Piano Strutturale Intercomunale

CASENTINO

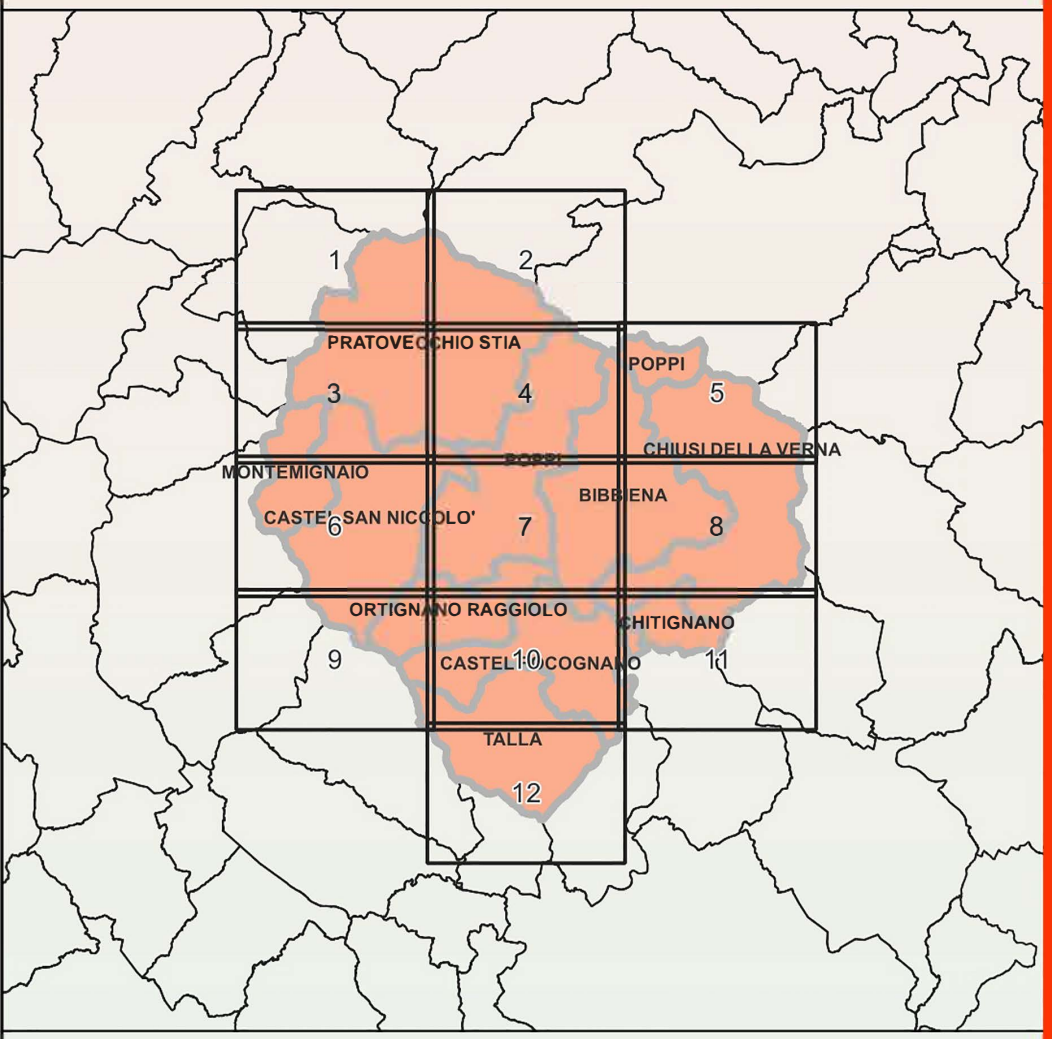
ASPETTO IDRAULICO

Elaborato REL_04 .1

Scala

Data Marzo 2025

Allegati HEC-RAS alle integrazioni della relazione idrologico idraulica



Data di adozione

Data di approvazione

Elaborato modificato a seguito delle controdeduzioni

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Comuni associati
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Castel San Niccolò (sindaco Antonio Fani)
Chitignano (sindaco Valentina Calbi)
Chiusi della Verna (sindaco Giampaolo Tellini)
Montemignaio (sindaco Roberto Pertichini)
Ortignano Raggiolo (sindaco Emanuele Ceccherini)
Poppi (sindaco Federico Lorenzoni)
Pratovecchio Stia (sindaco Luca Santini)
Talla (sindaco Eleonora Ducci)
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Francesca Casini
Sistema informativo territoriale (SIT)
LDP progetti Gis

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ALLEGATI

MODELLAZIONE HEC-RAS 6.3.1 "ARCHIANO APP"

ARCHIANO

MODELLAZIONE PER TR=30 e 200 ANNI

DURATA DI PIOGGIA: 1, 3 e 6 h

Profilo longitudinale

Sezioni Trasversali

Dati idraulici

ALLEGATI

MODELLAZIONE HEC-RAS 6.3.1 "ARCHIANO APP"

ARCHIANO

MODELLAZIONE PER TR= 200 anni

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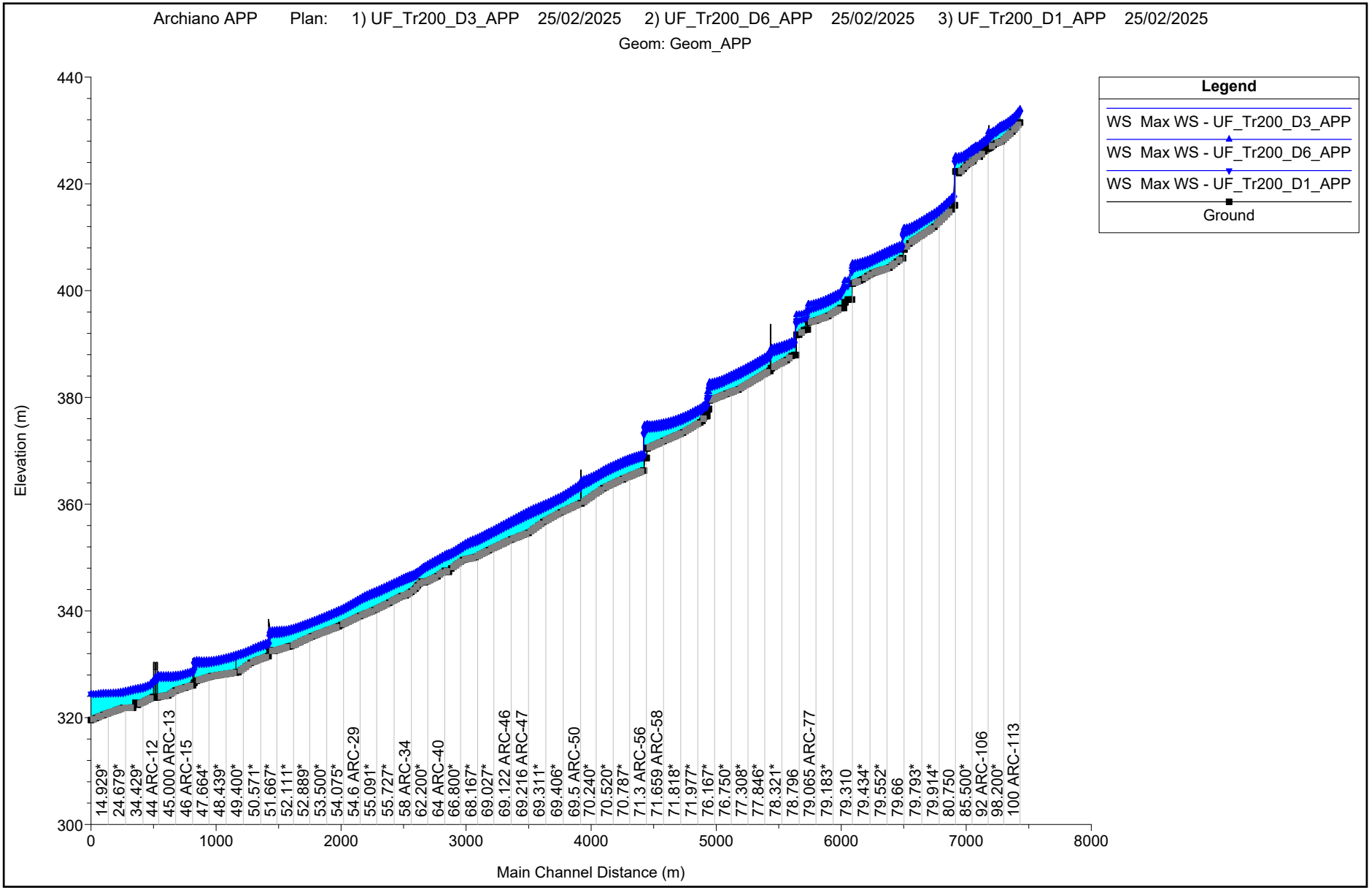
Profilo longitudinale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Main Channel Distance (m)
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420
400
380
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340
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300
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1000
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3000
4000
5000
6000
7000
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14.929*
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45.000 ARC-13
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79.66
79.793*
79.914*
80.750
85.500*
92 ARC-106
98.200*
100 ARC-113

ALLEGATI

MODELLAZIONE HEC-RAS 6.3.1 "ARCHIANO APP"

ARCHIANO

MODELLAZIONE PER TR= 200 anni

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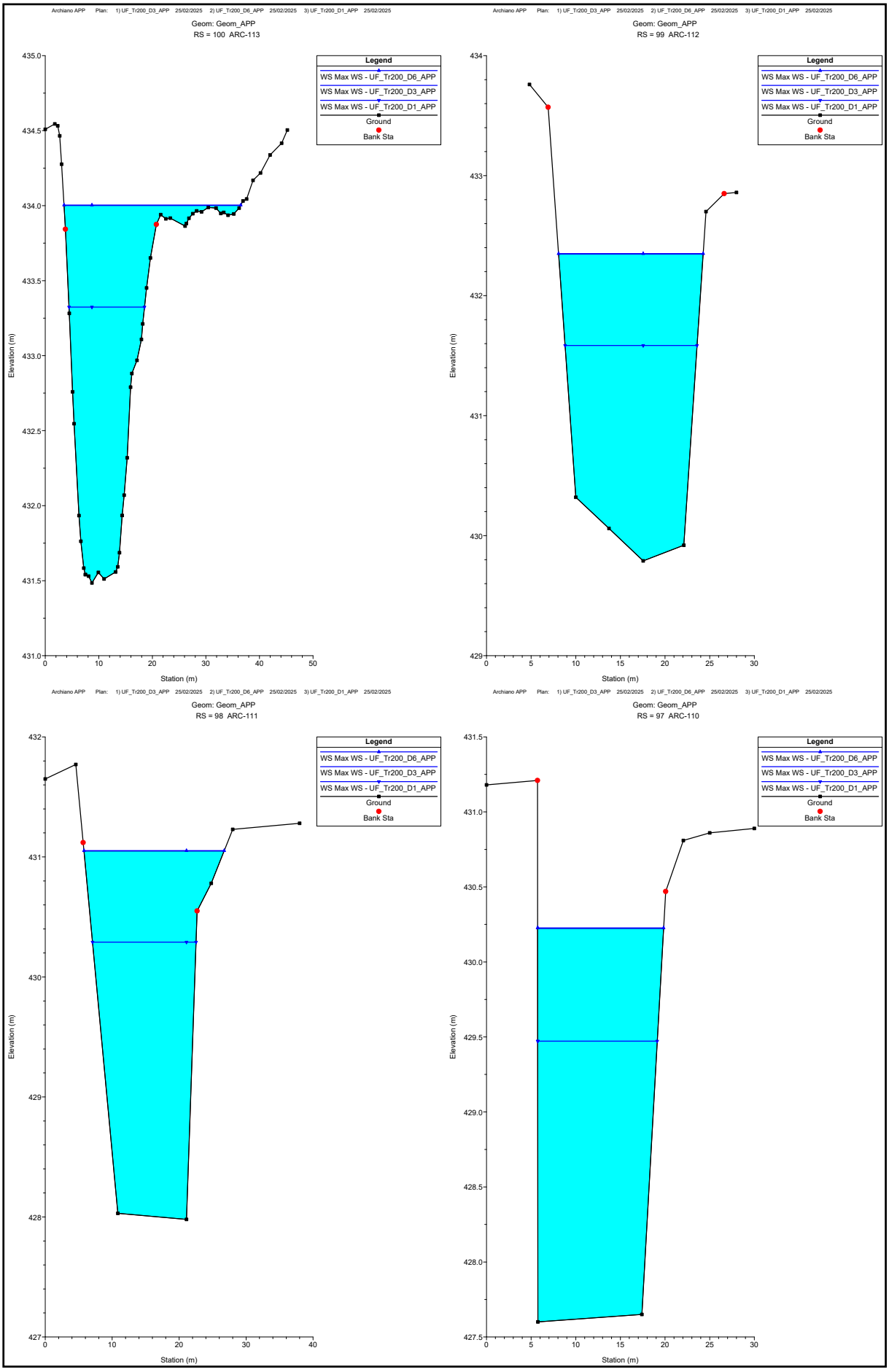
Sezioni Trasversali (da monte verso valle)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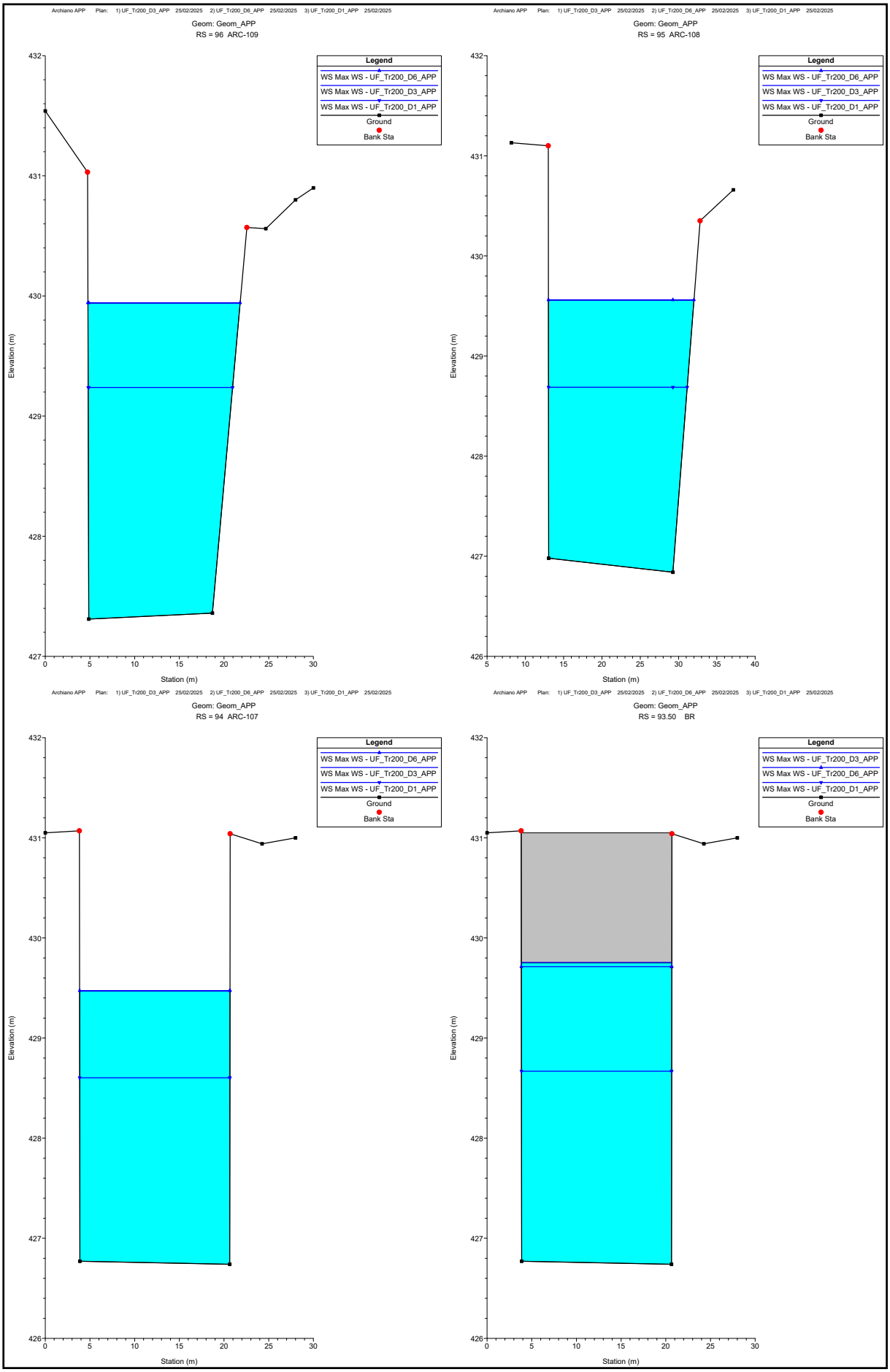
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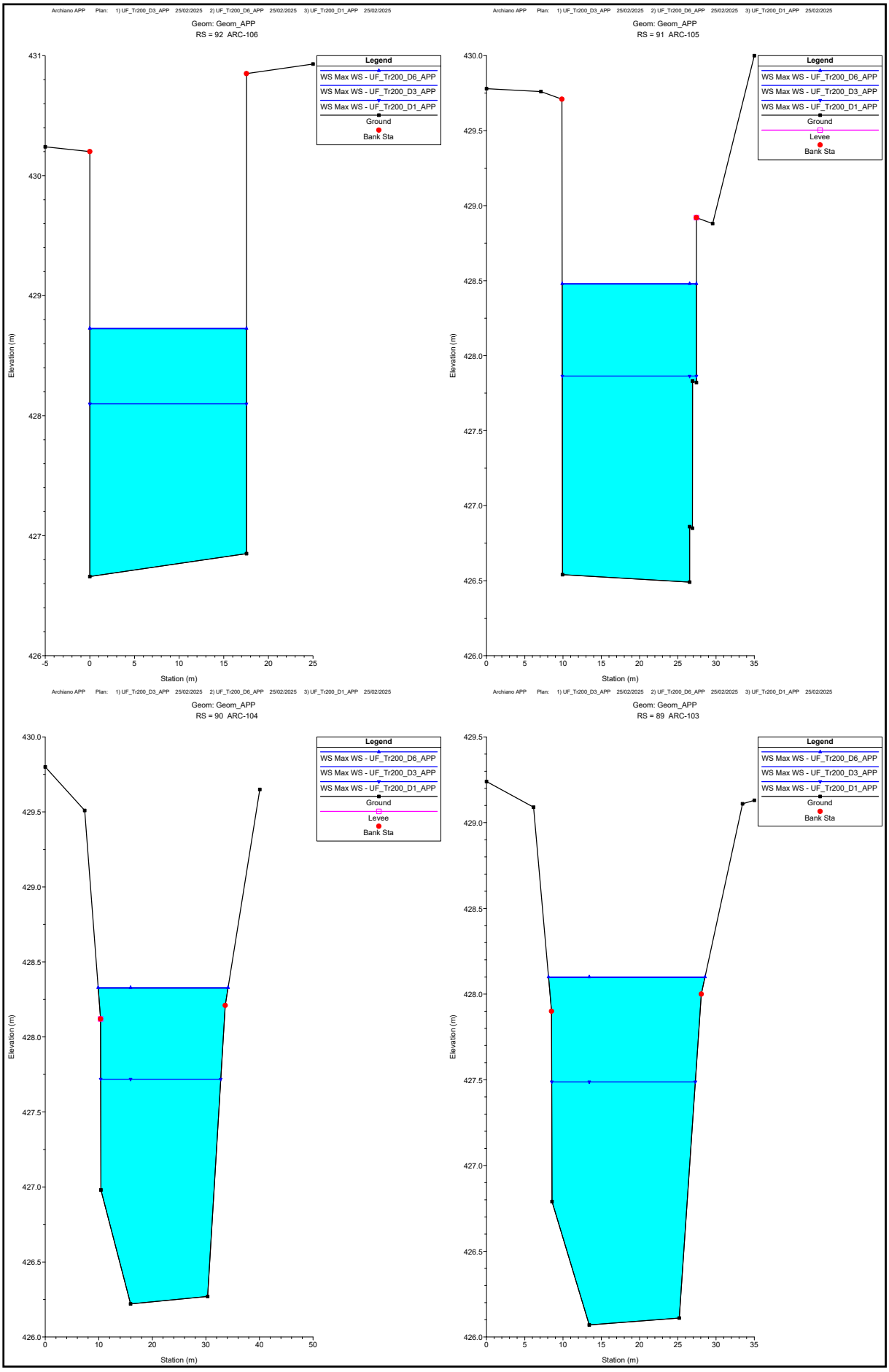
Station (m)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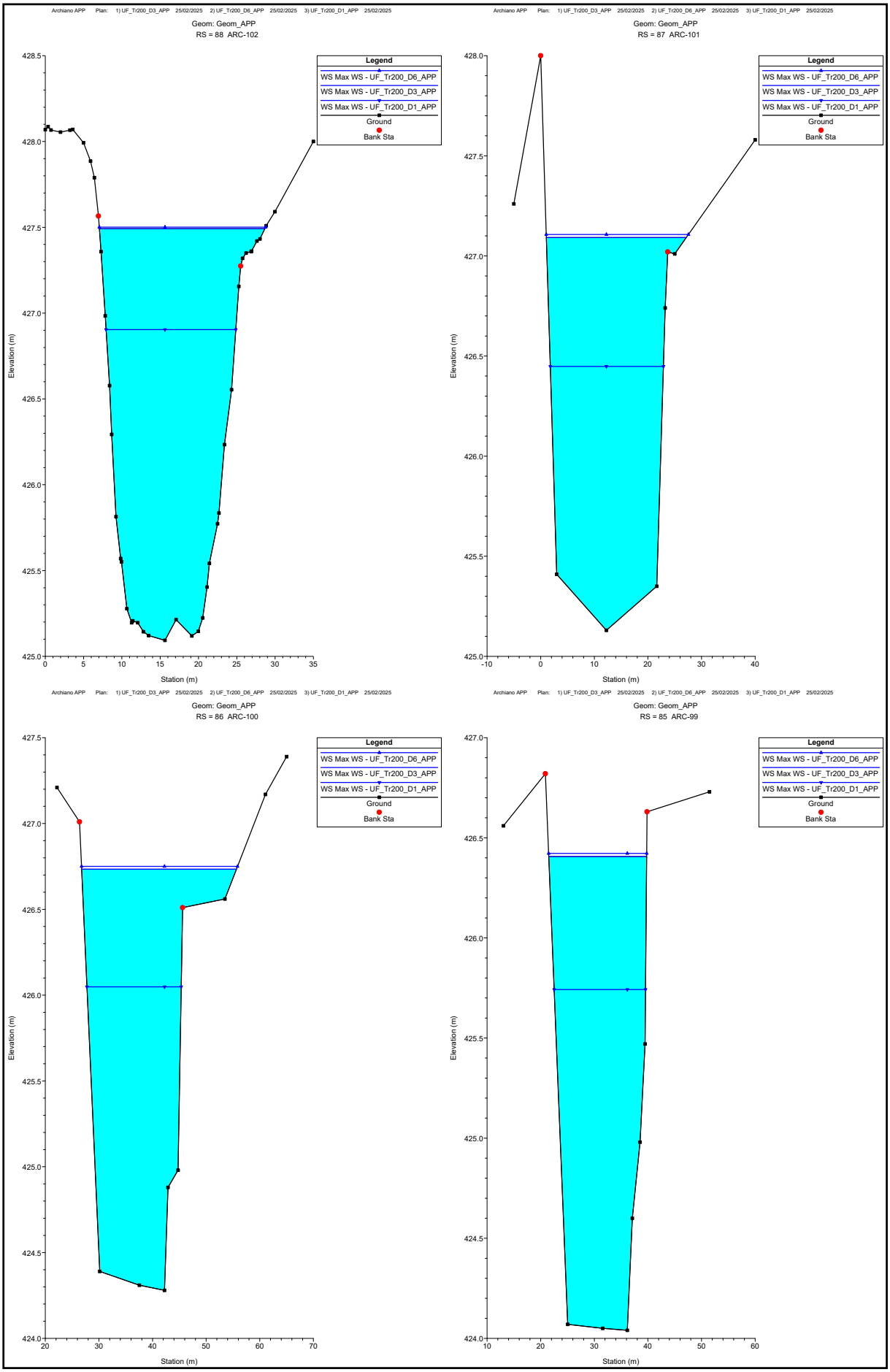
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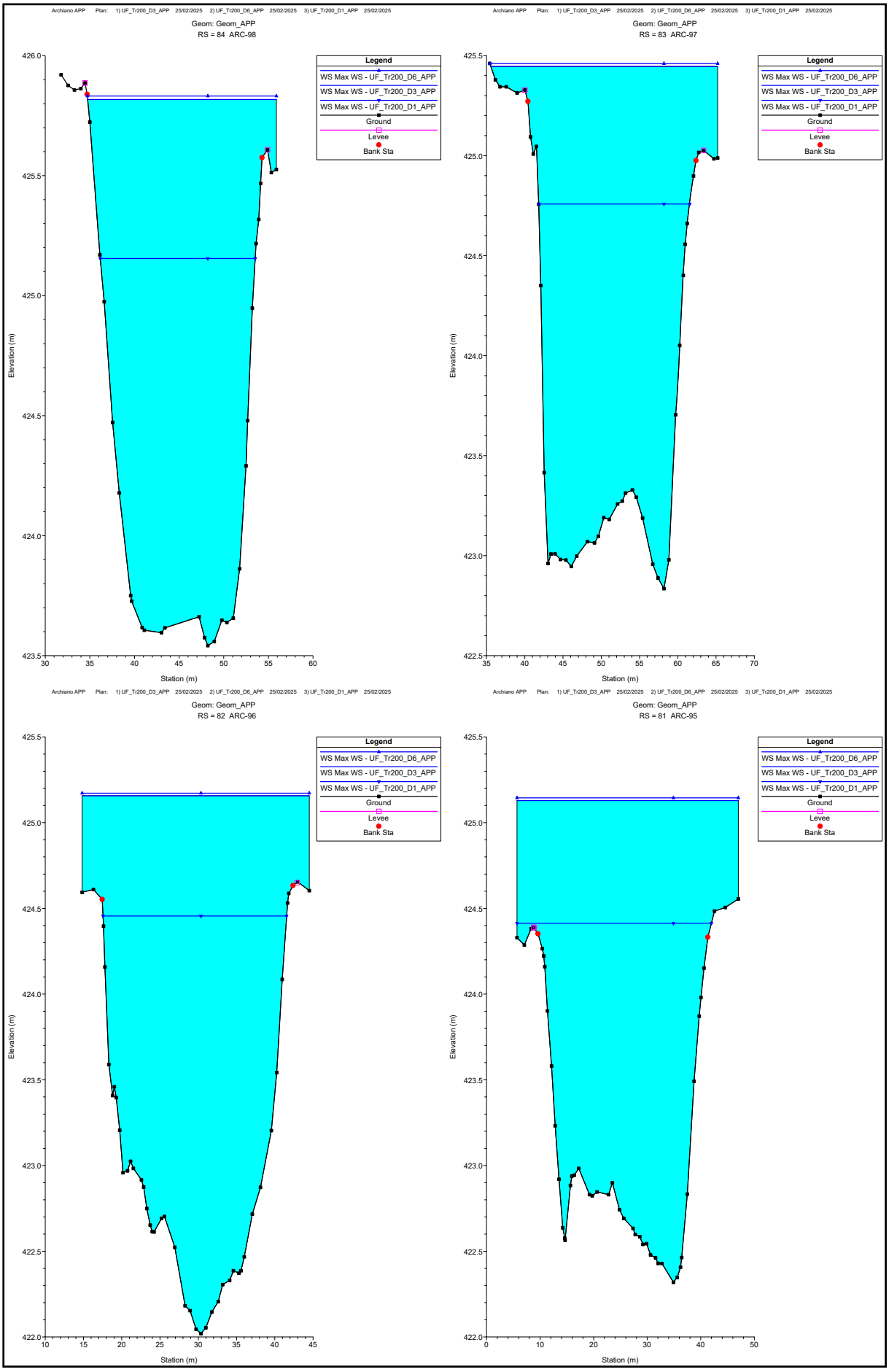
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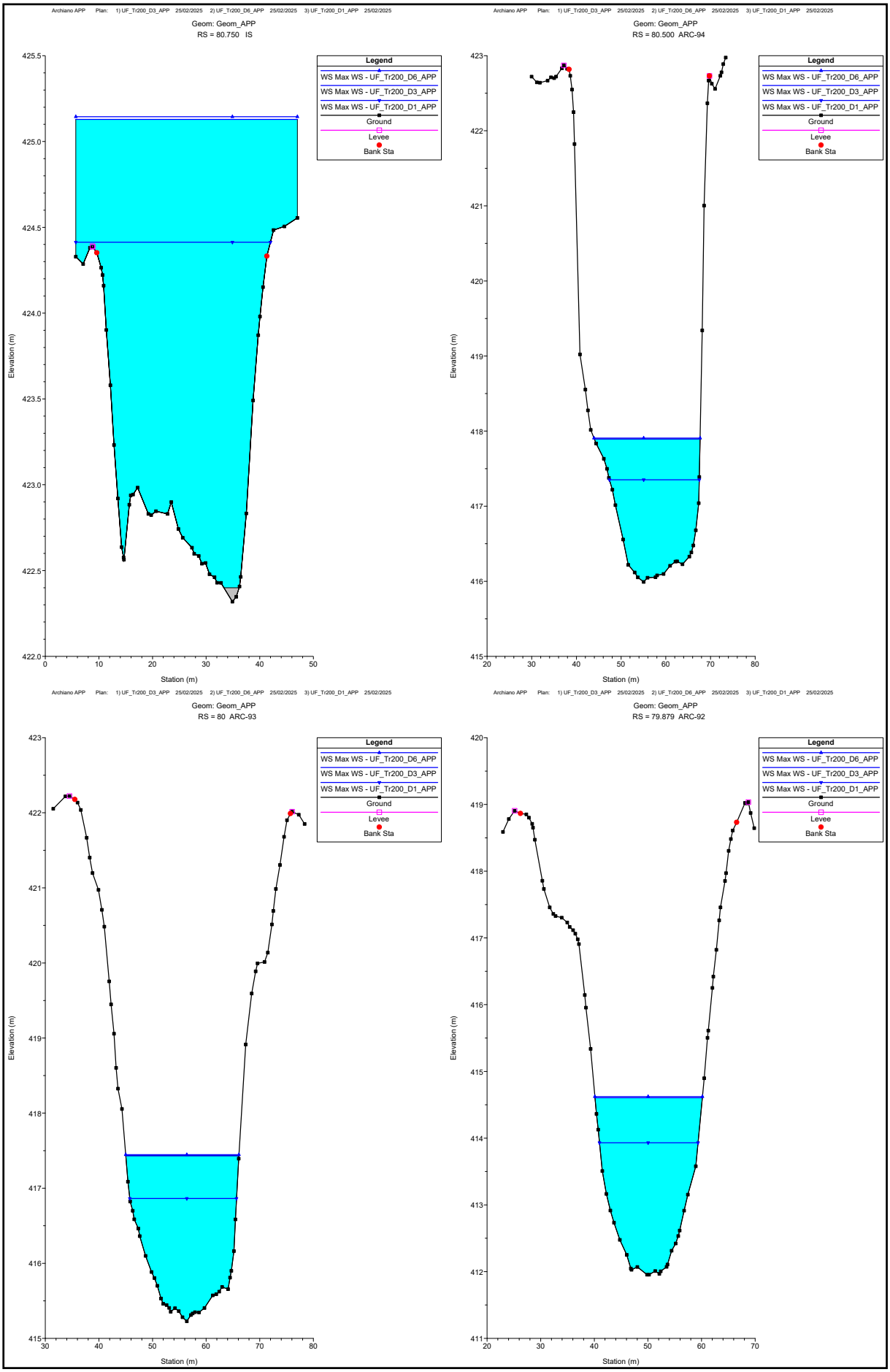
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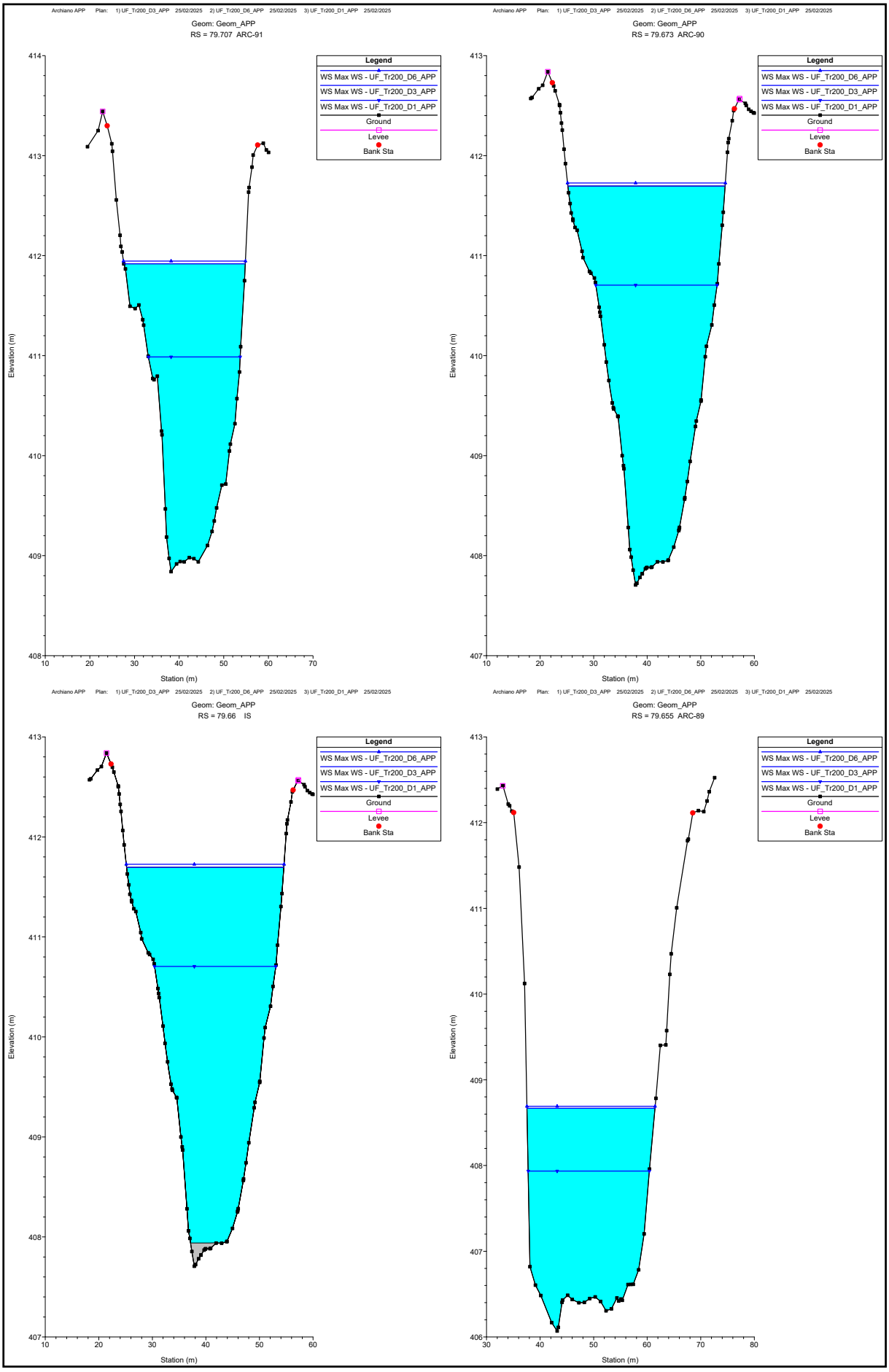
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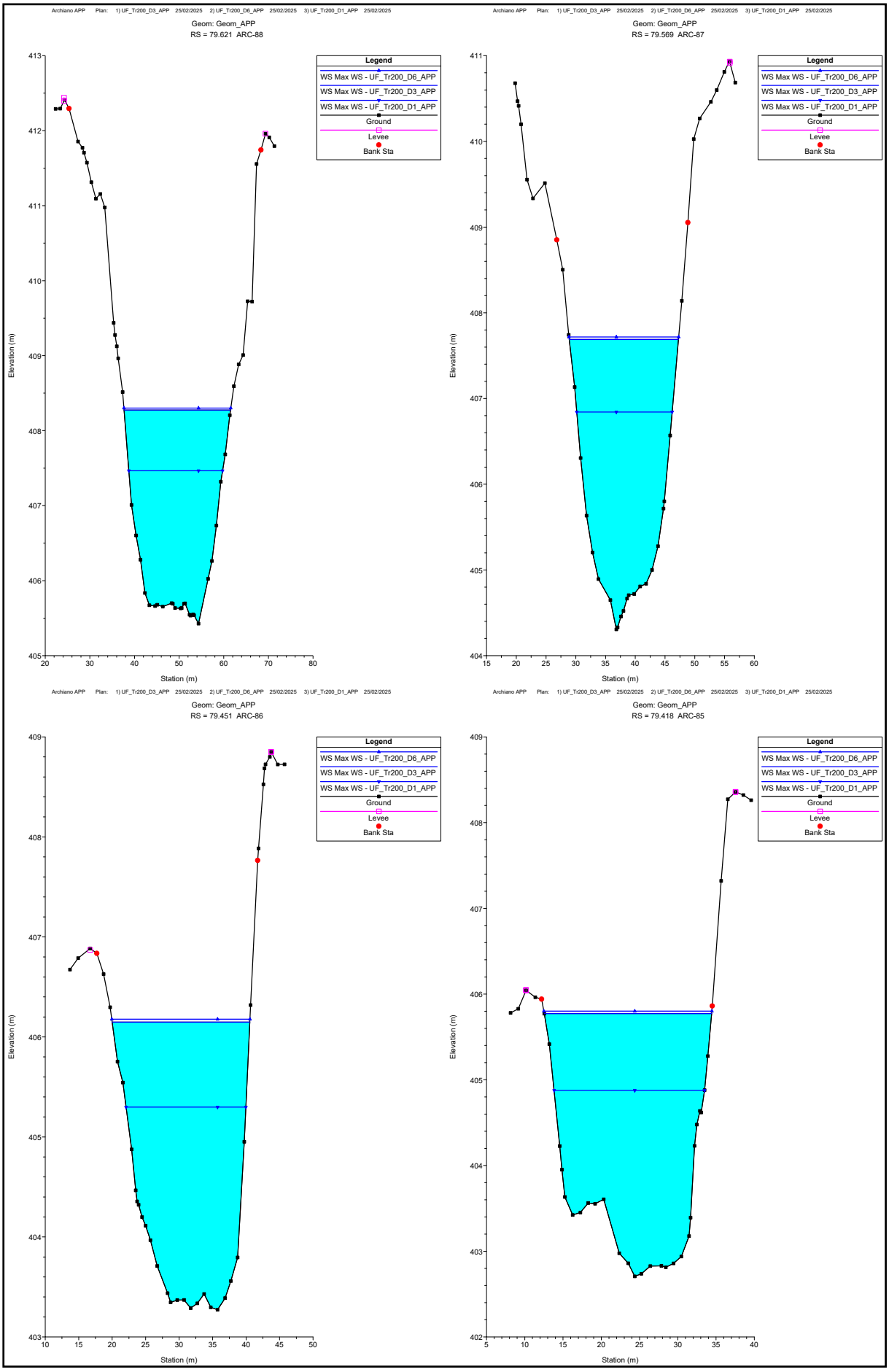
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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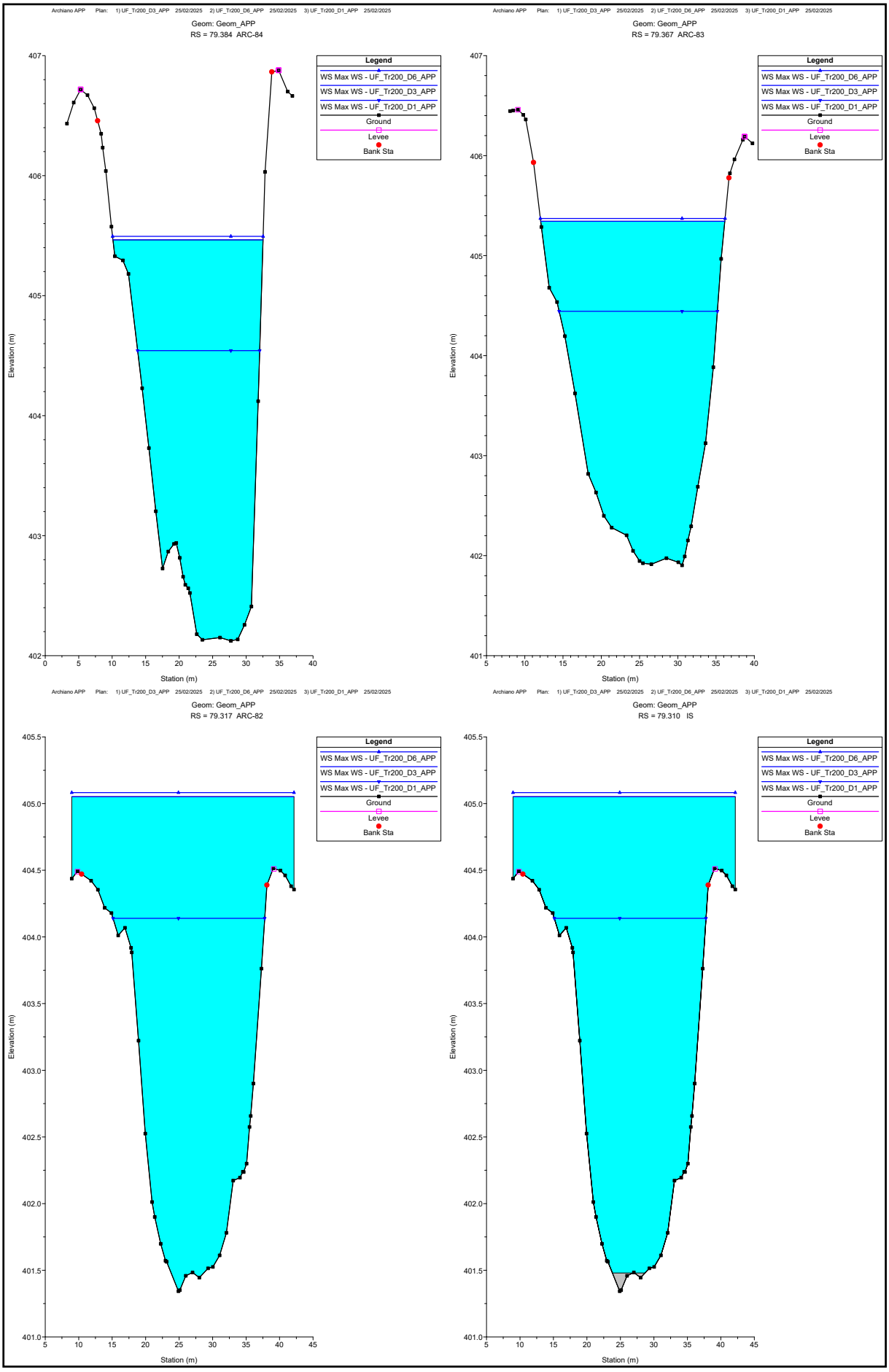
Geom: Geom_APP
RS = 79.621 ARC-88
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 79.569 ARC-87
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 79.451 ARC-86
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 79.418 ARC-85
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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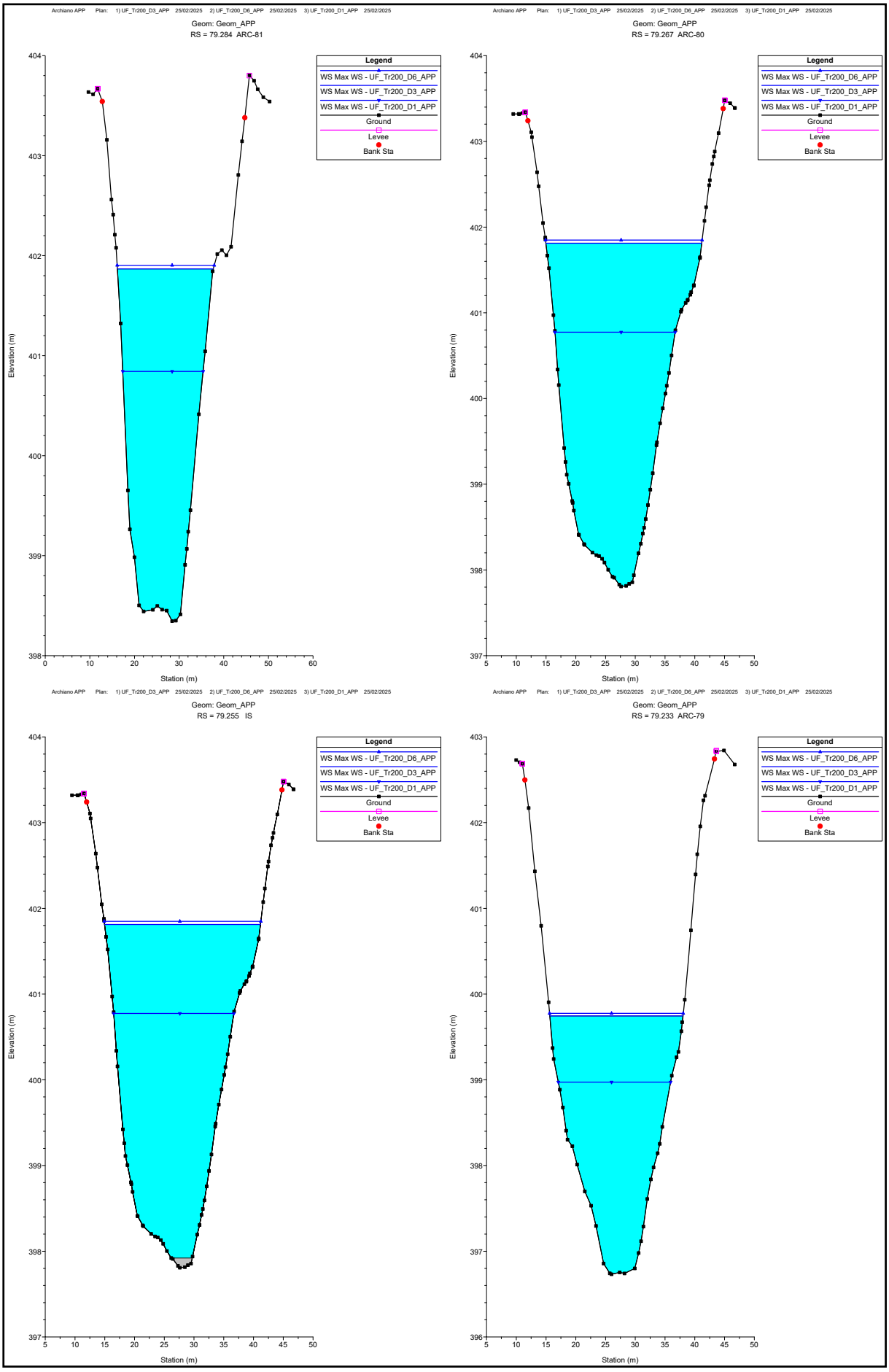
Geom: Geom_APP
RS = 79.384 ARC-84
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 79.367 ARC-83
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 79.317 ARC-82
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 79.310 IS
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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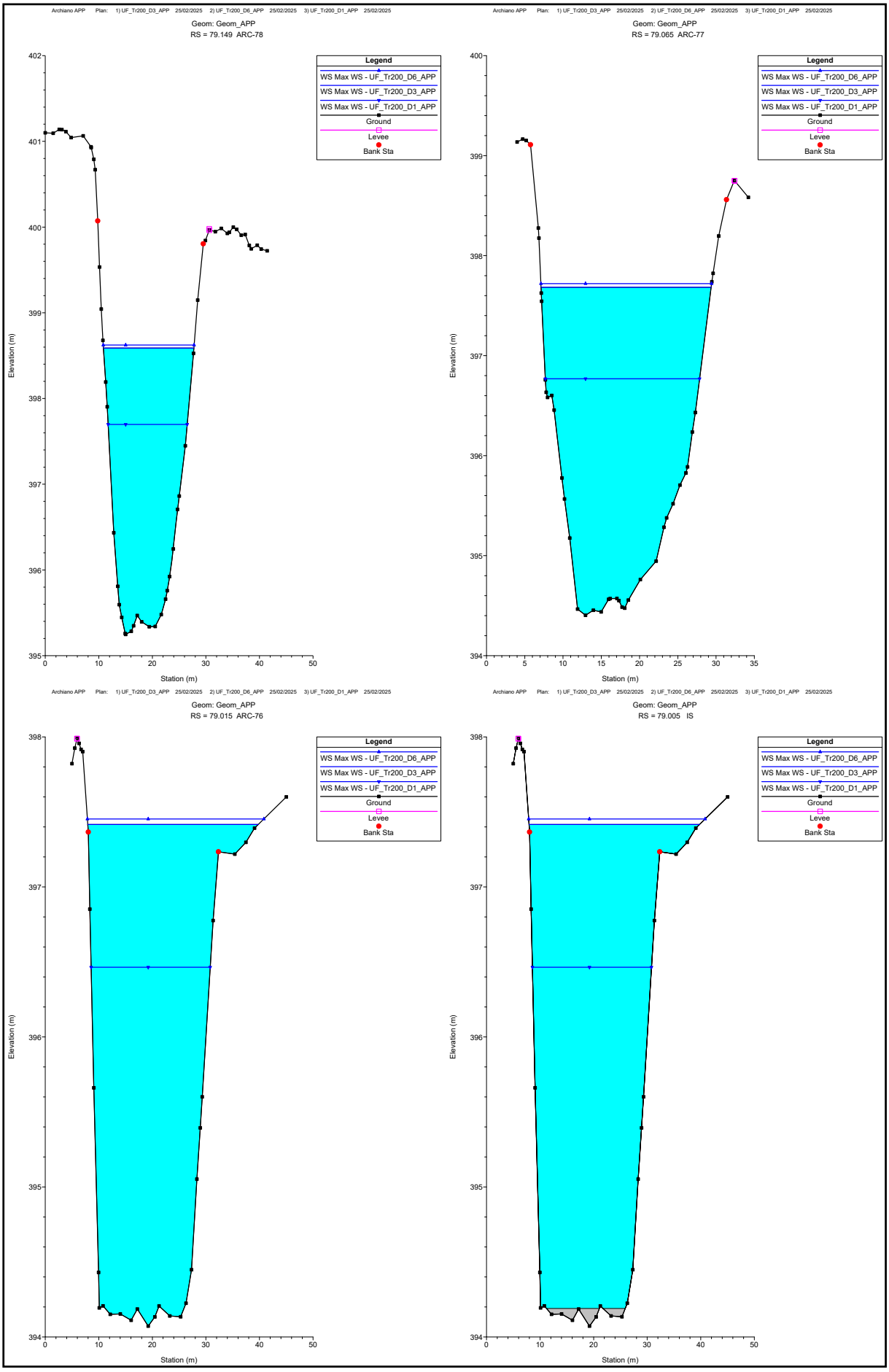
Geom: Geom_APP
RS = 79.284 ARC-81
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 79.267 ARC-80
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 79.255 IS
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 79.233 ARC-79
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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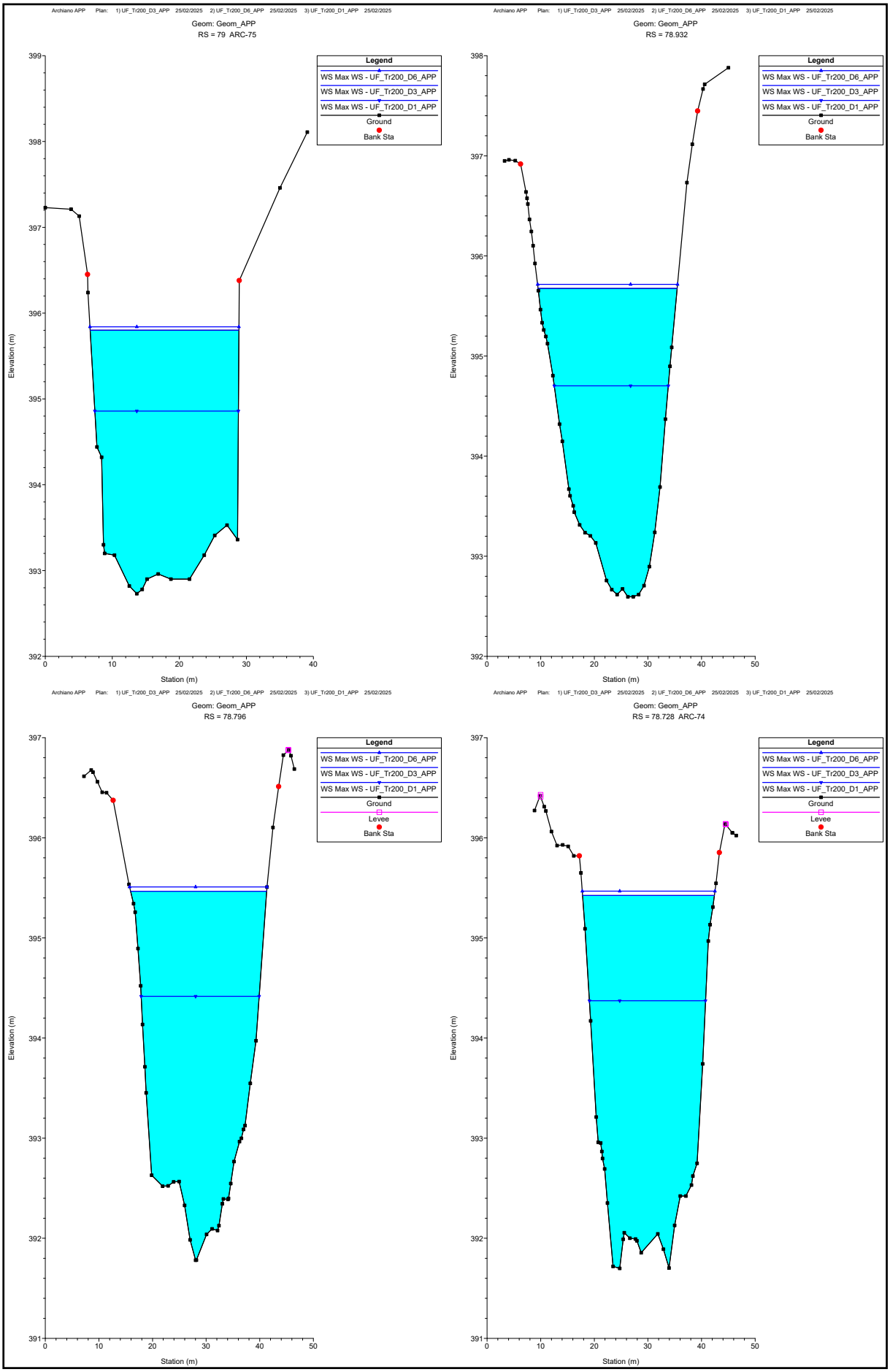
Geom: Geom_APP
RS = 79.149 ARC-78
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 79.065 ARC-77
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 79.015 ARC-76
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 79.005 IS
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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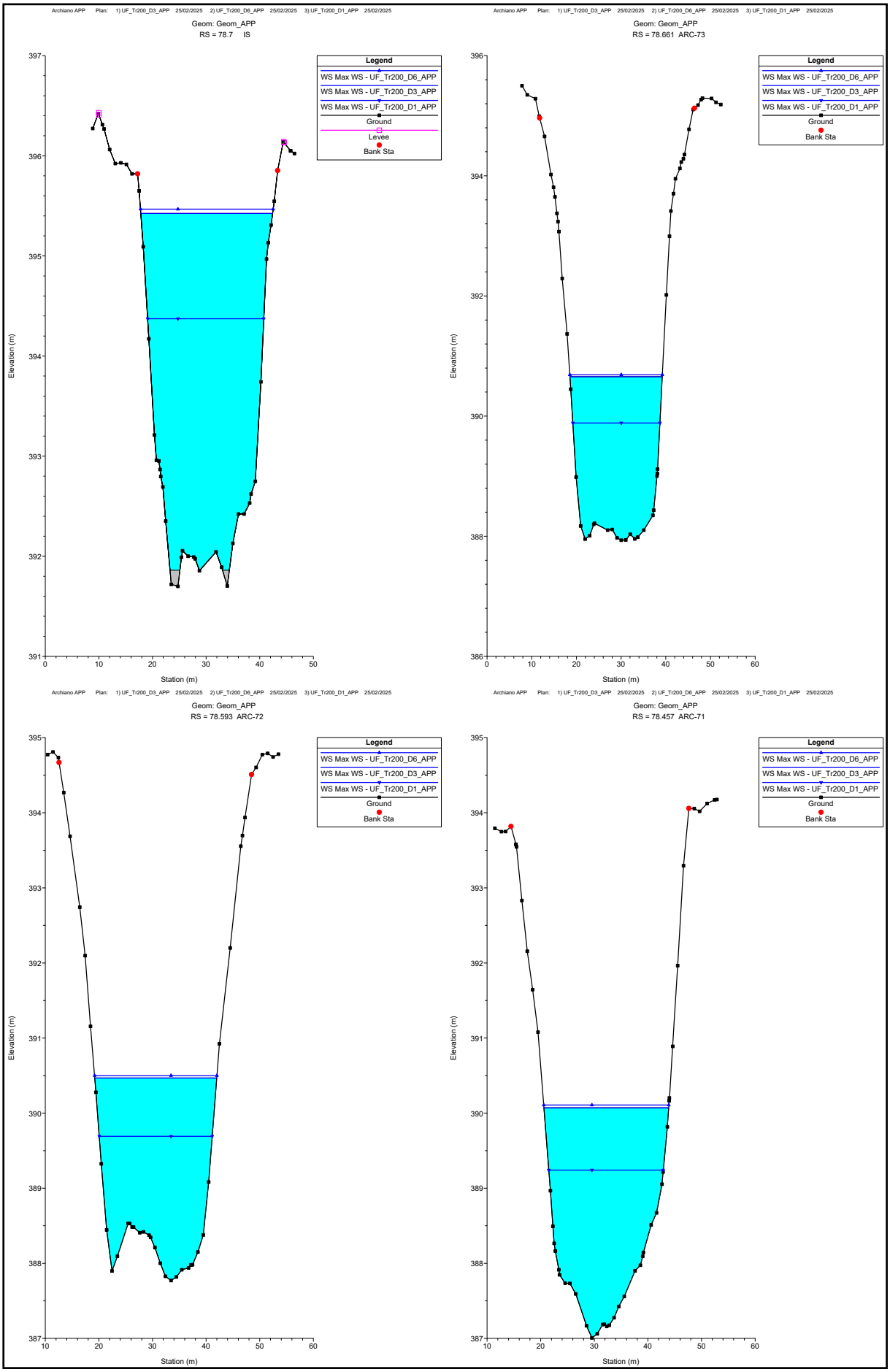
Geom: Geom_APP
RS = 79 ARC-75
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 78.932
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 78.796
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 78.728 ARC-74
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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Geom: Geom_APP
RS = 78.7 IS
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 78.661 ARC-73
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 78.593 ARC-72
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 78.457 ARC-71
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
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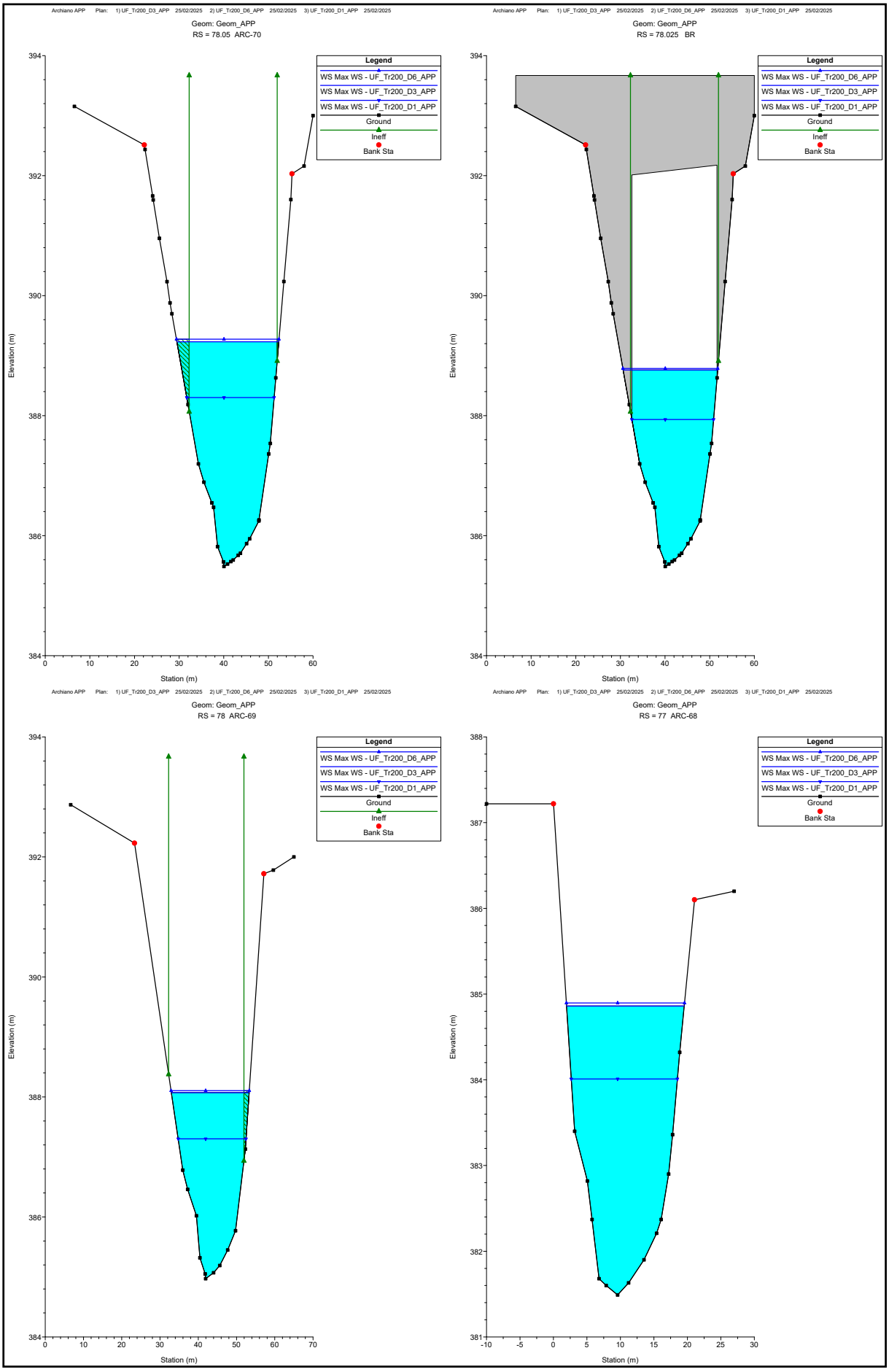
Elevation (m)
Station (m)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Geom: Geom_APP
RS = 78.05 ARC-70
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Ineff
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 78.025 BR
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Ineff
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 78 ARC-69
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Ineff
Bank Sta
Elevation (m)
Station (m)
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Geom: Geom_APP
RS = 77 ARC-68
Legend
WS Max WS - UF_Tr200_D6_APP
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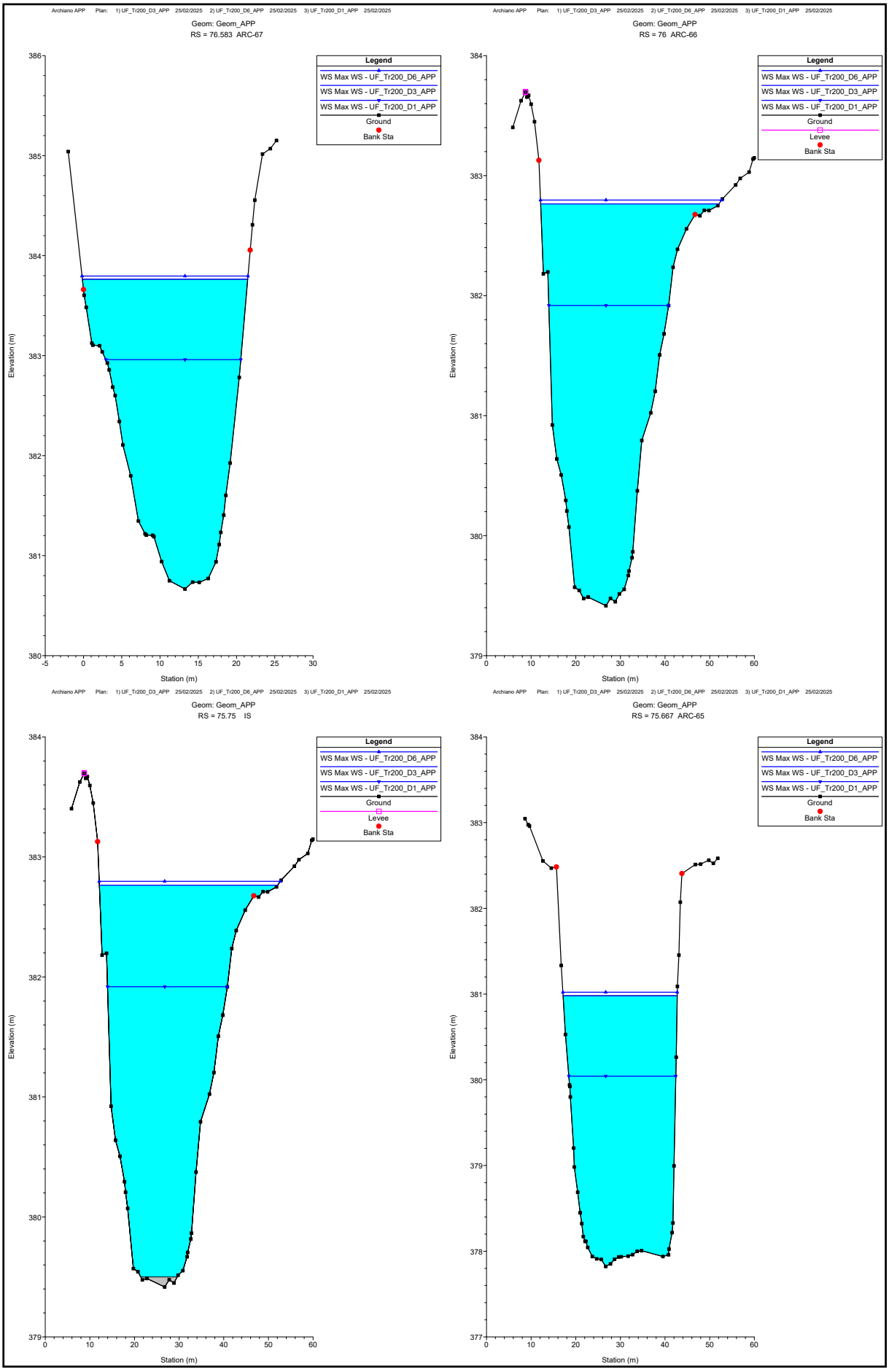
WS Max WS - UF_Tr200_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)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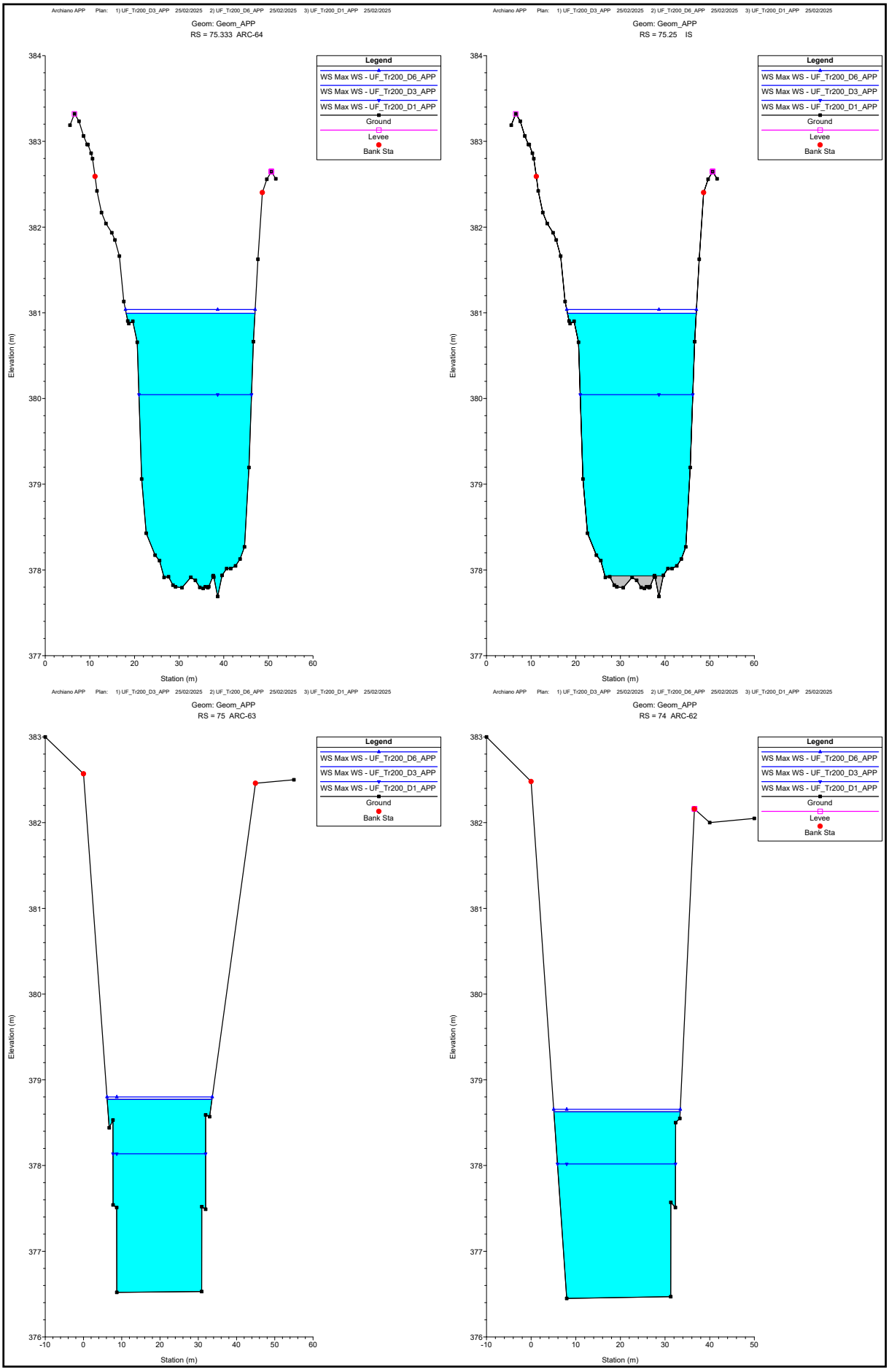
Geom: Geom_APP
RS = 76.583 ARC-67
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 76 ARC-66
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 75.75 IS
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 75.667 ARC-65
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)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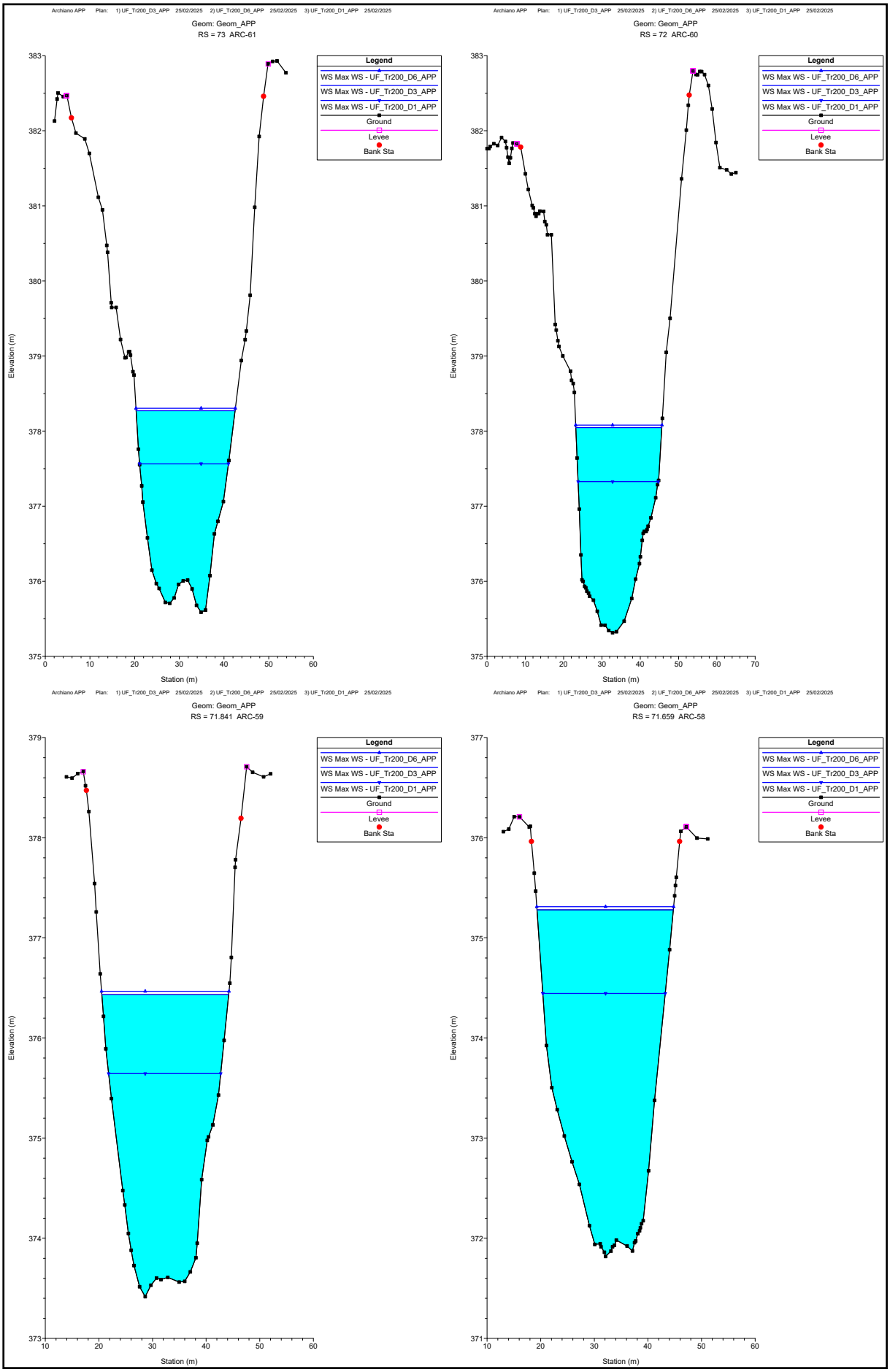
Geom: Geom_APP
RS = 75.333 ARC-64
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 75.25 IS
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 75 ARC-63
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 74 ARC-62
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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Geom: Geom_APP
RS = 73 ARC-61
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 72 ARC-60
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 71.841 ARC-59
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 71.659 ARC-58
Legend
WS Max WS - UF_Tr200_D6_APP
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WS Max WS - UF_Tr200_D1_APP
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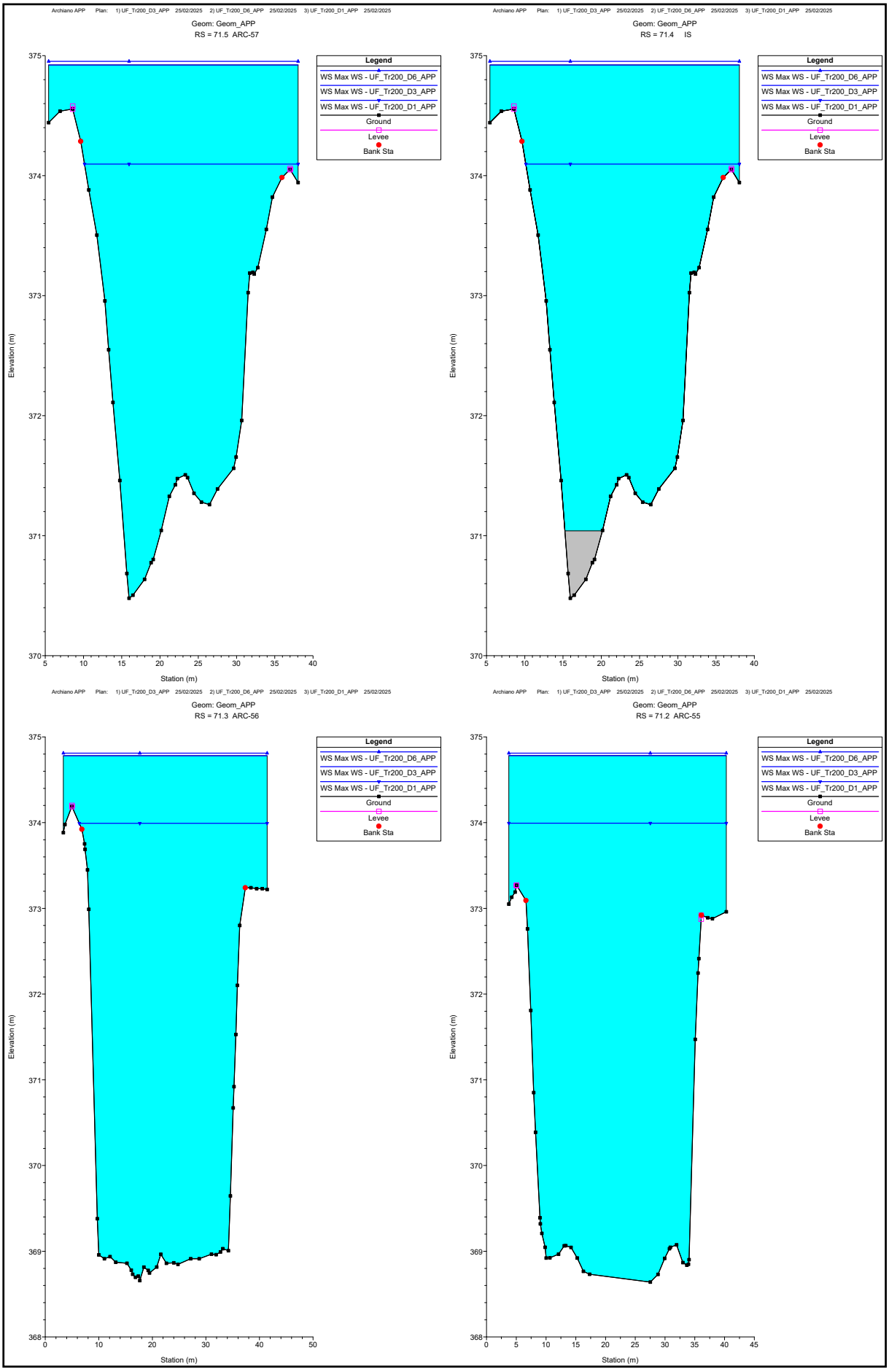
Elevation (m)
Station (m)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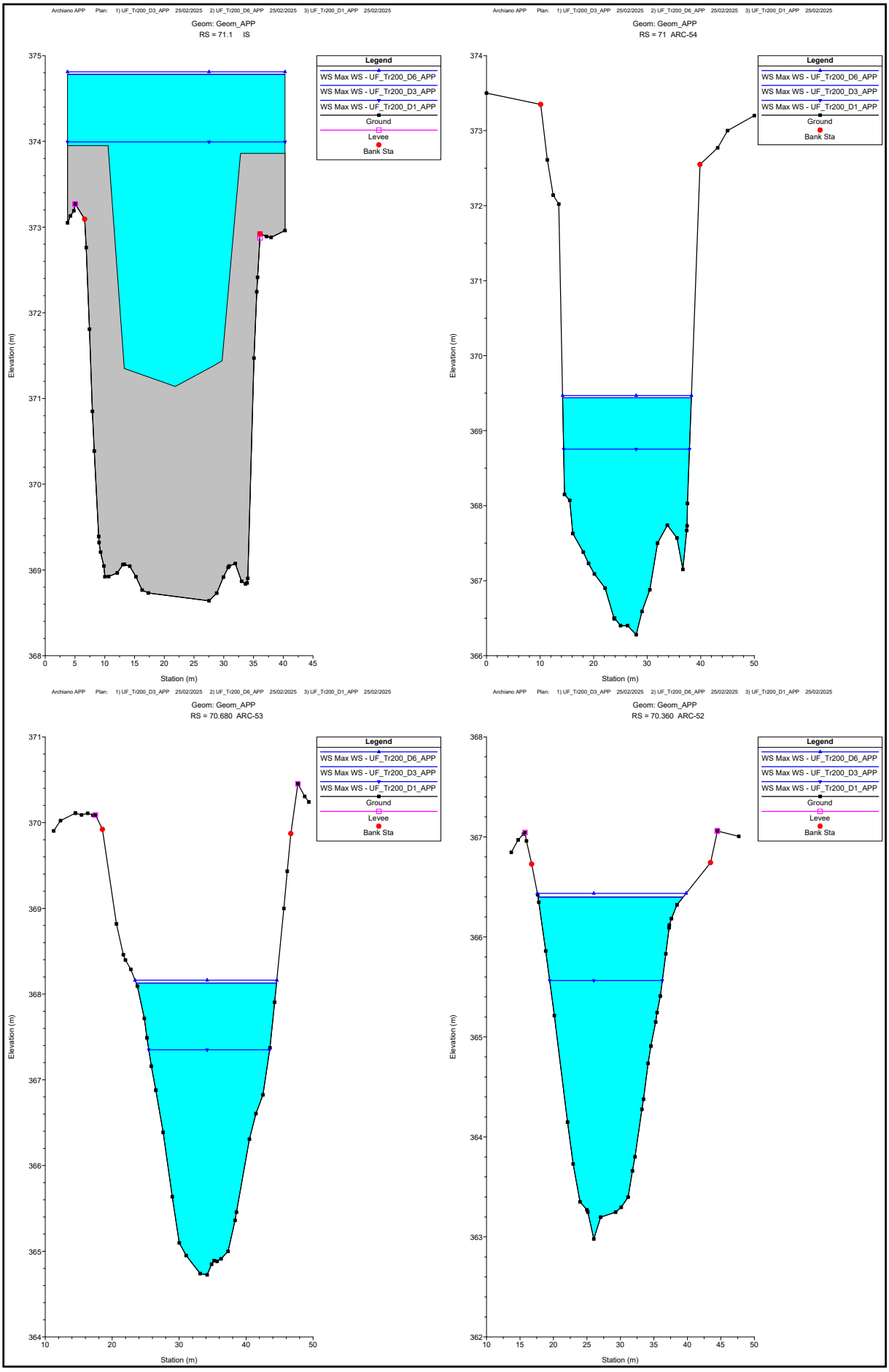
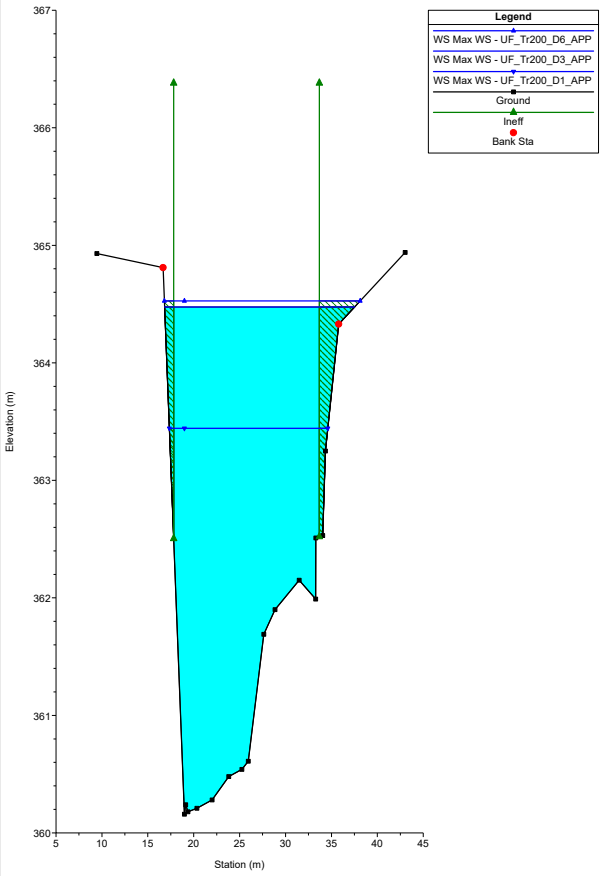
Geom: Geom_APP
RS = 71.5 ARC-57
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 71.4 IS
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 71.3 ARC-56
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 71.2 ARC-55
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)


Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 71.1 IS
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 71 ARC-54
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 70.680 ARC-53
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 70.360 ARC-52
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)

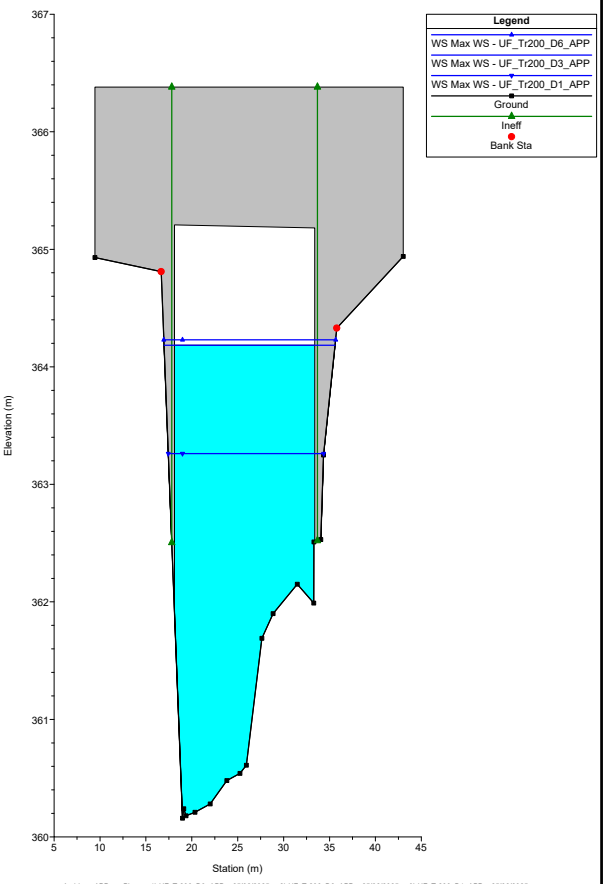
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025

Geom: Geom_APP
RS = 70 ARC-51



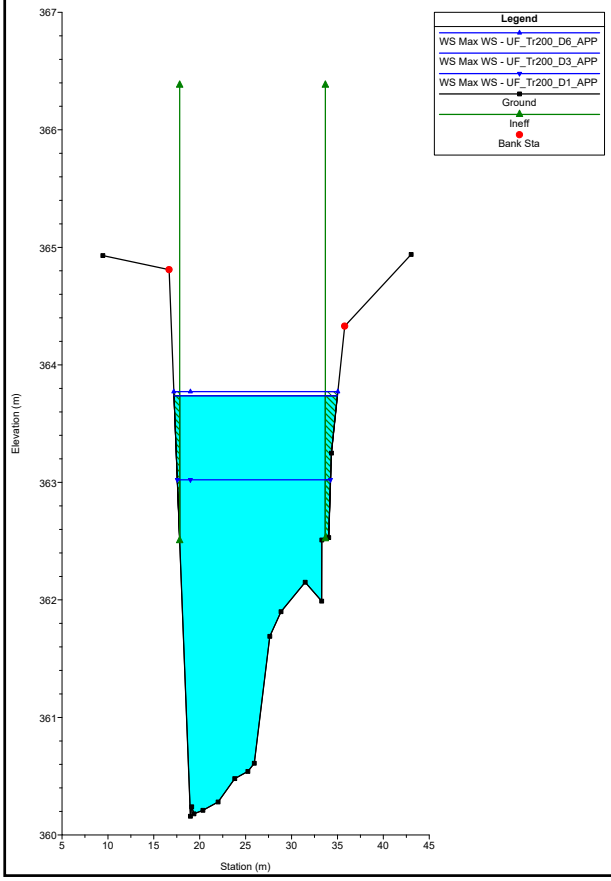
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025

Geom: Geom_APP
RS = 69.75 BR



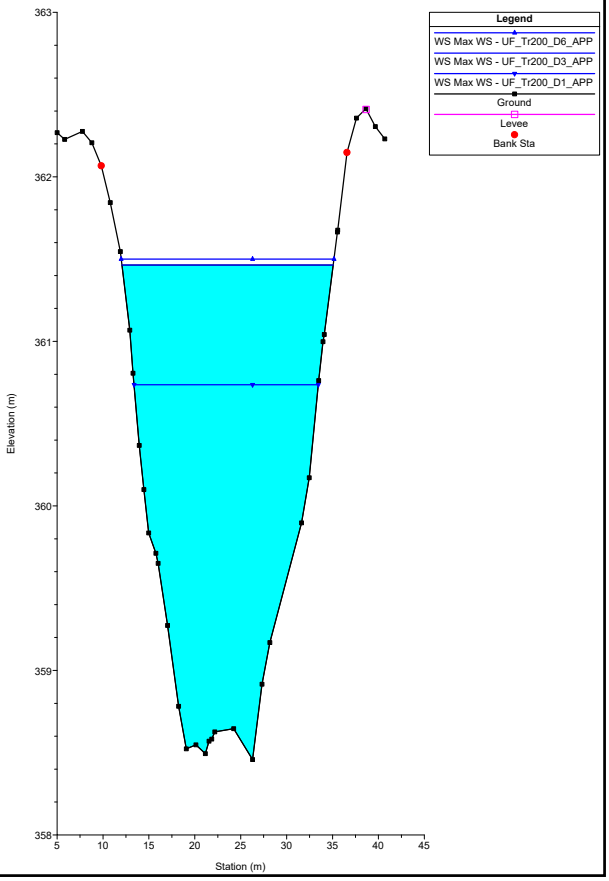
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025

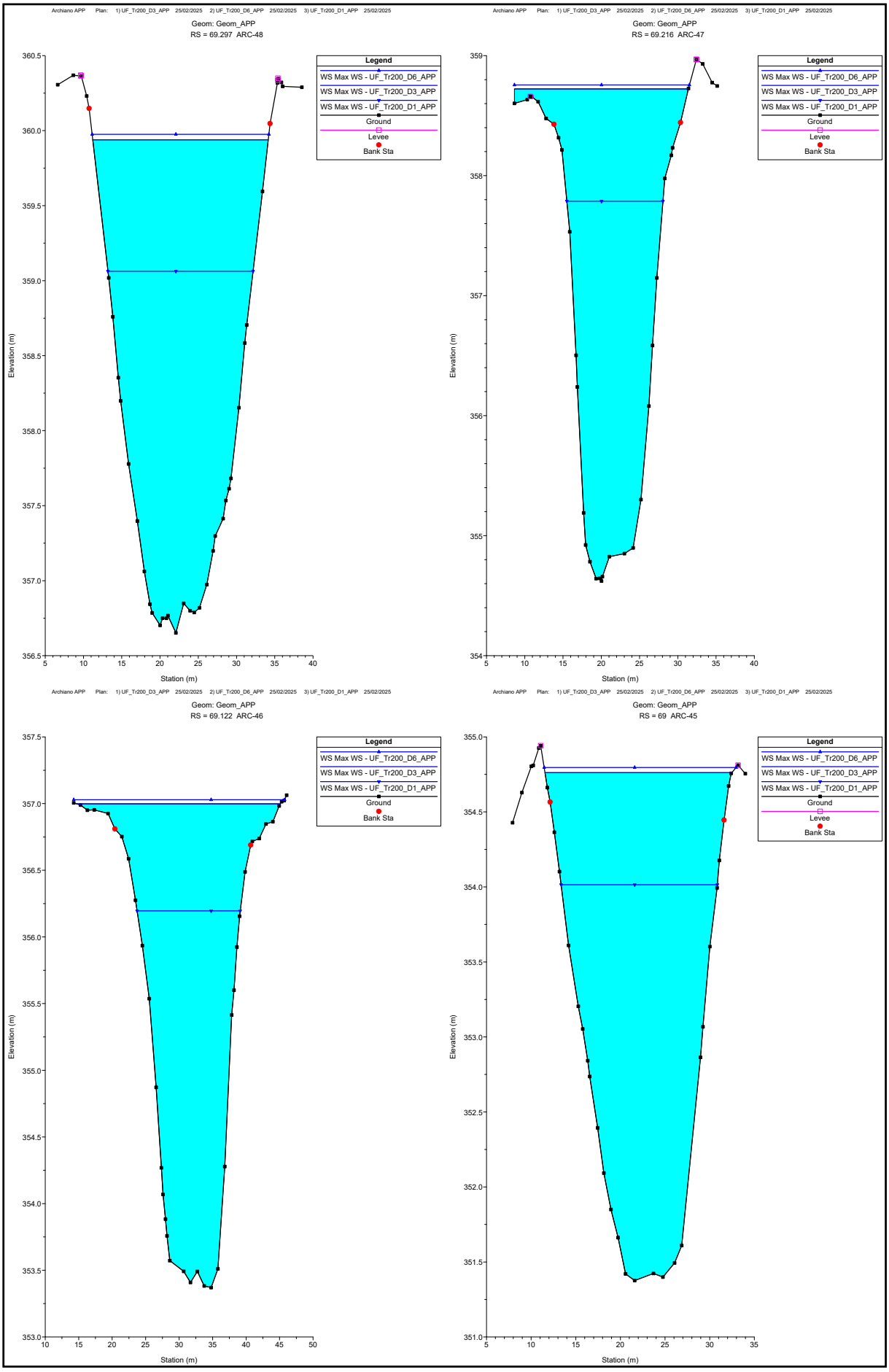
Geom: Geom_APP
RS = 69.5 ARC-50

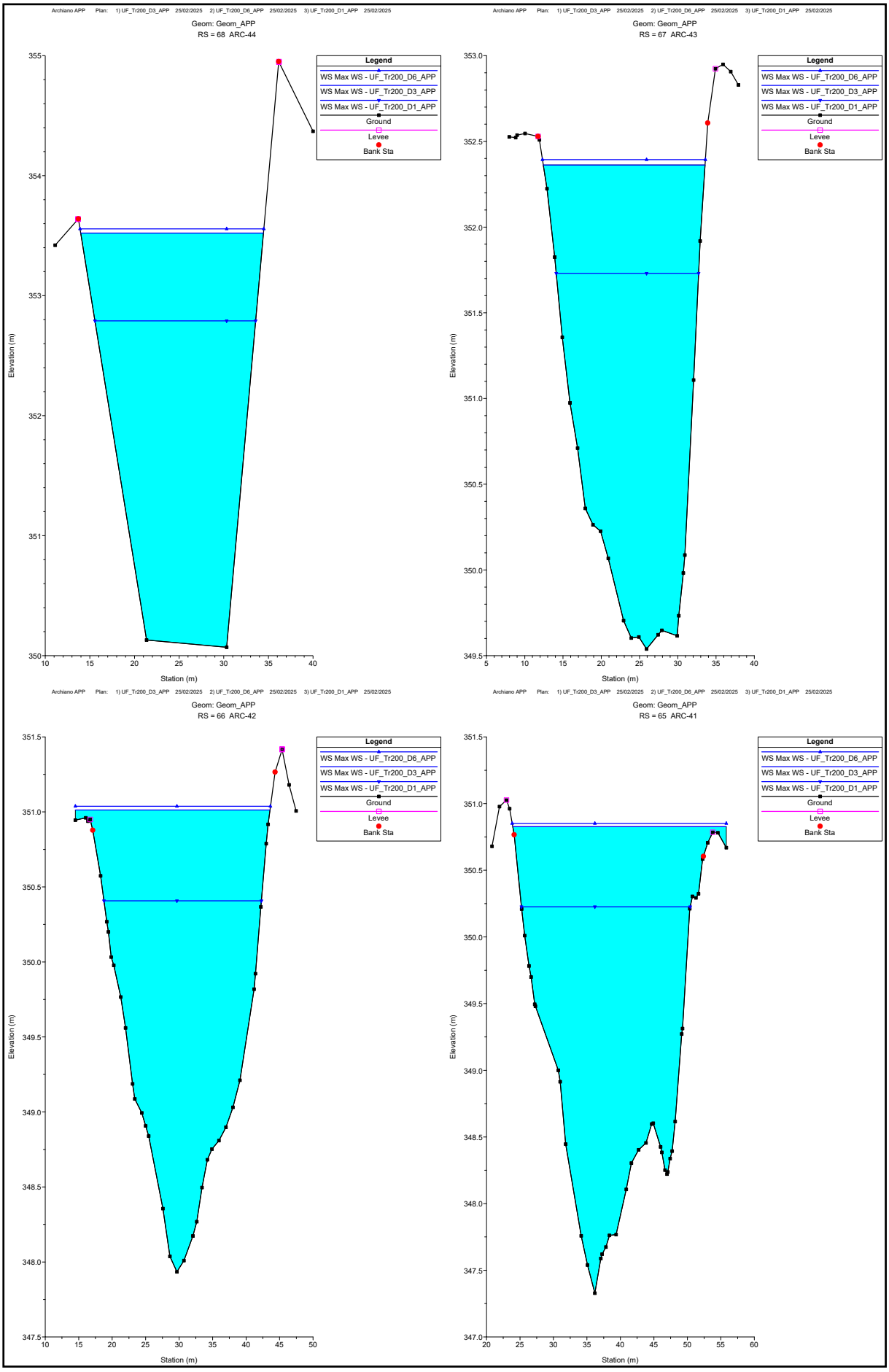


Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025

Geom: Geom_APP
RS = 69.392 ARC-49




Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 69.297 ARC-48
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 69.216 ARC-47
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 69.122 ARC-46
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 69 ARC-45
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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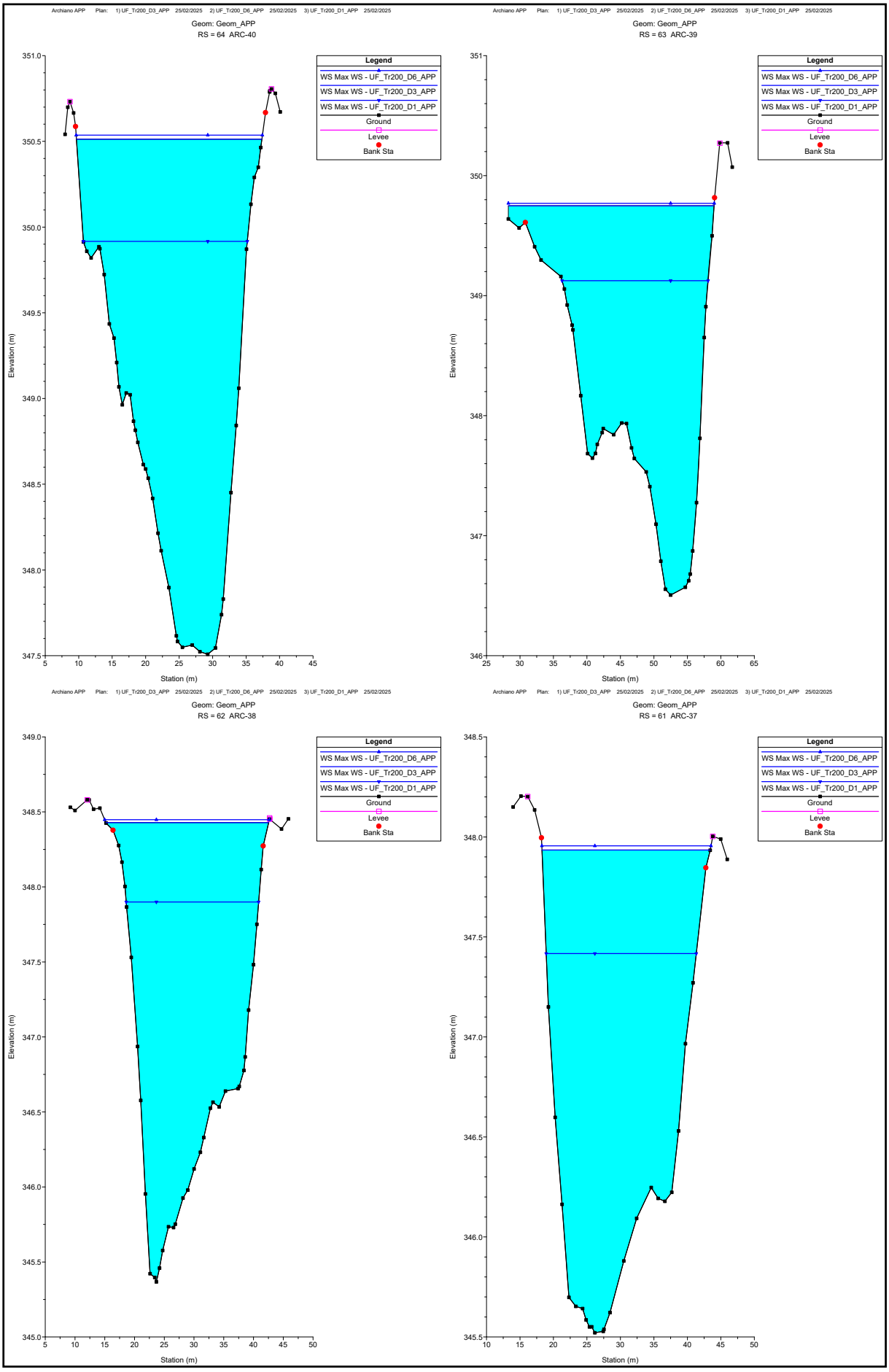
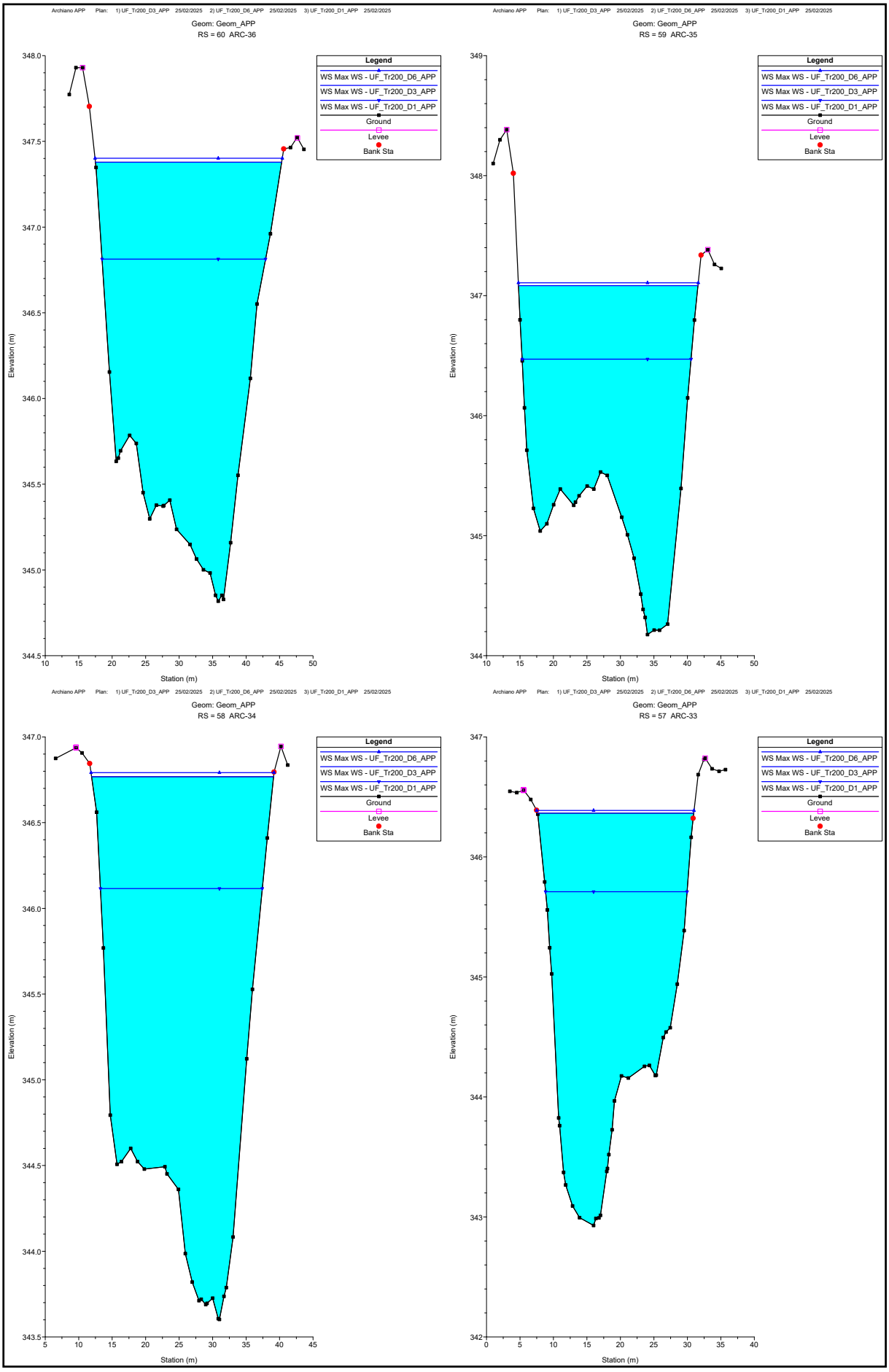
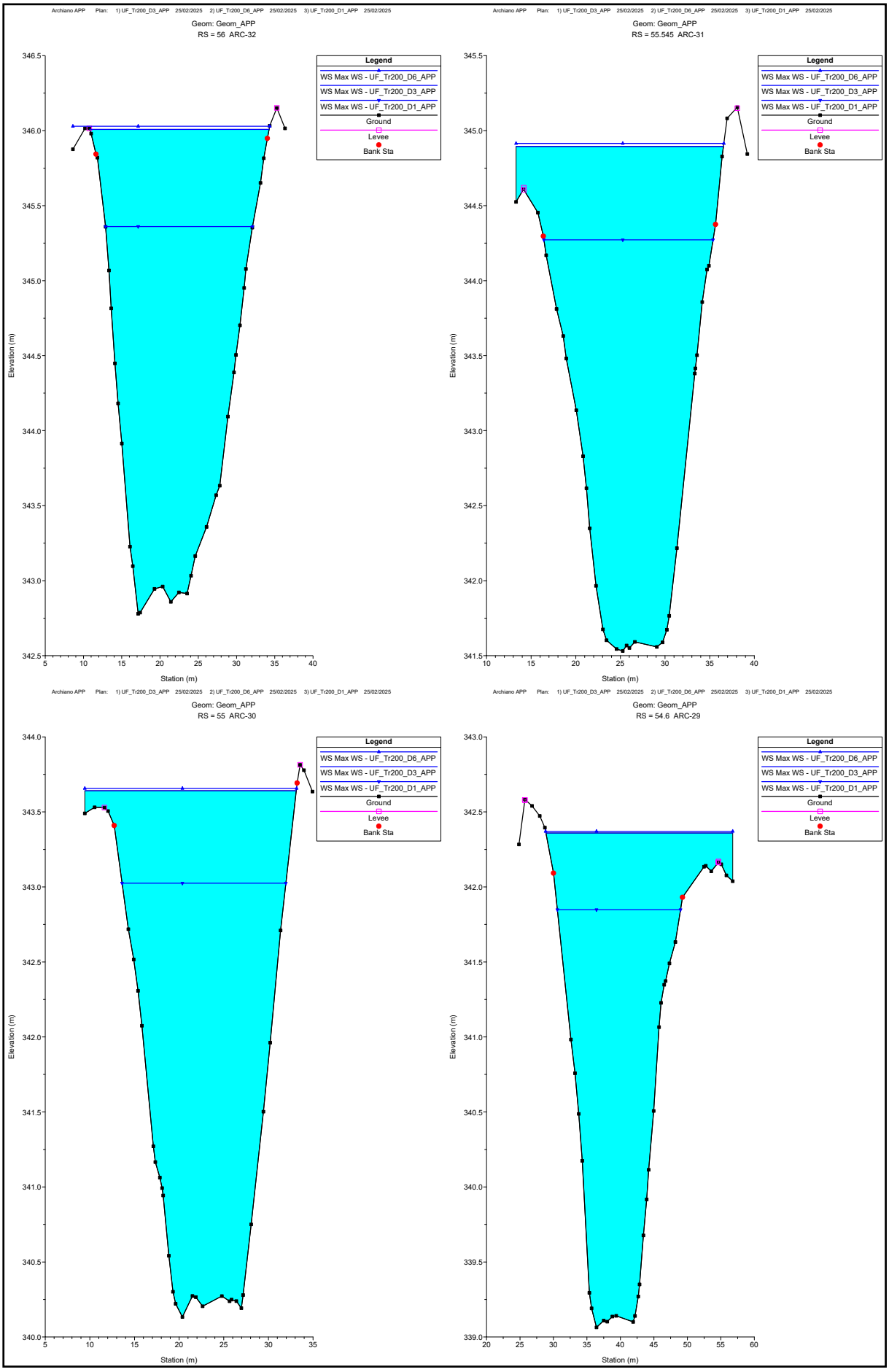
Geom: Geom_APP
RS = 68 ARC-44
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 67 ARC-43
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 66 ARC-42
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 65 ARC-41
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)


Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 64 ARC-40
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 63 ARC-39
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 62 ARC-38
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 61 ARC-37
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)


Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 60 ARC-36
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 59 ARC-35
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 58 ARC-34
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 57 ARC-33
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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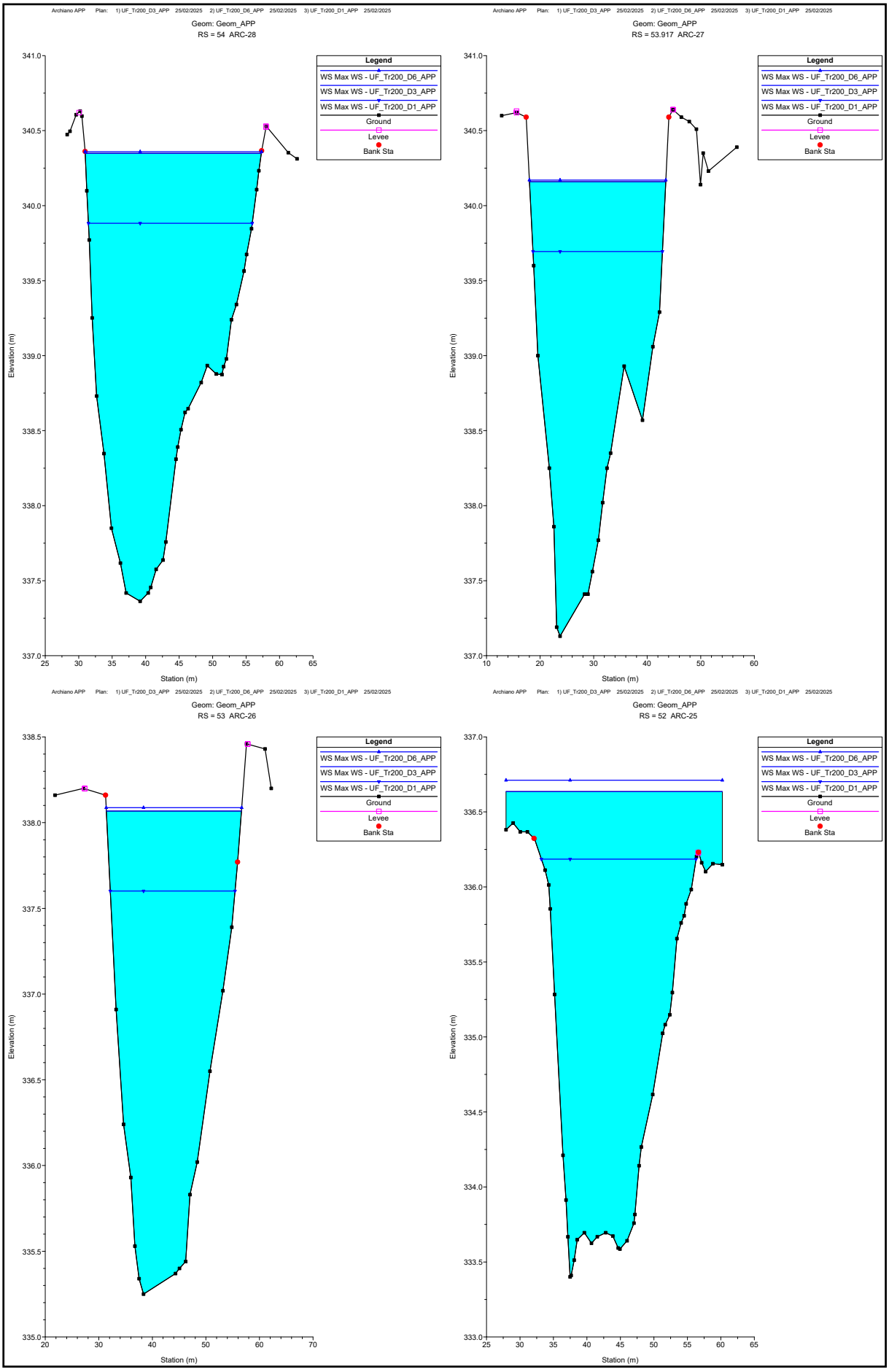
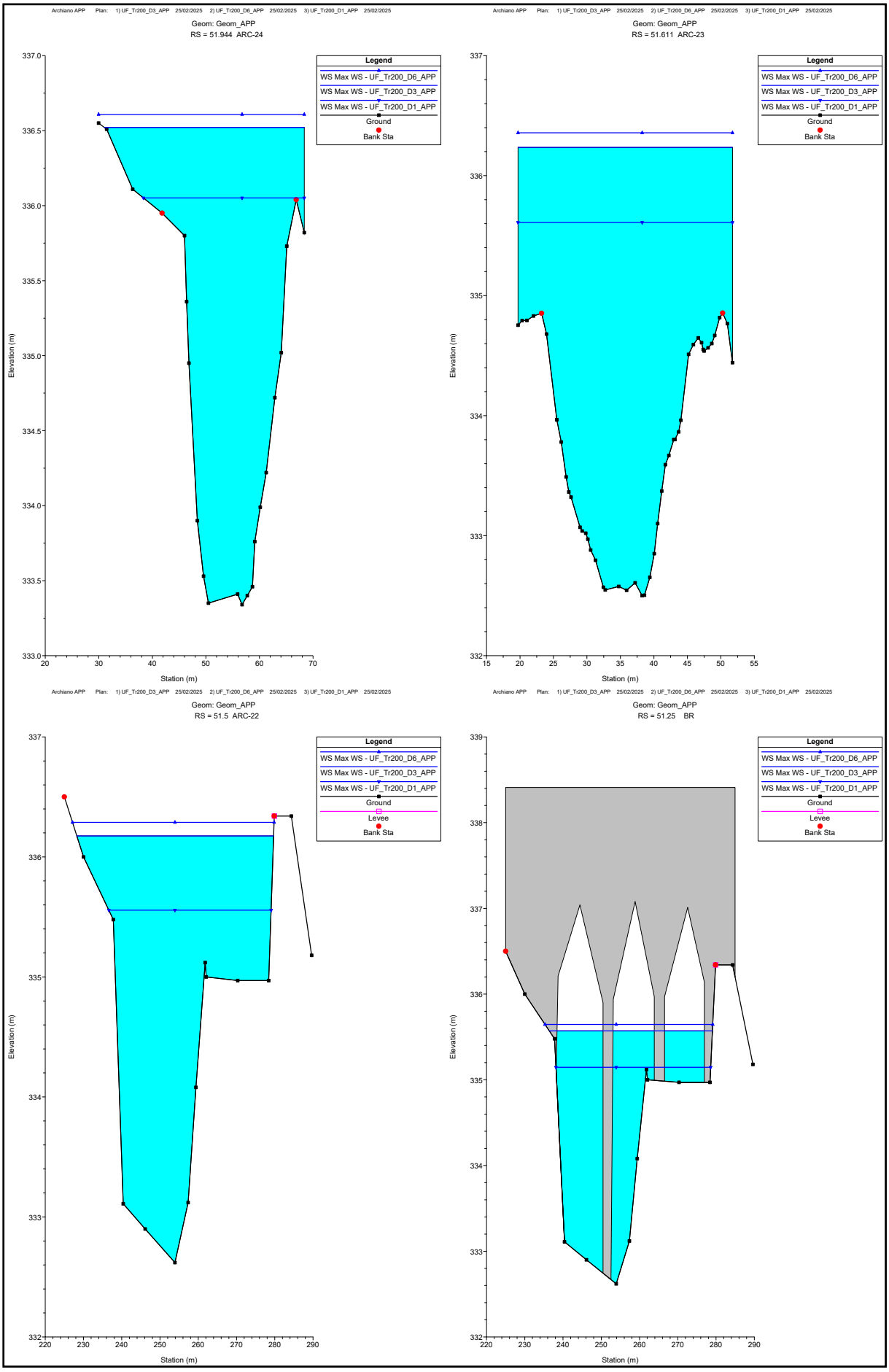
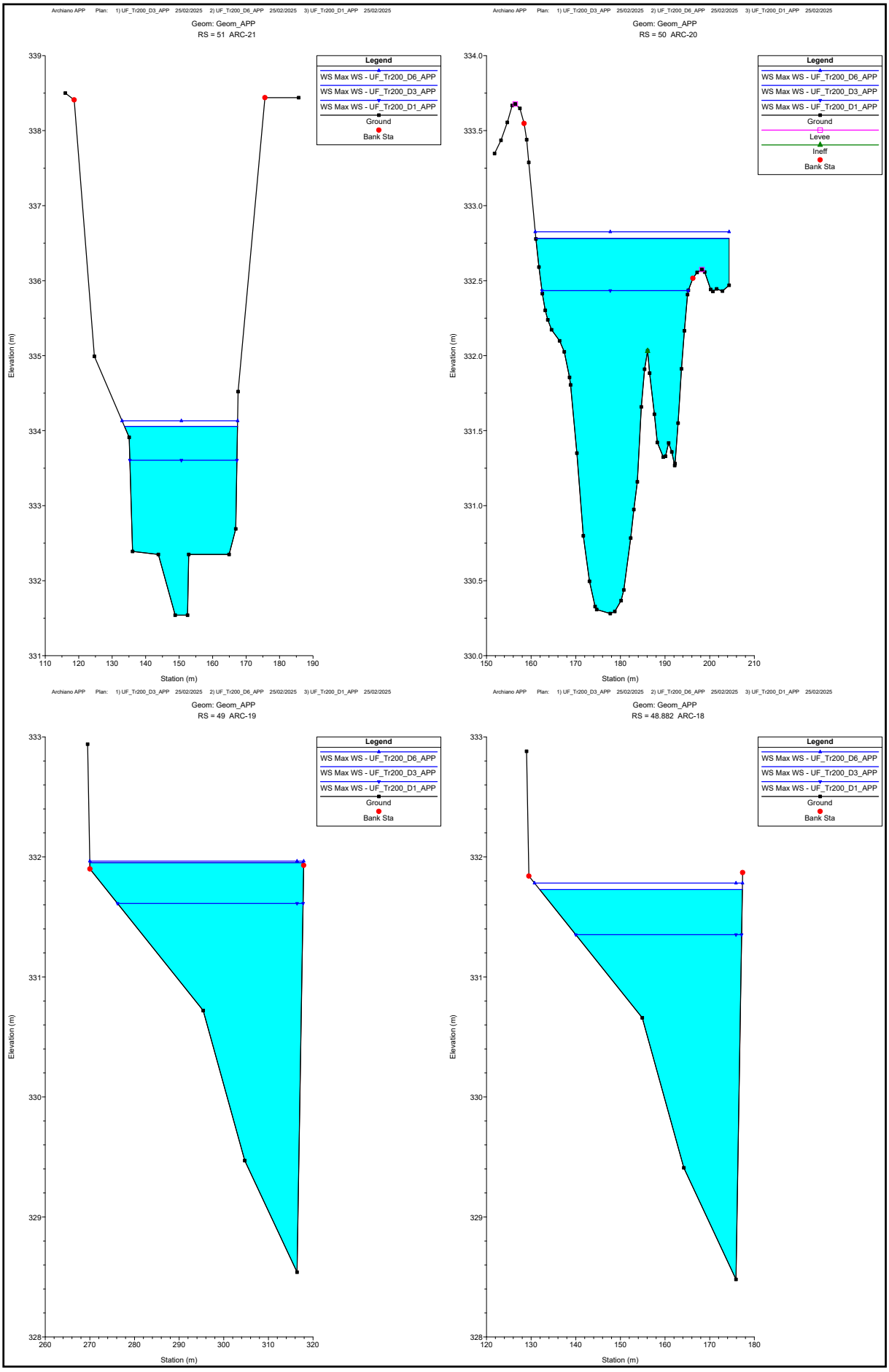
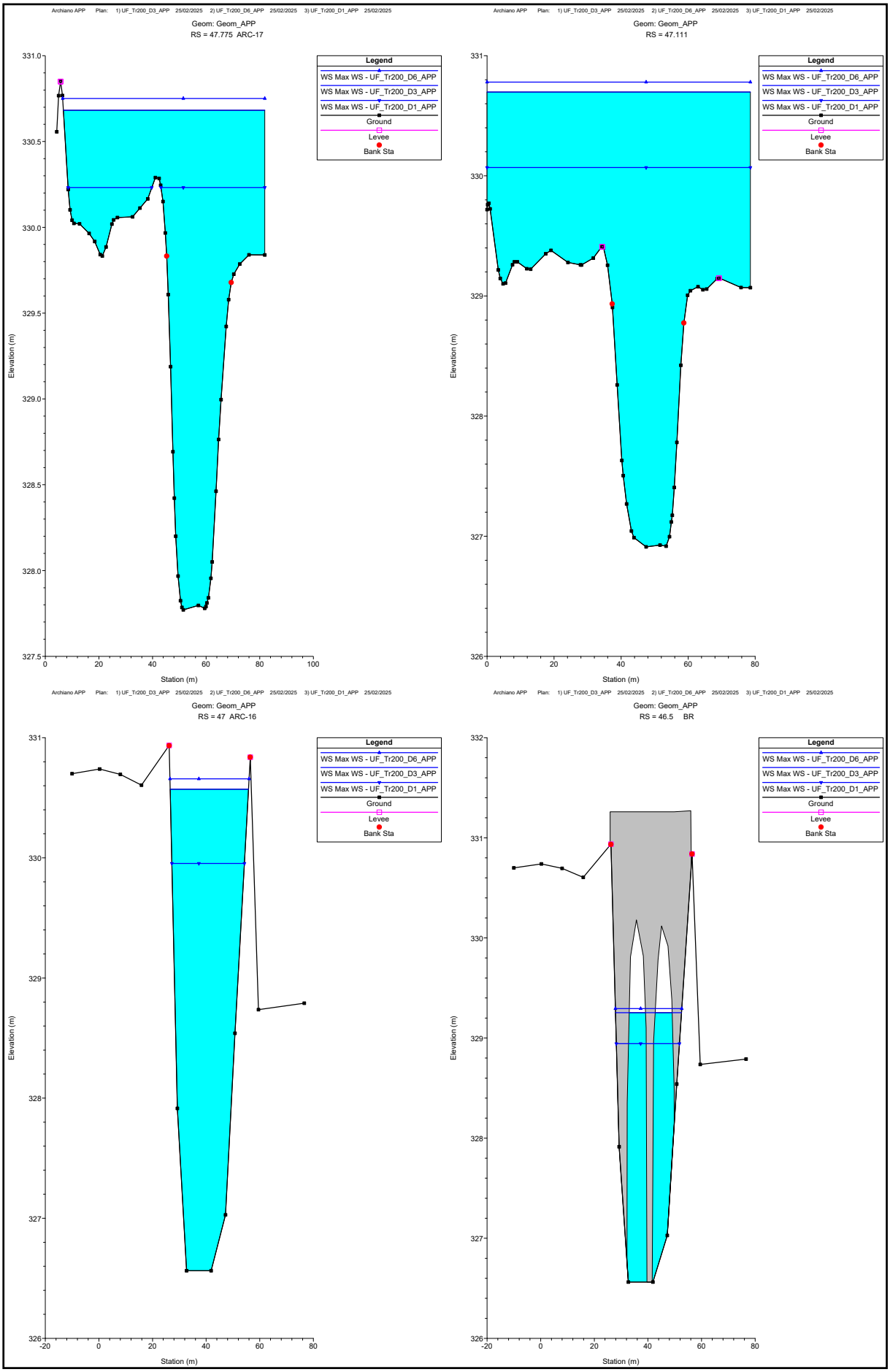
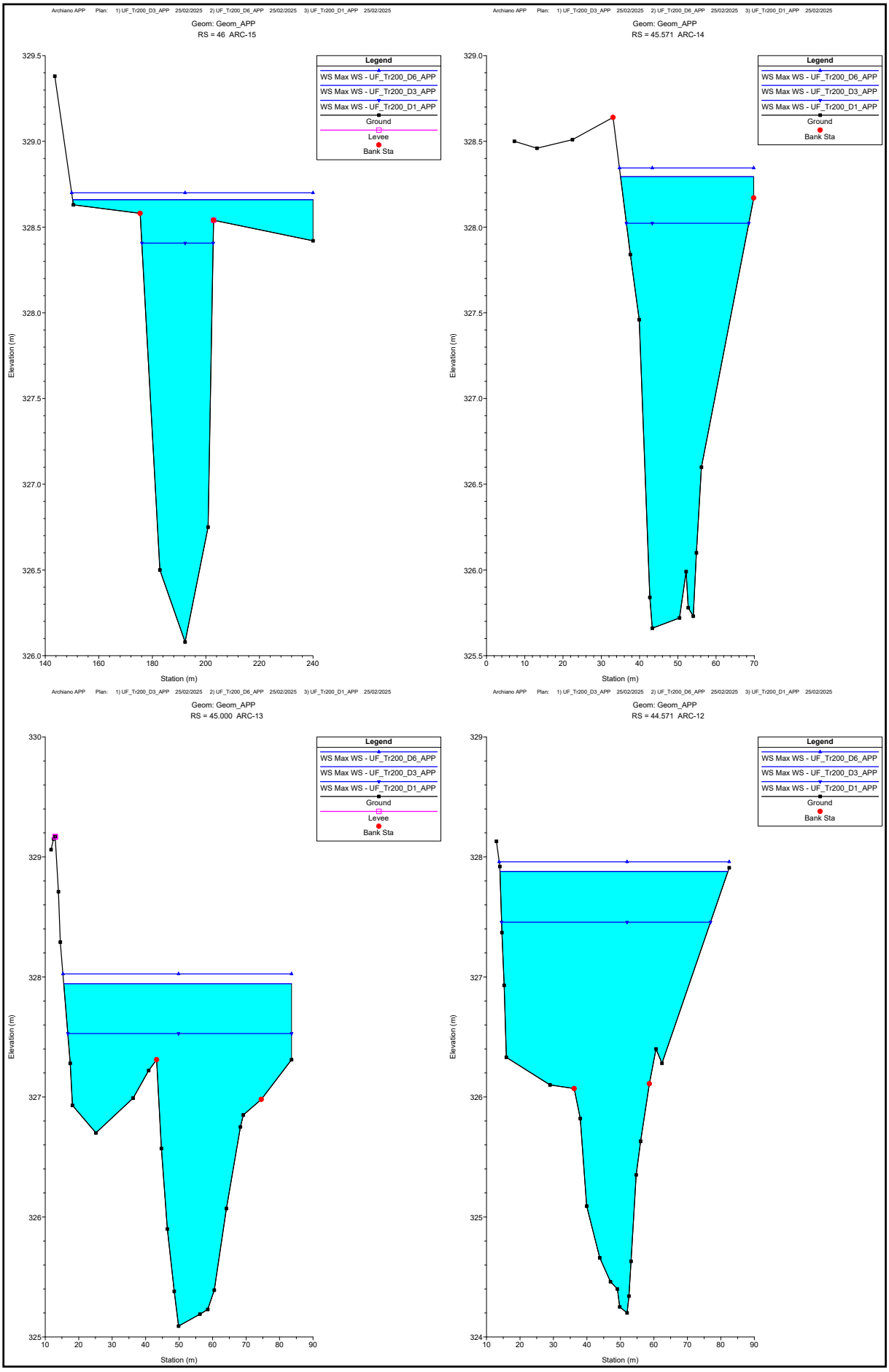
Geom: Geom_APP
RS = 56 ARC-32
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 55.545 ARC-31
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 55 ARC-30
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 54.6 ARC-29
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)


Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 54 ARC-28
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 53.917 ARC-27
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 53 ARC-26
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 52 ARC-25
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)


Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 51.944 ARC-24
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 51.611 ARC-23
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 51.5 ARC-22
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 51.25 BR
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)


Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 51 ARC-21
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 50 ARC-20
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Ineff
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 49 ARC-19
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 48.882 ARC-18
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)


Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 47.775 ARC-17
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 47.111
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 47 ARC-16
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 46.5 BR
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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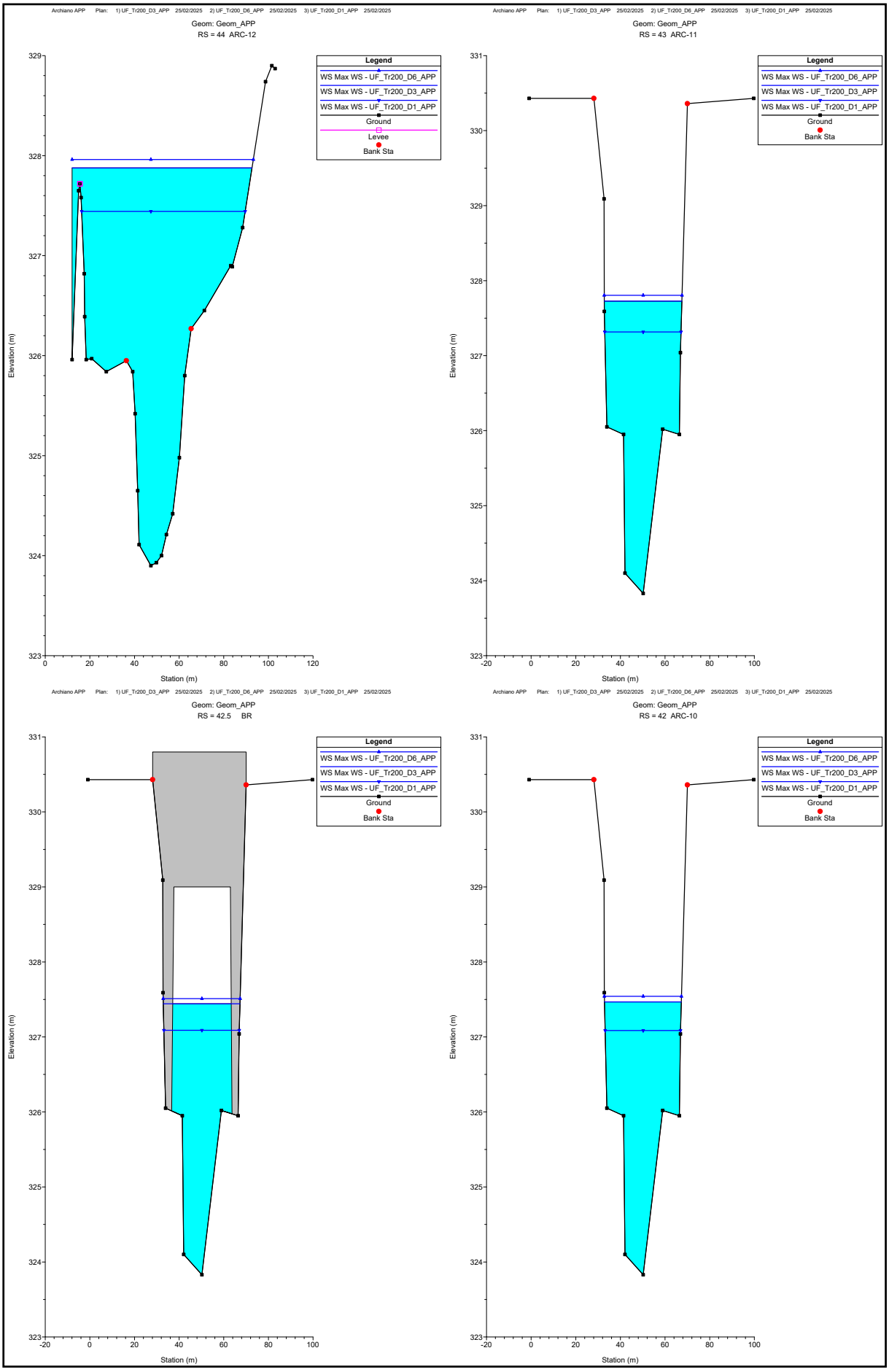
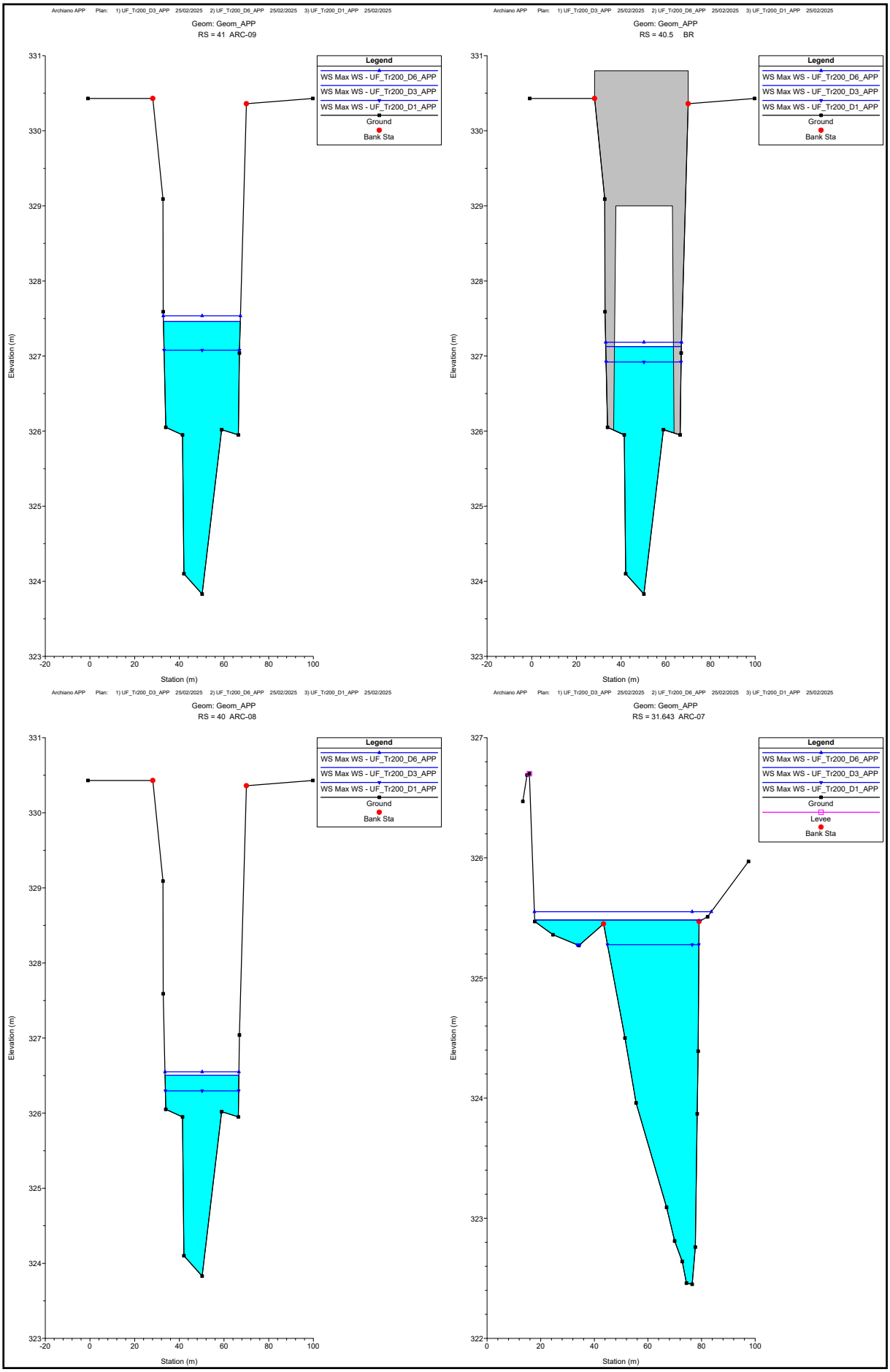
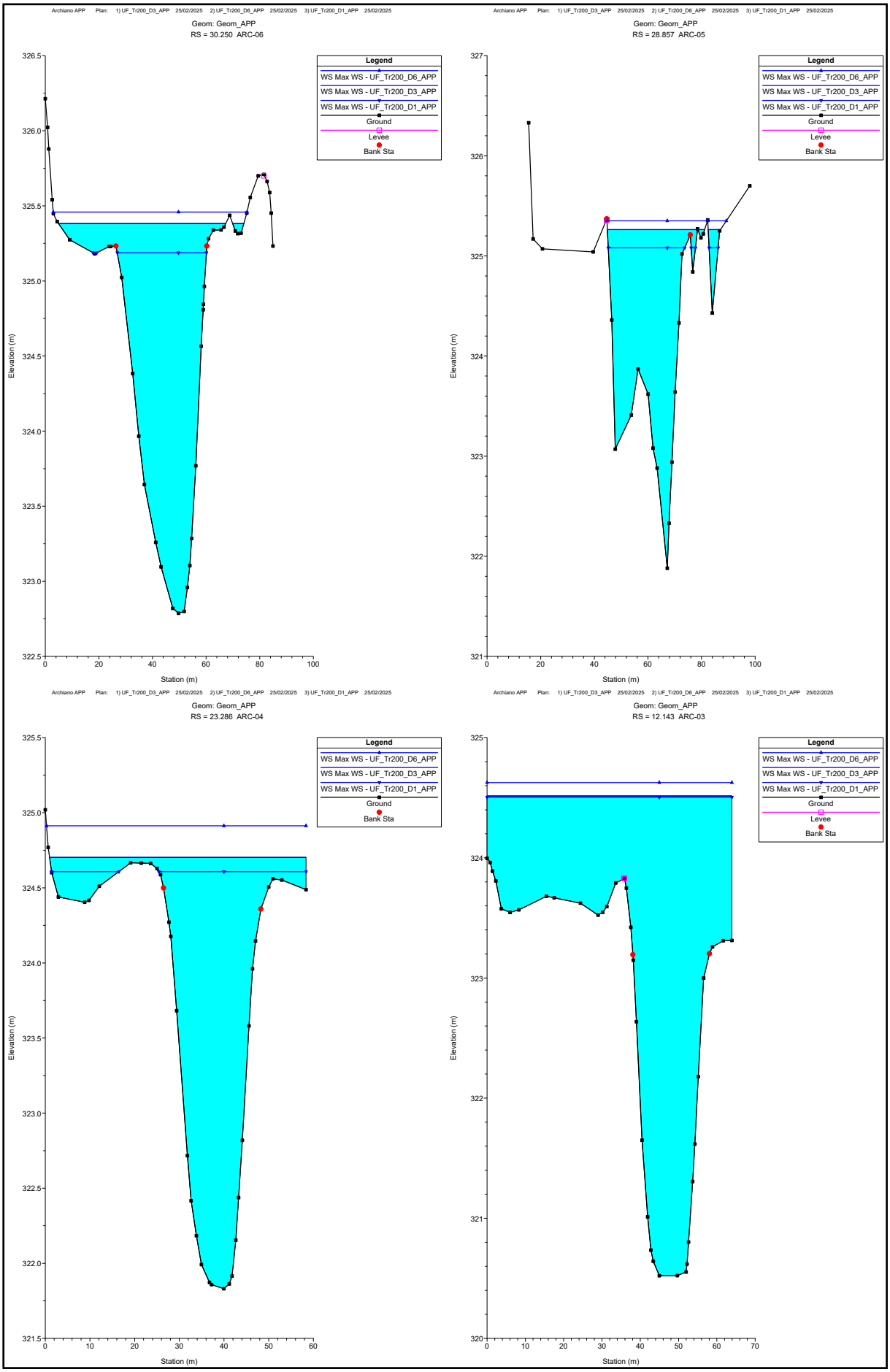
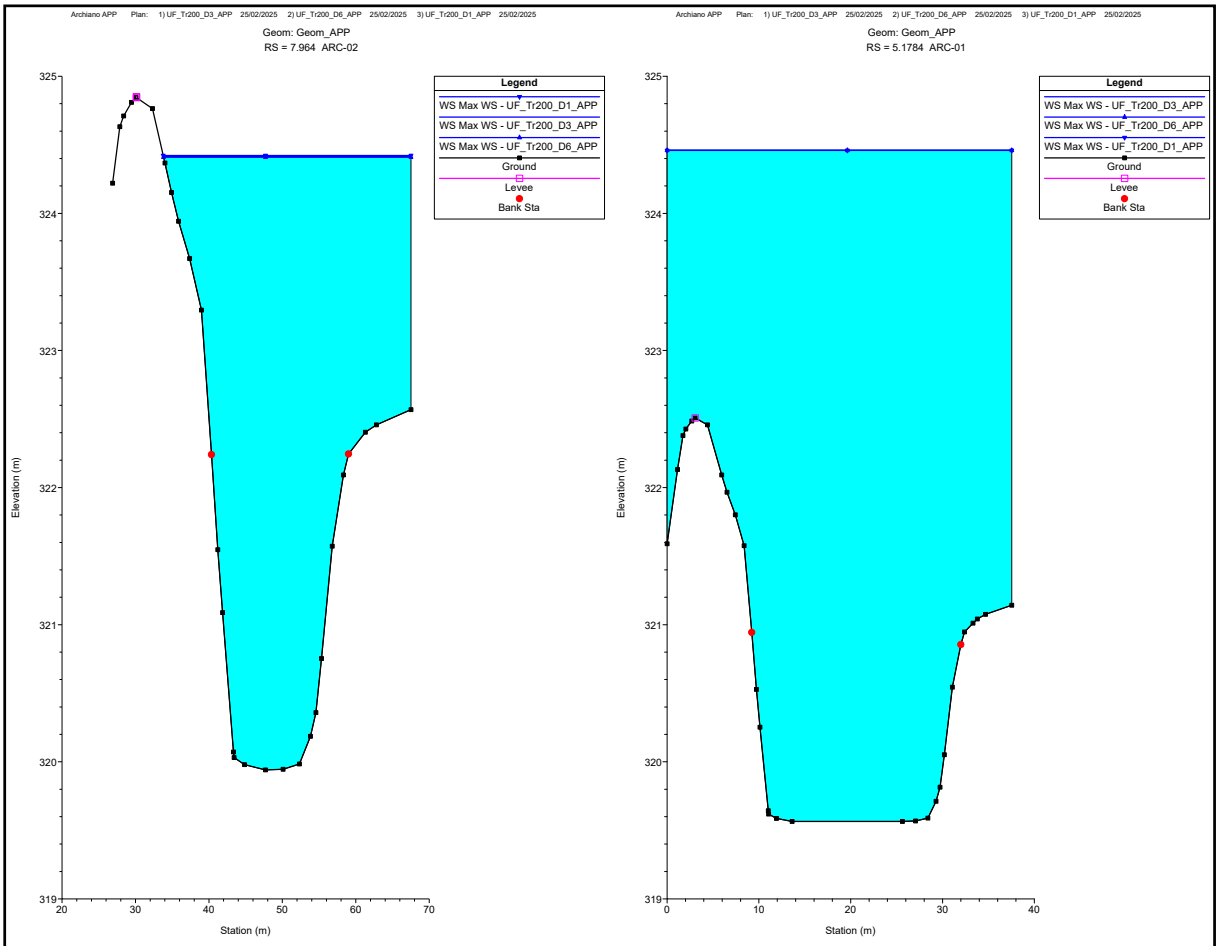
Geom: Geom_APP
RS = 46 ARC-15
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 45.571 ARC-14
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 45.000 ARC-13
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 44.571 ARC-12
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)


Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 44 ARC-12
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 43 ARC-11
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 42.5 BR
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 42 ARC-10
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)


Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 41 ARC-09
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 40.5 BR
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 40 ARC-08
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 31.643 ARC-07
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)


Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 30.250 ARC-06
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 28.857 ARC-05
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 23.286 ARC-04
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 12.143 ARC-03
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)


Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 7.964 ARC-02
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 5.1784 ARC-01
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)

ALLEGATI

MODELLAZIONE HEC-RAS 6.3.1 "ARCHIANO APP"

ARCHIANO

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 1, 3 e 6 h

Dati idraulici

HEC-RAS Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Monte	100	Max WS	UF_Tr200_D3_APP	192.20	431.49	434.00	434.80	436.30	0.030342	6.73	0.48	0.46	29.52	32.96	1.66
Monte	100	Max WS	UF_Tr200_D6_APP	192.60	431.49	434.00	434.80	436.31	0.030313	6.73	0.49	0.47	29.60	33.01	1.66
Monte	100	Max WS	UF_Tr200_D1_APP	102.60	431.49	433.32	433.85	435.01	0.032072	5.75			17.86	14.09	1.63
Monte	99	Max WS	UF_Tr200_D3_APP	192.19	429.79	432.35	432.83	434.06	0.018364	5.79			33.20	16.19	1.29
Monte	99	Max WS	UF_Tr200_D6_APP	192.60	429.79	432.35	432.84	434.06	0.018362	5.79			33.25	16.19	1.29
Monte	99	Max WS	UF_Tr200_D1_APP	102.59	429.79	431.58	431.84	432.76	0.019263	4.80			21.39	14.78	1.27
Monte	98	Max WS	UF_Tr200_D3_APP	192.18	427.98	431.05	430.98	432.12	0.009181	4.60		0.66	42.74	20.92	0.93
Monte	98	Max WS	UF_Tr200_D6_APP	192.59	427.98	431.05	430.98	432.13	0.009185	4.60		0.66	42.80	20.95	0.93
Monte	98	Max WS	UF_Tr200_D1_APP	102.59	427.98	430.29		430.91	0.007445	3.50			29.34	15.47	0.81
Monte	97	Max WS	UF_Tr200_D3_APP	192.18	427.60	430.22	430.52	431.91	0.017462	5.75			33.45	14.12	1.19
Monte	97	Max WS	UF_Tr200_D6_APP	192.59	427.60	430.23	430.53	431.91	0.017465	5.75			33.50	14.12	1.19
Monte	97	Max WS	UF_Tr200_D1_APP	102.59	427.60	429.47	429.57	430.48	0.014816	4.44			23.11	13.40	1.08
Monte	96	Max WS	UF_Tr200_D3_APP	192.18	427.31	429.94	429.93	431.11	0.011435	4.78			40.17	17.03	0.99
Monte	96	Max WS	UF_Tr200_D6_APP	192.59	427.31	429.94	429.93	431.11	0.011441	4.79			40.23	17.03	0.99
Monte	96	Max WS	UF_Tr200_D1_APP	102.59	427.31	429.24		429.90	0.009032	3.60			28.52	16.16	0.86
Monte	95	Max WS	UF_Tr200_D3_APP	192.17	426.84	429.56		430.42	0.007904	4.11			46.71	18.99	0.84
Monte	95	Max WS	UF_Tr200_D6_APP	192.59	426.84	429.56		430.43	0.007901	4.12			46.79	19.00	0.84
Monte	95	Max WS	UF_Tr200_D1_APP	102.58	426.84	428.69		429.26	0.008117	3.35			30.58	18.11	0.82
Monte	94	Max WS	UF_Tr200_D3_APP	192.17	426.74	429.47	429.13	430.38	0.008321	4.21			45.62	16.83	0.82
Monte	94	Max WS	UF_Tr200_D6_APP	192.59	426.74	429.47	429.13	430.38	0.008323	4.22			45.68	16.83	0.82
Monte	94	Max WS	UF_Tr200_D1_APP	102.59	426.74	428.60	428.31	429.16	0.007690	3.31			31.03	16.81	0.78
Monte	93.50			Bridge											
Monte	92	Max WS	UF_Tr200_D3_APP	192.17	426.66	428.72	429.05	430.30	0.020089	5.56			34.57	17.55	1.26
Monte	92	Max WS	UF_Tr200_D6_APP	192.59	426.66	428.73	429.05	430.31	0.020080	5.56			34.62	17.55	1.26
Monte	92	Max WS	UF_Tr200_D1_APP	102.59	426.66	428.10	428.27	429.06	0.018927	4.35			23.57	17.55	1.20
Monte	91	Max WS	UF_Tr200_D3_APP	192.17	426.49	428.48	428.92	430.15	0.022028	5.72			33.58	17.55	1.32
Monte	91	Max WS	UF_Tr200_D6_APP	192.59	426.49	428.48	428.92	430.15	0.022004	5.73			33.64	17.55	1.32
Monte	91	Max WS	UF_Tr200_D1_APP	102.58	426.49	427.86	428.08	428.89	0.021034	4.50			22.82	17.53	1.26
Monte	90	Max WS	UF_Tr200_D3_APP	192.17	426.22	428.33	428.39	429.34	0.011748	4.46	0.37	0.27	43.15	24.23	1.05
Monte	90	Max WS	UF_Tr200_D6_APP	192.57	426.22	428.33	428.39	429.34	0.011719	4.46	0.37	0.27	43.24	24.25	1.05
Monte	90	Max WS	UF_Tr200_D1_APP	102.58	426.22	427.72	427.71	428.35	0.011402	3.52			29.16	22.41	0.98
Monte	89	Max WS	UF_Tr200_D3_APP	192.17	426.07	428.10	428.48	429.65	0.019435	5.53	0.46	0.30	34.81	20.42	1.33
Monte	89	Max WS	UF_Tr200_D6_APP	192.51	426.07	428.10	428.49	429.66	0.019349	5.53	0.46	0.31	34.89	20.45	1.32
Monte	89	Max WS	UF_Tr200_D1_APP	102.58	426.07	427.49	427.72	428.50	0.019938	4.45			23.05	18.77	1.28
Monte	88	Max WS	UF_Tr200_D3_APP	191.76	425.09	427.49	427.92	429.07	0.017865	5.56		0.50	34.78	21.60	1.30
Monte	88	Max WS	UF_Tr200_D6_APP	192.49	425.09	427.50	427.92	429.07	0.017737	5.56		0.51	34.97	21.71	1.30
Monte	88	Max WS	UF_Tr200_D1_APP	102.58	425.09	426.90	427.05	427.84	0.015057	4.28			23.99	16.93	1.15
Intermedio	87	Max WS	UF_Tr200_D3_APP	201.54	425.13	427.09	427.54	428.55	0.019152	5.35		0.33	37.82	26.10	1.33
Intermedio	87	Max WS	UF_Tr200_D6_APP	204.17	425.13	427.11	427.57	428.58	0.019084	5.37		0.36	38.22	26.51	1.33
Intermedio	87	Max WS	UF_Tr200_D1_APP	107.55	425.13	426.45	426.72	427.51	0.023198	4.57			23.55	21.09	1.38
Intermedio	86.9			Lat Struct											
Intermedio	86.8			Lat Struct											
Intermedio	86	Max WS	UF_Tr200_D3_APP	201.61	424.28	426.73	427.06	428.10	0.014346	5.19		0.62	40.41	28.88	1.16
Intermedio	86	Max WS	UF_Tr200_D6_APP	204.25	424.28	426.75	427.08	428.13	0.014349	5.21		0.65	40.87	29.11	1.16
Intermedio	86	Max WS	UF_Tr200_D1_APP	107.58	424.28	426.05	426.12	426.91	0.013566	4.12			26.12	17.59	1.08
Intermedio	85	Max WS	UF_Tr200_D3_APP	201.75	424.04	426.41	426.97	428.03	0.017887	5.64			35.78	18.25	1.29
Intermedio	85	Max WS	UF_Tr200_D6_APP	204.42	424.04	426.42	426.98	428.06	0.017939	5.67			36.07	18.28	1.29
Intermedio	85	Max WS	UF_Tr200_D1_APP	107.65	424.04	425.74	425.93	426.76	0.016706	4.47			24.07	17.03	1.20
Intermedio	84	Max WS	UF_Tr200_D3_APP	201.46	423.54	425.82	426.29	427.53	0.020543	5.80		0.87	35.09	21.14	1.39
Intermedio	84	Max WS	UF_Tr200_D6_APP	204.08	423.54	425.83	426.31	427.56	0.020568	5.83		0.89	35.39	21.18	1.39
Intermedio	84	Max WS	UF_Tr200_D1_APP	107.75	423.54	425.15	425.47	426.34	0.021531	4.82			22.36	17.37	1.36
Intermedio	83	Max WS	UF_Tr200_D3_APP	197.23	422.84	425.45	425.50	426.43	0.010419	4.42	0.38	0.89	46.10	29.64	0.99
Intermedio	83	Max WS	UF_Tr200_D6_APP	199.56	422.84	425.46	425.51	426.46	0.010404	4.44	0.40	0.91	46.54	29.77	0.99
Intermedio	83	Max WS	UF_Tr200_D1_APP	107.83	422.84	424.76	424.70	425.43	0.010359	3.63			29.73	19.74	0.94
Intermedio	82	Max WS	UF_Tr200_D3_APP	193.65	422.02	425.16		425.70	0.004532	3.29	0.67	0.62	60.98	29.68	0.69
Intermedio	82	Max WS	UF_Tr200_D6_APP	195.90	422.02	425.17		425.72	0.004537	3.30	0.68	0.63	61.44	29.68	0.69
Intermedio	82	Max WS	UF_Tr200_D1_APP	107.95	422.02	424.46		424.81	0.004415	2.63			41.02	24.01	0.64
Intermedio	81	Max WS	UF_Tr200_D3_APP	196.49	422.32	425.13	424.53	425.51	0.003353	2.75	0.73	0.67	76.47	41.33	0.59
Intermedio	81	Max WS	UF_Tr200_D6_APP	198.76	422.32	425.14	424.55	425.52	0.003346	2.76	0.74	0.68	77.12	41.33	0.59
Intermedio	81	Max WS	UF_Tr200_D1_APP	108.02	422.32	424.41	423.93	424.68	0.003946	2.29	0.18	0.12	47.37	36.31	0.60
Intermedio	80.750			Inl Struct											
Intermedio	80.500	Max WS	UF_Tr200_D3_APP	196.49	415.99	417.89	418.48	419.79	0.031783	6.10			32.24	23.66	1.67
Intermedio	80.500	Max WS	UF_Tr200_D6_APP	198.76	415.99	417.91	418.48	419.81	0.031694	6.11			32.54	23.75	1.67
Intermedio	80.500	Max WS	UF_Tr200_D1_APP	108.02	415.99	417.35	417.81	418.77	0.034349	5.27			20.49	20.11	1.67
Intermedio	80	Max WS	UF_Tr200_D3_APP	197.07	415.23	417.43	417.86	419.06	0.021386	5.64			34.93	21.09	1.40
Intermedio	80	Max WS	UF_Tr200_D6_APP	199.39	415.23	417.45	417.89	419.08	0.021336	5.66			35.22	21.11	1.40
Intermedio	80	Max WS	UF_Tr200_D1_APP	108.07	415.23	416.86	417.15	417.97	0.022623	4.66			23.22	19.90	1.38
Intermedio	79.879	Max WS	UF_Tr200_D3_APP	198.20	411.95	414.60	414.83	415.93	0.014152	5.09			38.92	20.02	1.17
Intermedio	79.879	Max WS	UF_Tr200_D6_APP	200.83	411.95	414.62	414.85	415.96	0.014152	5.11			39.27	20.06	1.17
Intermedio	79.879	Max WS	UF_Tr200_D1_APP	108.52	411.95	413.93	414.05	414.82	0.014172	4.18			25.98	18.38	1.12
Intermedio	79.707	Max WS	UF_Tr200_D3_APP	203.99	408.84	411.92		412.72	0.008826	3.96			51.47	27.21	0.92
Intermedio	79.707	Max WS	UF_Tr200_D6_APP	207.26	408.84	411.95		412.75	0.008744	3.97			52.20	27.32	0.92
Intermedio	79.707	Max WS	UF_Tr200_D1_APP	109.19	408.84	410.99	410.99	411.69	0.011306	3.73			29.31	20.57	1.00
Intermedio	79.673	Max WS	UF_Tr200_D3_APP	204.48	407.71	411.70	410.94	412.16	0.003849	3.00			68.15	29.37	0.63
Intermedio	79.673	Max WS	UF_Tr200_D6_APP	207.83	407.71	411.73	410.98	412.19	0.003830	3.01			69.02	29.47	0.63
Intermedio	79.673	Max WS	UF_Tr200_D1_APP	109.34	407.71	410.70	410.07	411.05	0.003957	2.62			41.79	22.65	0.62
Intermedio	79.66			Inl Struct											
Intermedio	79.655	Max WS	UF_Tr200_D3_APP	204.48	406.07	408.67		409.55	0.009144	4.17			49.03	23.90	0.93
Intermedio	79.655	Max WS	UF_Tr200_D6_APP	207.83	406.07	408.69		409.59	0.009116	4.19			49.61	23.94	0.93
Intermedio	79.655	Max WS	UF_Tr200_D1_APP	109.33	406.07	407.93		408.53	0.009737	3.42			31.98	22.62	0.92
Intermedio	79.65			Lat Struct											
Intermedio	79.64			Lat Struct											
Intermedio	79.621	Max WS	UF_Tr200_D3_APP	204.84	405.43	408.28		409.14	0.008439	4.13			49.59	23.85	0.91

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Intermedio	79.621	Max WS	UF_Tr200_D6_APP	208.42	405.43	408.30		409.18	0.008421	4.15			50.24	23.95	0.91
Intermedio	79.621	Max WS	UF_Tr200_D1_APP	109.48	405.43	407.46		408.09	0.009188	3.49			31.38	21.01	0.91
Intermedio	79.569	Max WS	UF_Tr200_D3_APP	205.41	404.31	407.69	407.75	408.91	0.011017	4.90			41.94	18.35	1.03
Intermedio	79.569	Max WS	UF_Tr200_D6_APP	209.01	404.31	407.72	407.78	408.95	0.011019	4.92			42.46	18.44	1.04
Intermedio	79.569	Max WS	UF_Tr200_D1_APP	109.70	404.31	406.84	406.81	407.66	0.010549	4.00			27.42	16.04	0.98
Intermedio	79.451	Max WS	UF_Tr200_D3_APP	206.26	403.27	406.15	406.16	407.24	0.010490	4.63			44.51	20.57	1.01
Intermedio	79.451	Max WS	UF_Tr200_D6_APP	210.11	403.27	406.18	406.19	407.28	0.010480	4.66			45.10	20.65	1.01
Intermedio	79.451	Max WS	UF_Tr200_D1_APP	110.20	403.27	405.30	405.30	406.08	0.011168	3.92			28.13	17.90	1.00
Intermedio	79.418	Max WS	UF_Tr200_D3_APP	206.54	402.71	405.77		406.67	0.008227	4.19			49.25	21.87	0.89
Intermedio	79.418	Max WS	UF_Tr200_D6_APP	210.55	402.71	405.80		406.71	0.008243	4.22			49.89	21.96	0.89
Intermedio	79.418	Max WS	UF_Tr200_D1_APP	110.35	402.71	404.88		405.54	0.009599	3.60			30.68	19.66	0.92
Intermedio	79.384	Max WS	UF_Tr200_D3_APP	206.82	402.12	405.47		406.28	0.007366	3.99			51.80	22.41	0.84
Intermedio	79.384	Max WS	UF_Tr200_D6_APP	210.88	402.12	405.49		406.32	0.007388	4.02			52.44	22.49	0.84
Intermedio	79.384	Max WS	UF_Tr200_D1_APP	110.50	402.12	404.54		405.10	0.006701	3.30			33.51	18.24	0.78
Intermedio	79.367	Max WS	UF_Tr200_D3_APP	206.95	401.90	405.34		405.98	0.005114	3.53			58.59	24.07	0.72
Intermedio	79.367	Max WS	UF_Tr200_D6_APP	211.04	401.90	405.37		406.02	0.005144	3.56			59.27	24.15	0.73
Intermedio	79.367	Max WS	UF_Tr200_D1_APP	110.56	401.90	404.44		404.87	0.004872	2.90			38.19	20.69	0.68
Intermedio	79.317	Max WS	UF_Tr200_D3_APP	202.64	401.34	405.05	404.40	405.52	0.003825	3.05	0.57	0.66	69.11	33.20	0.63
Intermedio	79.317	Max WS	UF_Tr200_D6_APP	206.13	401.34	405.08	404.49	405.55	0.003792	3.06	0.58	0.67	70.10	33.20	0.63
Intermedio	79.317	Max WS	UF_Tr200_D1_APP	110.80	401.34	404.14	403.48	404.50	0.004194	2.67			41.52	22.66	0.63
Intermedio	79.310			Inl Struct											
Intermedio	79.284	Max WS	UF_Tr200_D3_APP	202.64	398.35	401.87		402.59	0.005709	3.76			53.90	21.49	0.76
Intermedio	79.284	Max WS	UF_Tr200_D6_APP	206.13	398.35	401.90		402.63	0.005717	3.77			54.70	21.76	0.76
Intermedio	79.284	Max WS	UF_Tr200_D1_APP	110.80	398.35	400.84		401.39	0.006312	3.28			33.73	18.02	0.77
Intermedio	79.267	Max WS	UF_Tr200_D3_APP	204.87	397.81	401.81	400.95	402.31	0.003812	3.12			65.75	26.19	0.63
Intermedio	79.267	Max WS	UF_Tr200_D6_APP	208.71	397.81	401.85	400.98	402.35	0.003797	3.13			66.70	26.32	0.63
Intermedio	79.267	Max WS	UF_Tr200_D1_APP	110.88	397.81	400.77	400.09	401.14	0.003688	2.68			41.36	20.19	0.60
Intermedio	79.255			Inl Struct											
Intermedio	79.233	Max WS	UF_Tr200_D3_APP	204.87	396.73	399.75	399.90	400.92	0.012710	4.80			42.69	22.37	1.11
Intermedio	79.233	Max WS	UF_Tr200_D6_APP	208.71	396.73	399.78	399.92	400.96	0.012603	4.81			43.36	22.45	1.11
Intermedio	79.233	Max WS	UF_Tr200_D1_APP	110.88	396.73	398.97	399.11	399.86	0.014338	4.18			26.51	18.87	1.13
Intermedio	79.149	Max WS	UF_Tr200_D3_APP	207.05	395.25	398.59	398.66	399.89	0.011323	5.06			40.90	16.89	1.04
Intermedio	79.149	Max WS	UF_Tr200_D6_APP	211.33	395.25	398.62	398.70	399.95	0.011321	5.09			41.51	16.97	1.04
Intermedio	79.149	Max WS	UF_Tr200_D1_APP	111.30	395.25	397.70	397.67	398.57	0.010792	4.15			26.84	14.76	0.98
Intermedio	79.065	Max WS	UF_Tr200_D3_APP	208.80	394.40	397.68		398.50	0.007067	4.01			52.03	22.23	0.84
Intermedio	79.065	Max WS	UF_Tr200_D6_APP	213.28	394.40	397.72		398.55	0.007045	4.04			52.84	22.31	0.84
Intermedio	79.065	Max WS	UF_Tr200_D1_APP	111.73	394.40	396.77		397.37	0.008099	3.42			32.64	20.16	0.86
Intermedio	79.015	Max WS	UF_Tr200_D3_APP	209.20	394.07	397.42	396.54	397.91	0.003480	3.11	0.08	0.26	68.21	31.84	0.60
Intermedio	79.015	Max WS	UF_Tr200_D6_APP	213.75	394.07	397.45	396.57	397.95	0.003474	3.13	0.11	0.28	69.40	32.95	0.60
Intermedio	79.015	Max WS	UF_Tr200_D1_APP	111.99	394.07	396.47	395.76	396.78	0.003308	2.49			44.91	22.24	0.56
Intermedio	79.005			Inl Struct											
Intermedio	79	Max WS	UF_Tr200_D3_APP	209.20	392.73	395.80		396.48	0.005742	3.66			57.18	22.20	0.73
Intermedio	79	Max WS	UF_Tr200_D6_APP	213.75	392.73	395.84		396.53	0.005727	3.68			58.05	22.23	0.73
Intermedio	79	Max WS	UF_Tr200_D1_APP	111.98	392.73	394.86		395.34	0.006487	3.06			36.62	21.42	0.75
Intermedio	78.932	Max WS	UF_Tr200_D3_APP	209.35	392.59	395.68		396.42	0.006984	3.82			54.83	25.93	0.84
Intermedio	78.932	Max WS	UF_Tr200_D6_APP	213.91	392.59	395.72		396.46	0.006910	3.83			55.87	26.09	0.84
Intermedio	78.932	Max WS	UF_Tr200_D1_APP	112.06	392.59	394.70		395.34	0.009313	3.52			31.81	21.28	0.92
Intermedio	78.796	Max WS	UF_Tr200_D3_APP	209.63	391.78	395.47		396.01	0.004233	3.28			63.96	25.38	0.66
Intermedio	78.796	Max WS	UF_Tr200_D6_APP	214.23	391.78	395.51		396.06	0.004232	3.29			65.05	25.62	0.66
Intermedio	78.796	Max WS	UF_Tr200_D1_APP	112.24	391.78	394.42		394.83	0.004946	2.85			39.37	22.00	0.68
Intermedio	78.728	Max WS	UF_Tr200_D3_APP	209.77	391.70	395.42	394.47	395.91	0.003412	3.08			68.09	24.59	0.59
Intermedio	78.728	Max WS	UF_Tr200_D6_APP	214.39	391.70	395.47	394.50	395.96	0.003419	3.10			69.12	24.75	0.59
Intermedio	78.728	Max WS	UF_Tr200_D1_APP	112.34	391.70	394.37	393.69	394.70	0.003446	2.55			44.03	21.66	0.57
Intermedio	78.7			Inl Struct											
Intermedio	78.661	Max WS	UF_Tr200_D3_APP	209.77	387.93	390.66		391.63	0.008774	4.38			47.91	20.67	0.92
Intermedio	78.661	Max WS	UF_Tr200_D6_APP	214.38	387.93	390.69		391.68	0.008783	4.41			48.60	20.72	0.92
Intermedio	78.661	Max WS	UF_Tr200_D1_APP	112.32	387.93	389.89		390.50	0.008204	3.46			32.44	19.50	0.86
Intermedio	78.593	Max WS	UF_Tr200_D3_APP	209.91	387.77	390.47	390.46	391.48	0.010317	4.47			46.99	22.75	0.99
Intermedio	78.593	Max WS	UF_Tr200_D6_APP	214.54	387.77	390.50	390.49	391.53	0.010269	4.49			47.75	22.82	0.99
Intermedio	78.593	Max WS	UF_Tr200_D1_APP	112.42	387.77	389.69	389.69	390.41	0.011629	3.75			29.97	21.07	1.00
Intermedio	78.457	Max WS	UF_Tr200_D3_APP	210.20	387.01	390.07		390.96	0.008338	4.18			50.23	23.26	0.91
Intermedio	78.457	Max WS	UF_Tr200_D6_APP	214.86	387.01	390.11		391.01	0.008283	4.21			51.08	23.34	0.91
Intermedio	78.457	Max WS	UF_Tr200_D1_APP	112.61	387.01	389.24		389.89	0.009615	3.55			31.69	21.34	0.93
Intermedio	78.05	Max WS	UF_Tr200_D3_APP	211.06	385.49	389.23	388.77	390.02	0.005388	3.92			53.86	22.83	0.76
Intermedio	78.05	Max WS	UF_Tr200_D6_APP	215.82	385.49	389.27	388.80	390.07	0.005358	3.95			54.67	22.98	0.76
Intermedio	78.05	Max WS	UF_Tr200_D1_APP	113.20	385.49	388.30	387.93	388.81	0.005741	3.17			35.72	19.57	0.74
Intermedio	78.025			Bridge											
Intermedio	78	Max WS	UF_Tr200_D3_APP	211.06	384.97	388.07	388.31	389.48	0.013338	5.26			40.13	20.34	1.15
Intermedio	78	Max WS	UF_Tr200_D6_APP	215.82	384.97	388.11	388.35	389.54	0.013324	5.30			40.75	20.45	1.16
Intermedio	78	Max WS	UF_Tr200_D1_APP	113.20	384.97	387.30	387.43	388.25	0.013900	4.32			26.18	17.74	1.12
Intermedio	77.95			Lat Struct											
Intermedio	77.93			Lat Struct											
Intermedio	77	Max WS	UF_Tr200_D3_APP	212.87	381.49	384.86	384.92	386.16	0.011218	5.05			42.19	17.57	1.04
Intermedio	77	Max WS	UF_Tr200_D6_APP	217.81	381.49	384.90	384.97	386.22	0.011255	5.09			42.82	17.65	1.04
Intermedio	77	Max WS	UF_Tr200_D1_APP	114.50	381.49	384.01	383.98	384.86	0.010699	4.09			27.98	15.85	0.98
Intermedio	76.583	Max WS	UF_Tr200_D3_APP	213.58	380.67	383.76	383.87	384.96	0.011950	4.84	0.22		44.15	21.61	1.08
Intermedio	76.583	Max WS	UF_Tr200_D6_APP	218.58	380.67	383.80	383.91	385.01	0.011920	4.88	0.27		44.84	21.69	1.08
Intermedio	76.583	Max WS	UF_Tr200_D1_APP	115.07	380.67	382.96	383.02	383.83	0.012126	4.12			27.92	17.64	1.05
Intermedio	76	Max WS	UF_Tr200_D3_APP	214.62	379.42	382.76	382.06	383.21	0.004270	2.97		0.16	72.63	39.97	0.66
Intermedio	76	Max WS	UF_Tr200_D6_APP	219.65	379.42	382.80	382.09	383.25	0.004258	2.99		0.20	73.90	40.58	0.66
Intermedio	76	Max WS	UF_Tr200_D1_APP	115.97	379.42	381.92	381.34	382.23	0.003802	2.48			46.68	26.84	0.60
Intermedio	75.75			Inl Struct											

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Intermedio	75.667	Max WS	UF_Tr200_D3_APP	214.62	377.82	380.98		381.47	0.003595	3.10			69.21	25.58	0.60
Intermedio	75.667	Max WS	UF_Tr200_D6_APP	219.65	377.82	381.02		381.52	0.003598	3.13			70.27	25.65	0.60
Intermedio	75.667	Max WS	UF_Tr200_D1_APP	115.97	377.82	380.04		380.37	0.003631	2.53			45.91	23.98	0.58
Intermedio	75.333	Max WS	UF_Tr200_D3_APP	214.69	377.69	380.99	380.05	381.42	0.003267	2.90			74.11	28.85	0.58
Intermedio	75.333	Max WS	UF_Tr200_D6_APP	219.72	377.69	381.04	380.07	381.47	0.003269	2.92			75.36	29.06	0.58
Intermedio	75.333	Max WS	UF_Tr200_D1_APP	116.02	377.69	380.05	379.36	380.33	0.003038	2.36			49.24	25.23	0.54
Intermedio	75.25			Inl Struct											
Intermedio	75	Max WS	UF_Tr200_D3_APP	214.69	376.52	378.77		379.61	0.010031	4.05			53.02	27.39	0.93
Intermedio	75	Max WS	UF_Tr200_D6_APP	219.72	376.52	378.80		379.65	0.010061	4.08			53.82	27.53	0.93
Intermedio	75	Max WS	UF_Tr200_D1_APP	116.02	376.52	378.14		378.64	0.008036	3.13			37.03	24.22	0.81
Intermedio	74	Max WS	UF_Tr200_D3_APP	214.81	376.45	378.63		379.41	0.008766	3.91			54.93	28.30	0.90
Intermedio	74	Max WS	UF_Tr200_D6_APP	219.84	376.45	378.66		379.45	0.008776	3.94			55.75	28.37	0.90
Intermedio	74	Max WS	UF_Tr200_D1_APP	116.13	376.45	378.02		378.48	0.007497	3.02			38.47	26.46	0.80
Intermedio	73	Max WS	UF_Tr200_D3_APP	214.96	375.59	378.27	378.51	379.58	0.014273	5.07			42.39	22.14	1.17
Intermedio	73	Max WS	UF_Tr200_D6_APP	220.01	375.59	378.31	378.54	379.63	0.014229	5.10			43.11	22.24	1.17
Intermedio	73	Max WS	UF_Tr200_D1_APP	116.27	375.59	377.56	377.71	378.48	0.015011	4.23			27.50	19.88	1.15
Intermedio	72	Max WS	UF_Tr200_D3_APP	215.10	375.31	378.05	378.18	379.24	0.012491	4.83			44.57	22.47	1.09
Intermedio	72	Max WS	UF_Tr200_D6_APP	220.14	375.31	378.08	378.22	379.28	0.012449	4.86			45.31	22.54	1.09
Intermedio	72	Max WS	UF_Tr200_D1_APP	116.39	375.31	377.33	377.42	378.15	0.013715	4.03			28.89	20.95	1.10
Intermedio	71.841	Max WS	UF_Tr200_D3_APP	216.18	373.42	376.43	376.37	377.39	0.009199	4.34			49.77	23.65	0.96
Intermedio	71.841	Max WS	UF_Tr200_D6_APP	221.23	373.42	376.47	376.40	377.44	0.009194	4.37			50.58	23.77	0.96
Intermedio	71.841	Max WS	UF_Tr200_D1_APP	117.36	373.42	375.65		376.32	0.009673	3.65			32.18	20.91	0.94
Intermedio	71.659	Max WS	UF_Tr200_D3_APP	217.43	371.82	375.28		375.90	0.004913	3.50			62.21	25.44	0.71
Intermedio	71.659	Max WS	UF_Tr200_D6_APP	222.49	371.82	375.31		375.95	0.004956	3.53			63.02	25.53	0.72
Intermedio	71.659	Max WS	UF_Tr200_D1_APP	118.55	371.82	374.45		374.85	0.004584	2.82			42.05	22.84	0.66
Intermedio	71.5	Max WS	UF_Tr200_D3_APP	201.17	370.48	374.92	373.71	375.26	0.002162	2.59	0.40	0.56	80.72	32.60	0.48
Intermedio	71.5	Max WS	UF_Tr200_D6_APP	204.63	370.48	374.95	373.74	375.30	0.002159	2.61	0.42	0.57	81.72	32.60	0.48
Intermedio	71.5	Max WS	UF_Tr200_D1_APP	119.73	370.48	374.10	372.96	374.33	0.002288	2.16		0.15	55.51	27.90	0.47
Intermedio	71.4			Inl Struct											
Intermedio	71.3	Max WS	UF_Tr200_D3_APP	201.17	368.66	374.78		374.86	0.000250	1.23	0.18	0.28	170.39	38.05	0.17
Intermedio	71.3	Max WS	UF_Tr200_D6_APP	204.63	368.66	374.81		374.89	0.000253	1.25	0.19	0.29	171.50	38.05	0.17
Intermedio	71.3	Max WS	UF_Tr200_D1_APP	119.73	368.66	373.99		374.03	0.000154	0.87	0.02	0.15	140.63	35.07	0.13
Intermedio	71.2	Max WS	UF_Tr200_D3_APP	201.28	368.64	374.78	370.69	374.85	0.000217	1.20	0.25	0.29	177.48	36.54	0.16
Intermedio	71.2	Max WS	UF_Tr200_D6_APP	204.74	368.64	374.81	370.72	374.89	0.000220	1.21	0.25	0.30	178.55	36.54	0.16
Intermedio	71.2	Max WS	UF_Tr200_D1_APP	119.85	368.64	373.99	370.15	374.03	0.000130	0.84	0.14	0.17	148.67	36.54	0.12
Intermedio	71.1			Inl Struct											
Intermedio	71	Max WS	UF_Tr200_D3_APP	201.27	366.28	369.44		370.14	0.006571	3.70			54.33	24.04	0.79
Intermedio	71	Max WS	UF_Tr200_D6_APP	204.74	366.28	369.47		370.17	0.006539	3.72			55.02	24.06	0.79
Intermedio	71	Max WS	UF_Tr200_D1_APP	119.84	366.28	368.75		369.26	0.007091	3.15			38.03	23.49	0.79
Intermedio	70.99			Lat Struct											
Intermedio	70.97			Lat Struct											
Intermedio	70.680	Max WS	UF_Tr200_D3_APP	210.05	364.72	368.13	368.14	369.22	0.010211	4.62			45.44	20.98	1.00
Intermedio	70.680	Max WS	UF_Tr200_D6_APP	214.15	364.72	368.16	368.17	369.26	0.010224	4.64			46.14	21.18	1.00
Intermedio	70.680	Max WS	UF_Tr200_D1_APP	121.36	364.72	367.35	367.33	368.17	0.010587	4.00			30.32	18.05	0.99
Intermedio	70.360	Max WS	UF_Tr200_D3_APP	216.45	362.98	366.40	366.67	367.68	0.013366	5.01			43.17	21.70	1.14
Intermedio	70.360	Max WS	UF_Tr200_D6_APP	221.35	362.98	366.44	366.72	367.73	0.013546	5.03			43.99	22.23	1.14
Intermedio	70.360	Max WS	UF_Tr200_D1_APP	122.89	362.98	365.56	365.71	366.58	0.013669	4.46			27.56	16.84	1.11
Intermedio	70	Max WS	UF_Tr200_D3_APP	219.34	360.16	364.48	363.85	365.36	0.005120	4.16			52.79	20.70	0.73
Intermedio	70	Max WS	UF_Tr200_D6_APP	224.52	360.16	364.53	363.88	365.42	0.005098	4.19			53.60	21.33	0.73
Intermedio	70	Max WS	UF_Tr200_D1_APP	124.73	360.16	363.44	363.00	364.04	0.005712	3.43			36.41	17.26	0.72
Intermedio	69.75			Bridge											
Intermedio	69.5	Max WS	UF_Tr200_D3_APP	219.33	360.16	363.74	363.85	365.19	0.011819	5.34			41.07	17.80	1.06
Intermedio	69.5	Max WS	UF_Tr200_D6_APP	224.52	360.16	363.77	363.88	365.26	0.011847	5.39			41.62	17.87	1.06
Intermedio	69.5	Max WS	UF_Tr200_D1_APP	124.72	360.16	363.02	363.00	363.92	0.011219	4.19			29.73	16.70	0.98
Intermedio	69.392	Max WS	UF_Tr200_D3_APP	220.63	358.46	361.46	361.55	362.60	0.011407	4.72			46.71	23.02	1.06
Intermedio	69.392	Max WS	UF_Tr200_D6_APP	225.80	358.46	361.50	361.59	362.65	0.011370	4.75			47.55	23.18	1.06
Intermedio	69.392	Max WS	UF_Tr200_D1_APP	126.44	358.46	360.74	360.78	361.58	0.011977	4.07			31.09	20.07	1.04
Intermedio	69.297	Max WS	UF_Tr200_D3_APP	223.71	356.65	359.94	359.91	360.98	0.009661	4.52			49.47	22.93	0.98
Intermedio	69.297	Max WS	UF_Tr200_D6_APP	229.41	356.65	359.98	359.96	361.04	0.009699	4.56			50.31	23.10	0.99
Intermedio	69.297	Max WS	UF_Tr200_D1_APP	128.00	356.65	359.06	359.10	359.93	0.011427	4.12			31.09	18.96	1.03
Intermedio	69.216	Max WS	UF_Tr200_D3_APP	224.60	354.62	358.72	358.92	360.16	0.012099	5.31	0.50	0.48	43.11	22.73	1.06
Intermedio	69.216	Max WS	UF_Tr200_D6_APP	230.11	354.62	358.76	359.00	360.22	0.012151	5.37	0.57	0.52	43.86	22.87	1.07
Intermedio	69.216	Max WS	UF_Tr200_D1_APP	129.37	354.62	357.79	357.74	358.85	0.010898	4.57			28.34	12.56	0.97
Intermedio	69.122	Max WS	UF_Tr200_D3_APP	225.26	353.37	357.00	357.26	358.31	0.012602	5.08	0.28	0.59	45.32	30.45	1.10
Intermedio	69.122	Max WS	UF_Tr200_D6_APP	230.65	353.37	357.03	357.30	358.37	0.012595	5.13	0.36	0.60	46.27	31.50	1.10
Intermedio	69.122	Max WS	UF_Tr200_D1_APP	131.00	353.37	356.20	356.21	357.19	0.011450	4.41			29.68	15.40	1.02
Intermedio	69	Max WS	UF_Tr200_D3_APP	227.28	351.38	354.76	354.87	356.05	0.011076	5.03	0.37	0.44	45.35	20.92	1.05
Intermedio	69	Max WS	UF_Tr200_D6_APP	232.75	351.38	354.80	354.91	356.11	0.011056	5.07	0.41	0.40	46.08	21.50	1.06
Intermedio	69	Max WS	UF_Tr200_D1_APP	133.13	351.38	354.01	354.05	354.95	0.011297	4.27			31.15	17.50	1.02
Intermedio	68.8			Lat Struct											
Intermedio	68.7			Lat Struct											
Intermedio	68	Max WS	UF_Tr200_D3_APP	228.22	350.07	353.52		354.57	0.008604	4.54			50.31	20.47	0.92
Intermedio	68	Max WS	UF_Tr200_D6_APP	233.60	350.07	353.56		354.63	0.008666	4.58			51.03	20.58	0.93
Intermedio	68	Max WS	UF_Tr200_D1_APP	134.43	350.07	352.79		353.49	0.007416	3.71			36.24	18.00	0.83
Intermedio	67	Max WS	UF_Tr200_D3_APP	229.10	349.54	352.36	352.73	353.90	0.016261	5.49			41.70	21.14	1.25
Intermedio	67	Max WS	UF_Tr200_D6_APP	234.39	349.54	352.39	352.78	353.95	0.016320	5.53			42.36	21.29	1.25
Intermedio	67	Max WS	UF_Tr200_D1_APP	135.66	349.54	351.73	351.94	352.83	0.015616	4.65			29.19	18.61	1.18
Intermedio	66	Max WS	UF_Tr200_D3_APP	229.87	347.93	351.01	351.15	352.12	0.012117	4.66	0.30		49.49	29.07	1.09
Intermedio	66	Max WS	UF_Tr200_D6_APP	234.95	347.93	351.04	351.18	352.16	0.012146	4.70	0.37		50.22	29.14	1.09
Intermedio	66	Max WS	UF_Tr200_D1_APP	136.82	347.93	350.41	350.48	351.23	0.012436	4.01			34.13	23.52	1.06
Intermedio	65	Max WS	UF_Tr200_D3_APP	230.01	347.33	350.83		351.59	0.007209	3.86	0.13	0.29	59.90	31.89	0.85
Intermedio	65	Max WS	UF_Tr200_D6_APP	235.03	347.33	350.85		351.63	0.007238	3.90	0.17	0.34	60.69	31.98	0.85
Intermedio	65	Max WS	UF_Tr200_D1_APP	137.06	347.33	350.23		350.74	0.006435	3.18			43.14	25.21	0.78

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Intermedio	64	Max WS	UF_Tr200_D3_APP	230.28	347.51	350.51	350.65	351.61	0.012775	4.64			49.66	27.69	1.11
Intermedio	64	Max WS	UF_Tr200_D6_APP	235.23	347.51	350.54	350.73	351.65	0.012843	4.68			50.31	27.82	1.11
Intermedio	64	Max WS	UF_Tr200_D1_APP	137.46	347.51	349.92	350.01	350.74	0.013331	4.02			34.19	24.49	1.09
Intermedio	63	Max WS	UF_Tr200_D3_APP	230.48	346.50	349.75	349.91	350.85	0.013618	4.66	0.54		49.81	30.72	1.12
Intermedio	63	Max WS	UF_Tr200_D6_APP	235.18	346.50	349.77	349.94	350.89	0.013642	4.70	0.59		50.46	30.75	1.13
Intermedio	63	Max WS	UF_Tr200_D1_APP	138.21	346.50	349.12	349.26	350.01	0.013331	4.17			33.15	21.81	1.08
Intermedio	62	Max WS	UF_Tr200_D3_APP	230.66	345.37	348.43	348.72	349.71	0.014667	5.01	0.18	0.36	46.17	27.34	1.18
Intermedio	62	Max WS	UF_Tr200_D6_APP	234.90	345.37	348.45	348.74	349.74	0.014663	5.04	0.24	0.39	46.72	27.67	1.19
Intermedio	62	Max WS	UF_Tr200_D1_APP	139.43	345.37	347.90	347.99	348.78	0.013038	4.16			33.55	22.25	1.08
Intermedio	61	Max WS	UF_Tr200_D3_APP	230.93	345.52	347.93	348.38	349.53	0.019977	5.59		0.29	41.36	25.13	1.37
Intermedio	61	Max WS	UF_Tr200_D6_APP	235.13	345.52	347.96	348.40	349.56	0.019904	5.62		0.35	41.89	25.27	1.37
Intermedio	61	Max WS	UF_Tr200_D1_APP	139.80	345.52	347.42	347.72	348.59	0.020731	4.80			29.12	22.43	1.35
Intermedio	60	Max WS	UF_Tr200_D3_APP	231.19	344.82	347.38	347.67	348.65	0.016216	5.00			46.27	27.81	1.24
Intermedio	60	Max WS	UF_Tr200_D6_APP	235.37	344.82	347.40	347.70	348.68	0.016180	5.02			46.91	27.97	1.24
Intermedio	60	Max WS	UF_Tr200_D1_APP	140.18	344.82	346.81	347.05	347.82	0.017978	4.45			31.49	24.42	1.25
Intermedio	59	Max WS	UF_Tr200_D3_APP	231.39	344.18	347.08	347.20	348.18	0.012435	4.63			50.00	26.81	1.08
Intermedio	59	Max WS	UF_Tr200_D6_APP	235.53	344.18	347.11	347.22	348.21	0.012405	4.65			50.63	26.87	1.08
Intermedio	59	Max WS	UF_Tr200_D1_APP	140.44	344.18	346.47	346.60	347.34	0.014927	4.12			34.07	25.22	1.13
Intermedio	58	Max WS	UF_Tr200_D3_APP	231.67	343.60	346.77		347.61	0.008158	4.07			56.85	27.18	0.90
Intermedio	58	Max WS	UF_Tr200_D6_APP	235.78	343.60	346.79		347.65	0.008199	4.10			57.49	27.33	0.90
Intermedio	58	Max WS	UF_Tr200_D1_APP	140.84	343.60	346.12		346.74	0.008117	3.50			40.22	24.18	0.87
Intermedio	57	Max WS	UF_Tr200_D3_APP	232.07	342.93	346.36	346.33	347.42	0.009895	4.55		0.13	50.96	23.34	0.98
Intermedio	57	Max WS	UF_Tr200_D6_APP	236.14	342.93	346.39	346.37	347.46	0.009967	4.59		0.17	51.48	23.50	0.99
Intermedio	57	Max WS	UF_Tr200_D1_APP	141.42	342.93	345.71	345.64	346.48	0.009784	3.88			36.44	21.13	0.94
Intermedio	56	Max WS	UF_Tr200_D3_APP	232.38	342.78	346.01	346.12	347.21	0.011385	4.86	0.36	0.19	47.87	23.46	1.06
Intermedio	56	Max WS	UF_Tr200_D6_APP	236.40	342.78	346.03	346.16	347.25	0.011393	4.89	0.34	0.23	48.52	25.72	1.06
Intermedio	56	Max WS	UF_Tr200_D1_APP	141.85	342.78	345.36	345.36	346.24	0.010573	4.15			34.19	19.22	0.99
Intermedio	55.545	Max WS	UF_Tr200_D3_APP	231.10	341.53	344.89	345.04	346.19	0.010882	5.06	1.01	0.75	46.79	23.24	1.05
Intermedio	55.545	Max WS	UF_Tr200_D6_APP	234.83	341.53	344.91	345.06	346.23	0.010918	5.10	1.04	0.77	47.25	23.28	1.06
Intermedio	55.545	Max WS	UF_Tr200_D1_APP	143.14	341.53	344.27	344.31	345.21	0.011489	4.29			33.38	18.95	1.03
Intermedio	55	Max WS	UF_Tr200_D3_APP	229.74	340.13	343.64	343.66	344.79	0.009756	4.75	0.55		48.71	23.69	0.99
Intermedio	55	Max WS	UF_Tr200_D6_APP	232.77	340.13	343.66	343.68	344.82	0.009815	4.78	0.59		49.08	23.72	0.99
Intermedio	55	Max WS	UF_Tr200_D1_APP	144.68	340.13	343.02		343.84	0.008731	3.99			36.22	18.35	0.91
Intermedio	54.9			Lat Struct											
Intermedio	54.87			Lat Struct											
Intermedio	54.6	Max WS	UF_Tr200_D3_APP	226.44	339.06	342.36	342.76	343.83	0.014182	5.41	0.75	1.21	43.64	27.90	1.18
Intermedio	54.6	Max WS	UF_Tr200_D6_APP	228.63	339.06	342.37	342.78	343.86	0.014196	5.43	0.77	1.24	43.95	27.94	1.18
Intermedio	54.6	Max WS	UF_Tr200_D1_APP	146.16	339.06	341.85	342.01	342.94	0.013959	4.62			31.62	18.40	1.13
Intermedio	54	Max WS	UF_Tr200_D3_APP	227.13	337.36	340.35	340.53	341.48	0.009480	4.71			48.21	26.31	1.11
Intermedio	54	Max WS	UF_Tr200_D6_APP	229.12	337.36	340.36	340.53	341.50	0.009481	4.72			48.50	26.35	1.11
Intermedio	54	Max WS	UF_Tr200_D1_APP	148.14	337.36	339.88	339.95	340.73	0.009276	4.07			36.37	24.47	1.07
Intermedio	53.917	Max WS	UF_Tr200_D3_APP	227.31	337.13	340.16	340.34	341.36	0.010095	4.85			46.90	25.46	1.14
Intermedio	53.917	Max WS	UF_Tr200_D6_APP	229.27	337.13	340.17	340.36	341.37	0.010088	4.86			47.18	25.49	1.14
Intermedio	53.917	Max WS	UF_Tr200_D1_APP	148.40	337.13	339.69	339.81	340.59	0.010178	4.20			35.36	24.18	1.11
Intermedio	53	Max WS	UF_Tr200_D3_APP	229.26	335.25	338.07	338.28	339.25	0.009049	4.81		0.72	47.74	25.23	1.10
Intermedio	53	Max WS	UF_Tr200_D6_APP	231.81	335.25	338.09	338.30	339.27	0.008955	4.81		0.75	48.25	25.31	1.10
Intermedio	53	Max WS	UF_Tr200_D1_APP	151.25	335.25	337.60	337.67	338.48	0.008957	4.15			36.41	23.30	1.06
Intermedio	52	Max WS	UF_Tr200_D3_APP	216.05	333.40	336.64	336.64	337.53	0.006657	4.23	0.91	1.32	53.13	32.31	0.94
Intermedio	52	Max WS	UF_Tr200_D6_APP	220.37	333.40	336.71	336.67	337.57	0.006091	4.14	1.02	1.38	55.58	32.31	0.91
Intermedio	52	Max WS	UF_Tr200_D1_APP	153.51	333.40	336.19	336.12	336.96	0.007280	3.90			39.34	23.10	0.95
Intermedio	51.944	Max WS	UF_Tr200_D3_APP	212.85	333.34	336.52	336.42	337.29	0.005435	3.92	1.04	1.14	57.66	37.31	0.86
Intermedio	51.944	Max WS	UF_Tr200_D6_APP	217.03	333.34	336.61	336.44	337.33	0.004883	3.82	1.08	1.16	60.96	38.39	0.82
Intermedio	51.944	Max WS	UF_Tr200_D1_APP	153.76	333.34	336.05	335.96	336.76	0.006841	3.72	0.32	0.52	41.64	30.03	0.93
Intermedio	51.611	Max WS	UF_Tr200_D3_APP	208.09	332.50	336.24		336.59	0.001752	2.69	1.20	0.92	81.65	32.04	0.52
Intermedio	51.611	Max WS	UF_Tr200_D6_APP	217.67	332.50	336.36		336.71	0.001655	2.69	1.21	0.92	85.53	32.04	0.51
Intermedio	51.611	Max WS	UF_Tr200_D1_APP	146.80	332.50	335.61		335.92	0.002117	2.49	0.98	0.82	61.60	32.04	0.55
Intermedio	51.5	Max WS	UF_Tr200_D3_APP	227.33	332.62	336.18	335.44	336.47	0.002453	2.41			94.26	51.46	0.57
Intermedio	51.5	Max WS	UF_Tr200_D6_APP	242.54	332.62	336.29	335.51	336.59	0.002357	2.42			100.13	52.70	0.56
Intermedio	51.5	Max WS	UF_Tr200_D1_APP	146.60	332.62	335.56	334.76	335.82	0.002724	2.26			65.01	42.41	0.58
Intermedio	51.25			Bridge											
Intermedio	51	Max WS	UF_Tr200_D3_APP	227.33	331.54	334.06		334.82	0.007090	3.87			58.67	33.77	0.94
Intermedio	51	Max WS	UF_Tr200_D6_APP	242.54	331.54	334.13	334.05	334.93	0.007215	3.96			61.21	34.51	0.95
Intermedio	51	Max WS	UF_Tr200_D1_APP	146.60	331.54	333.61		334.17	0.007036	3.33			44.04	31.98	0.91
Intermedio	50	Max WS	UF_Tr200_D3_APP	221.16	330.28	332.78	332.99	333.74	0.011174	4.37		1.30	52.25	43.28	1.17
Intermedio	50	Max WS	UF_Tr200_D6_APP	233.88	330.28	332.83	333.05	333.83	0.011254	4.47		1.43	54.21	43.42	1.18
Intermedio	50	Max WS	UF_Tr200_D1_APP	148.48	330.28	332.43	332.60	333.22	0.011765	3.92			37.91	32.77	1.16
Intermedio	49	Max WS	UF_Tr200_D3_APP	220.22	328.54	331.95		332.45	0.005554	3.12	0.11		70.65	47.92	0.82
Intermedio	49	Max WS	UF_Tr200_D6_APP	227.65	328.54	331.97		332.49	0.005765	3.19	0.13		71.28	47.92	0.84
Intermedio	49	Max WS	UF_Tr200_D1_APP	149.42	328.54	331.61		331.99	0.004797	2.70			55.32	41.58	0.75
Valle	48.882	Max WS	UF_Tr200_D3_APP	213.72	328.48	331.73		332.32	0.007170	3.40			62.93	45.42	0.92
Valle	48.882	Max WS	UF_Tr200_D6_APP	224.26	328.48	331.78		332.38	0.007174	3.43			65.43	46.61	0.92
Valle	48.882	Max WS	UF_Tr200_D1_APP	149.57	328.48	331.35		331.86	0.006946	3.15			47.41	37.17	0.89
Valle	48.8			Lat Struct											
Valle	48.78			Lat Struct											
Valle	47.775	Max WS	UF_Tr200_D3_APP	218.85	327.77	330.68		331.11	0.002965	3.15	1.12	1.36	90.98	75.12	0.66
Valle	47.775	Max WS	UF_Tr200_D6_APP	233.47	327.77	330.75		331.18	0.002939	3.19	1.19	1.42	96.14	75.39	0.66
Valle	47.775	Max WS	UF_Tr200_D1_APP	150.02	327.77	330.23	330.12	330.69	0.003795	3.09	0.61	0.97	57.69	69.97	0.72
Valle	47.111	Max WS	UF_Tr200_D3_APP	198.97	326.91	330.70		330.81	0.000578	1.76	0.84	0.90	156.20	78.58	0.31
Valle	47.111	Max WS	UF_Tr200_D6_APP	207.53	326.91	330.78		330.89	0.000559	1.76	0.86	0.91	162.69	78.58	0.30
Valle	47.111	Max WS	UF_Tr200_D1_APP	150.12	326.91	330.07		330.22	0.000923	1.93	0.72	0.84	106.81	78.58	0.37
Valle	47	Max WS	UF_Tr200_D3_APP	192.08	326.56	330.57	328.97	330.82	0.001127	2.21			86.90	29.22	0.41
Valle	47	Max WS	UF_Tr200_D6_APP	197.49	326.56	330.66	329.01	330.91	0.001098	2.21			89.46	29.53	0.41
Valle	47	Max WS	UF_Tr200_D1_APP	152.77	326.56	329.95	328.67	330.20	0.001339	2.20			69.53	27.05	0.44

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Valle	46.5			Bridge											
Valle	46	Max WS	UF_Tr200_D3_APP	192.08	326.08	328.66	328.78	329.31	0.005250	3.61	0.30	0.66	59.92	89.76	0.84
Valle	46	Max WS	UF_Tr200_D6_APP	197.46	326.08	328.70	328.82	329.34	0.005061	3.59	0.42	0.74	63.53	90.14	0.83
Valle	46	Max WS	UF_Tr200_D1_APP	152.73	326.08	328.41		328.99	0.005384	3.39			45.02	26.63	0.83
Valle	45.99			Lat Struct											
Valle	45.571	Max WS	UF_Tr200_D3_APP	194.18	325.66	328.29	328.24	328.99	0.007339	3.69			52.61	34.82	0.96
Valle	45.571	Max WS	UF_Tr200_D6_APP	200.35	325.66	328.34	328.27	329.04	0.007079	3.68			54.40	35.11	0.94
Valle	45.571	Max WS	UF_Tr200_D1_APP	153.77	325.66	328.02	327.99	328.66	0.007753	3.54			43.45	32.00	0.97
Valle	45.000	Max WS	UF_Tr200_D3_APP	194.31	325.09	327.94		328.19	0.002106	2.41	1.28	1.08	97.12	68.04	0.54
Valle	45.000	Max WS	UF_Tr200_D6_APP	203.37	325.09	328.03		328.27	0.001960	2.39	1.29	1.10	102.68	68.28	0.53
Valle	45.000	Max WS	UF_Tr200_D1_APP	153.79	325.09	327.53		327.85	0.003436	2.65	1.17	0.87	69.14	66.82	0.67
Valle	44.571	Max WS	UF_Tr200_D3_APP	202.01	324.20	327.88		328.06	0.001014	2.13	1.24	0.86	122.99	68.12	0.40
Valle	44.571	Max WS	UF_Tr200_D6_APP	212.27	324.20	327.96		328.14	0.000994	2.14	1.26	0.89	128.49	68.73	0.40
Valle	44.571	Max WS	UF_Tr200_D1_APP	155.64	324.20	327.46		327.63	0.001191	2.08	1.12	0.78	95.36	62.40	0.42
Valle	44	Max WS	UF_Tr200_D3_APP	201.50	323.90	327.88		327.98	0.000514	1.60	0.85	0.67	161.87	80.63	0.29
Valle	44	Max WS	UF_Tr200_D6_APP	210.62	323.90	327.96		328.07	0.000502	1.61	0.87	0.69	168.60	81.21	0.29
Valle	44	Max WS	UF_Tr200_D1_APP	156.67	323.90	327.44		327.54	0.000577	1.54	0.86	0.55	125.89	73.30	0.30
Valle	43	Max WS	UF_Tr200_D3_APP	201.50	323.83	327.73	326.75	328.02	0.001766	2.38			84.70	34.79	0.49
Valle	43	Max WS	UF_Tr200_D6_APP	210.63	323.83	327.81	326.80	328.10	0.001747	2.41			87.43	34.87	0.49
Valle	43	Max WS	UF_Tr200_D1_APP	156.75	323.83	327.32	326.51	327.57	0.001896	2.22			70.53	34.18	0.49
Valle	42.5			Bridge											
Valle	42	Max WS	UF_Tr200_D3_APP	201.51	323.83	327.47		327.83	0.002512	2.66			75.68	34.44	0.57
Valle	42	Max WS	UF_Tr200_D6_APP	210.63	323.83	327.54		327.91	0.002470	2.69			78.28	34.57	0.57
Valle	42	Max WS	UF_Tr200_D1_APP	156.75	323.83	327.08		327.40	0.002751	2.50			62.66	33.78	0.59
Valle	41	Max WS	UF_Tr200_D3_APP	201.52	323.83	327.46	326.75	327.82	0.002537	2.67			75.44	34.43	0.58
Valle	41	Max WS	UF_Tr200_D6_APP	210.64	323.83	327.54	326.80	327.91	0.002493	2.70			78.05	34.56	0.57
Valle	41	Max WS	UF_Tr200_D1_APP	156.78	323.83	327.08	326.51	327.40	0.002788	2.51			62.40	33.77	0.59
Valle	40.5			Bridge											
Valle	40	Max WS	UF_Tr200_D3_APP	201.51	323.83	326.51	326.75	327.61	0.014794	4.65			43.31	33.05	1.30
Valle	40	Max WS	UF_Tr200_D6_APP	210.64	323.83	326.55	326.80	327.68	0.014498	4.70			44.80	33.11	1.29
Valle	40	Max WS	UF_Tr200_D1_APP	156.78	323.83	326.30	326.51	327.24	0.015635	4.30			36.43	32.80	1.30
Valle	39.9			Lat Struct											
Valle	31.643	Max WS	UF_Tr200_D3_APP	201.89	322.45	325.48	325.12	325.99	0.004418	3.15	0.47	0.07	66.81	62.32	0.75
Valle	31.643	Max WS	UF_Tr200_D6_APP	210.94	322.45	325.55	325.18	326.05	0.004189	3.15	0.62	0.25	71.25	66.00	0.74
Valle	31.643	Max WS	UF_Tr200_D1_APP	158.37	322.45	325.28		325.68	0.003879	2.81	0.04		56.39	35.17	0.70
Valle	30.250	Max WS	UF_Tr200_D3_APP	201.95	322.79	325.38	325.33	326.02	0.005845	3.54	0.59	0.30	60.00	66.51	0.88
Valle	30.250	Max WS	UF_Tr200_D6_APP	210.71	322.79	325.46	325.47	326.07	0.005367	3.50	0.72	0.47	65.36	72.30	0.85
Valle	30.250	Max WS	UF_Tr200_D1_APP	158.64	322.79	325.19		325.70	0.005425	3.18	0.05		49.86	34.69	0.83
Valle	28.857	Max WS	UF_Tr200_D3_APP	202.01	321.88	325.26	325.22	325.98	0.006825	3.78		1.08	55.25	40.71	0.92
Valle	28.857	Max WS	UF_Tr200_D6_APP	210.55	321.88	325.35	325.25	326.05	0.006281	3.73		0.94	59.00	44.41	0.89
Valle	28.857	Max WS	UF_Tr200_D1_APP	158.91	321.88	325.08		325.64	0.005538	3.33		0.89	48.59	33.45	0.83
Valle	23.286	Max WS	UF_Tr200_D3_APP	201.24	321.83	324.70	325.05	325.81	0.008941	4.72	0.79	0.88	47.54	57.39	1.09
Valle	23.286	Max WS	UF_Tr200_D6_APP	201.04	321.83	324.91	325.06	325.68	0.005672	4.03	1.09	1.14	59.68	58.08	0.88
Valle	23.286	Max WS	UF_Tr200_D1_APP	159.94	321.83	324.61	324.81	325.42	0.006881	4.00	0.60	0.49	42.51	48.02	0.95
Valle	12.143	Max WS	UF_Tr200_D3_APP	94.58	320.52	324.52		324.58	0.000291	1.19	0.44	0.49	104.73	63.94	0.21
Valle	12.143	Max WS	UF_Tr200_D6_APP	189.17	320.52	324.63		324.84	0.000986	2.24	0.88	0.95	111.82	63.94	0.39
Valle	12.143	Max WS	UF_Tr200_D1_APP	72.87	320.52	324.50		324.54	0.000176	0.92	0.34	0.38	104.01	63.94	0.16
Valle	7.964	Max WS	UF_Tr200_D3_APP	125.42	319.94	324.41		324.52	0.000370	1.52	0.45	0.76	94.41	33.71	0.25
Valle	7.964	Max WS	UF_Tr200_D6_APP	217.40	319.94	324.41		324.73	0.001115	2.64	0.78	1.31	94.30	33.69	0.43
Valle	7.964	Max WS	UF_Tr200_D1_APP	103.05	319.94	324.42		324.49	0.000248	1.25	0.37	0.62	94.74	33.75	0.20
Valle	5.1784	Max WS	UF_Tr200_D3_APP	120.64	319.57	324.46	321.17	324.50	0.000105	0.95	0.42	0.48	148.98	37.53	0.14
Valle	5.1784	Max WS	UF_Tr200_D6_APP	242.73	319.57	324.46	321.99	324.62	0.000424	1.90	0.85	0.97	148.98	37.53	0.28
Valle	5.1784	Max WS	UF_Tr200_D1_APP	91.56	319.57	324.46	320.89	324.48	0.000060	0.72	0.32	0.37	148.98	37.53	0.11

ALLEGATI

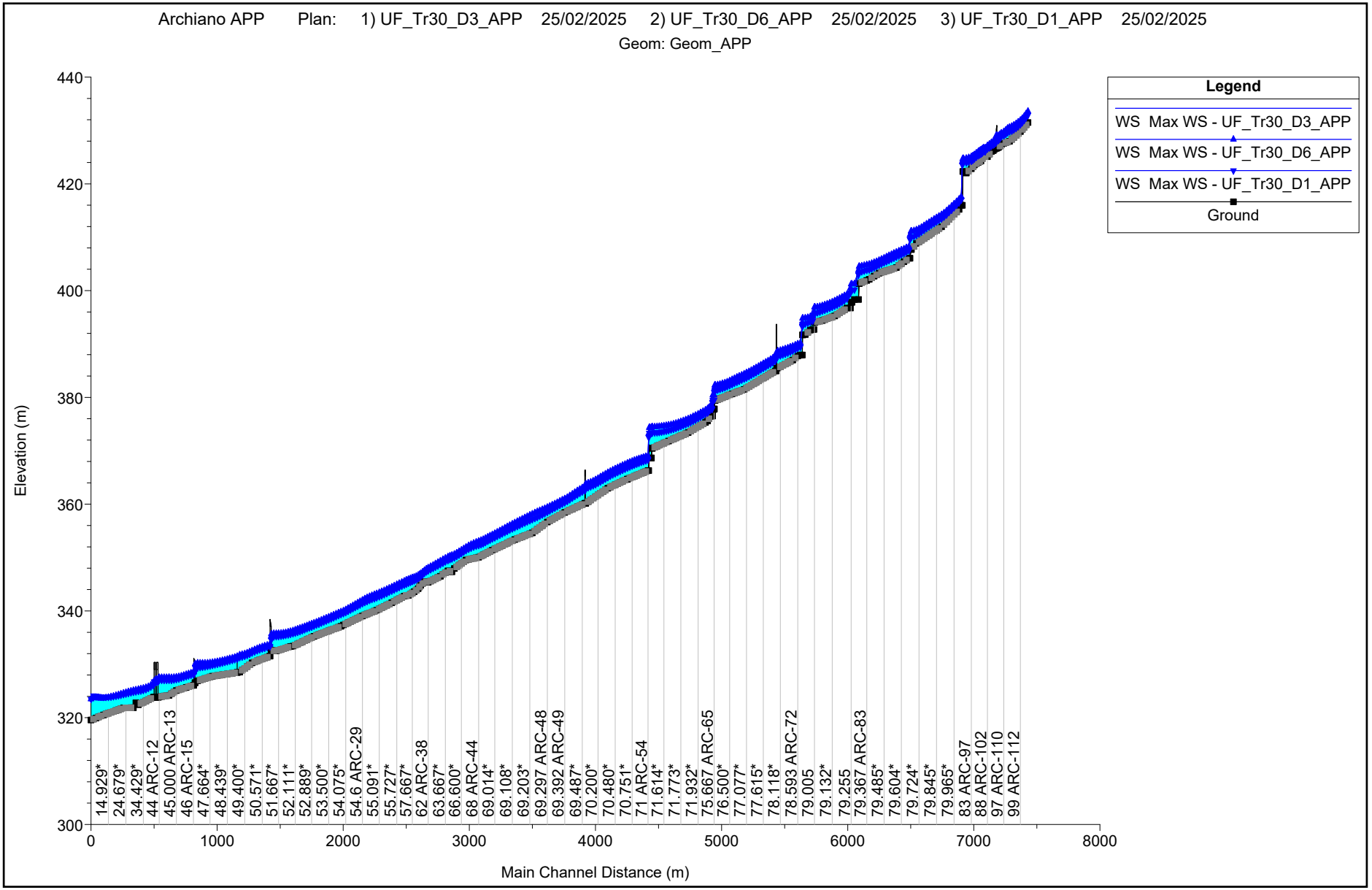
MODELLAZIONE HEC-RAS 6.3.1 "ARCHIANO APP"

ARCHIANO

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 1, 3 e 6 h

Profilo longitudinale


Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Elevation (m)
Main Channel Distance (m)
440
420
400
380
360
340
320
300
0
1000
2000
3000
4000
5000
6000
7000
8000
14.929*
24.679*
34.429*
44 ARC-12
45.000 ARC-13
46 ARC-15
47.664*
48.439*
49.400*
50.571*
51.667*
52.111*
52.889*
53.500*
54.075*
54.6 ARC-29
55.091*
55.727*
57.667*
62 ARC-38
63.667*
66.600*
68 ARC-44
69.014*
69.108*
69.203*
69.297 ARC-48
69.392 ARC-49
69.487*
70.200*
70.480*
70.751*
71 ARC-54
71.614*
71.773*
71.932*
75.667 ARC-65
76.500*
77.077*
77.615*
78.118*
78.593 ARC-72
79.005
79.132*
79.255
79.367 ARC-83
79.485*
79.604*
79.724*
79.845*
79.965*
83 ARC-97
88 ARC-102
97 ARC-110
99 ARC-112

ALLEGATI

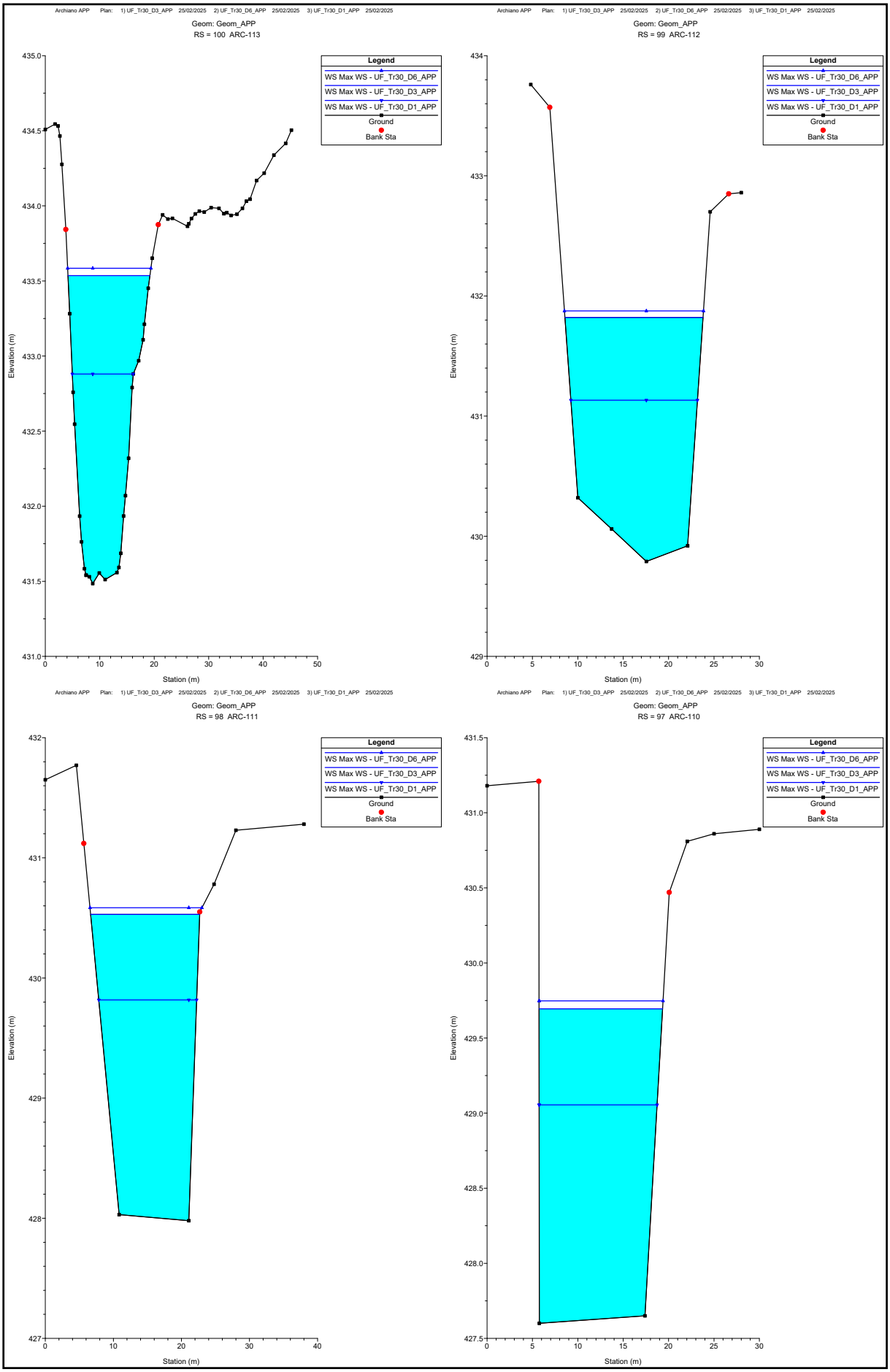
MODELLAZIONE HEC-RAS 6.3.1 "ARCHIANO APP"

ARCHIANO

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 1, 3 e 6 h

Sezioni Trasversali (da monte verso valle)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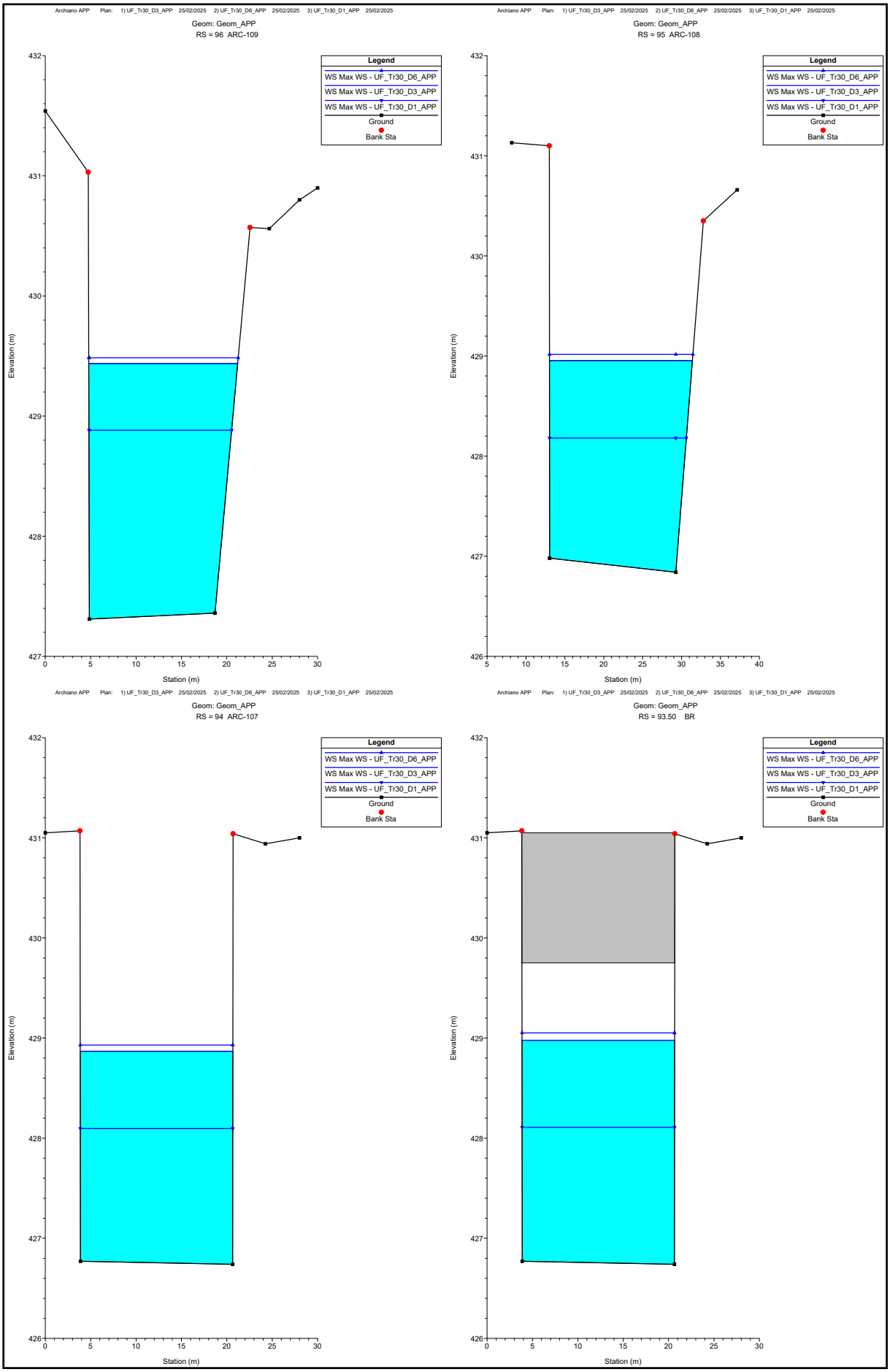
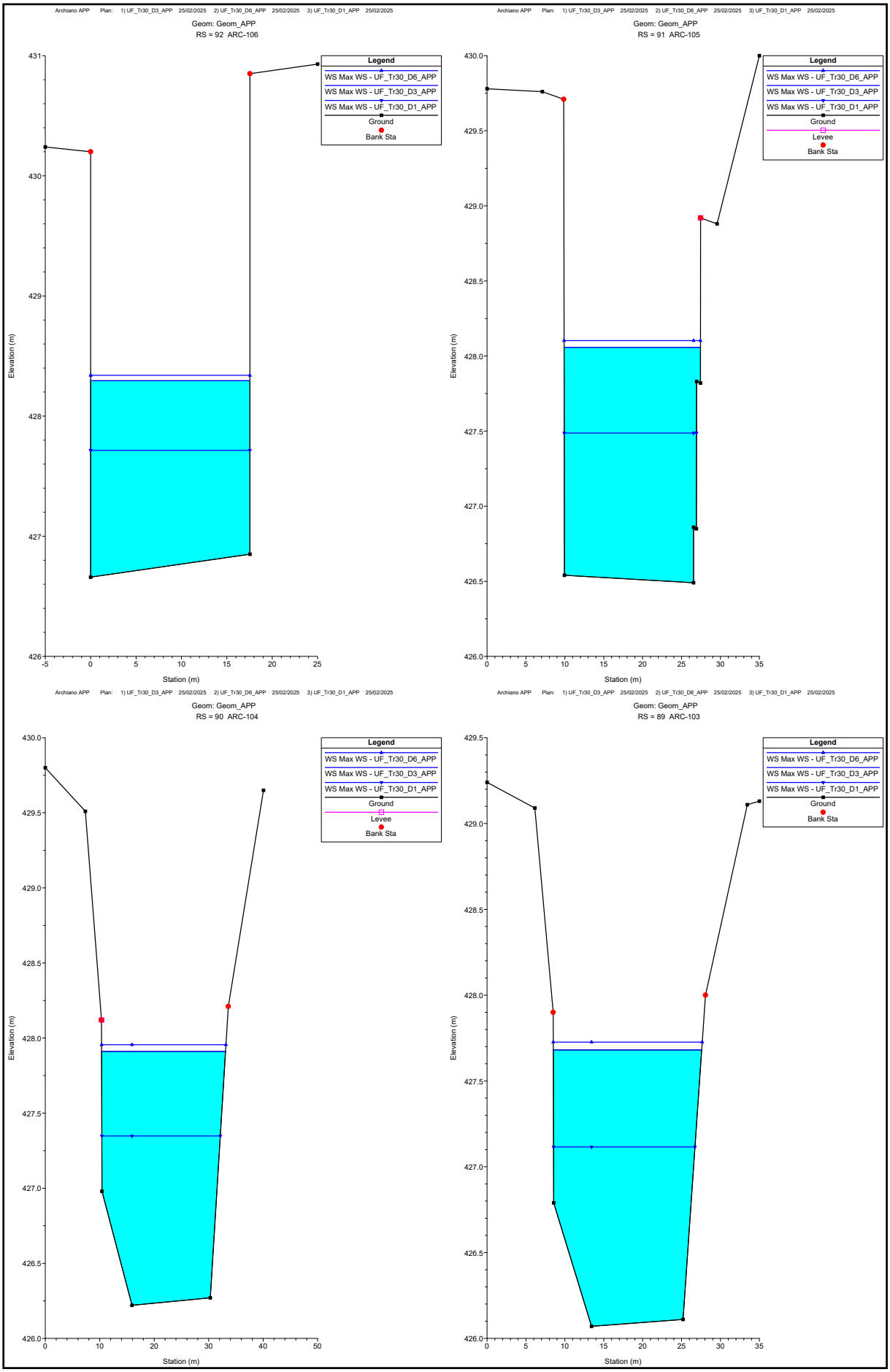
Geom: Geom_APP
RS = 100 ARC-113
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 99 ARC-112
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 98 ARC-111
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 97 ARC-110
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)


Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 96 ARC-109
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 95 ARC-108
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 94 ARC-107
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 93.50 BR
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)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Geom: Geom_APP
RS = 92 ARC-106
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 91 ARC-105
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 90 ARC-104
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 89 ARC-103
Legend
WS Max WS - UF_Tr30_D6_APP
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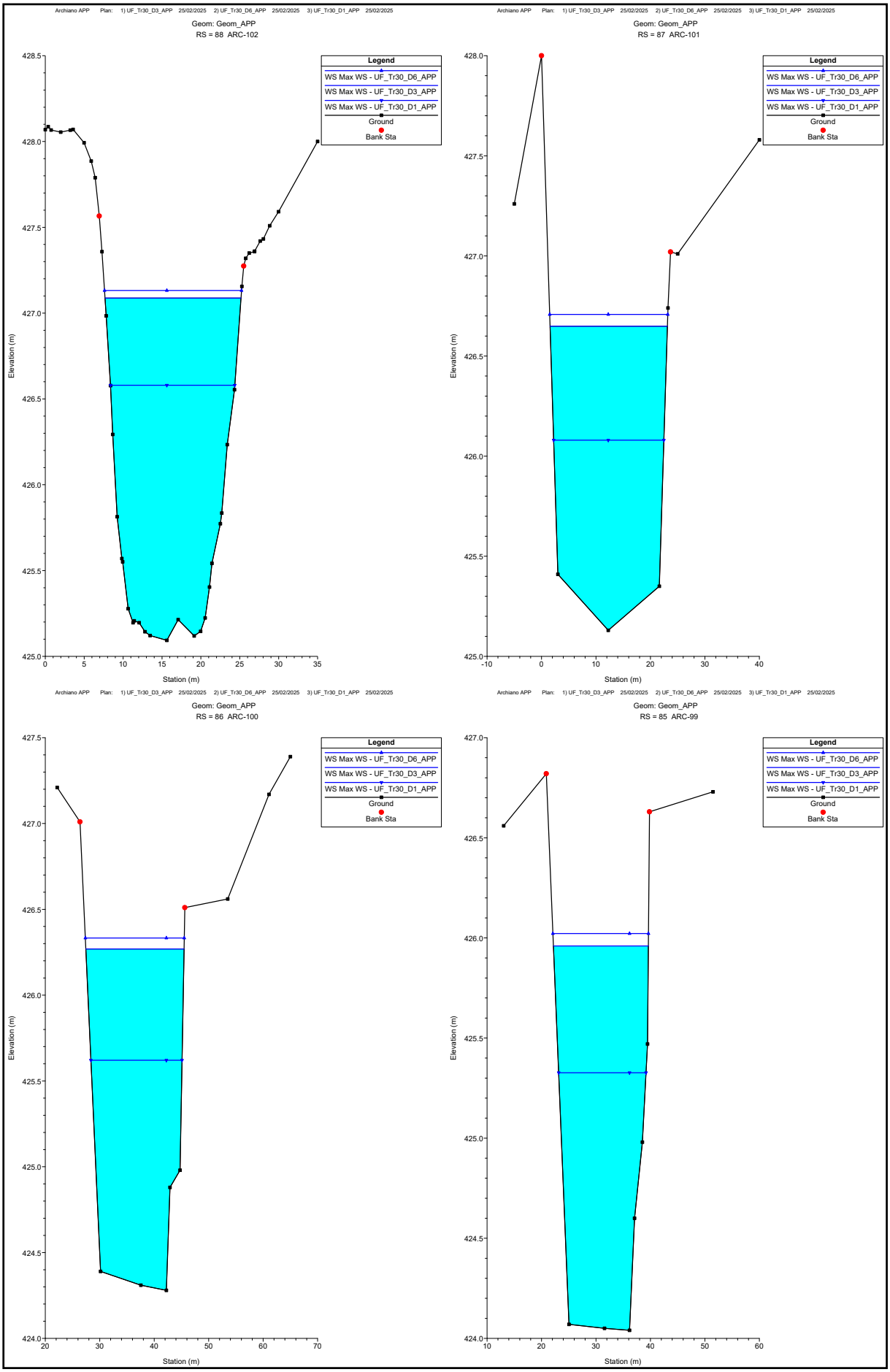
Ground
Bank Sta
Elevation (m)
Station (m)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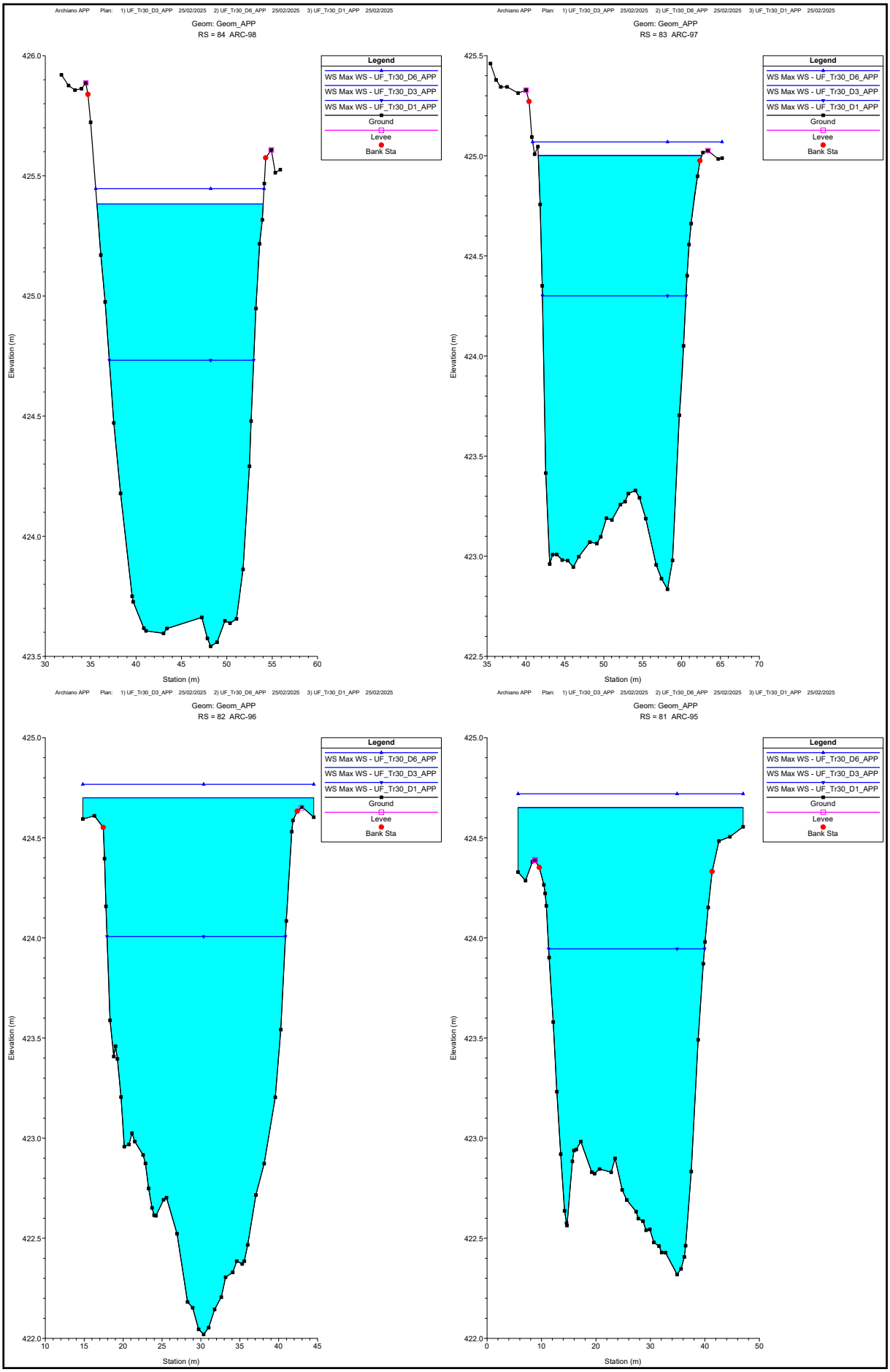
Geom: Geom_APP
RS = 88 ARC-102
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 87 ARC-101
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 86 ARC-100
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 85 ARC-99
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)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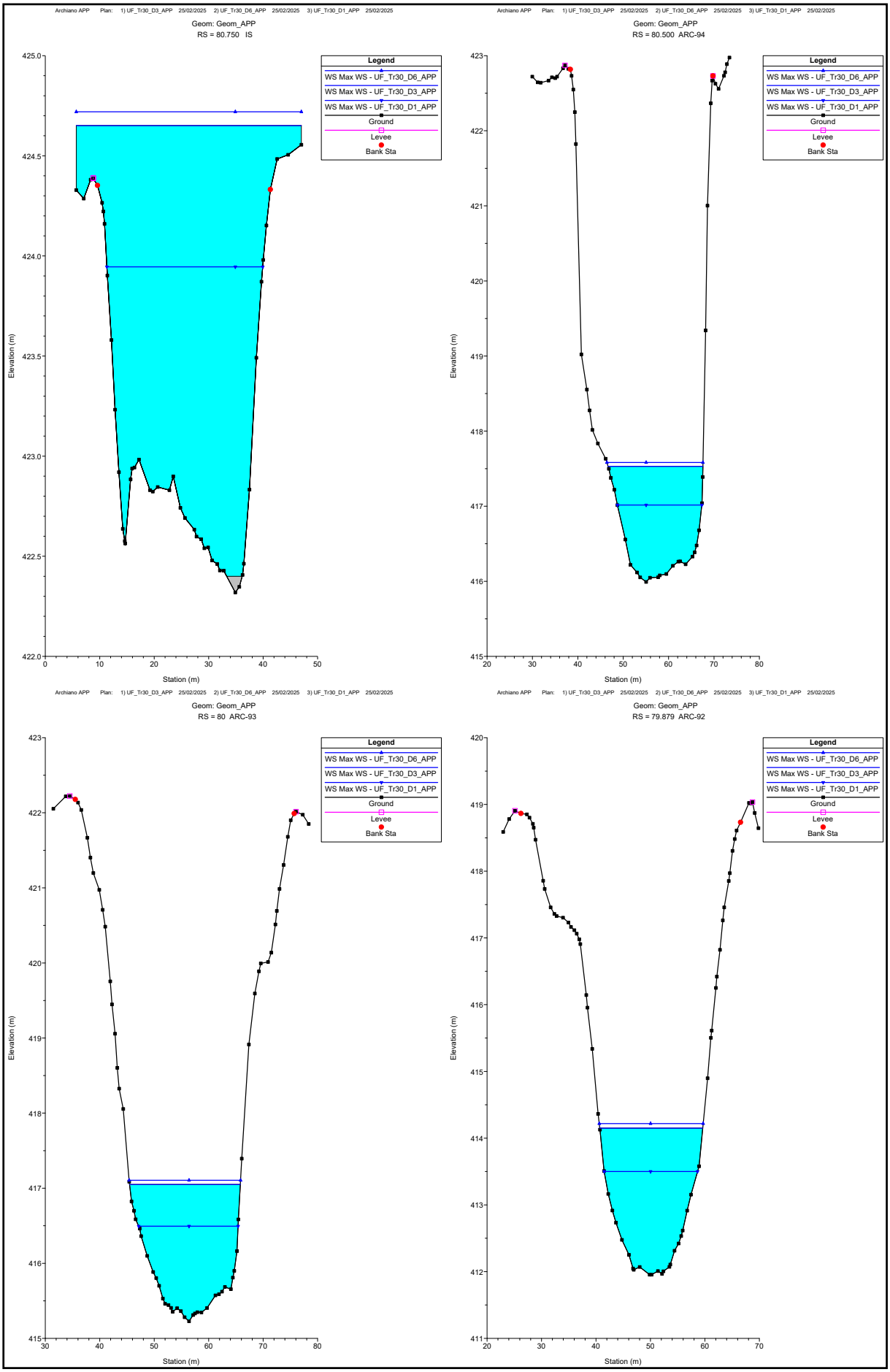
Geom: Geom_APP
RS = 84 ARC-98
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 83 ARC-97
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 82 ARC-96
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 81 ARC-95
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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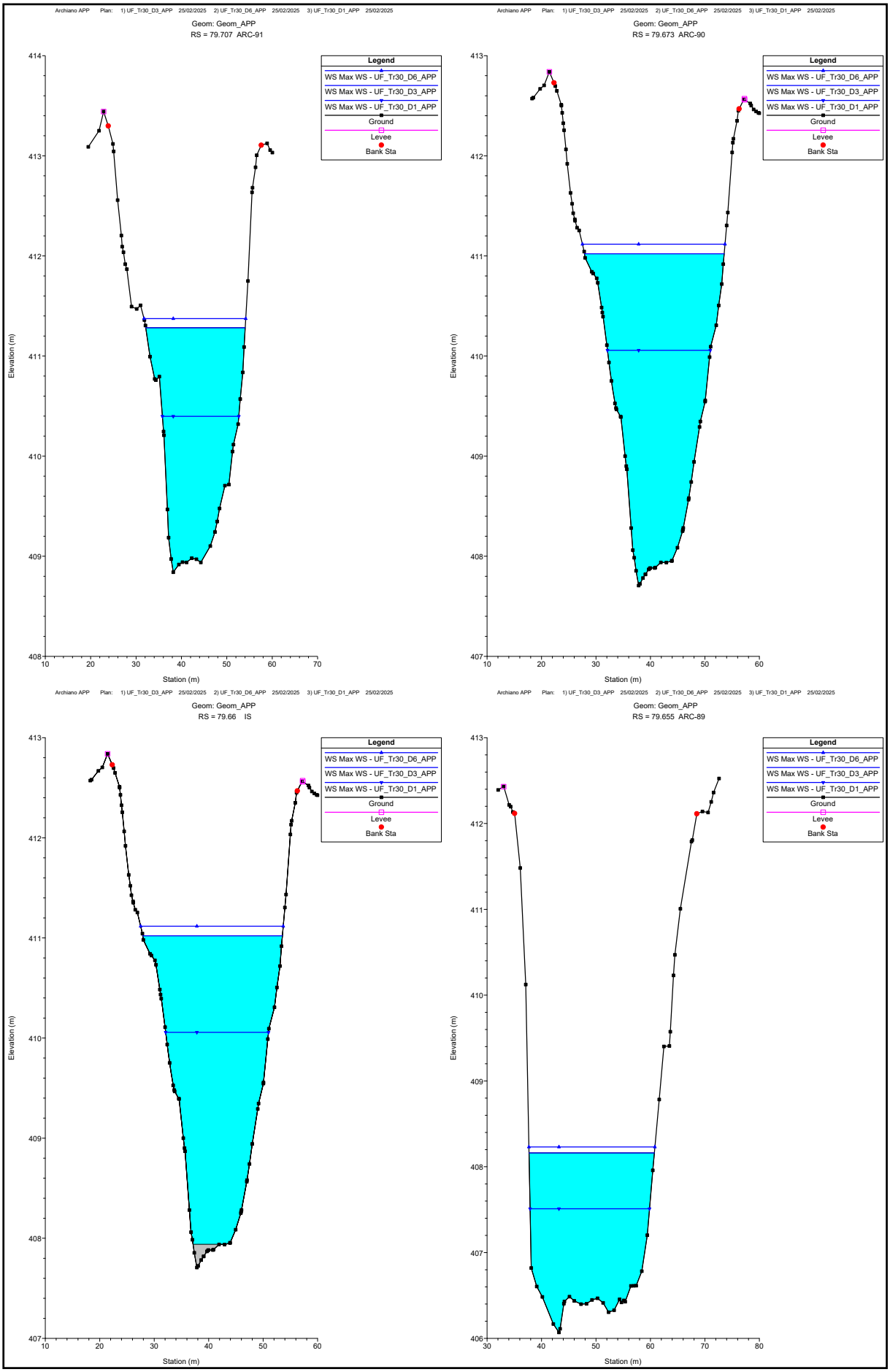
Geom: Geom_APP
RS = 80.750 IS
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 80.500 ARC-94
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 80 ARC-93
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 79.879 ARC-92
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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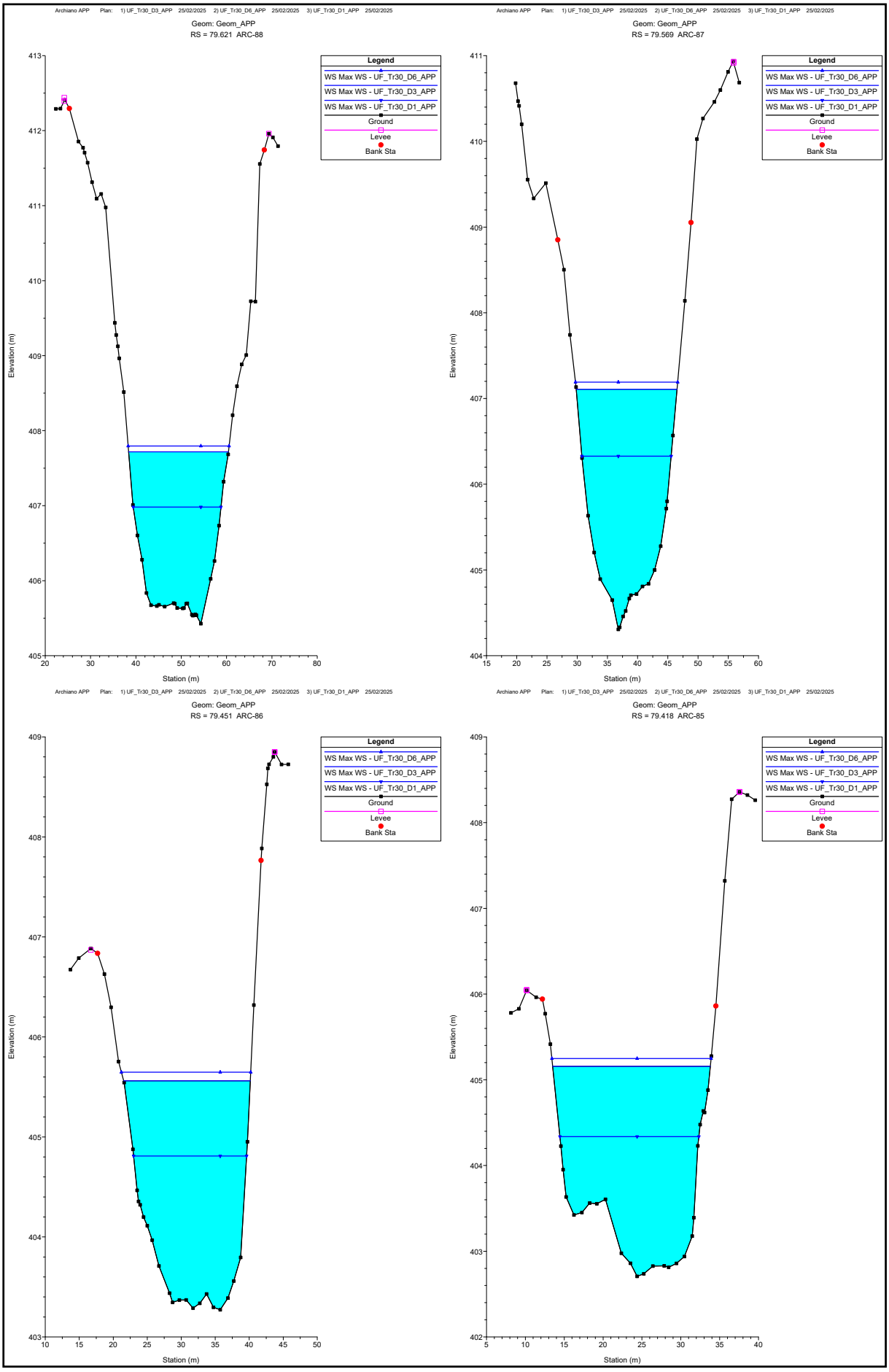
Geom: Geom_APP
RS = 79.707 ARC-91
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 79.673 ARC-90
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 79.66 IS
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 79.655 ARC-89
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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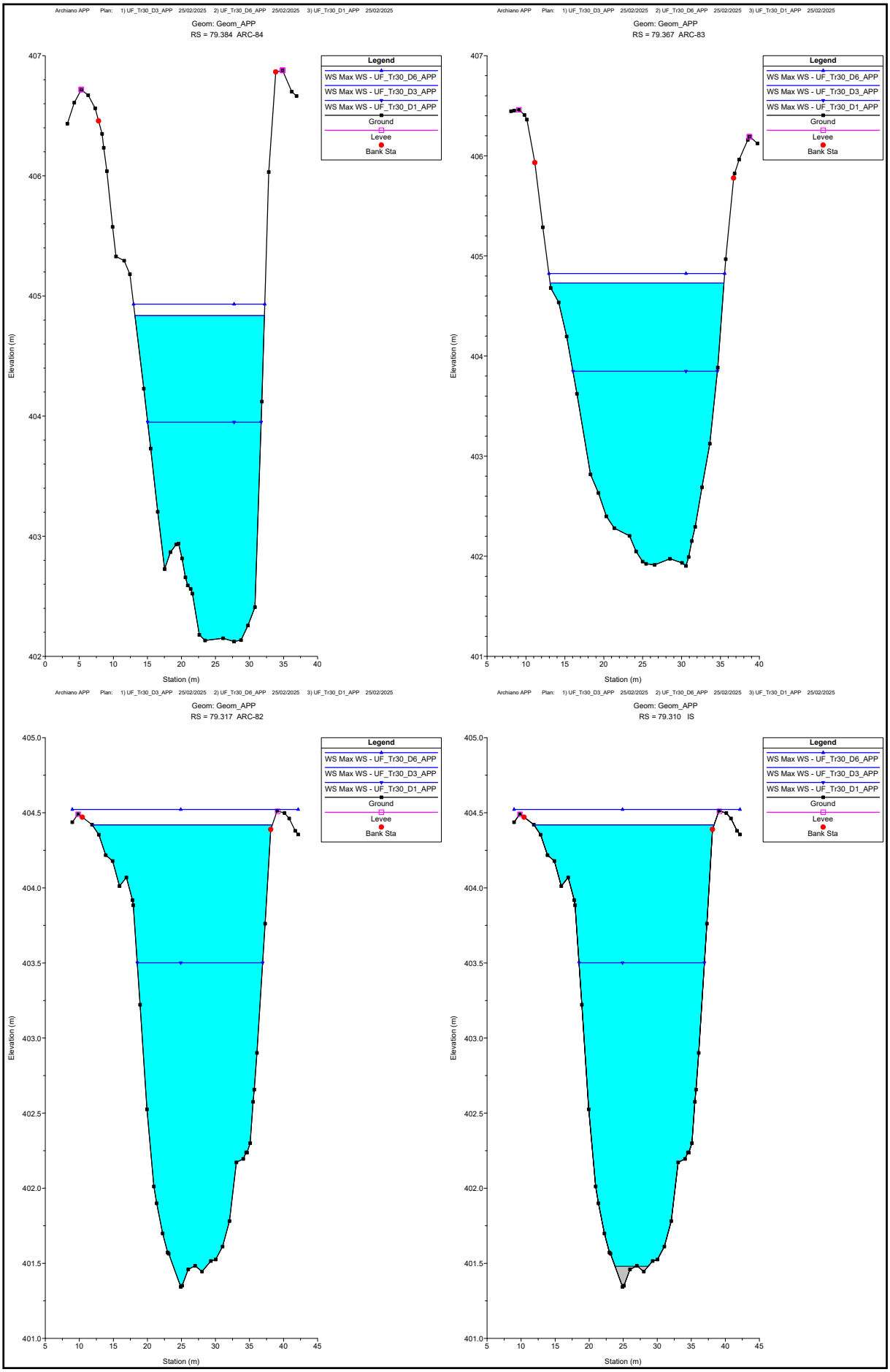
Geom: Geom_APP
RS = 79.621 ARC-88
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 79.569 ARC-87
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 79.451 ARC-86
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 79.418 ARC-85
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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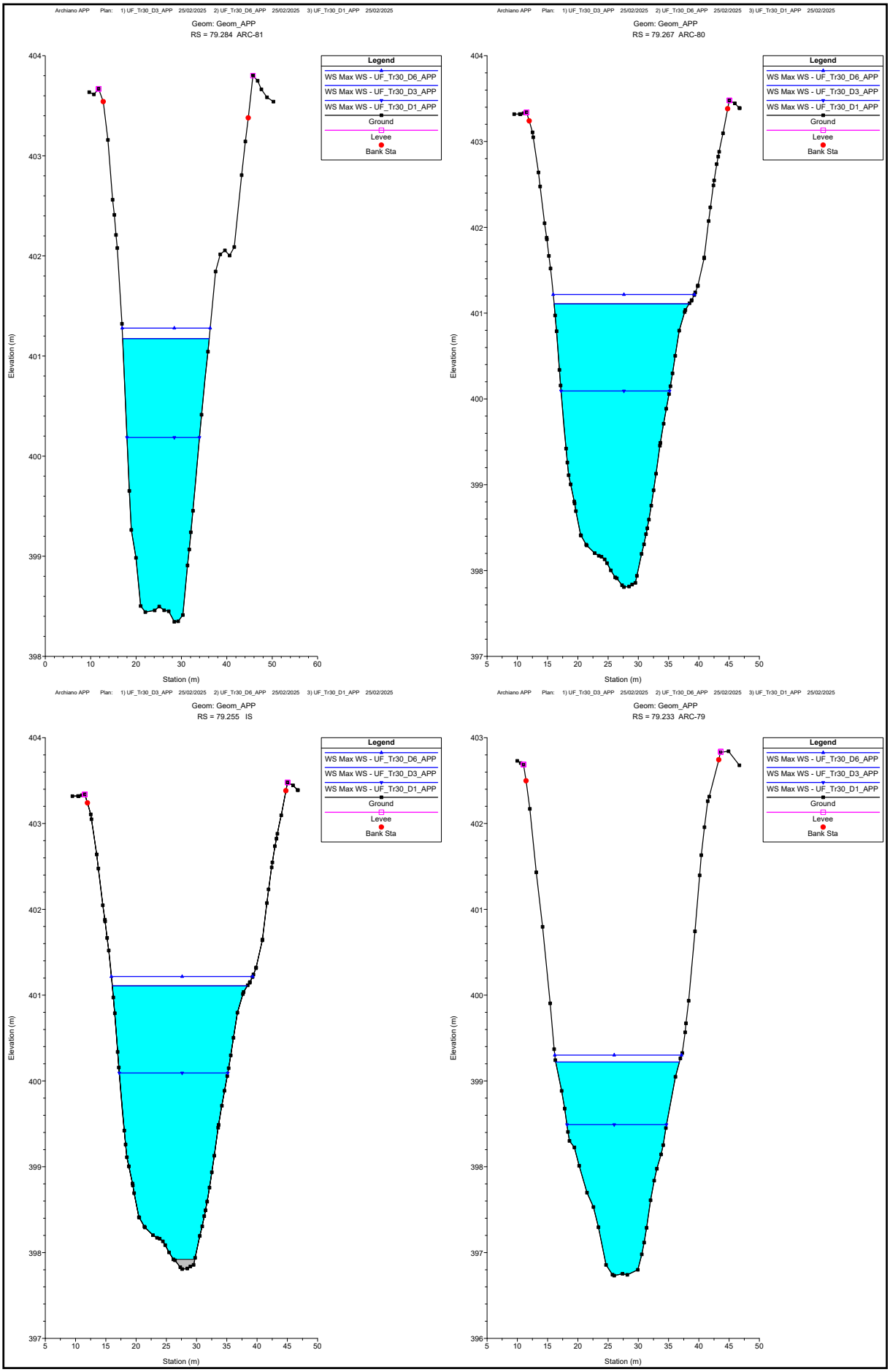
Geom: Geom_APP
RS = 79.384 ARC-84
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 79.367 ARC-83
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 79.317 ARC-82
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 79.310 IS
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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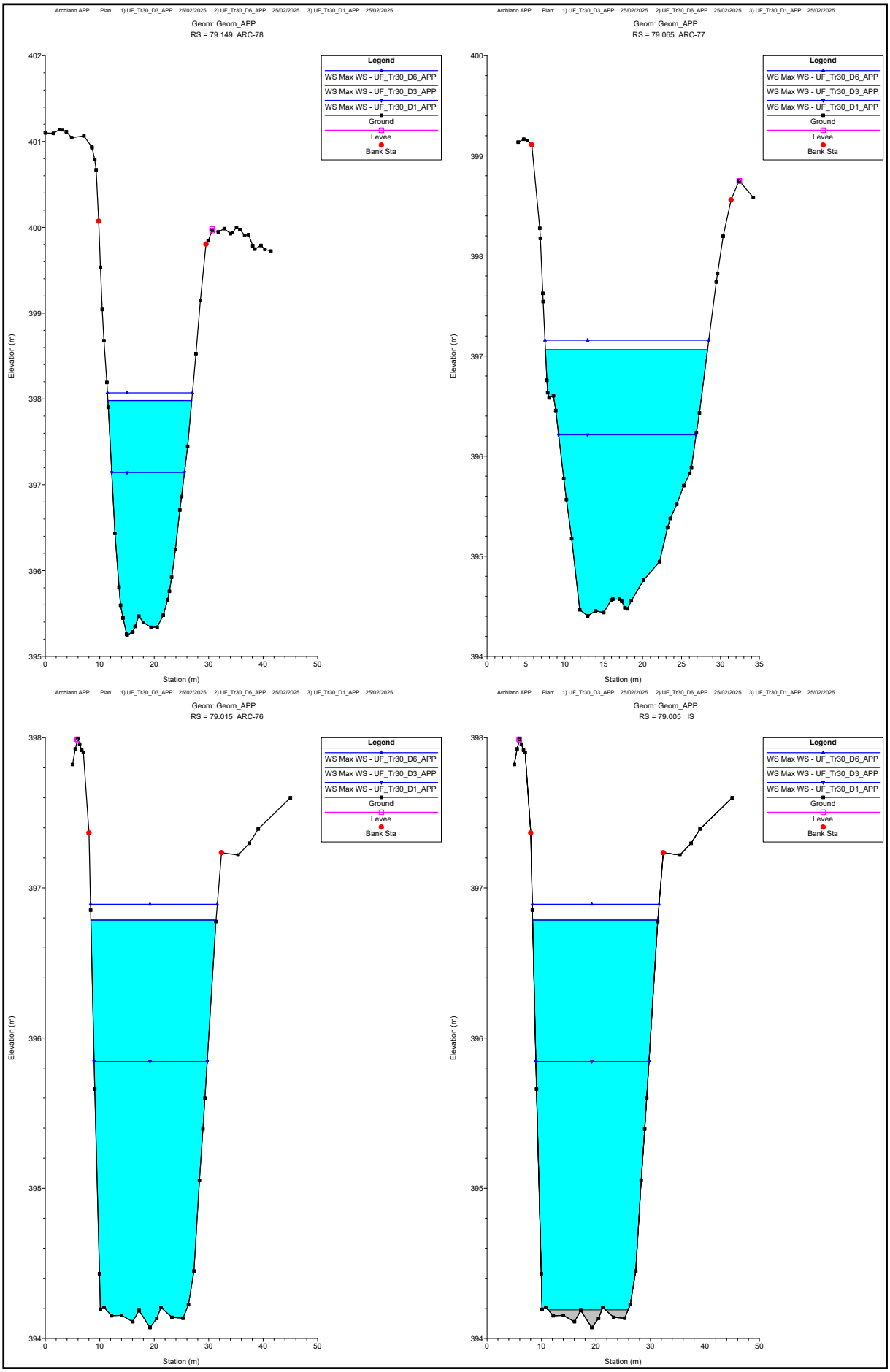
Geom: Geom_APP
RS = 79.284 ARC-81
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 79.267 ARC-80
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 79.255 IS
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 79.233 ARC-79
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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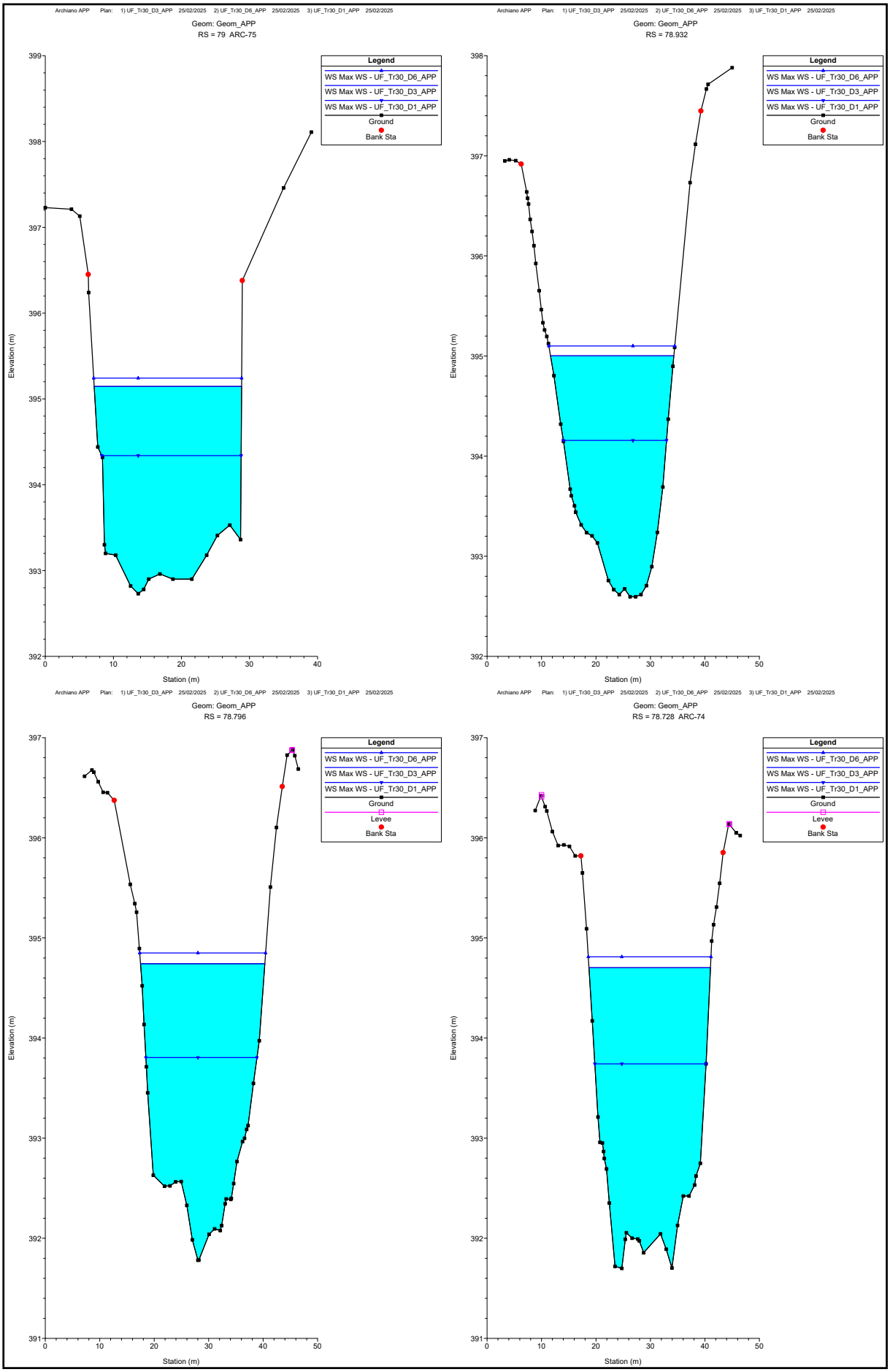
Geom: Geom_APP
RS = 79.149 ARC-78
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 79.065 ARC-77
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 79.015 ARC-76
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 79.005 IS
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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Geom: Geom_APP
RS = 79 ARC-75
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
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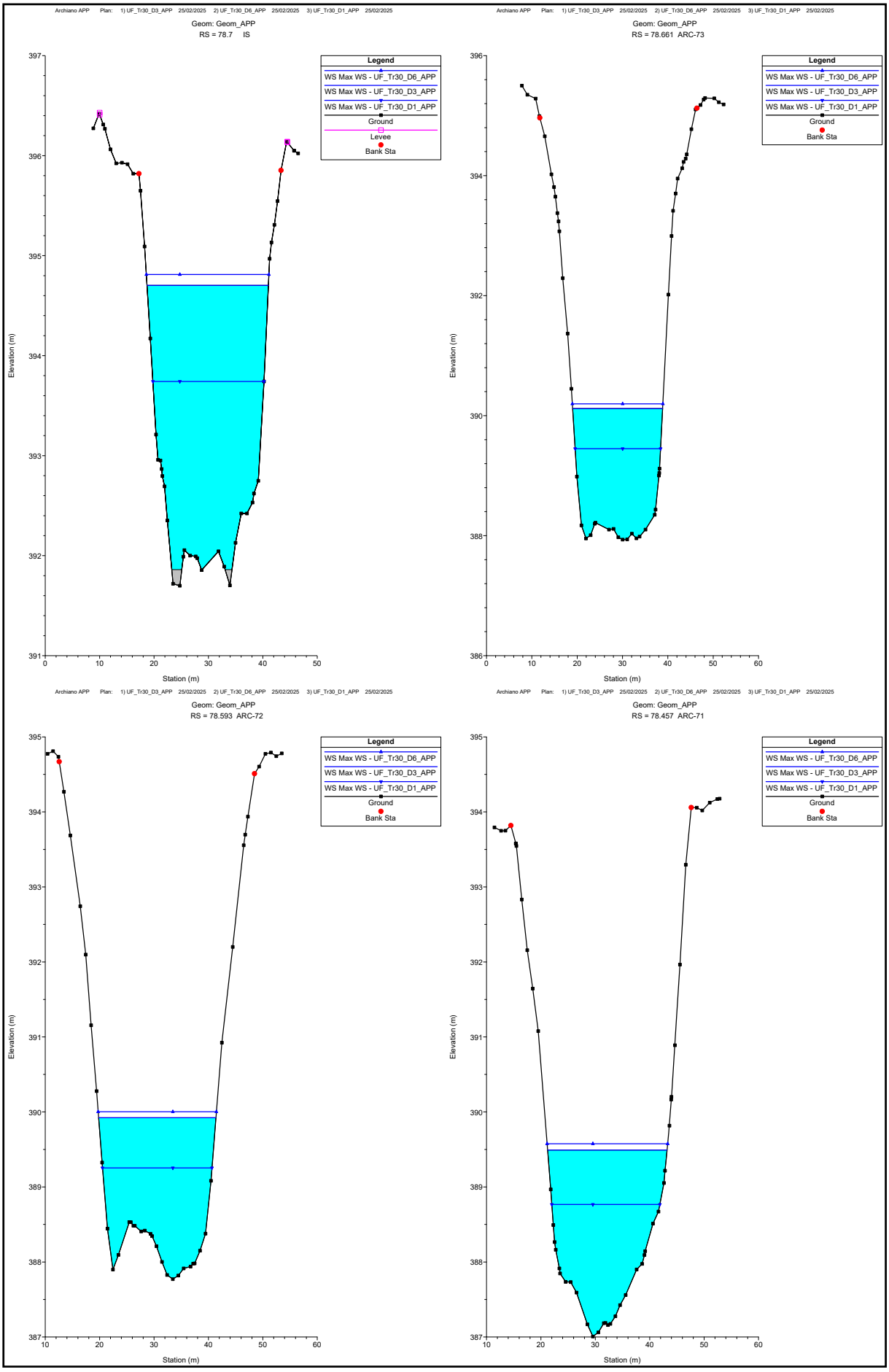
Geom: Geom_APP
RS = 78.932
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 78.796
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 78.728 ARC-74
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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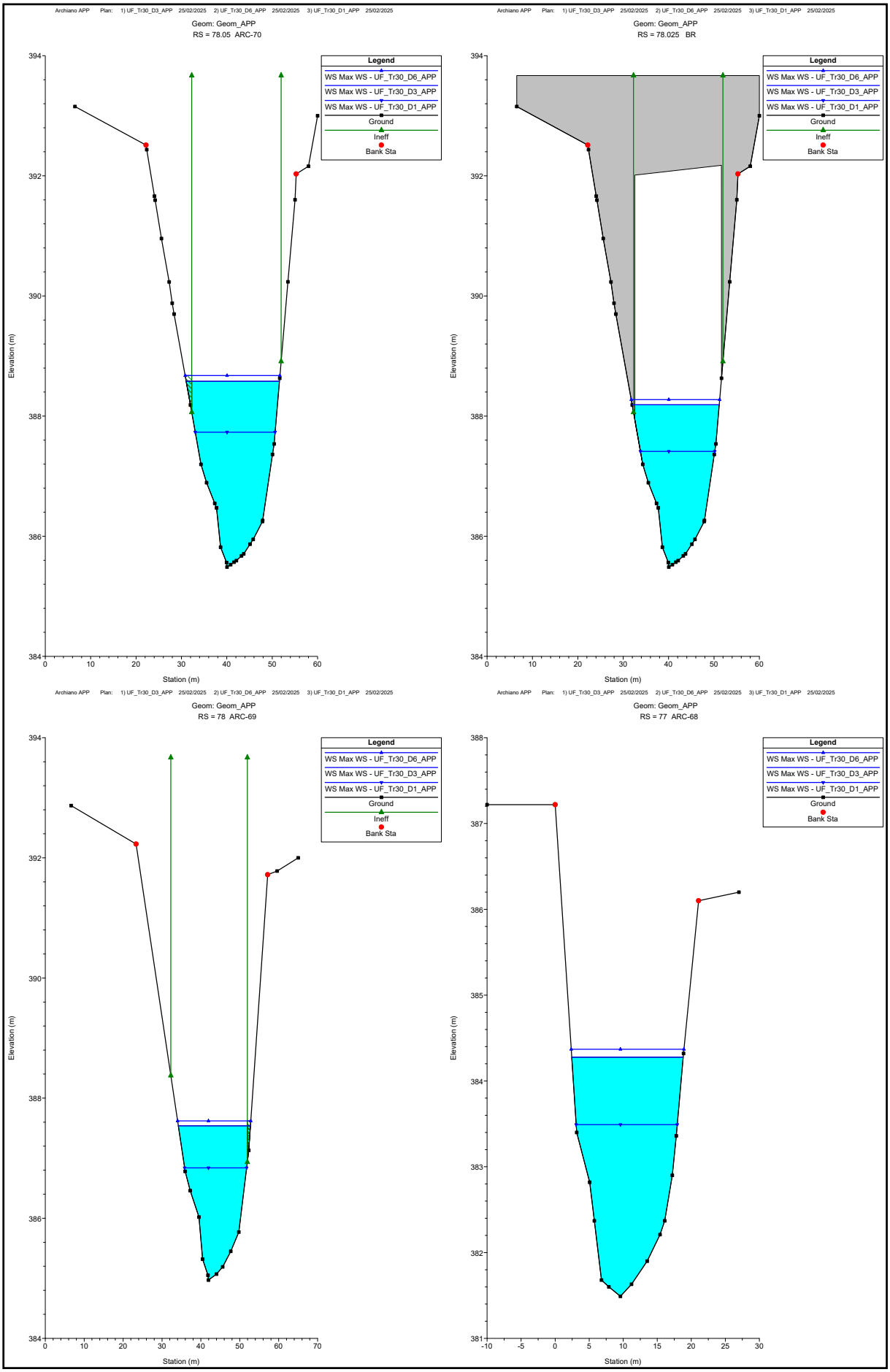
Geom: Geom_APP
RS = 78.7 IS
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 78.661 ARC-73
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 78.593 ARC-72
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 78.457 ARC-71
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)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Geom: Geom_APP
RS = 78.05 ARC-70
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Ineff
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 78.025 BR
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Ineff
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 78 ARC-69
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Ineff
Bank Sta
Elevation (m)
Station (m)
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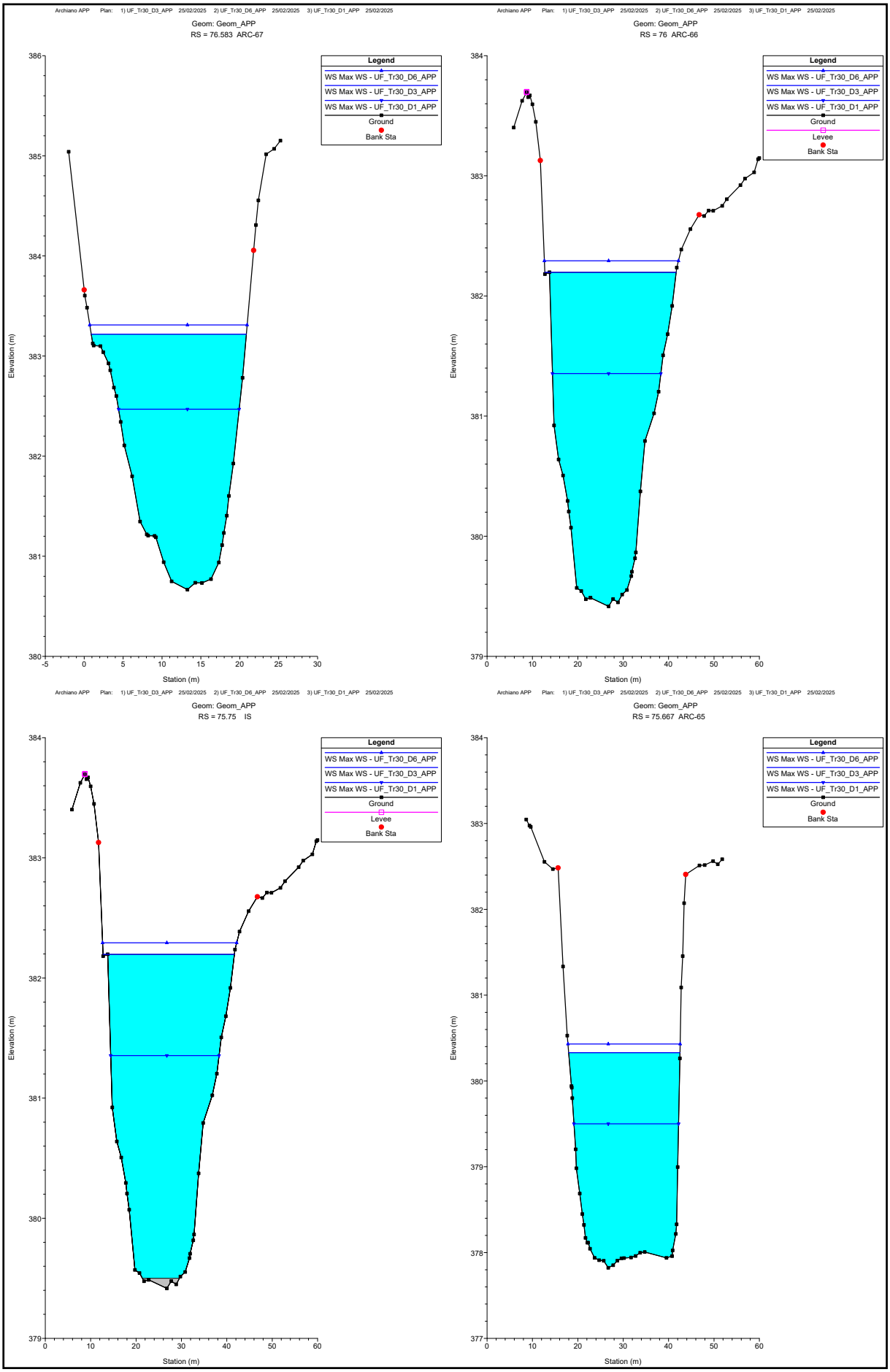
Geom: Geom_APP
RS = 77 ARC-68
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)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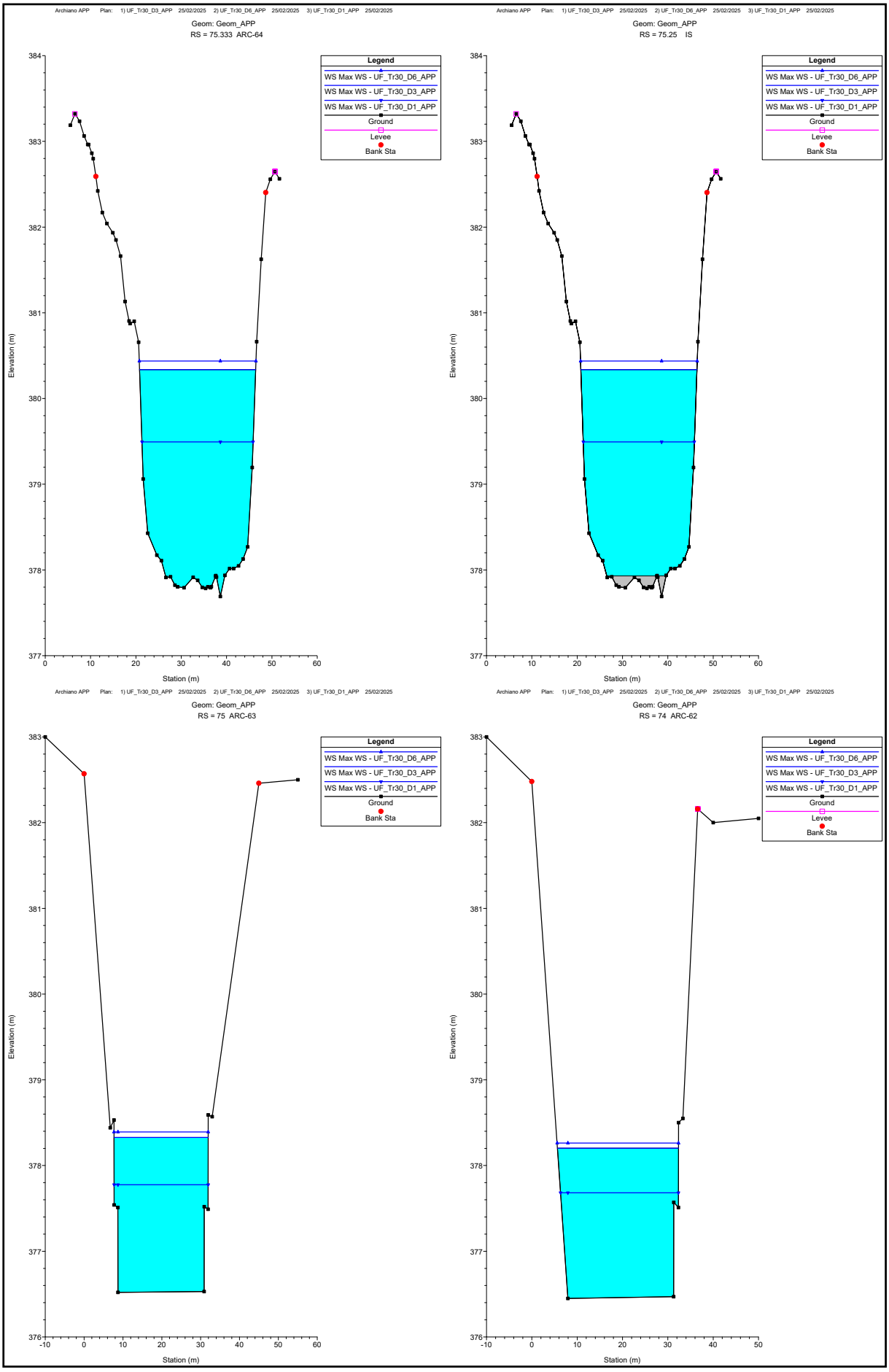
Geom: Geom_APP
RS = 76.583 ARC-67
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 76 ARC-66
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 75.75 IS
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 75.667 ARC-65
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)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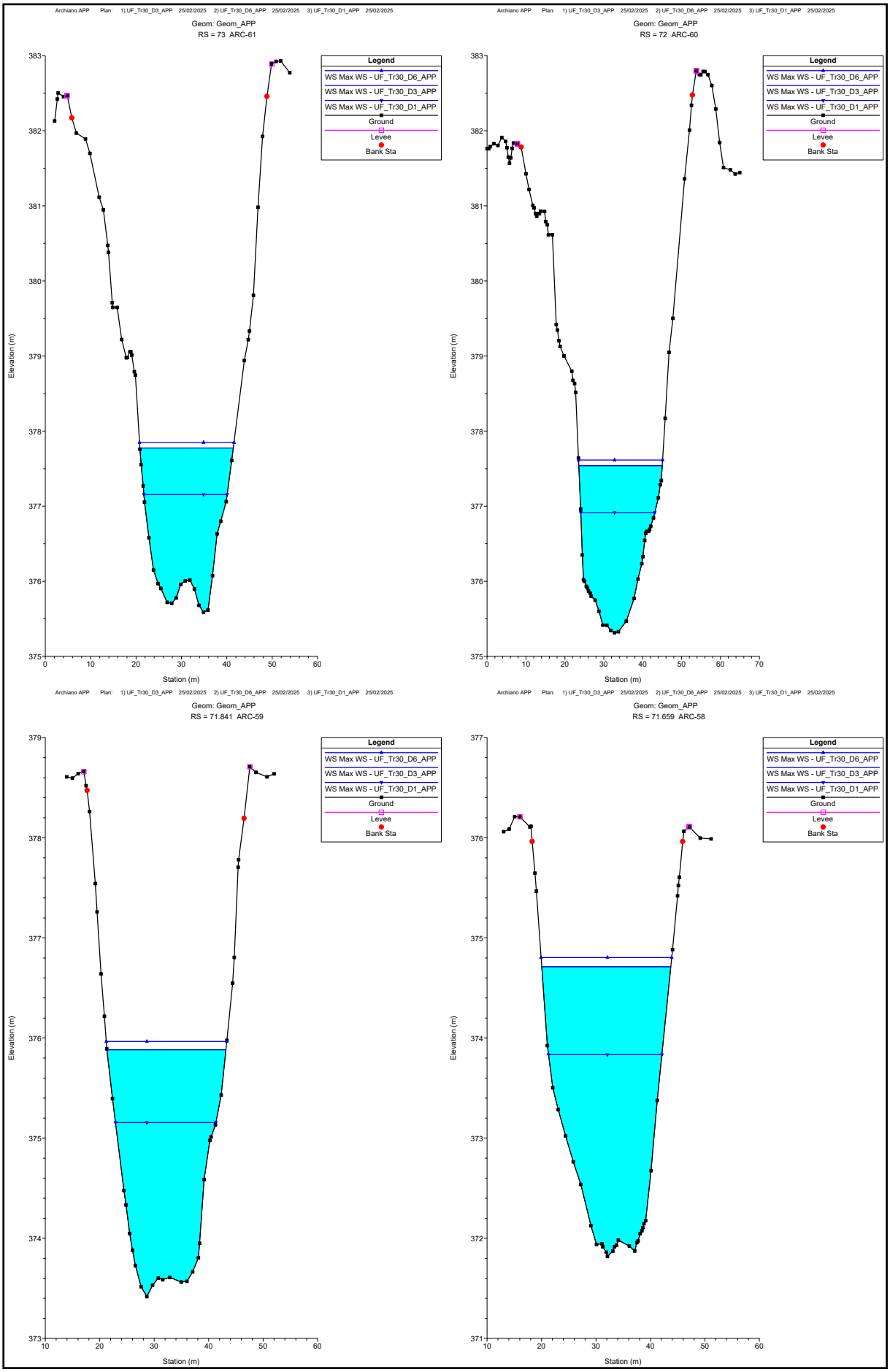
Geom: Geom_APP
RS = 75.333 ARC-64
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 75.25 IS
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 75 ARC-63
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 74 ARC-62
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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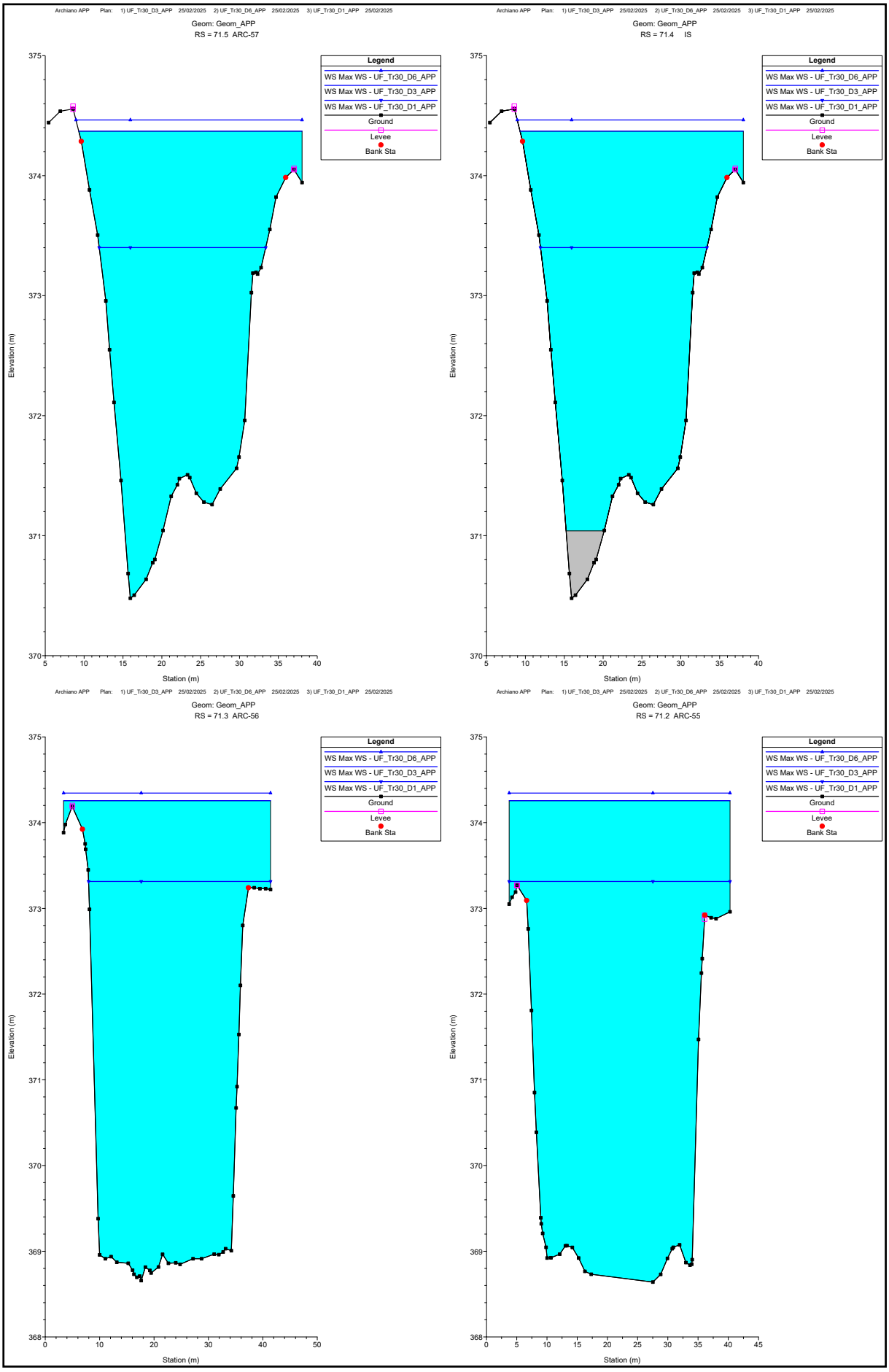
Geom: Geom_APP
RS = 73 ARC-61
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 72 ARC-60
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 71.841 ARC-59
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 71.659 ARC-58
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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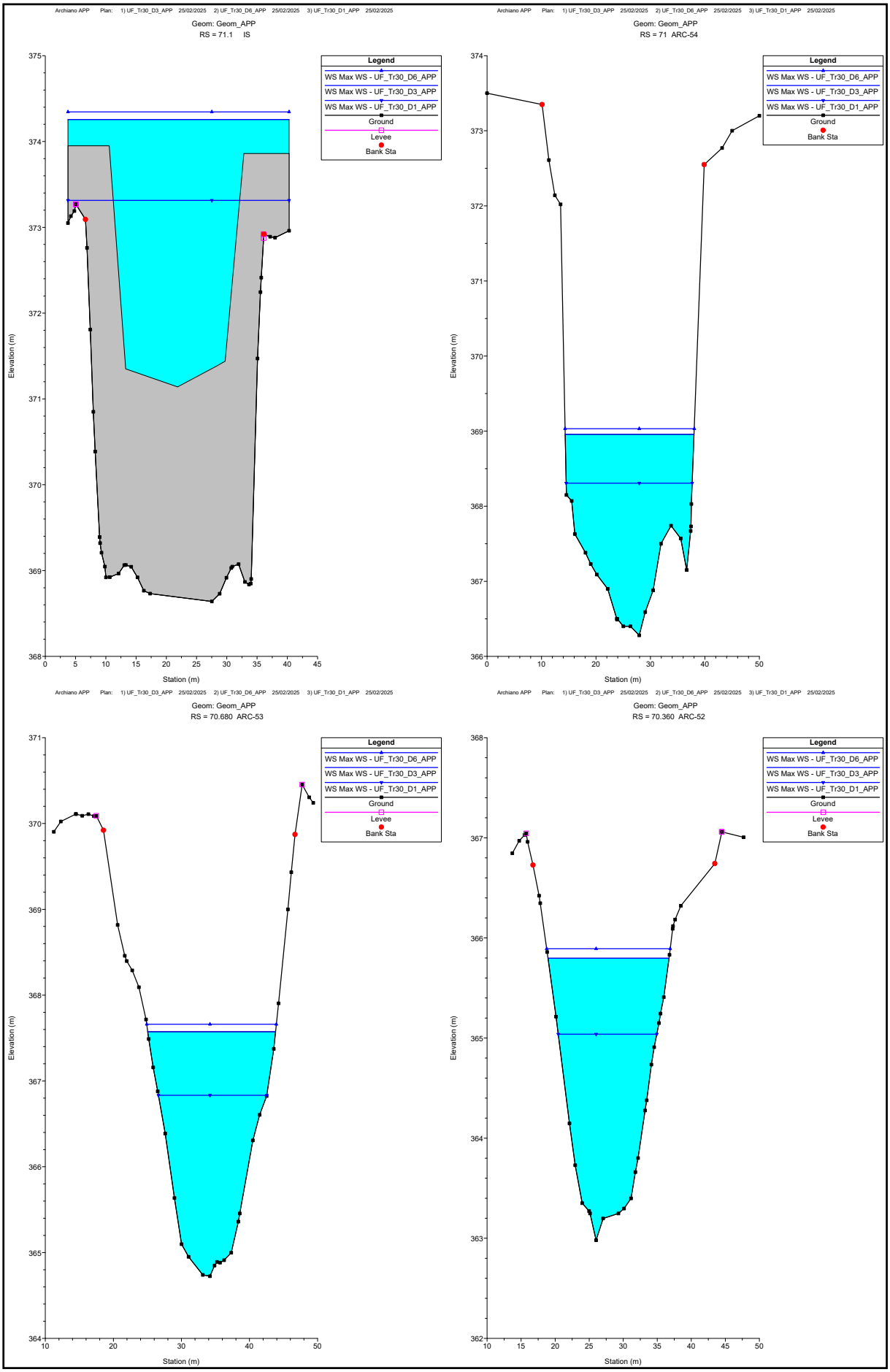
Geom: Geom_APP
RS = 71.5 ARC-57
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 71.4 IS
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 71.3 ARC-56
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 71.2 ARC-55
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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Geom: Geom_APP
RS = 71.1 IS
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 71 ARC-54
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 70.680 ARC-53
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 70.360 ARC-52
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
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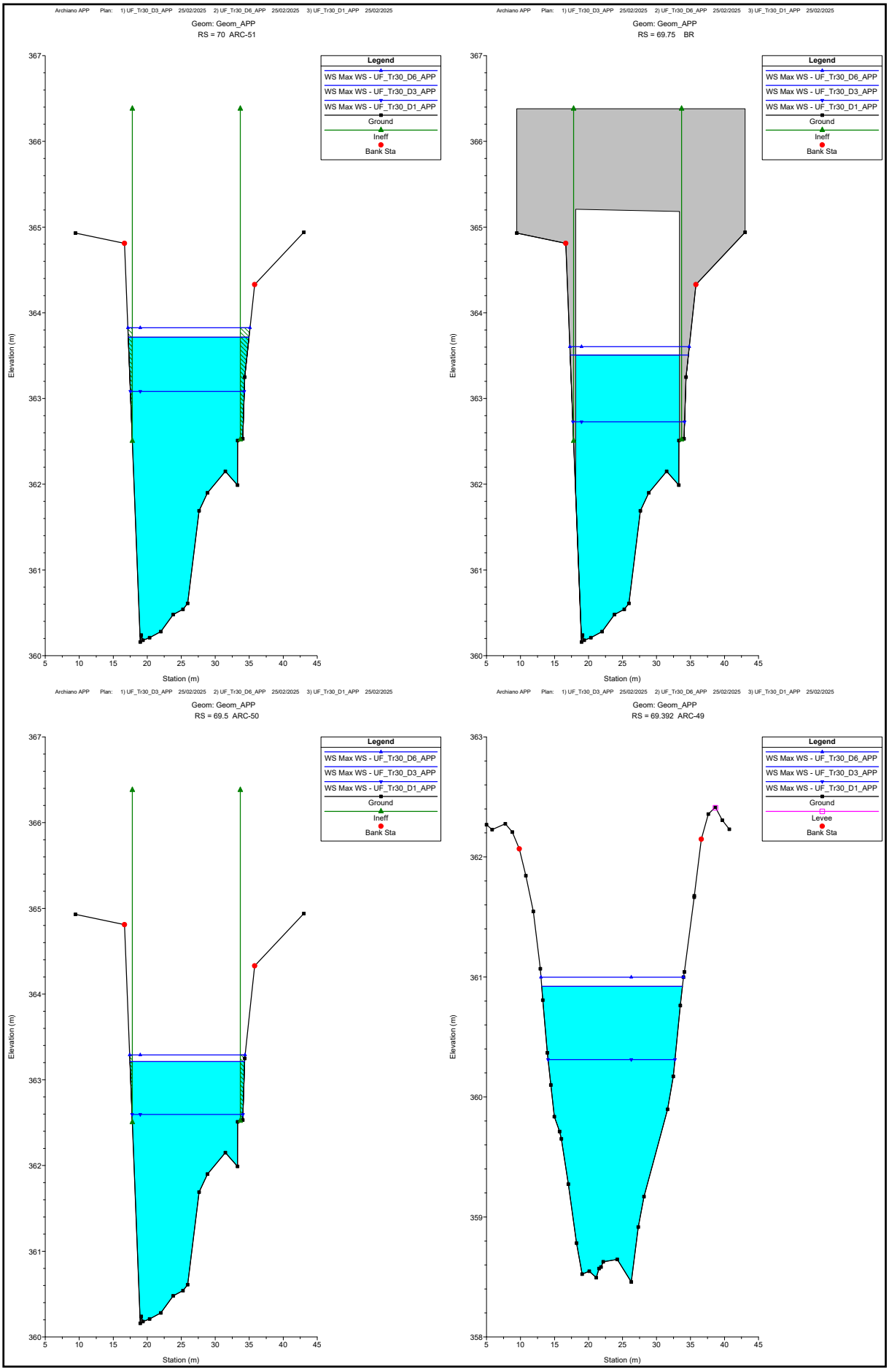
Levee
Bank Sta
Elevation (m)
Station (m)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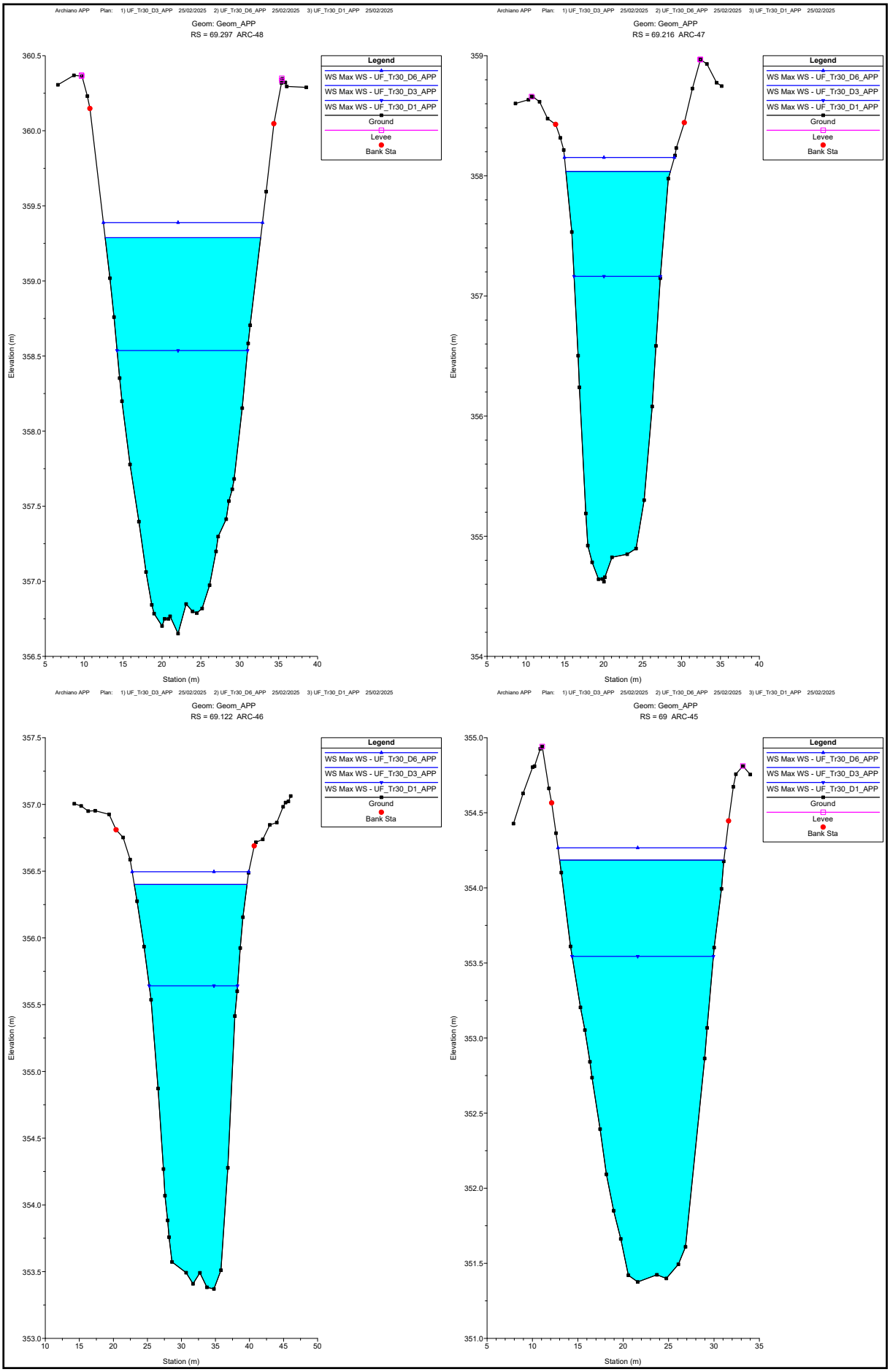
Geom: Geom_APP
RS = 70 ARC-51
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Ineff
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 69.75 BR
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Ineff
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 69.5 ARC-50
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Ineff
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 69.392 ARC-49
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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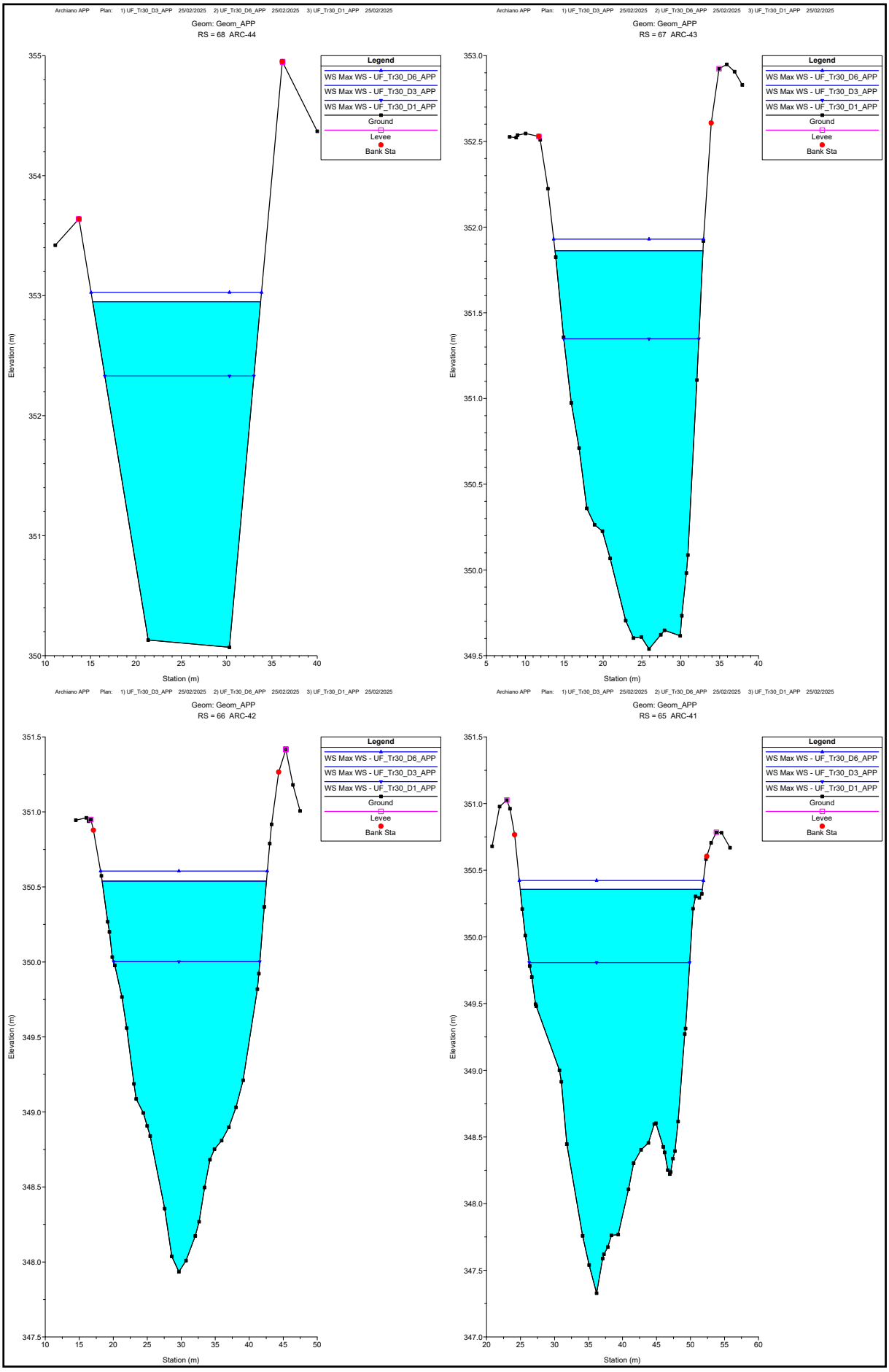
Geom: Geom_APP
RS = 69.297 ARC-48
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 69.216 ARC-47
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 69.122 ARC-46
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 69 ARC-45
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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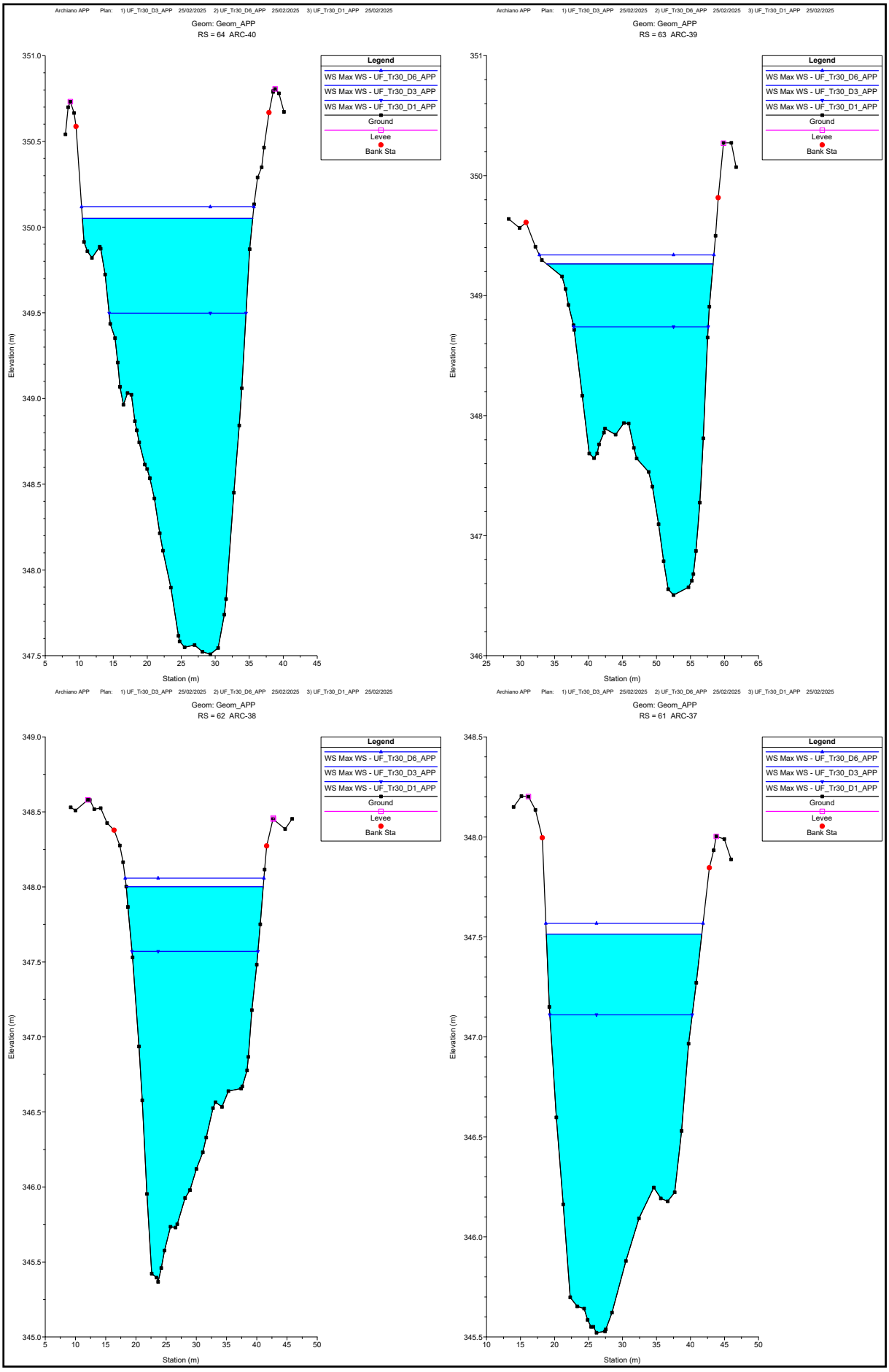
Geom: Geom_APP
RS = 68 ARC-44
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 67 ARC-43
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 66 ARC-42
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 65 ARC-41
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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Geom: Geom_APP
RS = 64 ARC-40
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 63 ARC-39
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 62 ARC-38
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 61 ARC-37
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
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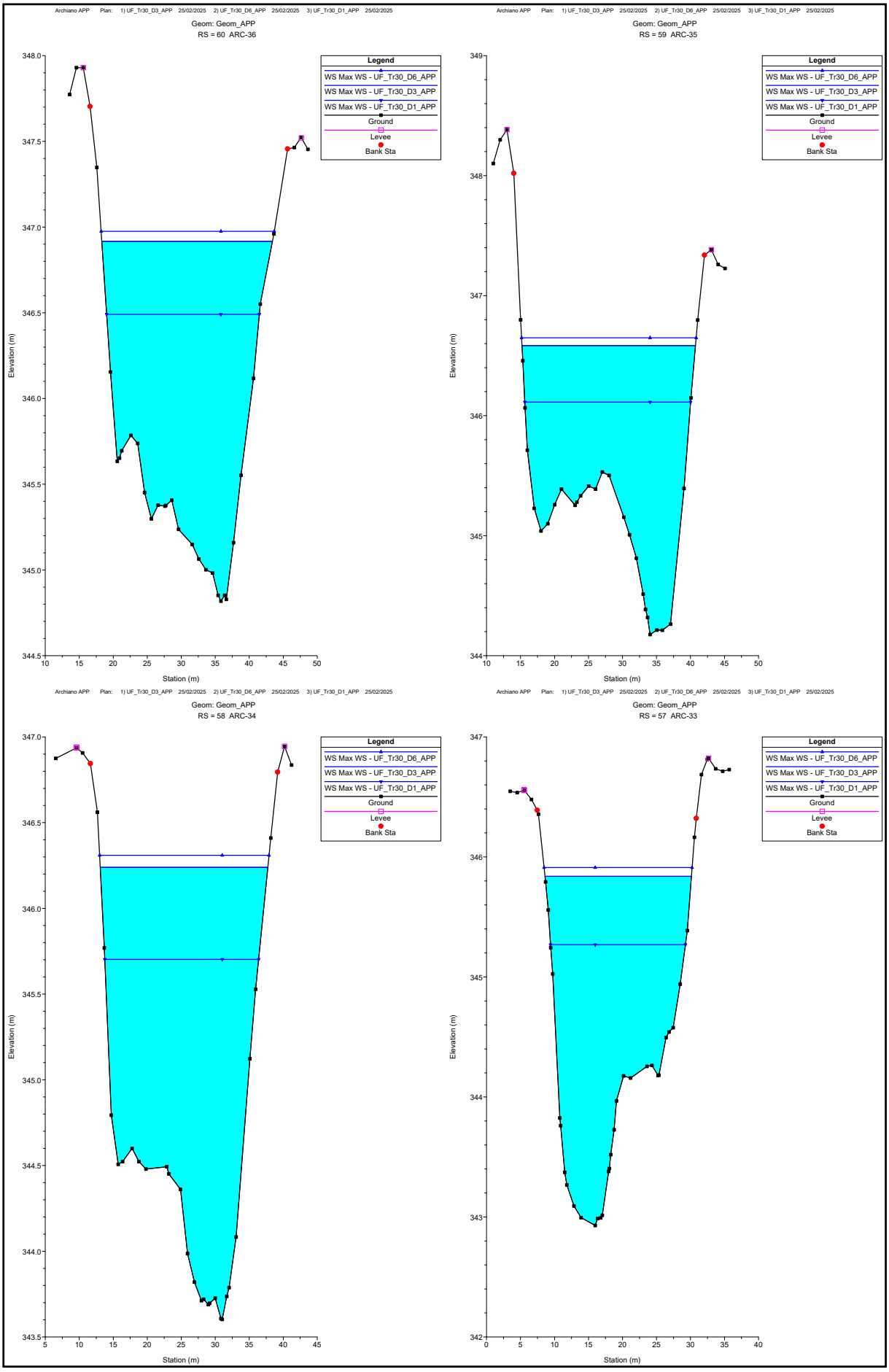
Elevation (m)
Station (m)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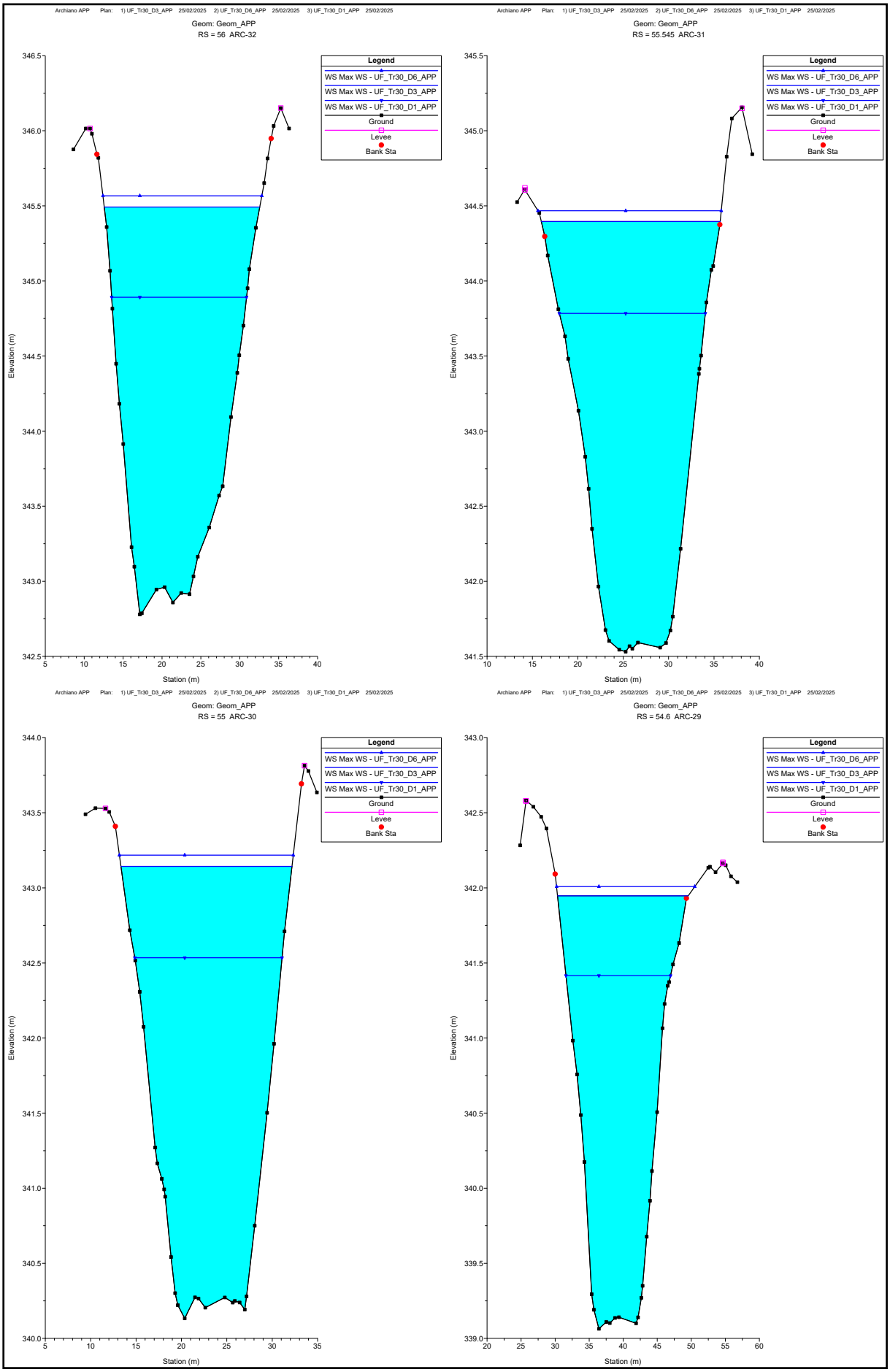
Geom: Geom_APP
RS = 60 ARC-36
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 59 ARC-35
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 58 ARC-34
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 57 ARC-33
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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Geom: Geom_APP
RS = 56 ARC-32
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 55.545 ARC-31
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 55 ARC-30
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 54.6 ARC-29
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
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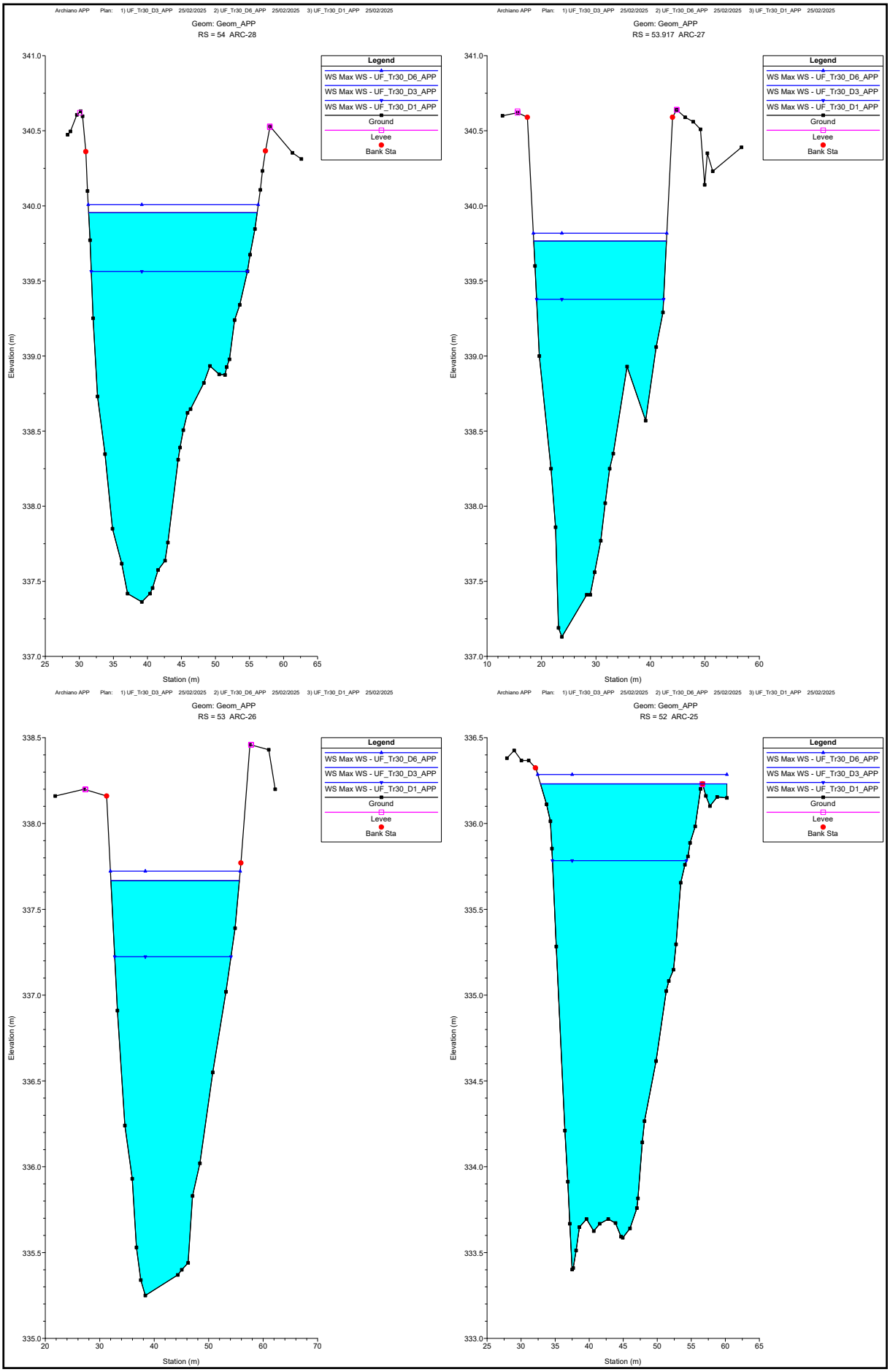
Bank Sta
Elevation (m)
Station (m)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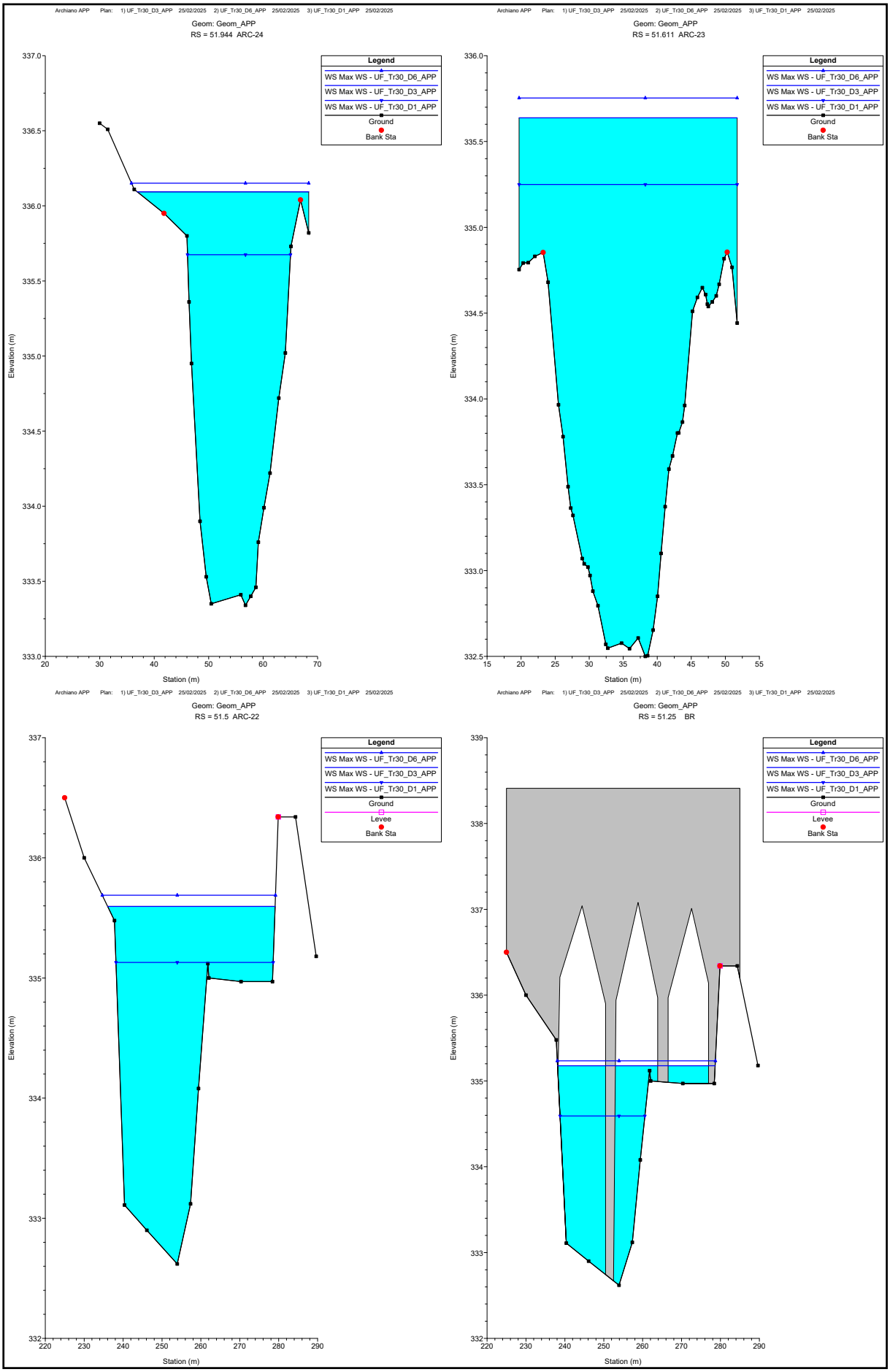
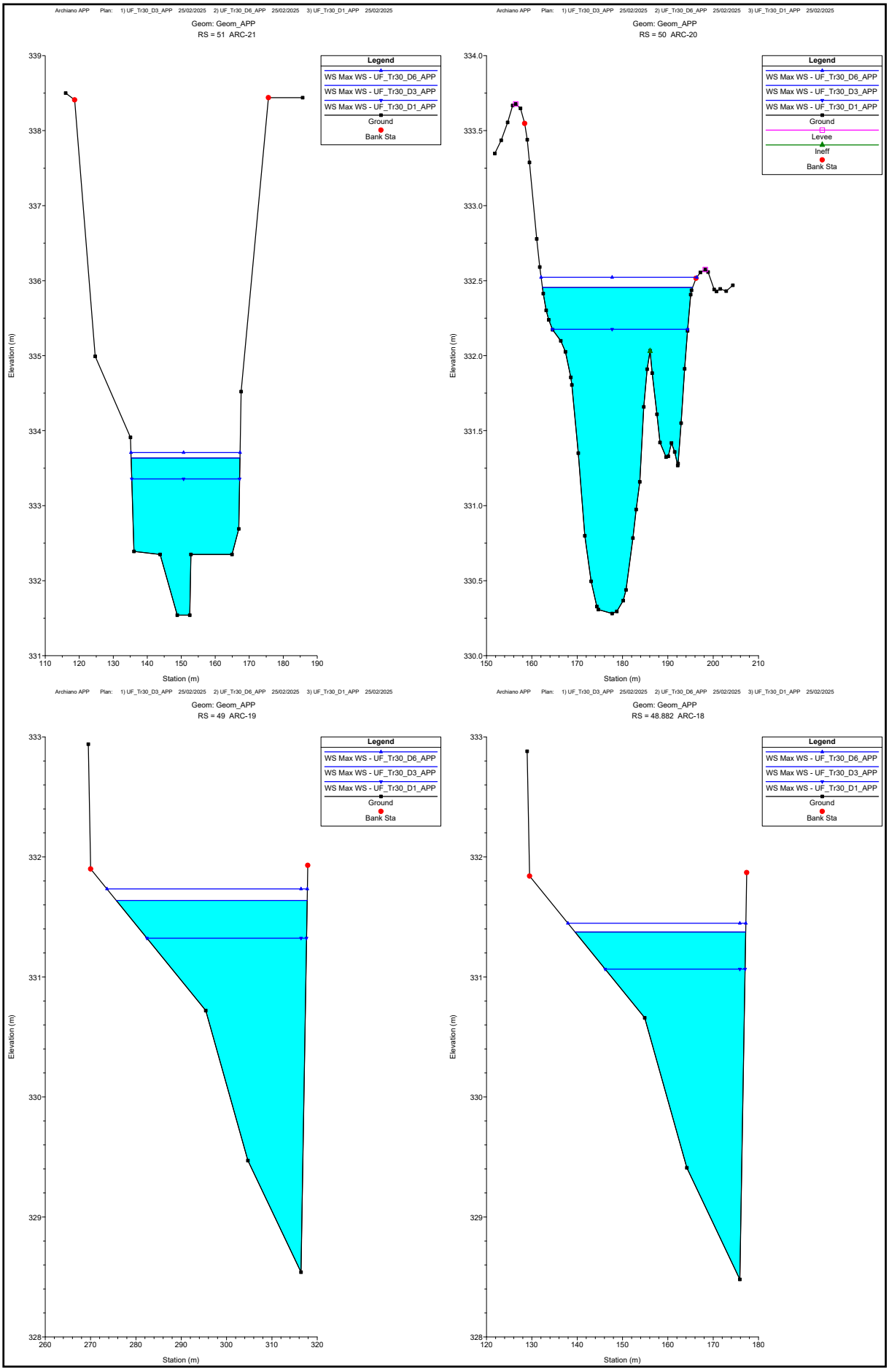
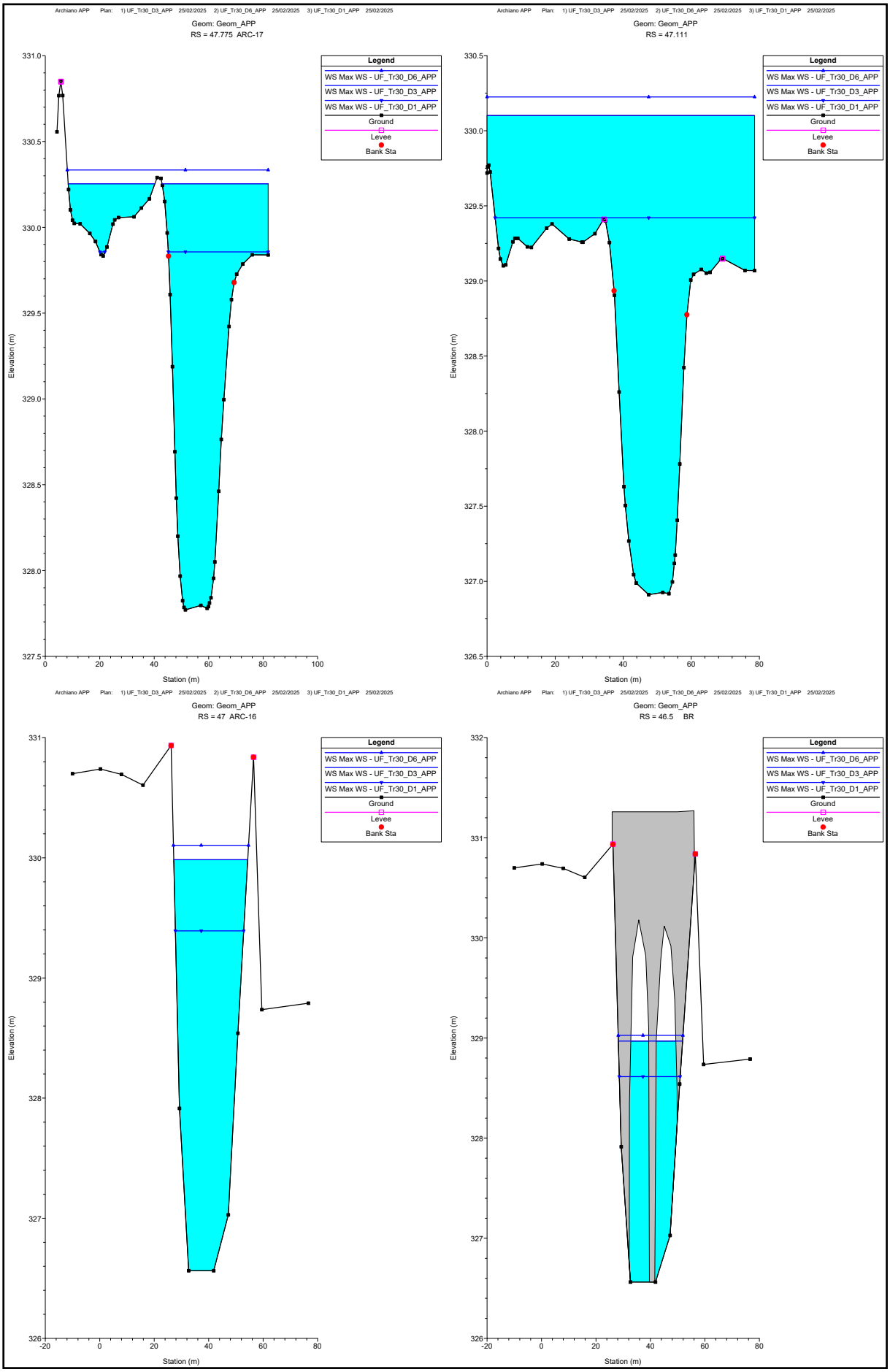
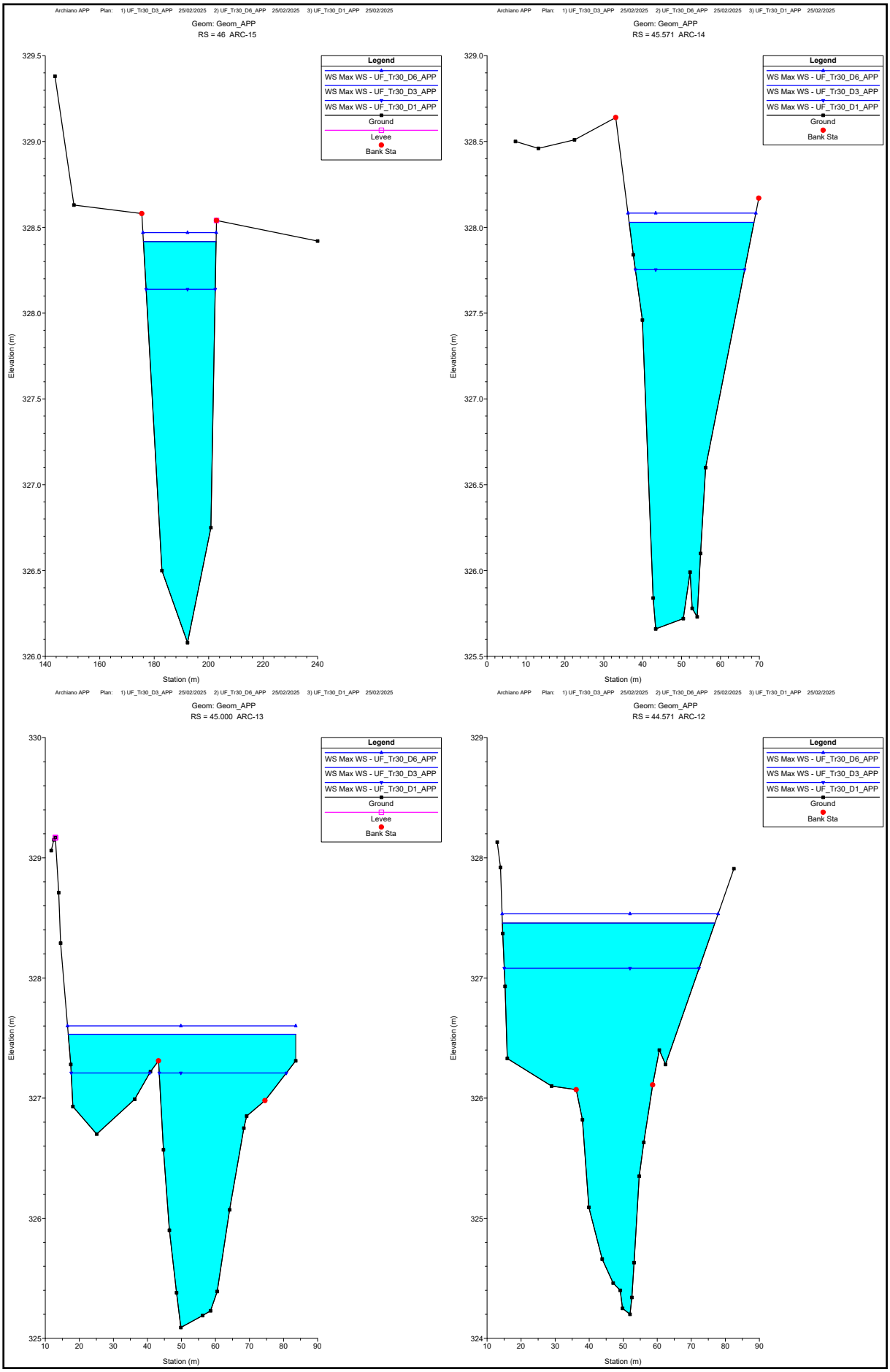
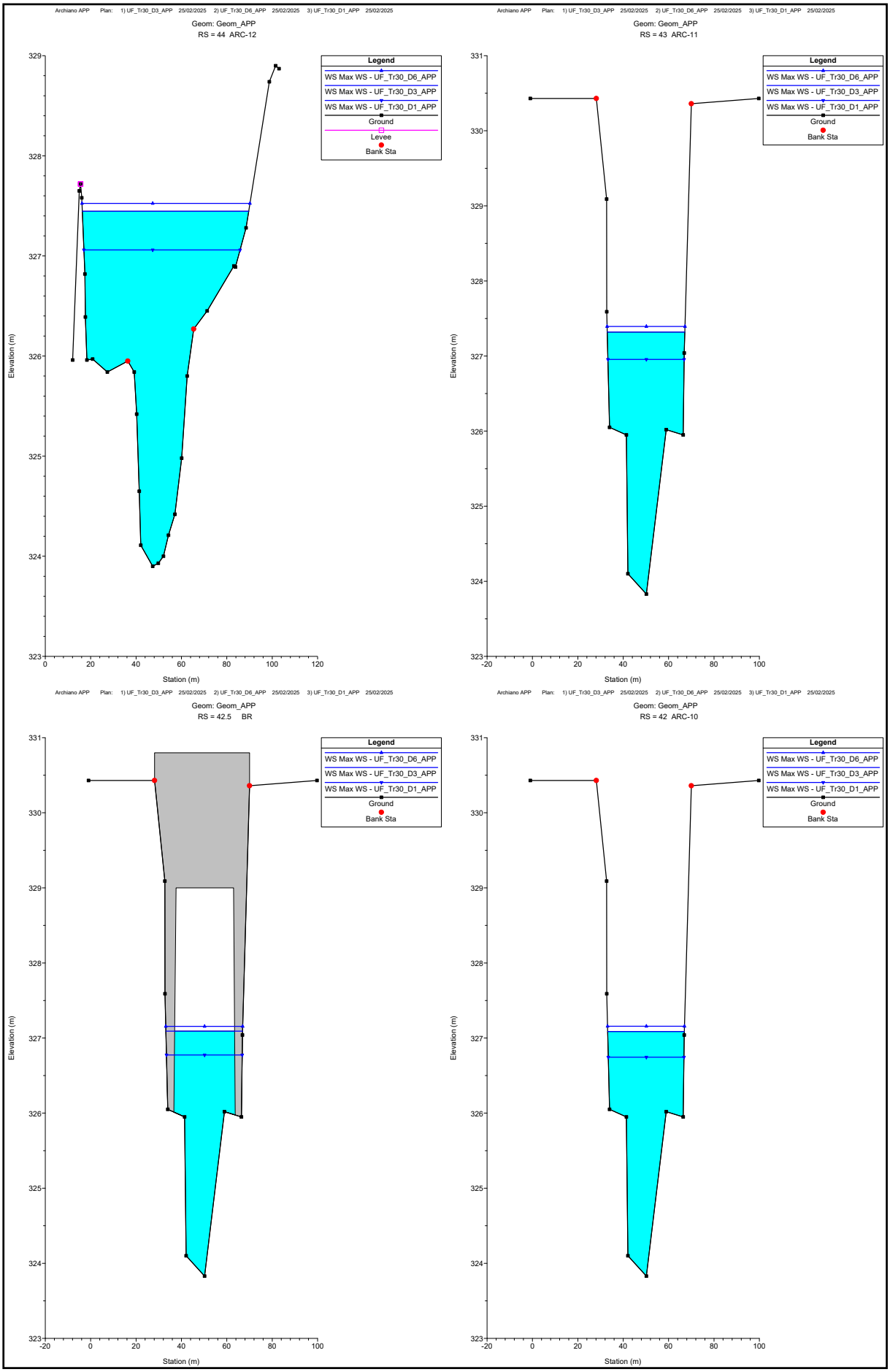
Geom: Geom_APP
RS = 54 ARC-28
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 53.917 ARC-27
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 53 ARC-26
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 52 ARC-25
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)

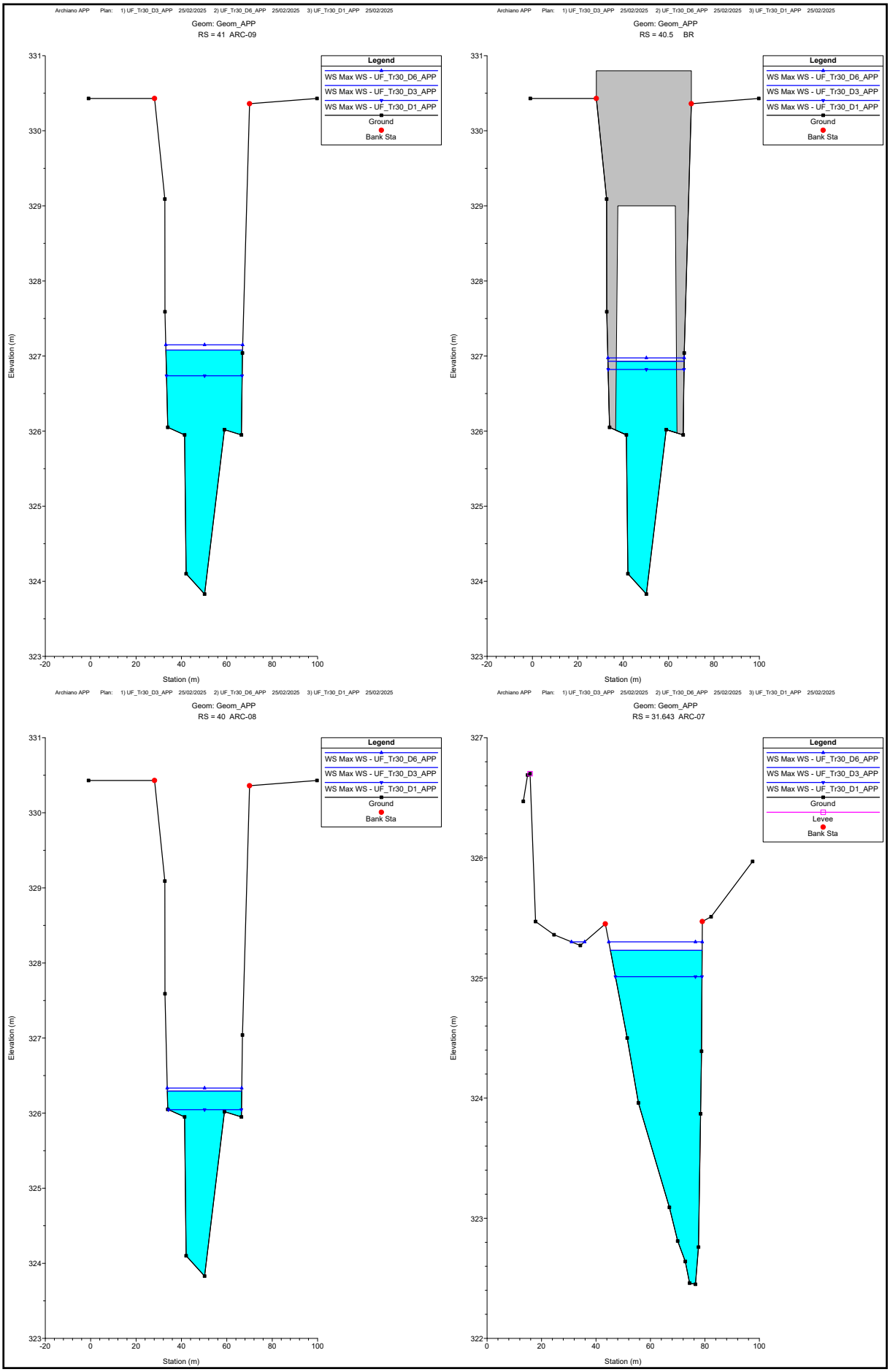

Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 51.944 ARC-24
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 51.611 ARC-23
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 51.5 ARC-22
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 51.25 BR
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)

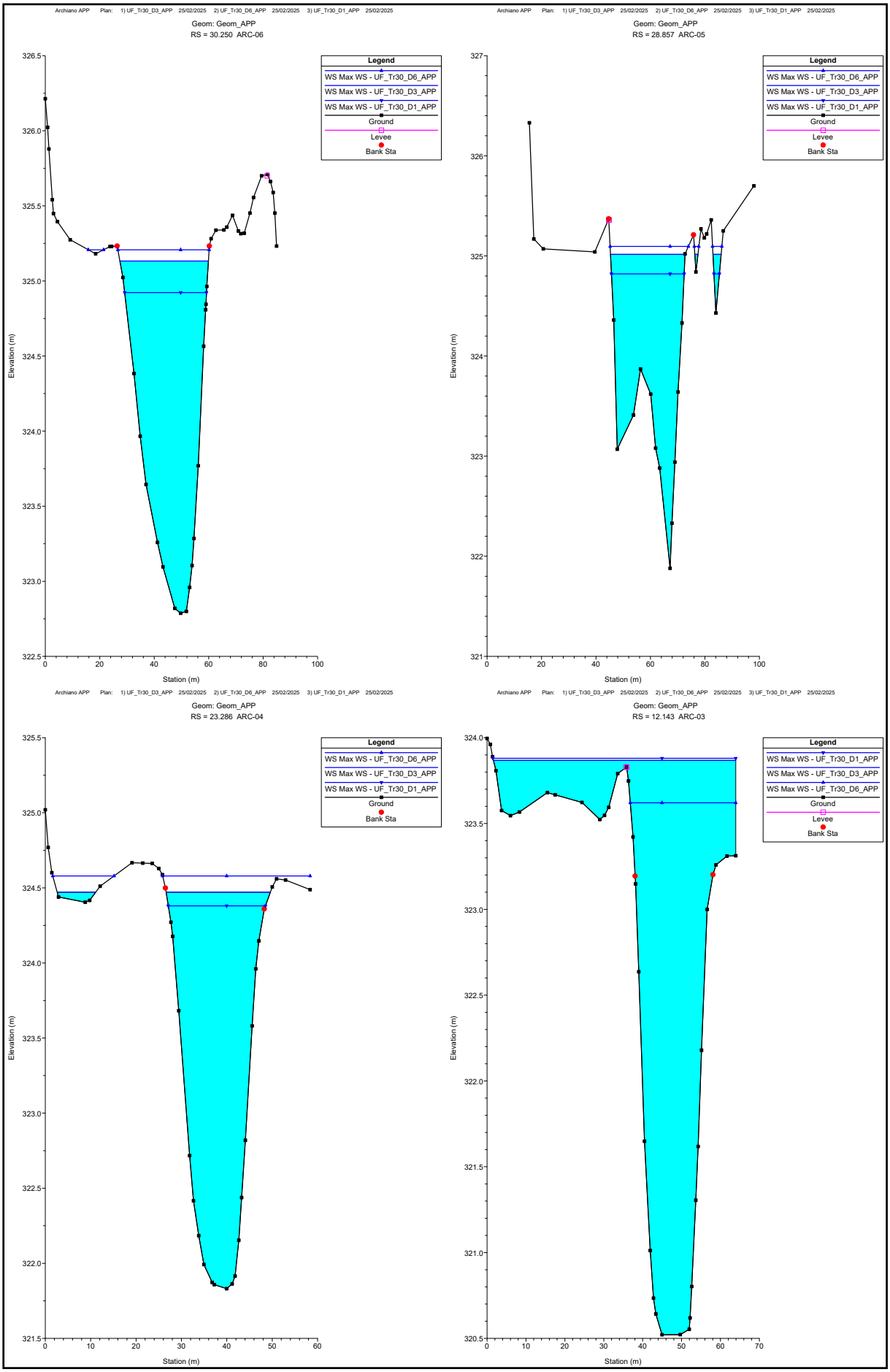

Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 51 ARC-21
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 50 ARC-20
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Ineff
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 49 ARC-19
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 48.882 ARC-18
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)

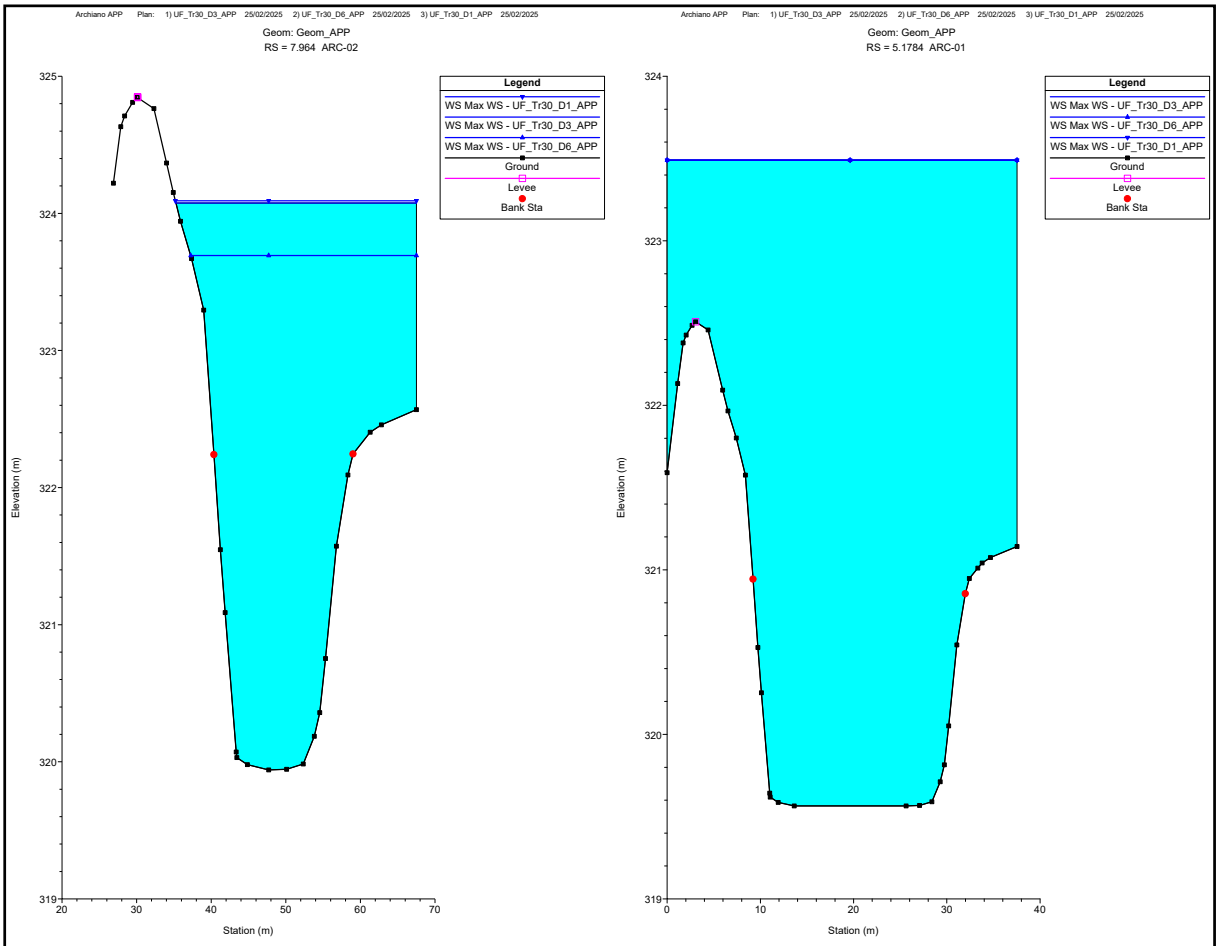

Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 47.775 ARC-17
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 47.111
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 47 ARC-16
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 46.5 BR
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)


Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 46 ARC-15
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 45.571 ARC-14
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 45.000 ARC-13
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 44.571 ARC-12
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)


Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 44 ARC-12
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 43 ARC-11
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 42.5 BR
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 42 ARC-10
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)


Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 41 ARC-09
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 40.5 BR
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 40 ARC-08
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 31.643 ARC-07
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)


Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 30.250 ARC-06
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 28.857 ARC-05
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 23.286 ARC-04
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 12.143 ARC-03
Legend
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)


Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 7.964 ARC-02
Legend
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 5.1784 ARC-01
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)

ALLEGATI

MODELLAZIONE HEC-RAS 6.3.1 "ARCHIANO APP"

ARCHIANO

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 1, 3 e 6 h

Dati idraulici

HEC-RAS Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Monte	100	Max WS	UF_Tr30_D3_APP	128.00	431.49	433.54	434.25	435.44	0.032169	6.11			20.94	15.05	1.65
Monte	100	Max WS	UF_Tr30_D6_APP	134.20	431.49	433.58	434.31	435.54	0.032184	6.19			21.68	15.28	1.66
Monte	100	Max WS	UF_Tr30_D1_APP	60.10	431.49	432.88	433.28	434.14	0.029623	4.97			12.09	11.21	1.53
Monte	99	Max WS	UF_Tr30_D3_APP	127.99	429.79	431.82	432.12	433.16	0.018955	5.13			24.94	15.22	1.28
Monte	99	Max WS	UF_Tr30_D6_APP	134.20	429.79	431.88	432.19	433.26	0.018888	5.21			25.77	15.32	1.28
Monte	99	Max WS	UF_Tr30_D1_APP	60.10	429.79	431.13	431.30	431.96	0.019827	4.03			14.91	13.95	1.25
Monte	98	Max WS	UF_Tr30_D3_APP	127.99	427.98	430.53		431.29	0.008200	3.87			33.10	16.02	0.86
Monte	98	Max WS	UF_Tr30_D6_APP	134.20	427.98	430.58		431.38	0.008332	3.95		0.10	34.00	16.44	0.87
Monte	98	Max WS	UF_Tr30_D1_APP	60.09	427.98	429.82		430.19	0.005678	2.70			22.28	14.38	0.69
Monte	97	Max WS	UF_Tr30_D3_APP	127.99	427.60	429.69	429.86	430.92	0.016040	4.90			26.11	13.61	1.13
Monte	97	Max WS	UF_Tr30_D6_APP	134.20	427.60	429.75	429.93	431.02	0.016263	5.00			26.83	13.66	1.14
Monte	97	Max WS	UF_Tr30_D1_APP	60.10	427.60	429.05		429.65	0.011574	3.41			17.60	13.00	0.94
Monte	96	Max WS	UF_Tr30_D3_APP	127.99	427.31	429.44		430.27	0.010179	4.03			31.76	16.41	0.92
Monte	96	Max WS	UF_Tr30_D6_APP	134.20	427.31	429.49		430.35	0.010393	4.12			32.56	16.47	0.94
Monte	96	Max WS	UF_Tr30_D1_APP	60.09	427.31	428.88		429.23	0.006078	2.63			22.84	15.72	0.70
Monte	95	Max WS	UF_Tr30_D3_APP	127.99	426.84	428.95		429.62	0.008053	3.61			35.44	18.38	0.83
Monte	95	Max WS	UF_Tr30_D6_APP	134.20	426.84	429.02		429.70	0.008039	3.67			36.59	18.44	0.83
Monte	95	Max WS	UF_Tr30_D1_APP	60.09	426.84	428.18		428.58	0.008285	2.79			21.51	17.59	0.81
Monte	94	Max WS	UF_Tr30_D3_APP	127.99	426.74	428.87	428.56	429.53	0.007909	3.61			35.50	16.82	0.79
Monte	94	Max WS	UF_Tr30_D6_APP	134.20	426.74	428.93	428.62	429.62	0.007959	3.67			36.54	16.82	0.80
Monte	94	Max WS	UF_Tr30_D1_APP	60.09	426.74	428.10	427.84	428.46	0.007174	2.67			22.52	16.80	0.74
Monte	93.50			Bridge											
Monte	92	Max WS	UF_Tr30_D3_APP	127.98	426.66	428.29	428.51	429.44	0.019192	4.74			27.01	17.55	1.22
Monte	92	Max WS	UF_Tr30_D6_APP	134.20	426.66	428.34	428.56	429.53	0.019265	4.83			27.81	17.55	1.22
Monte	92	Max WS	UF_Tr30_D1_APP	60.09	426.66	427.71	427.81	428.36	0.018932	3.57			16.84	17.55	1.16
Monte	91	Max WS	UF_Tr30_D3_APP	127.99	426.49	428.06	428.33	429.27	0.021140	4.88			26.21	17.54	1.28
Monte	91	Max WS	UF_Tr30_D6_APP	134.20	426.49	428.10	428.38	429.36	0.021171	4.97			27.01	17.54	1.28
Monte	91	Max WS	UF_Tr30_D1_APP	60.09	426.49	427.49	427.61	428.17	0.019944	3.67			16.39	17.01	1.19
Monte	90	Max WS	UF_Tr30_D3_APP	127.99	426.22	427.91	427.92	428.65	0.011536	3.82			33.50	22.75	1.01
Monte	90	Max WS	UF_Tr30_D6_APP	134.20	426.22	427.96	427.97	428.73	0.011553	3.89			34.53	22.83	1.01
Monte	90	Max WS	UF_Tr30_D1_APP	60.09	426.22	427.35		427.77	0.010986	2.86			20.99	21.76	0.93
Monte	89	Max WS	UF_Tr30_D3_APP	127.99	426.07	427.68	427.95	428.85	0.019724	4.79			26.69	19.07	1.29
Monte	89	Max WS	UF_Tr30_D6_APP	134.19	426.07	427.73	428.00	428.93	0.019653	4.87			27.56	19.14	1.30
Monte	89	Max WS	UF_Tr30_D1_APP	60.09	426.07	427.12	427.26	427.82	0.020727	3.72			16.17	18.18	1.26
Monte	88	Max WS	UF_Tr30_D3_APP	127.98	425.09	427.09	427.30	428.22	0.016292	4.71			27.14	17.48	1.21
Monte	88	Max WS	UF_Tr30_D6_APP	134.19	425.09	427.13	427.37	428.31	0.016495	4.81			27.92	17.61	1.22
Monte	88	Max WS	UF_Tr30_D1_APP	59.92	425.09	426.58	426.54	427.11	0.010860	3.21			18.65	15.97	0.95
Intermedio	87	Max WS	UF_Tr30_D3_APP	134.05	425.13	426.65	426.95	427.83	0.021420	4.82			27.83	21.55	1.35
Intermedio	87	Max WS	UF_Tr30_D6_APP	142.21	425.13	426.71	427.01	427.92	0.020978	4.89			29.11	21.69	1.35
Intermedio	87	Max WS	UF_Tr30_D1_APP	63.55	425.13	426.08	426.30	426.89	0.027704	3.99			15.94	20.25	1.43
Intermedio	86.9			Lat Struct											
Intermedio	86.8			Lat Struct											
Intermedio	86	Max WS	UF_Tr30_D3_APP	134.10	424.28	426.27	426.38	427.28	0.013791	4.46			30.06	18.04	1.10
Intermedio	86	Max WS	UF_Tr30_D6_APP	142.27	424.28	426.33	426.46	427.39	0.013873	4.56			31.21	18.16	1.11
Intermedio	86	Max WS	UF_Tr30_D1_APP	63.57	424.28	425.62	425.63	426.20	0.012985	3.38			18.79	16.74	1.02
Intermedio	85	Max WS	UF_Tr30_D3_APP	134.18	424.04	425.96	426.20	427.15	0.016761	4.82			27.82	17.43	1.22
Intermedio	85	Max WS	UF_Tr30_D6_APP	142.38	424.04	426.02	426.27	427.26	0.016828	4.93			28.90	17.55	1.23
Intermedio	85	Max WS	UF_Tr30_D1_APP	63.61	424.04	425.33	425.43	426.03	0.016251	3.71			17.16	16.04	1.14
Intermedio	84	Max WS	UF_Tr30_D3_APP	134.32	423.54	425.38	425.73	426.70	0.020688	5.08			26.42	18.32	1.35
Intermedio	84	Max WS	UF_Tr30_D6_APP	142.56	423.54	425.45	425.82	426.81	0.020508	5.16			27.60	18.54	1.35
Intermedio	84	Max WS	UF_Tr30_D1_APP	63.67	423.54	424.73	424.96	425.61	0.023068	4.15			15.36	15.91	1.35
Intermedio	83	Max WS	UF_Tr30_D3_APP	134.43	422.84	425.00	424.96	425.77	0.010369	3.88		0.09	34.68	21.04	0.96
Intermedio	83	Max WS	UF_Tr30_D6_APP	142.69	422.84	425.07	425.05	425.86	0.010648	3.95		0.27	36.29	24.35	0.97
Intermedio	83	Max WS	UF_Tr30_D1_APP	63.72	422.84	424.30		424.77	0.010311	3.03			21.04	18.47	0.91
Intermedio	82	Max WS	UF_Tr30_D3_APP	134.51	422.02	424.70		425.12	0.004582	2.86	0.25	0.18	47.42	29.68	0.67
Intermedio	82	Max WS	UF_Tr30_D6_APP	142.48	422.02	424.77		425.20	0.004567	2.92	0.34	0.28	49.41	29.68	0.67
Intermedio	82	Max WS	UF_Tr30_D1_APP	63.79	422.02	424.01		424.23	0.003836	2.09			30.49	22.94	0.58
Intermedio	81	Max WS	UF_Tr30_D3_APP	134.61	422.32	424.65	424.11	424.96	0.003691	2.45	0.44	0.30	56.73	41.33	0.60
Intermedio	81	Max WS	UF_Tr30_D6_APP	142.90	422.32	424.72	424.18	425.03	0.003631	2.50	0.50	0.37	59.58	41.33	0.60
Intermedio	81	Max WS	UF_Tr30_D1_APP	63.84	422.32	423.95	423.56	424.14	0.003932	1.94			32.96	28.63	0.58
Intermedio	80.750			Inl Struct											
Intermedio	80.500	Max WS	UF_Tr30_D3_APP	134.61	415.99	417.53	418.04	419.11	0.032720	5.57			24.16	20.90	1.66
Intermedio	80.500	Max WS	UF_Tr30_D6_APP	142.90	415.99	417.58	418.10	419.22	0.032519	5.66			25.23	21.18	1.66
Intermedio	80.500	Max WS	UF_Tr30_D1_APP	63.84	415.99	417.02	417.34	418.08	0.038066	4.56			13.99	18.62	1.68
Intermedio	80	Max WS	UF_Tr30_D3_APP	134.71	415.23	417.05	417.38	418.32	0.022079	4.99			26.99	20.34	1.38
Intermedio	80	Max WS	UF_Tr30_D6_APP	143.03	415.23	417.11	417.45	418.43	0.021983	5.09			28.11	20.46	1.39
Intermedio	80	Max WS	UF_Tr30_D1_APP	63.87	415.23	416.49	416.70	417.29	0.023306	3.96			16.15	18.25	1.34
Intermedio	79.879	Max WS	UF_Tr30_D3_APP	135.30	411.95	414.15	414.31	415.18	0.014190	4.50			30.08	18.91	1.14
Intermedio	79.879	Max WS	UF_Tr30_D6_APP	143.82	411.95	414.22	414.39	415.29	0.014160	4.59			31.36	19.08	1.14
Intermedio	79.879	Max WS	UF_Tr30_D1_APP	64.17	411.95	413.50	413.57	414.13	0.014285	3.51			18.30	17.15	1.08
Intermedio	79.707	Max WS	UF_Tr30_D3_APP	136.16	408.84	411.28	411.24	412.03	0.010067	3.83			35.58	21.91	0.96
Intermedio	79.707	Max WS	UF_Tr30_D6_APP	144.93	408.84	411.37	411.31	412.13	0.009786	3.85			37.60	22.41	0.95
Intermedio	79.707	Max WS	UF_Tr30_D1_APP	64.70	408.84	410.40	410.45	411.02	0.014081	3.51			18.45	16.84	1.07
Intermedio	79.673	Max WS	UF_Tr30_D3_APP	136.33	407.71	411.02	410.35	411.41	0.004142	2.76			49.44	25.66	0.63
Intermedio	79.673	Max WS	UF_Tr30_D6_APP	145.15	407.71	411.12	410.43	411.52	0.004106	2.80			51.91	26.19	0.63
Intermedio	79.673	Max WS	UF_Tr30_D1_APP	64.81	407.71	410.06	409.55	410.33	0.003992	2.29			28.29	18.87	0.60
Intermedio	79.66			Inl Struct											
Intermedio	79.655	Max WS	UF_Tr30_D3_APP	136.32	406.07	408.16		408.85	0.009513	3.67			37.15	23.02	0.92
Intermedio	79.655	Max WS	UF_Tr30_D6_APP	145.14	406.07	408.23		408.95	0.009455	3.74			38.77	23.14	0.92

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Intermedio	79.655	Max WS	UF_Tr30_D1_APP	64.81	406.07	407.51		407.93	0.010286	2.88			22.54	21.93	0.91
Intermedio	79.65			Lat Struct											
Intermedio	79.64			Lat Struct											
Intermedio	79.621	Max WS	UF_Tr30_D3_APP	136.49	405.43	407.72		408.42	0.008973	3.71			36.81	22.01	0.92
Intermedio	79.621	Max WS	UF_Tr30_D6_APP	145.37	405.43	407.80		408.52	0.008879	3.77			38.55	22.26	0.91
Intermedio	79.621	Max WS	UF_Tr30_D1_APP	64.92	405.43	406.98		407.44	0.009877	3.00			21.63	19.35	0.91
Intermedio	79.569	Max WS	UF_Tr30_D3_APP	136.75	404.31	407.11	407.10	408.05	0.010703	4.31			31.76	16.69	1.00
Intermedio	79.569	Max WS	UF_Tr30_D6_APP	145.71	404.31	407.19	407.20	408.18	0.010743	4.39			33.16	16.92	1.00
Intermedio	79.569	Max WS	UF_Tr30_D1_APP	65.08	404.31	406.33		406.90	0.010157	3.34			19.48	14.76	0.93
Intermedio	79.451	Max WS	UF_Tr30_D3_APP	137.33	403.27	405.56	405.56	406.45	0.010938	4.17			32.92	18.62	1.00
Intermedio	79.451	Max WS	UF_Tr30_D6_APP	146.49	403.27	405.65	405.66	406.56	0.010920	4.24			34.54	19.02	1.00
Intermedio	79.451	Max WS	UF_Tr30_D1_APP	65.46	403.27	404.81	404.79	405.37	0.011466	3.32			19.69	16.62	0.98
Intermedio	79.418	Max WS	UF_Tr30_D3_APP	137.51	402.71	405.16		405.89	0.008973	3.79			36.29	20.29	0.90
Intermedio	79.418	Max WS	UF_Tr30_D6_APP	146.71	402.71	405.25		406.00	0.008792	3.85			38.15	20.49	0.90
Intermedio	79.418	Max WS	UF_Tr30_D1_APP	65.57	402.71	404.34	404.30	404.85	0.011121	3.19			20.58	17.88	0.95
Intermedio	79.384	Max WS	UF_Tr30_D3_APP	137.69	402.12	404.84		405.47	0.006714	3.53			38.99	19.03	0.79
Intermedio	79.384	Max WS	UF_Tr30_D6_APP	146.93	402.12	404.93		405.59	0.006702	3.60			40.82	19.28	0.79
Intermedio	79.384	Max WS	UF_Tr30_D1_APP	65.68	402.12	403.95		404.36	0.007009	2.83			23.17	16.67	0.77
Intermedio	79.367	Max WS	UF_Tr30_D3_APP	137.79	401.90	404.73		405.22	0.005112	3.11			44.35	22.34	0.70
Intermedio	79.367	Max WS	UF_Tr30_D6_APP	147.05	401.90	404.82		405.33	0.005070	3.16			46.48	22.59	0.70
Intermedio	79.367	Max WS	UF_Tr30_D1_APP	65.73	401.90	403.85		404.16	0.004925	2.48			26.55	18.57	0.66
Intermedio	79.317	Max WS	UF_Tr30_D3_APP	138.06	401.34	404.42	403.74	404.83	0.004735	2.85		0.07	48.36	26.46	0.67
Intermedio	79.317	Max WS	UF_Tr30_D6_APP	147.38	401.34	404.52	403.82	404.94	0.004779	2.88	0.15	0.18	51.52	33.20	0.68
Intermedio	79.317	Max WS	UF_Tr30_D1_APP	65.89	401.34	403.50	402.98	403.77	0.003730	2.28			28.92	18.43	0.58
Intermedio	79.310			Inl Struct											
Intermedio	79.284	Max WS	UF_Tr30_D3_APP	138.06	398.35	401.17		401.78	0.006100	3.46			39.88	19.07	0.76
Intermedio	79.284	Max WS	UF_Tr30_D6_APP	147.38	398.35	401.28		401.91	0.006035	3.52			41.92	19.40	0.76
Intermedio	79.284	Max WS	UF_Tr30_D1_APP	65.89	398.35	400.19		400.62	0.007078	2.92			22.59	15.97	0.78
Intermedio	79.267	Max WS	UF_Tr30_D3_APP	138.16	397.81	401.11	400.36	401.52	0.003872	2.85			48.43	22.34	0.62
Intermedio	79.267	Max WS	UF_Tr30_D6_APP	147.49	397.81	401.22	400.45	401.64	0.003964	2.90			50.90	23.36	0.63
Intermedio	79.267	Max WS	UF_Tr30_D1_APP	65.95	397.81	400.09	399.55	400.37	0.003837	2.32			28.38	17.93	0.59
Intermedio	79.255			Inl Struct											
Intermedio	79.233	Max WS	UF_Tr30_D3_APP	138.16	396.73	399.22	399.38	400.21	0.014112	4.40			31.39	20.45	1.13
Intermedio	79.233	Max WS	UF_Tr30_D6_APP	147.49	396.73	399.30	399.46	400.32	0.014002	4.46			33.04	20.94	1.13
Intermedio	79.233	Max WS	UF_Tr30_D1_APP	65.95	396.73	398.49	398.58	399.17	0.015162	3.66			18.03	16.45	1.12
Intermedio	79.149	Max WS	UF_Tr30_D3_APP	138.61	395.25	397.98	397.99	398.99	0.010970	4.46			31.10	15.40	1.00
Intermedio	79.149	Max WS	UF_Tr30_D6_APP	148.05	395.25	398.07	398.09	399.13	0.011035	4.55			32.51	15.61	1.01
Intermedio	79.149	Max WS	UF_Tr30_D1_APP	66.25	395.25	397.14		397.76	0.010299	3.48			19.02	13.36	0.93
Intermedio	79.065	Max WS	UF_Tr30_D3_APP	139.08	394.40	397.06		397.72	0.007567	3.60			38.63	20.83	0.84
Intermedio	79.065	Max WS	UF_Tr30_D6_APP	148.60	394.40	397.16		397.84	0.007426	3.66			40.64	21.05	0.84
Intermedio	79.065	Max WS	UF_Tr30_D1_APP	66.57	394.40	396.21		396.67	0.008633	3.00			22.17	17.66	0.86
Intermedio	79.015	Max WS	UF_Tr30_D3_APP	139.36	394.07	396.79	396.00	397.15	0.003285	2.67			52.18	22.99	0.57
Intermedio	79.015	Max WS	UF_Tr30_D6_APP	148.94	394.07	396.89	396.08	397.27	0.003289	2.73			54.60	23.29	0.57
Intermedio	79.015	Max WS	UF_Tr30_D1_APP	66.77	394.07	395.84	395.30	396.07	0.003407	2.12			31.54	20.78	0.55
Intermedio	79.005			Inl Struct											
Intermedio	79	Max WS	UF_Tr30_D3_APP	139.36	392.73	395.15		395.69	0.006183	3.25			42.82	21.66	0.74
Intermedio	79	Max WS	UF_Tr30_D6_APP	148.94	392.73	395.24		395.80	0.006102	3.32			44.90	21.73	0.74
Intermedio	79	Max WS	UF_Tr30_D1_APP	66.76	392.73	394.34		394.69	0.006882	2.60			25.64	20.48	0.74
Intermedio	78.932	Max WS	UF_Tr30_D3_APP	139.45	392.59	395.00		395.68	0.008423	3.63			38.39	22.65	0.89
Intermedio	78.932	Max WS	UF_Tr30_D6_APP	149.05	392.59	395.10		395.79	0.008194	3.67			40.63	23.12	0.88
Intermedio	78.932	Max WS	UF_Tr30_D1_APP	66.84	392.59	394.16	394.14	394.68	0.011503	3.21			20.84	18.96	0.98
Intermedio	78.796	Max WS	UF_Tr30_D3_APP	139.64	391.78	394.74		395.20	0.004610	2.99			46.65	22.83	0.67
Intermedio	78.796	Max WS	UF_Tr30_D6_APP	149.28	391.78	394.85		395.32	0.004521	3.04			49.13	23.11	0.67
Intermedio	78.796	Max WS	UF_Tr30_D1_APP	66.99	391.78	393.81		394.13	0.005941	2.54			26.35	20.40	0.71
Intermedio	78.728	Max WS	UF_Tr30_D3_APP	139.74	391.70	394.70	393.93	395.08	0.003378	2.72			51.29	22.31	0.57
Intermedio	78.728	Max WS	UF_Tr30_D6_APP	149.39	391.70	394.81	394.01	395.21	0.003365	2.78			53.72	22.53	0.58
Intermedio	78.728	Max WS	UF_Tr30_D1_APP	67.08	391.70	393.74	393.24	393.98	0.003655	2.18			30.77	20.42	0.57
Intermedio	78.7			Inl Struct											
Intermedio	78.661	Max WS	UF_Tr30_D3_APP	139.73	387.93	390.12		390.84	0.008482	3.77			37.02	19.85	0.88
Intermedio	78.661	Max WS	UF_Tr30_D6_APP	149.39	387.93	390.20		390.96	0.008552	3.87			38.58	19.97	0.89
Intermedio	78.661	Max WS	UF_Tr30_D1_APP	67.08	387.93	389.45		389.85	0.007354	2.79			24.08	18.85	0.79
Intermedio	78.593	Max WS	UF_Tr30_D3_APP	139.82	387.77	389.92	389.93	390.74	0.011229	4.00			34.94	21.57	1.00
Intermedio	78.593	Max WS	UF_Tr30_D6_APP	149.50	387.77	390.00	390.01	390.85	0.011095	4.08			36.65	21.74	1.00
Intermedio	78.593	Max WS	UF_Tr30_D1_APP	67.17	387.77	389.25	389.25	389.78	0.012608	3.20			20.98	20.13	1.00
Intermedio	78.457	Max WS	UF_Tr30_D3_APP	140.01	387.01	389.49		390.22	0.009203	3.77			37.10	21.95	0.93
Intermedio	78.457	Max WS	UF_Tr30_D6_APP	149.73	387.01	389.58		390.33	0.009075	3.84			38.97	22.15	0.92
Intermedio	78.457	Max WS	UF_Tr30_D1_APP	67.34	387.01	388.77		389.25	0.010578	3.08			21.87	19.86	0.94
Intermedio	78.05	Max WS	UF_Tr30_D3_APP	140.59	385.49	388.58	388.19	389.18	0.005715	3.42			41.07	20.55	0.75
Intermedio	78.05	Max WS	UF_Tr30_D6_APP	150.40	385.49	388.68	388.28	389.30	0.005702	3.50			42.92	20.88	0.75
Intermedio	78.05	Max WS	UF_Tr30_D1_APP	67.89	385.49	387.73	387.41	388.10	0.005872	2.69			25.20	17.59	0.72
Intermedio	78.025			Bridge											
Intermedio	78	Max WS	UF_Tr30_D3_APP	140.59	384.97	387.54	387.70	388.63	0.013689	4.63			30.34	18.54	1.13
Intermedio	78	Max WS	UF_Tr30_D6_APP	150.40	384.97	387.62	387.79	388.76	0.013598	4.73			31.80	18.82	1.13
Intermedio	78	Max WS	UF_Tr30_D1_APP	67.89	384.97	386.84	386.91	387.53	0.014355	3.67			18.48	15.94	1.09
Intermedio	77.95			Lat Struct											
Intermedio	77.93			Lat Struct											

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Intermedio	77	Max WS	UF_Tr30_D3_APP	141.85	381.49	384.28	384.27	385.26	0.010789	4.39			32.28	16.37	1.00
Intermedio	77	Max WS	UF_Tr30_D6_APP	151.79	381.49	384.37	384.37	385.40	0.010801	4.49			33.80	16.55	1.00
Intermedio	77	Max WS	UF_Tr30_D1_APP	69.22	381.49	383.49	383.44	384.10	0.010601	3.46			20.03	14.85	0.95
Intermedio	76.583	Max WS	UF_Tr30_D3_APP	142.34	380.67	383.22	383.31	384.18	0.012806	4.34			32.78	19.94	1.08
Intermedio	76.583	Max WS	UF_Tr30_D6_APP	152.33	380.67	383.31	383.40	384.30	0.012472	4.40			34.64	20.24	1.07
Intermedio	76.583	Max WS	UF_Tr30_D1_APP	69.81	380.67	382.47	382.46	383.10	0.011682	3.53			19.80	15.50	1.00
Intermedio	76	Max WS	UF_Tr30_D3_APP	143.03	379.42	382.20	381.55	382.55	0.003878	2.63			54.29	28.91	0.61
Intermedio	76	Max WS	UF_Tr30_D6_APP	153.08	379.42	382.29	381.64	382.66	0.003866	2.68			57.13	29.56	0.62
Intermedio	76	Max WS	UF_Tr30_D1_APP	70.66	379.42	381.35	380.90	381.60	0.004040	2.18			32.38	23.89	0.60
Intermedio	75.75			Inl Struct											
Intermedio	75.667	Max WS	UF_Tr30_D3_APP	143.04	377.82	380.33		380.70	0.003600	2.71			52.88	24.54	0.59
Intermedio	75.667	Max WS	UF_Tr30_D6_APP	153.08	377.82	380.43		380.82	0.003593	2.77			55.35	24.73	0.59
Intermedio	75.667	Max WS	UF_Tr30_D1_APP	70.66	377.82	379.50		379.73	0.003683	2.13			33.16	23.06	0.57
Intermedio	75.333	Max WS	UF_Tr30_D3_APP	143.08	377.69	380.34	379.56	380.66	0.002999	2.53			56.63	25.61	0.54
Intermedio	75.333	Max WS	UF_Tr30_D6_APP	153.13	377.69	380.44	379.64	380.78	0.002992	2.59			59.23	25.74	0.54
Intermedio	75.333	Max WS	UF_Tr30_D1_APP	70.72	377.69	379.49	378.98	379.70	0.003133	1.99			35.53	24.51	0.53
Intermedio	75.25			Inl Struct											
Intermedio	75	Max WS	UF_Tr30_D3_APP	143.08	376.52	378.33		378.93	0.008421	3.44			41.64	24.23	0.84
Intermedio	75	Max WS	UF_Tr30_D6_APP	153.13	376.52	378.39		379.03	0.008591	3.55			43.19	24.23	0.85
Intermedio	75	Max WS	UF_Tr30_D1_APP	70.72	376.52	377.78		378.09	0.007060	2.50			28.30	24.20	0.74
Intermedio	74	Max WS	UF_Tr30_D3_APP	143.16	376.45	378.20		378.76	0.007809	3.30			43.38	26.71	0.83
Intermedio	74	Max WS	UF_Tr30_D6_APP	153.21	376.45	378.26		378.85	0.007981	3.41			44.99	26.79	0.84
Intermedio	74	Max WS	UF_Tr30_D1_APP	70.83	376.45	377.68		377.97	0.006362	2.39			29.66	26.00	0.71
Intermedio	73	Max WS	UF_Tr30_D3_APP	143.26	375.59	377.78	377.95	378.81	0.014833	4.51			31.78	20.60	1.16
Intermedio	73	Max WS	UF_Tr30_D6_APP	153.32	375.59	377.85	378.03	378.93	0.014794	4.60			33.30	20.82	1.16
Intermedio	73	Max WS	UF_Tr30_D1_APP	70.97	375.59	377.16	377.24	377.82	0.015155	3.60			19.69	18.35	1.11
Intermedio	72	Max WS	UF_Tr30_D3_APP	143.35	375.31	377.54	377.64	378.48	0.013302	4.29			33.44	21.44	1.10
Intermedio	72	Max WS	UF_Tr30_D6_APP	153.42	375.31	377.62	377.73	378.59	0.013197	4.38			35.05	21.60	1.10
Intermedio	72	Max WS	UF_Tr30_D1_APP	71.09	375.31	376.92	376.96	377.52	0.013620	3.44			20.65	19.01	1.05
Intermedio	71.841	Max WS	UF_Tr30_D3_APP	144.06	373.42	375.88	375.82	376.64	0.009524	3.86			37.27	21.86	0.95
Intermedio	71.841	Max WS	UF_Tr30_D6_APP	154.19	373.42	375.97	375.90	376.76	0.009481	3.94			39.10	22.14	0.95
Intermedio	71.841	Max WS	UF_Tr30_D1_APP	72.10	373.42	375.16		375.68	0.010115	3.20			22.50	18.45	0.93
Intermedio	71.659	Max WS	UF_Tr30_D3_APP	144.87	371.82	374.71		375.17	0.004571	3.00			48.24	23.69	0.67
Intermedio	71.659	Max WS	UF_Tr30_D6_APP	155.06	371.82	374.80		375.29	0.004599	3.07			50.44	23.98	0.68
Intermedio	71.659	Max WS	UF_Tr30_D1_APP	73.36	371.82	373.83		374.17	0.005460	2.56			28.68	20.81	0.70
Intermedio	71.5	Max WS	UF_Tr30_D3_APP	144.03	370.48	374.37	373.22	374.64	0.002253	2.30	0.09	0.35	63.28	28.73	0.48
Intermedio	71.5	Max WS	UF_Tr30_D6_APP	152.94	370.48	374.46	373.30	374.74	0.002232	2.35	0.15	0.40	65.97	29.09	0.48
Intermedio	71.5	Max WS	UF_Tr30_D1_APP	74.42	370.48	373.40	372.48	373.59	0.002246	1.91			38.92	21.43	0.45
Intermedio	71.4			Inl Struct											
Intermedio	71.3	Max WS	UF_Tr30_D3_APP	144.03	368.66	374.26		374.31	0.000183	0.98	0.07	0.20	150.42	38.05	0.14
Intermedio	71.3	Max WS	UF_Tr30_D6_APP	152.94	368.66	374.34		374.40	0.000194	1.02	0.09	0.21	153.79	38.05	0.15
Intermedio	71.3	Max WS	UF_Tr30_D1_APP	74.42	368.66	373.31		373.33	0.000097	0.63		0.03	117.57	33.46	0.10
Intermedio	71.2	Max WS	UF_Tr30_D3_APP	144.10	368.64	374.26	370.32	374.30	0.000156	0.95	0.17	0.21	158.29	36.54	0.14
Intermedio	71.2	Max WS	UF_Tr30_D6_APP	153.01	368.64	374.35	370.39	374.40	0.000166	0.99	0.19	0.23	161.54	36.54	0.14
Intermedio	71.2	Max WS	UF_Tr30_D1_APP	74.53	368.64	373.31	369.80	373.33	0.000084	0.61	0.04	0.08	123.86	36.54	0.10
Intermedio	71.1			Inl Struct											
Intermedio	71	Max WS	UF_Tr30_D3_APP	144.10	366.28	368.96		369.53	0.007043	3.36			42.86	23.66	0.80
Intermedio	71	Max WS	UF_Tr30_D6_APP	153.01	366.28	369.03		369.63	0.006994	3.43			44.64	23.72	0.80
Intermedio	71	Max WS	UF_Tr30_D1_APP	74.52	366.28	368.31		368.68	0.007536	2.70			27.65	23.14	0.79
Intermedio	70.99			Lat Struct											
Intermedio	70.97			Lat Struct											
Intermedio	70.680	Max WS	UF_Tr30_D3_APP	145.05	364.72	367.57	367.57	368.48	0.010480	4.21			34.44	18.78	0.99
Intermedio	70.680	Max WS	UF_Tr30_D6_APP	154.35	364.72	367.66	367.65	368.59	0.010387	4.28			36.08	19.05	0.99
Intermedio	70.680	Max WS	UF_Tr30_D1_APP	75.88	364.72	366.83	366.80	367.47	0.010859	3.53			21.52	15.91	0.97
Intermedio	70.360	Max WS	UF_Tr30_D3_APP	146.89	362.98	365.80	365.95	366.90	0.013331	4.65			31.62	17.77	1.11
Intermedio	70.360	Max WS	UF_Tr30_D6_APP	156.72	362.98	365.89	366.05	367.02	0.013142	4.71			33.30	18.14	1.11
Intermedio	70.360	Max WS	UF_Tr30_D1_APP	77.21	362.98	365.04	365.15	365.85	0.014286	3.99			19.33	14.48	1.10
Intermedio	70	Max WS	UF_Tr30_D3_APP	147.90	360.16	363.72	363.22	364.39	0.005525	3.63			40.73	17.76	0.72
Intermedio	70	Max WS	UF_Tr30_D6_APP	157.68	360.16	363.83	363.30	364.53	0.005462	3.71			42.47	17.97	0.72
Intermedio	70	Max WS	UF_Tr30_D1_APP	74.96	360.16	363.08	362.45	363.39	0.003641	2.44			30.70	16.75	0.56
Intermedio	69.75			Bridge											
Intermedio	69.5	Max WS	UF_Tr30_D3_APP	147.90	360.16	363.21	363.22	364.25	0.011423	4.52			32.76	16.87	1.00
Intermedio	69.5	Max WS	UF_Tr30_D6_APP	157.68	360.16	363.29	363.32	364.39	0.011479	4.64			33.99	16.98	1.01
Intermedio	69.5	Max WS	UF_Tr30_D1_APP	83.66	360.16	362.60	362.57	363.27	0.011956	3.64			22.96	16.31	0.97
Intermedio	69.392	Max WS	UF_Tr30_D3_APP	148.82	358.46	360.92	360.99	361.85	0.011853	4.27			34.86	20.69	1.05
Intermedio	69.392	Max WS	UF_Tr30_D6_APP	158.56	358.46	361.00	361.07	361.96	0.011789	4.35			36.47	20.95	1.05
Intermedio	69.392	Max WS	UF_Tr30_D1_APP	80.89	358.46	360.31	360.33	360.95	0.012246	3.54			22.86	18.66	1.02
Intermedio	69.297	Max WS	UF_Tr30_D3_APP	149.65	356.65	359.29	359.31	360.19	0.010810	4.22			35.50	20.00	1.01
Intermedio	69.297	Max WS	UF_Tr30_D6_APP	159.33	356.65	359.39	359.39	360.31	0.010501	4.24			37.54	20.46	1.00
Intermedio	69.297	Max WS	UF_Tr30_D1_APP	82.22	356.65	358.54	358.59	359.27	0.013084	3.78			21.73	16.77	1.06
Intermedio	69.216	Max WS	UF_Tr30_D3_APP	150.36	354.62	358.04	358.02	359.19	0.011228	4.76			31.57	13.44	0.99
Intermedio	69.216	Max WS	UF_Tr30_D6_APP	159.99	354.62	358.15	358.17	359.34	0.011451	4.82			33.17	14.14	1.01
Intermedio	69.216	Max WS	UF_Tr30_D1_APP	83.61	354.62	357.16		357.97	0.010287	3.98			21.00	11.10	0.92
Intermedio	69.122	Max WS	UF_Tr30_D3_APP	151.20	353.37	356.40	356.46	357.47	0.011804	4.59			32.97	16.57	1.04
Intermedio	69.122	Max WS	UF_Tr30_D6_APP	160.75	353.37	356.50	356.58	357.60	0.011890	4.65			34.56	17.13	1.05
Intermedio	69.122	Max WS	UF_Tr30_D1_APP	85.36	353.37	355.64	355.58	356.42	0.010741	3.90			21.86	12.98	0.96
Intermedio	69	Max WS	UF_Tr30_D3_APP	152.29	351.38	354.19	354.24	355.20	0.011387	4.46			34.18	18.09	1.04
Intermedio	69	Max WS	UF_Tr30_D6_APP	161.73	351.38	354.27	354.33	355.32	0.011432	4.53			35.67	18.44	1.04

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Intermedio	69	Max WS	UF_Tr30_D1_APP	87.67	351.38	353.54	353.52	354.26	0.010864	3.75			23.36	15.57	0.98
Intermedio	68.8			Lat Struct											
Intermedio	68.7			Lat Struct											
Intermedio	68	Max WS	UF_Tr30_D3_APP	152.96	350.07	352.95		353.73	0.007743	3.91			39.14	18.54	0.86
Intermedio	68	Max WS	UF_Tr30_D6_APP	162.33	350.07	353.03		353.84	0.007875	4.00			40.61	18.80	0.87
Intermedio	68	Max WS	UF_Tr30_D1_APP	89.08	350.07	352.33		352.83	0.006502	3.15			28.32	16.45	0.77
Intermedio	67	Max WS	UF_Tr30_D3_APP	153.58	349.54	351.86	352.11	353.06	0.015762	4.85			31.69	19.05	1.20
Intermedio	67	Max WS	UF_Tr30_D6_APP	162.88	349.54	351.93	352.19	353.17	0.015819	4.94			32.97	19.29	1.21
Intermedio	67	Max WS	UF_Tr30_D1_APP	90.38	349.54	351.35	351.48	352.18	0.015297	4.05			22.32	17.39	1.14
Intermedio	66	Max WS	UF_Tr30_D3_APP	154.16	347.93	350.54	350.61	351.41	0.012239	4.14			37.26	24.17	1.06
Intermedio	66	Max WS	UF_Tr30_D6_APP	163.39	347.93	350.61	350.69	351.51	0.012164	4.20			38.89	24.53	1.07
Intermedio	66	Max WS	UF_Tr30_D1_APP	91.59	347.93	350.00	350.08	350.69	0.013864	3.66			24.99	21.49	1.09
Intermedio	65	Max WS	UF_Tr30_D3_APP	154.28	347.33	350.36		350.92	0.006865	3.32			46.52	26.79	0.80
Intermedio	65	Max WS	UF_Tr30_D6_APP	163.50	347.33	350.42		351.01	0.006895	3.38			48.32	27.08	0.81
Intermedio	65	Max WS	UF_Tr30_D1_APP	91.85	347.33	349.81		350.20	0.006459	2.79			32.92	23.59	0.75
Intermedio	64	Max WS	UF_Tr30_D3_APP	154.48	347.51	350.05	350.13	350.92	0.012767	4.12			37.51	25.06	1.07
Intermedio	64	Max WS	UF_Tr30_D6_APP	163.68	347.51	350.12	350.20	351.01	0.012567	4.17			39.21	25.34	1.07
Intermedio	64	Max WS	UF_Tr30_D1_APP	92.26	347.51	349.50	349.54	350.18	0.012731	3.66			25.22	20.13	1.04
Intermedio	63	Max WS	UF_Tr30_D3_APP	154.86	346.50	349.26	349.41	350.19	0.014232	4.26			36.36	24.47	1.12
Intermedio	63	Max WS	UF_Tr30_D6_APP	164.01	346.50	349.34	349.48	350.28	0.014335	4.29			38.25	25.66	1.12
Intermedio	63	Max WS	UF_Tr30_D1_APP	93.03	346.50	348.74	348.78	349.44	0.013232	3.70			25.18	19.78	1.05
Intermedio	62	Max WS	UF_Tr30_D3_APP	155.47	345.37	348.00	348.13	348.96	0.013335	4.34			35.85	22.66	1.10
Intermedio	62	Max WS	UF_Tr30_D6_APP	164.54	345.37	348.06	348.20	349.06	0.013511	4.43			37.13	22.95	1.11
Intermedio	62	Max WS	UF_Tr30_D1_APP	94.29	345.37	347.57	347.58	348.22	0.011973	3.56			26.46	20.82	1.01
Intermedio	61	Max WS	UF_Tr30_D3_APP	155.65	345.52	347.51	347.85	348.77	0.020715	4.97			31.33	22.87	1.36
Intermedio	61	Max WS	UF_Tr30_D6_APP	164.70	345.52	347.57	347.91	348.87	0.020692	5.06			32.57	23.11	1.36
Intermedio	61	Max WS	UF_Tr30_D1_APP	94.67	345.52	347.11	347.33	348.02	0.020428	4.21			22.48	20.95	1.30
Intermedio	60	Max WS	UF_Tr30_D3_APP	155.83	344.82	346.92	347.16	347.98	0.017780	4.58			34.05	25.10	1.25
Intermedio	60	Max WS	UF_Tr30_D6_APP	164.86	344.82	346.97	347.23	348.07	0.017621	4.64			35.53	25.47	1.25
Intermedio	60	Max WS	UF_Tr30_D1_APP	95.05	344.82	346.49	346.66	347.29	0.018315	3.97			23.96	22.46	1.23
Intermedio	59	Max WS	UF_Tr30_D3_APP	155.97	344.18	346.58	346.71	347.49	0.014328	4.22			36.93	25.50	1.12
Intermedio	59	Max WS	UF_Tr30_D6_APP	164.98	344.18	346.65	346.77	347.58	0.013998	4.28			38.58	25.67	1.11
Intermedio	59	Max WS	UF_Tr30_D1_APP	95.32	344.18	346.11	346.24	346.84	0.017784	3.79			25.18	24.38	1.19
Intermedio	58	Max WS	UF_Tr30_D3_APP	156.17	343.60	346.24		346.90	0.008061	3.61			43.24	24.65	0.87
Intermedio	58	Max WS	UF_Tr30_D6_APP	165.15	343.60	346.31		347.00	0.008026	3.67			44.98	24.92	0.87
Intermedio	58	Max WS	UF_Tr30_D1_APP	95.72	343.60	345.70		346.20	0.008514	3.13			30.54	22.62	0.86
Intermedio	57	Max WS	UF_Tr30_D3_APP	156.46	342.93	345.84	345.77	346.65	0.009666	3.99			39.18	21.53	0.95
Intermedio	57	Max WS	UF_Tr30_D6_APP	165.40	342.93	345.91	345.83	346.75	0.009617	4.06			40.77	21.76	0.95
Intermedio	57	Max WS	UF_Tr30_D1_APP	96.30	342.93	345.27	345.23	345.90	0.010675	3.52			27.39	19.85	0.96
Intermedio	56	Max WS	UF_Tr30_D3_APP	156.67	342.78	345.49	345.50	346.42	0.010670	4.26			36.77	19.99	1.00
Intermedio	56	Max WS	UF_Tr30_D6_APP	165.58	342.78	345.57	345.59	346.52	0.010733	4.33			38.27	20.43	1.01
Intermedio	56	Max WS	UF_Tr30_D1_APP	96.73	342.78	344.89	344.88	345.62	0.011081	3.77			25.65	17.34	0.99
Intermedio	55.545	Max WS	UF_Tr30_D3_APP	157.30	341.53	344.40	344.44	345.38	0.011302	4.40	0.28	0.09	35.77	19.71	1.03
Intermedio	55.545	Max WS	UF_Tr30_D6_APP	166.13	341.53	344.47	344.52	345.49	0.011101	4.47	0.37	0.24	37.20	20.20	1.03
Intermedio	55.545	Max WS	UF_Tr30_D1_APP	98.00	341.53	343.78	343.81	344.58	0.011598	3.95			24.84	16.09	1.01
Intermedio	55	Max WS	UF_Tr30_D3_APP	158.07	340.13	343.14		344.01	0.008877	4.11			38.43	18.85	0.92
Intermedio	55	Max WS	UF_Tr30_D6_APP	166.78	340.13	343.22		344.11	0.008954	4.19			39.85	19.16	0.93
Intermedio	55	Max WS	UF_Tr30_D1_APP	99.52	340.13	342.53		343.19	0.008495	3.59			27.74	16.23	0.88
Intermedio	54.9			Lat Struct											
Intermedio	54.87			Lat Struct											
Intermedio	54.6	Max WS	UF_Tr30_D3_APP	158.79	339.06	341.95	342.19	343.10	0.014154	4.74		0.12	33.47	19.18	1.14
Intermedio	54.6	Max WS	UF_Tr30_D6_APP	167.40	339.06	342.01	342.28	343.20	0.014178	4.83		0.33	34.68	20.29	1.15
Intermedio	54.6	Max WS	UF_Tr30_D1_APP	100.96	339.06	341.42	341.50	342.30	0.012738	4.16			24.26	15.36	1.06
Intermedio	54	Max WS	UF_Tr30_D3_APP	159.76	337.36	339.96	340.04	340.85	0.009363	4.19			38.15	24.76	1.08
Intermedio	54	Max WS	UF_Tr30_D6_APP	168.23	337.36	340.01	340.10	340.93	0.009394	4.26			39.46	24.98	1.08
Intermedio	54	Max WS	UF_Tr30_D1_APP	102.88	337.36	339.56	339.58	340.21	0.008883	3.57			28.80	22.95	1.02
Intermedio	53.917	Max WS	UF_Tr30_D3_APP	159.88	337.13	339.77	339.89	340.71	0.010203	4.31			37.09	24.37	1.12
Intermedio	53.917	Max WS	UF_Tr30_D6_APP	168.34	337.13	339.82	339.95	340.80	0.010194	4.39			38.37	24.52	1.12
Intermedio	53.917	Max WS	UF_Tr30_D1_APP	103.12	337.13	339.38	339.44	340.08	0.010310	3.71			27.83	23.32	1.08
Intermedio	53	Max WS	UF_Tr30_D3_APP	161.25	335.25	337.67	337.75	338.59	0.009019	4.25			37.96	23.59	1.07
Intermedio	53	Max WS	UF_Tr30_D6_APP	169.50	335.25	337.72	337.81	338.67	0.009033	4.32			39.27	23.84	1.07
Intermedio	53	Max WS	UF_Tr30_D1_APP	105.81	335.25	337.22	337.28	337.95	0.009356	3.78			27.96	21.35	1.06
Intermedio	52	Max WS	UF_Tr30_D3_APP	162.33	333.40	336.23	336.24	337.05	0.007716	4.01		0.47	40.72	27.38	0.98
Intermedio	52	Max WS	UF_Tr30_D6_APP	168.98	333.40	336.29	336.30	337.12	0.007668	4.04		0.65	42.22	27.79	0.98
Intermedio	52	Max WS	UF_Tr30_D1_APP	107.86	333.40	335.78		336.41	0.006581	3.50			30.82	19.68	0.89
Intermedio	51.944	Max WS	UF_Tr30_D3_APP	162.35	333.34	336.09	336.04	336.84	0.007004	3.83	0.41	0.63	42.92	31.46	0.94
Intermedio	51.944	Max WS	UF_Tr30_D6_APP	168.06	333.34	336.15	336.09	336.89	0.006688	3.83	0.54	0.74	44.77	32.54	0.92
Intermedio	51.944	Max WS	UF_Tr30_D1_APP	108.08	333.34	335.68		336.22	0.004940	3.27			33.07	18.90	0.79
Intermedio	51.611	Max WS	UF_Tr30_D3_APP	152.83	332.50	335.64		335.96	0.002193	2.55	1.01	0.84	62.49	32.04	0.56
Intermedio	51.611	Max WS	UF_Tr30_D6_APP	158.86	332.50	335.75		336.07	0.001978	2.51	1.03	0.84	66.21	32.04	0.53
Intermedio	51.611	Max WS	UF_Tr30_D1_APP	108.53	332.50	335.25		335.50	0.002198	2.24	0.71	0.65	50.06	32.04	0.54
Intermedio	51.5	Max WS	UF_Tr30_D3_APP	151.63	332.62	335.60	334.81	335.86	0.002730	2.27			66.68	43.03	0.58
Intermedio	51.5	Max WS	UF_Tr30_D6_APP	163.45	332.62	335.69	335.14	335.96	0.002723	2.31			70.76	44.52	0.59
Intermedio	51.5	Max WS	UF_Tr30_D1_APP	109.82	332.62	335.13	334.45	335.40	0.004038	2.31			47.55	40.40	0.68
Intermedio	51.25			Bridge											
Intermedio	51	Max WS	UF_Tr30_D3_APP	151.63	331.54	333.64		334.21	0.007040	3.37			44.97	32.01	0.91
Intermedio	51	Max WS	UF_Tr30_D6_APP	163.45	331.54	333.71		334.32	0.006952	3.45			47.31	32.09	0.91
Intermedio	51	Max WS	UF_Tr30_D1_APP	109.82	331.54	333.36		333.83	0.007499	3.04			36.09	31.73	0.91

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Intermedio	50	Max WS	UF_Tr30_D3_APP	152.47	330.28	332.45	332.63	333.25	0.011831	3.95			38.62	33.12	1.17
Intermedio	50	Max WS	UF_Tr30_D6_APP	163.71	330.28	332.52	332.70	333.34	0.011740	4.00		0.07	40.91	34.35	1.17
Intermedio	50	Max WS	UF_Tr30_D1_APP	111.52	330.28	332.18	332.32	332.89	0.013056	3.74			29.81	29.84	1.19
Intermedio	49	Max WS	UF_Tr30_D3_APP	152.93	328.54	331.64		332.01	0.004816	2.72			56.31	42.10	0.75
Intermedio	49	Max WS	UF_Tr30_D6_APP	163.99	328.54	331.73		332.11	0.004656	2.71			60.46	44.21	0.74
Intermedio	49	Max WS	UF_Tr30_D1_APP	112.41	328.54	331.32		331.65	0.004625	2.54			44.18	35.21	0.73
Valle	48.882	Max WS	UF_Tr30_D3_APP	152.85	328.48	331.37		331.89	0.006966	3.17			48.23	37.65	0.89
Valle	48.882	Max WS	UF_Tr30_D6_APP	164.40	328.48	331.45		331.98	0.007045	3.22			51.04	39.26	0.90
Valle	48.882	Max WS	UF_Tr30_D1_APP	113.51	328.48	331.07		331.53	0.006774	3.01			37.65	30.87	0.87
Valle	48.8			Lat Struct											
Valle	48.78			Lat Struct											
Valle	47.775	Max WS	UF_Tr30_D3_APP	152.59	327.77	330.25	330.15	330.71	0.003733	3.09	0.64	1.00	59.21	70.79	0.71
Valle	47.775	Max WS	UF_Tr30_D6_APP	162.82	327.77	330.33	330.24	330.78	0.003528	3.08	0.73	1.08	65.09	73.78	0.70
Valle	47.775	Max WS	UF_Tr30_D1_APP	115.70	327.77	329.86	329.66	330.37	0.005340	3.16	0.12	0.28	37.18	38.52	0.82
Valle	47.111	Max WS	UF_Tr30_D3_APP	152.44	326.91	330.10		330.25	0.000896	1.92	0.73	0.84	109.40	78.58	0.37
Valle	47.111	Max WS	UF_Tr30_D6_APP	161.99	326.91	330.22		330.36	0.000810	1.88	0.76	0.86	119.07	78.58	0.35
Valle	47.111	Max WS	UF_Tr30_D1_APP	116.34	326.91	329.42		329.72	0.002168	2.47	0.37	0.65	56.41	76.21	0.55
Valle	47	Max WS	UF_Tr30_D3_APP	154.78	326.56	329.98	328.69	330.23	0.001328	2.20			70.37	27.16	0.44
Valle	47	Max WS	UF_Tr30_D6_APP	162.47	326.56	330.10	328.75	330.35	0.001286	2.21			73.65	27.58	0.43
Valle	47	Max WS	UF_Tr30_D1_APP	117.09	326.56	329.39	328.37	329.62	0.001548	2.13			54.88	25.08	0.46
Valle	46.5			Bridge											
Valle	46	Max WS	UF_Tr30_D3_APP	154.78	326.08	328.42		329.01	0.005435	3.42			45.29	26.68	0.84
Valle	46	Max WS	UF_Tr30_D6_APP	162.47	326.08	328.47		329.09	0.005477	3.48			46.70	26.93	0.84
Valle	46	Max WS	UF_Tr30_D1_APP	117.08	326.08	328.14		328.62	0.005169	3.08			38.06	25.38	0.80
Valle	45.99			Lat Struct											
Valle	45.571	Max WS	UF_Tr30_D3_APP	155.44	325.66	328.03	328.00	328.67	0.007819	3.56			43.68	32.10	0.97
Valle	45.571	Max WS	UF_Tr30_D6_APP	163.45	325.66	328.08	328.06	328.74	0.007829	3.60			45.42	32.87	0.98
Valle	45.571	Max WS	UF_Tr30_D1_APP	117.81	325.66	327.75	327.69	328.32	0.007625	3.33			35.36	28.10	0.95
Valle	45.000	Max WS	UF_Tr30_D3_APP	155.03	325.09	327.53		327.85	0.003470	2.66	1.18	0.88	69.31	66.83	0.67
Valle	45.000	Max WS	UF_Tr30_D6_APP	162.34	325.09	327.60		327.91	0.003183	2.62	1.21	0.93	73.98	67.03	0.65
Valle	45.000	Max WS	UF_Tr30_D1_APP	118.67	325.09	327.21	327.13	327.58	0.005032	2.77	0.95	0.48	48.24	60.45	0.78
Valle	44.571	Max WS	UF_Tr30_D3_APP	156.54	324.20	327.46		327.64	0.001203	2.09	1.13	0.78	95.44	62.42	0.42
Valle	44.571	Max WS	UF_Tr30_D6_APP	164.74	324.20	327.53		327.71	0.001166	2.10	1.15	0.80	100.29	63.46	0.42
Valle	44.571	Max WS	UF_Tr30_D1_APP	119.31	324.20	327.08		327.26	0.001424	2.03	0.99	0.68	72.91	57.24	0.45
Valle	44	Max WS	UF_Tr30_D3_APP	157.04	323.90	327.45		327.55	0.000577	1.54	0.86	0.56	126.12	73.33	0.30
Valle	44	Max WS	UF_Tr30_D6_APP	165.02	323.90	327.53		327.63	0.000565	1.55	0.88	0.58	131.94	74.03	0.30
Valle	44	Max WS	UF_Tr30_D1_APP	120.27	323.90	327.06		327.16	0.000644	1.47	0.77	0.42	98.58	68.82	0.31
Valle	43	Max WS	UF_Tr30_D3_APP	157.07	323.83	327.32	326.51	327.57	0.001896	2.22			70.62	34.19	0.49
Valle	43	Max WS	UF_Tr30_D6_APP	165.04	323.83	327.39	326.55	327.65	0.001873	2.26			73.17	34.31	0.49
Valle	43	Max WS	UF_Tr30_D1_APP	120.34	323.83	326.96	326.29	327.17	0.002039	2.06			58.29	33.60	0.50
Valle	42.5			Bridge											
Valle	42	Max WS	UF_Tr30_D3_APP	157.07	323.83	327.09		327.41	0.002751	2.50			62.74	33.79	0.59
Valle	42	Max WS	UF_Tr30_D6_APP	165.04	323.83	327.16		327.48	0.002706	2.54			65.08	33.91	0.58
Valle	42	Max WS	UF_Tr30_D1_APP	120.34	323.83	326.74		327.03	0.003076	2.35			51.24	33.34	0.60
Valle	41	Max WS	UF_Tr30_D3_APP	157.08	323.83	327.08	326.51	327.40	0.002786	2.51			62.49	33.77	0.59
Valle	41	Max WS	UF_Tr30_D6_APP	165.04	323.83	327.15	326.55	327.48	0.002739	2.55			64.83	33.89	0.59
Valle	41	Max WS	UF_Tr30_D1_APP	120.36	323.83	326.74	326.29	327.02	0.003131	2.36			50.97	33.33	0.61
Valle	40.5			Bridge											
Valle	40	Max WS	UF_Tr30_D3_APP	157.08	323.83	326.29	326.51	327.25	0.015851	4.32			36.32	32.79	1.31
Valle	40	Max WS	UF_Tr30_D6_APP	165.04	323.83	326.33	326.55	327.31	0.015618	4.39			37.63	32.84	1.31
Valle	40	Max WS	UF_Tr30_D1_APP	120.36	323.83	326.05	326.29	326.97	0.020807	4.26			28.24	32.17	1.45
Valle	39.9			Lat Struct											
Valle	31.643	Max WS	UF_Tr30_D3_APP	157.84	322.45	325.23		325.65	0.004164	2.88			54.81	33.70	0.72
Valle	31.643	Max WS	UF_Tr30_D6_APP	165.47	322.45	325.30		325.73	0.004071	2.89	0.11		57.27	39.14	0.72
Valle	31.643	Max WS	UF_Tr30_D1_APP	121.83	322.45	325.01		325.34	0.003658	2.56			47.61	31.78	0.67
Valle	30.250	Max WS	UF_Tr30_D3_APP	157.97	322.79	325.13		325.68	0.005901	3.29			48.05	32.52	0.86
Valle	30.250	Max WS	UF_Tr30_D6_APP	165.54	322.79	325.21		325.76	0.005715	3.28	0.12		50.59	39.14	0.85
Valle	30.250	Max WS	UF_Tr30_D1_APP	122.06	322.79	324.92		325.36	0.005167	2.94			41.51	30.05	0.80
Valle	28.857	Max WS	UF_Tr30_D3_APP	158.09	321.88	325.02		325.62	0.005964	3.46		0.87	46.45	31.55	0.86
Valle	28.857	Max WS	UF_Tr30_D6_APP	165.62	321.88	325.09		325.70	0.005912	3.45		0.93	49.05	33.86	0.85
Valle	28.857	Max WS	UF_Tr30_D1_APP	122.31	321.88	324.82		325.29	0.005225	3.04		0.66	40.59	28.71	0.79
Valle	23.286	Max WS	UF_Tr30_D3_APP	141.84	321.83	324.47	324.42	325.24	0.007104	3.88	0.31	0.35	37.01	31.45	0.95
Valle	23.286	Max WS	UF_Tr30_D6_APP	165.85	321.83	324.58	324.85	325.49	0.007858	4.23	0.59	0.41	41.15	46.02	1.01
Valle	23.286	Max WS	UF_Tr30_D1_APP	123.29	321.83	324.38		325.03	0.006269	3.56		0.11	34.60	21.41	0.89
Valle	12.143	Max WS	UF_Tr30_D3_APP	110.82	320.52	323.87		324.07	0.001172	2.05	0.37	0.64	63.40	62.29	0.41
Valle	12.143	Max WS	UF_Tr30_D6_APP	164.15	320.52	323.62		324.24	0.003900	3.50	0.57	0.83	48.59	27.13	0.73
Valle	12.143	Max WS	UF_Tr30_D1_APP	110.84	320.52	323.88		324.08	0.001147	2.04	0.38	0.64	64.20	62.43	0.41
Valle	7.964	Max WS	UF_Tr30_D3_APP	48.58	319.94	324.08		324.10	0.000078	0.66	0.18	0.31	83.27	32.25	0.11
Valle	7.964	Max WS	UF_Tr30_D6_APP	30.15	319.94	323.69		323.70	0.000046	0.47	0.12	0.21	71.30	30.28	0.08
Valle	7.964	Max WS	UF_Tr30_D1_APP	46.23	319.94	324.09		324.11	0.000070	0.62	0.17	0.30	83.80	32.32	0.11
Valle	5.1784	Max WS	UF_Tr30_D3_APP	69.49	319.57	323.49	320.68	323.51	0.000080	0.71	0.28	0.36	112.58	37.53	0.12
Valle	5.1784	Max WS	UF_Tr30_D6_APP	213.31	319.57	323.49	321.81	323.71	0.000753	2.18	0.85	1.12	112.58	37.53	0.36
Valle	5.1784	Max WS	UF_Tr30_D1_APP	63.89	319.57	323.49	320.62	323.51	0.000068	0.65	0.25	0.34	112.58	37.53	0.11

ALLEGATI

MODELLAZIONE HEC-RAS 6.3.1 "ARCHIANO APP"

RIMAGGIO

MODELLAZIONE PER TR=30 e 200 ANNI

DURATA DI PIOGGIA: 1, 3 e 6 h

Profilo longitudinale

Sezioni Trasversali

Dati idraulici

ALLEGATI

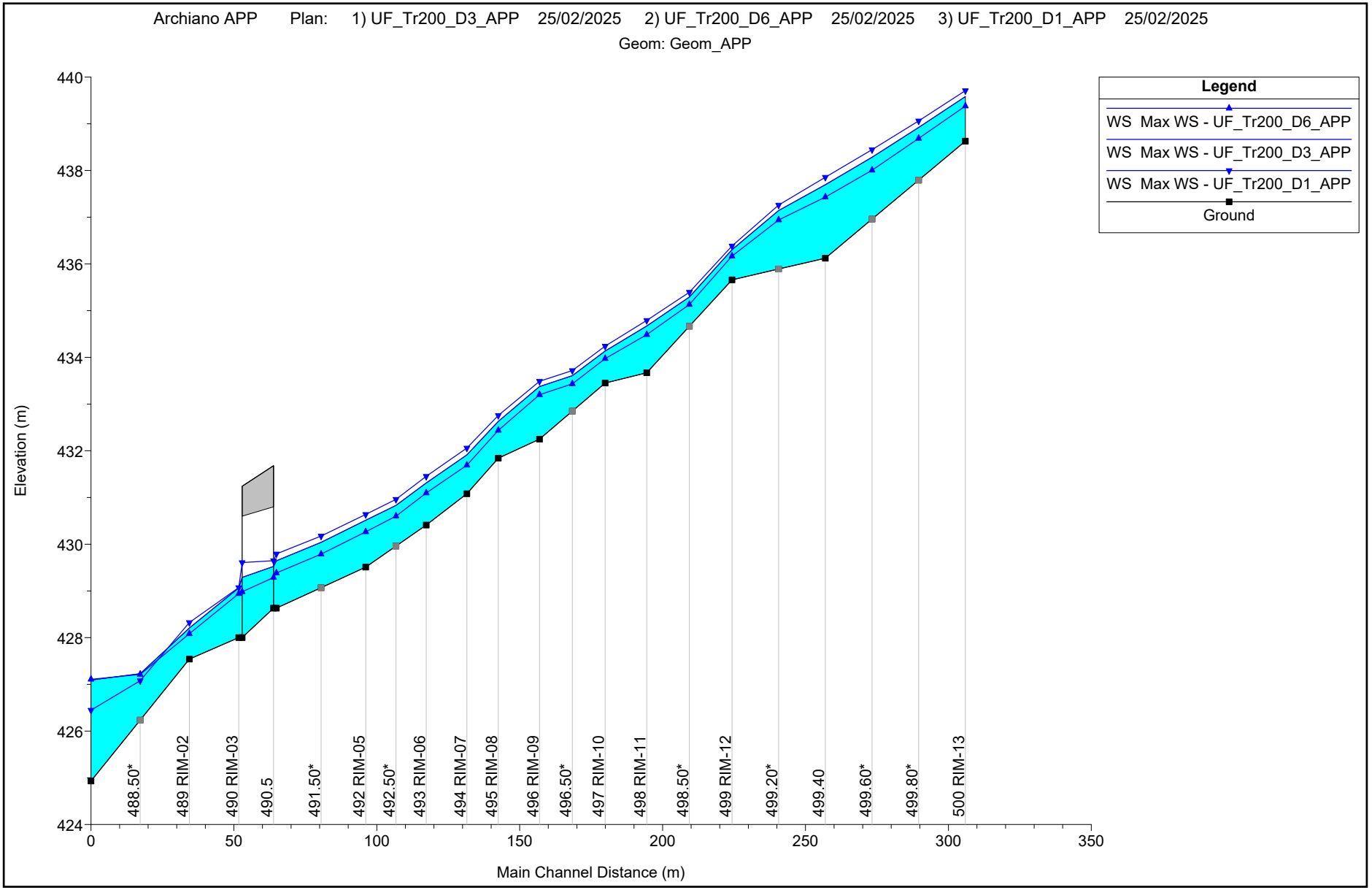
MODELLAZIONE HEC-RAS 6.3.1 "ARCHIANO APP"

RIMAGGIO

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 1, 3 e 6 h

Profilo longitudinale


Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Elevation (m)
Main Channel Distance (m)
440
438
436
434
432
430
428
426
424
0
50
100
150
200
250
300
350
488.50*
489 RIM-02
490 RIM-03
490.5
491.50*
492 RIM-05
492.50*
493 RIM-06
494 RIM-07
495 RIM-08
496 RIM-09
496.50*
497 RIM-10
498 RIM-11
498.50*
499 RIM-12
499.20*
499.40
499.60*
499.80*
500 RIM-13

ALLEGATI

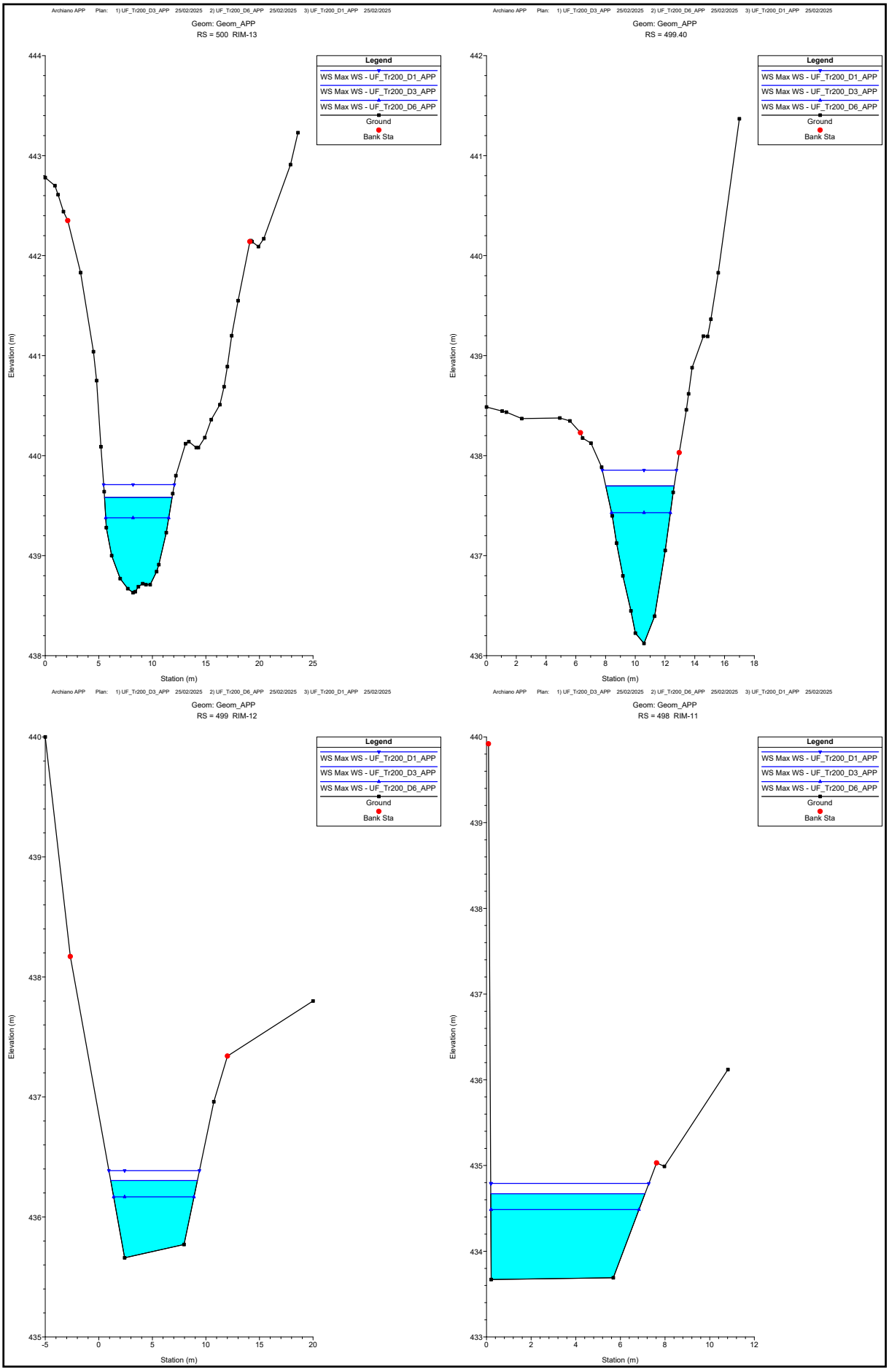
MODELLAZIONE HEC-RAS 6.3.1 "ARCHIANO APP"

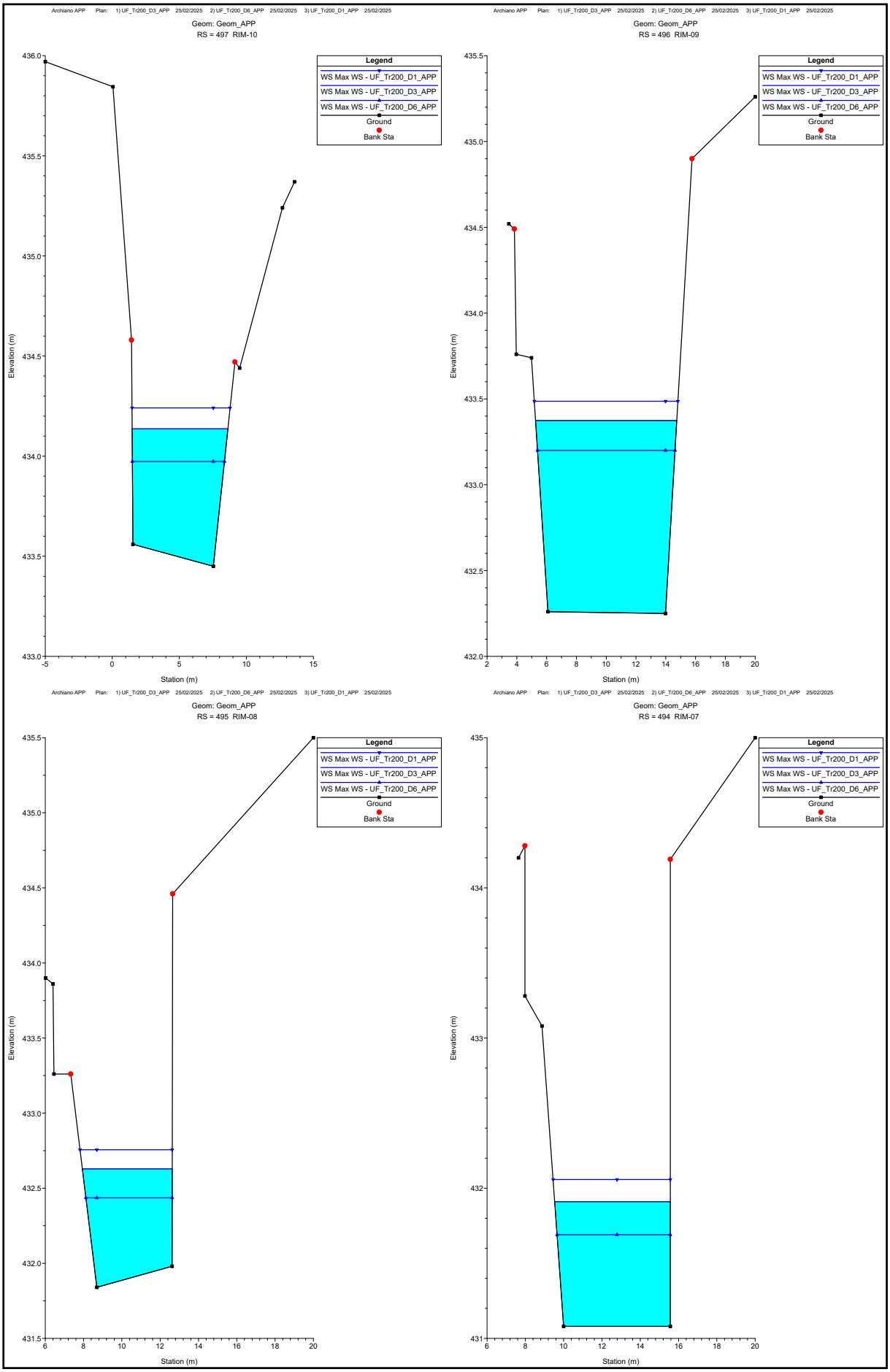
RIMAGGIO

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 1, 3 e 6 h

Sezioni Trasversali (da monte verso valle)


Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 500 RIM-13
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 499.40
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 499 RIM-12
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 498 RIM-11
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)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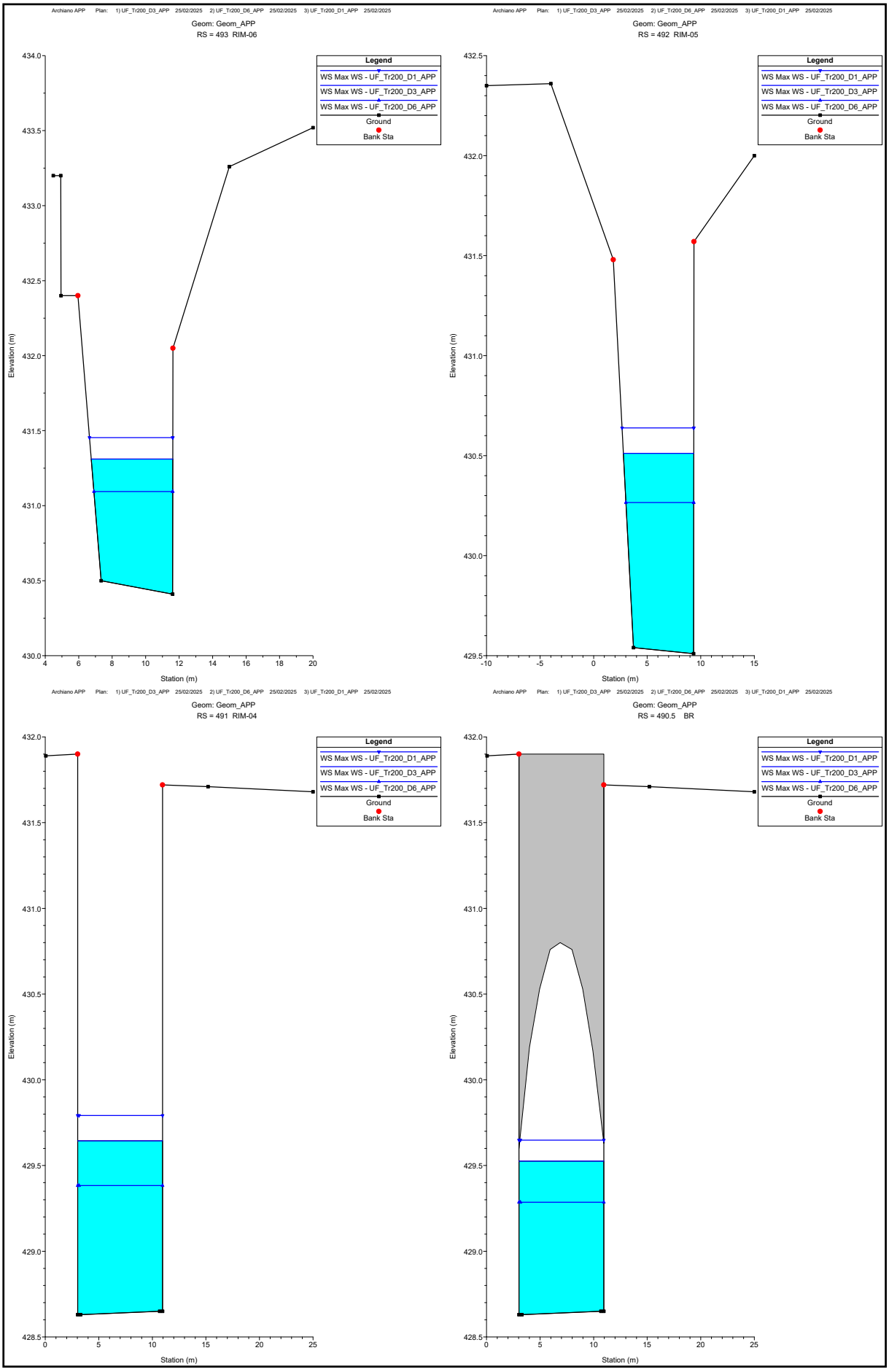
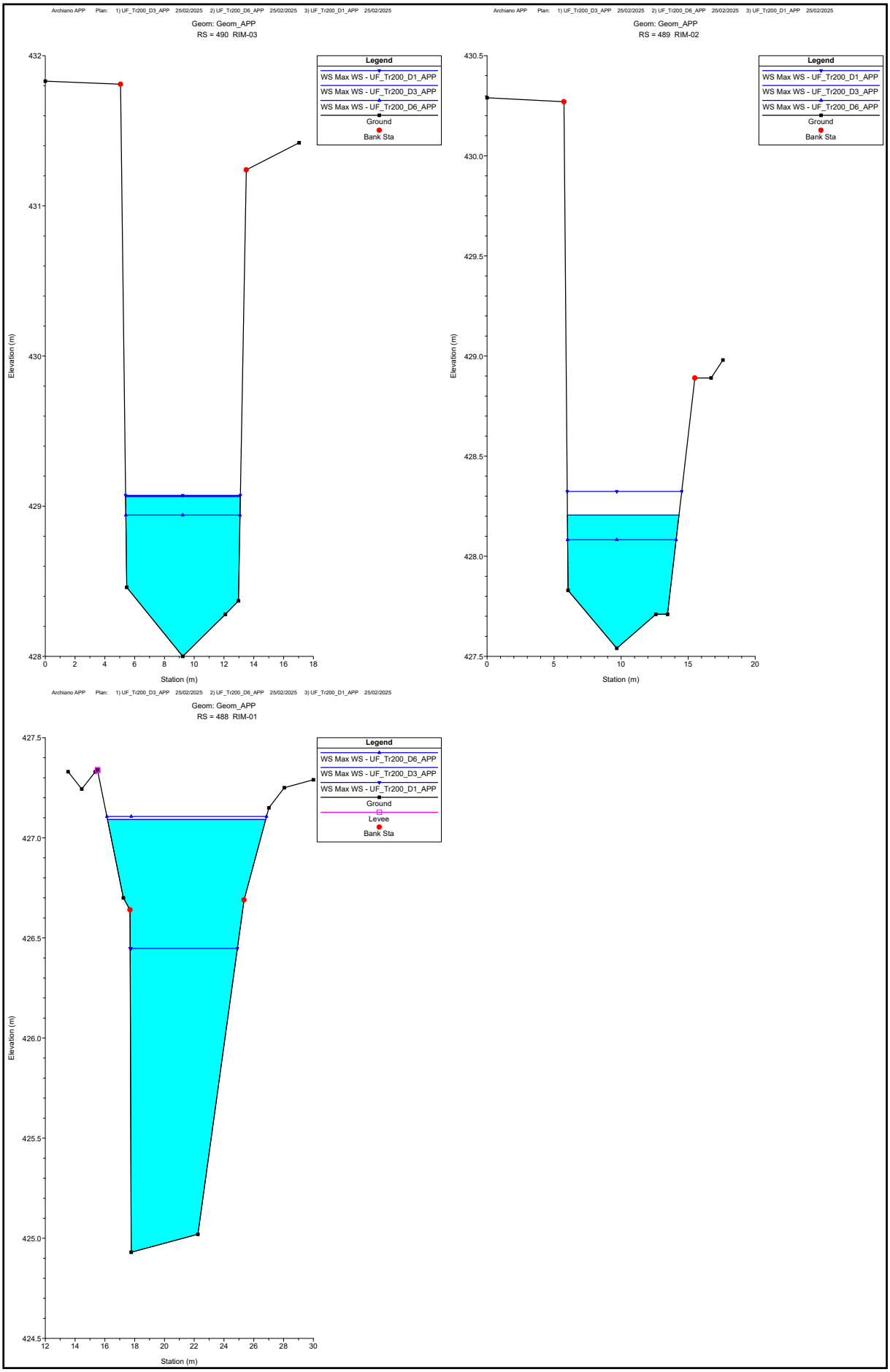
RS = 497 RIM-10
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 496 RIM-09
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 495 RIM-08
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 494 RIM-07
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)


Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 493 RIM-06
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 492 RIM-05
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 491 RIM-04
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 490.5 BR
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)


Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 490 RIM-03
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 489 RIM-02
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 488 RIM-01
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)

ALLEGATI

MODELLAZIONE HEC-RAS 6.3.1 "ARCHIANO APP"

RIMAGGIO

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 1, 3 e 6 h

Dati idraulici

HEC-RAS River: Rimaggio Reach: Rimaggio Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Rimaggio	500	Max WS	UF_Tr200_D3_APP	18.90	438.63	439.58	439.88	440.53	0.041003	4.31			4.38	6.31	1.65
Rimaggio	500	Max WS	UF_Tr200_D6_APP	11.80	438.63	439.38	439.60	440.10	0.042991	3.76			3.14	5.88	1.64
Rimaggio	500	Max WS	UF_Tr200_D1_APP	24.10	438.63	439.71	440.07	440.80	0.040475	4.63			5.21	6.60	1.66
Rimaggio	499.40	Max WS	UF_Tr200_D3_APP	18.90	436.12	437.70	438.01	438.69	0.034649	4.41			4.29	4.60	1.46
Rimaggio	499.40	Max WS	UF_Tr200_D6_APP	11.80	436.12	437.43	437.63	438.15	0.030564	3.75			3.15	3.95	1.34
Rimaggio	499.40	Max WS	UF_Tr200_D1_APP	24.09	436.12	437.85	438.25	439.02	0.036691	4.78			5.05	4.99	1.52
Rimaggio	499	Max WS	UF_Tr200_D3_APP	18.90	435.66	436.30	436.64	437.43	0.072071	4.71			4.02	8.10	2.13
Rimaggio	499	Max WS	UF_Tr200_D6_APP	11.80	435.66	436.17	436.41	436.98	0.070040	3.99			2.96	7.50	2.03
Rimaggio	499	Max WS	UF_Tr200_D1_APP	24.09	435.66	436.39	436.78	437.73	0.073866	5.13			4.70	8.45	2.20
Rimaggio	498	Max WS	UF_Tr200_D3_APP	18.90	433.67	434.67	434.70	435.16	0.017178	3.08			6.13	6.91	1.05
Rimaggio	498	Max WS	UF_Tr200_D6_APP	11.80	433.67	434.49		434.78	0.013162	2.42			4.88	6.64	0.90
Rimaggio	498	Max WS	UF_Tr200_D1_APP	24.09	433.67	434.79	434.86	435.40	0.019186	3.46			6.97	7.09	1.11
Rimaggio	497	Max WS	UF_Tr200_D3_APP	18.90	433.45	434.14	434.45	435.18	0.058328	4.53			4.18	7.15	1.89
Rimaggio	497	Max WS	UF_Tr200_D6_APP	11.80	433.45	433.97	434.20	434.74	0.060689	3.89			3.04	6.87	1.87
Rimaggio	497	Max WS	UF_Tr200_D1_APP	24.09	433.45	434.24	434.61	435.46	0.057202	4.88			4.93	7.32	1.90
Rimaggio	496	Max WS	UF_Tr200_D3_APP	18.90	432.25	433.37		433.57	0.005224	1.94			9.72	9.48	0.61
Rimaggio	496	Max WS	UF_Tr200_D6_APP	11.80	432.25	433.20		433.31	0.003545	1.46			8.10	9.23	0.50
Rimaggio	496	Max WS	UF_Tr200_D1_APP	24.09	432.25	433.49		433.74	0.006188	2.23			10.79	9.64	0.67
Rimaggio	495	Max WS	UF_Tr200_D3_APP	18.90	431.84	432.63	433.16	434.49	0.099036	6.04			3.13	4.69	2.36
Rimaggio	495	Max WS	UF_Tr200_D6_APP	11.80	431.84	432.44	432.83	433.85	0.104748	5.27			2.24	4.51	2.38
Rimaggio	495	Max WS	UF_Tr200_D1_APP	24.09	431.84	432.76	433.37	434.88	0.095770	6.46			3.73	4.82	2.34
Rimaggio	494	Max WS	UF_Tr200_D3_APP	18.90	431.08	431.91	432.11	432.69	0.033013	3.92			4.82	6.04	1.40
Rimaggio	494	Max WS	UF_Tr200_D6_APP	11.80	431.08	431.69	431.84	432.27	0.034157	3.37			3.50	5.91	1.40
Rimaggio	494	Max WS	UF_Tr200_D1_APP	24.08	431.08	432.06	432.29	432.96	0.032183	4.21			5.72	6.12	1.39
Rimaggio	493	Max WS	UF_Tr200_D3_APP	18.90	430.41	431.31	431.67	432.51	0.053216	4.85			3.90	4.87	1.73
Rimaggio	493	Max WS	UF_Tr200_D6_APP	11.80	430.41	431.09	431.35	431.96	0.052033	4.12			2.86	4.71	1.69
Rimaggio	493	Max WS	UF_Tr200_D1_APP	24.08	430.41	431.45	431.88	432.85	0.053038	5.23			4.60	4.98	1.74
Rimaggio	492	Max WS	UF_Tr200_D3_APP	20.60	429.51	430.51	430.60	431.11	0.021027	3.43			6.00	6.58	1.15
Rimaggio	492	Max WS	UF_Tr200_D6_APP	12.80	429.51	430.27	430.31	430.69	0.020388	2.90			4.42	6.33	1.11
Rimaggio	492	Max WS	UF_Tr200_D1_APP	25.34	429.51	430.64	430.75	431.34	0.021579	3.70			6.85	6.70	1.17
Rimaggio	491	Max WS	UF_Tr200_D3_APP	20.60	428.63	429.64	429.52	429.99	0.011043	2.59			7.95	7.92	0.83
Rimaggio	491	Max WS	UF_Tr200_D6_APP	12.80	428.63	429.38	429.28	429.62	0.010814	2.17			5.89	7.92	0.81
Rimaggio	491	Max WS	UF_Tr200_D1_APP	25.34	428.63	429.79	429.65	430.19	0.011011	2.78			9.12	7.92	0.83
Rimaggio	490.5			Bridge											
Rimaggio	490	Max WS	UF_Tr200_D3_APP	20.60	428.00	429.06	429.12	429.58	0.018575	3.17			6.50	7.70	1.10
Rimaggio	490	Max WS	UF_Tr200_D6_APP	12.80	428.00	428.94		429.21	0.011692	2.31			5.55	7.67	0.87
Rimaggio	490	Max WS	UF_Tr200_D1_APP	25.34	428.00	429.07	429.25	429.83	0.027368	3.86			6.56	7.71	1.34
Rimaggio	489	Max WS	UF_Tr200_D3_APP	18.70	427.54	428.21	428.50	429.20	0.063158	4.41			4.24	8.32	1.97
Rimaggio	489	Max WS	UF_Tr200_D6_APP	11.88	427.54	428.08	428.29	428.77	0.059725	3.68			3.23	8.10	1.86
Rimaggio	489	Max WS	UF_Tr200_D1_APP	25.34	427.54	428.32	428.69	429.52	0.060640	4.84			5.23	8.54	1.98
Rimaggio	488	Max WS	UF_Tr200_D3_APP	11.06	424.93	427.09		427.13	0.000532	0.82	0.15	0.13	14.11	10.62	0.20
Rimaggio	488	Max WS	UF_Tr200_D6_APP	12.31	424.93	427.11		427.15	0.000638	0.90	0.17	0.14	14.27	10.72	0.22
Rimaggio	488	Max WS	UF_Tr200_D1_APP	6.07	424.93	426.45		426.47	0.000664	0.71			8.55	7.20	0.21

ALLEGATI

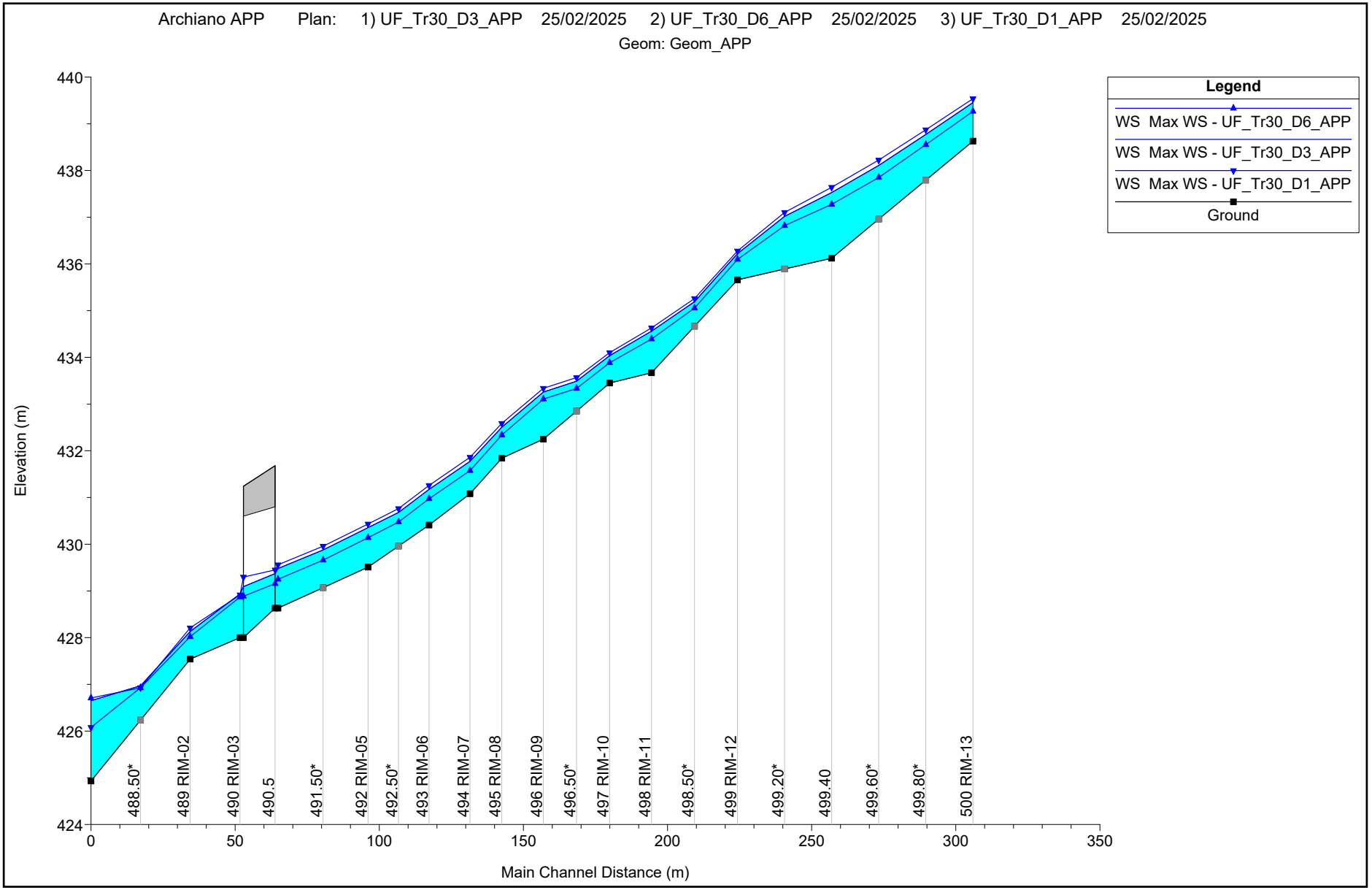
MODELLAZIONE HEC-RAS 6.3.1 "ARCHIANO APP"

RIMAGGIO

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 1, 3 e 6 h

Profilo longitudinale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Geom: Geom_APP
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Elevation (m)
Main Channel Distance (m)
440
438
436
434
432
430
428
426
424
0
50
100
150
200
250
300
350
488.50*
489 RIM-02
490 RIM-03
490.5
491.50*
492 RIM-05
492.50*
493 RIM-06
494 RIM-07
495 RIM-08
496 RIM-09
496.50*
497 RIM-10
498 RIM-11
498.50*
499 RIM-12
499.20*
499.40
499.60*
499.80*
500 RIM-13

ALLEGATI

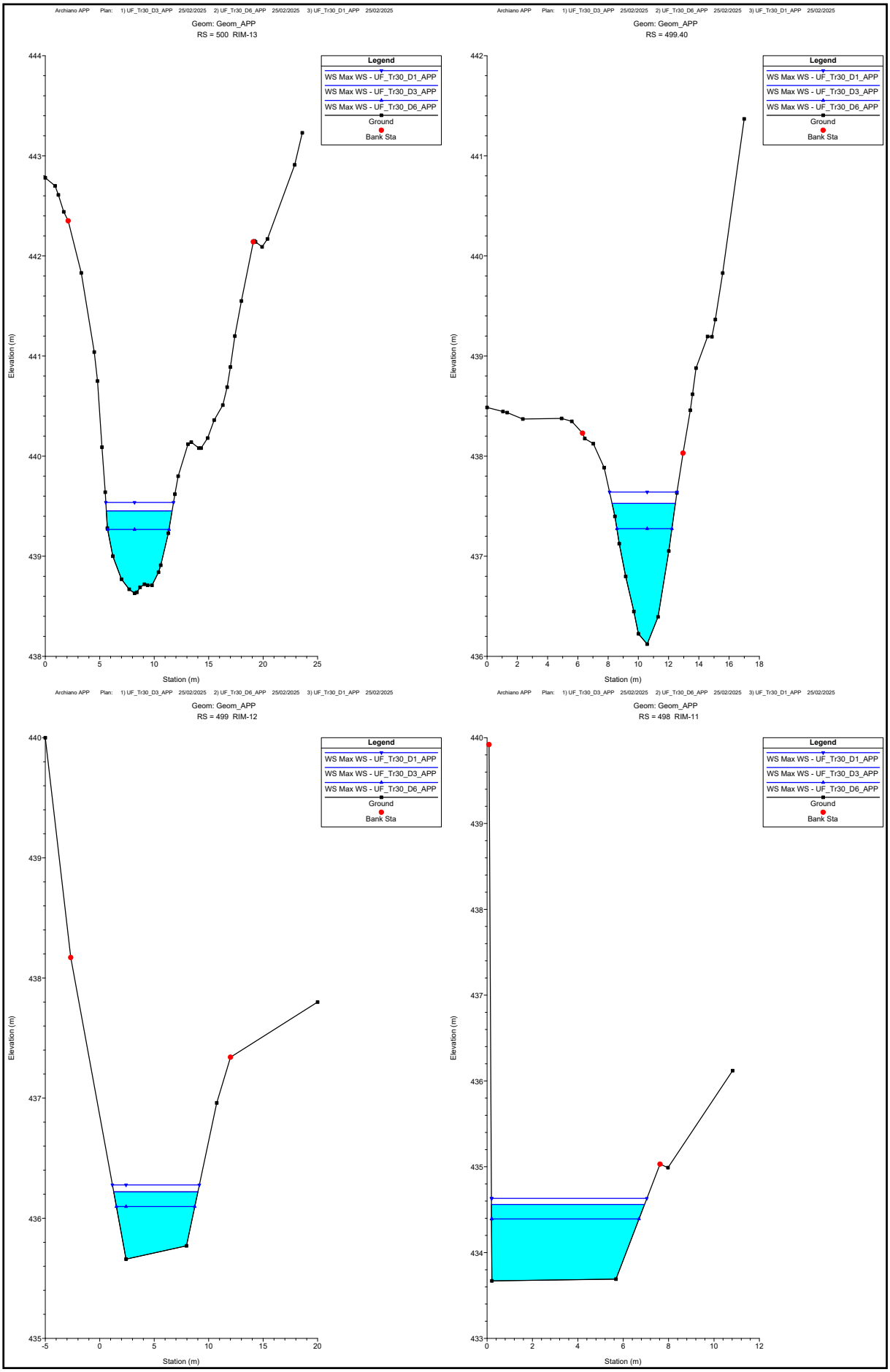
MODELLAZIONE HEC-RAS 6.3.1 "ARCHIANO APP"

RIMAGGIO

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 1, 3 e 6 h

Sezioni Trasversali (da monte verso valle)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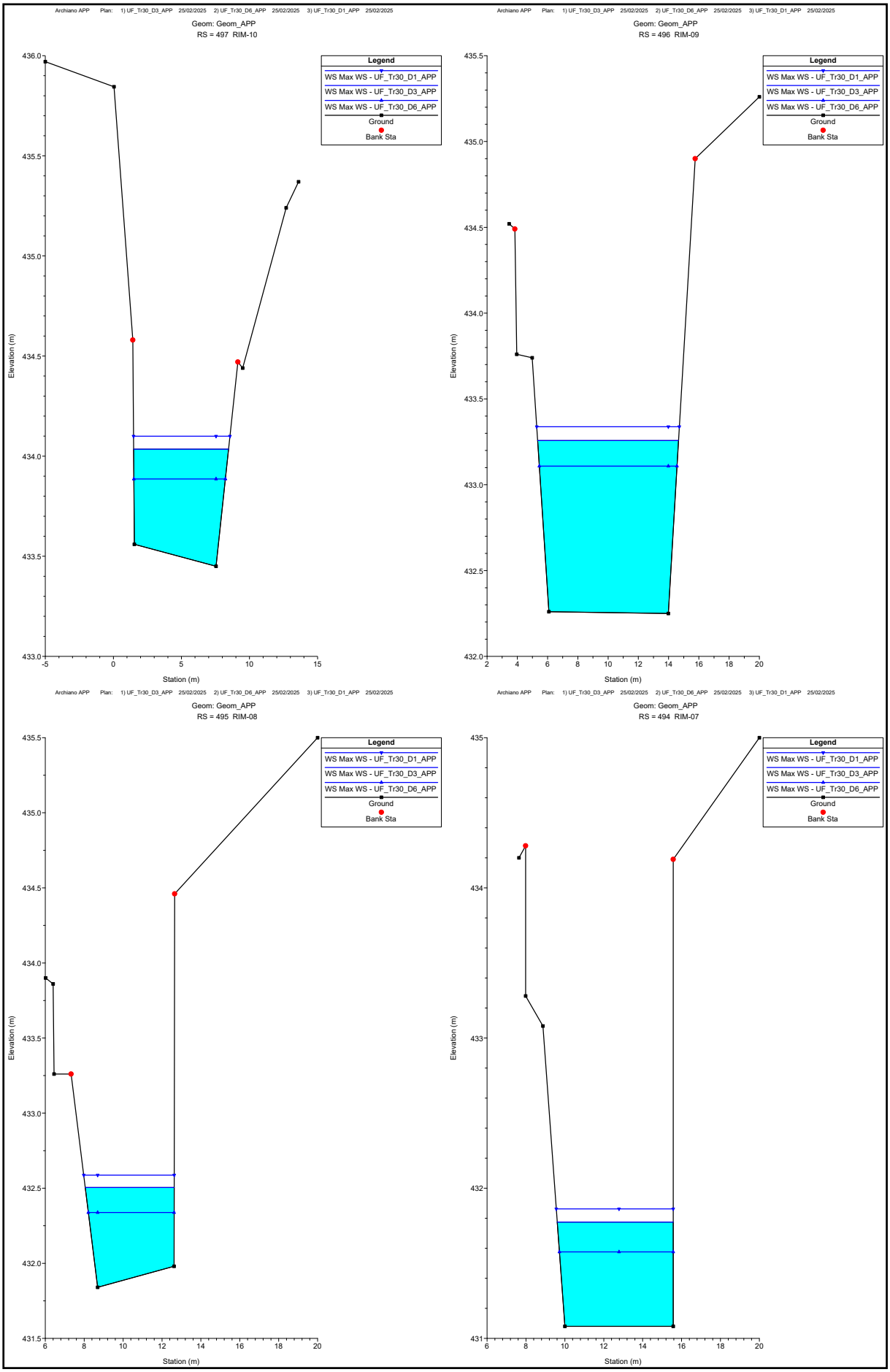
Geom: Geom_APP
RS = 500 RIM-13
Legend
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 499.40
Legend
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 499 RIM-12
Legend
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 498 RIM-11
Legend
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)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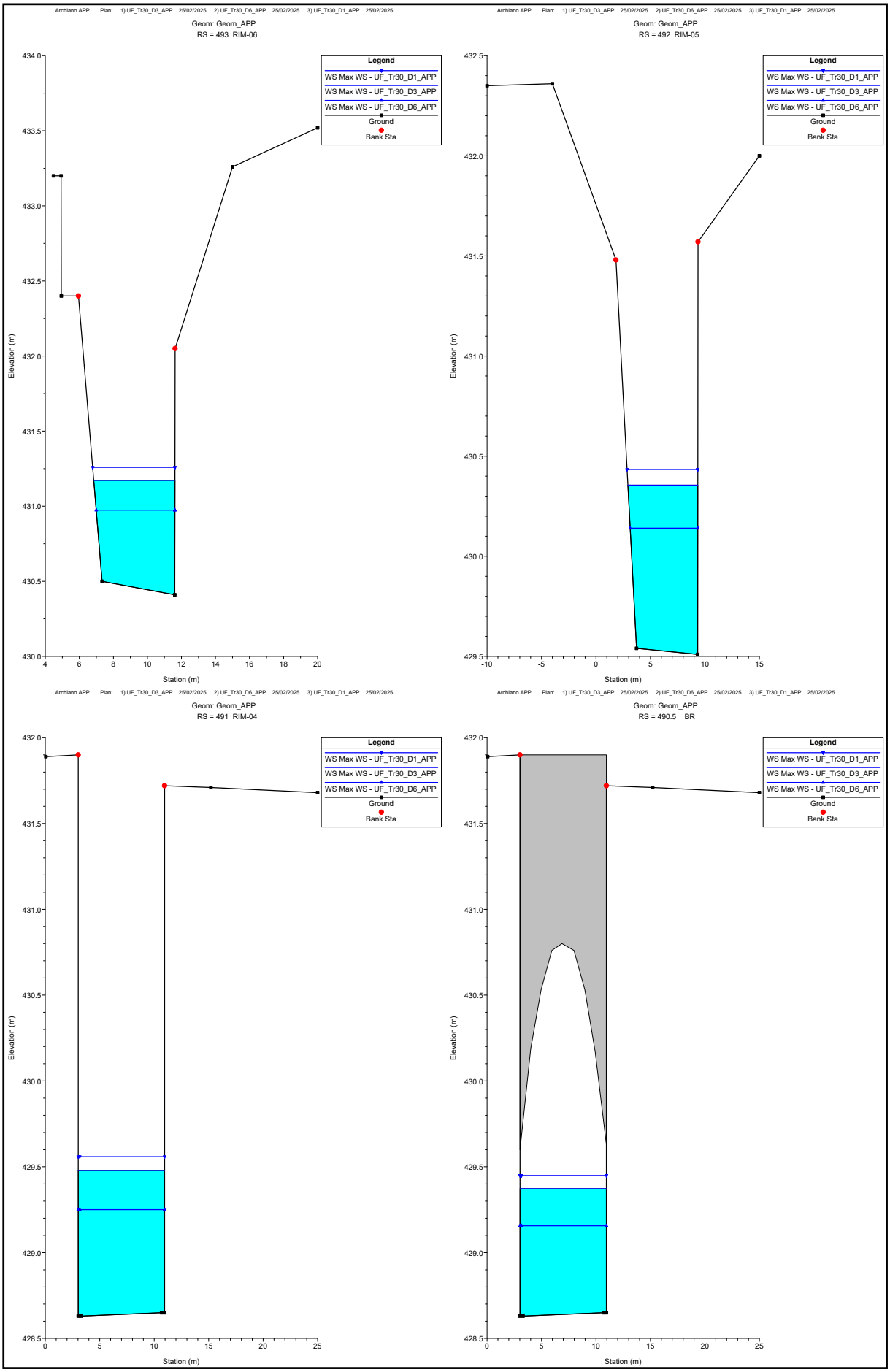
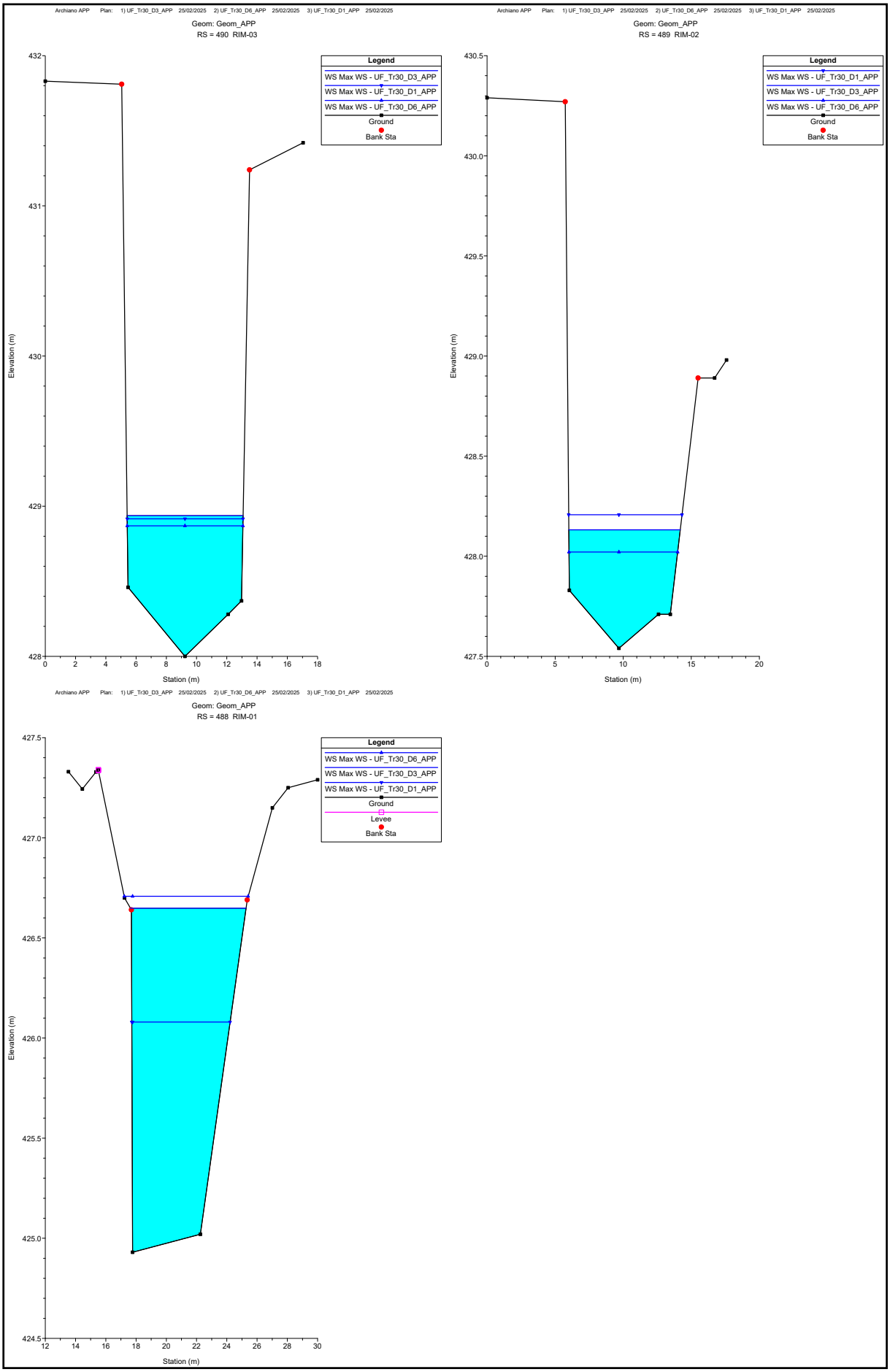
Geom: Geom_APP
RS = 497 RIM-10
Legend
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 496 RIM-09
Legend
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 495 RIM-08
Legend
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 494 RIM-07
Legend
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)


Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 493 RIM-06
Legend
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 492 RIM-05
Legend
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 491 RIM-04
Legend
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 490.5 BR
Legend
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)


Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 490 RIM-03
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 489 RIM-02
Legend
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 488 RIM-01
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)

ALLEGATI

MODELLAZIONE HEC-RAS 6.3.1 "ARCHIANO APP"

RIMAGGIO

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 1, 3 e 6 h

Dati idraulici

HEC-RAS River: Rimaggio Reach: Rimaggio Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Rimaggio	500	Max WS	UF_Tr30_D3_APP	14.20	438.63	439.45	439.70	440.25	0.041928	3.96			3.58	6.04	1.64
Rimaggio	500	Max WS	UF_Tr30_D6_APP	8.60	438.63	439.27	439.45	439.87	0.045200	3.44			2.50	5.64	1.65
Rimaggio	500	Max WS	UF_Tr30_D1_APP	17.20	438.63	439.54	439.81	440.44	0.041402	4.20			4.10	6.22	1.65
Rimaggio	499.40	Max WS	UF_Tr30_D3_APP	14.20	436.12	437.53	437.77	438.35	0.032320	4.01			3.55	4.19	1.39
Rimaggio	499.40	Max WS	UF_Tr30_D6_APP	8.60	436.12	437.28	437.42	437.85	0.028298	3.35			2.56	3.64	1.28
Rimaggio	499.40	Max WS	UF_Tr30_D1_APP	17.20	436.12	437.64	437.93	438.57	0.033684	4.26			4.03	4.46	1.43
Rimaggio	499	Max WS	UF_Tr30_D3_APP	14.20	435.66	436.22	436.50	437.13	0.069391	4.23			3.36	7.73	2.05
Rimaggio	499	Max WS	UF_Tr30_D6_APP	8.60	435.66	436.10	436.29	436.73	0.066739	3.53			2.44	7.20	1.94
Rimaggio	499	Max WS	UF_Tr30_D1_APP	17.20	435.66	436.28	436.59	437.32	0.069987	4.52			3.81	7.98	2.09
Rimaggio	498	Max WS	UF_Tr30_D3_APP	14.20	433.67	434.56	434.53	434.92	0.014310	2.64			5.37	6.75	0.95
Rimaggio	498	Max WS	UF_Tr30_D6_APP	8.60	433.67	434.39		434.60	0.010498	2.02			4.26	6.50	0.80
Rimaggio	498	Max WS	UF_Tr30_D1_APP	17.19	433.67	434.63	434.64	435.07	0.016272	2.94			5.85	6.85	1.01
Rimaggio	497	Max WS	UF_Tr30_D3_APP	14.20	433.45	434.03	434.29	434.89	0.058632	4.10			3.46	6.97	1.86
Rimaggio	497	Max WS	UF_Tr30_D6_APP	8.60	433.45	433.89	434.08	434.52	0.063500	3.52			2.44	6.72	1.87
Rimaggio	497	Max WS	UF_Tr30_D1_APP	17.19	433.45	434.10	434.40	435.08	0.058664	4.39			3.92	7.08	1.88
Rimaggio	496	Max WS	UF_Tr30_D3_APP	14.20	432.25	433.26		433.40	0.004230	1.65			8.63	9.32	0.55
Rimaggio	496	Max WS	UF_Tr30_D6_APP	8.60	432.25	433.11		433.18	0.002641	1.19			7.25	9.10	0.42
Rimaggio	496	Max WS	UF_Tr30_D1_APP	17.19	432.25	433.34		433.51	0.004819	1.83			9.38	9.43	0.59
Rimaggio	495	Max WS	UF_Tr30_D3_APP	14.20	431.84	432.50	432.95	434.09	0.102770	5.57			2.55	4.57	2.38
Rimaggio	495	Max WS	UF_Tr30_D6_APP	8.60	431.84	432.34	432.66	433.50	0.108451	4.78			1.80	4.41	2.39
Rimaggio	495	Max WS	UF_Tr30_D1_APP	17.19	431.84	432.59	433.09	434.34	0.099235	5.86			2.93	4.65	2.36
Rimaggio	494	Max WS	UF_Tr30_D3_APP	14.20	431.08	431.77	431.94	432.42	0.032832	3.55			4.00	5.96	1.38
Rimaggio	494	Max WS	UF_Tr30_D6_APP	8.60	431.08	431.58	431.69	432.05	0.035158	3.04			2.83	5.85	1.39
Rimaggio	494	Max WS	UF_Tr30_D1_APP	17.19	431.08	431.86	432.05	432.60	0.033016	3.79			4.53	6.01	1.40
Rimaggio	493	Max WS	UF_Tr30_D3_APP	14.20	430.41	431.17	431.47	432.16	0.052461	4.40			3.23	4.77	1.71
Rimaggio	493	Max WS	UF_Tr30_D6_APP	8.60	430.41	430.97	431.19	431.69	0.053893	3.74			2.30	4.62	1.70
Rimaggio	493	Max WS	UF_Tr30_D1_APP	17.19	430.41	431.26	431.60	432.39	0.053643	4.72			3.65	4.84	1.73
Rimaggio	492	Max WS	UF_Tr30_D3_APP	15.50	429.51	430.36	430.42	430.85	0.020734	3.11			4.99	6.42	1.13
Rimaggio	492	Max WS	UF_Tr30_D6_APP	9.30	429.51	430.14	430.17	430.47	0.019590	2.56			3.63	6.21	1.07
Rimaggio	492	Max WS	UF_Tr30_D1_APP	17.91	429.51	430.43	430.51	430.98	0.020734	3.26			5.49	6.50	1.13
Rimaggio	491	Max WS	UF_Tr30_D3_APP	15.50	428.63	429.48	429.37	429.76	0.010890	2.33			6.64	7.92	0.81
Rimaggio	491	Max WS	UF_Tr30_D6_APP	9.30	428.63	429.25	429.16	429.44	0.010609	1.92			4.83	7.92	0.79
Rimaggio	491	Max WS	UF_Tr30_D1_APP	17.91	428.63	429.56	429.44	429.87	0.010970	2.46			7.28	7.92	0.82
Rimaggio	490.5			Bridge											
Rimaggio	490	Max WS	UF_Tr30_D3_APP	15.45	428.00	428.94	428.96	429.34	0.017353	2.80			5.52	7.66	1.05
Rimaggio	490	Max WS	UF_Tr30_D6_APP	9.30	428.00	428.87		429.05	0.008545	1.86			5.00	7.64	0.73
Rimaggio	490	Max WS	UF_Tr30_D1_APP	17.91	428.00	428.92	429.04	429.49	0.025540	3.34			5.36	7.66	1.28
Rimaggio	489	Max WS	UF_Tr30_D3_APP	14.59	427.54	428.13	428.38	428.96	0.062465	4.02			3.63	8.19	1.93
Rimaggio	489	Max WS	UF_Tr30_D6_APP	8.81	427.54	428.02	428.18	428.55	0.055488	3.22			2.73	7.98	1.76
Rimaggio	489	Max WS	UF_Tr30_D1_APP	17.91	427.54	428.21	428.48	429.11	0.057417	4.21			4.25	8.33	1.88
Rimaggio	488	Max WS	UF_Tr30_D3_APP	7.23	424.93	426.65		426.68	0.000603	0.72	0.01		10.03	7.65	0.20
Rimaggio	488	Max WS	UF_Tr30_D6_APP	8.37	424.93	426.71		426.74	0.000707	0.80	0.05	0.02	10.50	8.20	0.22
Rimaggio	488	Max WS	UF_Tr30_D1_APP	3.93	424.93	426.08		426.10	0.000745	0.65			6.02	6.50	0.22

ALLEGATI

MODELLAZIONE HEC-RAS 6.3.1 "ARCHIANO APP"

SORRASA (AV5449)

MODELLAZIONE PER TR=30 e 200 ANNI

DURATA DI PIOGGIA: 1, 3 e 6 h

Profilo longitudinale

Sezioni Trasversali

Dati idraulici

ALLEGATI

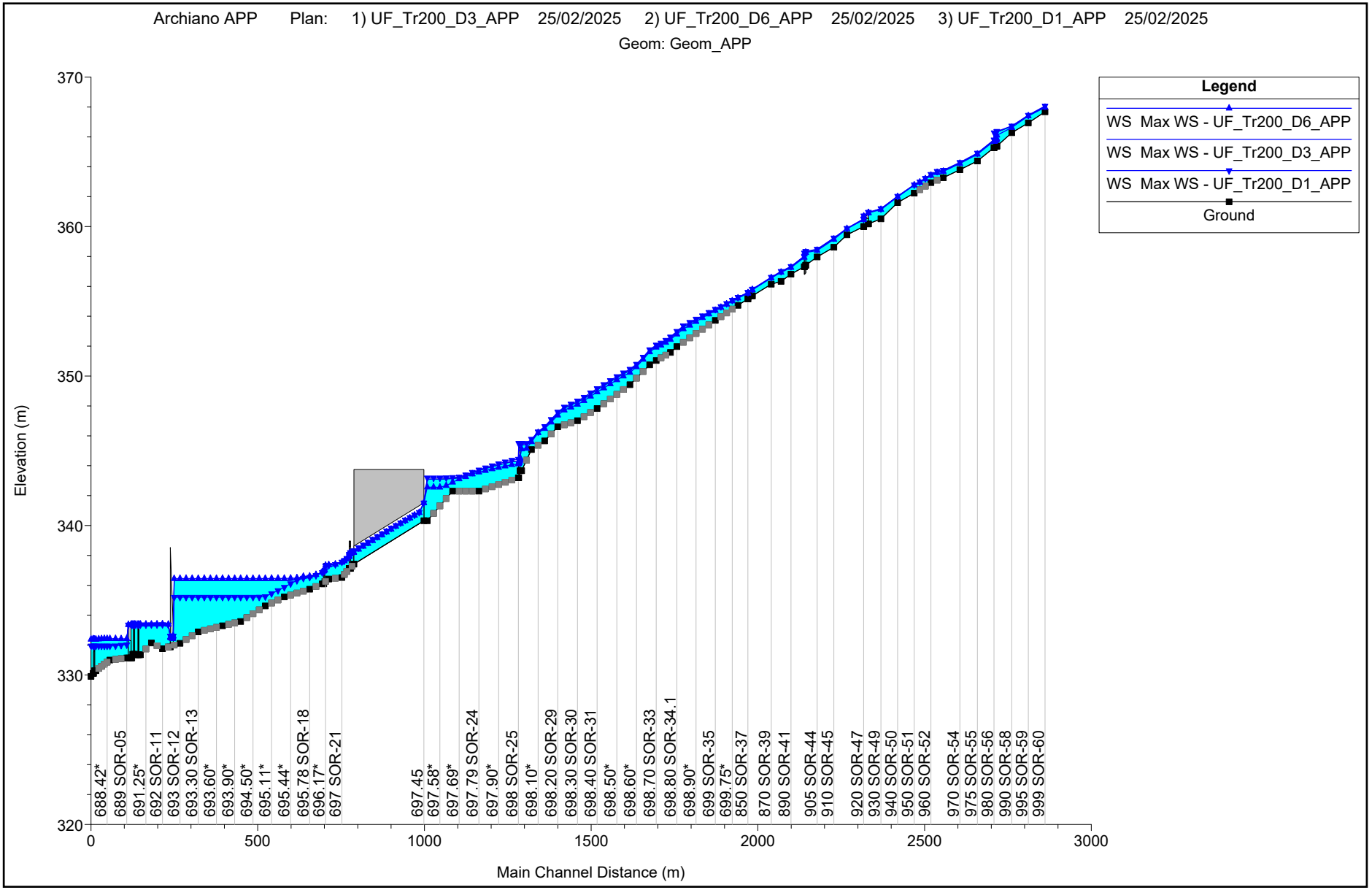
MODELLAZIONE HEC-RAS 6.3.1 "ARCHIANO APP"

SORRASA (AV5449)

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 1, 3 e 6 h

Profilo longitudinale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Geom: Geom_APP
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Elevation (m)
Main Channel Distance (m)
370
360
350
340
330
320
0
500
1000
1500
2000
2500
3000
688.42*
689 SOR-05
691.25*
692 SOR-11
693 SOR-12
693.30 SOR-13
693.60*
693.90*
694.50*
695.11*
695.44*
695.78 SOR-18
696.17*
697 SOR-21
697.45
697.58*
697.69*
697.79 SOR-24
697.90*
698 SOR-25
698.10*
698.20 SOR-29
698.30 SOR-30
698.40 SOR-31
698.50*
698.60*
698.70 SOR-33
698.80 SOR-34.1
698.90*
699 SOR-35
699.75*
850 SOR-37
870 SOR-39
890 SOR-41
905 SOR-44
910 SOR-45
920 SOR-47
930 SOR-49
940 SOR-50
950 SOR-51
960 SOR-52
970 SOR-54
975 SOR-55
980 SOR-56
990 SOR-58
995 SOR-59
999 SOR-60

ALLEGATI

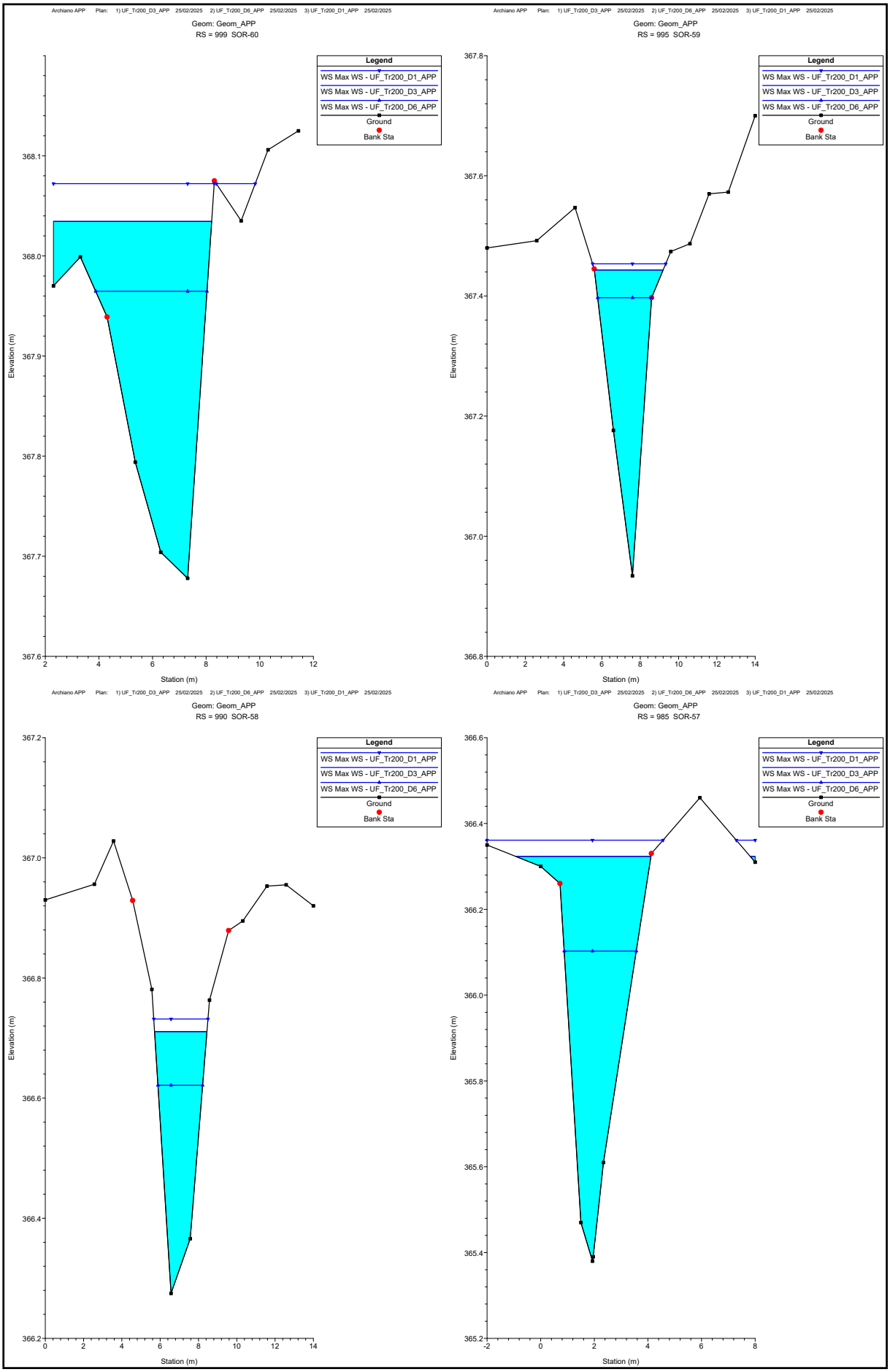
MODELLAZIONE HEC-RAS 6.3.1 "ARCHIANO APP"

SORRASA (AV5449)

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 1, 3 e 6 h

Sezioni Trasversali (da monte verso valle)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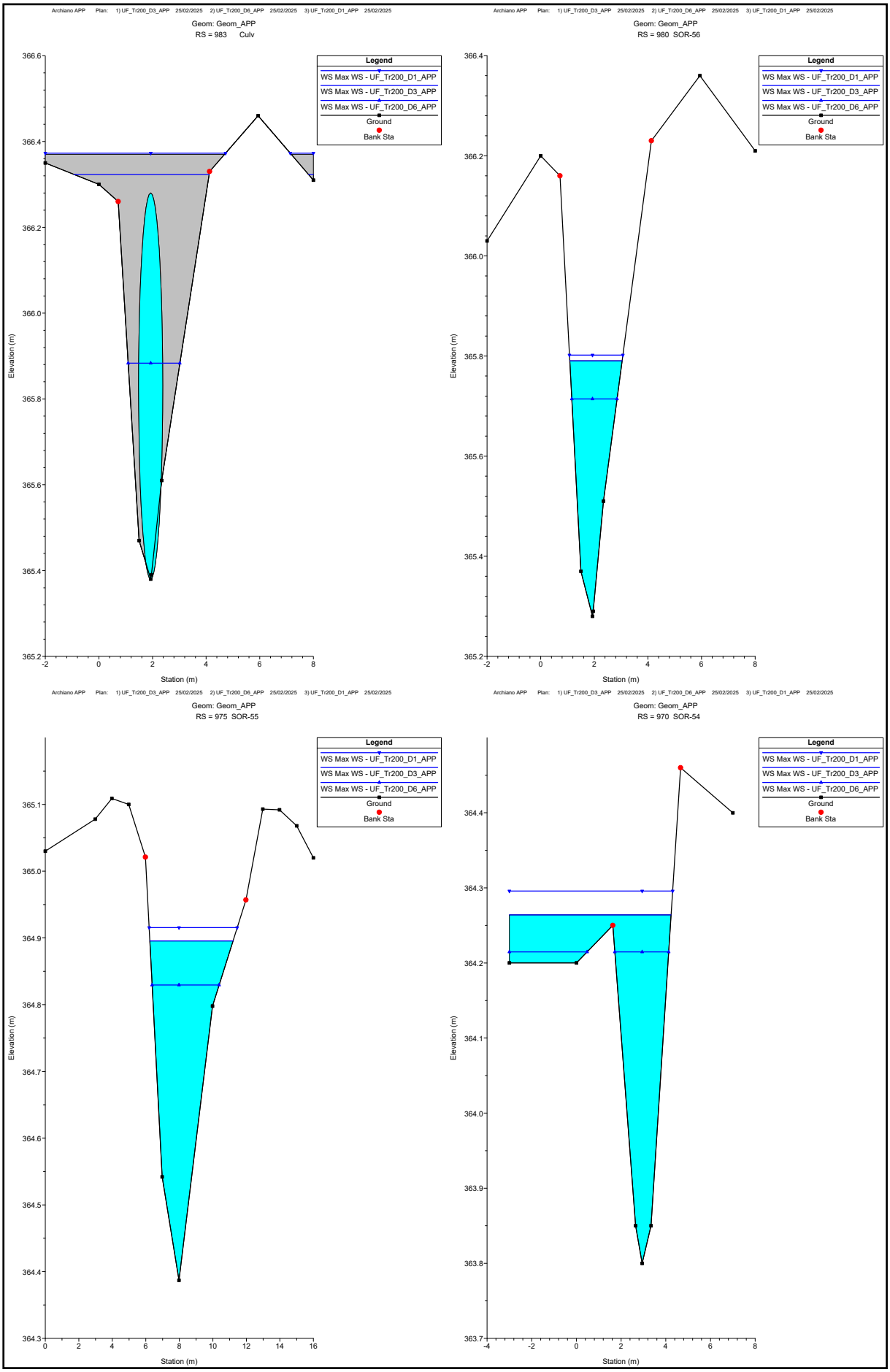
Geom: Geom_APP
RS = 999 SOR-60
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 995 SOR-59
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 990 SOR-58
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 985 SOR-57
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)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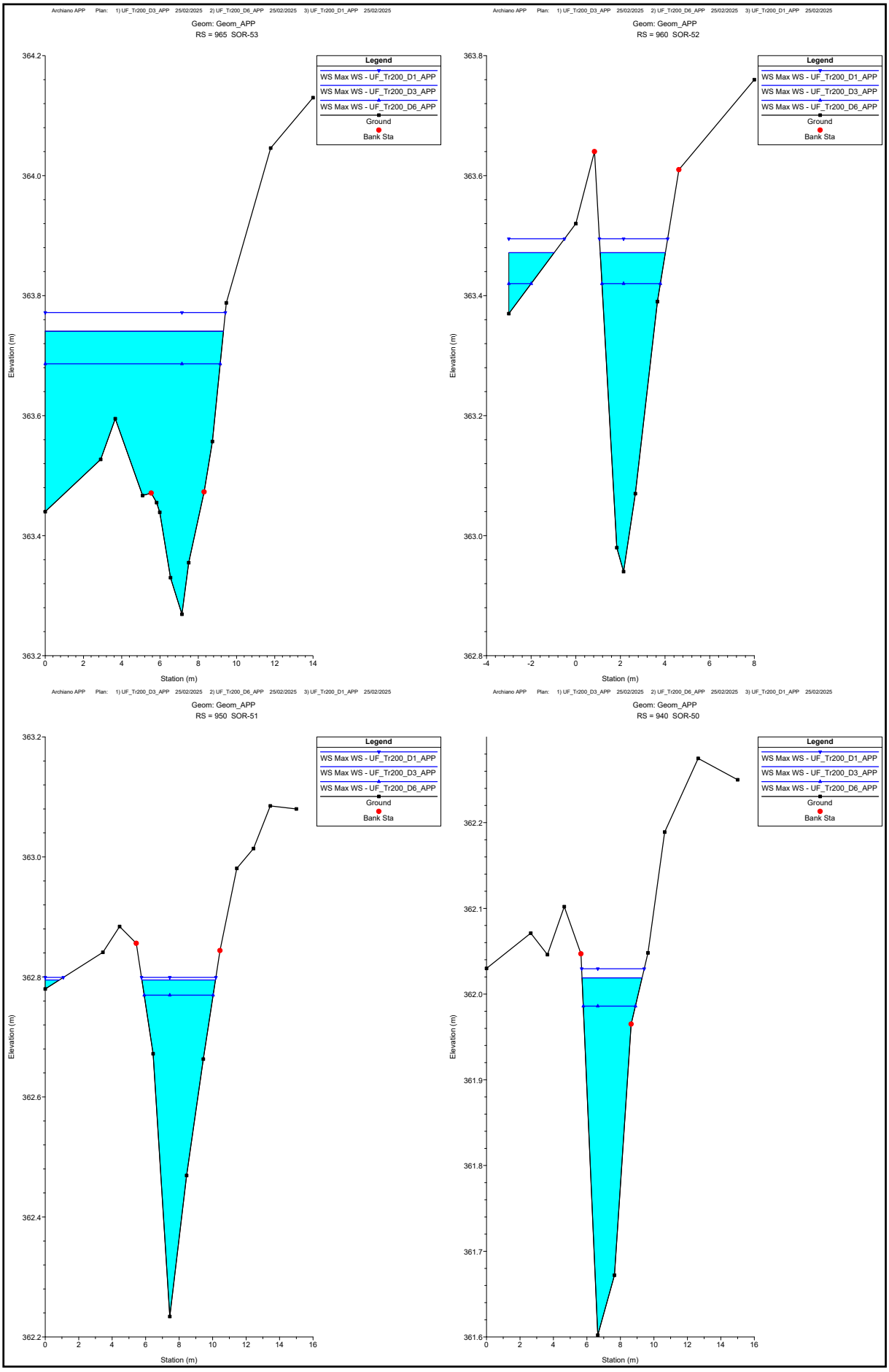
Geom: Geom_APP
RS = 983 Culv
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 980 SOR-56
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 975 SOR-55
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 970 SOR-54
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)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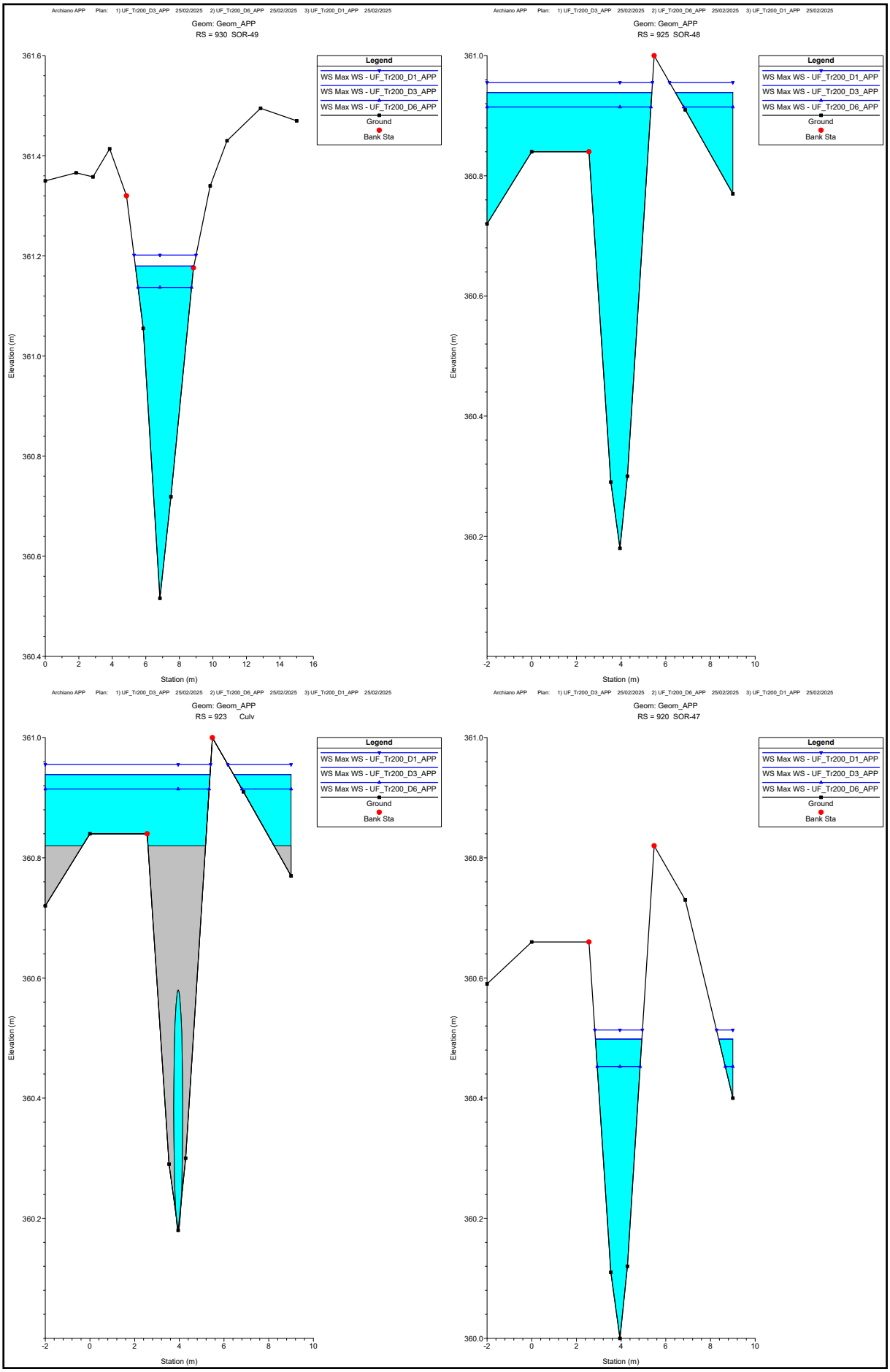
Geom: Geom_APP
RS = 965 SOR-53
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 960 SOR-52
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 950 SOR-51
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 940 SOR-50
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)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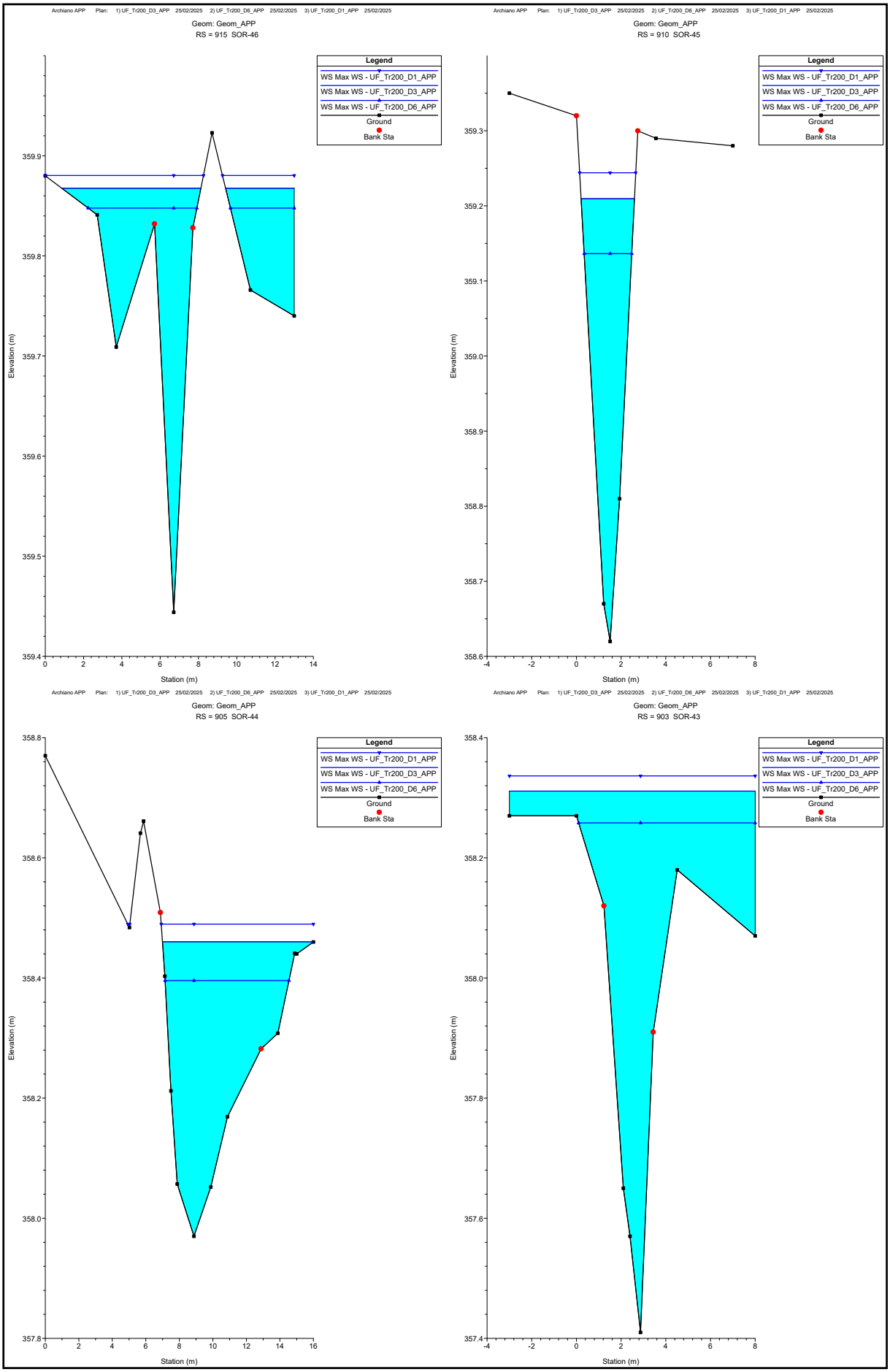
Geom: Geom_APP
RS = 930 SOR-49
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 925 SOR-48
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 923 Culv
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 920 SOR-47
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)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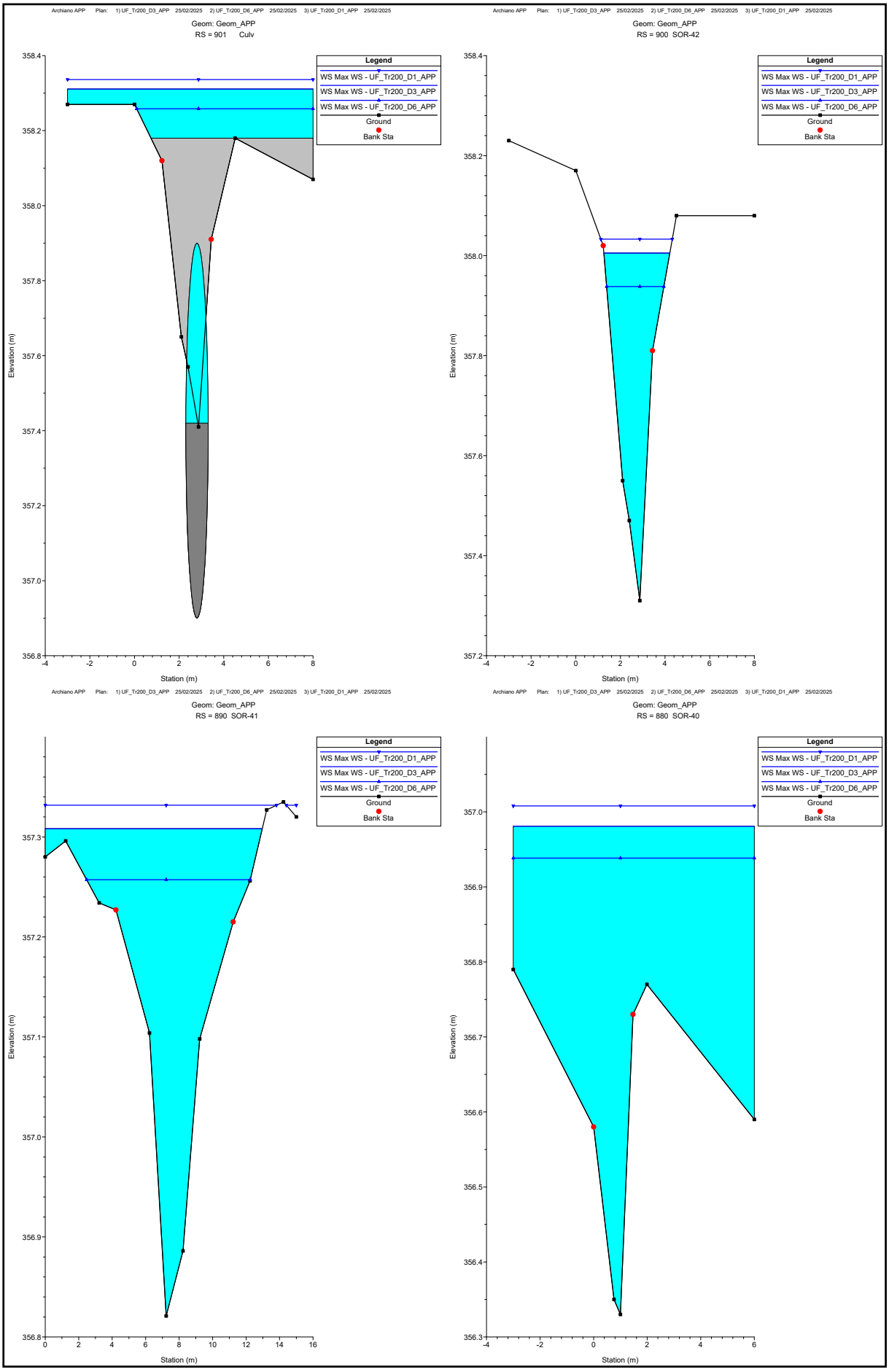
Geom: Geom_APP
RS = 915 SOR-46
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 910 SOR-45
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 905 SOR-44
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 903 SOR-43
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)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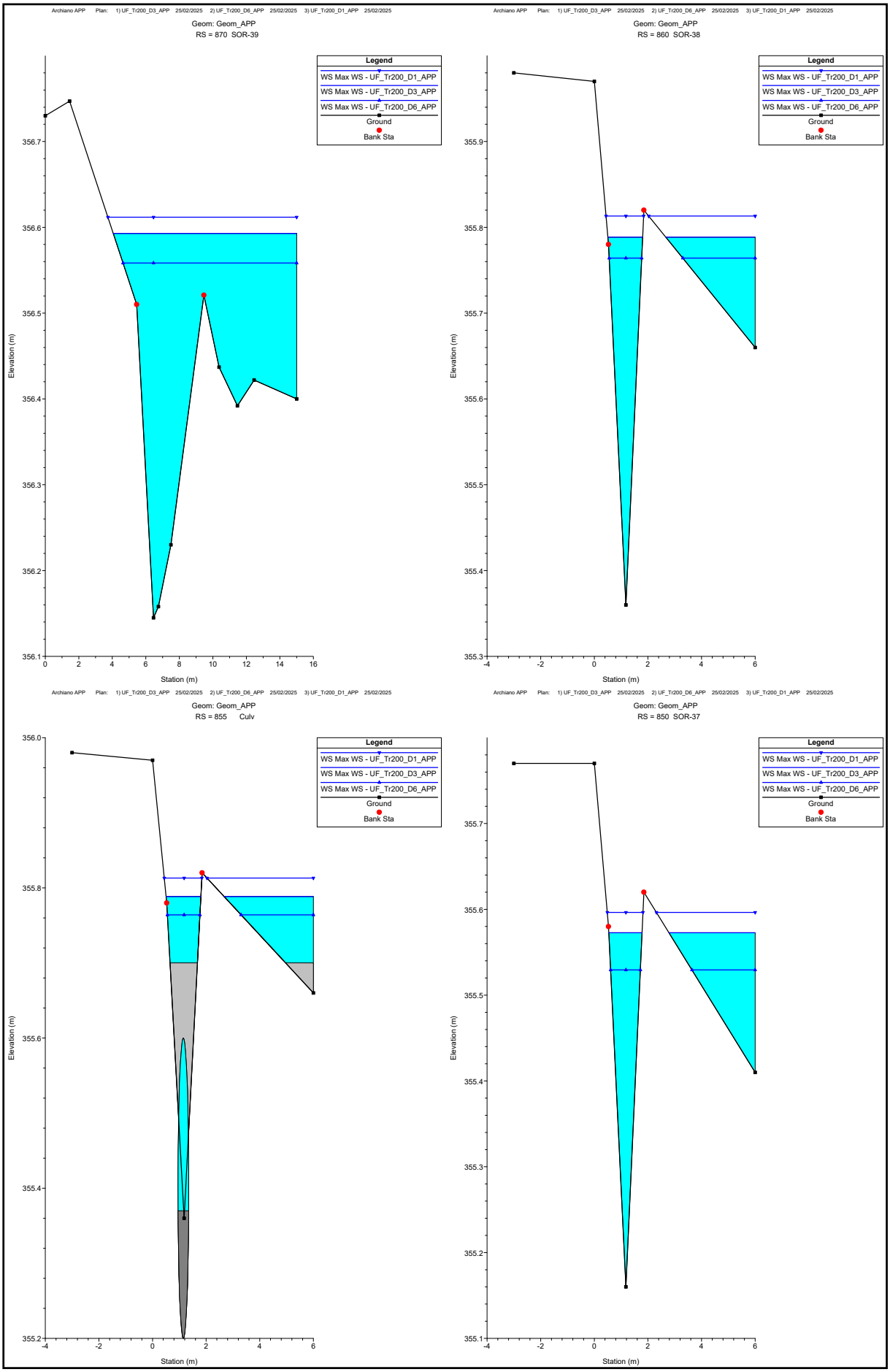
Geom: Geom_APP
RS = 901 Culv
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 900 SOR-42
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 890 SOR-41
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 880 SOR-40
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)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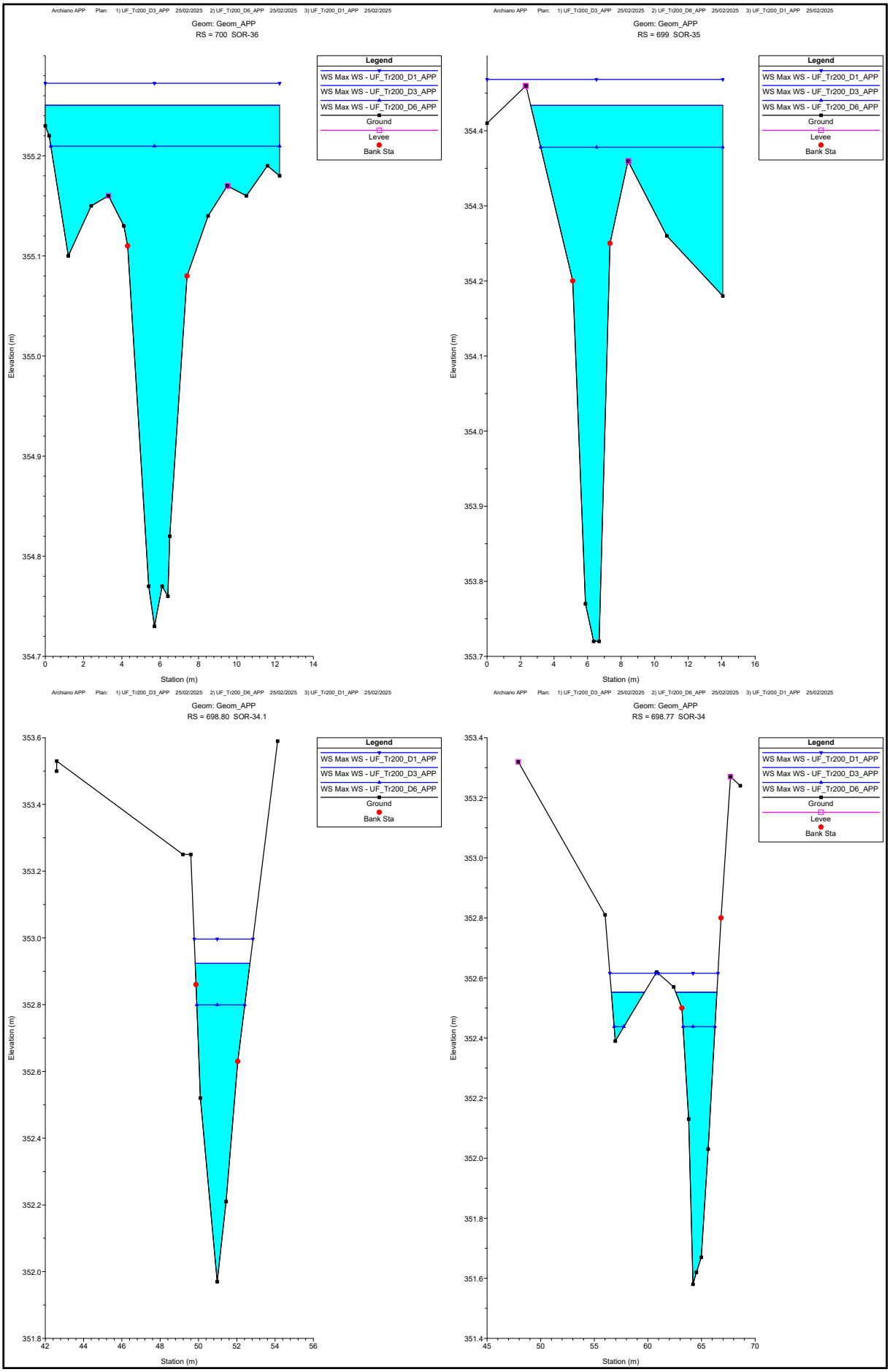
Geom: Geom_APP
RS = 870 SOR-39
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 860 SOR-38
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 855 Culv
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 850 SOR-37
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)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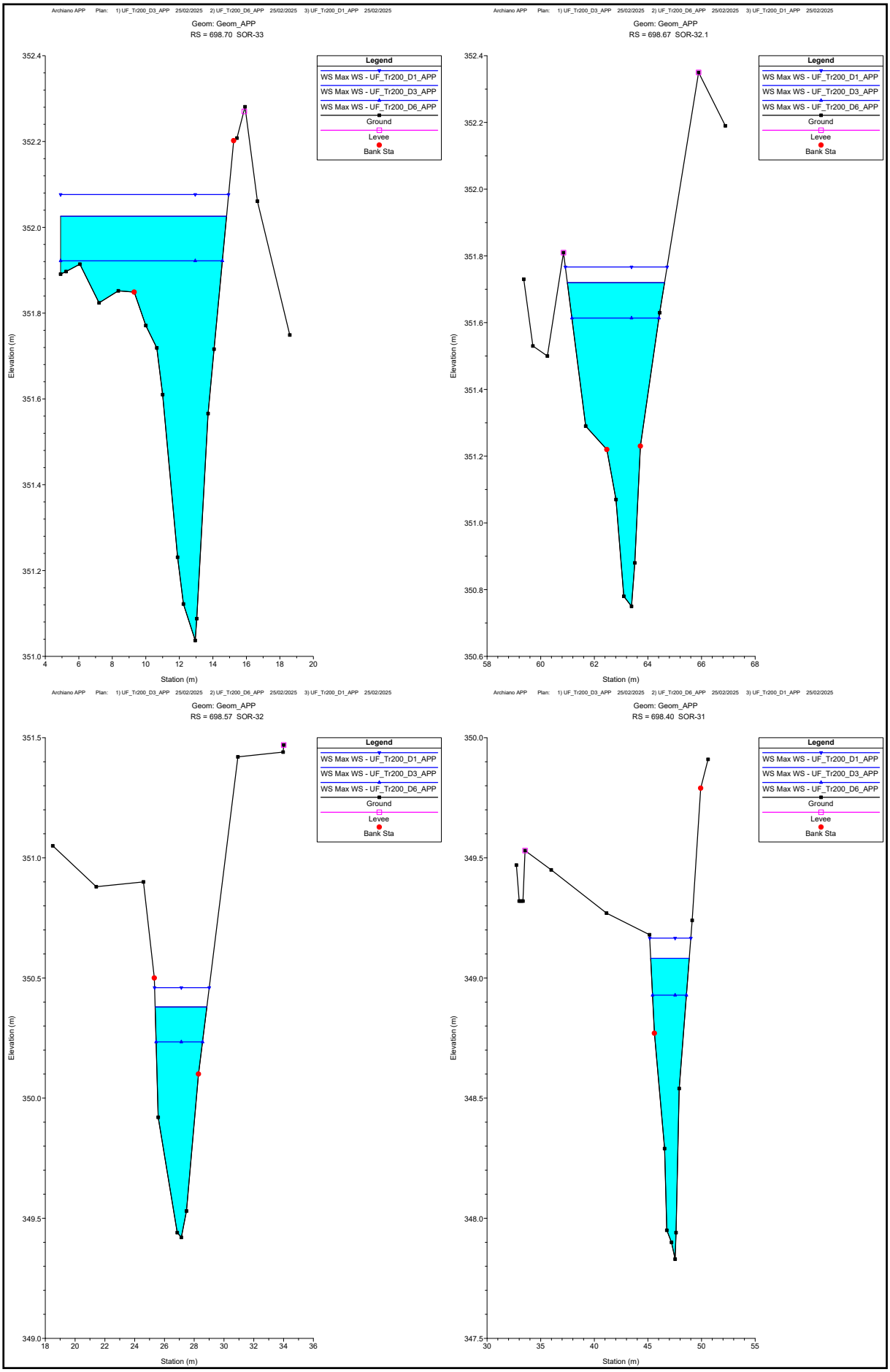
Geom: Geom_APP
RS = 700 SOR-36
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 699 SOR-35
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 698.80 SOR-34.1
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 698.77 SOR-34
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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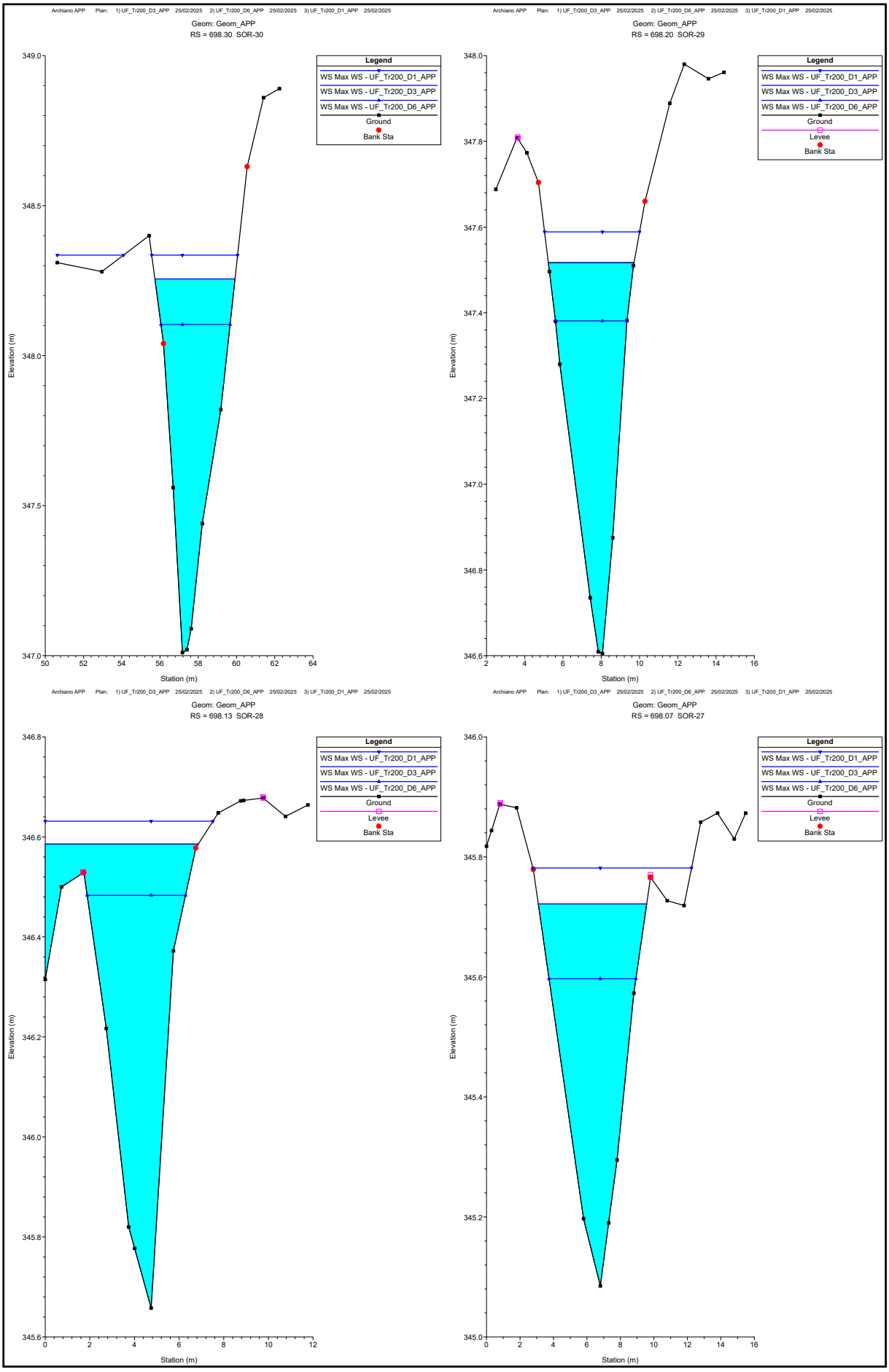
Geom: Geom_APP
RS = 698.70 SOR-33
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 698.67 SOR-32.1
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 698.57 SOR-32
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 698.40 SOR-31
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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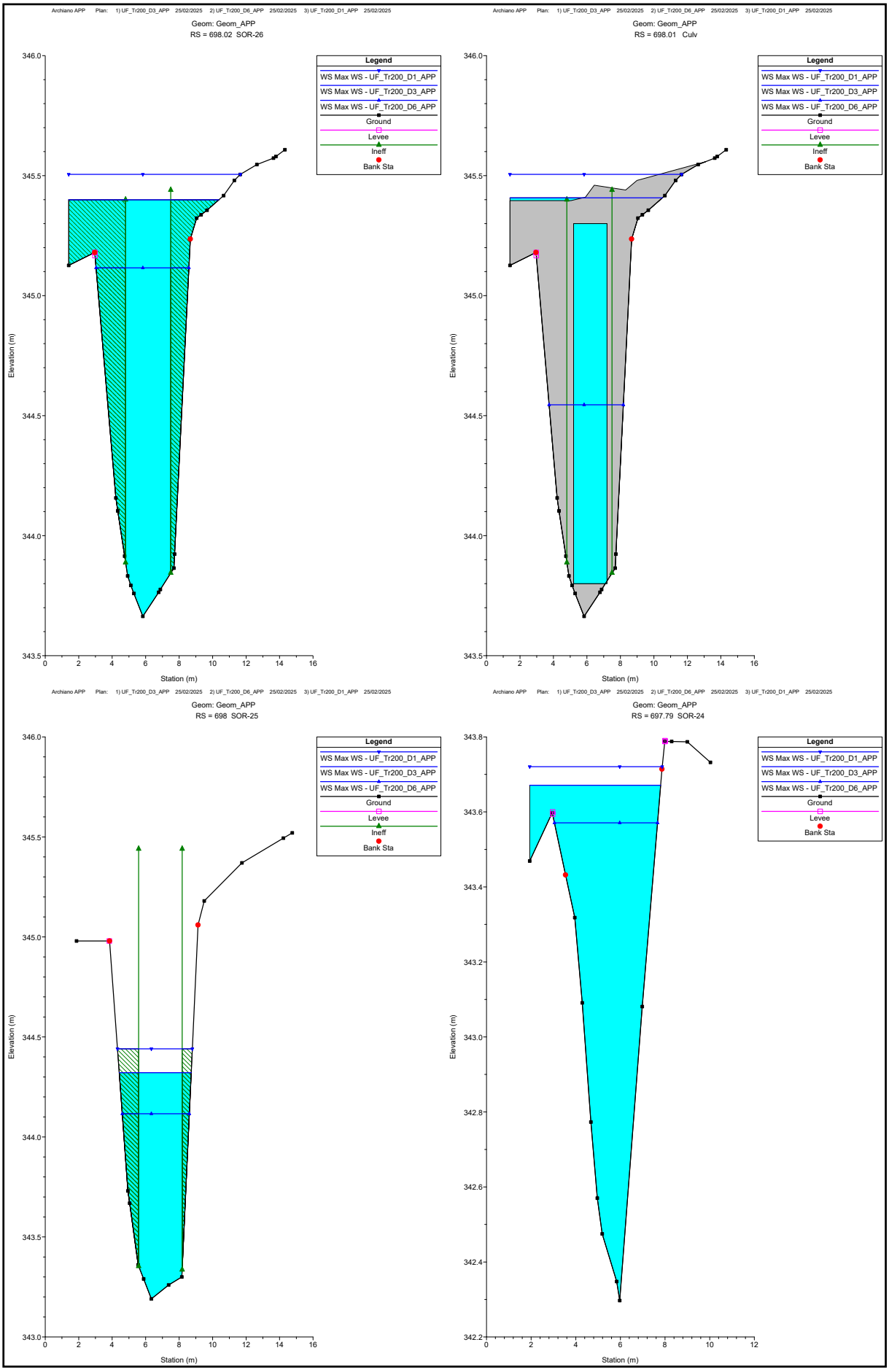
Geom: Geom_APP
RS = 698.30 SOR-30
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 698.20 SOR-29
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 698.13 SOR-28
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 698.07 SOR-27
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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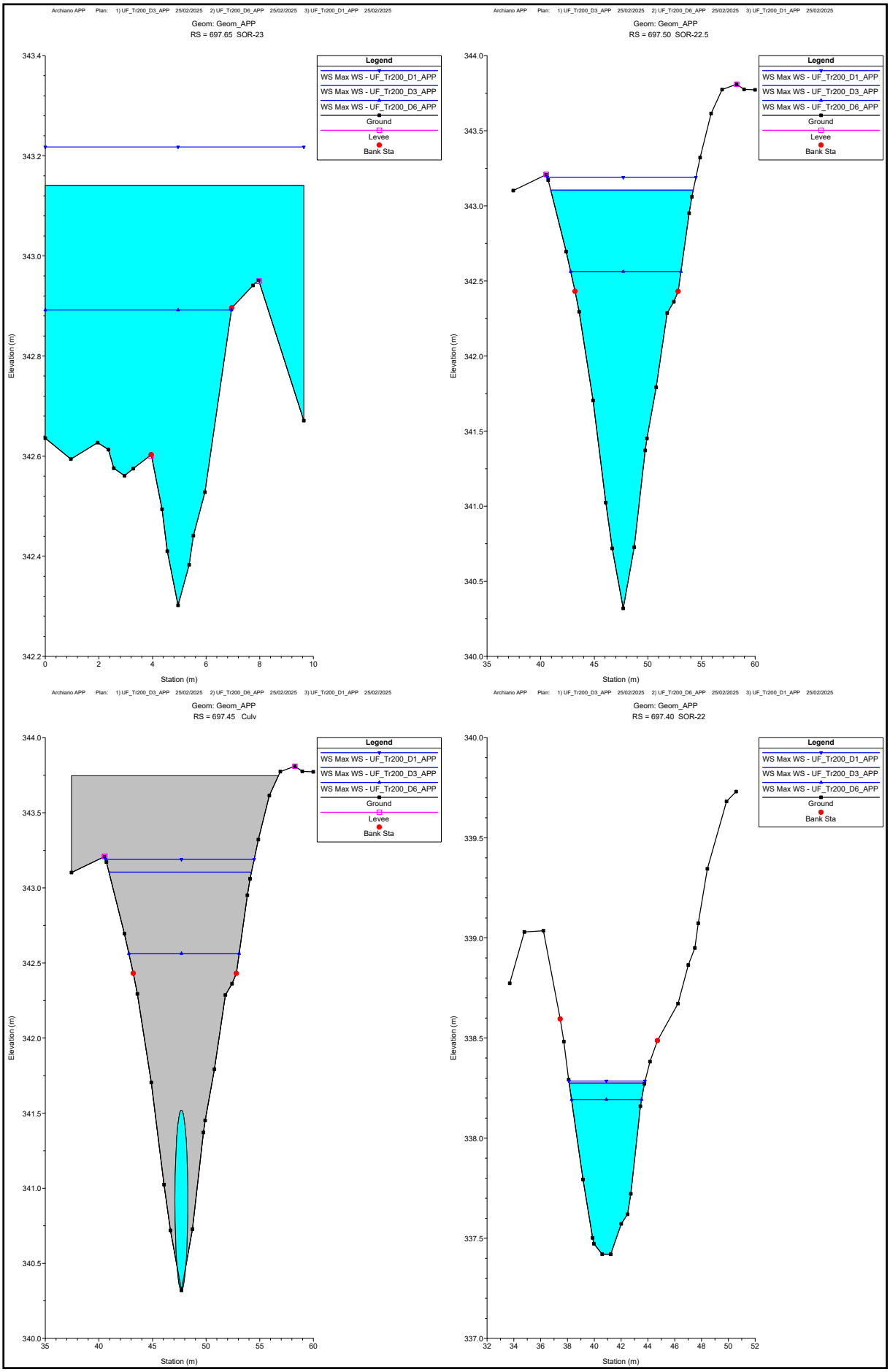
Geom: Geom_APP
RS = 698.02 SOR-26
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Ineff
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 698.01 Culv
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Ineff
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 698 SOR-25
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Ineff
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 697.79 SOR-24
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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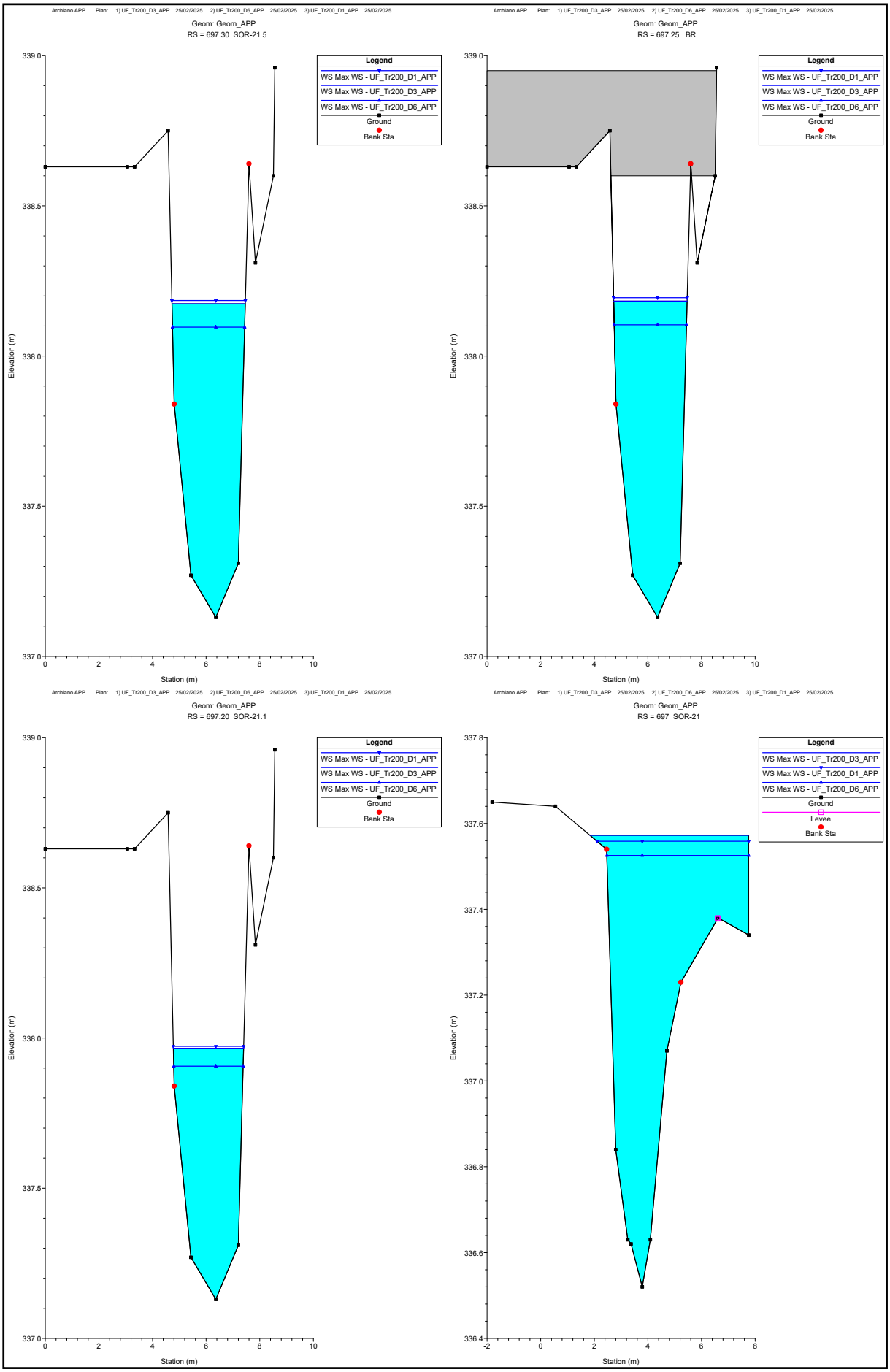
Geom: Geom_APP
RS = 697.65 SOR-23
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 697.50 SOR-22.5
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 697.45 Culv
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 697.40 SOR-22
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)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Geom: Geom_APP
RS = 697.30 SOR-21.5
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 697.25 BR
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 697.20 SOR-21.1
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
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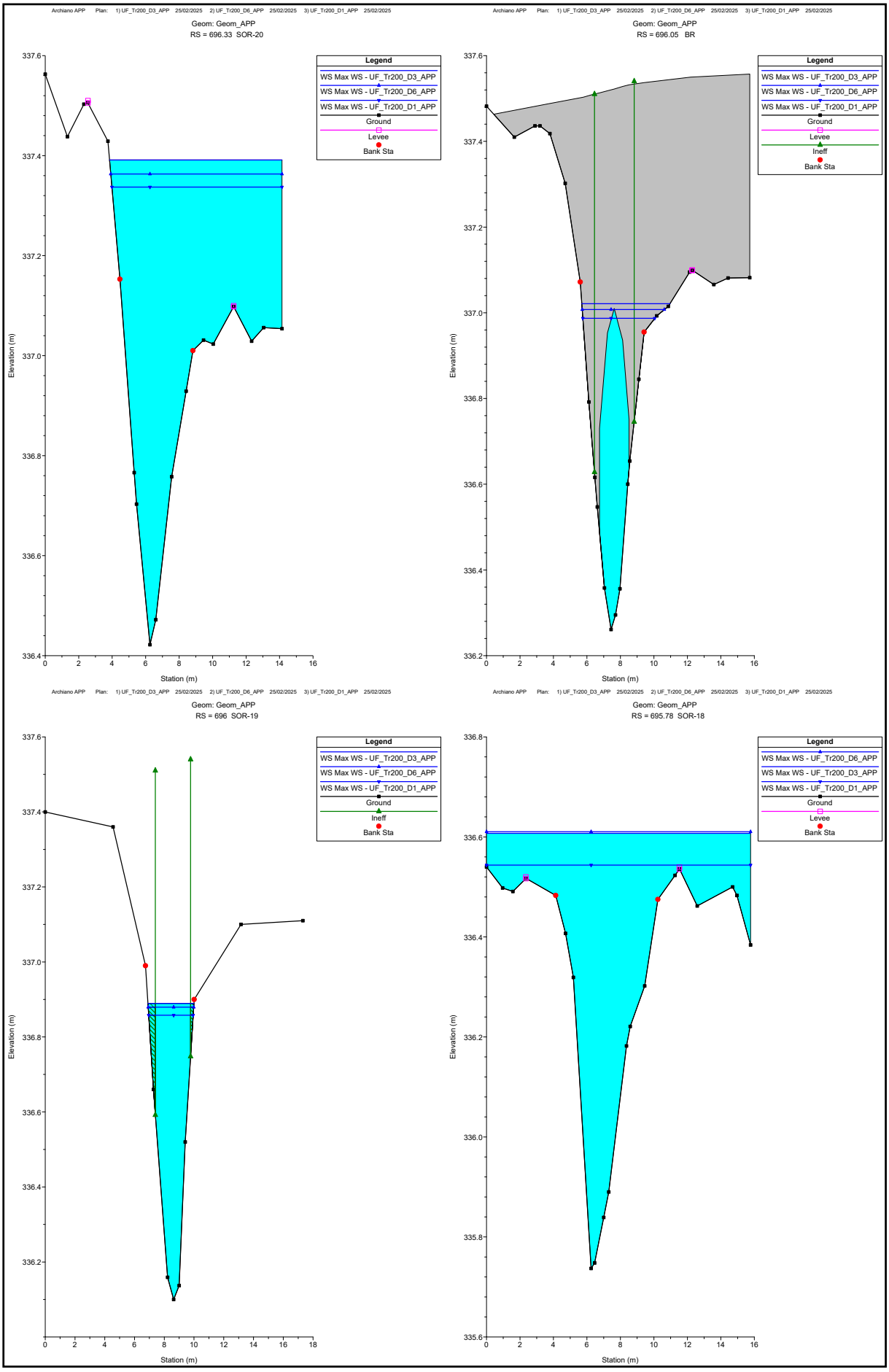
Geom: Geom_APP
RS = 697 SOR-21
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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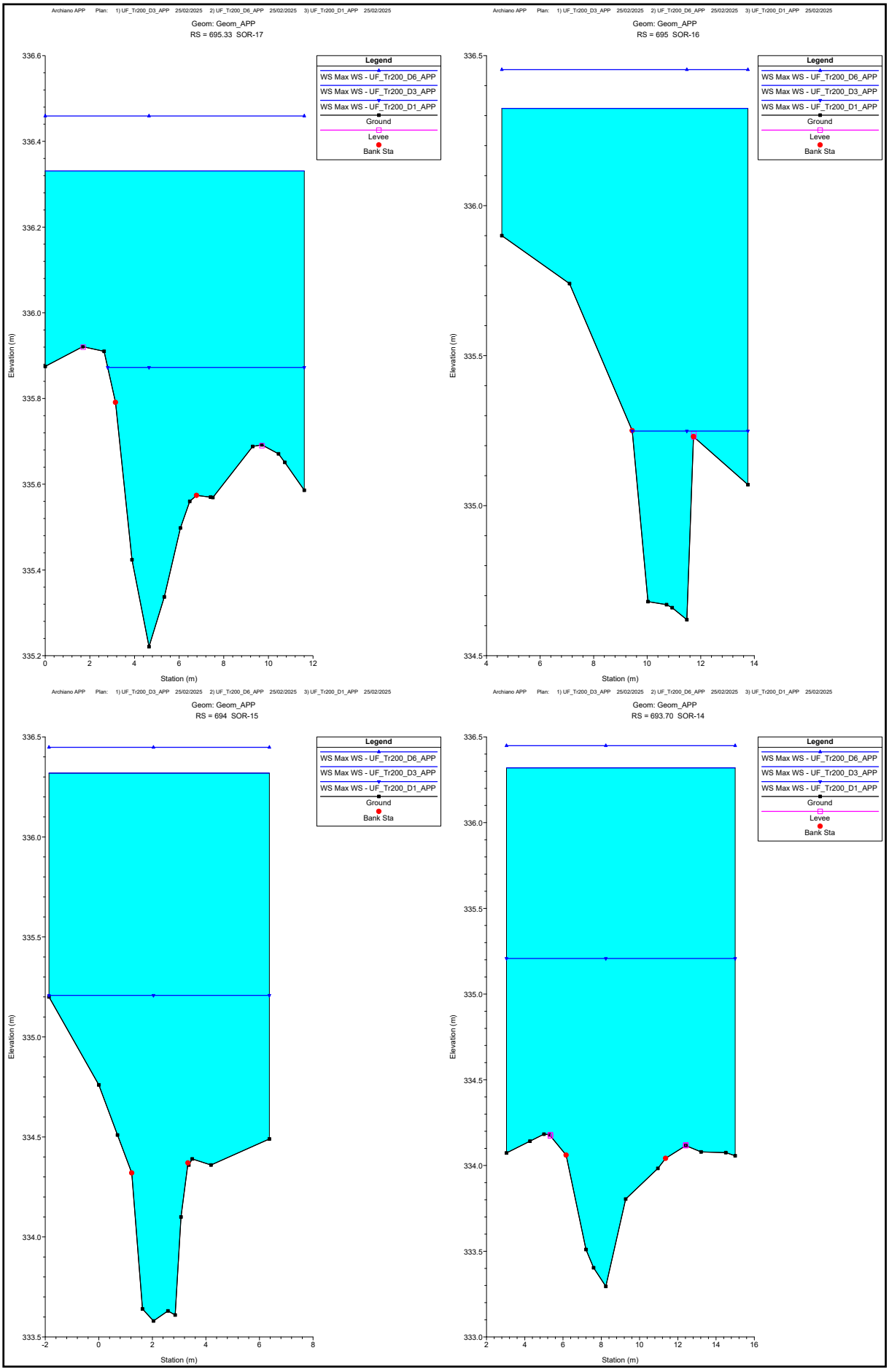
Geom: Geom_APP
RS = 696.33 SOR-20
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 696.05 BR
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Ineff
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 696 SOR-19
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Ineff
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 695.78 SOR-18
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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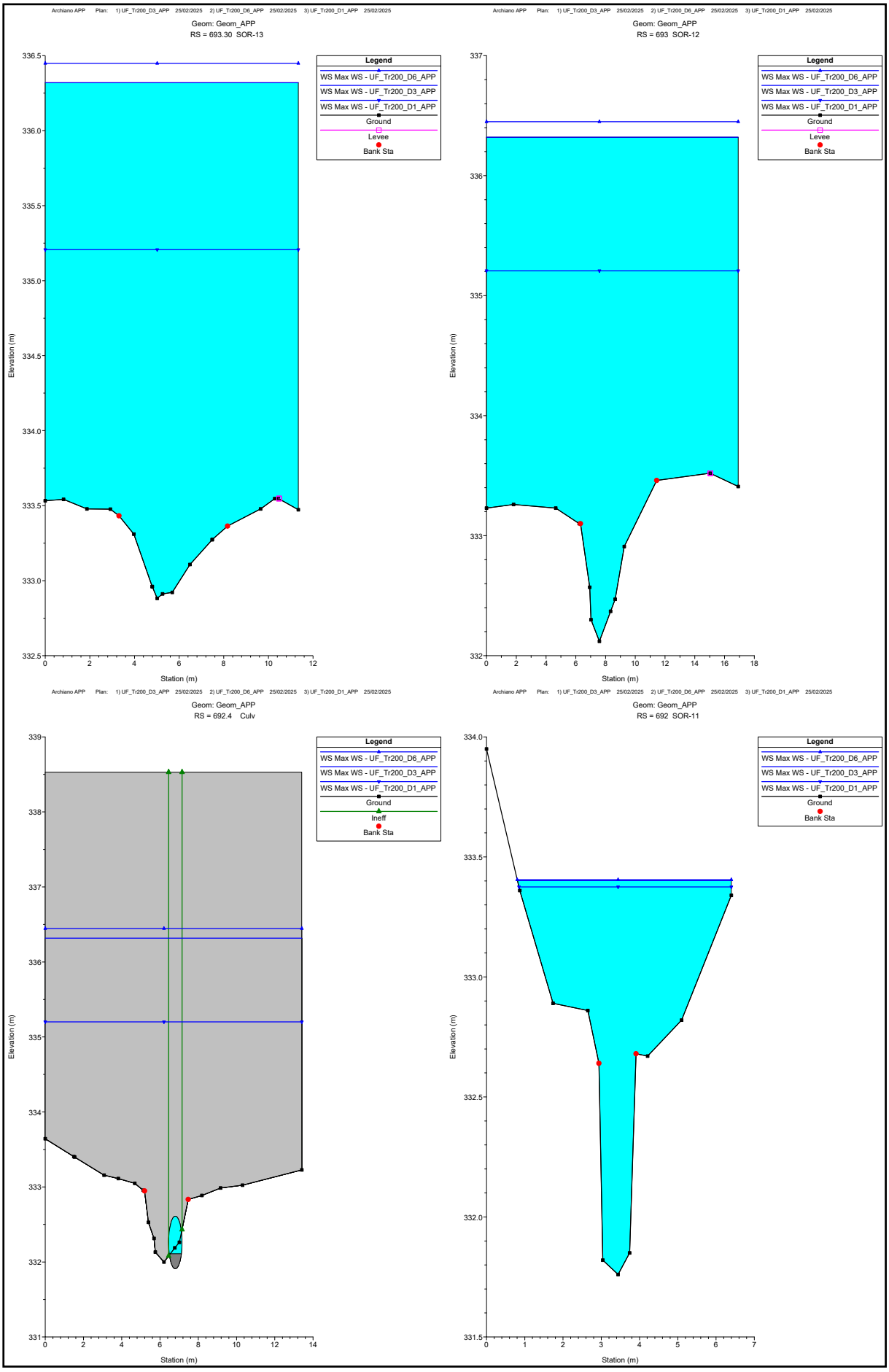
Geom: Geom_APP
RS = 695.33 SOR-17
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 695 SOR-16
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 694 SOR-15
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 693.70 SOR-14
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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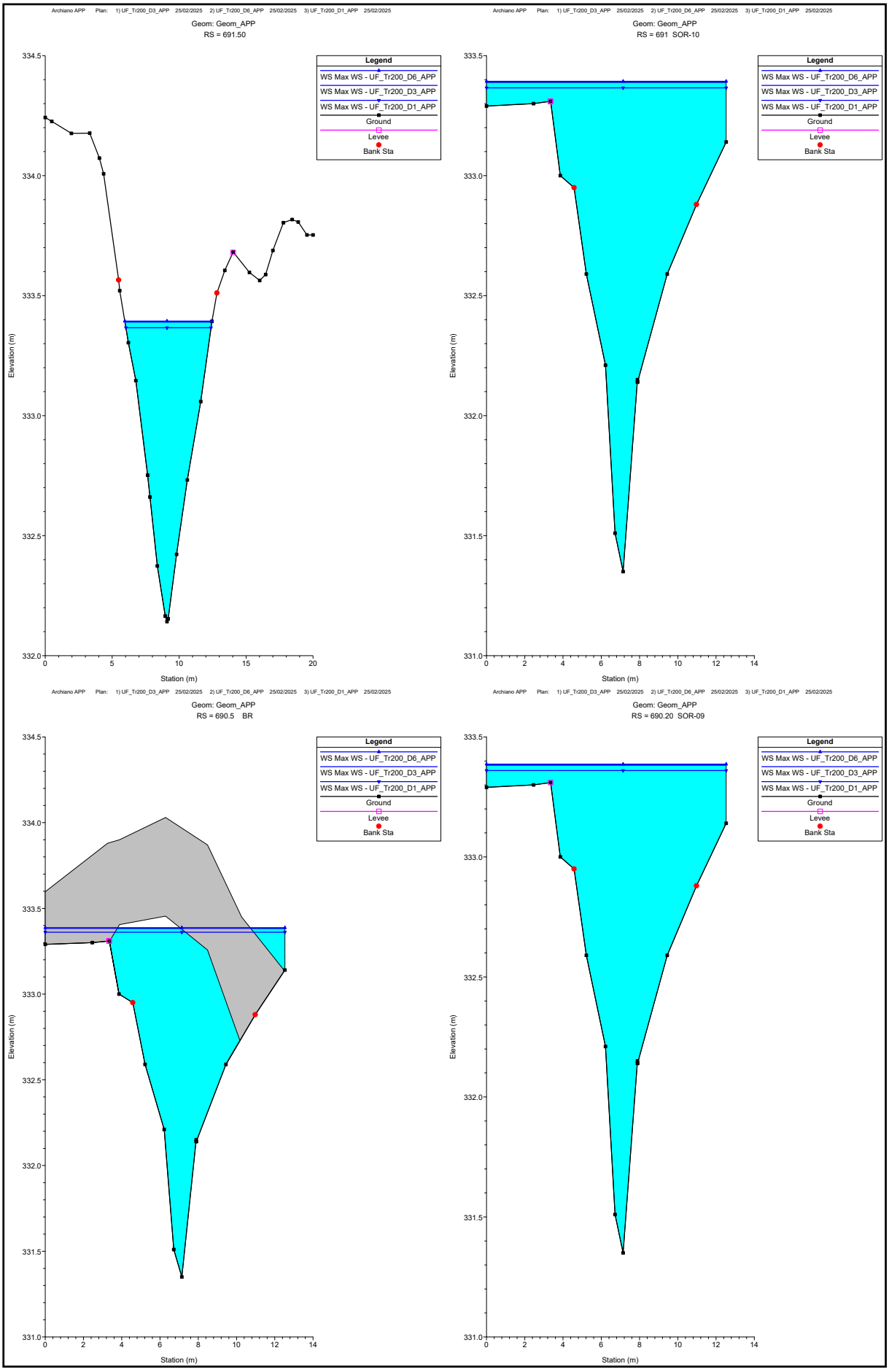
Geom: Geom_APP
RS = 693.30 SOR-13
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 693 SOR-12
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 692.4 Culv
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Ineff
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 692 SOR-11
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)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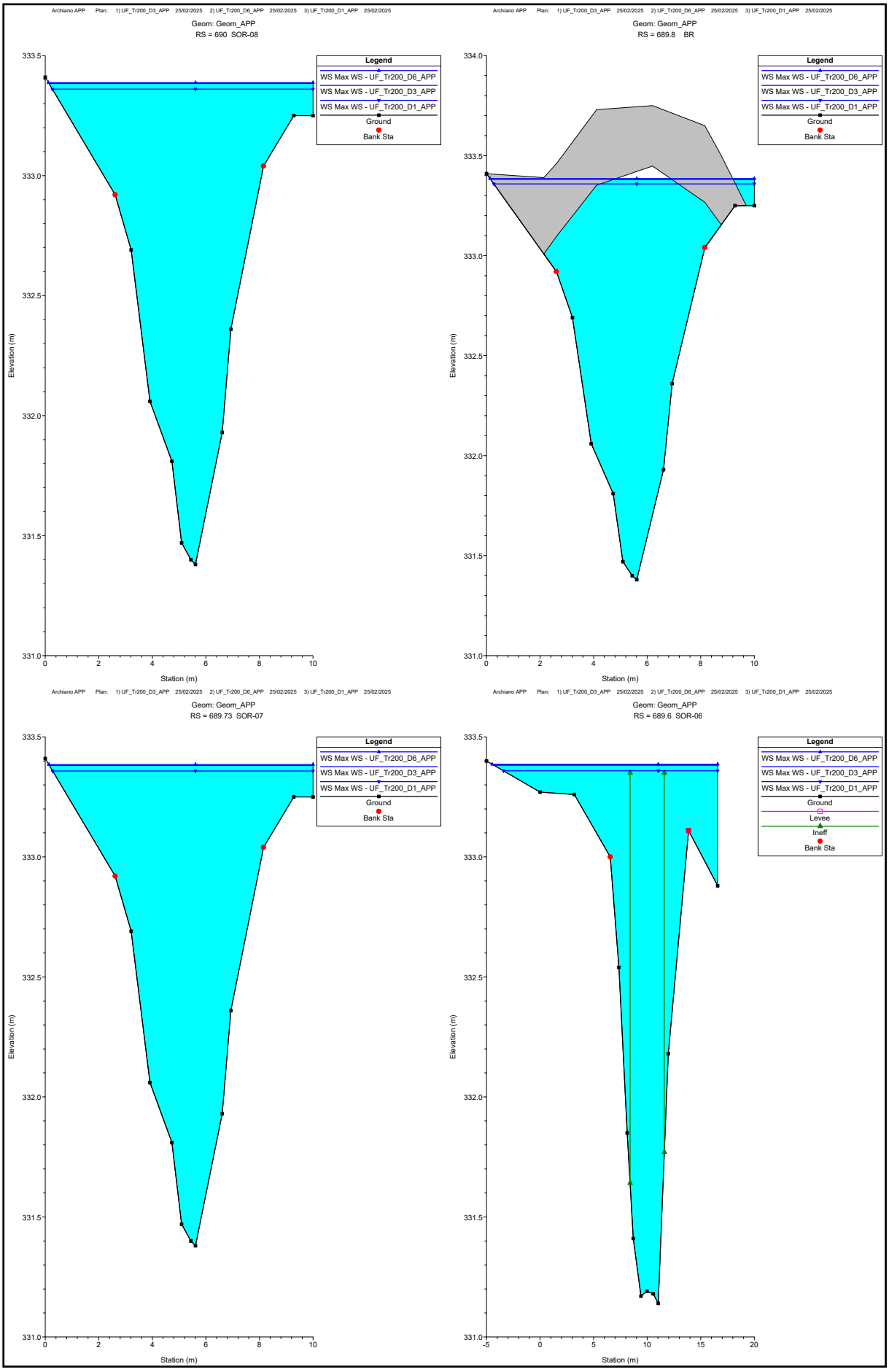
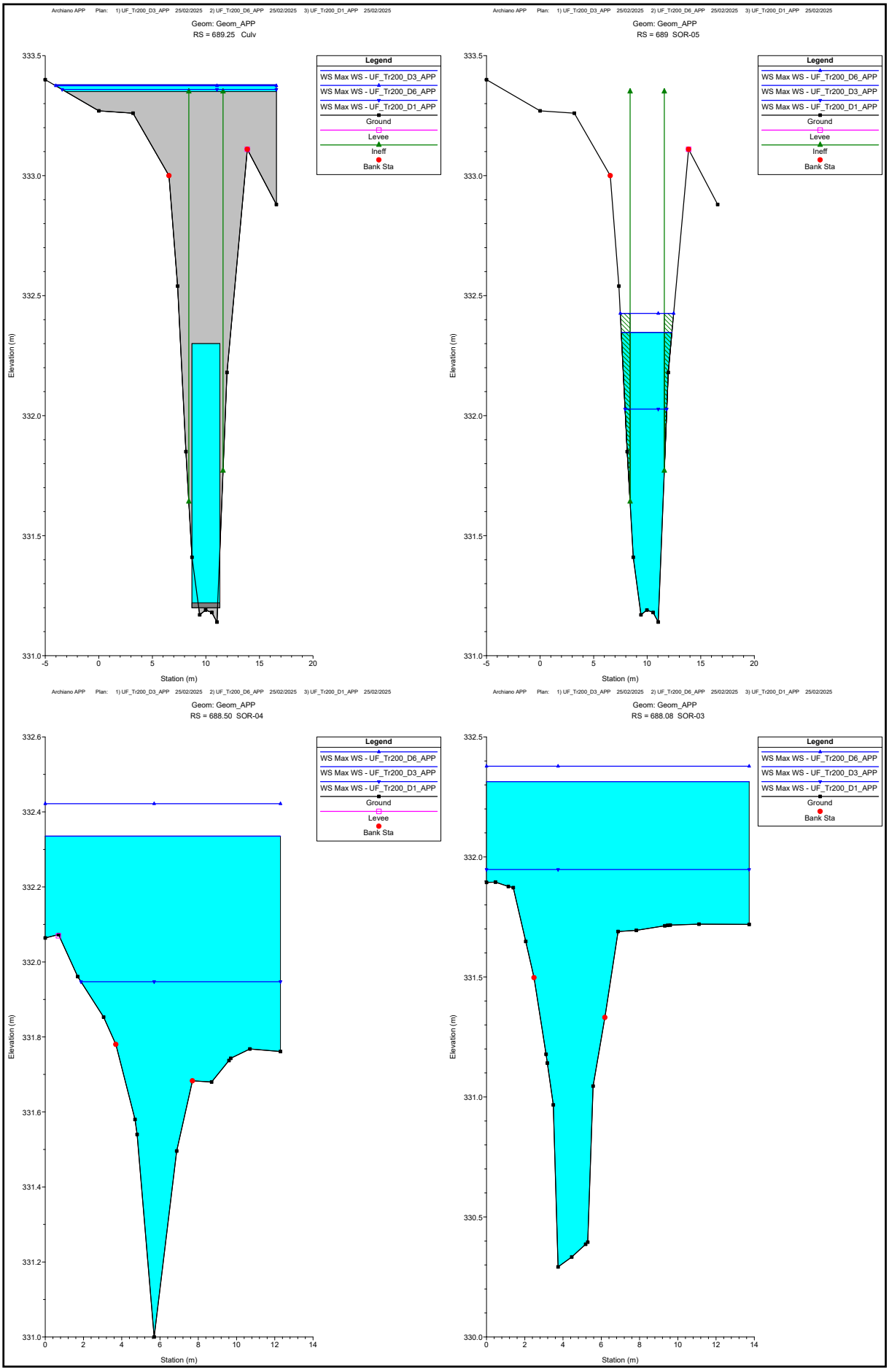
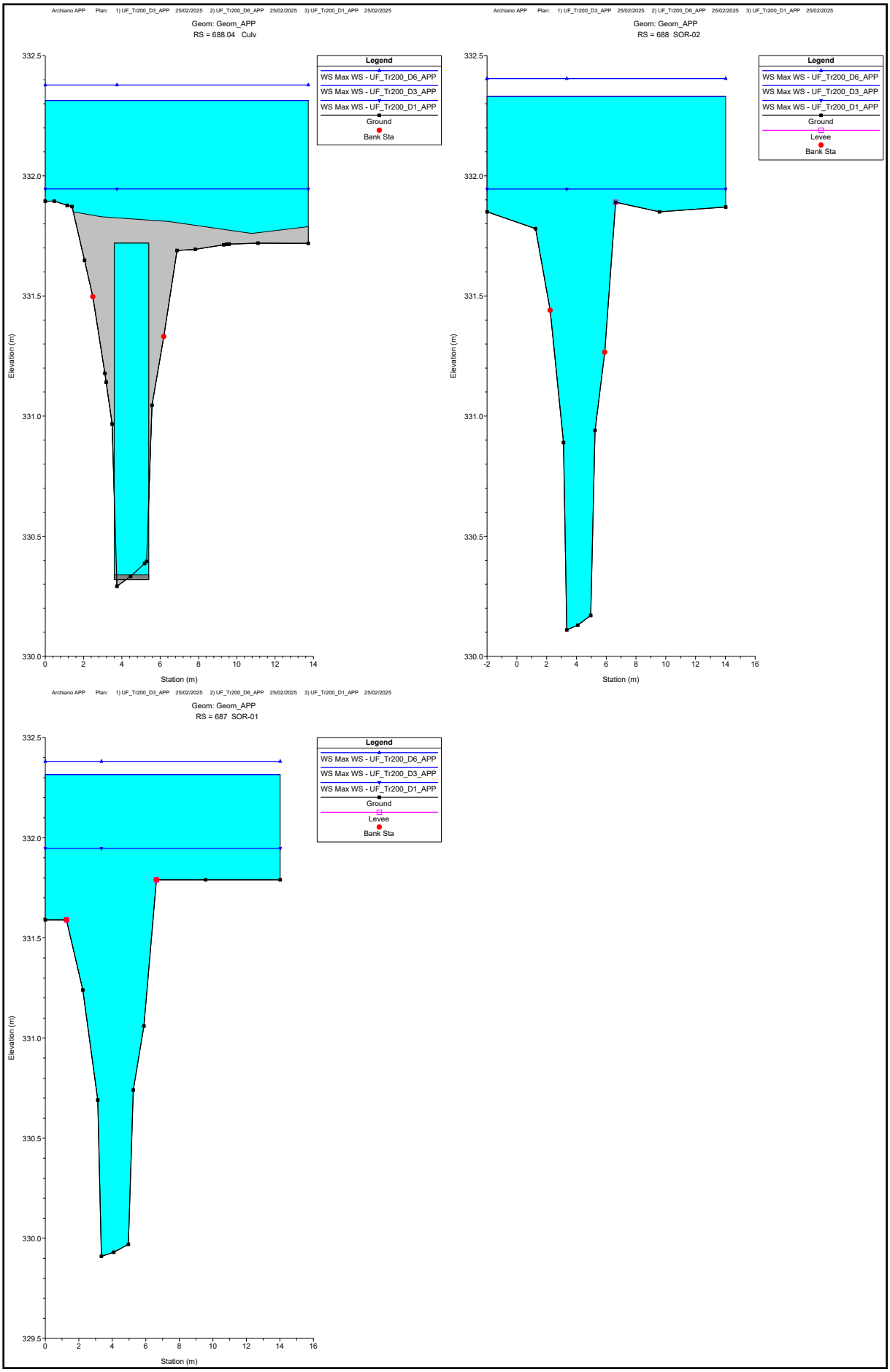
Geom: Geom_APP
RS = 691.50
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 691 SOR-10
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 690.5 BR
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 690.20 SOR-09
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)


Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 690 SOR-08
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 689.8 BR
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 689.73 SOR-07
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 689.6 SOR-06
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Ineff
Bank Sta
Elevation (m)
Station (m)


Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 689.25 Culv
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Ineff
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 689 SOR-05
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Ineff
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 688.50 SOR-04
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 688.08 SOR-03
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)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Geom: Geom_APP
RS = 688.04 Culv
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 688 SOR-02
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr200_D3_APP 25/02/2025 2) UF_Tr200_D6_APP 25/02/2025 3) UF_Tr200_D1_APP 25/02/2025
Geom: Geom_APP
RS = 687 SOR-01
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)

ALLEGATI

MODELLAZIONE HEC-RAS 6.3.1 "ARCHIANO APP"

SORRASA (AV5449)

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 1, 3 e 6 h

Dati idraulici

HEC-RAS River: AV5449 Reach: AV5449 Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
AV5449	999	Max WS	UF_Tr200_D3_APP	1.14	367.68	368.03		368.10	0.011274	1.17	0.26		1.07	5.90	0.76
AV5449	999	Max WS	UF_Tr200_D6_APP	0.73	367.68	367.96		368.02	0.013714	1.07	0.11		0.69	4.15	0.80
AV5449	999	Max WS	UF_Tr200_D1_APP	1.52	367.68	368.07	368.05	368.16	0.012084	1.31	0.37	0.13	1.32	7.45	0.80
AV5449	998.99			Lat Struct											
AV5449	998.98			Lat Struct											
AV5449	995	Max WS	UF_Tr200_D3_APP	1.06	366.93	367.44		367.53	0.013380	1.32		0.16	0.81	3.59	0.82
AV5449	995	Max WS	UF_Tr200_D6_APP	0.73	366.93	367.40		367.46	0.011051	1.10			0.66	2.82	0.73
AV5449	995	Max WS	UF_Tr200_D1_APP	1.15	366.93	367.45		367.55	0.013973	1.38	0.05	0.18	0.85	3.82	0.84
AV5449	990	Max WS	UF_Tr200_D3_APP	1.06	366.28	366.71		366.82	0.016355	1.45			0.73	2.73	0.90
AV5449	990	Max WS	UF_Tr200_D6_APP	0.73	366.28	366.62	366.62	366.73	0.021848	1.46			0.50	2.33	1.01
AV5449	990	Max WS	UF_Tr200_D1_APP	1.15	366.28	366.73		366.84	0.015665	1.46			0.79	2.83	0.88
AV5449	985	Max WS	UF_Tr200_D3_APP	1.06	365.38	366.32		366.34	0.001394	0.61	0.05	0.02	1.76	5.22	0.28
AV5449	985	Max WS	UF_Tr200_D6_APP	0.73	365.38	366.10		366.13	0.002629	0.70			1.04	2.69	0.36
AV5449	985	Max WS	UF_Tr200_D1_APP	1.12	365.38	366.36		366.38	0.001226	0.60	0.08	0.05	2.00	7.27	0.26
AV5449	983			Culvert											
AV5449	980	Max WS	UF_Tr200_D3_APP	1.06	365.28	365.79	365.82	365.98	0.029828	1.92			0.55	1.95	1.16
AV5449	980	Max WS	UF_Tr200_D6_APP	0.73	365.28	365.71	365.74	365.88	0.031155	1.79			0.41	1.69	1.16
AV5449	980	Max WS	UF_Tr200_D1_APP	1.12	365.28	365.80	365.84	366.00	0.030340	1.97			0.57	1.99	1.17
AV5449	975	Max WS	UF_Tr200_D3_APP	1.06	364.39	364.90		364.93	0.006058	0.86			1.23	4.97	0.55
AV5449	975	Max WS	UF_Tr200_D6_APP	0.73	364.39	364.83		364.86	0.005505	0.79			0.93	4.00	0.52
AV5449	975	Max WS	UF_Tr200_D1_APP	1.12	364.39	364.92		364.95	0.005633	0.84			1.33	5.26	0.53
AV5449	970	Max WS	UF_Tr200_D3_APP	1.25	363.80	364.26	364.30	364.39	0.020548	1.64	0.34		0.96	7.24	1.01
AV5449	970	Max WS	UF_Tr200_D6_APP	0.86	363.80	364.21	364.24	364.32	0.018867	1.46	0.13		0.63	5.89	0.95
AV5449	970	Max WS	UF_Tr200_D1_APP	1.51	363.80	364.30	364.32	364.42	0.019104	1.68	0.45		1.19	7.30	0.99
AV5449	969.99			Lat Struct											
AV5449	965	Max WS	UF_Tr200_D3_APP	1.23	363.27	363.74		363.76	0.002796	0.76	0.32	0.24	2.46	9.32	0.40
AV5449	965	Max WS	UF_Tr200_D6_APP	0.89	363.27	363.69		363.70	0.002849	0.69	0.28	0.21	1.96	9.15	0.40
AV5449	965	Max WS	UF_Tr200_D1_APP	1.42	363.27	363.77		363.79	0.002710	0.79	0.35	0.26	2.75	9.42	0.40
AV5449	960	Max WS	UF_Tr200_D3_APP	1.36	362.94	363.47	363.48	363.60	0.018057	1.59	0.30		0.94	4.95	0.95
AV5449	960	Max WS	UF_Tr200_D6_APP	0.98	362.94	363.42	363.39	363.52	0.015598	1.40	0.17		0.72	3.62	0.87
AV5449	960	Max WS	UF_Tr200_D1_APP	1.58	362.94	363.49	363.52	363.63	0.019421	1.69	0.35		1.06	5.55	0.99
AV5449	959.99			Lat Struct											
AV5449	950	Max WS	UF_Tr200_D3_APP	1.19	362.23	362.79		362.85	0.009418	1.08	0.06		1.11	5.24	0.69
AV5449	950	Max WS	UF_Tr200_D6_APP	1.01	362.23	362.77		362.82	0.008867	1.02			1.00	4.12	0.66
AV5449	950	Max WS	UF_Tr200_D1_APP	1.25	362.23	362.80		362.86	0.009983	1.11	0.07		1.13	5.53	0.71
AV5449	940	Max WS	UF_Tr200_D3_APP	1.35	361.60	362.02	362.04	362.17	0.022897	1.73		0.23	0.80	3.59	1.07
AV5449	940	Max WS	UF_Tr200_D6_APP	1.13	361.60	361.99	362.00	362.13	0.024168	1.66		0.12	0.68	3.12	1.09
AV5449	940	Max WS	UF_Tr200_D1_APP	1.43	361.60	362.03	362.07	362.19	0.022846	1.77		0.25	0.83	3.74	1.08
AV5449	930	Max WS	UF_Tr200_D3_APP	1.54	360.52	361.18		361.28	0.011997	1.39		0.03	1.10	3.49	0.79
AV5449	930	Max WS	UF_Tr200_D6_APP	1.25	360.52	361.14		361.22	0.011317	1.30			0.96	3.20	0.76
AV5449	930	Max WS	UF_Tr200_D1_APP	1.70	360.52	361.20		361.31	0.012137	1.44		0.10	1.18	3.71	0.80
AV5449	925	Max WS	UF_Tr200_D3_APP	0.85	360.18	360.94		360.95	0.001521	0.59	0.16	0.12	2.02	9.95	0.29
AV5449	925	Max WS	UF_Tr200_D6_APP	0.58	360.18	360.91		360.92	0.000909	0.45	0.11	0.08	1.79	9.53	0.22
AV5449	925	Max WS	UF_Tr200_D1_APP	0.95	360.18	360.96		360.97	0.001606	0.62	0.18	0.13	2.19	10.24	0.30
AV5449	923			Culvert											
AV5449	920	Max WS	UF_Tr200_D3_APP	0.85	360.00	360.50	360.47	360.60	0.016064	1.44		0.26	0.61	2.71	0.87
AV5449	920	Max WS	UF_Tr200_D6_APP	0.58	360.00	360.45		360.52	0.012187	1.19		0.15	0.50	2.26	0.75
AV5449	920	Max WS	UF_Tr200_D1_APP	0.95	360.00	360.51	360.50	360.63	0.017127	1.52		0.29	0.66	2.87	0.90
AV5449	915	Max WS	UF_Tr200_D3_APP	0.70	359.44	359.87		359.91	0.010927	1.07	0.28	0.34	1.11	10.84	0.71
AV5449	915	Max WS	UF_Tr200_D6_APP	0.61	359.44	359.85	359.83	359.89	0.012481	1.08	0.30	0.33	0.91	9.01	0.75
AV5449	915	Max WS	UF_Tr200_D1_APP	0.76	359.44	359.88		359.92	0.010034	1.07	0.27	0.34	1.26	12.01	0.69
AV5449	910	Max WS	UF_Tr200_D3_APP	1.52	358.62	359.21	359.23	359.41	0.024448	1.96			0.78	2.39	1.10
AV5449	910	Max WS	UF_Tr200_D6_APP	1.09	358.62	359.14	359.15	359.30	0.023746	1.78			0.61	2.13	1.06
AV5449	910	Max WS	UF_Tr200_D1_APP	1.76	358.62	359.24	359.26	359.46	0.024743	2.04			0.86	2.51	1.11
AV5449	909.99			Lat Struct											
AV5449	909.98			Lat Struct											
AV5449	905	Max WS	UF_Tr200_D3_APP	2.03	357.97	358.46		358.51	0.006053	1.03		0.25	2.16	9.01	0.58
AV5449	905	Max WS	UF_Tr200_D6_APP	1.35	357.97	358.40		358.43	0.005519	0.87		0.23	1.65	7.39	0.54
AV5449	905	Max WS	UF_Tr200_D1_APP	2.38	357.97	358.49		358.55	0.006193	1.10	0.03	0.31	2.43	9.20	0.59
AV5449	903	Max WS	UF_Tr200_D3_APP	1.81	357.41	358.31		358.36	0.003449	1.09	0.15	0.33	2.54	11.00	0.45
AV5449	903	Max WS	UF_Tr200_D6_APP	1.30	357.41	358.26		358.30	0.002752	0.92	0.15	0.24	1.99	7.90	0.39
AV5449	903	Max WS	UF_Tr200_D1_APP	2.03	357.41	358.34		358.39	0.003526	1.13	0.19	0.36	2.82	11.00	0.46
AV5449	901			Culvert											
AV5449	900	Max WS	UF_Tr200_D3_APP	1.80	357.31	358.01	358.03	358.21	0.019860	2.00		0.49	0.96	2.96	1.00
AV5449	900	Max WS	UF_Tr200_D6_APP	1.33	357.31	357.94	357.93	358.10	0.018460	1.78		0.36	0.77	2.57	0.95
AV5449	900	Max WS	UF_Tr200_D1_APP	2.03	357.31	358.03	358.05	358.25	0.020112	2.09	0.08	0.54	1.04	3.20	1.02
AV5449	890	Max WS	UF_Tr200_D3_APP	2.46	356.82	357.31	357.31	357.40	0.015870	1.39	0.26	0.30	1.99	12.97	0.90
AV5449	890	Max WS	UF_Tr200_D6_APP	1.63	356.82	357.26	357.24	357.33	0.016127	1.20	0.16	0.16	1.41	9.78	0.87
AV5449	890	Max WS	UF_Tr200_D1_APP	2.83	356.82	357.33	357.33	357.43	0.014975	1.44	0.34	0.28	2.30	14.40	0.89
AV5449	880	Max WS	UF_Tr200_D3_APP	2.36	356.33	356.98		357.04	0.006929	1.41	0.59	0.58	2.97	9.00	0.63
AV5449	880	Max WS	UF_Tr200_D6_APP	1.73	356.33	356.94		356.98	0.005545	1.20	0.48	0.47	2.59	9.00	0.55
AV5449	880	Max WS	UF_Tr200_D1_APP	2.63	356.33	357.01		357.07	0.006808	1.45	0.62	0.61	3.22	9.00	0.63
AV5449	870	Max WS	UF_Tr200_D3_APP	2.66	356.15	356.59	356.61	356.71	0.020982	1.74	0.29	0.73	2.12	10.94	1.05
AV5449	870	Max WS	UF_Tr200_D6_APP	2.05	356.15	356.56	356.57	356.66	0.021002	1.60	0.20	0.63	1.76	10.36	1.03
AV5449	870	Max WS	UF_Tr200_D1_APP	3.06	356.15	356.61	356.63	356.75	0.021549	1.85	0.34	0.79	2.33	11.26	1.08
AV5449	860	Max WS	UF_Tr200_D3_APP	0.31	355.36	355.79		355.82	0.009874	0.91	0.04	0.26	0.49	4.63	0.62
AV5449	860	Max WS	UF_Tr200_D6_APP	0.24	355.36	355.76		355.80	0.009473	0.85		0.22	0.39	3.91	0.60

HEC-RAS River: AV5449 Reach: AV5449 Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
AV5449	860	Max WS	UF_Tr200_D1_APP	0.37	355.36	355.81		355.85	0.009434	0.93	0.10	0.28	0.61	5.38	0.62
AV5449	855			Culvert											
AV5449	850	Max WS	UF_Tr200_D3_APP	0.30	355.16	355.57		355.60	0.009890	0.88		0.30	0.52	4.46	0.62
AV5449	850	Max WS	UF_Tr200_D6_APP	0.24	355.16	355.53		355.57	0.013858	0.97		0.29	0.35	3.47	0.72
AV5449	850	Max WS	UF_Tr200_D1_APP	0.37	355.16	355.60		355.63	0.009731	0.92	0.06	0.33	0.63	5.02	0.62
AV5449	700	Max WS	UF_Tr200_D3_APP	2.07	354.73	355.25	355.26	355.35	0.010899	1.51	0.38	0.36	2.06	12.24	0.79
AV5449	700	Max WS	UF_Tr200_D6_APP	1.61	354.73	355.21	355.22	355.30	0.011395	1.43	0.29	0.25	1.56	11.95	0.79
AV5449	700	Max WS	UF_Tr200_D1_APP	2.39	354.73	355.27	355.28	355.38	0.010991	1.57	0.43	0.41	2.33	12.24	0.80
AV5449	699.9			Lat Struct											
AV5449	699.8			Lat Struct											
AV5449	699	Max WS	UF_Tr200_D3_APP	2.91	353.72	354.43	354.45	354.56	0.010945	1.82	0.42	0.52	2.64	11.47	0.79
AV5449	699	Max WS	UF_Tr200_D6_APP	2.26	353.72	354.38	354.40	354.51	0.011559	1.74	0.36	0.41	2.02	10.87	0.80
AV5449	699	Max WS	UF_Tr200_D1_APP	3.40	353.72	354.47	354.49	354.60	0.010913	1.90	0.35	0.59	3.12	14.07	0.80
AV5449	698.80	Max WS	UF_Tr200_D3_APP	3.81	351.97	352.92	352.99	353.32	0.024424	2.80	0.18	0.68	1.44	2.86	1.14
AV5449	698.80	Max WS	UF_Tr200_D6_APP	2.64	351.97	352.80	352.85	353.10	0.024404	2.45		0.47	1.10	2.51	1.11
AV5449	698.80	Max WS	UF_Tr200_D1_APP	4.68	351.97	353.00	353.10	353.46	0.024926	3.04	0.30	0.80	1.65	3.07	1.17
AV5449	698.77	Max WS	UF_Tr200_D3_APP	3.89	351.58	352.55	352.55	352.77	0.014811	2.09	0.37		2.08	6.93	0.89
AV5449	698.77	Max WS	UF_Tr200_D6_APP	2.69	351.58	352.44	352.38	352.61	0.013826	1.85	0.16		1.48	3.90	0.84
AV5449	698.77	Max WS	UF_Tr200_D1_APP	4.77	351.58	352.62	352.67	352.86	0.015232	2.23	0.44		2.60	9.86	0.92
AV5449	698.70	Max WS	UF_Tr200_D3_APP	3.96	351.04	352.03		352.11	0.005931	1.33	0.37		3.48	9.90	0.60
AV5449	698.70	Max WS	UF_Tr200_D6_APP	2.79	351.04	351.92		352.00	0.006457	1.24	0.20		2.46	9.65	0.61
AV5449	698.70	Max WS	UF_Tr200_D1_APP	4.74	351.04	352.08		352.17	0.006072	1.42	0.45		3.98	10.02	0.61
AV5449	698.67	Max WS	UF_Tr200_D3_APP	3.84	350.75	351.72	351.84	352.13	0.025431	3.15	1.25	0.94	1.68	3.63	1.15
AV5449	698.67	Max WS	UF_Tr200_D6_APP	2.83	350.75	351.61	351.69	351.96	0.025356	2.84	1.09	0.81	1.32	3.25	1.12
AV5449	698.67	Max WS	UF_Tr200_D1_APP	4.36	350.75	351.77	351.88	352.21	0.025765	3.30	1.32	1.01	1.86	3.80	1.17
AV5449	698.57	Max WS	UF_Tr200_D3_APP	4.28	349.42	350.38		350.61	0.012152	2.15		0.46	2.05	3.47	0.83
AV5449	698.57	Max WS	UF_Tr200_D6_APP	2.97	349.42	350.23		350.42	0.012388	1.91		0.28	1.57	3.12	0.83
AV5449	698.57	Max WS	UF_Tr200_D1_APP	5.10	349.42	350.46		350.72	0.012148	2.28		0.54	2.34	3.67	0.84
AV5449	698.40	Max WS	UF_Tr200_D3_APP	5.05	347.83	349.08		349.34	0.013809	2.24	0.47		2.30	3.60	0.86
AV5449	698.40	Max WS	UF_Tr200_D6_APP	3.50	347.83	348.93		349.13	0.013357	1.97	0.29		1.78	3.16	0.82
AV5449	698.40	Max WS	UF_Tr200_D1_APP	6.03	347.83	349.17		349.45	0.014000	2.37	0.55		2.61	3.84	0.88
AV5449	698.30	Max WS	UF_Tr200_D3_APP	5.27	347.01	348.26		348.46	0.010288	2.02	0.36		2.65	4.19	0.77
AV5449	698.30	Max WS	UF_Tr200_D6_APP	3.63	347.01	348.10		348.26	0.009879	1.77	0.16		2.06	3.62	0.74
AV5449	698.30	Max WS	UF_Tr200_D1_APP	6.29	347.01	348.34	348.21	348.57	0.010501	2.14	0.29		3.12	7.96	0.79
AV5449	698.20	Max WS	UF_Tr200_D3_APP	5.49	346.61	347.52	347.59	347.85	0.023332	2.54			2.16	4.48	1.17
AV5449	698.20	Max WS	UF_Tr200_D6_APP	3.77	346.61	347.38	347.43	347.66	0.023515	2.35			1.61	3.74	1.14
AV5449	698.20	Max WS	UF_Tr200_D1_APP	6.55	346.61	347.59	347.66	347.94	0.023359	2.62			2.50	4.97	1.18
AV5449	698.13	Max WS	UF_Tr200_D3_APP	5.60	345.66	346.59	346.64	346.87	0.021320	2.37	0.52	0.06	2.52	6.86	1.11
AV5449	698.13	Max WS	UF_Tr200_D6_APP	3.87	345.66	346.48	346.50	346.71	0.019744	2.12			1.83	4.41	1.05
AV5449	698.13	Max WS	UF_Tr200_D1_APP	6.56	345.66	346.63	346.72	346.94	0.020955	2.50	0.63	0.21	2.85	7.51	1.12
AV5449	698.07	Max WS	UF_Tr200_D3_APP	5.78	345.09	345.72	345.84	346.08	0.038521	2.67			2.17	6.47	1.47
AV5449	698.07	Max WS	UF_Tr200_D6_APP	3.96	345.09	345.60	345.72	345.98	0.052499	2.75			1.44	5.19	1.67
AV5449	698.07	Max WS	UF_Tr200_D1_APP	6.89	345.09	345.78	345.87	346.14	0.033866	2.66	0.03	0.38	2.68	9.47	1.40
AV5449	698.02	Max WS	UF_Tr200_D3_APP	5.58	343.66	345.40		345.48	0.001017	1.26			4.44	8.97	0.31
AV5449	698.02	Max WS	UF_Tr200_D6_APP	4.03	343.66	345.12		345.18	0.000997	1.10			3.67	5.55	0.30
AV5449	698.02	Max WS	UF_Tr200_D1_APP	6.14	343.66	345.51		345.53	0.000594	0.76	0.18	0.10	8.78	10.26	0.21
AV5449	698.01			Culvert											
AV5449	698	Max WS	UF_Tr200_D3_APP	5.58	343.19	344.32		344.53	0.004671	2.02			2.77	4.30	0.62
AV5449	698	Max WS	UF_Tr200_D6_APP	4.03	343.19	344.12		344.28	0.004970	1.80			2.24	4.01	0.62
AV5449	698	Max WS	UF_Tr200_D1_APP	6.13	343.19	344.44		344.64	0.003964	1.99			3.08	4.47	0.58
AV5449	697.79	Max WS	UF_Tr200_D3_APP	6.16	342.30	343.67		343.84	0.006992	1.82	0.35		3.57	5.87	0.66
AV5449	697.79	Max WS	UF_Tr200_D6_APP	4.31	342.30	343.57		343.68	0.005221	1.47	0.20		2.96	4.62	0.56
AV5449	697.79	Max WS	UF_Tr200_D1_APP	6.94	342.30	343.72		343.90	0.007272	1.92	0.43	0.03	3.86	5.94	0.67
AV5449	697.65	Max WS	UF_Tr200_D3_APP	3.21	342.30	343.14		343.18	0.002547	1.01	0.51	0.33	4.75	9.64	0.41
AV5449	697.65	Max WS	UF_Tr200_D6_APP	2.96	342.30	342.89		343.01	0.015543	1.77	0.88		2.25	6.94	0.93
AV5449	697.65	Max WS	UF_Tr200_D1_APP	3.55	342.30	343.22		343.25	0.002007	0.97	0.49	0.33	5.49	9.64	0.37
AV5449	697.6			Lat Struct											
AV5449	697.59			Lat Struct											
AV5449	697.50	Max WS	UF_Tr200_D3_APP	4.42	340.32	343.11		343.11	0.000053	0.27	0.06	0.05	17.14	13.29	0.07
AV5449	697.50	Max WS	UF_Tr200_D6_APP	3.77	340.32	342.56		342.57	0.000149	0.35	0.03	0.03	10.76	10.28	0.11
AV5449	697.50	Max WS	UF_Tr200_D1_APP	4.51	340.32	343.19		343.19	0.000046	0.26	0.06	0.05	18.29	13.87	0.06
AV5449	697.45			Culvert											
AV5449	697.40	Max WS	UF_Tr200_D3_APP	4.42	337.42	338.28		338.37	0.005555	1.39			3.17	5.62	0.59
AV5449	697.40	Max WS	UF_Tr200_D6_APP	3.77	337.42	338.19		338.29	0.006073	1.39			2.72	5.23	0.61
AV5449	697.40	Max WS	UF_Tr200_D1_APP	4.51	337.42	338.29		338.39	0.005544	1.40			3.22	5.68	0.59
AV5449	697.39			Lat Struct											
AV5449	697.38			Lat Struct											
AV5449	697.30	Max WS	UF_Tr200_D3_APP	4.42	337.13	338.17	337.99	338.38	0.009282	2.00	0.19		2.22	2.73	0.70
AV5449	697.30	Max WS	UF_Tr200_D6_APP	3.77	337.13	338.10	337.92	338.28	0.009090	1.89	0.16		2.01	2.69	0.69
AV5449	697.30	Max WS	UF_Tr200_D1_APP	4.51	337.13	338.18	338.00	338.39	0.009302	2.02	0.19		2.25	2.74	0.70
AV5449	697.25			Bridge											
AV5449	697.20	Max WS	UF_Tr200_D3_APP	4.41	337.13	337.97	337.99	338.33	0.021943	2.66	0.15		1.66	2.62	1.06
AV5449	697.20	Max WS	UF_Tr200_D6_APP	3.77	337.13	337.91	337.92	338.23	0.021647	2.51	0.10		1.50	2.59	1.05
AV5449	697.20	Max WS	UF_Tr200_D1_APP	4.51	337.13	337.97	338.00	338.34	0.022253	2.69	0.16		1.68	2.62	1.07
AV5449	697	Max WS	UF_Tr200_D3_APP	4.29	336.52	337.57		337.75	0.009604	1.95	0.10	0.60	2.63	5.92	0.73
AV5449	697	Max WS	UF_Tr200_D6_APP	3.73	336.52	337.53		337.69	0.009379	1.85		0.52	2.37	5.29	0.72

HEC-RAS River: AV5449 Reach: AV5449 Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
AV5449	697	Max WS	UF_Tr200_D1_APP	4.41	336.52	337.56	337.52	337.76	0.010930	2.06	0.08	0.61	2.55	5.65	0.78
AV5449	696.33	Max WS	UF_Tr200_D3_APP	3.49	336.42	337.39		337.43	0.002264	0.99	0.18	0.37	4.73	10.30	0.39
AV5449	696.33	Max WS	UF_Tr200_D6_APP	3.20	336.42	337.36		337.40	0.002262	0.96	0.17	0.35	4.44	10.23	0.39
AV5449	696.33	Max WS	UF_Tr200_D1_APP	3.29	336.42	337.34		337.38	0.002832	1.04	0.17	0.37	4.17	10.16	0.43
AV5449	696.05			Bridge											
AV5449	696	Max WS	UF_Tr200_D3_APP	2.64	336.10	336.89		337.09	0.012144	1.97			1.34	3.09	0.84
AV5449	696	Max WS	UF_Tr200_D6_APP	2.55	336.10	336.88		337.07	0.012010	1.94			1.32	3.06	0.83
AV5449	696	Max WS	UF_Tr200_D1_APP	2.51	336.10	336.86		337.06	0.013212	1.98			1.27	2.99	0.87
AV5449	695.78	Max WS	UF_Tr200_D3_APP	3.44	335.74	336.61		336.67	0.004441	1.11	0.24	0.27	3.94	15.77	0.52
AV5449	695.78	Max WS	UF_Tr200_D6_APP	3.27	335.74	336.61		336.66	0.003883	1.05	0.23	0.25	4.00	15.77	0.49
AV5449	695.78	Max WS	UF_Tr200_D1_APP	2.79	335.74	336.54		336.60	0.005329	1.11	0.14	0.18	2.94	15.77	0.56
AV5449	695.33	Max WS	UF_Tr200_D3_APP	4.38	335.22	336.33		336.36	0.001034	0.83	0.28	0.38	7.99	11.61	0.28
AV5449	695.33	Max WS	UF_Tr200_D6_APP	4.62	335.22	336.46		336.48	0.000694	0.74	0.27	0.35	9.48	11.61	0.24
AV5449	695.33	Max WS	UF_Tr200_D1_APP	3.64	335.22	335.87		336.01	0.012437	1.79	0.22	0.69	2.76	8.81	0.86
AV5449	695	Max WS	UF_Tr200_D3_APP	2.96	334.62	336.32		336.33	0.000253	0.52	0.19	0.21	9.16	9.19	0.13
AV5449	695	Max WS	UF_Tr200_D6_APP	3.30	334.62	336.45		336.46	0.000225	0.51	0.20	0.21	10.35	9.19	0.13
AV5449	695	Max WS	UF_Tr200_D1_APP	1.51	334.62	335.25		335.33	0.007815	1.32		0.29	1.30	4.32	0.61
AV5449	694	Max WS	UF_Tr200_D3_APP	3.06	333.58	336.32		336.32	0.000054	0.31	0.13	0.14	15.80	8.23	0.06
AV5449	694	Max WS	UF_Tr200_D6_APP	3.44	333.58	336.45		336.45	0.000057	0.33	0.14	0.14	16.87	8.23	0.06
AV5449	694	Max WS	UF_Tr200_D1_APP	0.93	333.58	335.21		335.21	0.000053	0.21	0.06	0.09	6.66	8.23	0.06
AV5449	693.70	Max WS	UF_Tr200_D3_APP	2.82	333.30	336.32		336.32	0.000008	0.15	0.05	0.06	28.52	11.95	0.03
AV5449	693.70	Max WS	UF_Tr200_D6_APP	3.37	333.30	336.45		336.45	0.000009	0.17	0.06	0.07	30.07	11.95	0.03
AV5449	693.70	Max WS	UF_Tr200_D1_APP	1.07	333.30	335.21		335.21	0.000008	0.10	0.04	0.04	15.23	11.95	0.03
AV5449	693.30	Max WS	UF_Tr200_D3_APP	2.17	332.88	336.32		336.32	0.000003	0.10	0.04	0.04	33.80	11.34	0.02
AV5449	693.30	Max WS	UF_Tr200_D6_APP	2.54	332.88	336.45		336.45	0.000003	0.11	0.04	0.04	35.26	11.34	0.02
AV5449	693.30	Max WS	UF_Tr200_D1_APP	1.27	332.88	335.21		335.21	0.000004	0.09	0.04	0.03	21.18	11.34	0.02
AV5449	693	Max WS	UF_Tr200_D3_APP	1.61	332.12	336.32		336.32	0.000001	0.05	0.02	0.02	53.25	16.92	0.01
AV5449	693	Max WS	UF_Tr200_D6_APP	1.63	332.12	336.45		336.45	0.000001	0.05	0.02	0.02	55.44	16.92	0.01
AV5449	693	Max WS	UF_Tr200_D1_APP	1.36	332.12	335.21		335.21	0.000002	0.06	0.03	0.03	34.42	16.92	0.01
AV5449	692.4			Culvert											
AV5449	692.3			Lat Struct											
AV5449	692.2			Lat Struct											
AV5449	692	Max WS	UF_Tr200_D3_APP	1.61	331.76	333.40		333.42	0.001061	0.66	0.29	0.32	3.56	5.59	0.17
AV5449	692	Max WS	UF_Tr200_D6_APP	1.63	331.76	333.41		333.42	0.001079	0.67	0.29	0.33	3.58	5.60	0.18
AV5449	692	Max WS	UF_Tr200_D1_APP	1.36	331.76	333.38		333.39	0.000843	0.58	0.25	0.28	3.42	5.55	0.15
AV5449	691.50	Max WS	UF_Tr200_D3_APP	1.61	332.14	333.39		333.40	0.000414	0.40			4.00	6.49	0.16
AV5449	691.50	Max WS	UF_Tr200_D6_APP	1.63	332.14	333.39		333.40	0.000421	0.41			4.02	6.51	0.16
AV5449	691.50	Max WS	UF_Tr200_D1_APP	1.36	332.14	333.37		333.37	0.000328	0.35			3.85	6.36	0.14
AV5449	691	Max WS	UF_Tr200_D3_APP	1.58	331.35	333.39	332.15	333.39	0.000068	0.22	0.04	0.06	8.12	12.53	0.07
AV5449	691	Max WS	UF_Tr200_D6_APP	1.60	331.35	333.39	332.16	333.40	0.000069	0.22	0.04	0.07	8.16	12.53	0.07
AV5449	691	Max WS	UF_Tr200_D1_APP	1.35	331.35	333.37	332.09	333.37	0.000054	0.19	0.03	0.06	7.82	12.53	0.06
AV5449	690.5			Bridge											
AV5449	690.20	Max WS	UF_Tr200_D3_APP	1.58	331.35	333.38		333.39	0.000069	0.22	0.04	0.06	8.04	12.53	0.07
AV5449	690.20	Max WS	UF_Tr200_D6_APP	1.60	331.35	333.39		333.39	0.000070	0.23	0.04	0.07	8.08	12.53	0.07
AV5449	690.20	Max WS	UF_Tr200_D1_APP	1.35	331.35	333.36		333.36	0.000055	0.20	0.03	0.06	7.75	12.53	0.06
AV5449	690	Max WS	UF_Tr200_D3_APP	1.33	331.38	333.38	331.97	333.39	0.000041	0.19	0.04	0.03	7.79	9.86	0.05
AV5449	690	Max WS	UF_Tr200_D6_APP	1.34	331.38	333.39	331.97	333.39	0.000041	0.19	0.04	0.03	7.83	9.88	0.05
AV5449	690	Max WS	UF_Tr200_D1_APP	1.24	331.38	333.36	331.95	333.36	0.000038	0.18	0.04	0.03	7.56	9.74	0.05
AV5449	689.8			Bridge											
AV5449	689.73	Max WS	UF_Tr200_D3_APP	1.33	331.38	333.38		333.38	0.000042	0.19	0.04	0.03	7.77	9.85	0.05
AV5449	689.73	Max WS	UF_Tr200_D6_APP	1.34	331.38	333.39		333.39	0.000041	0.19	0.04	0.03	7.80	9.87	0.05
AV5449	689.73	Max WS	UF_Tr200_D1_APP	1.24	331.38	333.36		333.36	0.000039	0.18	0.04	0.03	7.54	9.72	0.05
AV5449	689.6	Max WS	UF_Tr200_D3_APP	1.13	331.14	333.38		333.38	0.000010	0.10	0.01	0.02	13.00	20.91	0.03
AV5449	689.6	Max WS	UF_Tr200_D6_APP	1.12	331.14	333.39		333.39	0.000010	0.10	0.01	0.02	13.08	21.05	0.03
AV5449	689.6	Max WS	UF_Tr200_D1_APP	1.16	331.14	333.36		333.36	0.000011	0.11	0.01	0.03	12.52	20.00	0.03
AV5449	689.25			Culvert											
AV5449	689	Max WS	UF_Tr200_D3_APP	1.13	331.14	332.35		332.35	0.000145	0.33			3.40	4.73	0.10
AV5449	689	Max WS	UF_Tr200_D6_APP	1.12	331.14	332.43		332.43	0.000112	0.31			3.65	4.98	0.09
AV5449	689	Max WS	UF_Tr200_D1_APP	1.12	331.14	332.03		332.04	0.000475	0.47			2.38	3.90	0.17
AV5449	688.50	Max WS	UF_Tr200_D3_APP	0.89	331.00	332.34		332.34	0.000045	0.17	0.06	0.07	7.77	12.30	0.06
AV5449	688.50	Max WS	UF_Tr200_D6_APP	0.43	331.00	332.42		332.42	0.000007	0.07	0.03	0.03	8.84	12.30	0.02
AV5449	688.50	Max WS	UF_Tr200_D1_APP	1.25	331.00	331.95		331.96	0.000908	0.52	0.09	0.18	3.16	10.43	0.23
AV5449	688.08	Max WS	UF_Tr200_D3_APP	-4.59	330.29	332.31		332.33	0.000340	-0.59	-0.18	-0.21	11.67	13.73	0.15
AV5449	688.08	Max WS	UF_Tr200_D6_APP	-7.78	330.29	332.38		332.41	0.000810	-0.94	-0.29	-0.35	12.55	13.73	0.24
AV5449	688.08	Max WS	UF_Tr200_D1_APP	0.24	330.29	331.95		331.95	0.000003	0.05	0.01	0.01	6.64	13.73	0.01
AV5449	688.04			Culvert											
AV5449	688	Max WS	UF_Tr200_D3_APP	-4.62	330.11	332.33		332.34	0.000286	-0.56	-0.18	-0.17	12.67	16.02	0.14
AV5449	688	Max WS	UF_Tr200_D6_APP	-7.82	330.11	332.40		332.43	0.000663	-0.88	-0.29	-0.28	13.85	16.02	0.21
AV5449	688	Max WS	UF_Tr200_D1_APP	0.24	330.11	331.95		331.95	0.000003	0.05	0.01	0.01	6.50	16.02	0.01
AV5449	687	Max WS	UF_Tr200_D3_APP	-6.95	329.91	332.32		332.34	0.000463	-0.69	-0.21	-0.22	13.30	14.02	0.18
AV5449	687	Max WS	UF_Tr200_D6_APP	-10.64	329.91	332.38		332.42	0.000914	-1.00	-0.31	-0.34	14.21	14.02	0.25
AV5449	687	Max WS	UF_Tr200_D1_APP	-0.40	329.91	331.95		331.95	0.000005	-0.06	-0.02	-0.01	8.13	14.02	0.02

ALLEGATI

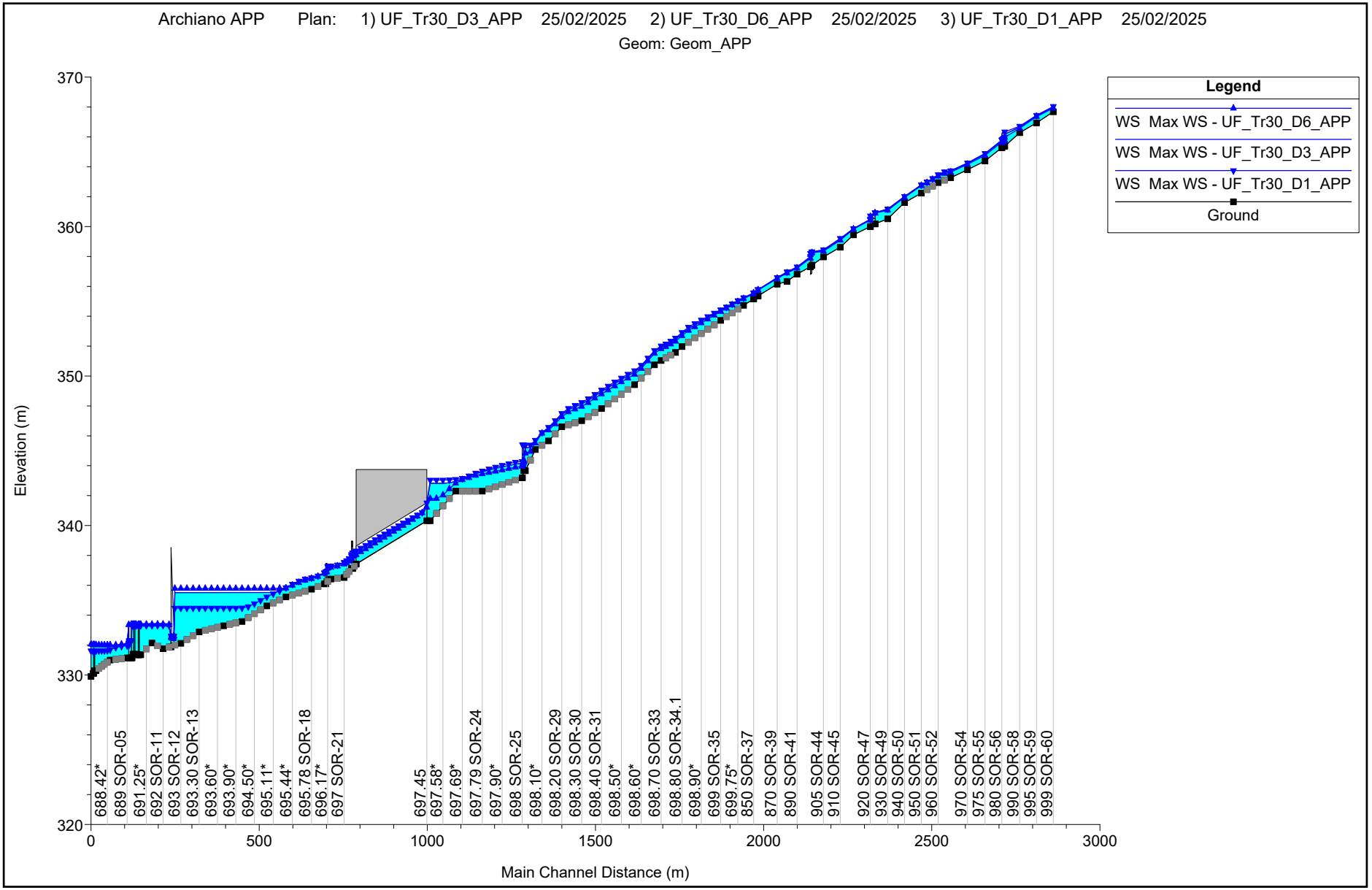
MODELLAZIONE HEC-RAS 6.3.1 "ARCHIANO APP"

SORRASA (AV5449)

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 1, 3 e 6 h

Profilo longitudinale


Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Elevation (m)
370
360
350
340
330
320
0
500
1000
1500
2000
2500
3000
Main Channel Distance (m)
688.42*
689 SOR-05
691.25*
692 SOR-11
693 SOR-12
693.30 SOR-13
693.60*
693.90*
694.50*
695.11*
695.44*
695.78 SOR-18
696.17*
697 SOR-21
697.45
697.58*
697.69*
697.79 SOR-24
697.90*
698 SOR-25
698.10*
698.20 SOR-29
698.30 SOR-30
698.40 SOR-31
698.50*
698.60*
698.70 SOR-33
698.80 SOR-34.1
698.90*
699 SOR-35
699.75*
850 SOR-37
870 SOR-39
890 SOR-41
905 SOR-44
910 SOR-45
920 SOR-47
930 SOR-49
940 SOR-50
950 SOR-51
960 SOR-52
970 SOR-54
975 SOR-55
980 SOR-56
990 SOR-58
995 SOR-59
999 SOR-60

ALLEGATI

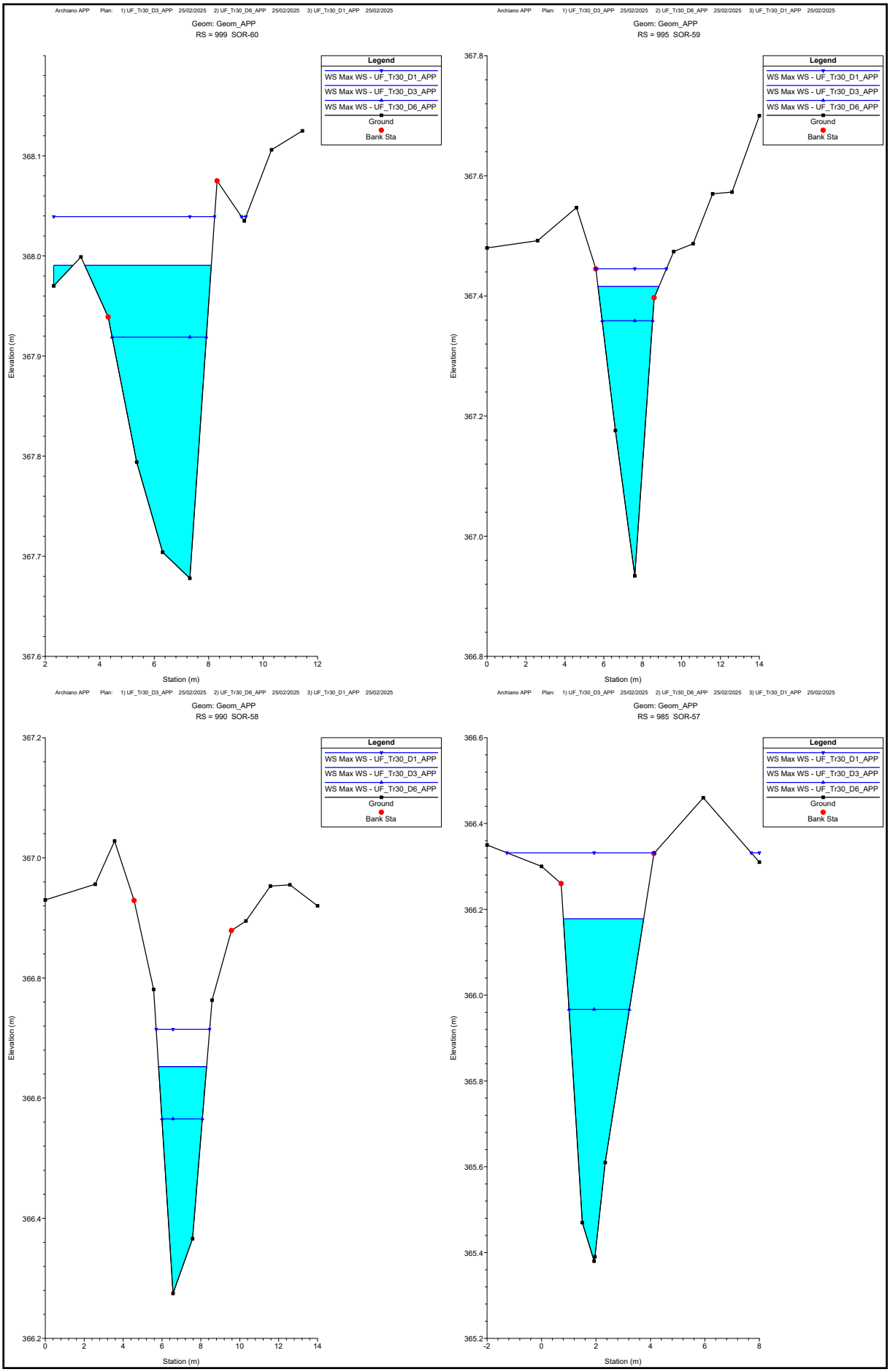
MODELLAZIONE HEC-RAS 6.3.1 "ARCHIANO APP"

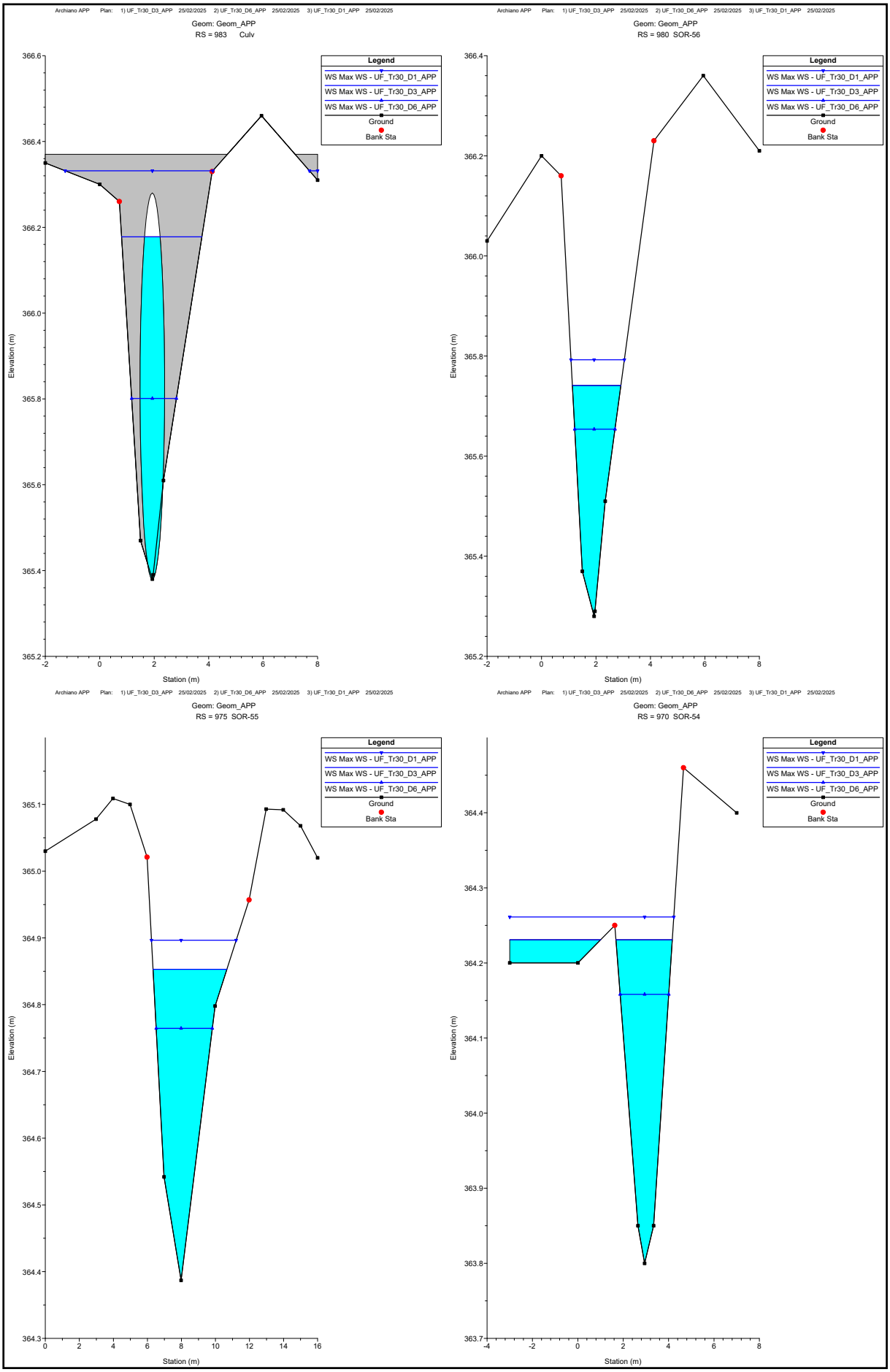
SORRASA (AV5449)

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 1, 3 e 6 h

Sezioni Trasversali (da monte verso valle)


Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 999 SOR-60
Legend
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 995 SOR-59
Legend
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 990 SOR-58
Legend
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 985 SOR-57
Legend
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)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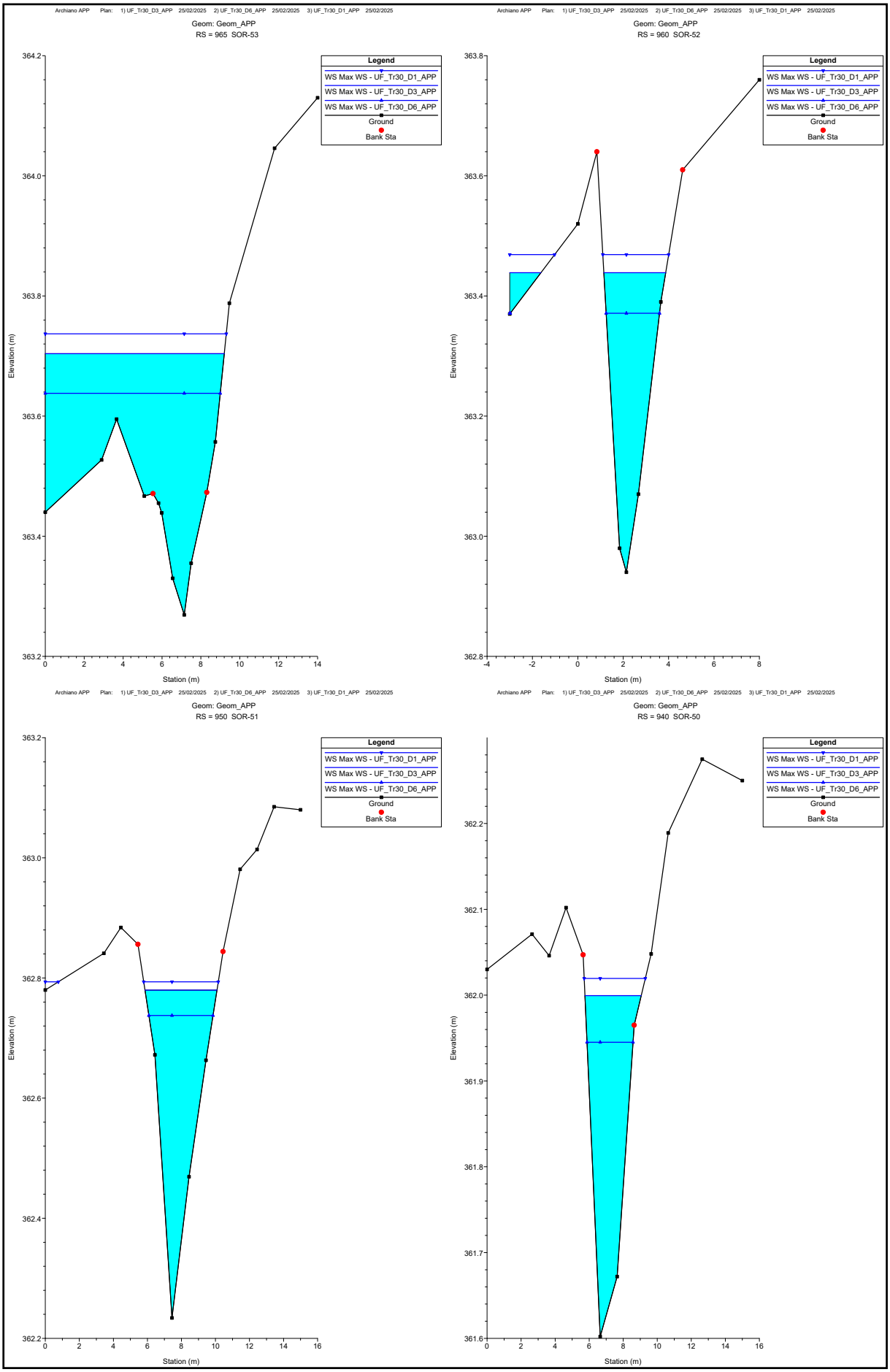
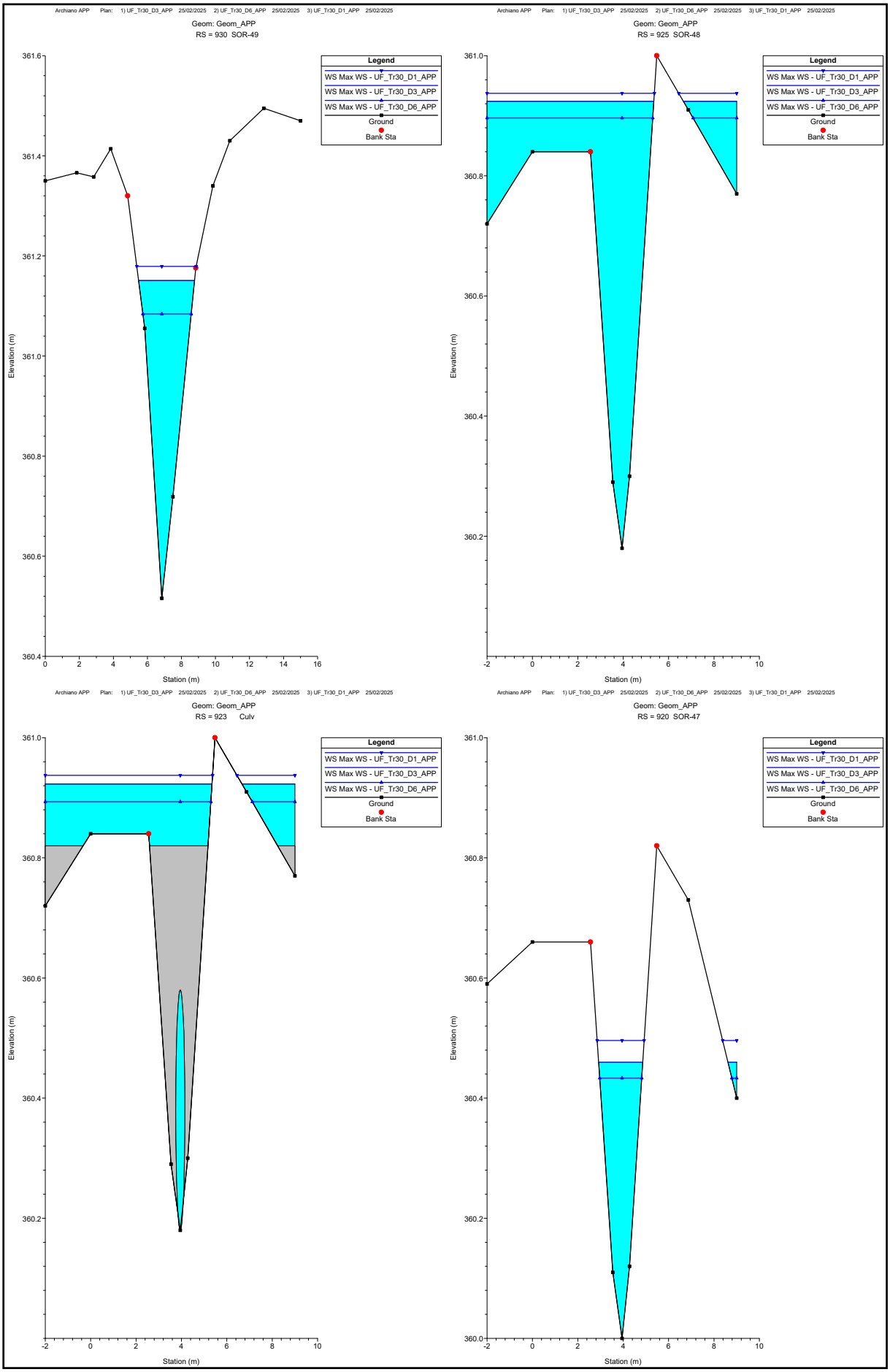
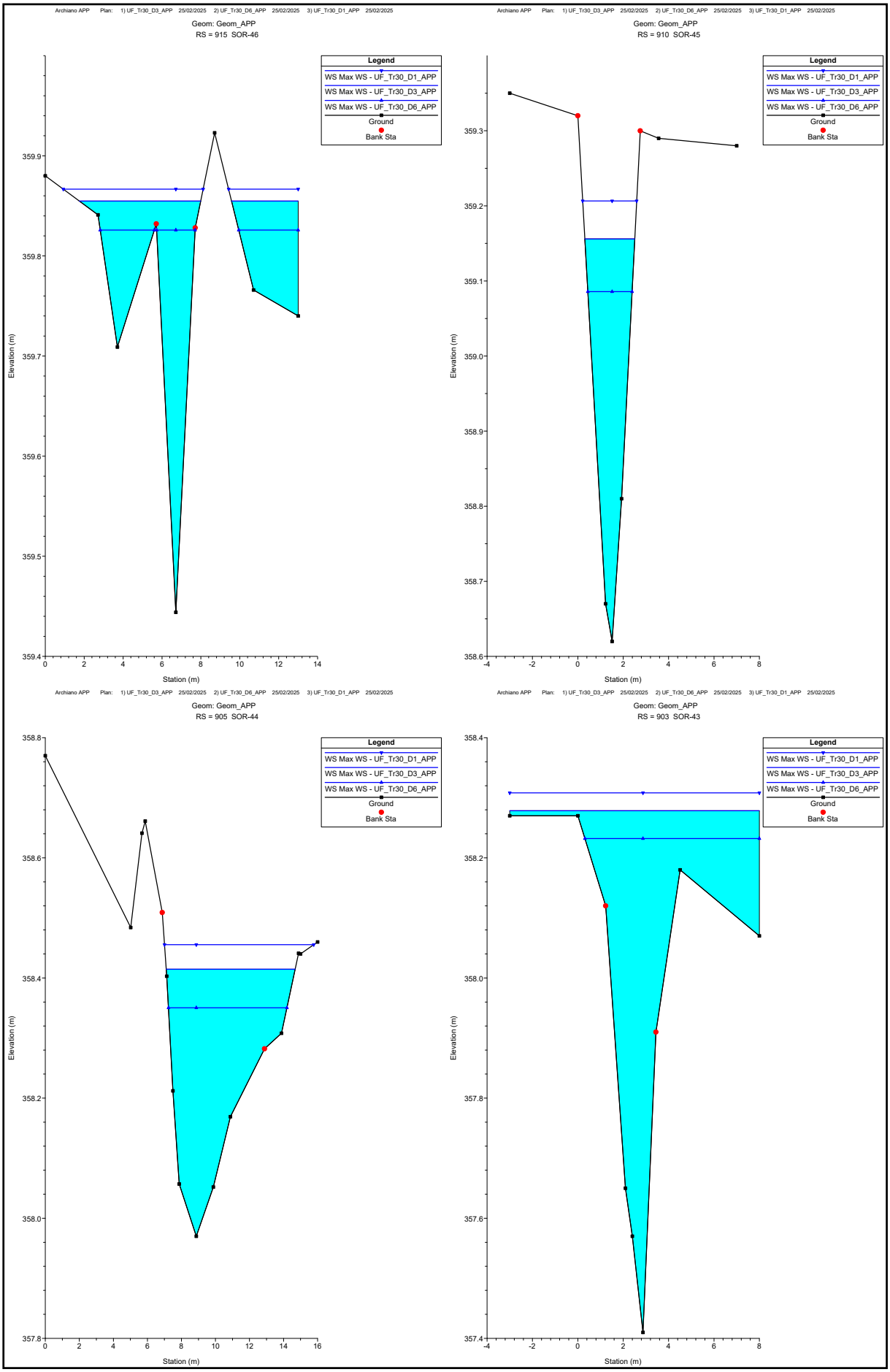
Geom: Geom_APP
RS = 983 Culv
Legend
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 980 SOR-56
Legend
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 975 SOR-55
Legend
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 970 SOR-54
Legend
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)


Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 965 SOR-53
Legend
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 960 SOR-52
Legend
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 950 SOR-51
Legend
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 940 SOR-50
Legend
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)


Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 930 SOR-49
Legend
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 925 SOR-48
Legend
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 923 Culv
Legend
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 920 SOR-47
Legend
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)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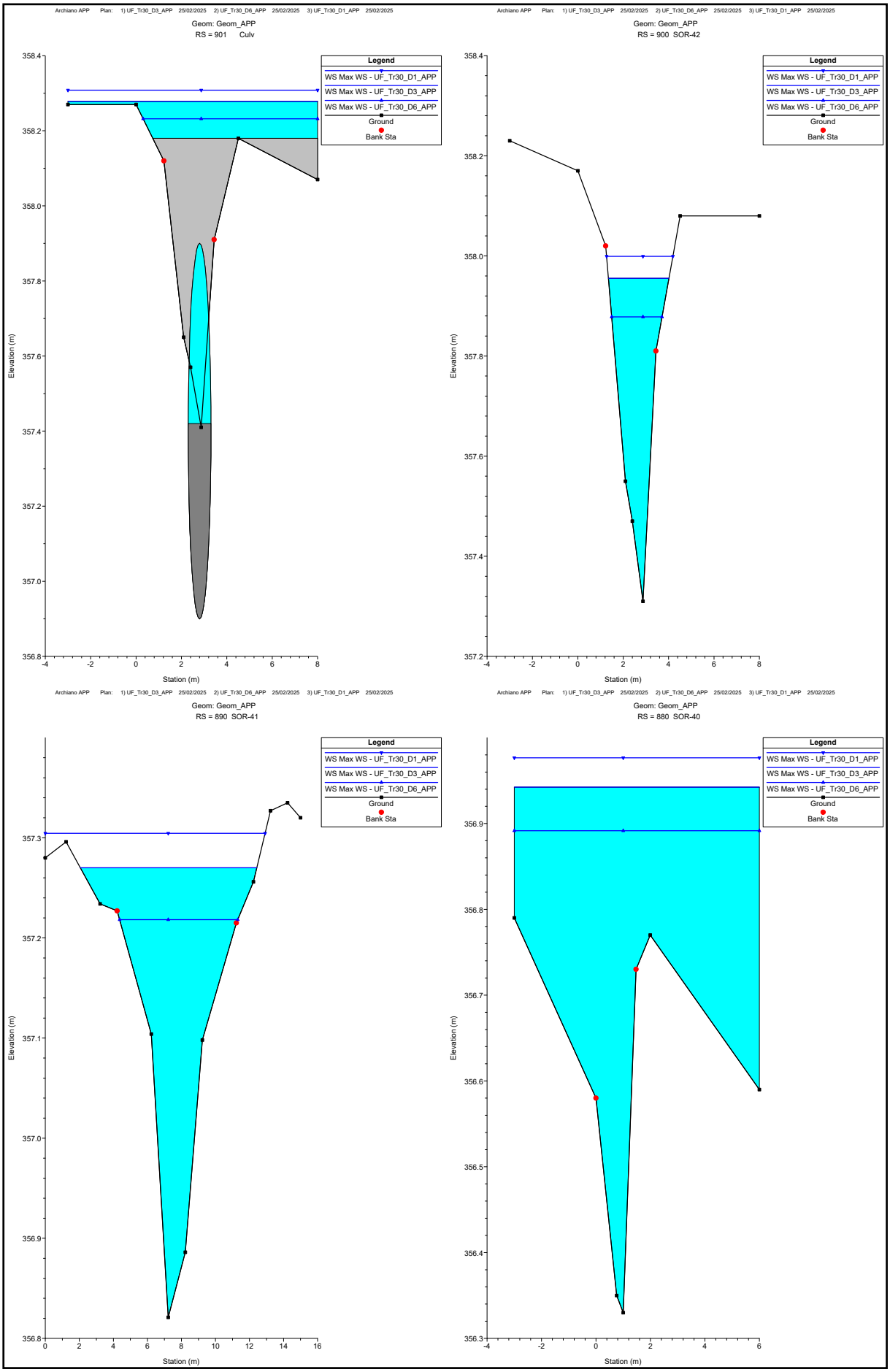
Geom: Geom_APP
RS = 915 SOR-46
Legend
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 910 SOR-45
Legend
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 905 SOR-44
Legend
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 903 SOR-43
Legend
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)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Geom: Geom_APP
RS = 901 Culv
Legend
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 900 SOR-42
Legend
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 890 SOR-41
Legend
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 880 SOR-40
Legend
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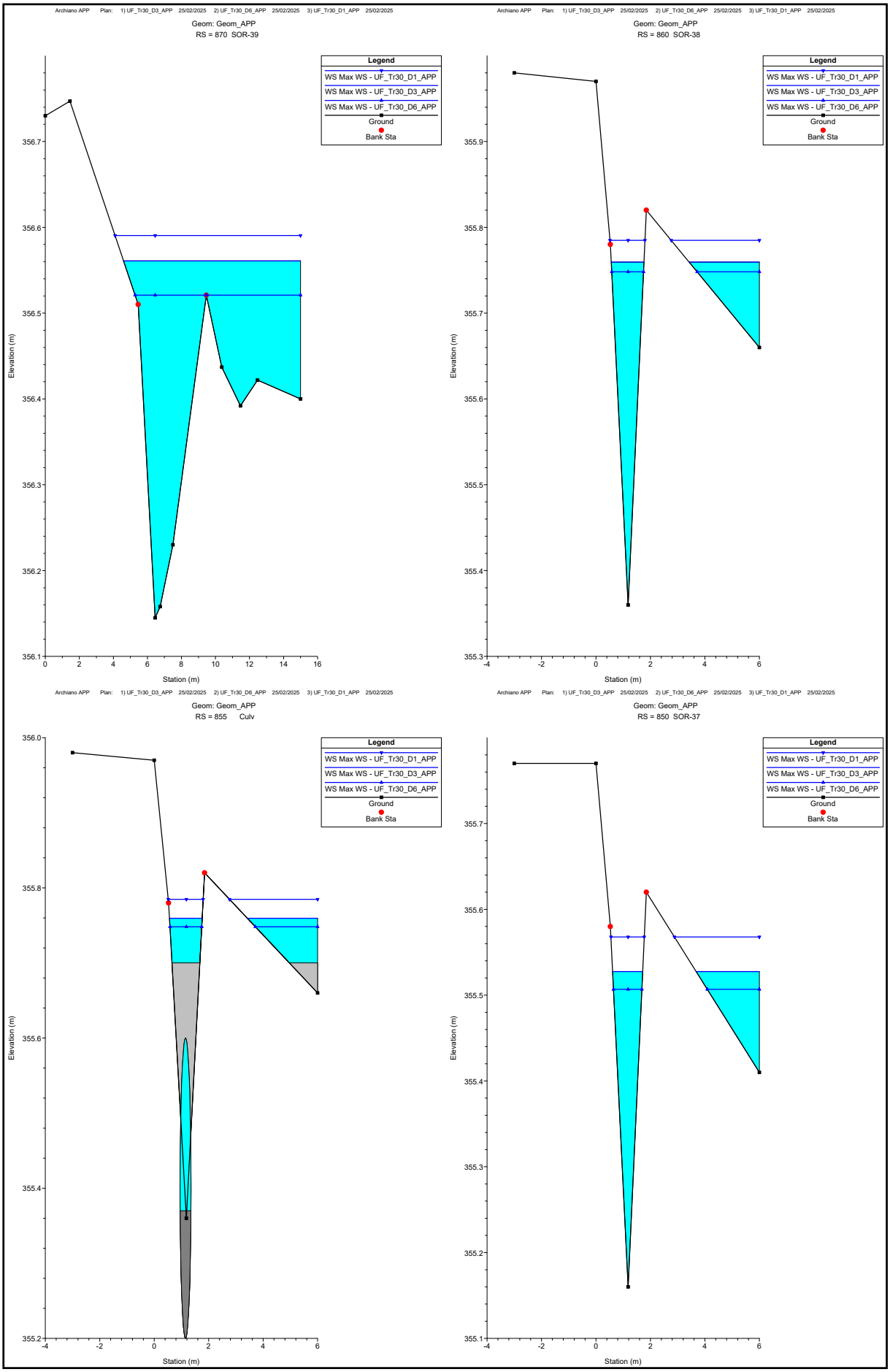
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)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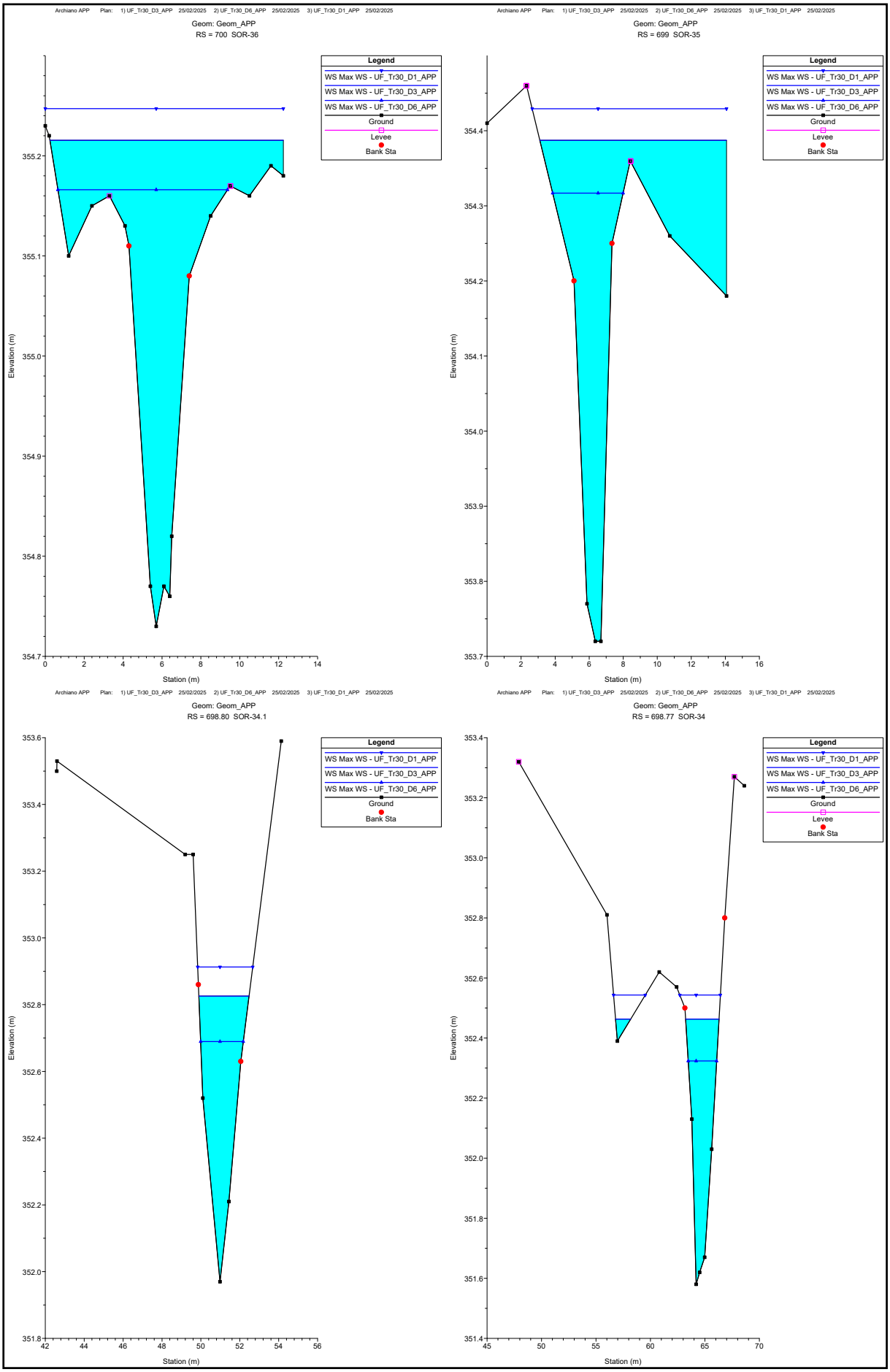
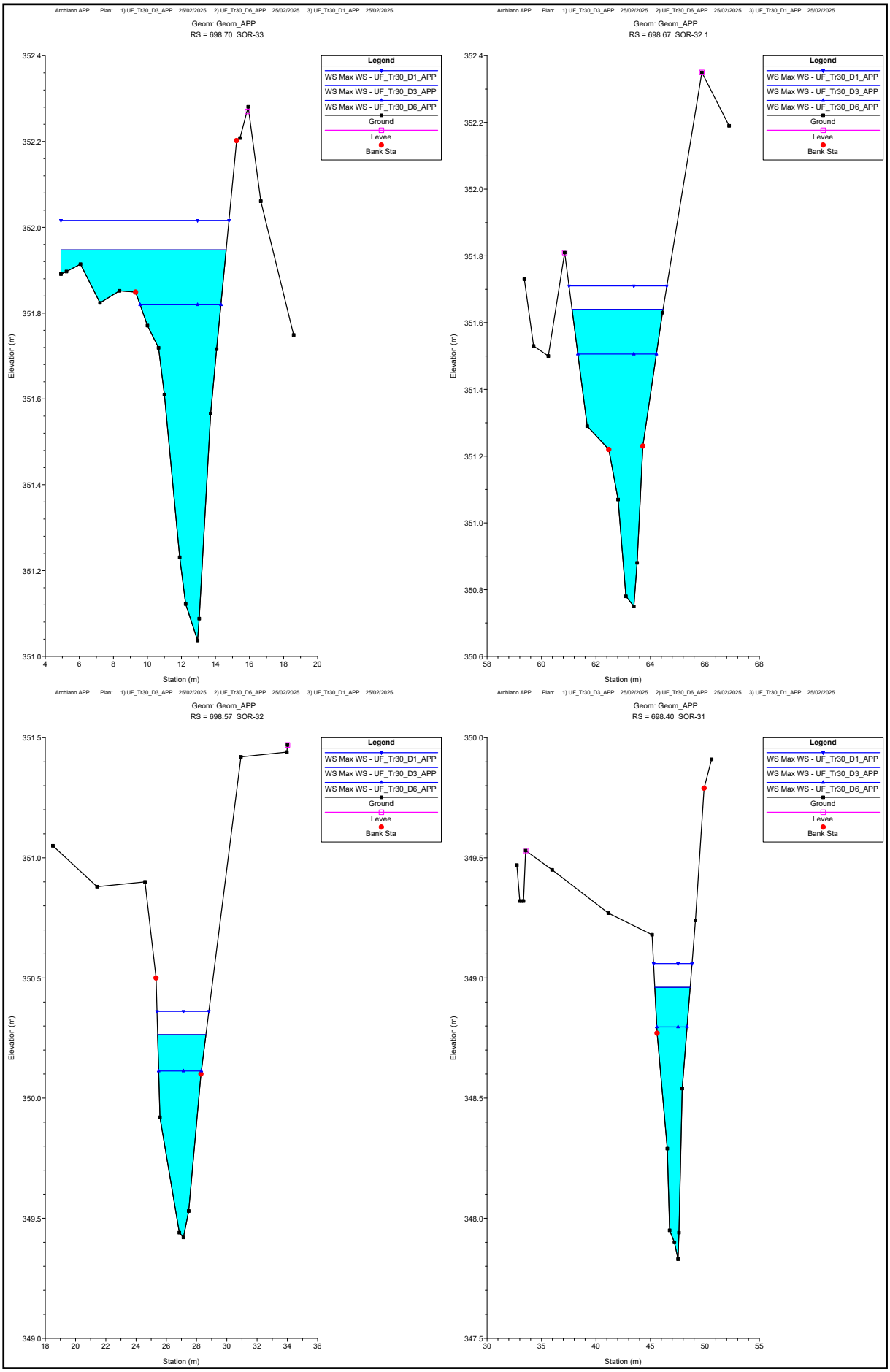
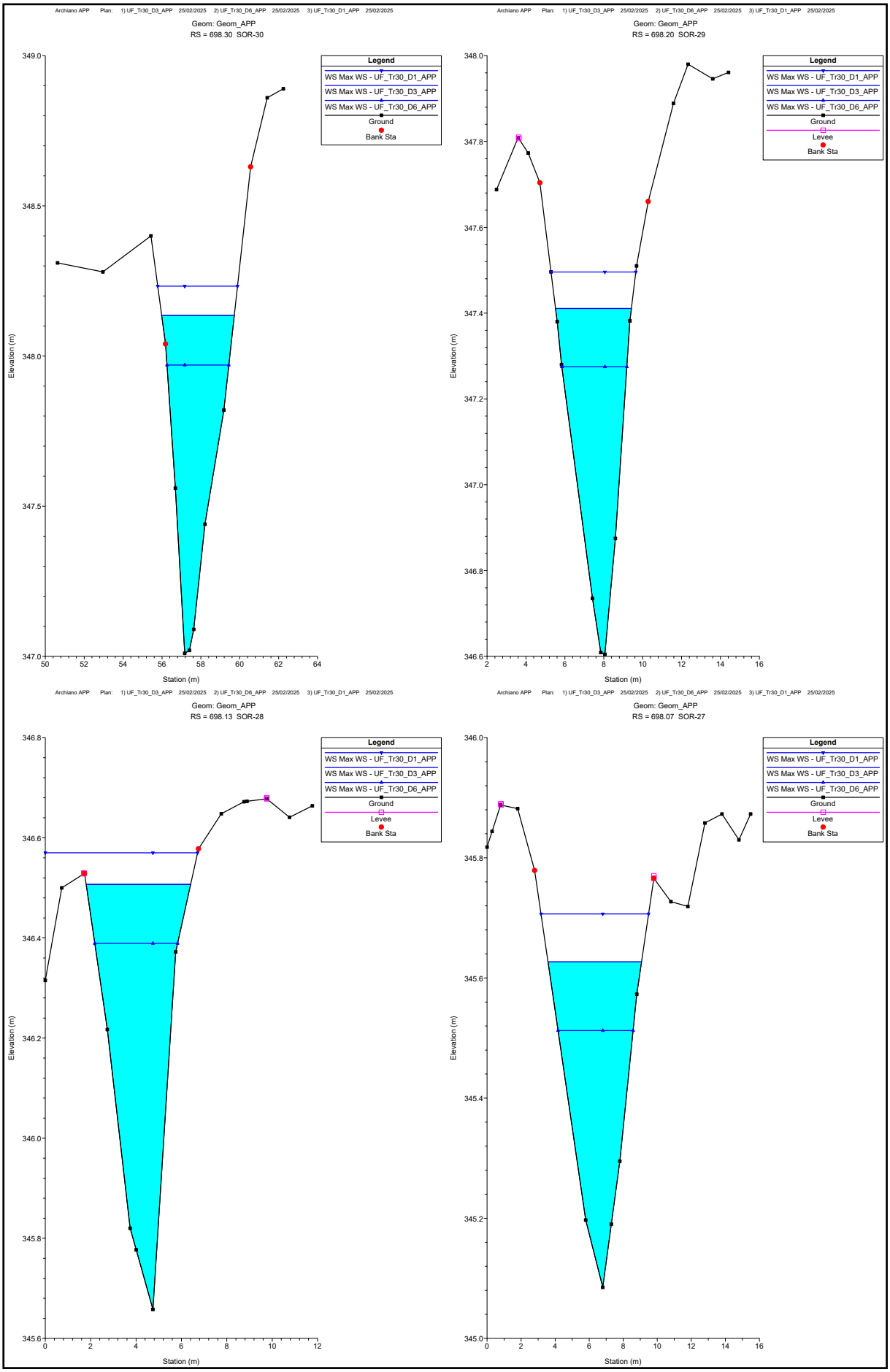
Geom: Geom_APP
RS = 870 SOR-39
Legend
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 860 SOR-38
Legend
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 855 Culv
Legend
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 850 SOR-37
Legend
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)


Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 700 SOR-36
Legend
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 699 SOR-35
Legend
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 698.80 SOR-34.1
Legend
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 698.77 SOR-34
Legend
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)


Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 698.70 SOR-33
Legend
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 698.67 SOR-32.1
Legend
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 698.57 SOR-32
Legend
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 698.40 SOR-31
Legend
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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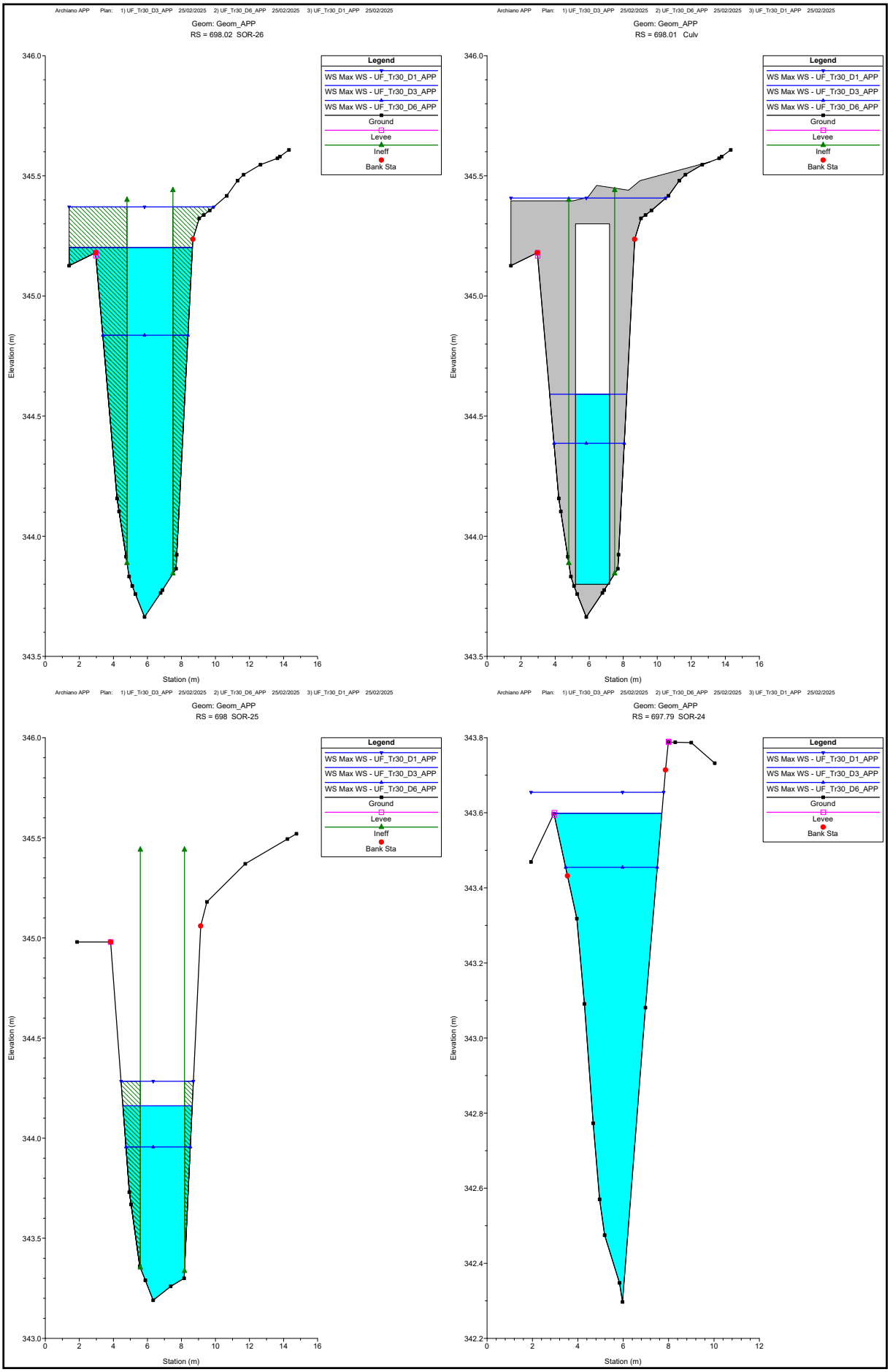
Geom: Geom_APP
RS = 698.30 SOR-30
Legend
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 698.20 SOR-29
Legend
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 698.13 SOR-28
Legend
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 698.07 SOR-27
Legend
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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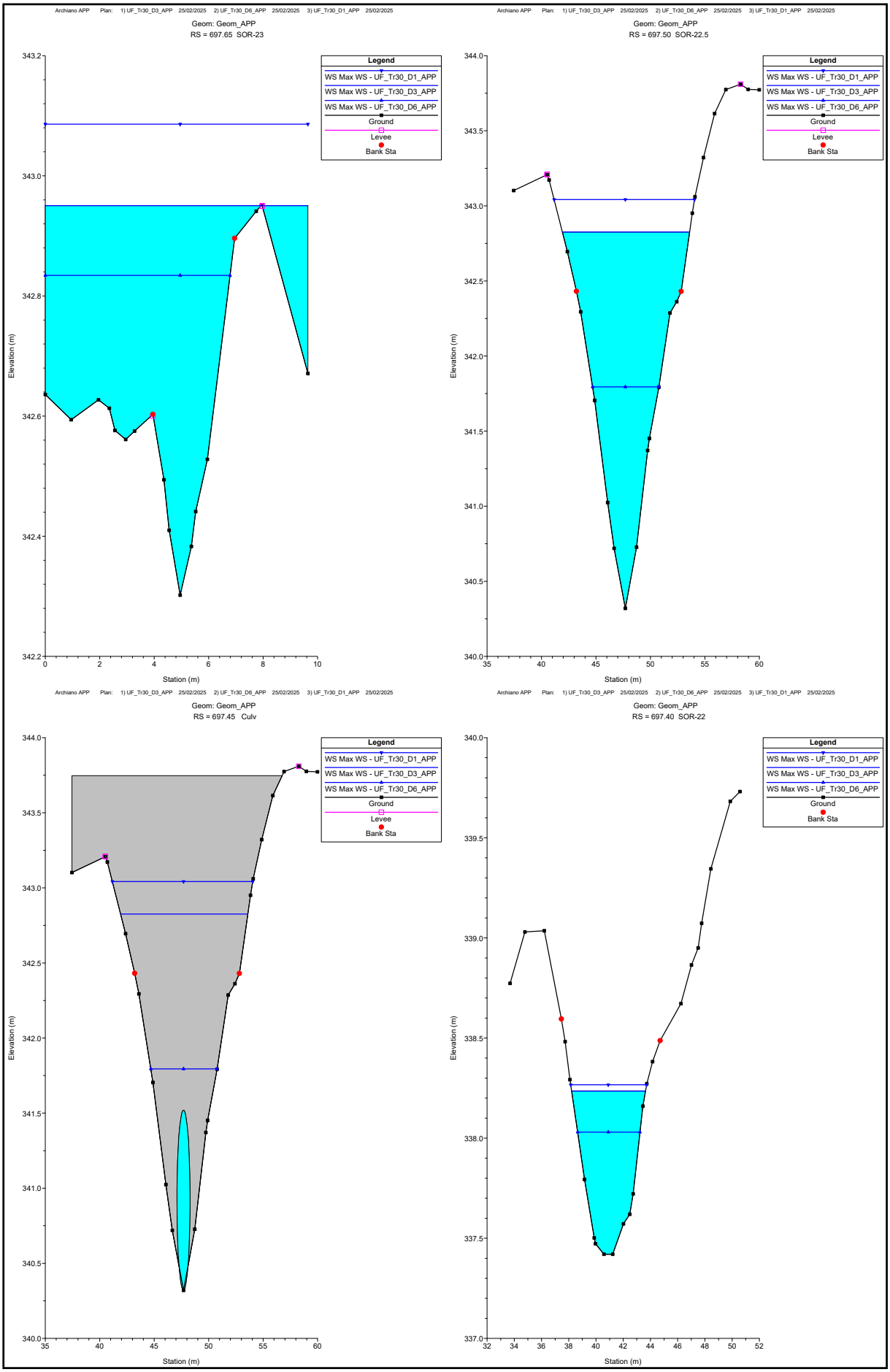
Geom: Geom_APP
RS = 698.02 SOR-26
Legend
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Ineff
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 698.01 Culv
Legend
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Ineff
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 698 SOR-25
Legend
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Ineff
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 697.79 SOR-24
Legend
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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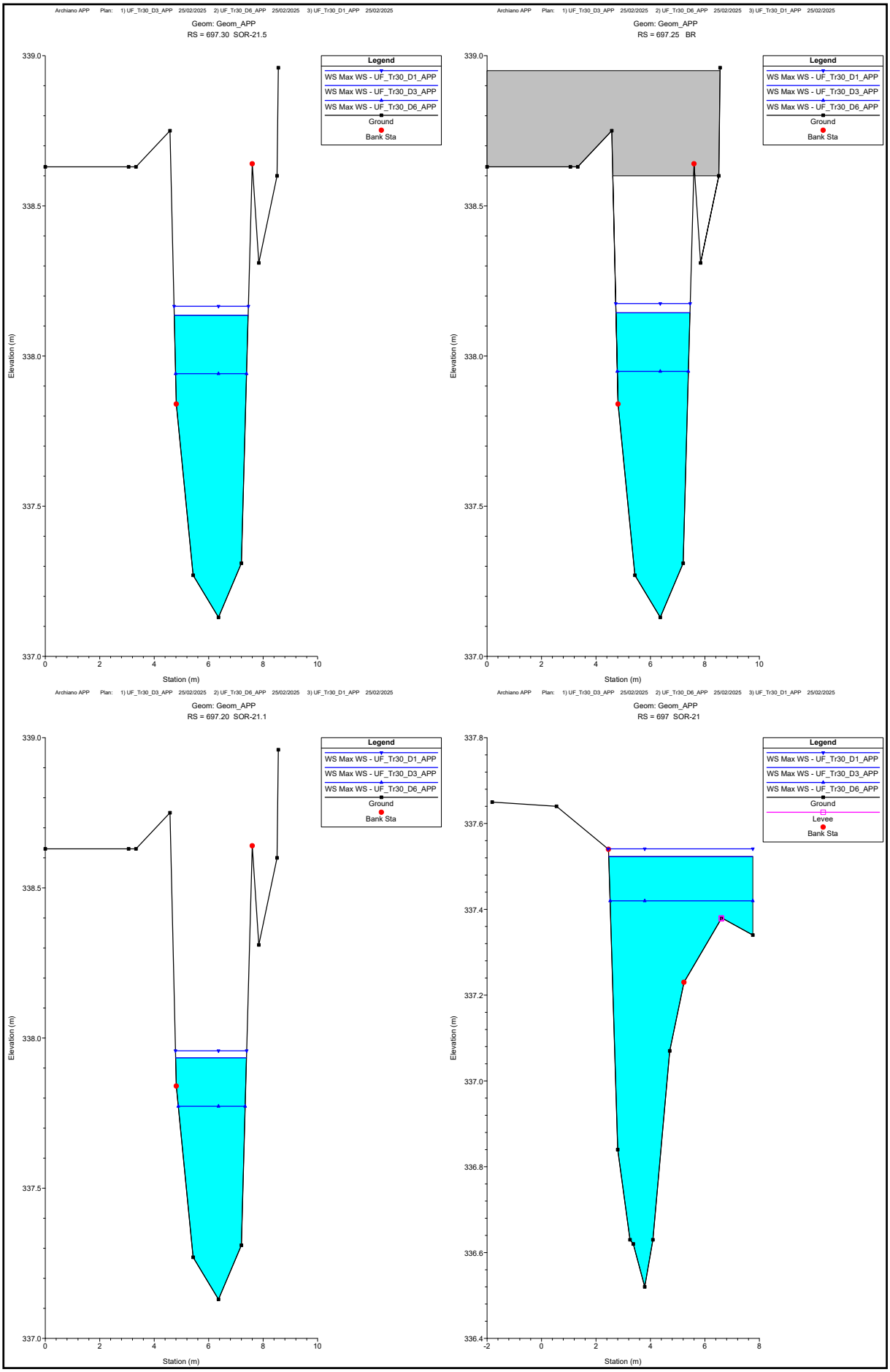
Geom: Geom_APP
RS = 697.65 SOR-23
Legend
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 697.50 SOR-22.5
Legend
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 697.45 Culv
Legend
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 697.40 SOR-22
Legend
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)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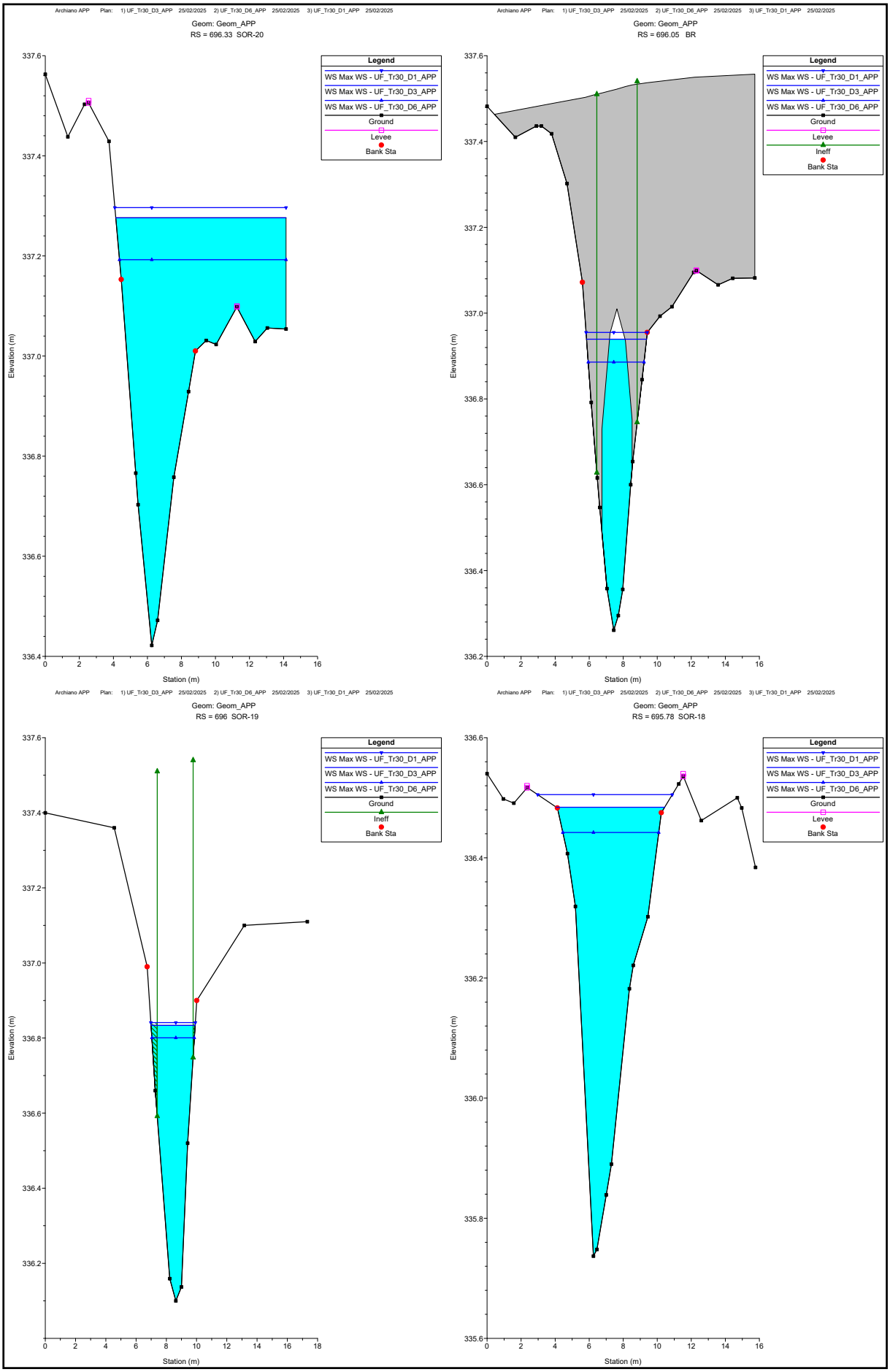
Geom: Geom_APP
RS = 697.30 SOR-21.5
Legend
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 697.25 BR
Legend
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 697.20 SOR-21.1
Legend
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 697 SOR-21
Legend
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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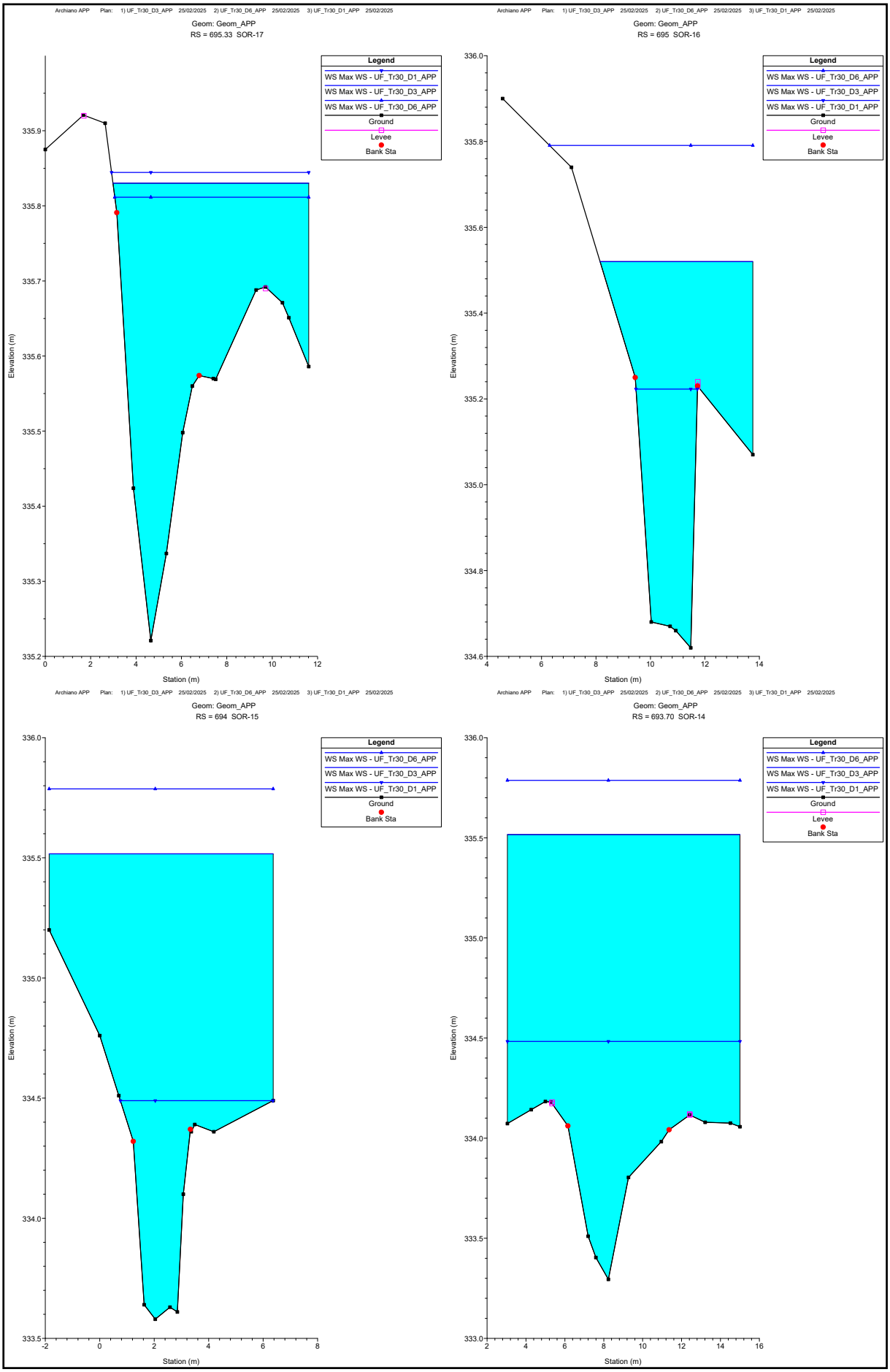
Geom: Geom_APP
RS = 696.33 SOR-20
Legend
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 696.05 BR
Legend
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Ineff
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 696 SOR-19
Legend
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Ineff
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 695.78 SOR-18
Legend
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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Geom: Geom_APP
RS = 695.33 SOR-17
Legend
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 695 SOR-16
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 694 SOR-15
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 693.70 SOR-14
Legend
WS Max WS - UF_Tr30_D6_APP
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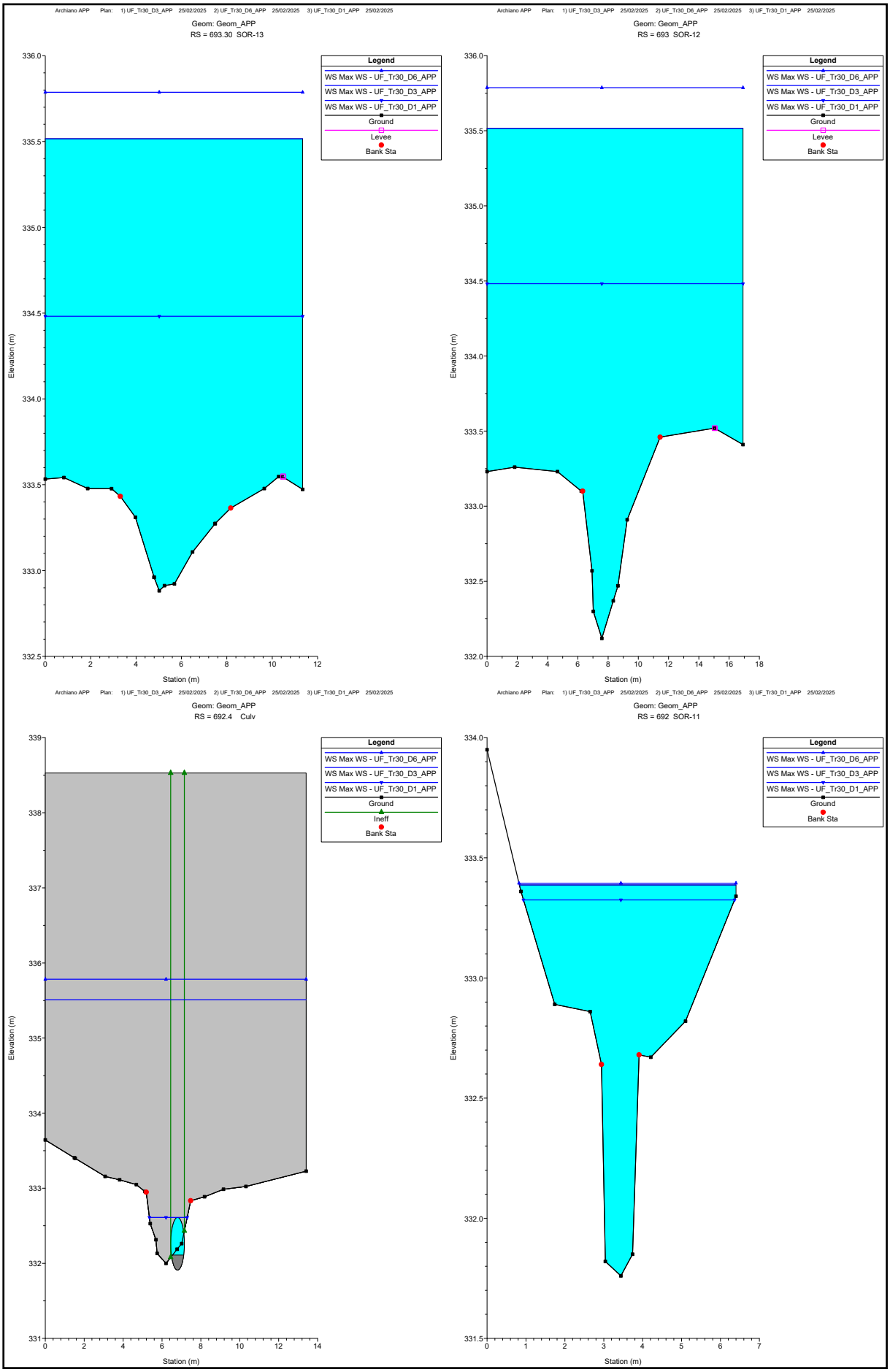
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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Geom: Geom_APP
RS = 693.30 SOR-13
Legend
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WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
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Geom: Geom_APP
RS = 693 SOR-12
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
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Geom: Geom_APP
RS = 692.4 Culv
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Ineff
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 692 SOR-11
Legend
WS Max WS - UF_Tr30_D6_APP
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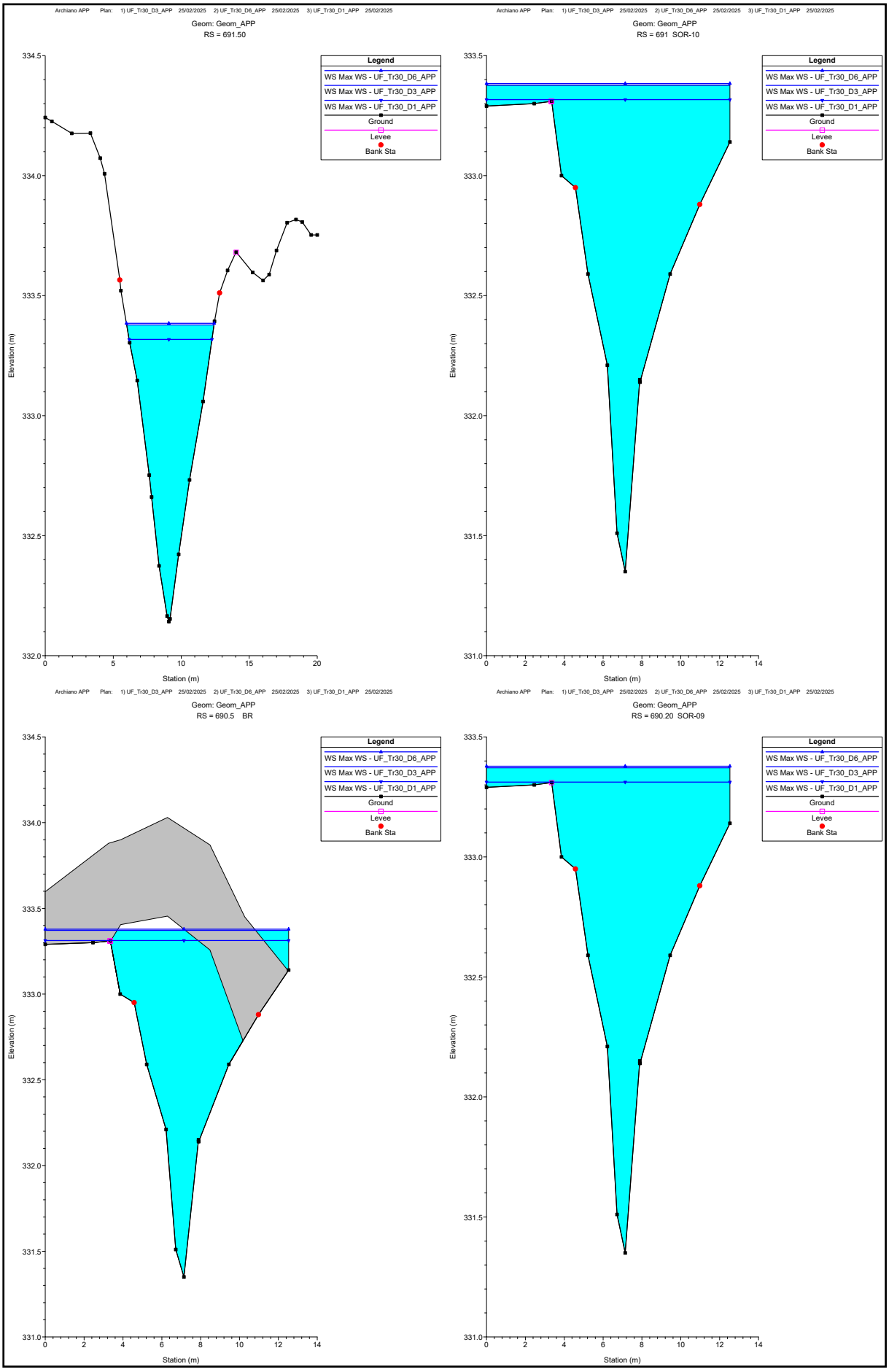
WS Max WS - UF_Tr30_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)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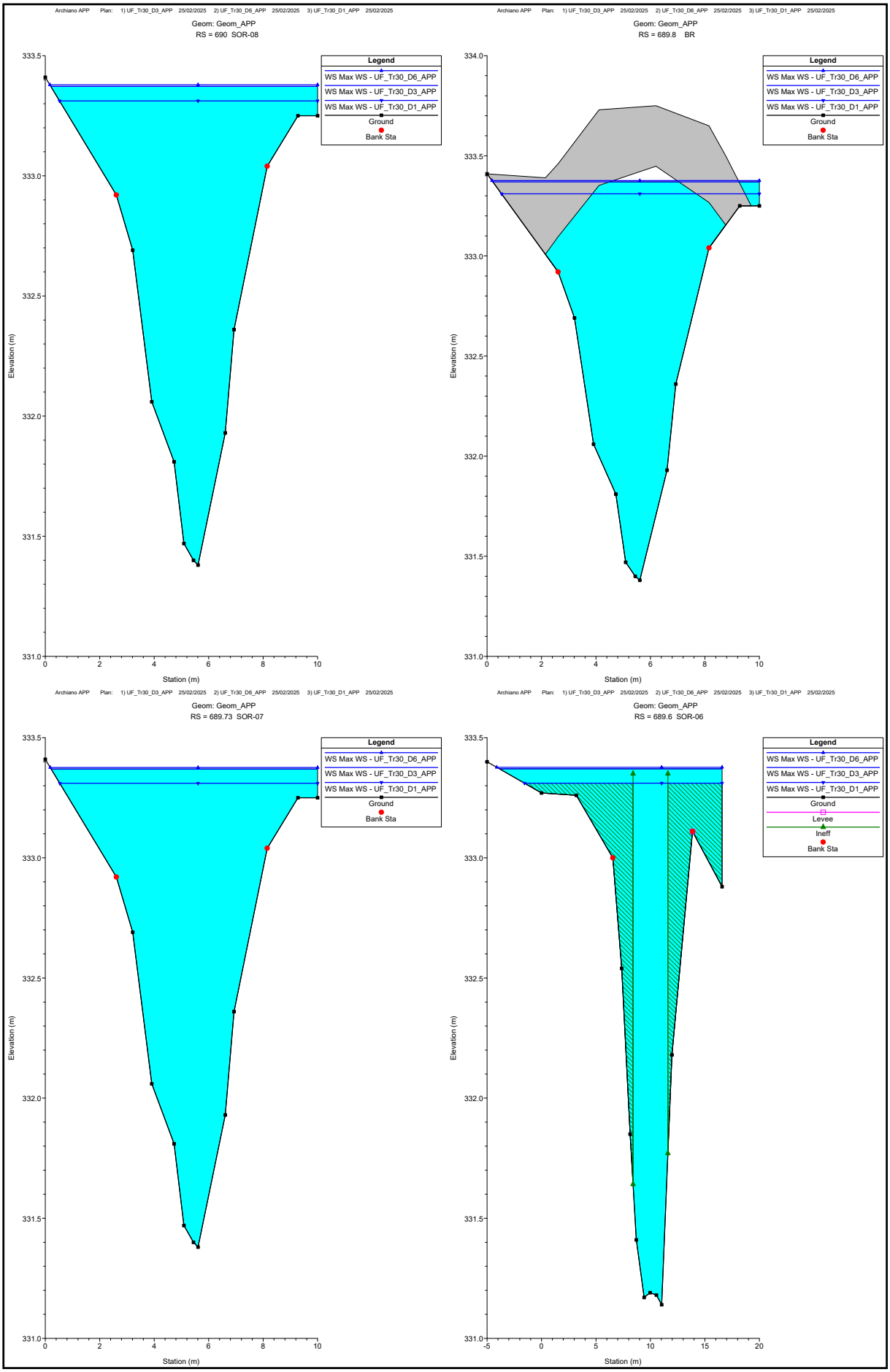
Geom: Geom_APP
RS = 691.50
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 691 SOR-10
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 690.5 BR
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 690.20 SOR-09
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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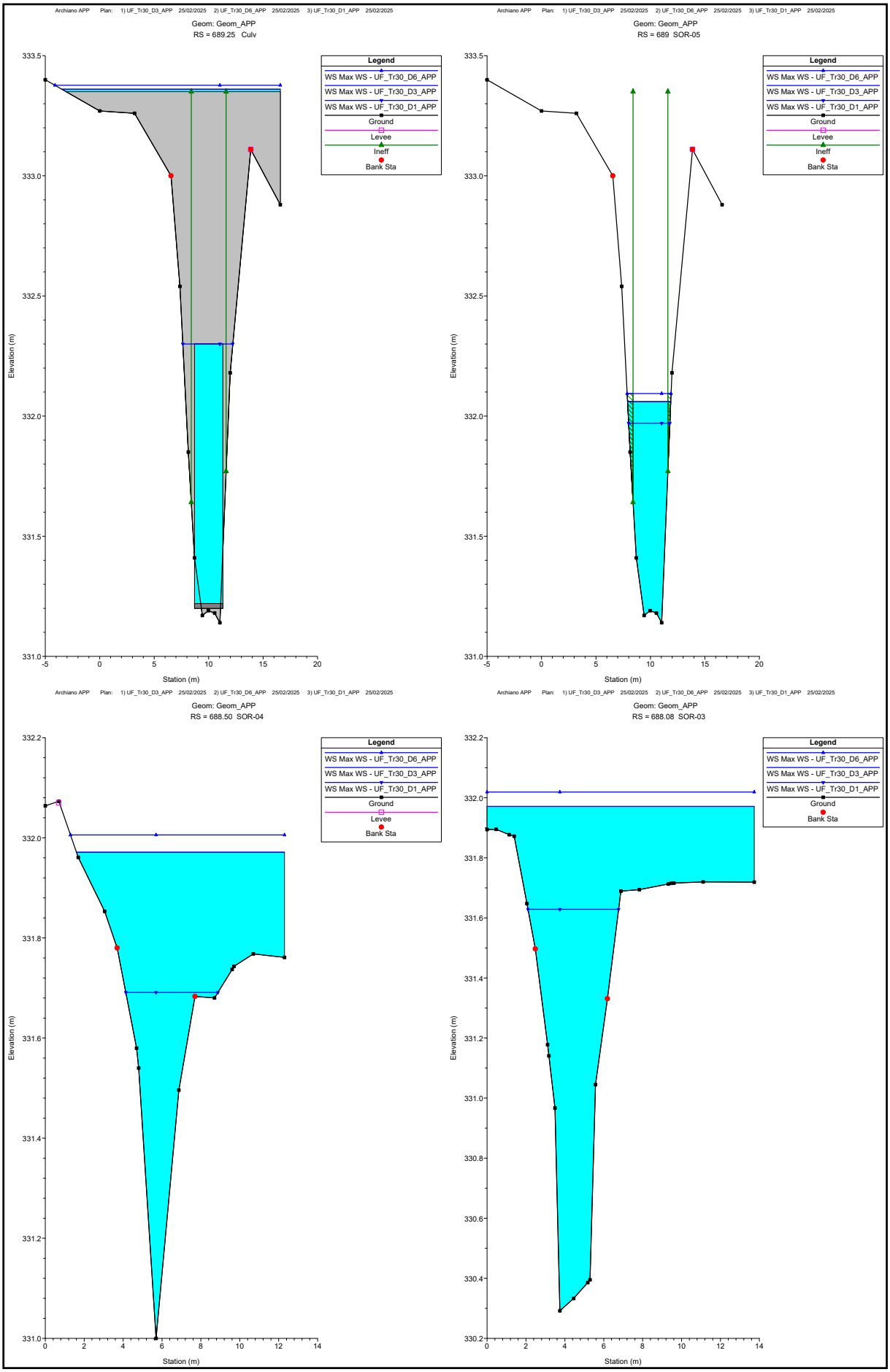
Geom: Geom_APP
RS = 690 SOR-08
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 689.8 BR
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 689.73 SOR-07
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 689.6 SOR-06
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Ineff
Bank Sta
Elevation (m)
Station (m)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Geom: Geom_APP
RS = 689.25 Culv
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Ineff
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 689 SOR-05
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Ineff
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 688.50 SOR-04
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
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Geom: Geom_APP
RS = 688.08 SOR-03
Legend
WS Max WS - UF_Tr30_D6_APP
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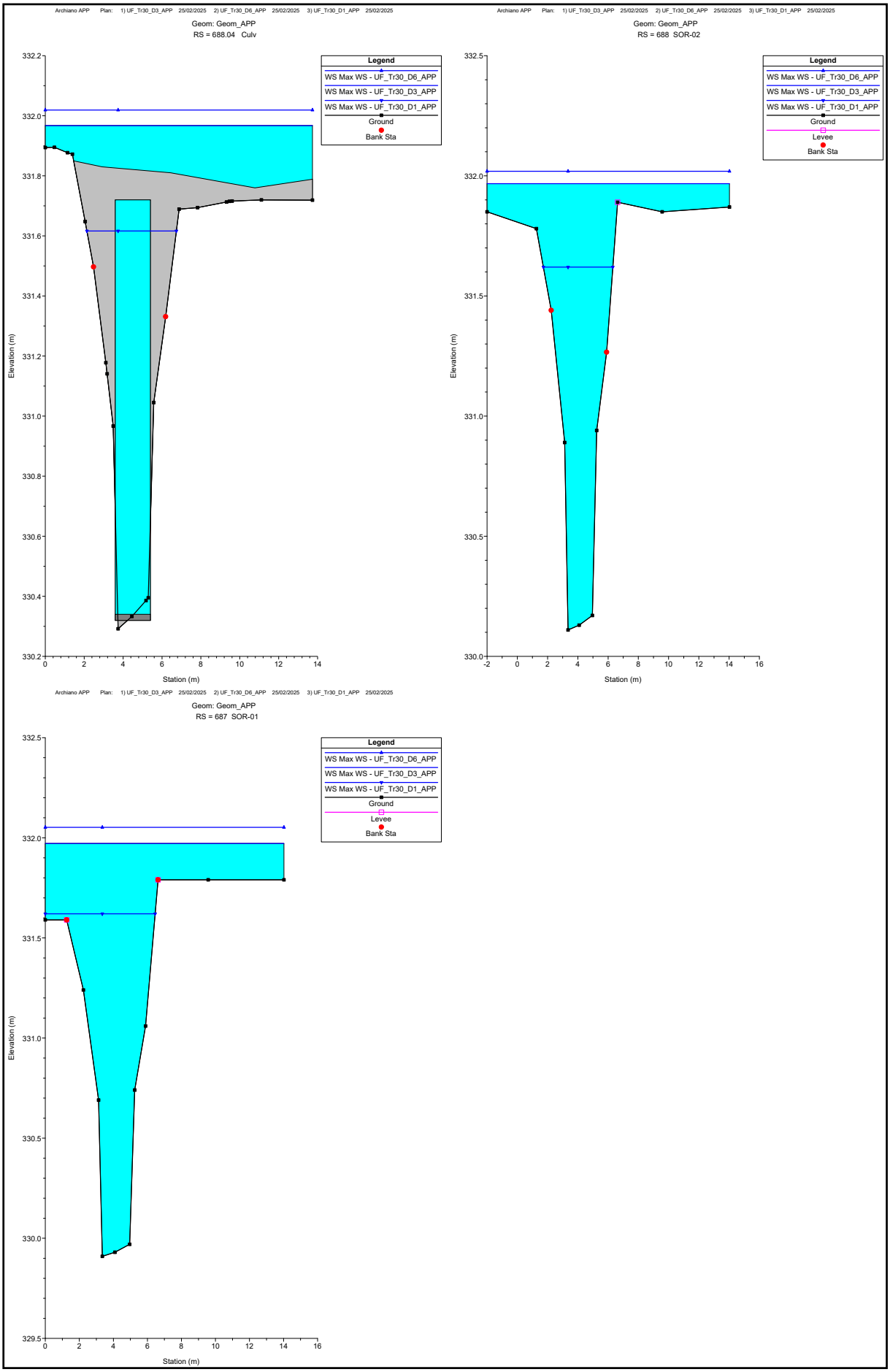
WS Max WS - UF_Tr30_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)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Geom: Geom_APP
RS = 688.04 Culv
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 688 SOR-02
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Archiano APP Plan: 1) UF_Tr30_D3_APP 25/02/2025 2) UF_Tr30_D6_APP 25/02/2025 3) UF_Tr30_D1_APP 25/02/2025
Geom: Geom_APP
RS = 687 SOR-01
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)

ALLEGATI

MODELLAZIONE HEC-RAS 6.3.1 "ARCHIANO APP"

SORRASA (AV5449)

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 1, 3 e 6 h

Dati idraulici

HEC-RAS River: AV5449 Reach: AV5449 Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
AV5449	999	Max WS	UF_Tr30_D3_APP	0.85	367.68	367.99		368.05	0.011960	1.08	0.14		0.81	5.35	0.76
AV5449	999	Max WS	UF_Tr30_D6_APP	0.52	367.68	367.92		367.97	0.015876	1.00			0.52	3.46	0.83
AV5449	999	Max WS	UF_Tr30_D1_APP	1.19	367.68	368.04		368.11	0.011463	1.19	0.27	0.03	1.10	6.08	0.76
AV5449	998.99			Lat Struct											
AV5449	998.98			Lat Struct											
AV5449	995	Max WS	UF_Tr30_D3_APP	0.85	366.93	367.42		367.49	0.011780	1.18		0.08	0.72	3.13	0.76
AV5449	995	Max WS	UF_Tr30_D6_APP	0.52	366.93	367.36		367.40	0.008817	0.93			0.56	2.60	0.64
AV5449	995	Max WS	UF_Tr30_D1_APP	1.08	366.93	367.45		367.54	0.013532	1.33		0.16	0.82	3.63	0.82
AV5449	990	Max WS	UF_Tr30_D3_APP	0.85	366.28	366.65	366.65	366.76	0.019929	1.47			0.58	2.47	0.97
AV5449	990	Max WS	UF_Tr30_D6_APP	0.52	366.28	366.57	366.57	366.66	0.024200	1.38			0.38	2.08	1.03
AV5449	990	Max WS	UF_Tr30_D1_APP	1.07	366.28	366.71		366.82	0.016226	1.45			0.74	2.75	0.90
AV5449	985	Max WS	UF_Tr30_D3_APP	0.85	365.38	366.18		366.20	0.002143	0.68			1.25	2.95	0.33
AV5449	985	Max WS	UF_Tr30_D6_APP	0.52	365.38	365.97		365.99	0.003707	0.74			0.71	2.22	0.42
AV5449	985	Max WS	UF_Tr30_D1_APP	1.07	365.38	366.33		366.35	0.001354	0.61	0.06	0.03	1.81	5.72	0.27
AV5449	983			Culvert											
AV5449	980	Max WS	UF_Tr30_D3_APP	0.85	365.28	365.74	365.77	365.92	0.031287	1.86			0.46	1.78	1.17
AV5449	980	Max WS	UF_Tr30_D6_APP	0.52	365.28	365.65	365.68	365.79	0.031822	1.66			0.31	1.48	1.15
AV5449	980	Max WS	UF_Tr30_D1_APP	1.07	365.28	365.79	365.83	365.98	0.029900	1.93			0.55	1.96	1.16
AV5449	975	Max WS	UF_Tr30_D3_APP	0.85	364.39	364.85		364.89	0.005875	0.82			1.03	4.34	0.54
AV5449	975	Max WS	UF_Tr30_D6_APP	0.52	364.39	364.76		364.79	0.005635	0.75			0.70	3.30	0.52
AV5449	975	Max WS	UF_Tr30_D1_APP	1.07	364.39	364.90		364.93	0.006142	0.87			1.23	4.98	0.56
AV5449	970	Max WS	UF_Tr30_D3_APP	0.98	363.80	364.23	364.26	364.35	0.020238	1.55	0.21		0.73	6.49	0.99
AV5449	970	Max WS	UF_Tr30_D6_APP	0.61	363.80	364.16		364.25	0.018981	1.34			0.45	2.14	0.93
AV5449	970	Max WS	UF_Tr30_D1_APP	1.23	363.80	364.26	364.30	364.39	0.020692	1.64	0.33		0.94	7.23	1.01
AV5449	969.99			Lat Struct											
AV5449	965	Max WS	UF_Tr30_D3_APP	1.00	363.27	363.70		363.72	0.002843	0.72	0.29	0.22	2.12	9.20	0.40
AV5449	965	Max WS	UF_Tr30_D6_APP	0.67	363.27	363.64		363.65	0.003255	0.66	0.24	0.19	1.52	9.00	0.41
AV5449	965	Max WS	UF_Tr30_D1_APP	1.20	363.27	363.74		363.76	0.002787	0.76	0.32	0.24	2.43	9.31	0.40
AV5449	960	Max WS	UF_Tr30_D3_APP	1.09	362.94	363.44	363.42	363.55	0.016220	1.46	0.22		0.79	4.10	0.89
AV5449	960	Max WS	UF_Tr30_D6_APP	0.73	362.94	363.37		363.45	0.014325	1.27			0.57	2.38	0.82
AV5449	960	Max WS	UF_Tr30_D1_APP	1.33	362.94	363.47	363.47	363.59	0.017854	1.58	0.29		0.93	4.88	0.94
AV5449	959.99			Lat Struct											
AV5449	950	Max WS	UF_Tr30_D3_APP	1.07	362.23	362.78		362.83	0.008977	1.04			1.04	4.23	0.67
AV5449	950	Max WS	UF_Tr30_D6_APP	0.81	362.23	362.74		362.78	0.007972	0.93			0.87	3.77	0.62
AV5449	950	Max WS	UF_Tr30_D1_APP	1.18	362.23	362.79		362.85	0.009434	1.08	0.06		1.10	5.16	0.69
AV5449	940	Max WS	UF_Tr30_D3_APP	1.21	361.60	362.00	362.01	362.14	0.023292	1.68		0.17	0.73	3.31	1.07
AV5449	940	Max WS	UF_Tr30_D6_APP	0.90	361.60	361.95	361.96	362.07	0.025871	1.58			0.57	2.70	1.10
AV5449	940	Max WS	UF_Tr30_D1_APP	1.35	361.60	362.02	362.04	362.17	0.022848	1.73		0.23	0.80	3.59	1.07
AV5449	930	Max WS	UF_Tr30_D3_APP	1.35	360.52	361.15		361.24	0.011709	1.34			1.01	3.29	0.77
AV5449	930	Max WS	UF_Tr30_D6_APP	0.98	360.52	361.08		361.16	0.010966	1.22			0.80	2.84	0.73
AV5449	930	Max WS	UF_Tr30_D1_APP	1.54	360.52	361.18		361.28	0.012186	1.40		0.02	1.10	3.49	0.79
AV5449	925	Max WS	UF_Tr30_D3_APP	0.63	360.18	360.92		360.93	0.000966	0.47	0.12	0.09	1.88	9.70	0.23
AV5449	925	Max WS	UF_Tr30_D6_APP	0.49	360.18	360.90		360.90	0.000780	0.41	0.09	0.07	1.62	9.22	0.20
AV5449	925	Max WS	UF_Tr30_D1_APP	0.83	360.18	360.94		360.95	0.001467	0.58	0.15	0.12	2.01	9.93	0.28
AV5449	923			Culvert											
AV5449	920	Max WS	UF_Tr30_D3_APP	0.63	360.00	360.46		360.54	0.013163	1.24		0.17	0.52	2.33	0.78
AV5449	920	Max WS	UF_Tr30_D6_APP	0.49	360.00	360.43		360.49	0.010730	1.08		0.10	0.46	2.07	0.70
AV5449	920	Max WS	UF_Tr30_D1_APP	0.83	360.00	360.50	360.47	360.60	0.015723	1.42		0.25	0.61	2.69	0.86
AV5449	915	Max WS	UF_Tr30_D3_APP	0.65	359.44	359.85	359.84	359.90	0.012125	1.09	0.29	0.34	0.98	9.66	0.74
AV5449	915	Max WS	UF_Tr30_D6_APP	0.56	359.44	359.83	359.83	359.88	0.016583	1.16	0.32	0.33	0.73	7.82	0.85
AV5449	915	Max WS	UF_Tr30_D1_APP	0.69	359.44	359.87		359.91	0.011058	1.08	0.28	0.34	1.10	10.76	0.72
AV5449	910	Max WS	UF_Tr30_D3_APP	1.21	358.62	359.16	359.17	359.33	0.024419	1.85			0.65	2.20	1.08
AV5449	910	Max WS	UF_Tr30_D6_APP	0.87	358.62	359.09	359.10	359.23	0.024569	1.70			0.51	1.95	1.06
AV5449	910	Max WS	UF_Tr30_D1_APP	1.50	358.62	359.21	359.23	359.40	0.024259	1.94			0.77	2.38	1.09
AV5449	909.99			Lat Struct											
AV5449	909.98			Lat Struct											
AV5449	905	Max WS	UF_Tr30_D3_APP	1.54	357.97	358.41		358.46	0.005704	0.92		0.25	1.80	7.57	0.55
AV5449	905	Max WS	UF_Tr30_D6_APP	1.04	357.97	358.35		358.38	0.006014	0.81		0.17	1.33	6.96	0.55
AV5449	905	Max WS	UF_Tr30_D1_APP	1.97	357.97	358.46		358.51	0.006013	1.02		0.25	2.12	8.77	0.58
AV5449	903	Max WS	UF_Tr30_D3_APP	1.45	357.41	358.28		358.32	0.002923	0.97	0.09	0.27	2.18	11.00	0.41
AV5449	903	Max WS	UF_Tr30_D6_APP	0.94	357.41	358.23		358.26	0.001819	0.72	0.10	0.17	1.79	7.69	0.32
AV5449	903	Max WS	UF_Tr30_D1_APP	1.77	357.41	358.31		358.36	0.003388	1.08	0.15	0.32	2.51	11.00	0.44
AV5449	901			Culvert											
AV5449	900	Max WS	UF_Tr30_D3_APP	1.45	357.31	357.96	357.95	358.13	0.018900	1.84		0.39	0.82	2.67	0.97
AV5449	900	Max WS	UF_Tr30_D6_APP	0.94	357.31	357.88		357.99	0.015657	1.51		0.21	0.63	2.22	0.86
AV5449	900	Max WS	UF_Tr30_D1_APP	1.77	357.31	358.00	358.02	358.20	0.019958	1.99		0.48	0.94	2.92	1.00
AV5449	890	Max WS	UF_Tr30_D3_APP	1.89	356.82	357.27	357.26	357.36	0.017271	1.30	0.20	0.21	1.54	10.37	0.91
AV5449	890	Max WS	UF_Tr30_D6_APP	1.17	356.82	357.22		357.28	0.017329	1.09		0.03	1.08	6.94	0.88
AV5449	890	Max WS	UF_Tr30_D1_APP	2.40	356.82	357.30	357.30	357.40	0.016082	1.39	0.25	0.29	1.94	12.91	0.91
AV5449	880	Max WS	UF_Tr30_D3_APP	1.90	356.33	356.94		356.99	0.006420	1.29	0.52	0.51	2.63	9.00	0.60
AV5449	880	Max WS	UF_Tr30_D6_APP	1.28	356.33	356.89		356.93	0.005042	1.06	0.40	0.39	2.17	9.00	0.52
AV5449	880	Max WS	UF_Tr30_D1_APP	2.32	356.33	356.98		357.03	0.006945	1.41	0.59	0.57	2.93	9.00	0.63
AV5449	870	Max WS	UF_Tr30_D3_APP	2.06	356.15	356.56	356.57	356.66	0.020460	1.59	0.21	0.63	1.78	10.40	1.02
AV5449	870	Max WS	UF_Tr30_D6_APP	1.57	356.15	356.52	356.54	356.62	0.024022	1.53	0.08	0.54	1.38	9.73	1.07
AV5449	870	Max WS	UF_Tr30_D1_APP	2.60	356.15	356.59	356.60	356.71	0.020825	1.73	0.28	0.72	2.10	10.90	1.05
AV5449	860	Max WS	UF_Tr30_D3_APP	0.23	355.36	355.76		355.79	0.009325	0.83		0.21	0.37	3.78	0.60
AV5449	860	Max WS	UF_Tr30_D6_APP	0.20	355.36	355.75		355.78	0.008515	0.78		0.19	0.33	3.46	0.57
AV5449	860	Max WS	UF_Tr30_D1_APP	0.30	355.36	355.78		355.82	0.009905	0.90	0.03	0.25	0.47	4.52	0.62
AV5449	855			Culvert											
AV5449	850	Max WS	UF_Tr30_D3_APP	0.22	355.16	355.53		355.56	0.012474	0.91		0.27	0.34	3.43	0.68
AV5449	850	Max WS	UF_Tr30_D6_APP	0.20	355.16	355.51	355.49	355.55	0.014646	0.95		0.26	0.27	2.96	0.73

HEC-RAS River: AV5449 Reach: AV5449 Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
AV5449	850	Max WS	UF_Tr30_D1_APP	0.30	355.16	355.57		355.60	0.010225	0.89		0.30	0.50	4.35	0.63
AV5449	700	Max WS	UF_Tr30_D3_APP	1.67	354.73	355.22	355.22	355.31	0.011268	1.44	0.31	0.27	1.63	12.00	0.79
AV5449	700	Max WS	UF_Tr30_D6_APP	1.26	354.73	355.17	355.14	355.26	0.012799	1.38	0.18	0.21	1.07	8.72	0.82
AV5449	700	Max WS	UF_Tr30_D1_APP	2.03	354.73	355.25	355.25	355.34	0.010854	1.50	0.37	0.35	2.02	12.24	0.79
AV5449	699.9			Lat Struct											
AV5449	699.8			Lat Struct											
AV5449	699	Max WS	UF_Tr30_D3_APP	2.36	353.72	354.39	354.41	354.52	0.011490	1.76	0.37	0.43	2.12	10.97	0.80
AV5449	699	Max WS	UF_Tr30_D6_APP	1.65	353.72	354.32	354.29	354.47	0.013558	1.72	0.29	0.20	1.04	4.14	0.85
AV5449	699	Max WS	UF_Tr30_D1_APP	2.85	353.72	354.43	354.44	354.56	0.010959	1.81	0.41	0.51	2.59	11.42	0.79
AV5449	698.80	Max WS	UF_Tr30_D3_APP	2.86	351.97	352.83	352.87	353.14	0.024303	2.51		0.52	1.17	2.58	1.11
AV5449	698.80	Max WS	UF_Tr30_D6_APP	1.85	351.97	352.69	352.72	352.94	0.025364	2.20		0.24	0.84	2.19	1.10
AV5449	698.80	Max WS	UF_Tr30_D1_APP	3.70	351.97	352.91	352.98	353.30	0.024372	2.76	0.16	0.66	1.41	2.83	1.13
AV5449	698.77	Max WS	UF_Tr30_D3_APP	2.91	351.58	352.46	352.41	352.65	0.014073	1.89	0.22		1.58	4.45	0.86
AV5449	698.77	Max WS	UF_Tr30_D6_APP	1.88	351.58	352.32		352.46	0.013067	1.66			1.13	2.61	0.80
AV5449	698.77	Max WS	UF_Tr30_D1_APP	3.76	351.58	352.54	352.54	352.76	0.014702	2.06	0.35		2.02	6.64	0.89
AV5449	698.70	Max WS	UF_Tr30_D3_APP	3.02	351.04	351.95		352.02	0.006174	1.25	0.24		2.71	9.71	0.60
AV5449	698.70	Max WS	UF_Tr30_D6_APP	1.95	351.04	351.82		351.89	0.007054	1.15			1.69	4.75	0.62
AV5449	698.70	Max WS	UF_Tr30_D1_APP	3.84	351.04	352.02		352.10	0.005950	1.32	0.36		3.38	9.88	0.60
AV5449	698.67	Max WS	UF_Tr30_D3_APP	3.06	350.75	351.64	351.73	352.00	0.025307	2.91	1.13	0.84	1.40	3.34	1.13
AV5449	698.67	Max WS	UF_Tr30_D6_APP	1.99	350.75	351.51	351.57	351.80	0.025553	2.53	0.90	0.65	0.99	2.88	1.09
AV5449	698.67	Max WS	UF_Tr30_D1_APP	3.75	350.75	351.71	351.83	352.11	0.025505	3.12	1.23	0.93	1.65	3.59	1.15
AV5449	698.57	Max WS	UF_Tr30_D3_APP	3.22	349.42	350.26		350.46	0.012310	1.96		0.32	1.67	3.19	0.83
AV5449	698.57	Max WS	UF_Tr30_D6_APP	2.09	349.42	350.11		350.26	0.013306	1.72		0.06	1.21	2.82	0.84
AV5449	698.57	Max WS	UF_Tr30_D1_APP	4.10	349.42	350.36		350.59	0.012208	2.12		0.44	1.99	3.43	0.83
AV5449	698.40	Max WS	UF_Tr30_D3_APP	3.79	347.83	348.96		349.17	0.013410	2.03	0.33		1.89	3.25	0.83
AV5449	698.40	Max WS	UF_Tr30_D6_APP	2.44	347.83	348.80		348.95	0.013213	1.75	0.09		1.39	2.78	0.79
AV5449	698.40	Max WS	UF_Tr30_D1_APP	4.80	347.83	349.06		349.31	0.013721	2.20	0.44		2.22	3.53	0.85
AV5449	698.30	Max WS	UF_Tr30_D3_APP	3.95	347.01	348.14		348.31	0.009976	1.82	0.20		2.18	3.74	0.74
AV5449	698.30	Max WS	UF_Tr30_D6_APP	2.53	347.01	347.97		348.10	0.009654	1.58			1.61	3.18	0.71
AV5449	698.30	Max WS	UF_Tr30_D1_APP	5.00	347.01	348.23		348.43	0.010213	1.98	0.33		2.56	4.10	0.77
AV5449	698.20	Max WS	UF_Tr30_D3_APP	4.11	346.61	347.41	347.46	347.70	0.023525	2.39			1.72	3.90	1.15
AV5449	698.20	Max WS	UF_Tr30_D6_APP	2.63	346.61	347.27	347.31	347.51	0.023854	2.14			1.23	3.34	1.13
AV5449	698.20	Max WS	UF_Tr30_D1_APP	5.19	346.61	347.50	347.56	347.82	0.023363	2.51			2.07	4.36	1.16
AV5449	698.13	Max WS	UF_Tr30_D3_APP	4.22	345.66	346.51	346.55	346.75	0.020534	2.18			1.93	4.60	1.07
AV5449	698.13	Max WS	UF_Tr30_D6_APP	2.70	345.66	346.39	346.37	346.57	0.016446	1.86			1.45	3.65	0.94
AV5449	698.13	Max WS	UF_Tr30_D1_APP	5.31	345.66	346.57	346.62	346.84	0.021432	2.34	0.48		2.41	6.71	1.11
AV5449	698.07	Max WS	UF_Tr30_D3_APP	4.33	345.09	345.63	345.75	346.00	0.047799	2.71			1.60	5.49	1.60
AV5449	698.07	Max WS	UF_Tr30_D6_APP	2.77	345.09	345.51	345.63	345.88	0.061876	2.67			1.04	4.41	1.76
AV5449	698.07	Max WS	UF_Tr30_D1_APP	5.43	345.09	345.71	345.82	346.06	0.038353	2.62			2.07	6.32	1.46
AV5449	698.02	Max WS	UF_Tr30_D3_APP	4.41	343.66	345.20		345.27	0.000973	1.13			3.90	7.24	0.30
AV5449	698.02	Max WS	UF_Tr30_D6_APP	2.81	343.66	344.84		344.88	0.001046	0.96			2.92	5.01	0.30
AV5449	698.02	Max WS	UF_Tr30_D1_APP	5.31	343.66	345.37		345.45	0.000978	1.22			4.36	8.50	0.31
AV5449	698.01			Culvert											
AV5449	698	Max WS	UF_Tr30_D3_APP	4.41	343.19	344.16		344.34	0.005010	1.87			2.35	4.07	0.63
AV5449	698	Max WS	UF_Tr30_D6_APP	2.81	343.19	343.96		344.08	0.004815	1.55			1.82	3.78	0.59
AV5449	698	Max WS	UF_Tr30_D1_APP	5.31	343.19	344.28		344.49	0.004767	1.99			2.67	4.25	0.63
AV5449	697.79	Max WS	UF_Tr30_D3_APP	4.72	342.30	343.60		343.72	0.005586	1.55	0.24		3.09	4.74	0.58
AV5449	697.79	Max WS	UF_Tr30_D6_APP	3.01	342.30	343.45		343.53	0.004341	1.23	0.05		2.45	4.04	0.50
AV5449	697.79	Max WS	UF_Tr30_D1_APP	5.85	342.30	343.65		343.81	0.006734	1.77	0.32		3.48	5.84	0.64
AV5449	697.65	Max WS	UF_Tr30_D3_APP	2.91	342.30	342.95		343.03	0.008423	1.44	0.72	0.35	2.92	9.60	0.70
AV5449	697.65	Max WS	UF_Tr30_D6_APP	2.28	342.30	342.83		342.94	0.016128	1.68	0.78		1.85	6.79	0.93
AV5449	697.65	Max WS	UF_Tr30_D1_APP	3.00	342.30	343.09		343.12	0.003131	1.05	0.54	0.32	4.22	9.64	0.45
AV5449	697.6			Lat Struct											
AV5449	697.59			Lat Struct											
AV5449	697.50	Max WS	UF_Tr30_D3_APP	4.10	340.32	342.83		342.83	0.000086	0.31	0.05	0.05	13.65	11.68	0.08
AV5449	697.50	Max WS	UF_Tr30_D6_APP	2.62	340.32	341.79		341.81	0.000638	0.56			4.66	6.09	0.21
AV5449	697.50	Max WS	UF_Tr30_D1_APP	4.35	340.32	343.04		343.05	0.000058	0.28	0.06	0.05	16.31	12.89	0.07
AV5449	697.45			Culvert											
AV5449	697.40	Max WS	UF_Tr30_D3_APP	4.10	337.42	338.24		338.33	0.005805	1.39			2.94	5.43	0.60
AV5449	697.40	Max WS	UF_Tr30_D6_APP	2.62	337.42	338.03		338.12	0.007688	1.36			1.93	4.58	0.67
AV5449	697.40	Max WS	UF_Tr30_D1_APP	4.35	337.42	338.27		338.37	0.005609	1.39			3.12	5.58	0.60
AV5449	697.39			Lat Struct											
AV5449	697.38			Lat Struct											
AV5449	697.30	Max WS	UF_Tr30_D3_APP	4.10	337.13	338.14	337.96	338.33	0.009186	1.95	0.18		2.11	2.71	0.70
AV5449	697.30	Max WS	UF_Tr30_D6_APP	2.62	337.13	337.94	337.78	338.08	0.008702	1.64	0.08		1.60	2.61	0.67
AV5449	697.30	Max WS	UF_Tr30_D1_APP	4.35	337.13	338.17	337.98	338.37	0.009254	1.99	0.19		2.19	2.73	0.70
AV5449	697.25			Bridge											
AV5449	697.20	Max WS	UF_Tr30_D3_APP	4.10	337.13	337.93	337.96	338.28	0.022113	2.60	0.13		1.58	2.60	1.06
AV5449	697.20	Max WS	UF_Tr30_D6_APP	2.62	337.13	337.77	337.78	338.03	0.021966	2.24			1.17	2.46	1.04
AV5449	697.20	Max WS	UF_Tr30_D1_APP	4.35	337.13	337.96	337.98	338.32	0.022206	2.66	0.15		1.64	2.61	1.07
AV5449	697	Max WS	UF_Tr30_D3_APP	4.05	336.52	337.52		337.72	0.011174	2.02		0.56	2.36	5.29	0.78
AV5449	697	Max WS	UF_Tr30_D6_APP	2.61	336.52	337.42		337.55	0.008398	1.60		0.30	1.82	5.24	0.67
AV5449	697	Max WS	UF_Tr30_D1_APP	4.28	336.52	337.54		337.74	0.011371	2.06		0.60	2.46	5.32	0.79
AV5449	696.33	Max WS	UF_Tr30_D3_APP	2.92	336.42	337.28		337.33	0.003421	1.07	0.15	0.35	3.56	10.00	0.47
AV5449	696.33	Max WS	UF_Tr30_D6_APP	2.15	336.42	337.19		337.24	0.003675	0.99	0.07	0.27	2.73	9.78	0.47
AV5449	696.33	Max WS	UF_Tr30_D1_APP	3.05	336.42	337.30		337.35	0.003223	1.06	0.16	0.36	3.76	10.06	0.45
AV5449	696.05			Bridge											
AV5449	696	Max WS	UF_Tr30_D3_APP	2.33	336.10	336.83		337.02	0.013324	1.93			1.21	2.91	0.86
AV5449	696	Max WS	UF_Tr30_D6_APP	2.01	336.10	336.80		336.96	0.012426	1.78			1.13	2.81	0.82
AV5449	696	Max WS	UF_Tr30_D1_APP	2.39	336.10	336.84		337.04	0.013404	1.95			1.23	2.94	0.87

HEC-RAS River: AV5449 Reach: AV5449 Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
AV5449	695.78	Max WS	UF_Tr30_D3_APP	2.39	335.74	336.48		336.55	0.007058	1.14	0.01	0.04	2.09	6.37	0.62
AV5449	695.78	Max WS	UF_Tr30_D6_APP	2.05	335.74	336.44		336.51	0.007143	1.11			1.84	5.64	0.62
AV5449	695.78	Max WS	UF_Tr30_D1_APP	2.50	335.74	336.51		336.57	0.006326	1.13	0.07	0.08	2.24	7.92	0.60
AV5449	695.33	Max WS	UF_Tr30_D3_APP	2.90	335.22	335.83		335.94	0.011861	1.63	0.13	0.59	2.39	8.63	0.83
AV5449	695.33	Max WS	UF_Tr30_D6_APP	1.91	335.22	335.81		335.87	0.006244	1.15	0.06	0.40	2.23	8.55	0.60
AV5449	695.33	Max WS	UF_Tr30_D1_APP	3.16	335.22	335.84		335.96	0.012157	1.69	0.16	0.63	2.51	8.69	0.84
AV5449	695	Max WS	UF_Tr30_D3_APP	0.79	334.62	335.52		335.53	0.000375	0.39	0.08	0.14	2.65	5.61	0.14
AV5449	695	Max WS	UF_Tr30_D6_APP	0.75	334.62	335.79		335.79	0.000099	0.24	0.06	0.10	4.36	7.46	0.08
AV5449	695	Max WS	UF_Tr30_D1_APP	1.81	334.62	335.22		335.38	0.014273	1.73			1.04	2.26	0.81
AV5449	694	Max WS	UF_Tr30_D3_APP	0.80	333.58	335.52		335.52	0.000017	0.13	0.05	0.06	9.20	8.23	0.03
AV5449	694	Max WS	UF_Tr30_D6_APP	1.04	333.58	335.79		335.79	0.000015	0.14	0.06	0.06	11.43	8.23	0.03
AV5449	694	Max WS	UF_Tr30_D1_APP	1.46	333.58	334.49		334.53	0.002776	0.96	0.16	0.16	1.76	5.60	0.36
AV5449	693.70	Max WS	UF_Tr30_D3_APP	1.09	333.30	335.52		335.52	0.000004	0.08	0.03	0.03	18.92	11.95	0.02
AV5449	693.70	Max WS	UF_Tr30_D6_APP	1.20	333.30	335.79		335.79	0.000003	0.08	0.03	0.03	22.16	11.95	0.02
AV5449	693.70	Max WS	UF_Tr30_D1_APP	1.13	333.30	334.48		334.49	0.000099	0.23	0.08	0.08	6.57	11.95	0.08
AV5449	693.30	Max WS	UF_Tr30_D3_APP	1.33	332.88	335.52		335.52	0.000003	0.08	0.03	0.03	24.68	11.34	0.02
AV5449	693.30	Max WS	UF_Tr30_D6_APP	1.41	332.88	335.79		335.79	0.000002	0.08	0.03	0.03	27.75	11.34	0.01
AV5449	693.30	Max WS	UF_Tr30_D1_APP	1.12	332.88	334.48		334.48	0.000013	0.12	0.05	0.05	12.95	11.34	0.03
AV5449	693	Max WS	UF_Tr30_D3_APP	1.43	332.12	335.52		335.52	0.000001	0.06	0.03	0.02	39.65	16.92	0.01
AV5449	693	Max WS	UF_Tr30_D6_APP	1.49	332.12	335.79		335.79	0.000001	0.05	0.02	0.02	44.23	16.92	0.01
AV5449	693	Max WS	UF_Tr30_D1_APP	1.13	332.12	334.48		334.48	0.000004	0.08	0.04	0.03	22.15	16.92	0.02
AV5449	692.4			Culvert											
AV5449	692.3			Lat Struct											
AV5449	692.2			Lat Struct											
AV5449	692	Max WS	UF_Tr30_D3_APP	1.43	331.76	333.39		333.40	0.000891	0.60	0.26	0.29	3.48	5.57	0.16
AV5449	692	Max WS	UF_Tr30_D6_APP	1.49	331.76	333.39		333.41	0.000940	0.62	0.27	0.30	3.52	5.58	0.16
AV5449	692	Max WS	UF_Tr30_D1_APP	1.13	331.76	333.32		333.33	0.000720	0.53	0.22	0.24	3.14	5.43	0.14
AV5449	691.50	Max WS	UF_Tr30_D3_APP	1.43	332.14	333.38		333.38	0.000346	0.36			3.92	6.42	0.15
AV5449	691.50	Max WS	UF_Tr30_D6_APP	1.49	332.14	333.38		333.39	0.000366	0.38			3.96	6.46	0.15
AV5449	691.50	Max WS	UF_Tr30_D1_APP	1.13	332.14	333.32		333.32	0.000283	0.32			3.54	6.09	0.13
AV5449	691	Max WS	UF_Tr30_D3_APP	1.41	331.35	333.38	332.11	333.38	0.000056	0.20	0.03	0.06	7.96	12.53	0.06
AV5449	691	Max WS	UF_Tr30_D6_APP	1.47	331.35	333.38	332.12	333.39	0.000060	0.21	0.04	0.06	8.05	12.53	0.06
AV5449	691	Max WS	UF_Tr30_D1_APP	1.13	331.35	333.32	332.04	333.32	0.000045	0.17	0.02	0.05	7.20	12.53	0.06
AV5449	690.5			Bridge											
AV5449	690.20	Max WS	UF_Tr30_D3_APP	1.41	331.35	333.37		333.37	0.000058	0.20	0.03	0.06	7.89	12.53	0.06
AV5449	690.20	Max WS	UF_Tr30_D6_APP	1.47	331.35	333.38		333.38	0.000061	0.21	0.04	0.06	7.98	12.53	0.07
AV5449	690.20	Max WS	UF_Tr30_D1_APP	1.13	331.35	333.31		333.31	0.000046	0.17	0.02	0.05	7.15	12.53	0.06
AV5449	690	Max WS	UF_Tr30_D3_APP	1.28	331.38	333.37	331.96	333.37	0.000039	0.18	0.04	0.03	7.67	9.80	0.05
AV5449	690	Max WS	UF_Tr30_D6_APP	1.32	331.38	333.38	331.96	333.38	0.000041	0.19	0.04	0.03	7.74	9.83	0.05
AV5449	690	Max WS	UF_Tr30_D1_APP	1.13	331.38	333.31	331.93	333.31	0.000037	0.17	0.03	0.02	7.09	9.48	0.05
AV5449	689.8			Bridge											
AV5449	689.73	Max WS	UF_Tr30_D3_APP	1.28	331.38	333.37		333.37	0.000040	0.18	0.04	0.03	7.65	9.78	0.05
AV5449	689.73	Max WS	UF_Tr30_D6_APP	1.32	331.38	333.38		333.38	0.000041	0.19	0.04	0.03	7.71	9.82	0.05
AV5449	689.73	Max WS	UF_Tr30_D1_APP	1.13	331.38	333.31		333.31	0.000037	0.17	0.03	0.02	7.08	9.47	0.05
AV5449	689.6	Max WS	UF_Tr30_D3_APP	1.18	331.14	333.37		333.37	0.000011	0.11	0.01	0.03	12.75	20.44	0.03
AV5449	689.6	Max WS	UF_Tr30_D6_APP	1.21	331.14	333.38		333.38	0.000012	0.11	0.01	0.03	12.88	20.69	0.03
AV5449	689.6	Max WS	UF_Tr30_D1_APP	1.13	331.14	333.31		333.31	0.000017	0.17			6.49	18.14	0.04
AV5449	689.25			Culvert											
AV5449	689	Max WS	UF_Tr30_D3_APP	1.15	331.14	332.06		332.07	0.000429	0.46			2.48	3.97	0.17
AV5449	689	Max WS	UF_Tr30_D6_APP	1.21	331.14	332.09		332.11	0.000413	0.47			2.59	4.03	0.17
AV5449	689	Max WS	UF_Tr30_D1_APP	1.13	331.14	331.97		331.98	0.000627	0.51			2.20	3.78	0.20
AV5449	688.50	Max WS	UF_Tr30_D3_APP	1.43	331.00	331.97		331.98	0.000985	0.56	0.10	0.19	3.41	10.69	0.25
AV5449	688.50	Max WS	UF_Tr30_D6_APP	1.48	331.00	332.01		332.02	0.000815	0.53	0.11	0.19	3.79	11.00	0.23
AV5449	688.50	Max WS	UF_Tr30_D1_APP	1.12	331.00	331.69		331.75	0.008539	1.09		0.07	1.04	4.73	0.65
AV5449	688.08	Max WS	UF_Tr30_D3_APP	-0.02	330.29	331.97		331.97	0.000000	0.00	0.00	0.00	6.96	13.73	0.00
AV5449	688.08	Max WS	UF_Tr30_D6_APP	-0.43	330.29	332.02		332.02	0.000008	-0.08	-0.02	-0.02	7.62	13.73	0.02
AV5449	688.08	Max WS	UF_Tr30_D1_APP	1.09	330.29	331.63		331.63	0.000249	0.34	0.04	0.07	3.28	4.66	0.12
AV5449	688.04			Culvert											
AV5449	688	Max WS	UF_Tr30_D3_APP	-0.02	330.11	331.97		331.97	0.000000	0.00	0.00	0.00	6.85	16.02	0.00
AV5449	688	Max WS	UF_Tr30_D6_APP	-1.19	330.11	332.02		332.02	0.000053	-0.21	-0.05	-0.04	7.68	16.02	0.06
AV5449	688	Max WS	UF_Tr30_D1_APP	1.08	330.11	331.62		331.62	0.000156	0.29	0.04	0.05	3.80	4.59	0.09
AV5449	687	Max WS	UF_Tr30_D3_APP	-0.45	329.91	331.97		331.97	0.000006	-0.06	-0.02	-0.01	8.47	14.02	0.02
AV5449	687	Max WS	UF_Tr30_D6_APP	-2.45	329.91	332.05		332.06	0.000124	-0.32	-0.09	-0.07	9.60	14.02	0.09
AV5449	687	Max WS	UF_Tr30_D1_APP	1.08	329.91	331.62		331.62	0.000101	0.23	0.02		4.81	6.46	0.08

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "FOSSO DELLE GOLINE"

FOSSO DELLE GOLINE

MODELLAZIONE PER TR=30 e 200 ANNI

DURATA DI PIOGGIA: 0.5, 1 e 2 h

Profilo longitudinale

Sezioni Trasversali

Dati idraulici

ALLEGATI

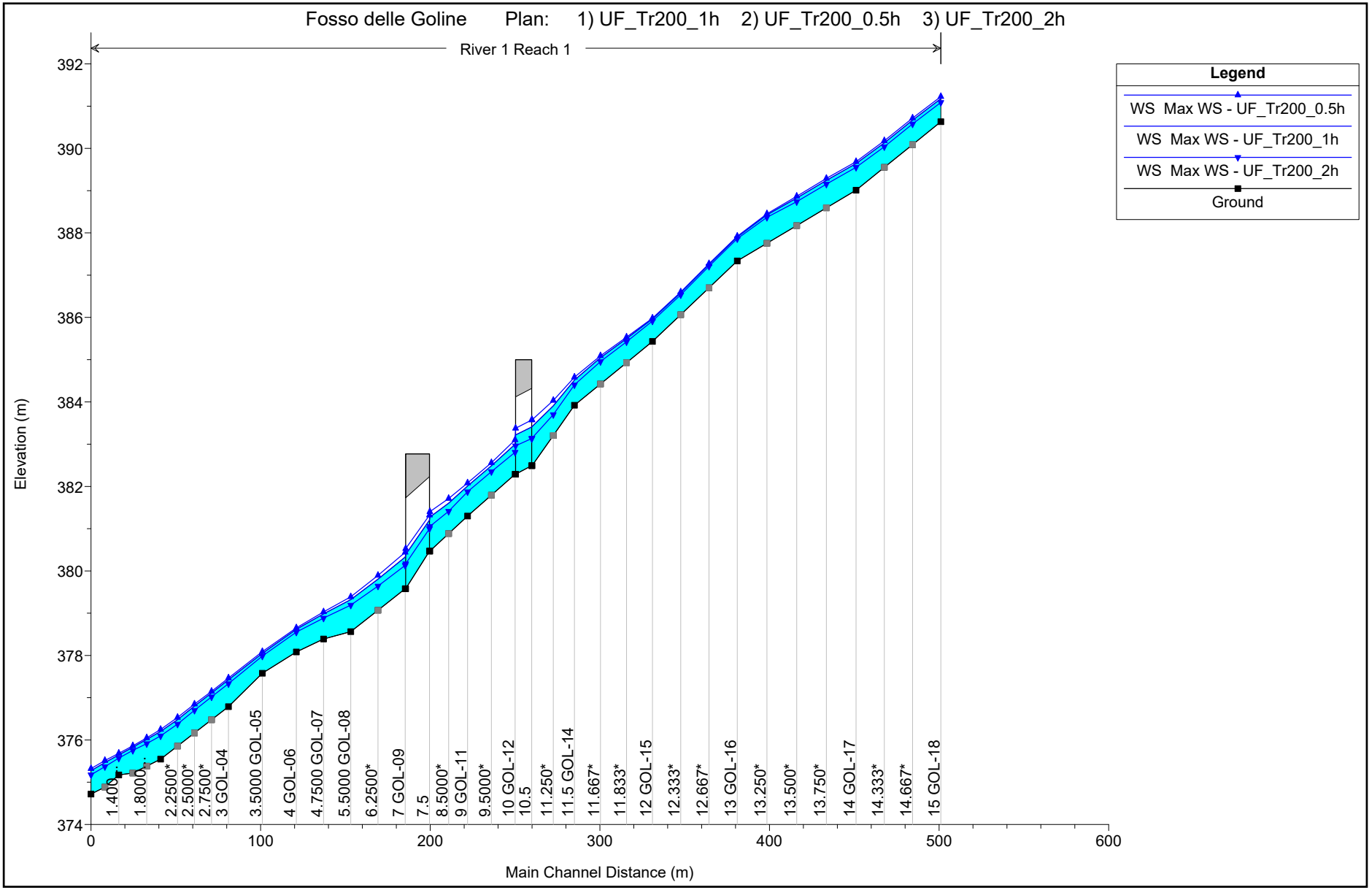
MODELLAZIONE HEC-RAS 5.0.7 "FOSSO DELLE GOLINE"

FOSSO DELLE GOLINE

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 0.5, 1 e 2 h

Profilo longitudinale


Fosso delle Goline Plan: 1) UF_Tr200_1h 2) UF_Tr200_0.5h 3) UF_Tr200_2h
River 1 Reach 1
Legend
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_2h
Ground
Elevation (m)
Main Channel Distance (m)
392
390
388
386
384
382
380
378
376
374
0
100
200
300
400
500
600
1.400
1.8000
2.2500*
2.5000*
2.7500*
3 GOL-04
3.5000 GOL-05
4 GOL-06
4.7500 GOL-07
5.5000 GOL-08
6.2500*
7 GOL-09
7.5
8.5000*
9 GOL-11
9.5000*
10 GOL-12
10.5
11.250*
11.5 GOL-14
11.667*
11.833*
12 GOL-15
12.333*
12.667*
13 GOL-16
13.250*
13.500*
13.750*
14 GOL-17
14.333*
14.667*
15 GOL-18

ALLEGATI

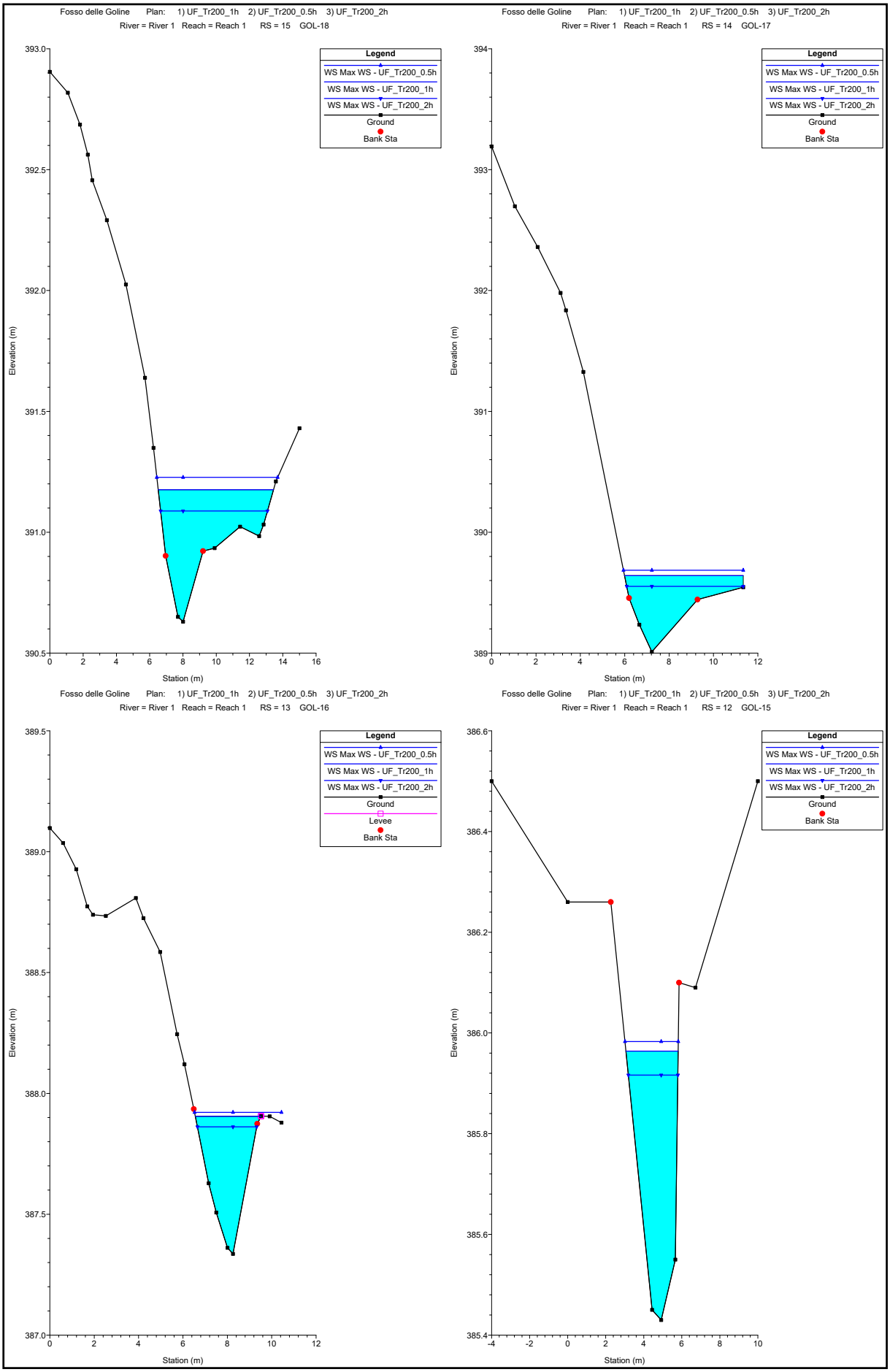
MODELLAZIONE HEC-RAS 5.0.7 "FOSSO DELLE GOLINE"

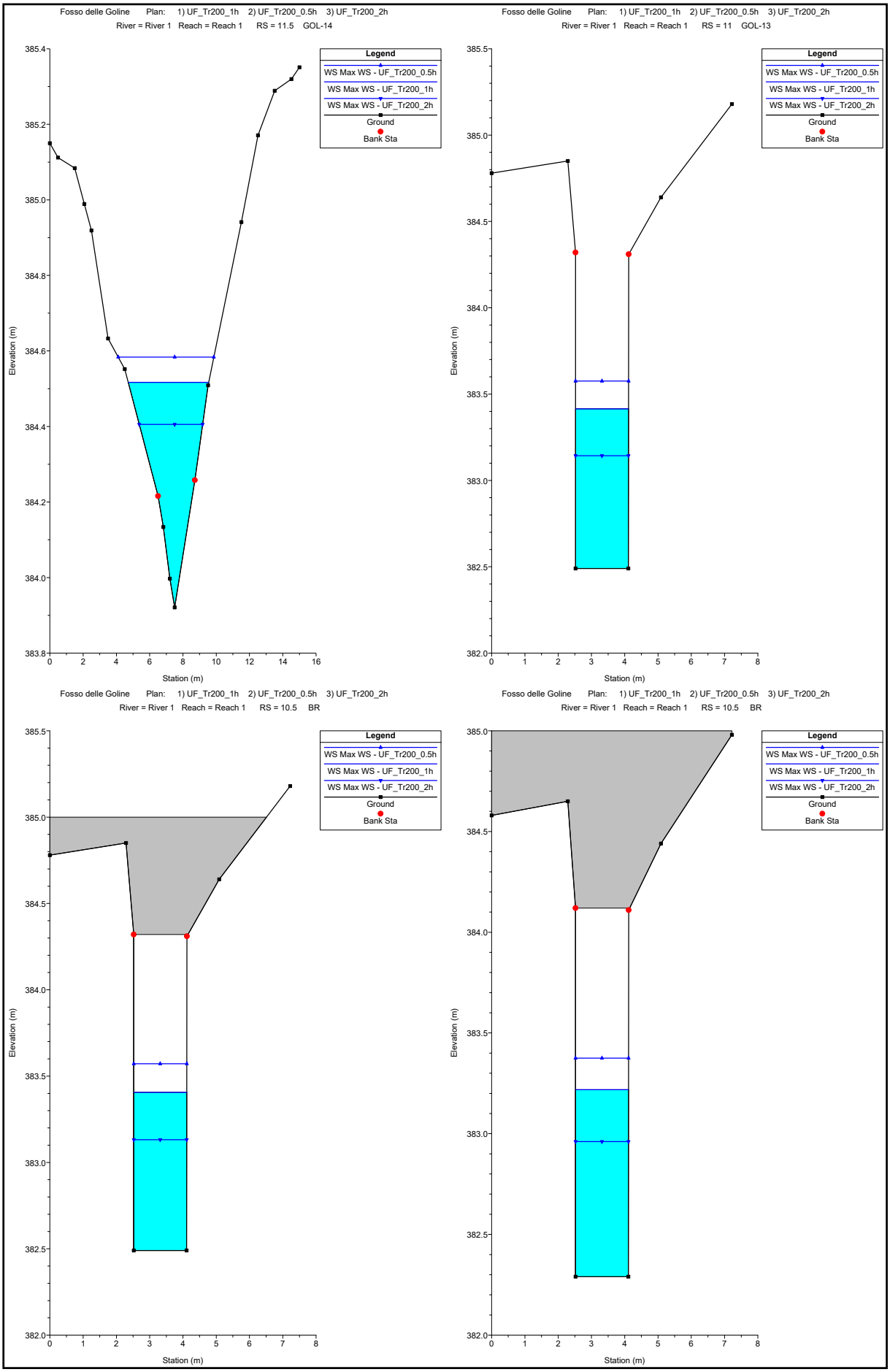
FOSSO DELLE GOLINE

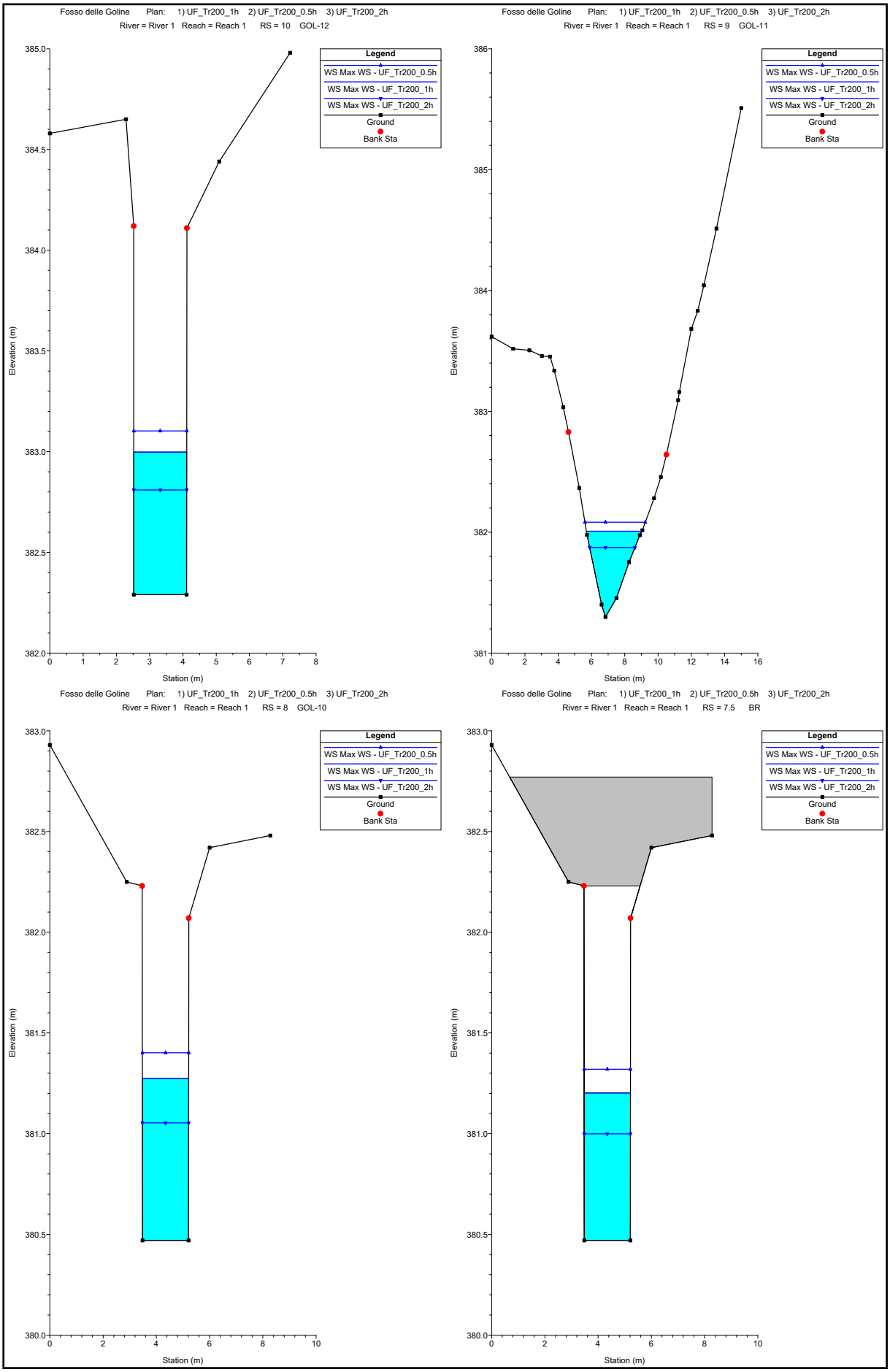
MODELLAZIONE PER TR= 200 anni

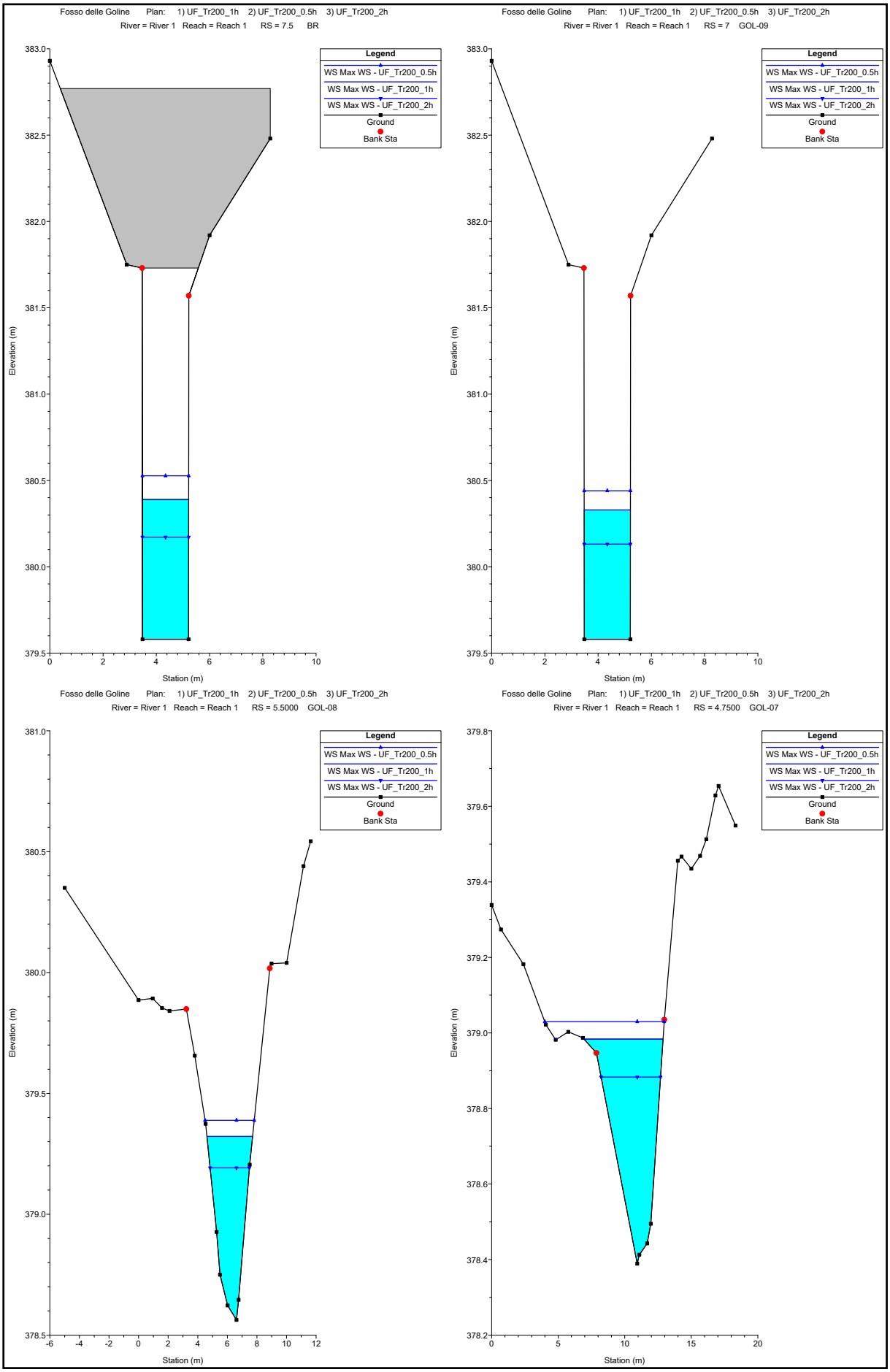
DURATE DI PIOGGIA: 0.5, 1 e 2 h

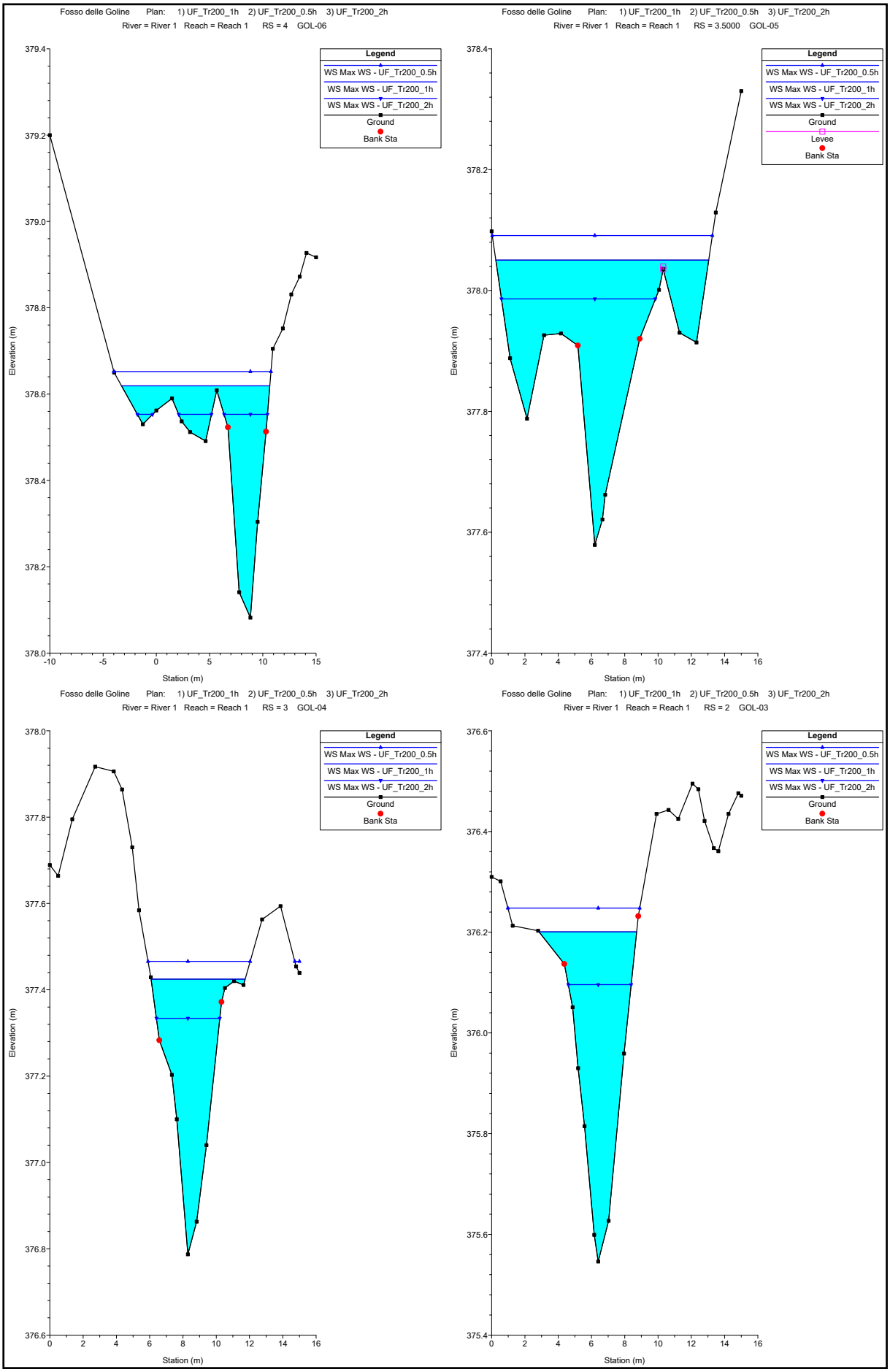
Sezioni Trasversali (da monte verso valle)

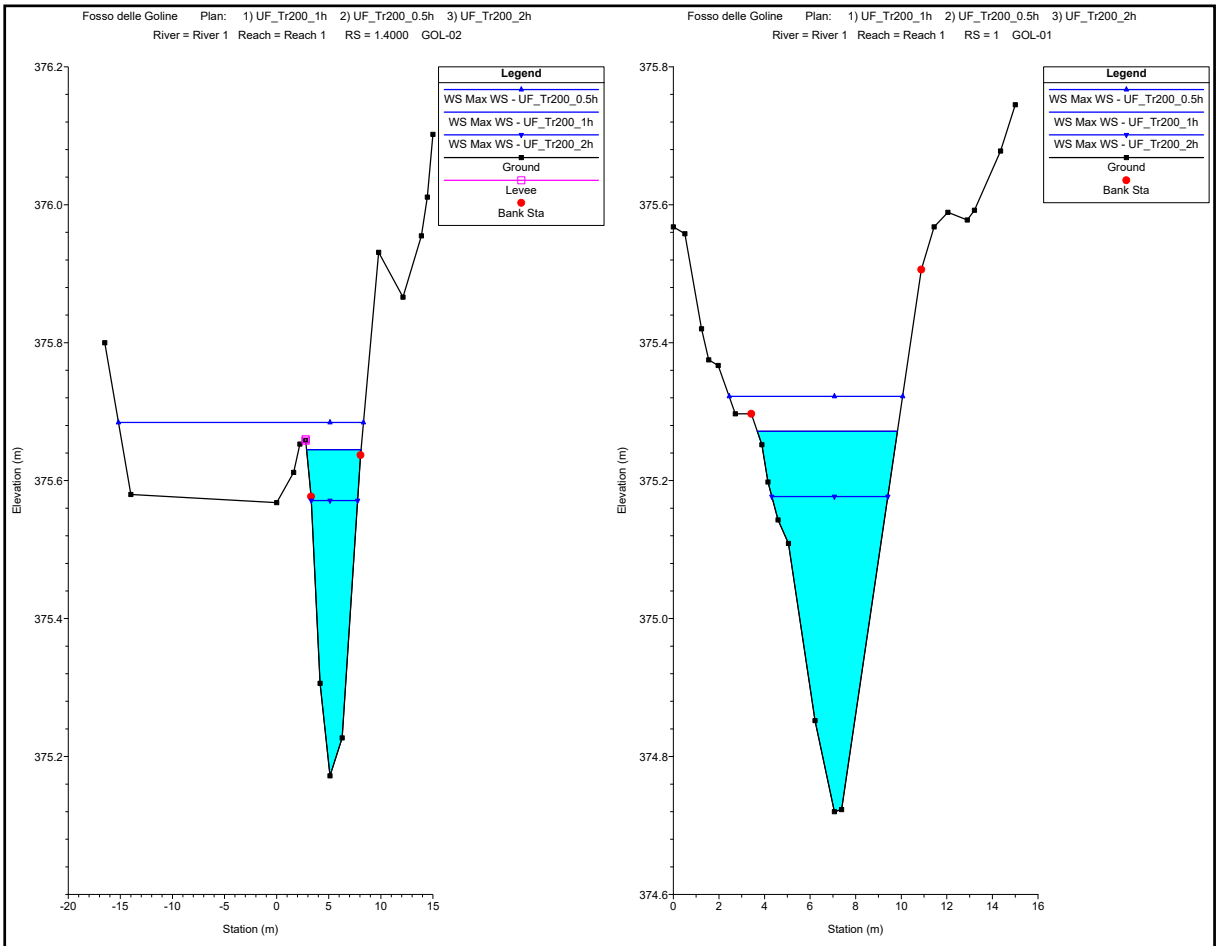

Fosso delle Goline Plan: 1) UF_Tr200_1h 2) UF_Tr200_0.5h 3) UF_Tr200_2h
River = River 1 Reach = Reach 1 RS = 15 GOL-18
Legend
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_2h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso delle Goline Plan: 1) UF_Tr200_1h 2) UF_Tr200_0.5h 3) UF_Tr200_2h
River = River 1 Reach = Reach 1 RS = 14 GOL-17
Legend
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_2h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso delle Goline Plan: 1) UF_Tr200_1h 2) UF_Tr200_0.5h 3) UF_Tr200_2h
River = River 1 Reach = Reach 1 RS = 13 GOL-16
Legend
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_2h
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Fosso delle Goline Plan: 1) UF_Tr200_1h 2) UF_Tr200_0.5h 3) UF_Tr200_2h
River = River 1 Reach = Reach 1 RS = 12 GOL-15
Legend
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_2h
Ground
Bank Sta
Elevation (m)
Station (m)


Fosso delle Goline Plan: 1) UF_Tr200_1h 2) UF_Tr200_0.5h 3) UF_Tr200_2h
River = River 1 Reach = Reach 1 RS = 11.5 GOL-14
Legend
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_2h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso delle Goline Plan: 1) UF_Tr200_1h 2) UF_Tr200_0.5h 3) UF_Tr200_2h
River = River 1 Reach = Reach 1 RS = 11 GOL-13
Legend
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_2h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso delle Goline Plan: 1) UF_Tr200_1h 2) UF_Tr200_0.5h 3) UF_Tr200_2h
River = River 1 Reach = Reach 1 RS = 10.5 BR
Legend
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_2h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso delle Goline Plan: 1) UF_Tr200_1h 2) UF_Tr200_0.5h 3) UF_Tr200_2h
River = River 1 Reach = Reach 1 RS = 10.5 BR
Legend
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_2h
Ground
Bank Sta
Elevation (m)
Station (m)


Fosso delle Goline Plan: 1) UF_Tr200_1h 2) UF_Tr200_0.5h 3) UF_Tr200_2h
River = River 1 Reach = Reach 1 RS = 10 GOL-12
Legend
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_2h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso delle Goline Plan: 1) UF_Tr200_1h 2) UF_Tr200_0.5h 3) UF_Tr200_2h
River = River 1 Reach = Reach 1 RS = 9 GOL-11
Legend
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_2h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso delle Goline Plan: 1) UF_Tr200_1h 2) UF_Tr200_0.5h 3) UF_Tr200_2h
River = River 1 Reach = Reach 1 RS = 8 GOL-10
Legend
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_2h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso delle Goline Plan: 1) UF_Tr200_1h 2) UF_Tr200_0.5h 3) UF_Tr200_2h
River = River 1 Reach = Reach 1 RS = 7.5 BR
Legend
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_2h
Ground
Bank Sta
Elevation (m)
Station (m)


Fosso delle Goline Plan: 1) UF_Tr200_1h 2) UF_Tr200_0.5h 3) UF_Tr200_2h
River = River 1 Reach = Reach 1 RS = 7.5 BR
Legend
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_2h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso delle Goline Plan: 1) UF_Tr200_1h 2) UF_Tr200_0.5h 3) UF_Tr200_2h
River = River 1 Reach = Reach 1 RS = 7 GOL-09
Legend
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_2h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso delle Goline Plan: 1) UF_Tr200_1h 2) UF_Tr200_0.5h 3) UF_Tr200_2h
River = River 1 Reach = Reach 1 RS = 5.5000 GOL-08
Legend
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_2h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso delle Goline Plan: 1) UF_Tr200_1h 2) UF_Tr200_0.5h 3) UF_Tr200_2h
River = River 1 Reach = Reach 1 RS = 4.7500 GOL-07
Legend
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_2h
Ground
Bank Sta
Elevation (m)
Station (m)


Fosso delle Goline Plan: 1) UF_Tr200_1h 2) UF_Tr200_0.5h 3) UF_Tr200_2h
River = River 1 Reach = Reach 1 RS = 4 GOL-06
Legend
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_2h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso delle Goline Plan: 1) UF_Tr200_1h 2) UF_Tr200_0.5h 3) UF_Tr200_2h
River = River 1 Reach = Reach 1 RS = 3.5000 GOL-05
Legend
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_2h
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Fosso delle Goline Plan: 1) UF_Tr200_1h 2) UF_Tr200_0.5h 3) UF_Tr200_2h
River = River 1 Reach = Reach 1 RS = 3 GOL-04
Legend
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_2h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso delle Goline Plan: 1) UF_Tr200_1h 2) UF_Tr200_0.5h 3) UF_Tr200_2h
River = River 1 Reach = Reach 1 RS = 2 GOL-03
Legend
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_2h
Ground
Bank Sta
Elevation (m)
Station (m)


Fosso delle Goline Plan: 1) UF_Tr200_1h 2) UF_Tr200_0.5h 3) UF_Tr200_2h
River = River 1 Reach = Reach 1 RS = 1.4000 GOL-02
Legend
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_2h
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Fosso delle Goline Plan: 1) UF_Tr200_1h 2) UF_Tr200_0.5h 3) UF_Tr200_2h
River = River 1 Reach = Reach 1 RS = 1 GOL-01
Legend
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_2h
Ground
Bank Sta
Elevation (m)
Station (m)

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "FOSSO DELLE GOLINE"

FOSSO DELLE GOLINE

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 0.5, 1 e 2 h

Dati idraulici

HEC-RAS River: River 1 Reach: Reach 1 Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Reach 1	15	Max WS	UF_Tr200_1h	3.40	390.63	391.18	391.27	391.50	0.032197	2.81	0.72	0.95	1.76	6.93	1.38
Reach 1	15	Max WS	UF_Tr200_0.5h	4.30	390.63	391.23	391.33	391.58	0.031889	3.01	0.80	1.08	2.12	7.26	1.40
Reach 1	15	Max WS	UF_Tr200_2h	2.10	390.63	391.09	391.17	391.35	0.033473	2.44	0.56	0.67	1.17	6.42	1.36
Reach 1	14.99			Lat Struct											
Reach 1	14	Max WS	UF_Tr200_1h	3.29	389.01	389.64	389.70	389.91	0.024020	2.39	0.43	0.70	1.60	5.35	1.19
Reach 1	14	Max WS	UF_Tr200_0.5h	4.01	389.01	389.69	389.76	390.00	0.024475	2.59	0.50	0.83	1.84	5.40	1.22
Reach 1	14	Max WS	UF_Tr200_2h	2.10	389.01	389.55	389.60	389.76	0.023941	2.03	0.28	0.39	1.13	5.25	1.14
Reach 1	13	Max WS	UF_Tr200_1h	2.37	387.34	387.91	388.01	388.26	0.042181	2.62		0.21	0.91	2.96	1.47
Reach 1	13	Max WS	UF_Tr200_0.5h	2.55	387.34	387.92	388.03	388.28	0.041615	2.67		0.28	0.98	3.92	1.47
Reach 1	13	Max WS	UF_Tr200_2h	1.92	387.34	387.86	387.96	388.17	0.041961	2.45			0.78	2.67	1.45
Reach 1	12	Max WS	UF_Tr200_1h	2.36	385.43	385.96	386.03	386.26	0.032752	2.39			0.99	2.75	1.27
Reach 1	12	Max WS	UF_Tr200_0.5h	2.52	385.43	385.98	386.05	386.28	0.032524	2.43			1.04	2.81	1.27
Reach 1	12	Max WS	UF_Tr200_2h	1.92	385.43	385.92	385.97	386.17	0.031764	2.24			0.86	2.60	1.24
Reach 1	11.99			Lat Struct											
Reach 1	11.5	Max WS	UF_Tr200_1h	3.39	383.92	384.52	384.68	384.98	0.039152	3.17	0.92	0.81	1.34	4.83	1.53
Reach 1	11.5	Max WS	UF_Tr200_0.5h	4.22	383.92	384.58	384.75	385.08	0.035458	3.32	0.95	0.87	1.69	5.75	1.49
Reach 1	11.5	Max WS	UF_Tr200_2h	2.10	383.92	384.41	384.53	384.78	0.044671	2.78	0.73	0.60	0.86	3.81	1.56
Reach 1	11	Max WS	UF_Tr200_1h	3.39	382.49	383.41	383.26	383.69	0.020129	2.30			1.47	1.59	0.77
Reach 1	11	Max WS	UF_Tr200_0.5h	4.23	382.49	383.58	383.38	383.88	0.020670	2.45			1.73	1.60	0.75
Reach 1	11	Max WS	UF_Tr200_2h	2.10	382.49	383.14	383.05	383.35	0.019535	2.02			1.04	1.59	0.80
Reach 1	10.5			Bridge											
Reach 1	10	Max WS	UF_Tr200_1h	3.39	382.29	383.00	383.06	383.46	0.041057	3.01			1.13	1.59	1.14
Reach 1	10	Max WS	UF_Tr200_0.5h	4.23	382.29	383.10	383.18	383.65	0.044035	3.27			1.29	1.59	1.16
Reach 1	10	Max WS	UF_Tr200_2h	2.10	382.29	382.81	382.85	383.14	0.036816	2.54			0.83	1.59	1.12
Reach 1	9	Max WS	UF_Tr200_1h	3.39	381.30	382.01	382.11	382.38	0.037331	2.70			1.25	3.34	1.41
Reach 1	9	Max WS	UF_Tr200_0.5h	4.23	381.30	382.08	382.19	382.48	0.034934	2.80			1.51	3.63	1.38
Reach 1	9	Max WS	UF_Tr200_2h	2.10	381.30	381.87	381.96	382.19	0.040444	2.48			0.85	2.72	1.42
Reach 1	8	Max WS	UF_Tr200_1h	3.39	380.47	381.27	381.20	381.58	0.023146	2.43			1.40	1.74	0.87
Reach 1	8	Max WS	UF_Tr200_0.5h	4.23	380.47	381.40	381.31	381.75	0.024314	2.62			1.62	1.74	0.87
Reach 1	8	Max WS	UF_Tr200_2h	2.10	380.47	381.05	381.00	381.27	0.021421	2.07			1.01	1.74	0.87
Reach 1	7.5			Bridge											
Reach 1	7	Max WS	UF_Tr200_1h	3.39	379.58	380.33	380.31	380.68	0.028140	2.61			1.30	1.74	0.96
Reach 1	7	Max WS	UF_Tr200_0.5h	4.23	379.58	380.44	380.42	380.85	0.030120	2.84			1.49	1.74	0.98
Reach 1	7	Max WS	UF_Tr200_2h	2.10	379.58	380.13	380.11	380.38	0.025207	2.20			0.95	1.74	0.95
Reach 1	5.5000	Max WS	UF_Tr200_1h	3.39	378.56	379.32	379.36	379.61	0.023578	2.39			1.42	3.09	1.13
Reach 1	5.5000	Max WS	UF_Tr200_0.5h	4.23	378.56	379.39	379.46	379.73	0.025368	2.59			1.63	3.32	1.18
Reach 1	5.5000	Max WS	UF_Tr200_2h	2.10	378.56	379.19	379.20	379.40	0.020363	2.01			1.04	2.66	1.02
Reach 1	4.7500	Max WS	UF_Tr200_1h	3.39	378.39	378.98	379.01	379.17	0.019505	1.94	0.16		1.77	6.05	1.04
Reach 1	4.7500	Max WS	UF_Tr200_0.5h	4.23	378.39	379.03	379.07	379.25	0.020135	2.11	0.28		2.14	8.97	1.08
Reach 1	4.7500	Max WS	UF_Tr200_2h	2.10	378.39	378.88	378.88	379.02	0.018729	1.65			1.27	4.46	0.99
Reach 1	4	Max WS	UF_Tr200_1h	3.39	378.08	378.62	378.70	378.88	0.028314	2.38	0.46	0.38	1.98	13.92	1.26
Reach 1	4	Max WS	UF_Tr200_0.5h	4.23	378.08	378.65	378.75	378.94	0.029287	2.57	0.59	0.47	2.45	14.75	1.31
Reach 1	4	Max WS	UF_Tr200_2h	2.10	378.08	378.55	378.62	378.74	0.024934	1.95	0.27	0.19	1.20	8.58	1.15
Reach 1	3.5000	Max WS	UF_Tr200_1h	3.39	377.58	378.05	378.11	378.26	0.032097	2.28	0.84	0.58	2.23	12.80	1.32
Reach 1	3.5000	Max WS	UF_Tr200_0.5h	4.23	377.58	378.09	378.15	378.30	0.028926	2.35	0.91	0.69	2.75	13.23	1.28
Reach 1	3.5000	Max WS	UF_Tr200_2h	2.10	377.58	377.99	378.04	378.17	0.035431	2.04	0.65	0.32	1.35	9.25	1.33
Reach 1	3	Max WS	UF_Tr200_1h	3.39	376.79	377.42	377.53	377.75	0.033095	2.53	0.51	0.18	1.39	5.66	1.35
Reach 1	3	Max WS	UF_Tr200_0.5h	4.23	376.79	377.47	377.61	377.86	0.034946	2.80	0.60	0.41	1.63	6.42	1.42
Reach 1	3	Max WS	UF_Tr200_2h	2.10	376.79	377.33	377.38	377.56	0.032665	2.11	0.25		1.00	3.81	1.29
Reach 1	2	Max WS	UF_Tr200_1h	3.39	375.55	376.20	376.26	376.44	0.024807	2.19	0.26		1.59	5.87	1.17
Reach 1	2	Max WS	UF_Tr200_0.5h	4.23	375.55	376.25	376.33	376.53	0.025367	2.37	0.39	0.10	1.94	7.92	1.21
Reach 1	2	Max WS	UF_Tr200_2h	2.10	375.55	376.10	376.12	376.28	0.023961	1.89			1.11	3.78	1.12
Reach 1	1.4000	Max WS	UF_Tr200_1h	3.39	375.17	375.65	375.70	375.92	0.032785	2.32	0.31	0.07	1.47	5.23	1.34
Reach 1	1.4000	Max WS	UF_Tr200_0.5h	4.23	375.17	375.68	375.73	375.84	0.020559	1.99	0.51	0.19	3.49	23.52	1.08
Reach 1	1.4000	Max WS	UF_Tr200_2h	2.10	375.17	375.57	375.61	375.75	0.027992	1.88			1.12	4.45	1.20
Reach 1	1	Max WS	UF_Tr200_1h	3.39	374.72	375.27	375.31	375.47	0.026437	1.97			1.72	6.15	1.19
Reach 1	1	Max WS	UF_Tr200_0.5h	4.22	374.72	375.32	375.36	375.54	0.025400	2.06	0.21		2.07	7.61	1.18
Reach 1	1	Max WS	UF_Tr200_2h	2.10	374.72	375.18	375.20	375.33	0.026836	1.76			1.19	5.09	1.16

ALLEGATI

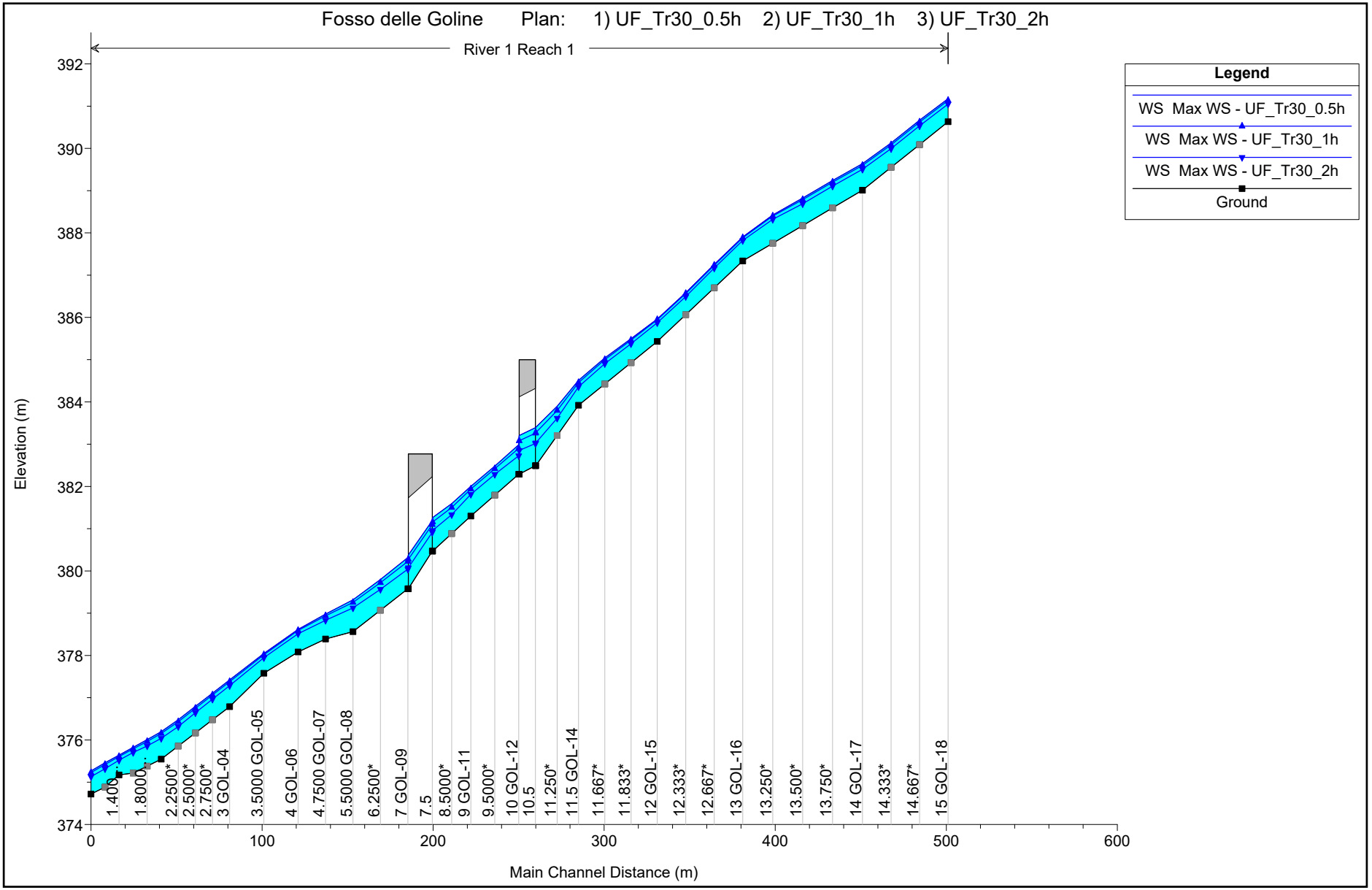
MODELLAZIONE HEC-RAS 5.0.7 "FOSSO DELLE GOLINE"

FOSSO DELLE GOLINE

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 0.5, 1 e 2 h

Profilo longitudinale


Fosso delle Goline Plan: 1) UF_Tr30_0.5h 2) UF_Tr30_1h 3) UF_Tr30_2h
River 1 Reach 1
Legend
WS Max WS - UF_Tr30_0.5h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_2h
Ground
Elevation (m)
Main Channel Distance (m)
392
390
388
386
384
382
380
378
376
374
0
100
200
300
400
500
600
1.400
1.8000
2.2500*
2.5000*
2.7500*
3 GOL-04
3.5000 GOL-05
4 GOL-06
4.7500 GOL-07
5.5000 GOL-08
6.2500*
7 GOL-09
7.5
8.5000*
9 GOL-11
9.5000*
10 GOL-12
10.5
11.250*
11.5 GOL-14
11.667*
11.833*
12 GOL-15
12.333*
12.667*
13 GOL-16
13.250*
13.500*
13.750*
14 GOL-17
14.333*
14.667*
15 GOL-18

ALLEGATI

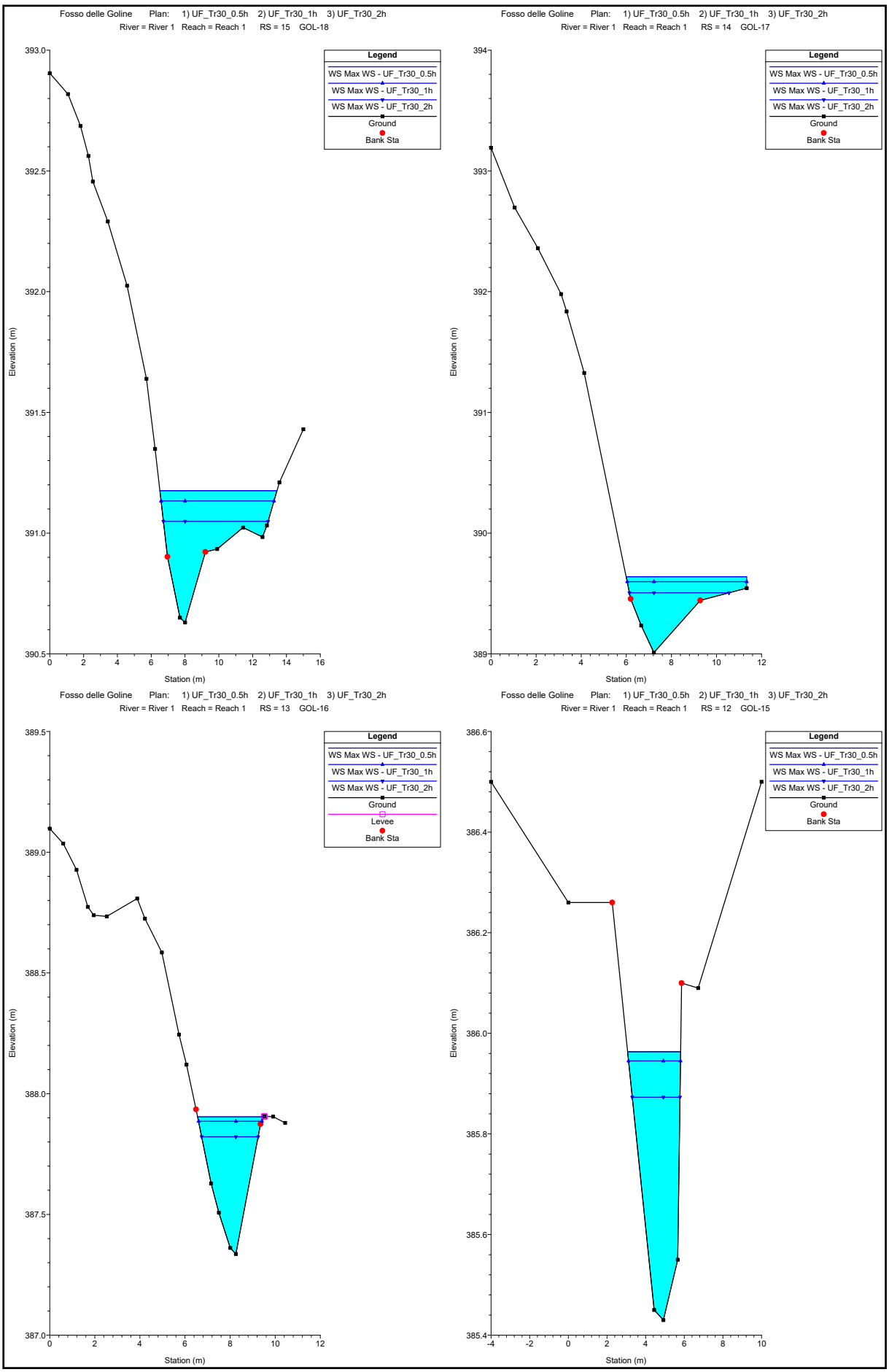
MODELLAZIONE HEC-RAS 5.0.7 "FOSSO DELLE GOLINE"

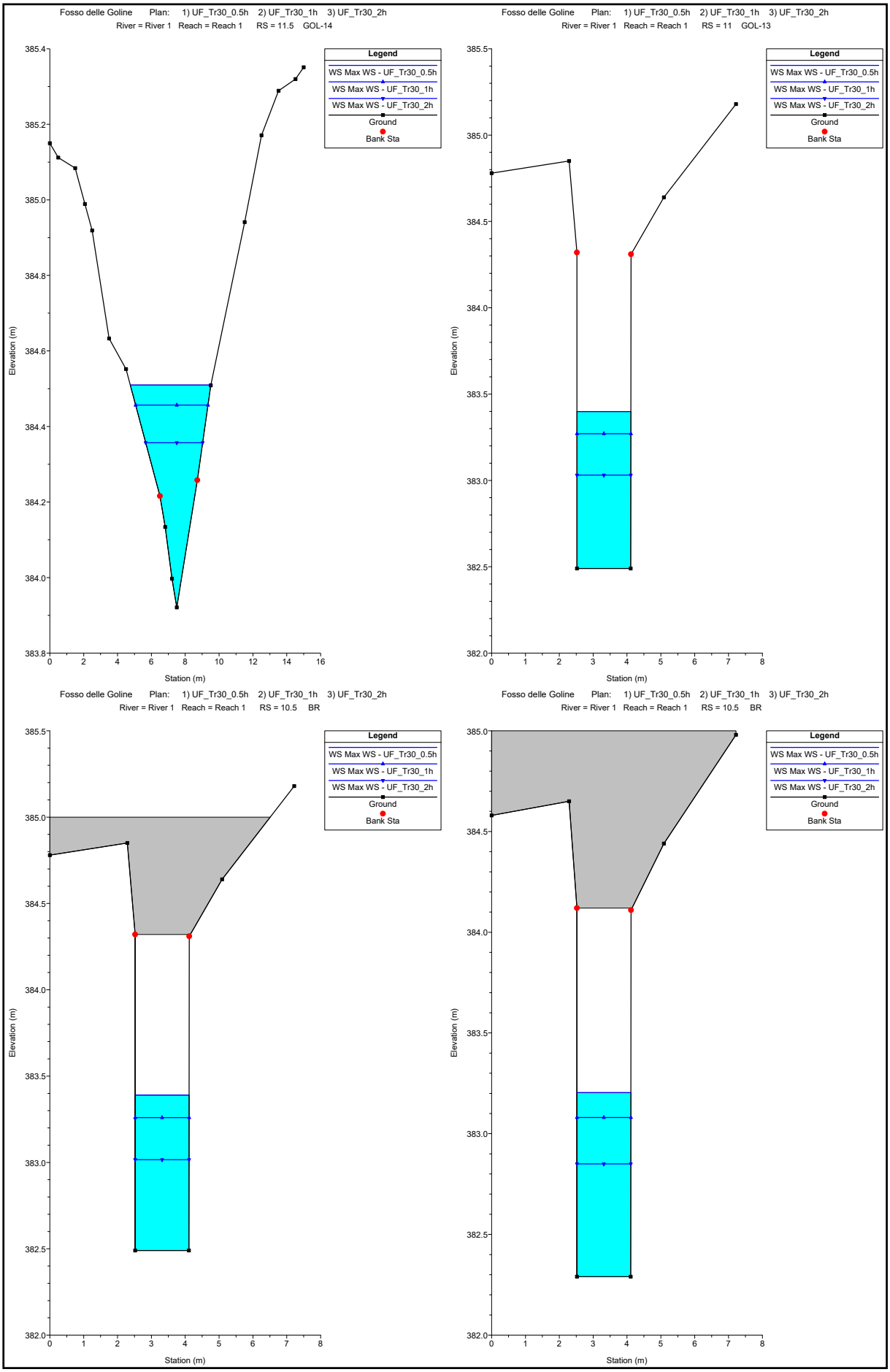
FOSSO DELLE GOLINE

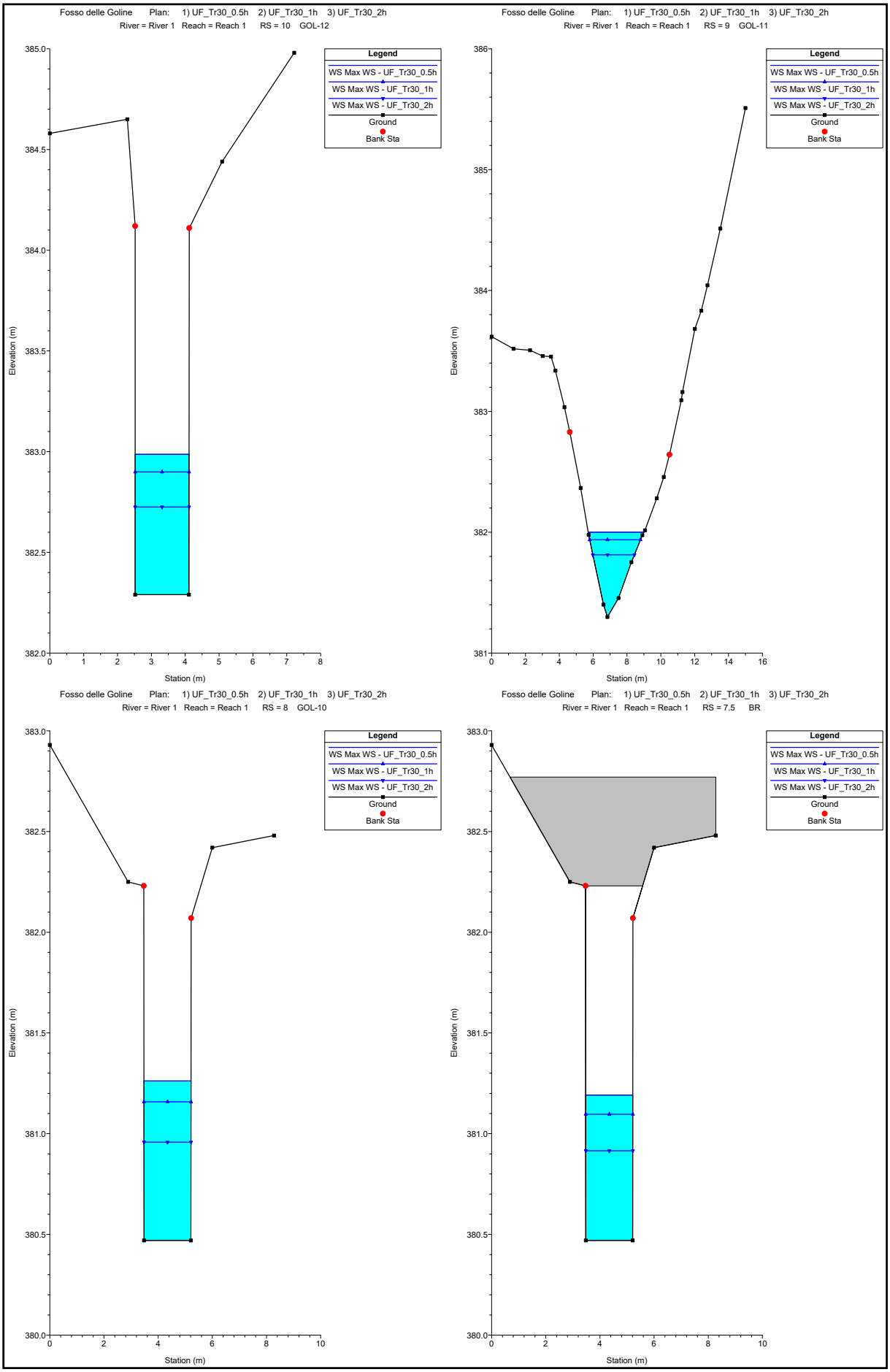
MODELLAZIONE PER TR= 30 anni

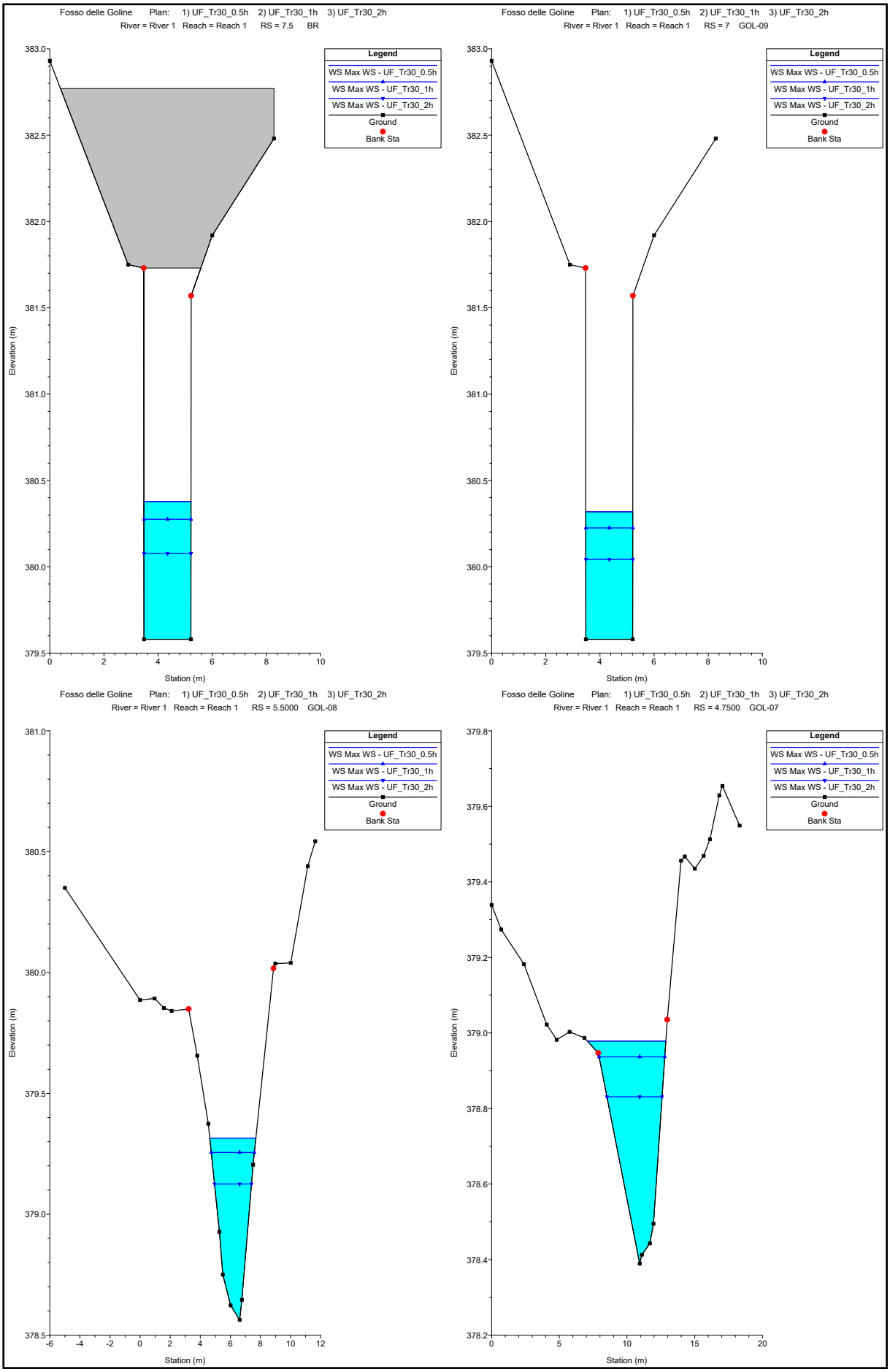
DURATE DI PIOGGIA: 0.5, 1 e 2 h

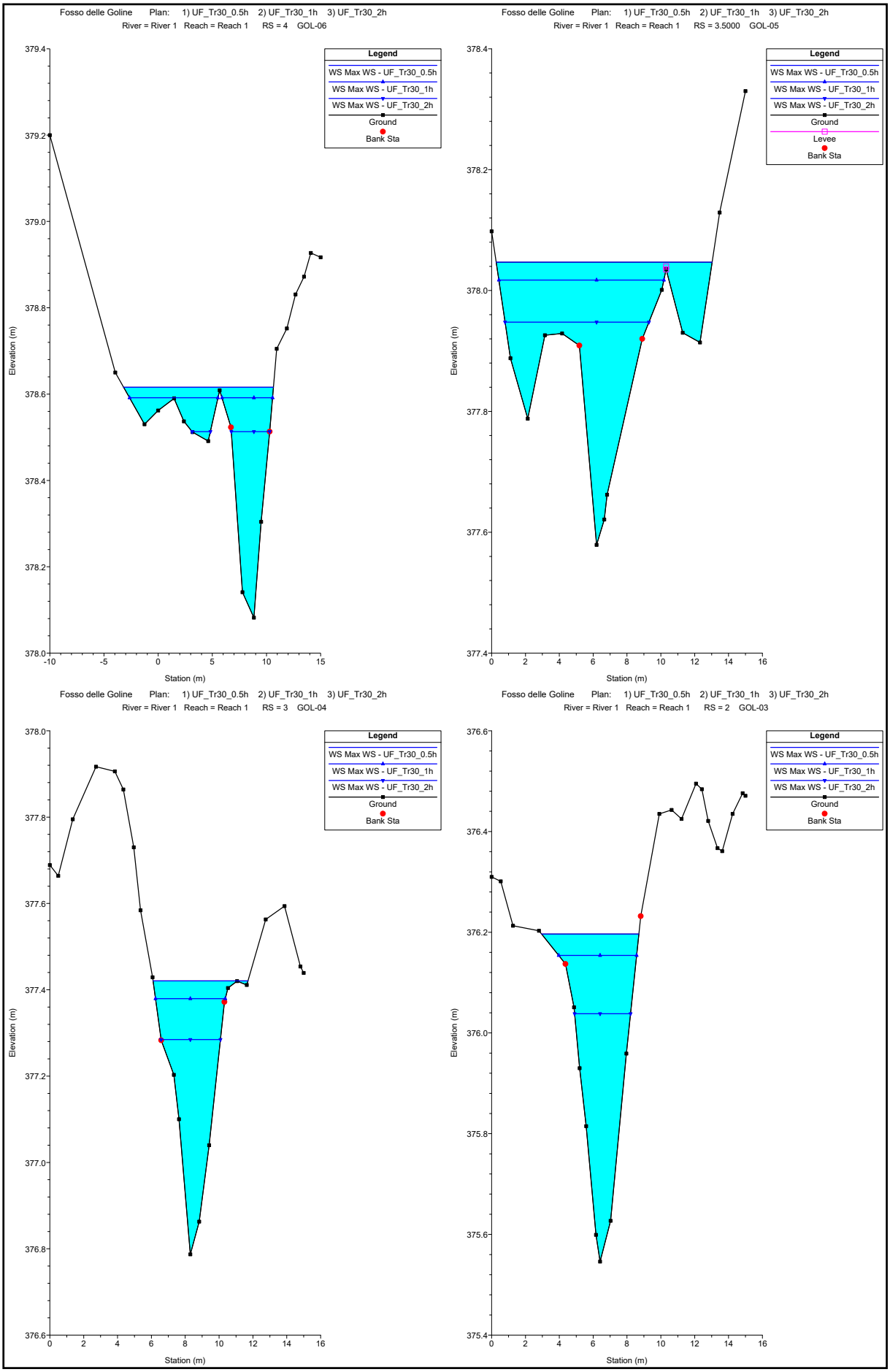
Sezioni Trasversali (da monte verso valle)

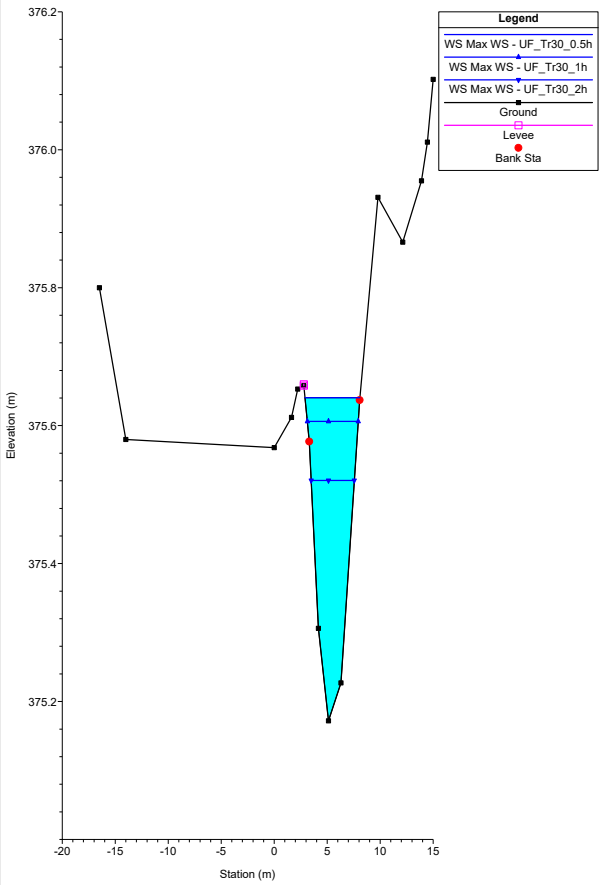

Fosso delle Goline Plan: 1) UF_Tr30_0.5h 2) UF_Tr30_1h 3) UF_Tr30_2h
River = River 1 Reach = Reach 1 RS = 15 GOL-18
Legend
WS Max WS - UF_Tr30_0.5h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_2h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso delle Goline Plan: 1) UF_Tr30_0.5h 2) UF_Tr30_1h 3) UF_Tr30_2h
River = River 1 Reach = Reach 1 RS = 14 GOL-17
Legend
WS Max WS - UF_Tr30_0.5h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_2h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso delle Goline Plan: 1) UF_Tr30_0.5h 2) UF_Tr30_1h 3) UF_Tr30_2h
River = River 1 Reach = Reach 1 RS = 13 GOL-16
Legend
WS Max WS - UF_Tr30_0.5h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_2h
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Fosso delle Goline Plan: 1) UF_Tr30_0.5h 2) UF_Tr30_1h 3) UF_Tr30_2h
River = River 1 Reach = Reach 1 RS = 12 GOL-15
Legend
WS Max WS - UF_Tr30_0.5h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_2h
Ground
Bank Sta
Elevation (m)
Station (m)

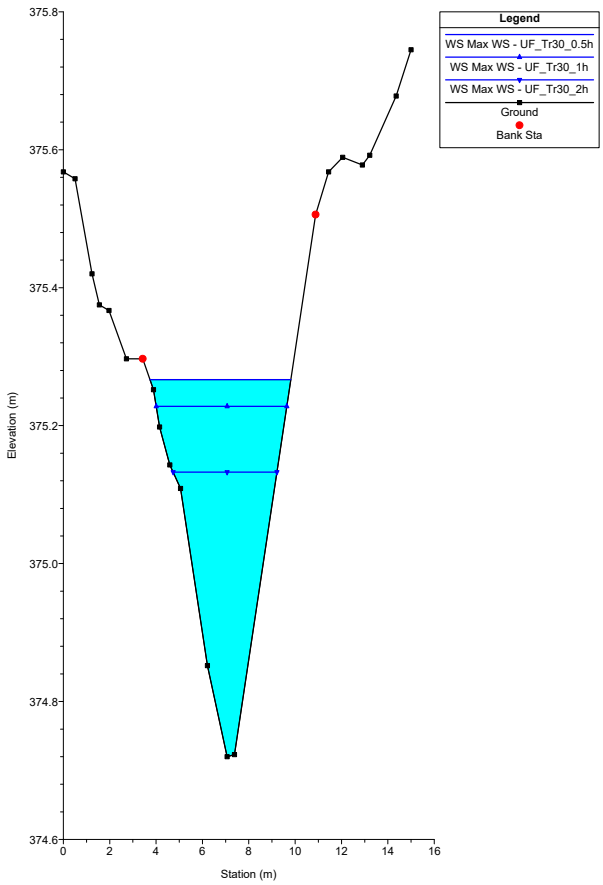

Fosso delle Goline Plan: 1) UF_Tr30_0.5h 2) UF_Tr30_1h 3) UF_Tr30_2h
River = River 1 Reach = Reach 1 RS = 11.5 GOL-14
Legend
WS Max WS - UF_Tr30_0.5h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_2h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso delle Goline Plan: 1) UF_Tr30_0.5h 2) UF_Tr30_1h 3) UF_Tr30_2h
River = River 1 Reach = Reach 1 RS = 11 GOL-13
Legend
WS Max WS - UF_Tr30_0.5h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_2h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso delle Goline Plan: 1) UF_Tr30_0.5h 2) UF_Tr30_1h 3) UF_Tr30_2h
River = River 1 Reach = Reach 1 RS = 10.5 BR
Legend
WS Max WS - UF_Tr30_0.5h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_2h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso delle Goline Plan: 1) UF_Tr30_0.5h 2) UF_Tr30_1h 3) UF_Tr30_2h
River = River 1 Reach = Reach 1 RS = 10.5 BR
Legend
WS Max WS - UF_Tr30_0.5h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_2h
Ground
Bank Sta
Elevation (m)
Station (m)


Fosso delle Goline Plan: 1) UF_Tr30_0.5h 2) UF_Tr30_1h 3) UF_Tr30_2h
River = River 1 Reach = Reach 1 RS = 10 GOL-12
Legend
WS Max WS - UF_Tr30_0.5h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_2h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso delle Goline Plan: 1) UF_Tr30_0.5h 2) UF_Tr30_1h 3) UF_Tr30_2h
River = River 1 Reach = Reach 1 RS = 9 GOL-11
Legend
WS Max WS - UF_Tr30_0.5h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_2h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso delle Goline Plan: 1) UF_Tr30_0.5h 2) UF_Tr30_1h 3) UF_Tr30_2h
River = River 1 Reach = Reach 1 RS = 8 GOL-10
Legend
WS Max WS - UF_Tr30_0.5h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_2h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso delle Goline Plan: 1) UF_Tr30_0.5h 2) UF_Tr30_1h 3) UF_Tr30_2h
River = River 1 Reach = Reach 1 RS = 7.5 BR
Legend
WS Max WS - UF_Tr30_0.5h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_2h
Ground
Bank Sta
Elevation (m)
Station (m)


Fosso delle Goline Plan: 1) UF_Tr30_0.5h 2) UF_Tr30_1h 3) UF_Tr30_2h
River = River 1 Reach = Reach 1 RS = 7.5 BR
Legend
WS Max WS - UF_Tr30_0.5h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_2h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso delle Goline Plan: 1) UF_Tr30_0.5h 2) UF_Tr30_1h 3) UF_Tr30_2h
River = River 1 Reach = Reach 1 RS = 7 GOL-09
Legend
WS Max WS - UF_Tr30_0.5h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_2h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso delle Goline Plan: 1) UF_Tr30_0.5h 2) UF_Tr30_1h 3) UF_Tr30_2h
River = River 1 Reach = Reach 1 RS = 5.5000 GOL-08
Legend
WS Max WS - UF_Tr30_0.5h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_2h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso delle Goline Plan: 1) UF_Tr30_0.5h 2) UF_Tr30_1h 3) UF_Tr30_2h
River = River 1 Reach = Reach 1 RS = 4.7500 GOL-07
Legend
WS Max WS - UF_Tr30_0.5h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_2h
Ground
Bank Sta
Elevation (m)
Station (m)


Fosso delle Goline Plan: 1) UF_Tr30_0.5h 2) UF_Tr30_1h 3) UF_Tr30_2h
River = River 1 Reach = Reach 1 RS = 4 GOL-06
Legend
WS Max WS - UF_Tr30_0.5h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_2h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso delle Goline Plan: 1) UF_Tr30_0.5h 2) UF_Tr30_1h 3) UF_Tr30_2h
River = River 1 Reach = Reach 1 RS = 3.5000 GOL-05
Legend
WS Max WS - UF_Tr30_0.5h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_2h
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Fosso delle Goline Plan: 1) UF_Tr30_0.5h 2) UF_Tr30_1h 3) UF_Tr30_2h
River = River 1 Reach = Reach 1 RS = 3 GOL-04
Legend
WS Max WS - UF_Tr30_0.5h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_2h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso delle Goline Plan: 1) UF_Tr30_0.5h 2) UF_Tr30_1h 3) UF_Tr30_2h
River = River 1 Reach = Reach 1 RS = 2 GOL-03
Legend
WS Max WS - UF_Tr30_0.5h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_2h
Ground
Bank Sta
Elevation (m)
Station (m)


Fosso delle Goline Plan: 1) UF_Tr30_0.5h 2) UF_Tr30_1h 3) UF_Tr30_2h
River = River 1 Reach = Reach 1 RS = 1.4000 GOL-02
Legend
WS Max WS - UF_Tr30_0.5h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_2h
Ground
Levee
Bank Sta
Elevation (m)
Station (m)


Fosso delle Goline Plan: 1) UF_Tr30_0.5h 2) UF_Tr30_1h 3) UF_Tr30_2h
River = River 1 Reach = Reach 1 RS = 1 GOL-01
Legend
WS Max WS - UF_Tr30_0.5h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_2h
Ground
Bank Sta
Elevation (m)
Station (m)

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "FOSSO DELLE GOLINE"

FOSSO DELLE GOLINE

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 0.5, 1 e 2 h

Dati idraulici

HEC-RAS River: River 1 Reach: Reach 1 Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Reach 1	15	Max WS	UF_Tr30_0.5h	3.40	390.63	391.18	391.27	391.50	0.032203	2.81	0.72	0.95	1.76	6.93	1.38
Reach 1	15	Max WS	UF_Tr30_1h	2.70	390.63	391.13	391.22	391.42	0.032009	2.60	0.64	0.82	1.47	6.68	1.36
Reach 1	15	Max WS	UF_Tr30_2h	1.60	390.63	391.05	391.12	391.28	0.033238	2.24	0.48	0.51	0.93	6.19	1.32
Reach 1	14.99			Lat Struct											
Reach 1	14	Max WS	UF_Tr30_0.5h	3.27	389.01	389.64	389.70	389.91	0.024069	2.39	0.43	0.69	1.60	5.35	1.19
Reach 1	14	Max WS	UF_Tr30_1h	2.67	389.01	389.60	389.65	389.84	0.023865	2.22	0.36	0.56	1.37	5.30	1.16
Reach 1	14	Max WS	UF_Tr30_2h	1.60	389.01	389.51	389.54	389.68	0.024093	1.84	0.18	0.26	0.90	4.42	1.11
Reach 1	13	Max WS	UF_Tr30_0.5h	2.36	387.34	387.90	388.01	388.26	0.042302	2.62		0.21	0.90	2.95	1.47
Reach 1	13	Max WS	UF_Tr30_1h	2.17	387.34	387.89	387.98	388.22	0.042498	2.56		0.11	0.85	2.81	1.47
Reach 1	13	Max WS	UF_Tr30_2h	1.59	387.34	387.82	387.91	388.10	0.041928	2.33			0.68	2.50	1.43
Reach 1	12	Max WS	UF_Tr30_0.5h	2.35	385.43	385.96	386.03	386.25	0.032724	2.39			0.99	2.75	1.27
Reach 1	12	Max WS	UF_Tr30_1h	2.17	385.43	385.95	386.01	386.22	0.032093	2.32			0.94	2.69	1.26
Reach 1	12	Max WS	UF_Tr30_2h	1.59	385.43	385.87	385.92	386.10	0.031624	2.12			0.75	2.47	1.23
Reach 1	11.99			Lat Struct											
Reach 1	11.5	Max WS	UF_Tr30_0.5h	3.31	383.92	384.51	384.67	384.97	0.039681	3.15	0.92	0.81	1.31	4.76	1.54
Reach 1	11.5	Max WS	UF_Tr30_1h	2.68	383.92	384.46	384.59	384.88	0.042648	3.00	0.83	0.72	1.07	4.27	1.56
Reach 1	11.5	Max WS	UF_Tr30_2h	1.60	383.92	384.36	384.46	384.68	0.046350	2.54	0.61	0.47	0.69	3.36	1.54
Reach 1	11	Max WS	UF_Tr30_0.5h	3.31	382.49	383.40	383.25	383.67	0.020084	2.29			1.45	1.59	0.77
Reach 1	11	Max WS	UF_Tr30_1h	2.68	382.49	383.27	383.15	383.51	0.019723	2.16			1.24	1.59	0.78
Reach 1	11	Max WS	UF_Tr30_2h	1.60	382.49	383.03	382.96	383.21	0.019180	1.86			0.86	1.59	0.81
Reach 1	10.5			Bridge											
Reach 1	10	Max WS	UF_Tr30_0.5h	3.31	382.29	382.99	383.05	383.44	0.040837	2.99			1.11	1.59	1.14
Reach 1	10	Max WS	UF_Tr30_1h	2.68	382.29	382.90	382.95	383.29	0.038682	2.77			0.97	1.59	1.13
Reach 1	10	Max WS	UF_Tr30_2h	1.60	382.29	382.73	382.76	383.00	0.035456	2.31			0.69	1.59	1.12
Reach 1	9	Max WS	UF_Tr30_0.5h	3.31	381.30	382.00	382.11	382.37	0.037507	2.69			1.23	3.30	1.41
Reach 1	9	Max WS	UF_Tr30_1h	2.68	381.30	381.94	382.04	382.28	0.039036	2.60			1.03	3.01	1.42
Reach 1	9	Max WS	UF_Tr30_2h	1.60	381.30	381.81	381.89	382.09	0.040218	2.32			0.69	2.46	1.40
Reach 1	8	Max WS	UF_Tr30_0.5h	3.31	380.47	381.26	381.19	381.56	0.023016	2.41			1.37	1.74	0.87
Reach 1	8	Max WS	UF_Tr30_1h	2.68	380.47	381.16	381.09	381.42	0.022167	2.25			1.19	1.74	0.87
Reach 1	8	Max WS	UF_Tr30_2h	1.60	380.47	380.96	380.91	381.14	0.020711	1.89			0.85	1.74	0.87
Reach 1	7.5			Bridge											
Reach 1	7	Max WS	UF_Tr30_0.5h	3.31	379.58	380.32	380.30	380.66	0.027923	2.59			1.28	1.74	0.96
Reach 1	7	Max WS	UF_Tr30_1h	2.68	379.58	380.22	380.20	380.52	0.026520	2.40			1.12	1.74	0.95
Reach 1	7	Max WS	UF_Tr30_2h	1.60	379.58	380.04		380.25	0.024062	1.99			0.80	1.73	0.94
Reach 1	5.5000	Max WS	UF_Tr30_0.5h	3.31	378.56	379.32	379.35	379.60	0.023405	2.37			1.40	3.06	1.12
Reach 1	5.5000	Max WS	UF_Tr30_1h	2.68	378.56	379.26	379.28	379.50	0.021952	2.20			1.22	2.86	1.08
Reach 1	5.5000	Max WS	UF_Tr30_2h	1.60	378.56	379.13	379.12	379.30	0.019220	1.83			0.87	2.46	0.98
Reach 1	4.7500	Max WS	UF_Tr30_0.5h	3.31	378.39	378.98	379.00	379.17	0.019485	1.92	0.15		1.74	5.80	1.04
Reach 1	4.7500	Max WS	UF_Tr30_1h	2.68	378.39	378.94	378.94	379.10	0.018835	1.77			1.52	4.86	1.01
Reach 1	4.7500	Max WS	UF_Tr30_2h	1.60	378.39	378.83	378.82	378.95	0.018398	1.53			1.04	4.07	0.97
Reach 1	4	Max WS	UF_Tr30_0.5h	3.31	378.08	378.62	378.70	378.88	0.028165	2.36	0.45	0.38	1.93	13.84	1.26
Reach 1	4	Max WS	UF_Tr30_1h	2.68	378.08	378.59	378.67	378.81	0.025242	2.13	0.34	0.30	1.61	12.83	1.18
Reach 1	4	Max WS	UF_Tr30_2h	1.60	378.08	378.51	378.55	378.67	0.024093	1.75	0.13		0.93	5.23	1.10
Reach 1	3.5000	Max WS	UF_Tr30_0.5h	3.31	377.58	378.05	378.11	378.25	0.032237	2.26	0.83	0.57	2.18	12.76	1.32
Reach 1	3.5000	Max WS	UF_Tr30_1h	2.68	377.58	378.02	378.08	378.23	0.035190	2.20	0.77	0.44	1.65	9.75	1.36
Reach 1	3.5000	Max WS	UF_Tr30_2h	1.60	377.58	377.95	378.01	378.13	0.041818	1.97	0.52	0.20	1.01	8.50	1.41
Reach 1	3	Max WS	UF_Tr30_0.5h	3.31	376.79	377.42	377.52	377.74	0.032768	2.50	0.49	0.15	1.36	5.61	1.34
Reach 1	3	Max WS	UF_Tr30_1h	2.68	376.79	377.38	377.45	377.65	0.032726	2.30	0.39	0.07	1.18	4.13	1.32
Reach 1	3	Max WS	UF_Tr30_2h	1.60	376.79	377.28	377.33	377.48	0.034457	1.95			0.82	3.51	1.29
Reach 1	2	Max WS	UF_Tr30_0.5h	3.31	375.55	376.20	376.26	376.44	0.024585	2.17	0.25		1.56	5.75	1.17
Reach 1	2	Max WS	UF_Tr30_1h	2.68	375.55	376.15	376.19	376.36	0.023731	2.00	0.11		1.34	4.61	1.13
Reach 1	2	Max WS	UF_Tr30_2h	1.60	375.55	376.04	376.05	376.20	0.023021	1.77			0.90	3.31	1.08
Reach 1	1.4000	Max WS	UF_Tr30_0.5h	3.31	375.17	375.64	375.70	375.91	0.032803	2.30	0.30	0.04	1.45	5.17	1.34
Reach 1	1.4000	Max WS	UF_Tr30_1h	2.68	375.17	375.61	375.68	375.83	0.030796	2.10	0.17		1.28	4.80	1.27
Reach 1	1.4000	Max WS	UF_Tr30_2h	1.60	375.17	375.52	375.55	375.68	0.029463	1.77			0.90	4.07	1.20
Reach 1	1	Max WS	UF_Tr30_0.5h	3.31	374.72	375.27	375.30	375.46	0.026250	1.95			1.69	6.08	1.18
Reach 1	1	Max WS	UF_Tr30_1h	2.68	374.72	375.23	375.25	375.40	0.025101	1.82			1.47	5.64	1.14
Reach 1	1	Max WS	UF_Tr30_2h	1.60	374.72	375.13	375.15	375.27	0.025336	1.63			0.98	4.48	1.11

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "FOSSO DEL RISTAGNO"

AFFLUENTE DEL RISTAGNO

MODELLAZIONE PER TR=30 e 200 ANNI

DURATA DI PIOGGIA: 1, 2, 3 e 6 h

Profilo longitudinale

Sezioni Trasversali

Dati idraulici

ALLEGATI

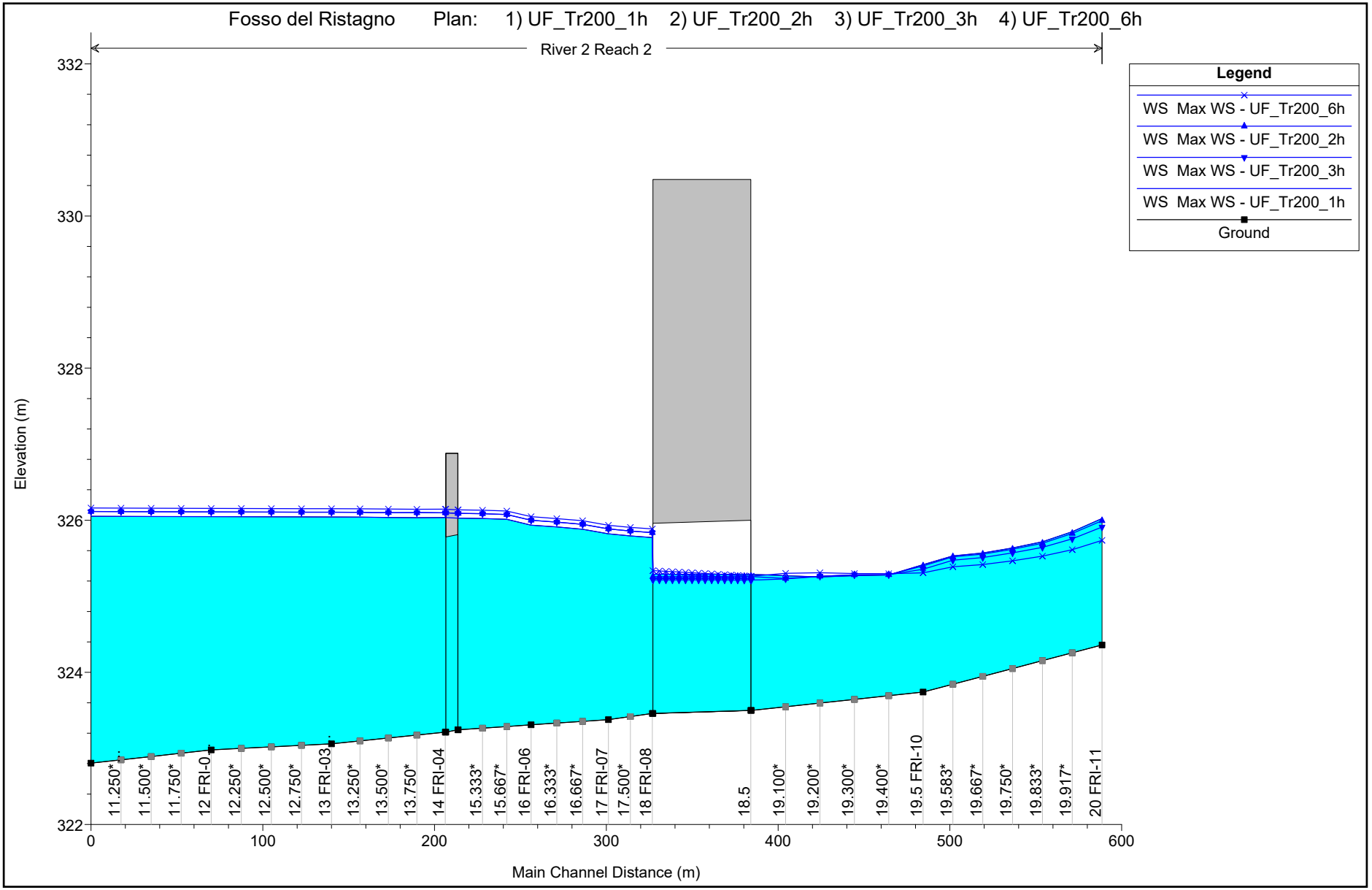
MODELLAZIONE HEC-RAS 5.0.7 "FOSSO DEL RISTAGNO"

AFFLUENTE DEL RISTAGNO

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 1, 2, 3 e 6 h

Profilo longitudinale


Fosso del Ristagno Plan: 1) UF_Tr200_1h 2) UF_Tr200_2h 3) UF_Tr200_3h 4) UF_Tr200_6h
River 2 Reach 2
Legend
WS Max WS - UF_Tr200_6h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_1h
Ground
Elevation (m)
Main Channel Distance (m)
332
330
328
326
324
322
0
100
200
300
400
500
600
11.250*
11.500*
11.750*
12 FRI-0
12.250*
12.500*
12.750*
13 FRI-03
13.250*
13.500*
13.750*
14 FRI-04
15.333*
15.667*
16 FRI-06
16.333*
16.667*
17 FRI-07
17.500*
18 FRI-08
18.5
19.100*
19.200*
19.300*
19.400*
19.5 FRI-10
19.583*
19.667*
19.750*
19.833*
19.917*
20 FRI-11

ALLEGATI

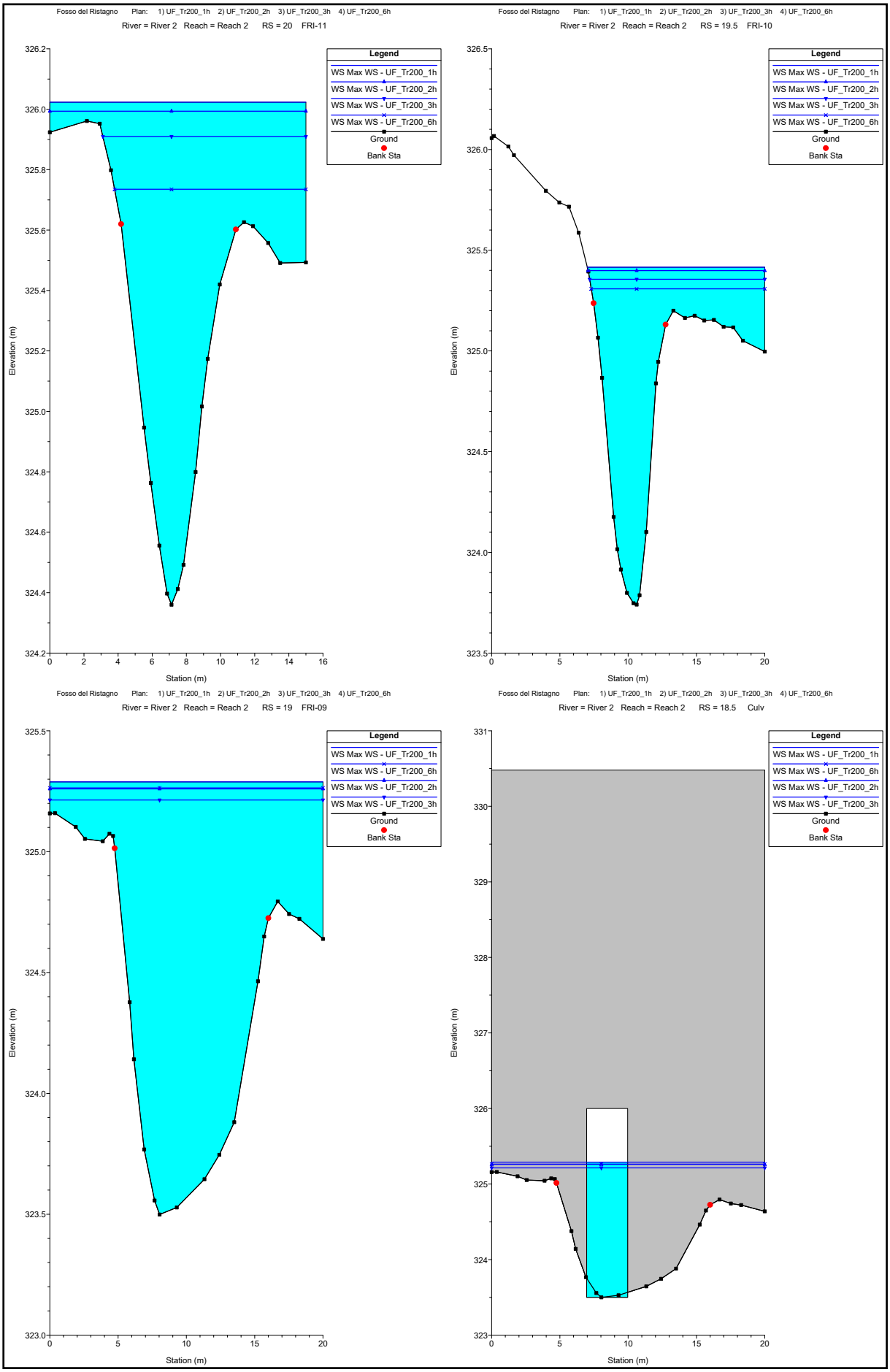
MODELLAZIONE HEC-RAS 5.0.7 "FOSSO DEL RISTAGNO"

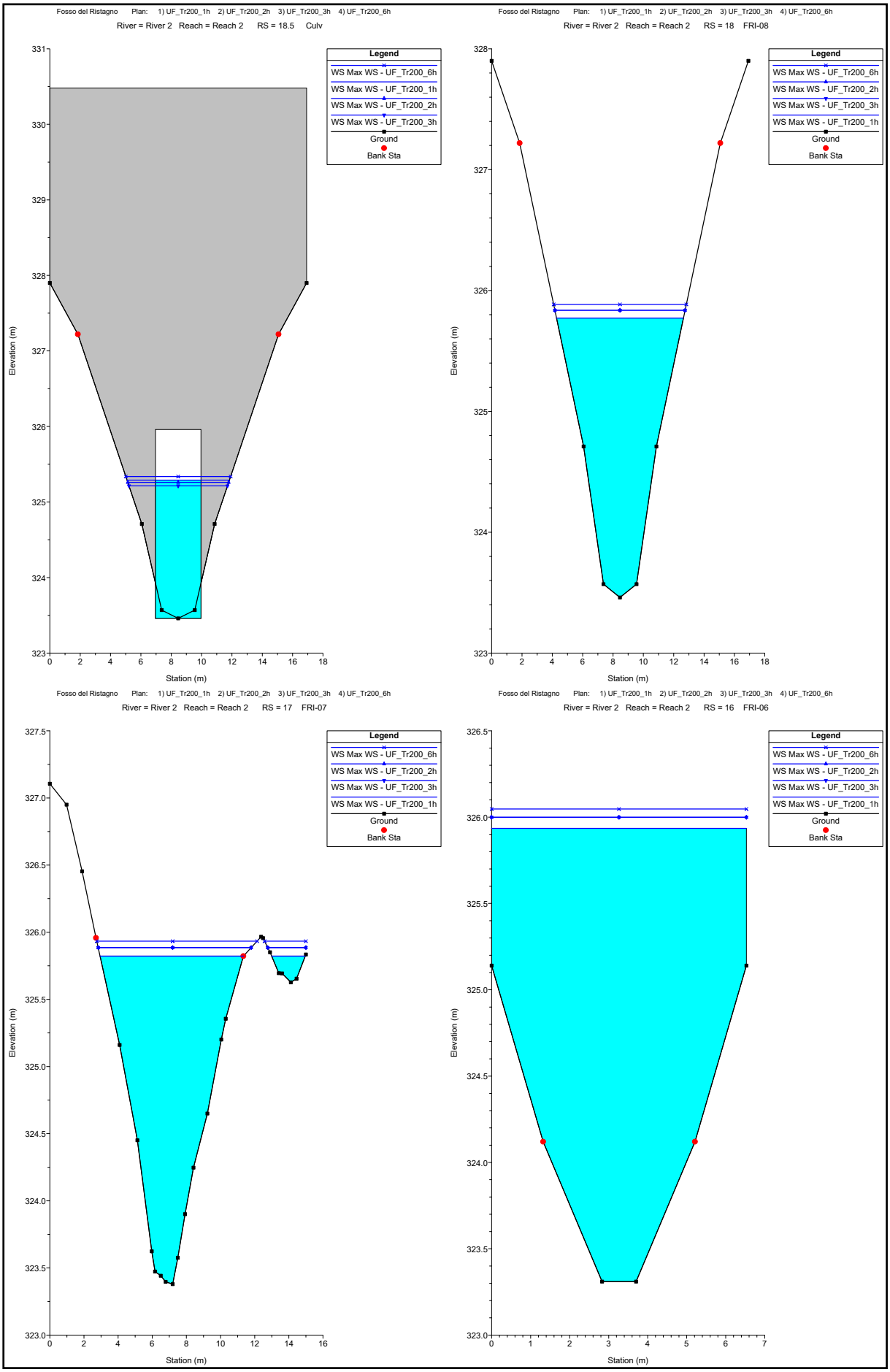
AFFLUENTE DEL RISTAGNO

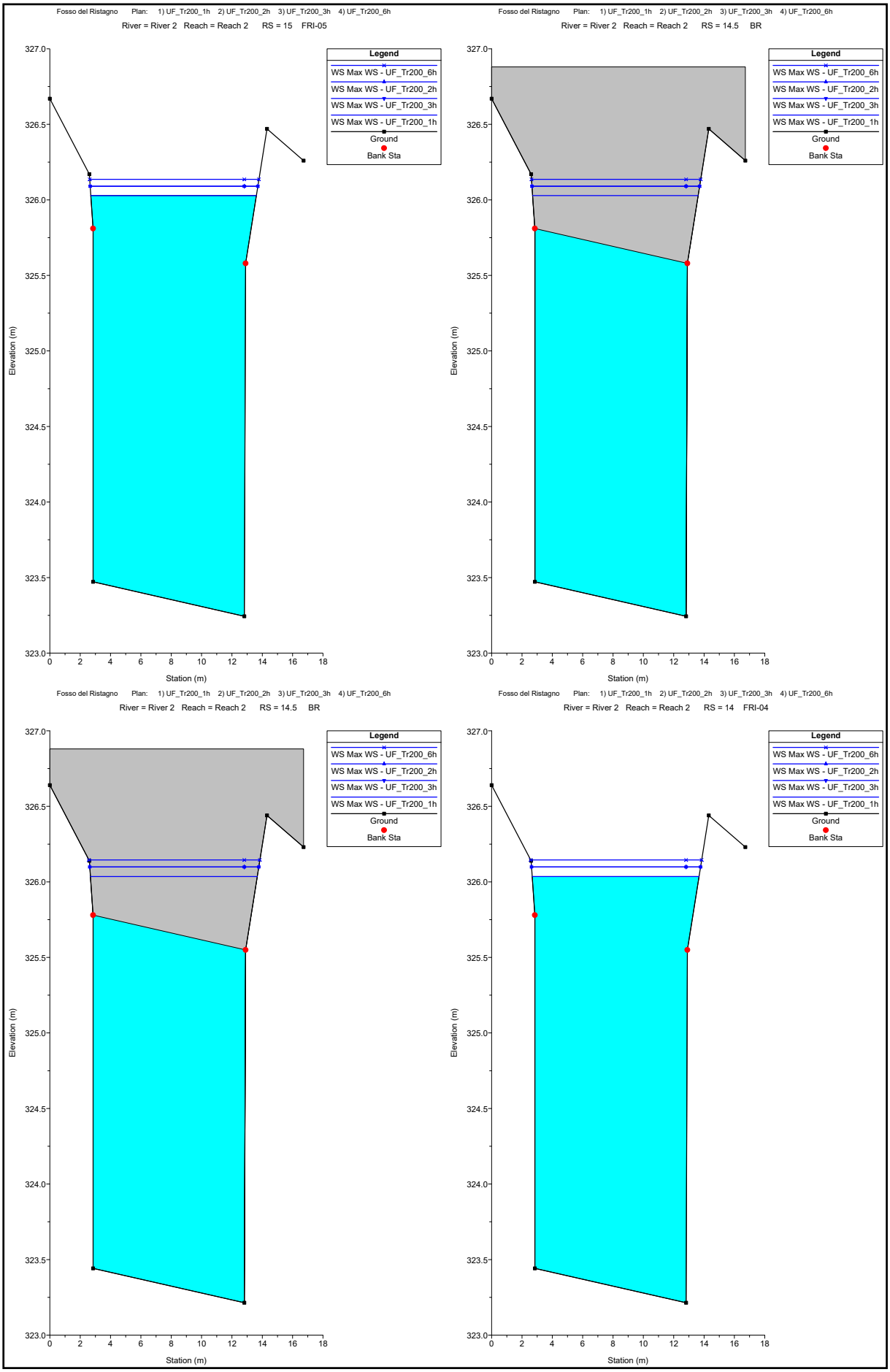
MODELLAZIONE PER TR= 200 anni

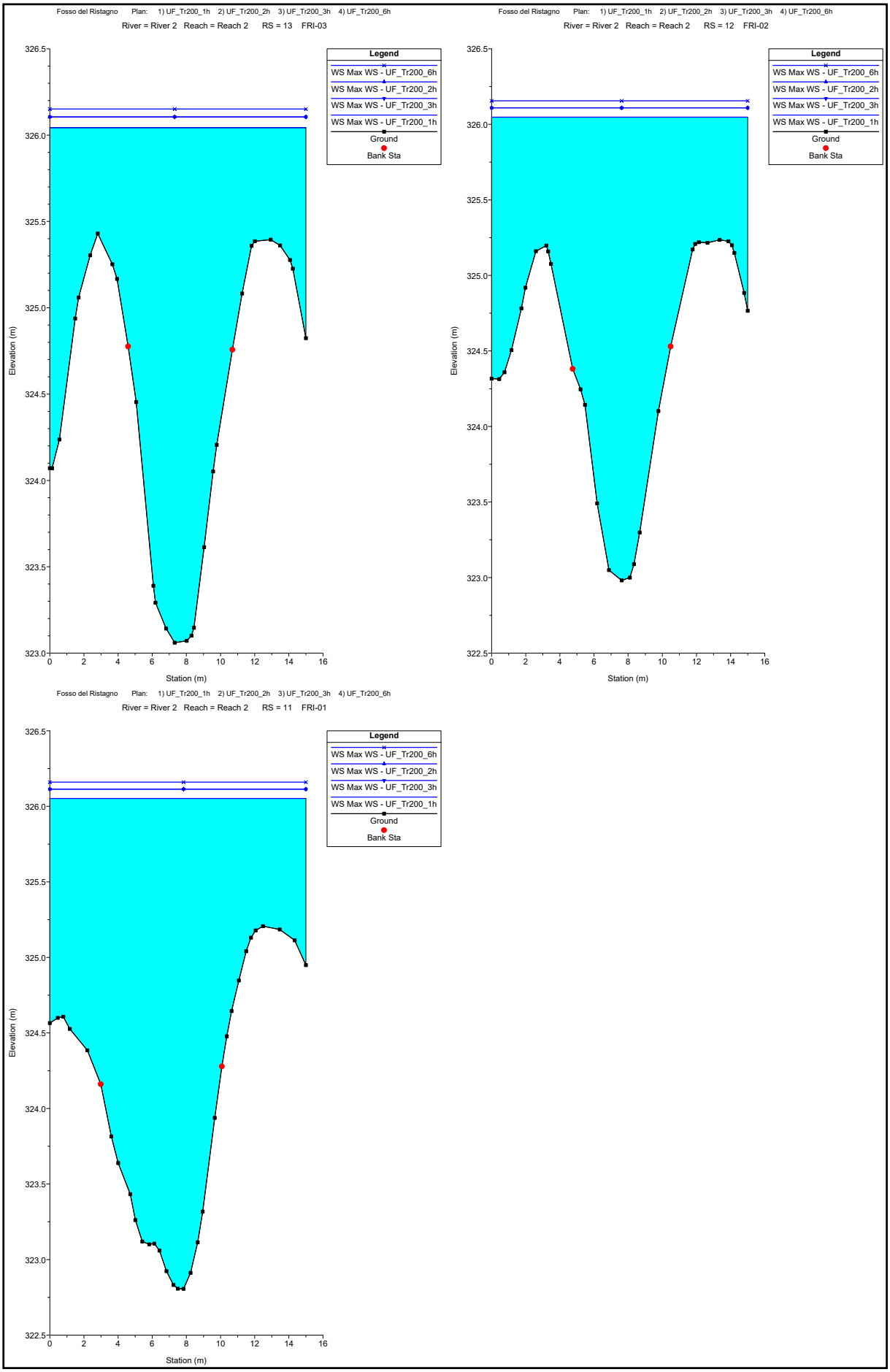
DURATE DI PIOGGIA: 1, 2, 3 e 6 h

Sezioni Trasversali (da monte verso valle)


Fosso del Ristagno Plan: 1) UF_Tr200_1h 2) UF_Tr200_2h 3) UF_Tr200_3h 4) UF_Tr200_6h
River = River 2 Reach = Reach 2 RS = 20 FRI-11
Legend
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_6h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Ristagno Plan: 1) UF_Tr200_1h 2) UF_Tr200_2h 3) UF_Tr200_3h 4) UF_Tr200_6h
River = River 2 Reach = Reach 2 RS = 19.5 FRI-10
Legend
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_6h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Ristagno Plan: 1) UF_Tr200_1h 2) UF_Tr200_2h 3) UF_Tr200_3h 4) UF_Tr200_6h
River = River 2 Reach = Reach 2 RS = 19 FRI-09
Legend
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_6h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_3h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Ristagno Plan: 1) UF_Tr200_1h 2) UF_Tr200_2h 3) UF_Tr200_3h 4) UF_Tr200_6h
River = River 2 Reach = Reach 2 RS = 18.5 Culv
Legend
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_6h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_3h
Ground
Bank Sta
Elevation (m)
Station (m)


Fosso del Ristagno Plan: 1) UF_Tr200_1h 2) UF_Tr200_2h 3) UF_Tr200_3h 4) UF_Tr200_6h
River = River 2 Reach = Reach 2 RS = 18.5 Culv
Legend
WS Max WS - UF_Tr200_6h
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_3h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Ristagno Plan: 1) UF_Tr200_1h 2) UF_Tr200_2h 3) UF_Tr200_3h 4) UF_Tr200_6h
River = River 2 Reach = Reach 2 RS = 18 FRI-08
Legend
WS Max WS - UF_Tr200_6h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_1h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Ristagno Plan: 1) UF_Tr200_1h 2) UF_Tr200_2h 3) UF_Tr200_3h 4) UF_Tr200_6h
River = River 2 Reach = Reach 2 RS = 17 FRI-07
Legend
WS Max WS - UF_Tr200_6h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_1h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Ristagno Plan: 1) UF_Tr200_1h 2) UF_Tr200_2h 3) UF_Tr200_3h 4) UF_Tr200_6h
River = River 2 Reach = Reach 2 RS = 16 FRI-06
Legend
WS Max WS - UF_Tr200_6h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_1h
Ground
Bank Sta
Elevation (m)
Station (m)


Fosso del Ristagno Plan: 1) UF_Tr200_1h 2) UF_Tr200_2h 3) UF_Tr200_3h 4) UF_Tr200_6h
River = River 2 Reach = Reach 2 RS = 15 FRI-05
Legend
WS Max WS - UF_Tr200_6h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_1h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Ristagno Plan: 1) UF_Tr200_1h 2) UF_Tr200_2h 3) UF_Tr200_3h 4) UF_Tr200_6h
River = River 2 Reach = Reach 2 RS = 14.5 BR
Legend
WS Max WS - UF_Tr200_6h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_1h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Ristagno Plan: 1) UF_Tr200_1h 2) UF_Tr200_2h 3) UF_Tr200_3h 4) UF_Tr200_6h
River = River 2 Reach = Reach 2 RS = 14.5 BR
Legend
WS Max WS - UF_Tr200_6h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_1h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Ristagno Plan: 1) UF_Tr200_1h 2) UF_Tr200_2h 3) UF_Tr200_3h 4) UF_Tr200_6h
River = River 2 Reach = Reach 2 RS = 14 FRI-04
Legend
WS Max WS - UF_Tr200_6h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_1h
Ground
Bank Sta
Elevation (m)
Station (m)


Fosso del Ristagno Plan: 1) UF_Tr200_1h 2) UF_Tr200_2h 3) UF_Tr200_3h 4) UF_Tr200_6h
River = River 2 Reach = Reach 2 RS = 13 FRI-03
Legend
WS Max WS - UF_Tr200_6h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_1h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Ristagno Plan: 1) UF_Tr200_1h 2) UF_Tr200_2h 3) UF_Tr200_3h 4) UF_Tr200_6h
River = River 2 Reach = Reach 2 RS = 12 FRI-02
Legend
WS Max WS - UF_Tr200_6h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_1h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Ristagno Plan: 1) UF_Tr200_1h 2) UF_Tr200_2h 3) UF_Tr200_3h 4) UF_Tr200_6h
River = River 2 Reach = Reach 2 RS = 11 FRI-01
Legend
WS Max WS - UF_Tr200_6h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_1h
Ground
Bank Sta
Elevation (m)
Station (m)

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "FOSSO DEL RISTAGNO"

AFFLUENTE DEL RISTAGNO

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 1, 2, 3 e 6 h

Dati idraulici

HEC-RAS River: River 2 Reach: Reach 2 Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Reach 2	20	Max WS	UF_Tr200_1h	23.50	324.36	326.02	326.06	326.45	0.011347	3.01	0.43	1.00	9.55	15.00	0.93
Reach 2	20	Max WS	UF_Tr200_2h	21.90	324.36	325.99	326.01	326.39	0.011000	2.91	0.35	0.94	9.11	15.00	0.92
Reach 2	20	Max WS	UF_Tr200_3h	17.80	324.36	325.91	325.88	326.24	0.009983	2.61	0.43	0.79	7.96	11.89	0.86
Reach 2	20	Max WS	UF_Tr200_6h	10.70	324.36	325.74		325.93	0.007711	2.00	0.21	0.46	5.95	11.21	0.73
Reach 2	19.99			Lat Struct											
Reach 2	19.98			Lat Struct											
Reach 2	19.5	Max WS	UF_Tr200_1h	11.81	323.74	325.42		325.59	0.005057	1.91	0.22	0.51	7.80	13.00	0.59
Reach 2	19.5	Max WS	UF_Tr200_2h	11.49	323.74	325.40		325.57	0.005109	1.90	0.21	0.49	7.59	12.94	0.59
Reach 2	19.5	Max WS	UF_Tr200_3h	10.55	323.74	325.36		325.52	0.005119	1.85	0.17	0.44	7.03	12.82	0.59
Reach 2	19.5	Max WS	UF_Tr200_6h	7.38	323.74	325.31		325.40	0.003051	1.38	0.09	0.29	6.43	12.71	0.45
Reach 2	19.19			Lat Struct											
Reach 2	19.18			Lat Struct											
Reach 2	19	Max WS	UF_Tr200_1h	-1.08	323.50	325.29		325.29	0.000004	-0.07	-0.01	-0.02	18.56	20.00	0.02
Reach 2	19	Max WS	UF_Tr200_2h	0.37	323.50	325.26		325.26	0.000000	0.02	0.00	0.01	17.98	20.00	0.01
Reach 2	19	Max WS	UF_Tr200_3h	0.90	323.50	325.21		325.21	0.000003	0.06	0.01	0.02	17.06	20.00	0.02
Reach 2	19	Max WS	UF_Tr200_6h	-11.37	323.50	325.26		325.29	0.000455	-0.72	-0.11	-0.21	18.06	20.00	0.20
Reach 2	18.5			Culvert											
Reach 2	18	Max WS	UF_Tr200_1h	-15.78	323.46	325.77		325.88	0.002108	-1.42			11.09	8.36	0.39
Reach 2	18	Max WS	UF_Tr200_2h	-16.53	323.46	325.84		325.94	0.002035	-1.42			11.64	8.58	0.39
Reach 2	18	Max WS	UF_Tr200_3h	-16.53	323.46	325.84		325.94	0.002035	-1.42			11.64	8.58	0.39
Reach 2	18	Max WS	UF_Tr200_6h	-17.07	323.46	325.89		325.99	0.001979	-1.42			12.06	8.74	0.39
Reach 2	17	Max WS	UF_Tr200_1h	-15.78	323.38	325.82		325.94	0.002500	-1.49		-0.20	10.78	10.37	0.43
Reach 2	17	Max WS	UF_Tr200_2h	-16.52	323.38	325.89		326.00	0.002345	-1.48		-0.23	11.47	11.21	0.41
Reach 2	17	Max WS	UF_Tr200_3h	-16.52	323.38	325.89		326.00	0.002345	-1.48		-0.23	11.47	11.21	0.41
Reach 2	17	Max WS	UF_Tr200_6h	-17.04	323.38	325.93		326.04	0.002232	-1.47		-0.25	12.02	11.81	0.41
Reach 2	16	Max WS	UF_Tr200_1h	-13.09	323.31	325.94		326.02	0.000791	-1.31	-0.37	-0.37	12.44	6.53	0.28
Reach 2	16	Max WS	UF_Tr200_2h	-13.37	323.31	326.00		326.08	0.000751	-1.30	-0.37	-0.37	12.86	6.53	0.27
Reach 2	16	Max WS	UF_Tr200_3h	-13.37	323.31	326.00		326.08	0.000750	-1.30	-0.37	-0.37	12.86	6.53	0.27
Reach 2	16	Max WS	UF_Tr200_6h	-13.54	323.31	326.05		326.12	0.000719	-1.29	-0.36	-0.36	13.17	6.53	0.27
Reach 2	15.99			Lat Struct											
Reach 2	15.98			Lat Struct											
Reach 2	15	Max WS	UF_Tr200_1h	-9.08	323.24	326.03		326.03	0.000063	-0.34	-0.02	-0.04	26.93	10.91	0.07
Reach 2	15	Max WS	UF_Tr200_2h	-9.16	323.24	326.09		326.10	0.000059	-0.33	-0.02	-0.05	27.61	11.05	0.06
Reach 2	15	Max WS	UF_Tr200_3h	-9.16	323.24	326.09		326.10	0.000060	-0.33	-0.02	-0.05	27.61	11.05	0.06
Reach 2	15	Max WS	UF_Tr200_6h	-9.18	323.24	326.14		326.14	0.000056	-0.33	-0.03	-0.05	28.12	11.16	0.06
Reach 2	14.5			Bridge											
Reach 2	14	Max WS	UF_Tr200_1h	-9.07	323.21	326.04		326.04	0.000060	-0.33	-0.02	-0.04	27.33	11.00	0.06
Reach 2	14	Max WS	UF_Tr200_2h	-9.16	323.21	326.10		326.10	0.000057	-0.33	-0.03	-0.05	28.03	11.14	0.06
Reach 2	14	Max WS	UF_Tr200_3h	-9.16	323.21	326.10		326.10	0.000057	-0.33	-0.03	-0.05	28.03	11.14	0.06
Reach 2	14	Max WS	UF_Tr200_6h	-9.19	323.21	326.15		326.15	0.000054	-0.32	-0.03	-0.05	28.56	11.27	0.06
Reach 2	13	Max WS	UF_Tr200_1h	-6.78	323.06	326.04		326.05	0.000081	-0.40	-0.12	-0.11	22.87	15.00	0.08
Reach 2	13	Max WS	UF_Tr200_2h	-7.14	323.06	326.11		326.11	0.000081	-0.41	-0.12	-0.11	23.80	15.00	0.08
Reach 2	13	Max WS	UF_Tr200_3h	-7.14	323.06	326.11		326.11	0.000081	-0.41	-0.12	-0.11	23.80	15.00	0.08
Reach 2	13	Max WS	UF_Tr200_6h	-7.30	323.06	326.15		326.16	0.000079	-0.41	-0.12	-0.11	24.49	15.00	0.08
Reach 2	12	Max WS	UF_Tr200_1h	-7.35	322.98	326.05		326.05	0.000081	-0.42	-0.14	-0.12	24.55	15.00	0.09
Reach 2	12	Max WS	UF_Tr200_2h	-7.73	322.98	326.11		326.12	0.000082	-0.43	-0.14	-0.13	25.48	15.00	0.09
Reach 2	12	Max WS	UF_Tr200_3h	-7.73	322.98	326.11		326.12	0.000082	-0.43	-0.14	-0.13	25.48	15.00	0.09
Reach 2	12	Max WS	UF_Tr200_6h	-7.87	322.98	326.16		326.16	0.000079	-0.43	-0.14	-0.13	26.17	15.00	0.09
Reach 2	11	Max WS	UF_Tr200_1h	-7.89	322.81	326.05		326.06	0.000046	-0.35	-0.12	-0.10	29.22	15.00	0.07
Reach 2	11	Max WS	UF_Tr200_2h	-8.28	322.81	326.11		326.12	0.000046	-0.36	-0.12	-0.10	30.15	15.00	0.07
Reach 2	11	Max WS	UF_Tr200_3h	-8.28	322.81	326.11		326.12	0.000046	-0.36	-0.12	-0.10	30.15	15.00	0.07
Reach 2	11	Max WS	UF_Tr200_6h	-8.41	322.81	326.16		326.17	0.000045	-0.36	-0.12	-0.10	30.84	15.00	0.07

ALLEGATI

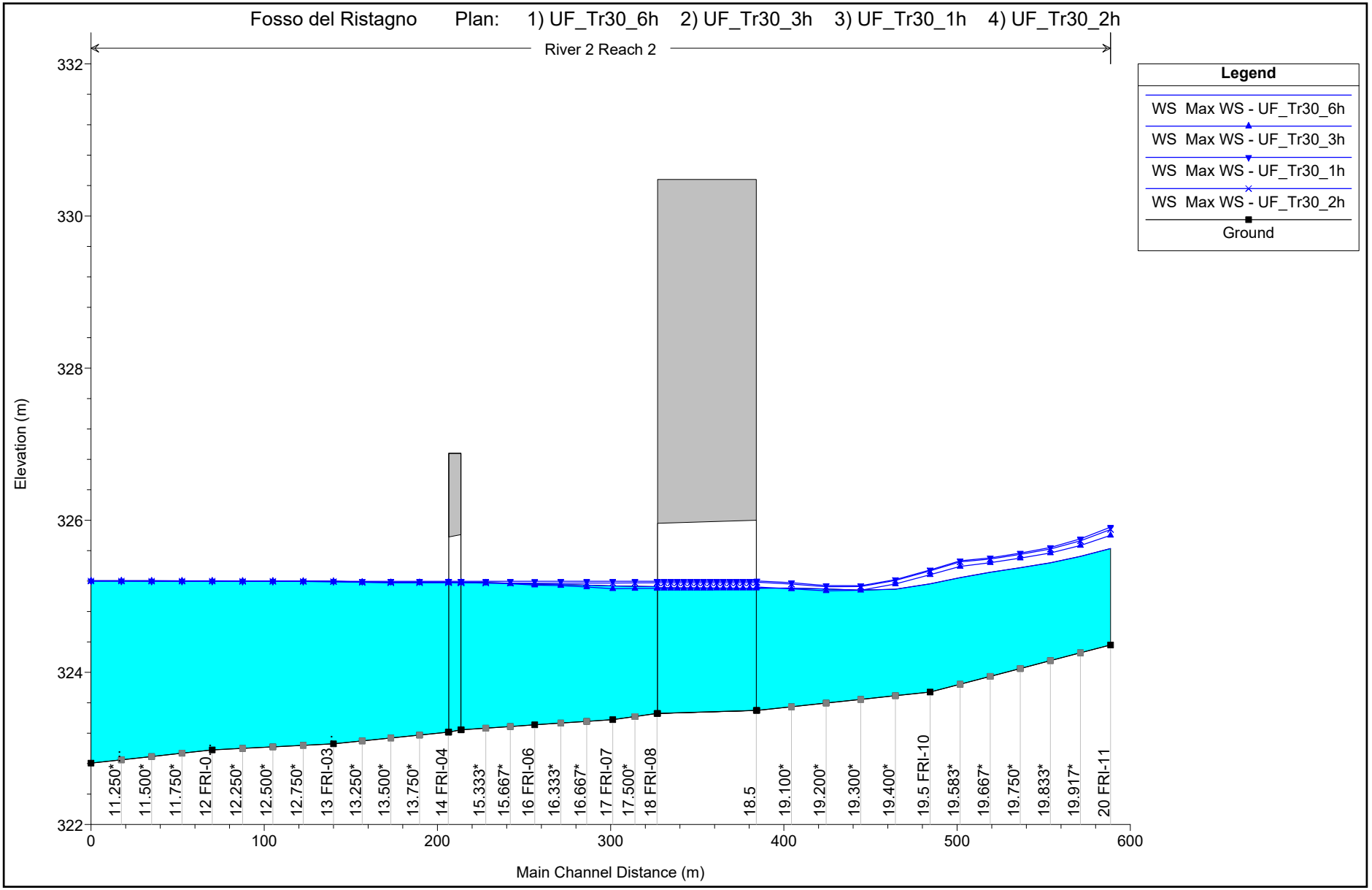
MODELLAZIONE HEC-RAS 5.0.7 "FOSSO DEL RISTAGNO"

AFFLUENTE DEL RISTAGNO

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 1, 2, 3 e 6 h

Profilo longitudinale


Fosso del Ristagno Plan: 1) UF_Tr30_6h 2) UF_Tr30_3h 3) UF_Tr30_1h 4) UF_Tr30_2h
River 2 Reach 2
Legend
WS Max WS - UF_Tr30_6h
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_2h
Ground
Elevation (m)
Main Channel Distance (m)
332
330
328
326
324
322
0
100
200
300
400
500
600
11.250*
11.500*
11.750*
12 FRI-0
12.250*
12.500*
12.750*
13 FRI-03
13.250*
13.500*
13.750*
14 FRI-04
15.333*
15.667*
16 FRI-06
16.333*
16.667*
17 FRI-07
17.500*
18 FRI-08
18.5
19.100*
19.200*
19.300*
19.400*
19.5 FRI-10
19.583*
19.667*
19.750*
19.833*
19.917*
20 FRI-11

ALLEGATI

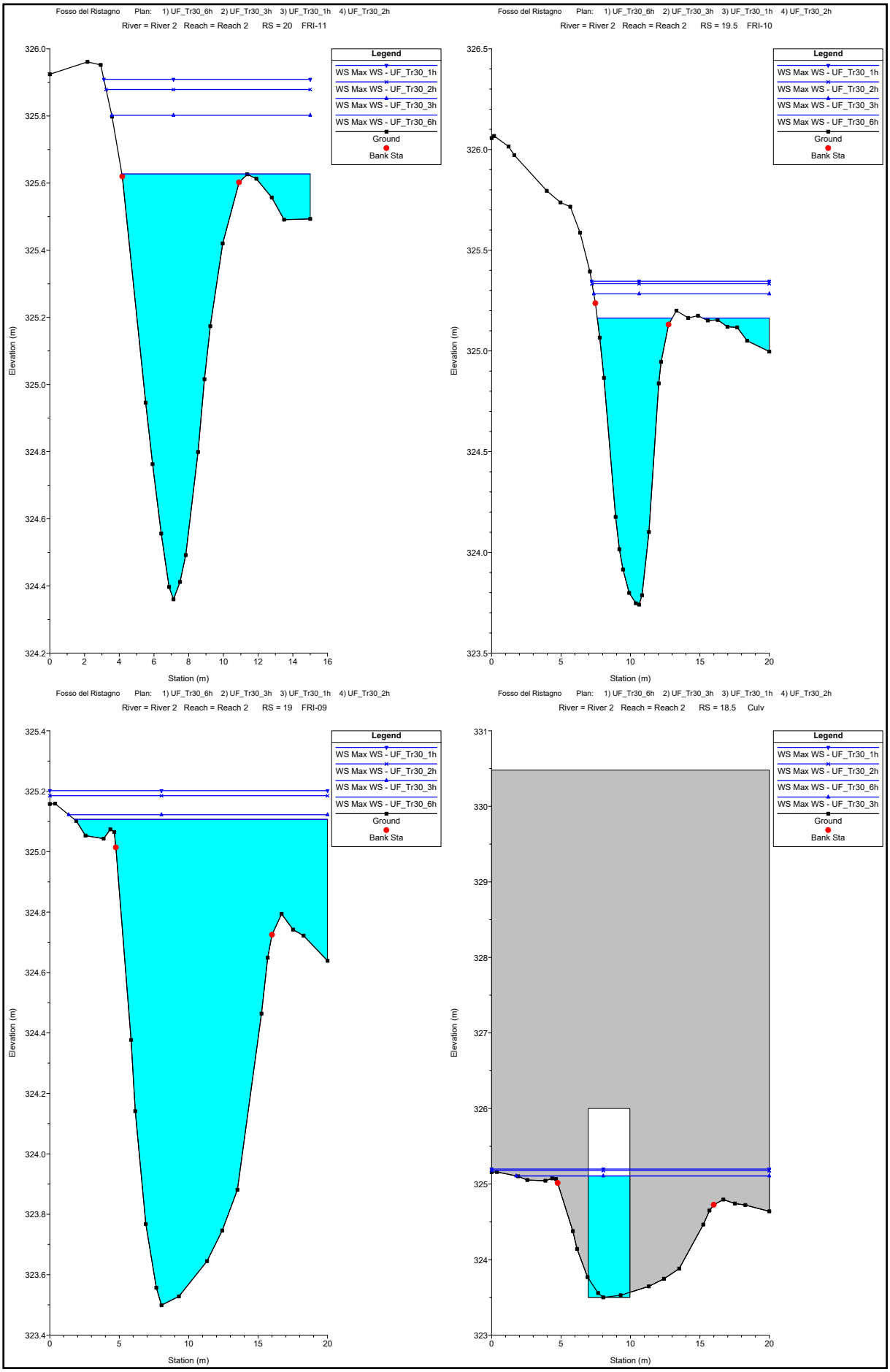
MODELLAZIONE HEC-RAS 5.0.7 "FOSSO DEL RISTAGNO"

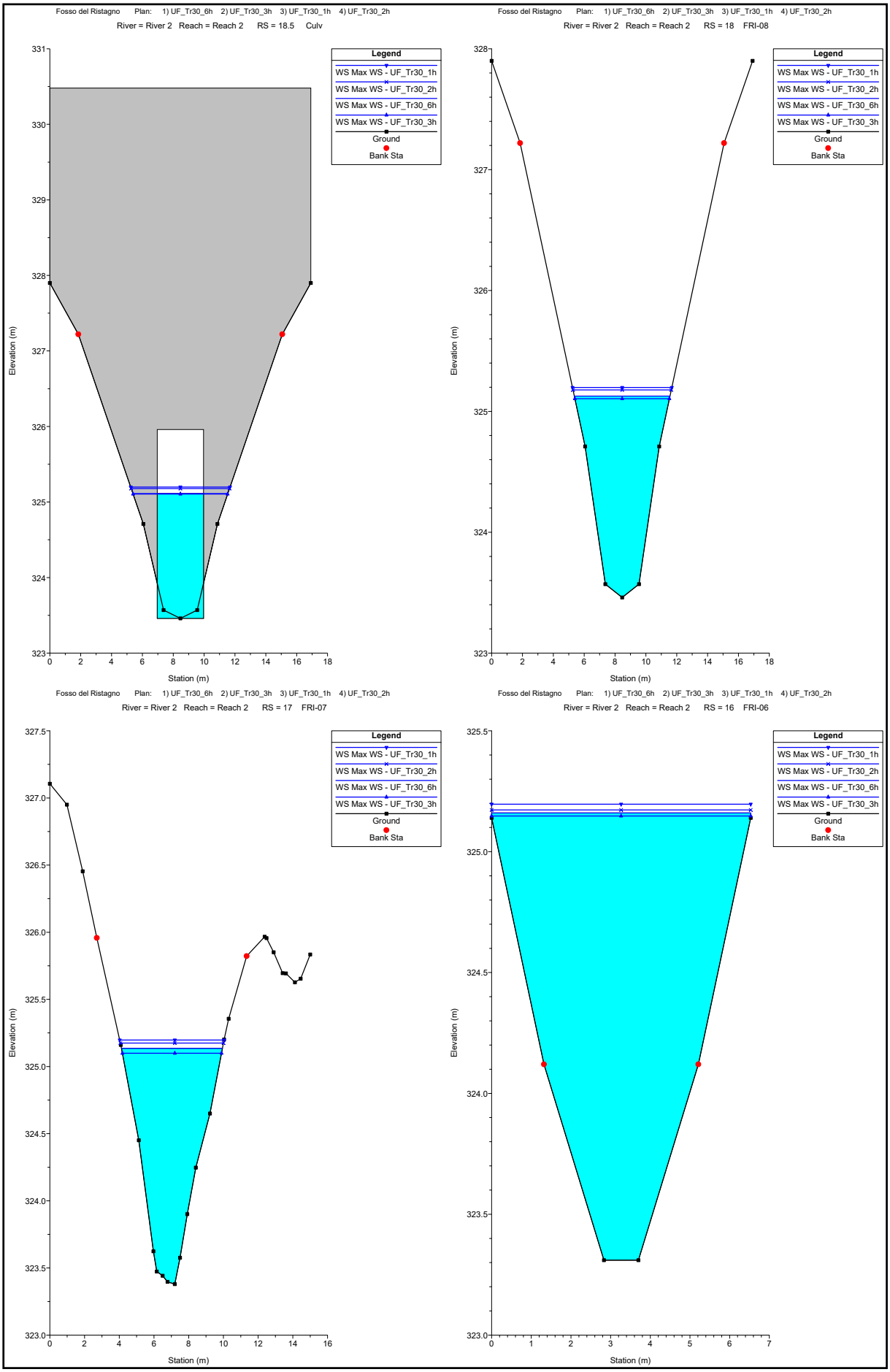
AFFLUENTE DEL RISTAGNO

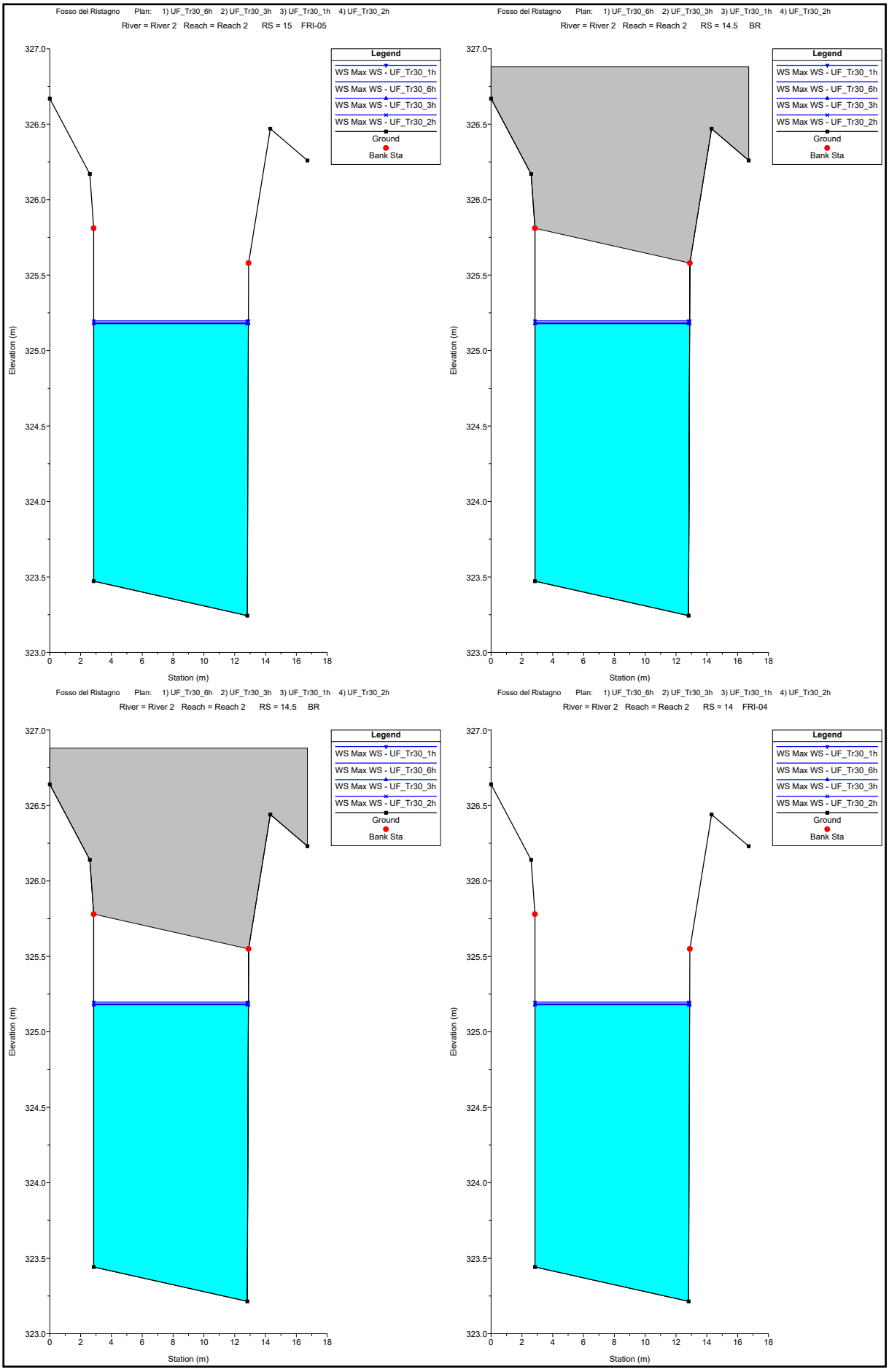
MODELLAZIONE PER TR= 30 anni

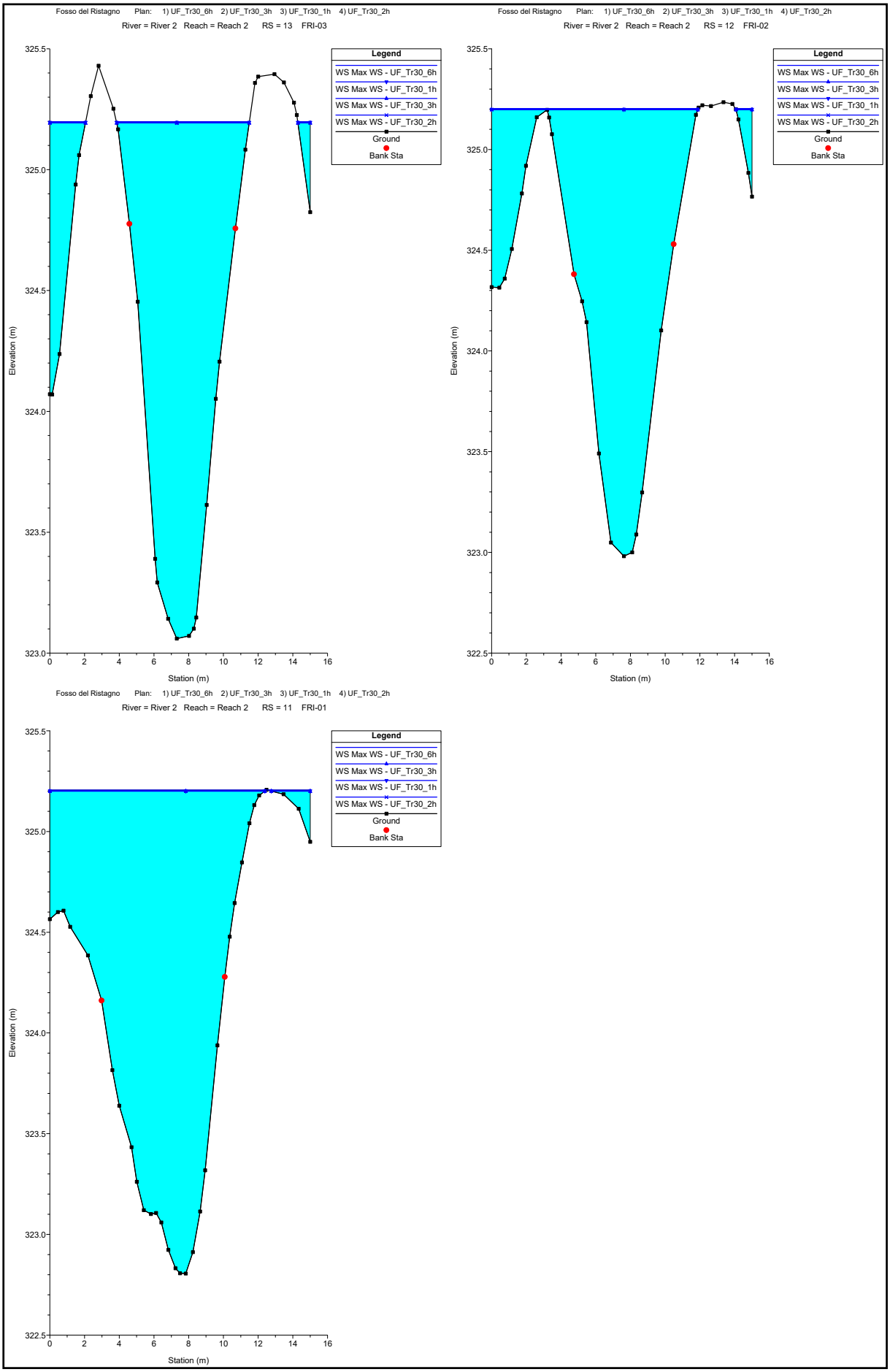
DURATE DI PIOGGIA: 1, 2, 3 e 6 h

Sezioni Trasversali (da monte verso valle)


Fosso del Ristagno Plan: 1) UF_Tr30_6h 2) UF_Tr30_3h 3) UF_Tr30_1h 4) UF_Tr30_2h
River = River 2 Reach = Reach 2 RS = 20 FRI-11
Legend
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_6h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Ristagno Plan: 1) UF_Tr30_6h 2) UF_Tr30_3h 3) UF_Tr30_1h 4) UF_Tr30_2h
River = River 2 Reach = Reach 2 RS = 19.5 FRI-10
Legend
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_6h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Ristagno Plan: 1) UF_Tr30_6h 2) UF_Tr30_3h 3) UF_Tr30_1h 4) UF_Tr30_2h
River = River 2 Reach = Reach 2 RS = 19 FRI-09
Legend
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_6h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Ristagno Plan: 1) UF_Tr30_6h 2) UF_Tr30_3h 3) UF_Tr30_1h 4) UF_Tr30_2h
River = River 2 Reach = Reach 2 RS = 18.5 Culv
Legend
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_6h
WS Max WS - UF_Tr30_3h
Ground
Bank Sta
Elevation (m)
Station (m)


Fosso del Ristagno Plan: 1) UF_Tr30_6h 2) UF_Tr30_3h 3) UF_Tr30_1h 4) UF_Tr30_2h
River = River 2 Reach = Reach 2 RS = 18.5 Culv
Fosso del Ristagno Plan: 1) UF_Tr30_6h 2) UF_Tr30_3h 3) UF_Tr30_1h 4) UF_Tr30_2h
River = River 2 Reach = Reach 2 RS = 18 FRI-08
Fosso del Ristagno Plan: 1) UF_Tr30_6h 2) UF_Tr30_3h 3) UF_Tr30_1h 4) UF_Tr30_2h
River = River 2 Reach = Reach 2 RS = 17 FRI-07
Fosso del Ristagno Plan: 1) UF_Tr30_6h 2) UF_Tr30_3h 3) UF_Tr30_1h 4) UF_Tr30_2h
River = River 2 Reach = Reach 2 RS = 16 FRI-06
Legend
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_6h
WS Max WS - UF_Tr30_3h
Ground
Bank Sta
Elevation (m)
Station (m)


Fosso del Ristagno Plan: 1) UF_Tr30_6h 2) UF_Tr30_3h 3) UF_Tr30_1h 4) UF_Tr30_2h
River = River 2 Reach = Reach 2 RS = 15 FRI-05
Fosso del Ristagno Plan: 1) UF_Tr30_6h 2) UF_Tr30_3h 3) UF_Tr30_1h 4) UF_Tr30_2h
River = River 2 Reach = Reach 2 RS = 14.5 BR
Fosso del Ristagno Plan: 1) UF_Tr30_6h 2) UF_Tr30_3h 3) UF_Tr30_1h 4) UF_Tr30_2h
River = River 2 Reach = Reach 2 RS = 14.5 BR
Fosso del Ristagno Plan: 1) UF_Tr30_6h 2) UF_Tr30_3h 3) UF_Tr30_1h 4) UF_Tr30_2h
River = River 2 Reach = Reach 2 RS = 14 FRI-04
Legend
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_6h
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_2h
Ground
Bank Sta
Elevation (m)
Station (m)


Fosso del Ristagno Plan: 1) UF_Tr30_6h 2) UF_Tr30_3h 3) UF_Tr30_1h 4) UF_Tr30_2h
River = River 2 Reach = Reach 2 RS = 13 FRI-03
Legend
WS Max WS - UF_Tr30_6h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_2h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Ristagno Plan: 1) UF_Tr30_6h 2) UF_Tr30_3h 3) UF_Tr30_1h 4) UF_Tr30_2h
River = River 2 Reach = Reach 2 RS = 12 FRI-02
Legend
WS Max WS - UF_Tr30_6h
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_2h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Ristagno Plan: 1) UF_Tr30_6h 2) UF_Tr30_3h 3) UF_Tr30_1h 4) UF_Tr30_2h
River = River 2 Reach = Reach 2 RS = 11 FRI-01
Legend
WS Max WS - UF_Tr30_6h
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_2h
Ground
Bank Sta
Elevation (m)
Station (m)

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "FOSSO DEL RISTAGNO"

AFFLUENTE DEL RISTAGNO

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 1, 2, 3 e 6 h

Dati idraulici

HEC-RAS River: River 2 Reach: Reach 2 Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Reach 2	20	Max WS	UF_Tr30_6h	7.70	324.36	325.63		325.78	0.006935	1.72	0.03	0.25	4.76	10.85	0.68
Reach 2	20	Max WS	UF_Tr30_3h	13.20	324.36	325.80		326.05	0.008623	2.24	0.30	0.59	6.70	11.43	0.78
Reach 2	20	Max WS	UF_Tr30_1h	17.80	324.36	325.91	325.88	326.24	0.010005	2.62	0.43	0.79	7.96	11.89	0.86
Reach 2	20	Max WS	UF_Tr30_2h	16.40	324.36	325.88	325.84	326.18	0.009602	2.51	0.39	0.73	7.59	11.76	0.84
Reach 2	19.99			Lat Struct											
Reach 2	19.98			Lat Struct											
Reach 2	19.5	Max WS	UF_Tr30_6h	7.21	323.74	325.16		325.30	0.005324	1.66		0.20	4.64	10.19	0.58
Reach 2	19.5	Max WS	UF_Tr30_3h	9.62	323.74	325.28		325.45	0.005774	1.87	0.10	0.37	6.11	12.64	0.62
Reach 2	19.5	Max WS	UF_Tr30_1h	10.56	323.74	325.35		325.51	0.005331	1.87	0.17	0.44	6.91	12.80	0.60
Reach 2	19.5	Max WS	UF_Tr30_2h	10.25	323.74	325.33		325.50	0.005289	1.85	0.15	0.42	6.75	12.77	0.60
Reach 2	19.19			Lat Struct											
Reach 2	19.18			Lat Struct											
Reach 2	19	Max WS	UF_Tr30_6h	-2.72	323.50	325.11		325.11	0.000041	-0.20	-0.01	-0.05	14.98	18.23	0.06
Reach 2	19	Max WS	UF_Tr30_3h	2.18	323.50	325.12		325.12	0.000025	0.16	0.01	0.04	15.26	18.64	0.05
Reach 2	19	Max WS	UF_Tr30_1h	0.85	323.50	325.20		325.20	0.000003	0.06	0.01	0.02	16.83	20.00	0.02
Reach 2	19	Max WS	UF_Tr30_2h	1.45	323.50	325.19		325.19	0.000009	0.10	0.01	0.03	16.49	20.00	0.03
Reach 2	18.5			Culvert											
Reach 2	18	Max WS	UF_Tr30_6h	-3.24	323.46	325.13		325.14	0.000375	-0.51			6.39	6.20	0.16
Reach 2	18	Max WS	UF_Tr30_3h	1.97	323.46	325.11		325.11	0.000146	0.31			6.26	6.13	0.10
Reach 2	18	Max WS	UF_Tr30_1h	0.85	323.46	325.20		325.20	0.000022	0.12			6.84	6.44	0.04
Reach 2	18	Max WS	UF_Tr30_2h	1.45	323.46	325.18		325.18	0.000066	0.22			6.71	6.37	0.07
Reach 2	17	Max WS	UF_Tr30_6h	-3.46	323.38	325.14		325.15	0.000587	-0.61			5.70	5.82	0.20
Reach 2	17	Max WS	UF_Tr30_3h	1.93	323.38	325.10		325.11	0.000203	0.35			5.49	5.71	0.11
Reach 2	17	Max WS	UF_Tr30_1h	0.85	323.38	325.20		325.20	0.000030	0.14			6.06	6.01	0.04
Reach 2	17	Max WS	UF_Tr30_2h	1.45	323.38	325.18		325.18	0.000093	0.24			5.93	5.94	0.08
Reach 2	16	Max WS	UF_Tr30_6h	-3.62	323.31	325.16		325.18	0.000257	-0.57	-0.15	-0.15	7.37	6.53	0.15
Reach 2	16	Max WS	UF_Tr30_3h	-4.82	323.31	325.15		325.18	0.000470	-0.77	-0.20	-0.20	7.29	6.53	0.20
Reach 2	16	Max WS	UF_Tr30_1h	0.83	323.31	325.20		325.20	0.000013	0.13	0.03	0.03	7.61	6.53	0.03
Reach 2	16	Max WS	UF_Tr30_2h	1.44	323.31	325.17		325.18	0.000040	0.23	0.06	0.06	7.46	6.53	0.06
Reach 2	15.99			Lat Struct											
Reach 2	15.98			Lat Struct											
Reach 2	15	Max WS	UF_Tr30_6h	-4.73	323.24	325.18		325.19	0.000055	-0.26			18.27	10.04	0.06
Reach 2	15	Max WS	UF_Tr30_3h	-4.81	323.24	325.18		325.18	0.000058	-0.26			18.22	10.04	0.06
Reach 2	15	Max WS	UF_Tr30_1h	0.82	323.24	325.20	323.44	325.20	0.000002	0.04			18.40	10.04	0.01
Reach 2	15	Max WS	UF_Tr30_2h	-4.81	323.24	325.18		325.18	0.000058	-0.26			18.22	10.04	0.06
Reach 2	14.5			Bridge											
Reach 2	14	Max WS	UF_Tr30_6h	-4.73	323.21	325.19		325.19	0.000053	-0.25			18.59	10.04	0.06
Reach 2	14	Max WS	UF_Tr30_3h	-4.81	323.21	325.18		325.18	0.000055	-0.26			18.53	10.04	0.06
Reach 2	14	Max WS	UF_Tr30_1h	0.82	323.21	325.20		325.20	0.000002	0.04			18.70	10.04	0.01
Reach 2	14	Max WS	UF_Tr30_2h	-4.81	323.21	325.18		325.18	0.000055	-0.26			18.53	10.04	0.06
Reach 2	13	Max WS	UF_Tr30_6h	-2.59	323.06	325.20		325.20	0.000066	-0.27	-0.06	-0.04	10.84	10.44	0.07
Reach 2	13	Max WS	UF_Tr30_3h	-2.64	323.06	325.19		325.20	0.000070	-0.28	-0.07	-0.04	10.78	10.39	0.07
Reach 2	13	Max WS	UF_Tr30_1h	1.12	323.06	325.20		325.20	0.000012	0.12	0.03	0.02	10.81	10.42	0.03
Reach 2	13	Max WS	UF_Tr30_2h	-2.64	323.06	325.19		325.20	0.000070	-0.28	-0.07	-0.04	10.78	10.39	0.07
Reach 2	12	Max WS	UF_Tr30_6h	-2.30	322.98	325.20		325.21	0.000044	-0.24	-0.06	-0.04	11.93	12.86	0.06
Reach 2	12	Max WS	UF_Tr30_3h	-2.39	322.98	325.20		325.20	0.000048	-0.25	-0.06	-0.04	11.87	12.80	0.06
Reach 2	12	Max WS	UF_Tr30_1h	-2.39	322.98	325.20		325.20	0.000048	-0.25	-0.06	-0.04	11.87	12.80	0.06
Reach 2	12	Max WS	UF_Tr30_2h	-2.39	322.98	325.20		325.20	0.000048	-0.25	-0.06	-0.04	11.87	12.80	0.06
Reach 2	11	Max WS	UF_Tr30_6h	-2.54	322.81	325.21		325.21	0.000019	-0.18	-0.05	-0.03	16.52	14.94	0.04
Reach 2	11	Max WS	UF_Tr30_3h	-2.66	322.81	325.20		325.20	0.000021	-0.19	-0.06	-0.03	16.45	14.63	0.04
Reach 2	11	Max WS	UF_Tr30_1h	-2.65	322.81	325.20		325.20	0.000021	-0.19	-0.06	-0.03	16.45	14.63	0.04
Reach 2	11	Max WS	UF_Tr30_2h	-2.65	322.81	325.20		325.20	0.000021	-0.19	-0.06	-0.03	16.45	14.63	0.04

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "FOSSO DEL RISTAGNO"

FOSSO DEL RISTAGNO

MODELLAZIONE PER TR=30 e 200 ANNI

DURATA DI PIOGGIA: 1, 2, 3 e 6 h

Profilo longitudinale

Sezioni Trasversali

Dati idraulici

ALLEGATI

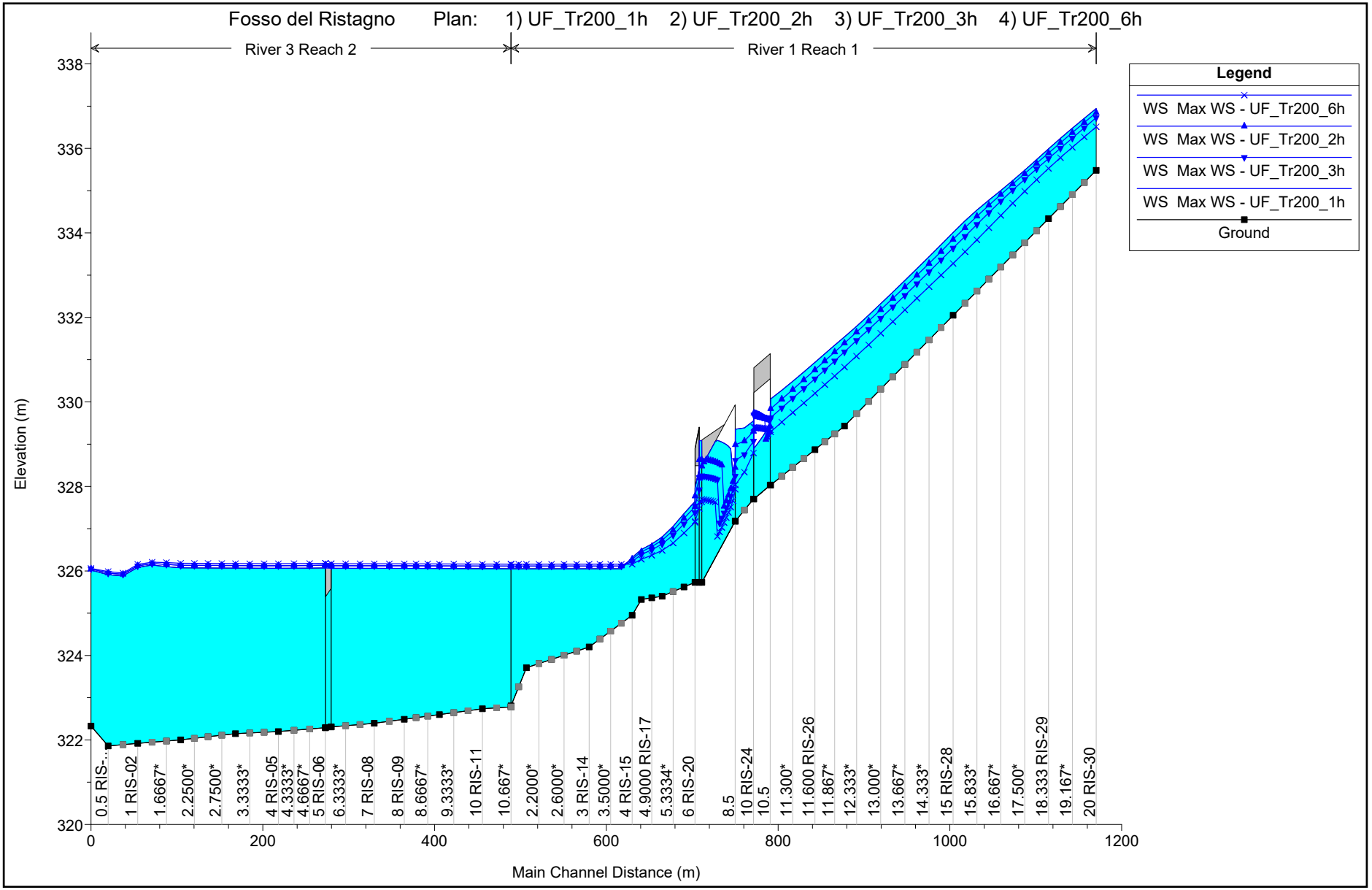
MODELLAZIONE HEC-RAS 5.0.7 "FOSSO DEL RISTAGNO"

FOSSO DEL RISTAGNO

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 1, 2, 3 e 6 h

Profilo longitudinale


Fosso del Ristagno Plan: 1) UF_Tr200_1h 2) UF_Tr200_2h 3) UF_Tr200_3h 4) UF_Tr200_6h
River 3 Reach 2
River 1 Reach 1
Legend
WS Max WS - UF_Tr200_6h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_1h
Ground
Elevation (m)
Main Channel Distance (m)
338
336
334
332
330
328
326
324
322
320
0
200
400
600
800
1000
1200
0.5 RIS-...
1 RIS-02
1.6667*
2.2500*
2.7500*
3.3333*
4 RIS-05
4.3333*
4.6667*
5 RIS-06
6.3333*
7 RIS-08
8 RIS-09
8.6667*
9.3333*
10 RIS-11
10.667*
2.2000*
2.6000*
3 RIS-14
3.5000*
4 RIS-15
4.9000 RIS-17
5.3334*
6 RIS-20
8.5
10 RIS-24
10.5
11.300*
11.600 RIS-26
11.867*
12.333*
13.000*
13.667*
14.333*
15 RIS-28
15.833*
16.667*
17.500*
18.333 RIS-29
19.167*
20 RIS-30

ALLEGATI

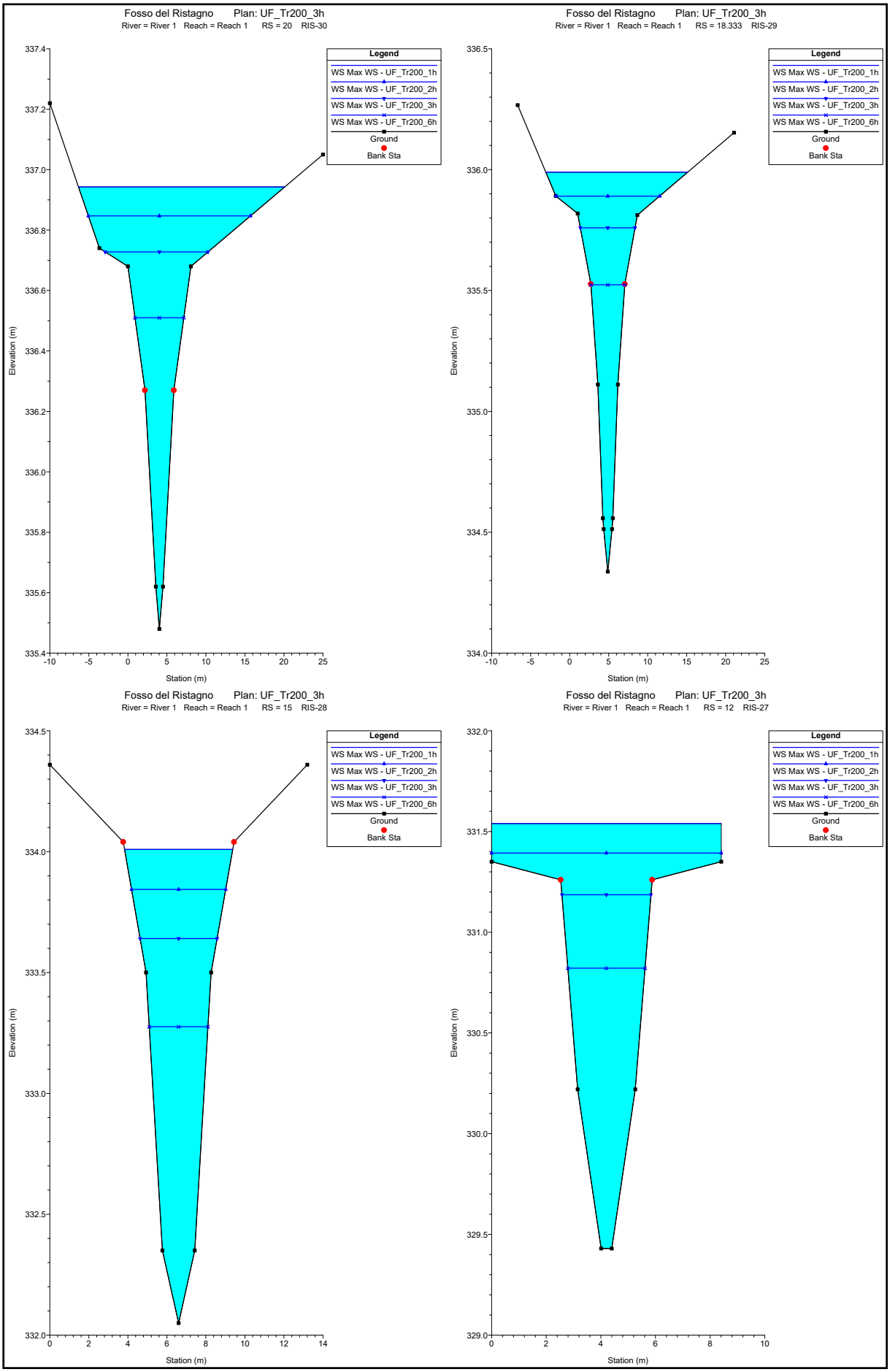
MODELLAZIONE HEC-RAS 5.0.7 "FOSSO DEL RISTAGNO"

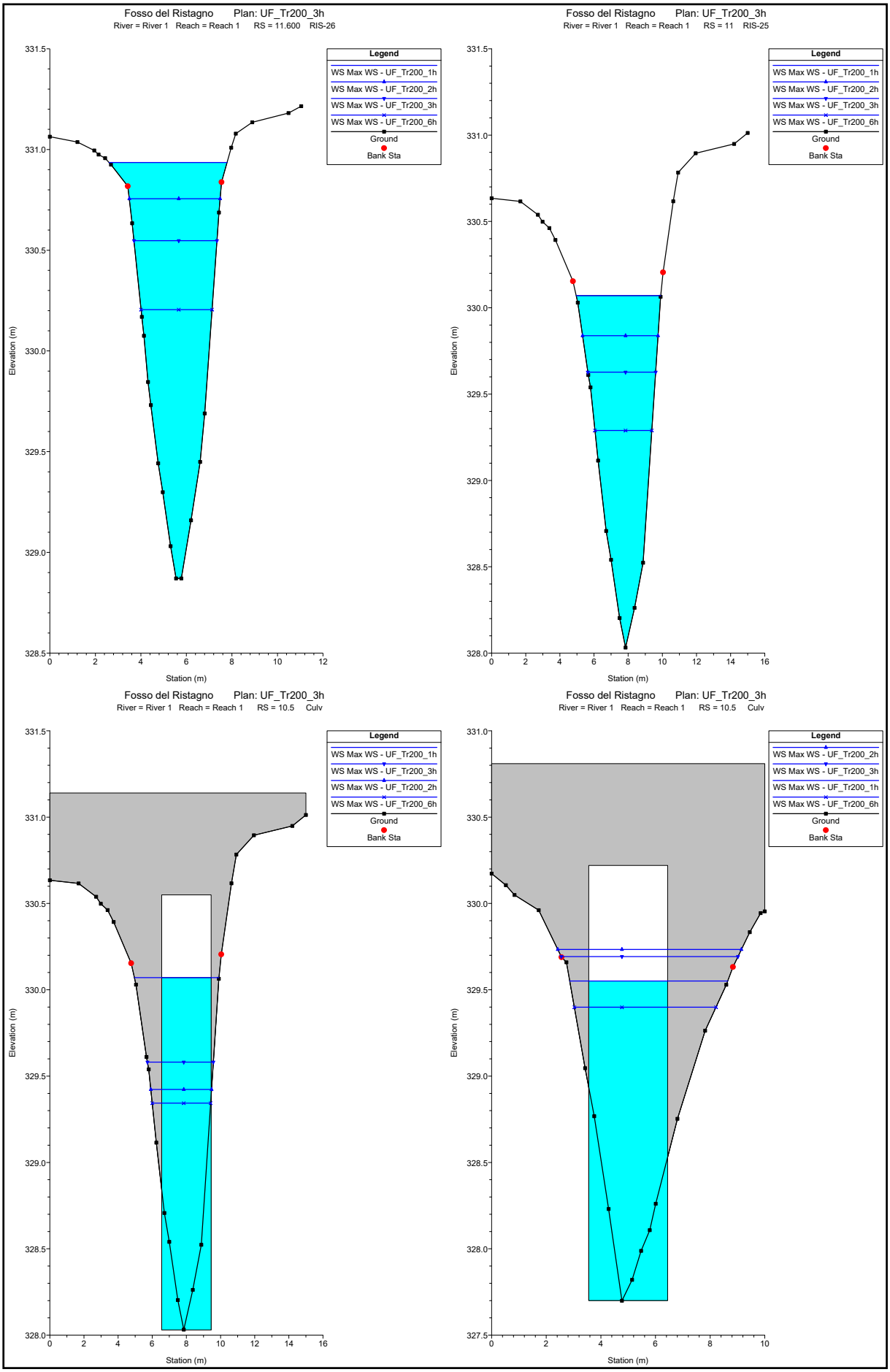
FOSSO DEL RISTAGNO

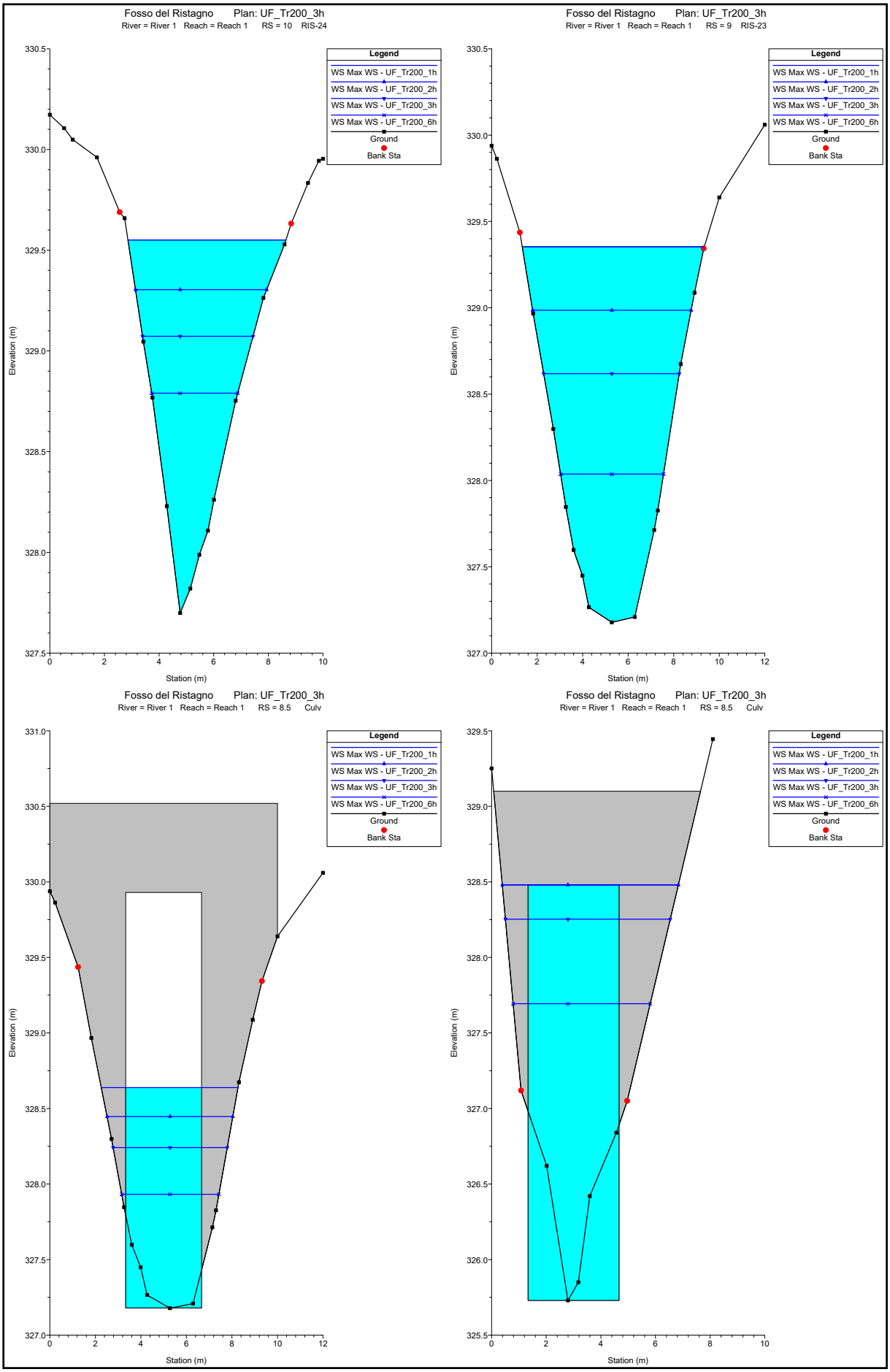
MODELLAZIONE PER TR= 200 anni

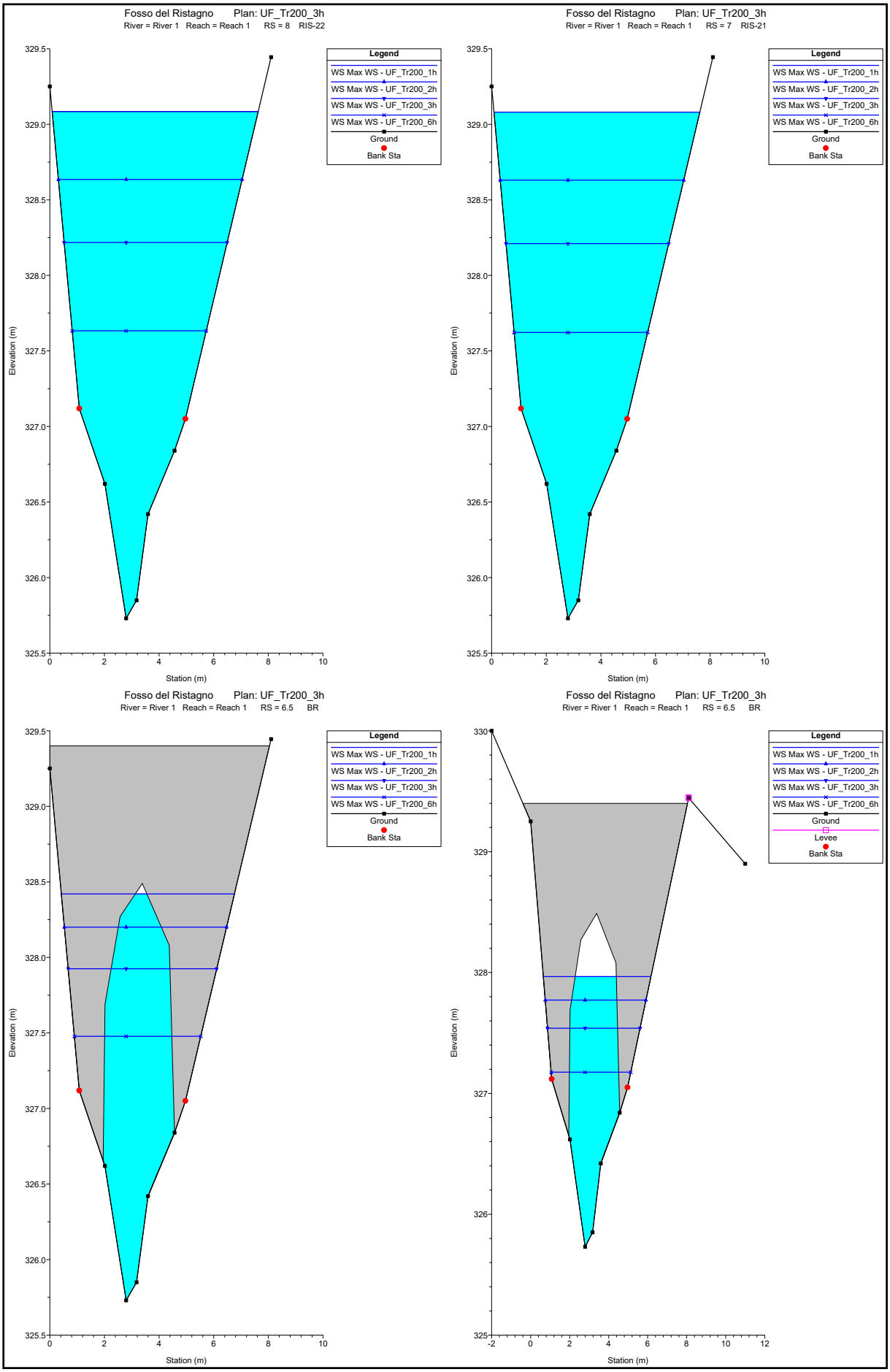
DURATE DI PIOGGIA: 1, 2, 3 e 6 h

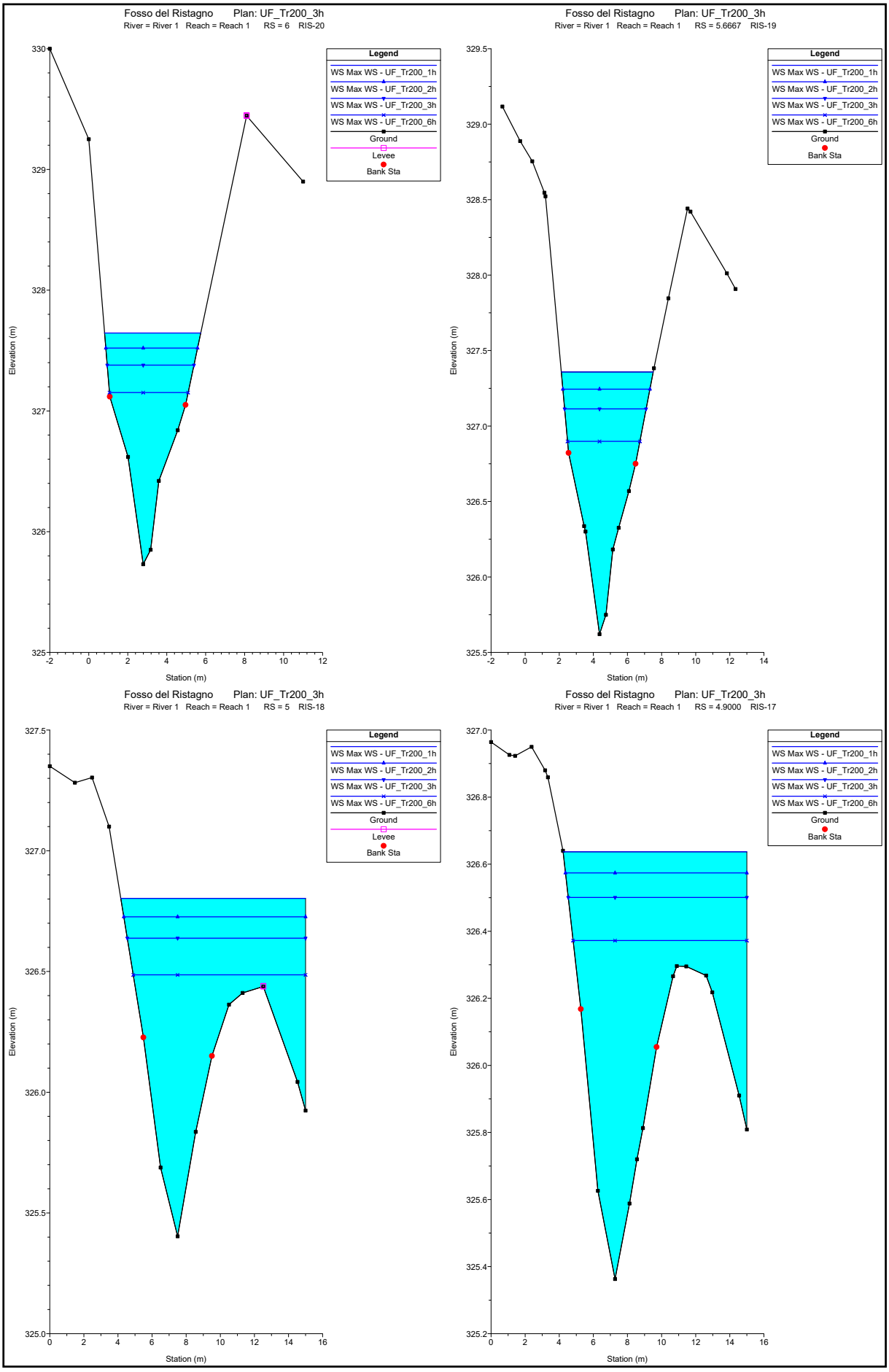
Sezioni Trasversali (da monte verso valle)

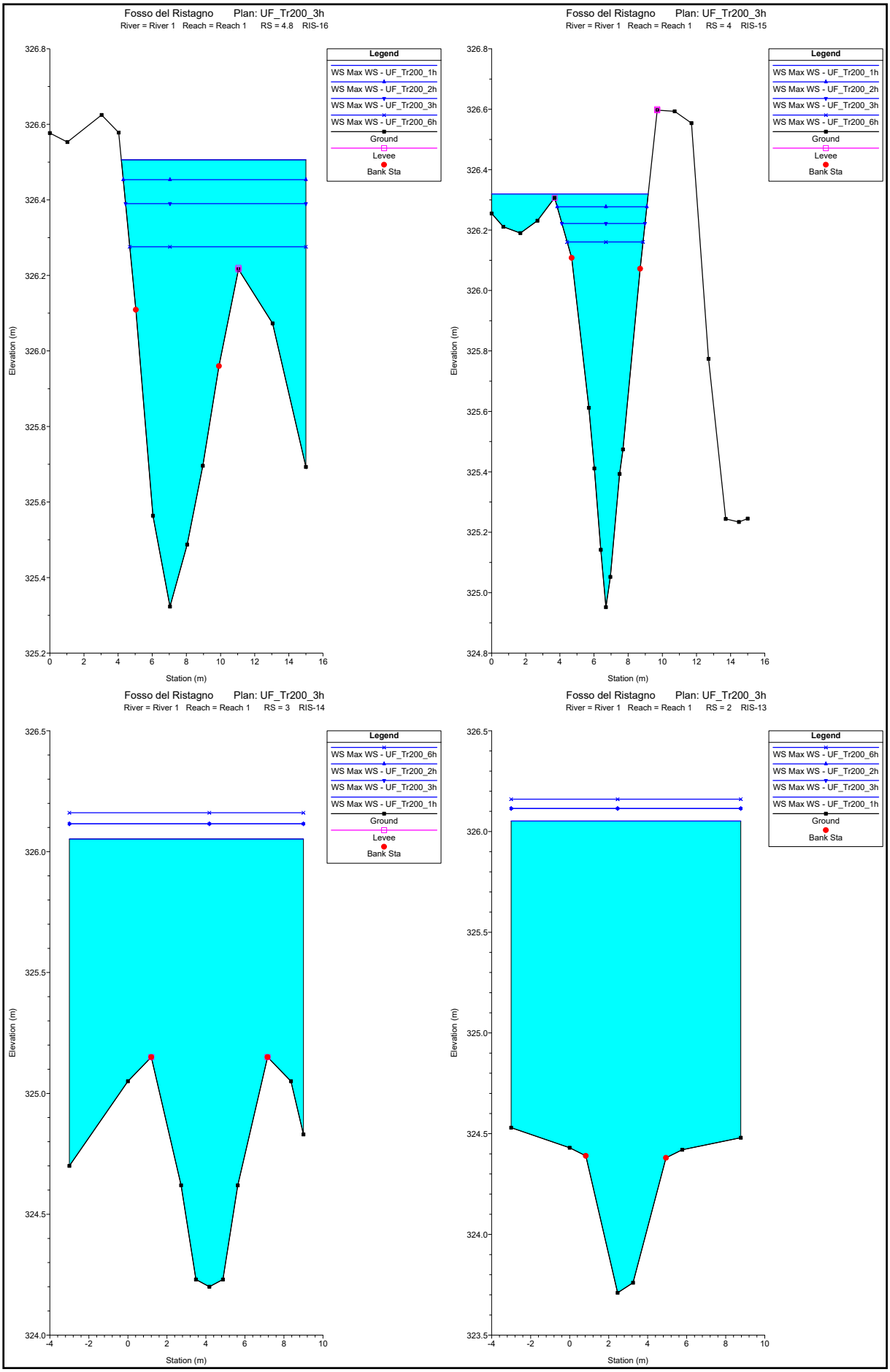

Fosso del Ristagno Plan: UF_Tr200_3h
River = River 1 Reach = Reach 1 RS = 20 RIS-30
Legend
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_6h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Ristagno Plan: UF_Tr200_3h
River = River 1 Reach = Reach 1 RS = 18.333 RIS-29
Legend
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_6h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Ristagno Plan: UF_Tr200_3h
River = River 1 Reach = Reach 1 RS = 15 RIS-28
Legend
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_6h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Ristagno Plan: UF_Tr200_3h
River = River 1 Reach = Reach 1 RS = 12 RIS-27
Legend
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_6h
Ground
Bank Sta
Elevation (m)
Station (m)


Fosso del Ristagno Plan: UF_Tr200_3h
River = River 1 Reach = Reach 1 RS = 11.600 RIS-26
Legend
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_6h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Ristagno Plan: UF_Tr200_3h
River = River 1 Reach = Reach 1 RS = 11 RIS-25
Legend
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_6h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Ristagno Plan: UF_Tr200_3h
River = River 1 Reach = Reach 1 RS = 10.5 Culv
Legend
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_6h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Ristagno Plan: UF_Tr200_3h
River = River 1 Reach = Reach 1 RS = 10.5 Culv
Legend
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_6h
Ground
Bank Sta
Elevation (m)
Station (m)

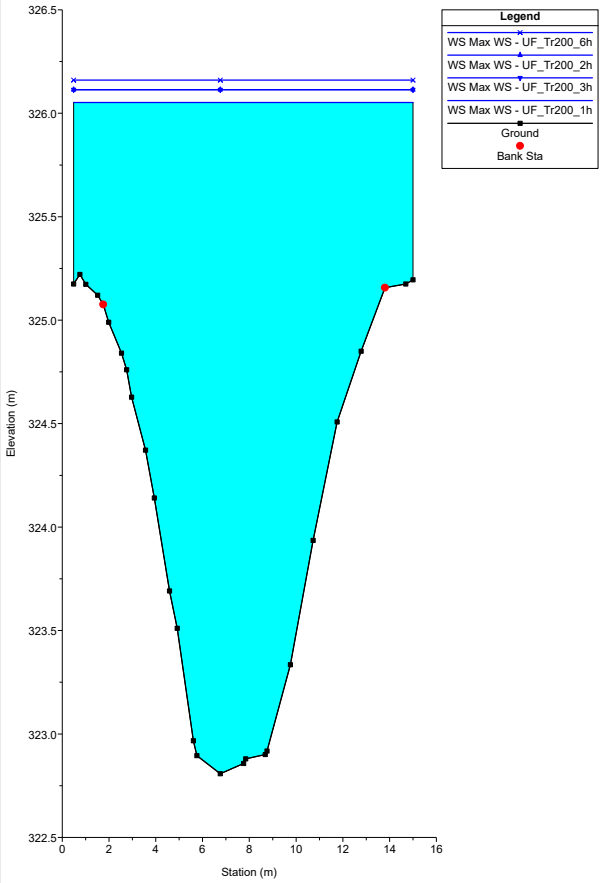

Fosso del Ristagno Plan: UF_Tr200_3h
River = River 1 Reach = Reach 1 RS = 10 RIS-24
Legend
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_6h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Ristagno Plan: UF_Tr200_3h
River = River 1 Reach = Reach 1 RS = 9 RIS-23
Legend
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_6h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Ristagno Plan: UF_Tr200_3h
River = River 1 Reach = Reach 1 RS = 8.5 Culv
Legend
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_6h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Ristagno Plan: UF_Tr200_3h
River = River 1 Reach = Reach 1 RS = 8.5 Culv
Legend
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_6h
Ground
Bank Sta
Elevation (m)
Station (m)


Fosso del Ristagno Plan: UF_Tr200_3h
River = River 1 Reach = Reach 1 RS = 8 RIS-22
Legend
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_6h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Ristagno Plan: UF_Tr200_3h
River = River 1 Reach = Reach 1 RS = 7 RIS-21
Legend
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_6h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Ristagno Plan: UF_Tr200_3h
River = River 1 Reach = Reach 1 RS = 6.5 BR
Legend
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_6h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Ristagno Plan: UF_Tr200_3h
River = River 1 Reach = Reach 1 RS = 6.5 BR
Legend
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_6h
Ground
Levee
Bank Sta
Elevation (m)
Station (m)

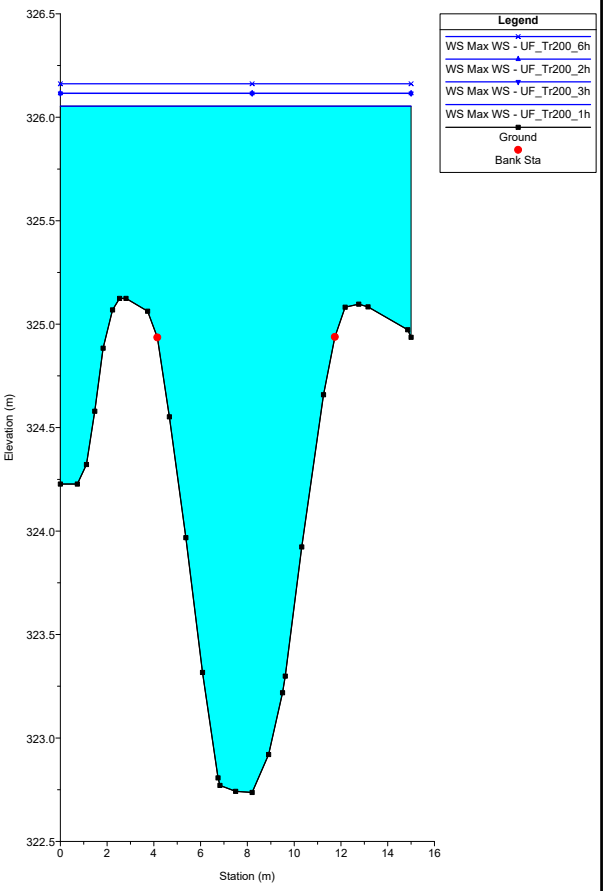

Fosso del Ristagno Plan: UF_Tr200_3h
River = River 1 Reach = Reach 1 RS = 6 RIS-20
Legend
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_6h
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Fosso del Ristagno Plan: UF_Tr200_3h
River = River 1 Reach = Reach 1 RS = 5.6667 RIS-19
Legend
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_6h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Ristagno Plan: UF_Tr200_3h
River = River 1 Reach = Reach 1 RS = 5 RIS-18
Legend
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_6h
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Fosso del Ristagno Plan: UF_Tr200_3h
River = River 1 Reach = Reach 1 RS = 4.9000 RIS-17
Legend
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_6h
Ground
Bank Sta
Elevation (m)
Station (m)


Fosso del Ristagno Plan: UF_Tr200_3h
River = River 1 Reach = Reach 1 RS = 4.8 RIS-16
Legend
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_6h
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Fosso del Ristagno Plan: UF_Tr200_3h
River = River 1 Reach = Reach 1 RS = 4 RIS-15
Legend
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_6h
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Fosso del Ristagno Plan: UF_Tr200_3h
River = River 1 Reach = Reach 1 RS = 3 RIS-14
Legend
WS Max WS - UF_Tr200_6h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_1h
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Fosso del Ristagno Plan: UF_Tr200_3h
River = River 1 Reach = Reach 1 RS = 2 RIS-13
Legend
WS Max WS - UF_Tr200_6h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_1h
Ground
Bank Sta
Elevation (m)
Station (m)

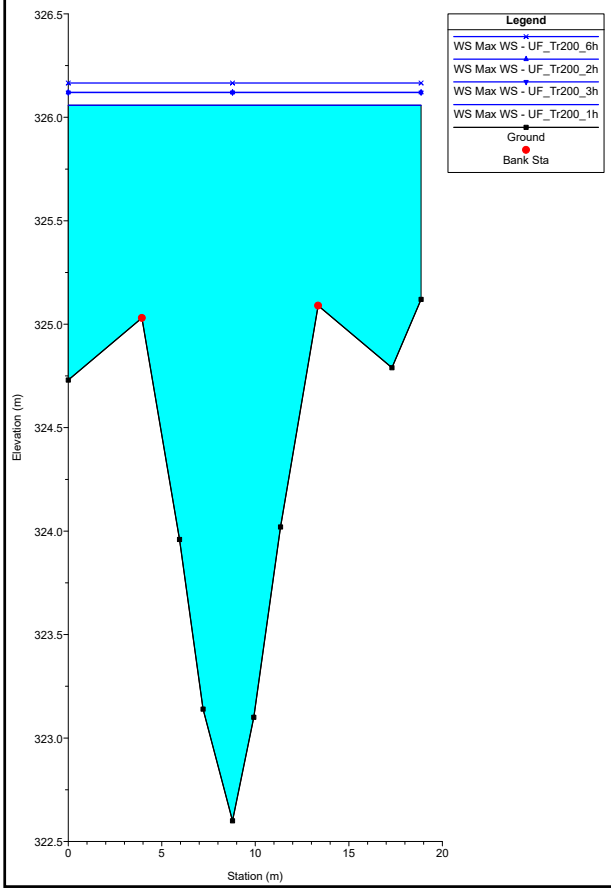
Fosso del Ristagno Plan: UF_Tr200_3h
River = River 1 Reach = Reach 1 RS = 1 RIS-12



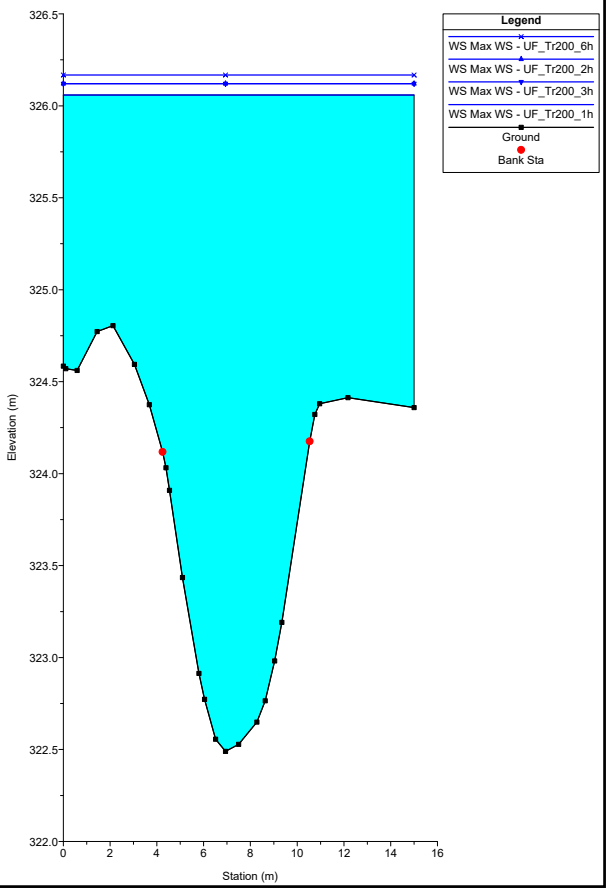
Fosso del Ristagno Plan: UF_Tr200_3h
River = River 3 Reach = Reach 2 RS = 10 RIS-11

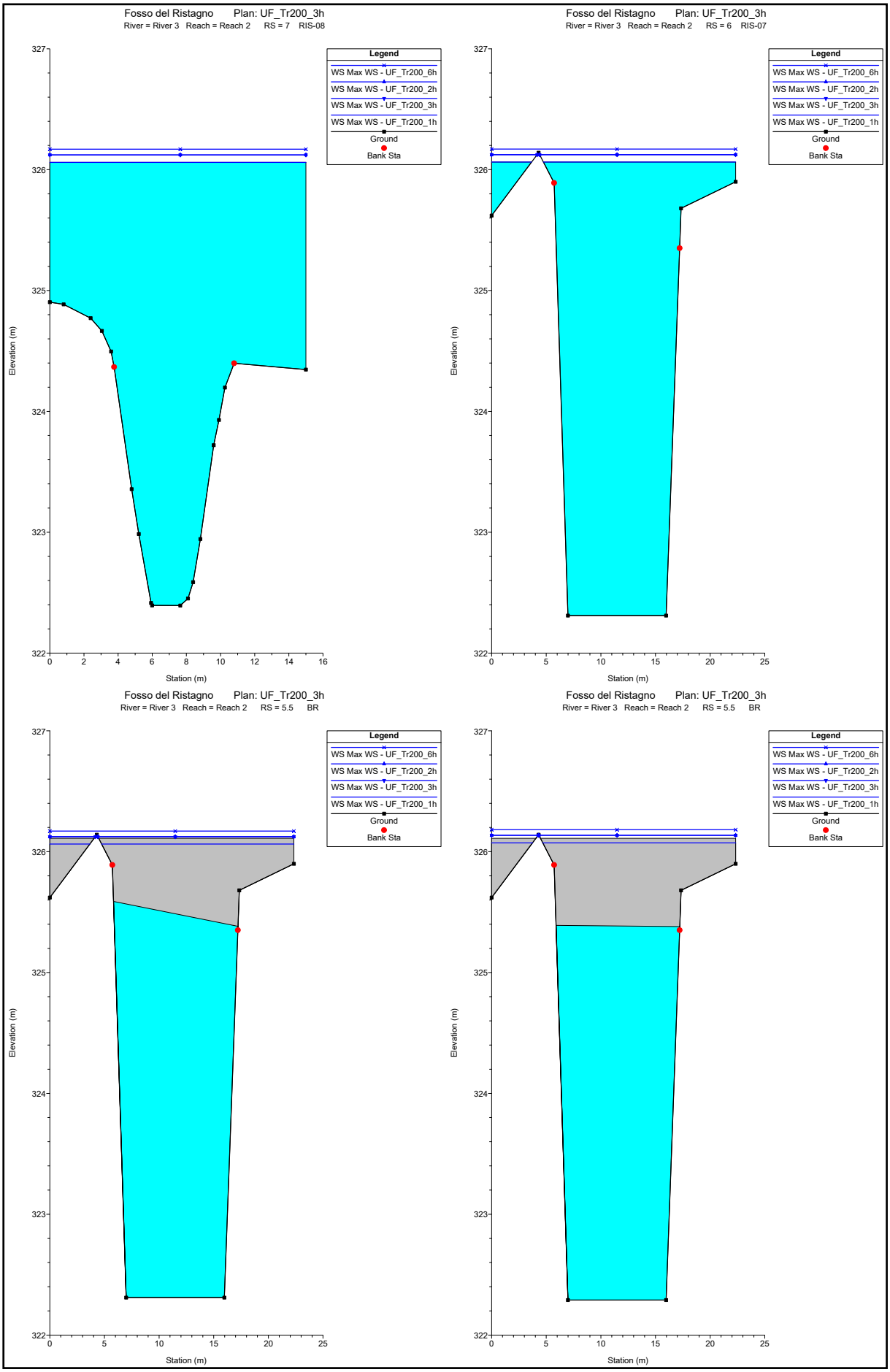


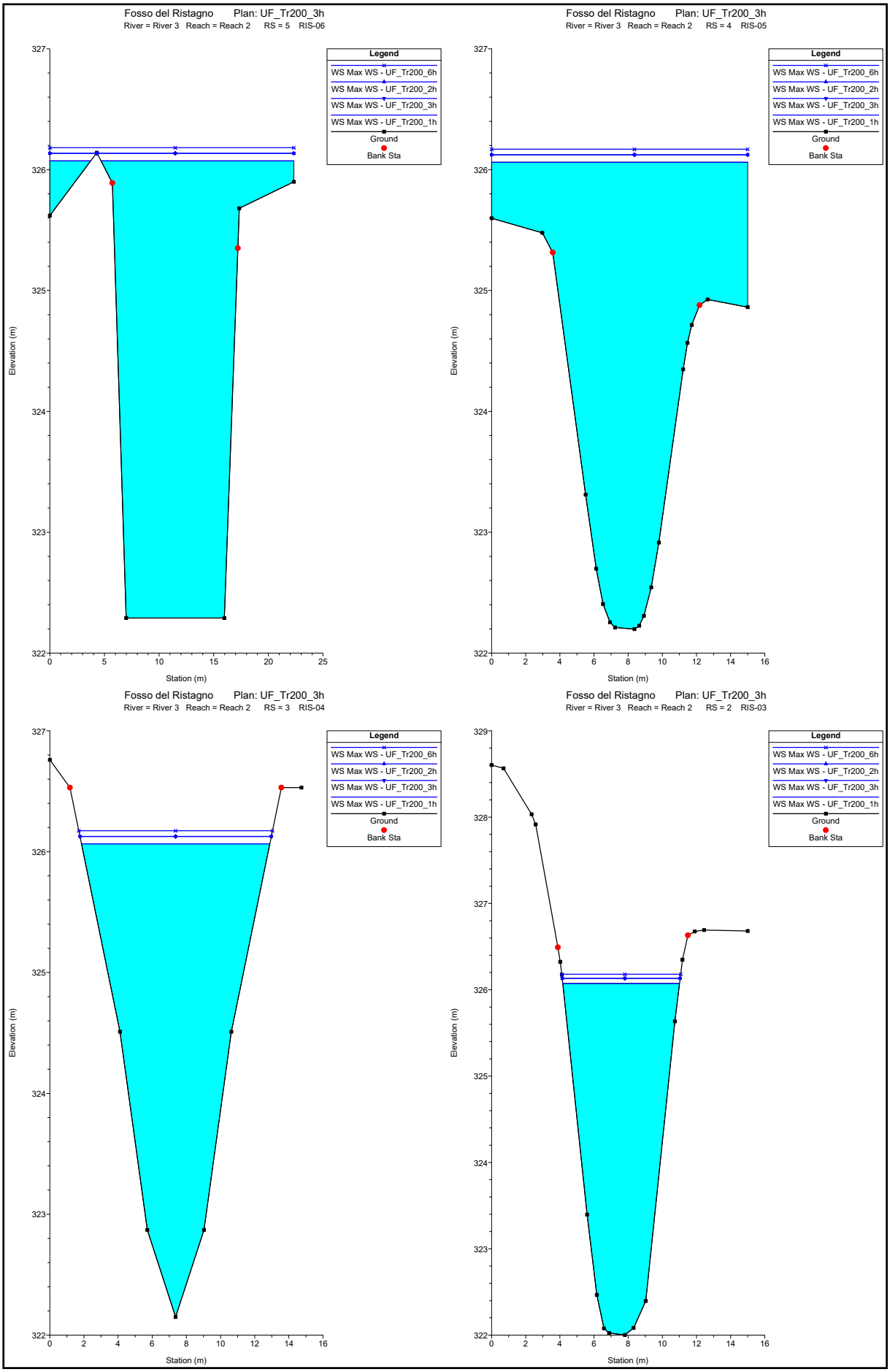
Fosso del Ristagno Plan: UF_Tr200_3h
River = River 3 Reach = Reach 2 RS = 9 RIS-10

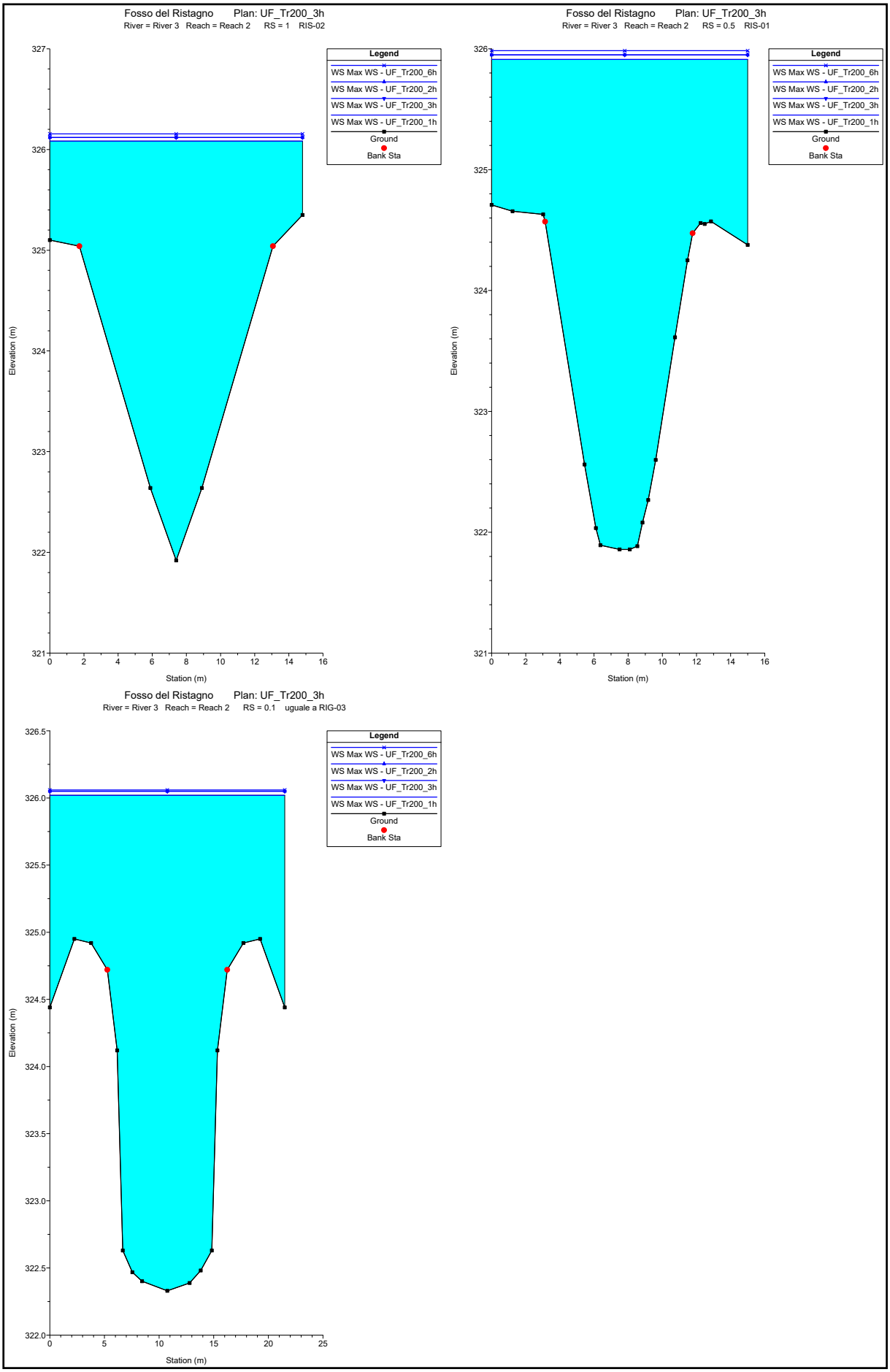


Fosso del Ristagno Plan: UF_Tr200_3h
River = River 3 Reach = Reach 2 RS = 8 RIS-09




Fosso del Ristagno Plan: UF_Tr200_3h
River = River 3 Reach = Reach 2 RS = 7 RIS-08
Legend
WS Max WS - UF_Tr200_6h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_1h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Ristagno Plan: UF_Tr200_3h
River = River 3 Reach = Reach 2 RS = 6 RIS-07
Legend
WS Max WS - UF_Tr200_6h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_1h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Ristagno Plan: UF_Tr200_3h
River = River 3 Reach = Reach 2 RS = 5.5 BR
Legend
WS Max WS - UF_Tr200_6h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_1h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Ristagno Plan: UF_Tr200_3h
River = River 3 Reach = Reach 2 RS = 5.5 BR
Legend
WS Max WS - UF_Tr200_6h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_1h
Ground
Bank Sta
Elevation (m)
Station (m)


Fosso del Ristagno Plan: UF_Tr200_3h
River = River 3 Reach = Reach 2 RS = 5 RIS-06
Legend
WS Max WS - UF_Tr200_6h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_1h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Ristagno Plan: UF_Tr200_3h
River = River 3 Reach = Reach 2 RS = 4 RIS-05
Legend
WS Max WS - UF_Tr200_6h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_1h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Ristagno Plan: UF_Tr200_3h
River = River 3 Reach = Reach 2 RS = 3 RIS-04
Legend
WS Max WS - UF_Tr200_6h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_1h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Ristagno Plan: UF_Tr200_3h
River = River 3 Reach = Reach 2 RS = 2 RIS-03
Legend
WS Max WS - UF_Tr200_6h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_1h
Ground
Bank Sta
Elevation (m)
Station (m)


Fosso del Ristagno Plan: UF_Tr200_3h
River = River 3 Reach = Reach 2 RS = 1 RIS-02
Legend
WS Max WS - UF_Tr200_6h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_1h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Ristagno Plan: UF_Tr200_3h
River = River 3 Reach = Reach 2 RS = 0.5 RIS-01
Legend
WS Max WS - UF_Tr200_6h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_1h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Ristagno Plan: UF_Tr200_3h
River = River 3 Reach = Reach 2 RS = 0.1 uguale a RIG-03
Legend
WS Max WS - UF_Tr200_6h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_1h
Ground
Bank Sta
Elevation (m)
Station (m)

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "FOSSO DEL RISTAGNO"

FOSSO DEL RISTAGNO

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 1, 2, 3 e 6 h

Dati idraulici

HEC-RAS Profile: Max WS

River	Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
					(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
River 3	Reach 2	10.31			Lat Struct											
River 3	Reach 2	10.3			Lat Struct											
River 3	Reach 2	10	Max WS	UF_Tr200_1h	-8.94	322.74	326.05		326.06	0.000080	-0.42	-0.13	-0.12	27.48	15.00	0.08
River 3	Reach 2	10	Max WS	UF_Tr200_2h	-9.55	322.74	326.12		326.12	0.000083	-0.43	-0.14	-0.13	28.41	15.00	0.09
River 3	Reach 2	10	Max WS	UF_Tr200_3h	-9.56	322.74	326.12		326.12	0.000083	-0.43	-0.14	-0.13	28.41	15.00	0.09
River 3	Reach 2	10	Max WS	UF_Tr200_6h	-9.43	322.74	326.16		326.17	0.000076	-0.42	-0.14	-0.13	29.11	15.00	0.08
River 3	Reach 2	9	Max WS	UF_Tr200_1h	-9.44	322.60	326.06		326.06	0.000067	-0.37	-0.13	-0.13	32.32	18.86	0.08
River 3	Reach 2	9	Max WS	UF_Tr200_2h	-10.07	322.60	326.12		326.13	0.000069	-0.39	-0.13	-0.14	33.49	18.86	0.08
River 3	Reach 2	9	Max WS	UF_Tr200_3h	-10.06	322.60	326.12		326.13	0.000069	-0.39	-0.13	-0.14	33.49	18.86	0.08
River 3	Reach 2	9	Max WS	UF_Tr200_6h	-9.93	322.60	326.17		326.17	0.000062	-0.37	-0.13	-0.13	34.36	18.86	0.08
River 3	Reach 2	8	Max WS	UF_Tr200_1h	-9.80	322.49	326.06		326.07	0.000061	-0.42	-0.14	-0.15	32.46	15.00	0.08
River 3	Reach 2	8	Max WS	UF_Tr200_2h	-10.45	322.49	326.12		326.13	0.000064	-0.44	-0.14	-0.15	33.38	15.00	0.08
River 3	Reach 2	8	Max WS	UF_Tr200_3h	-10.45	322.49	326.12		326.13	0.000064	-0.44	-0.14	-0.15	33.38	15.00	0.08
River 3	Reach 2	8	Max WS	UF_Tr200_6h	-10.16	322.49	326.17		326.17	0.000057	-0.42	-0.14	-0.15	34.08	15.00	0.08
River 3	Reach 2	7	Max WS	UF_Tr200_1h	-10.25	322.39	326.06		326.07	0.000063	-0.41	-0.13	-0.15	32.69	15.00	0.08
River 3	Reach 2	7	Max WS	UF_Tr200_2h	-10.71	322.39	326.12		326.13	0.000064	-0.42	-0.13	-0.15	33.62	15.00	0.08
River 3	Reach 2	7	Max WS	UF_Tr200_3h	-10.71	322.39	326.12		326.13	0.000064	-0.42	-0.13	-0.15	33.62	15.00	0.08
River 3	Reach 2	7	Max WS	UF_Tr200_6h	-10.48	322.39	326.17		326.18	0.000058	-0.40	-0.13	-0.15	34.32	15.00	0.07
River 3	Reach 2	6	Max WS	UF_Tr200_1h	-12.18	322.31	326.06		326.07	0.000036	-0.31	-0.03	-0.04	41.29	21.26	0.05
River 3	Reach 2	6	Max WS	UF_Tr200_2h	-12.75	322.31	326.12		326.13	0.000037	-0.32	-0.04	-0.05	42.63	22.12	0.05
River 3	Reach 2	6	Max WS	UF_Tr200_3h	-12.74	322.31	326.12		326.13	0.000037	-0.32	-0.04	-0.05	42.63	22.12	0.05
River 3	Reach 2	6	Max WS	UF_Tr200_6h	-12.50	322.31	326.17		326.18	0.000034	-0.31	-0.04	-0.05	43.67	22.34	0.05
River 3	Reach 2	5.5			Bridge											
River 3	Reach 2	5	Max WS	UF_Tr200_1h	-12.58	322.29	326.07		326.08	0.000038	-0.32	-0.03	-0.04	41.71	21.40	0.05
River 3	Reach 2	5	Max WS	UF_Tr200_2h	-13.42	322.29	326.14		326.14	0.000040	-0.33	-0.04	-0.05	43.10	22.28	0.06
River 3	Reach 2	5	Max WS	UF_Tr200_3h	-13.47	322.29	326.14		326.14	0.000040	-0.33	-0.04	-0.05	43.10	22.28	0.06
River 3	Reach 2	5	Max WS	UF_Tr200_6h	-12.75	322.29	326.18		326.19	0.000034	-0.31	-0.04	-0.05	44.12	22.34	0.05
River 3	Reach 2	4	Max WS	UF_Tr200_1h	-15.23	322.20	326.06		326.08	0.000158	-0.61	-0.13	-0.18	28.92	15.00	0.12
River 3	Reach 2	4	Max WS	UF_Tr200_2h	-16.05	322.20	326.12		326.14	0.000162	-0.62	-0.14	-0.19	29.85	15.00	0.12
River 3	Reach 2	4	Max WS	UF_Tr200_3h	-16.22	322.20	326.12		326.14	0.000166	-0.63	-0.14	-0.19	29.84	15.00	0.12
River 3	Reach 2	4	Max WS	UF_Tr200_6h	-16.18	322.20	326.17		326.19	0.000155	-0.62	-0.14	-0.19	30.55	15.00	0.12
River 3	Reach 2	3.99			Lat Struct											
River 3	Reach 2	3.98			Lat Struct											
River 3	Reach 2	3	Max WS	UF_Tr200_1h	-15.79	322.15	326.07		326.09	0.000293	-0.69			22.91	11.03	0.15
River 3	Reach 2	3	Max WS	UF_Tr200_2h	-16.83	322.15	326.13		326.15	0.000308	-0.71			23.59	11.21	0.16
River 3	Reach 2	3	Max WS	UF_Tr200_3h	-16.85	322.15	326.13		326.15	0.000309	-0.71			23.59	11.21	0.16
River 3	Reach 2	3	Max WS	UF_Tr200_6h	-16.58	322.15	326.17		326.20	0.000282	-0.69			24.12	11.35	0.15
River 3	Reach 2	2	Max WS	UF_Tr200_1h	-16.97	322.00	326.07		326.12	0.000529	-0.91			18.62	6.84	0.18
River 3	Reach 2	2	Max WS	UF_Tr200_2h	-18.20	322.00	326.13		326.18	0.000575	-0.96			19.02	6.91	0.18
River 3	Reach 2	2	Max WS	UF_Tr200_3h	-18.16	322.00	326.13		326.18	0.000573	-0.95			19.02	6.91	0.18
River 3	Reach 2	2	Max WS	UF_Tr200_6h	-16.51	322.00	326.18		326.22	0.000453	-0.85			19.36	6.97	0.16
River 3	Reach 2	1	Max WS	UF_Tr200_1h	-43.56	321.92	326.08		326.18	0.000786	-1.41	-0.35	-0.34	33.45	14.80	0.28
River 3	Reach 2	1	Max WS	UF_Tr200_2h	-32.04	321.92	326.12		326.17	0.000406	-1.02	-0.25	-0.25	33.98	14.80	0.20
River 3	Reach 2	1	Max WS	UF_Tr200_3h	-32.04	321.92	326.12		326.17	0.000406	-1.02	-0.25	-0.25	33.98	14.80	0.20
River 3	Reach 2	1	Max WS	UF_Tr200_6h	-30.04	321.92	326.16		326.20	0.000341	-0.94	-0.24	-0.23	34.51	14.80	0.18
River 3	Reach 2	0.5	Max WS	UF_Tr200_1h	-51.95	321.86	325.91		326.06	0.001122	-1.78	-0.52	-0.54	35.17	15.00	0.32
River 3	Reach 2	0.5	Max WS	UF_Tr200_2h	-53.11	321.86	325.95		326.10	0.001122	-1.79	-0.53	-0.55	35.74	15.00	0.32
River 3	Reach 2	0.5	Max WS	UF_Tr200_3h	-52.56	321.86	325.95		326.10	0.001099	-1.77	-0.52	-0.54	35.74	15.00	0.32
River 3	Reach 2	0.5	Max WS	UF_Tr200_6h	-56.56	321.86	325.98		326.15	0.001223	-1.89	-0.56	-0.58	36.25	15.00	0.34
River 3	Reach 2	0.1	Max WS	UF_Tr200_1h	-67.50	322.33	326.02	324.32	326.16	0.001050	-1.74	-0.51	-0.51	47.76	21.50	0.31
River 3	Reach 2	0.1	Max WS	UF_Tr200_2h	-70.72	322.33	326.05	324.39	326.20	0.001112	-1.81	-0.54	-0.54	48.41	21.50	0.32
River 3	Reach 2	0.1	Max WS	UF_Tr200_3h	-70.71	322.33	326.05	324.39	326.20	0.001112	-1.81	-0.54	-0.54	48.41	21.50	0.32
River 3	Reach 2	0.1	Max WS	UF_Tr200_6h	-59.72	322.33	326.06	324.17	326.17	0.000783	-1.52	-0.45	-0.45	48.62	21.50	0.27
River 1	Reach 1	20	Max WS	UF_Tr200_1h	18.69	335.48	336.94	337.15	337.51	0.016785	3.71	0.86	0.70	8.80	26.44	1.13
River 1	Reach 1	20	Max WS	UF_Tr200_2h	14.90	335.48	336.85	337.07	337.40	0.017089	3.52	0.72	0.61	6.54	20.78	1.13
River 1	Reach 1	20	Max WS	UF_Tr200_3h	11.40	335.48	336.73	336.93	337.25	0.017663	3.29	0.54	0.59	4.48	13.18	1.12
River 1	Reach 1	20	Max WS	UF_Tr200_6h	6.80	335.48	336.51	336.58	336.88	0.017523	2.71	0.53	0.53	2.76	6.27	1.06
River 1	Reach 1	18.333	Max WS	UF_Tr200_1h	18.65	334.34	335.99	336.24	336.65	0.018708	3.72	0.69	0.60	6.72	18.18	1.15
River 1	Reach 1	18.333	Max WS	UF_Tr200_2h	14.89	334.34	335.89	336.11	336.47	0.017924	3.41	0.49	0.49	5.17	13.29	1.11
River 1	Reach 1	18.333	Max WS	UF_Tr200_3h	11.40	334.34	335.76	335.81	336.23	0.017629	3.07	0.52	0.52	3.97	7.01	1.07
River 1	Reach 1	18.333	Max WS	UF_Tr200_6h	6.80	334.34	335.52	335.54	335.86	0.019269	2.58			2.63	4.35	1.06
River 1	Reach 1	18.32			Lat Struct											
River 1	Reach 1	15	Max WS	UF_Tr200_1h	18.60	332.05	334.01	334.10	334.62	0.020876	3.45			5.39	5.55	1.12
River 1	Reach 1	15	Max WS	UF_Tr200_2h	14.88	332.05	333.84	333.91	334.39	0.020346	3.29			4.53	4.83	1.08
River 1	Reach 1	15	Max WS	UF_Tr200_3h	11.40	332.05	333.64	333.68	334.14	0.019832	3.14			3.64	3.95	1.04
River 1	Reach 1	15	Max WS	UF_Tr200_6h	6.80	332.05	333.28	333.27	333.68	0.019492	2.82			2.41	3.01	1.01
River 1	Reach 1	12	Max WS	UF_Tr200_1h	17.52	329.43	331.54	331.65	332.13	0.016562	3.49	0.78	0.78	5.94	8.41	0.93
River 1	Reach 1	12	Max WS	UF_Tr200_2h	14.85	329.43	331.39	331.53	331.99	0.018499	3.43	0.44	0.44	4.72	8.41	0.97
River 1	Reach 1	12	Max WS	UF_Tr200_3h	11.40	329.43	331.19	331.16	331.70	0.019267	3.18			3.58	3.26	0.97
River 1	Reach 1	12	Max WS	UF_Tr200_6h	6.80	329.43	330.82	330.78	331.21	0.018390	2.75			2.47	2.83	0.94
River 1	Reach 1	11.600	Max WS	UF_Tr200_1h	18.37	328.87	330.94	330.96	331.57	0.017615	3.52	0.33	0.28	5.27	5.18	1.00
River 1	Reach 1	11.600	Max WS	UF_Tr200_2h	14.87	328.87	330.76	330.76	331.32	0.018360	3.32			4.47	3.99	1.00
River 1	Reach 1	11.600	Max WS	UF_Tr200_3h	11.40	328.87	330.55	330.53	331.04	0.018090	3.10			3.68	3.65	0.99
River 1	Reach 1	11.600	Max WS	UF_Tr200_6h	6.80	328.87	330.21	330.17	330.58	0.017701	2.70			2.52	3.12	0.96
River 1	Reach 1	11.59			Lat Struct											
River 1	Reach 1	11	Max WS	UF_Tr200_1h	18.37	328.03	330.07		330.60	0.015336	3.22			5.70	4.95	0.96
River 1	Reach 1	11	Max WS	UF_Tr200_2h	14.87	328.03	329.84		330.37	0.017425	3.22			4.61	4.42	1.01
River 1	Reach 1	11	Max WS	UF_Tr200_3h	11.40	328.03	329.63		330.10	0.017920	3.06			3.73	3.97	1.01
River 1	Reach 1	11	Max WS	UF_Tr200_6h	6.80	328.03	329.29		329.67	0.018434	2.72			2.50	3.33	1.00
River 1	Reach 1	10.5			Culvert											
River 1	Reach 1	10	Max WS	UF_Tr200_1h	18.37	327.70	329.55	329.68	330.19	0.023031	3.55			5.17	5.78	1.20
River 1	Reach 1	10	Max WS	UF_Tr200_2h	14.87	327.70	329.30	329.53	330.06	0.031631	3.85			3.86	4.80	1.37
River 1	Reach 1	10	Max WS	UF_Tr200_3h	11.40	327.70	329.07	329.34	329.89	0.041362	4.01			2.84	4.05	1.53
River 1	Reach 1	10	Max WS	UF_Tr200_6h	6.80	327.70	328.79	329.02	329.50	0.046587	3.72			1.83	3.15	1.56
River 1	Reach 1	9	Max WS	UF_Tr200_1h	18.37	327.18	329.35		329.50	0.002822	1.68		0.02	10.91	8.00	0.46
River 1	Reach 1	9	Max WS	UF_Tr200_2h	14.87	327.18	328.99		329.15	0.004017	1.82			8.17	6.97	0.54
River 1	Reach 1	9	Max WS	UF_Tr200_3h	11.40	327.18	328.62		328.82	0.005923	1.97			5.80	5.96	0.64
River 1	Reach 1	9	Max WS	UF_Tr200_6h	6.80	327.18	328.04		328.35	0.016587	2.47			2.75	4.52	1.01

HEC-RAS Profile: Max WS (Continued)

River	Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
					(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
River 1	Reach 1	8.5			Culvert											
River 1	Reach 1	8	Max WS	UF_Tr200_1h	18.37	325.73	329.08		329.21	0.001265	1.65	0.34	0.51	13.76	7.54	0.33
River 1	Reach 1	8	Max WS	UF_Tr200_2h	14.87	325.73	328.64		328.77	0.001656	1.66	0.33	0.50	10.55	6.73	0.36
River 1	Reach 1	8	Max WS	UF_Tr200_3h	11.40	325.73	328.22		328.35	0.002113	1.63	0.30	0.46	7.90	5.97	0.40
River 1	Reach 1	8	Max WS	UF_Tr200_6h	6.80	325.73	327.63		327.75	0.003173	1.51	0.22	0.35	4.72	4.91	0.45
River 1	Reach 1	7	Max WS	UF_Tr200_1h	18.37	325.73	329.08	327.82	329.21	0.001272	1.65	0.35	0.52	13.73	7.54	0.33
River 1	Reach 1	7	Max WS	UF_Tr200_2h	14.87	325.73	328.63	327.64	328.76	0.001671	1.67	0.33	0.50	10.52	6.72	0.36
River 1	Reach 1	7	Max WS	UF_Tr200_3h	11.40	325.73	328.21	327.46	328.34	0.002143	1.63	0.30	0.46	7.85	5.96	0.40
River 1	Reach 1	7	Max WS	UF_Tr200_6h	6.80	325.73	327.62	327.17	327.74	0.003280	1.53	0.22	0.36	4.67	4.89	0.46
River 1	Reach 1	6.5			Bridge											
River 1	Reach 1	6	Max WS	UF_Tr200_1h	18.37	325.73	327.65	327.82	328.47	0.022316	4.04	0.60	0.95	4.78	4.93	1.20
River 1	Reach 1	6	Max WS	UF_Tr200_2h	14.87	325.73	327.52	327.65	328.21	0.021653	3.69	0.50	0.80	4.18	4.71	1.16
River 1	Reach 1	6	Max WS	UF_Tr200_3h	11.40	325.73	327.38	327.46	327.93	0.021015	3.29	0.37	0.62	3.53	4.45	1.12
River 1	Reach 1	6	Max WS	UF_Tr200_6h	6.80	325.73	327.15	327.18	327.51	0.020246	2.65	0.09	0.28	2.57	4.04	1.04
River 1	Reach 1	5.6667	Max WS	UF_Tr200_1h	18.37	325.62	327.36	327.57	328.21	0.022963	4.14	0.77	1.03	4.76	5.39	1.26
River 1	Reach 1	5.6667	Max WS	UF_Tr200_2h	14.87	325.62	327.24	327.40	327.96	0.021975	3.77	0.64	0.88	4.16	5.10	1.21
River 1	Reach 1	5.6667	Max WS	UF_Tr200_3h	11.40	325.62	327.11	327.21	327.68	0.020993	3.35	0.49	0.70	3.52	4.78	1.16
River 1	Reach 1	5.6667	Max WS	UF_Tr200_6h	6.80	325.62	326.90	326.93	327.27	0.019814	2.69	0.19	0.38	2.55	4.24	1.07
River 1	Reach 1	5.6			Lat Struct											
River 1	Reach 1	5	Max WS	UF_Tr200_1h	17.77	325.40	326.80	326.89	327.28	0.015051	3.40	0.84	1.19	7.37	10.84	1.07
River 1	Reach 1	5	Max WS	UF_Tr200_2h	14.55	325.40	326.73	326.78	327.13	0.013786	3.09	0.73	1.03	6.55	10.66	1.01
River 1	Reach 1	5	Max WS	UF_Tr200_3h	11.28	325.40	326.64	326.67	326.97	0.012314	2.74	0.61	0.85	5.62	10.46	0.94
River 1	Reach 1	5	Max WS	UF_Tr200_6h	6.80	325.40	326.49	326.48	326.70	0.009881	2.16	0.40	0.53	4.06	10.11	0.82
River 1	Reach 1	4.9000	Max WS	UF_Tr200_1h	15.02	325.36	326.64	326.65	327.01	0.012435	2.94	0.66	1.03	6.95	10.78	0.97
River 1	Reach 1	4.9000	Max WS	UF_Tr200_2h	12.58	325.36	326.57	326.58	326.89	0.011455	2.69	0.58	0.90	6.28	10.64	0.92
River 1	Reach 1	4.9000	Max WS	UF_Tr200_3h	10.09	325.36	326.50	326.49	326.76	0.010422	2.42	0.48	0.76	5.51	10.48	0.86
River 1	Reach 1	4.9000	Max WS	UF_Tr200_6h	6.60	325.36	326.37	326.25	326.56	0.008941	2.00	0.32	0.52	4.18	10.19	0.78
River 1	Reach 1	4.89			Lat Struct											
River 1	Reach 1	4.8	Max WS	UF_Tr200_1h	12.77	325.32	326.51		326.77	0.009187	2.45	0.51	0.87	6.90	10.81	0.83
River 1	Reach 1	4.8	Max WS	UF_Tr200_2h	10.93	325.32	326.45		326.68	0.008518	2.26	0.45	0.78	6.34	10.70	0.79
River 1	Reach 1	4.8	Max WS	UF_Tr200_3h	9.07	325.32	326.39		326.58	0.007965	2.08	0.38	0.68	5.66	10.56	0.76
River 1	Reach 1	4.8	Max WS	UF_Tr200_6h	6.41	325.32	326.28		326.43	0.007403	1.80	0.26	0.52	4.47	10.32	0.71
River 1	Reach 1	4	Max WS	UF_Tr200_1h	11.51	324.95	326.32	326.52	326.95	0.025597	3.55	0.55	0.61	3.67	9.17	1.28
River 1	Reach 1	4	Max WS	UF_Tr200_2h	10.08	324.95	326.28	326.46	326.85	0.024517	3.35	0.50	0.53	3.10	5.25	1.24
River 1	Reach 1	4	Max WS	UF_Tr200_3h	8.62	324.95	326.22	326.38	326.71	0.023319	3.10	0.37	0.42	2.82	4.87	1.19
River 1	Reach 1	4	Max WS	UF_Tr200_6h	0.50	324.95	326.16		326.16	0.000107	0.20	0.02	0.02	2.54	4.44	0.08
River 1	Reach 1	3	Max WS	UF_Tr200_1h	0.52	324.20	326.05		326.05	0.000002	0.05	0.02	0.02	15.11	12.00	0.01
River 1	Reach 1	3	Max WS	UF_Tr200_2h	0.29	324.20	326.12		326.12	0.000000	0.02	0.01	0.01	15.86	12.00	0.01
River 1	Reach 1	3	Max WS	UF_Tr200_3h	0.29	324.20	326.12		326.12	0.000000	0.02	0.01	0.01	15.86	12.00	0.01
River 1	Reach 1	3	Max WS	UF_Tr200_6h	0.28	324.20	326.16		326.16	0.000000	0.02	0.01	0.01	16.42	12.00	0.01
River 1	Reach 1	2	Max WS	UF_Tr200_1h	-0.98	323.71	326.05		326.05	0.000003	-0.07	-0.03	-0.03	20.70	11.77	0.02
River 1	Reach 1	2	Max WS	UF_Tr200_2h	-1.20	323.71	326.11		326.11	0.000004	-0.09	-0.04	-0.04	21.43	11.77	0.02
River 1	Reach 1	2	Max WS	UF_Tr200_3h	-1.19	323.71	326.11		326.11	0.000004	-0.09	-0.04	-0.04	21.43	11.77	0.02
River 1	Reach 1	2	Max WS	UF_Tr200_6h	-0.96	323.71	326.16		326.16	0.000002	-0.07	-0.03	-0.03	21.97	11.77	0.01
River 1	Reach 1	1	Max WS	UF_Tr200_1h	-0.99	322.81	326.05		326.05	0.000001	-0.04	-0.01	-0.01	29.03	14.51	0.01
River 1	Reach 1	1	Max WS	UF_Tr200_2h	-1.20	322.81	326.11		326.11	0.000001	-0.04	-0.01	-0.01	29.93	14.51	0.01
River 1	Reach 1	1	Max WS	UF_Tr200_3h	-1.20	322.81	326.11		326.11	0.000001	-0.04	-0.01	-0.01	29.93	14.51	0.01
River 1	Reach 1	1	Max WS	UF_Tr200_6h	-0.96	322.81	326.16		326.16	0.000001	-0.03	-0.01	-0.01	30.60	14.51	0.01

ALLEGATI

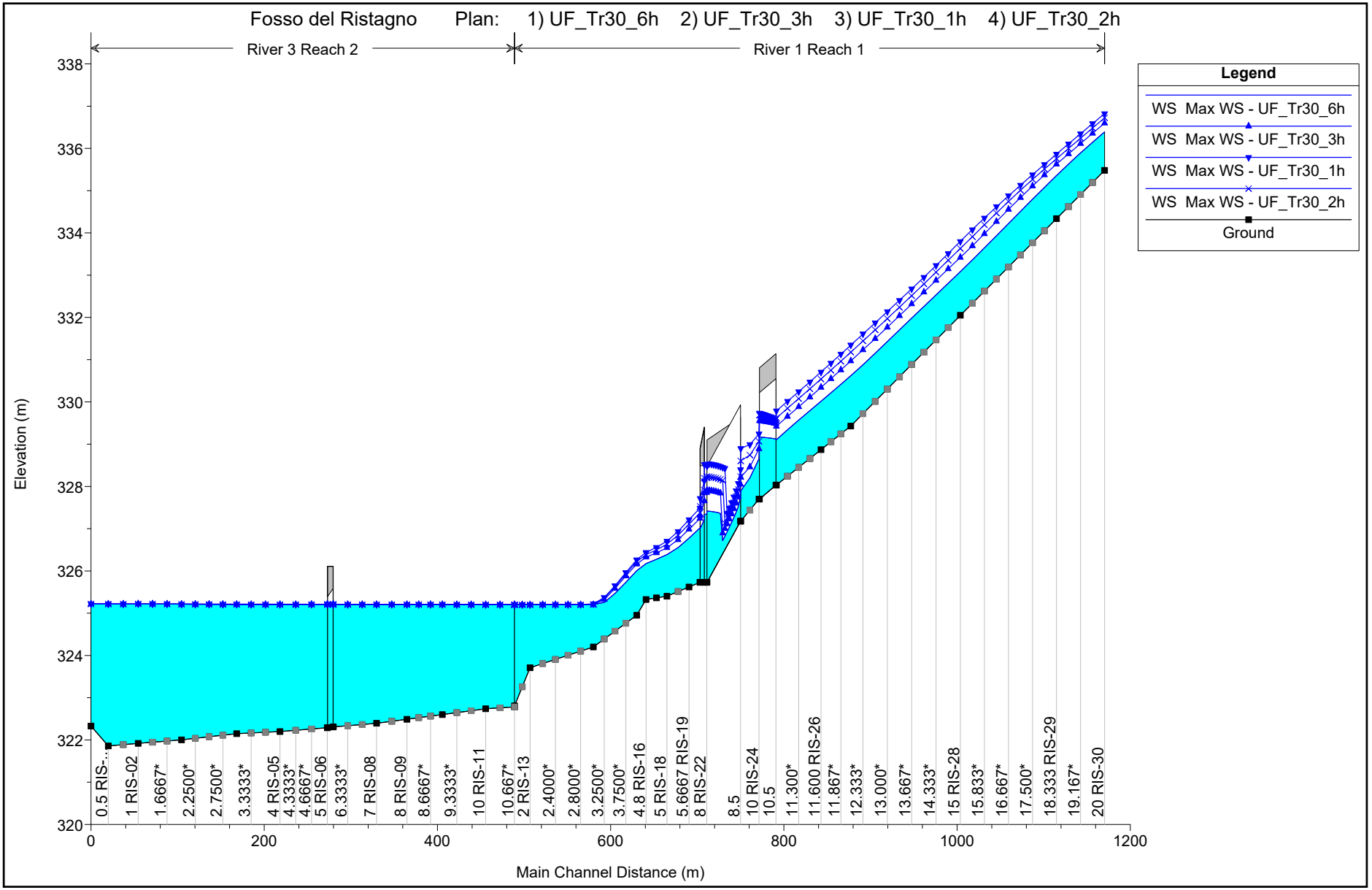
MODELLAZIONE HEC-RAS 5.0.7 "FOSSO DEL RISTAGNO"

FOSSO DEL RISTAGNO

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 1, 2, 3 e 6 h

Profilo longitudinale


Fosso del Ristagno Plan: 1) UF_Tr30_6h 2) UF_Tr30_3h 3) UF_Tr30_1h 4) UF_Tr30_2h
River 3 Reach 2
River 1 Reach 1
Legend
WS Max WS - UF_Tr30_6h
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_2h
Ground
Elevation (m)
Main Channel Distance (m)
338
336
334
332
330
328
326
324
322
320
0
200
400
600
800
1000
1200
0.5 RIS-...
1 RIS-02
1.6667*
2.2500*
2.7500*
3.3333*
4 RIS-05
4.3333*
4.6667*
5 RIS-06
6.3333*
7 RIS-08
8 RIS-09
8.6667*
9.3333*
10 RIS-11
10.667*
2 RIS-13
2.4000*
2.8000*
3.2500*
3.7500*
4.8 RIS-16
5 RIS-18
5.6667 RIS-19
8 RIS-22
8.5
10 RIS-24
10.5
11.300*
11.600 RIS-26
11.867*
12.333*
13.000*
13.667*
14.333*
15 RIS-28
15.833*
16.667*
17.500*
18.333 RIS-29
19.167*
20 RIS-30

ALLEGATI

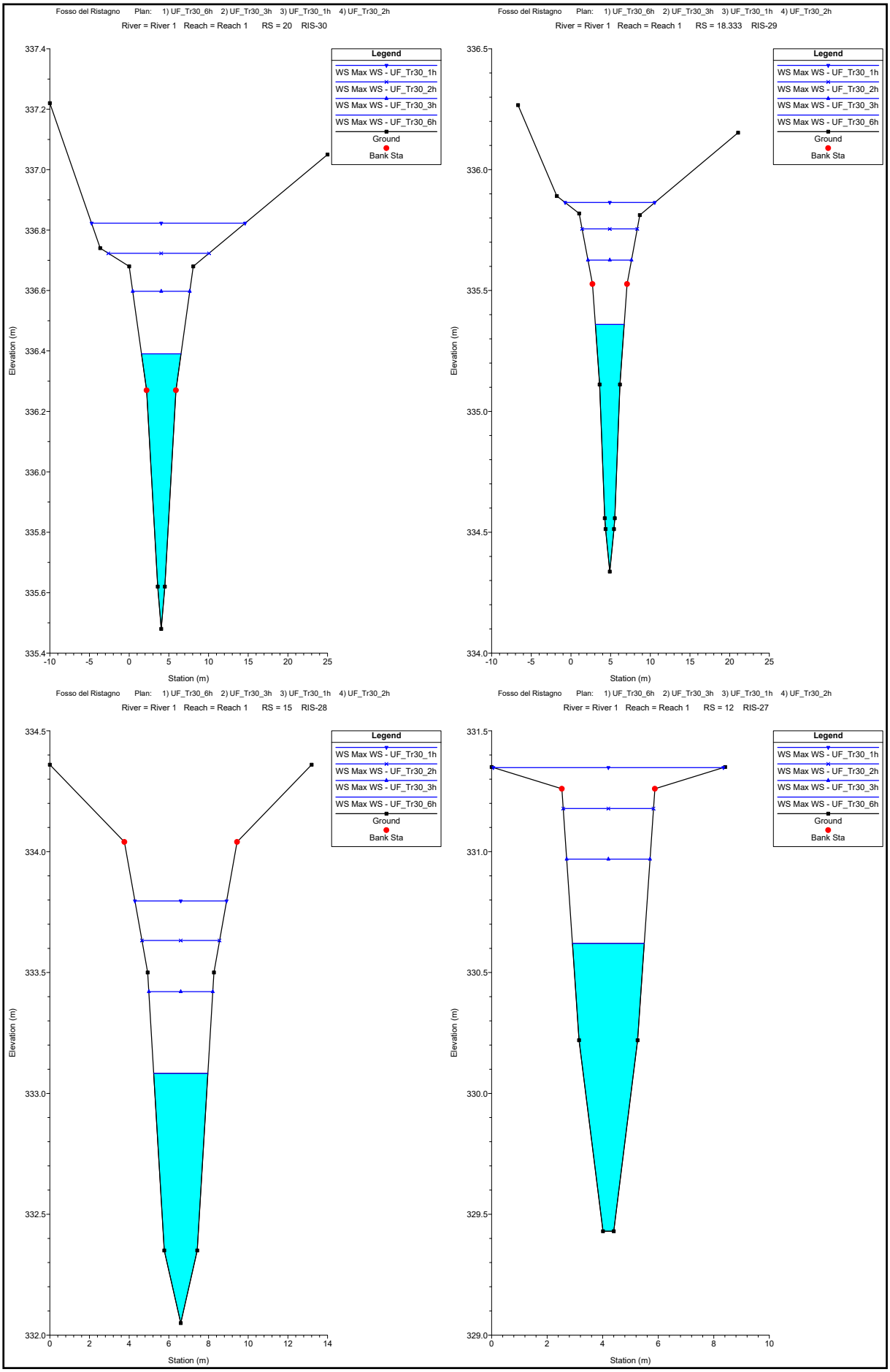
MODELLAZIONE HEC-RAS 5.0.7 "FOSSO DEL RISTAGNO"

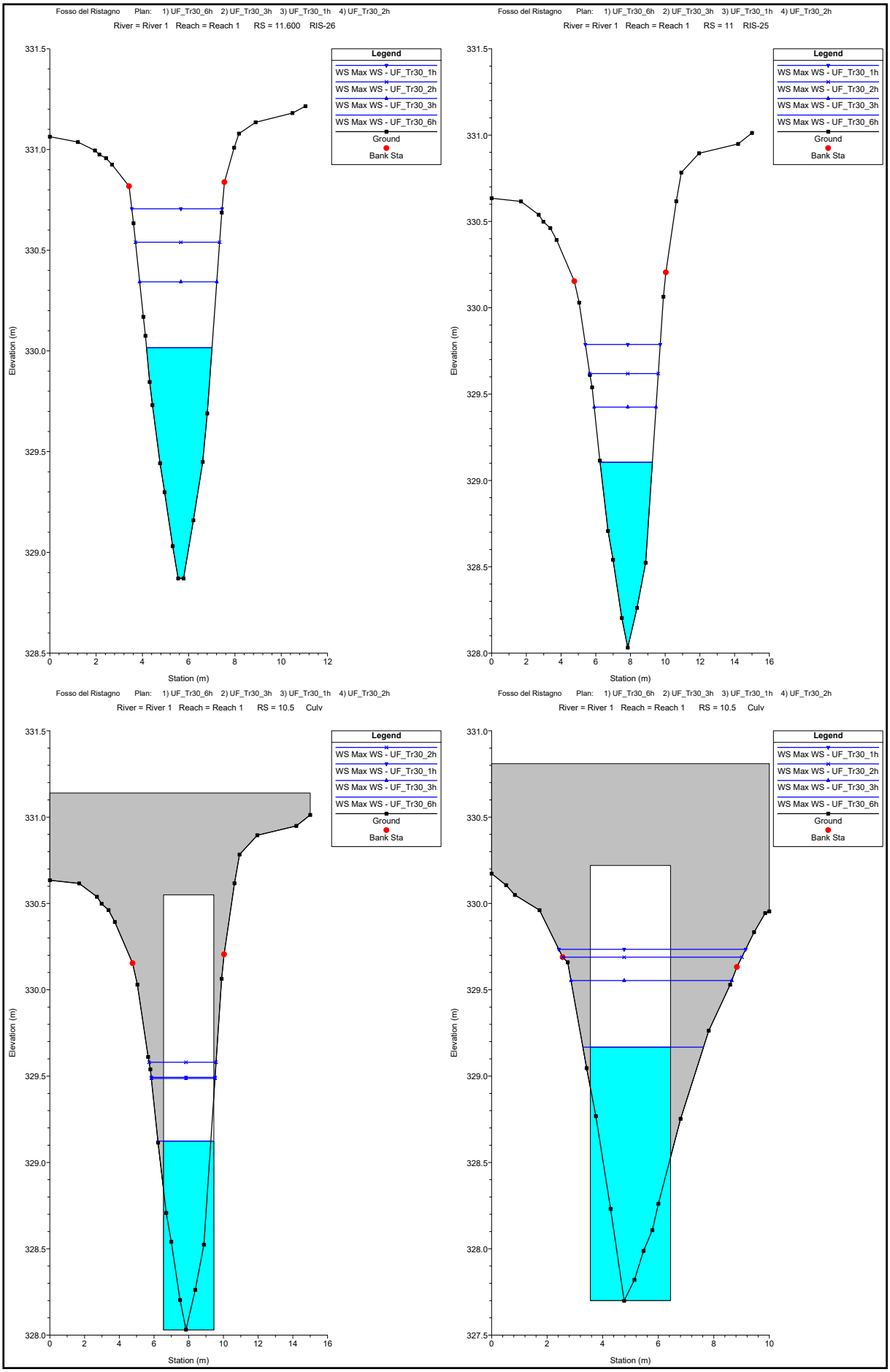
FOSSO DEL RISTAGNO

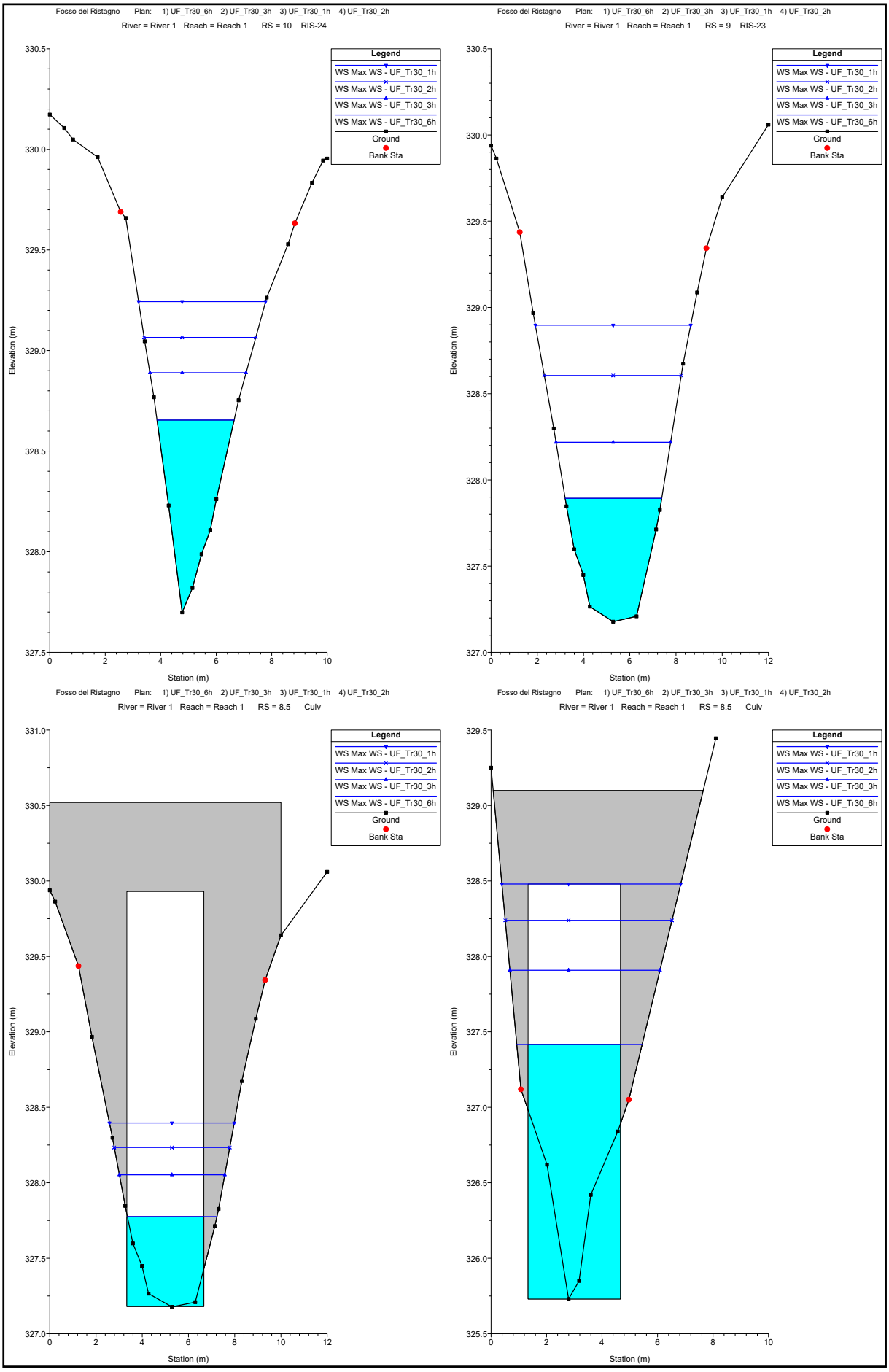
MODELLAZIONE PER TR= 30 anni

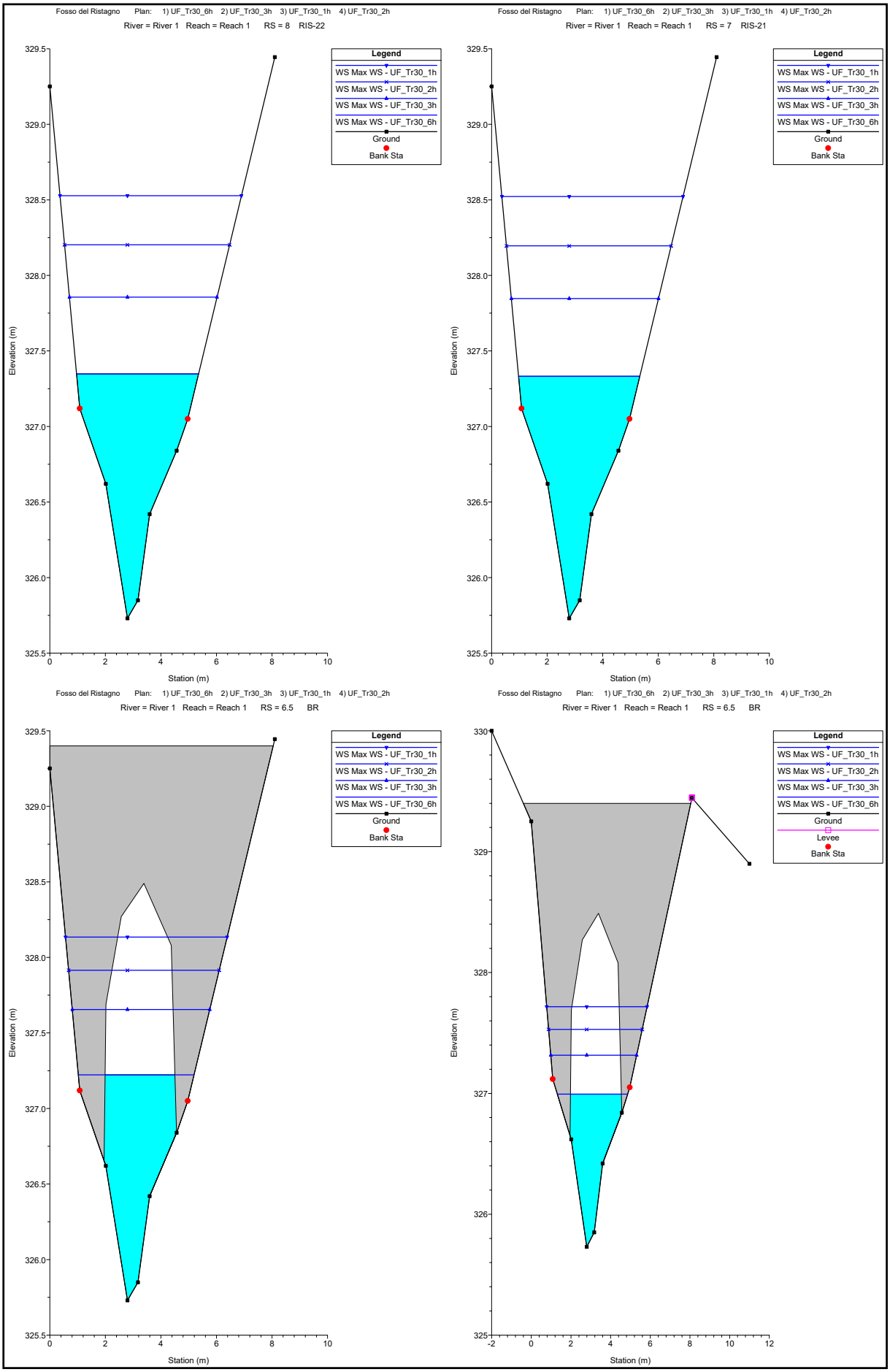
DURATE DI PIOGGIA: 1, 2, 3 e 6 h

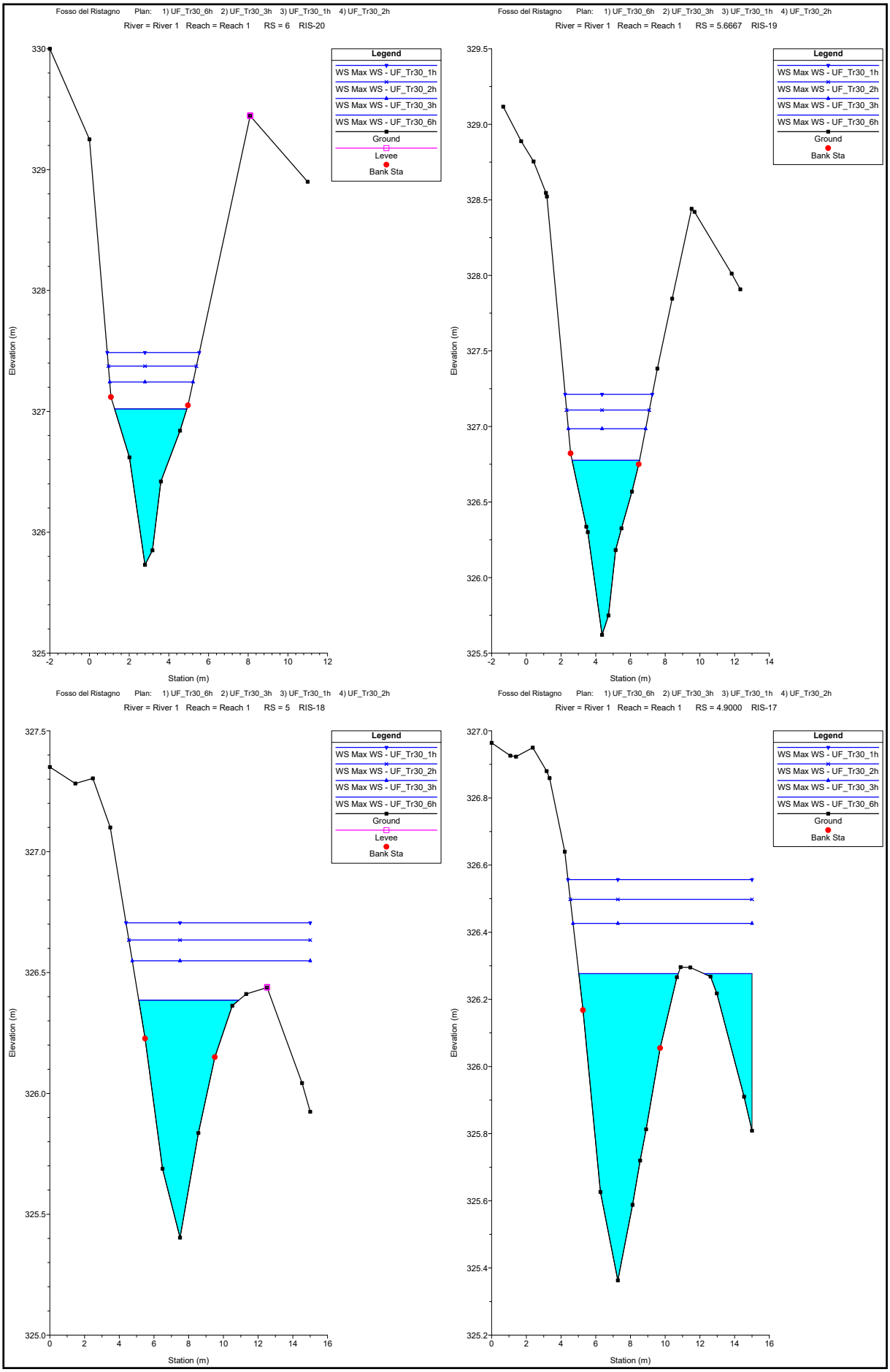
Sezioni Trasversali (da monte verso valle)

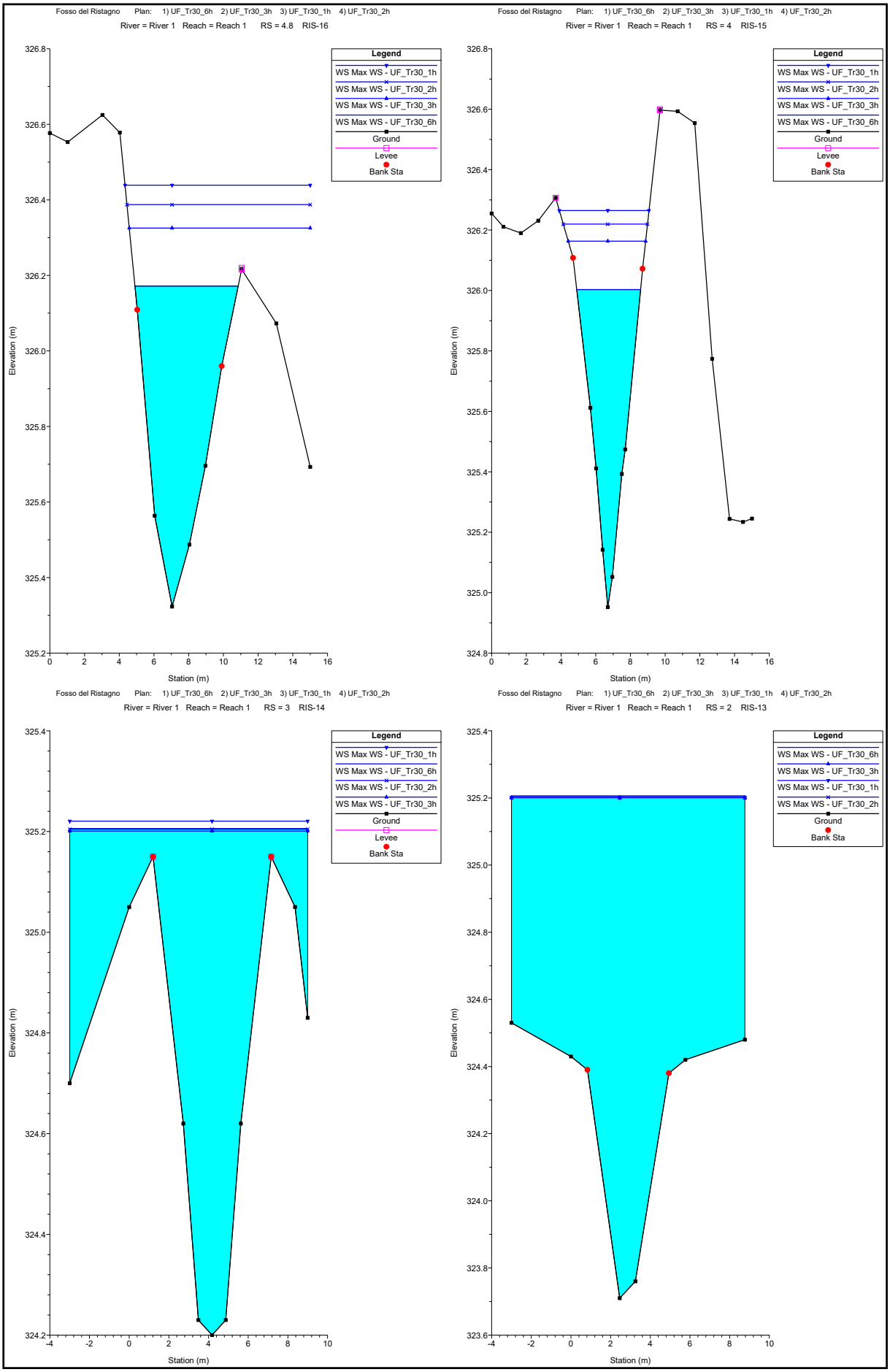

Fosso del Ristagno Plan: 1) UF_Tr30_6h 2) UF_Tr30_3h 3) UF_Tr30_1h 4) UF_Tr30_2h
River = River 1 Reach = Reach 1 RS = 20 RIS-30
Legend
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_6h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Ristagno Plan: 1) UF_Tr30_6h 2) UF_Tr30_3h 3) UF_Tr30_1h 4) UF_Tr30_2h
River = River 1 Reach = Reach 1 RS = 18.333 RIS-29
Legend
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_6h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Ristagno Plan: 1) UF_Tr30_6h 2) UF_Tr30_3h 3) UF_Tr30_1h 4) UF_Tr30_2h
River = River 1 Reach = Reach 1 RS = 15 RIS-28
Legend
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_6h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Ristagno Plan: 1) UF_Tr30_6h 2) UF_Tr30_3h 3) UF_Tr30_1h 4) UF_Tr30_2h
River = River 1 Reach = Reach 1 RS = 12 RIS-27
Legend
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_6h
Ground
Bank Sta
Elevation (m)
Station (m)

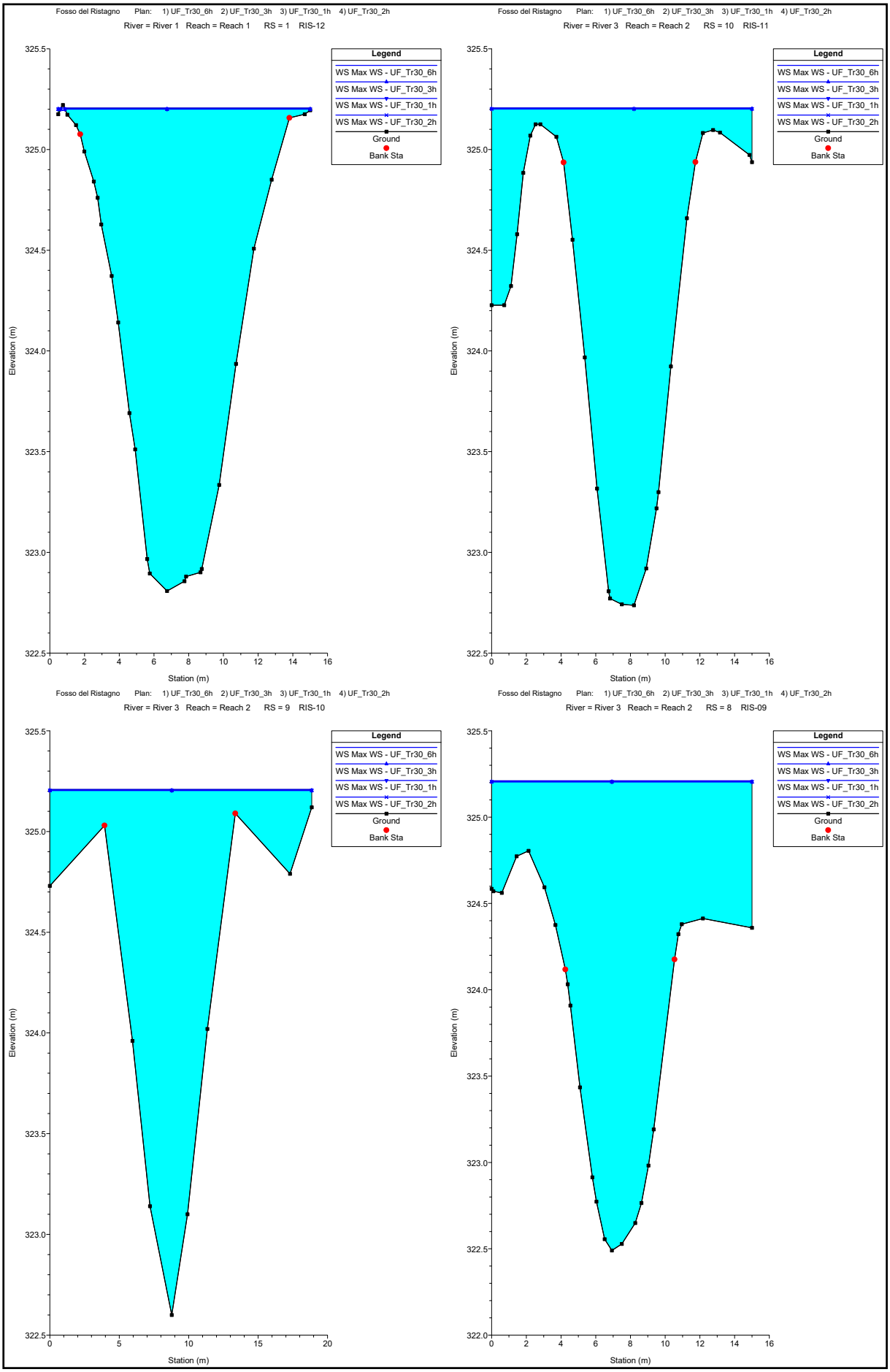

Fosso del Ristagno Plan: 1) UF_Tr30_6h 2) UF_Tr30_3h 3) UF_Tr30_1h 4) UF_Tr30_2h
River = River 1 Reach = Reach 1 RS = 11.600 RIS-26
Legend
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_6h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Ristagno Plan: 1) UF_Tr30_6h 2) UF_Tr30_3h 3) UF_Tr30_1h 4) UF_Tr30_2h
River = River 1 Reach = Reach 1 RS = 11 RIS-25
Legend
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_6h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Ristagno Plan: 1) UF_Tr30_6h 2) UF_Tr30_3h 3) UF_Tr30_1h 4) UF_Tr30_2h
River = River 1 Reach = Reach 1 RS = 10.5 Culv
Legend
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_6h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Ristagno Plan: 1) UF_Tr30_6h 2) UF_Tr30_3h 3) UF_Tr30_1h 4) UF_Tr30_2h
River = River 1 Reach = Reach 1 RS = 10.5 Culv
Legend
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_6h
Ground
Bank Sta
Elevation (m)
Station (m)

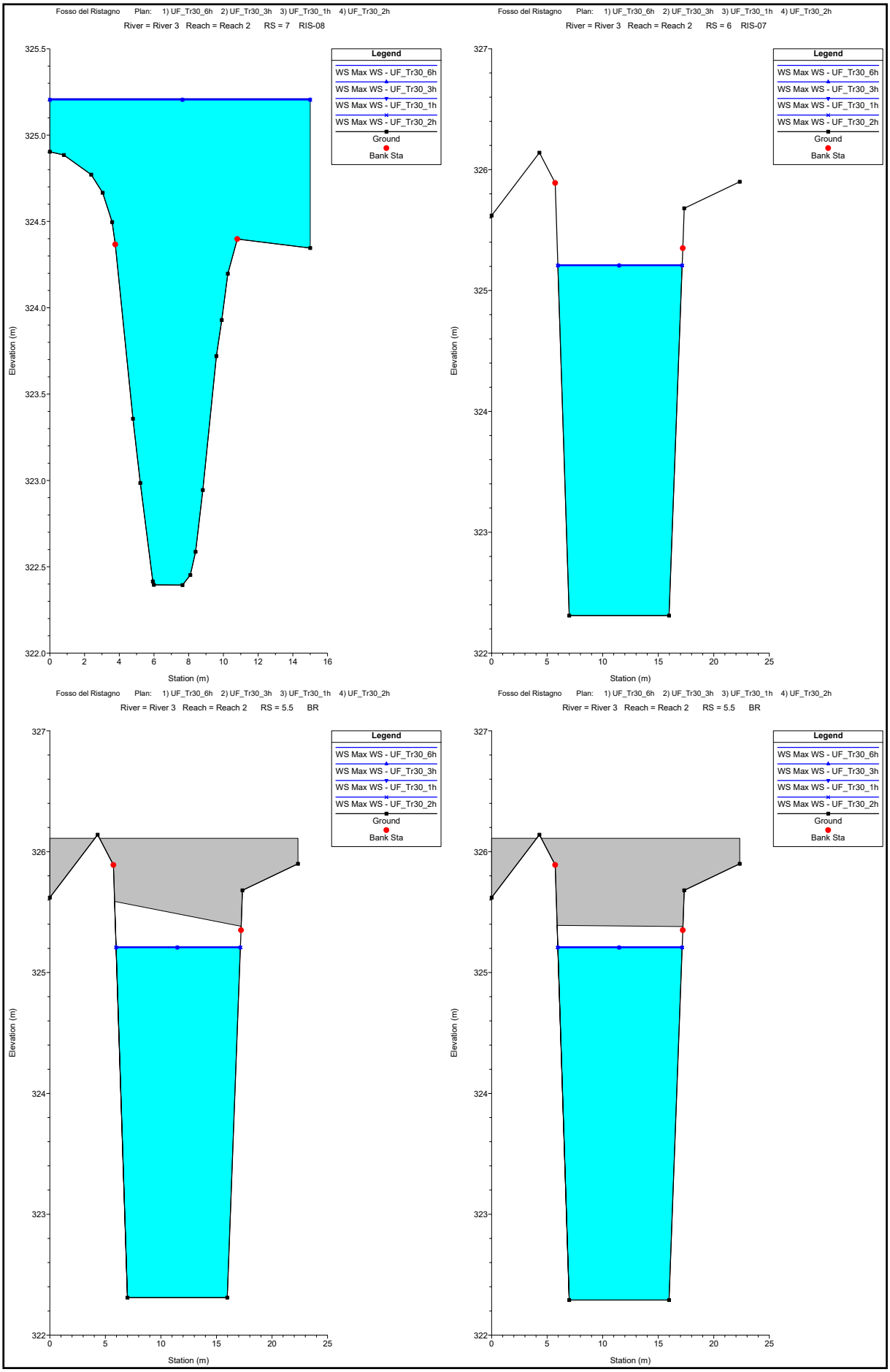

Fosso del Ristagno Plan: 1) UF_Tr30_6h 2) UF_Tr30_3h 3) UF_Tr30_1h 4) UF_Tr30_2h
River = River 1 Reach = Reach 1 RS = 10 RIS-24
Legend
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_6h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Ristagno Plan: 1) UF_Tr30_6h 2) UF_Tr30_3h 3) UF_Tr30_1h 4) UF_Tr30_2h
River = River 1 Reach = Reach 1 RS = 9 RIS-23
Legend
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_6h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Ristagno Plan: 1) UF_Tr30_6h 2) UF_Tr30_3h 3) UF_Tr30_1h 4) UF_Tr30_2h
River = River 1 Reach = Reach 1 RS = 8.5 Culv
Legend
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_6h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Ristagno Plan: 1) UF_Tr30_6h 2) UF_Tr30_3h 3) UF_Tr30_1h 4) UF_Tr30_2h
River = River 1 Reach = Reach 1 RS = 8.5 Culv
Legend
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_6h
Ground
Bank Sta
Elevation (m)
Station (m)

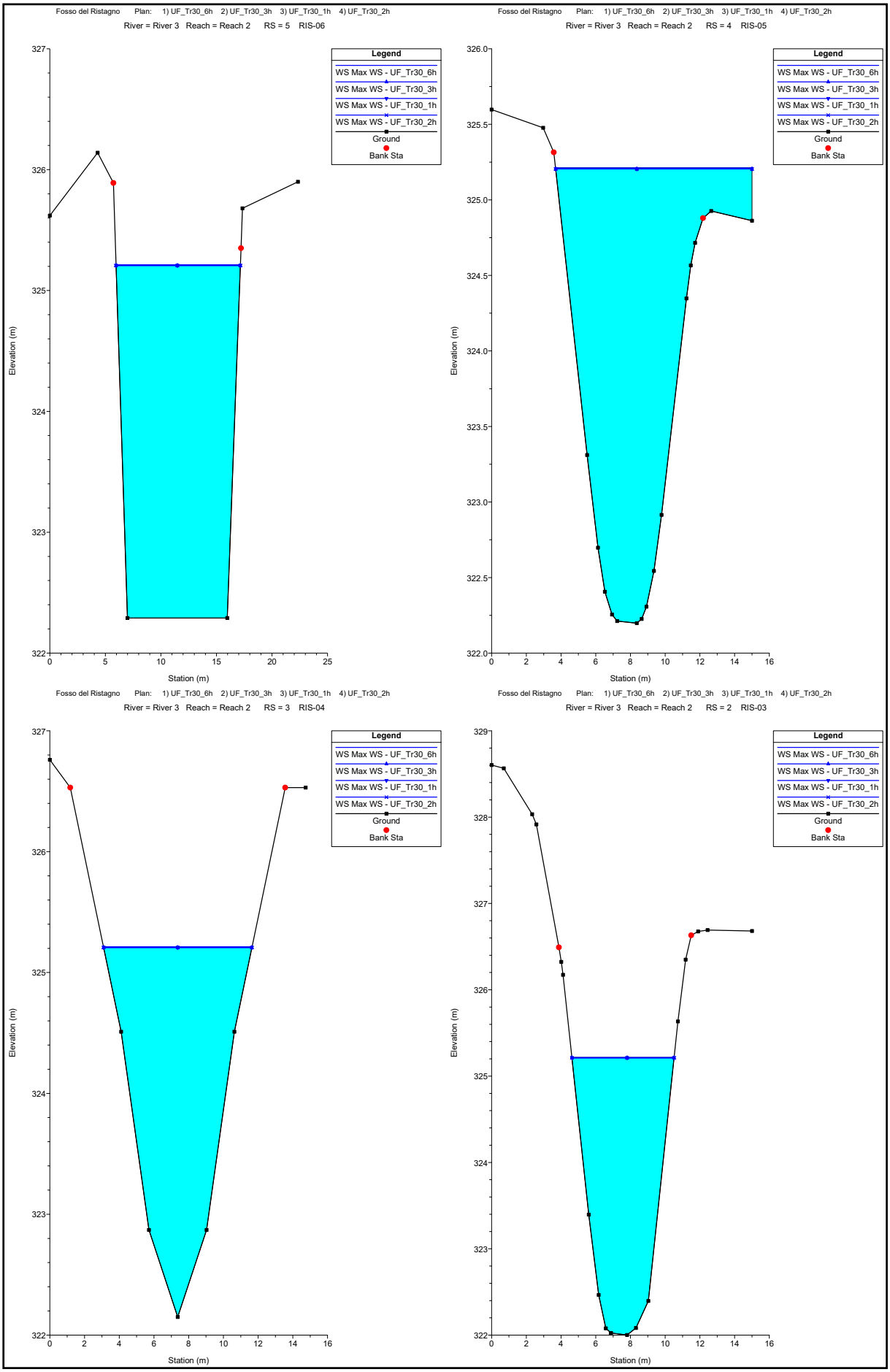

Fosso del Ristagno Plan: 1) UF_Tr30_6h 2) UF_Tr30_3h 3) UF_Tr30_1h 4) UF_Tr30_2h
River = River 1 Reach = Reach 1 RS = 8 RIS-22
Fosso del Ristagno Plan: 1) UF_Tr30_6h 2) UF_Tr30_3h 3) UF_Tr30_1h 4) UF_Tr30_2h
River = River 1 Reach = Reach 1 RS = 7 RIS-21
Fosso del Ristagno Plan: 1) UF_Tr30_6h 2) UF_Tr30_3h 3) UF_Tr30_1h 4) UF_Tr30_2h
River = River 1 Reach = Reach 1 RS = 6.5 BR
Fosso del Ristagno Plan: 1) UF_Tr30_6h 2) UF_Tr30_3h 3) UF_Tr30_1h 4) UF_Tr30_2h
River = River 1 Reach = Reach 1 RS = 6.5 BR
Legend
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_6h
Ground
Levee
Bank Sta
Elevation (m)
Station (m)

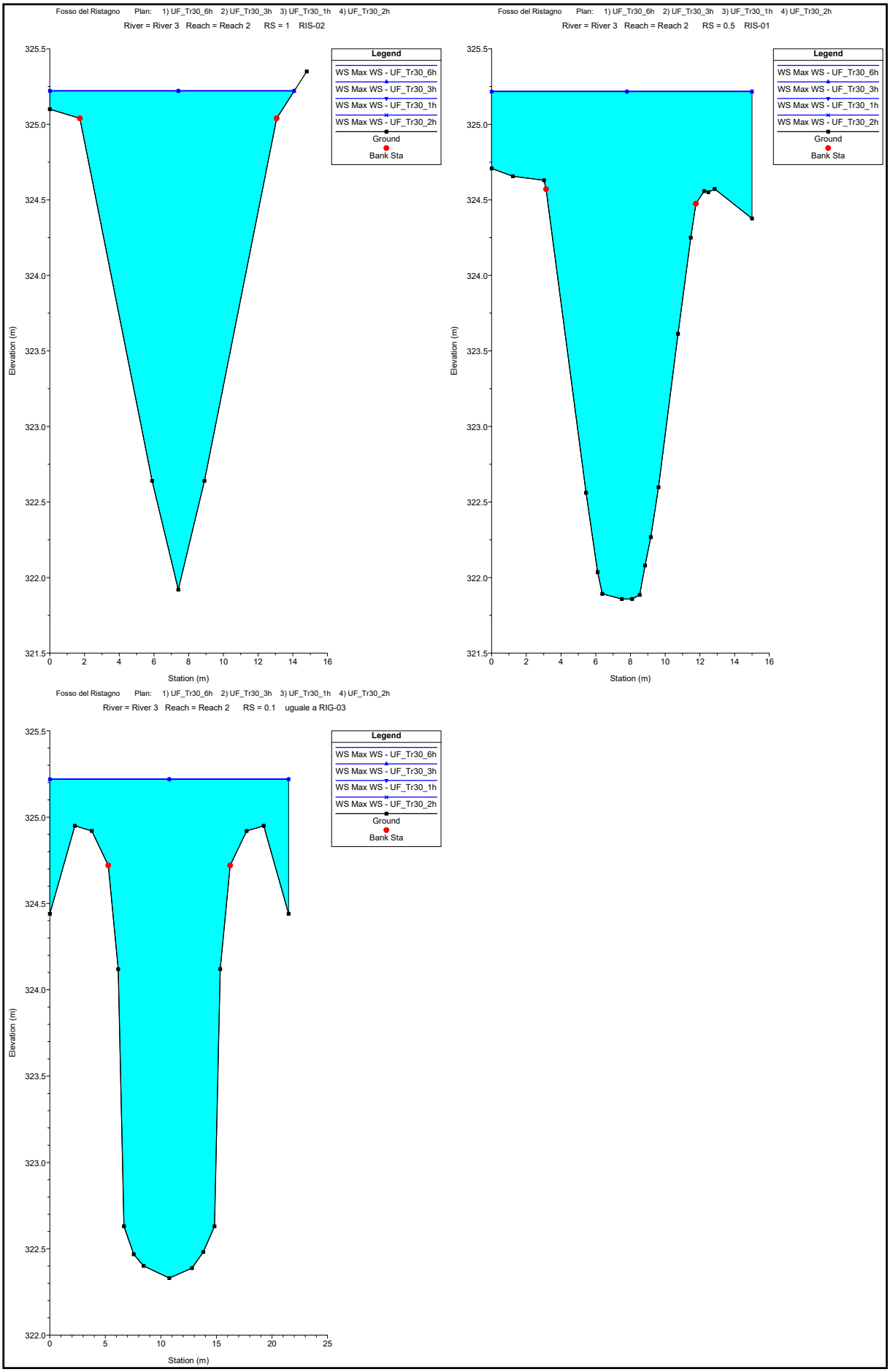

Fosso del Ristagno Plan: 1) UF_Tr30_6h 2) UF_Tr30_3h 3) UF_Tr30_1h 4) UF_Tr30_2h
River = River 1 Reach = Reach 1 RS = 6 RIS-20
Legend
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_6h
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Fosso del Ristagno Plan: 1) UF_Tr30_6h 2) UF_Tr30_3h 3) UF_Tr30_1h 4) UF_Tr30_2h
River = River 1 Reach = Reach 1 RS = 5.6667 RIS-19
Legend
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_6h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Ristagno Plan: 1) UF_Tr30_6h 2) UF_Tr30_3h 3) UF_Tr30_1h 4) UF_Tr30_2h
River = River 1 Reach = Reach 1 RS = 5 RIS-18
Legend
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_6h
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Fosso del Ristagno Plan: 1) UF_Tr30_6h 2) UF_Tr30_3h 3) UF_Tr30_1h 4) UF_Tr30_2h
River = River 1 Reach = Reach 1 RS = 4.9000 RIS-17
Legend
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_6h
Ground
Bank Sta
Elevation (m)
Station (m)


Fosso del Ristagno Plan: 1) UF_Tr30_6h 2) UF_Tr30_3h 3) UF_Tr30_1h 4) UF_Tr30_2h
River = River 1 Reach = Reach 1 RS = 4.8 RIS-16
Legend
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_6h
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Fosso del Ristagno Plan: 1) UF_Tr30_6h 2) UF_Tr30_3h 3) UF_Tr30_1h 4) UF_Tr30_2h
River = River 1 Reach = Reach 1 RS = 4 RIS-15
Legend
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_6h
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Fosso del Ristagno Plan: 1) UF_Tr30_6h 2) UF_Tr30_3h 3) UF_Tr30_1h 4) UF_Tr30_2h
River = River 1 Reach = Reach 1 RS = 3 RIS-14
Legend
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_6h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_3h
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Fosso del Ristagno Plan: 1) UF_Tr30_6h 2) UF_Tr30_3h 3) UF_Tr30_1h 4) UF_Tr30_2h
River = River 1 Reach = Reach 1 RS = 2 RIS-13
Legend
WS Max WS - UF_Tr30_6h
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_2h
Ground
Bank Sta
Elevation (m)
Station (m)


Fosso del Ristagno Plan: 1) UF_Tr30_6h 2) UF_Tr30_3h 3) UF_Tr30_1h 4) UF_Tr30_2h
River = River 1 Reach = Reach 1 RS = 1 RIS-12
Fosso del Ristagno Plan: 1) UF_Tr30_6h 2) UF_Tr30_3h 3) UF_Tr30_1h 4) UF_Tr30_2h
River = River 3 Reach = Reach 2 RS = 10 RIS-11
Fosso del Ristagno Plan: 1) UF_Tr30_6h 2) UF_Tr30_3h 3) UF_Tr30_1h 4) UF_Tr30_2h
River = River 3 Reach = Reach 2 RS = 9 RIS-10
Fosso del Ristagno Plan: 1) UF_Tr30_6h 2) UF_Tr30_3h 3) UF_Tr30_1h 4) UF_Tr30_2h
River = River 3 Reach = Reach 2 RS = 8 RIS-09
Legend
WS Max WS - UF_Tr30_6h
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_2h
Ground
Bank Sta
Elevation (m)
Station (m)


Fosso del Ristagno Plan: 1) UF_Tr30_6h 2) UF_Tr30_3h 3) UF_Tr30_1h 4) UF_Tr30_2h
River = River 3 Reach = Reach 2 RS = 7 RIS-08
Legend
WS Max WS - UF_Tr30_6h
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_2h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Ristagno Plan: 1) UF_Tr30_6h 2) UF_Tr30_3h 3) UF_Tr30_1h 4) UF_Tr30_2h
River = River 3 Reach = Reach 2 RS = 6 RIS-07
Legend
WS Max WS - UF_Tr30_6h
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_2h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Ristagno Plan: 1) UF_Tr30_6h 2) UF_Tr30_3h 3) UF_Tr30_1h 4) UF_Tr30_2h
River = River 3 Reach = Reach 2 RS = 5.5 BR
Legend
WS Max WS - UF_Tr30_6h
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_2h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Ristagno Plan: 1) UF_Tr30_6h 2) UF_Tr30_3h 3) UF_Tr30_1h 4) UF_Tr30_2h
River = River 3 Reach = Reach 2 RS = 5.5 BR
Legend
WS Max WS - UF_Tr30_6h
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_2h
Ground
Bank Sta
Elevation (m)
Station (m)


Fosso del Ristagno Plan: 1) UF_Tr30_6h 2) UF_Tr30_3h 3) UF_Tr30_1h 4) UF_Tr30_2h
River = River 3 Reach = Reach 2 RS = 5 RIS-06
Legend
WS Max WS - UF_Tr30_6h
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_2h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Ristagno Plan: 1) UF_Tr30_6h 2) UF_Tr30_3h 3) UF_Tr30_1h 4) UF_Tr30_2h
River = River 3 Reach = Reach 2 RS = 4 RIS-05
Legend
WS Max WS - UF_Tr30_6h
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_2h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Ristagno Plan: 1) UF_Tr30_6h 2) UF_Tr30_3h 3) UF_Tr30_1h 4) UF_Tr30_2h
River = River 3 Reach = Reach 2 RS = 3 RIS-04
Legend
WS Max WS - UF_Tr30_6h
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_2h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Ristagno Plan: 1) UF_Tr30_6h 2) UF_Tr30_3h 3) UF_Tr30_1h 4) UF_Tr30_2h
River = River 3 Reach = Reach 2 RS = 2 RIS-03
Legend
WS Max WS - UF_Tr30_6h
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_2h
Ground
Bank Sta
Elevation (m)
Station (m)


Fosso del Ristagno Plan: 1) UF_Tr30_6h 2) UF_Tr30_3h 3) UF_Tr30_1h 4) UF_Tr30_2h
River = River 3 Reach = Reach 2 RS = 1 RIS-02
Legend
WS Max WS - UF_Tr30_6h
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_2h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Ristagno Plan: 1) UF_Tr30_6h 2) UF_Tr30_3h 3) UF_Tr30_1h 4) UF_Tr30_2h
River = River 3 Reach = Reach 2 RS = 0.5 RIS-01
Legend
WS Max WS - UF_Tr30_6h
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_2h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Ristagno Plan: 1) UF_Tr30_6h 2) UF_Tr30_3h 3) UF_Tr30_1h 4) UF_Tr30_2h
River = River 3 Reach = Reach 2 RS = 0.1 uguale a RIG-03
Legend
WS Max WS - UF_Tr30_6h
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_2h
Ground
Bank Sta
Elevation (m)
Station (m)

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "FOSSO DEL RISTAGNO"

FOSSO DEL RISTAGNO

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 1, 2, 3 e 6 h

Dati idraulici

HEC-RAS Profile: Max WS

River	Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
					(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
River 3	Reach 2	10.31			Lat Struct											
River 3	Reach 2	10.3			Lat Struct											
River 3	Reach 2	10	Max WS	UF_Tr30_6h	-2.97	322.74	325.21		325.21	0.000043	-0.23	-0.05	-0.03	14.77	15.00	0.06
River 3	Reach 2	10	Max WS	UF_Tr30_3h	-3.29	322.74	325.20		325.21	0.000053	-0.26	-0.06	-0.03	14.70	15.00	0.06
River 3	Reach 2	10	Max WS	UF_Tr30_1h	-3.29	322.74	325.20		325.21	0.000053	-0.26	-0.06	-0.03	14.70	15.00	0.06
River 3	Reach 2	10	Max WS	UF_Tr30_2h	-3.29	322.74	325.20		325.21	0.000053	-0.26	-0.06	-0.03	14.70	15.00	0.06
River 3	Reach 2	9	Max WS	UF_Tr30_6h	-3.10	322.60	325.21		325.21	0.000043	-0.22	-0.05	-0.04	16.31	18.86	0.06
River 3	Reach 2	9	Max WS	UF_Tr30_3h	-3.49	322.60	325.20		325.21	0.000055	-0.25	-0.05	-0.05	16.22	18.86	0.07
River 3	Reach 2	9	Max WS	UF_Tr30_1h	-3.48	322.60	325.20		325.21	0.000055	-0.25	-0.05	-0.05	16.22	18.86	0.07
River 3	Reach 2	9	Max WS	UF_Tr30_2h	-3.48	322.60	325.20		325.21	0.000055	-0.25	-0.05	-0.05	16.22	18.86	0.07
River 3	Reach 2	8	Max WS	UF_Tr30_6h	-3.37	322.49	325.21		325.21	0.000027	-0.22	-0.06	-0.07	19.72	15.00	0.05
River 3	Reach 2	8	Max WS	UF_Tr30_3h	-3.80	322.49	325.20		325.21	0.000034	-0.25	-0.06	-0.08	19.64	15.00	0.05
River 3	Reach 2	8	Max WS	UF_Tr30_1h	-3.86	322.49	325.20		325.21	0.000036	-0.26	-0.06	-0.08	19.64	15.00	0.06
River 3	Reach 2	8	Max WS	UF_Tr30_2h	-3.78	322.49	325.20		325.21	0.000034	-0.25	-0.06	-0.08	19.64	15.00	0.05
River 3	Reach 2	7	Max WS	UF_Tr30_6h	-3.72	322.39	325.21		325.21	0.000031	-0.23	-0.05	-0.07	19.94	15.00	0.05
River 3	Reach 2	7	Max WS	UF_Tr30_3h	-4.16	322.39	325.20		325.21	0.000039	-0.26	-0.06	-0.08	19.86	15.00	0.06
River 3	Reach 2	7	Max WS	UF_Tr30_1h	-4.27	322.39	325.20		325.21	0.000041	-0.26	-0.06	-0.08	19.86	15.00	0.06
River 3	Reach 2	7	Max WS	UF_Tr30_2h	-4.27	322.39	325.20		325.21	0.000041	-0.26	-0.06	-0.08	19.86	15.00	0.06
River 3	Reach 2	6	Max WS	UF_Tr30_6h	-4.00	322.31	325.21		325.21	0.000010	-0.14			29.28	11.19	0.03
River 3	Reach 2	6	Max WS	UF_Tr30_3h	-4.69	322.31	325.21		325.21	0.000013	-0.16			29.22	11.19	0.03
River 3	Reach 2	6	Max WS	UF_Tr30_1h	-4.68	322.31	325.21		325.21	0.000013	-0.16			29.22	11.19	0.03
River 3	Reach 2	6	Max WS	UF_Tr30_2h	-4.68	322.31	325.21		325.21	0.000013	-0.16			29.22	11.19	0.03
River 3	Reach 2	5.5			Bridge											
River 3	Reach 2	5	Max WS	UF_Tr30_6h	-4.00	322.29	325.21		325.21	0.000009	-0.14			29.49	11.20	0.03
River 3	Reach 2	5	Max WS	UF_Tr30_3h	-4.73	322.29	325.21		325.21	0.000013	-0.16			29.43	11.19	0.03
River 3	Reach 2	5	Max WS	UF_Tr30_1h	-4.72	322.29	325.21		325.21	0.000013	-0.16			29.43	11.19	0.03
River 3	Reach 2	5	Max WS	UF_Tr30_2h	-4.73	322.29	325.21		325.21	0.000013	-0.16			29.43	11.19	0.03
River 3	Reach 2	4	Max WS	UF_Tr30_6h	-4.12	322.20	325.21		325.21	0.000043	-0.25		-0.05	17.26	11.32	0.06
River 3	Reach 2	4	Max WS	UF_Tr30_3h	-4.87	322.20	325.21		325.21	0.000061	-0.30		-0.05	17.19	11.31	0.07
River 3	Reach 2	4	Max WS	UF_Tr30_1h	-4.86	322.20	325.21		325.21	0.000060	-0.29		-0.05	17.19	11.31	0.07
River 3	Reach 2	4	Max WS	UF_Tr30_2h	-4.85	322.20	325.21		325.21	0.000060	-0.29		-0.05	17.19	11.31	0.07
River 3	Reach 2	3.99			Lat Struct											
River 3	Reach 2	3.98			Lat Struct											
River 3	Reach 2	3	Max WS	UF_Tr30_6h	-4.19	322.15	325.21		325.22	0.000067	-0.29			14.56	8.56	0.07
River 3	Reach 2	3	Max WS	UF_Tr30_3h	-5.40	322.15	325.21		325.21	0.000112	-0.37			14.51	8.54	0.09
River 3	Reach 2	3	Max WS	UF_Tr30_1h	-5.40	322.15	325.21		325.21	0.000112	-0.37			14.51	8.54	0.09
River 3	Reach 2	3	Max WS	UF_Tr30_2h	-5.40	322.15	325.21		325.21	0.000112	-0.37			14.51	8.54	0.09
River 3	Reach 2	2	Max WS	UF_Tr30_6h	-4.17	322.00	325.22		325.22	0.000079	-0.32			13.17	5.89	0.07
River 3	Reach 2	2	Max WS	UF_Tr30_3h	-5.41	322.00	325.21		325.22	0.000133	-0.41			13.14	5.89	0.09
River 3	Reach 2	2	Max WS	UF_Tr30_1h	-5.41	322.00	325.21		325.22	0.000133	-0.41			13.14	5.89	0.09
River 3	Reach 2	2	Max WS	UF_Tr30_2h	-5.41	322.00	325.21		325.22	0.000133	-0.41			13.14	5.89	0.09
River 3	Reach 2	1	Max WS	UF_Tr30_6h	-4.26	321.92	325.22		325.22	0.000029	-0.21	-0.02	-0.02	20.73	14.08	0.05
River 3	Reach 2	1	Max WS	UF_Tr30_3h	-5.42	321.92	325.22		325.22	0.000047	-0.27	-0.03	-0.02	20.73	14.08	0.06
River 3	Reach 2	1	Max WS	UF_Tr30_1h	-5.42	321.92	325.22		325.22	0.000047	-0.27	-0.03	-0.02	20.73	14.08	0.06
River 3	Reach 2	1	Max WS	UF_Tr30_2h	-5.42	321.92	325.22		325.22	0.000047	-0.27	-0.03	-0.02	20.73	14.08	0.06
River 3	Reach 2	0.5	Max WS	UF_Tr30_6h	-6.63	321.86	325.22		325.22	0.000047	-0.31	-0.07	-0.08	24.76	15.00	0.06
River 3	Reach 2	0.5	Max WS	UF_Tr30_3h	-7.88	321.86	325.22		325.22	0.000066	-0.36	-0.08	-0.09	24.75	15.00	0.08
River 3	Reach 2	0.5	Max WS	UF_Tr30_1h	-7.88	321.86	325.22		325.22	0.000066	-0.36	-0.08	-0.09	24.75	15.00	0.08
River 3	Reach 2	0.5	Max WS	UF_Tr30_2h	-7.88	321.86	325.22		325.22	0.000066	-0.36	-0.08	-0.09	24.75	15.00	0.08
River 3	Reach 2	0.1	Max WS	UF_Tr30_6h	-6.82	322.33	325.22	322.84	325.22	0.000032	-0.25	-0.05	-0.05	30.56	21.50	0.05
River 3	Reach 2	0.1	Max WS	UF_Tr30_3h	-7.88	322.33	325.22	322.88	325.22	0.000043	-0.29	-0.06	-0.06	30.56	21.50	0.06
River 3	Reach 2	0.1	Max WS	UF_Tr30_1h	-7.88	322.33	325.22	322.88	325.22	0.000043	-0.29	-0.06	-0.06	30.56	21.50	0.06
River 3	Reach 2	0.1	Max WS	UF_Tr30_2h	-7.88	322.33	325.22	322.88	325.22	0.000043	-0.29	-0.06	-0.06	30.56	21.50	0.06
River 1	Reach 1	20	Max WS	UF_Tr30_6h	4.80	335.48	336.39	336.42	336.68	0.017616	2.38	0.34	0.34	2.08	4.99	1.03
River 1	Reach 1	20	Max WS	UF_Tr30_3h	8.50	335.48	336.60	336.68	337.02	0.017395	2.93	0.65	0.65	3.34	7.20	1.08
River 1	Reach 1	20	Max WS	UF_Tr30_1h	14.09	335.48	336.82	337.03	337.37	0.017182	3.48	0.68	0.59	6.05	19.36	1.12
River 1	Reach 1	20	Max WS	UF_Tr30_2h	11.30	335.48	336.72	336.93	337.24	0.017690	3.28	0.55	0.60	4.42	12.69	1.12
River 1	Reach 1	18.333	Max WS	UF_Tr30_6h	4.80	334.34	335.36	335.38	335.66	0.019894	2.43			1.98	3.64	1.05
River 1	Reach 1	18.333	Max WS	UF_Tr30_3h	8.50	334.34	335.63	335.67	336.01	0.017890	2.76	0.30	0.30	3.13	5.49	1.05
River 1	Reach 1	18.333	Max WS	UF_Tr30_1h	14.07	334.34	335.86	336.07	336.42	0.017744	3.33	0.49	0.49	4.84	11.30	1.09
River 1	Reach 1	18.333	Max WS	UF_Tr30_2h	11.30	334.34	335.76	335.81	336.23	0.017624	3.06	0.52	0.52	3.94	6.96	1.07
River 1	Reach 1	18.32			Lat Struct											
River 1	Reach 1	15	Max WS	UF_Tr30_6h	4.80	332.05	333.08	333.08	333.42	0.019615	2.58			1.86	2.73	1.00
River 1	Reach 1	15	Max WS	UF_Tr30_3h	8.50	332.05	333.42	333.42	333.87	0.019224	2.97			2.86	3.22	1.01
River 1	Reach 1	15	Max WS	UF_Tr30_1h	14.00	332.05	333.80	333.85	334.34	0.020320	3.25			4.30	4.62	1.08
River 1	Reach 1	15	Max WS	UF_Tr30_2h	11.29	332.05	333.63	333.67	334.13	0.019812	3.13			3.61	3.91	1.04
River 1	Reach 1	12	Max WS	UF_Tr30_6h	4.80	329.43	330.62		330.94	0.017907	2.49			1.93	2.59	0.92
River 1	Reach 1	12	Max WS	UF_Tr30_3h	8.50	329.43	330.97	330.93	331.41	0.018728	2.93			2.90	3.00	0.95
River 1	Reach 1	12	Max WS	UF_Tr30_1h	13.99	329.43	331.35	331.48	331.93	0.018888	3.38	0.28	0.28	4.33	8.29	0.97
River 1	Reach 1	12	Max WS	UF_Tr30_2h	11.29	329.43	331.18	331.15	331.69	0.019253	3.18			3.55	3.25	0.97
River 1	Reach 1	11.600	Max WS	UF_Tr30_6h	4.80	328.87	330.02	329.98	330.32	0.017414	2.45			1.96	2.83	0.94
River 1	Reach 1	11.600	Max WS	UF_Tr30_3h	8.50	328.87	330.34	330.32	330.76	0.017874	2.87			2.96	3.33	0.97
River 1	Reach 1	11.600	Max WS	UF_Tr30_1h	13.99	328.87	330.71	330.70	331.25	0.018292	3.27			4.28	3.90	1.00
River 1	Reach 1	11.600	Max WS	UF_Tr30_2h	11.29	328.87	330.54	330.52	331.03	0.018091	3.09			3.65	3.64	0.99
River 1	Reach 1	11.59			Lat Struct											
River 1	Reach 1	11	Max WS	UF_Tr30_6h	4.80	328.03	329.11		329.42	0.018933	2.50			1.92	3.02	1.00
River 1	Reach 1	11	Max WS	UF_Tr30_3h	8.50	328.03	329.42		329.84	0.018139	2.86			2.97	3.56	1.00
River 1	Reach 1	11	Max WS	UF_Tr30_1h	13.99	328.03	329.79		330.30	0.017545	3.19			4.39	4.32	1.01
River 1	Reach 1	11	Max WS	UF_Tr30_2h	11.28	328.03	329.62		330.09	0.017938	3.05			3.70	3.96	1.01
River 1	Reach 1	10.5			Culvert											
River 1	Reach 1	10	Max WS	UF_Tr30_6h	4.80	327.70	328.65	328.84	329.23	0.044855	3.37			1.42	2.78	1.50
River 1	Reach 1	10	Max WS	UF_Tr30_3h	8.50	327.70	328.89	329.15	329.68	0.047358	3.94			2.16	3.47	1.60
River 1	Reach 1	10	Max WS	UF_Tr30_1h	13.99	327.70	329.24	329.48	330.02	0.033994	3.91			3.58	4.58	1.41

HEC-RAS Profile: Max WS (Continued)

River	Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
					(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
River 1	Reach 1	10	Max WS	UF_Tr30_2h	11.29	327.70	329.07	329.33	329.89	0.041714	4.01			2.81	4.03	1.53
River 1	Reach 1	9	Max WS	UF_Tr30_6h	4.80	327.18	327.89		328.15	0.017116	2.25			2.13	4.18	1.01
River 1	Reach 1	9	Max WS	UF_Tr30_3h	8.50	327.18	328.22		328.50	0.012077	2.35			3.61	4.96	0.88
River 1	Reach 1	9	Max WS	UF_Tr30_1h	13.99	327.18	328.90		329.07	0.004370	1.85			7.56	6.72	0.56
River 1	Reach 1	9	Max WS	UF_Tr30_2h	11.28	327.18	328.61		328.80	0.006016	1.97			5.72	5.93	0.64
River 1	Reach 1	8.5			Culvert											
River 1	Reach 1	8	Max WS	UF_Tr30_6h	4.80	325.73	327.35		327.45	0.004214	1.44	0.15	0.26	3.39	4.39	0.50
River 1	Reach 1	8	Max WS	UF_Tr30_3h	8.50	325.73	327.86		327.98	0.002678	1.57	0.26	0.40	5.86	5.31	0.43
River 1	Reach 1	8	Max WS	UF_Tr30_1h	13.99	325.73	328.53		328.66	0.001765	1.66	0.33	0.49	9.84	6.53	0.37
River 1	Reach 1	8	Max WS	UF_Tr30_2h	11.28	325.73	328.20		328.33	0.002132	1.63	0.30	0.46	7.81	5.94	0.40
River 1	Reach 1	7	Max WS	UF_Tr30_6h	4.80	325.73	327.33	327.01	327.44	0.004483	1.47	0.15	0.26	3.33	4.36	0.51
River 1	Reach 1	7	Max WS	UF_Tr30_3h	8.50	325.73	327.85	327.28	327.97	0.002741	1.58	0.26	0.41	5.81	5.30	0.43
River 1	Reach 1	7	Max WS	UF_Tr30_1h	13.99	325.73	328.52	327.59	328.66	0.001782	1.67	0.33	0.49	9.80	6.52	0.37
River 1	Reach 1	7	Max WS	UF_Tr30_2h	11.28	325.73	328.20	327.45	328.33	0.002163	1.63	0.30	0.46	7.77	5.93	0.40
River 1	Reach 1	6.5			Bridge											
River 1	Reach 1	6	Max WS	UF_Tr30_6h	4.80	325.73	327.02	327.02	327.30	0.019388	2.33			2.06	3.64	0.99
River 1	Reach 1	6	Max WS	UF_Tr30_3h	8.50	325.73	327.24	327.29	327.68	0.020501	2.91	0.22	0.43	2.94	4.20	1.07
River 1	Reach 1	6	Max WS	UF_Tr30_1h	13.99	325.73	327.49	327.60	328.14	0.021477	3.59	0.47	0.76	4.02	4.64	1.15
River 1	Reach 1	6	Max WS	UF_Tr30_2h	11.28	325.73	327.38	327.45	327.92	0.020983	3.28	0.36	0.62	3.51	4.44	1.12
River 1	Reach 1	5.6667	Max WS	UF_Tr30_6h	4.80	325.62	326.78	326.78	327.06	0.019354	2.34		0.12	2.05	3.89	1.02
River 1	Reach 1	5.6667	Max WS	UF_Tr30_3h	8.50	325.62	326.99	327.04	327.43	0.020205	2.95	0.33	0.52	2.93	4.46	1.10
River 1	Reach 1	5.6667	Max WS	UF_Tr30_1h	13.99	325.62	327.21	327.36	327.89	0.021711	3.67	0.60	0.84	4.01	5.03	1.20
River 1	Reach 1	5.6667	Max WS	UF_Tr30_2h	11.28	325.62	327.11	327.20	327.67	0.020971	3.34	0.48	0.69	3.49	4.77	1.15
River 1	Reach 1	5.6			Lat Struct											
River 1	Reach 1	5	Max WS	UF_Tr30_6h	4.80	325.40	326.39		326.57	0.009700	1.93	0.29	0.34	2.62	5.76	0.79
River 1	Reach 1	5	Max WS	UF_Tr30_3h	8.47	325.40	326.55	326.56	326.81	0.010872	2.39	0.49	0.66	4.69	10.25	0.87
River 1	Reach 1	5	Max WS	UF_Tr30_1h	13.72	325.40	326.71	326.76	327.09	0.013414	3.00	0.70	0.99	6.33	10.61	0.99
River 1	Reach 1	5	Max WS	UF_Tr30_2h	11.16	325.40	326.63	326.67	326.96	0.012265	2.73	0.60	0.84	5.58	10.45	0.94
River 1	Reach 1	4.9000	Max WS	UF_Tr30_6h	4.80	325.36	326.28		326.42	0.008446	1.75	0.21	0.44	3.24	8.50	0.74
River 1	Reach 1	4.9000	Max WS	UF_Tr30_3h	7.94	325.36	326.43	326.40	326.64	0.009494	2.17	0.39	0.62	4.74	10.31	0.81
River 1	Reach 1	4.9000	Max WS	UF_Tr30_1h	11.95	325.36	326.56	326.56	326.86	0.011173	2.62	0.56	0.87	6.10	10.60	0.90
River 1	Reach 1	4.9000	Max WS	UF_Tr30_2h	10.01	325.36	326.50	326.49	326.76	0.010388	2.41	0.48	0.76	5.48	10.47	0.86
River 1	Reach 1	4.89			Lat Struct											
River 1	Reach 1	4.8	Max WS	UF_Tr30_6h	4.80	325.32	326.17		326.33	0.009003	1.77	0.15	0.35	2.80	5.95	0.76
River 1	Reach 1	4.8	Max WS	UF_Tr30_3h	7.44	325.32	326.33		326.49	0.007530	1.90	0.31	0.59	4.99	10.43	0.72
River 1	Reach 1	4.8	Max WS	UF_Tr30_1h	10.45	325.32	326.44		326.65	0.008329	2.21	0.43	0.76	6.18	10.67	0.78
River 1	Reach 1	4.8	Max WS	UF_Tr30_2h	9.01	325.32	326.39		326.58	0.007951	2.07	0.37	0.68	5.64	10.56	0.75
River 1	Reach 1	4	Max WS	UF_Tr30_6h	4.80	324.95	326.00	326.05	326.33	0.022492	2.51			1.91	3.68	1.11
River 1	Reach 1	4	Max WS	UF_Tr30_3h	7.29	324.95	326.16	326.24	326.58	0.022506	2.87	0.23	0.29	2.55	4.46	1.15
River 1	Reach 1	4	Max WS	UF_Tr30_1h	9.70	324.95	326.26	326.43	326.81	0.024078	3.28	0.47	0.50	3.04	5.17	1.22
River 1	Reach 1	4	Max WS	UF_Tr30_2h	8.57	324.95	326.22	326.38	326.71	0.023288	3.09	0.37	0.41	2.81	4.85	1.19
River 1	Reach 1	3	Max WS	UF_Tr30_6h	0.56	324.20	325.21		325.21	0.000053	0.14	0.05	0.03	4.95	12.00	0.06
River 1	Reach 1	3	Max WS	UF_Tr30_3h	0.55	324.20	325.20		325.20	0.000053	0.14	0.05	0.03	4.89	12.00	0.06
River 1	Reach 1	3	Max WS	UF_Tr30_1h	6.09	324.20	325.22		325.32	0.005691	1.49	0.50	0.34	5.13	12.00	0.61
River 1	Reach 1	3	Max WS	UF_Tr30_2h	6.12	324.20	325.20		325.31	0.006370	1.54	0.51	0.34	4.94	12.00	0.64
River 1	Reach 1	2	Max WS	UF_Tr30_6h	-0.43	323.71	325.21		325.21	0.000004	-0.06	-0.02	-0.02	10.74	11.77	0.02
River 1	Reach 1	2	Max WS	UF_Tr30_3h	-0.59	323.71	325.20		325.20	0.000007	-0.08	-0.03	-0.03	10.68	11.77	0.02
River 1	Reach 1	2	Max WS	UF_Tr30_1h	-0.59	323.71	325.20		325.20	0.000007	-0.08	-0.03	-0.03	10.68	11.77	0.02
River 1	Reach 1	2	Max WS	UF_Tr30_2h	-0.59	323.71	325.20		325.20	0.000007	-0.08	-0.03	-0.03	10.68	11.77	0.02
River 1	Reach 1	1	Max WS	UF_Tr30_6h	-0.43	322.81	325.21		325.21	0.000001	-0.03	0.00	0.00	16.75	14.35	0.01
River 1	Reach 1	1	Max WS	UF_Tr30_3h	-0.59	322.81	325.20		325.20	0.000001	-0.04	0.00	0.00	16.68	14.29	0.01
River 1	Reach 1	1	Max WS	UF_Tr30_1h	-0.59	322.81	325.20		325.20	0.000001	-0.04	0.00	0.00	16.68	14.29	0.01
River 1	Reach 1	1	Max WS	UF_Tr30_2h	-0.59	322.81	325.20		325.20	0.000001	-0.04	0.00	0.00	16.68	14.29	0.01

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "FOSSO DELLA SOPA"

FOSSO DELLA SOPA

MODELLAZIONE PER TR=30 e 200 ANNI

DURATA DI PIOGGIA: 0.5, 1, 2, 3 e 6 h

Profilo longitudinale

Sezioni Trasversali

Dati idraulici

ALLEGATI

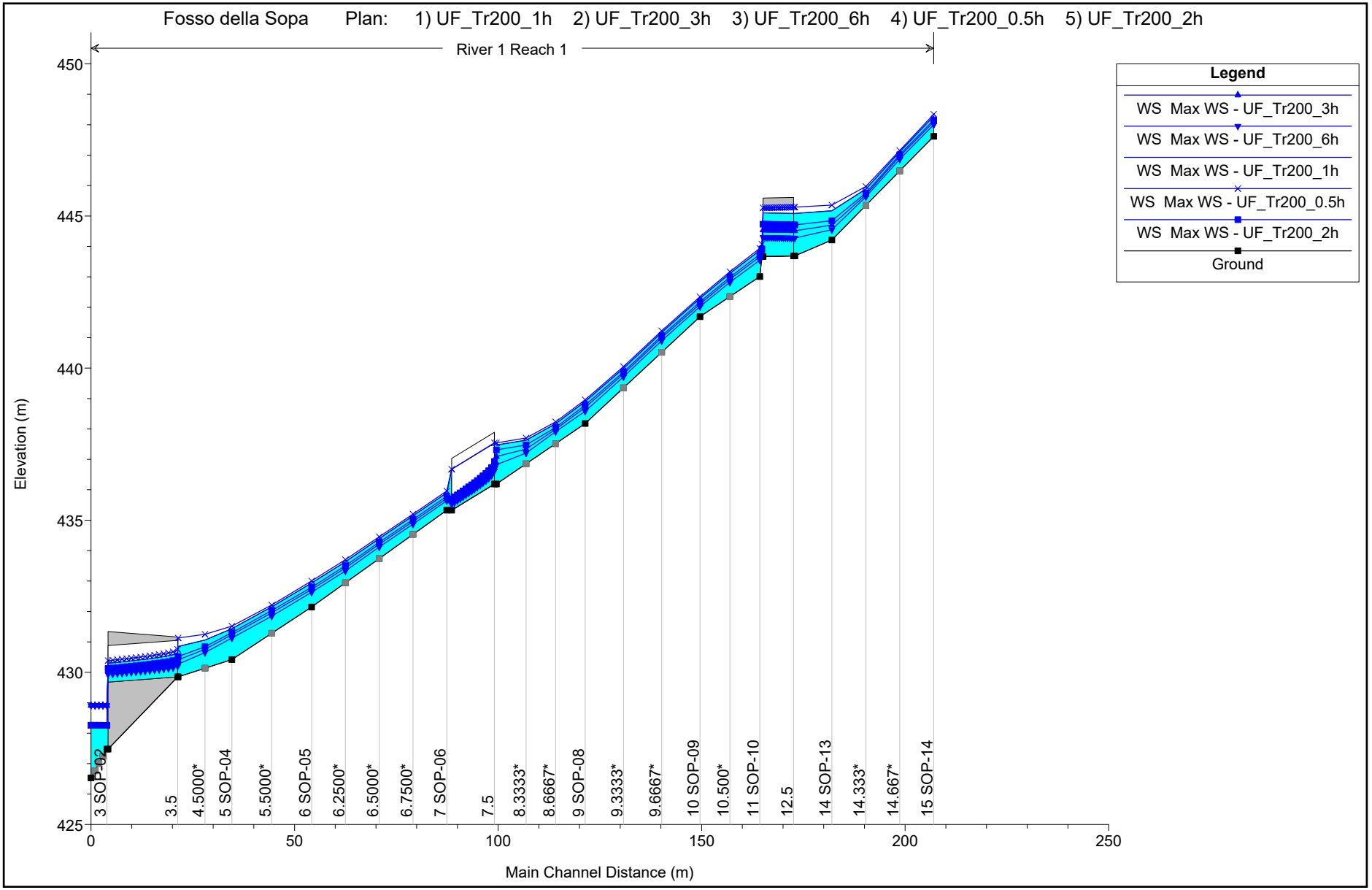
MODELLAZIONE HEC-RAS 5.0.7 "FOSSO DELLA SOPA"

FOSSO DELLA SOPA

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 0.5, 1, 2, 3 e 6 h

Profilo longitudinale


Fosso della Sopa Plan: 1) UF_Tr200_1h 2) UF_Tr200_3h 3) UF_Tr200_6h 4) UF_Tr200_0.5h 5) UF_Tr200_2h
River 1 Reach 1
Legend
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_6h
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_2h
Ground
Elevation (m)
Main Channel Distance (m)
450
445
440
435
430
425
0
50
100
150
200
250
3 SOP-02
3.5
4.5000*
5 SOP-04
5.5000*
6 SOP-05
6.2500*
6.5000*
6.7500*
7 SOP-06
7.5
8.3333*
8.6667*
9 SOP-08
9.3333*
9.6667*
10 SOP-09
10.500*
11 SOP-10
12.5
14 SOP-13
14.333*
14.667*
15 SOP-14

ALLEGATI

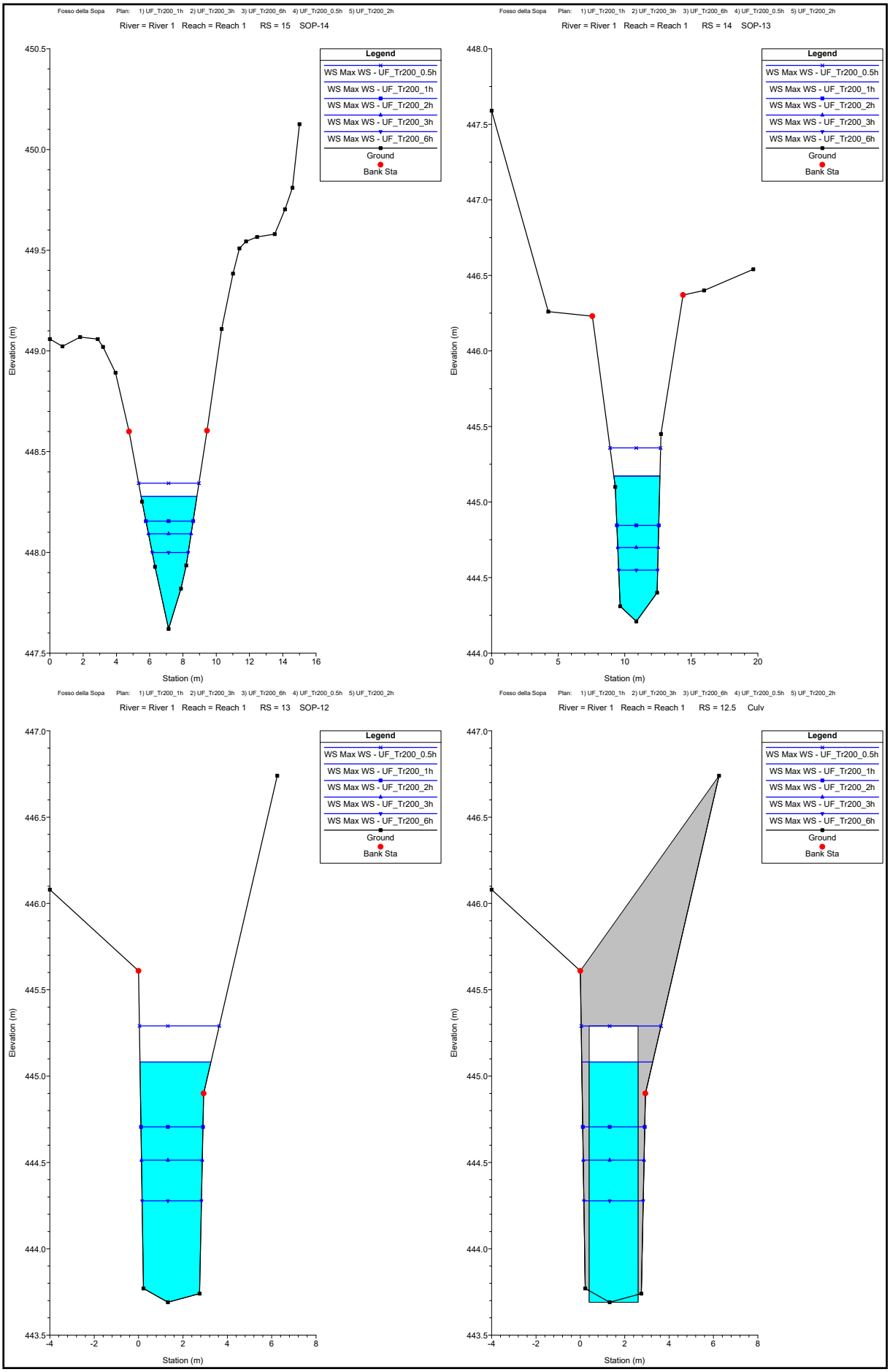
MODELLAZIONE HEC-RAS 5.0.7 "FOSSO DELLA SOPA"

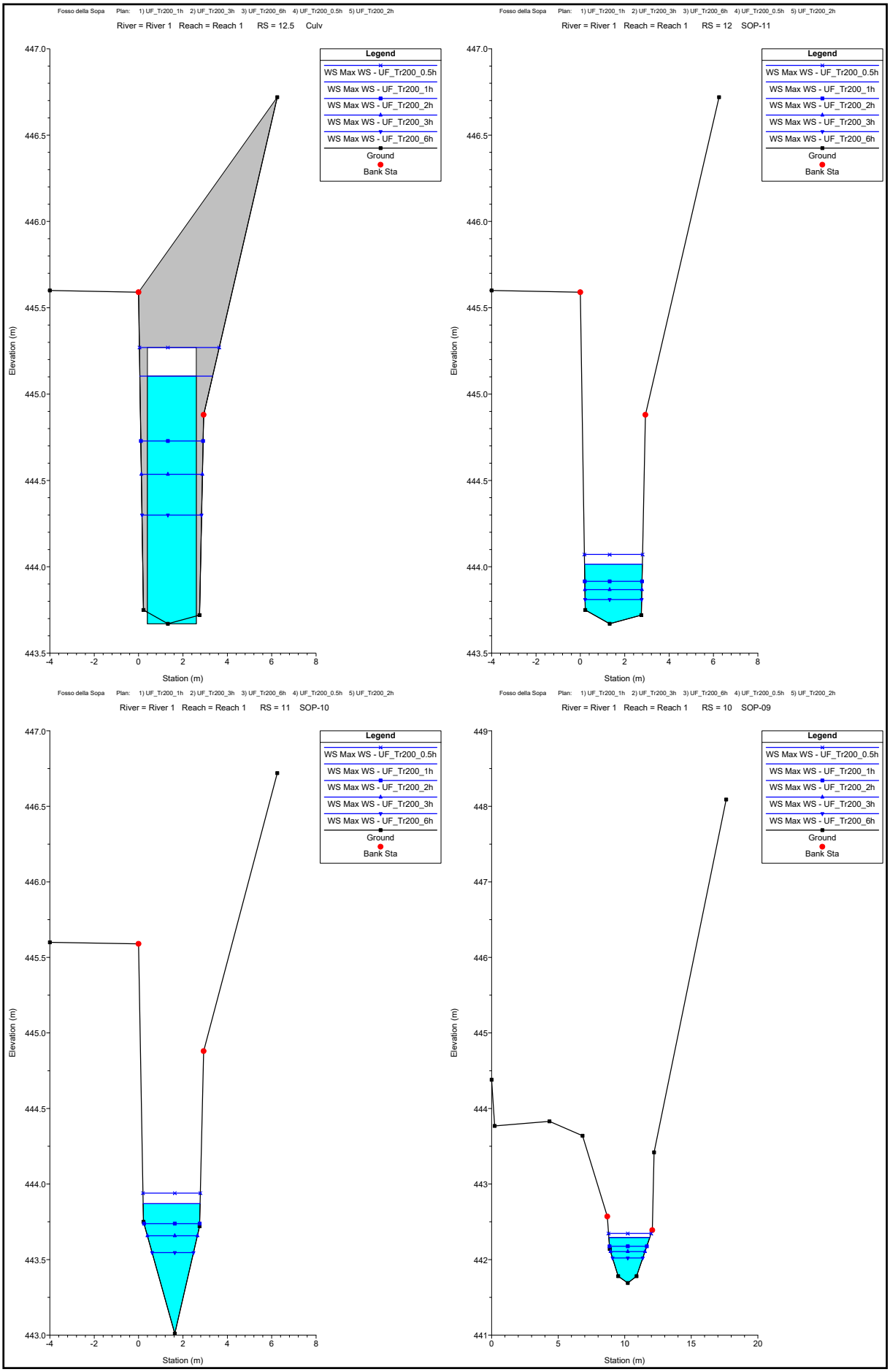
FOSSO DELLA SOPA

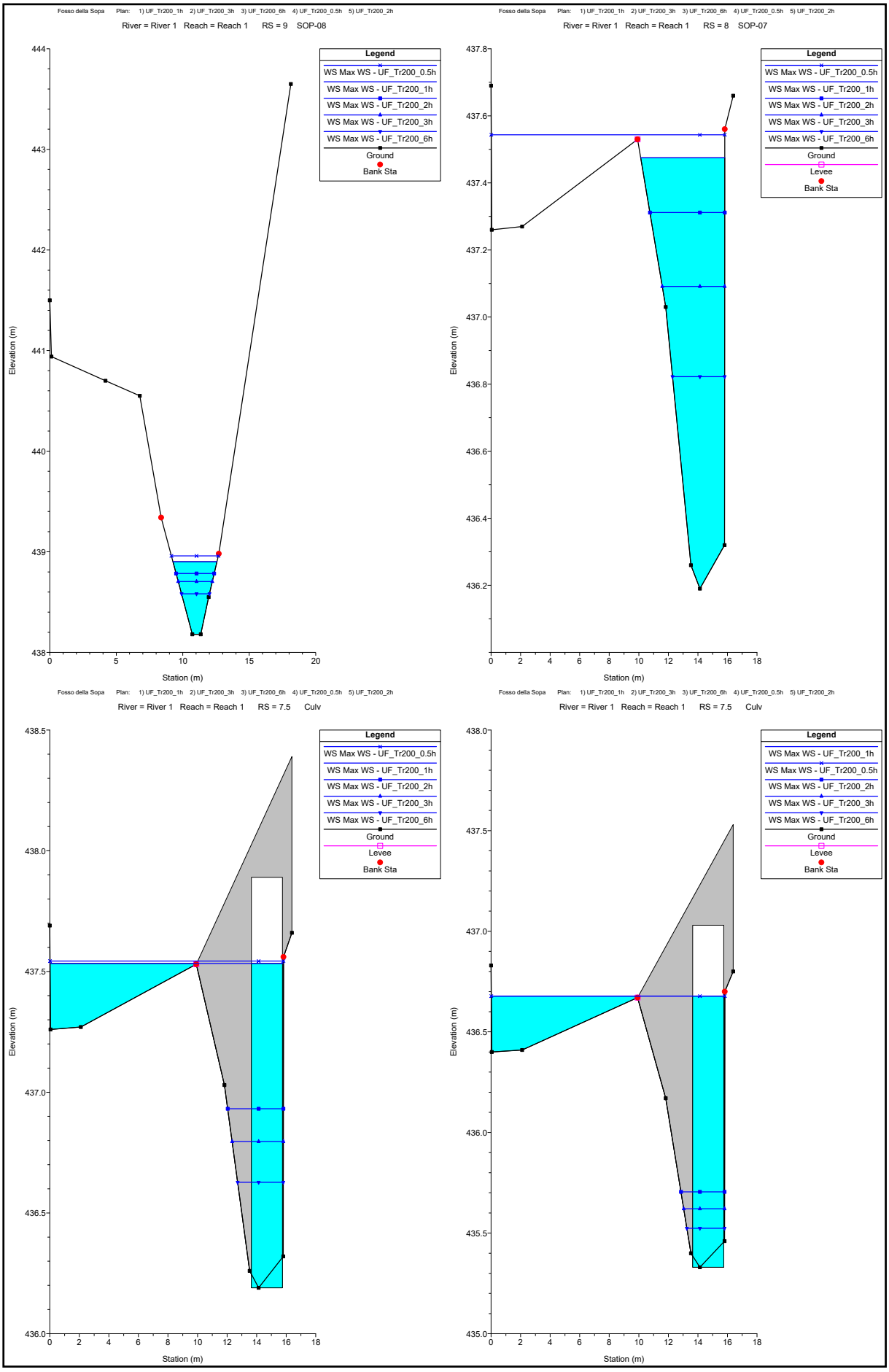
MODELLAZIONE PER TR= 200 anni

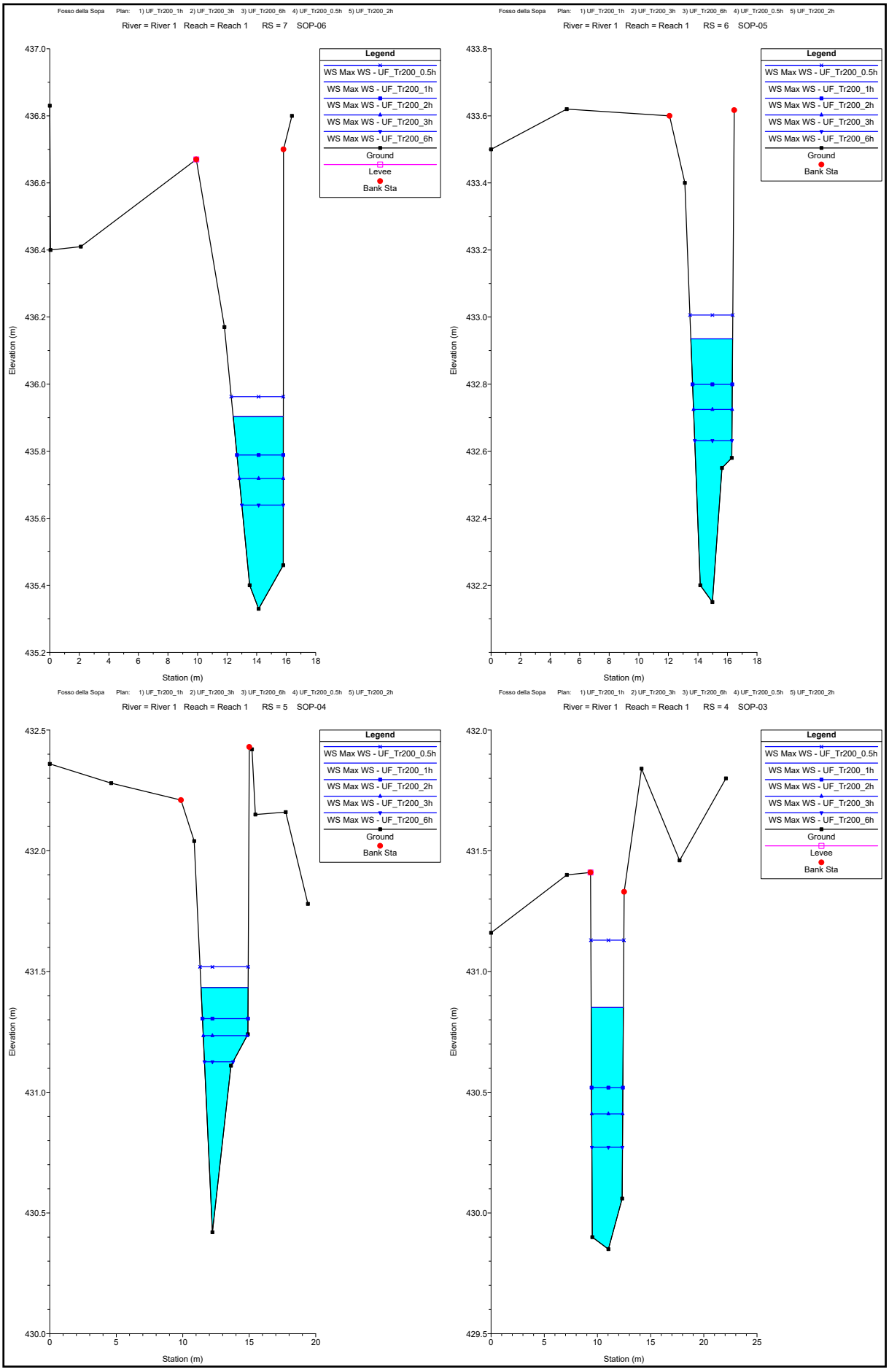
DURATE DI PIOGGIA: 0.5, 1, 2, 3 e 6 h

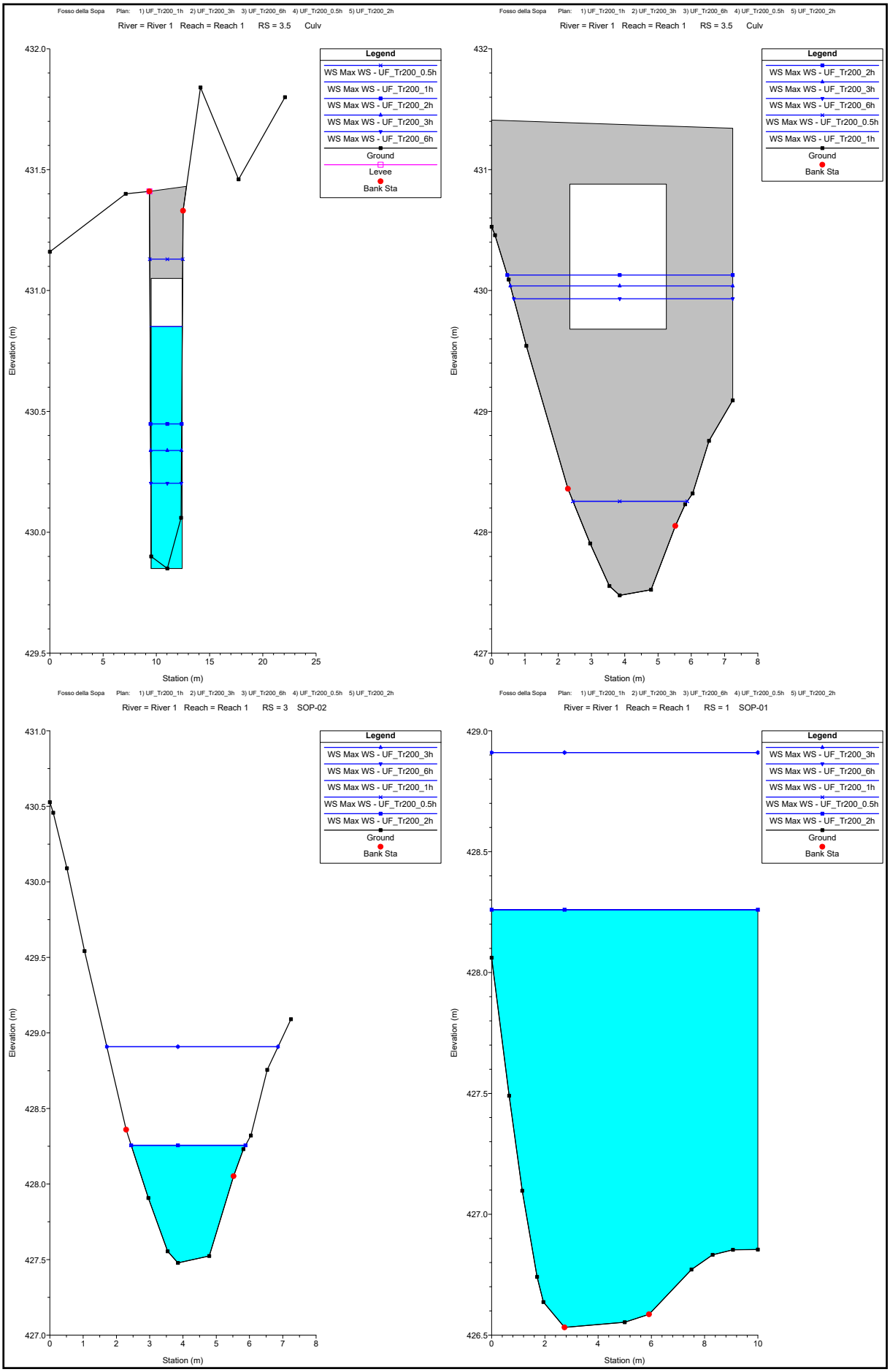
Sezioni Trasversali (da monte verso valle)


Fosso della Sopa Plan: 1) UF_Tr200_1h 2) UF_Tr200_3h 3) UF_Tr200_6h 4) UF_Tr200_0.5h 5) UF_Tr200_2h
River = River 1 Reach = Reach 1 RS = 15 SOP-14
Legend
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_6h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso della Sopa Plan: 1) UF_Tr200_1h 2) UF_Tr200_3h 3) UF_Tr200_6h 4) UF_Tr200_0.5h 5) UF_Tr200_2h
River = River 1 Reach = Reach 1 RS = 14 SOP-13
Legend
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_6h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso della Sopa Plan: 1) UF_Tr200_1h 2) UF_Tr200_3h 3) UF_Tr200_6h 4) UF_Tr200_0.5h 5) UF_Tr200_2h
River = River 1 Reach = Reach 1 RS = 13 SOP-12
Legend
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_6h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso della Sopa Plan: 1) UF_Tr200_1h 2) UF_Tr200_3h 3) UF_Tr200_6h 4) UF_Tr200_0.5h 5) UF_Tr200_2h
River = River 1 Reach = Reach 1 RS = 12.5 Culv
Legend
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_6h
Ground
Bank Sta
Elevation (m)
Station (m)


Fosso della Sopa Plan: 1) UF_Tr200_1h 2) UF_Tr200_3h 3) UF_Tr200_6h 4) UF_Tr200_0.5h 5) UF_Tr200_2h
River = River 1 Reach = Reach 1 RS = 12.5 Culv
Fosso della Sopa Plan: 1) UF_Tr200_1h 2) UF_Tr200_3h 3) UF_Tr200_6h 4) UF_Tr200_0.5h 5) UF_Tr200_2h
River = River 1 Reach = Reach 1 RS = 12 SOP-11
Fosso della Sopa Plan: 1) UF_Tr200_1h 2) UF_Tr200_3h 3) UF_Tr200_6h 4) UF_Tr200_0.5h 5) UF_Tr200_2h
River = River 1 Reach = Reach 1 RS = 11 SOP-10
Fosso della Sopa Plan: 1) UF_Tr200_1h 2) UF_Tr200_3h 3) UF_Tr200_6h 4) UF_Tr200_0.5h 5) UF_Tr200_2h
River = River 1 Reach = Reach 1 RS = 10 SOP-09
Legend
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_6h
Ground
Bank Sta
Elevation (m)
Station (m)


Fosso della Sopa Plan: 1) UF_Tr200_1h 2) UF_Tr200_3h 3) UF_Tr200_6h 4) UF_Tr200_0.5h 5) UF_Tr200_2h
River = River 1 Reach = Reach 1 RS = 9 SOP-08
Legend
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_6h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso della Sopa Plan: 1) UF_Tr200_1h 2) UF_Tr200_3h 3) UF_Tr200_6h 4) UF_Tr200_0.5h 5) UF_Tr200_2h
River = River 1 Reach = Reach 1 RS = 8 SOP-07
Legend
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_6h
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Fosso della Sopa Plan: 1) UF_Tr200_1h 2) UF_Tr200_3h 3) UF_Tr200_6h 4) UF_Tr200_0.5h 5) UF_Tr200_2h
River = River 1 Reach = Reach 1 RS = 7.5 Culv
Legend
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_6h
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Fosso della Sopa Plan: 1) UF_Tr200_1h 2) UF_Tr200_3h 3) UF_Tr200_6h 4) UF_Tr200_0.5h 5) UF_Tr200_2h
River = River 1 Reach = Reach 1 RS = 7.5 Culv
Legend
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_6h
Ground
Levee
Bank Sta
Elevation (m)
Station (m)


Fosso della Sopa Plan: 1) UF_Tr200_1h 2) UF_Tr200_3h 3) UF_Tr200_6h 4) UF_Tr200_0.5h 5) UF_Tr200_2h
River = River 1 Reach = Reach 1 RS = 7 SOP-06
Legend
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_6h
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Fosso della Sopa Plan: 1) UF_Tr200_1h 2) UF_Tr200_3h 3) UF_Tr200_6h 4) UF_Tr200_0.5h 5) UF_Tr200_2h
River = River 1 Reach = Reach 1 RS = 6 SOP-05
Legend
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_6h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso della Sopa Plan: 1) UF_Tr200_1h 2) UF_Tr200_3h 3) UF_Tr200_6h 4) UF_Tr200_0.5h 5) UF_Tr200_2h
River = River 1 Reach = Reach 1 RS = 5 SOP-04
Legend
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_6h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso della Sopa Plan: 1) UF_Tr200_1h 2) UF_Tr200_3h 3) UF_Tr200_6h 4) UF_Tr200_0.5h 5) UF_Tr200_2h
River = River 1 Reach = Reach 1 RS = 4 SOP-03
Legend
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_6h
Ground
Levee
Bank Sta
Elevation (m)
Station (m)


Fosso della Sopa Plan: 1) UF_Tr200_1h 2) UF_Tr200_3h 3) UF_Tr200_6h 4) UF_Tr200_0.5h 5) UF_Tr200_2h
River = River 1 Reach = Reach 1 RS = 3.5 Culv
Legend
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_6h
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Fosso della Sopa Plan: 1) UF_Tr200_1h 2) UF_Tr200_3h 3) UF_Tr200_6h 4) UF_Tr200_0.5h 5) UF_Tr200_2h
River = River 1 Reach = Reach 1 RS = 3.5 Culv
Legend
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_6h
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_1h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso della Sopa Plan: 1) UF_Tr200_1h 2) UF_Tr200_3h 3) UF_Tr200_6h 4) UF_Tr200_0.5h 5) UF_Tr200_2h
River = River 1 Reach = Reach 1 RS = 3 SOP-02
Legend
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_6h
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_2h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso della Sopa Plan: 1) UF_Tr200_1h 2) UF_Tr200_3h 3) UF_Tr200_6h 4) UF_Tr200_0.5h 5) UF_Tr200_2h
River = River 1 Reach = Reach 1 RS = 1 SOP-01
Legend
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_6h
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_2h
Ground
Bank Sta
Elevation (m)
Station (m)

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "FOSSO DELLA SOPA"

FOSSO DELLA SOPA

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 0.5, 1, 2, 3 e 6 h

Dati idraulici

HEC-RAS River: River 1 Reach: Reach 1 Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Reach 1	15	Max WS	UF_Tr200_1h	6.50	447.62	448.28	448.64	449.74	0.151062	5.36			1.21	3.36	2.85
Reach 1	15	Max WS	UF_Tr200_3h	3.10	447.62	448.09	448.37	449.22	0.180294	4.70			0.66	2.57	2.96
Reach 1	15	Max WS	UF_Tr200_6h	1.90	447.62	448.00	448.23	448.95	0.207202	4.32			0.44	2.17	3.06
Reach 1	15	Max WS	UF_Tr200_0.5h	7.90	447.62	448.34	448.73	449.88	0.140015	5.49			1.44	3.63	2.78
Reach 1	15	Max WS	UF_Tr200_2h	4.20	447.62	448.15	448.47	449.46	0.177722	5.07			0.83	2.83	2.99
Reach 1	14	Max WS	UF_Tr200_1h	6.50	444.21	445.17		445.46	0.014130	2.39			2.72	3.46	0.86
Reach 1	14	Max WS	UF_Tr200_3h	3.10	444.21	444.70	444.78	445.04	0.034869	2.59			1.20	3.04	1.32
Reach 1	14	Max WS	UF_Tr200_6h	1.90	444.21	444.55	444.64	444.88	0.055098	2.54			0.75	2.92	1.60
Reach 1	14	Max WS	UF_Tr200_0.5h	7.87	444.21	445.36		445.63	0.011444	2.32			3.39	3.80	0.78
Reach 1	14	Max WS	UF_Tr200_2h	4.20	444.21	444.85	444.89	445.18	0.024613	2.55			1.65	3.14	1.12
Reach 1	13	Max WS	UF_Tr200_1h	6.50	443.69	445.08		445.24	0.005771	1.76		0.23	3.71	3.19	0.50
Reach 1	13	Max WS	UF_Tr200_3h	3.10	443.69	444.51		444.63	0.006622	1.49			2.08	2.74	0.55
Reach 1	13	Max WS	UF_Tr200_6h	1.90	443.69	444.28		444.37	0.007138	1.32			1.44	2.67	0.57
Reach 1	13	Max WS	UF_Tr200_0.5h	7.87	443.69	445.29		445.46	0.005335	1.82		0.37	4.42	3.60	0.48
Reach 1	13	Max WS	UF_Tr200_2h	4.20	443.69	444.71		444.84	0.006426	1.61			2.62	2.79	0.53
Reach 1	12.5			Culvert											
Reach 1	12	Max WS	UF_Tr200_1h	6.50	443.67	444.02	444.56	447.34	0.483441	8.08			0.80	2.61	4.65
Reach 1	12	Max WS	UF_Tr200_3h	3.10	443.67	443.87	444.23	446.61	0.821914	7.34			0.42	2.57	5.78
Reach 1	12	Max WS	UF_Tr200_6h	1.90	443.67	443.81	444.08	446.25	1.221454	6.91			0.27	2.55	6.72
Reach 1	12	Max WS	UF_Tr200_0.5h	7.87	443.67	444.07	444.68	447.56	0.425315	8.28			0.95	2.62	4.39
Reach 1	12	Max WS	UF_Tr200_2h	4.20	443.67	443.92	444.35	446.92	0.667089	7.68			0.55	2.58	5.32
Reach 1	11	Max WS	UF_Tr200_1h	6.50	443.01	443.87	444.25	445.23	0.112833	5.16			1.26	2.57	2.35
Reach 1	11	Max WS	UF_Tr200_3h	3.10	443.01	443.66	443.91	444.58	0.120379	4.25			0.73	2.25	2.38
Reach 1	11	Max WS	UF_Tr200_6h	1.90	443.01	443.55	443.76	444.28	0.124000	3.80			0.50	1.87	2.34
Reach 1	11	Max WS	UF_Tr200_0.5h	7.87	443.01	443.94	444.36	445.46	0.112088	5.47			1.44	2.59	2.34
Reach 1	11	Max WS	UF_Tr200_2h	4.20	443.01	443.74	444.03	444.80	0.117830	4.56			0.92	2.51	2.40
Reach 1	10	Max WS	UF_Tr200_1h	6.50	441.69	442.29	442.66	443.69	0.129265	5.24			1.24	3.07	2.63
Reach 1	10	Max WS	UF_Tr200_3h	3.10	441.69	442.11	442.36	443.08	0.143615	4.37			0.71	2.59	2.67
Reach 1	10	Max WS	UF_Tr200_6h	1.90	441.69	442.02	442.22	442.75	0.142531	3.79			0.50	2.27	2.58
Reach 1	10	Max WS	UF_Tr200_0.5h	7.87	441.69	442.35	442.75	443.93	0.132030	5.58			1.41	3.20	2.68
Reach 1	10	Max WS	UF_Tr200_2h	4.20	441.69	442.18	442.47	443.29	0.134873	4.67			0.90	2.80	2.63
Reach 1	9	Max WS	UF_Tr200_1h	6.50	438.18	438.90	439.22	439.98	0.092742	4.60			1.41	3.31	2.25
Reach 1	9	Max WS	UF_Tr200_3h	3.10	438.18	438.70	438.92	439.41	0.086487	3.72			0.83	2.56	2.08
Reach 1	9	Max WS	UF_Tr200_6h	1.90	438.18	438.58	438.77	439.20	0.100047	3.47			0.55	2.10	2.17
Reach 1	9	Max WS	UF_Tr200_0.5h	7.86	438.18	438.96	439.31	440.17	0.095575	4.88			1.61	3.53	2.31
Reach 1	9	Max WS	UF_Tr200_2h	4.20	438.18	438.78	439.03	439.60	0.085547	4.00			1.05	2.86	2.11
Reach 1	8	Max WS	UF_Tr200_1h	6.50	436.19	437.47		437.58	0.004342	1.41			4.59	5.69	0.50
Reach 1	8	Max WS	UF_Tr200_3h	3.10	436.19	437.09		437.16	0.003874	1.15			2.69	4.23	0.46
Reach 1	8	Max WS	UF_Tr200_6h	1.90	436.19	436.82		436.89	0.005456	1.15			1.66	3.53	0.53
Reach 1	8	Max WS	UF_Tr200_0.5h	7.85	436.19	437.54		437.64	0.004358	1.46	0.33		6.69	15.80	0.51
Reach 1	8	Max WS	UF_Tr200_2h	4.20	436.19	437.31		437.38	0.003135	1.13			3.71	5.07	0.42
Reach 1	7.5			Culvert											
Reach 1	7	Max WS	UF_Tr200_1h	6.50	435.33	435.90	436.21	436.92	0.092645	4.47			1.45	3.39	2.18
Reach 1	7	Max WS	UF_Tr200_3h	3.10	435.33	435.72	435.91	436.37	0.093994	3.58			0.87	2.98	2.12
Reach 1	7	Max WS	UF_Tr200_6h	1.90	435.33	435.64	435.78	436.09	0.087790	2.98			0.64	2.80	2.00
Reach 1	7	Max WS	UF_Tr200_0.5h	7.85	435.33	435.96	436.32	437.10	0.092839	4.73			1.66	3.53	2.20
Reach 1	7	Max WS	UF_Tr200_2h	4.20	435.33	435.79	436.02	436.56	0.090562	3.89			1.08	3.14	2.12
Reach 1	6	Max WS	UF_Tr200_1h	6.50	432.15	432.93	433.23	433.90	0.074575	4.35			1.49	2.82	1.91
Reach 1	6	Max WS	UF_Tr200_3h	3.10	432.15	432.72	432.90	433.30	0.069742	3.37			0.92	2.61	1.81
Reach 1	6	Max WS	UF_Tr200_6h	1.90	432.15	432.63	432.75	433.03	0.064630	2.79			0.68	2.51	1.71
Reach 1	6	Max WS	UF_Tr200_0.5h	7.84	432.15	433.01	433.34	434.10	0.075474	4.63			1.69	2.90	1.93
Reach 1	6	Max WS	UF_Tr200_2h	4.20	432.15	432.80	433.02	433.52	0.072042	3.76			1.12	2.68	1.86
Reach 1	5	Max WS	UF_Tr200_1h	6.49	430.42	431.43	431.66	432.18	0.062639	3.82			1.70	3.54	1.76
Reach 1	5	Max WS	UF_Tr200_3h	3.10	430.42	431.23	431.38	431.71	0.068123	3.06			1.01	3.30	1.77
Reach 1	5	Max WS	UF_Tr200_6h	1.90	430.42	431.13	431.25	431.48	0.048836	2.65			0.72	2.16	1.46
Reach 1	5	Max WS	UF_Tr200_0.5h	7.83	430.42	431.52	431.75	432.29	0.055534	3.90			2.01	3.62	1.67
Reach 1	5	Max WS	UF_Tr200_2h	4.20	430.42	431.30	431.47	431.88	0.066224	3.35			1.25	3.42	1.77
Reach 1	4	Max WS	UF_Tr200_1h	6.49	429.85	430.85		431.14	0.013770	2.38			2.73	3.03	0.80
Reach 1	4	Max WS	UF_Tr200_3h	3.10	429.85	430.41		430.65	0.020673	2.18			1.42	2.92	0.99
Reach 1	4	Max WS	UF_Tr200_6h	1.90	429.85	430.27		430.45	0.021058	1.86			1.02	2.88	0.99
Reach 1	4	Max WS	UF_Tr200_0.5h	7.81	429.85	431.13		431.37	0.009391	2.18			3.59	3.10	0.65
Reach 1	4	Max WS	UF_Tr200_2h	4.20	429.85	430.52		430.82	0.020905	2.41			1.74	2.94	1.00
Reach 1	3.5			Culvert											
Reach 1	3	Max WS	UF_Tr200_1h	0.50	427.48	428.26		428.26	0.000285	0.30		0.05	1.71	3.43	0.13
Reach 1	3	Max WS	UF_Tr200_3h	0.50	427.48	428.91		428.91	0.000019	0.13	0.02	0.04	4.51	5.15	0.04
Reach 1	3	Max WS	UF_Tr200_6h	0.68	427.48	428.91		428.91	0.000034	0.17	0.03	0.05	4.51	5.15	0.05
Reach 1	3	Max WS	UF_Tr200_0.5h	0.50	427.48	428.26		428.26	0.000285	0.30		0.05	1.71	3.43	0.13
Reach 1	3	Max WS	UF_Tr200_2h	0.51	427.48	428.26		428.26	0.000296	0.30		0.06	1.71	3.43	0.13
Reach 1	1	Max WS	UF_Tr200_1h	0.50	426.53	428.26	426.68	428.26	0.000002	0.05	0.02	0.02	14.75	10.00	0.01
Reach 1	1	Max WS	UF_Tr200_3h	0.50	426.53	428.91	426.68	428.91	0.000001	0.04	0.01	0.02	21.25	10.00	0.01
Reach 1	1	Max WS	UF_Tr200_6h	0.68	426.53	428.91	426.70	428.91	0.000001	0.05	0.02	0.02	21.25	10.00	0.01
Reach 1	1	Max WS	UF_Tr200_0.5h	0.50	426.53	428.26	426.68	428.26	0.000002	0.05	0.02	0.02	14.75	10.00	0.01
Reach 1	1	Max WS	UF_Tr200_2h	1.29	426.53	428.26	426.78	428.26	0.000011	0.14	0.05	0.06	14.75	10.00	0.03

ALLEGATI

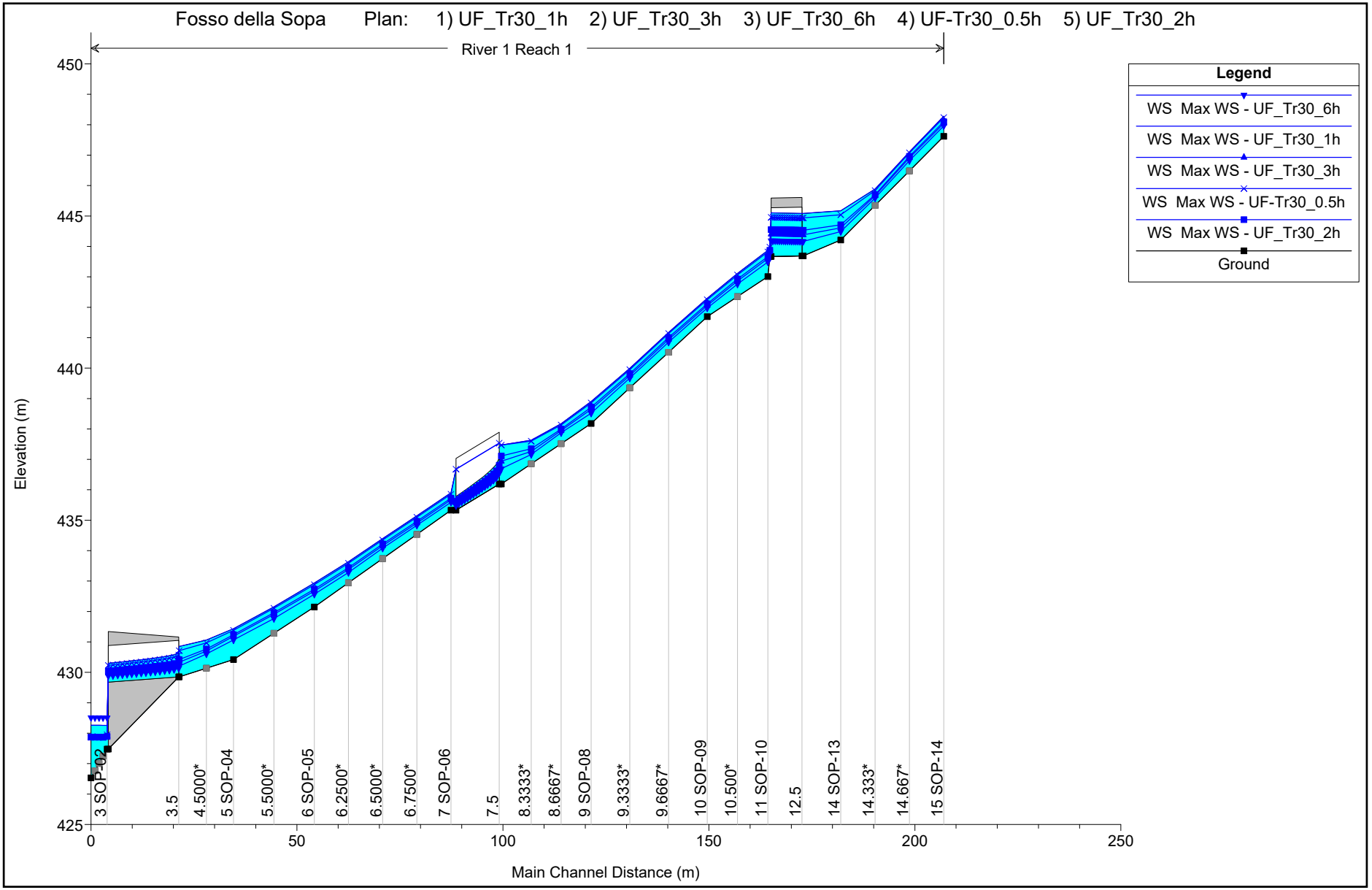
MODELLAZIONE HEC-RAS 5.0.7 "FOSSO DELLA SOPA"

FOSSO DELLA SOPA

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 0.5, 1, 2, 3 e 6 h

Profilo longitudinale


Fosso della Sopa Plan: 1) UF_Tr30_1h 2) UF_Tr30_3h 3) UF_Tr30_6h 4) UF-Tr30_0.5h 5) UF_Tr30_2h
River 1 Reach 1
Legend
WS Max WS - UF_Tr30_6h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_3h
WS Max WS - UF-Tr30_0.5h
WS Max WS - UF_Tr30_2h
Ground
Elevation (m)
450
445
440
435
430
425
0
50
100
150
200
250
Main Channel Distance (m)
3 SOP-02
3.5
4.5000*
5 SOP-04
5.5000*
6 SOP-05
6.2500*
6.5000*
6.7500*
7 SOP-06
7.5
8.3333*
8.6667*
9 SOP-08
9.3333*
9.6667*
10 SOP-09
10.500*
11 SOP-10
12.5
14 SOP-13
14.333*
14.667*
15 SOP-14

ALLEGATI

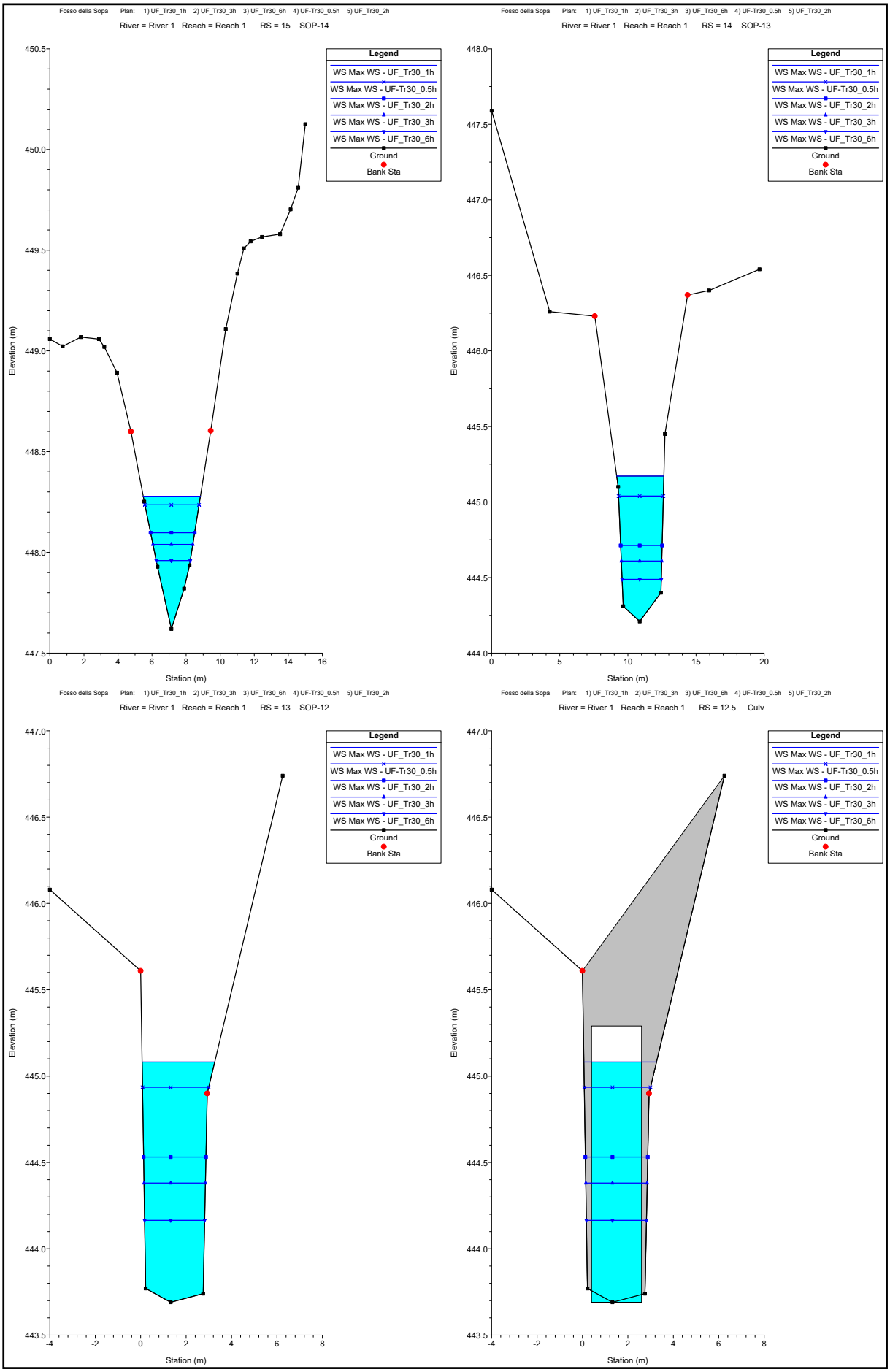
MODELLAZIONE HEC-RAS 5.0.7 "FOSSO DELLA SOPA"

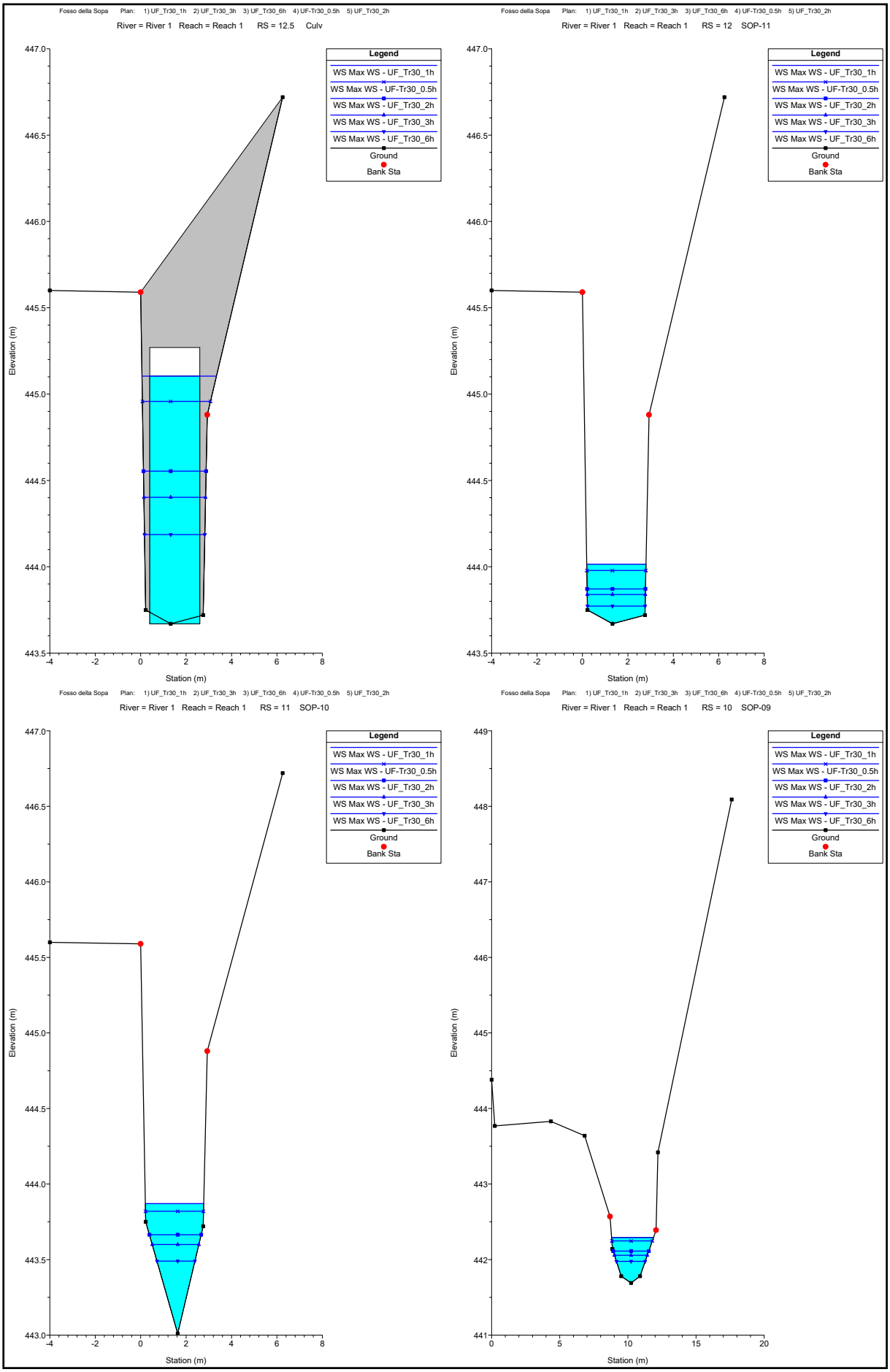
FOSSO DELLA SOPA

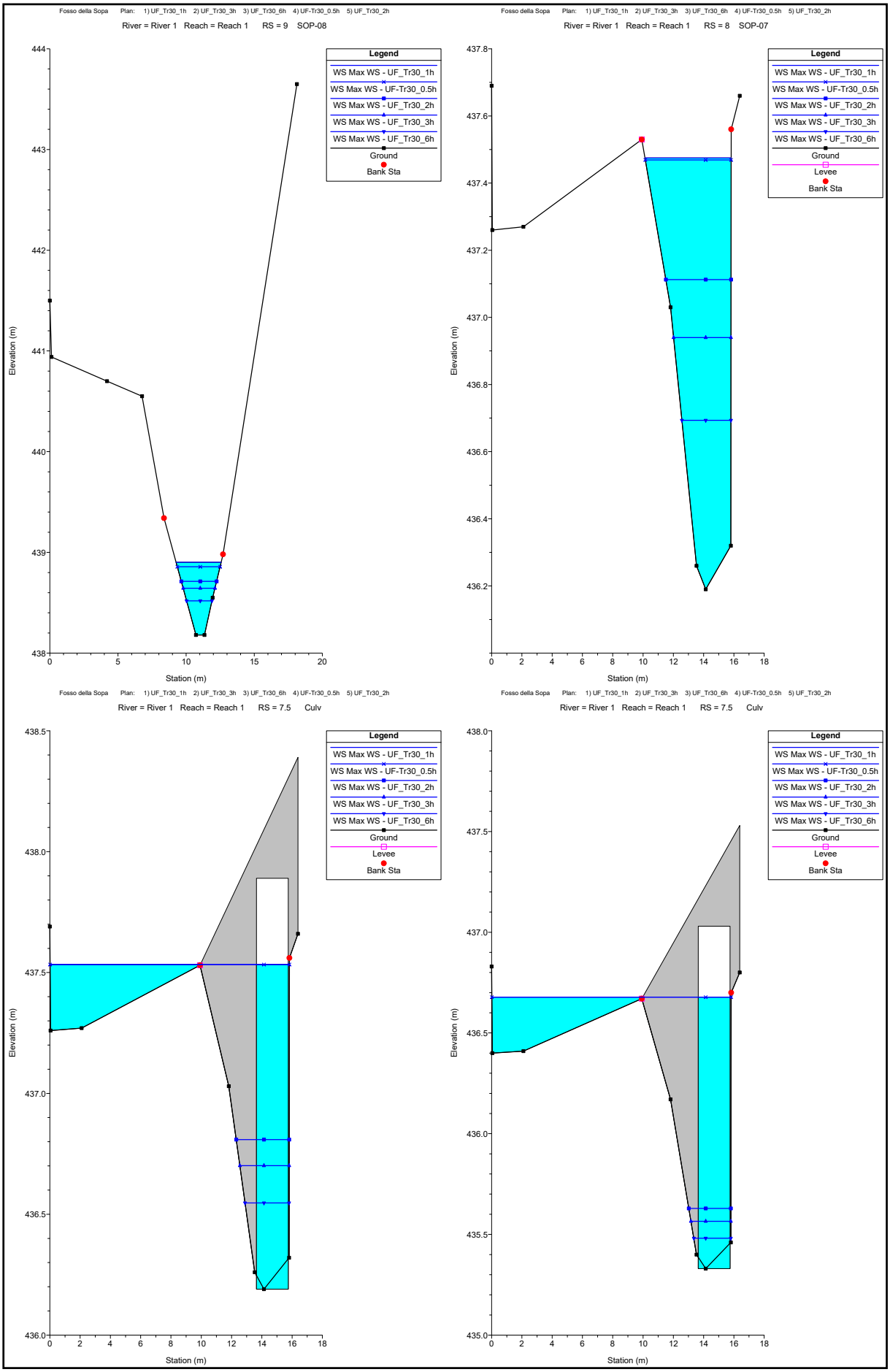
MODELLAZIONE PER TR= 30 anni

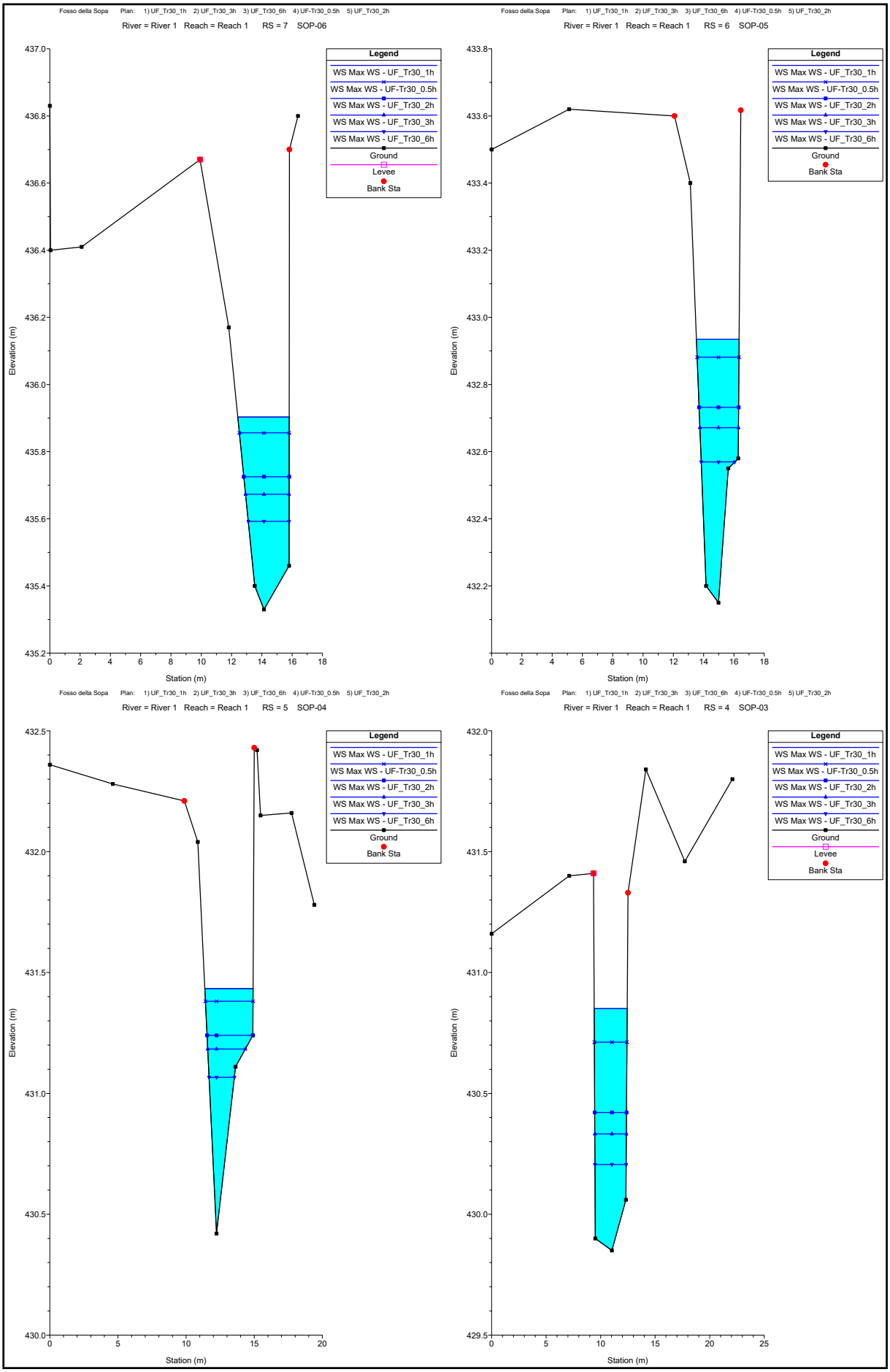
DURATE DI PIOGGIA: 0.5, 1, 2, 3 e 6 h

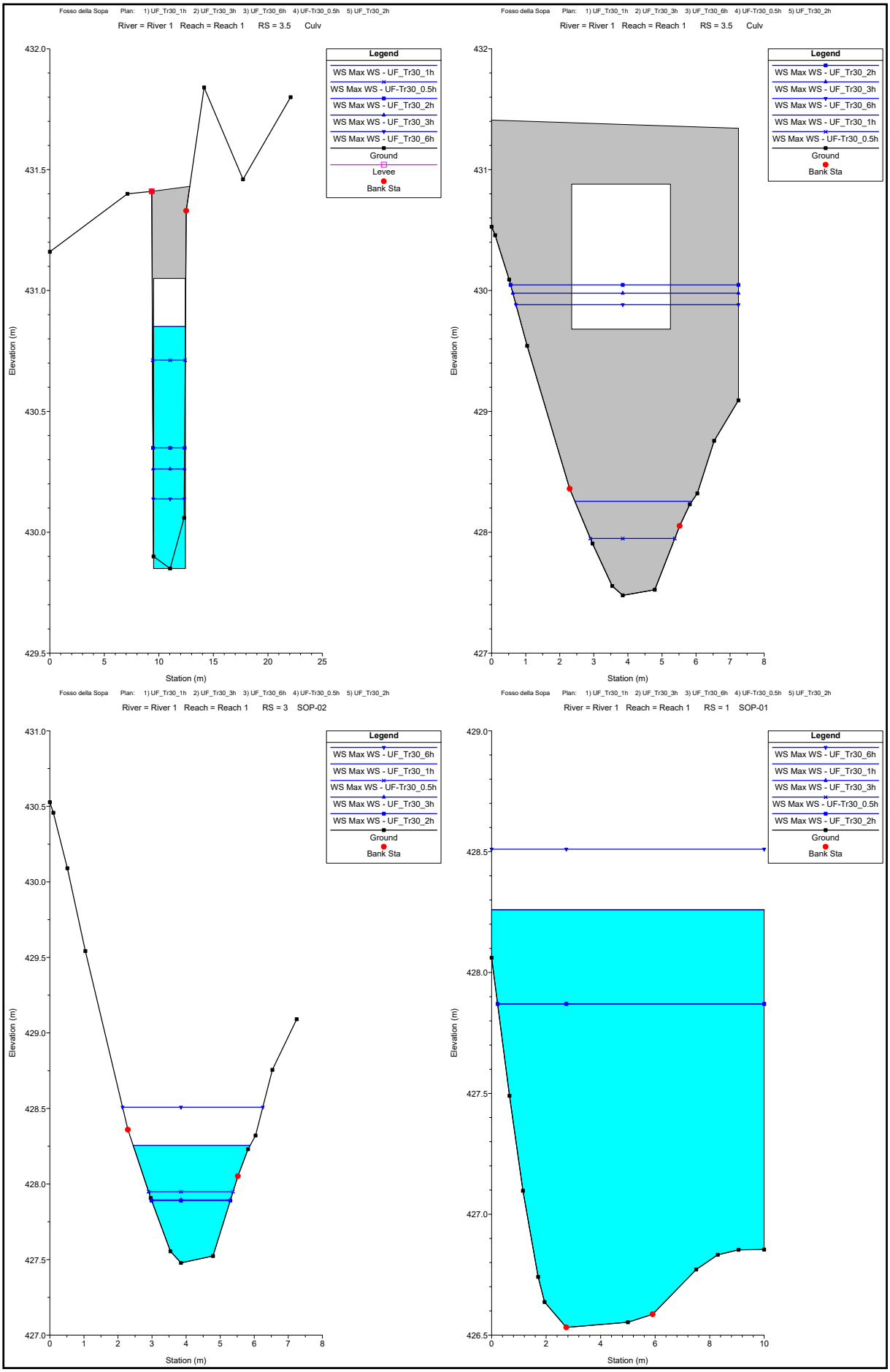
Sezioni Trasversali (da monte verso valle)


Fosso della Sopa Plan: 1) UF_Tr30_1h 2) UF_Tr30_3h 3) UF_Tr30_6h 4) UF-Tr30_0.5h 5) UF_Tr30_2h
River = River 1 Reach = Reach 1 RS = 15 SOP-14
Legend
WS Max WS - UF_Tr30_1h
WS Max WS - UF-Tr30_0.5h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_6h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso della Sopa Plan: 1) UF_Tr30_1h 2) UF_Tr30_3h 3) UF_Tr30_6h 4) UF-Tr30_0.5h 5) UF_Tr30_2h
River = River 1 Reach = Reach 1 RS = 14 SOP-13
Legend
WS Max WS - UF_Tr30_1h
WS Max WS - UF-Tr30_0.5h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_6h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso della Sopa Plan: 1) UF_Tr30_1h 2) UF_Tr30_3h 3) UF_Tr30_6h 4) UF-Tr30_0.5h 5) UF_Tr30_2h
River = River 1 Reach = Reach 1 RS = 13 SOP-12
Legend
WS Max WS - UF_Tr30_1h
WS Max WS - UF-Tr30_0.5h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_6h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso della Sopa Plan: 1) UF_Tr30_1h 2) UF_Tr30_3h 3) UF_Tr30_6h 4) UF-Tr30_0.5h 5) UF_Tr30_2h
River = River 1 Reach = Reach 1 RS = 12.5 Culv
Legend
WS Max WS - UF_Tr30_1h
WS Max WS - UF-Tr30_0.5h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_6h
Ground
Bank Sta
Elevation (m)
Station (m)


Fosso della Sopa Plan: 1) UF_Tr30_1h 2) UF_Tr30_3h 3) UF_Tr30_6h 4) UF-Tr30_0.5h 5) UF_Tr30_2h
River = River 1 Reach = Reach 1 RS = 12.5 Culv
Fosso della Sopa Plan: 1) UF_Tr30_1h 2) UF_Tr30_3h 3) UF_Tr30_6h 4) UF-Tr30_0.5h 5) UF_Tr30_2h
River = River 1 Reach = Reach 1 RS = 12 SOP-11
Fosso della Sopa Plan: 1) UF_Tr30_1h 2) UF_Tr30_3h 3) UF_Tr30_6h 4) UF-Tr30_0.5h 5) UF_Tr30_2h
River = River 1 Reach = Reach 1 RS = 11 SOP-10
Fosso della Sopa Plan: 1) UF_Tr30_1h 2) UF_Tr30_3h 3) UF_Tr30_6h 4) UF-Tr30_0.5h 5) UF_Tr30_2h
River = River 1 Reach = Reach 1 RS = 10 SOP-09
Legend
WS Max WS - UF_Tr30_1h
WS Max WS - UF-Tr30_0.5h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_6h
Ground
Bank Sta
Elevation (m)
Station (m)


Fosso della Sopa Plan: 1) UF_Tr30_1h 2) UF_Tr30_3h 3) UF_Tr30_6h 4) UF-Tr30_0.5h 5) UF_Tr30_2h
River = River 1 Reach = Reach 1 RS = 9 SOP-08
Legend
WS Max WS - UF_Tr30_1h
WS Max WS - UF-Tr30_0.5h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_6h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso della Sopa Plan: 1) UF_Tr30_1h 2) UF_Tr30_3h 3) UF_Tr30_6h 4) UF-Tr30_0.5h 5) UF_Tr30_2h
River = River 1 Reach = Reach 1 RS = 8 SOP-07
Legend
WS Max WS - UF_Tr30_1h
WS Max WS - UF-Tr30_0.5h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_6h
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Fosso della Sopa Plan: 1) UF_Tr30_1h 2) UF_Tr30_3h 3) UF_Tr30_6h 4) UF-Tr30_0.5h 5) UF_Tr30_2h
River = River 1 Reach = Reach 1 RS = 7.5 Culv
Legend
WS Max WS - UF_Tr30_1h
WS Max WS - UF-Tr30_0.5h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_6h
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Fosso della Sopa Plan: 1) UF_Tr30_1h 2) UF_Tr30_3h 3) UF_Tr30_6h 4) UF-Tr30_0.5h 5) UF_Tr30_2h
River = River 1 Reach = Reach 1 RS = 7.5 Culv
Legend
WS Max WS - UF_Tr30_1h
WS Max WS - UF-Tr30_0.5h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_6h
Ground
Levee
Bank Sta
Elevation (m)
Station (m)


Fosso della Sopa Plan: 1) UF_Tr30_1h 2) UF_Tr30_3h 3) UF_Tr30_6h 4) UF-Tr30_0.5h 5) UF_Tr30_2h
River = River 1 Reach = Reach 1 RS = 7 SOP-06
Legend
WS Max WS - UF_Tr30_1h
WS Max WS - UF-Tr30_0.5h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_6h
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Fosso della Sopa Plan: 1) UF_Tr30_1h 2) UF_Tr30_3h 3) UF_Tr30_6h 4) UF-Tr30_0.5h 5) UF_Tr30_2h
River = River 1 Reach = Reach 1 RS = 6 SOP-05
Legend
WS Max WS - UF_Tr30_1h
WS Max WS - UF-Tr30_0.5h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_6h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso della Sopa Plan: 1) UF_Tr30_1h 2) UF_Tr30_3h 3) UF_Tr30_6h 4) UF-Tr30_0.5h 5) UF_Tr30_2h
River = River 1 Reach = Reach 1 RS = 5 SOP-04
Legend
WS Max WS - UF_Tr30_1h
WS Max WS - UF-Tr30_0.5h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_6h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso della Sopa Plan: 1) UF_Tr30_1h 2) UF_Tr30_3h 3) UF_Tr30_6h 4) UF-Tr30_0.5h 5) UF_Tr30_2h
River = River 1 Reach = Reach 1 RS = 4 SOP-03
Legend
WS Max WS - UF_Tr30_1h
WS Max WS - UF-Tr30_0.5h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_6h
Ground
Levee
Bank Sta
Elevation (m)
Station (m)


Fosso della Sopa Plan: 1) UF_Tr30_1h 2) UF_Tr30_3h 3) UF_Tr30_6h 4) UF-Tr30_0.5h 5) UF_Tr30_2h
River = River 1 Reach = Reach 1 RS = 3.5 Culv
Legend
WS Max WS - UF_Tr30_1h
WS Max WS - UF-Tr30_0.5h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_6h
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Fosso della Sopa Plan: 1) UF_Tr30_1h 2) UF_Tr30_3h 3) UF_Tr30_6h 4) UF-Tr30_0.5h 5) UF_Tr30_2h
River = River 1 Reach = Reach 1 RS = 3.5 Culv
Legend
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_6h
WS Max WS - UF_Tr30_1h
WS Max WS - UF-Tr30_0.5h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso della Sopa Plan: 1) UF_Tr30_1h 2) UF_Tr30_3h 3) UF_Tr30_6h 4) UF-Tr30_0.5h 5) UF_Tr30_2h
River = River 1 Reach = Reach 1 RS = 3 SOP-02
Legend
WS Max WS - UF_Tr30_6h
WS Max WS - UF_Tr30_1h
WS Max WS - UF-Tr30_0.5h
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_2h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso della Sopa Plan: 1) UF_Tr30_1h 2) UF_Tr30_3h 3) UF_Tr30_6h 4) UF-Tr30_0.5h 5) UF_Tr30_2h
River = River 1 Reach = Reach 1 RS = 1 SOP-01
Legend
WS Max WS - UF_Tr30_6h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_3h
WS Max WS - UF-Tr30_0.5h
WS Max WS - UF_Tr30_2h
Ground
Bank Sta
Elevation (m)
Station (m)

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "FOSSO DELLA SOPA"

FOSSO DELLA SOPA

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 0.5, 1, 2, 3 e 6 h

Dati idraulici

HEC-RAS River: River 1 Reach: Reach 1 Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Reach 1	15	Max WS	UF_Tr30_1h	6.50	447.62	448.28	448.64	449.74	0.151062	5.36			1.21	3.36	2.85
Reach 1	15	Max WS	UF_Tr30_3h	2.40	447.62	448.04	448.29	449.08	0.196801	4.52			0.53	2.34	3.03
Reach 1	15	Max WS	UF_Tr30_6h	1.40	447.62	447.96	448.15	448.74	0.201585	3.92			0.36	2.00	2.96
Reach 1	15	Max WS	UF-Tr30_0.5h	5.60	447.62	448.24	448.59	449.62	0.155976	5.21			1.07	3.18	2.86
Reach 1	15	Max WS	UF_Tr30_2h	3.20	447.62	448.10	448.38	449.25	0.181268	4.75			0.67	2.59	2.97
Reach 1	14	Max WS	UF_Tr30_1h	6.50	444.21	445.17		445.46	0.014130	2.39			2.72	3.46	0.86
Reach 1	14	Max WS	UF_Tr30_3h	2.40	444.21	444.61	444.70	444.95	0.045651	2.60			0.92	2.97	1.49
Reach 1	14	Max WS	UF_Tr30_6h	1.40	444.21	444.49	444.58	444.80	0.069928	2.46			0.57	2.88	1.76
Reach 1	14	Max WS	UF-Tr30_0.5h	5.57	444.21	445.04	445.01	445.35	0.017034	2.45			2.27	3.29	0.94
Reach 1	14	Max WS	UF_Tr30_2h	3.20	444.21	444.71	444.79	445.06	0.033810	2.59			1.23	3.04	1.30
Reach 1	13	Max WS	UF_Tr30_1h	6.50	443.69	445.08		445.24	0.005771	1.76		0.23	3.71	3.19	0.50
Reach 1	13	Max WS	UF_Tr30_3h	2.40	443.69	444.38		444.48	0.006841	1.39			1.72	2.70	0.56
Reach 1	13	Max WS	UF_Tr30_6h	1.40	443.69	444.16		444.24	0.007698	1.22			1.15	2.64	0.59
Reach 1	13	Max WS	UF-Tr30_0.5h	5.57	443.69	444.94		445.08	0.006111	1.71		0.08	3.26	2.91	0.51
Reach 1	13	Max WS	UF_Tr30_2h	3.20	443.69	444.53		444.65	0.006597	1.50			2.13	2.74	0.54
Reach 1	12.5			Culvert											
Reach 1	12	Max WS	UF_Tr30_1h	6.50	443.67	444.02	444.56	447.34	0.483441	8.08			0.80	2.61	4.65
Reach 1	12	Max WS	UF_Tr30_3h	2.40	443.67	443.84	444.15	446.23	0.893220	6.85			0.35	2.56	5.91
Reach 1	12	Max WS	UF_Tr30_6h	1.40	443.67	443.77	444.01	446.90	2.683117	7.84			0.18	2.54	9.43
Reach 1	12	Max WS	UF-Tr30_0.5h	5.57	443.67	443.98	444.48	447.13	0.524163	7.86			0.71	2.60	4.81
Reach 1	12	Max WS	UF_Tr30_2h	3.20	443.67	443.87	444.24	446.65	0.808094	7.39			0.43	2.57	5.74
Reach 1	11	Max WS	UF_Tr30_1h	6.50	443.01	443.87	444.25	445.23	0.112833	5.16			1.26	2.57	2.35
Reach 1	11	Max WS	UF_Tr30_3h	2.40	443.01	443.60	443.82	444.40	0.118586	3.96			0.61	2.05	2.33
Reach 1	11	Max WS	UF_Tr30_6h	1.40	443.01	443.49	443.67	444.11	0.121831	3.50			0.40	1.67	2.28
Reach 1	11	Max WS	UF-Tr30_0.5h	5.57	443.01	443.82	444.16	445.06	0.113912	4.93			1.13	2.55	2.37
Reach 1	11	Max WS	UF_Tr30_2h	3.20	443.01	443.66	443.92	444.60	0.120792	4.29			0.75	2.28	2.39
Reach 1	10	Max WS	UF_Tr30_1h	6.50	441.69	442.29	442.66	443.69	0.129265	5.24			1.24	3.07	2.63
Reach 1	10	Max WS	UF_Tr30_3h	2.40	441.69	442.06	442.28	442.91	0.145625	4.09			0.59	2.41	2.64
Reach 1	10	Max WS	UF_Tr30_6h	1.40	441.69	441.98	442.14	442.59	0.142776	3.47			0.40	2.11	2.53
Reach 1	10	Max WS	UF-Tr30_0.5h	5.57	441.69	442.25	442.58	443.55	0.132720	5.05			1.10	2.97	2.65
Reach 1	10	Max WS	UF_Tr30_2h	3.20	441.69	442.11	442.37	443.10	0.142651	4.40			0.73	2.62	2.66
Reach 1	9	Max WS	UF_Tr30_1h	6.50	438.18	438.90	439.22	439.98	0.092742	4.60			1.41	3.31	2.25
Reach 1	9	Max WS	UF_Tr30_3h	2.40	438.18	438.64	438.84	439.27	0.088157	3.51			0.68	2.33	2.07
Reach 1	9	Max WS	UF_Tr30_6h	1.40	438.18	438.52	438.69	439.08	0.110062	3.32			0.42	1.86	2.23
Reach 1	9	Max WS	UF-Tr30_0.5h	5.57	438.18	438.86	439.15	439.84	0.090539	4.39			1.27	3.14	2.20
Reach 1	9	Max WS	UF_Tr30_2h	3.20	438.18	438.71	438.93	439.43	0.086159	3.74			0.85	2.59	2.08
Reach 1	8	Max WS	UF_Tr30_1h	6.50	436.19	437.47		437.58	0.004342	1.41			4.59	5.69	0.50
Reach 1	8	Max WS	UF_Tr30_3h	2.40	436.19	436.94		437.01	0.004568	1.15			2.09	3.79	0.49
Reach 1	8	Max WS	UF_Tr30_6h	1.40	436.19	436.69		436.76	0.007046	1.14			1.22	3.24	0.59
Reach 1	8	Max WS	UF-Tr30_0.5h	5.11	436.19	437.47		437.53	0.002740	1.12			4.56	5.67	0.40
Reach 1	8	Max WS	UF_Tr30_2h	3.20	436.19	437.11		437.18	0.003800	1.15			2.78	4.31	0.46
Reach 1	7.5			Culvert											
Reach 1	7	Max WS	UF_Tr30_1h	6.50	435.33	435.90	436.21	436.92	0.092645	4.47			1.45	3.39	2.18
Reach 1	7	Max WS	UF_Tr30_3h	2.40	435.33	435.67	435.84	436.22	0.092435	3.28			0.73	2.88	2.08
Reach 1	7	Max WS	UF_Tr30_6h	1.40	435.33	435.59	435.71	435.98	0.094354	2.76			0.51	2.70	2.03
Reach 1	7	Max WS	UF-Tr30_0.5h	5.57	435.33	435.86	436.14	436.80	0.094193	4.29			1.30	3.29	2.18
Reach 1	7	Max WS	UF_Tr30_2h	3.20	435.33	435.73	435.92	436.39	0.093631	3.61			0.89	3.00	2.12
Reach 1	6	Max WS	UF_Tr30_1h	6.50	432.15	432.93	433.23	433.90	0.074575	4.35			1.49	2.82	1.91
Reach 1	6	Max WS	UF_Tr30_3h	2.40	432.15	432.67	432.81	433.15	0.067688	3.06			0.78	2.55	1.77
Reach 1	6	Max WS	UF_Tr30_6h	1.40	432.15	432.57	432.67	432.93	0.067904	2.64			0.53	2.22	1.73
Reach 1	6	Max WS	UF-Tr30_0.5h	5.57	432.15	432.88	433.15	433.76	0.074192	4.15			1.34	2.77	1.90
Reach 1	6	Max WS	UF_Tr30_2h	3.20	432.15	432.73	432.91	433.32	0.069913	3.41			0.94	2.62	1.81
Reach 1	5	Max WS	UF_Tr30_1h	6.49	430.42	431.43	431.66	432.18	0.062639	3.82			1.70	3.54	1.76
Reach 1	5	Max WS	UF_Tr30_3h	2.40	430.42	431.18	431.30	431.58	0.057198	2.79			0.86	2.76	1.60
Reach 1	5	Max WS	UF_Tr30_6h	1.40	430.42	431.07	431.16	431.34	0.039974	2.33			0.60	1.86	1.31
Reach 1	5	Max WS	UF-Tr30_0.5h	5.56	430.42	431.38	431.58	432.07	0.064908	3.67			1.52	3.49	1.78
Reach 1	5	Max WS	UF_Tr30_2h	3.20	430.42	431.24	431.39	431.73	0.069492	3.10			1.03	3.36	1.79
Reach 1	4	Max WS	UF_Tr30_1h	6.49	429.85	430.85		431.14	0.013770	2.38			2.73	3.03	0.80
Reach 1	4	Max WS	UF_Tr30_3h	2.40	429.85	430.33		430.54	0.020844	2.00			1.20	2.90	0.99
Reach 1	4	Max WS	UF_Tr30_6h	1.40	429.85	430.21		430.35	0.021498	1.68			0.83	2.86	0.99
Reach 1	4	Max WS	UF-Tr30_0.5h	5.56	429.85	430.71		431.01	0.016136	2.40			2.32	2.99	0.87
Reach 1	4	Max WS	UF_Tr30_2h	3.20	429.85	430.42		430.67	0.020696	2.20			1.45	2.92	0.99
Reach 1	3.5			Culvert											
Reach 1	3	Max WS	UF_Tr30_1h	0.50	427.48	428.26		428.26	0.000285	0.30		0.05	1.71	3.43	0.13
Reach 1	3	Max WS	UF_Tr30_3h	2.40	427.48	427.90	428.09	428.53	0.089571	3.54			0.68	2.32	2.09
Reach 1	3	Max WS	UF_Tr30_6h	0.56	427.48	428.51		428.51	0.000100	0.22	0.02	0.06	2.67	4.12	0.08
Reach 1	3	Max WS	UF-Tr30_0.5h	5.56	427.48	427.95	428.42	430.37	0.295917	6.88			0.81	2.48	3.85
Reach 1	3	Max WS	UF_Tr30_2h	3.20	427.48	427.89	428.18	429.06	0.166122	4.79			0.67	2.31	2.84
Reach 1	1	Max WS	UF_Tr30_1h	0.50	426.53	428.26	426.68	428.26	0.000002	0.05	0.02	0.02	14.75	10.00	0.01
Reach 1	1	Max WS	UF_Tr30_3h	2.40	426.53	427.87	426.90	427.87	0.000098	0.34	0.14	0.15	10.87	9.78	0.09
Reach 1	1	Max WS	UF_Tr30_6h	0.56	426.53	428.51	426.69	428.51	0.000001	0.05	0.02	0.02	17.25	10.00	0.01
Reach 1	1	Max WS	UF-Tr30_0.5h	0.50	426.53	427.87	426.68	427.87	0.000004	0.07	0.03	0.03	10.87	9.78	0.02
Reach 1	1	Max WS	UF_Tr30_2h	1.02	426.53	427.87	426.75	427.87	0.000018	0.15	0.06	0.06	10.87	9.78	0.04

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "FOSSO DELLE VIGNE"

FOSSO DELLE VIGNE

MODELLAZIONE PER TR=30 e 200 ANNI

DURATA DI PIOGGIA: 0.5, 1, 2, 3 e 6 h

Profilo longitudinale

Sezioni Trasversali

Dati idraulici

ALLEGATI

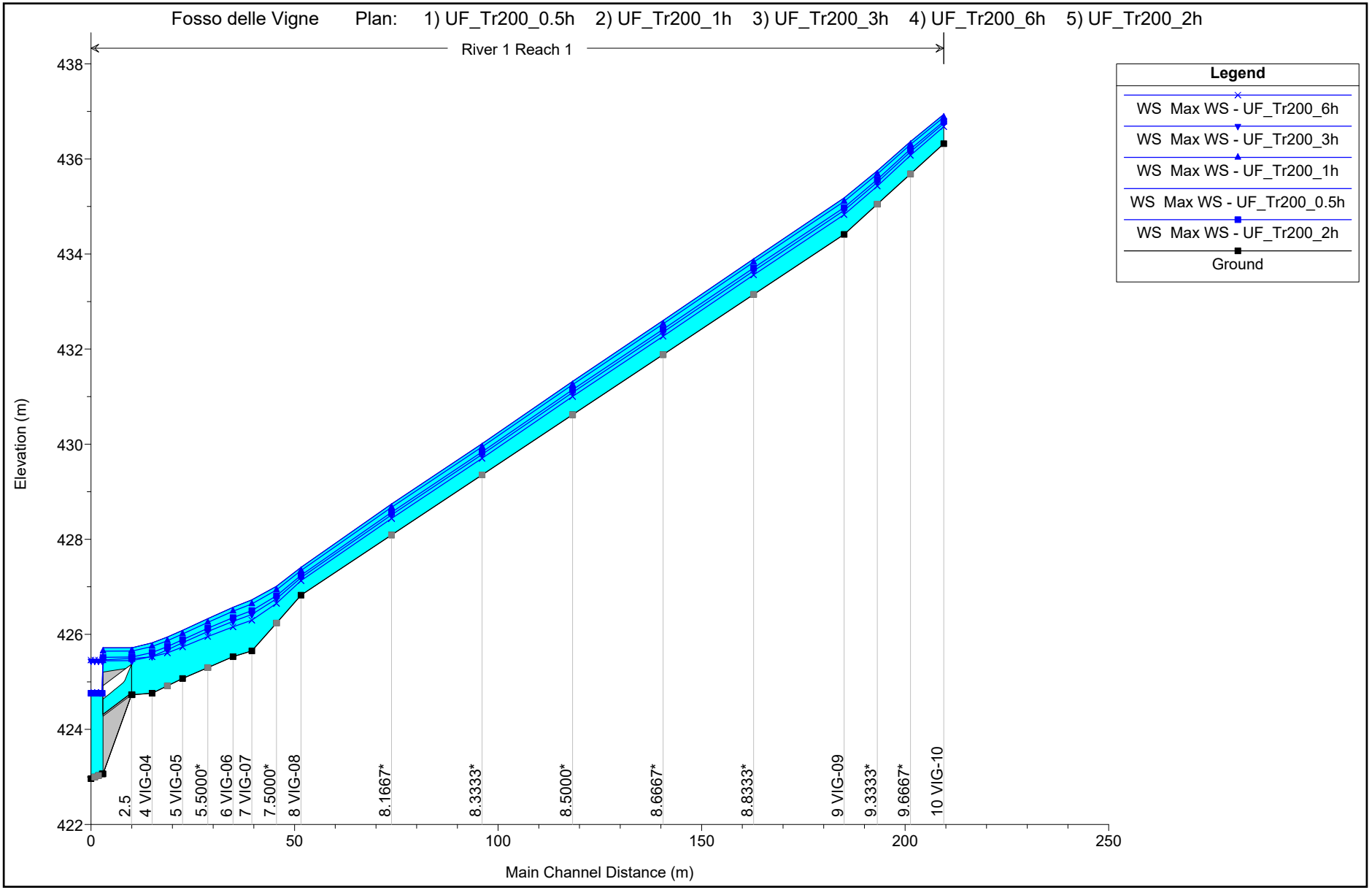
MODELLAZIONE HEC-RAS 5.0.7 "FOSSO DELLE VIGNE"

FOSSO DELLE VIGNE

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 0.5, 1, 2, 3 e 6 h

Profilo longitudinale


Fosso delle Vigne Plan: 1) UF_Tr200_0.5h 2) UF_Tr200_1h 3) UF_Tr200_3h 4) UF_Tr200_6h 5) UF_Tr200_2h
River 1 Reach 1
Legend
WS Max WS - UF_Tr200_6h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_2h
Ground
Elevation (m)
438
436
434
432
430
428
426
424
422
0
50
100
150
200
250
Main Channel Distance (m)
2.5
4 VIG-04
5 VIG-05
5.5000*
6 VIG-06
7 VIG-07
7.5000*
8 VIG-08
8.1667*
8.3333*
8.5000*
8.6667*
8.8333*
9 VIG-09
9.3333*
9.6667*
10 VIG-10

ALLEGATI

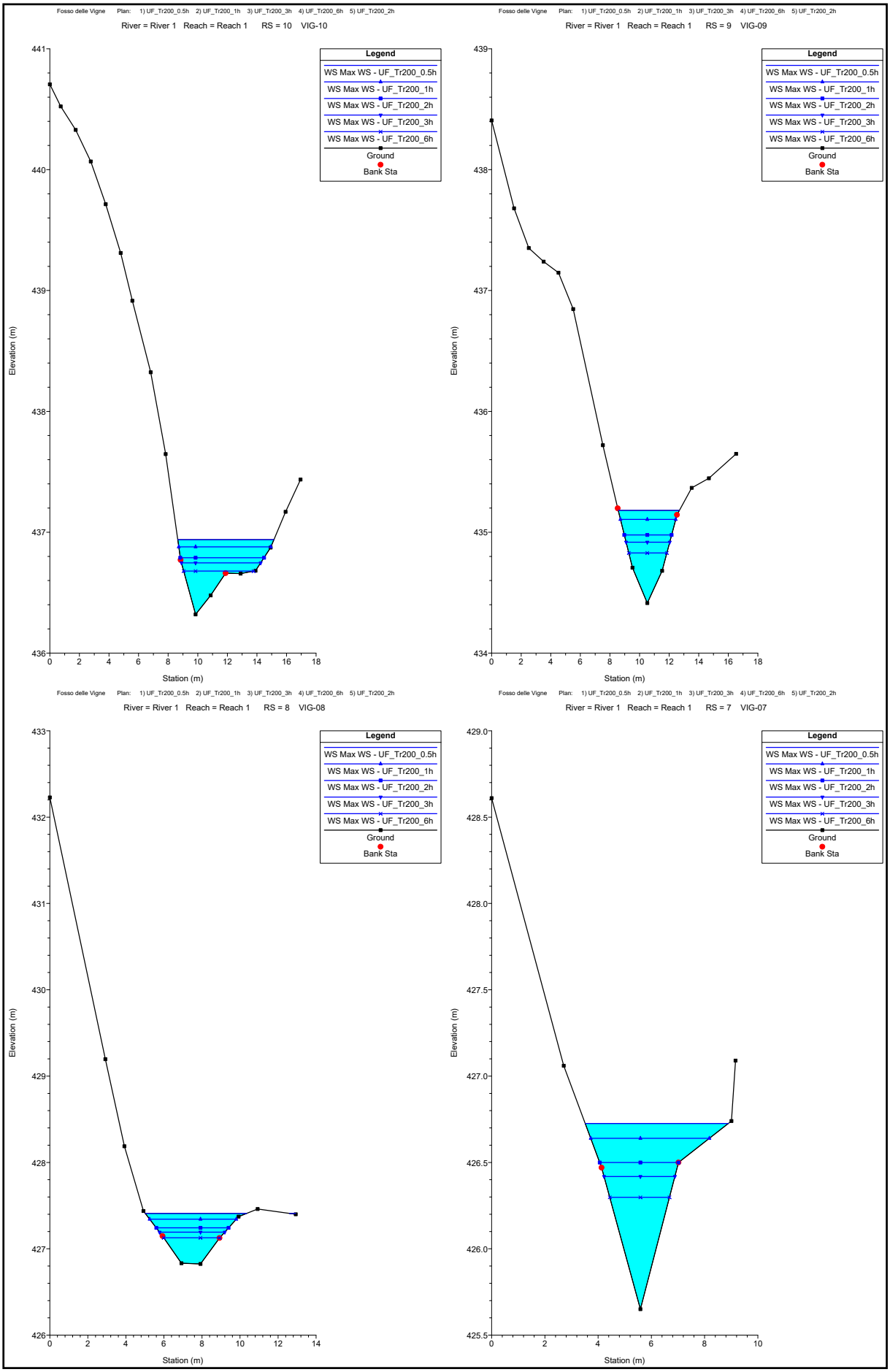
MODELLAZIONE HEC-RAS 5.0.7 "FOSSO DELLE VIGNE"

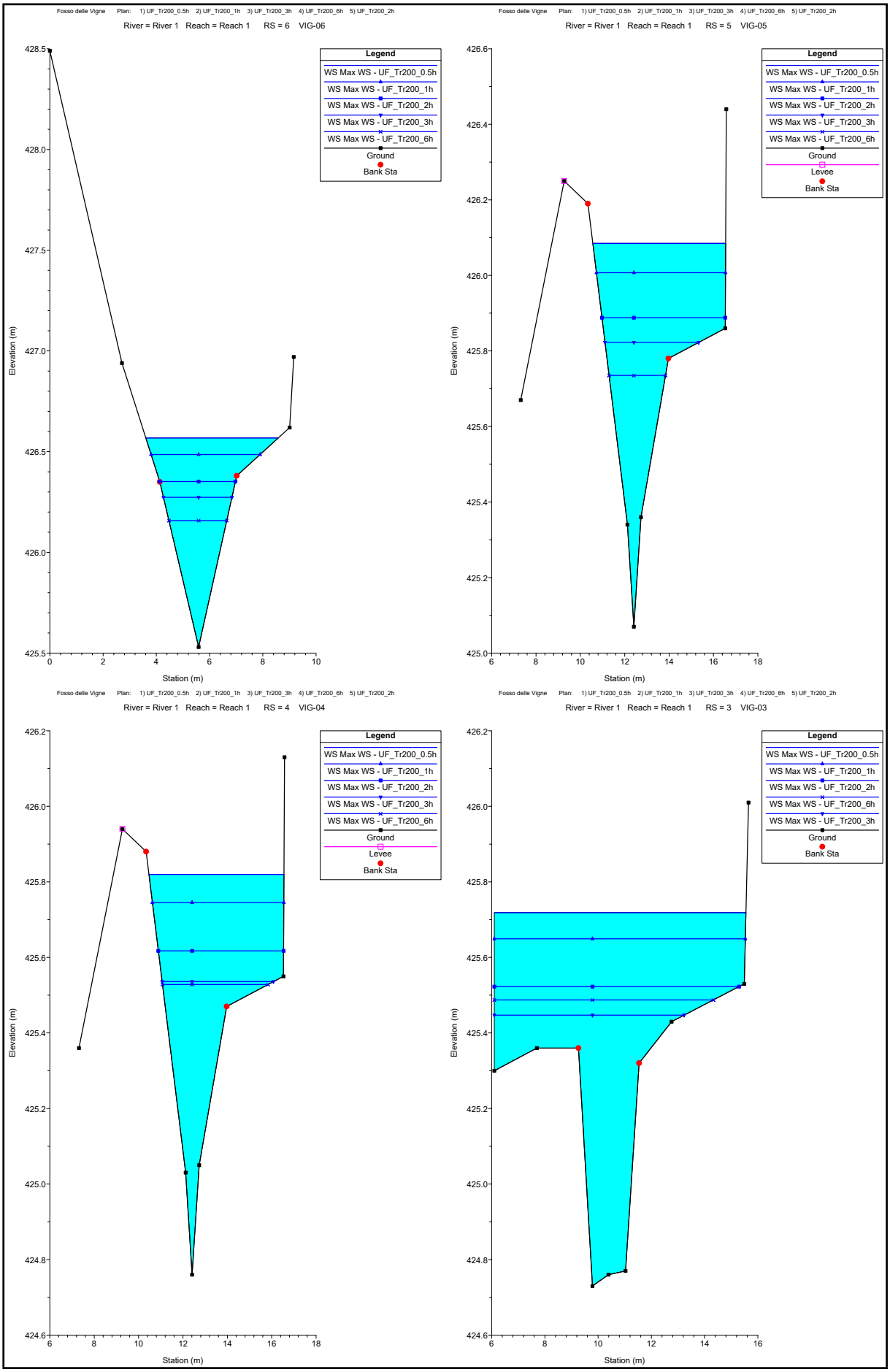
FOSSO DELLE VIGNE

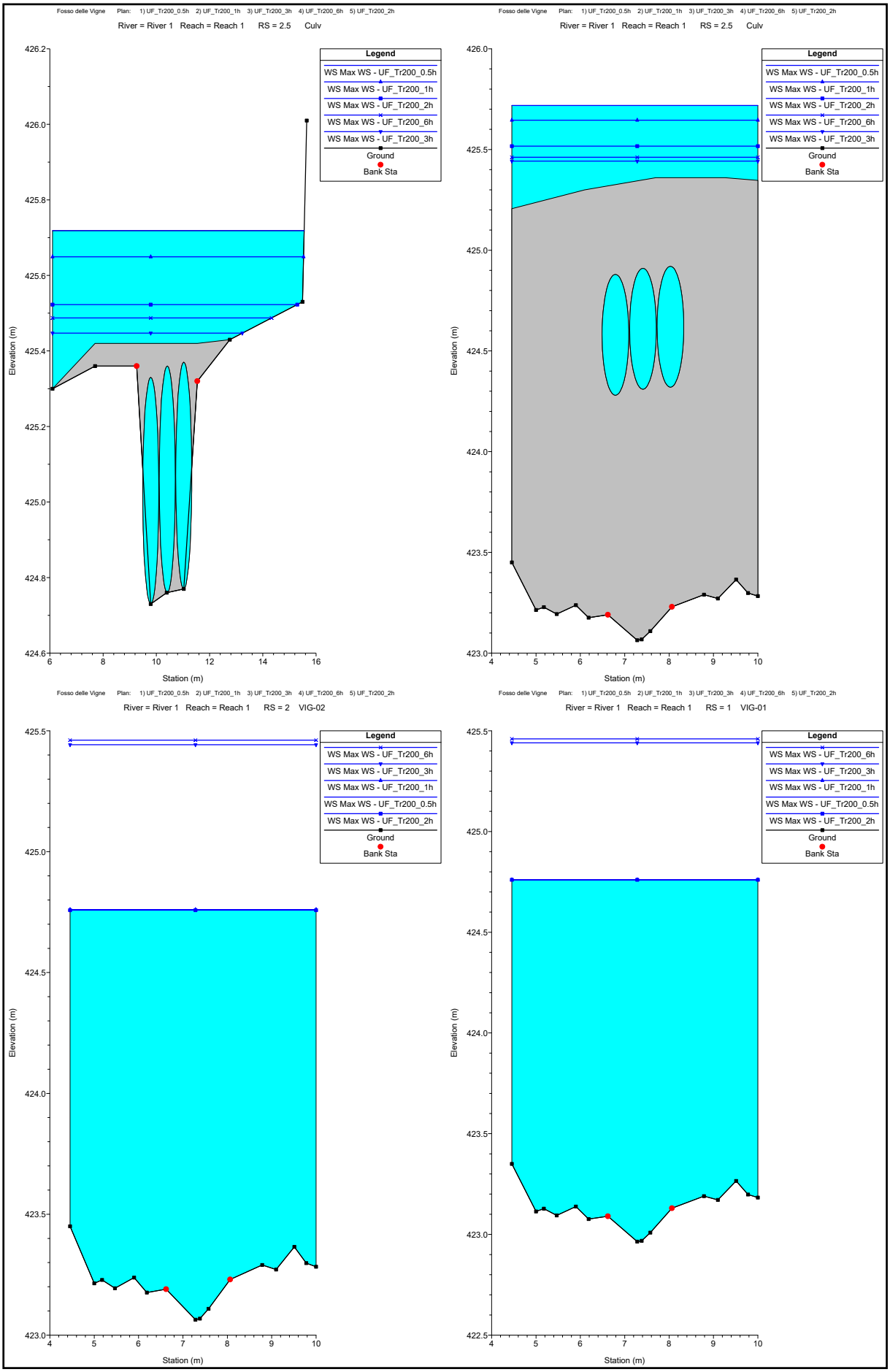
MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 0.5, 1, 2, 3 e 6 h

Sezioni Trasversali (da monte verso valle)


Fosso delle Vigne Plan: 1) UF_Tr200_0.5h 2) UF_Tr200_1h 3) UF_Tr200_3h 4) UF_Tr200_6h 5) UF_Tr200_2h
River = River 1 Reach = Reach 1 RS = 10 VIG-10
Legend
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_6h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso delle Vigne Plan: 1) UF_Tr200_0.5h 2) UF_Tr200_1h 3) UF_Tr200_3h 4) UF_Tr200_6h 5) UF_Tr200_2h
River = River 1 Reach = Reach 1 RS = 9 VIG-09
Legend
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_6h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso delle Vigne Plan: 1) UF_Tr200_0.5h 2) UF_Tr200_1h 3) UF_Tr200_3h 4) UF_Tr200_6h 5) UF_Tr200_2h
River = River 1 Reach = Reach 1 RS = 8 VIG-08
Legend
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_6h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso delle Vigne Plan: 1) UF_Tr200_0.5h 2) UF_Tr200_1h 3) UF_Tr200_3h 4) UF_Tr200_6h 5) UF_Tr200_2h
River = River 1 Reach = Reach 1 RS = 7 VIG-07
Legend
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_6h
Ground
Bank Sta
Elevation (m)
Station (m)


Fosso delle Vigne Plan: 1) UF_Tr200_0.5h 2) UF_Tr200_1h 3) UF_Tr200_3h 4) UF_Tr200_6h 5) UF_Tr200_2h
River = River 1 Reach = Reach 1 RS = 6 VIG-06
Legend
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_6h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso delle Vigne Plan: 1) UF_Tr200_0.5h 2) UF_Tr200_1h 3) UF_Tr200_3h 4) UF_Tr200_6h 5) UF_Tr200_2h
River = River 1 Reach = Reach 1 RS = 5 VIG-05
Legend
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_6h
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Fosso delle Vigne Plan: 1) UF_Tr200_0.5h 2) UF_Tr200_1h 3) UF_Tr200_3h 4) UF_Tr200_6h 5) UF_Tr200_2h
River = River 1 Reach = Reach 1 RS = 4 VIG-04
Legend
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_6h
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Fosso delle Vigne Plan: 1) UF_Tr200_0.5h 2) UF_Tr200_1h 3) UF_Tr200_3h 4) UF_Tr200_6h 5) UF_Tr200_2h
River = River 1 Reach = Reach 1 RS = 3 VIG-03
Legend
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_6h
WS Max WS - UF_Tr200_3h
Ground
Bank Sta
Elevation (m)
Station (m)


Fosso delle Vigne Plan: 1) UF_Tr200_0.5h 2) UF_Tr200_1h 3) UF_Tr200_3h 4) UF_Tr200_6h 5) UF_Tr200_2h
River = River 1 Reach = Reach 1 RS = 2.5 Culv
Legend
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_6h
WS Max WS - UF_Tr200_3h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso delle Vigne Plan: 1) UF_Tr200_0.5h 2) UF_Tr200_1h 3) UF_Tr200_3h 4) UF_Tr200_6h 5) UF_Tr200_2h
River = River 1 Reach = Reach 1 RS = 2.5 Culv
Legend
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_6h
WS Max WS - UF_Tr200_3h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso delle Vigne Plan: 1) UF_Tr200_0.5h 2) UF_Tr200_1h 3) UF_Tr200_3h 4) UF_Tr200_6h 5) UF_Tr200_2h
River = River 1 Reach = Reach 1 RS = 2 VIG-02
Legend
WS Max WS - UF_Tr200_6h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_2h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso delle Vigne Plan: 1) UF_Tr200_0.5h 2) UF_Tr200_1h 3) UF_Tr200_3h 4) UF_Tr200_6h 5) UF_Tr200_2h
River = River 1 Reach = Reach 1 RS = 1 VIG-01
Legend
WS Max WS - UF_Tr200_6h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_2h
Ground
Bank Sta
Elevation (m)
Station (m)

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "FOSSO DELLE VIGNE"

FOSSO DELLE VIGNE

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 0.5, 1, 2, 3 e 6 h

Dati idraulici

HEC-RAS River: River 1 Reach: Reach 1 Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Reach 1	10	Max WS	UF_Tr200_0.5h	6.80	436.32	436.94	437.17	437.72	0.071243	4.25	0.71	1.62	2.06	6.50	2.06
Reach 1	10	Max WS	UF_Tr200_1h	5.20	436.32	436.88	437.07	437.56	0.073154	3.91	0.53	1.41	1.68	6.23	2.04
Reach 1	10	Max WS	UF_Tr200_3h	2.40	436.32	436.75	436.88	437.20	0.078408	3.06		0.82	0.91	5.35	1.97
Reach 1	10	Max WS	UF_Tr200_6h	1.50	436.32	436.68	436.79	437.07	0.090016	2.77		0.31	0.57	4.72	2.03
Reach 1	10	Max WS	UF_Tr200_2h	3.20	436.32	436.79	436.94	437.31	0.077458	3.35	0.17	1.06	1.15	5.66	2.01
Reach 1	9	Max WS	UF_Tr200_0.5h	6.79	434.41	435.18	435.42	435.95	0.060238	3.88		0.28	1.75	4.13	1.86
Reach 1	9	Max WS	UF_Tr200_1h	5.20	434.41	435.11	435.30	435.75	0.059157	3.55			1.46	3.74	1.81
Reach 1	9	Max WS	UF_Tr200_3h	2.40	434.41	434.92	435.05	435.34	0.059043	2.88			0.83	2.94	1.73
Reach 1	9	Max WS	UF_Tr200_6h	1.50	434.41	434.83	434.93	435.16	0.060734	2.55			0.59	2.57	1.70
Reach 1	9	Max WS	UF_Tr200_2h	3.20	434.41	434.98	435.14	435.48	0.060306	3.14			1.02	3.20	1.78
Reach 1	8	Max WS	UF_Tr200_0.5h	6.77	426.82	427.41	427.69	428.40	0.068931	4.50	1.10	1.03	1.73	5.66	2.08
Reach 1	8	Max WS	UF_Tr200_1h	5.20	426.82	427.34	427.60	428.17	0.069031	4.07	0.90	0.98	1.40	4.56	2.03
Reach 1	8	Max WS	UF_Tr200_3h	2.40	426.82	427.19	427.34	427.67	0.070884	3.05	0.34	0.46	0.80	3.43	1.90
Reach 1	8	Max WS	UF_Tr200_6h	1.50	426.82	427.13	427.23	427.46	0.069355	2.53		0.06	0.59	2.95	1.80
Reach 1	8	Max WS	UF_Tr200_2h	3.20	426.82	427.24	427.43	427.83	0.069920	3.40	0.56	0.65	0.98	3.80	1.95
Reach 1	7	Max WS	UF_Tr200_0.5h	6.77	425.65	426.73	426.90	427.32	0.030956	3.45	0.71	0.68	2.19	5.37	1.36
Reach 1	7	Max WS	UF_Tr200_1h	5.20	425.65	426.64	426.79	427.13	0.030210	3.11	0.53	0.49	1.77	4.45	1.31
Reach 1	7	Max WS	UF_Tr200_3h	2.40	425.65	426.42	426.48	426.70	0.029284	2.35			1.02	2.66	1.21
Reach 1	7	Max WS	UF_Tr200_6h	1.50	425.65	426.30	426.33	426.52	0.028463	2.07			0.73	2.24	1.16
Reach 1	7	Max WS	UF_Tr200_2h	3.20	425.65	426.50	426.58	426.83	0.029833	2.56	0.16		1.25	2.96	1.24
Reach 1	6	Max WS	UF_Tr200_0.5h	6.77	425.53	426.57	426.78	427.25	0.038348	3.70	0.71	0.67	2.00	4.97	1.50
Reach 1	6	Max WS	UF_Tr200_1h	5.20	425.53	426.49	426.67	427.04	0.037324	3.32	0.51	0.45	1.62	4.09	1.44
Reach 1	6	Max WS	UF_Tr200_3h	2.40	425.53	426.27	426.36	426.59	0.035013	2.51			0.96	2.57	1.32
Reach 1	6	Max WS	UF_Tr200_6h	1.50	425.53	426.16	426.21	426.40	0.033681	2.20			0.68	2.17	1.25
Reach 1	6	Max WS	UF_Tr200_2h	3.20	425.53	426.35	426.46	426.73	0.036353	2.74			1.17	2.85	1.36
Reach 1	5.99			Lat Struct											
Reach 1	5	Max WS	UF_Tr200_0.5h	6.76	425.07	426.08	426.25	426.60	0.039619	3.36		1.30	2.43	5.99	1.49
Reach 1	5	Max WS	UF_Tr200_1h	5.20	425.07	426.01	426.15	426.47	0.040219	3.14		1.05	1.97	5.82	1.48
Reach 1	5	Max WS	UF_Tr200_3h	2.40	425.07	425.82	425.94	426.16	0.042972	2.57		0.27	0.96	4.23	1.44
Reach 1	5	Max WS	UF_Tr200_6h	1.50	425.07	425.74	425.81	425.98	0.039225	2.17			0.69	2.55	1.33
Reach 1	5	Max WS	UF_Tr200_2h	3.20	425.07	425.89	426.01	426.27	0.041227	2.77		0.56	1.30	5.56	1.44
Reach 1	4	Max WS	UF_Tr200_0.5h	6.76	424.76	425.82	425.94	426.23	0.029871	3.03		1.24	2.70	6.09	1.31
Reach 1	4	Max WS	UF_Tr200_1h	5.20	424.76	425.75	425.84	426.10	0.028485	2.77		1.02	2.26	5.92	1.26
Reach 1	4	Max WS	UF_Tr200_3h	2.40	424.76	425.54	425.63	425.82	0.034452	2.38		0.32	1.07	5.02	1.30
Reach 1	4	Max WS	UF_Tr200_6h	1.50	424.76	425.53	425.49	425.65	0.014466	1.53		0.19	1.03	4.76	0.84
Reach 1	4	Max WS	UF_Tr200_2h	3.20	424.76	425.62	425.70	425.91	0.029008	2.44		0.63	1.52	5.65	1.23
Reach 1	3	Max WS	UF_Tr200_0.5h	6.35	424.73	425.72		425.94	0.011868	2.39	0.87	0.74	4.15	9.45	0.84
Reach 1	3	Max WS	UF_Tr200_1h	4.94	424.73	425.65		425.84	0.010938	2.17	0.74	0.59	3.50	9.43	0.79
Reach 1	3	Max WS	UF_Tr200_3h	0.29	424.73	425.45		425.45	0.000164	0.22	0.05	0.03	1.69	7.13	0.09
Reach 1	3	Max WS	UF_Tr200_6h	1.46	424.73	425.49		425.53	0.002996	0.97	0.24	0.15	2.00	8.23	0.40
Reach 1	3	Max WS	UF_Tr200_2h	3.12	424.73	425.52		425.68	0.010613	1.89	0.52	0.32	2.31	9.19	0.76
Reach 1	2.5			Culvert											
Reach 1	2	Max WS	UF_Tr200_0.5h	0.30	423.06	424.76		424.76	0.000003	0.06	0.03	0.02	8.50	5.54	0.02
Reach 1	2	Max WS	UF_Tr200_1h	0.30	423.06	424.76		424.76	0.000003	0.06	0.03	0.02	8.50	5.54	0.02
Reach 1	2	Max WS	UF_Tr200_3h	0.29	423.06	425.44		425.44	0.000001	0.04	0.02	0.01	12.28	5.54	0.01
Reach 1	2	Max WS	UF_Tr200_6h	0.53	423.06	425.46		425.46	0.000003	0.08	0.03	0.03	12.38	5.54	0.02
Reach 1	2	Max WS	UF_Tr200_2h	1.11	423.06	424.76		424.76	0.000036	0.23	0.10	0.09	8.48	5.54	0.06
Reach 1	1	Max WS	UF_Tr200_0.5h	-0.58	422.96	424.76	423.24	424.76	0.000008	-0.11	-0.05	-0.04	9.05	5.54	0.03
Reach 1	1	Max WS	UF_Tr200_1h	-0.58	422.96	424.76	423.24	424.76	0.000008	-0.11	-0.05	-0.04	9.05	5.54	0.03
Reach 1	1	Max WS	UF_Tr200_3h	-1.72	422.96	425.44	423.39	425.44	0.000025	-0.25	-0.09	-0.09	12.82	5.54	0.05
Reach 1	1	Max WS	UF_Tr200_6h	-0.58	422.96	425.46	423.24	425.46	0.000003	-0.09	-0.03	-0.03	12.93	5.54	0.02
Reach 1	1	Max WS	UF_Tr200_2h	0.24	422.96	424.76	423.17	424.76	0.000001	0.05	0.02	0.02	9.05	5.54	0.01

ALLEGATI

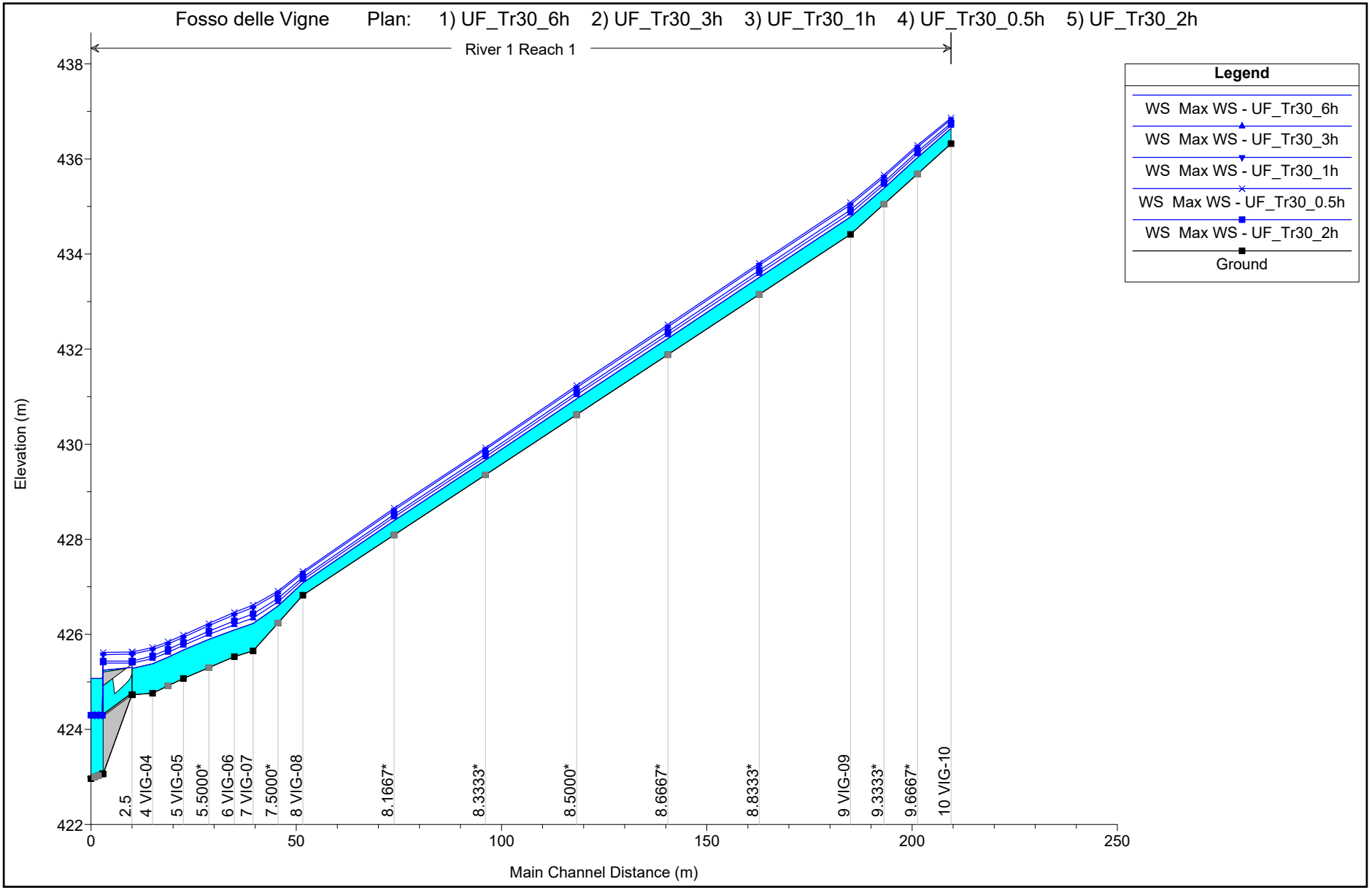
MODELLAZIONE HEC-RAS 5.0.7 "FOSSO DELLE VIGNE"

FOSSO DELLE VIGNE

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 0.5, 1, 2, 3 e 6 h

Profilo longitudinale


Fosso delle Vigne Plan: 1) UF_Tr30_6h 2) UF_Tr30_3h 3) UF_Tr30_1h 4) UF_Tr30_0.5h 5) UF_Tr30_2h
River 1 Reach 1
Legend
WS Max WS - UF_Tr30_6h
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_0.5h
WS Max WS - UF_Tr30_2h
Ground
Elevation (m)
438
436
434
432
430
428
426
424
422
0
50
100
150
200
250
Main Channel Distance (m)
2.5
4 VIG-04
5 VIG-05
5.5000*
6 VIG-06
7 VIG-07
7.5000*
8 VIG-08
8.1667*
8.3333*
8.5000*
8.6667*
8.8333*
9 VIG-09
9.3333*
9.6667*
10 VIG-10

ALLEGATI

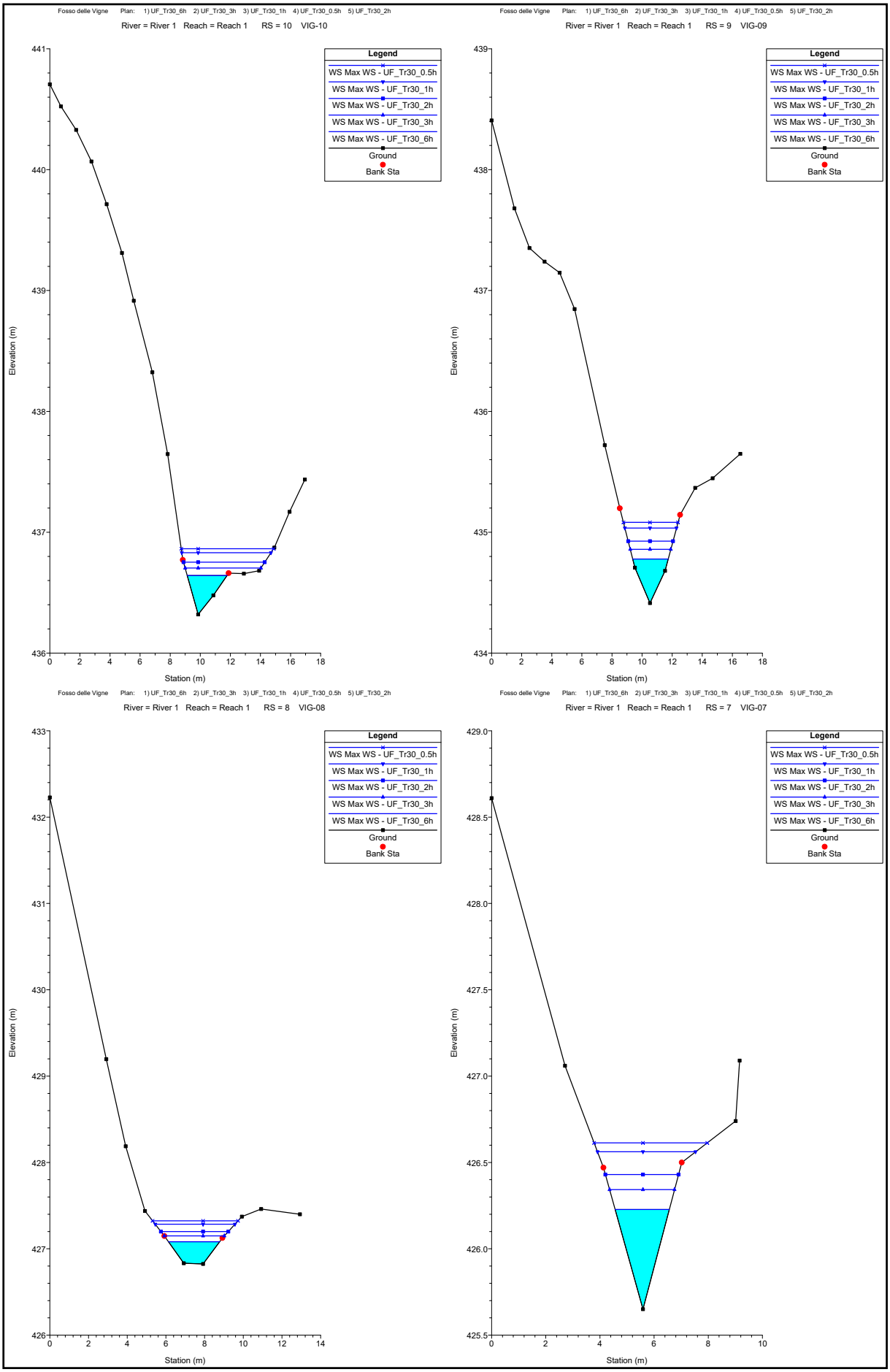
MODELLAZIONE HEC-RAS 5.0.7 "FOSSO DELLE VIGNE"

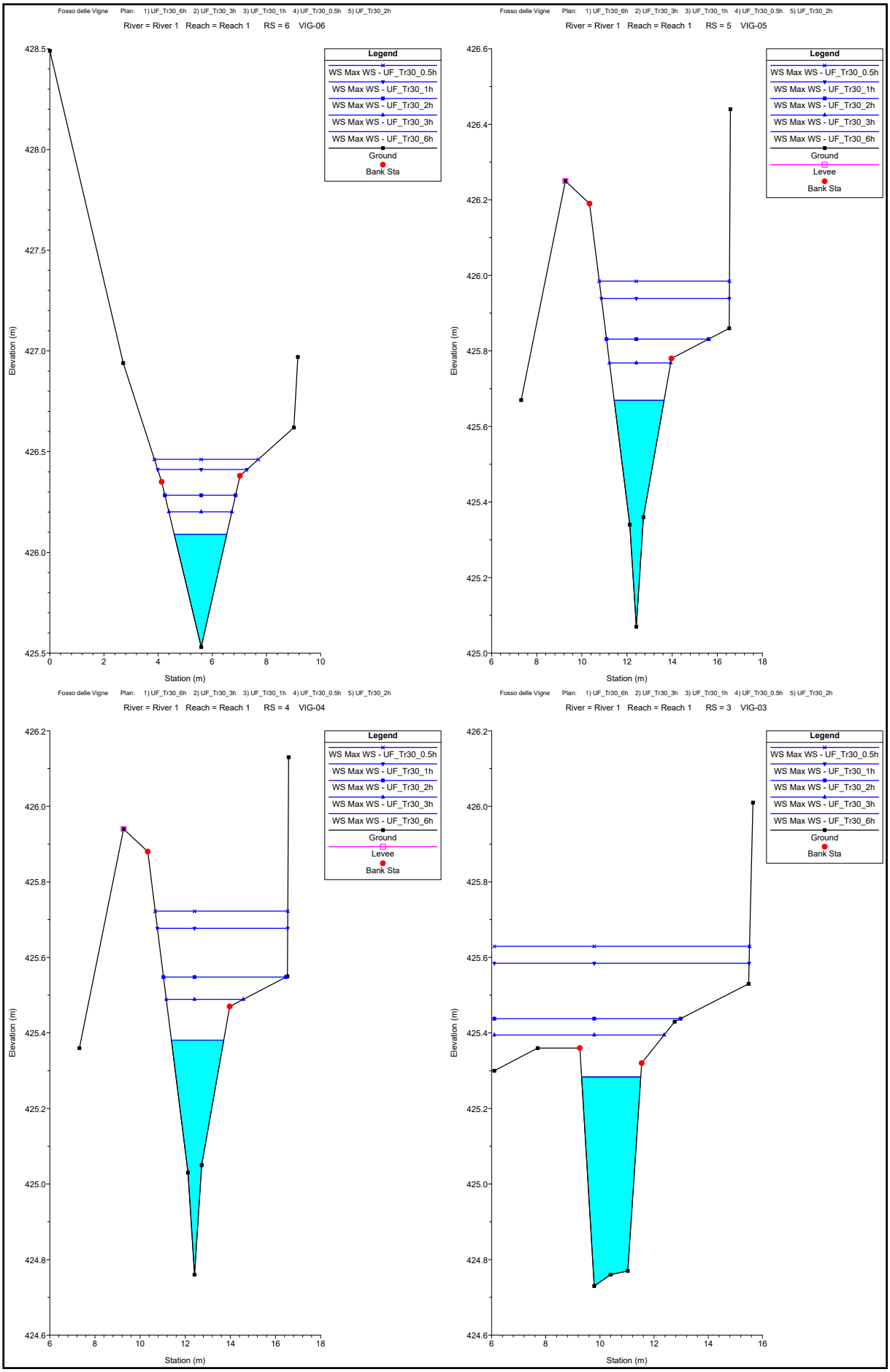
FOSSO DELLE VIGNE

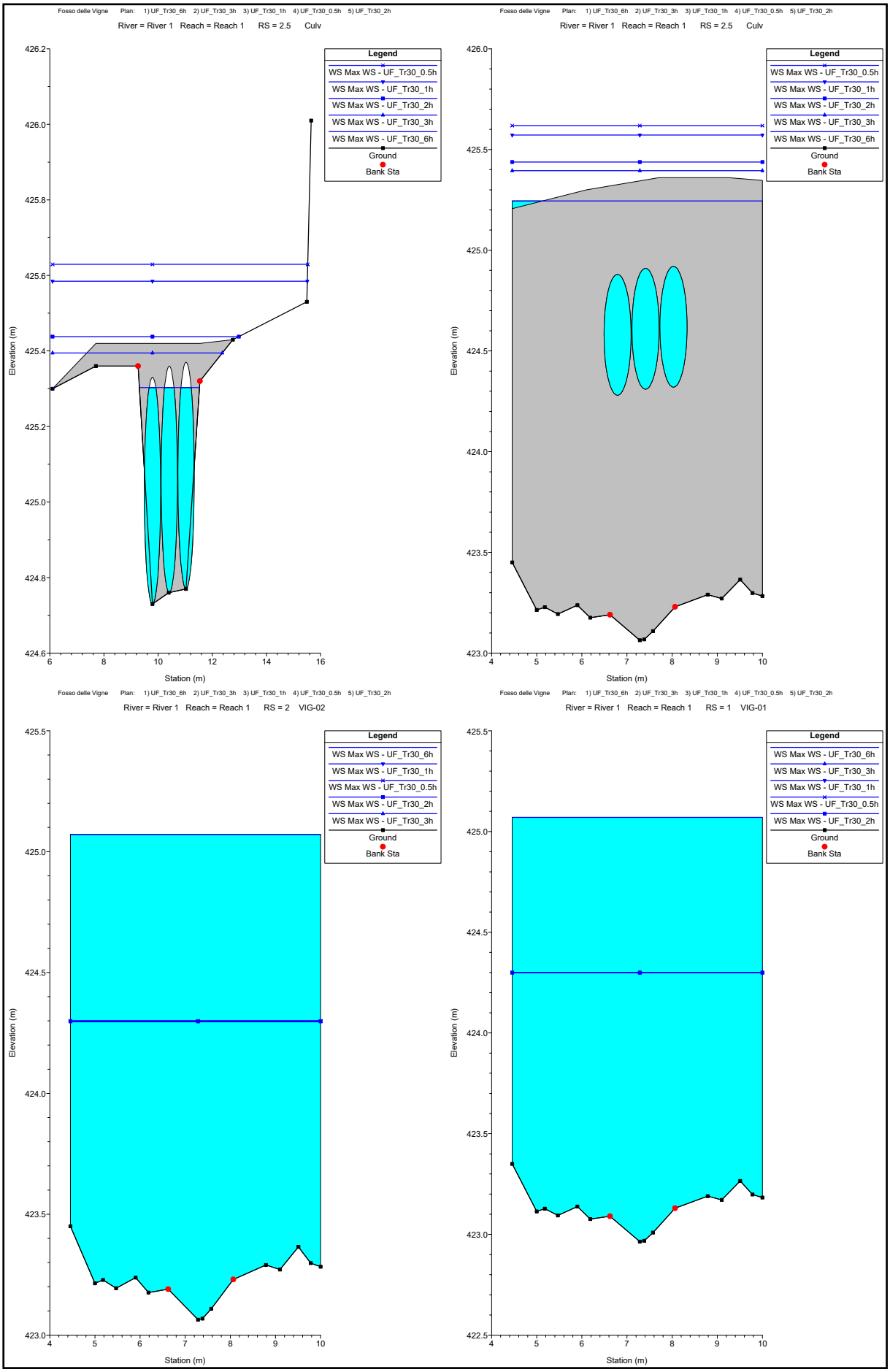
MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 0.5, 1, 2, 3 e 6 h

Sezioni Trasversali (da monte verso valle)


Fosso delle Vigne Plan: 1) UF_Tr30_6h 2) UF_Tr30_3h 3) UF_Tr30_1h 4) UF_Tr30_0.5h 5) UF_Tr30_2h
River = River 1 Reach = Reach 1 RS = 10 VIG-10
Legend
WS Max WS - UF_Tr30_0.5h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_6h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso delle Vigne Plan: 1) UF_Tr30_6h 2) UF_Tr30_3h 3) UF_Tr30_1h 4) UF_Tr30_0.5h 5) UF_Tr30_2h
River = River 1 Reach = Reach 1 RS = 9 VIG-09
Legend
WS Max WS - UF_Tr30_0.5h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_6h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso delle Vigne Plan: 1) UF_Tr30_6h 2) UF_Tr30_3h 3) UF_Tr30_1h 4) UF_Tr30_0.5h 5) UF_Tr30_2h
River = River 1 Reach = Reach 1 RS = 8 VIG-08
Legend
WS Max WS - UF_Tr30_0.5h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_6h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso delle Vigne Plan: 1) UF_Tr30_6h 2) UF_Tr30_3h 3) UF_Tr30_1h 4) UF_Tr30_0.5h 5) UF_Tr30_2h
River = River 1 Reach = Reach 1 RS = 7 VIG-07
Legend
WS Max WS - UF_Tr30_0.5h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_6h
Ground
Bank Sta
Elevation (m)
Station (m)


Fosso delle Vigne Plan: 1) UF_Tr30_6h 2) UF_Tr30_3h 3) UF_Tr30_1h 4) UF_Tr30_0.5h 5) UF_Tr30_2h
River = River 1 Reach = Reach 1 RS = 6 VIG-06
Legend
WS Max WS - UF_Tr30_0.5h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_6h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso delle Vigne Plan: 1) UF_Tr30_6h 2) UF_Tr30_3h 3) UF_Tr30_1h 4) UF_Tr30_0.5h 5) UF_Tr30_2h
River = River 1 Reach = Reach 1 RS = 5 VIG-05
Legend
WS Max WS - UF_Tr30_0.5h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_6h
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Fosso delle Vigne Plan: 1) UF_Tr30_6h 2) UF_Tr30_3h 3) UF_Tr30_1h 4) UF_Tr30_0.5h 5) UF_Tr30_2h
River = River 1 Reach = Reach 1 RS = 4 VIG-04
Legend
WS Max WS - UF_Tr30_0.5h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_6h
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Fosso delle Vigne Plan: 1) UF_Tr30_6h 2) UF_Tr30_3h 3) UF_Tr30_1h 4) UF_Tr30_0.5h 5) UF_Tr30_2h
River = River 1 Reach = Reach 1 RS = 3 VIG-03
Legend
WS Max WS - UF_Tr30_0.5h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_6h
Ground
Bank Sta
Elevation (m)
Station (m)


Fosso delle Vigne Plan: 1) UF_Tr30_6h 2) UF_Tr30_3h 3) UF_Tr30_1h 4) UF_Tr30_0.5h 5) UF_Tr30_2h
River = River 1 Reach = Reach 1 RS = 2.5 Culv
Legend
WS Max WS - UF_Tr30_0.5h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_6h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso delle Vigne Plan: 1) UF_Tr30_6h 2) UF_Tr30_3h 3) UF_Tr30_1h 4) UF_Tr30_0.5h 5) UF_Tr30_2h
River = River 1 Reach = Reach 1 RS = 2.5 Culv
Legend
WS Max WS - UF_Tr30_0.5h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_6h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso delle Vigne Plan: 1) UF_Tr30_6h 2) UF_Tr30_3h 3) UF_Tr30_1h 4) UF_Tr30_0.5h 5) UF_Tr30_2h
River = River 1 Reach = Reach 1 RS = 2 VIG-02
Legend
WS Max WS - UF_Tr30_6h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_0.5h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_3h
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso delle Vigne Plan: 1) UF_Tr30_6h 2) UF_Tr30_3h 3) UF_Tr30_1h 4) UF_Tr30_0.5h 5) UF_Tr30_2h
River = River 1 Reach = Reach 1 RS = 1 VIG-01
Legend
WS Max WS - UF_Tr30_6h
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_0.5h
WS Max WS - UF_Tr30_2h
Ground
Bank Sta
Elevation (m)
Station (m)

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "FOSSO DELLE VIGNE"

FOSSO DELLE VIGNE

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 0.5, 1, 2, 3 e 6 h

Dati idraulici

HEC-RAS River: River 1 Reach: Reach 1 Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Reach 1	10	Max WS	UF_Tr30_6h	1.10	436.32	436.64	436.75	436.96	0.088843	2.51			0.44	2.65	1.97
Reach 1	10	Max WS	UF_Tr30_3h	1.80	436.32	436.70	436.82	437.11	0.083905	2.87		0.55	0.69	5.04	1.99
Reach 1	10	Max WS	UF_Tr30_1h	4.00	436.32	436.83	437.00	437.41	0.072559	3.55	0.36	1.21	1.39	5.93	1.99
Reach 1	10	Max WS	UF_Tr30_0.5h	4.80	436.32	436.86	437.05	437.51	0.072958	3.79	0.48	1.34	1.59	6.14	2.02
Reach 1	10	Max WS	UF_Tr30_2h	2.50	436.32	436.75	436.89	437.21	0.078757	3.11		0.86	0.94	5.39	1.98
Reach 1	9	Max WS	UF_Tr30_6h	1.10	434.41	434.78	434.87	435.06	0.063669	2.37			0.47	2.36	1.70
Reach 1	9	Max WS	UF_Tr30_3h	1.80	434.41	434.86	434.97	435.23	0.062004	2.70			0.67	2.69	1.74
Reach 1	9	Max WS	UF_Tr30_1h	4.00	434.41	435.04	435.21	435.59	0.059012	3.31			1.21	3.44	1.78
Reach 1	9	Max WS	UF_Tr30_0.5h	4.79	434.41	435.08	435.27	435.70	0.059698	3.49			1.37	3.63	1.81
Reach 1	9	Max WS	UF_Tr30_2h	2.50	434.41	434.93	435.06	435.36	0.059163	2.91			0.86	2.98	1.73
Reach 1	8	Max WS	UF_Tr30_6h	1.10	426.82	427.08	427.17	427.37	0.073483	2.38			0.46	2.65	1.81
Reach 1	8	Max WS	UF_Tr30_3h	1.80	426.82	427.15	427.27	427.53	0.073516	2.75		0.23	0.66	3.10	1.88
Reach 1	8	Max WS	UF_Tr30_1h	4.00	426.82	427.29	427.53	427.97	0.069721	3.70	0.72	0.80	1.15	4.12	1.99
Reach 1	8	Max WS	UF_Tr30_0.5h	4.78	426.82	427.32	427.58	428.10	0.069212	3.95	0.84	0.92	1.31	4.41	2.01
Reach 1	8	Max WS	UF_Tr30_2h	2.50	426.82	427.20	427.35	427.69	0.070337	3.09	0.38	0.48	0.82	3.48	1.90
Reach 1	7	Max WS	UF_Tr30_6h	1.10	425.65	426.23	426.25	426.41	0.028280	1.91			0.58	2.00	1.13
Reach 1	7	Max WS	UF_Tr30_3h	1.80	425.65	426.34	426.39	426.58	0.028694	2.17			0.83	2.40	1.18
Reach 1	7	Max WS	UF_Tr30_1h	4.00	425.65	426.56	426.66	426.96	0.029607	2.79	0.35	0.28	1.45	3.62	1.27
Reach 1	7	Max WS	UF_Tr30_0.5h	4.77	425.65	426.61	426.75	427.07	0.029986	3.00	0.47	0.42	1.66	4.18	1.30
Reach 1	7	Max WS	UF_Tr30_2h	2.50	425.65	426.43	426.49	426.72	0.029411	2.38			1.05	2.70	1.21
Reach 1	6	Max WS	UF_Tr30_6h	1.10	425.53	426.09	426.13	426.30	0.033198	2.02			0.54	1.94	1.22
Reach 1	6	Max WS	UF_Tr30_3h	1.80	425.53	426.20	426.27	426.47	0.033828	2.31			0.78	2.33	1.27
Reach 1	6	Max WS	UF_Tr30_1h	4.00	425.53	426.41	426.54	426.86	0.036725	2.98	0.30	0.20	1.35	3.30	1.40
Reach 1	6	Max WS	UF_Tr30_0.5h	4.77	425.53	426.46	426.63	426.98	0.036802	3.20	0.44	0.38	1.53	3.84	1.42
Reach 1	6	Max WS	UF_Tr30_2h	2.50	425.53	426.28	426.37	426.61	0.035219	2.54			0.98	2.61	1.32
Reach 1	5.99			Lat Struct											
Reach 1	5	Max WS	UF_Tr30_6h	1.10	425.07	425.67	425.72	425.89	0.041706	2.06			0.53	2.21	1.34
Reach 1	5	Max WS	UF_Tr30_3h	1.80	425.07	425.77	425.86	426.04	0.041169	2.31			0.78	2.71	1.38
Reach 1	5	Max WS	UF_Tr30_1h	4.00	425.07	425.94	426.07	426.35	0.040850	2.93		0.80	1.58	5.67	1.46
Reach 1	5	Max WS	UF_Tr30_0.5h	4.77	425.07	425.98	426.12	426.43	0.040192	3.07		0.97	1.85	5.77	1.47
Reach 1	5	Max WS	UF_Tr30_2h	2.50	425.07	425.83	425.95	426.17	0.042844	2.60		0.30	1.00	4.53	1.44
Reach 1	4	Max WS	UF_Tr30_6h	1.10	424.76	425.38	425.42	425.56	0.033039	1.88			0.58	2.32	1.20
Reach 1	4	Max WS	UF_Tr30_3h	1.80	424.76	425.49	425.55	425.71	0.030531	2.08		0.13	0.87	3.42	1.20
Reach 1	4	Max WS	UF_Tr30_1h	4.00	424.76	425.68	425.76	425.98	0.027720	2.55		0.82	1.86	5.78	1.22
Reach 1	4	Max WS	UF_Tr30_0.5h	4.77	424.76	425.72	425.81	426.06	0.028111	2.69		0.95	2.12	5.88	1.24
Reach 1	4	Max WS	UF_Tr30_2h	2.50	424.76	425.55	425.64	425.83	0.033329	2.39		0.35	1.13	5.44	1.28
Reach 1	3	Max WS	UF_Tr30_6h	1.10	424.73	425.28		425.36	0.007608	1.21			0.91	2.18	0.60
Reach 1	3	Max WS	UF_Tr30_3h	1.79	424.73	425.39		425.51	0.009228	1.52	0.21	0.18	1.35	6.27	0.68
Reach 1	3	Max WS	UF_Tr30_1h	3.85	424.73	425.58		425.75	0.010247	1.98	0.61	0.44	2.89	9.41	0.76
Reach 1	3	Max WS	UF_Tr30_0.5h	4.55	424.73	425.63		425.81	0.010560	2.09	0.69	0.54	3.31	9.42	0.78
Reach 1	3	Max WS	UF_Tr30_2h	2.48	424.73	425.44		425.61	0.012589	1.87	0.37	0.27	1.63	6.88	0.81
Reach 1	2.5			Culvert											
Reach 1	2	Max WS	UF_Tr30_6h	0.43	423.06	425.07		425.07	0.000003	0.08	0.03	0.03	10.22	5.54	0.02
Reach 1	2	Max WS	UF_Tr30_3h	1.79	423.06	424.30		424.30	0.000274	0.52	0.23	0.21	5.92	5.54	0.15
Reach 1	2	Max WS	UF_Tr30_1h	0.20	423.06	424.30		424.30	0.000003	0.06	0.03	0.02	5.94	5.54	0.02
Reach 1	2	Max WS	UF_Tr30_0.5h	0.20	423.06	424.30		424.30	0.000003	0.06	0.03	0.02	5.94	5.54	0.02
Reach 1	2	Max WS	UF_Tr30_2h	0.89	423.06	424.30		424.30	0.000067	0.26	0.11	0.10	5.93	5.54	0.08
Reach 1	1	Max WS	UF_Tr30_6h	-0.93	422.96	425.07	423.30	425.07	0.000012	-0.16	-0.06	-0.06	10.77	5.54	0.04
Reach 1	1	Max WS	UF_Tr30_3h	1.47	422.96	424.30	423.36	424.30	0.000139	0.39	0.17	0.15	6.50	5.54	0.11
Reach 1	1	Max WS	UF_Tr30_1h	-0.13	422.96	424.30	423.13	424.30	0.000001	-0.03	-0.01	-0.01	6.50	5.54	0.01
Reach 1	1	Max WS	UF_Tr30_0.5h	-0.13	422.96	424.30	423.13	424.30	0.000001	-0.03	-0.01	-0.01	6.50	5.54	0.01
Reach 1	1	Max WS	UF_Tr30_2h	0.57	422.96	424.30	423.24	424.30	0.000021	0.15	0.07	0.06	6.50	5.54	0.04

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "RIGNANO SINGOLO"

RIGNANO

MODELLAZIONE PER TR=30 e 200 ANNI

DURATA DI PIOGGIA: 1, 3 e 6 h

Profilo longitudinale

Sezioni Trasversali

Dati idraulici

ALLEGATI

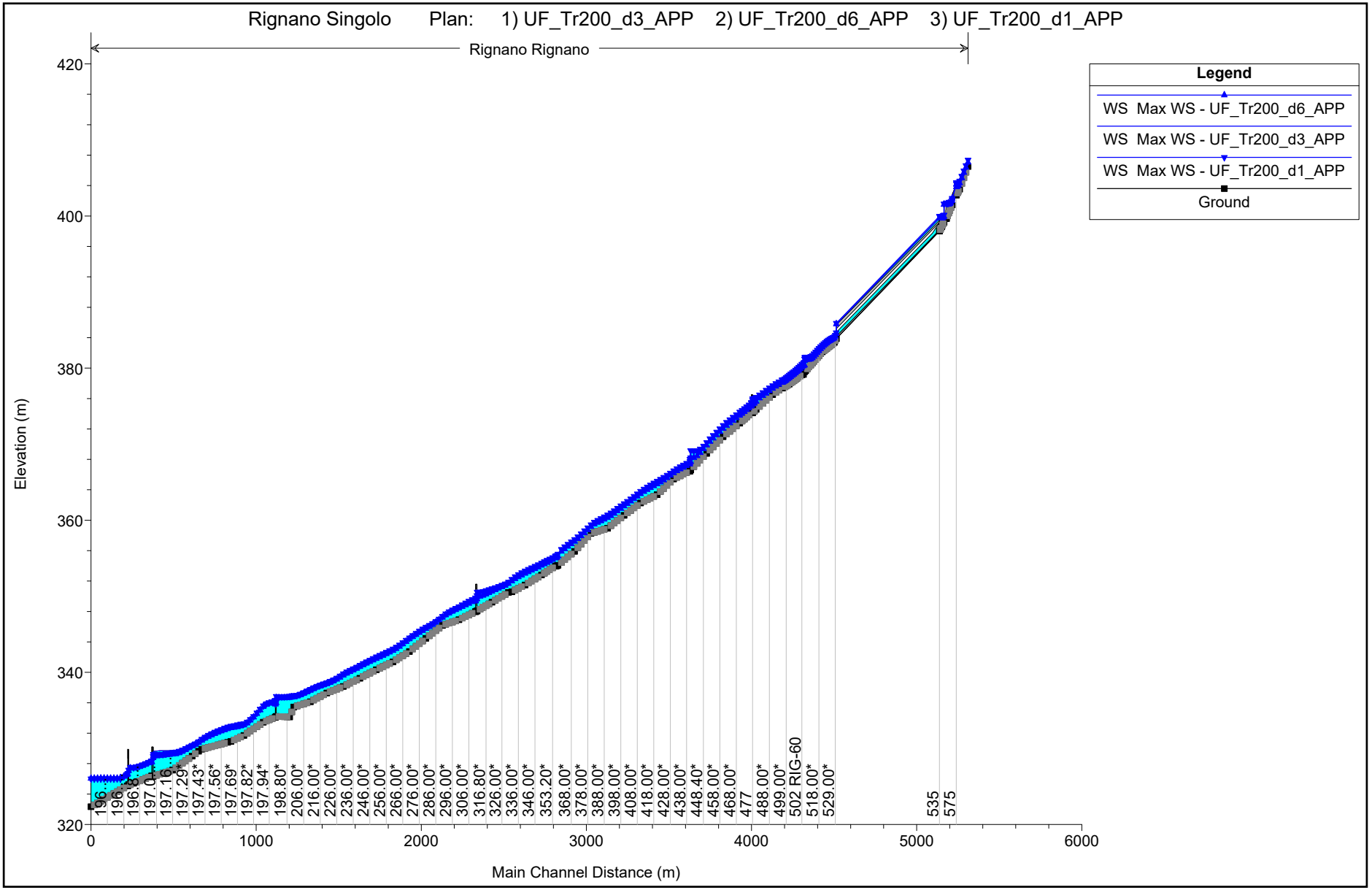
MODELLAZIONE HEC-RAS 5.0.7 "RIGNANO SINGOLO"

RIGNANO

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 1, 3 e 6 h

Profilo longitudinale


Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
Rignano Rignano
Legend
WS Max WS - UF_Tr200_d6_APP
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d1_APP
Ground
Elevation (m)
Main Channel Distance (m)
420
400
380
360
340
320
0
1000
2000
3000
4000
5000
6000
196.
196.68*
197.0
197.16*
197.29*
197.43*
197.56*
197.69*
197.82*
197.94*
198.80*
206.00*
216.00*
226.00*
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418.00*
428.00*
438.00*
448.40*
458.00*
468.00*
477
488.00*
499.00*
502 RIG-60
518.00*
529.00*
535
575

ALLEGATI

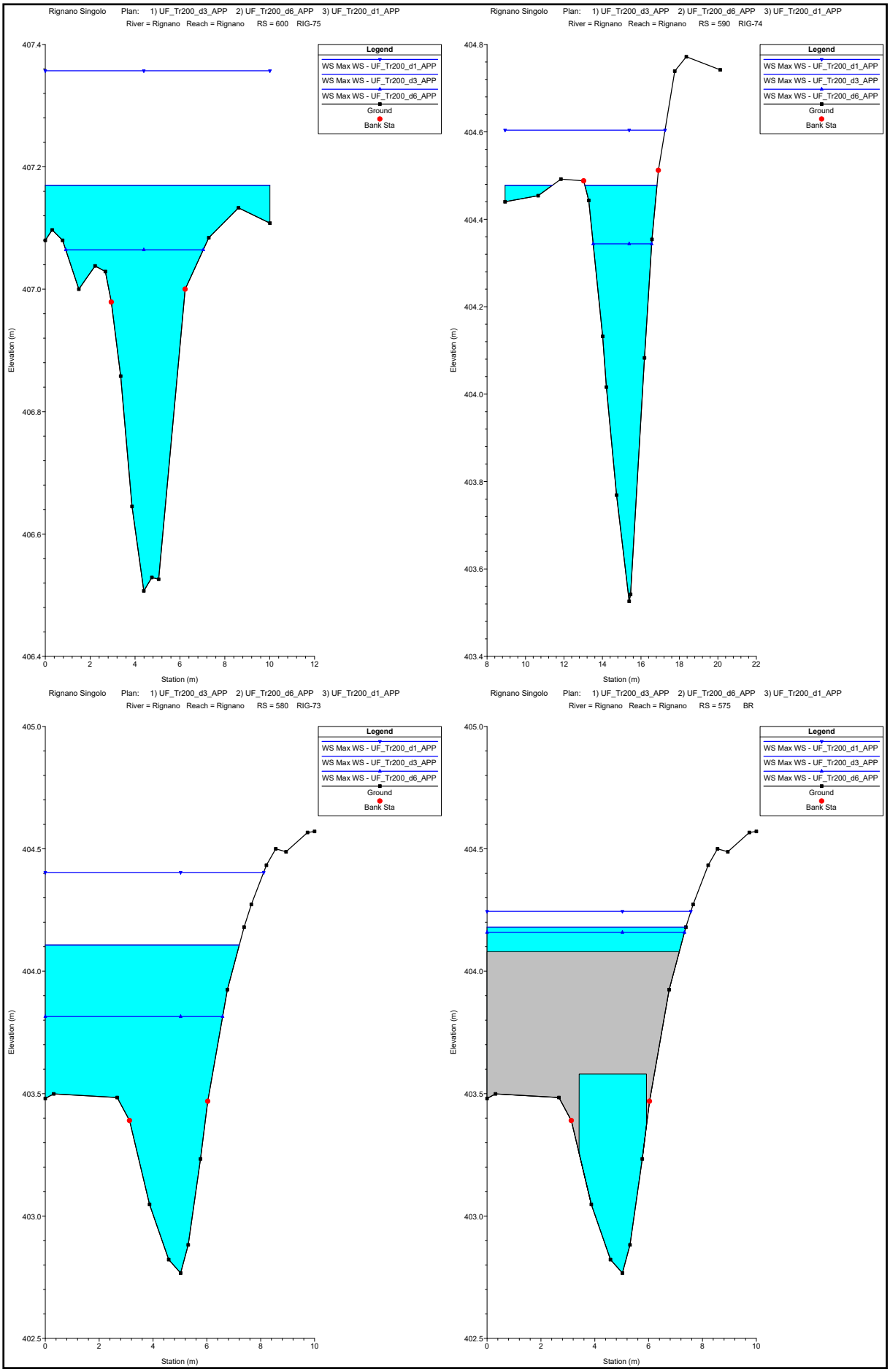
MODELLAZIONE HEC-RAS 5.0.7 "RIGNANO SINGOLO"

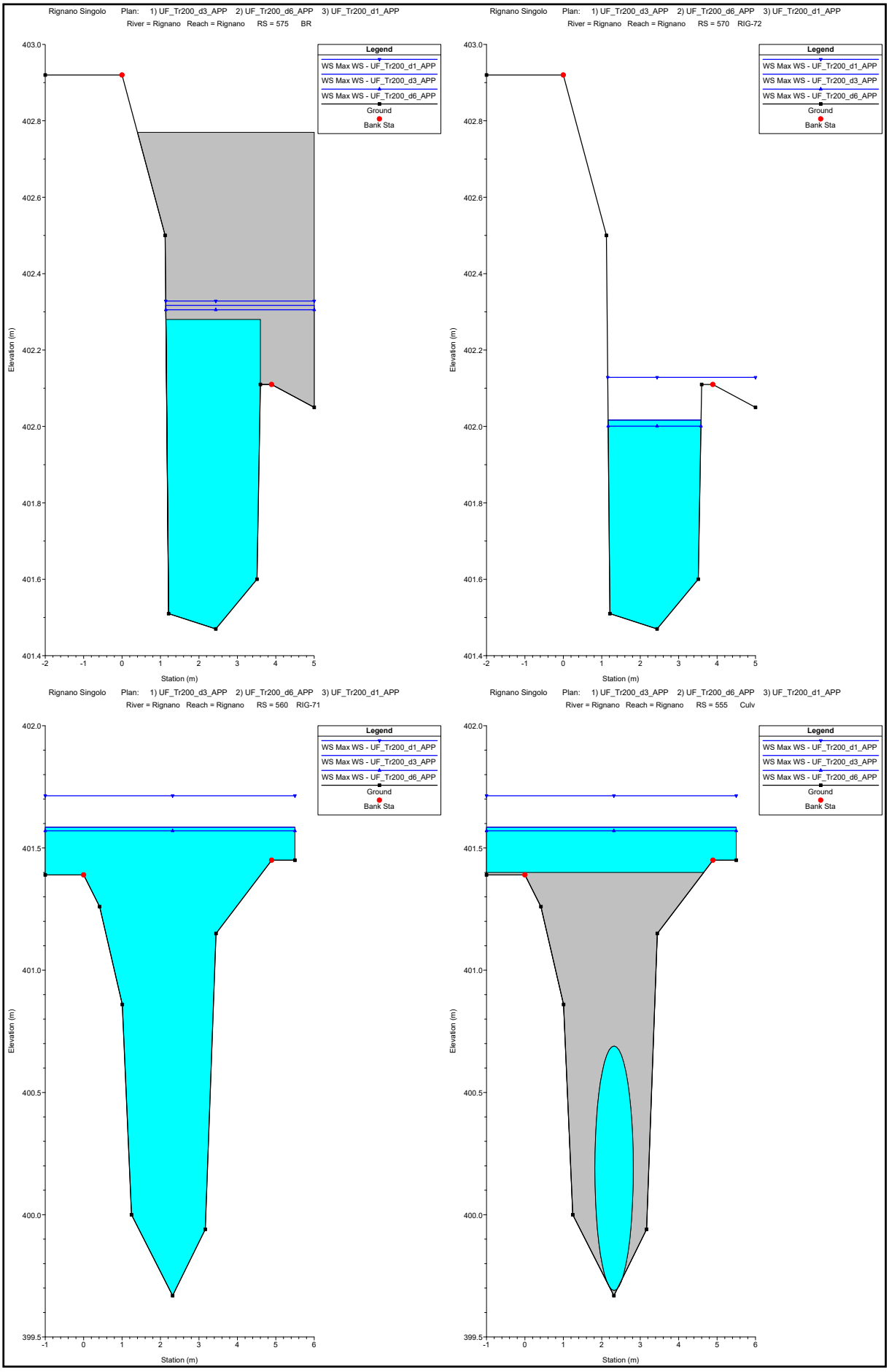
RIGNANO

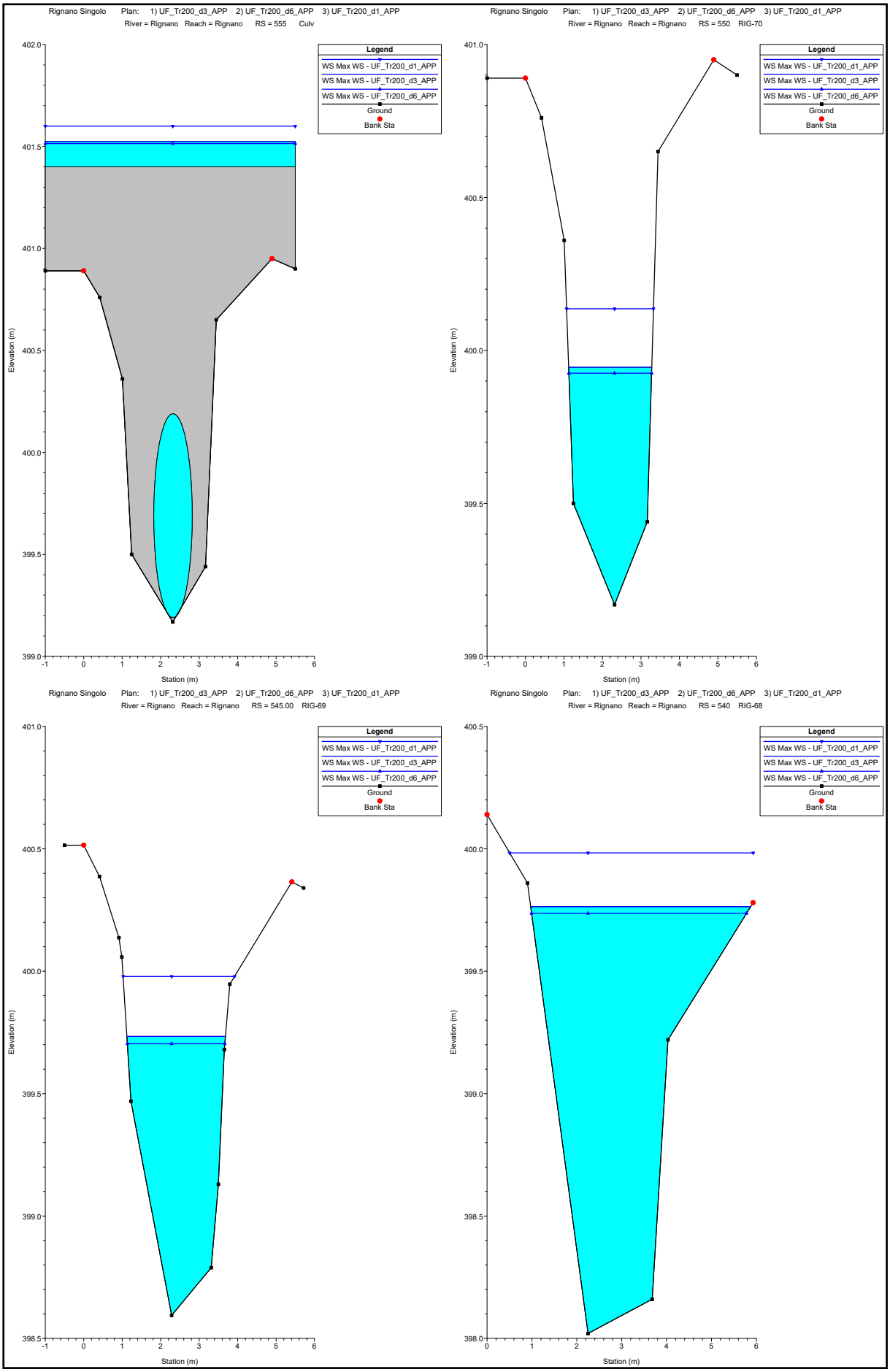
MODELLAZIONE PER TR= 200 anni

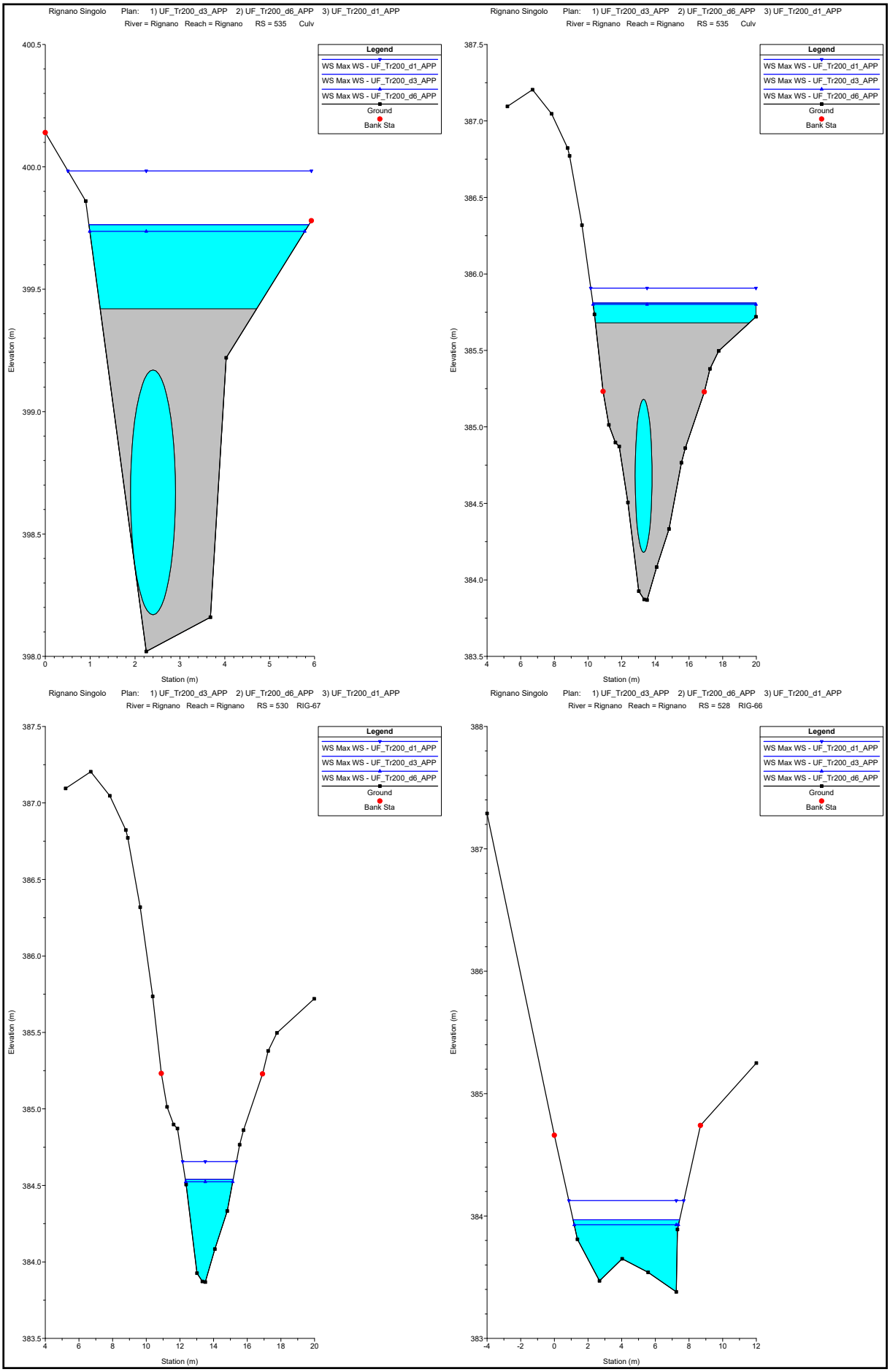
DURATE DI PIOGGIA: 1, 3 e 6 h

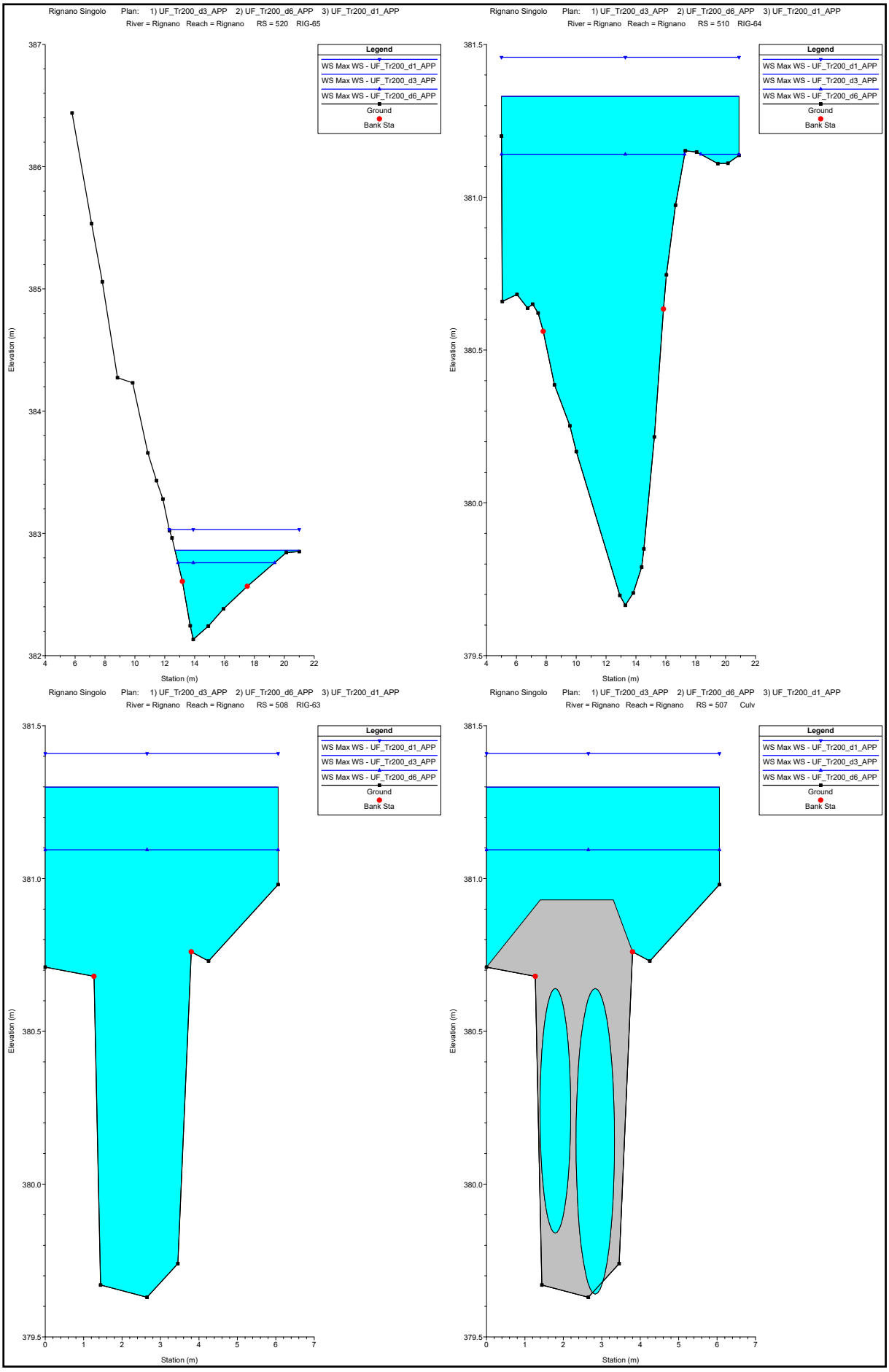
Sezioni Trasversali (da monte verso valle)

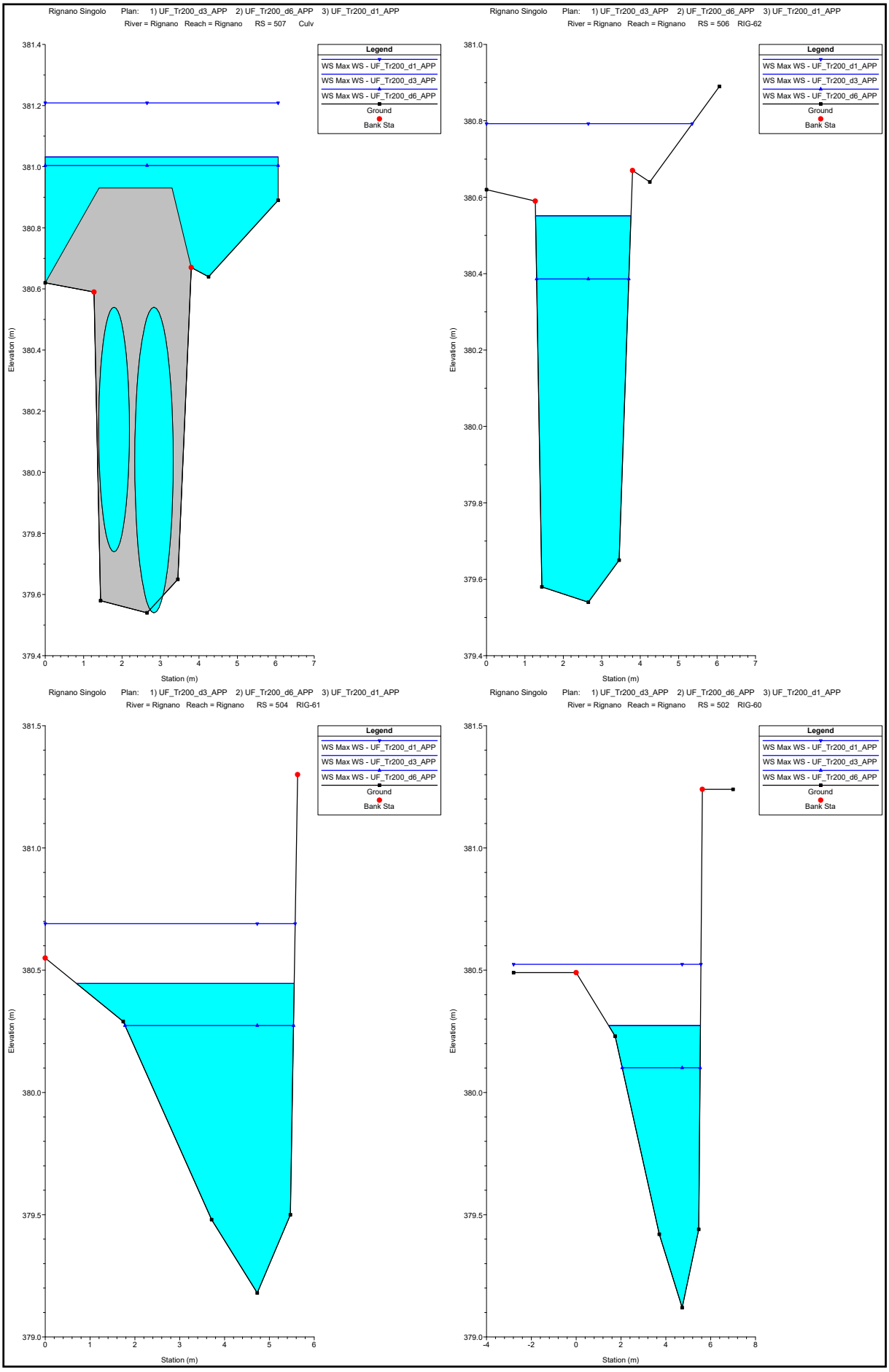

Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 600 RIG-75
Legend
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 590 RIG-74
Legend
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 580 RIG-73
Legend
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 575 BR
Legend
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)

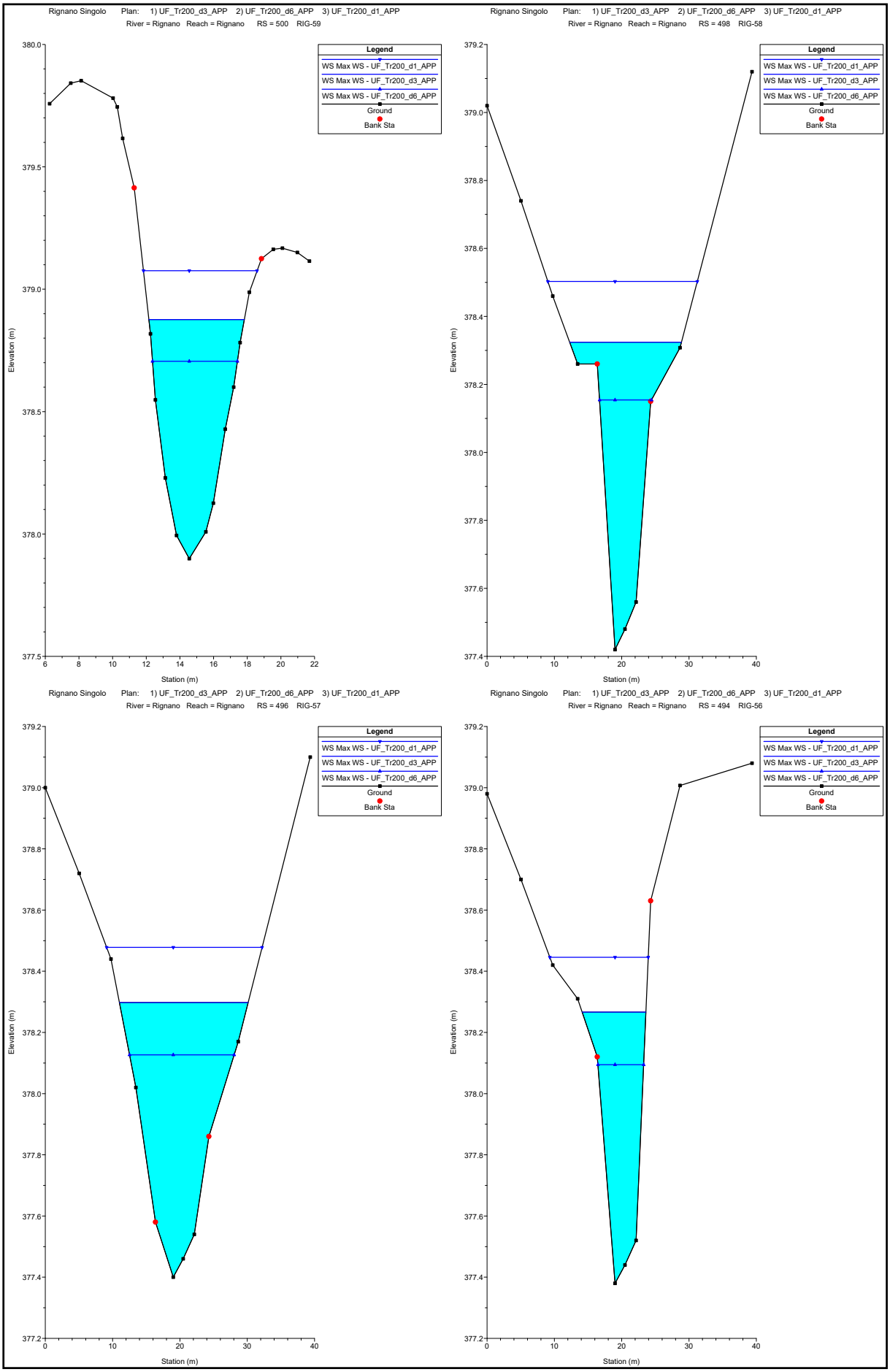

Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 575 BR
Legend
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 570 RIG-72
Legend
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 560 RIG-71
Legend
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 555 Culv
Legend
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)

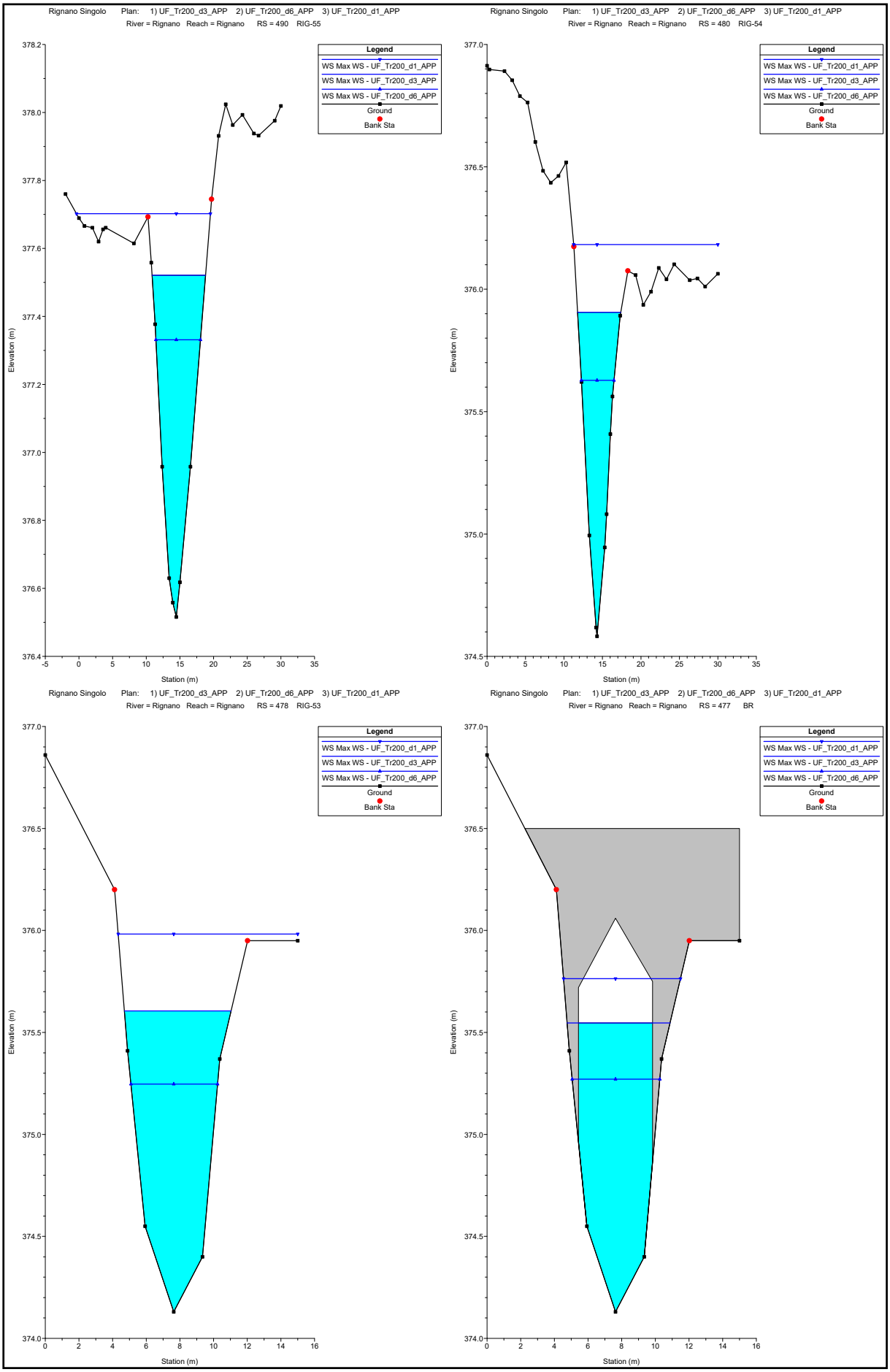

Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 555 Culv
Legend
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 550 RIG-70
Legend
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 545.00 RIG-69
Legend
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 540 RIG-68
Legend
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)

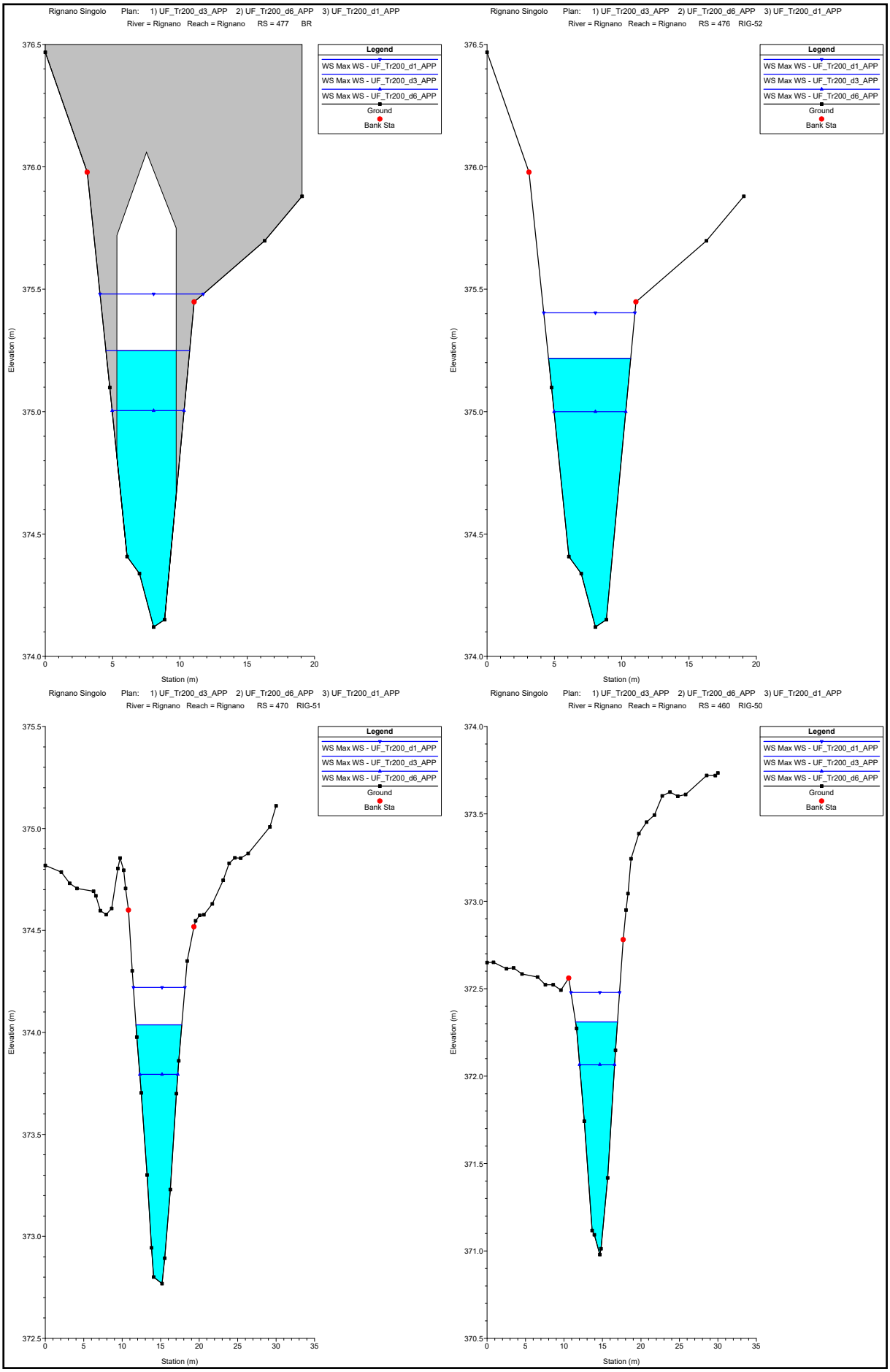

Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 535 Culv
Legend
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 535 Culv
Legend
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 530 RIG-67
Legend
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 528 RIG-66
Legend
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)

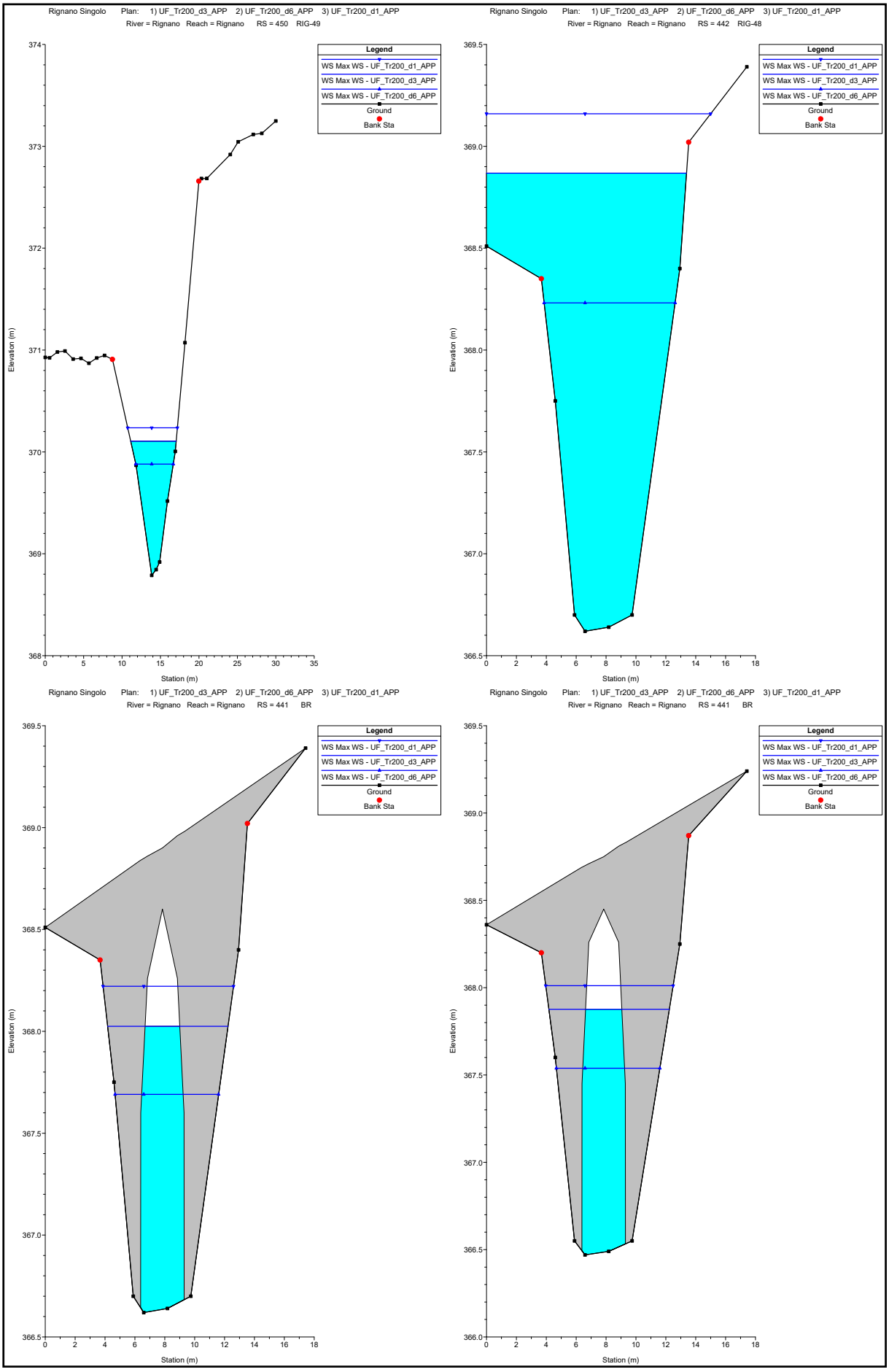

Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 520 RIG-65
Legend
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 510 RIG-64
Legend
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 508 RIG-63
Legend
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 507 Culv
Legend
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)

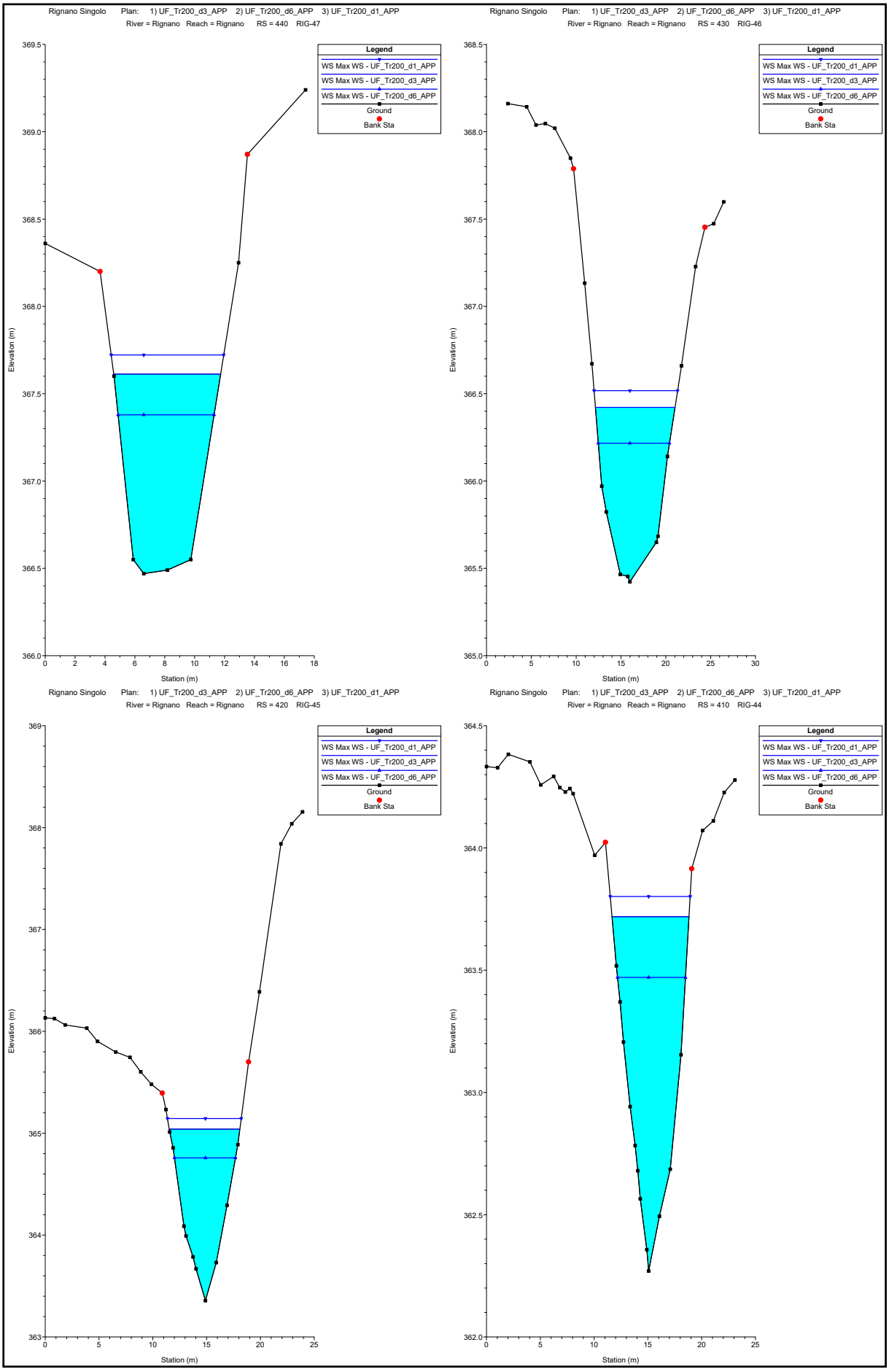

Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 507 Culv
Legend
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 506 RIG-62
Legend
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 504 RIG-61
Legend
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 502 RIG-60
Legend
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)

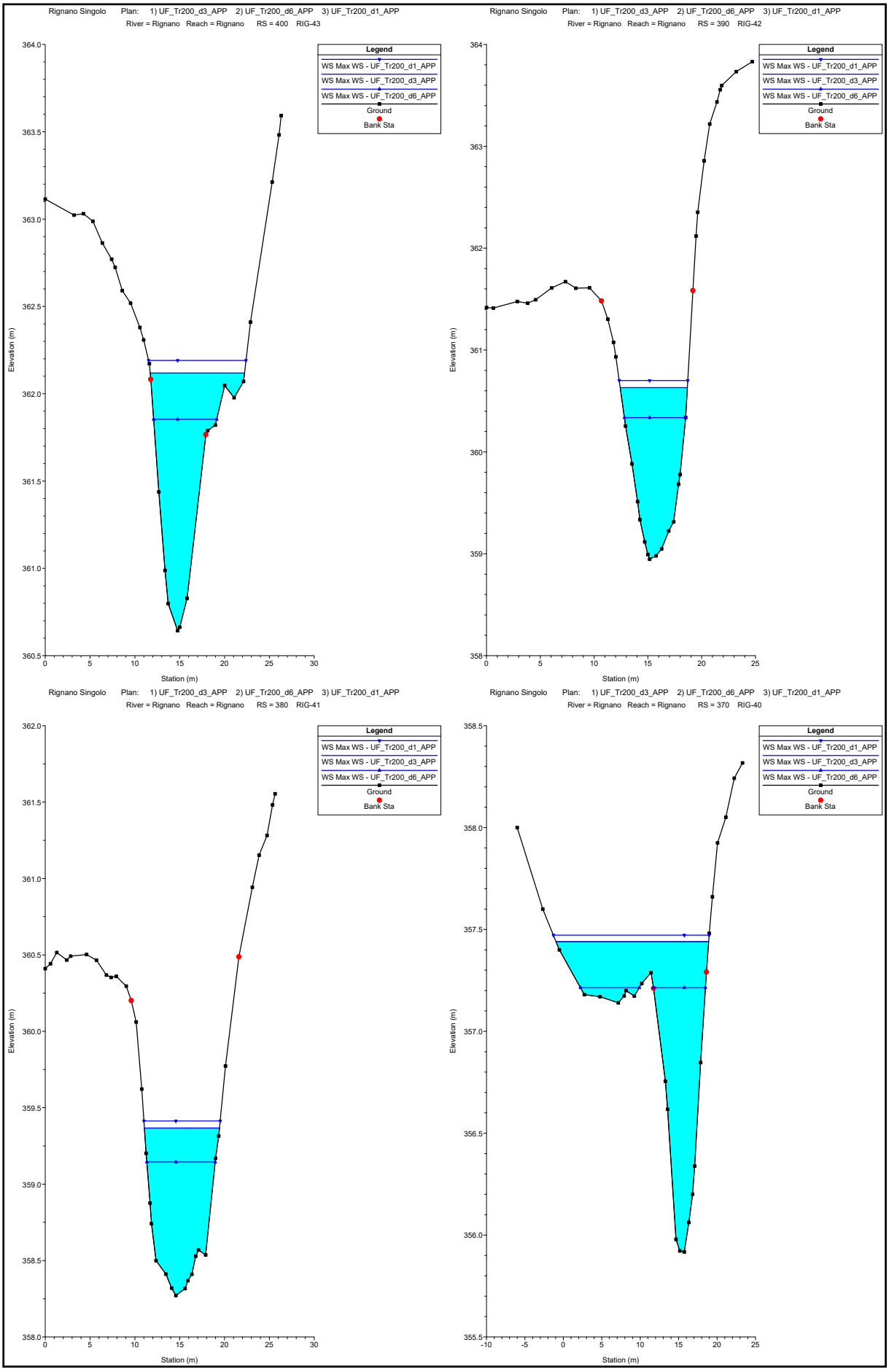

Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 500 RIG-59
Legend
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 498 RIG-58
Legend
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 496 RIG-57
Legend
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 494 RIG-56
Legend
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)

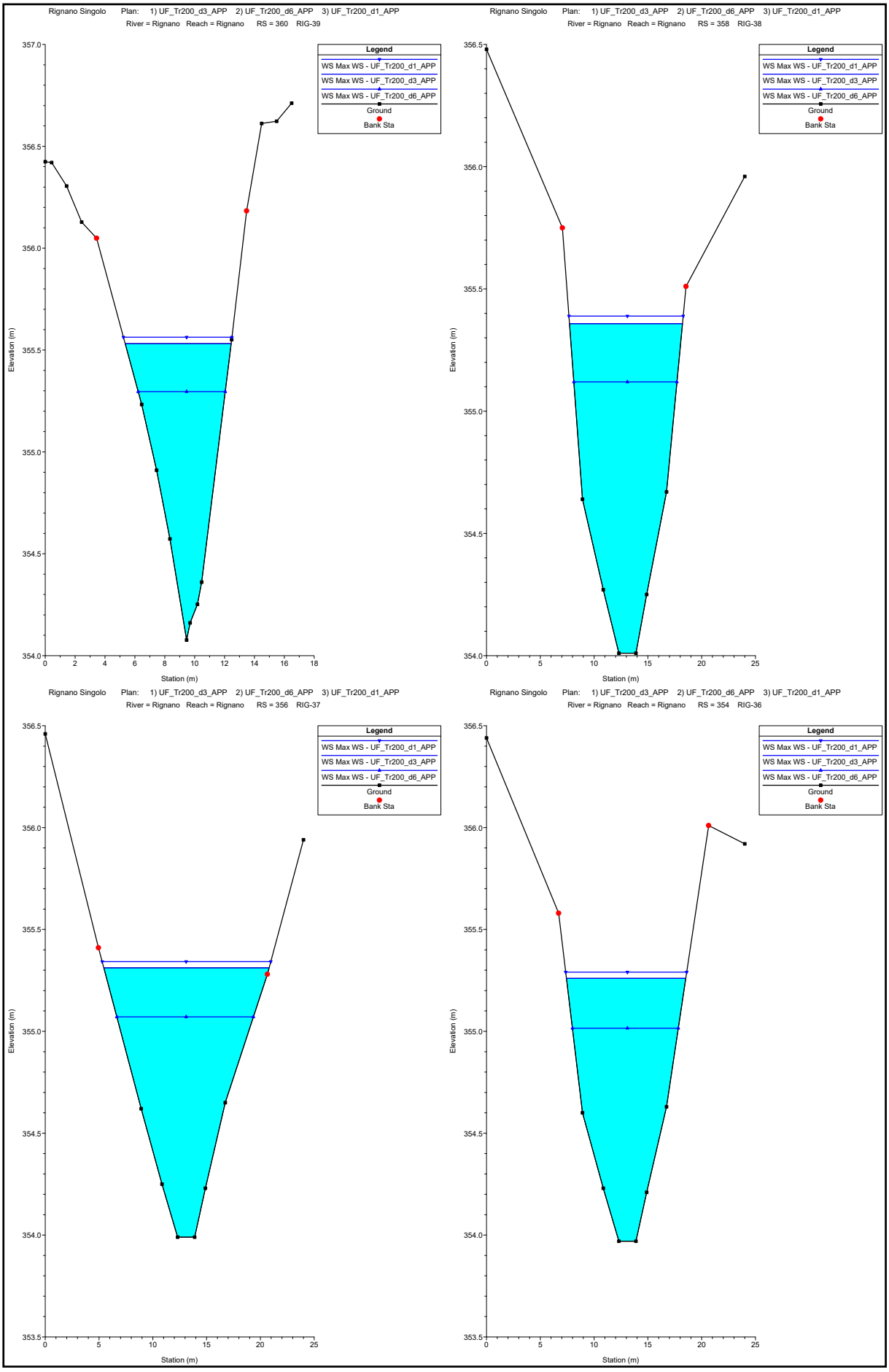

Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 490 RIG-55
Legend
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 480 RIG-54
Legend
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 478 RIG-53
Legend
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 477 BR
Legend
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)

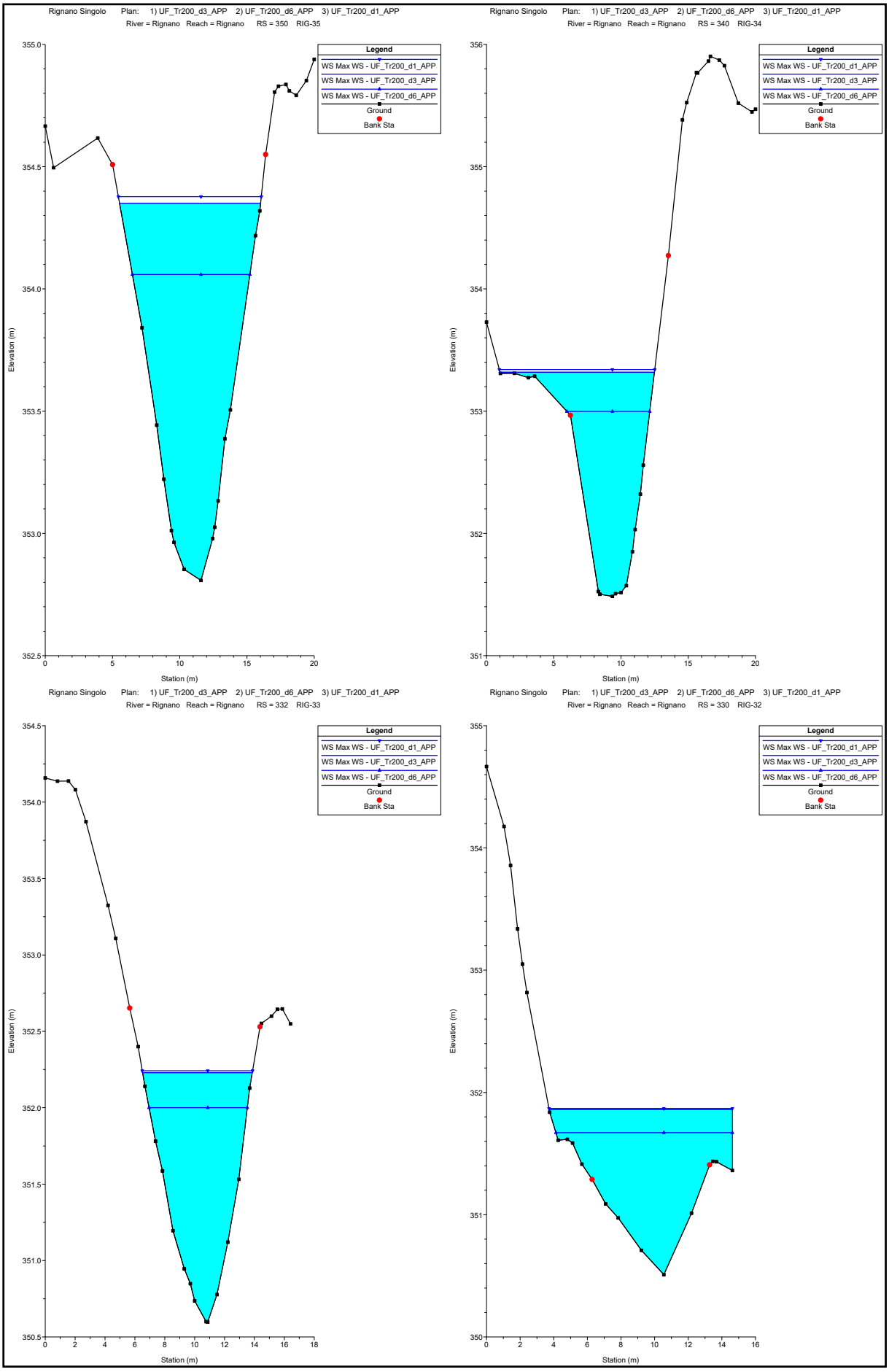

Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 477 BR
Legend
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 476 RIG-52
Legend
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 470 RIG-51
Legend
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 460 RIG-50
Legend
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)

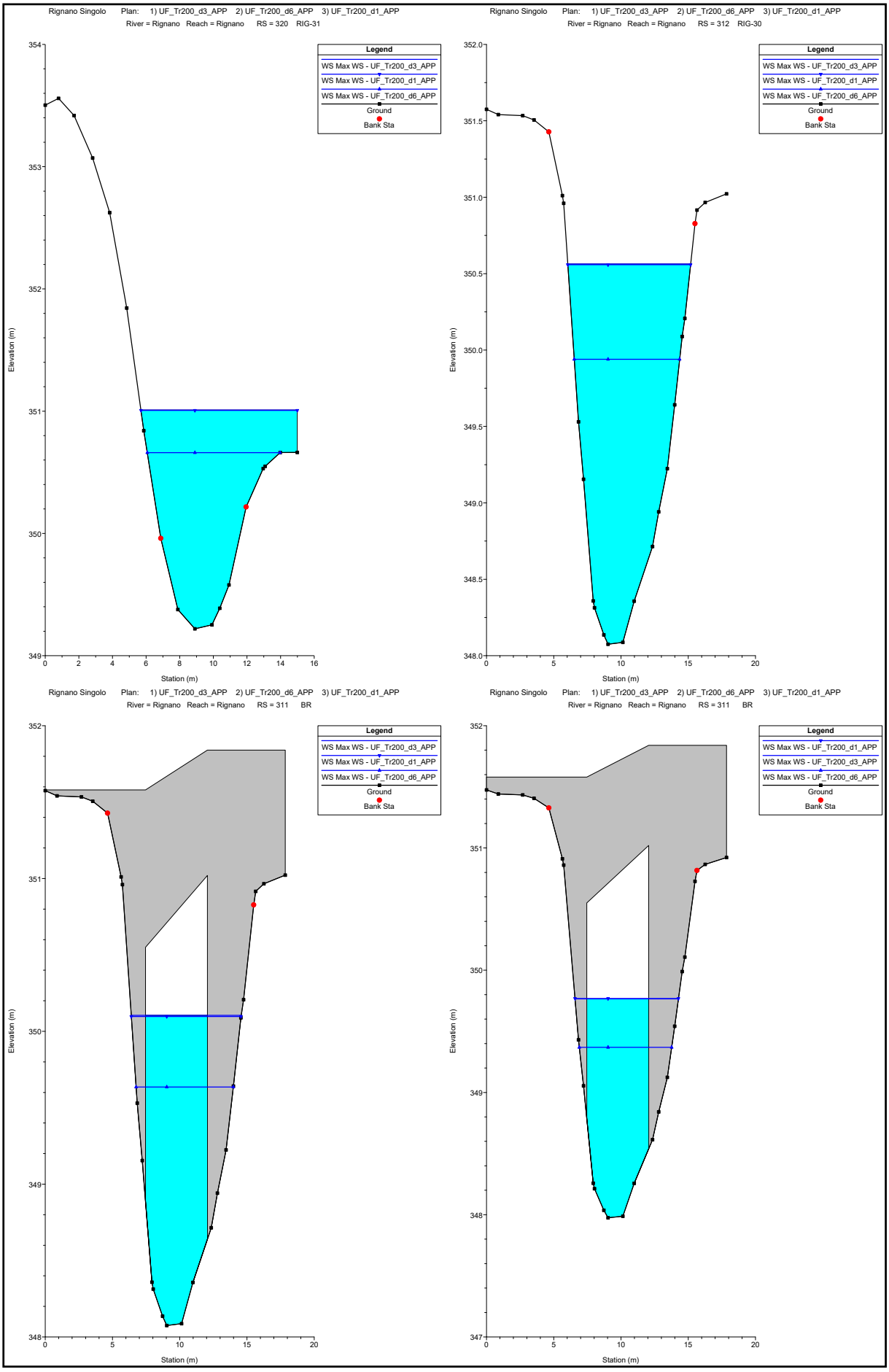

Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 450 RIG-49
Legend
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 442 RIG-48
Legend
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 441 BR
Legend
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 441 BR
Legend
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)

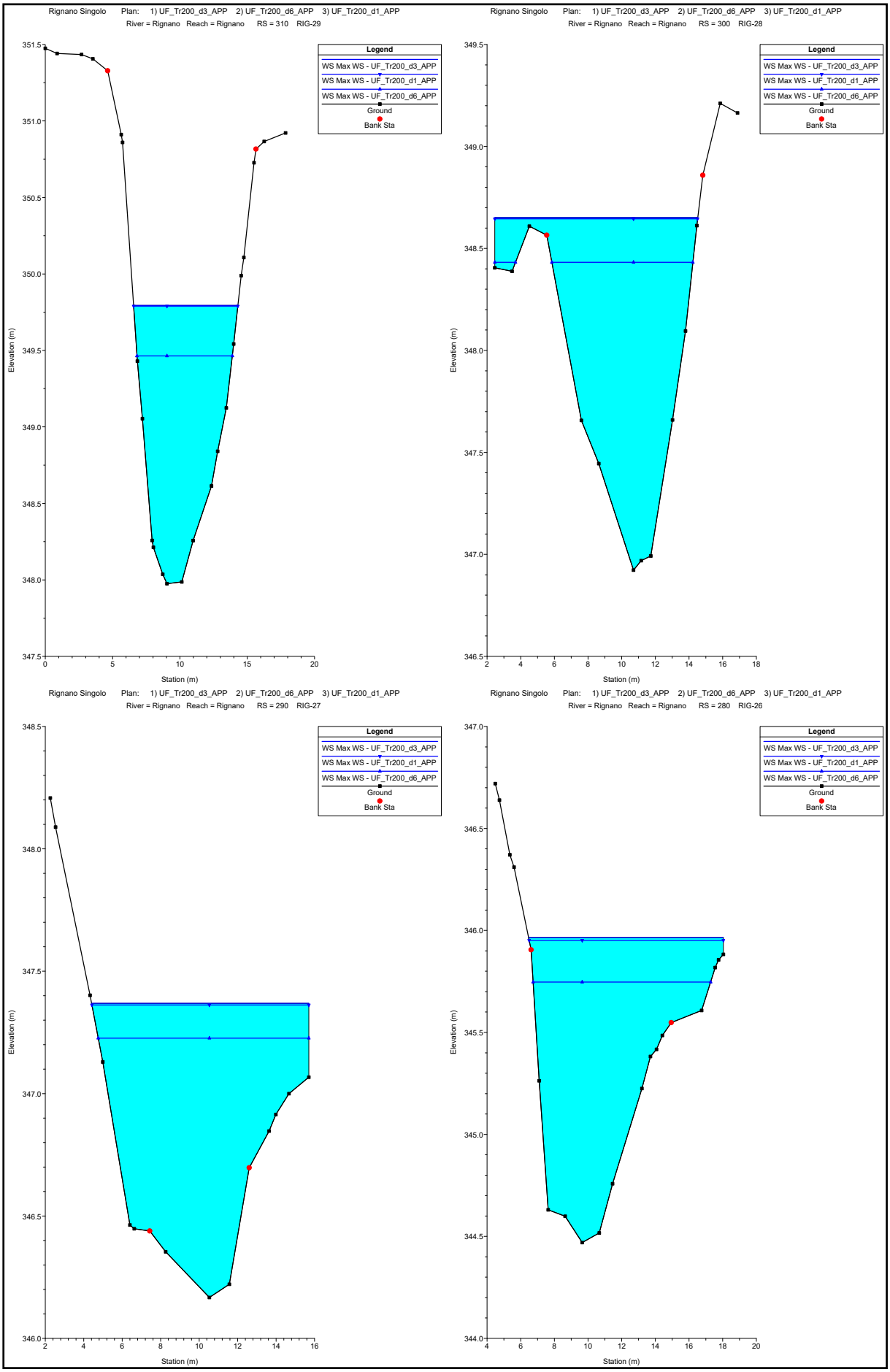

Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 440 RIG-47
Legend
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 430 RIG-46
Legend
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 420 RIG-45
Legend
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 410 RIG-44
Legend
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)

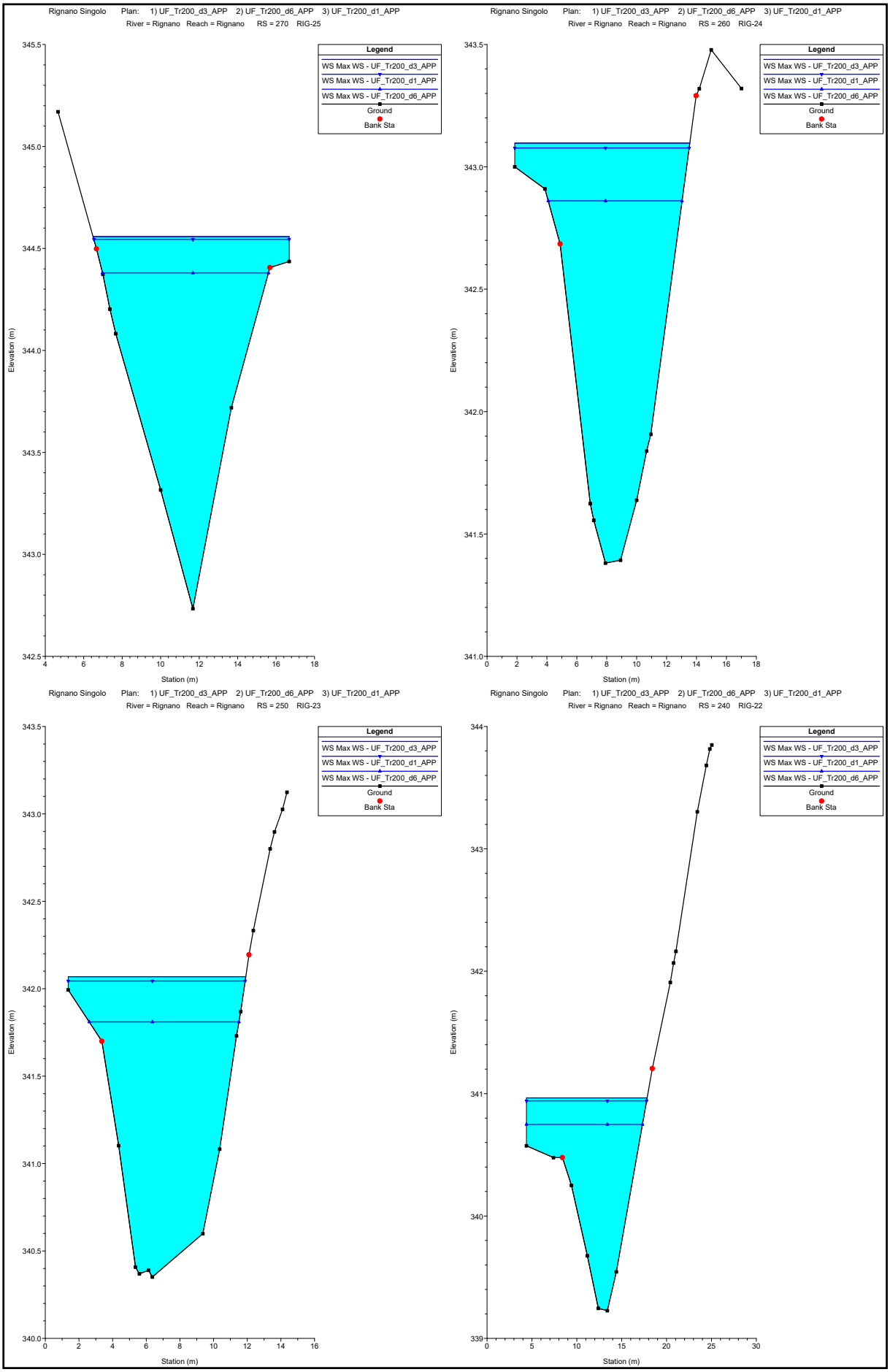

Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 400 RIG-43
Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 390 RIG-42
Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 380 RIG-41
Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 370 RIG-40
Legend
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)

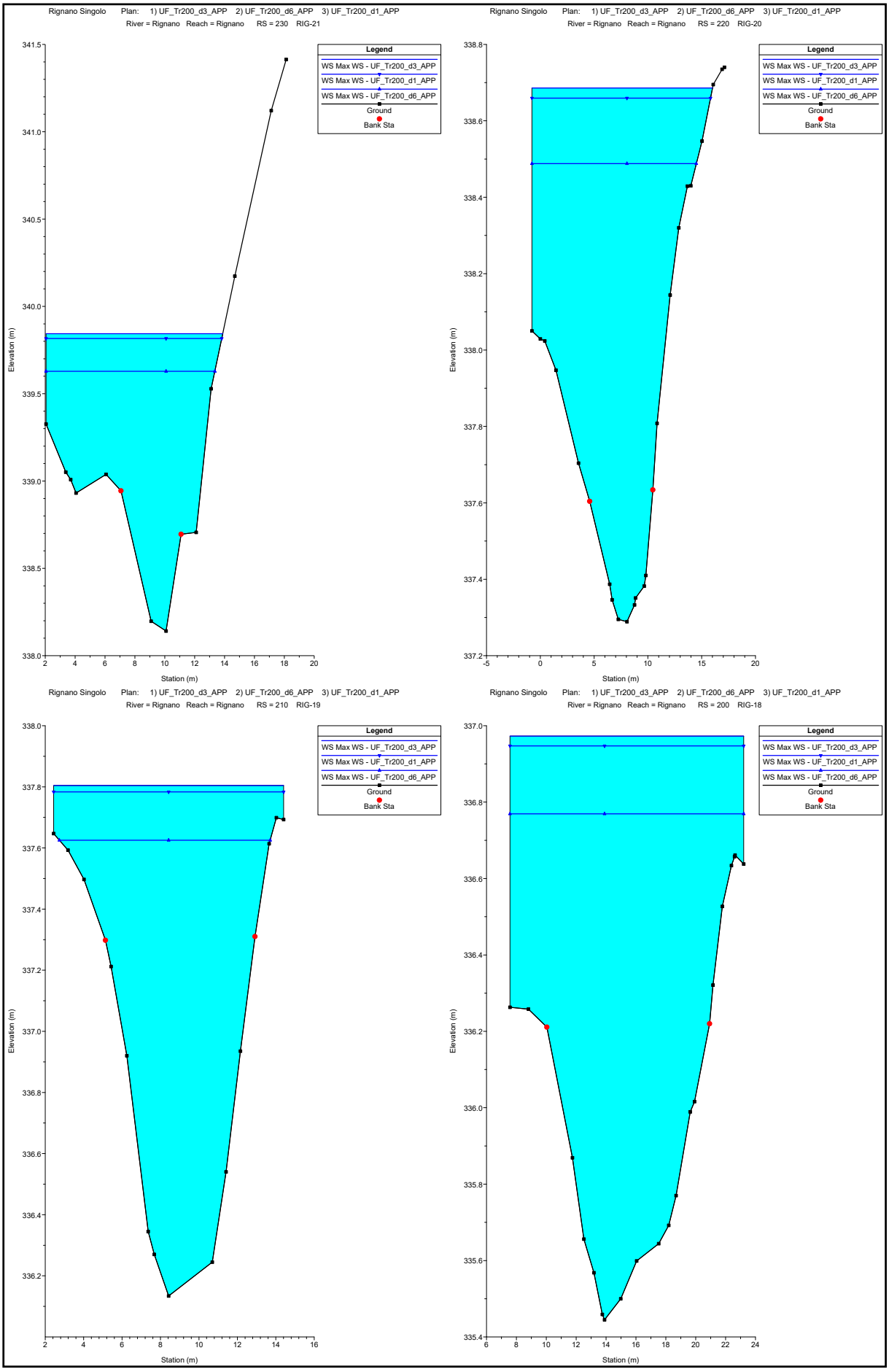

Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 360 RIG-39
Legend
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 358 RIG-38
Legend
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 356 RIG-37
Legend
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 354 RIG-36
Legend
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)

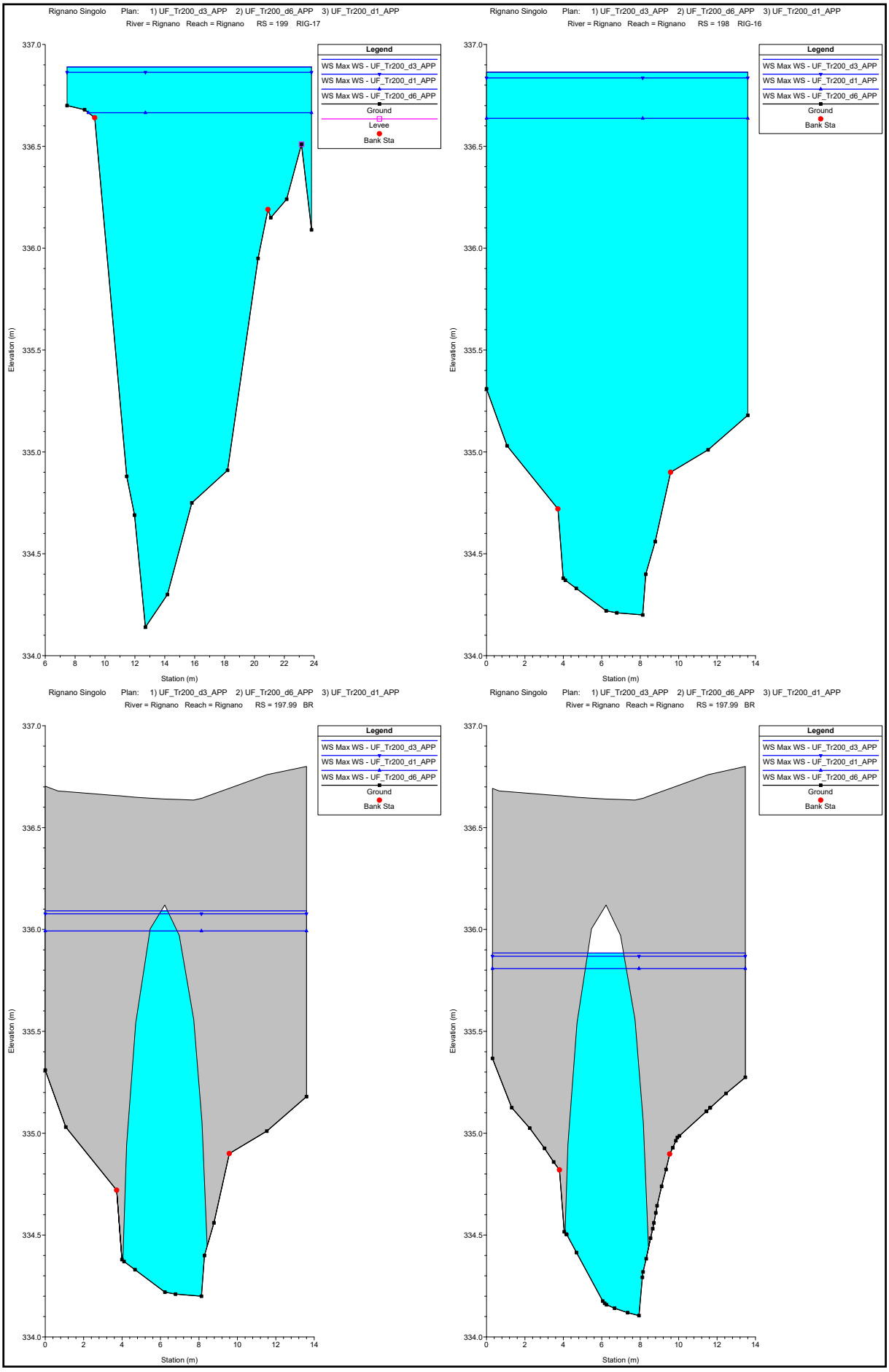

Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 350 RIG-35
Legend
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 340 RIG-34
Legend
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 332 RIG-33
Legend
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 330 RIG-32
Legend
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)

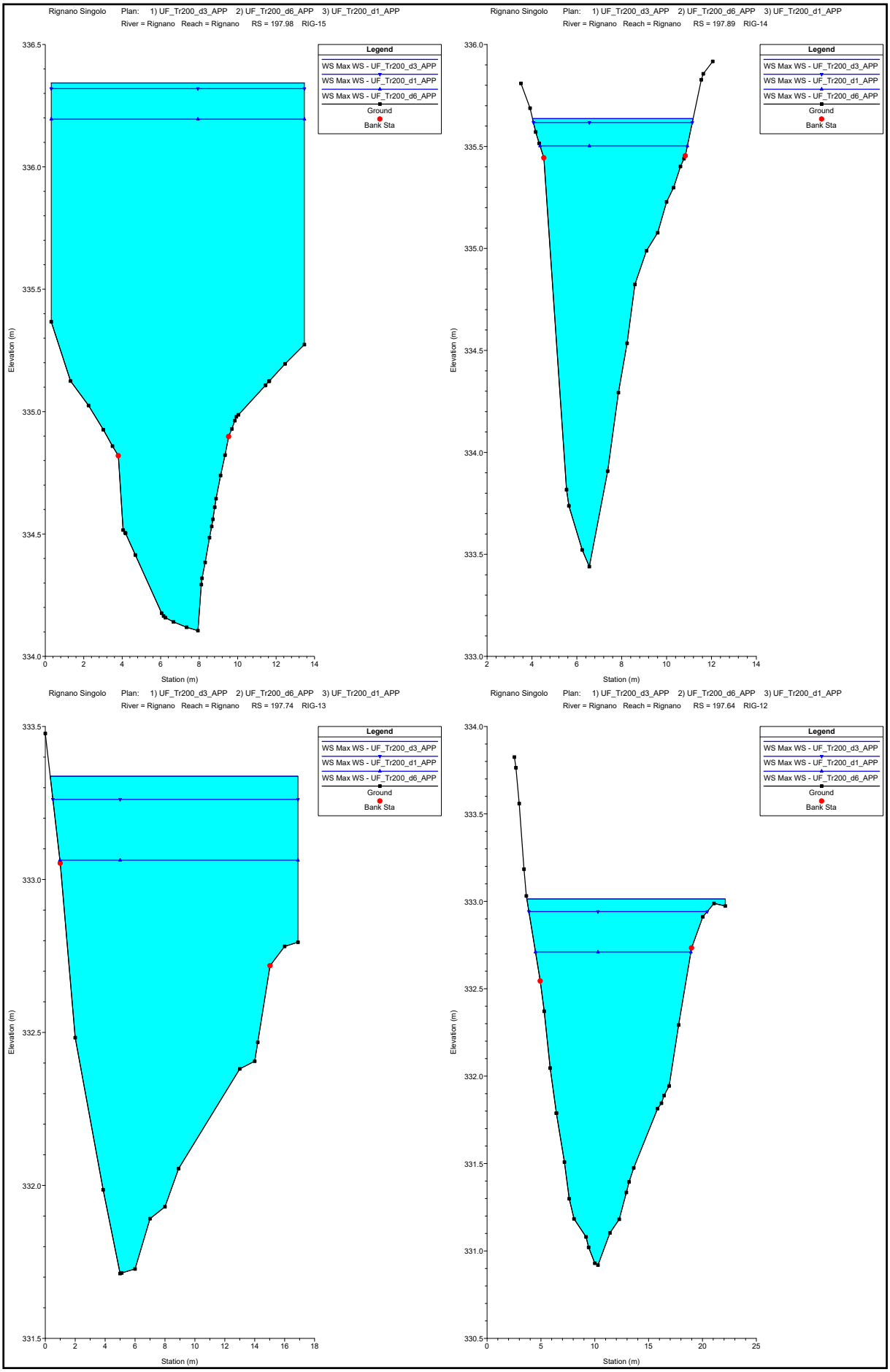

Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 320 RIG-31
Legend
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 312 RIG-30
Legend
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 311 BR
Legend
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 311 BR
Legend
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)

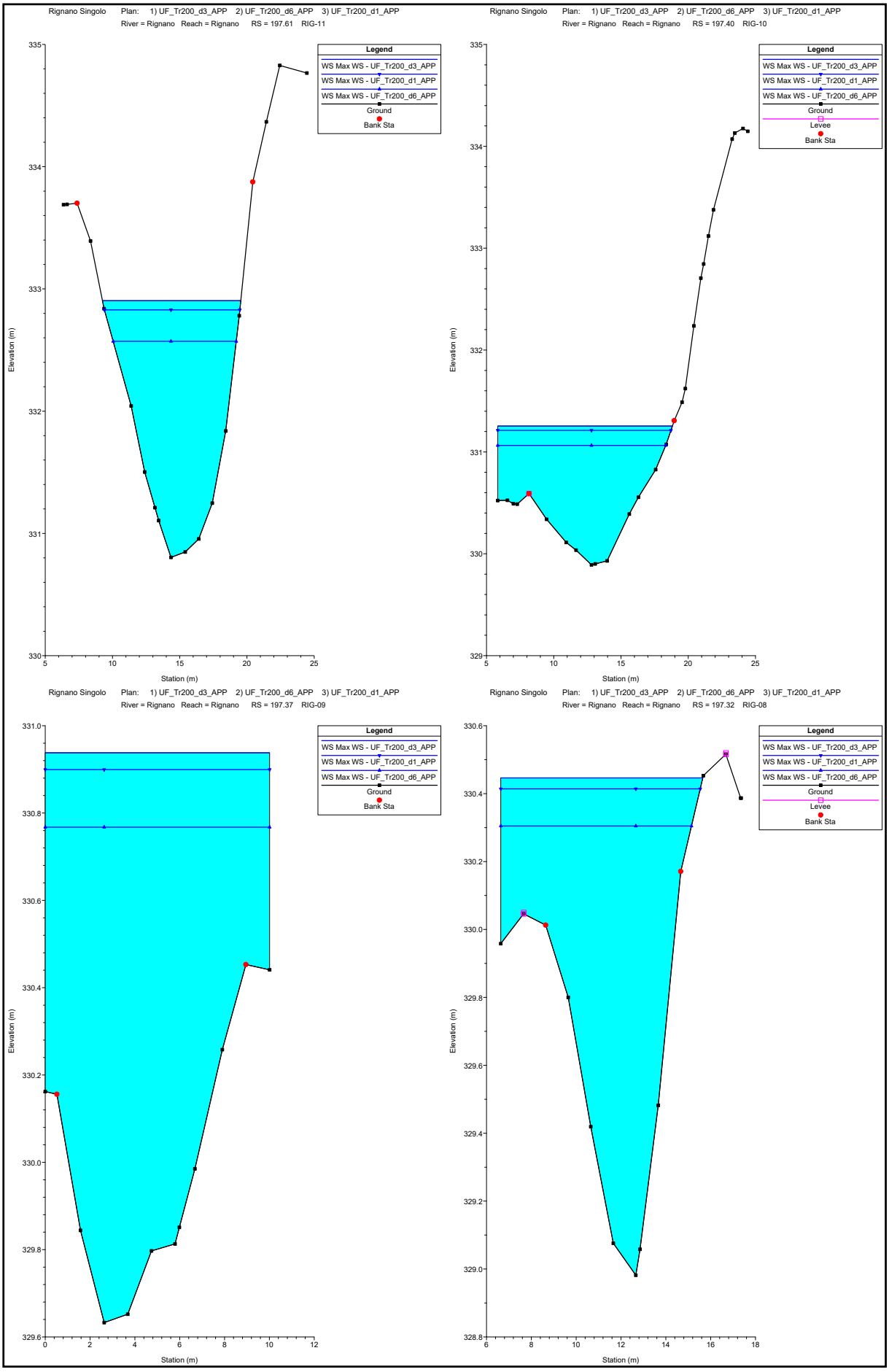

Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 310 RIG-29
Legend
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 300 RIG-28
Legend
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 290 RIG-27
Legend
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 280 RIG-26
Legend
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)

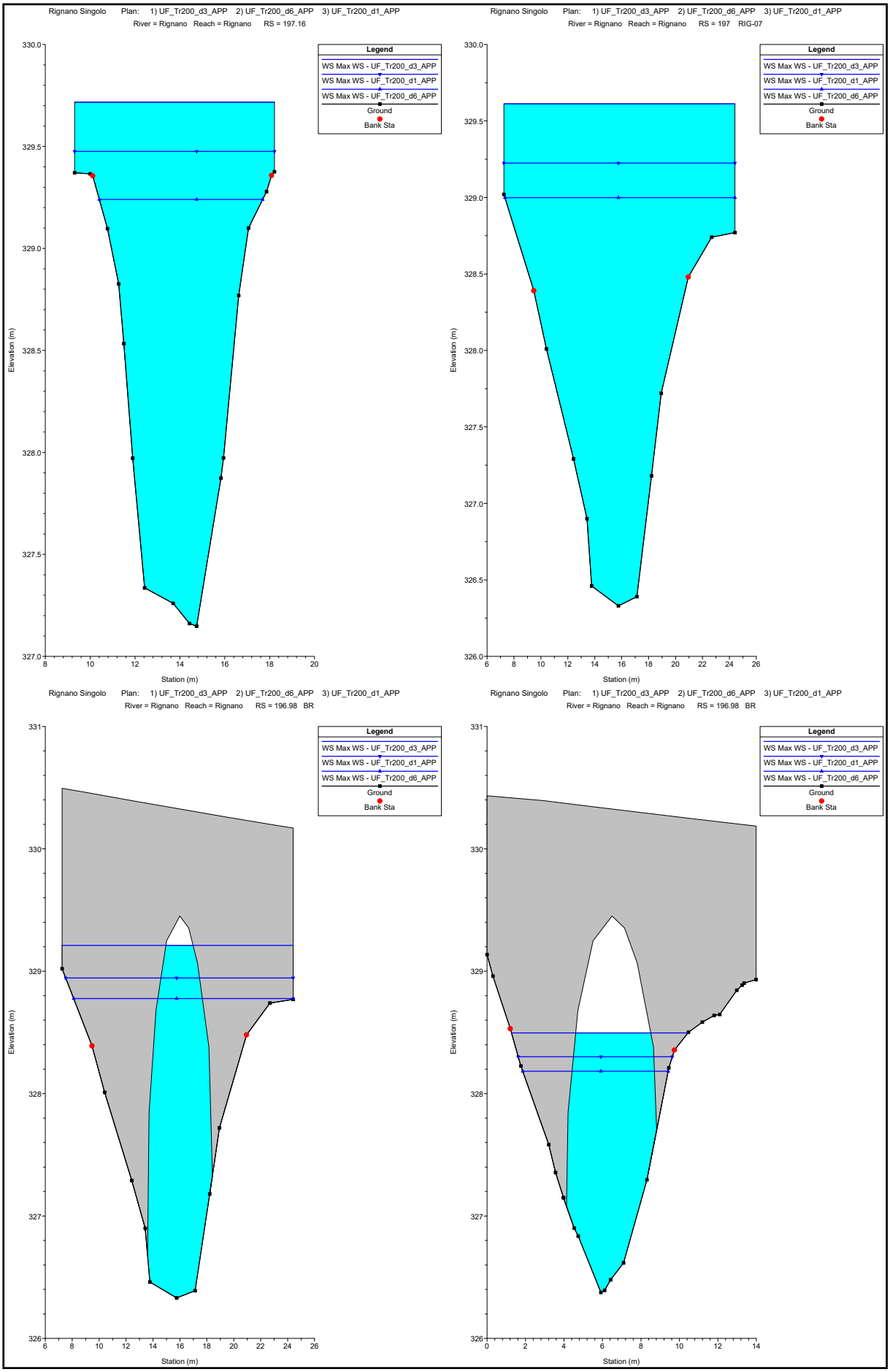

Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 270 RIG-25
Legend
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 260 RIG-24
Legend
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 250 RIG-23
Legend
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 240 RIG-22
Legend
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)

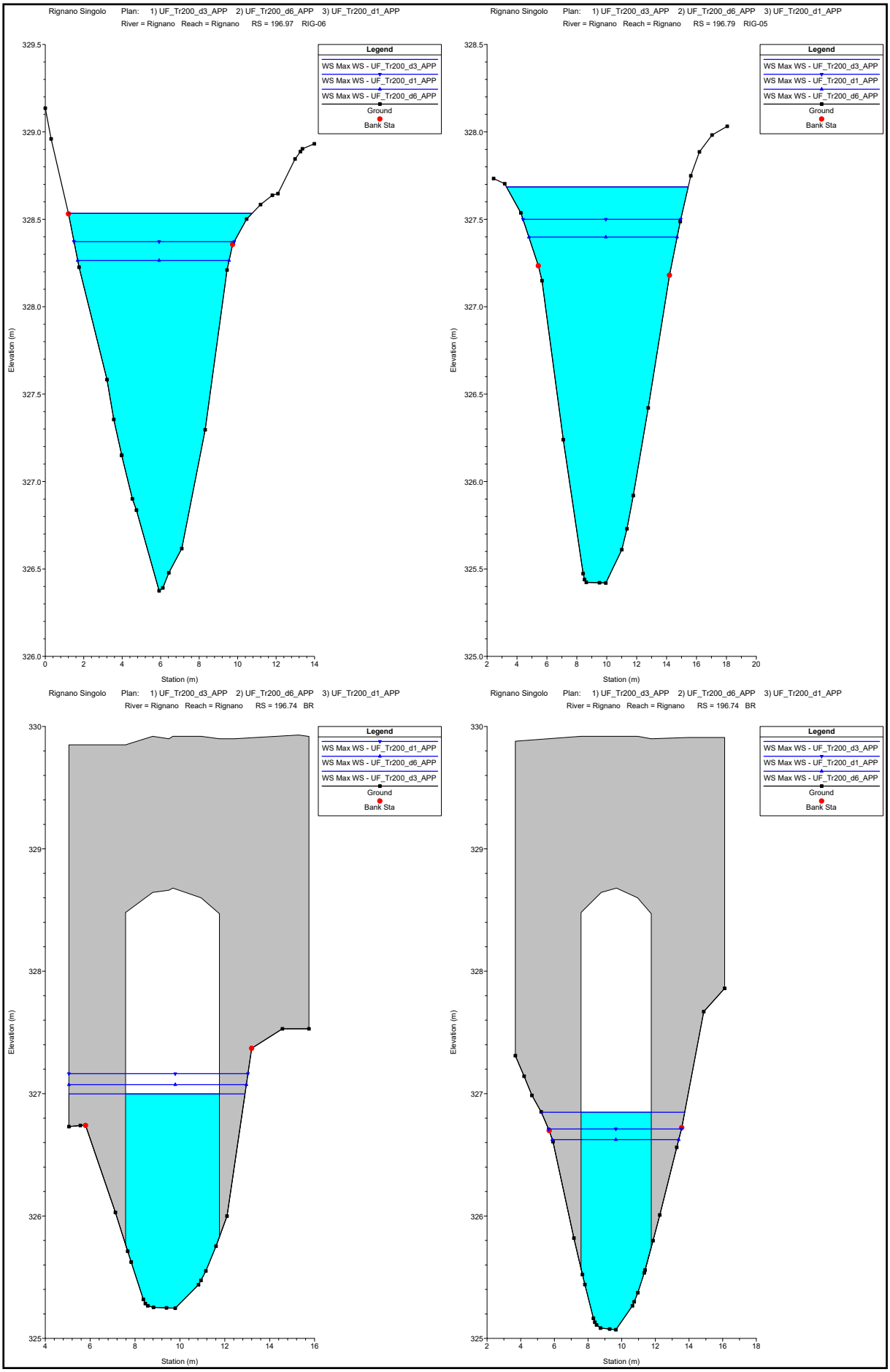

Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 230 RIG-21
Legend
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 220 RIG-20
Legend
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 210 RIG-19
Legend
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 200 RIG-18
Legend
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)

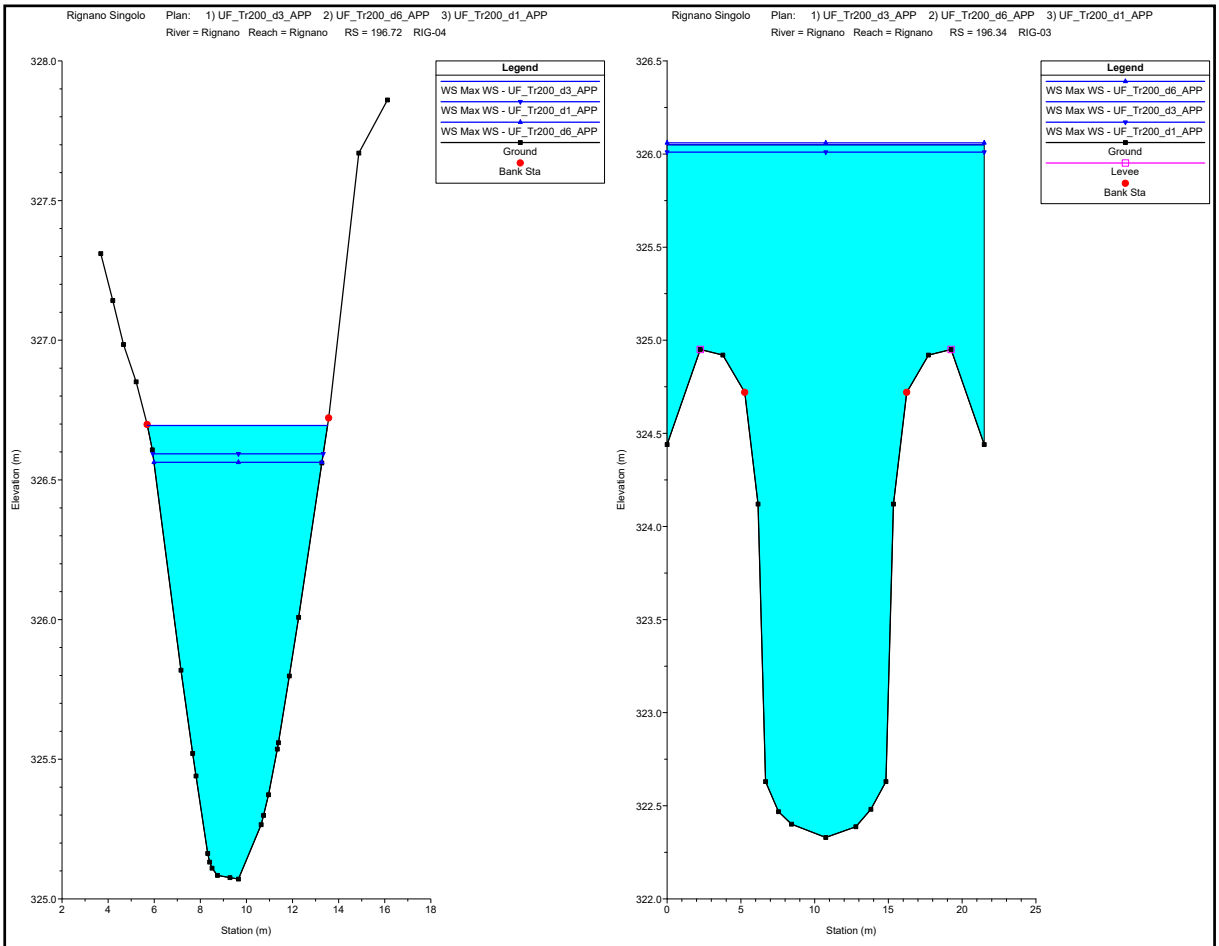

Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 199 RIG-17
Legend
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 198 RIG-16
Legend
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 197.99 BR
Legend
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 197.99 BR
Legend
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)


Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 197.98 RIG-15
Legend
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 197.89 RIG-14
Legend
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 197.74 RIG-13
Legend
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 197.64 RIG-12
Legend
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)


Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 197.61 RIG-11
Legend
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 197.40 RIG-10
Legend
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 197.37 RIG-09
Legend
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 197.32 RIG-08
Legend
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)


Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 197.16
Legend
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 197 RIG-07
Legend
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 196.98 BR
Legend
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 196.98 BR
Legend
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)


Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 196.97 RIG-06
Legend
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 196.79 RIG-05
Legend
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 196.74 BR
Legend
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d6_APP
WS Max WS - UF_Tr200_d3_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 196.74 BR
Legend
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)


Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 196.72 RIG-04
Legend
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d1_APP
WS Max WS - UF_Tr200_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr200_d3_APP 2) UF_Tr200_d6_APP 3) UF_Tr200_d1_APP
River = Rignano Reach = Rignano RS = 196.34 RIG-03
Legend
WS Max WS - UF_Tr200_d6_APP
WS Max WS - UF_Tr200_d3_APP
WS Max WS - UF_Tr200_d1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "RIGNANO SINGOLO"

RIGNANO

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 1, 3 e 6 h

Dati idraulici

HEC-RAS River: Rignano Reach: Rignano Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Rignano	600	Max WS	UF_Tr200_d3_APP	6.60	406.51	407.17	407.37	407.89	0.055795	3.93	0.97	0.69	2.19	10.01	1.84
Rignano	600	Max WS	UF_Tr200_d6_APP	4.00	406.51	407.06	407.24	407.62	0.056054	3.32	0.46	0.40	1.30	6.13	1.76
Rignano	600	Max WS	UF_Tr200_d1_APP	14.00	406.51	407.36	407.65	408.38	0.058248	5.02	1.74	1.58	4.07	10.01	1.98
Rignano	599.99			Lat Struct											
Rignano	599.98			Lat Struct											
Rignano	590	Max WS	UF_Tr200_d3_APP	6.06	403.53	404.48	404.68	405.09	0.048627	3.47	0.31		1.80	6.22	1.63
Rignano	590	Max WS	UF_Tr200_d6_APP	4.00	403.53	404.34	404.54	404.83	0.044243	3.10			1.29	3.04	1.52
Rignano	590	Max WS	UF_Tr200_d1_APP	8.47	403.53	404.60	404.82	405.22	0.038816	3.58	0.85	0.41	2.80	8.32	1.51
Rignano	580	Max WS	UF_Tr200_d3_APP	3.52	402.77	404.11	403.60	404.14	0.001025	0.89	0.34	0.21	5.41	7.21	0.27
Rignano	580	Max WS	UF_Tr200_d6_APP	3.36	402.77	403.81	403.58	403.89	0.003215	1.28	0.42	0.26	3.40	6.59	0.46
Rignano	580	Max WS	UF_Tr200_d1_APP	4.49	402.77	404.40	403.68	404.43	0.000656	0.84	0.34	0.21	7.67	8.11	0.23
Rignano	575			Bridge											
Rignano	570	Max WS	UF_Tr200_d3_APP	3.52	401.47	402.02	402.16	402.46	0.040826	2.96			1.19	2.42	1.35
Rignano	570	Max WS	UF_Tr200_d6_APP	3.36	401.47	402.00	402.15	402.43	0.040883	2.92			1.15	2.42	1.35
Rignano	570	Max WS	UF_Tr200_d1_APP	4.49	401.47	402.13	402.26	402.60	0.039442	3.04		0.42	1.52	3.85	1.33
Rignano	560	Max WS	UF_Tr200_d3_APP	3.28	399.67	401.58		401.61	0.000893	0.68	0.15	0.11	5.06	6.50	0.22
Rignano	560	Max WS	UF_Tr200_d6_APP	3.17	399.67	401.57		401.59	0.000877	0.66	0.14	0.11	4.97	6.50	0.22
Rignano	560	Max WS	UF_Tr200_d1_APP	4.30	399.67	401.71		401.74	0.000994	0.78	0.21	0.17	5.90	6.50	0.24
Rignano	555			Culvert											
Rignano	550	Max WS	UF_Tr200_d3_APP	3.28	399.17	399.94	399.98	400.29	0.026647	2.61			1.25	2.16	1.09
Rignano	550	Max WS	UF_Tr200_d6_APP	3.17	399.17	399.93	399.97	400.27	0.027325	2.61			1.21	2.15	1.11
Rignano	550	Max WS	UF_Tr200_d1_APP	4.29	399.17	400.14	400.11	400.47	0.020520	2.56			1.68	2.26	0.95
Rignano	545.00	Max WS	UF_Tr200_d3_APP	3.28	398.59	399.73		399.87	0.007239	1.62			2.02	2.56	0.58
Rignano	545.00	Max WS	UF_Tr200_d6_APP	3.17	398.59	399.70		399.84	0.007506	1.63			1.95	2.53	0.59
Rignano	545.00	Max WS	UF_Tr200_d1_APP	4.63	398.59	399.98		400.13	0.006971	1.73			2.68	2.90	0.57
Rignano	540	Max WS	UF_Tr200_d3_APP	3.43	398.02	399.76		399.80	0.001304	0.78			4.39	4.90	0.26
Rignano	540	Max WS	UF_Tr200_d6_APP	3.26	398.02	399.74		399.77	0.001265	0.77			4.25	4.79	0.26
Rignano	540	Max WS	UF_Tr200_d1_APP	5.37	398.02	399.98		400.03	0.001733	0.97			5.51	5.43	0.31
Rignano	535			Culvert											
Rignano	530	Max WS	UF_Tr200_d3_APP	3.43	383.87	384.54	384.68	385.01	0.045965	3.05			1.13	2.84	1.54
Rignano	530	Max WS	UF_Tr200_d6_APP	3.26	383.87	384.52	384.66	384.98	0.045930	3.00			1.08	2.79	1.54
Rignano	530	Max WS	UF_Tr200_d1_APP	5.37	383.87	384.66	384.88	385.33	0.053531	3.63			1.48	3.20	1.70
Rignano	529.99			Lat Struct											
Rignano	529.98			Lat Struct											
Rignano	528	Max WS	UF_Tr200_d3_APP	3.62	383.38	383.97		384.08	0.010472	1.47			2.46	6.33	0.75
Rignano	528	Max WS	UF_Tr200_d6_APP	3.33	383.38	383.93		384.04	0.012515	1.51			2.20	6.19	0.81
Rignano	528	Max WS	UF_Tr200_d1_APP	5.69	383.38	384.13		384.26	0.009053	1.63			3.49	6.83	0.73
Rignano	520	Max WS	UF_Tr200_d3_APP	6.10	382.13	382.86	382.94	383.20	0.021518	2.61	0.57	0.60	2.71	8.32	1.17
Rignano	520	Max WS	UF_Tr200_d6_APP	4.35	382.13	382.76	382.82	383.04	0.024162	2.39	0.43	0.54	1.98	6.47	1.19
Rignano	520	Max WS	UF_Tr200_d1_APP	10.17	382.13	383.03	383.13	383.46	0.020011	3.05	0.76	1.00	4.15	8.70	1.18
Rignano	512.99			Lat Struct											
Rignano	512.98			Lat Struct											
Rignano	510	Max WS	UF_Tr200_d3_APP	8.01	379.67	381.33		381.35	0.000475	0.72	0.24	0.14	13.49	15.90	0.20
Rignano	510	Max WS	UF_Tr200_d6_APP	5.32	379.67	381.14		381.16	0.000380	0.57	0.18	0.10	10.49	14.80	0.18
Rignano	510	Max WS	UF_Tr200_d1_APP	12.21	379.67	381.46		381.50	0.000770	0.97	0.34	0.23	15.53	15.90	0.26
Rignano	508	Max WS	UF_Tr200_d3_APP	6.15	379.63	381.30		381.38	0.002557	1.38	0.47	0.46	5.67	6.06	0.36
Rignano	508	Max WS	UF_Tr200_d6_APP	4.83	379.63	381.09		381.18	0.002877	1.33	0.41	0.35	4.42	6.06	0.37
Rignano	508	Max WS	UF_Tr200_d1_APP	9.18	379.63	381.41		381.56	0.004286	1.87	0.65	0.67	6.33	6.06	0.47
Rignano	507			Culvert											
Rignano	506	Max WS	UF_Tr200_d3_APP	6.15	379.54	380.55	380.52	380.96	0.021454	2.82			2.18	2.48	0.96
Rignano	506	Max WS	UF_Tr200_d6_APP	4.83	379.54	380.39	380.39	380.76	0.023193	2.71			1.78	2.40	1.01
Rignano	506	Max WS	UF_Tr200_d1_APP	9.18	379.54	380.79	380.90	381.30	0.021090	3.20	0.73	0.50	3.17	5.35	0.97
Rignano	504	Max WS	UF_Tr200_d3_APP	6.63	379.18	380.45		380.67	0.012374	2.08			3.18	4.86	0.82
Rignano	504	Max WS	UF_Tr200_d6_APP	5.02	379.18	380.27		380.49	0.012431	2.05			2.45	3.76	0.81
Rignano	504	Max WS	UF_Tr200_d1_APP	10.23	379.18	380.69		380.95	0.011582	2.27			4.50	5.58	0.81
Rignano	502	Max WS	UF_Tr200_d3_APP	7.41	379.12	380.27	380.33	380.66	0.022238	2.76			2.68	4.10	1.09
Rignano	502	Max WS	UF_Tr200_d6_APP	5.27	379.12	380.10	380.14	380.44	0.022309	2.59			2.04	3.48	1.08
Rignano	502	Max WS	UF_Tr200_d1_APP	11.50	379.12	380.52	380.61	380.96	0.022159	2.93	0.26		4.01	8.36	1.12
Rignano	500	Max WS	UF_Tr200_d3_APP	8.81	377.90	378.88	378.88	379.20	0.016021	2.51			3.52	5.67	1.02
Rignano	500	Max WS	UF_Tr200_d6_APP	5.89	377.90	378.71	378.70	378.97	0.016413	2.26			2.61	5.04	1.00
Rignano	500	Max WS	UF_Tr200_d1_APP	13.66	377.90	379.08	379.13	379.50	0.017891	2.88			4.74	6.75	1.10
Rignano	498	Max WS	UF_Tr200_d3_APP	9.97	377.42	378.32	378.27	378.52	0.009524	1.99	0.24	0.33	5.55	16.60	0.81
Rignano	498	Max WS	UF_Tr200_d6_APP	6.22	377.42	378.15		378.31	0.010423	1.74		0.03	3.58	7.71	0.81
Rignano	498	Max WS	UF_Tr200_d1_APP	15.53	377.42	378.50	378.48	378.74	0.008579	2.24	0.47	0.54	9.02	22.19	0.80
Rignano	496	Max WS	UF_Tr200_d3_APP	10.01	377.40	378.30		378.39	0.003660	1.44	0.48	0.38	9.14	19.13	0.53
Rignano	496	Max WS	UF_Tr200_d6_APP	6.24	377.40	378.13		378.20	0.003727	1.22	0.41	0.27	6.17	15.54	0.51
Rignano	496	Max WS	UF_Tr200_d1_APP	15.55	377.40	378.48		378.60	0.003869	1.70	0.56	0.49	12.92	23.09	0.56
Rignano	494	Max WS	UF_Tr200_d3_APP	10.05	377.38	378.27	378.23	378.52	0.012230	2.24	0.32		4.63	9.47	0.91
Rignano	494	Max WS	UF_Tr200_d6_APP	6.27	377.38	378.09		378.28	0.012659	1.92			3.26	6.79	0.89
Rignano	494	Max WS	UF_Tr200_d1_APP	15.58	377.38	378.45	378.48	378.78	0.012572	2.61	0.50		6.77	14.63	0.95
Rignano	492.65			Lat Struct											
Rignano	492.64			Lat Struct											
Rignano	490	Max WS	UF_Tr200_d3_APP	10.62	376.52	377.52	377.53	377.81	0.015713	2.38			4.46	7.94	1.02
Rignano	490	Max WS	UF_Tr200_d6_APP	6.65	376.52	377.33	377.33	377.57	0.016545	2.16			3.08	6.62	1.01
Rignano	490	Max WS	UF_Tr200_d1_APP	15.93	376.52	377.70	377.78	378.05	0.015655	2.62	0.29		6.57	19.90	1.04

HEC-RAS River: Rignano Reach: Rignano Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Rignano	480	Max WS	UF_Tr200_d3_APP	11.65	374.58	375.91	376.11	376.39	0.022484	3.07			3.79	5.62	1.19
Rignano	480	Max WS	UF_Tr200_d6_APP	7.32	374.58	375.63	375.75	376.09	0.027379	3.02			2.42	4.24	1.27
Rignano	480	Max WS	UF_Tr200_d1_APP	16.52	374.58	376.18	376.27	376.56	0.014694	2.79	0.05	0.55	7.26	18.74	1.00
Rignano	478	Max WS	UF_Tr200_d3_APP	11.87	374.13	375.61	375.31	375.81	0.006385	2.00			5.93	6.34	0.66
Rignano	478	Max WS	UF_Tr200_d6_APP	7.46	374.13	375.25	375.07	375.43	0.007664	1.92			3.90	5.15	0.70
Rignano	478	Max WS	UF_Tr200_d1_APP	16.69	374.13	375.98	375.55	376.17	0.004762	1.94		0.12	8.69	10.67	0.59
Rignano	477			Bridge											
Rignano	476	Max WS	UF_Tr200_d3_APP	11.87	374.12	375.22	375.25	375.61	0.016999	2.78			4.27	6.11	1.06
Rignano	476	Max WS	UF_Tr200_d6_APP	7.46	374.12	375.00	375.02	375.31	0.017476	2.47			3.03	5.33	1.05
Rignano	476	Max WS	UF_Tr200_d1_APP	16.69	374.12	375.40	375.45	375.88	0.017056	3.05			5.47	6.77	1.08
Rignano	470	Max WS	UF_Tr200_d3_APP	12.59	372.77	374.04	374.06	374.45	0.016725	2.84			4.43	5.96	1.05
Rignano	470	Max WS	UF_Tr200_d6_APP	7.93	372.77	373.79	373.80	374.13	0.016838	2.55			3.11	4.93	1.03
Rignano	470	Max WS	UF_Tr200_d1_APP	17.16	372.77	374.22	374.26	374.70	0.016778	3.07			5.59	6.70	1.07
Rignano	460	Max WS	UF_Tr200_d3_APP	13.62	370.98	372.31	372.42	372.85	0.021971	3.27			4.17	5.45	1.19
Rignano	460	Max WS	UF_Tr200_d6_APP	8.60	370.98	372.07	372.14	372.50	0.021667	2.91			2.95	4.55	1.15
Rignano	460	Max WS	UF_Tr200_d1_APP	17.84	370.98	372.48	372.72	373.09	0.022377	3.46			5.16	6.31	1.22
Rignano	450	Max WS	UF_Tr200_d3_APP	14.64	368.79	370.11	370.27	370.72	0.026382	3.46			4.23	5.93	1.31
Rignano	450	Max WS	UF_Tr200_d6_APP	9.27	368.79	369.88	370.00	370.37	0.025544	3.09			3.00	4.89	1.26
Rignano	450	Max WS	UF_Tr200_d1_APP	18.53	368.79	370.24	370.42	370.93	0.026493	3.68			5.04	6.47	1.33
Rignano	445.19			Lat Struct											
Rignano	442	Max WS	UF_Tr200_d3_APP	15.52	366.62	368.87	367.69	368.91	0.000695	0.96	0.24		17.34	13.39	0.24
Rignano	442	Max WS	UF_Tr200_d6_APP	9.92	366.62	368.23	367.45	368.28	0.001247	1.02			9.77	8.77	0.31
Rignano	442	Max WS	UF_Tr200_d1_APP	18.08	366.62	369.16	367.79	369.20	0.000534	0.93	0.28	0.07	21.38	15.00	0.22
Rignano	441			Bridge											
Rignano	440	Max WS	UF_Tr200_d3_APP	15.52	366.47	367.61		367.95	0.011444	2.57			6.03	7.16	0.90
Rignano	440	Max WS	UF_Tr200_d6_APP	9.92	366.47	367.38		367.63	0.011038	2.23			4.45	6.43	0.86
Rignano	440	Max WS	UF_Tr200_d1_APP	18.08	366.47	367.72		368.08	0.010994	2.64			6.84	7.54	0.89
Rignano	430	Max WS	UF_Tr200_d3_APP	16.63	365.42	366.42	366.45	366.80	0.015919	2.73			6.09	8.88	1.05
Rignano	430	Max WS	UF_Tr200_d6_APP	10.58	365.42	366.22	366.23	366.52	0.016743	2.43			4.36	7.94	1.05
Rignano	430	Max WS	UF_Tr200_d1_APP	19.90	365.42	366.52	366.55	366.93	0.015663	2.86			6.95	9.32	1.06
Rignano	420	Max WS	UF_Tr200_d3_APP	17.65	363.36	365.04		365.45	0.012296	2.82			6.25	6.56	0.92
Rignano	420	Max WS	UF_Tr200_d6_APP	11.25	363.36	364.76		365.07	0.011910	2.48			4.53	5.67	0.89
Rignano	420	Max WS	UF_Tr200_d1_APP	20.63	363.36	365.14	365.09	365.59	0.012547	2.97			6.95	6.86	0.94
Rignano	410	Max WS	UF_Tr200_d3_APP	18.67	362.27	363.72	363.76	364.20	0.016309	3.08			6.06	7.16	1.07
Rignano	410	Max WS	UF_Tr200_d6_APP	11.91	362.27	363.47	363.49	363.85	0.016342	2.72			4.38	6.32	1.04
Rignano	410	Max WS	UF_Tr200_d1_APP	21.36	362.27	363.80	363.86	364.33	0.016419	3.21			6.66	7.43	1.08
Rignano	400	Max WS	UF_Tr200_d3_APP	19.69	360.64	362.12	362.20	362.62	0.014407	3.18	0.13	0.62	6.79	10.52	1.02
Rignano	400	Max WS	UF_Tr200_d6_APP	12.58	360.64	361.85	361.88	362.26	0.015737	2.82		0.28	4.51	7.04	1.03
Rignano	400	Max WS	UF_Tr200_d1_APP	22.10	360.64	362.19	362.27	362.72	0.013986	3.29	0.23	0.75	7.55	10.87	1.02
Rignano	390	Max WS	UF_Tr200_d3_APP	20.71	358.95	360.63		361.08	0.011742	2.98			6.95	6.24	0.90
Rignano	390	Max WS	UF_Tr200_d6_APP	13.25	358.95	360.34		360.67	0.010866	2.55			5.19	5.69	0.85
Rignano	390	Max WS	UF_Tr200_d1_APP	22.84	358.95	360.70		361.19	0.012058	3.09			7.39	6.37	0.92
Rignano	380	Max WS	UF_Tr200_d3_APP	21.73	358.27	359.37	359.48	359.93	0.020358	3.32			6.54	8.38	1.20
Rignano	380	Max WS	UF_Tr200_d6_APP	13.92	358.27	359.15	359.22	359.58	0.020983	2.92			4.76	7.63	1.18
Rignano	380	Max WS	UF_Tr200_d1_APP	23.59	358.27	359.41	359.53	360.00	0.020265	3.40			6.93	8.51	1.20
Rignano	370	Max WS	UF_Tr200_d3_APP	22.75	355.92	357.44	357.56	357.91	0.014663	3.16	0.73	0.33	9.35	19.86	1.03
Rignano	370	Max WS	UF_Tr200_d6_APP	14.59	355.92	357.21	357.34	357.64	0.017177	2.90	0.27		5.33	14.44	1.08
Rignano	370	Max WS	UF_Tr200_d1_APP	24.34	355.92	357.47	357.59	357.95	0.014599	3.22	0.79	0.37	9.98	20.26	1.04
Rignano	360	Max WS	UF_Tr200_d3_APP	23.77	354.08	355.53	355.89	356.61	0.044527	4.61			5.16	7.09	1.73
Rignano	360	Max WS	UF_Tr200_d6_APP	15.26	354.08	355.30	355.59	356.19	0.045377	4.20			3.64	5.83	1.70
Rignano	360	Max WS	UF_Tr200_d1_APP	25.09	354.08	355.56	355.92	356.67	0.044394	4.66			5.38	7.26	1.73
Rignano	358	Max WS	UF_Tr200_d3_APP	23.83	354.01	355.36		355.68	0.009434	2.51			9.48	10.51	0.85
Rignano	358	Max WS	UF_Tr200_d6_APP	15.30	354.01	355.12		355.36	0.009013	2.16			7.08	9.59	0.80
Rignano	358	Max WS	UF_Tr200_d1_APP	25.14	354.01	355.39		355.72	0.009536	2.56			9.80	10.63	0.85
Rignano	356	Max WS	UF_Tr200_d3_APP	23.88	353.99	355.31		355.56	0.009420	2.19		0.10	10.89	15.36	0.83
Rignano	356	Max WS	UF_Tr200_d6_APP	15.34	353.99	355.07		355.28	0.010516	2.04			7.51	12.70	0.85
Rignano	356	Max WS	UF_Tr200_d1_APP	25.18	353.99	355.34		355.59	0.009216	2.22		0.16	11.36	15.68	0.82
Rignano	354	Max WS	UF_Tr200_d3_APP	23.93	353.97	355.26		355.61	0.011400	2.62			9.13	11.09	0.92
Rignano	354	Max WS	UF_Tr200_d6_APP	15.37	353.97	355.02		355.29	0.011928	2.34			6.57	9.84	0.91
Rignano	354	Max WS	UF_Tr200_d1_APP	25.22	353.97	355.29		355.65	0.011411	2.66			9.48	11.25	0.93
Rignano	350	Max WS	UF_Tr200_d3_APP	24.78	352.81	354.35		354.71	0.010756	2.65			9.34	10.49	0.90
Rignano	350	Max WS	UF_Tr200_d6_APP	15.93	352.81	354.06		354.36	0.011410	2.44			6.54	8.74	0.90
Rignano	350	Max WS	UF_Tr200_d1_APP	25.85	352.81	354.38		354.75	0.010777	2.69			9.62	10.63	0.90
Rignano	340	Max WS	UF_Tr200_d3_APP	25.80	351.49	353.32	353.27	353.84	0.011398	3.21	0.40		8.52	11.48	0.91
Rignano	340	Max WS	UF_Tr200_d6_APP	16.60	351.49	353.00		353.39	0.011213	2.76	0.11		6.01	6.16	0.87
Rignano	340	Max WS	UF_Tr200_d1_APP	26.62	351.49	353.34	353.36	353.87	0.011477	3.25	0.45		8.77	11.55	0.91
Rignano	333.99			Lat Struct											
Rignano	332	Max WS	UF_Tr200_d3_APP	26.61	350.60	352.23	352.39	352.95	0.020671	3.75			7.09	7.34	1.22
Rignano	332	Max WS	UF_Tr200_d6_APP	17.13	350.60	352.00	352.05	352.50	0.017137	3.12			5.50	6.57	1.09
Rignano	332	Max WS	UF_Tr200_d1_APP	27.23	350.60	352.24	352.41	352.97	0.020935	3.79			7.18	7.38	1.23
Rignano	330	Max WS	UF_Tr200_d3_APP	24.90	350.51	351.86	351.97	352.45	0.016176	3.48	0.95	1.02	8.17	10.90	1.13
Rignano	330	Max WS	UF_Tr200_d6_APP	16.71	350.51	351.67	351.74	352.12	0.016013	2.99	0.62	0.76	6.13	10.50	1.08
Rignano	330	Max WS	UF_Tr200_d1_APP	25.37	350.51	351.87	351.98	352.47	0.016404	3.52	0.97	1.03	8.24	10.91	1.14
Rignano	320	Max WS	UF_Tr200_d3_APP	24.75	349.22	351.01		351.45	0.007199	3.03	0.77	0.78	9.69	9.30	0.79
Rignano	320	Max WS	UF_Tr200_d6_APP	17.84	349.22	350.66	350.60	351.10	0.009847	2.97	0.68	0.51	6.52	7.90	0.88
Rignano	320	Max WS	UF_Tr200_d1_APP	24.88	349.22	351.01		351.45	0.007333	3.05	0.77	0.79	9.67	9.30	0.79
Rignano	312	Max WS	UF_Tr200_d3_APP	28.59	348.07	350.56	349.77	350.74	0.002790	1.89			15.16	9.14	0.47
Rignano	312	Max WS	UF_Tr200_d6_APP	18.45	348.07	349.94	349.43	350.12	0.003816	1.87			9.86	7.84	0.53
Rignano	312	Max WS	UF_Tr200_d1_APP	28.50	348.07	350.56	349.76	350.74	0.002795	1.89			15.12	9.13	0.47

HEC-RAS River: Rignano Reach: Rignano Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Rignano	311			Bridge											
Rignano	310	Max WS	UF_Tr200_d3_APP	28.59	347.97	349.79		350.26	0.010148	3.01			9.51	7.75	0.87
Rignano	310	Max WS	UF_Tr200_d6_APP	18.45	347.97	349.46		349.81	0.009816	2.61			7.06	7.08	0.84
Rignano	310	Max WS	UF_Tr200_d1_APP	28.50	347.97	349.79		350.25	0.010193	3.01			9.47	7.74	0.87
Rignano	303.99			Lat Struct											
Rignano	303.98			Lat Struct											
Rignano	300	Max WS	UF_Tr200_d3_APP	28.88	346.92	348.65	348.61	349.11	0.011411	3.01	0.49		10.00	12.06	0.93
Rignano	300	Max WS	UF_Tr200_d6_APP	19.11	346.92	348.43		348.75	0.009730	2.51	0.17		7.64	9.61	0.84
Rignano	300	Max WS	UF_Tr200_d1_APP	28.62	346.92	348.65	348.61	349.10	0.011416	3.00	0.48		9.93	12.06	0.93
Rignano	290	Max WS	UF_Tr200_d3_APP	26.29	346.17	347.37	347.52	348.05	0.018293	3.96	1.55	1.25	8.73	11.30	1.23
Rignano	290	Max WS	UF_Tr200_d6_APP	19.12	346.17	347.23	347.33	347.75	0.016607	3.43	1.35	0.96	7.15	10.95	1.14
Rignano	290	Max WS	UF_Tr200_d1_APP	25.99	346.17	347.36	347.52	348.03	0.018284	3.94	1.54	1.24	8.65	11.28	1.23
Rignano	283.99			Lat Struct											
Rignano	280	Max WS	UF_Tr200_d3_APP	26.67	344.47	345.97	345.95	346.40	0.011371	2.97	0.16	0.79	9.69	11.58	0.93
Rignano	280	Max WS	UF_Tr200_d6_APP	18.93	344.47	345.75	345.74	346.12	0.012523	2.71		0.51	7.27	10.55	0.94
Rignano	280	Max WS	UF_Tr200_d1_APP	26.17	344.47	345.95	345.94	346.39	0.011473	2.95	0.14	0.77	9.54	11.54	0.93
Rignano	270	Max WS	UF_Tr200_d3_APP	27.82	342.73	344.56	344.61	345.10	0.015528	3.27	0.19	0.51	8.64	10.19	1.07
Rignano	270	Max WS	UF_Tr200_d6_APP	20.82	342.73	344.38	344.42	344.84	0.016397	3.01			6.91	8.63	1.07
Rignano	270	Max WS	UF_Tr200_d1_APP	27.27	342.73	344.54	344.60	345.08	0.015669	3.25	0.16	0.48	8.50	10.15	1.08
Rignano	261.99			Lat Struct											
Rignano	260	Max WS	UF_Tr200_d3_APP	30.52	341.38	343.10	343.08	343.58	0.011007	3.10	0.57		10.34	11.70	0.93
Rignano	260	Max WS	UF_Tr200_d6_APP	21.51	341.38	342.86	342.80	343.25	0.010938	2.77	0.34		7.84	8.95	0.91
Rignano	260	Max WS	UF_Tr200_d1_APP	29.62	341.38	343.08	343.06	343.55	0.010954	3.06	0.53		10.11	11.66	0.93
Rignano	250	Max WS	UF_Tr200_d3_APP	33.13	340.35	342.07	342.02	342.57	0.010467	3.15	0.61		10.89	10.56	0.91
Rignano	250	Max WS	UF_Tr200_d6_APP	22.46	340.35	341.81		342.18	0.009872	2.71	0.24		8.32	8.90	0.86
Rignano	250	Max WS	UF_Tr200_d1_APP	32.12	340.35	342.04	341.99	342.54	0.010498	3.12	0.57		10.63	10.52	0.91
Rignano	240	Max WS	UF_Tr200_d3_APP	32.90	339.23	340.97	340.98	341.43	0.011819	3.11	1.00		11.80	13.45	0.97
Rignano	240	Max WS	UF_Tr200_d6_APP	22.61	339.23	340.75	340.74	341.12	0.011481	2.75	0.66		8.94	12.92	0.93
Rignano	240	Max WS	UF_Tr200_d1_APP	31.66	339.23	340.94	340.95	341.40	0.011791	3.07	0.97		11.47	13.39	0.96
Rignano	233.99			Lat Struct											
Rignano	233.98			Lat Struct											
Rignano	230	Max WS	UF_Tr200_d3_APP	32.70	338.14	339.84	339.93	340.49	0.014262	4.11	1.60	1.47	11.70	11.83	1.10
Rignano	230	Max WS	UF_Tr200_d6_APP	23.24	338.14	339.63	339.69	340.15	0.013826	3.62	1.31	1.34	9.21	11.30	1.06
Rignano	230	Max WS	UF_Tr200_d1_APP	31.47	338.14	339.82	339.91	340.45	0.014254	4.05	1.57	1.46	11.38	11.76	1.10
Rignano	220	Max WS	UF_Tr200_d3_APP	29.86	337.29	338.69		339.06	0.008133	3.02	1.22	0.80	14.13	16.79	0.85
Rignano	220	Max WS	UF_Tr200_d6_APP	21.20	337.29	338.49		338.79	0.007917	2.66	1.02	0.67	10.94	15.28	0.82
Rignano	220	Max WS	UF_Tr200_d1_APP	28.59	337.29	338.66		339.02	0.008100	2.97	1.19	0.78	13.68	16.60	0.85
Rignano	210	Max WS	UF_Tr200_d3_APP	33.26	336.13	337.80	337.83	338.36	0.010907	3.33	0.75	0.61	10.90	11.97	0.95
Rignano	210	Max WS	UF_Tr200_d6_APP	24.80	336.13	337.63	337.57	338.06	0.010482	2.95	0.45	0.46	8.80	10.97	0.91
Rignano	210	Max WS	UF_Tr200_d1_APP	32.18	336.13	337.78	337.80	338.32	0.010853	3.29	0.71	0.58	10.64	11.97	0.95
Rignano	200	Max WS	UF_Tr200_d3_APP	27.14	335.44	336.97		337.15	0.003503	1.91	0.67	0.51	16.08	15.64	0.55
Rignano	200	Max WS	UF_Tr200_d6_APP	23.59	335.44	336.77		336.97	0.005038	2.03	0.68	0.43	12.90	15.64	0.64
Rignano	200	Max WS	UF_Tr200_d1_APP	26.58	335.44	336.95		337.12	0.003620	1.92	0.67	0.50	15.68	15.64	0.56
Rignano	199.7			Lat Struct											
Rignano	199	Max WS	UF_Tr200_d3_APP	27.16	334.14	336.89		336.97	0.000928	1.23	0.17	0.30	23.74	16.36	0.29
Rignano	199	Max WS	UF_Tr200_d6_APP	24.62	334.14	336.67		336.75	0.001196	1.28	0.03	0.26	20.09	14.94	0.32
Rignano	199	Max WS	UF_Tr200_d1_APP	26.67	334.14	336.86		336.94	0.000941	1.23	0.16	0.30	23.30	16.36	0.29
Rignano	198	Max WS	UF_Tr200_d3_APP	22.94	334.20	336.86	335.47	336.91	0.000493	1.13	0.45	0.44	29.16	13.60	0.23
Rignano	198	Max WS	UF_Tr200_d6_APP	20.77	334.20	336.64	335.42	336.69	0.000562	1.13	0.45	0.44	26.09	13.60	0.24
Rignano	198	Max WS	UF_Tr200_d1_APP	22.70	334.20	336.84	335.47	336.89	0.000502	1.13	0.45	0.44	28.79	13.60	0.23
Rignano	197.99			Bridge											
Rignano	197.98	Max WS	UF_Tr200_d3_APP	22.94	334.11	336.34		336.44	0.001252	1.53	0.59	0.58	20.76	13.16	0.35
Rignano	197.98	Max WS	UF_Tr200_d6_APP	20.77	334.11	336.20		336.29	0.001363	1.52	0.58	0.56	18.82	13.16	0.36
Rignano	197.98	Max WS	UF_Tr200_d1_APP	22.70	334.11	336.32		336.42	0.001279	1.54	0.59	0.58	20.46	13.16	0.35
Rignano	197.95			Lat Struct											
Rignano	197.89	Max WS	UF_Tr200_d3_APP	30.21	333.44	335.64	335.81	336.49	0.022316	4.10	0.52	0.47	7.44	7.15	1.21
Rignano	197.89	Max WS	UF_Tr200_d6_APP	25.00	333.44	335.50	335.65	336.25	0.023021	3.84	0.23	0.20	6.52	6.57	1.21
Rignano	197.89	Max WS	UF_Tr200_d1_APP	29.41	333.44	335.62	335.79	336.46	0.022381	4.06	0.48	0.43	7.30	7.08	1.21
Rignano	197.74	Max WS	UF_Tr200_d3_APP	29.16	331.71	333.34		333.49	0.003095	1.74	0.24	0.54	17.58	16.56	0.51
Rignano	197.74	Max WS	UF_Tr200_d6_APP	24.92	331.71	333.06		333.26	0.005605	1.96	0.03	0.51	13.13	15.91	0.66
Rignano	197.74	Max WS	UF_Tr200_d1_APP	28.56	331.71	333.26		333.43	0.003726	1.83	0.21	0.55	16.34	16.38	0.56
Rignano	197.64	Max WS	UF_Tr200_d3_APP	39.16	330.92	333.01		333.21	0.003112	1.96	0.34	0.19	20.50	18.42	0.53
Rignano	197.64	Max WS	UF_Tr200_d6_APP	25.78	330.92	332.71		332.85	0.003018	1.65	0.17		15.67	14.43	0.50
Rignano	197.64	Max WS	UF_Tr200_d1_APP	35.81	330.92	332.94		333.12	0.003108	1.89	0.30	0.19	19.23	16.56	0.52
Rignano	197.61	Max WS	UF_Tr200_d3_APP	39.16	330.80	332.90		333.33	0.008146	2.90			13.51	10.28	0.81
Rignano	197.61	Max WS	UF_Tr200_d6_APP	25.78	330.80	332.57		332.89	0.007432	2.51			10.28	9.16	0.76
Rignano	197.61	Max WS	UF_Tr200_d1_APP	35.82	330.80	332.83		333.23	0.008010	2.81			12.75	10.07	0.80
Rignano	197.40	Max WS	UF_Tr200_d3_APP	33.85	329.89	331.25	331.30	331.75	0.014749	3.23	1.37		11.47	12.99	1.08
Rignano	197.40	Max WS	UF_Tr200_d6_APP	23.58	329.89	331.06	331.09	331.45	0.014511	2.84	1.16		9.04	12.50	1.04
Rignano	197.40	Max WS	UF_Tr200_d1_APP	31.37	329.89	331.21	331.25	331.69	0.014683	3.14	1.32		10.92	12.88	1.07
Rignano	197.37	Max WS	UF_Tr200_d3_APP	33.85	329.63	330.94	331.07	331.66	0.017674	3.81	1.02	1.07	9.55	10.01	1.20
Rignano	197.37	Max WS	UF_Tr200_d6_APP	23.58	329.63	330.77	330.83	331.28	0.015875	3.20	0.90	0.82	7.84	10.01	1.11
Rignano	197.37	Max WS	UF_Tr200_d1_APP	31.37	329.63	330.90	331.01	331.57	0.017280	3.68	0.99	1.02	9.16	10.01	1.18
Rignano	197.365			Lat Struct											
Rignano	197.36			Lat Struct											

HEC-RAS River: Rignano Reach: Rignano Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Rignano	197.32	Max WS	UF_Tr200_d3_APP	16.02	328.98	330.45		330.78	0.009562	2.60	0.80	0.42	6.86	9.02	0.84
Rignano	197.32	Max WS	UF_Tr200_d6_APP	12.72	328.98	330.30	330.26	330.60	0.010524	2.46	0.67	0.27	5.62	8.51	0.86
Rignano	197.32	Max WS	UF_Tr200_d1_APP	15.19	328.98	330.41		330.74	0.009694	2.56	0.77	0.39	6.57	8.90	0.84
Rignano	197.16	Max WS	UF_Tr200_d3_APP	19.39	327.15	329.72		329.83	0.001951	1.52	0.29	0.16	13.02	8.91	0.38
Rignano	197.16	Max WS	UF_Tr200_d6_APP	14.81	327.15	329.24		329.38	0.003343	1.66			8.93	7.28	0.48
Rignano	197.16	Max WS	UF_Tr200_d1_APP	19.36	327.15	329.48		329.64	0.003389	1.80	0.20	0.15	10.87	8.91	0.49
Rignano	197	Max WS	UF_Tr200_d3_APP	33.23	326.33	329.61	328.10	329.68	0.000577	1.15	0.31	0.33	32.57	17.16	0.24
Rignano	197	Max WS	UF_Tr200_d6_APP	23.98	326.33	329.00	327.83	329.07	0.000873	1.16	0.22	0.22	22.04	17.08	0.28
Rignano	197	Max WS	UF_Tr200_d1_APP	27.39	326.33	329.22	327.94	329.29	0.000740	1.16	0.27	0.28	25.92	17.16	0.26
Rignano	196.98			Bridge											
Rignano	196.97	Max WS	UF_Tr200_d3_APP	33.22	326.38	328.53		329.03	0.010316	3.12		0.31	10.74	9.55	0.89
Rignano	196.97	Max WS	UF_Tr200_d6_APP	23.98	326.38	328.26		328.68	0.010545	2.85			8.43	7.87	0.88
Rignano	196.97	Max WS	UF_Tr200_d1_APP	27.39	326.38	328.37		328.81	0.010544	2.94		0.07	9.30	8.33	0.89
Rignano	196.79	Max WS	UF_Tr200_d3_APP	33.71	325.42	327.69		327.98	0.004294	2.40	0.37	0.41	14.69	12.15	0.61
Rignano	196.79	Max WS	UF_Tr200_d6_APP	24.01	325.42	327.40		327.62	0.004279	2.10	0.20	0.24	11.56	9.91	0.59
Rignano	196.79	Max WS	UF_Tr200_d1_APP	27.39	325.42	327.50		327.75	0.004322	2.21	0.28	0.30	12.60	10.55	0.60
Rignano	196.74			Bridge											
Rignano	196.72	Max WS	UF_Tr200_d3_APP	26.07	325.07	326.69	326.73	327.26	0.015231	3.32			7.85	7.82	1.06
Rignano	196.72	Max WS	UF_Tr200_d6_APP	20.62	325.07	326.56	326.55	327.02	0.013601	3.00			6.86	7.29	0.99
Rignano	196.72	Max WS	UF_Tr200_d1_APP	22.69	325.07	326.59	326.62	327.12	0.015112	3.20			7.08	7.39	1.04
Rignano	196.34	Max WS	UF_Tr200_d3_APP	-5.55	322.33	326.05	322.78	326.05	0.000007	-0.14	-0.04	-0.04	48.41	21.50	0.03
Rignano	196.34	Max WS	UF_Tr200_d6_APP	14.44	322.33	326.06	323.11	326.07	0.000046	0.37	0.11	0.11	48.62	21.50	0.07
Rignano	196.34	Max WS	UF_Tr200_d1_APP	-6.44	322.33	326.01	322.82	326.01	0.000010	-0.17	-0.05	-0.05	47.55	21.50	0.03

ALLEGATI

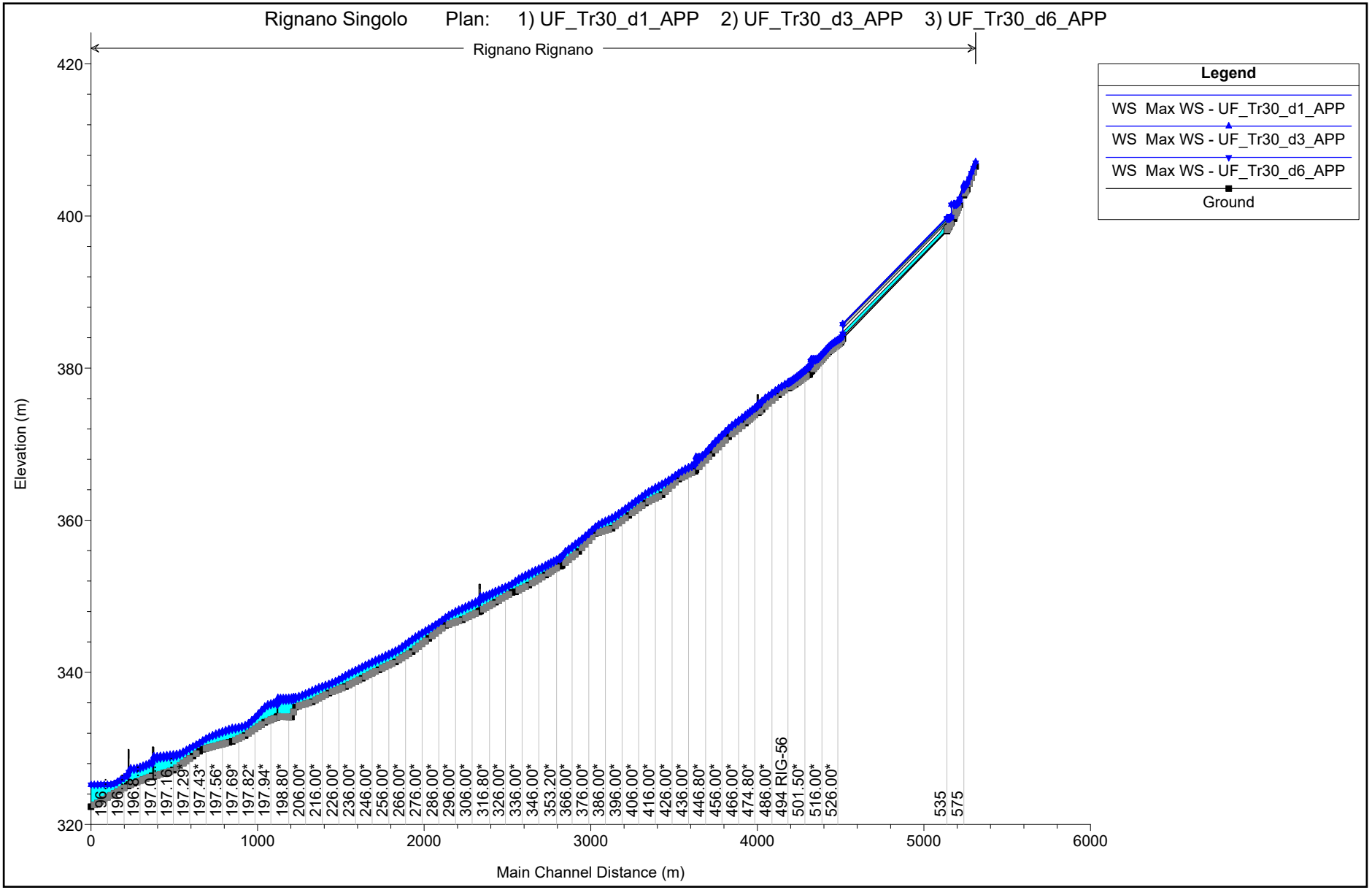
MODELLAZIONE HEC-RAS 5.0.7 "RIGNANO SINGOLO"

RIGNANO

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 1, 3 e 6 h

Profilo longitudinale


Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
Rignano Rignano
Legend
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Elevation (m)
Main Channel Distance (m)
420
400
380
360
340
320
0
1000
2000
3000
4000
5000
6000
196.18*
196.48*
197.04*
197.16*
197.29*
197.43*
197.56*
197.69*
197.82*
197.94*
198.80*
206.00*
216.00*
226.00*
236.00*
246.00*
256.00*
266.00*
276.00*
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396.00*
406.00*
416.00*
426.00*
436.00*
446.80*
456.00*
466.00*
474.80*
486.00*
494 RIG-56
501.50*
516.00*
526.00*
535
575

ALLEGATI

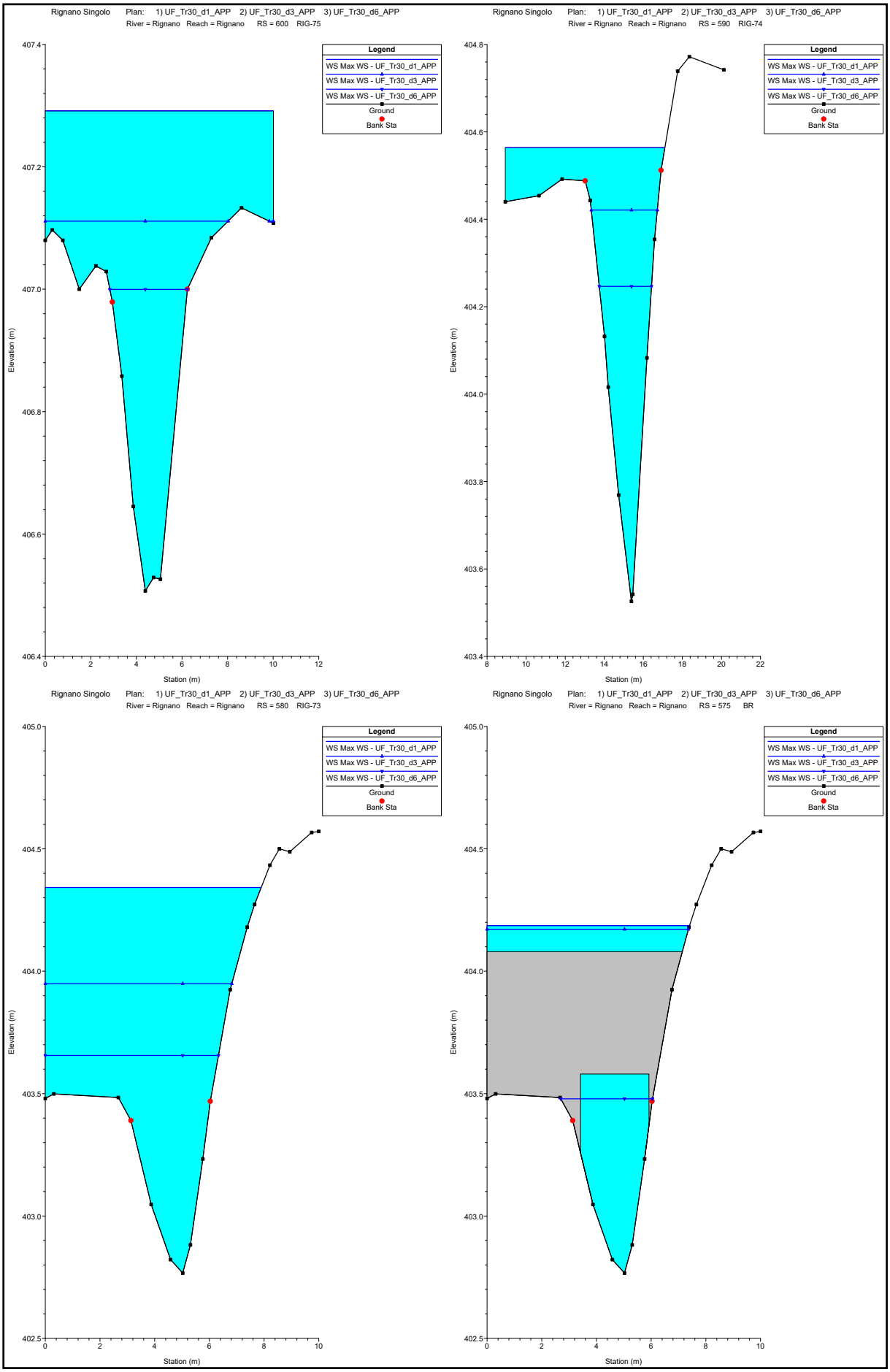
MODELLAZIONE HEC-RAS 5.0.7 "RIGNANO SINGOLO"

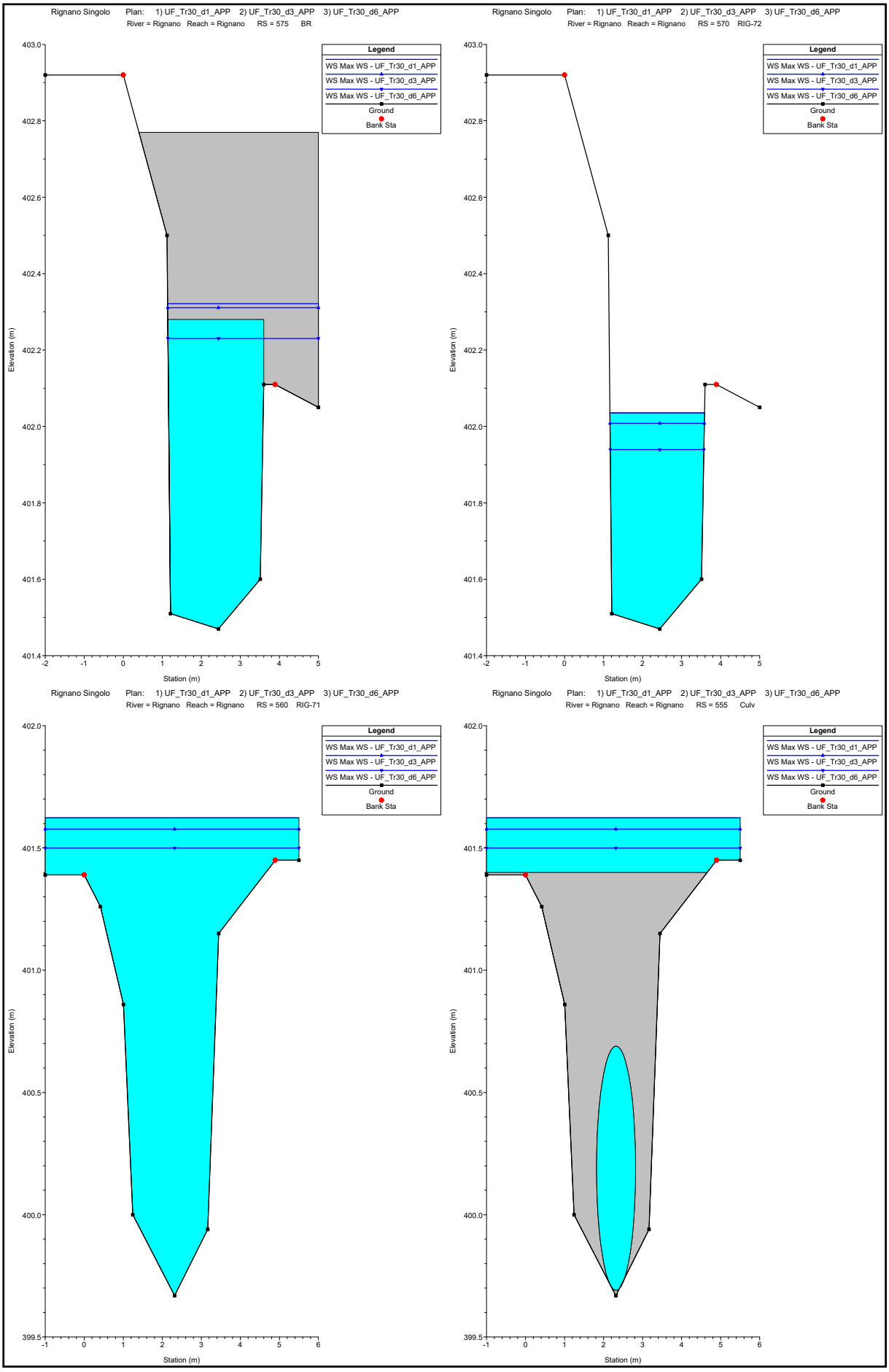
RIGNANO

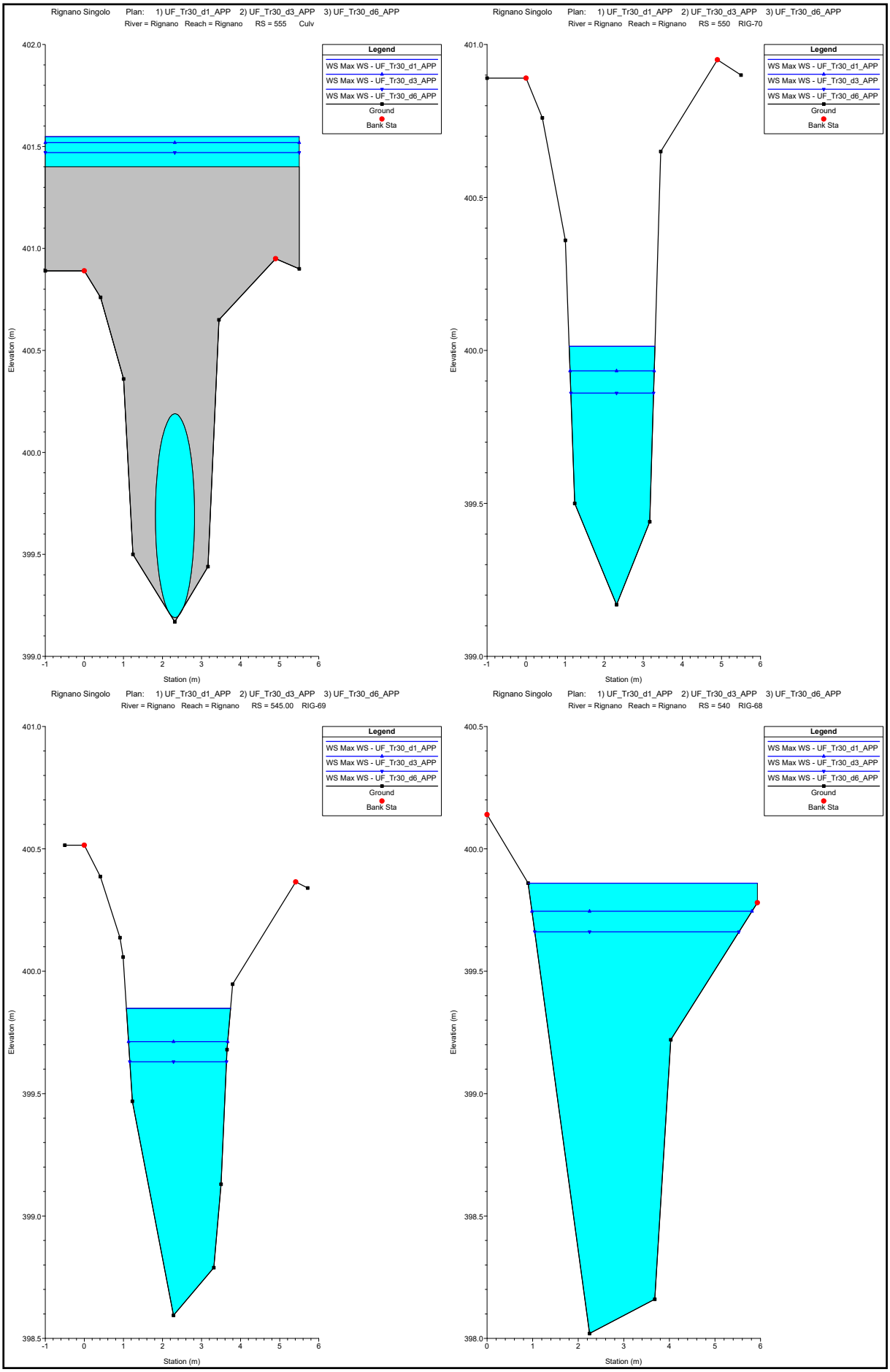
MODELLAZIONE PER TR= 30 anni

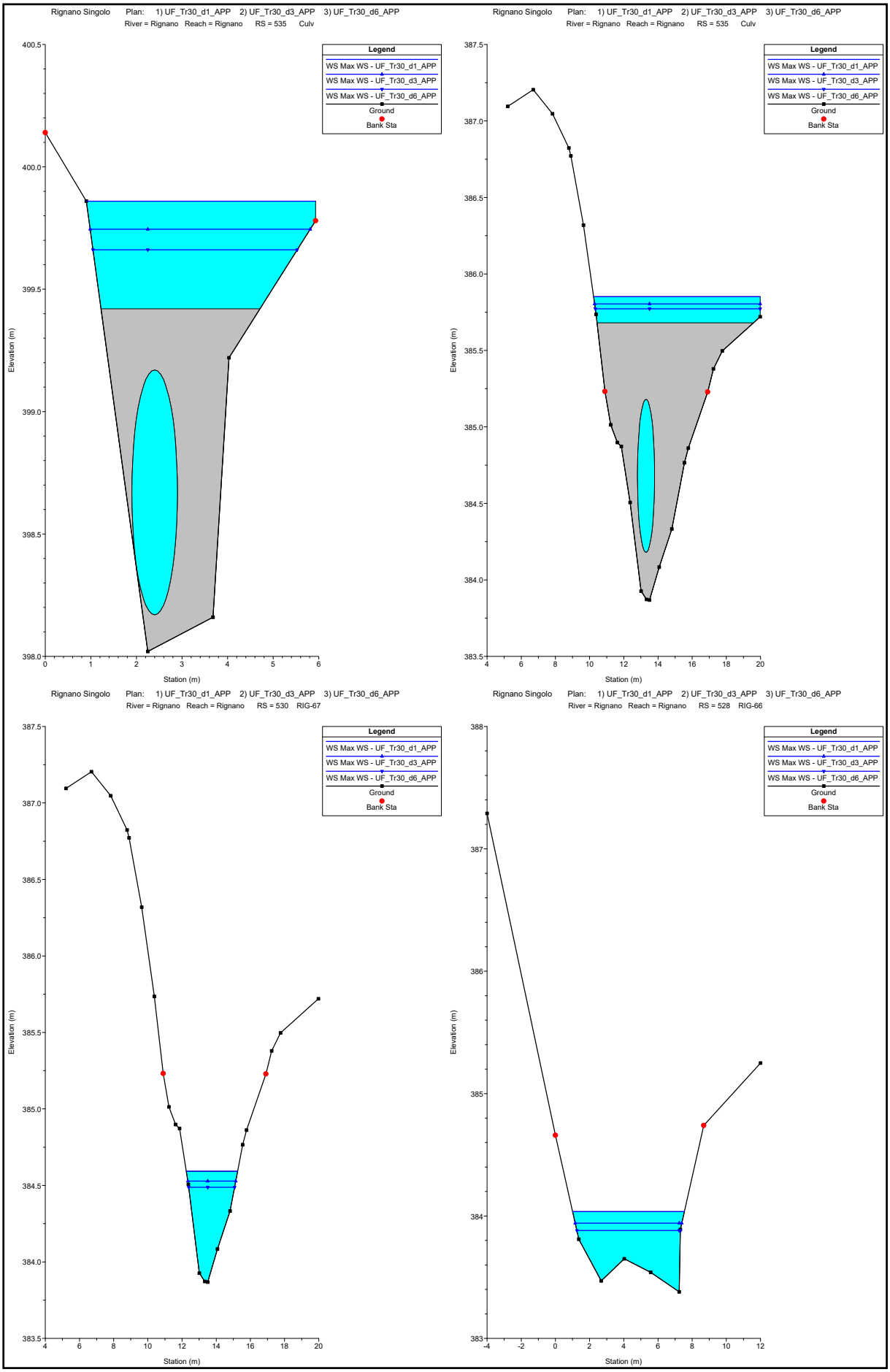
DURATE DI PIOGGIA: 1, 3 e 6 h

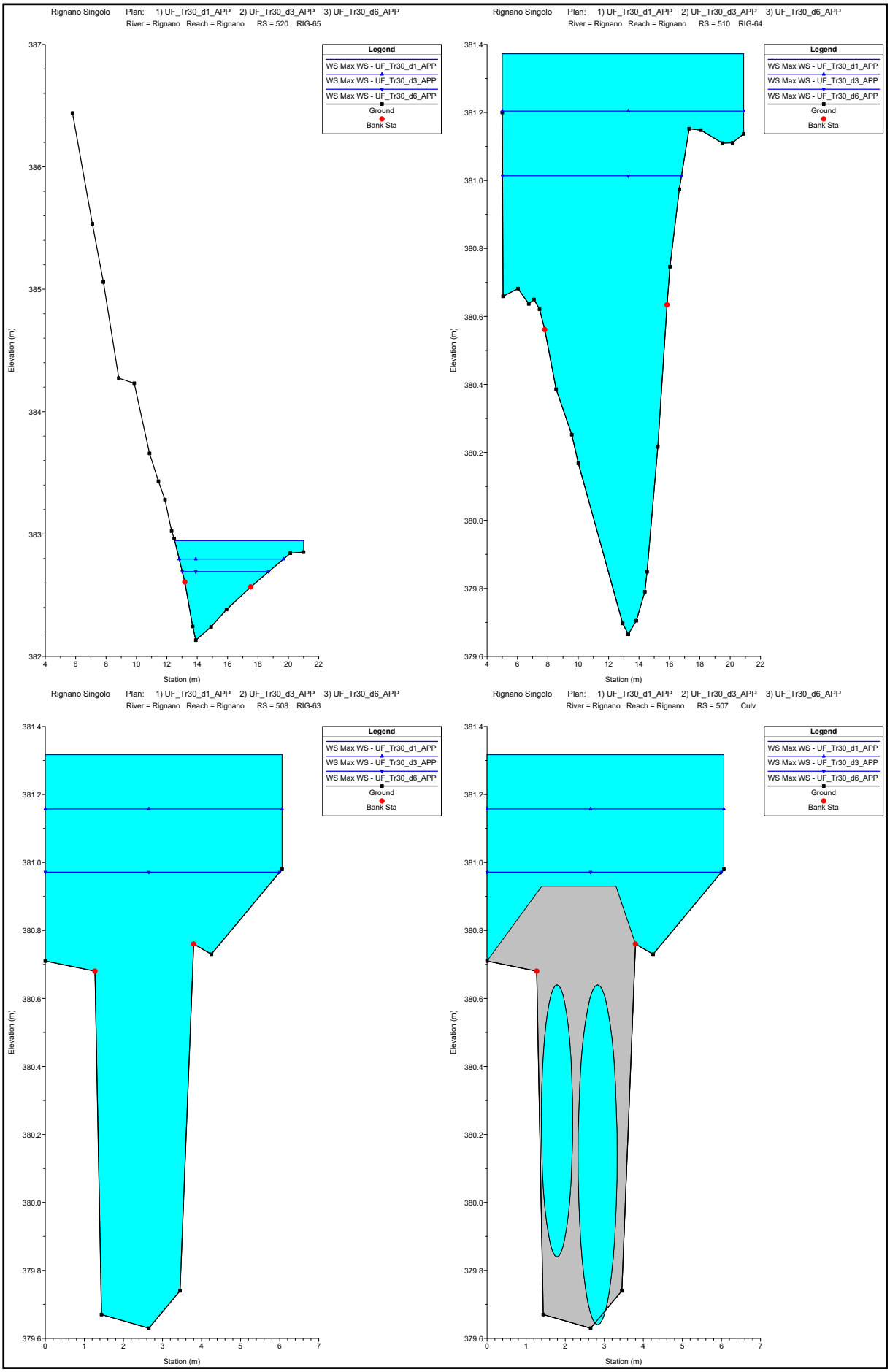
Sezioni Trasversali (da monte verso valle)

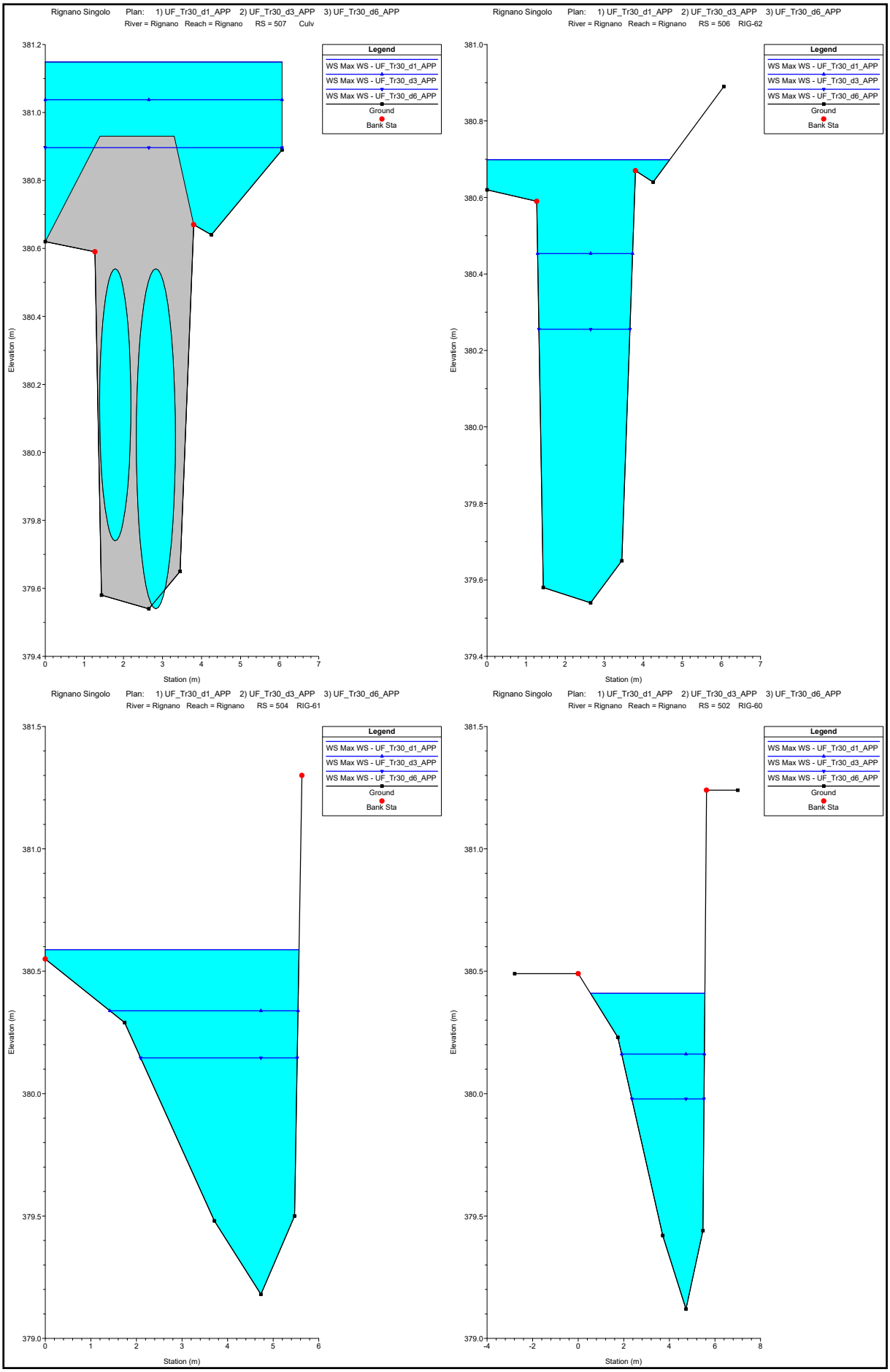

Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 600 RIG-75
Legend
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 590 RIG-74
Legend
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 580 RIG-73
Legend
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 575 BR
Legend
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)

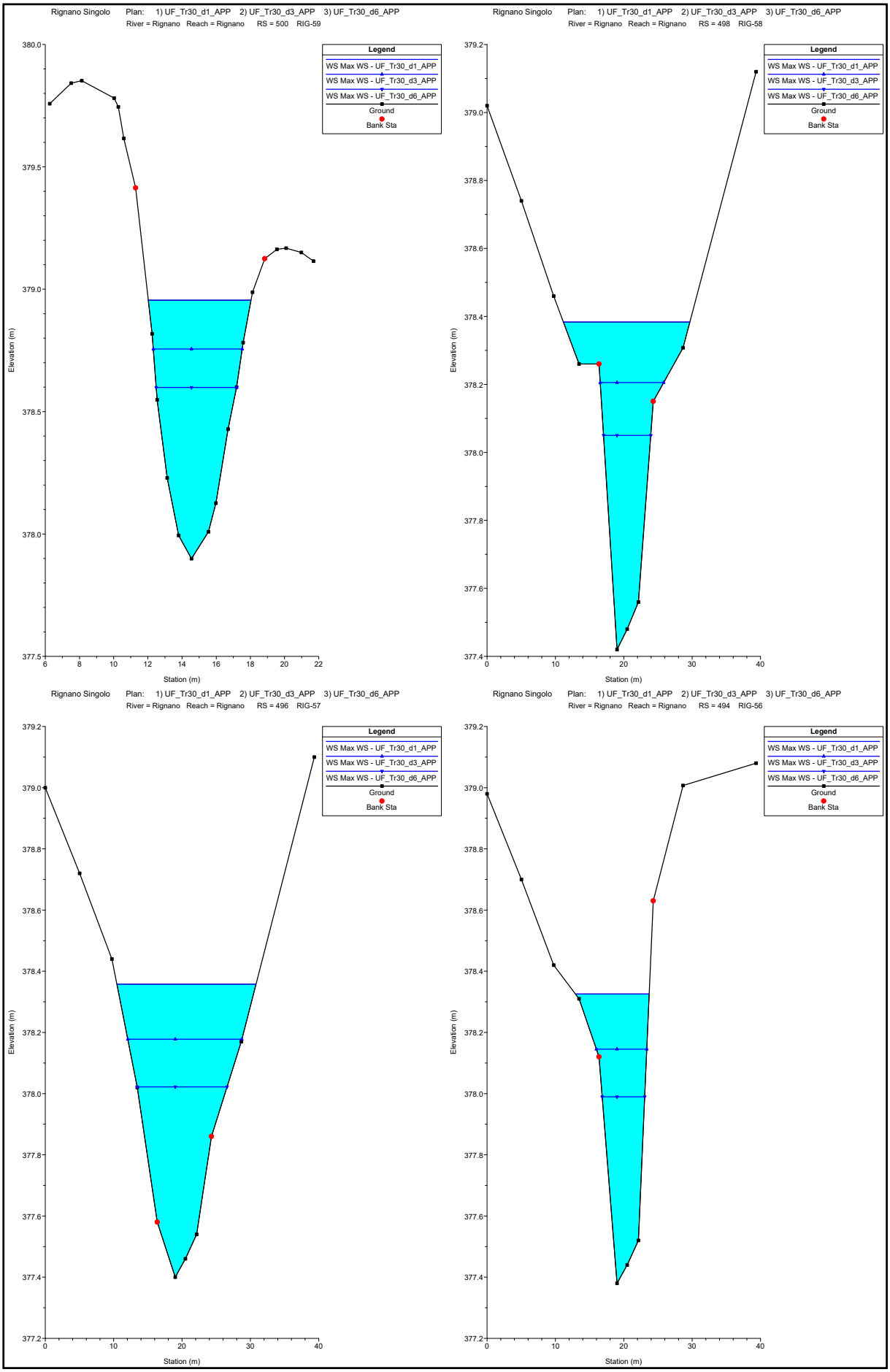

Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 575 BR
Legend
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 570 RIG-72
Legend
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 560 RIG-71
Legend
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 555 Culv
Legend
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)

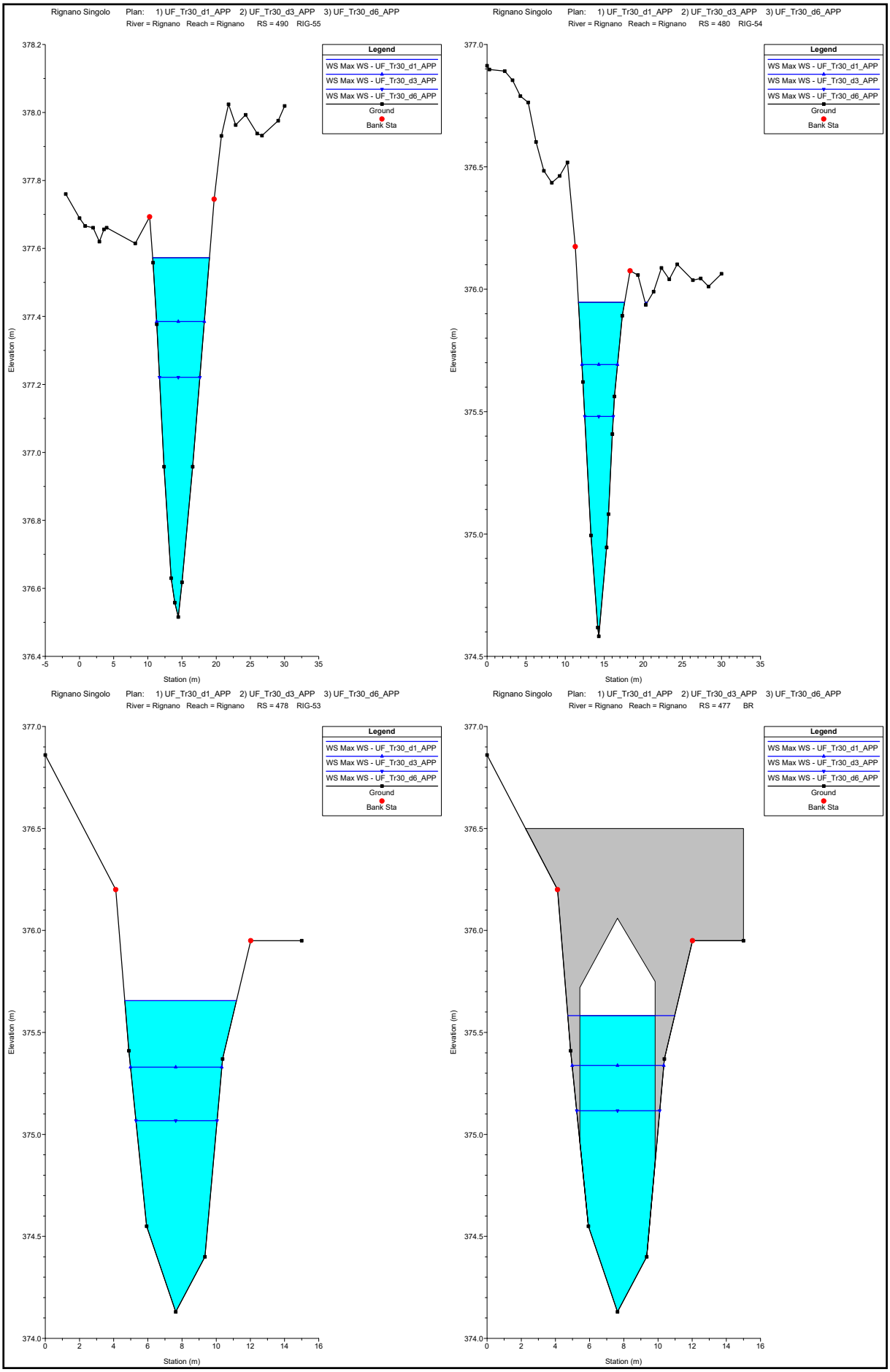

Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 555 Culv
Legend
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 550 RIG-70
Legend
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 545.00 RIG-69
Legend
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 540 RIG-68
Legend
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)

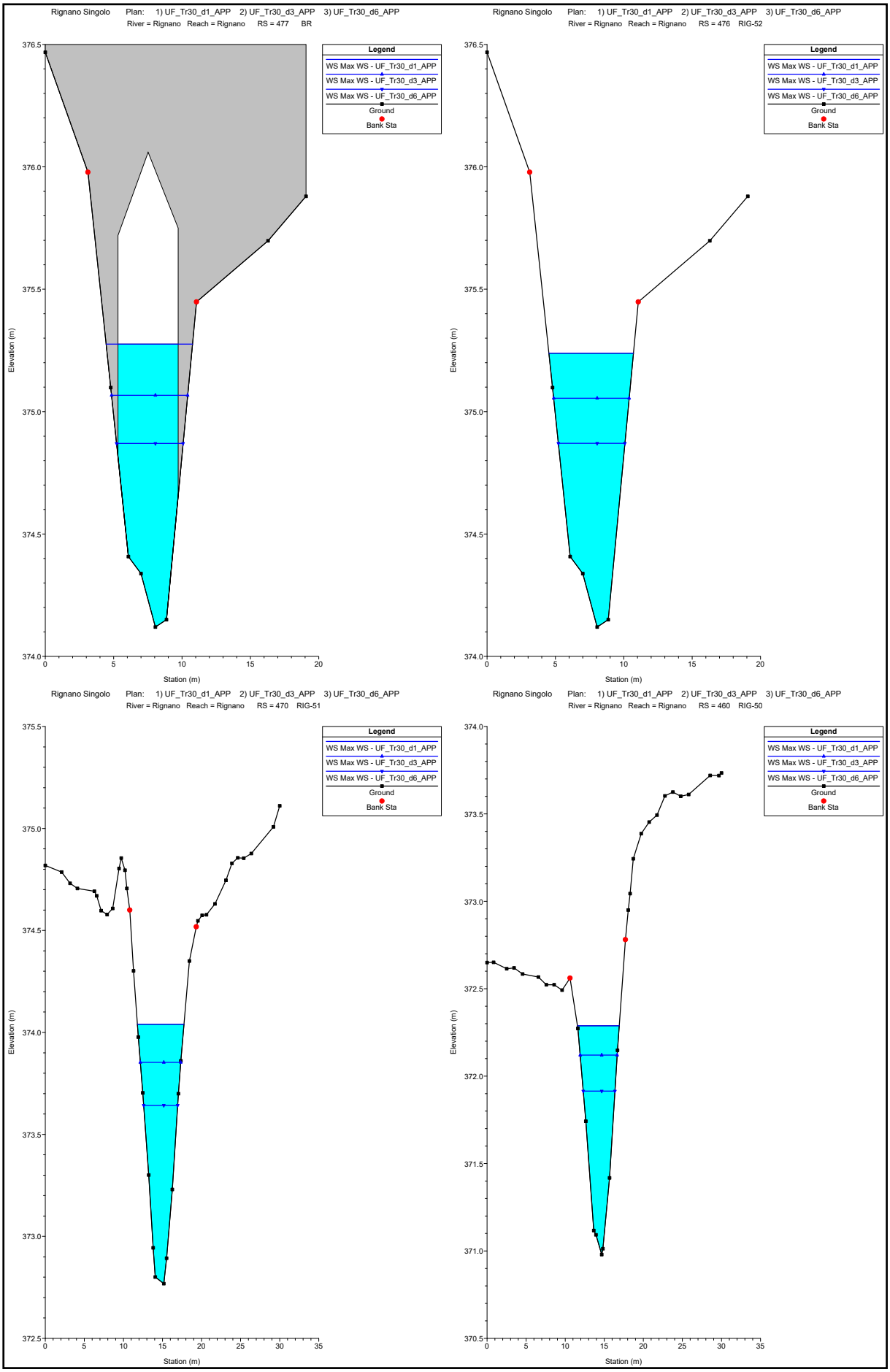

Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 535 Culv
Legend
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 535 Culv
Legend
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 530 RIG-67
Legend
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 528 RIG-66
Legend
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)

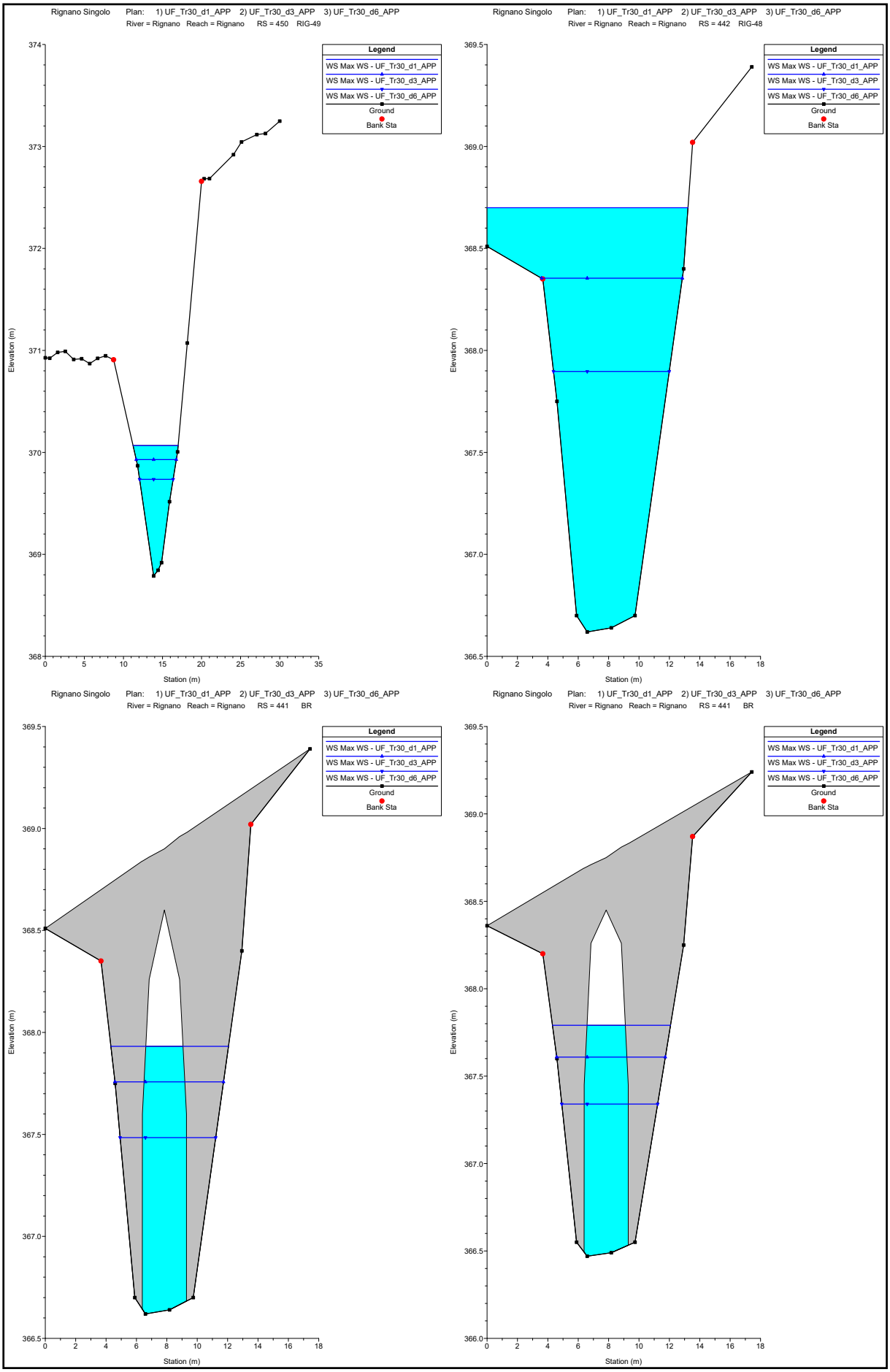

Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 520 RIG-65
Legend
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 510 RIG-64
Legend
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 508 RIG-63
Legend
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 507 Culv
Legend
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)

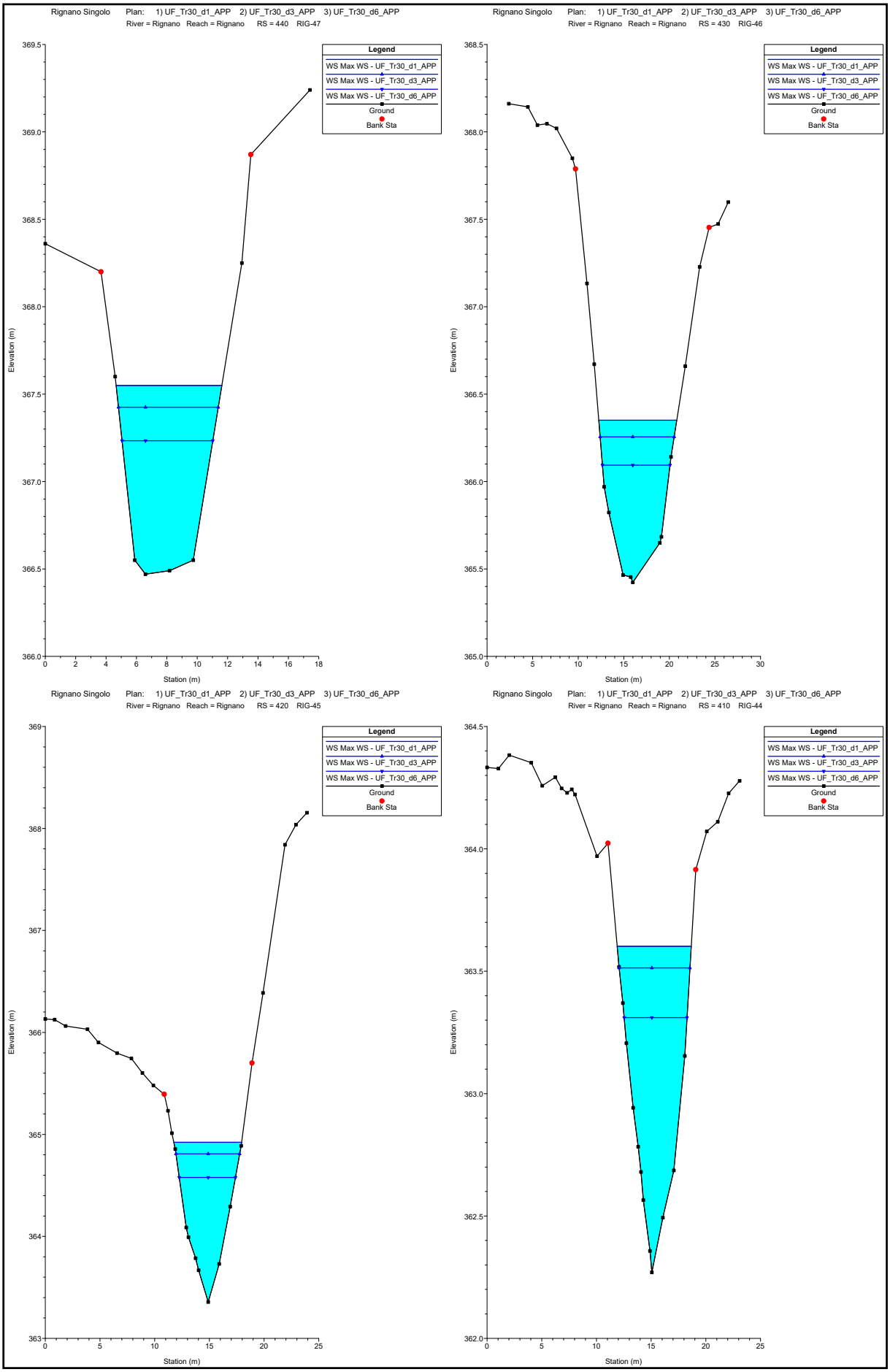

Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 507 Culv
Legend
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 506 RIG-62
Legend
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 504 RIG-61
Legend
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 502 RIG-60
Legend
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)

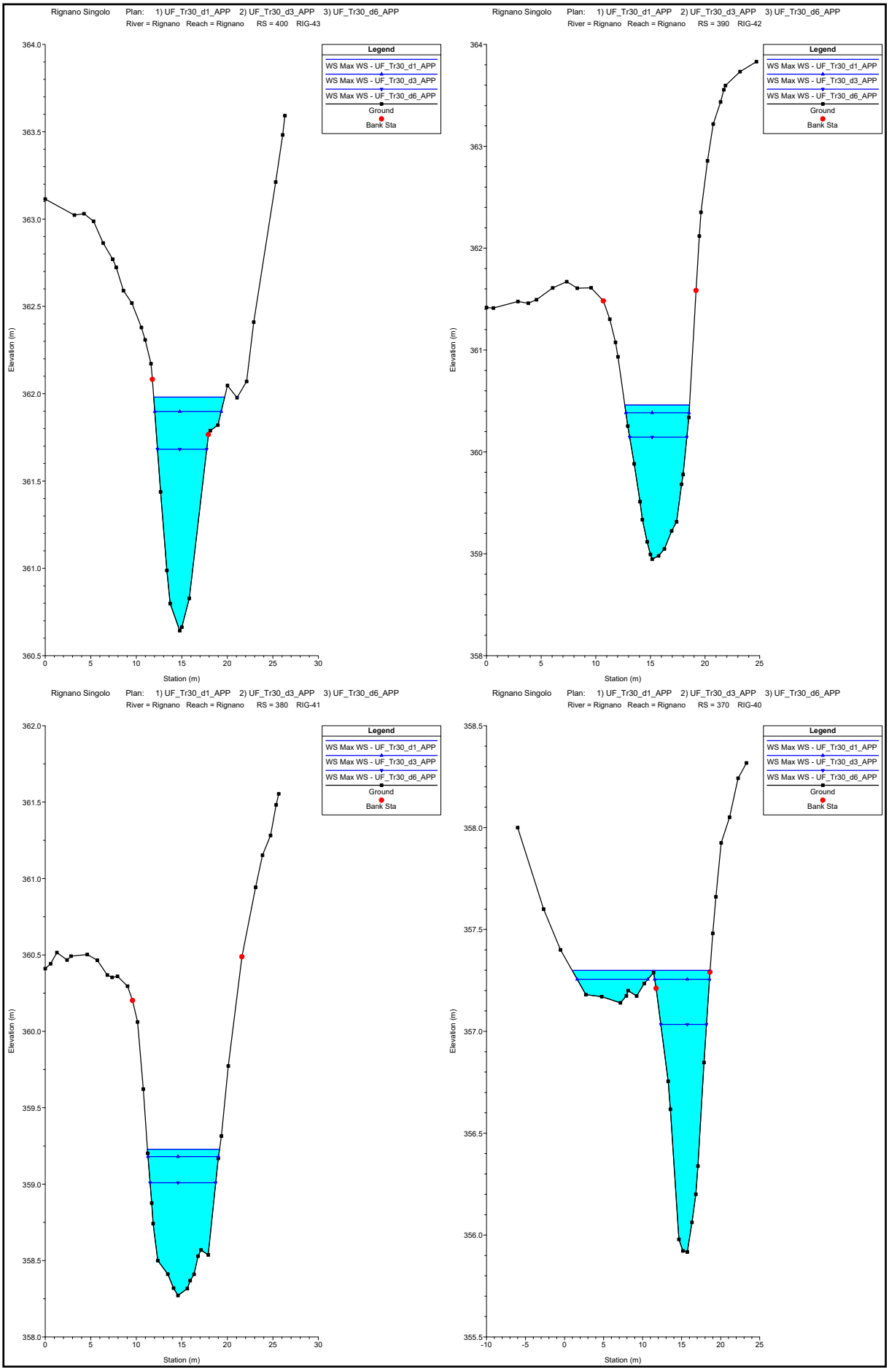

Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 500 RIG-59
Legend
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 498 RIG-58
Legend
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 496 RIG-57
Legend
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 494 RIG-56
Legend
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)

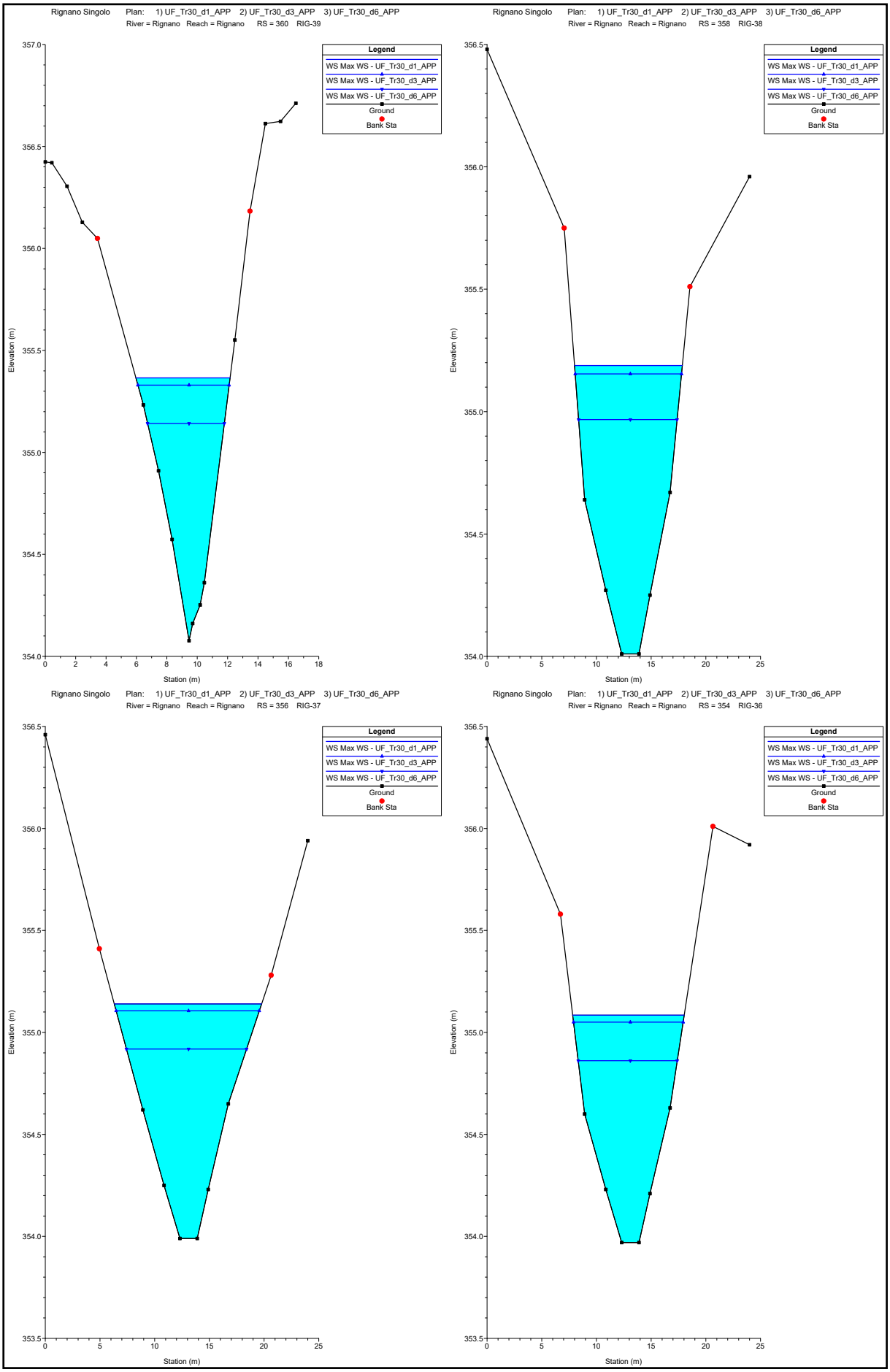

Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 490 RIG-55
Legend
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 480 RIG-54
Legend
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 478 RIG-53
Legend
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 477 BR
Legend
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)

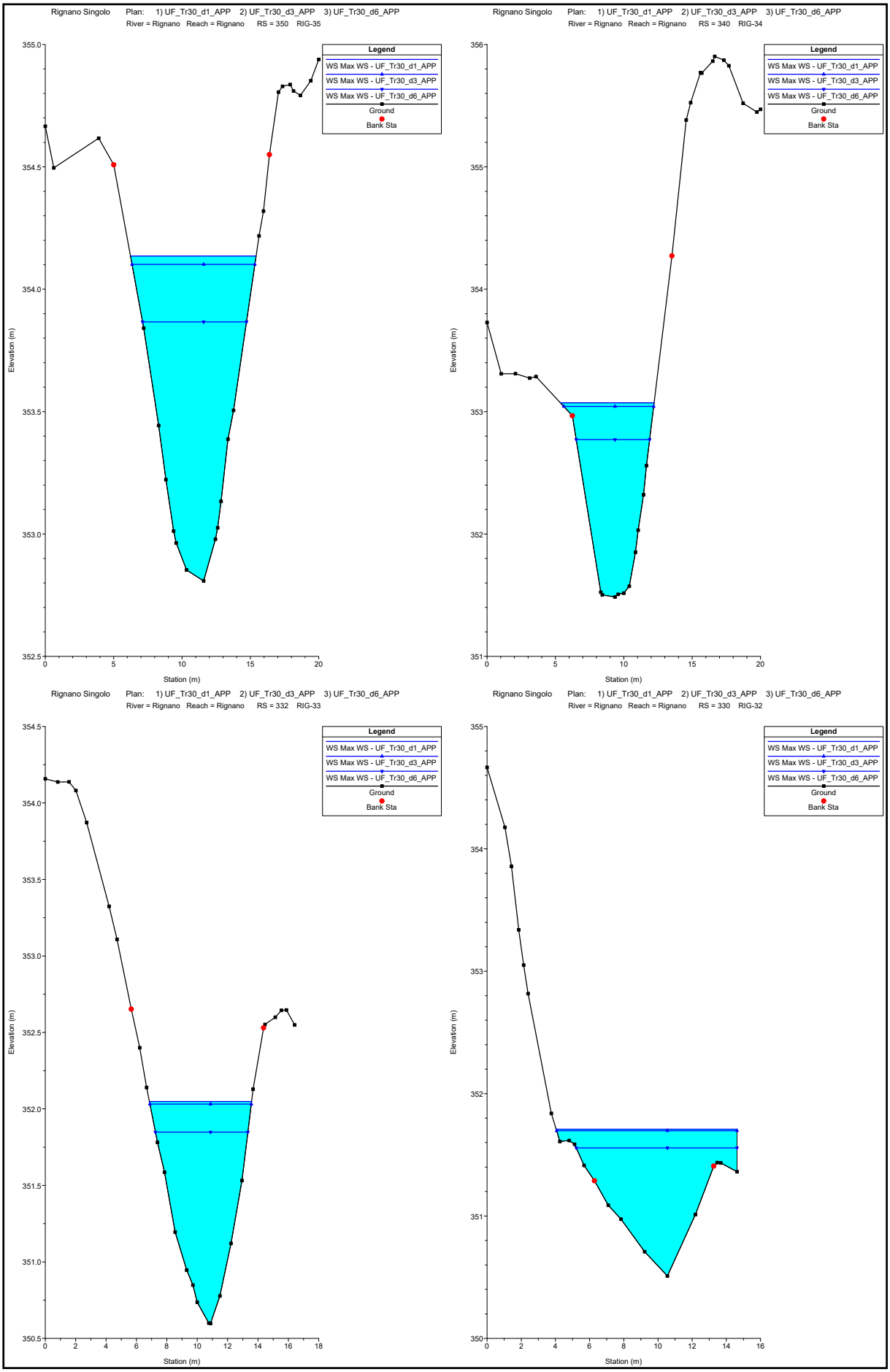

Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 477 BR
Legend
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 476 RIG-52
Legend
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 470 RIG-51
Legend
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 460 RIG-50
Legend
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)

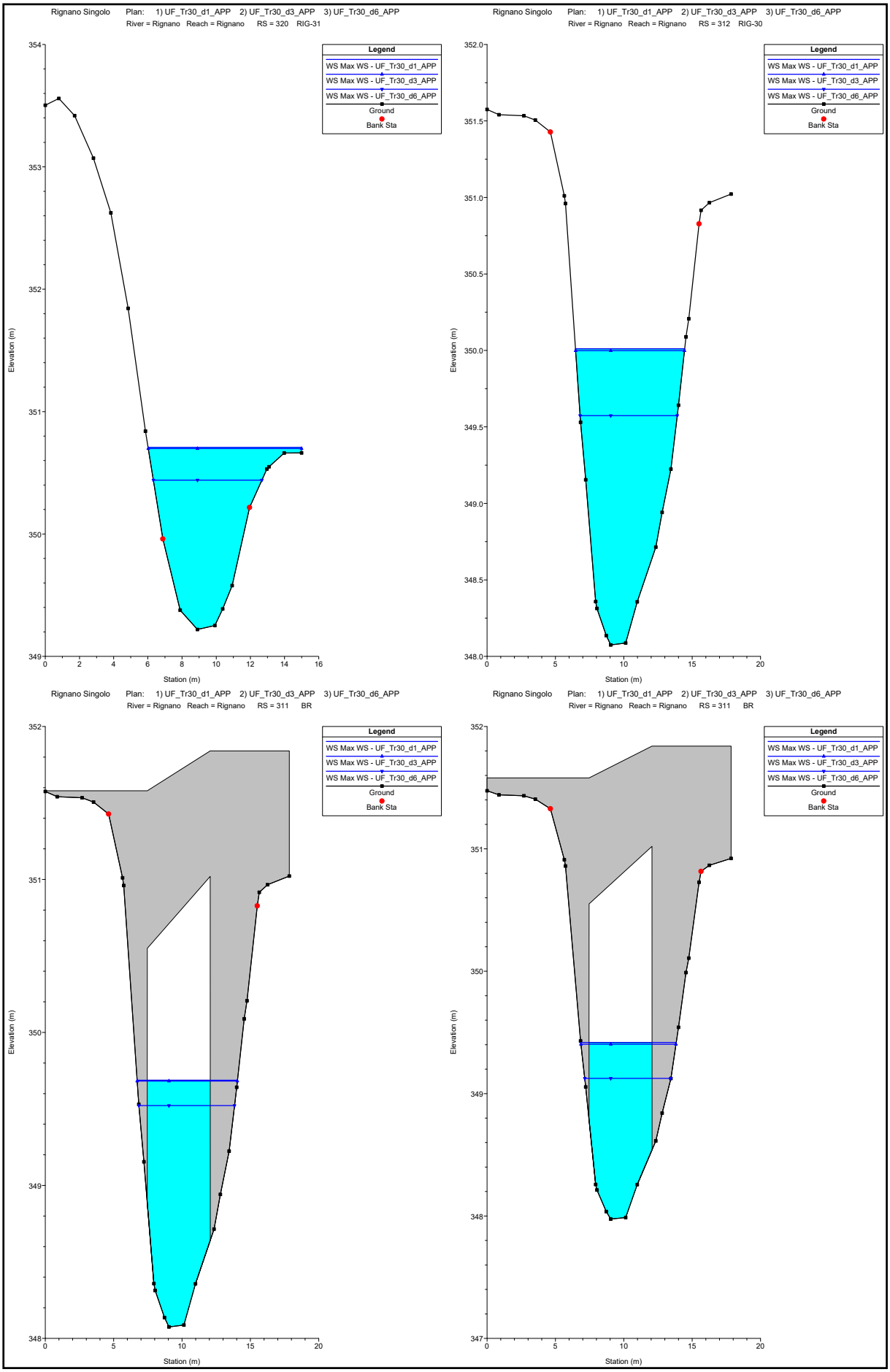

Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 450 RIG-49
Legend
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 442 RIG-48
Legend
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 441 BR
Legend
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 441 BR
Legend
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)

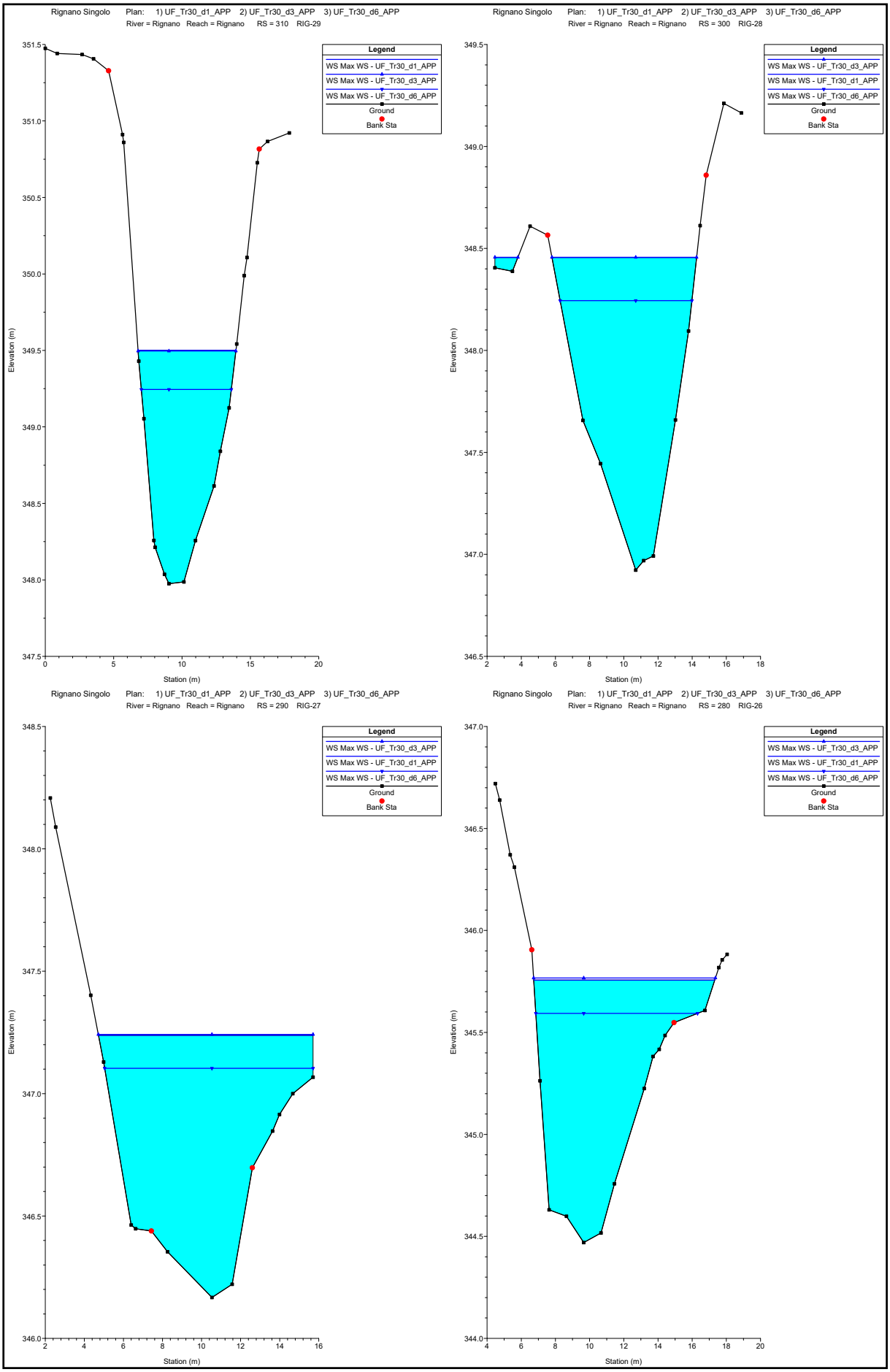

Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 440 RIG-47
Legend
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 430 RIG-46
Legend
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 420 RIG-45
Legend
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 410 RIG-44
Legend
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)

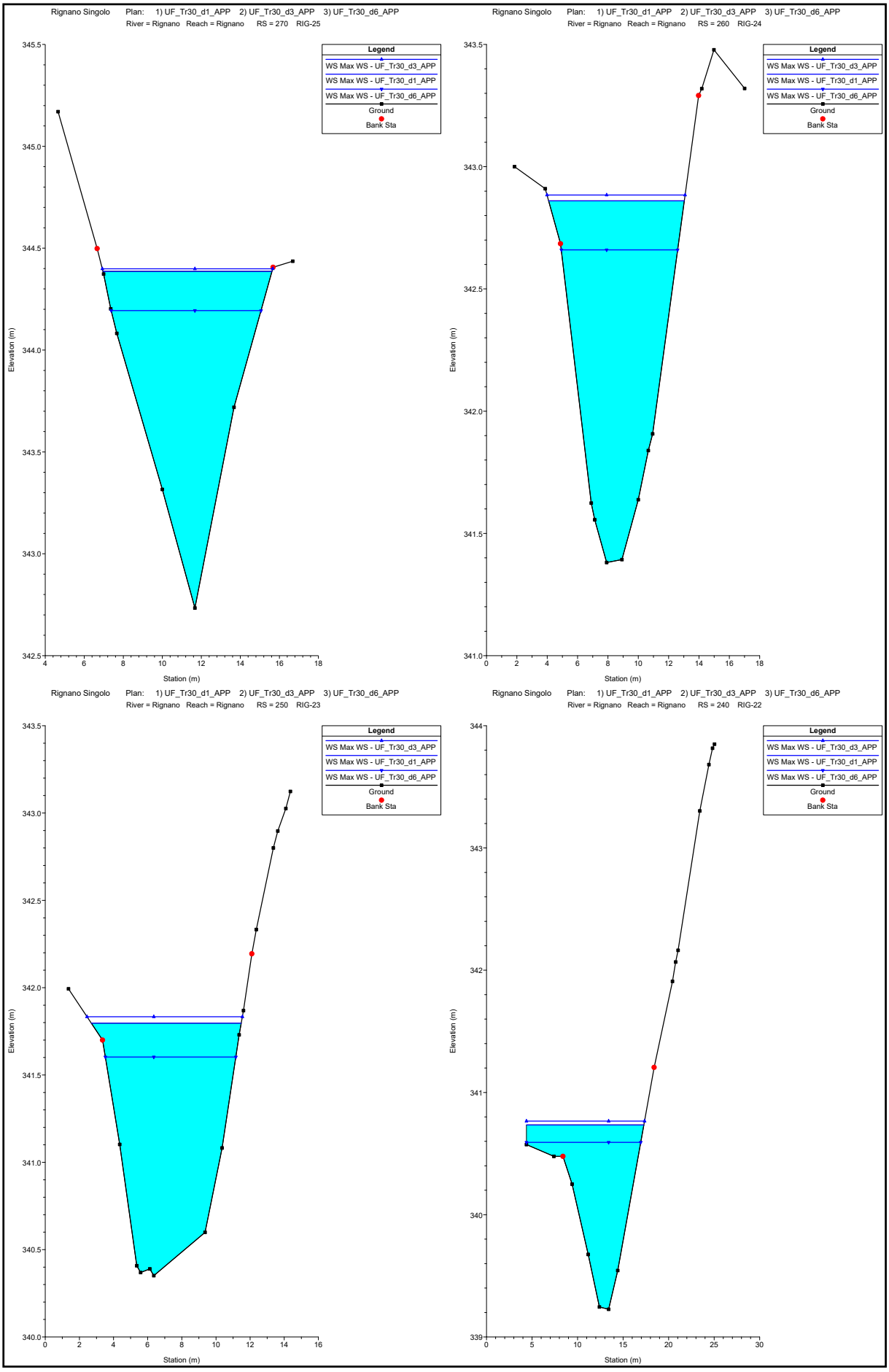

Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 400 RIG-43
Legend
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 390 RIG-42
Legend
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 380 RIG-41
Legend
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 370 RIG-40
Legend
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)

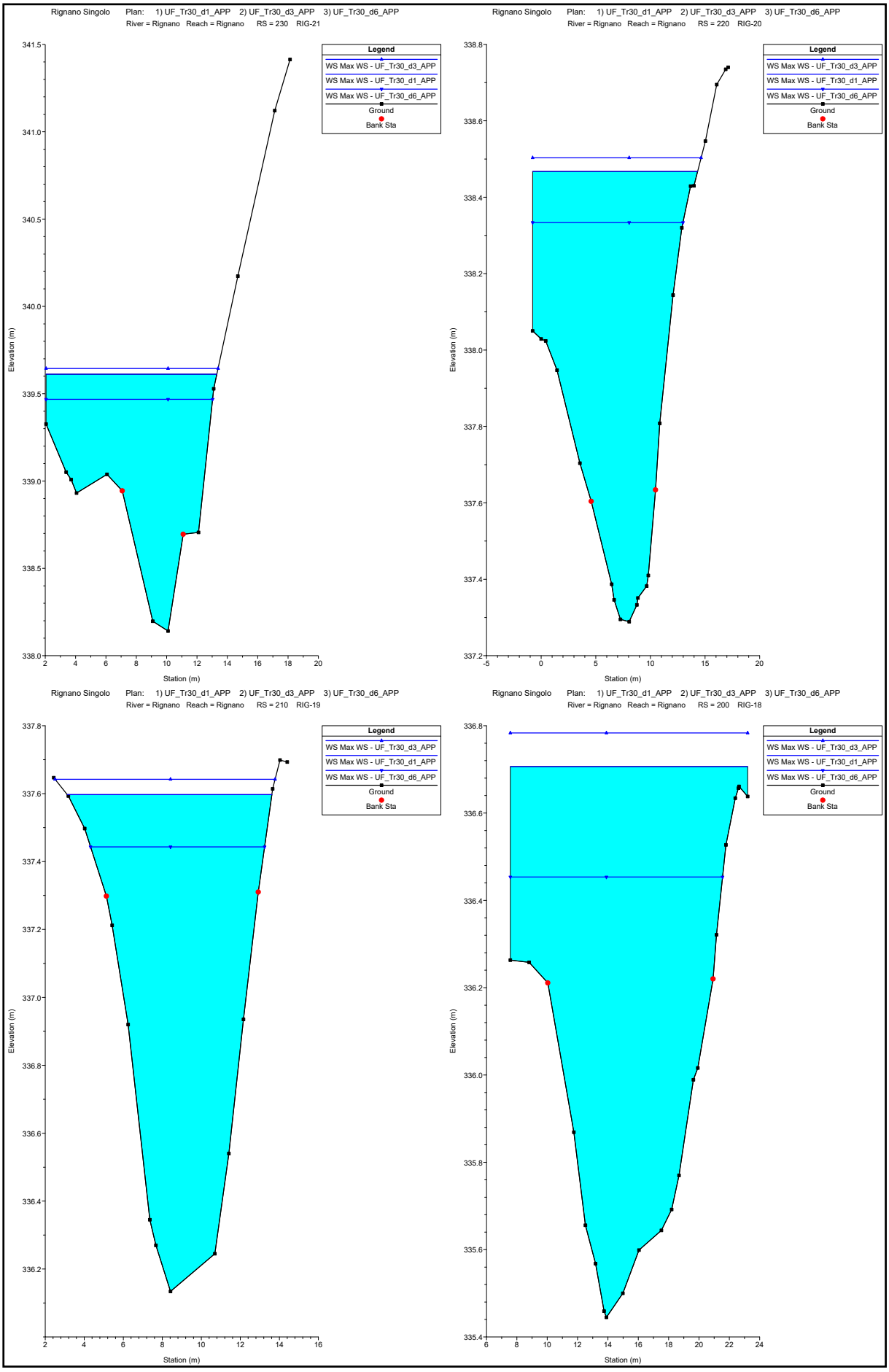

Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 360 RIG-39
Legend
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 358 RIG-38
Legend
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 356 RIG-37
Legend
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 354 RIG-36
Legend
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)

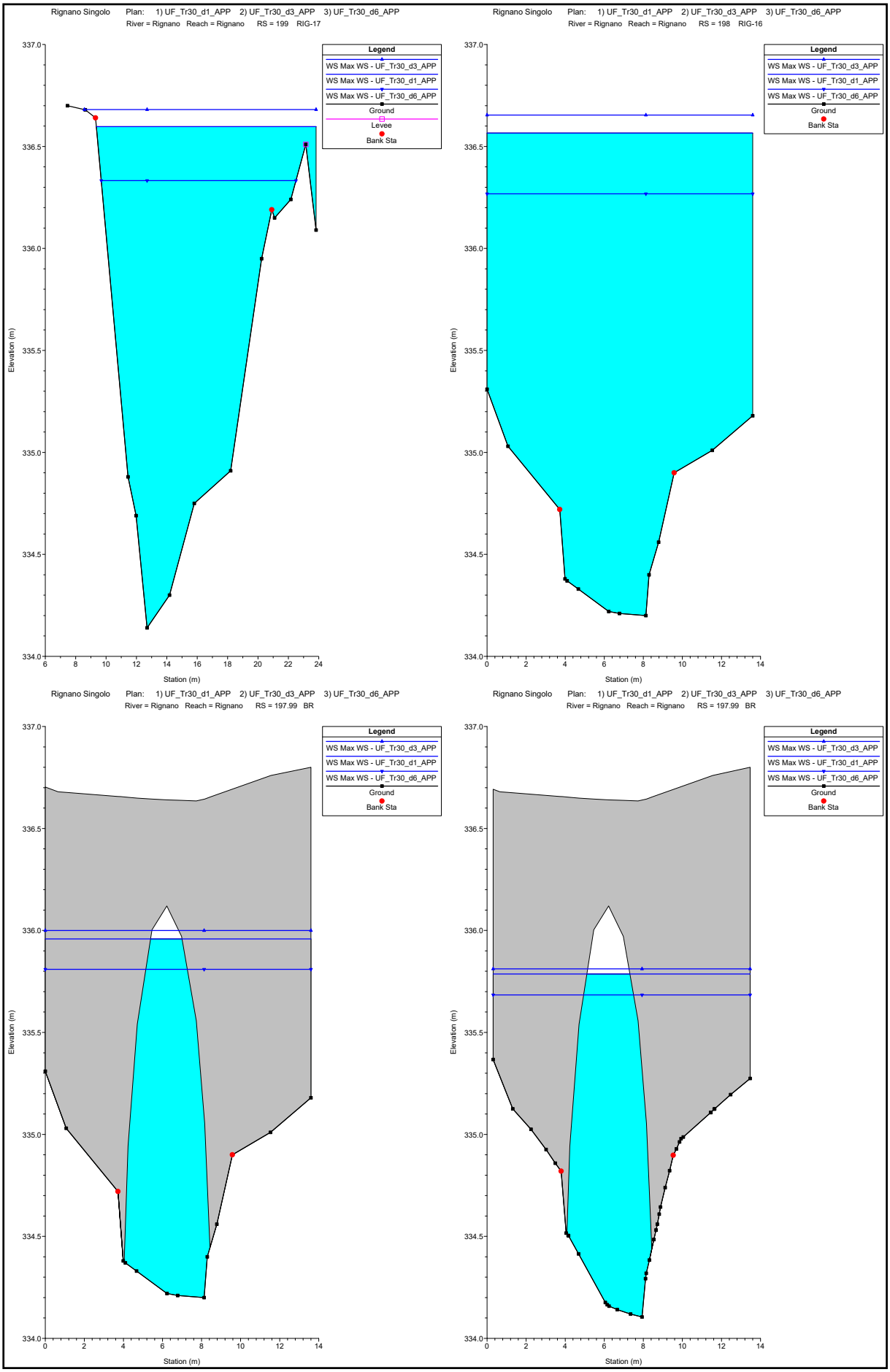

Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 350 RIG-35
Legend
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 340 RIG-34
Legend
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 332 RIG-33
Legend
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 330 RIG-32
Legend
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)

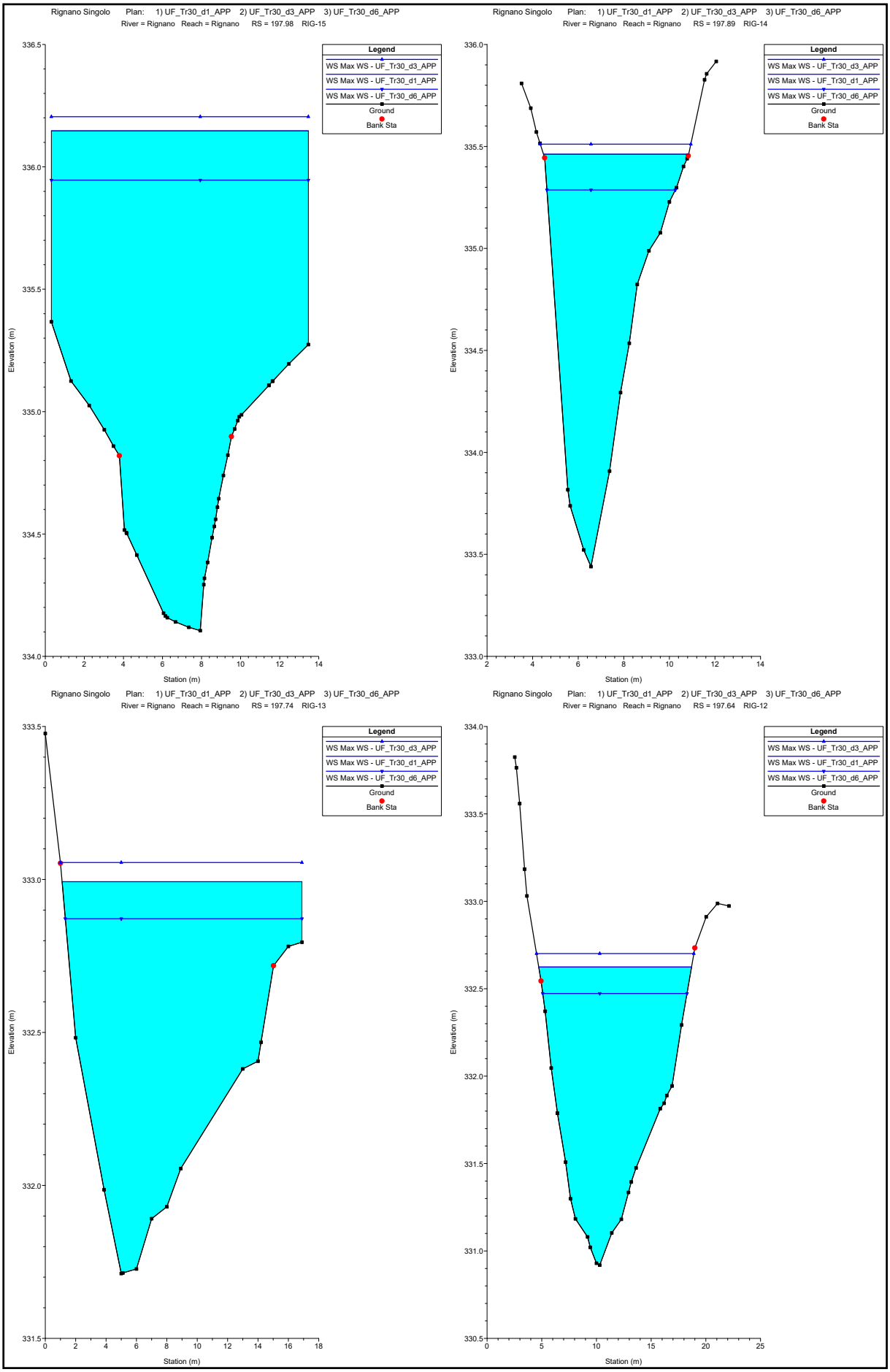

Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 320 RIG-31
Legend
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 312 RIG-30
Legend
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 311 BR
Legend
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 311 BR
Legend
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)

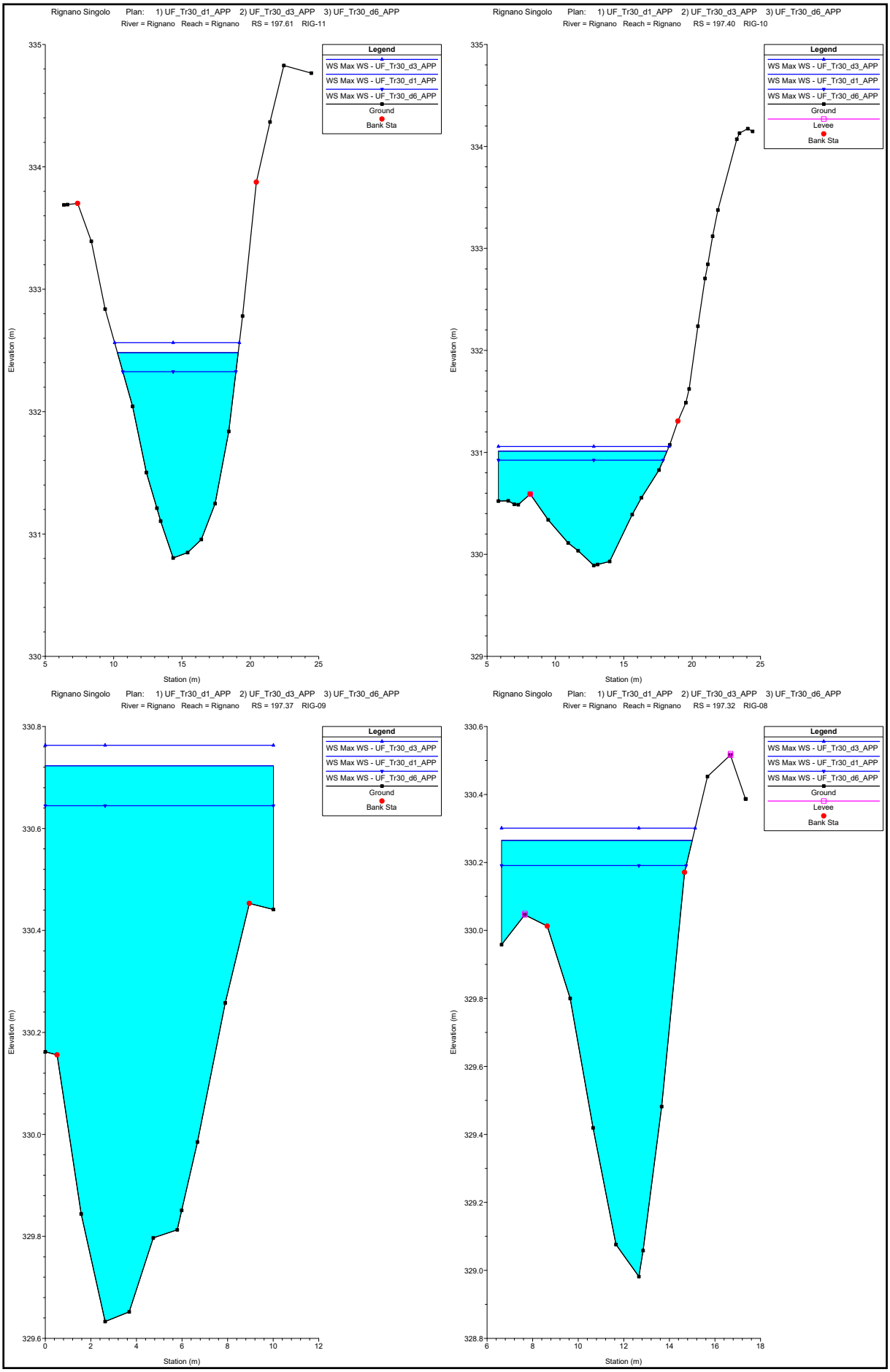

Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 310 RIG-29
Legend
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 300 RIG-28
Legend
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 290 RIG-27
Legend
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 280 RIG-26
Legend
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)

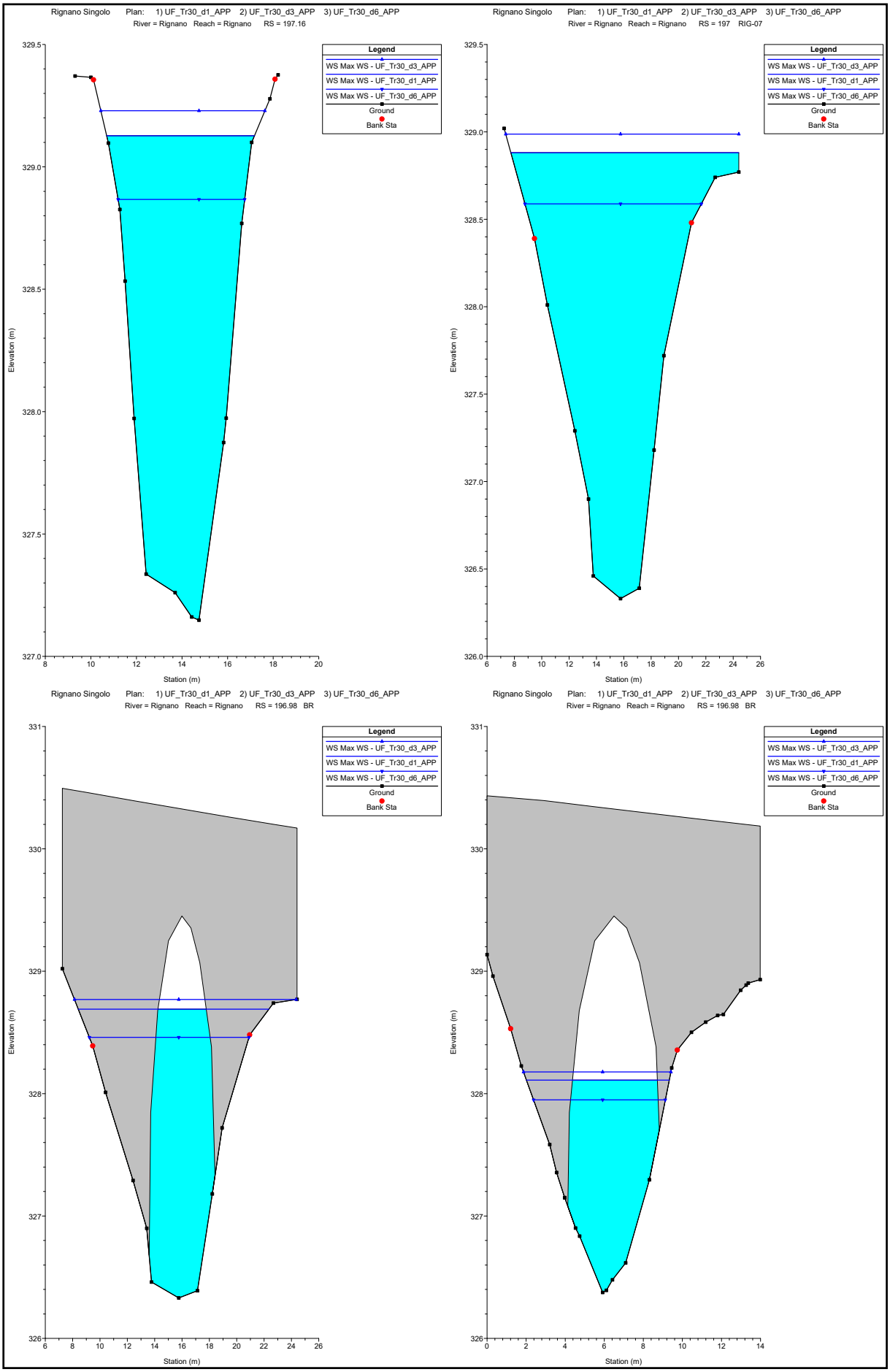

Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 270 RIG-25
Legend
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 260 RIG-24
Legend
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 250 RIG-23
Legend
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 240 RIG-22
Legend
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)

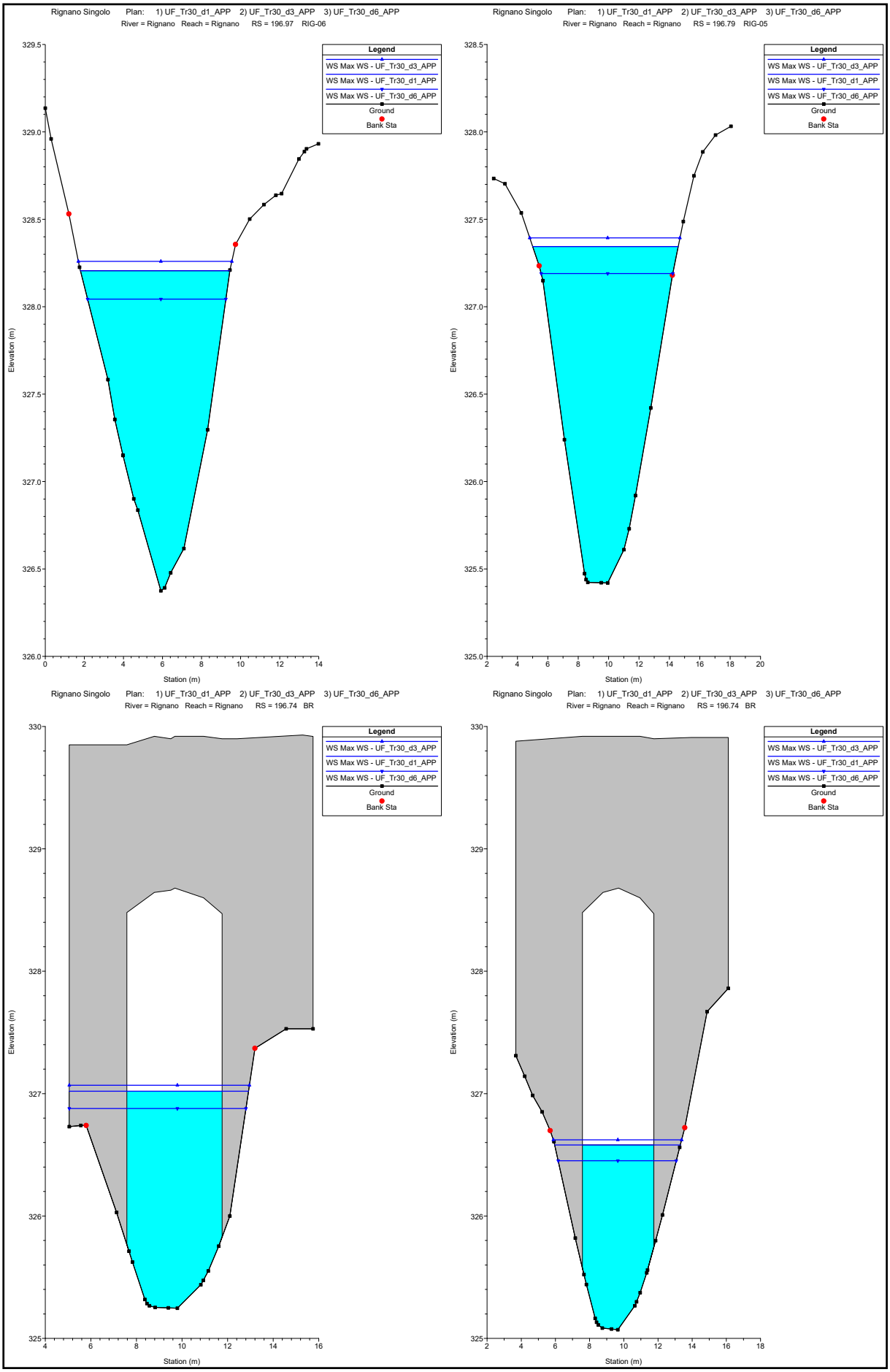

Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 230 RIG-21
Legend
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 220 RIG-20
Legend
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 210 RIG-19
Legend
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 200 RIG-18
Legend
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)

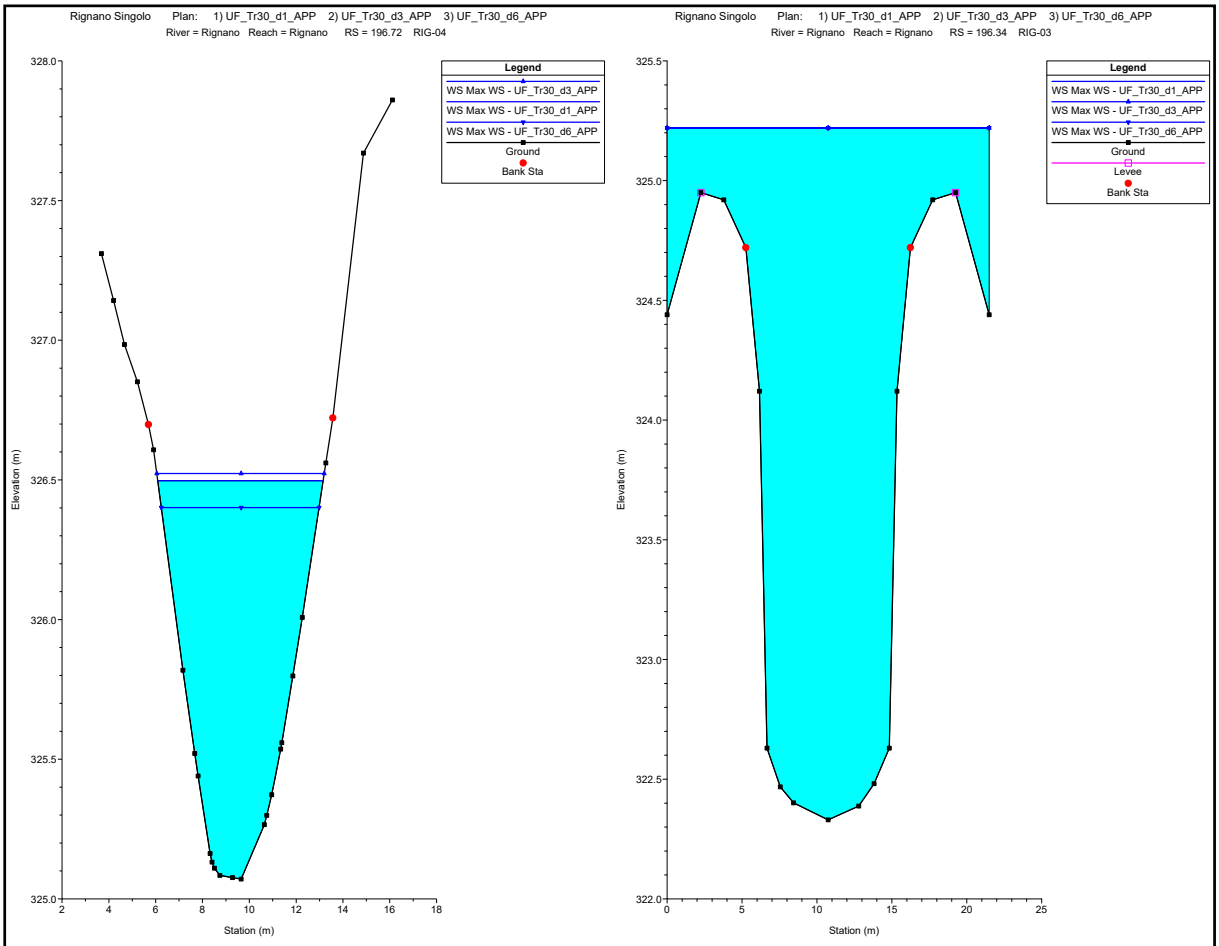

Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 199 RIG-17
Legend
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 198 RIG-16
Legend
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 197.99 BR
Legend
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 197.99 BR
Legend
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)


Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 197.98 RIG-15
Legend
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 197.89 RIG-14
Legend
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 197.74 RIG-13
Legend
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 197.64 RIG-12
Legend
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)


Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 197.61 RIG-11
Legend
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 197.40 RIG-10
Legend
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 197.37 RIG-09
Legend
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 197.32 RIG-08
Legend
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)


Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 197.16
Legend
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 197 RIG-07
Legend
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 196.98 BR
Legend
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 196.98 BR
Legend
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)


Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 196.97 RIG-06
Legend
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 196.79 RIG-05
Legend
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 196.74 BR
Legend
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 196.74 BR
Legend
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)


Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 196.72 RIG-04
Legend
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Rignano Singolo Plan: 1) UF_Tr30_d1_APP 2) UF_Tr30_d3_APP 3) UF_Tr30_d6_APP
River = Rignano Reach = Rignano RS = 196.34 RIG-03
Legend
WS Max WS - UF_Tr30_d1_APP
WS Max WS - UF_Tr30_d3_APP
WS Max WS - UF_Tr30_d6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "RIGNANO SINGOLO"

RIGNANO

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 1, 3 e 6 h

Dati idraulici

HEC-RAS River: Rignano Reach: Rignano Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Rignano	600	Max WS	UF_Tr30_d1_APP	11.00	406.51	407.29	407.55	408.19	0.056551	4.61	1.49	1.30	3.41	10.01	1.92
Rignano	600	Max WS	UF_Tr30_d3_APP	5.00	406.51	407.11	407.30	407.75	0.055687	3.59	0.65	0.51	1.63	8.21	1.79
Rignano	600	Max WS	UF_Tr30_d6_APP	2.90	406.51	407.00	407.17	407.45	0.058141	2.97	0.19		0.98	3.40	1.74
Rignano	599.99			Lat Struct											
Rignano	599.98			Lat Struct											
Rignano	590	Max WS	UF_Tr30_d1_APP	7.58	403.53	404.56	404.76	405.17	0.041345	3.52	0.70	0.29	2.47	8.17	1.54
Rignano	590	Max WS	UF_Tr30_d3_APP	5.00	403.53	404.42	404.62	404.96	0.044005	3.25			1.54	3.38	1.54
Rignano	590	Max WS	UF_Tr30_d6_APP	2.90	403.53	404.25	404.38	404.67	0.044073	2.87			1.01	2.68	1.49
Rignano	580	Max WS	UF_Tr30_d1_APP	3.67	402.77	404.34	403.62	404.36	0.000522	0.72	0.29	0.18	7.18	7.90	0.20
Rignano	580	Max WS	UF_Tr30_d3_APP	3.43	402.77	403.95	403.59	404.00	0.001805	1.06	0.39	0.24	4.30	6.82	0.35
Rignano	580	Max WS	UF_Tr30_d6_APP	2.76	402.77	403.66	403.52	403.75	0.005354	1.41	0.36	0.22	2.38	6.33	0.57
Rignano	575			Bridge											
Rignano	570	Max WS	UF_Tr30_d1_APP	3.67	401.47	402.04	402.18	402.48	0.039610	2.97			1.24	2.42	1.33
Rignano	570	Max WS	UF_Tr30_d3_APP	3.43	401.47	402.01	402.15	402.45	0.040852	2.94			1.17	2.42	1.35
Rignano	570	Max WS	UF_Tr30_d6_APP	2.76	401.47	401.94	402.04	402.33	0.041364	2.75			1.00	2.40	1.36
Rignano	560	Max WS	UF_Tr30_d1_APP	3.58	399.67	401.62		401.65	0.000930	0.71	0.17	0.13	5.31	6.50	0.22
Rignano	560	Max WS	UF_Tr30_d3_APP	3.22	399.67	401.58		401.60	0.000885	0.67	0.14	0.11	5.01	6.50	0.22
Rignano	560	Max WS	UF_Tr30_d6_APP	2.72	399.67	401.50		401.52	0.000843	0.62	0.10	0.06	4.51	6.50	0.21
Rignano	555			Culvert											
Rignano	550	Max WS	UF_Tr30_d1_APP	3.58	399.17	400.01	400.02	400.34	0.023215	2.55			1.40	2.20	1.02
Rignano	550	Max WS	UF_Tr30_d3_APP	3.22	399.17	399.93	399.97	400.28	0.027192	2.62			1.23	2.15	1.11
Rignano	550	Max WS	UF_Tr30_d6_APP	2.72	399.17	399.86	399.90	400.19	0.028421	2.53			1.07	2.12	1.14
Rignano	545.00	Max WS	UF_Tr30_d1_APP	3.66	398.59	399.85		399.97	0.006216	1.57			2.32	2.67	0.54
Rignano	545.00	Max WS	UF_Tr30_d3_APP	3.22	398.59	399.71		399.85	0.007517	1.63			1.97	2.54	0.59
Rignano	545.00	Max WS	UF_Tr30_d6_APP	2.72	398.59	399.63		399.75	0.007253	1.54			1.76	2.48	0.58
Rignano	540	Max WS	UF_Tr30_d1_APP	4.21	398.02	399.86		399.90	0.001460	0.87			4.87	5.03	0.28
Rignano	540	Max WS	UF_Tr30_d3_APP	3.31	398.02	399.75		399.78	0.001279	0.77			4.30	4.83	0.26
Rignano	540	Max WS	UF_Tr30_d6_APP	2.78	398.02	399.66		399.69	0.001139	0.71			3.90	4.48	0.24
Rignano	535			Culvert											
Rignano	530	Max WS	UF_Tr30_d1_APP	4.21	383.87	384.59	384.77	385.14	0.048494	3.28			1.28	3.00	1.60
Rignano	530	Max WS	UF_Tr30_d3_APP	3.31	383.87	384.53	384.67	384.99	0.045999	3.02			1.10	2.81	1.54
Rignano	530	Max WS	UF_Tr30_d6_APP	2.78	383.87	384.49	384.61	384.89	0.043570	2.82			0.99	2.68	1.49
Rignano	529.99			Lat Struct											
Rignano	529.98			Lat Struct											
Rignano	528	Max WS	UF_Tr30_d1_APP	4.43	383.38	384.04		384.16	0.009629	1.53			2.89	6.54	0.74
Rignano	528	Max WS	UF_Tr30_d3_APP	3.42	383.38	383.94		384.06	0.011670	1.49			2.29	6.24	0.79
Rignano	528	Max WS	UF_Tr30_d6_APP	2.84	383.38	383.88		383.99	0.013899	1.48			1.92	6.05	0.84
Rignano	520	Max WS	UF_Tr30_d1_APP	7.99	382.13	382.95	383.03	383.32	0.020454	2.82	0.68	0.82	3.43	8.49	1.17
Rignano	520	Max WS	UF_Tr30_d3_APP	4.96	382.13	382.80	382.88	383.10	0.023507	2.49	0.49	0.60	2.21	6.86	1.19
Rignano	520	Max WS	UF_Tr30_d6_APP	3.29	382.13	382.69	382.74	382.93	0.025946	2.19	0.30	0.42	1.56	5.69	1.20
Rignano	512.99			Lat Struct											
Rignano	512.98			Lat Struct											
Rignano	510	Max WS	UF_Tr30_d1_APP	10.33	379.67	381.37		381.41	0.000697	0.89	0.31	0.19	14.17	15.90	0.25
Rignano	510	Max WS	UF_Tr30_d3_APP	6.31	379.67	381.20		381.22	0.000435	0.64	0.21	0.09	11.49	15.90	0.19
Rignano	510	Max WS	UF_Tr30_d6_APP	3.82	379.67	381.01		381.02	0.000304	0.47	0.14	0.08	8.92	11.78	0.15
Rignano	508	Max WS	UF_Tr30_d1_APP	8.16	379.63	381.32		381.46	0.004289	1.80	0.61	0.61	5.78	6.06	0.46
Rignano	508	Max WS	UF_Tr30_d3_APP	5.46	379.63	381.16		381.25	0.003023	1.41	0.45	0.41	4.81	6.06	0.38
Rignano	508	Max WS	UF_Tr30_d6_APP	3.68	379.63	380.97		381.04	0.002494	1.16	0.31	0.23	3.68	6.00	0.34
Rignano	507			Culvert											
Rignano	506	Max WS	UF_Tr30_d1_APP	8.16	379.54	380.70	380.79	381.21	0.023258	3.17	0.50	0.28	2.71	4.68	1.01
Rignano	506	Max WS	UF_Tr30_d3_APP	5.46	379.54	380.45	380.45	380.86	0.023310	2.81			1.94	2.43	1.00
Rignano	506	Max WS	UF_Tr30_d6_APP	3.68	379.54	380.26	380.25	380.57	0.022864	2.50			1.47	2.33	1.00
Rignano	504	Max WS	UF_Tr30_d1_APP	8.69	379.18	380.59		380.84	0.012587	2.21			3.94	5.57	0.84
Rignano	504	Max WS	UF_Tr30_d3_APP	5.71	379.18	380.34		380.57	0.013014	2.11			2.70	4.13	0.83
Rignano	504	Max WS	UF_Tr30_d6_APP	3.76	379.18	380.15		380.33	0.012170	1.89			1.99	3.44	0.80
Rignano	502	Max WS	UF_Tr30_d1_APP	9.54	379.12	380.41	380.50	380.84	0.023667	2.89			3.30	5.02	1.14
Rignano	502	Max WS	UF_Tr30_d3_APP	6.05	379.12	380.16	380.20	380.53	0.022492	2.69			2.25	3.63	1.09
Rignano	502	Max WS	UF_Tr30_d6_APP	3.87	379.12	379.98	380.00	380.27	0.021925	2.38			1.63	3.17	1.06
Rignano	500	Max WS	UF_Tr30_d1_APP	10.67	377.90	378.96	378.98	379.32	0.016828	2.68			3.98	6.01	1.05
Rignano	500	Max WS	UF_Tr30_d3_APP	6.74	377.90	378.76	378.76	379.04	0.016442	2.35			2.86	5.20	1.01
Rignano	500	Max WS	UF_Tr30_d6_APP	4.28	377.90	378.60	378.59	378.81	0.016410	2.05			2.08	4.70	0.98
Rignano	498	Max WS	UF_Tr30_d1_APP	11.75	377.42	378.38	378.35	378.60	0.009349	2.10	0.34	0.42	6.60	18.49	0.81
Rignano	498	Max WS	UF_Tr30_d3_APP	7.22	377.42	378.21		378.37	0.010200	1.82		0.15	4.02	9.28	0.81
Rignano	498	Max WS	UF_Tr30_d6_APP	4.45	377.42	378.05		378.18	0.010330	1.58			2.83	6.91	0.79
Rignano	496	Max WS	UF_Tr30_d1_APP	11.77	377.40	378.36		378.46	0.003776	1.53	0.52	0.42	10.32	20.34	0.54
Rignano	496	Max WS	UF_Tr30_d3_APP	7.25	377.40	378.18		378.25	0.003687	1.28	0.43	0.30	6.99	16.69	0.51
Rignano	496	Max WS	UF_Tr30_d6_APP	4.47	377.40	378.02		378.08	0.003872	1.09	0.38	0.19	4.67	13.14	0.50
Rignano	494	Max WS	UF_Tr30_d1_APP	11.78	377.38	378.33	378.31	378.61	0.012529	2.38	0.39		5.23	10.78	0.93
Rignano	494	Max WS	UF_Tr30_d3_APP	7.27	377.38	378.15		378.35	0.012576	2.01	0.10		3.61	7.38	0.89
Rignano	494	Max WS	UF_Tr30_d6_APP	4.49	377.38	377.99		378.14	0.012589	1.74			2.57	6.21	0.87
Rignano	492.65			Lat Struct											
Rignano	492.64			Lat Struct											
Rignano	490	Max WS	UF_Tr30_d1_APP	12.00	376.52	377.57	377.58	377.88	0.015800	2.46			4.88	8.31	1.03
Rignano	490	Max WS	UF_Tr30_d3_APP	7.65	376.52	377.38	377.39	377.64	0.016231	2.22			3.44	6.97	1.01
Rignano	490	Max WS	UF_Tr30_d6_APP	4.75	376.52	377.22	377.22	377.42	0.016916	1.99			2.39	5.91	1.00

HEC-RAS River: Rignano Reach: Rignano Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Rignano	480	Max WS	UF_Tr30_d1_APP	12.39	374.58	375.95	376.14	376.43	0.022185	3.08		0.08	4.03	6.20	1.19
Rignano	480	Max WS	UF_Tr30_d3_APP	8.33	374.58	375.69	375.81	376.17	0.026887	3.08			2.71	4.55	1.27
Rignano	480	Max WS	UF_Tr30_d6_APP	5.23	374.58	375.48	375.58	375.89	0.028451	2.83			1.84	3.66	1.27
Rignano	478	Max WS	UF_Tr30_d1_APP	12.47	374.13	375.66	375.34	375.86	0.006142	1.99			6.26	6.53	0.65
Rignano	478	Max WS	UF_Tr30_d3_APP	8.48	374.13	375.33	375.13	375.53	0.007356	1.96			4.33	5.34	0.69
Rignano	478	Max WS	UF_Tr30_d6_APP	5.33	374.13	375.07	374.92	375.23	0.008132	1.77			3.01	4.74	0.71
Rignano	477			Bridge											
Rignano	476	Max WS	UF_Tr30_d1_APP	12.47	374.12	375.24	375.27	375.65	0.017287	2.83			4.40	6.18	1.07
Rignano	476	Max WS	UF_Tr30_d3_APP	8.48	374.12	375.05	375.07	375.39	0.017342	2.55			3.32	5.52	1.05
Rignano	476	Max WS	UF_Tr30_d6_APP	5.33	374.12	374.87	374.88	375.13	0.017768	2.25			2.37	4.87	1.03
Rignano	470	Max WS	UF_Tr30_d1_APP	12.77	372.77	374.04	374.07	374.46	0.017016	2.87			4.45	5.97	1.06
Rignano	470	Max WS	UF_Tr30_d3_APP	8.96	372.77	373.85	373.87	374.21	0.016848	2.63			3.41	5.17	1.03
Rignano	470	Max WS	UF_Tr30_d6_APP	5.66	372.77	373.64	373.64	373.93	0.016987	2.36			2.41	4.35	1.01
Rignano	460	Max WS	UF_Tr30_d1_APP	13.19	370.98	372.29	372.40	372.83	0.022138	3.26			4.05	5.34	1.20
Rignano	460	Max WS	UF_Tr30_d3_APP	9.64	370.98	372.12	372.20	372.58	0.021832	3.01			3.21	4.73	1.17
Rignano	460	Max WS	UF_Tr30_d6_APP	6.14	370.98	371.91	371.97	372.28	0.021578	2.67			2.30	4.05	1.13
Rignano	450	Max WS	UF_Tr30_d1_APP	13.62	368.79	370.07	370.22	370.66	0.026428	3.40			4.00	5.77	1.31
Rignano	450	Max WS	UF_Tr30_d3_APP	10.31	368.79	369.93	370.06	370.44	0.025909	3.17			3.25	5.14	1.27
Rignano	450	Max WS	UF_Tr30_d6_APP	6.61	368.79	369.74	369.83	370.14	0.025107	2.82			2.34	4.30	1.22
Rignano	445.19			Lat Struct											
Rignano	442	Max WS	UF_Tr30_d1_APP	14.03	366.62	368.70	367.63	368.75	0.000811	0.98	0.19		15.10	13.23	0.26
Rignano	442	Max WS	UF_Tr30_d3_APP	10.97	366.62	368.35	367.50	368.41	0.001141	1.01	0.01		10.87	9.27	0.30
Rignano	442	Max WS	UF_Tr30_d6_APP	7.07	366.62	367.90	367.30	367.95	0.001559	1.01			7.02	7.62	0.33
Rignano	441			Bridge											
Rignano	440	Max WS	UF_Tr30_d1_APP	14.03	366.47	367.55		367.87	0.011564	2.51			5.59	6.96	0.89
Rignano	440	Max WS	UF_Tr30_d3_APP	10.97	366.47	367.43		367.70	0.011217	2.31			4.75	6.57	0.87
Rignano	440	Max WS	UF_Tr30_d6_APP	7.07	366.47	367.23		367.44	0.010721	2.00			3.54	5.97	0.83
Rignano	430	Max WS	UF_Tr30_d1_APP	14.46	365.42	366.35	366.37	366.71	0.016346	2.65			5.47	8.56	1.06
Rignano	430	Max WS	UF_Tr30_d3_APP	11.64	365.42	366.26	366.27	366.57	0.016588	2.49			4.67	8.12	1.05
Rignano	430	Max WS	UF_Tr30_d6_APP	7.53	365.42	366.09	366.10	366.34	0.017304	2.20			3.42	7.41	1.04
Rignano	420	Max WS	UF_Tr30_d1_APP	14.90	363.36	364.92		365.30	0.012336	2.71			5.51	6.19	0.92
Rignano	420	Max WS	UF_Tr30_d3_APP	12.32	363.36	364.81		365.14	0.012032	2.55			4.82	5.82	0.90
Rignano	420	Max WS	UF_Tr30_d6_APP	8.00	363.36	364.58		364.84	0.011688	2.25			3.56	5.13	0.86
Rignano	410	Max WS	UF_Tr30_d1_APP	15.35	362.27	363.60	363.64	364.04	0.016470	2.93			5.24	6.77	1.06
Rignano	410	Max WS	UF_Tr30_d3_APP	13.00	362.27	363.51	363.54	363.91	0.016460	2.79			4.66	6.48	1.05
Rignano	410	Max WS	UF_Tr30_d6_APP	8.47	362.27	363.31	363.32	363.62	0.016555	2.48			3.42	5.75	1.03
Rignano	400	Max WS	UF_Tr30_d1_APP	15.80	360.64	361.98	362.01	362.44	0.015205	3.01		0.55	5.45	7.89	1.03
Rignano	400	Max WS	UF_Tr30_d3_APP	13.68	360.64	361.90	361.93	362.32	0.015588	2.89		0.40	4.83	7.30	1.03
Rignano	400	Max WS	UF_Tr30_d6_APP	8.95	360.64	361.68	361.69	362.02	0.016258	2.57			3.48	5.40	1.02
Rignano	390	Max WS	UF_Tr30_d1_APP	16.25	358.95	360.46		360.85	0.011359	2.75			5.91	5.92	0.88
Rignano	390	Max WS	UF_Tr30_d3_APP	14.36	358.95	360.38		360.74	0.011010	2.63			5.47	5.78	0.86
Rignano	390	Max WS	UF_Tr30_d6_APP	9.42	358.95	360.15		360.41	0.010210	2.27			4.14	5.23	0.82
Rignano	380	Max WS	UF_Tr30_d1_APP	16.71	358.27	359.23	359.32	359.71	0.020882	3.09			5.41	7.92	1.19
Rignano	380	Max WS	UF_Tr30_d3_APP	15.04	358.27	359.18	359.26	359.64	0.020844	2.99			5.03	7.75	1.18
Rignano	380	Max WS	UF_Tr30_d6_APP	9.89	358.27	359.01	359.07	359.36	0.021507	2.64			3.75	7.21	1.17
Rignano	370	Max WS	UF_Tr30_d1_APP	17.17	355.92	357.30	357.42	357.74	0.016177	2.98	0.47	0.05	6.69	17.67	1.06
Rignano	370	Max WS	UF_Tr30_d3_APP	15.72	355.92	357.26	357.38	357.69	0.016537	2.93	0.38		5.96	16.09	1.06
Rignano	370	Max WS	UF_Tr30_d6_APP	10.36	355.92	357.03	357.06	357.40	0.017140	2.68			3.86	5.85	1.05
Rignano	360	Max WS	UF_Tr30_d1_APP	17.63	354.08	355.37	355.68	356.33	0.045872	4.35			4.05	6.20	1.72
Rignano	360	Max WS	UF_Tr30_d3_APP	16.40	354.08	355.33	355.64	356.26	0.045630	4.27			3.84	6.01	1.71
Rignano	360	Max WS	UF_Tr30_d6_APP	10.83	354.08	355.14	355.39	355.91	0.045255	3.87			2.80	5.05	1.66
Rignano	358	Max WS	UF_Tr30_d1_APP	17.66	354.01	355.19		355.45	0.009241	2.28			7.75	9.86	0.82
Rignano	358	Max WS	UF_Tr30_d3_APP	16.44	354.01	355.15		355.40	0.009105	2.22			7.41	9.72	0.81
Rignano	358	Max WS	UF_Tr30_d6_APP	10.86	354.01	354.97		355.15	0.008708	1.92			5.67	9.00	0.77
Rignano	356	Max WS	UF_Tr30_d1_APP	17.69	353.99	355.14		355.37	0.010385	2.10			8.41	13.47	0.85
Rignano	356	Max WS	UF_Tr30_d3_APP	16.47	353.99	355.11		355.32	0.010426	2.07			7.96	13.09	0.85
Rignano	356	Max WS	UF_Tr30_d6_APP	10.89	353.99	354.92		355.10	0.010914	1.91			5.71	10.99	0.85
Rignano	354	Max WS	UF_Tr30_d1_APP	17.71	353.97	355.09		355.39	0.011879	2.44			7.27	10.20	0.92
Rignano	354	Max WS	UF_Tr30_d3_APP	16.51	353.97	355.05		355.34	0.011865	2.38			6.92	10.02	0.92
Rignano	354	Max WS	UF_Tr30_d6_APP	10.91	353.97	354.86		355.09	0.012321	2.13			5.12	9.06	0.91
Rignano	350	Max WS	UF_Tr30_d1_APP	18.10	352.81	354.14		354.46	0.011302	2.51			7.22	9.19	0.90
Rignano	350	Max WS	UF_Tr30_d3_APP	17.07	352.81	354.10		354.41	0.011300	2.47			6.91	8.99	0.90
Rignano	350	Max WS	UF_Tr30_d6_APP	11.30	352.81	353.87		354.13	0.011913	2.28			4.97	7.60	0.90
Rignano	340	Max WS	UF_Tr30_d1_APP	18.57	351.49	353.07	352.98	353.49	0.011323	2.88	0.25		6.49	6.86	0.89
Rignano	340	Max WS	UF_Tr30_d3_APP	17.75	351.49	353.04		353.45	0.011247	2.83	0.20		6.29	6.58	0.88
Rignano	340	Max WS	UF_Tr30_d6_APP	11.77	351.49	352.77		353.09	0.010921	2.49			4.73	5.37	0.85
Rignano	333.99			Lat Struct											
Rignano	332	Max WS	UF_Tr30_d1_APP	18.95	350.60	352.05	352.12	352.59	0.017931	3.26			5.82	6.73	1.12
Rignano	332	Max WS	UF_Tr30_d3_APP	18.29	350.60	352.03	352.10	352.56	0.017637	3.21			5.71	6.67	1.11
Rignano	332	Max WS	UF_Tr30_d6_APP	12.15	350.60	351.85	351.84	352.21	0.014645	2.68			4.54	6.09	0.99
Rignano	330	Max WS	UF_Tr30_d1_APP	18.30	350.51	351.71	351.79	352.19	0.016220	3.11	0.69	0.82	6.53	10.58	1.10
Rignano	330	Max WS	UF_Tr30_d3_APP	17.75	350.51	351.70	351.77	352.16	0.016122	3.07	0.67	0.80	6.40	10.56	1.09
Rignano	330	Max WS	UF_Tr30_d6_APP	12.08	350.51	351.56	351.58	351.89	0.014667	2.57	0.55	0.52	4.98	9.41	1.01
Rignano	320	Max WS	UF_Tr30_d1_APP	19.11	349.22	350.71	350.65	351.17	0.009794	3.05	0.71	0.48	6.94	8.98	0.89
Rignano	320	Max WS	UF_Tr30_d3_APP	18.76	349.22	350.70	350.63	351.15	0.009771	3.02	0.70	0.46	6.84	8.97	0.88
Rignano	320	Max WS	UF_Tr30_d6_APP	12.71	349.22	350.44	350.37	350.80	0.010382	2.65	0.54	0.38	4.97	6.35	0.87
Rignano	312	Max WS	UF_Tr30_d1_APP	19.55	348.07	350.01	349.47	350.19	0.003665	1.88			10.43	7.98	0.52
Rignano	312	Max WS	UF_Tr30_d3_APP	19.36	348.07	350.00	349.47	350.18	0.003692	1.87			10.33	7.96	0.53

HEC-RAS River: Rignano Reach: Rignano Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Rignano	312	Max WS	UF_Tr30_d6_APP	13.13	348.07	349.57	349.22	349.75	0.004844	1.84			7.13	7.10	0.59
Rignano	311			Bridge											
Rignano	310	Max WS	UF_Tr30_d1_APP	19.55	347.97	349.50		349.86	0.009940	2.67			7.32	7.16	0.84
Rignano	310	Max WS	UF_Tr30_d3_APP	19.36	347.97	349.50		349.86	0.009866	2.66			7.29	7.15	0.84
Rignano	310	Max WS	UF_Tr30_d6_APP	13.13	347.97	349.25		349.53	0.009802	2.36			5.56	6.58	0.82
Rignano	303.99			Lat Struct											
Rignano	303.98			Lat Struct											
Rignano	300	Max WS	UF_Tr30_d1_APP	20.02	346.92	348.46		348.79	0.009922	2.56	0.23		7.87	9.81	0.85
Rignano	300	Max WS	UF_Tr30_d3_APP	20.01	346.92	348.46		348.79	0.009878	2.56	0.23		7.88	9.82	0.85
Rignano	300	Max WS	UF_Tr30_d6_APP	13.60	346.92	348.24		348.50	0.009158	2.23			6.09	7.71	0.80
Rignano	290	Max WS	UF_Tr30_d1_APP	19.67	346.17	347.24	347.34	347.77	0.016780	3.47	1.37	0.98	7.27	10.98	1.15
Rignano	290	Max WS	UF_Tr30_d3_APP	19.83	346.17	347.24	347.35	347.78	0.016791	3.48	1.37	0.99	7.31	10.99	1.15
Rignano	290	Max WS	UF_Tr30_d6_APP	14.06	346.17	347.10	347.17	347.51	0.015417	3.00	1.20	0.68	5.82	10.66	1.07
Rignano	283.99			Lat Struct											
Rignano	280	Max WS	UF_Tr30_d1_APP	19.27	344.47	345.76	345.74	346.13	0.012498	2.72		0.53	7.37	10.59	0.94
Rignano	280	Max WS	UF_Tr30_d3_APP	19.60	344.47	345.77	345.75	346.14	0.012436	2.74		0.55	7.48	10.64	0.94
Rignano	280	Max WS	UF_Tr30_d6_APP	14.28	344.47	345.59	345.57	345.92	0.013704	2.52		0.16	5.70	9.46	0.96
Rignano	270	Max WS	UF_Tr30_d1_APP	21.06	342.73	344.39	344.43	344.85	0.016451	3.02			6.96	8.66	1.08
Rignano	270	Max WS	UF_Tr30_d3_APP	21.50	342.73	344.40	344.44	344.87	0.016426	3.04			7.08	8.73	1.08
Rignano	270	Max WS	UF_Tr30_d6_APP	14.97	342.73	344.19	344.22	344.59	0.016584	2.78			5.39	7.68	1.06
Rignano	261.99			Lat Struct											
Rignano	260	Max WS	UF_Tr30_d1_APP	21.55	341.38	342.86	342.80	343.25	0.011010	2.77	0.34		7.83	8.94	0.91
Rignano	260	Max WS	UF_Tr30_d3_APP	22.24	341.38	342.88	342.82	343.28	0.010892	2.79	0.37		8.04	9.10	0.91
Rignano	260	Max WS	UF_Tr30_d6_APP	15.43	341.38	342.66		342.98	0.011168	2.50			6.17	7.67	0.89
Rignano	250	Max WS	UF_Tr30_d1_APP	22.04	340.35	341.80		342.17	0.009893	2.70	0.22		8.20	8.78	0.86
Rignano	250	Max WS	UF_Tr30_d3_APP	23.33	340.35	341.83		342.22	0.009937	2.75	0.27		8.53	9.10	0.86
Rignano	250	Max WS	UF_Tr30_d6_APP	15.90	340.35	341.60		341.90	0.009436	2.40			6.64	7.64	0.82
Rignano	240	Max WS	UF_Tr30_d1_APP	22.05	339.23	340.73	340.73	341.10	0.011491	2.73	0.64		8.76	12.89	0.93
Rignano	240	Max WS	UF_Tr30_d3_APP	23.39	339.23	340.77	340.76	341.15	0.011535	2.78	0.69		9.16	12.97	0.93
Rignano	240	Max WS	UF_Tr30_d6_APP	16.36	339.23	340.59	340.55	340.90	0.011047	2.45	0.32		6.94	12.55	0.89
Rignano	233.99			Lat Struct											
Rignano	233.98			Lat Struct											
Rignano	230	Max WS	UF_Tr30_d1_APP	22.56	338.14	339.61	339.67	340.12	0.013777	3.58	1.29	1.33	9.03	11.26	1.05
Rignano	230	Max WS	UF_Tr30_d3_APP	23.94	338.14	339.64	339.71	340.18	0.013893	3.66	1.34	1.35	9.40	11.34	1.06
Rignano	230	Max WS	UF_Tr30_d6_APP	16.73	338.14	339.47	339.51	339.88	0.012738	3.16	1.04	1.20	7.43	10.98	0.99
Rignano	220	Max WS	UF_Tr30_d1_APP	20.48	337.29	338.47		338.76	0.007958	2.64	1.00	0.66	10.63	15.10	0.82
Rignano	220	Max WS	UF_Tr30_d3_APP	21.79	337.29	338.50		338.81	0.007924	2.69	1.03	0.67	11.18	15.42	0.82
Rignano	220	Max WS	UF_Tr30_d6_APP	15.83	337.29	338.33		338.59	0.007977	2.41	0.86	0.65	8.71	13.76	0.80
Rignano	210	Max WS	UF_Tr30_d1_APP	23.73	336.13	337.60	337.54	338.02	0.010521	2.90	0.44	0.44	8.49	10.49	0.91
Rignano	210	Max WS	UF_Tr30_d3_APP	25.51	336.13	337.64	337.60	338.09	0.010513	2.98	0.46	0.47	8.98	11.28	0.91
Rignano	210	Max WS	UF_Tr30_d6_APP	17.75	336.13	337.44		337.78	0.010141	2.56	0.29	0.26	7.01	8.92	0.87
Rignano	200	Max WS	UF_Tr30_d1_APP	22.77	335.44	336.71		336.92	0.005881	2.10	0.68	0.38	11.91	15.64	0.69
Rignano	200	Max WS	UF_Tr30_d3_APP	23.87	335.44	336.78		336.98	0.004914	2.03	0.68	0.44	13.11	15.64	0.64
Rignano	200	Max WS	UF_Tr30_d6_APP	18.30	335.44	336.45	336.42	336.73	0.011135	2.36	0.58	0.38	8.20	13.98	0.90
Rignano	199.7			Lat Struct											
Rignano	199	Max WS	UF_Tr30_d1_APP	23.60	334.14	336.60		336.68	0.001263	1.29		0.24	19.10	14.46	0.33
Rignano	199	Max WS	UF_Tr30_d3_APP	24.79	334.14	336.68		336.76	0.001173	1.28	0.04	0.27	20.33	15.24	0.32
Rignano	199	Max WS	UF_Tr30_d6_APP	18.29	334.14	336.33		336.41	0.001348	1.20		0.15	15.36	12.81	0.33
Rignano	198	Max WS	UF_Tr30_d1_APP	19.98	334.20	336.57	335.40	336.62	0.000582	1.12	0.45	0.44	25.11	13.60	0.24
Rignano	198	Max WS	UF_Tr30_d3_APP	20.95	334.20	336.65	335.42	336.70	0.000558	1.13	0.45	0.44	26.31	13.60	0.24
Rignano	198	Max WS	UF_Tr30_d6_APP	16.67	334.20	336.27	335.31	336.32	0.000681	1.10	0.44	0.43	21.06	13.60	0.25
Rignano	197.99			Bridge											
Rignano	197.98	Max WS	UF_Tr30_d1_APP	19.96	334.11	336.15		336.24	0.001388	1.51	0.57	0.56	18.19	13.16	0.36
Rignano	197.98	Max WS	UF_Tr30_d3_APP	20.94	334.11	336.20		336.30	0.001359	1.52	0.58	0.57	18.95	13.16	0.36
Rignano	197.98	Max WS	UF_Tr30_d6_APP	16.67	334.11	335.95		336.03	0.001516	1.45	0.54	0.52	15.54	13.16	0.37
Rignano	197.95			Lat Struct											
Rignano	197.89	Max WS	UF_Tr30_d1_APP	23.53	333.44	335.46	335.60	336.18	0.023334	3.76	0.11	0.06	6.25	6.37	1.21
Rignano	197.89	Max WS	UF_Tr30_d3_APP	25.31	333.44	335.51	335.66	336.27	0.022959	3.86	0.25	0.22	6.57	6.61	1.21
Rignano	197.89	Max WS	UF_Tr30_d6_APP	18.18	333.44	335.29	335.40	335.91	0.022318	3.49			5.20	5.64	1.16
Rignano	197.74	Max WS	UF_Tr30_d1_APP	23.57	331.71	332.99		333.20	0.006535	2.02		0.47	12.02	15.79	0.70
Rignano	197.74	Max WS	UF_Tr30_d3_APP	25.22	331.71	333.06		333.26	0.005909	2.00		0.51	13.01	15.90	0.68
Rignano	197.74	Max WS	UF_Tr30_d6_APP	18.22	331.71	332.87		333.04	0.006486	1.83		0.29	10.12	15.57	0.69
Rignano	197.64	Max WS	UF_Tr30_d1_APP	22.80	330.92	332.62		332.75	0.003003	1.58	0.10		14.46	13.97	0.49
Rignano	197.64	Max WS	UF_Tr30_d3_APP	25.46	330.92	332.70		332.84	0.003013	1.64	0.16		15.55	14.39	0.50
Rignano	197.64	Max WS	UF_Tr30_d6_APP	18.16	330.92	332.47		332.58	0.002992	1.46			12.40	13.19	0.48
Rignano	197.61	Max WS	UF_Tr30_d1_APP	22.80	330.80	332.48		332.78	0.007257	2.41			9.47	8.83	0.74
Rignano	197.61	Max WS	UF_Tr30_d3_APP	25.46	330.80	332.56		332.88	0.007411	2.50			10.20	9.12	0.75
Rignano	197.61	Max WS	UF_Tr30_d6_APP	18.16	330.80	332.33		332.58	0.006942	2.23			8.14	8.27	0.72
Rignano	197.40	Max WS	UF_Tr30_d1_APP	21.15	329.89	331.01	331.03	331.38	0.014431	2.74	1.09		8.41	12.34	1.03
Rignano	197.40	Max WS	UF_Tr30_d3_APP	23.32	329.89	331.06	331.07	331.45	0.014515	2.83	1.15		8.97	12.48	1.04
Rignano	197.40	Max WS	UF_Tr30_d6_APP	17.25	329.89	330.92	330.93	331.24	0.014317	2.55	0.97		7.33	12.05	1.01
Rignano	197.37	Max WS	UF_Tr30_d1_APP	21.15	329.63	330.72	330.77	331.18	0.015347	3.04	0.86	0.75	7.40	10.01	1.08
Rignano	197.37	Max WS	UF_Tr30_d3_APP	23.32	329.63	330.76	330.83	331.27	0.015816	3.18	0.90	0.81	7.80	10.01	1.10
Rignano	197.37	Max WS	UF_Tr30_d6_APP	17.25	329.63	330.64	330.66	331.02	0.014441	2.75	0.80	0.60	6.61	10.01	1.03
Rignano	197.365			Lat Struct											

HEC-RAS River: Rignano Reach: Rignano Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Rignano	197.36			Lat Struct											
Rignano	197.32	Max WS	UF_Tr30_d1_APP	11.93	328.98	330.26	330.23	330.56	0.011024	2.44	0.63	0.22	5.28	8.37	0.87
Rignano	197.32	Max WS	UF_Tr30_d3_APP	12.64	328.98	330.30	330.26	330.60	0.010568	2.46	0.67	0.27	5.59	8.50	0.86
Rignano	197.32	Max WS	UF_Tr30_d6_APP	10.61	328.98	330.19	330.17	330.48	0.012308	2.41	0.54	0.08	4.67	8.11	0.91
Rignano	197.16	Max WS	UF_Tr30_d1_APP	13.52	327.15	329.13		329.27	0.003309	1.66			8.15	6.49	0.47
Rignano	197.16	Max WS	UF_Tr30_d3_APP	14.67	327.15	329.23		329.37	0.003337	1.66			8.85	7.20	0.48
Rignano	197.16	Max WS	UF_Tr30_d6_APP	11.41	327.15	328.87		329.02	0.003944	1.73			6.59	5.55	0.51
Rignano	197	Max WS	UF_Tr30_d1_APP	22.24	326.33	328.88	327.77	328.95	0.000958	1.16	0.20	0.17	20.05	16.67	0.29
Rignano	197	Max WS	UF_Tr30_d3_APP	23.81	326.33	328.99	327.83	329.06	0.000881	1.16	0.22	0.21	21.84	17.04	0.28
Rignano	197	Max WS	UF_Tr30_d6_APP	17.99	326.33	328.59	327.62	328.66	0.001221	1.15	0.12	0.08	15.69	12.90	0.32
Rignano	196.98			Bridge											
Rignano	196.97	Max WS	UF_Tr30_d1_APP	22.24	326.38	328.21		328.60	0.010493	2.79			7.97	7.65	0.87
Rignano	196.97	Max WS	UF_Tr30_d3_APP	23.81	326.38	328.26		328.67	0.010537	2.84			8.39	7.85	0.88
Rignano	196.97	Max WS	UF_Tr30_d6_APP	17.99	326.38	328.04		328.40	0.010619	2.66			6.77	7.08	0.87
Rignano	196.79	Max WS	UF_Tr30_d1_APP	22.24	325.42	327.34		327.55	0.004232	2.03	0.15	0.19	11.03	9.58	0.58
Rignano	196.79	Max WS	UF_Tr30_d3_APP	23.84	325.42	327.39		327.62	0.004272	2.09	0.20	0.23	11.51	9.89	0.58
Rignano	196.79	Max WS	UF_Tr30_d6_APP	18.02	325.42	327.19		327.37	0.004234	1.87		0.03	9.62	8.66	0.57
Rignano	196.74			Bridge											
Rignano	196.72	Max WS	UF_Tr30_d1_APP	19.77	325.07	326.50	326.52	326.99	0.015184	3.09			6.39	7.07	1.04
Rignano	196.72	Max WS	UF_Tr30_d3_APP	20.73	325.07	326.52	326.56	327.03	0.015455	3.15			6.57	7.15	1.05
Rignano	196.72	Max WS	UF_Tr30_d6_APP	17.01	325.07	326.40	326.42	326.85	0.015160	2.97			5.72	6.74	1.03
Rignano	196.34	Max WS	UF_Tr30_d1_APP	1.41	322.33	325.22	322.56	325.22	0.000001	0.05	0.01	0.01	30.56	21.50	0.01
Rignano	196.34	Max WS	UF_Tr30_d3_APP	2.64	322.33	325.22	322.65	325.22	0.000005	0.10	0.02	0.02	30.56	21.50	0.02
Rignano	196.34	Max WS	UF_Tr30_d6_APP	13.03	322.33	325.22	323.06	325.23	0.000118	0.48	0.09	0.09	30.56	21.50	0.10

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "AFF BEGLIANO"

AV7188

MODELLAZIONE PER TR=30 e 200 ANNI

DURATA DI PIOGGIA: 0.5 e 1h

Profilo longitudinale

Sezioni Trasversali

Dati idraulici

ALLEGATI

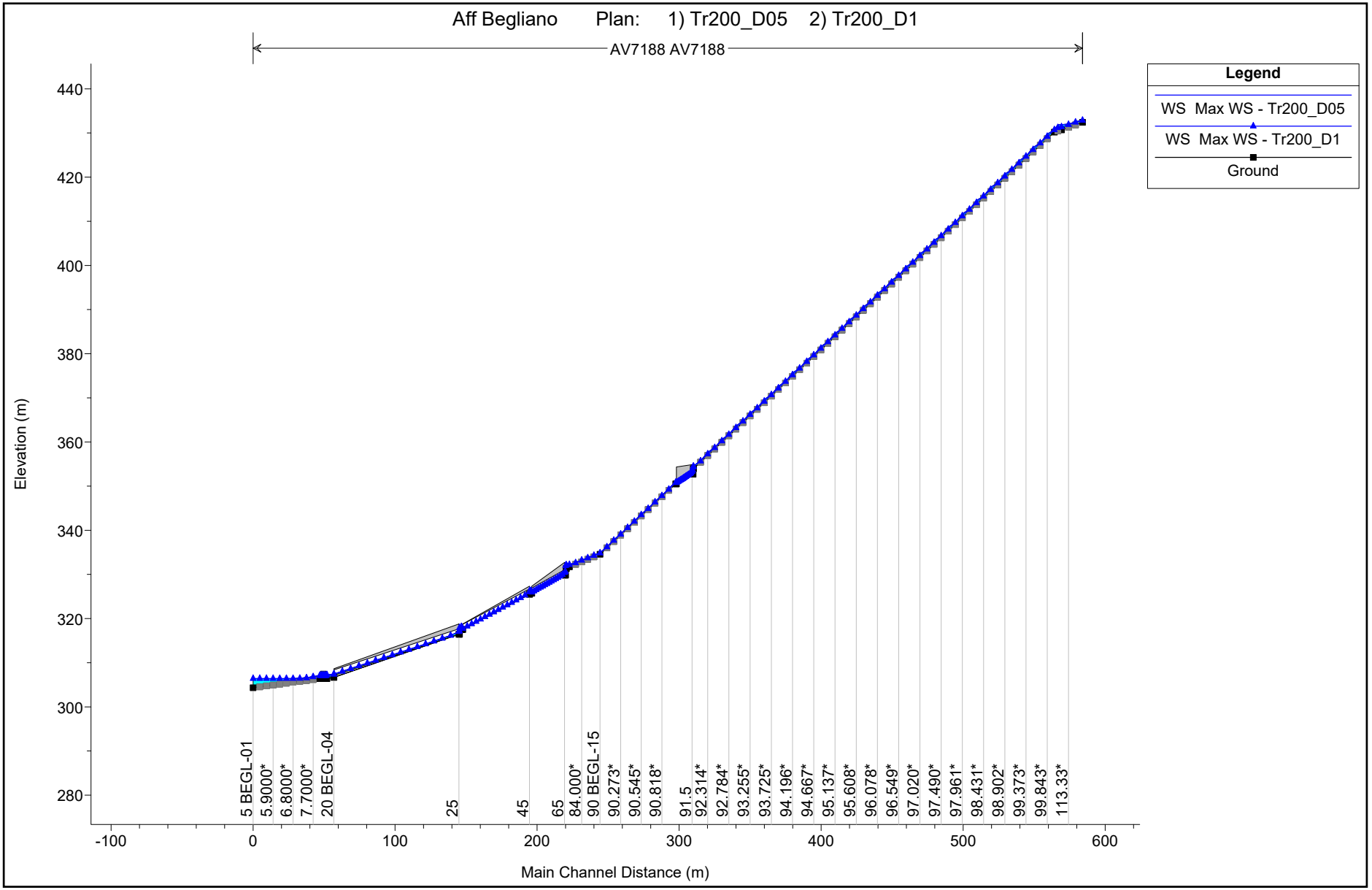
MODELLAZIONE HEC-RAS 5.0.7 "AFF BEGLIANO"

AV7188

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 0.5 e 1h

Profilo longitudinale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AV7188 AV7188
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
Ground
Elevation (m)
Main Channel Distance (m)
440
420
400
380
360
340
320
300
280
-100
0
100
200
300
400
500
600
5 BEGL-01
5.9000*
6.8000*
7.7000*
20 BEGL-04
25
45
65
84.000*
90 BEGL-15
90.273*
90.545*
90.818*
91.5
92.314*
92.784*
93.255*
93.725*
94.196*
94.667*
95.137*
95.608*
96.078*
96.549*
97.020*
97.490*
97.961*
98.431*
98.902*
99.373*
99.843*
113.33*

ALLEGATI

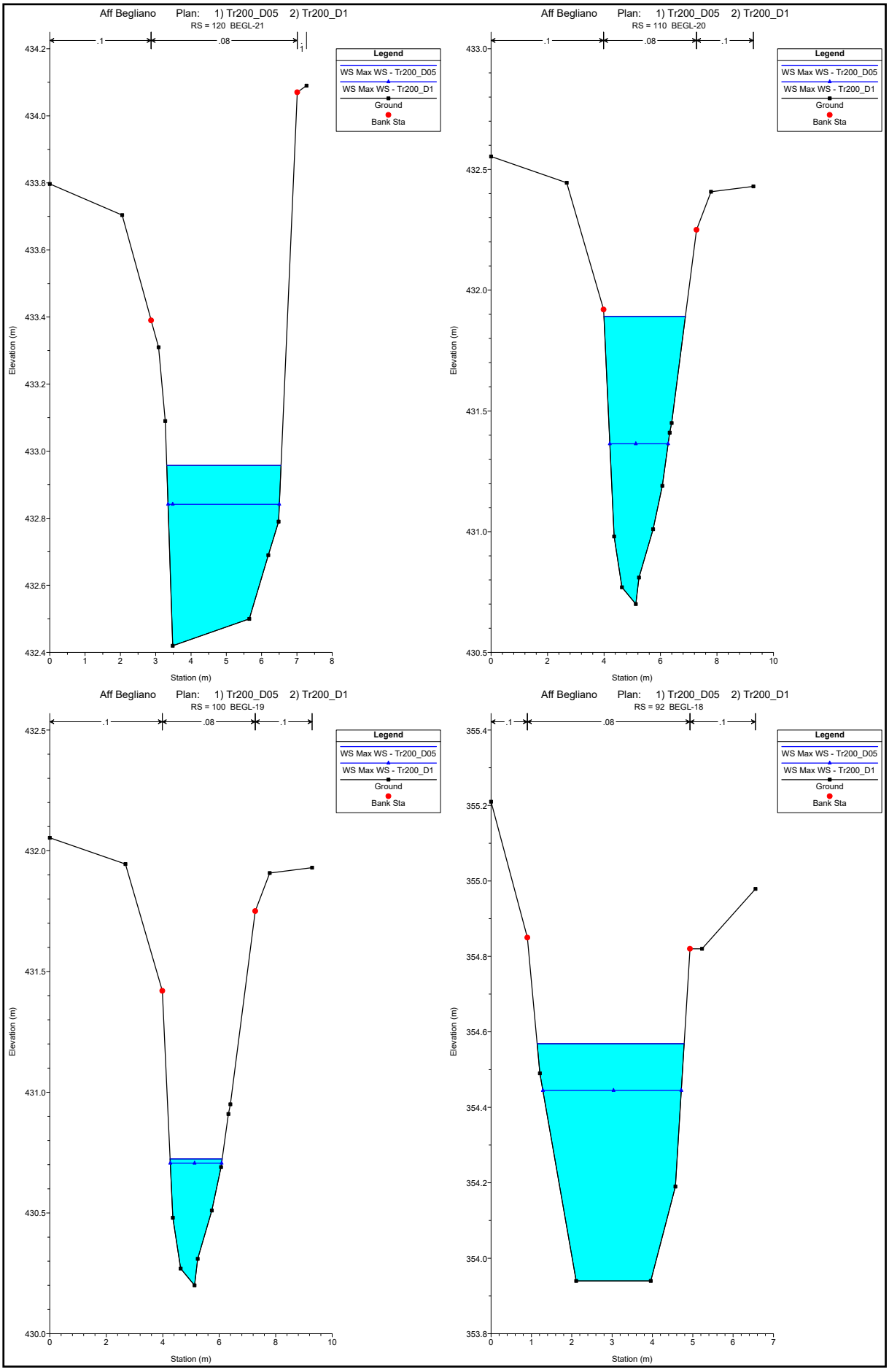
MODELLAZIONE HEC-RAS 5.0.7 "AFF BEGLIANO"

AV7188

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 0.5 e 1h

Sezioni Trasversali (da monte verso valle)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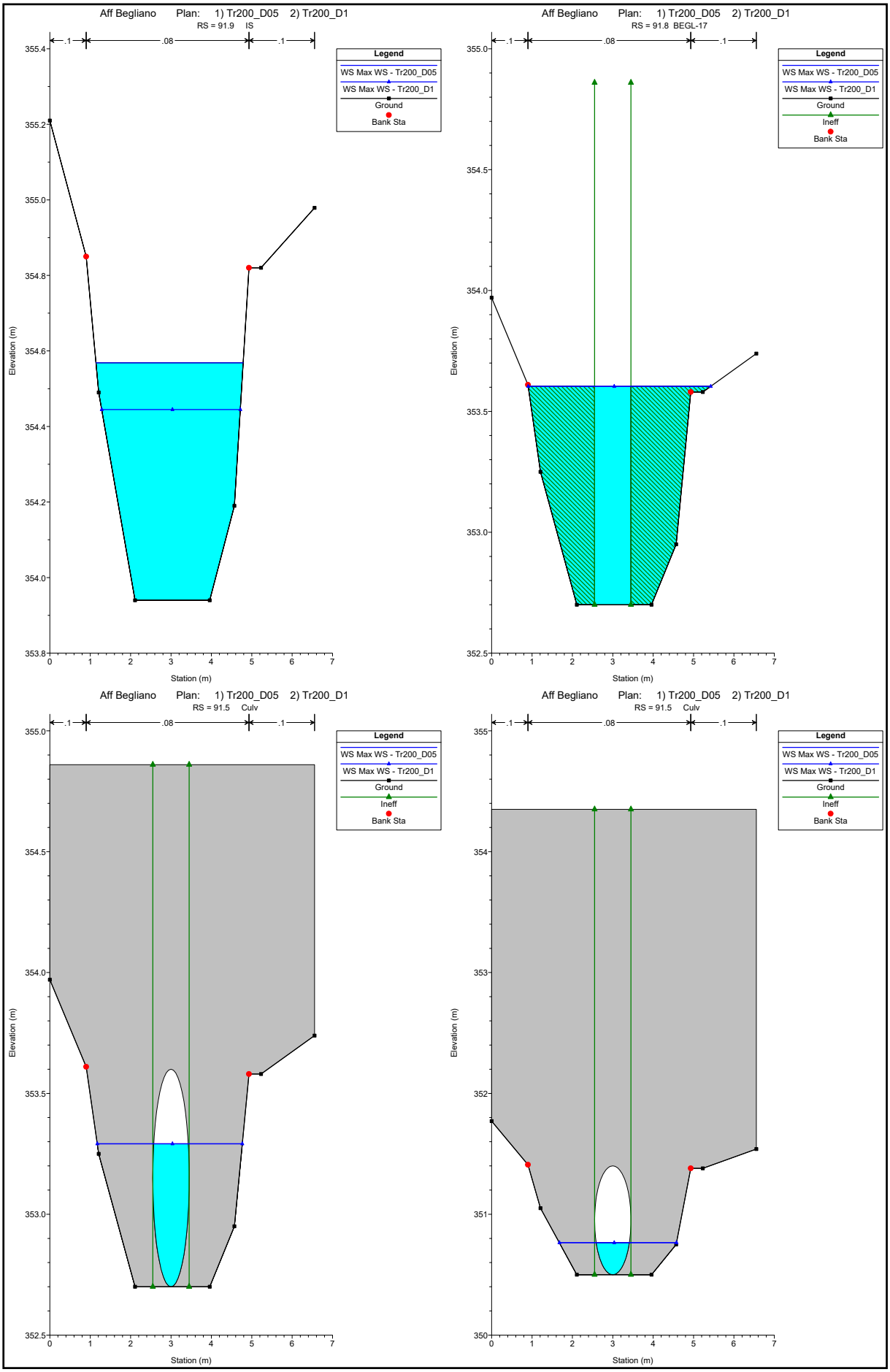
RS = 120 BEGL-21
.1
.08
1
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Aff Begliano Plan: 1) Tr200_D05 2) Tr200_D1
RS = 110 BEGL-20
.1
.08
.1
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Aff Begliano Plan: 1) Tr200_D05 2) Tr200_D1
RS = 100 BEGL-19
.1
.08
.1
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Aff Begliano Plan: 1) Tr200_D05 2) Tr200_D1
RS = 92 BEGL-18
.1
.08
.1
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
Ground
Bank Sta
Elevation (m)
Station (m)


Aff Begliano Plan: 1) Tr200_D05 2) Tr200_D1
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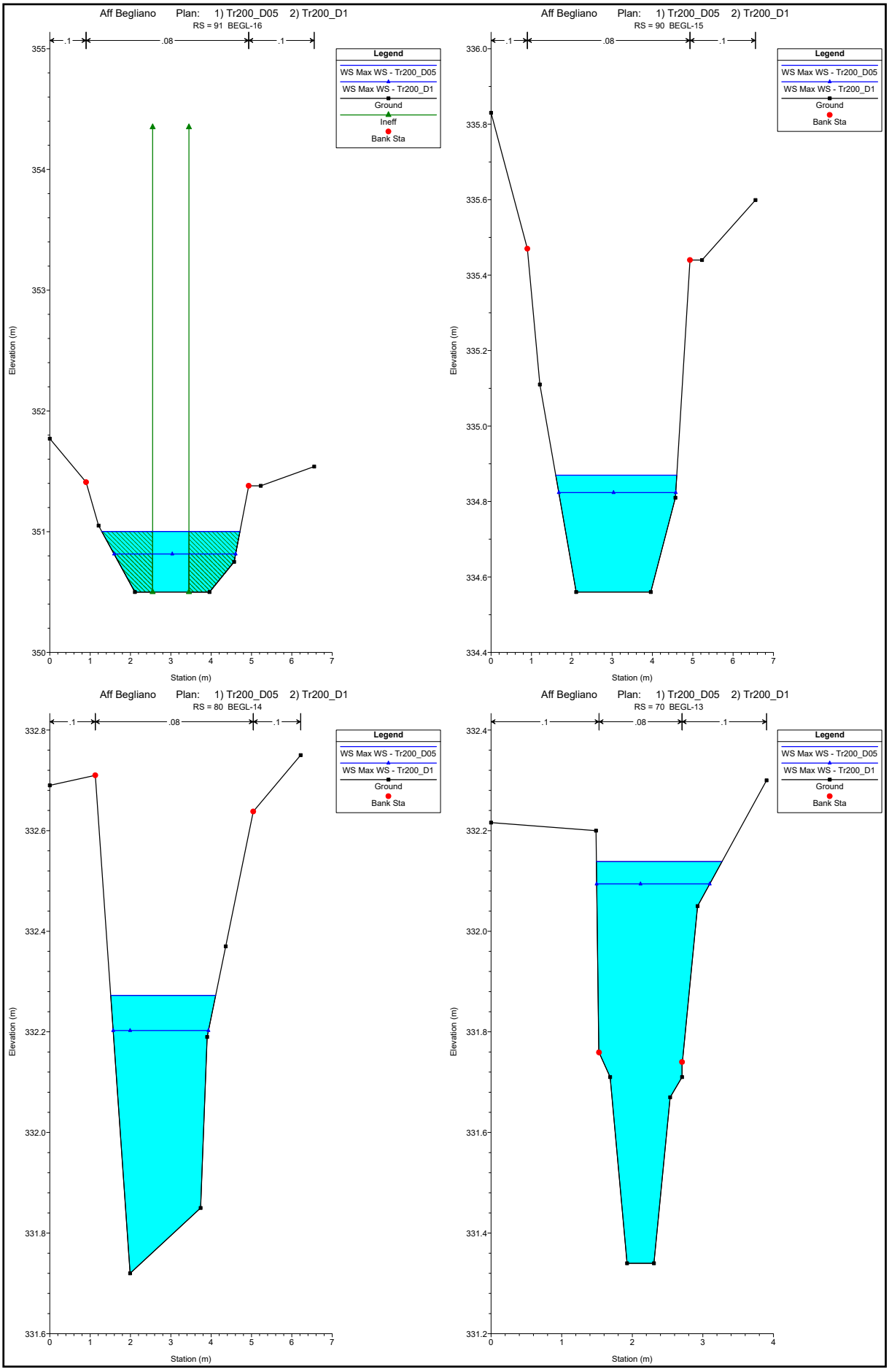
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Aff Begliano Plan: 1) Tr200_D05 2) Tr200_D1
RS = 91.8 BEGL-17
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
Ground
Ineff
Bank Sta
Elevation (m)
Station (m)
Aff Begliano Plan: 1) Tr200_D05 2) Tr200_D1
RS = 91.5 Culv
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
Ground
Ineff
Bank Sta
Elevation (m)
Station (m)
Aff Begliano Plan: 1) Tr200_D05 2) Tr200_D1
RS = 91.5 Culv
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
Ground
Ineff
Bank Sta
Elevation (m)
Station (m)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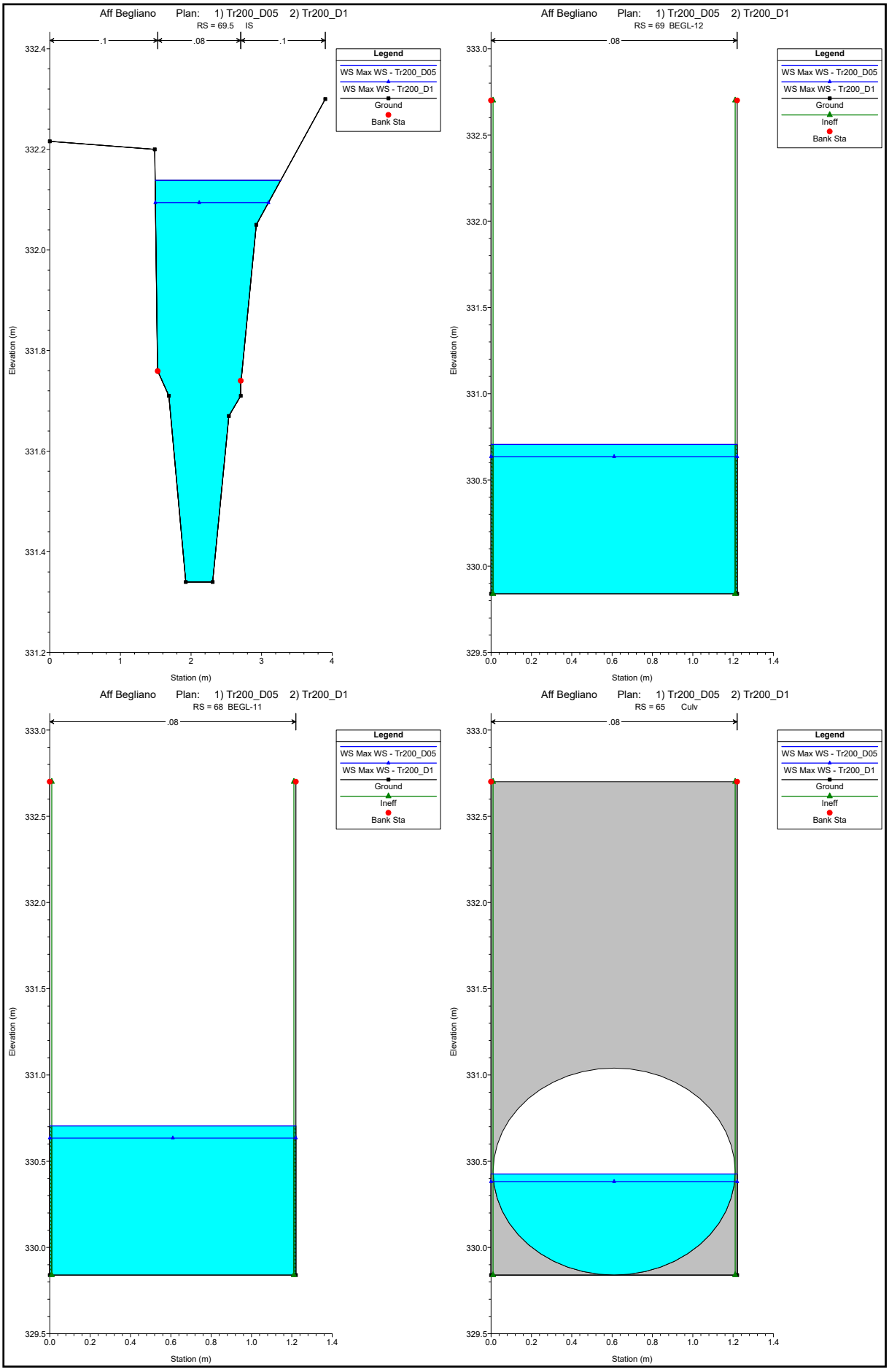
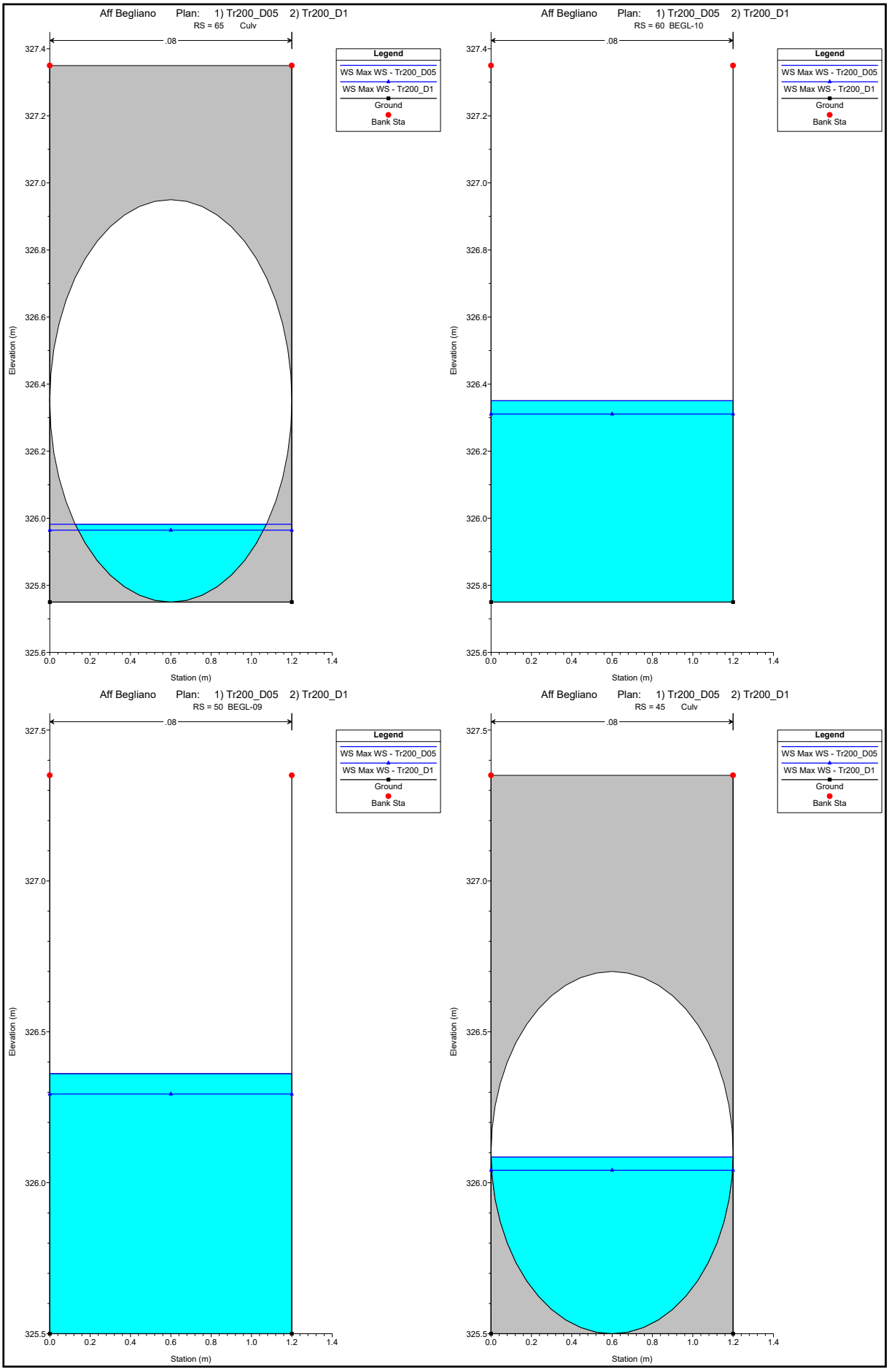
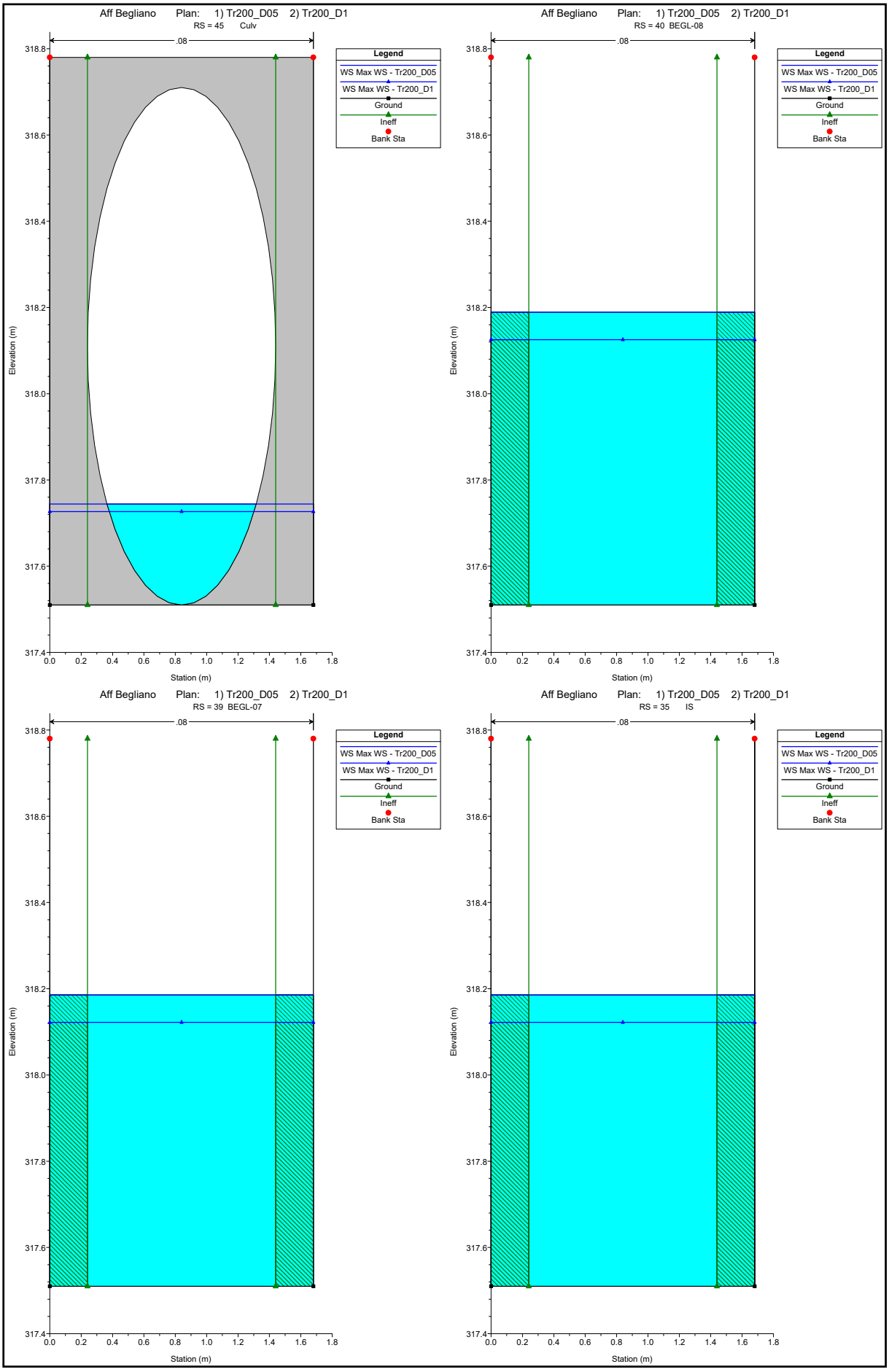
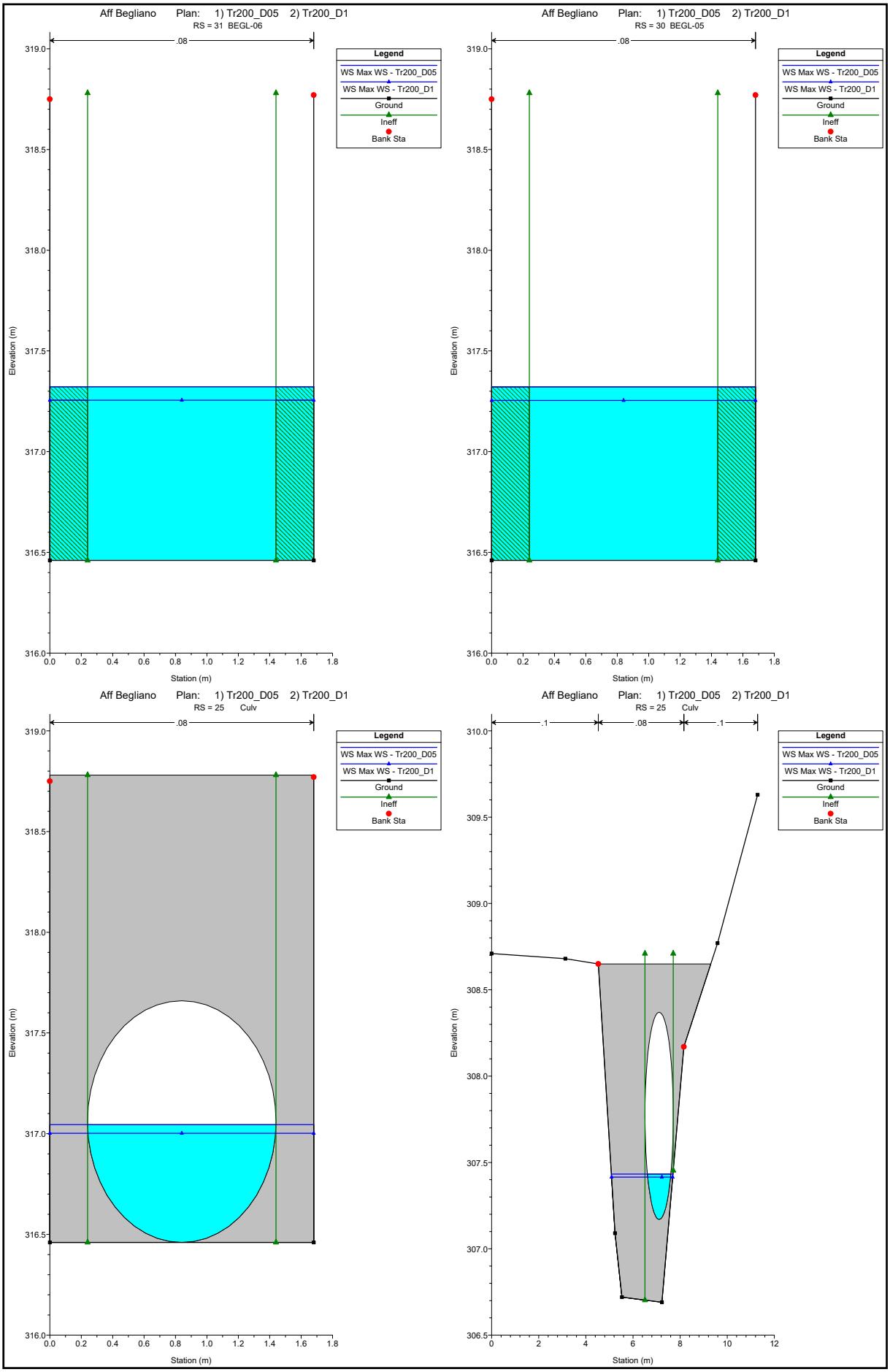
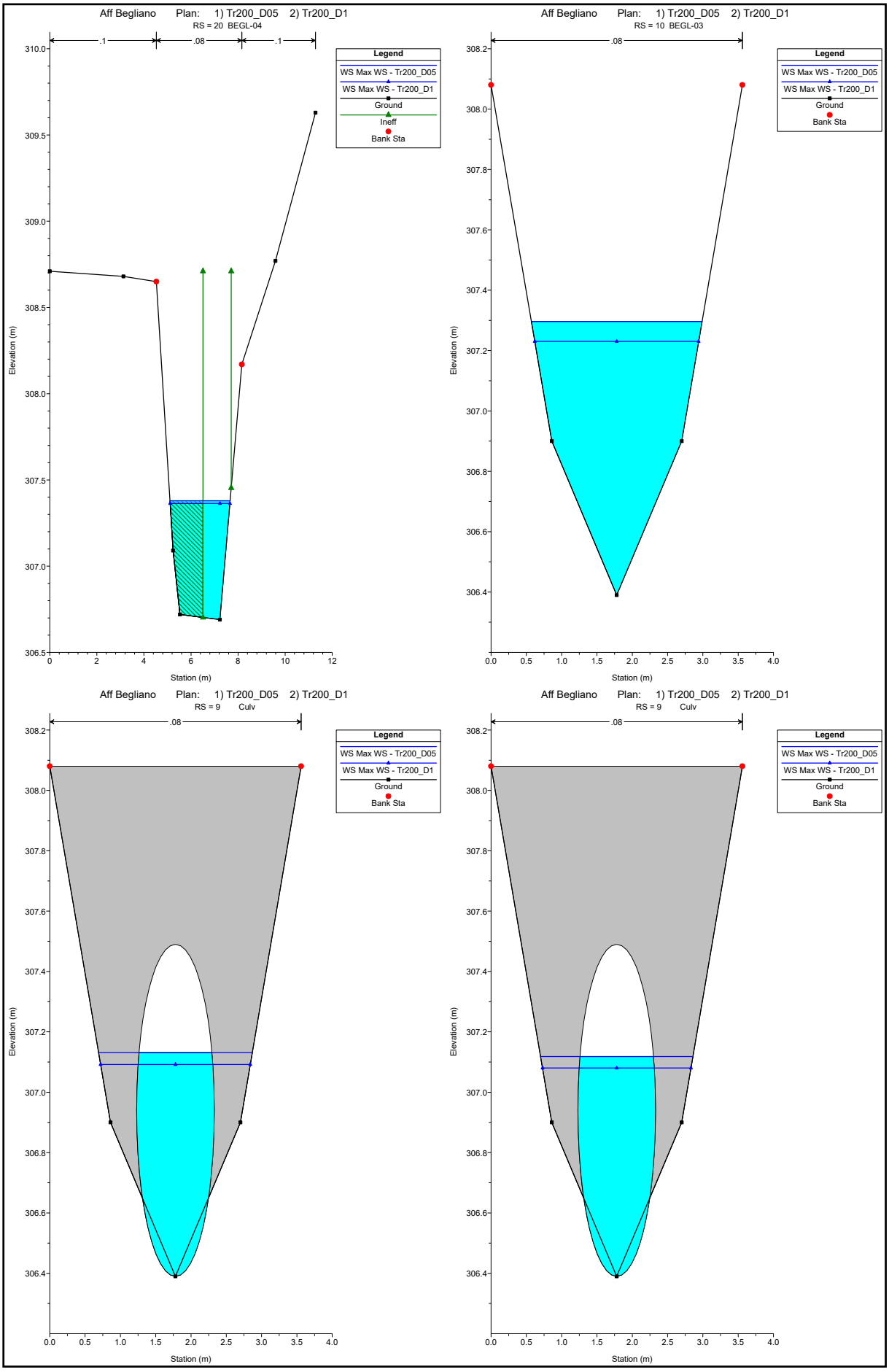
RS = 91 BEGL-16
.1
.08
.1
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
Ground
Ineff
Bank Sta
Elevation (m)
Station (m)
Aff Begliano Plan: 1) Tr200_D05 2) Tr200_D1
RS = 90 BEGL-15
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Aff Begliano Plan: 1) Tr200_D05 2) Tr200_D1
RS = 80 BEGL-14
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Aff Begliano Plan: 1) Tr200_D05 2) Tr200_D1
RS = 70 BEGL-13
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
Ground
Bank Sta
Elevation (m)
Station (m)

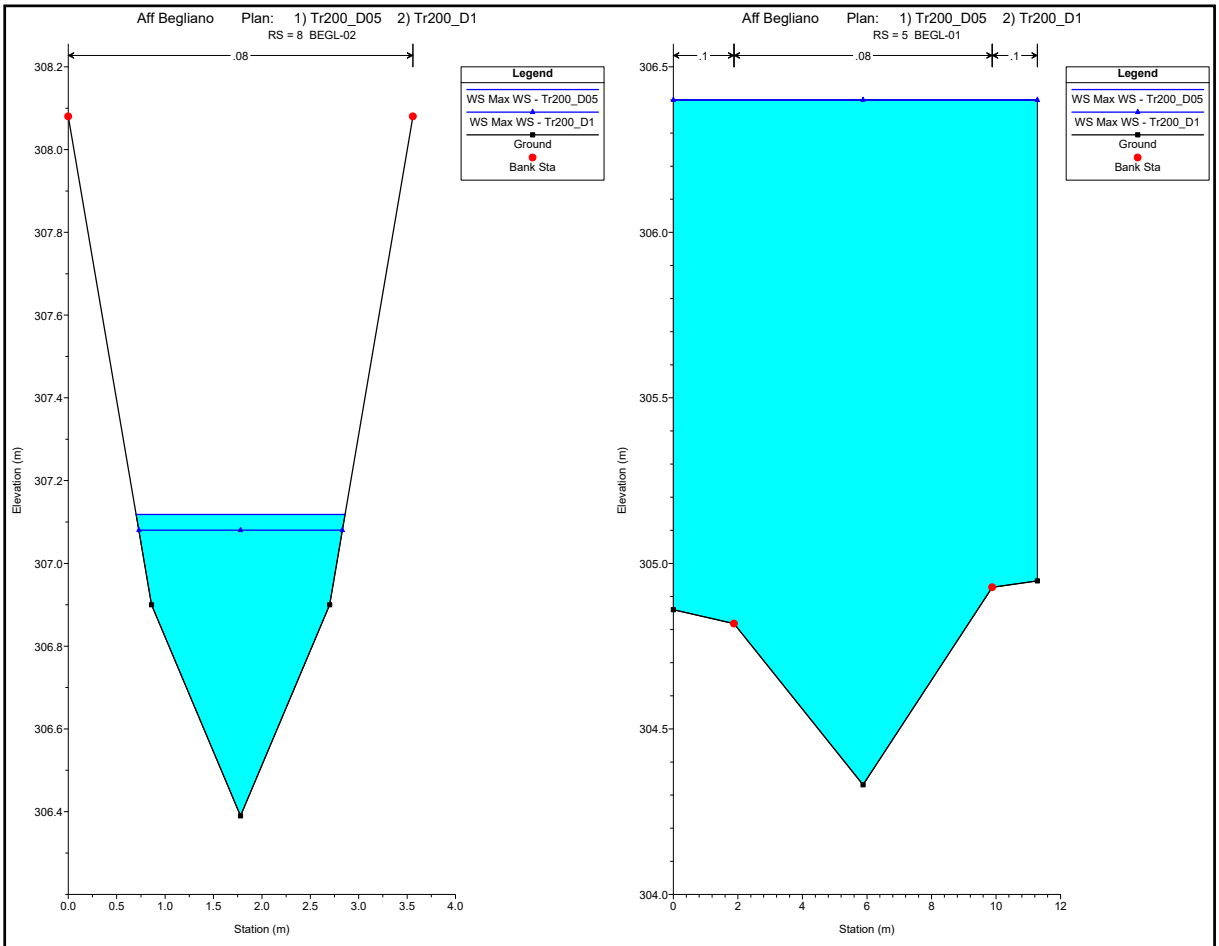

Aff Begliano Plan: 1) Tr200_D05 2) Tr200_D1
RS = 69.5 IS
.1
.08
.1
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Aff Begliano Plan: 1) Tr200_D05 2) Tr200_D1
RS = 69 BEGL-12
.08
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
Ground
Ineff
Bank Sta
Elevation (m)
Station (m)
Aff Begliano Plan: 1) Tr200_D05 2) Tr200_D1
RS = 68 BEGL-11
.08
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
Ground
Ineff
Bank Sta
Elevation (m)
Station (m)
Aff Begliano Plan: 1) Tr200_D05 2) Tr200_D1
RS = 65 Culv
.08
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
Ground
Ineff
Bank Sta
Elevation (m)
Station (m)


Aff Begliano Plan: 1) Tr200_D05 2) Tr200_D1
RS = 65 Culv
.08
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Aff Begliano Plan: 1) Tr200_D05 2) Tr200_D1
RS = 60 BEGL-10
.08
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Aff Begliano Plan: 1) Tr200_D05 2) Tr200_D1
RS = 50 BEGL-09
.08
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Aff Begliano Plan: 1) Tr200_D05 2) Tr200_D1
RS = 45 Culv
.08
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
Ground
Bank Sta
Elevation (m)
Station (m)


Aff Begliano Plan: 1) Tr200_D05 2) Tr200_D1
RS = 45 Culv
.08
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
Ground
Ineff
Bank Sta
Elevation (m)
Station (m)
Aff Begliano Plan: 1) Tr200_D05 2) Tr200_D1
RS = 40 BEGL-08
.08
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
Ground
Ineff
Bank Sta
Elevation (m)
Station (m)
Aff Begliano Plan: 1) Tr200_D05 2) Tr200_D1
RS = 39 BEGL-07
.08
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
Ground
Ineff
Bank Sta
Elevation (m)
Station (m)
Aff Begliano Plan: 1) Tr200_D05 2) Tr200_D1
RS = 35 IS
.08
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
Ground
Ineff
Bank Sta
Elevation (m)
Station (m)


Aff Begliano Plan: 1) Tr200_D05 2) Tr200_D1
RS = 31 BEGL-06
.08
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
Ground
Ineff
Bank Sta
Elevation (m)
Station (m)
Aff Begliano Plan: 1) Tr200_D05 2) Tr200_D1
RS = 30 BEGL-05
.08
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
Ground
Ineff
Bank Sta
Elevation (m)
Station (m)
Aff Begliano Plan: 1) Tr200_D05 2) Tr200_D1
RS = 25 Culv
.08
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
Ground
Ineff
Bank Sta
Elevation (m)
Station (m)
Aff Begliano Plan: 1) Tr200_D05 2) Tr200_D1
RS = 25 Culv
.1
.08
.1
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
Ground
Ineff
Bank Sta
Elevation (m)
Station (m)


Aff Begliano Plan: 1) Tr200_D05 2) Tr200_D1
RS = 20 BEGL-04
.1
.08
.1
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
Ground
Ineff
Bank Sta
Elevation (m)
Station (m)
Aff Begliano Plan: 1) Tr200_D05 2) Tr200_D1
RS = 10 BEGL-03
.08
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Aff Begliano Plan: 1) Tr200_D05 2) Tr200_D1
RS = 9 Culv
.08
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Aff Begliano Plan: 1) Tr200_D05 2) Tr200_D1
RS = 9 Culv
.08
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
Ground
Bank Sta
Elevation (m)
Station (m)


Aff Begliano Plan: 1) Tr200_D05 2) Tr200_D1
RS = 8 BEGL-02
.08
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Aff Begliano Plan: 1) Tr200_D05 2) Tr200_D1
RS = 5 BEGL-01
.1
.08
.1
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
Ground
Bank Sta
Elevation (m)
Station (m)

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "AFF BEGLIANO"

AV7188

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 0.5 e 1h

Dati idraulici

HEC-RAS River: AV7188 Reach: AV7188 Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
AV7188	120	Max WS	Tr200_D05	2.40	432.42	432.96		433.11	0.072804	1.73			1.39	3.24	0.84
AV7188	120	Max WS	Tr200_D1	1.60	432.42	432.84		432.97	0.083035	1.57			1.02	3.15	0.88
AV7188	110	Max WS	Tr200_D05	2.39	430.70	431.89		431.95	0.017029	1.10			2.18	2.88	0.40
AV7188	110	Max WS	Tr200_D1	1.60	430.70	431.36		431.54	0.091949	1.83			0.87	2.07	0.90
AV7188	100	Max WS	Tr200_D05	2.39	430.20	430.72	430.96	431.54	0.587808	3.99			0.60	1.85	2.24
AV7188	100	Max WS	Tr200_D1	1.60	430.20	430.71	430.83	431.11	0.308099	2.82			0.57	1.82	1.61
AV7188	92	Max WS	Tr200_D05	2.36	353.94	354.57	354.40	354.65	0.031151	1.29			1.83	3.64	0.58
AV7188	92	Max WS	Tr200_D1	1.60	353.94	354.44	354.30	354.51	0.031841	1.15			1.39	3.43	0.58
AV7188	91.9			Inl Struct											
AV7188	91.8	Max WS	Tr200_D05	1.00	352.70	353.60		353.68	0.011083	1.23			0.81	4.52	0.41
AV7188	91.8	Max WS	Tr200_D1	1.00	352.70	353.60		353.68	0.011083	1.23			0.81	4.52	0.41
AV7188	91.5			Culvert											
AV7188	91	Max WS	Tr200_D05	1.00	350.50	351.00	351.00	351.25	0.078557	2.21			0.45	3.43	1.00
AV7188	91	Max WS	Tr200_D1	1.00	350.50	350.82	351.00	351.45	0.370764	3.53			0.28	3.01	2.01
AV7188	90	Max WS	Tr200_D05	1.37	334.56	334.87	334.89	335.03	0.135793	1.78			0.77	3.00	1.13
AV7188	90	Max WS	Tr200_D1	1.00	334.56	334.82	334.84	334.95	0.131409	1.59			0.63	2.90	1.09
AV7188	80	Max WS	Tr200_D05	1.17	331.72	332.27		332.34	0.035216	1.13			1.03	2.60	0.57
AV7188	80	Max WS	Tr200_D1	1.00	331.72	332.20		332.27	0.041578	1.16			0.86	2.36	0.61
AV7188	70	Max WS	Tr200_D05	1.16	331.34	332.14	331.98	332.26	0.042403	1.54	0.16	0.42	0.81	1.78	0.62
AV7188	70	Max WS	Tr200_D1	1.00	331.34	332.09	331.93	332.20	0.040588	1.43	0.14	0.39	0.74	1.60	0.60
AV7188	69.5			Inl Struct											
AV7188	69	Max WS	Tr200_D05	1.16	329.84	330.71		330.77	0.009720	1.12			1.04	1.22	0.38
AV7188	69	Max WS	Tr200_D1	1.00	329.84	330.64		330.69	0.009541	1.05			0.95	1.22	0.38
AV7188	68	Max WS	Tr200_D05	1.16	329.84	330.70		330.77	0.009748	1.12			1.04	1.22	0.38
AV7188	68	Max WS	Tr200_D1	1.00	329.84	330.63		330.69	0.009577	1.05			0.95	1.22	0.38
AV7188	65			Culvert											
AV7188	60	Max WS	Tr200_D05	1.16	325.75	326.35		326.48	0.082894	1.61			0.72	1.20	0.66
AV7188	60	Max WS	Tr200_D1	1.00	325.75	326.31		326.42	0.073666	1.49			0.67	1.20	0.63
AV7188	50	Max WS	Tr200_D05	1.16	325.50	326.36		326.43	0.032166	1.12			1.03	1.20	0.39
AV7188	50	Max WS	Tr200_D1	1.00	325.50	326.29		326.35	0.029476	1.05			0.95	1.20	0.38
AV7188	45			Culvert											
AV7188	40	Max WS	Tr200_D05	1.16	317.51	318.19		318.29	0.021683	1.42			0.81	1.68	0.55
AV7188	40	Max WS	Tr200_D1	1.00	317.51	318.13		318.22	0.022423	1.35			0.74	1.68	0.55
AV7188	39	Max WS	Tr200_D05	1.16	317.51	318.19	317.96	318.29	0.022030	1.43			0.81	1.68	0.55
AV7188	39	Max WS	Tr200_D1	1.00	317.51	318.12	317.92	318.22	0.022795	1.36			0.73	1.68	0.56
AV7188	35			Inl Struct											
AV7188	31	Max WS	Tr200_D05	1.16	316.46	317.32		317.39	0.009776	1.12			1.03	1.68	0.39
AV7188	31	Max WS	Tr200_D1	1.00	316.46	317.26		317.31	0.009528	1.05			0.95	1.68	0.38
AV7188	30	Max WS	Tr200_D05	1.16	316.46	317.32		317.39	0.009804	1.12			1.03	1.68	0.39
AV7188	30	Max WS	Tr200_D1	1.00	316.46	317.25		317.31	0.009579	1.05			0.95	1.68	0.38
AV7188	25			Culvert											
AV7188	20	Max WS	Tr200_D05	1.15	306.69	307.38		307.54	0.065423	1.79			0.64	2.55	0.77
AV7188	20	Max WS	Tr200_D1	1.00	306.69	307.36		307.49	0.054044	1.61			0.62	2.54	0.69
AV7188	10	Max WS	Tr200_D05	1.14	306.39	307.30		307.33	0.014990	0.87			1.31	2.42	0.38
AV7188	10	Max WS	Tr200_D1	1.00	306.39	307.23		307.27	0.016462	0.86			1.16	2.32	0.39
AV7188	9			Culvert											
AV7188	8	Max WS	Tr200_D05	1.14	306.39	307.12		307.20	0.042185	1.26			0.90	2.16	0.62
AV7188	8	Max WS	Tr200_D1	1.00	306.39	307.08		307.16	0.042474	1.21			0.82	2.10	0.62
AV7188	5	Max WS	Tr200_D05	1.00	304.33	306.40	304.65	306.40	0.000011	0.06	0.03	0.03	19.37	11.28	0.01
AV7188	5	Max WS	Tr200_D1	1.00	304.33	306.40	304.65	306.40	0.000011	0.06	0.03	0.03	19.37	11.28	0.01

ALLEGATI

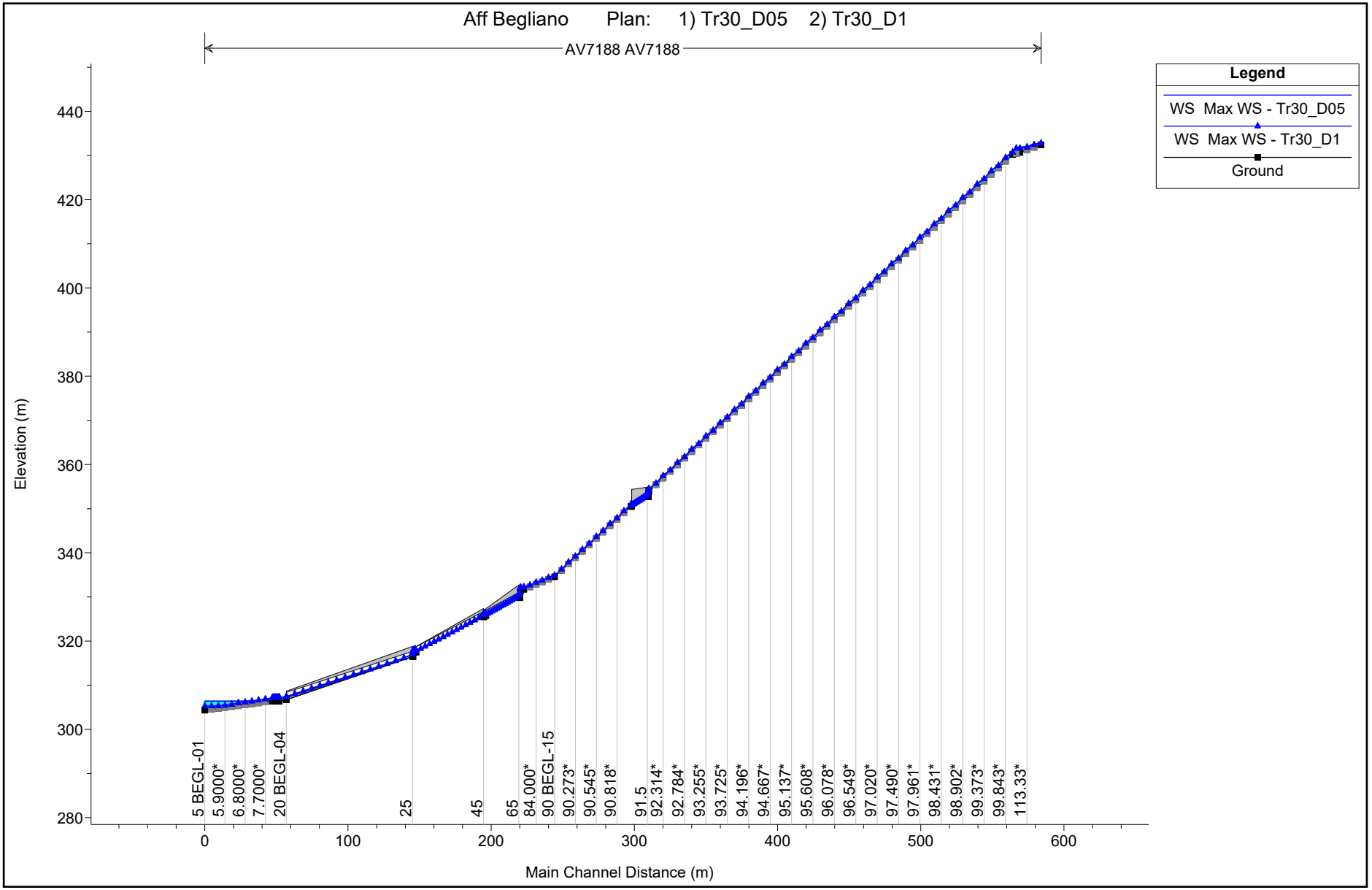
MODELLAZIONE HEC-RAS 5.0.7 "AFF BEGLIANO"

AV7188

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 0.5 e 1h

Profilo longitudinale


Aff Begliano Plan: 1) Tr30_D05 2) Tr30_D1
AV7188 AV7188
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
Ground
Elevation (m)
Main Channel Distance (m)
440
420
400
380
360
340
320
300
280
0
100
200
300
400
500
600
5 BEGL-01
5.9000*
6.8000*
7.7000*
20 BEGL-04
25
45
65
84.000*
90 BEGL-15
90.273*
90.545*
90.818*
91.5
92.314*
92.784*
93.255*
93.725*
94.196*
94.667*
95.137*
95.608*
96.078*
96.549*
97.020*
97.490*
97.961*
98.431*
98.902*
99.373*
99.843*
113.33*

ALLEGATI

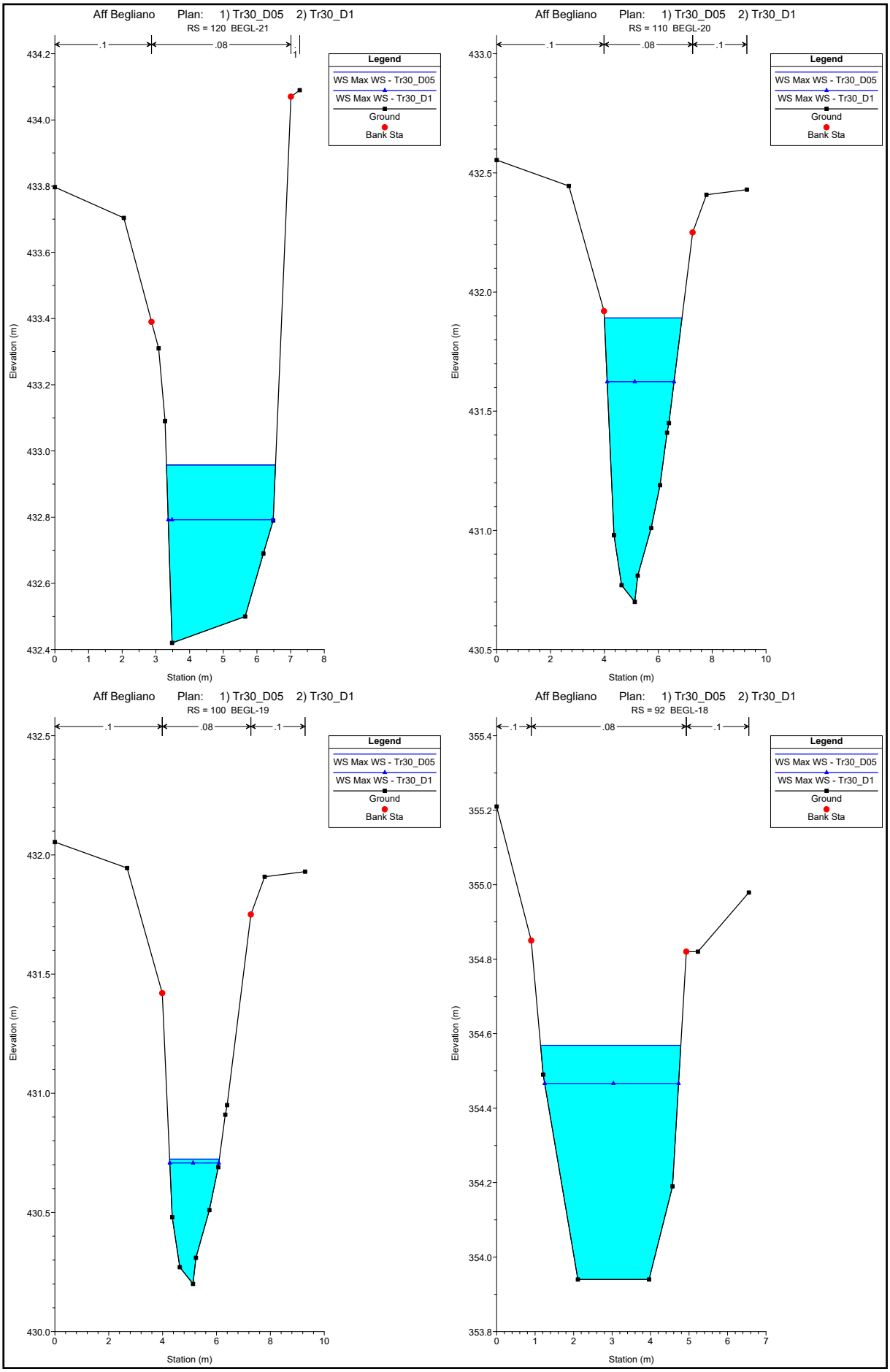
MODELLAZIONE HEC-RAS 5.0.7 "AFF BEGLIANO"

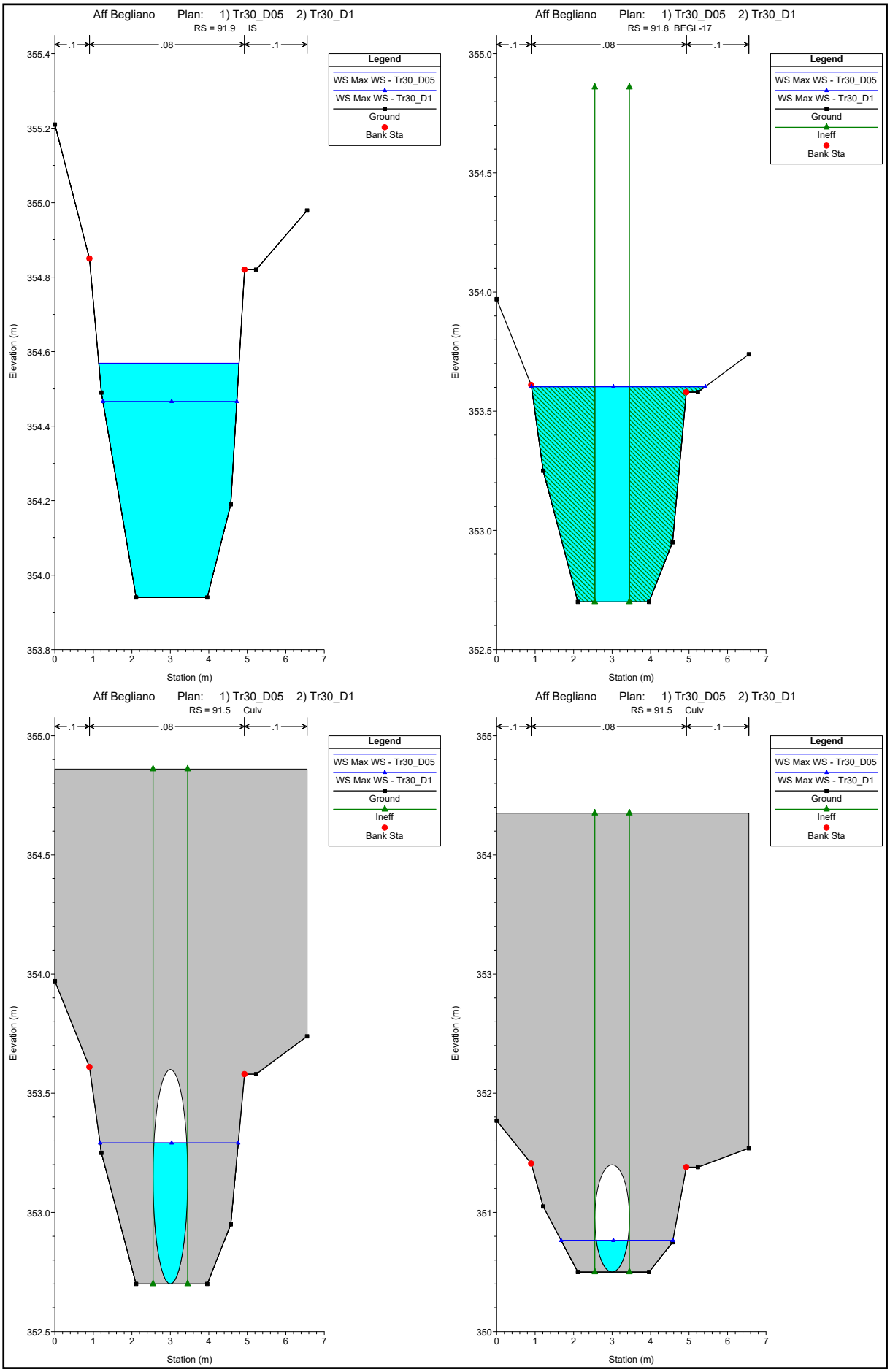
AV7188

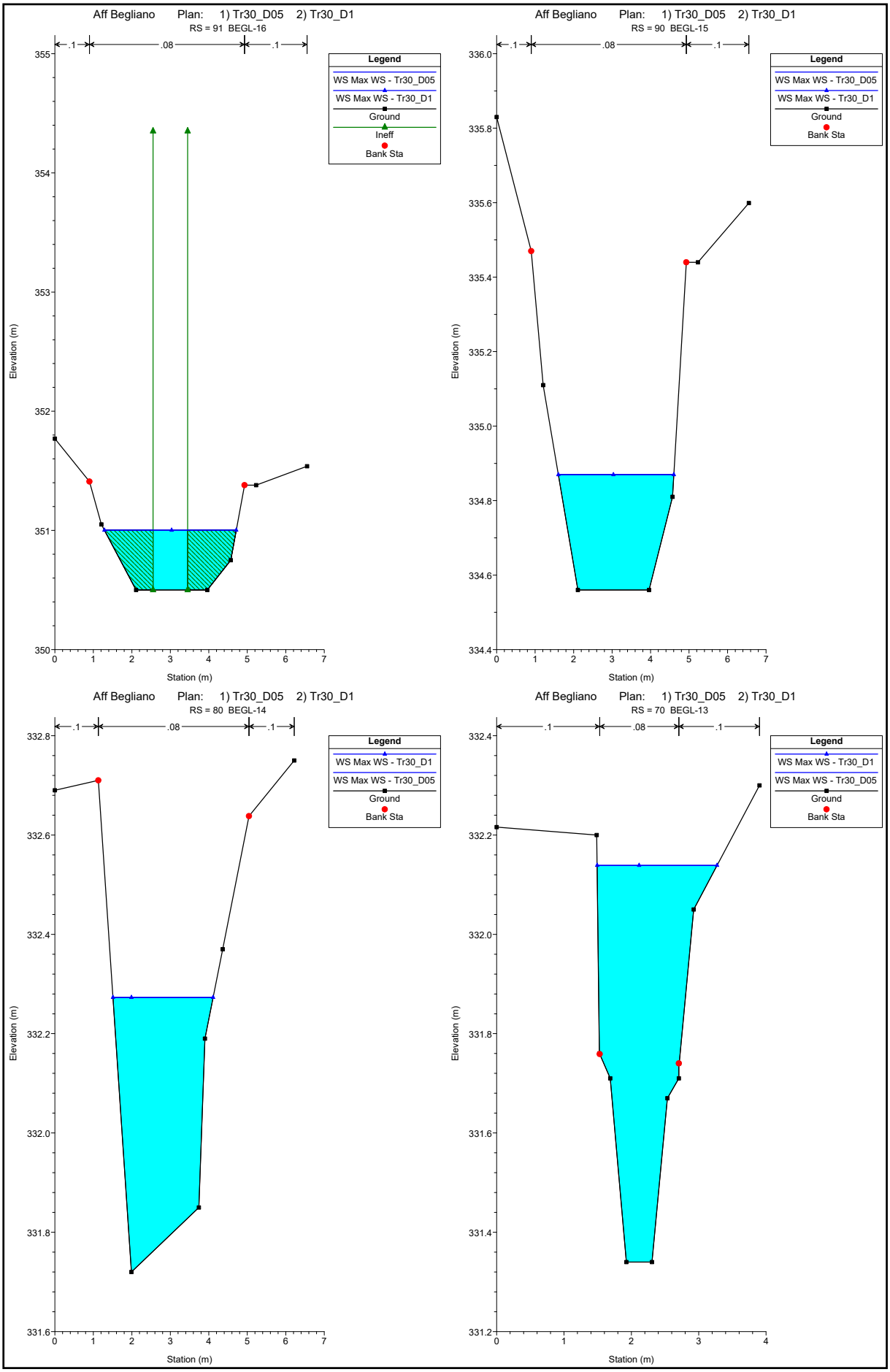
MODELLAZIONE PER TR= 30 anni

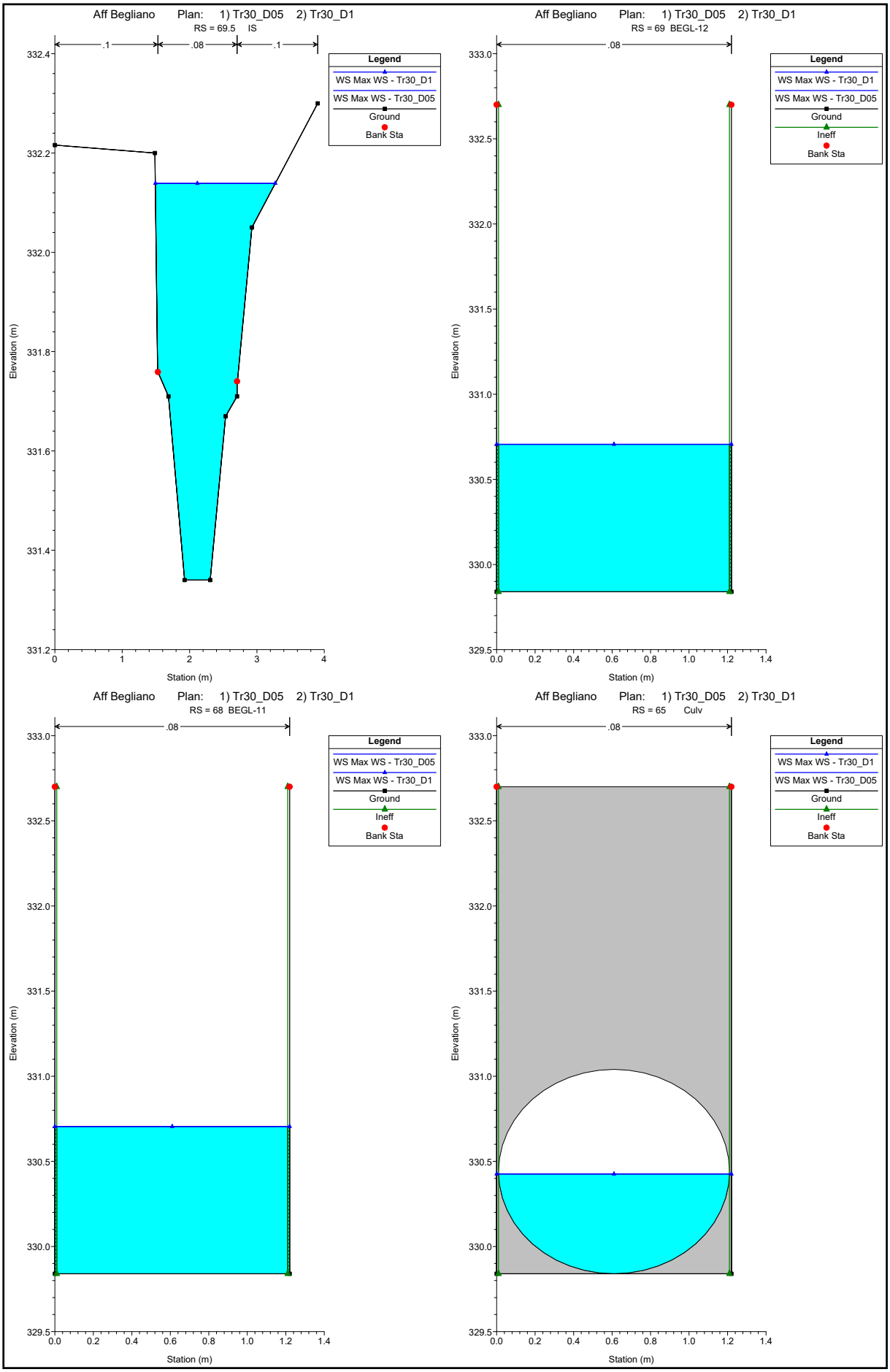
DURATE DI PIOGGIA: 0.5 e 1h

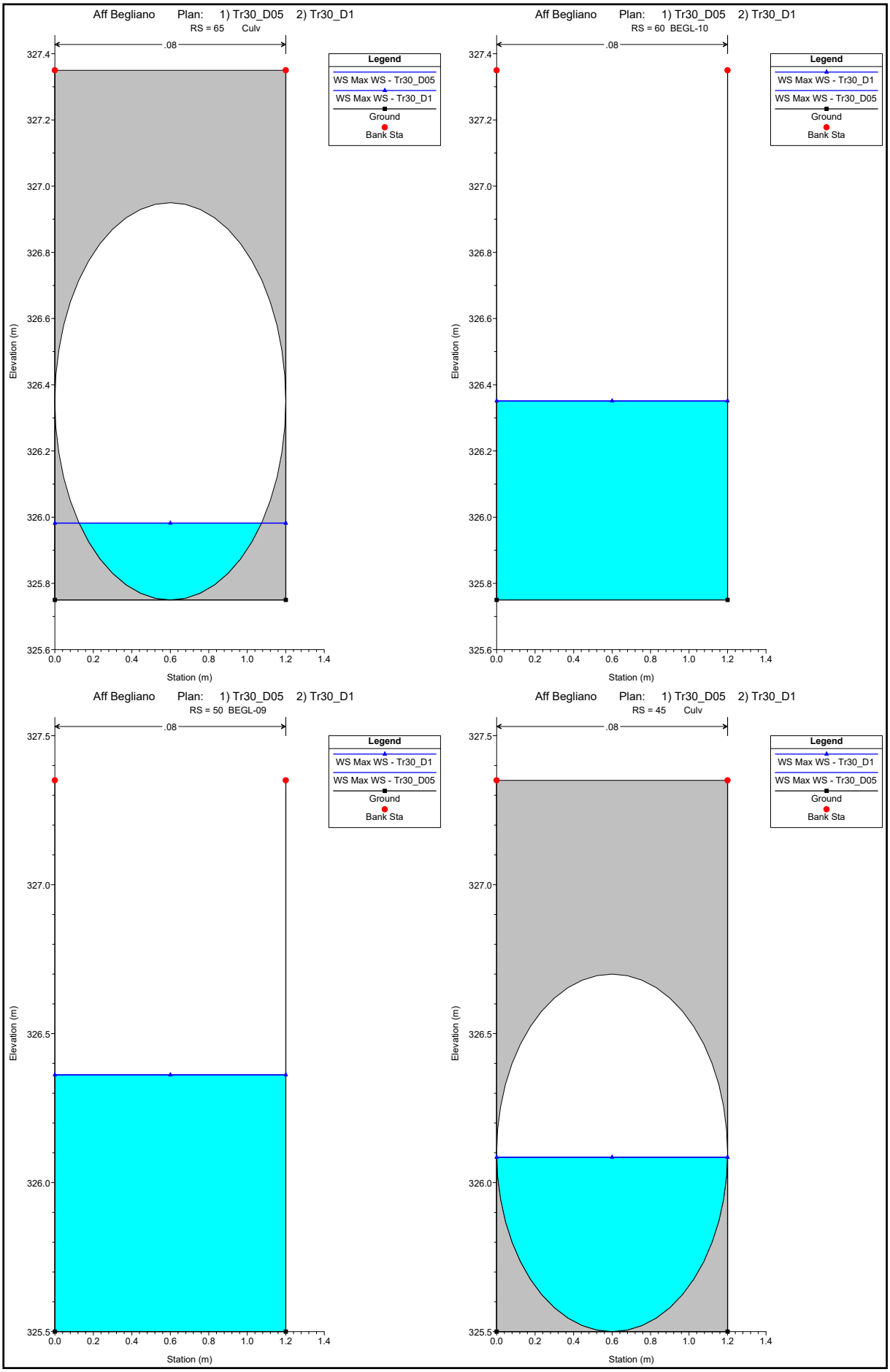
Sezioni Trasversali (da monte verso valle)

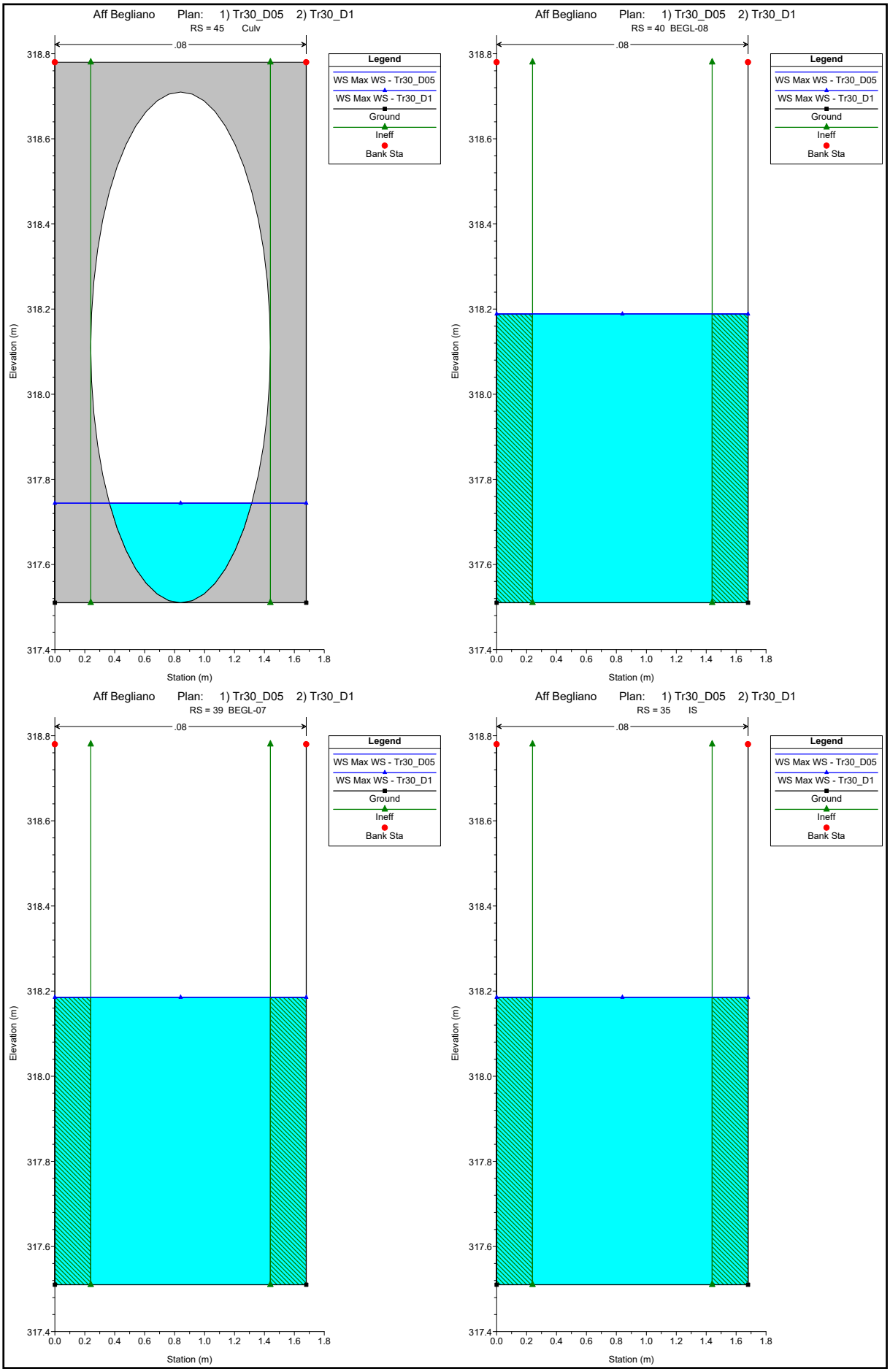

Aff Begliano Plan: 1) Tr30_D05 2) Tr30_D1
RS = 120 BEGL-21
.1
.08
.1
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Aff Begliano Plan: 1) Tr30_D05 2) Tr30_D1
RS = 110 BEGL-20
.1
.08
.1
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Aff Begliano Plan: 1) Tr30_D05 2) Tr30_D1
RS = 100 BEGL-19
.1
.08
.1
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Aff Begliano Plan: 1) Tr30_D05 2) Tr30_D1
RS = 92 BEGL-18
.1
.08
.1
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
Ground
Bank Sta
Elevation (m)
Station (m)

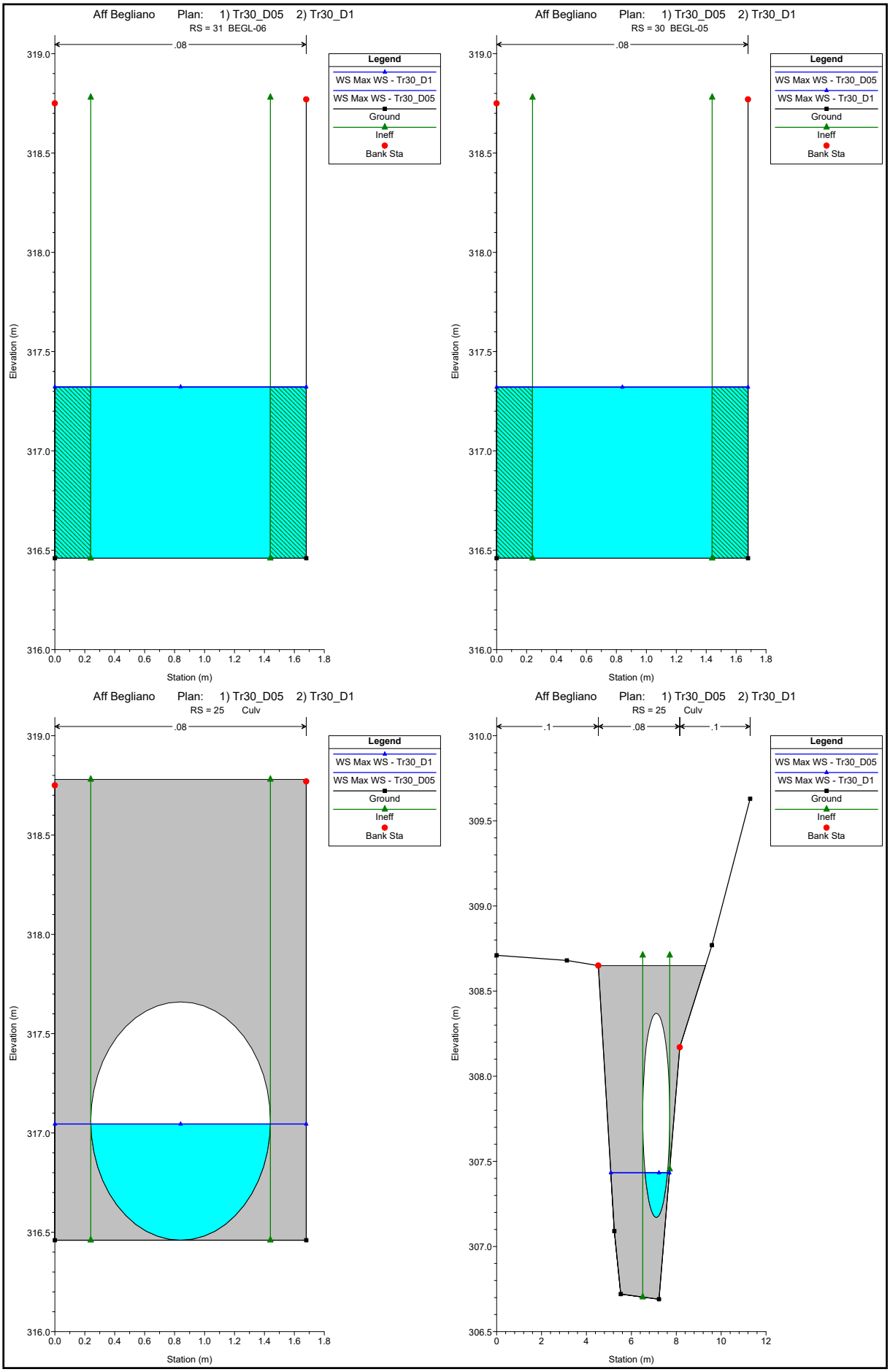

Aff Begliano Plan: 1) Tr30_D05 2) Tr30_D1
RS = 91.9 IS
.1
.08
.1
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Aff Begliano Plan: 1) Tr30_D05 2) Tr30_D1
RS = 91.8 BEGL-17
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
Ground
Ineff
Bank Sta
Elevation (m)
Station (m)
Aff Begliano Plan: 1) Tr30_D05 2) Tr30_D1
RS = 91.5 Culv
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
Ground
Ineff
Bank Sta
Elevation (m)
Station (m)
Aff Begliano Plan: 1) Tr30_D05 2) Tr30_D1
RS = 91.5 Culv
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
Ground
Ineff
Bank Sta
Elevation (m)
Station (m)

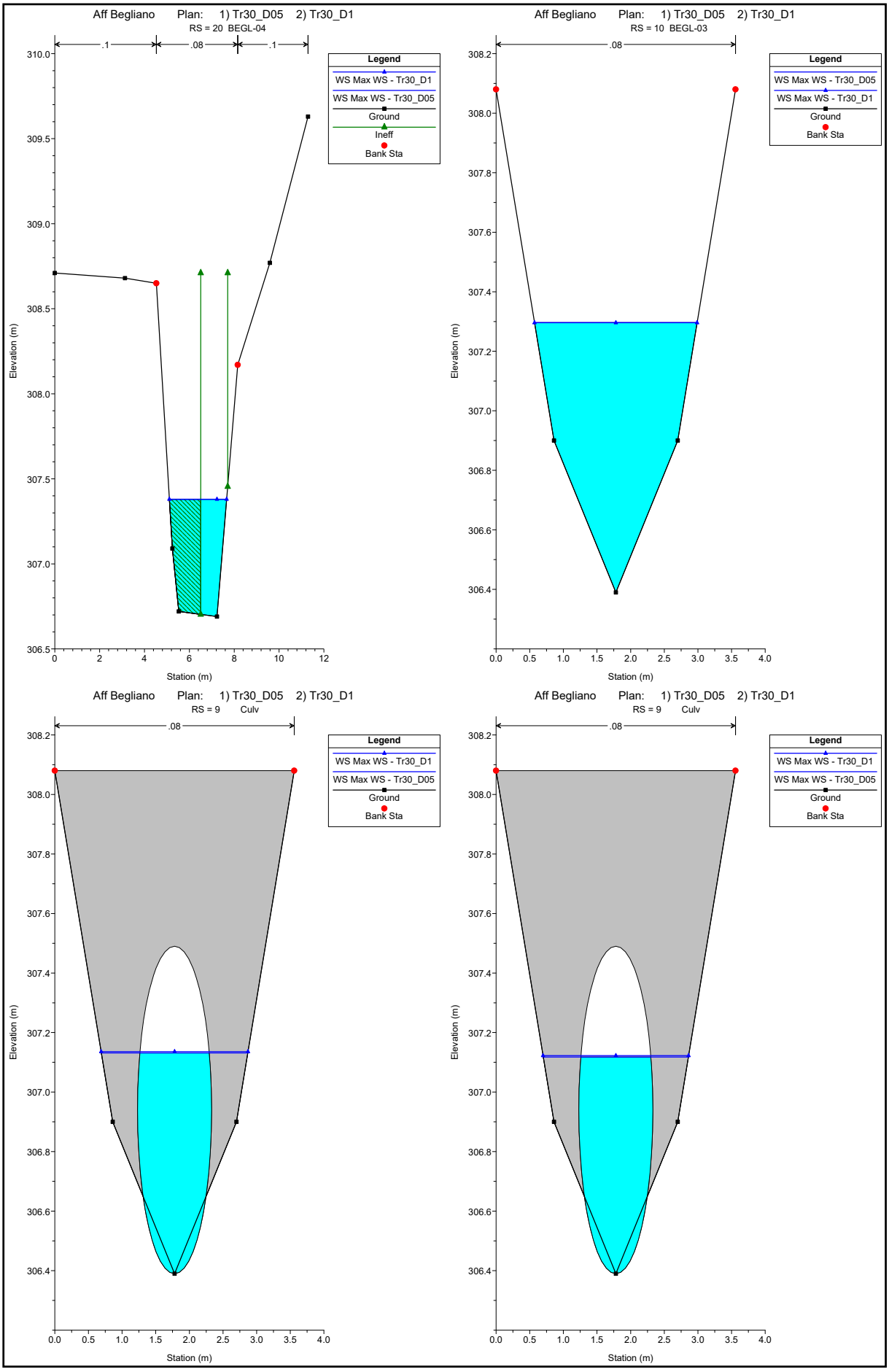

Aff Begliano Plan: 1) Tr30_D05 2) Tr30_D1
RS = 91 BEGL-16
.1
.08
.1
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
Ground
Ineff
Bank Sta
Elevation (m)
Station (m)
Aff Begliano Plan: 1) Tr30_D05 2) Tr30_D1
RS = 90 BEGL-15
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Aff Begliano Plan: 1) Tr30_D05 2) Tr30_D1
RS = 80 BEGL-14
Legend
WS Max WS - Tr30_D1
WS Max WS - Tr30_D05
Ground
Bank Sta
Elevation (m)
Station (m)
Aff Begliano Plan: 1) Tr30_D05 2) Tr30_D1
RS = 70 BEGL-13
Legend
WS Max WS - Tr30_D1
WS Max WS - Tr30_D05
Ground
Bank Sta
Elevation (m)
Station (m)

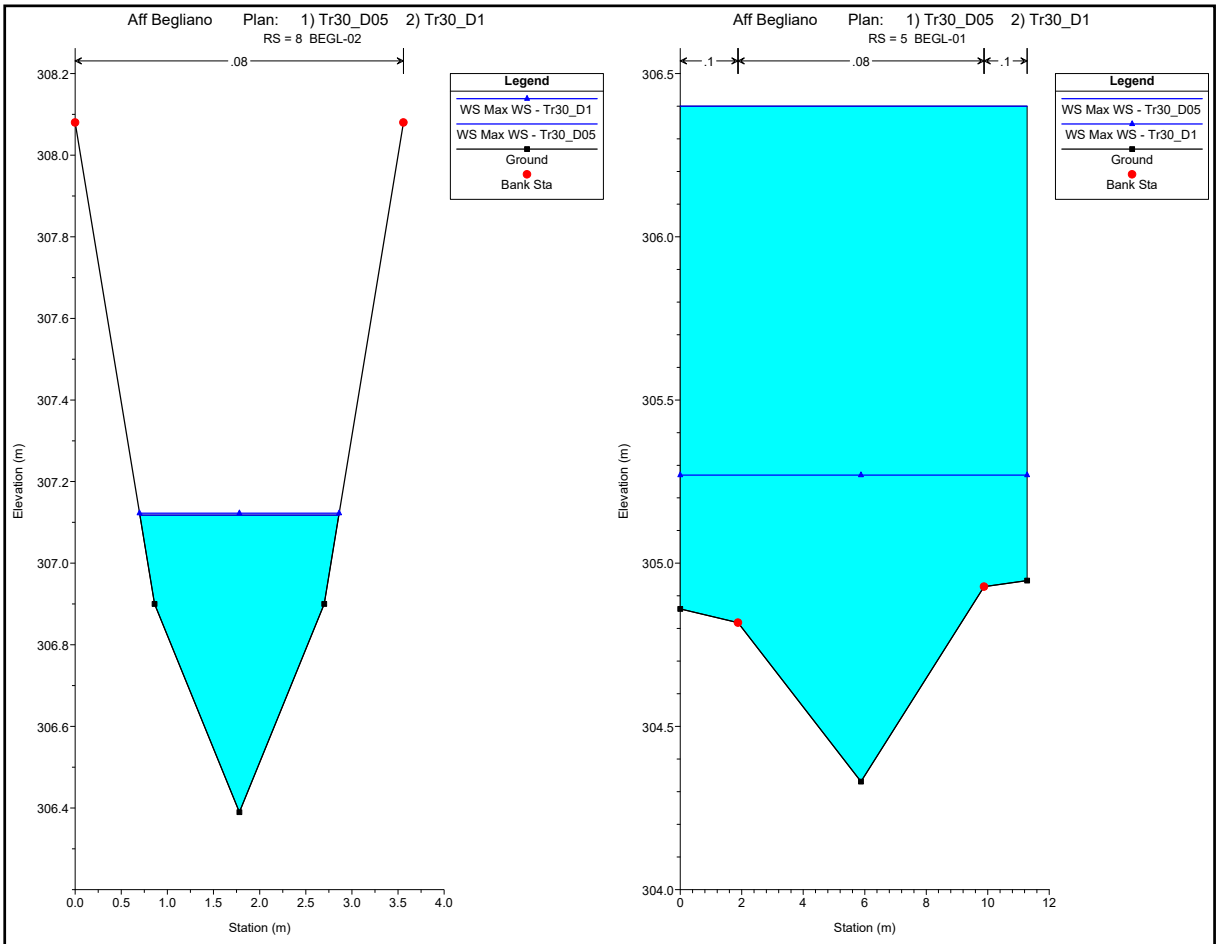

Aff Begliano Plan: 1) Tr30_D05 2) Tr30_D1
RS = 69.5 IS
.1
.08
.1
Legend
WS Max WS - Tr30_D1
WS Max WS - Tr30_D05
Ground
Bank Sta
Elevation (m)
Station (m)
Aff Begliano Plan: 1) Tr30_D05 2) Tr30_D1
RS = 69 BEGL-12
.08
Legend
WS Max WS - Tr30_D1
WS Max WS - Tr30_D05
Ground
Ineff
Bank Sta
Elevation (m)
Station (m)
Aff Begliano Plan: 1) Tr30_D05 2) Tr30_D1
RS = 68 BEGL-11
.08
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
Ground
Ineff
Bank Sta
Elevation (m)
Station (m)
Aff Begliano Plan: 1) Tr30_D05 2) Tr30_D1
RS = 65 Culv
.08
Legend
WS Max WS - Tr30_D1
WS Max WS - Tr30_D05
Ground
Ineff
Bank Sta
Elevation (m)
Station (m)


Aff Begliano Plan: 1) Tr30_D05 2) Tr30_D1
RS = 65 Culv
.08
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Aff Begliano Plan: 1) Tr30_D05 2) Tr30_D1
RS = 60 BEGL-10
.08
Legend
WS Max WS - Tr30_D1
WS Max WS - Tr30_D05
Ground
Bank Sta
Elevation (m)
Station (m)
Aff Begliano Plan: 1) Tr30_D05 2) Tr30_D1
RS = 50 BEGL-09
.08
Legend
WS Max WS - Tr30_D1
WS Max WS - Tr30_D05
Ground
Bank Sta
Elevation (m)
Station (m)
Aff Begliano Plan: 1) Tr30_D05 2) Tr30_D1
RS = 45 Culv
.08
Legend
WS Max WS - Tr30_D1
WS Max WS - Tr30_D05
Ground
Bank Sta
Elevation (m)
Station (m)


Aff Begliano Plan: 1) Tr30_D05 2) Tr30_D1
RS = 45 Culv
.08
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
Ground
Ineff
Bank Sta
Elevation (m)
Station (m)
Aff Begliano Plan: 1) Tr30_D05 2) Tr30_D1
RS = 40 BEGL-08
Aff Begliano Plan: 1) Tr30_D05 2) Tr30_D1
RS = 39 BEGL-07
Aff Begliano Plan: 1) Tr30_D05 2) Tr30_D1
RS = 35 IS


Aff Begliano Plan: 1) Tr30_D05 2) Tr30_D1
RS = 31 BEGL-06
.08
Legend
WS Max WS - Tr30_D1
WS Max WS - Tr30_D05
Ground
Ineff
Bank Sta
Elevation (m)
Station (m)
Aff Begliano Plan: 1) Tr30_D05 2) Tr30_D1
RS = 30 BEGL-05
.08
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
Ground
Ineff
Bank Sta
Elevation (m)
Station (m)
Aff Begliano Plan: 1) Tr30_D05 2) Tr30_D1
RS = 25 Culv
.08
Legend
WS Max WS - Tr30_D1
WS Max WS - Tr30_D05
Ground
Ineff
Bank Sta
Elevation (m)
Station (m)
Aff Begliano Plan: 1) Tr30_D05 2) Tr30_D1
RS = 25 Culv
.1
.08
.1
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
Ground
Ineff
Bank Sta
Elevation (m)
Station (m)


Aff Begliano Plan: 1) Tr30_D05 2) Tr30_D1
RS = 20 BEGL-04
.1
.08
.1
Legend
WS Max WS - Tr30_D1
WS Max WS - Tr30_D05
Ground
Ineff
Bank Sta
Elevation (m)
Station (m)
Aff Begliano Plan: 1) Tr30_D05 2) Tr30_D1
RS = 10 BEGL-03
.08
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Aff Begliano Plan: 1) Tr30_D05 2) Tr30_D1
RS = 9 Culv
.08
Legend
WS Max WS - Tr30_D1
WS Max WS - Tr30_D05
Ground
Bank Sta
Elevation (m)
Station (m)
Aff Begliano Plan: 1) Tr30_D05 2) Tr30_D1
RS = 9 Culv
.08
Legend
WS Max WS - Tr30_D1
WS Max WS - Tr30_D05
Ground
Bank Sta
Elevation (m)
Station (m)


Aff Begliano Plan: 1) Tr30_D05 2) Tr30_D1
RS = 8 BEGL-02
.08
Legend
WS Max WS - Tr30_D1
WS Max WS - Tr30_D05
Ground
Bank Sta
Elevation (m)
Station (m)
Aff Begliano Plan: 1) Tr30_D05 2) Tr30_D1
RS = 5 BEGL-01
.1
.08
.1
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
Ground
Bank Sta
Elevation (m)
Station (m)

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "AFF BEGLIANO"

AV7188

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 0.5 e 1h

Dati idraulici

HEC-RAS River: AV7188 Reach: AV7188 Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
AV7188	120	Max WS	Tr30_D05	2.40	432.42	432.96		433.11	0.072804	1.73			1.39	3.24	0.84
AV7188	120	Max WS	Tr30_D1	1.30	432.42	432.79		432.91	0.091464	1.50			0.86	3.12	0.91
AV7188	110	Max WS	Tr30_D05	2.39	430.70	431.89		431.95	0.017029	1.10			2.18	2.88	0.40
AV7188	110	Max WS	Tr30_D1	1.30	430.70	431.62		431.66	0.014728	0.89			1.47	2.48	0.37
AV7188	100	Max WS	Tr30_D05	2.39	430.20	430.72	430.96	431.54	0.587808	3.99			0.60	1.85	2.24
AV7188	100	Max WS	Tr30_D1	1.00	430.20	430.71	430.71	430.86	0.119024	1.76			0.57	1.82	1.00
AV7188	92	Max WS	Tr30_D05	2.36	353.94	354.57	354.40	354.65	0.031151	1.29			1.83	3.64	0.58
AV7188	92	Max WS	Tr30_D1	1.64	353.94	354.47	354.31	354.53	0.028674	1.12			1.47	3.48	0.55
AV7188	91.9			Inl Struct											
AV7188	91.8	Max WS	Tr30_D05	1.00	352.70	353.60		353.68	0.011083	1.23			0.81	4.52	0.41
AV7188	91.8	Max WS	Tr30_D1	1.00	352.70	353.60		353.68	0.011083	1.23			0.81	4.52	0.41
AV7188	91.5			Culvert											
AV7188	91	Max WS	Tr30_D05	1.00	350.50	351.00	351.00	351.25	0.078557	2.21			0.45	3.43	1.00
AV7188	91	Max WS	Tr30_D1	1.00	350.50	351.00	351.00	351.25	0.078557	2.21			0.45	3.43	1.00
AV7188	90	Max WS	Tr30_D05	1.37	334.56	334.87	334.89	335.03	0.135793	1.78			0.77	3.00	1.13
AV7188	90	Max WS	Tr30_D1	1.37	334.56	334.87	334.89	335.03	0.135793	1.78			0.77	3.00	1.13
AV7188	80	Max WS	Tr30_D05	1.17	331.72	332.27		332.34	0.035216	1.13			1.03	2.60	0.57
AV7188	80	Max WS	Tr30_D1	1.17	331.72	332.27		332.34	0.035125	1.13			1.04	2.60	0.57
AV7188	70	Max WS	Tr30_D05	1.16	331.34	332.14	331.98	332.26	0.042403	1.54	0.16	0.42	0.81	1.78	0.62
AV7188	70	Max WS	Tr30_D1	1.16	331.34	332.14	331.98	332.26	0.042289	1.54	0.16	0.42	0.81	1.78	0.62
AV7188	69.5			Inl Struct											
AV7188	69	Max WS	Tr30_D05	1.16	329.84	330.71		330.77	0.009720	1.12			1.04	1.22	0.38
AV7188	69	Max WS	Tr30_D1	1.16	329.84	330.71		330.77	0.009715	1.12			1.04	1.22	0.38
AV7188	68	Max WS	Tr30_D05	1.16	329.84	330.70		330.77	0.009748	1.12			1.04	1.22	0.38
AV7188	68	Max WS	Tr30_D1	1.16	329.84	330.70		330.77	0.009755	1.12			1.04	1.22	0.38
AV7188	65			Culvert											
AV7188	60	Max WS	Tr30_D05	1.16	325.75	326.35		326.48	0.082894	1.61			0.72	1.20	0.66
AV7188	60	Max WS	Tr30_D1	1.16	325.75	326.35		326.48	0.082721	1.61			0.72	1.20	0.66
AV7188	50	Max WS	Tr30_D05	1.16	325.50	326.36		326.43	0.032166	1.12			1.03	1.20	0.39
AV7188	50	Max WS	Tr30_D1	1.16	325.50	326.36		326.43	0.032158	1.12			1.03	1.20	0.39
AV7188	45			Culvert											
AV7188	40	Max WS	Tr30_D05	1.16	317.51	318.19		318.29	0.021683	1.42			0.81	1.68	0.55
AV7188	40	Max WS	Tr30_D1	1.16	317.51	318.19		318.29	0.021728	1.42			0.81	1.68	0.55
AV7188	39	Max WS	Tr30_D05	1.16	317.51	318.19	317.96	318.29	0.022030	1.43			0.81	1.68	0.55
AV7188	39	Max WS	Tr30_D1	1.16	317.51	318.19	317.96	318.29	0.022045	1.43			0.81	1.68	0.56
AV7188	35			Inl Struct											
AV7188	31	Max WS	Tr30_D05	1.16	316.46	317.32		317.39	0.009776	1.12			1.03	1.68	0.39
AV7188	31	Max WS	Tr30_D1	1.16	316.46	317.32		317.39	0.009771	1.12			1.04	1.68	0.38
AV7188	30	Max WS	Tr30_D05	1.16	316.46	317.32		317.39	0.009804	1.12			1.03	1.68	0.39
AV7188	30	Max WS	Tr30_D1	1.16	316.46	317.32		317.39	0.009810	1.12			1.03	1.68	0.39
AV7188	25			Culvert											
AV7188	20	Max WS	Tr30_D05	1.15	306.69	307.38		307.54	0.065423	1.79			0.64	2.55	0.77
AV7188	20	Max WS	Tr30_D1	1.15	306.69	307.38		307.54	0.065529	1.79			0.64	2.56	0.77
AV7188	10	Max WS	Tr30_D05	1.14	306.39	307.30		307.33	0.014990	0.87			1.31	2.42	0.38
AV7188	10	Max WS	Tr30_D1	1.14	306.39	307.30		307.33	0.015113	0.87			1.31	2.42	0.38
AV7188	9			Culvert											
AV7188	8	Max WS	Tr30_D05	1.14	306.39	307.12		307.20	0.042185	1.26			0.90	2.16	0.62
AV7188	8	Max WS	Tr30_D1	1.14	306.39	307.12		307.20	0.041190	1.25			0.91	2.16	0.61
AV7188	5	Max WS	Tr30_D05	1.00	304.33	306.40	304.65	306.40	0.000011	0.06	0.03	0.03	19.37	11.28	0.01
AV7188	5	Max WS	Tr30_D1	1.00	304.33	305.27	304.65	305.27	0.000310	0.17	0.09	0.07	6.62	11.28	0.07

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "AFF A RASSINA"

AFF A RASSINA

MODELLAZIONE PER TR=30 e 200 ANNI

DURATA DI PIOGGIA: 0.5 e 1h

Profilo longitudinale

Sezioni Trasversali

Dati idraulici

ALLEGATI

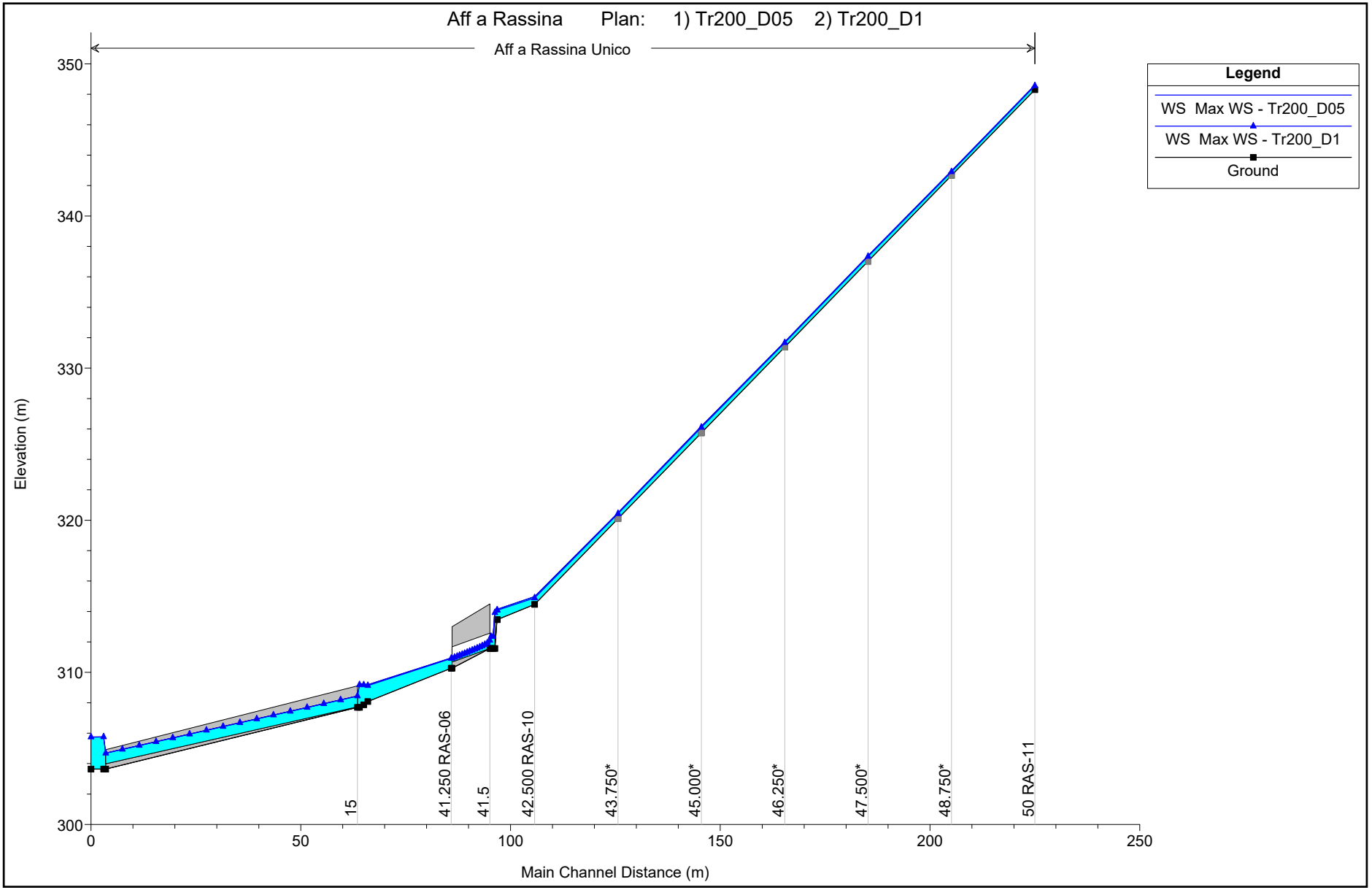
MODELLAZIONE HEC-RAS 5.0.7 "AFF A RASSINA"

AFF A RASSINA

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 0.5 e 1h

Profilo longitudinale


Aff a Rassina Plan: 1) Tr200_D05 2) Tr200_D1
Aff a Rassina Unico
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
Ground
Elevation (m)
Main Channel Distance (m)
350
340
330
320
310
300
0
50
100
150
200
250
15
41.250 RAS-06
41.5
42.500 RAS-10
43.750*
45.000*
46.250*
47.500*
48.750*
50 RAS-11

ALLEGATI

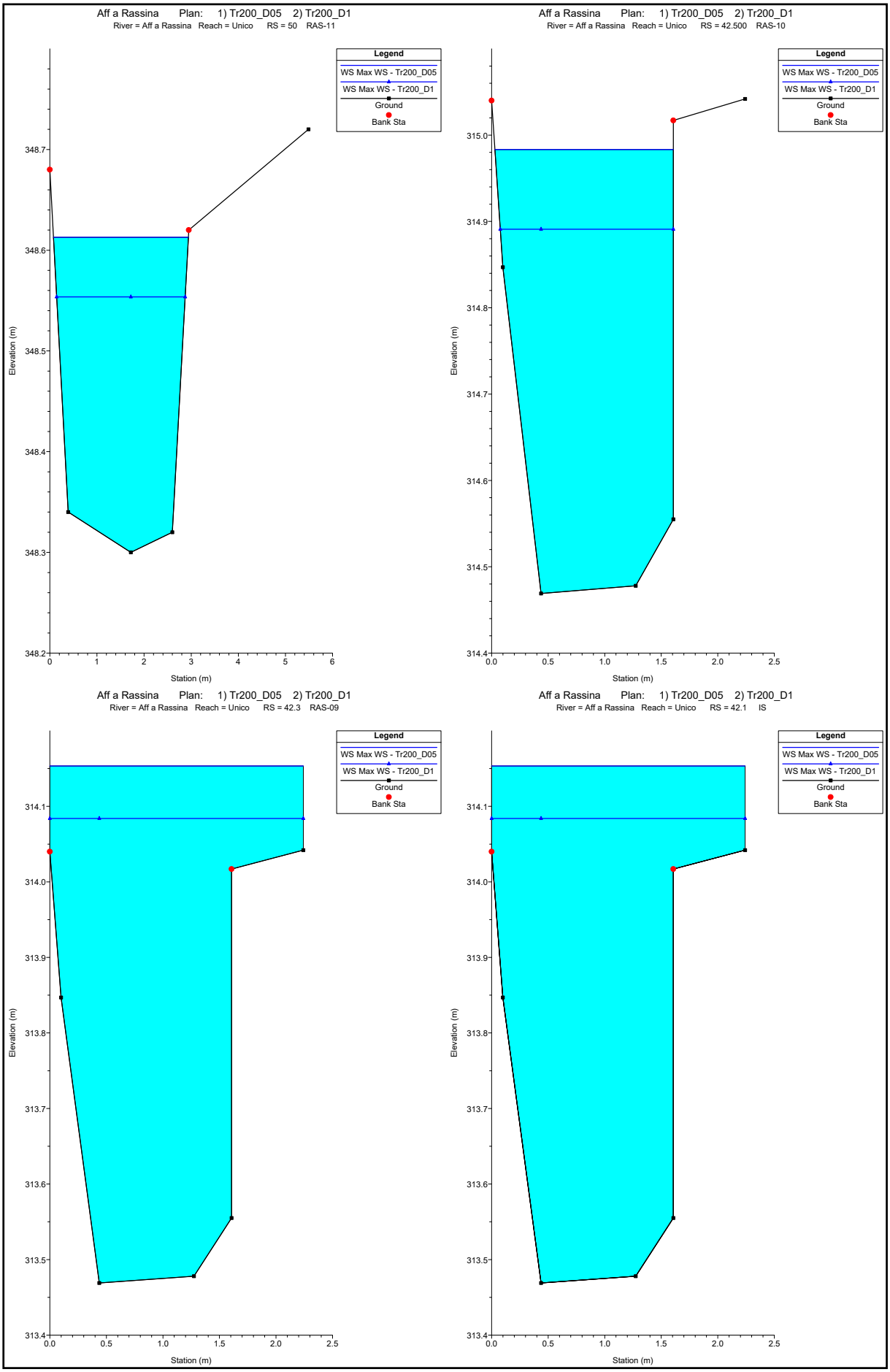
MODELLAZIONE HEC-RAS 5.0.7 "AFF A RASSINA"

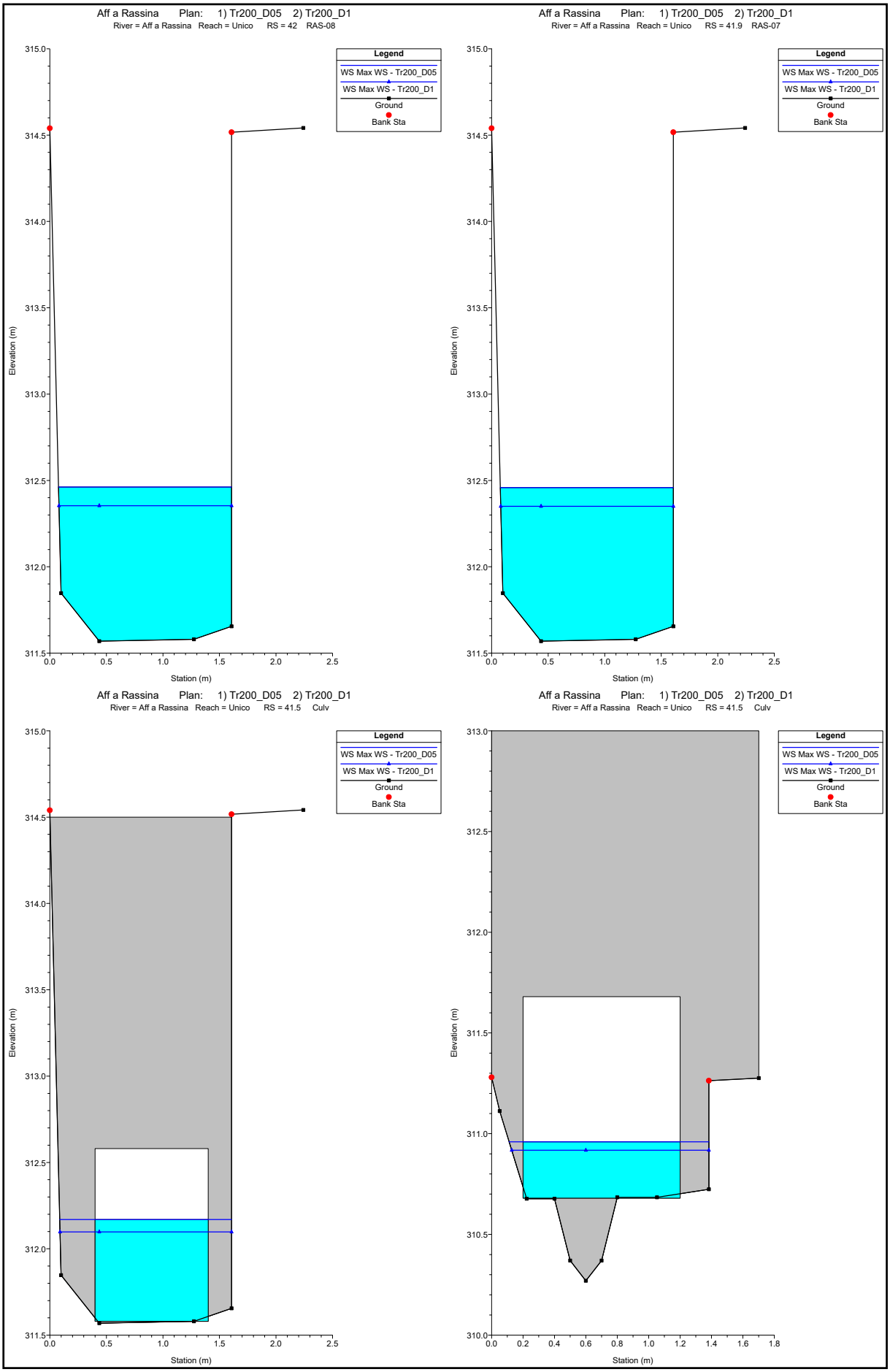
AFF A RASSINA

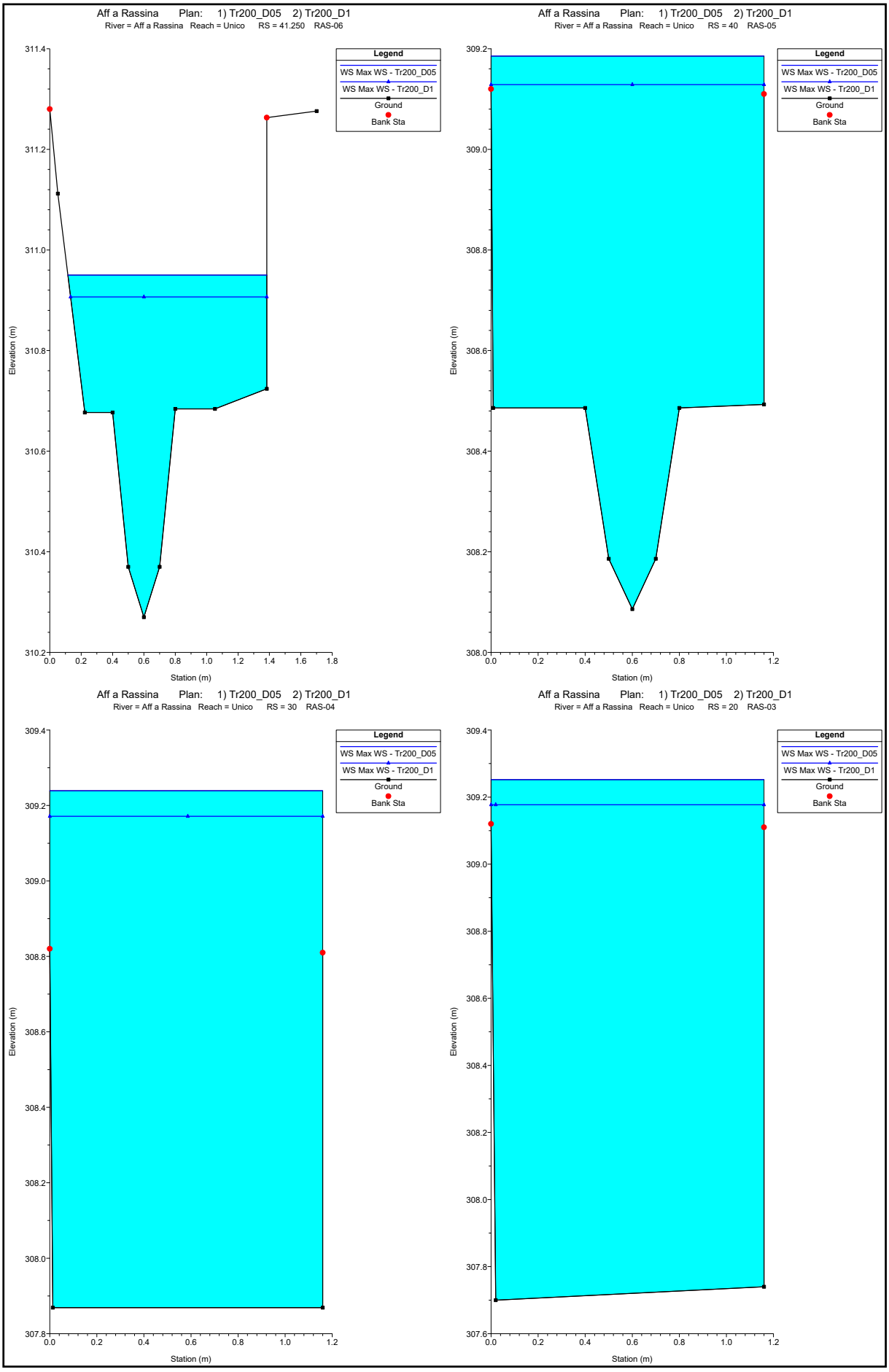
MODELLAZIONE PER TR= 200 anni

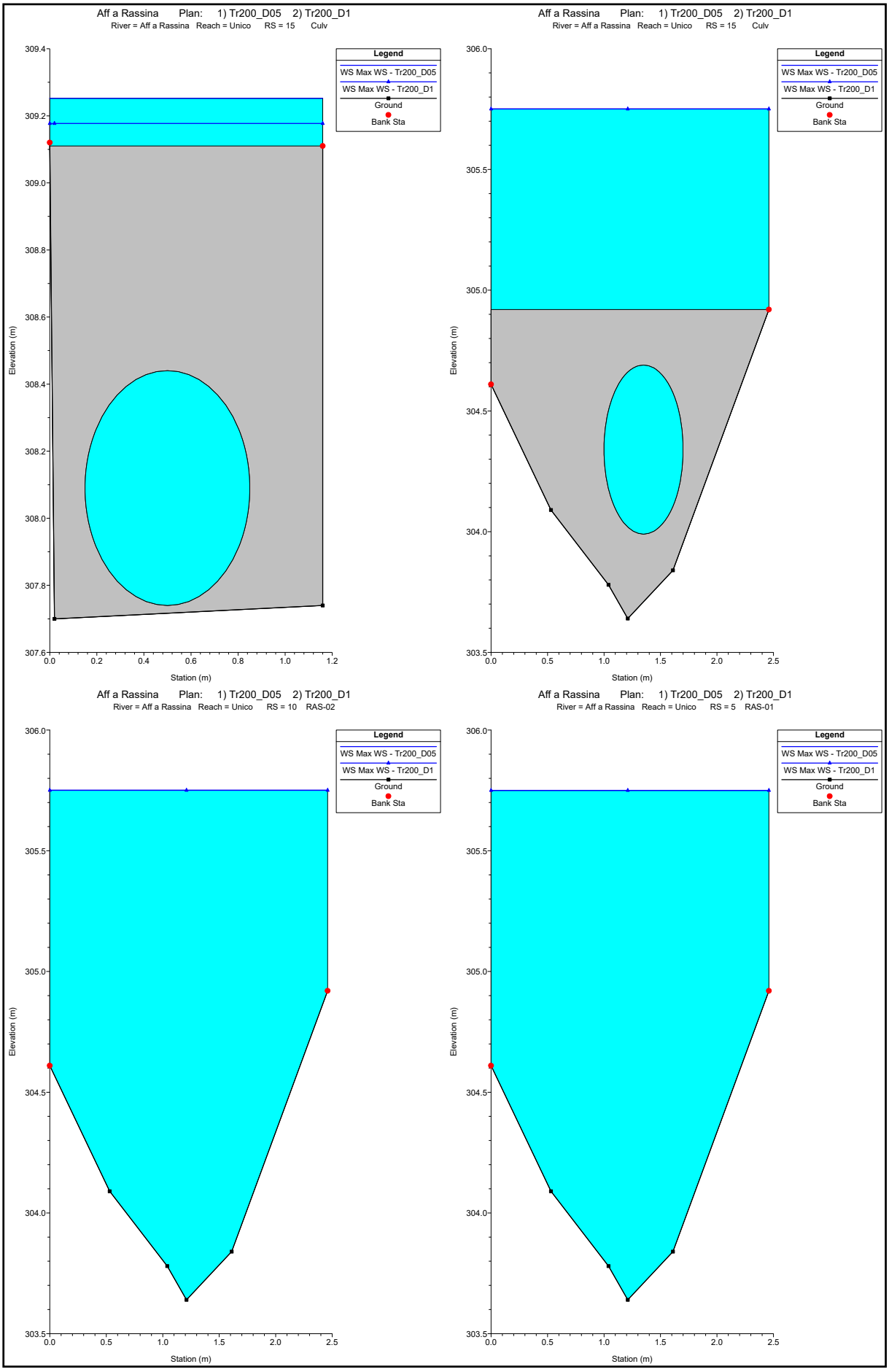
DURATE DI PIOGGIA: 0.5 e 1h

Sezioni Trasversali (da monte verso valle)


Aff a Rassina Plan: 1) Tr200_D05 2) Tr200_D1
River = Aff a Rassina Reach = Unico RS = 50 RAS-11
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Aff a Rassina Plan: 1) Tr200_D05 2) Tr200_D1
River = Aff a Rassina Reach = Unico RS = 42.500 RAS-10
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Aff a Rassina Plan: 1) Tr200_D05 2) Tr200_D1
River = Aff a Rassina Reach = Unico RS = 42.3 RAS-09
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Aff a Rassina Plan: 1) Tr200_D05 2) Tr200_D1
River = Aff a Rassina Reach = Unico RS = 42.1 IS
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
Ground
Bank Sta
Elevation (m)
Station (m)


Aff a Rassina Plan: 1) Tr200_D05 2) Tr200_D1
River = Aff a Rassina Reach = Unico RS = 42 RAS-08
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Aff a Rassina Plan: 1) Tr200_D05 2) Tr200_D1
River = Aff a Rassina Reach = Unico RS = 41.9 RAS-07
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Aff a Rassina Plan: 1) Tr200_D05 2) Tr200_D1
River = Aff a Rassina Reach = Unico RS = 41.5 Culv
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Aff a Rassina Plan: 1) Tr200_D05 2) Tr200_D1
River = Aff a Rassina Reach = Unico RS = 41.5 Culv
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
Ground
Bank Sta
Elevation (m)
Station (m)


Aff a Rassina Plan: 1) Tr200_D05 2) Tr200_D1
River = Aff a Rassina Reach = Unico RS = 41.250 RAS-06
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Aff a Rassina Plan: 1) Tr200_D05 2) Tr200_D1
River = Aff a Rassina Reach = Unico RS = 40 RAS-05
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Aff a Rassina Plan: 1) Tr200_D05 2) Tr200_D1
River = Aff a Rassina Reach = Unico RS = 30 RAS-04
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Aff a Rassina Plan: 1) Tr200_D05 2) Tr200_D1
River = Aff a Rassina Reach = Unico RS = 20 RAS-03
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
Ground
Bank Sta
Elevation (m)
Station (m)


Aff a Rassina Plan: 1) Tr200_D05 2) Tr200_D1
River = Aff a Rassina Reach = Unico RS = 15 Culv
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Aff a Rassina Plan: 1) Tr200_D05 2) Tr200_D1
River = Aff a Rassina Reach = Unico RS = 15 Culv
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Aff a Rassina Plan: 1) Tr200_D05 2) Tr200_D1
River = Aff a Rassina Reach = Unico RS = 10 RAS-02
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Aff a Rassina Plan: 1) Tr200_D05 2) Tr200_D1
River = Aff a Rassina Reach = Unico RS = 5 RAS-01
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
Ground
Bank Sta
Elevation (m)
Station (m)

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "AFF A RASSINA"

AFF A RASSINA

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 0.5 e 1h

Dati idraulici

HEC-RAS River: Aff a Rassina Reach: Unico Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Unico	50	Max WS	Tr200_D05	3.40	348.30	348.61	348.87	349.66	0.217245	4.54			0.75	2.86	2.84
Unico	50	Max WS	Tr200_D1	2.40	348.30	348.55	348.79	349.42	0.229518	4.12			0.58	2.73	2.84
Unico	49.5			Lat Struct											
Unico	49			Lat Struct											
Unico	42.500	Max WS	Tr200_D05	3.39	314.47	314.98	315.32	316.19	0.182587	4.87			0.70	1.58	2.34
Unico	42.500	Max WS	Tr200_D1	2.40	314.47	314.89	315.18	315.85	0.174861	4.34			0.55	1.53	2.30
Unico	42.3	Max WS	Tr200_D05	1.42	313.47	314.15	313.97	314.26	0.011429	1.43		0.40	1.05	2.24	0.59
Unico	42.3	Max WS	Tr200_D1	1.17	313.47	314.08	313.92	314.18	0.011579	1.35		0.25	0.89	2.24	0.59
Unico	42.1			Inl Struct											
Unico	42	Max WS	Tr200_D05	1.42	311.57	312.46		312.52	0.006122	1.10			1.29	1.53	0.38
Unico	42	Max WS	Tr200_D1	1.17	311.57	312.35		312.41	0.005965	1.04			1.12	1.53	0.39
Unico	41.9	Max WS	Tr200_D05	1.42	311.57	312.46		312.52	0.006190	1.11			1.28	1.53	0.39
Unico	41.9	Max WS	Tr200_D1	1.17	311.57	312.35		312.41	0.006037	1.05			1.11	1.53	0.39
Unico	41.5			Culvert											
Unico	41.250	Max WS	Tr200_D05	1.42	310.27	310.95	311.12	311.52	0.163956	3.35			0.42	1.27	1.85
Unico	41.250	Max WS	Tr200_D1	1.17	310.27	310.91	311.06	311.42	0.166916	3.17			0.37	1.25	1.87
Unico	40	Max WS	Tr200_D05	1.40	308.09	309.19		309.31	0.019146	1.54			0.91	1.16	0.56
Unico	40	Max WS	Tr200_D1	1.17	308.09	309.13		309.23	0.016338	1.39			0.84	1.16	0.52
Unico	30	Max WS	Tr200_D05	1.33	307.87	309.24		309.28	0.003732	0.84			1.58	1.16	0.23
Unico	30	Max WS	Tr200_D1	1.15	307.87	309.17		309.20	0.003170	0.77			1.50	1.16	0.21
Unico	20	Max WS	Tr200_D05	1.22	307.70	309.25		309.28	0.002458	0.69			1.76	1.16	0.18
Unico	20	Max WS	Tr200_D1	1.12	307.70	309.18		309.20	0.002317	0.67			1.68	1.16	0.18
Unico	15			Culvert											
Unico	10	Max WS	Tr200_D05	1.22	303.64	305.75		305.76	0.000223	0.31			3.98	2.46	0.08
Unico	10	Max WS	Tr200_D1	1.11	303.64	305.75		305.75	0.000184	0.28			3.98	2.46	0.07
Unico	5	Max WS	Tr200_D05	0.69	303.64	305.75	304.16	305.75	0.000072	0.17			3.98	2.46	0.04
Unico	5	Max WS	Tr200_D1	0.69	303.64	305.75	304.16	305.75	0.000072	0.17			3.98	2.46	0.04

ALLEGATI

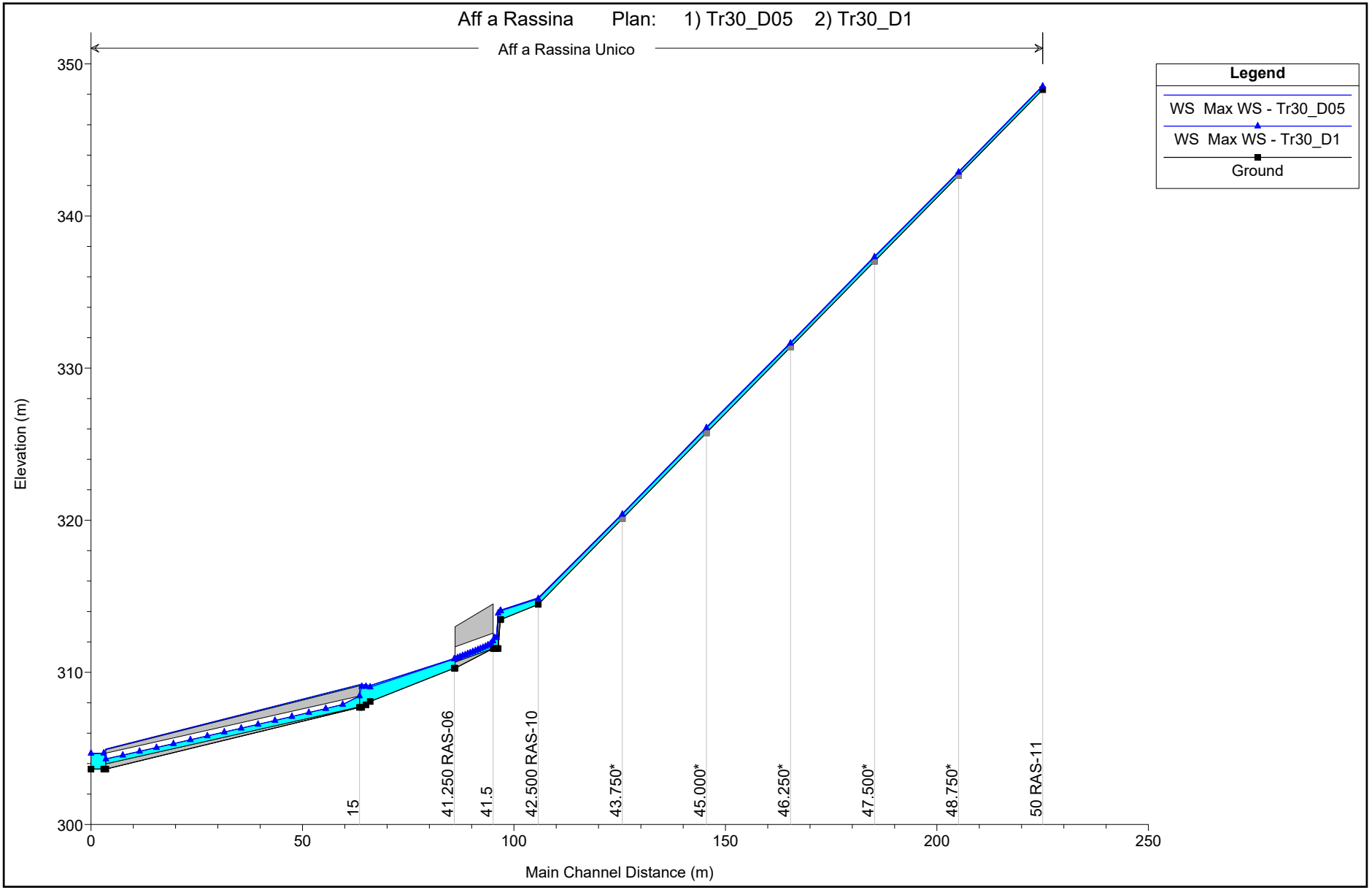
MODELLAZIONE HEC-RAS 5.0.7 "AFF A RASSINA"

AFF A RASSINA

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 0.5 e 1h

Profilo longitudinale


Aff a Rassina Plan: 1) Tr30_D05 2) Tr30_D1
Aff a Rassina Unico
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
Ground
Elevation (m)
Main Channel Distance (m)
350
340
330
320
310
300
0
50
100
150
200
250
15
41.250 RAS-06
41.5
42.500 RAS-10
43.750*
45.000*
46.250*
47.500*
48.750*
50 RAS-11

ALLEGATI

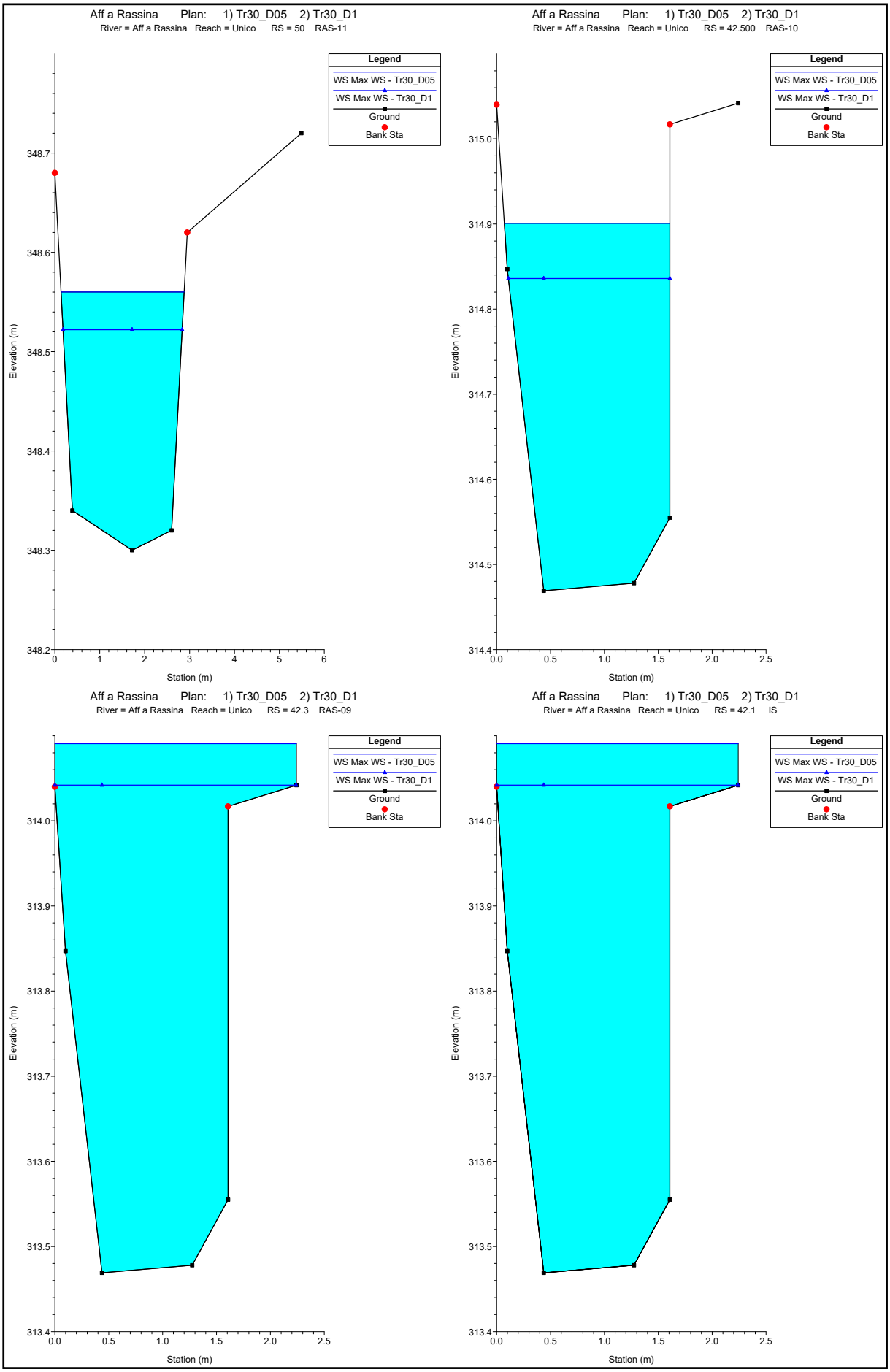
MODELLAZIONE HEC-RAS 5.0.7 "AFF A RASSINA"

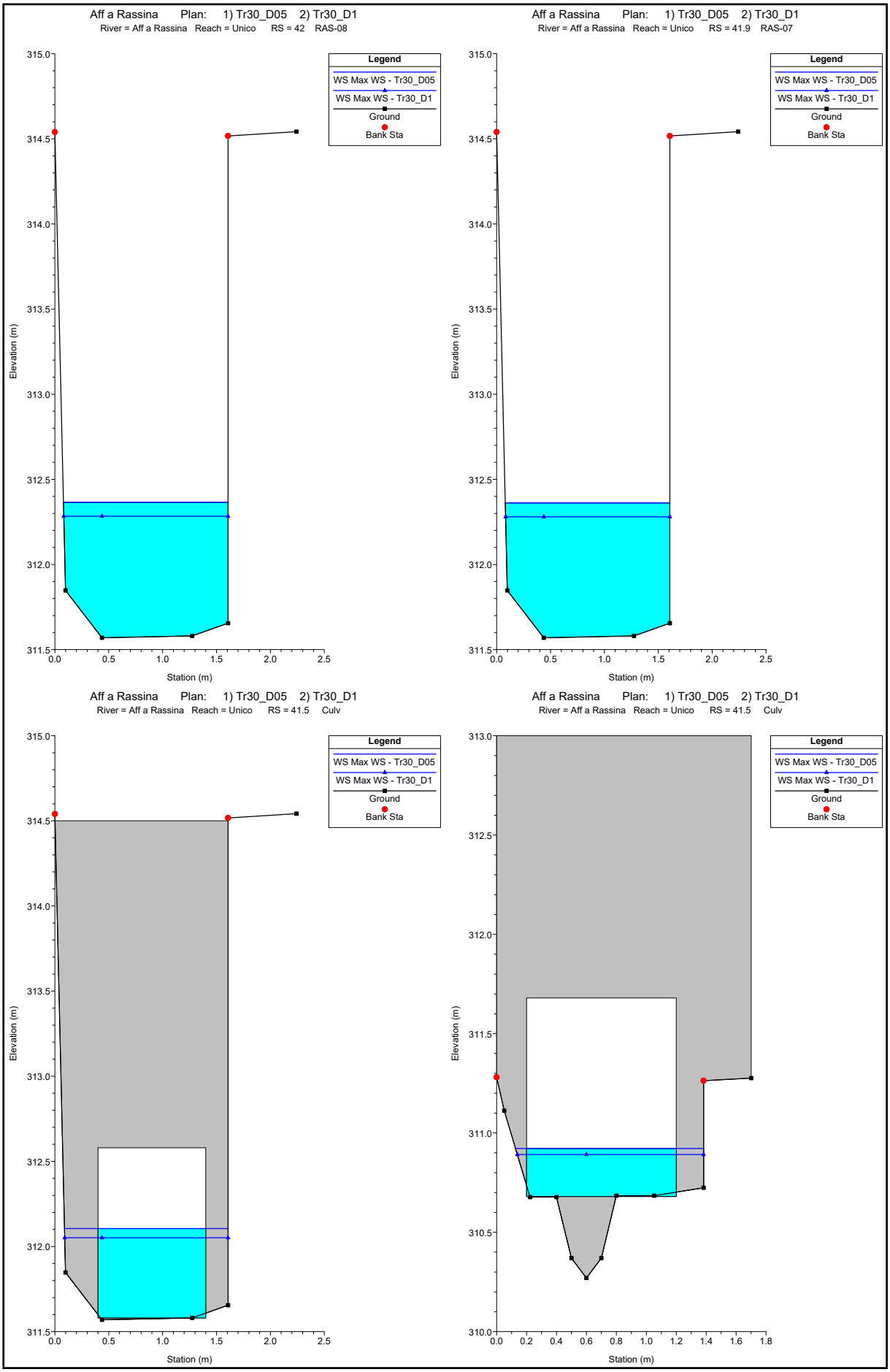
AFF A RASSINA

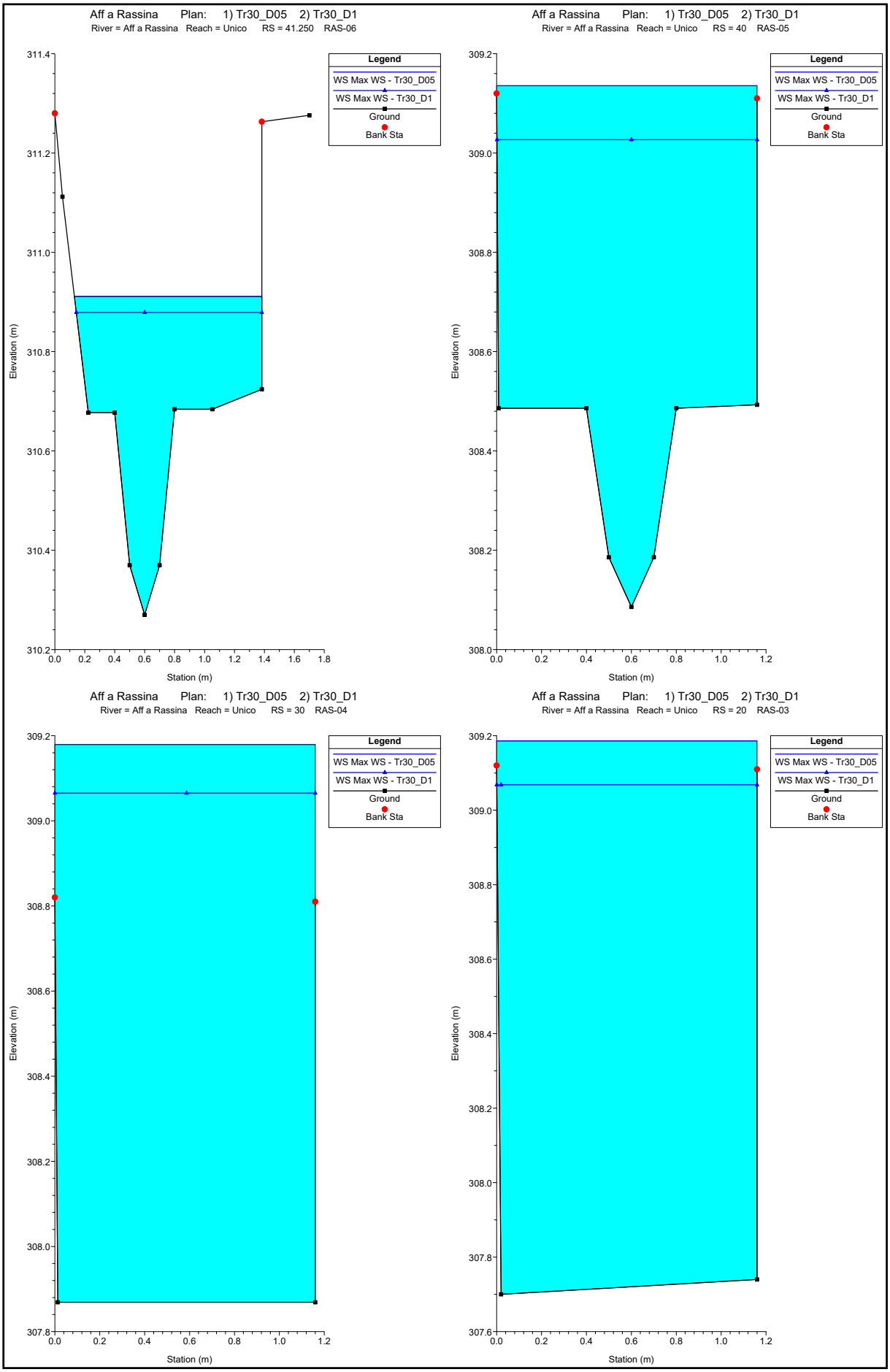
MODELLAZIONE PER TR= 30 anni

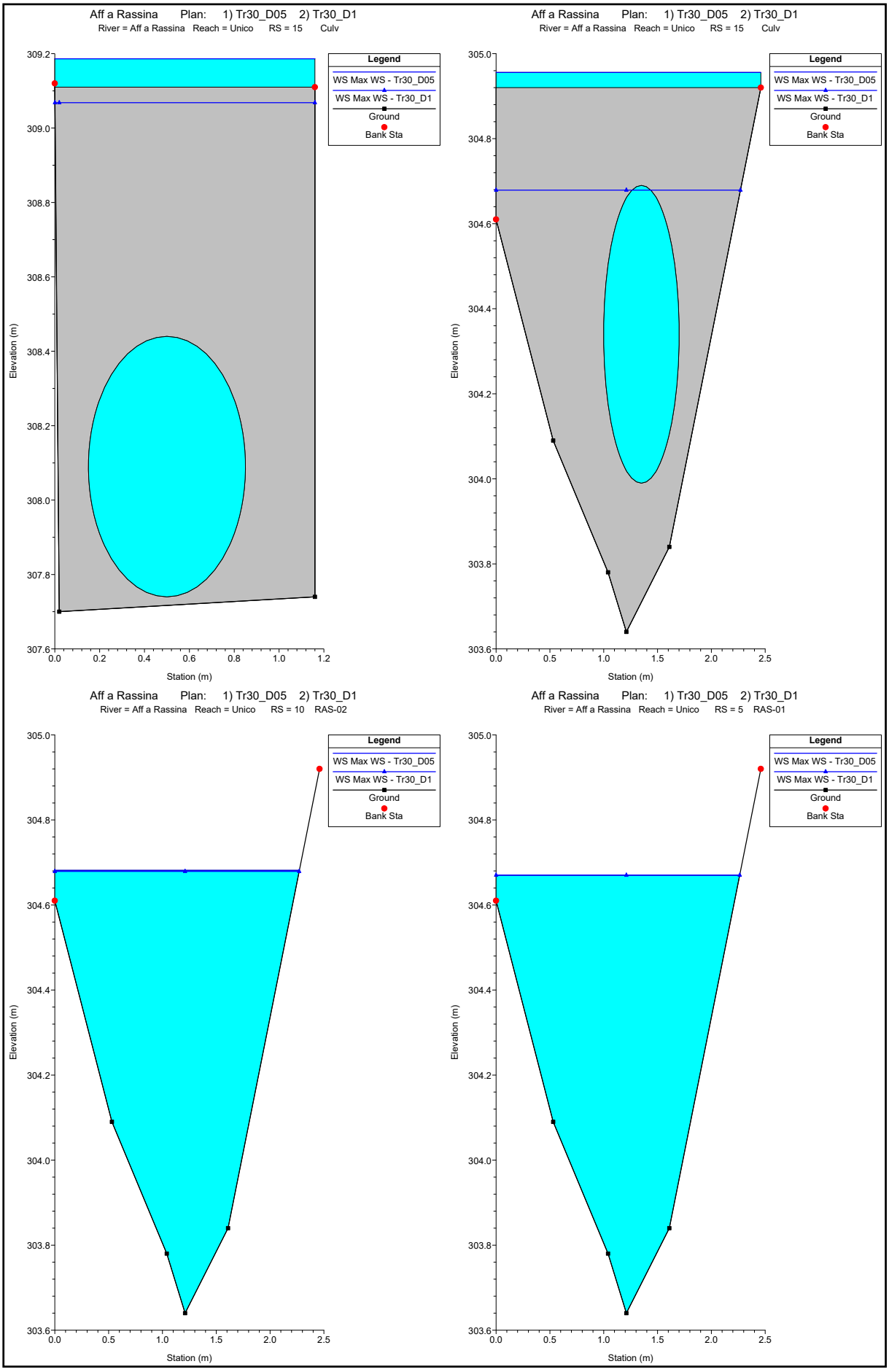
DURATE DI PIOGGIA: 0.5 e 1h

Sezioni Trasversali (da monte verso valle)


Aff a Rassina Plan: 1) Tr30_D05 2) Tr30_D1
River = Aff a Rassina Reach = Unico RS = 50 RAS-11
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Aff a Rassina Plan: 1) Tr30_D05 2) Tr30_D1
River = Aff a Rassina Reach = Unico RS = 42.500 RAS-10
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Aff a Rassina Plan: 1) Tr30_D05 2) Tr30_D1
River = Aff a Rassina Reach = Unico RS = 42.3 RAS-09
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Aff a Rassina Plan: 1) Tr30_D05 2) Tr30_D1
River = Aff a Rassina Reach = Unico RS = 42.1 IS
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
Ground
Bank Sta
Elevation (m)
Station (m)


Aff a Rassina Plan: 1) Tr30_D05 2) Tr30_D1
River = Aff a Rassina Reach = Unico RS = 42 RAS-08
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Aff a Rassina Plan: 1) Tr30_D05 2) Tr30_D1
River = Aff a Rassina Reach = Unico RS = 41.9 RAS-07
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Aff a Rassina Plan: 1) Tr30_D05 2) Tr30_D1
River = Aff a Rassina Reach = Unico RS = 41.5 Culv
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Aff a Rassina Plan: 1) Tr30_D05 2) Tr30_D1
River = Aff a Rassina Reach = Unico RS = 41.5 Culv
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
Ground
Bank Sta
Elevation (m)
Station (m)


Aff a Rassina Plan: 1) Tr30_D05 2) Tr30_D1
River = Aff a Rassina Reach = Unico RS = 41.250 RAS-06
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Aff a Rassina Plan: 1) Tr30_D05 2) Tr30_D1
River = Aff a Rassina Reach = Unico RS = 40 RAS-05
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Aff a Rassina Plan: 1) Tr30_D05 2) Tr30_D1
River = Aff a Rassina Reach = Unico RS = 30 RAS-04
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Aff a Rassina Plan: 1) Tr30_D05 2) Tr30_D1
River = Aff a Rassina Reach = Unico RS = 20 RAS-03
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
Ground
Bank Sta
Elevation (m)
Station (m)


Aff a Rassina Plan: 1) Tr30_D05 2) Tr30_D1
River = Aff a Rassina Reach = Unico RS = 15 Culv
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Aff a Rassina Plan: 1) Tr30_D05 2) Tr30_D1
River = Aff a Rassina Reach = Unico RS = 15 Culv
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Aff a Rassina Plan: 1) Tr30_D05 2) Tr30_D1
River = Aff a Rassina Reach = Unico RS = 10 RAS-02
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Aff a Rassina Plan: 1) Tr30_D05 2) Tr30_D1
River = Aff a Rassina Reach = Unico RS = 5 RAS-01
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
Ground
Bank Sta
Elevation (m)
Station (m)

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "AFF A RASSINA"

AFF A RASSINA

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 0.5 e 1h

Dati idraulici

HEC-RAS River: Aff a Rassina Reach: Unico Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Unico	50	Max WS	Tr30_D05	2.50	348.30	348.56	348.80	349.44	0.227700	4.16			0.60	2.74	2.84
Unico	50	Max WS	Tr30_D1	1.90	348.30	348.52	348.73	349.26	0.232802	3.82			0.50	2.65	2.81
Unico	49.5			Lat Struct											
Unico	49			Lat Struct											
Unico	42.500	Max WS	Tr30_D05	2.49	314.47	314.90	315.20	315.88	0.174768	4.38			0.57	1.54	2.30
Unico	42.500	Max WS	Tr30_D1	1.90	314.47	314.84	315.09	315.67	0.174616	4.04			0.47	1.50	2.30
Unico	42.3	Max WS	Tr30_D05	1.19	313.47	314.09	313.92	314.18	0.011605	1.36		0.26	0.91	2.24	0.59
Unico	42.3	Max WS	Tr30_D1	1.01	313.47	314.04	313.88	314.13	0.011350	1.28		0.09	0.80	2.23	0.58
Unico	42.1			Inl Struct											
Unico	42	Max WS	Tr30_D05	1.19	311.57	312.36		312.42	0.005985	1.05			1.14	1.53	0.39
Unico	42	Max WS	Tr30_D1	1.01	311.57	312.28		312.33	0.005866	1.00			1.01	1.52	0.39
Unico	41.9	Max WS	Tr30_D05	1.19	311.57	312.36		312.42	0.006055	1.05			1.13	1.53	0.39
Unico	41.9	Max WS	Tr30_D1	1.01	311.57	312.28		312.33	0.005953	1.01			1.01	1.52	0.40
Unico	41.5			Culvert											
Unico	41.250	Max WS	Tr30_D05	1.19	310.27	310.91	311.06	311.43	0.166588	3.19			0.37	1.25	1.87
Unico	41.250	Max WS	Tr30_D1	1.01	310.27	310.88	311.02	311.35	0.168348	3.04			0.33	1.24	1.87
Unico	40	Max WS	Tr30_D05	1.19	308.09	309.14		309.24	0.016600	1.40			0.85	1.16	0.52
Unico	40	Max WS	Tr30_D1	1.01	308.09	309.03		309.13	0.018511	1.40			0.72	1.16	0.57
Unico	30	Max WS	Tr30_D05	1.17	307.87	309.18		309.21	0.003227	0.77			1.51	1.16	0.22
Unico	30	Max WS	Tr30_D1	1.01	307.87	309.07		309.09	0.003012	0.73			1.38	1.16	0.21
Unico	20	Max WS	Tr30_D05	1.13	307.70	309.19		309.21	0.002333	0.67			1.69	1.16	0.18
Unico	20	Max WS	Tr30_D1	1.01	307.70	309.07		309.09	0.002284	0.65			1.55	1.16	0.18
Unico	15			Culvert											
Unico	10	Max WS	Tr30_D05	1.13	303.64	304.68		304.72	0.003249	0.82			1.38	2.27	0.34
Unico	10	Max WS	Tr30_D1	1.01	303.64	304.68		304.71	0.002631	0.74			1.37	2.27	0.30
Unico	5	Max WS	Tr30_D05	0.69	303.64	304.67	304.16	304.68	0.001287	0.51			1.35	2.26	0.21
Unico	5	Max WS	Tr30_D1	0.69	303.64	304.67	304.16	304.68	0.001287	0.51			1.35	2.26	0.21

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "SALUTIO"

AFF A SALUTIO

MODELLAZIONE PER TR=30 e 200 ANNI

DURATA DI PIOGGIA: 0.5, 1 e 2h

Profilo longitudinale

Sezioni Trasversali

Dati idraulici

ALLEGATI

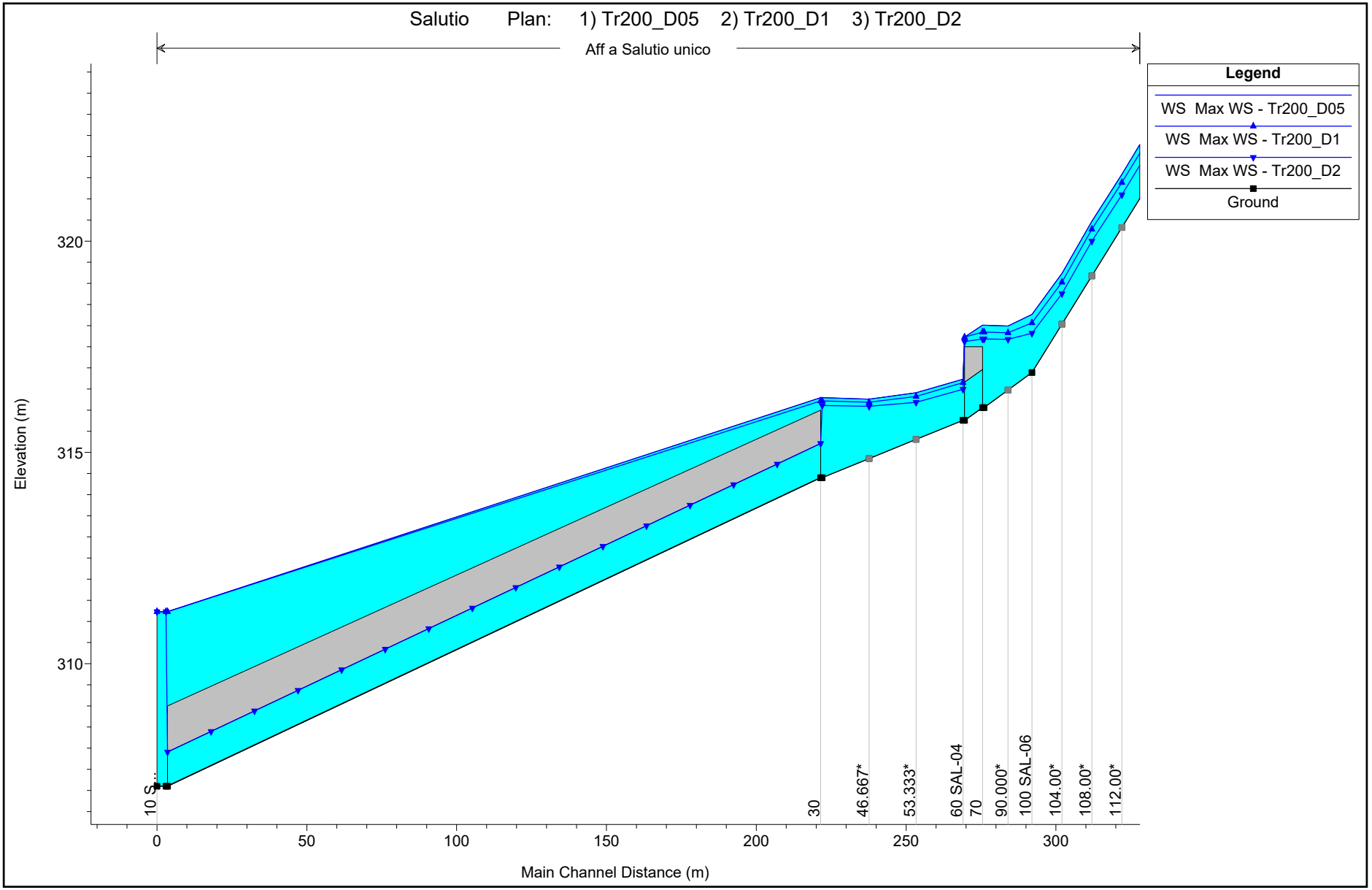
MODELLAZIONE HEC-RAS 5.0.7 "SALUTIO"

AFF A SALUTIO

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 0.5, 1 e 2h

Profilo longitudinale


Salutio Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
Aff a Salutio unico
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
WS Max WS - Tr200_D2
Ground
Elevation (m)
320
315
310
0
50
100
150
200
250
300
Main Channel Distance (m)
10 S...
30
46.667*
53.333*
60 SAL-04
70
90.000*
100 SAL-06
104.00*
108.00*
112.00*

ALLEGATI

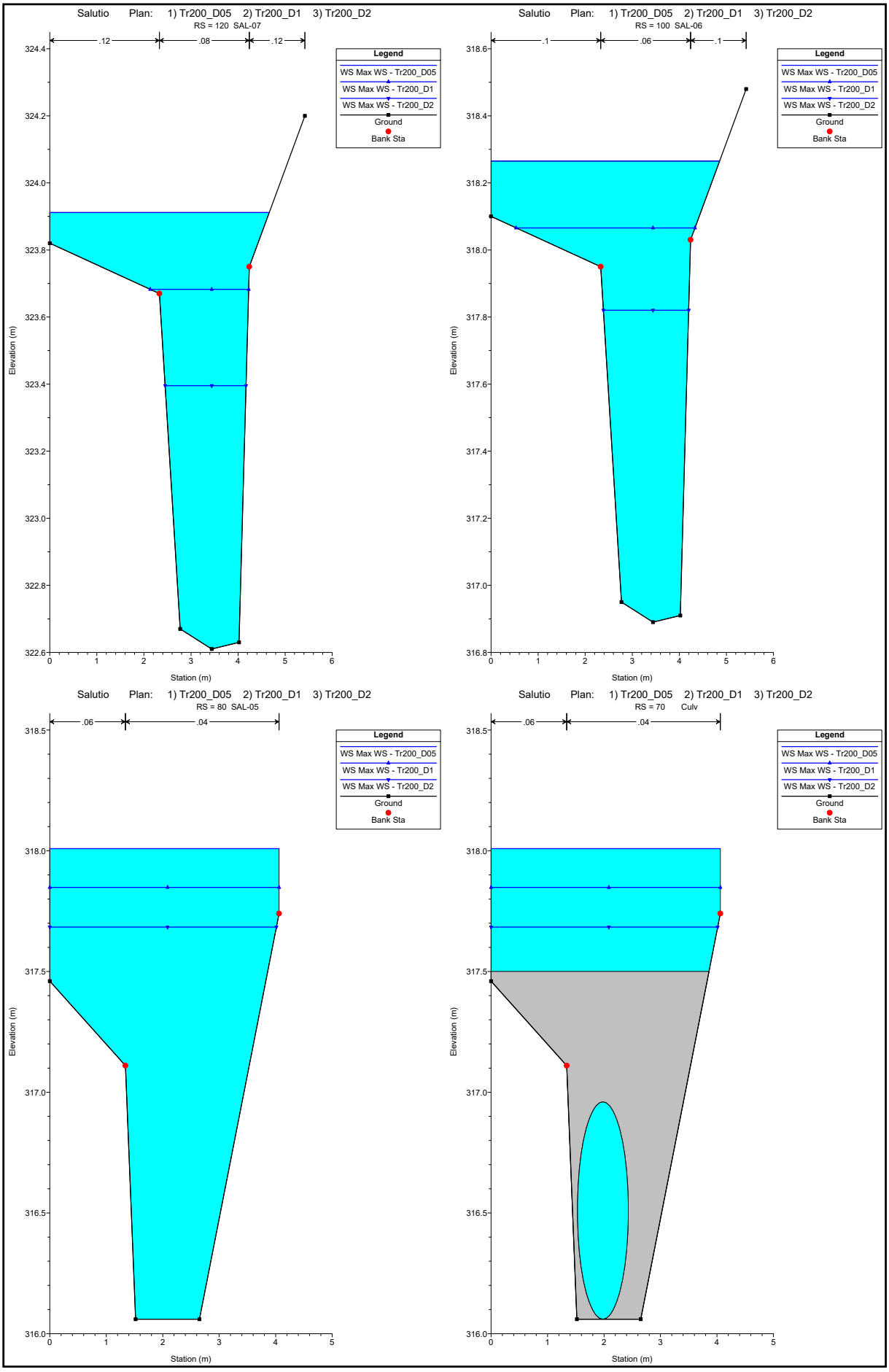
MODELLAZIONE HEC-RAS 5.0.7 "SALUTIO"

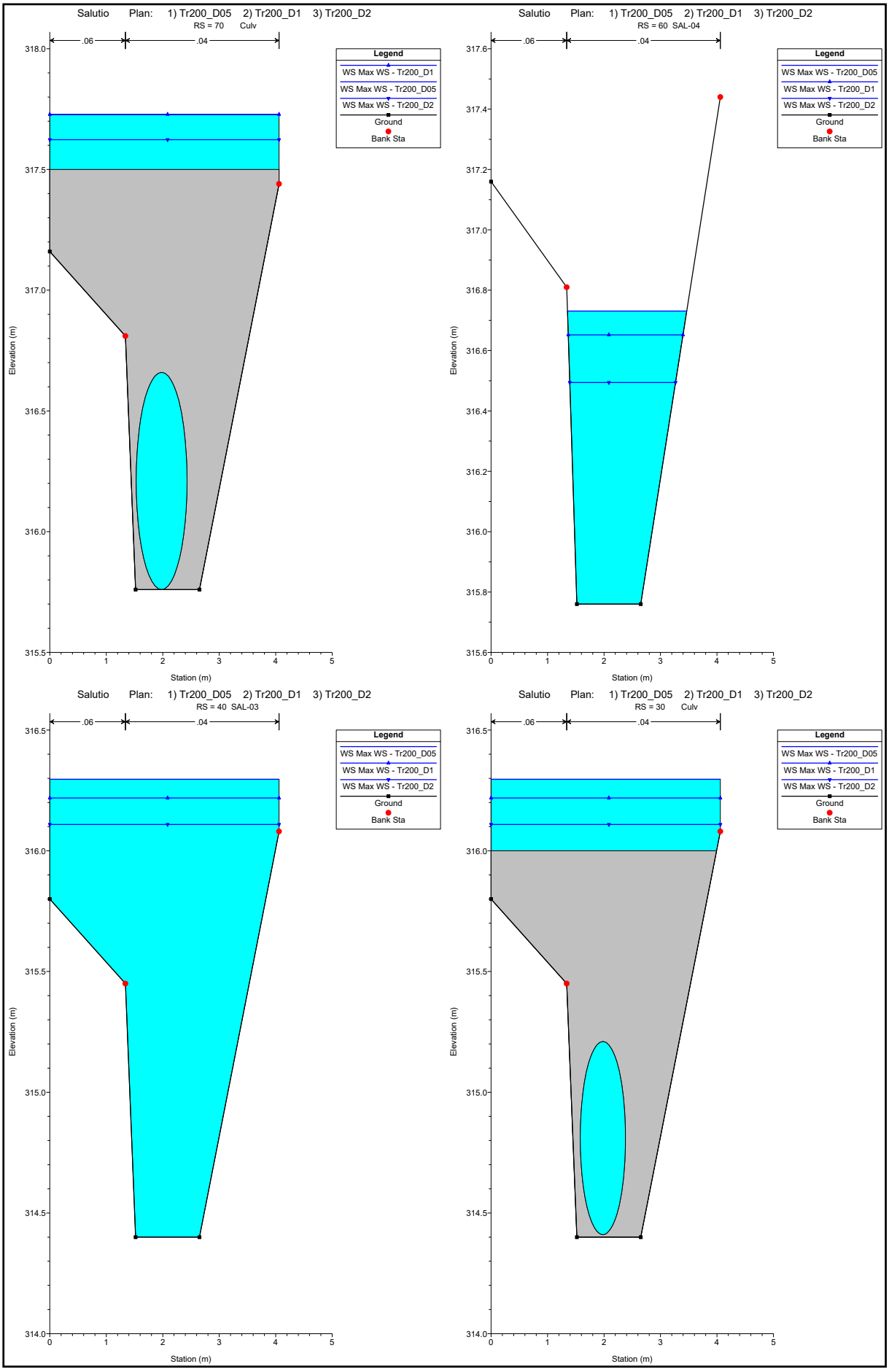
AFF A SALUTIO

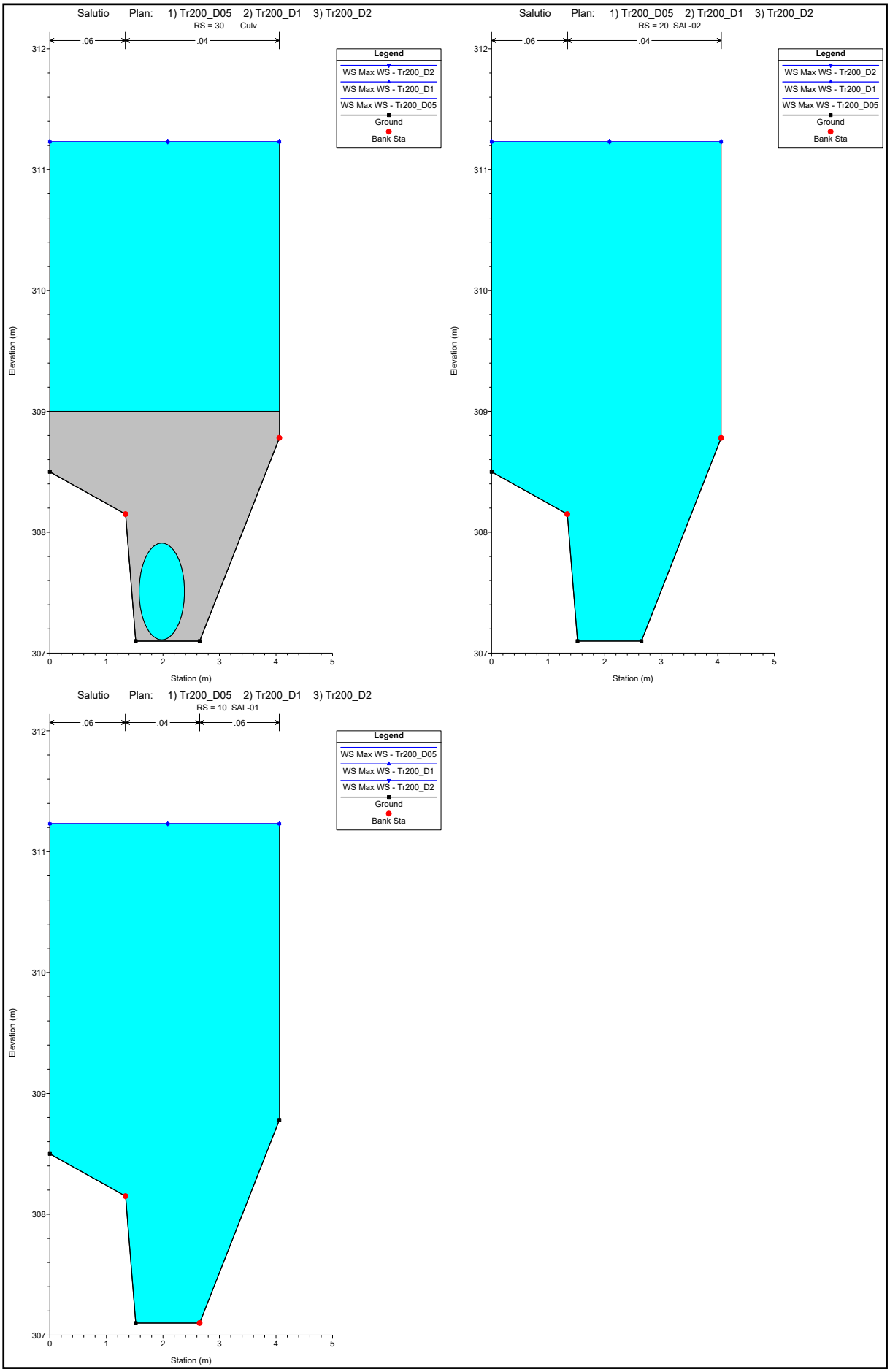
MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 0.5, 1 e 2h

Sezioni Trasversali (da monte verso valle)


Salutio Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
RS = 120 SAL-07
.12
.08
.12
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Salutio Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
RS = 100 SAL-06
.1
.06
.1
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Salutio Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
RS = 80 SAL-05
.06
.04
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Salutio Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
RS = 70 Culv
.06
.04
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Salutio Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
RS = 70 Culv
.06
.04
Legend
WS Max WS - Tr200_D1
WS Max WS - Tr200_D05
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Salutio Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
RS = 60 SAL-04
.06
.04
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Salutio Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
RS = 40 SAL-03
.06
.04
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Salutio Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
RS = 30 Culv
.06
.04
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Salutio Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
RS = 30 Culv
.06
.04
Legend
WS Max WS - Tr200_D2
WS Max WS - Tr200_D1
WS Max WS - Tr200_D05
Ground
Bank Sta
Elevation (m)
Station (m)
Salutio Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
RS = 20 SAL-02
.06
.04
Legend
WS Max WS - Tr200_D2
WS Max WS - Tr200_D1
WS Max WS - Tr200_D05
Ground
Bank Sta
Elevation (m)
Station (m)
Salutio Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
RS = 10 SAL-01
.06
.04
.06
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "SALUTIO"

AFF A SALUTIO

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 0.5, 1 e 2h

Dati idraulici

HEC-RAS River: Aff a Salutio Reach: unico Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
unico	120	Max WS	Tr200_D05	6.70	322.61	323.91	324.01	324.36	0.117856	3.05	0.84	0.51	2.51	4.66	0.93
unico	120	Max WS	Tr200_D1	4.30	322.61	323.68		324.03	0.114952	2.61	0.10		1.65	2.09	0.89
unico	120	Max WS	Tr200_D2	2.60	322.61	323.40		323.67	0.115365	2.30			1.13	1.72	0.91
unico	119			Lat Struct											
unico	118			Lat Struct											
unico	100	Max WS	Tr200_D05	6.71	316.89	318.27	318.28	318.63	0.050800	2.79	0.83	0.52	2.86	4.86	0.82
unico	100	Max WS	Tr200_D1	4.30	316.89	318.07	317.89	318.34	0.044906	2.31	0.32	0.14	1.95	3.80	0.75
unico	100	Max WS	Tr200_D2	2.60	316.89	317.82		318.00	0.037655	1.88			1.38	1.81	0.69
unico	80	Max WS	Tr200_D05	3.74	316.06	318.01		318.04	0.001361	0.84	0.39		4.99	4.06	0.22
unico	80	Max WS	Tr200_D1	3.27	316.06	317.85		317.88	0.001512	0.84	0.37		4.34	4.06	0.23
unico	80	Max WS	Tr200_D2	2.35	316.06	317.68		317.71	0.001200	0.70	0.28		3.67	4.01	0.21
unico	70			Culvert											
unico	60	Max WS	Tr200_D05	3.74	315.76	316.73		317.02	0.025057	2.38			1.57	2.11	0.88
unico	60	Max WS	Tr200_D1	3.27	315.76	316.65		316.93	0.025698	2.32			1.41	2.03	0.89
unico	60	Max WS	Tr200_D2	2.35	315.76	316.49		316.73	0.025560	2.13			1.10	1.87	0.89
unico	40	Max WS	Tr200_D05	2.63	314.40	316.30		316.31	0.000759	0.61	0.28		4.78	4.06	0.16
unico	40	Max WS	Tr200_D1	2.24	314.40	316.22		316.23	0.000656	0.56	0.25		4.46	4.06	0.15
unico	40	Max WS	Tr200_D2	1.75	314.40	316.11		316.12	0.000532	0.48	0.20		4.02	4.06	0.14
unico	30			Culvert											
unico	20	Max WS	Tr200_D05	1.32	307.10	311.23		311.23	0.000012	0.11	0.06		13.85	4.06	0.02
unico	20	Max WS	Tr200_D1	1.30	307.10	311.23		311.23	0.000012	0.11	0.05		13.85	4.06	0.02
unico	20	Max WS	Tr200_D2	1.75	307.10	311.23		311.23	0.000021	0.15	0.07		13.85	4.06	0.02
unico	10	Max WS	Tr200_D05	1.32	307.10	311.23	307.59	311.23	0.000012	0.16	0.06	0.06	13.85	4.06	0.02
unico	10	Max WS	Tr200_D1	1.30	307.10	311.23	307.59	311.23	0.000012	0.15	0.06	0.06	13.85	4.06	0.02
unico	10	Max WS	Tr200_D2	1.75	307.10	311.23	307.69	311.23	0.000021	0.21	0.07	0.08	13.85	4.06	0.03

ALLEGATI

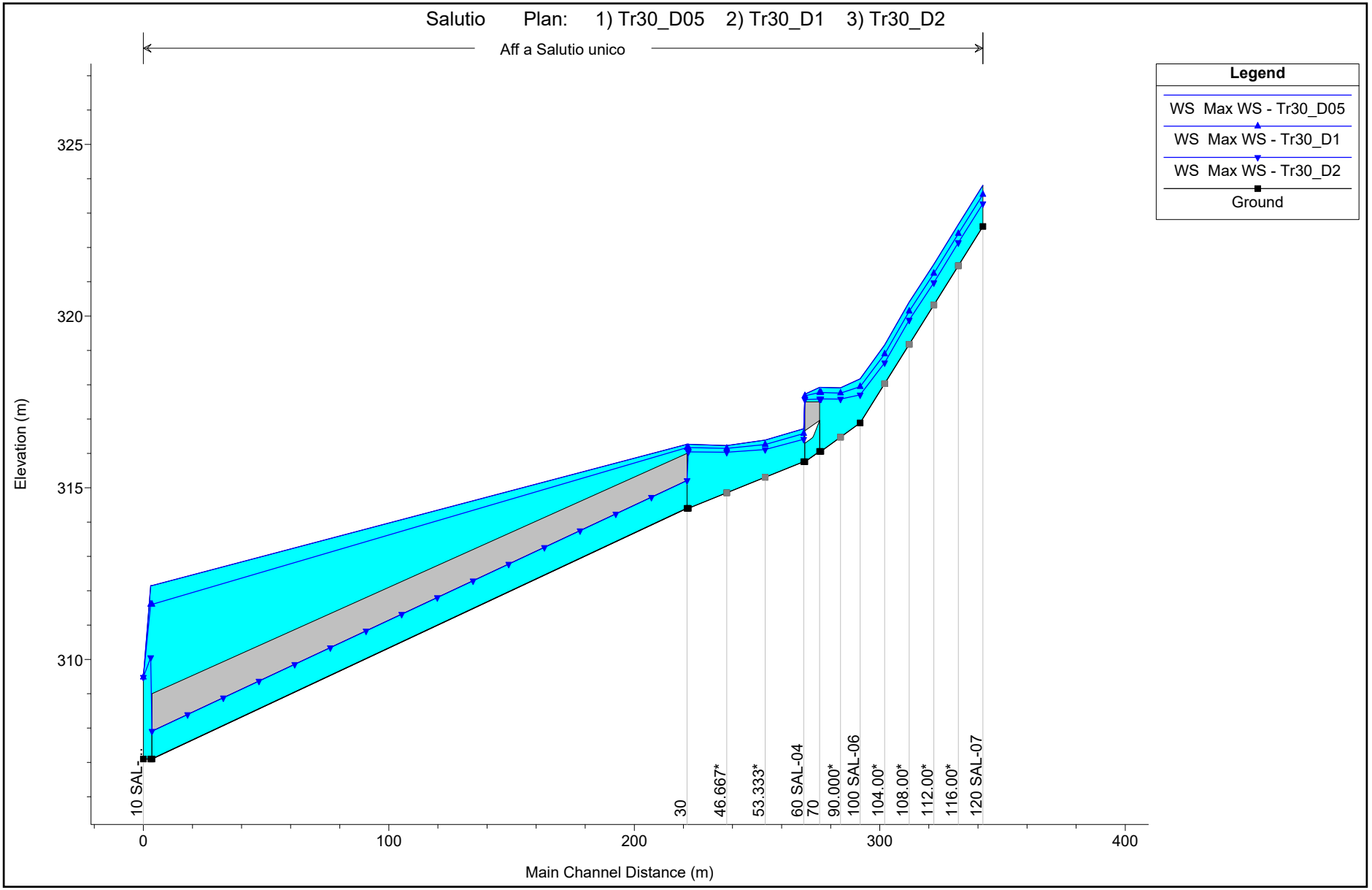
MODELLAZIONE HEC-RAS 5.0.7 "SALUTIO"

AFF A SALUTIO

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 0.5, 1 e 2h

Profilo longitudinale


Salutio Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
Aff a Salutio unico
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
WS Max WS - Tr30_D2
Ground
Elevation (m)
325
320
315
310
0
100
200
300
400
Main Channel Distance (m)
10 SAL...
30
46.667*
53.333*
60 SAL-04
70
90.000*
100 SAL-06
104.00*
108.00*
112.00*
116.00*
120 SAL-07

ALLEGATI

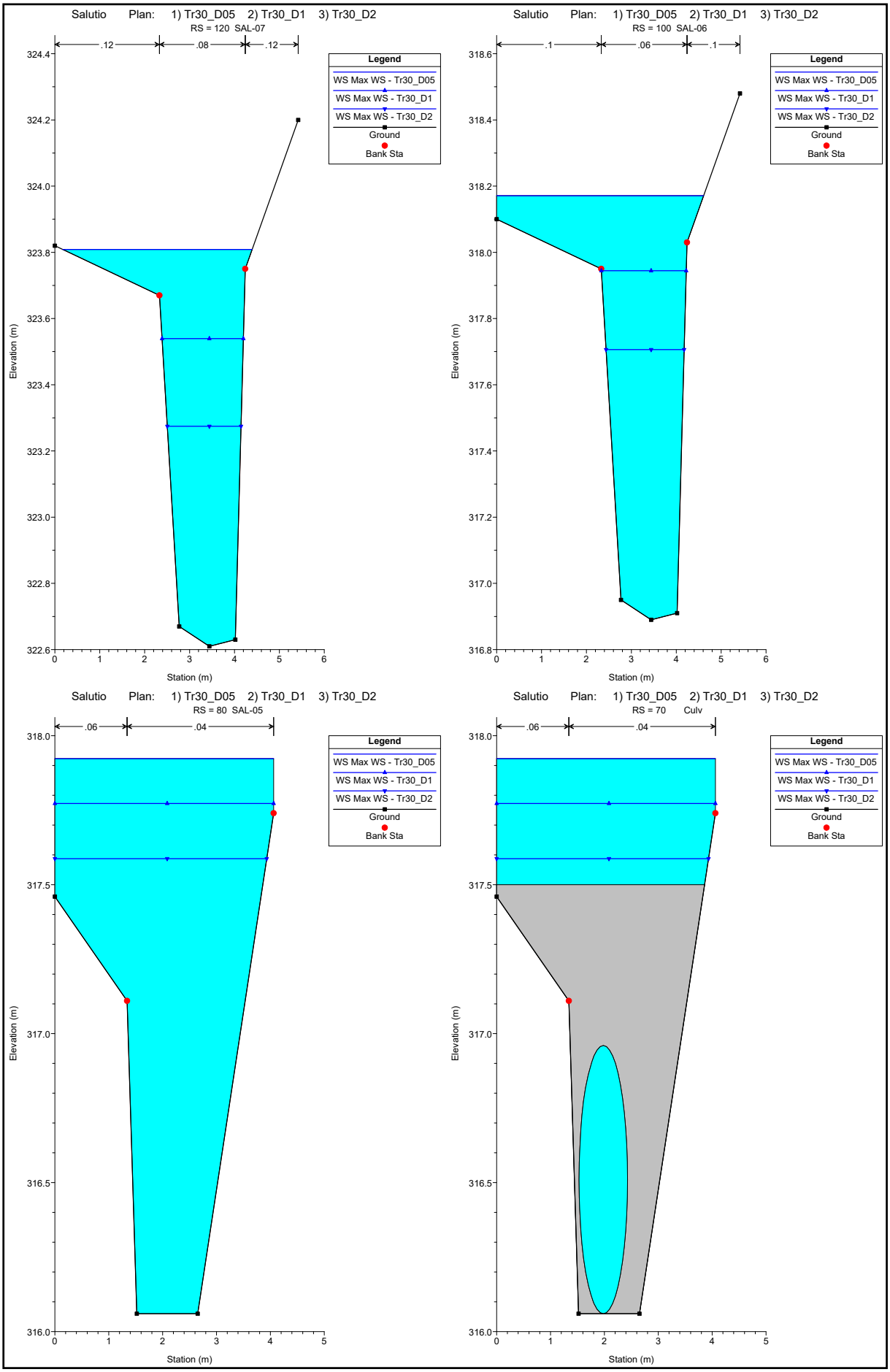
MODELLAZIONE HEC-RAS 5.0.7 "SALUTIO"

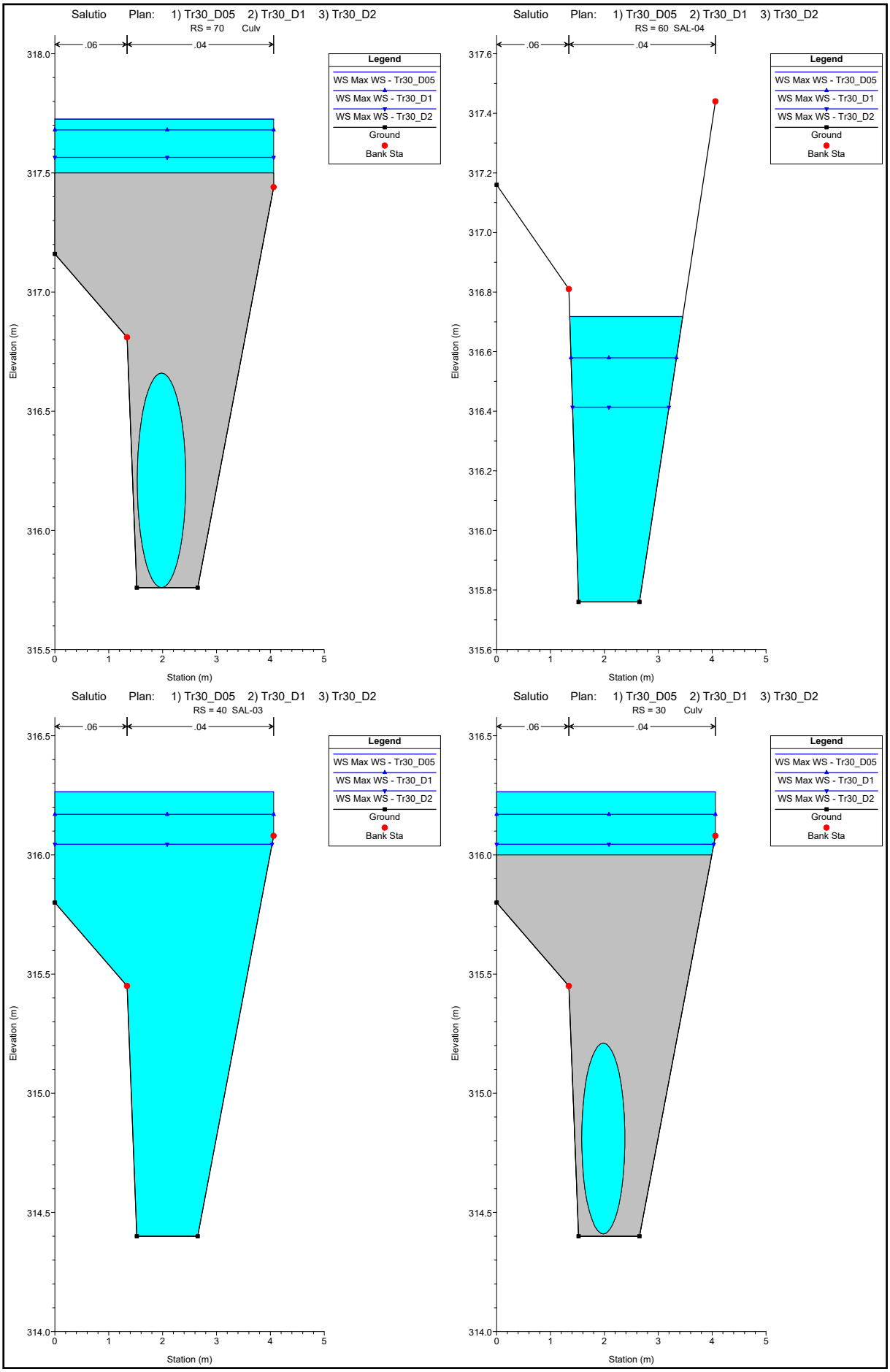
AFF A SALUTIO

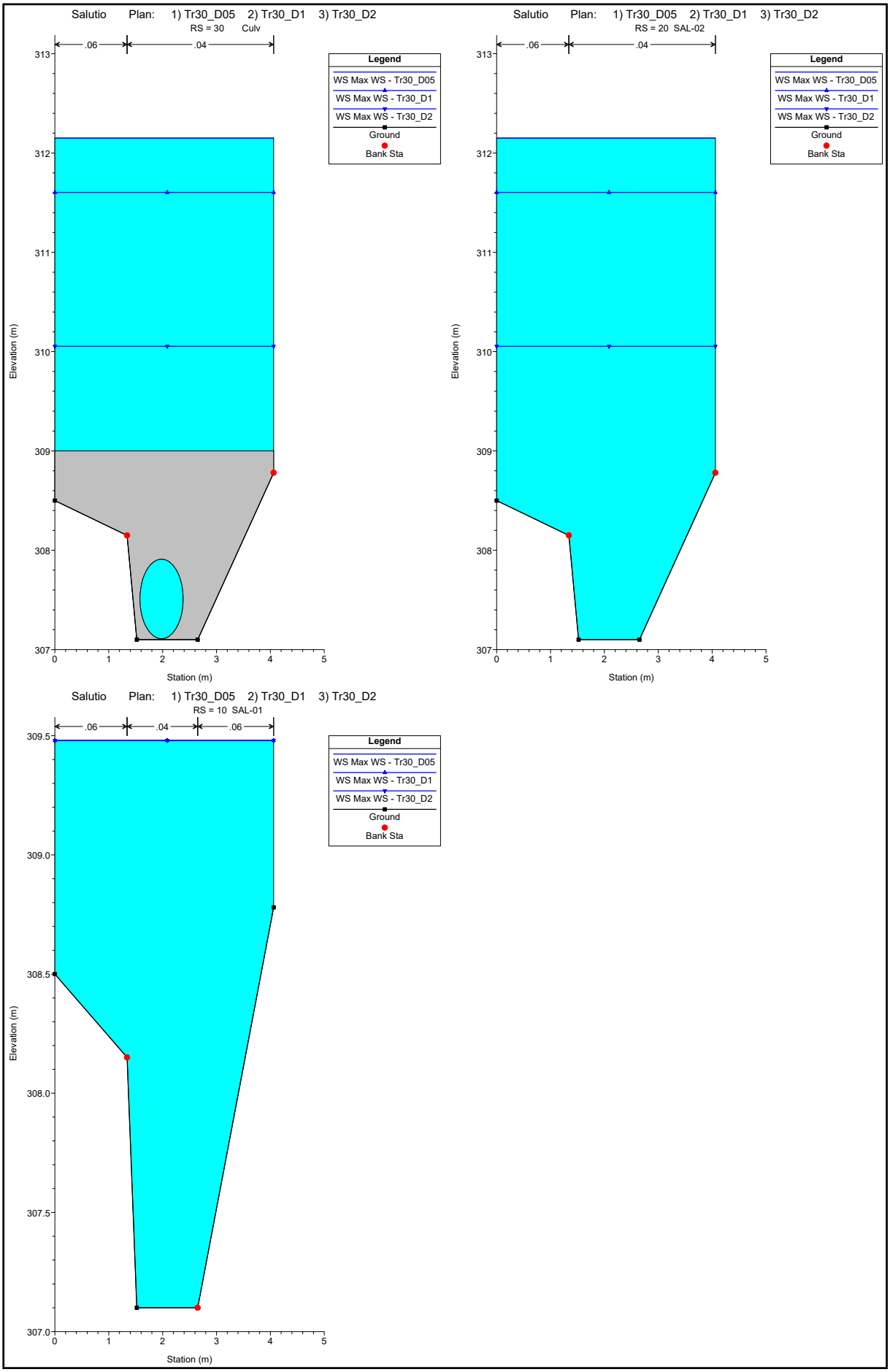
MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 0.5, 1 e 2h

Sezioni Trasversali (da monte verso valle)


Salutio Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
RS = 120 SAL-07
.12
.08
.12
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
WS Max WS - Tr30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Salutio Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
RS = 100 SAL-06
.1
.06
.1
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
WS Max WS - Tr30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Salutio Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
RS = 80 SAL-05
.06
.04
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
WS Max WS - Tr30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Salutio Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
RS = 70 Culv
.06
.04
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
WS Max WS - Tr30_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Salutio Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
RS = 70 Culv
.06
.04
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
WS Max WS - Tr30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Salutio Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
RS = 60 SAL-04
Salutio Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
RS = 40 SAL-03
Salutio Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
RS = 30 Culv


Salutio Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
RS = 30 Culv
.06
.04
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
WS Max WS - Tr30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Salutio Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
RS = 20 SAL-02
.06
.04
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
WS Max WS - Tr30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Salutio Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
RS = 10 SAL-01
.06
.04
.06
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
WS Max WS - Tr30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "SALUTIO"

AFF A SALUTIO

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 0.5, 1 e 2h

Dati idraulici

HEC-RAS River: Aff a Salutio Reach: unico Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
unico	120	Max WS	Tr30_D05	5.40	322.61	323.81	323.88	324.21	0.115235	2.82	0.48	0.26	2.04	4.21	0.91
unico	120	Max WS	Tr30_D1	3.40	322.61	323.54		323.85	0.114831	2.46			1.38	1.81	0.90
unico	120	Max WS	Tr30_D2	2.00	322.61	323.27		323.51	0.116486	2.16			0.93	1.64	0.92
unico	119			Lat Struct											
unico	118			Lat Struct											
unico	100	Max WS	Tr30_D05	5.48	316.89	318.17	318.16	318.50	0.048505	2.57	0.60	0.36	2.41	4.61	0.79
unico	100	Max WS	Tr30_D1	3.40	316.89	317.94		318.17	0.042942	2.11			1.62	1.89	0.73
unico	100	Max WS	Tr30_D2	2.00	316.89	317.71		317.85	0.033916	1.69			1.18	1.74	0.66
unico	80	Max WS	Tr30_D05	3.69	316.06	317.92		317.96	0.001604	0.88	0.40		4.64	4.06	0.24
unico	80	Max WS	Tr30_D1	2.83	316.06	317.77		317.80	0.001369	0.77	0.33		4.03	4.06	0.22
unico	80	Max WS	Tr30_D2	1.94	316.06	317.59		317.61	0.001076	0.64	0.23		3.29	3.93	0.19
unico	70			Culvert											
unico	60	Max WS	Tr30_D05	3.69	315.76	316.72		317.01	0.025546	2.39			1.55	2.10	0.89
unico	60	Max WS	Tr30_D1	2.83	315.76	316.58		316.83	0.025595	2.23			1.26	1.96	0.89
unico	60	Max WS	Tr30_D2	1.94	315.76	316.41		316.62	0.025694	2.03			0.95	1.79	0.89
unico	40	Max WS	Tr30_D05	2.47	314.40	316.26		316.28	0.000714	0.59	0.27		4.65	4.06	0.16
unico	40	Max WS	Tr30_D1	2.01	314.40	316.17		316.18	0.000594	0.52	0.23		4.27	4.06	0.15
unico	40	Max WS	Tr30_D2	1.59	314.40	316.04		316.05	0.000518	0.46	0.19		3.76	4.03	0.14
unico	30			Culvert											
unico	20	Max WS	Tr30_D05	2.06	307.10	312.15		312.15	0.000016	0.14	0.07		17.58	4.06	0.02
unico	20	Max WS	Tr30_D1	1.94	307.10	311.60		311.60	0.000020	0.15	0.07		15.36	4.06	0.02
unico	20	Max WS	Tr30_D2	1.51	307.10	310.05		310.05	0.000046	0.19	0.10		9.07	4.06	0.04
unico	10	Max WS	Tr30_D05	1.32	307.10	309.48	307.59	309.48	0.000085	0.29	0.12	0.13	6.74	4.06	0.06
unico	10	Max WS	Tr30_D1	1.30	307.10	309.48	307.59	309.48	0.000083	0.28	0.11	0.13	6.74	4.06	0.06
unico	10	Max WS	Tr30_D2	1.58	307.10	309.48	307.65	309.48	0.000123	0.34	0.14	0.15	6.74	4.06	0.07

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "SALUTIO"

FOSSO BURALE

MODELLAZIONE PER TR=30 e 200 ANNI

DURATA DI PIOGGIA: 0.5, 1 e 2h

Profilo longitudinale

Sezioni Trasversali

Dati idraulici

ALLEGATI

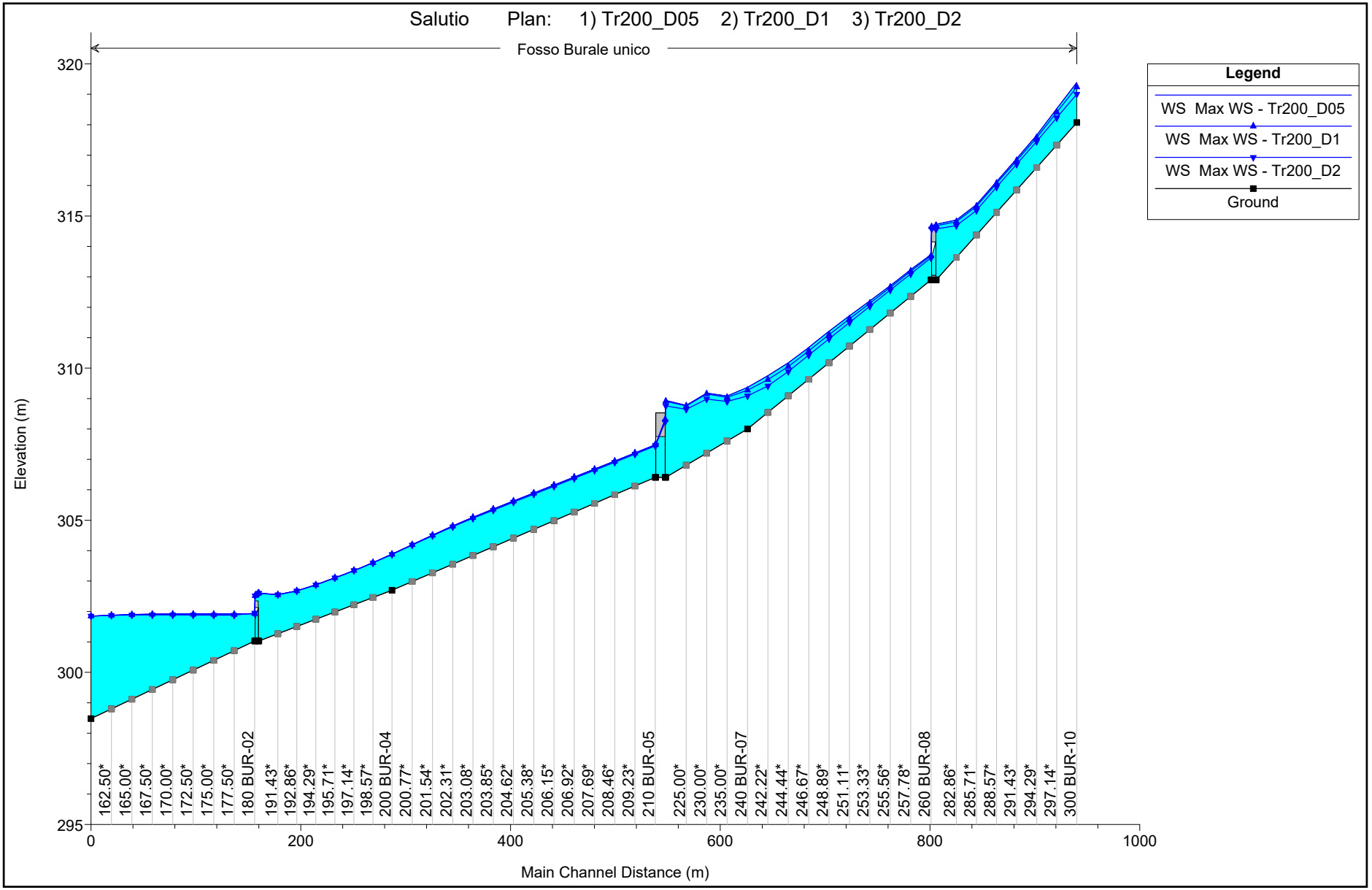
MODELLAZIONE HEC-RAS 5.0.7 "SALUTIO"

FOSSO BURALE

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 0.5, 1 e 2h

Profilo longitudinale


Salutio Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
Fosso Burale unico
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
WS Max WS - Tr200_D2
Ground
Elevation (m)
Main Channel Distance (m)
320
315
310
305
300
295
0
200
400
600
800
1000
162.50*
165.00*
167.50*
170.00*
172.50*
175.00*
177.50*
180 BUR-02
191.43*
192.86*
194.29*
195.71*
197.14*
198.57*
200 BUR-04
200.77*
201.54*
202.31*
203.08*
203.85*
204.62*
205.38*
206.15*
206.92*
207.69*
208.46*
209.23*
210 BUR-05
225.00*
230.00*
235.00*
240 BUR-07
242.22*
244.44*
246.67*
248.89*
251.11*
253.33*
255.56*
257.78*
260 BUR-08
282.86*
285.71*
288.57*
291.43*
294.29*
297.14*
300 BUR-10

ALLEGATI

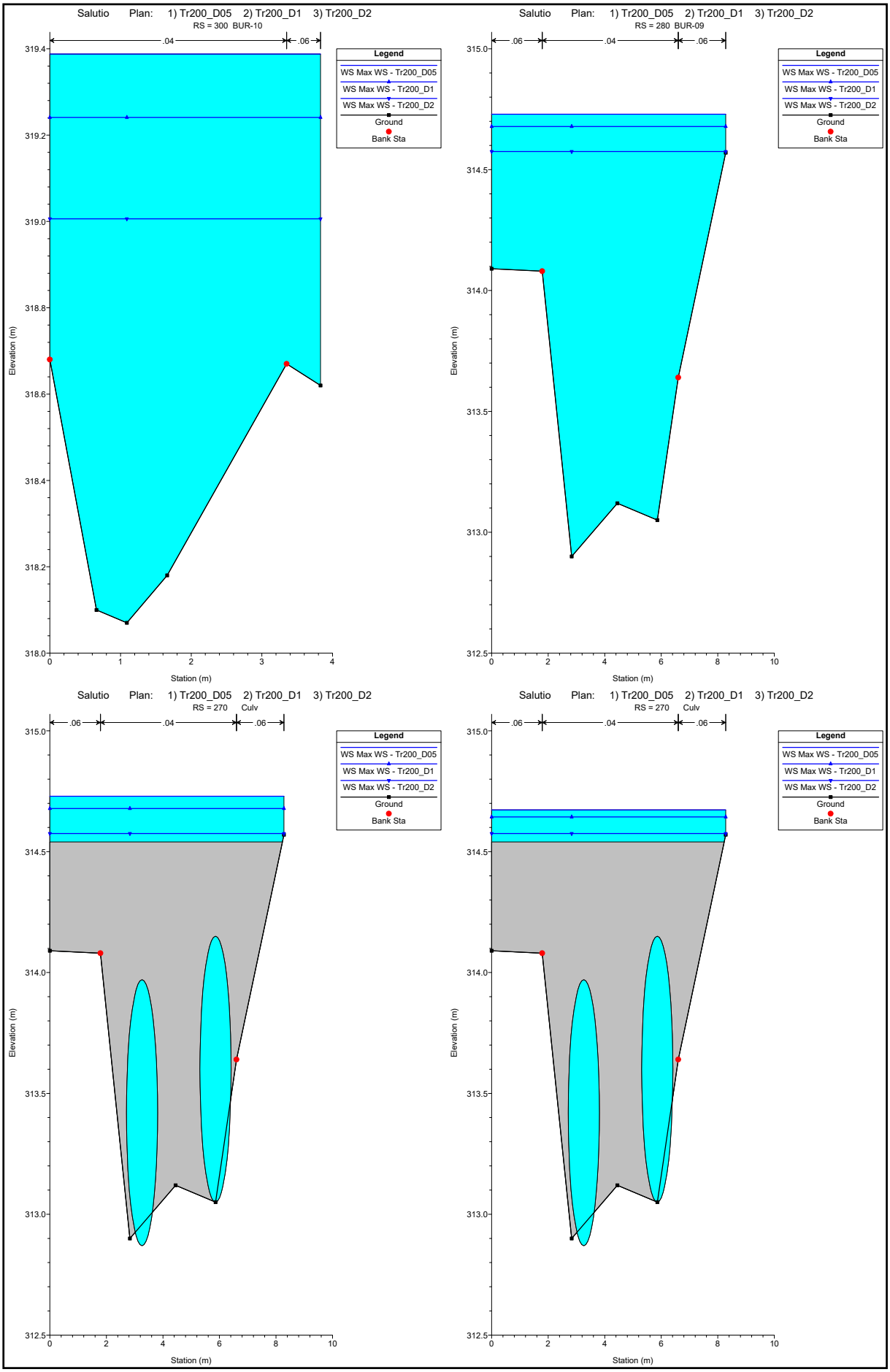
MODELLAZIONE HEC-RAS 5.0.7 "SALUTIO"

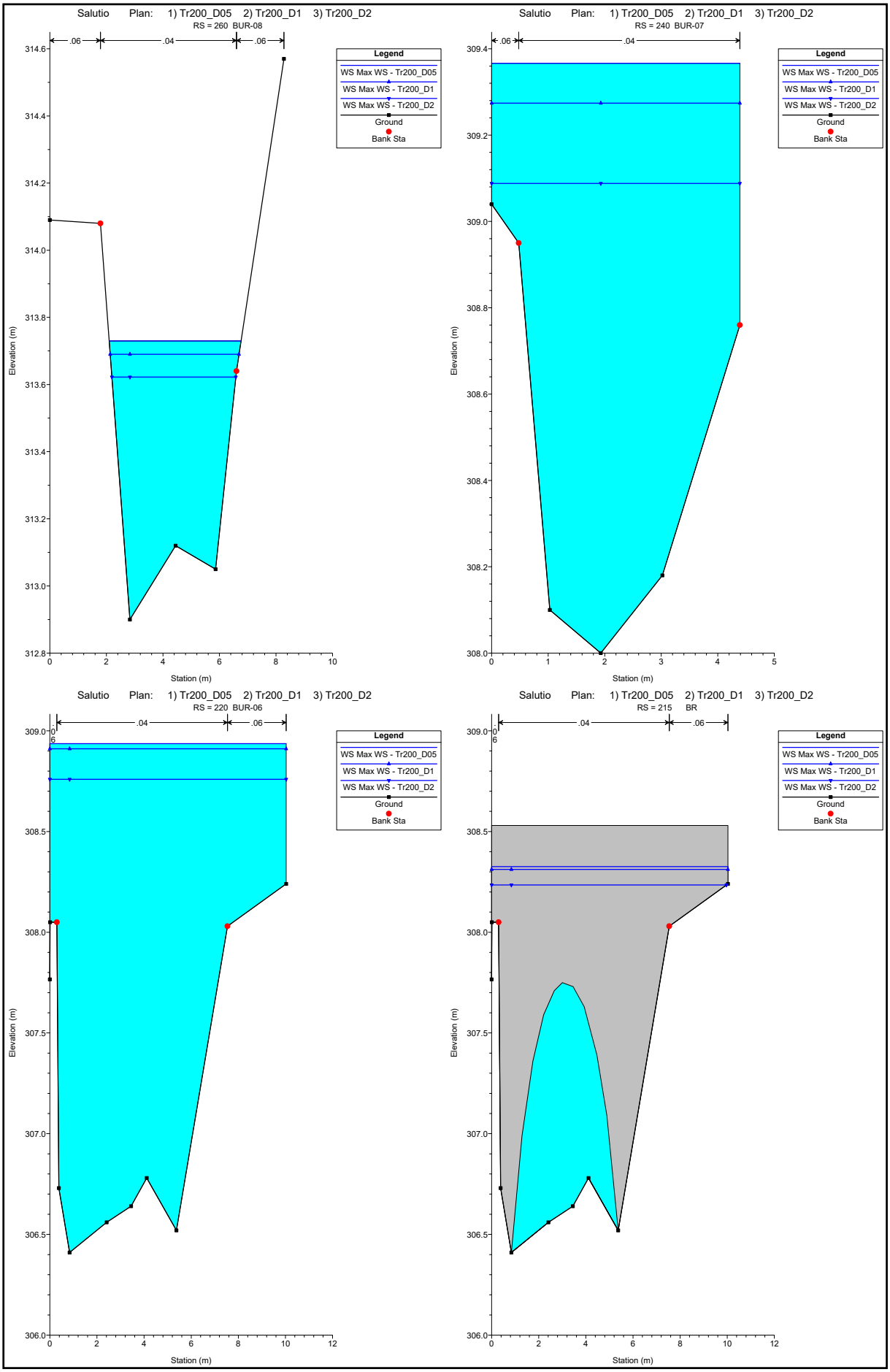
FOSSO BURALE

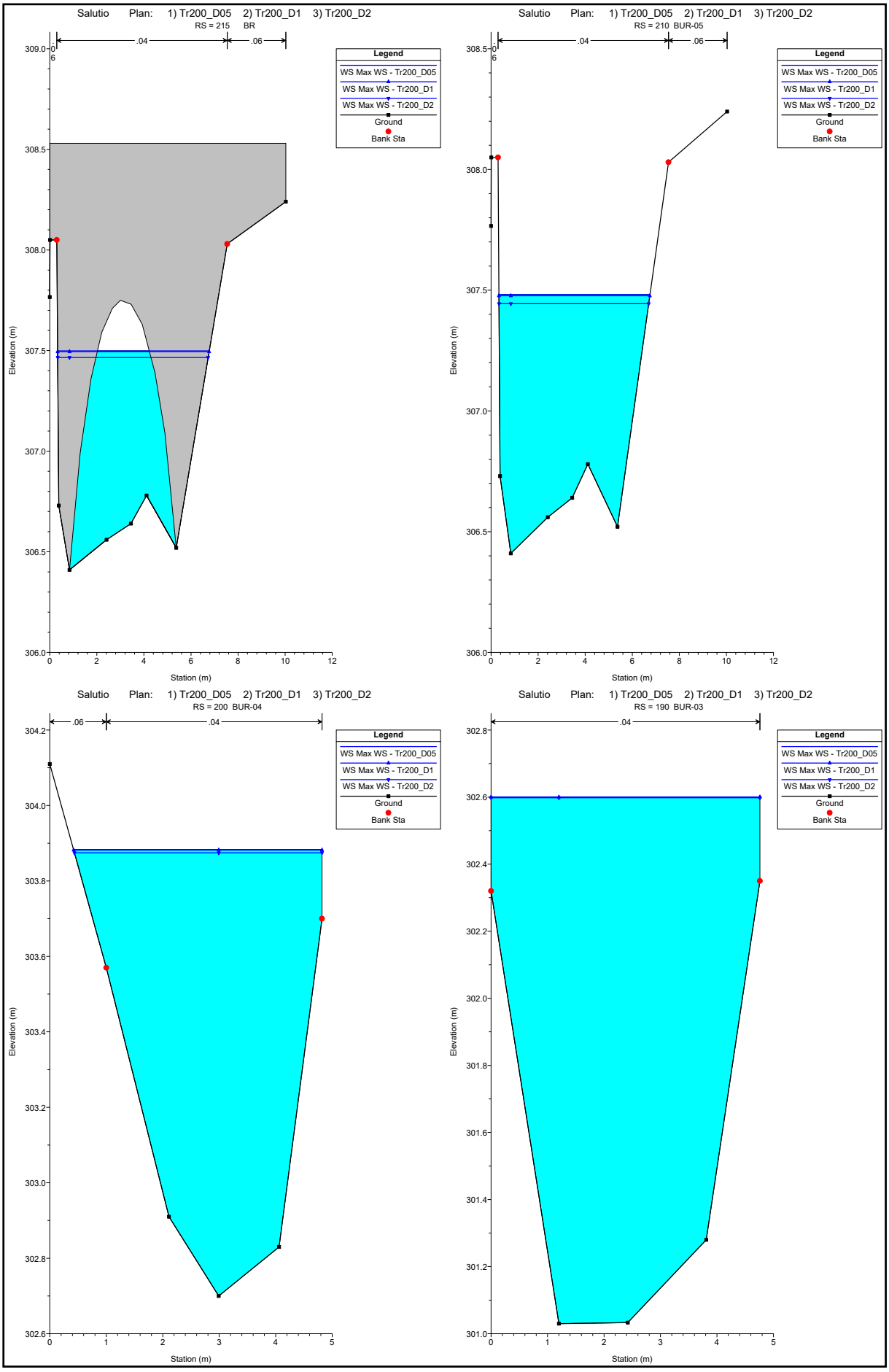
MODELLAZIONE PER TR= 200 anni

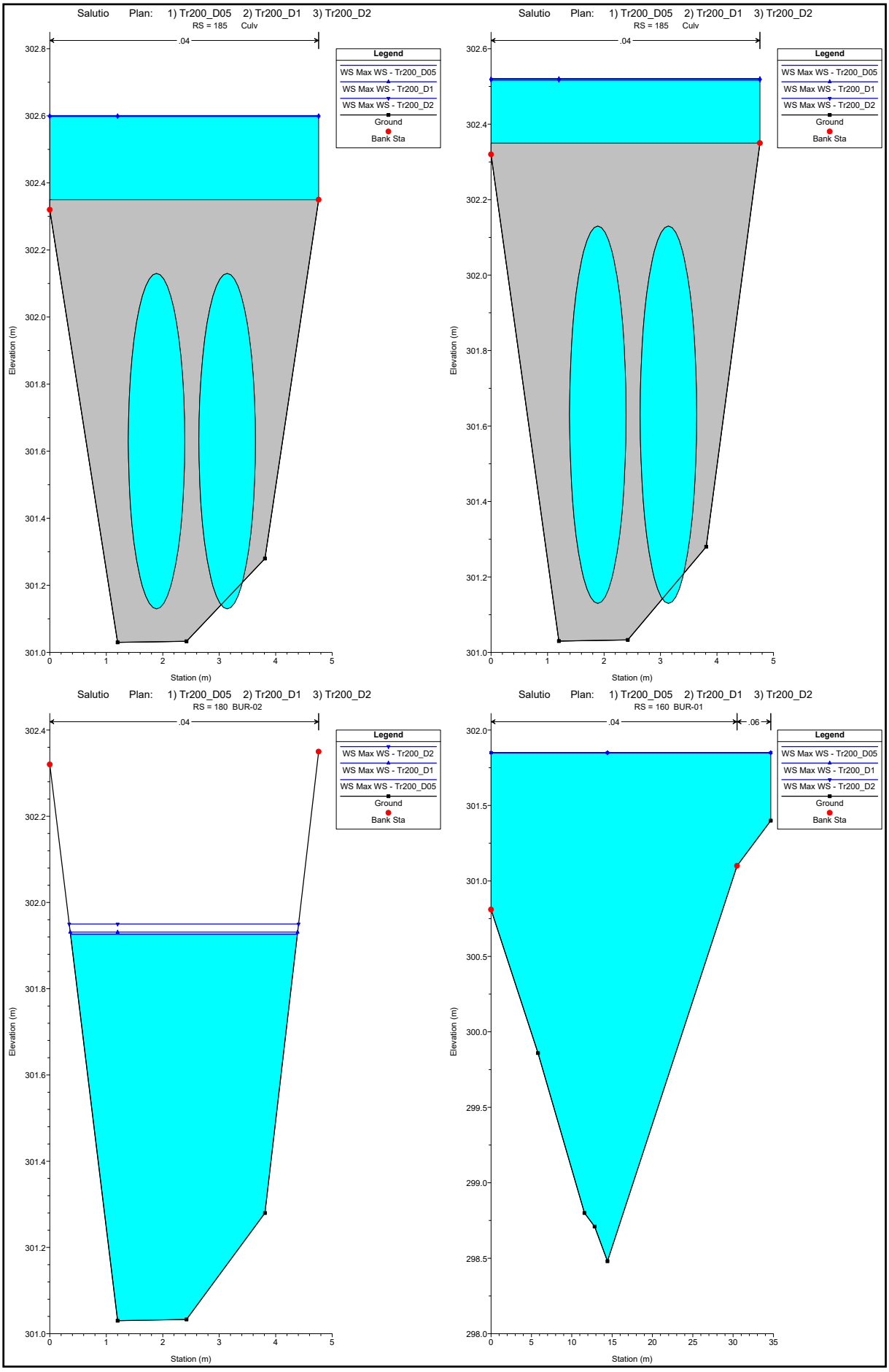
DURATE DI PIOGGIA: 0.5, 1 e 2h

Sezioni Trasversali (da monte verso valle)


Salutio Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
RS = 300 BUR-10
.04
.06
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Salutio Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
RS = 280 BUR-09
.06
.04
.06
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Salutio Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
RS = 270 Culv
.06
.04
.06
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Salutio Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
RS = 270 Culv
.06
.04
.06
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Salutio Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
RS = 260 BUR-08
.06
.04
.06
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Salutio Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
RS = 240 BUR-07
.06
.04
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Salutio Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
RS = 220 BUR-06
.04
.06
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Salutio Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
RS = 215 BR
.04
.06
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Salutio Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
RS = 215 BR
.04
.06
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Salutio Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
RS = 210 BUR-05
.04
.06
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Salutio Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
RS = 200 BUR-04
.06
.04
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Salutio Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
RS = 190 BUR-03
.04
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Salutio Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
RS = 185 Culv
.04
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Salutio Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
RS = 185 Culv
.04
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Salutio Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
RS = 180 BUR-02
.04
Legend
WS Max WS - Tr200_D2
WS Max WS - Tr200_D1
WS Max WS - Tr200_D05
Ground
Bank Sta
Elevation (m)
Station (m)
Salutio Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
RS = 160 BUR-01
.04
.06
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "SALUTIO"

FOSSO BURALE

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 0.5, 1 e 2h

Dati idraulici

HEC-RAS River: Fosso Burale Reach: unico Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
unico	300	Max WS	Tr200_D05	16.27	318.07	319.39	319.62	320.35	0.040802	4.42		1.46	3.92	3.83	1.37
unico	300	Max WS	Tr200_D1	12.69	318.07	319.24	319.43	320.04	0.039033	4.00		1.34	3.36	3.83	1.33
unico	300	Max WS	Tr200_D2	7.90	318.07	319.01	319.14	319.57	0.037986	3.37		1.11	2.46	3.83	1.30
unico	299			Lat Struct											
unico	298			Lat Struct											
unico	280	Max WS	Tr200_D05	6.61	312.90	314.73		314.76	0.000714	0.81	0.27	0.28	9.62	8.28	0.21
unico	280	Max WS	Tr200_D1	6.11	312.90	314.68		314.71	0.000691	0.78	0.26	0.27	9.20	8.28	0.20
unico	280	Max WS	Tr200_D2	5.16	312.90	314.58		314.60	0.000645	0.72	0.22	0.23	8.34	8.28	0.19
unico	270			Culvert											
unico	260	Max WS	Tr200_D05	6.61	312.90	313.73	313.74	314.04	0.023416	2.48		0.29	2.67	4.66	1.03
unico	260	Max WS	Tr200_D1	6.11	312.90	313.69	313.71	314.00	0.024883	2.46		0.21	2.49	4.56	1.05
unico	260	Max WS	Tr200_D2	5.16	312.90	313.62	313.64	313.91	0.026481	2.37			2.18	4.38	1.07
unico	240	Max WS	Tr200_D05	14.67	308.00	309.37	309.41	309.95	0.023540	3.40	0.93		4.45	4.39	1.04
unico	240	Max WS	Tr200_D1	11.52	308.00	309.27	309.24	309.71	0.019125	2.92	0.75		4.04	4.39	0.93
unico	240	Max WS	Tr200_D2	6.87	308.00	309.09		309.32	0.013004	2.15	0.36		3.22	4.39	0.76
unico	220	Max WS	Tr200_D05	11.77	306.41	308.94	307.37	308.96	0.000419	0.73	0.10	0.25	17.71	10.03	0.16
unico	220	Max WS	Tr200_D1	11.65	306.41	308.91	307.37	308.94	0.000429	0.73	0.10	0.25	17.45	10.03	0.16
unico	220	Max WS	Tr200_D2	10.97	306.41	308.76	307.34	308.79	0.000495	0.75	0.10	0.24	15.93	10.03	0.17
unico	215			Bridge											
unico	210	Max WS	Tr200_D05	11.77	306.41	307.48		307.75	0.014022	2.29			5.15	6.42	0.82
unico	210	Max WS	Tr200_D1	11.65	306.41	307.48		307.74	0.014031	2.28			5.11	6.41	0.82
unico	210	Max WS	Tr200_D2	10.97	306.41	307.44		307.70	0.014068	2.24			4.90	6.36	0.81
unico	200	Max WS	Tr200_D05	8.62	302.70	303.88		304.22	0.016373	2.57	0.57		3.42	4.40	0.88
unico	200	Max WS	Tr200_D1	8.59	302.70	303.88		304.22	0.016350	2.57	0.57		3.41	4.40	0.88
unico	200	Max WS	Tr200_D2	8.43	302.70	303.87		304.20	0.016157	2.54	0.55		3.38	4.38	0.87
unico	190	Max WS	Tr200_D05	5.03	301.03	302.60		302.64	0.001375	0.87			5.78	4.76	0.25
unico	190	Max WS	Tr200_D1	5.02	301.03	302.60		302.64	0.001374	0.87			5.78	4.76	0.25
unico	190	Max WS	Tr200_D2	5.01	301.03	302.60		302.64	0.001372	0.87			5.77	4.76	0.25
unico	185			Culvert											
unico	180	Max WS	Tr200_D05	1.90	301.03	301.93		301.95	0.001627	0.70			2.72	4.02	0.27
unico	180	Max WS	Tr200_D1	4.10	301.03	301.93		302.05	0.007410	1.50			2.74	4.03	0.58
unico	180	Max WS	Tr200_D2	5.01	301.03	301.95		302.11	0.010243	1.78			2.82	4.06	0.68
unico	160	Max WS	Tr200_D05	-53.66	298.48	301.85	300.18	301.88	0.000403	-0.81		-0.22	68.02	34.66	0.18
unico	160	Max WS	Tr200_D1	-48.65	298.48	301.85	300.11	301.88	0.000332	-0.73		-0.20	68.02	34.66	0.16
unico	160	Max WS	Tr200_D2	-39.23	298.48	301.85	299.96	301.87	0.000216	-0.59		-0.16	68.02	34.66	0.13

ALLEGATI

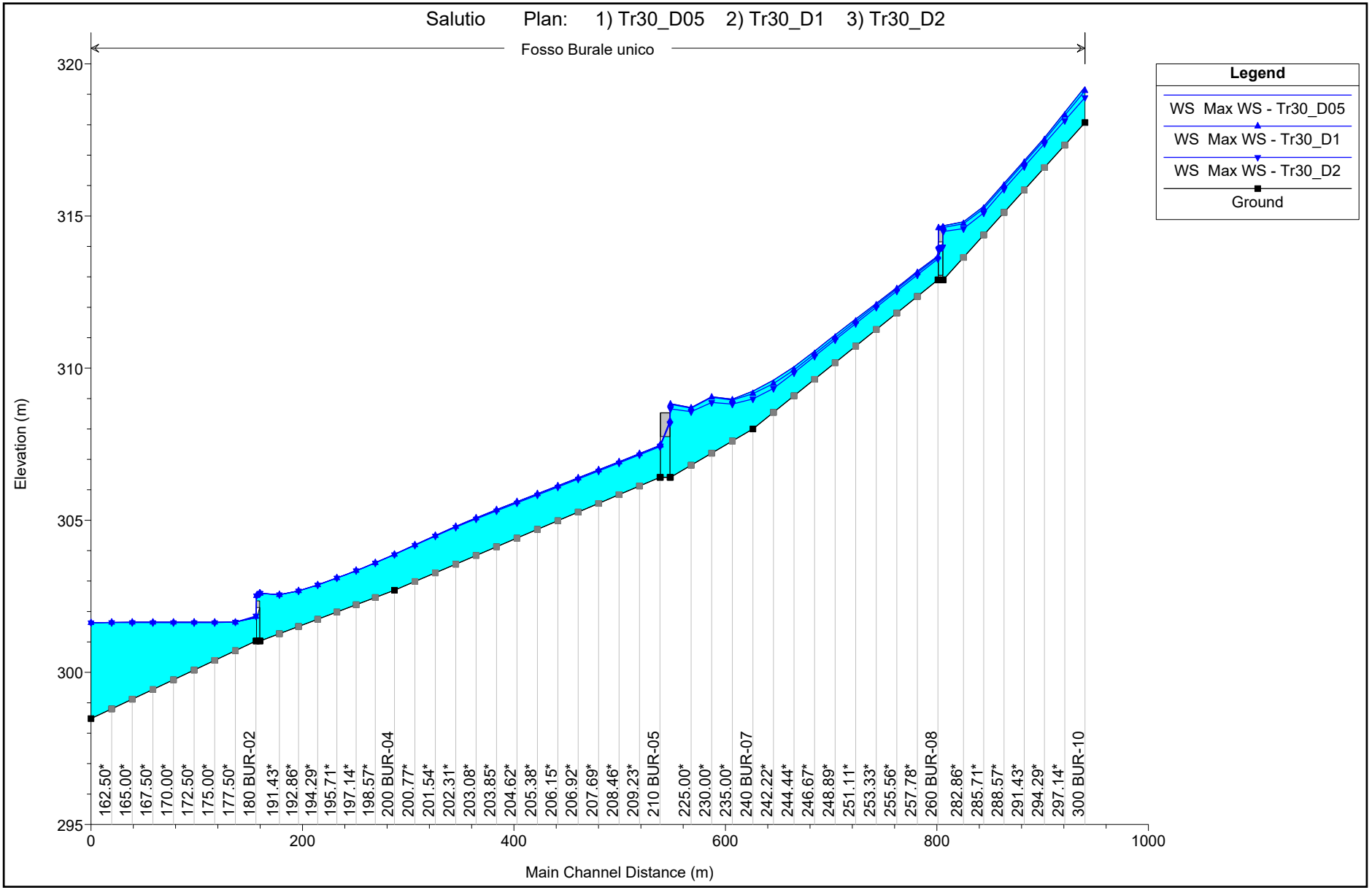
MODELLAZIONE HEC-RAS 5.0.7 "SALUTIO"

FOSSO BURALE

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 0.5, 1 e 2h

Profilo longitudinale


Salutio Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
Fosso Burale unico
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
WS Max WS - Tr30_D2
Ground
Elevation (m)
320
315
310
305
300
295
0
200
400
600
800
1000
Main Channel Distance (m)
162.50*
165.00*
167.50*
170.00*
172.50*
175.00*
177.50*
180 BUR-02
191.43*
192.86*
194.29*
195.71*
197.14*
198.57*
200 BUR-04
200.77*
201.54*
202.31*
203.08*
203.85*
204.62*
205.38*
206.15*
206.92*
207.69*
208.46*
209.23*
210 BUR-05
225.00*
230.00*
235.00*
240 BUR-07
242.22*
244.44*
246.67*
248.89*
251.11*
253.33*
255.56*
257.78*
260 BUR-08
282.86*
285.71*
288.57*
291.43*
294.29*
297.14*
300 BUR-10

ALLEGATI

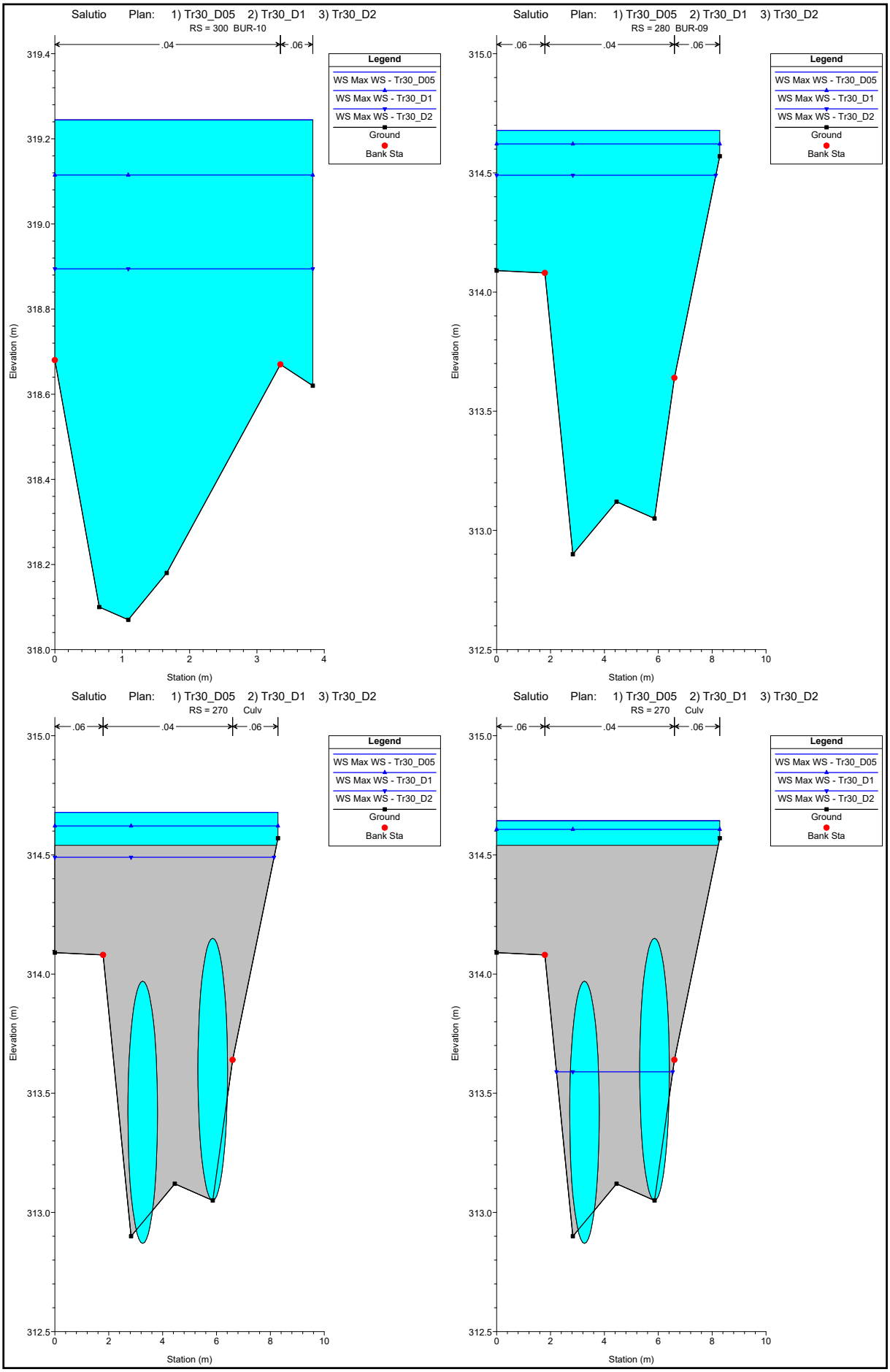
MODELLAZIONE HEC-RAS 5.0.7 "SALUTIO"

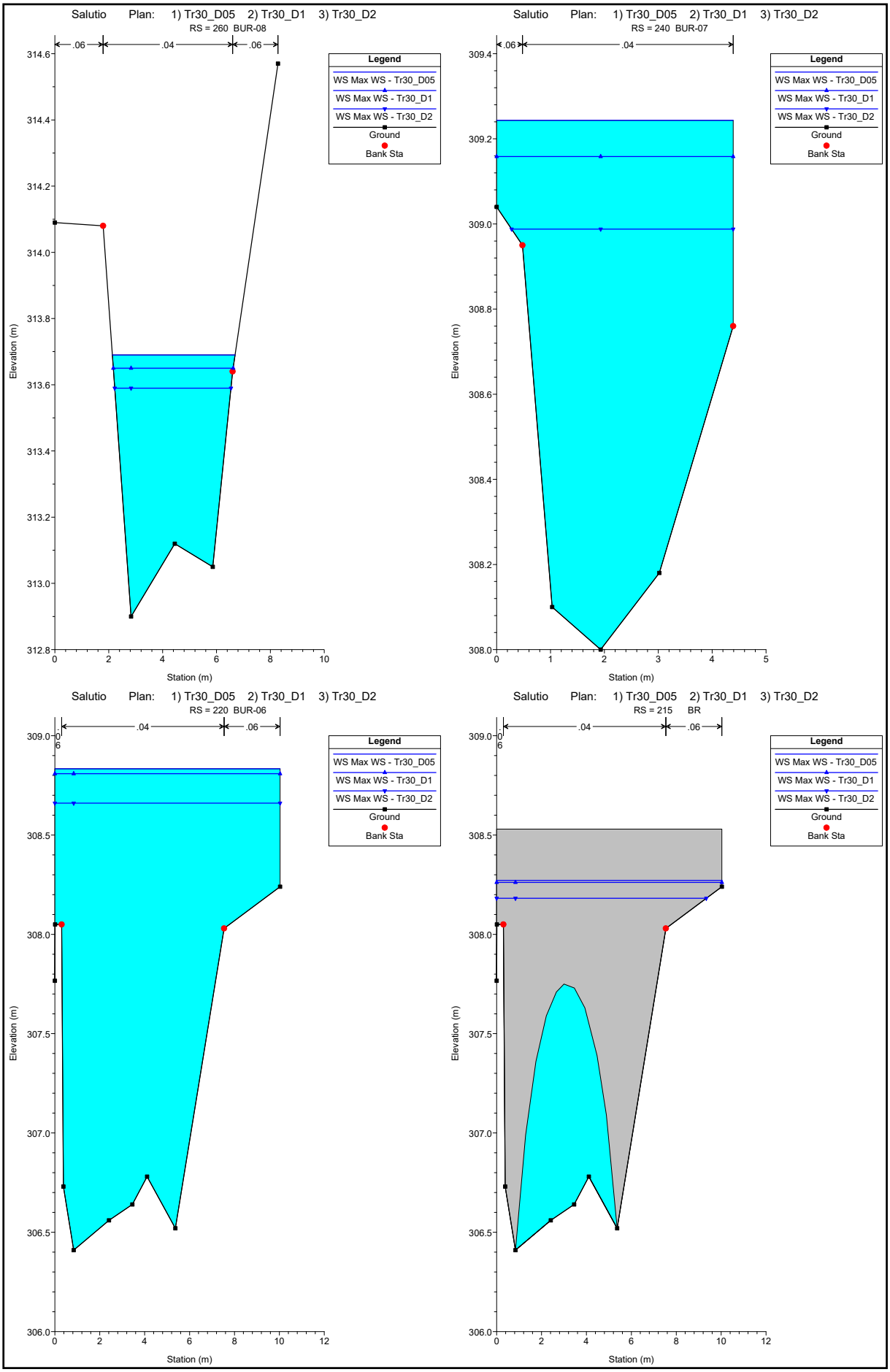
FOSSO BURALE

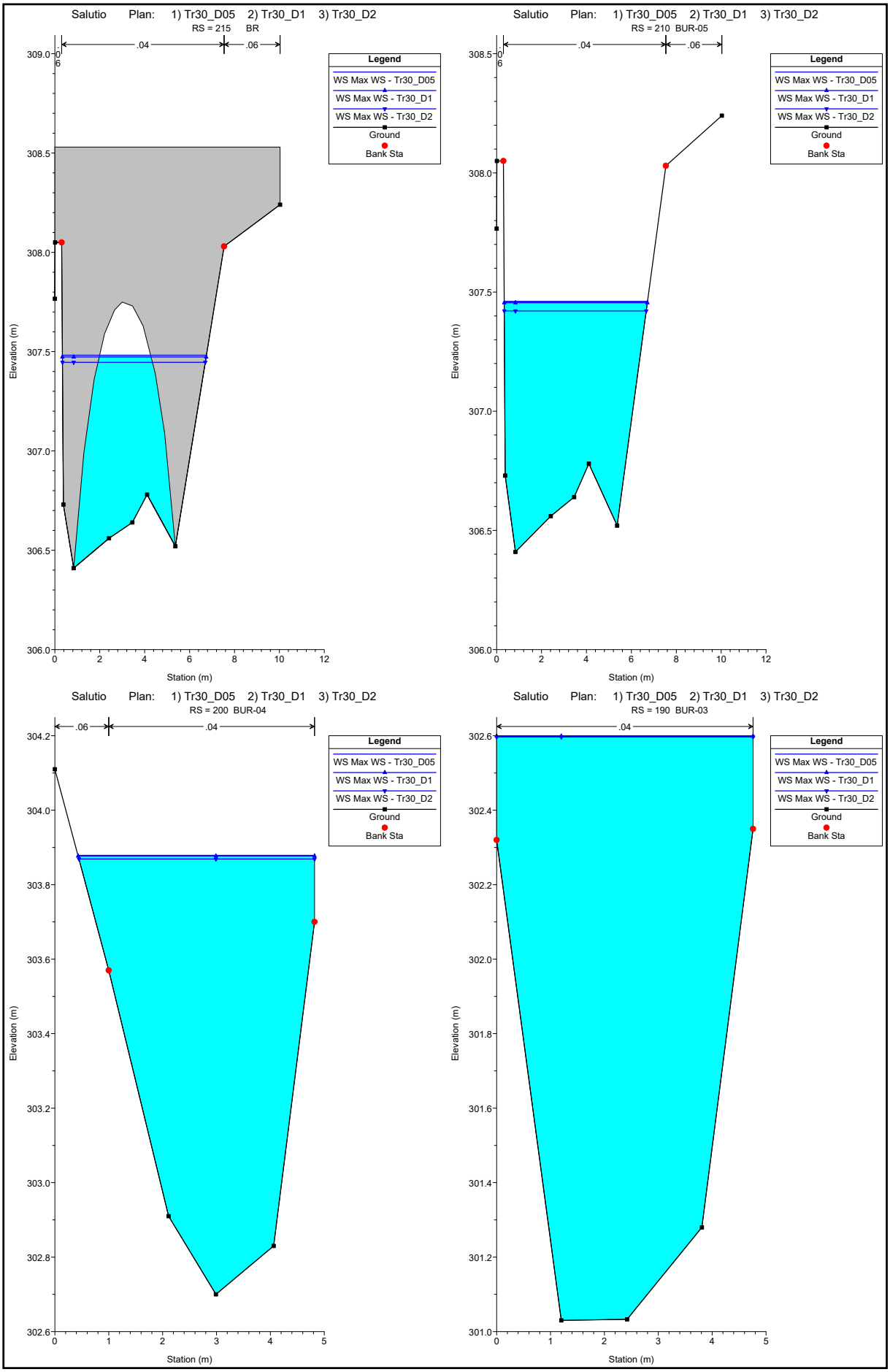
MODELLAZIONE PER TR= 30 anni

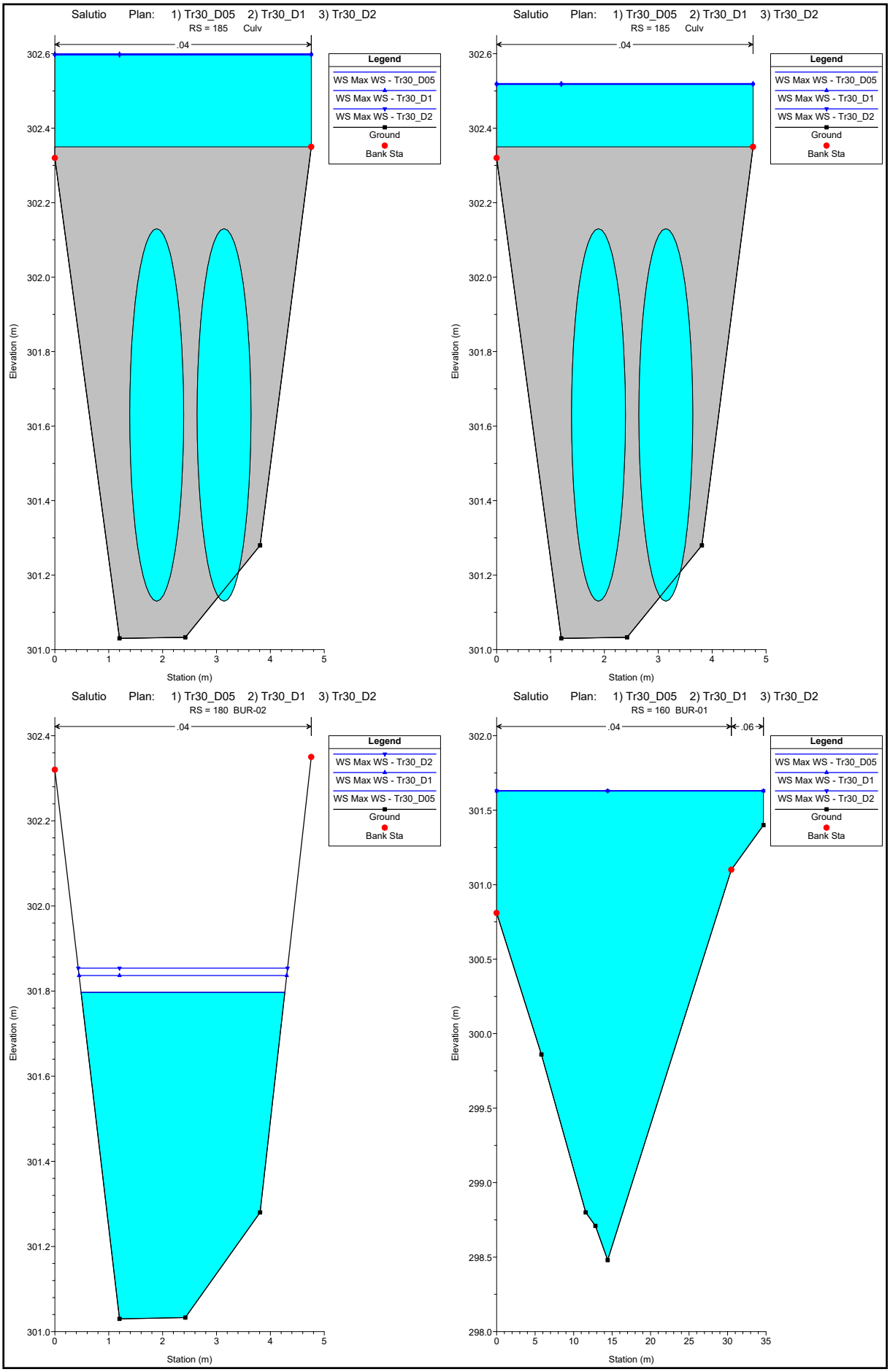
DURATE DI PIOGGIA: 0.5, 1 e 2h

Sezioni Trasversali (da monte verso valle)


Salutio Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
RS = 300 BUR-10
.04
.06
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
WS Max WS - Tr30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Salutio Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
RS = 280 BUR-09
.06
.04
.06
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
WS Max WS - Tr30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Salutio Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
RS = 270 Culv
.06
.04
.06
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
WS Max WS - Tr30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Salutio Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
RS = 270 Culv
.06
.04
.06
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
WS Max WS - Tr30_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Salutio Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
RS = 260 BUR-08
.06
.04
.06
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
WS Max WS - Tr30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Salutio Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
RS = 240 BUR-07
.06
.04
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
WS Max WS - Tr30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Salutio Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
RS = 220 BUR-06
.04
.06
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
WS Max WS - Tr30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Salutio Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
RS = 215 BR
.04
.06
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
WS Max WS - Tr30_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Salutio Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
RS = 215 BR
.04
.06
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
WS Max WS - Tr30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Salutio Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
RS = 210 BUR-05
.04
.06
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
WS Max WS - Tr30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Salutio Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
RS = 200 BUR-04
.06
.04
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
WS Max WS - Tr30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Salutio Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
RS = 190 BUR-03
.04
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
WS Max WS - Tr30_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Salutio Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
RS = 185 Culv
.04
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
WS Max WS - Tr30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Salutio Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
RS = 185 Culv
.04
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
WS Max WS - Tr30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Salutio Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
RS = 180 BUR-02
.04
Legend
WS Max WS - Tr30_D2
WS Max WS - Tr30_D1
WS Max WS - Tr30_D05
Ground
Bank Sta
Elevation (m)
Station (m)
Salutio Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
RS = 160 BUR-01
.04
.06
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
WS Max WS - Tr30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "SALUTIO"

FOSSO BURALE

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 0.5, 1 e 2h

Dati idraulici

HEC-RAS River: Fosso Burale Reach: unico Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
unico	300	Max WS	Tr30_D05	12.78	318.07	319.24	319.44	320.04	0.039102	4.02		1.34	3.37	3.83	1.34
unico	300	Max WS	Tr30_D1	9.89	318.07	319.11	319.27	319.77	0.037480	3.63		1.21	2.88	3.83	1.30
unico	300	Max WS	Tr30_D2	6.00	318.07	318.89	319.00	319.37	0.038651	3.08		0.96	2.03	3.83	1.30
unico	299			Lat Struct											
unico	298			Lat Struct											
unico	280	Max WS	Tr30_D05	6.11	312.90	314.68		314.71	0.000691	0.78	0.26	0.27	9.20	8.28	0.20
unico	280	Max WS	Tr30_D1	5.56	312.90	314.62		314.65	0.000661	0.74	0.24	0.25	8.73	8.28	0.20
unico	280	Max WS	Tr30_D2	4.75	312.90	314.49		314.51	0.000690	0.71	0.21	0.23	7.64	8.14	0.20
unico	270			Culvert											
unico	260	Max WS	Tr30_D05	6.11	312.90	313.69	313.71	314.00	0.024863	2.46		0.21	2.49	4.56	1.05
unico	260	Max WS	Tr30_D1	5.56	312.90	313.65	313.67	313.95	0.025978	2.41		0.07	2.31	4.45	1.07
unico	260	Max WS	Tr30_D2	4.75	312.90	313.59	313.61	313.87	0.027264	2.33			2.04	4.31	1.08
unico	240	Max WS	Tr30_D05	11.19	308.00	309.24	309.22	309.68	0.019926	2.93	0.73		3.90	4.39	0.95
unico	240	Max WS	Tr30_D1	8.67	308.00	309.16		309.48	0.015973	2.50	0.54		3.53	4.39	0.85
unico	240	Max WS	Tr30_D2	5.21	308.00	308.99		309.17	0.011335	1.87	0.12		2.79	4.11	0.71
unico	220	Max WS	Tr30_D05	11.31	306.41	308.83	307.35	308.86	0.000461	0.74	0.10	0.24	16.68	10.03	0.17
unico	220	Max WS	Tr30_D1	11.19	306.41	308.81	307.35	308.84	0.000472	0.74	0.10	0.24	16.43	10.03	0.17
unico	220	Max WS	Tr30_D2	10.50	306.41	308.66	307.32	308.69	0.000546	0.76	0.10	0.23	14.94	10.03	0.18
unico	215			Bridge											
unico	210	Max WS	Tr30_D05	11.31	306.41	307.46		307.72	0.014047	2.26			5.01	6.39	0.81
unico	210	Max WS	Tr30_D1	11.19	306.41	307.46		307.71	0.014063	2.25			4.97	6.38	0.81
unico	210	Max WS	Tr30_D2	10.50	306.41	307.42		307.67	0.014124	2.21			4.75	6.33	0.81
unico	200	Max WS	Tr30_D05	8.52	302.70	303.88		304.21	0.016246	2.56	0.56		3.40	4.39	0.88
unico	200	Max WS	Tr30_D1	8.49	302.70	303.88		304.21	0.016228	2.55	0.56		3.39	4.39	0.88
unico	200	Max WS	Tr30_D2	8.31	302.70	303.87		304.19	0.016019	2.52	0.55		3.36	4.37	0.87
unico	190	Max WS	Tr30_D05	5.02	301.03	302.60		302.64	0.001373	0.87			5.77	4.76	0.25
unico	190	Max WS	Tr30_D1	5.01	301.03	302.60		302.64	0.001372	0.87			5.77	4.76	0.25
unico	190	Max WS	Tr30_D2	4.99	301.03	302.60		302.63	0.001369	0.87			5.76	4.76	0.25
unico	185			Culvert											
unico	180	Max WS	Tr30_D05	5.02	301.03	301.80	301.77	302.06	0.020247	2.26			2.22	3.78	0.94
unico	180	Max WS	Tr30_D1	4.87	301.03	301.84		302.05	0.015829	2.06			2.37	3.85	0.84
unico	180	Max WS	Tr30_D2	4.99	301.03	301.85		302.07	0.015381	2.05			2.43	3.89	0.83
unico	160	Max WS	Tr30_D05	-25.69	298.48	301.63	299.72	301.64	0.000132	-0.43		-0.10	60.39	34.66	0.10
unico	160	Max WS	Tr30_D1	-19.32	298.48	301.63	299.59	301.64	0.000075	-0.33		-0.07	60.39	34.66	0.08
unico	160	Max WS	Tr30_D2	-15.47	298.48	301.63	299.49	301.63	0.000048	-0.26		-0.06	60.39	34.66	0.06

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "FONTE ANTICA"

FONTE ANTICA

MODELLAZIONE PER TR=30 e 200 ANNI

DURATA DI PIOGGIA: 0.5, 1h e 2h

Profilo longitudinale

Sezioni Trasversali

Dati idraulici

ALLEGATI

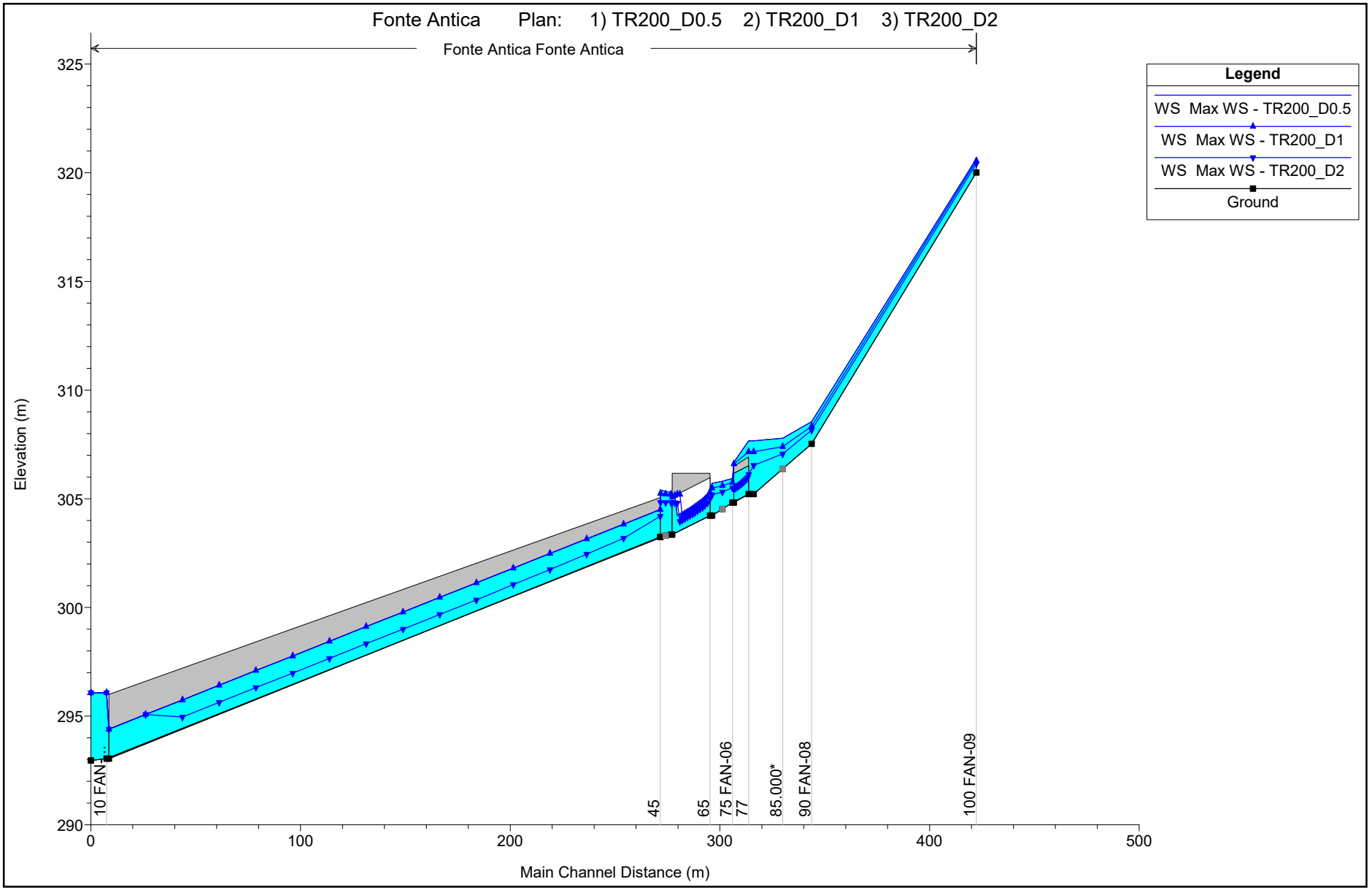
MODELLAZIONE HEC-RAS 5.0.7 "FONTE ANTICA"

FONTE ANTICA

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 0.5, 1h e 2h

Profilo longitudinale


Fonte Antica Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
Fonte Antica Fonte Antica
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Elevation (m)
325
320
315
310
305
300
295
290
0
100
200
300
400
500
Main Channel Distance (m)
10 FAN...
45
65
75 FAN-06
77
85.000*
90 FAN-08
100 FAN-09

ALLEGATI

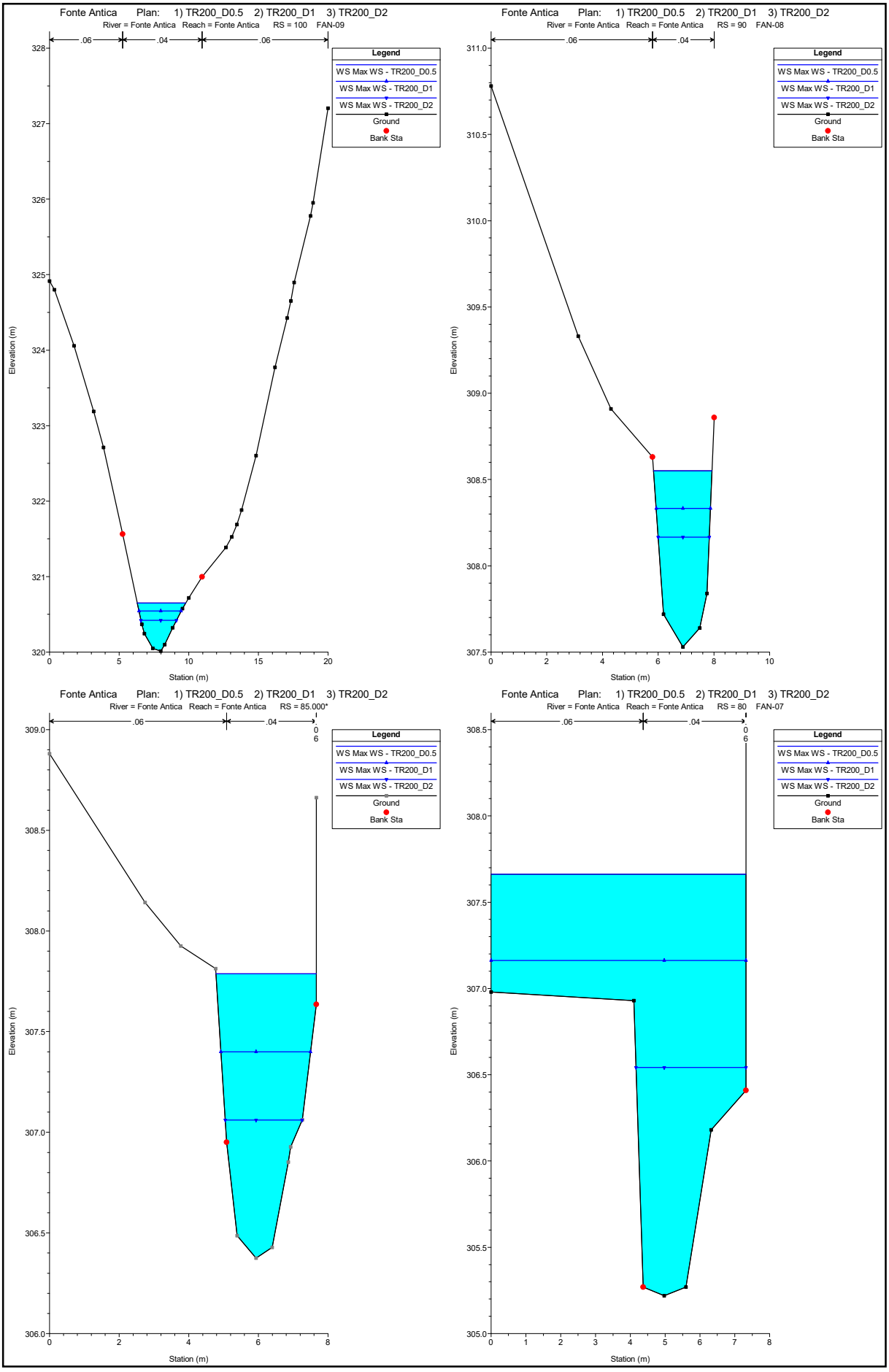
MODELLAZIONE HEC-RAS 5.0.7 "FONTE ANTICA"

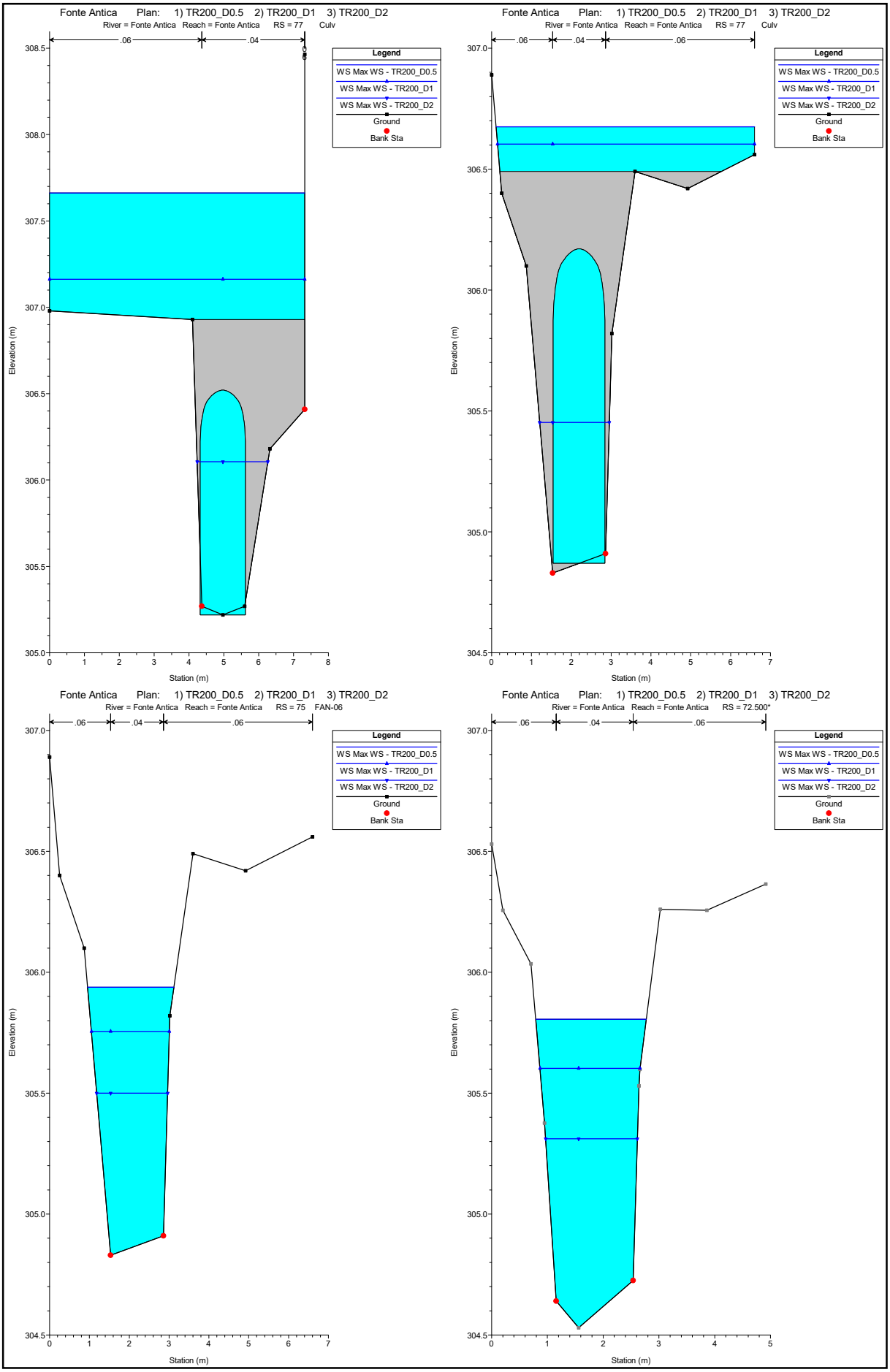
FONTE ANTICA

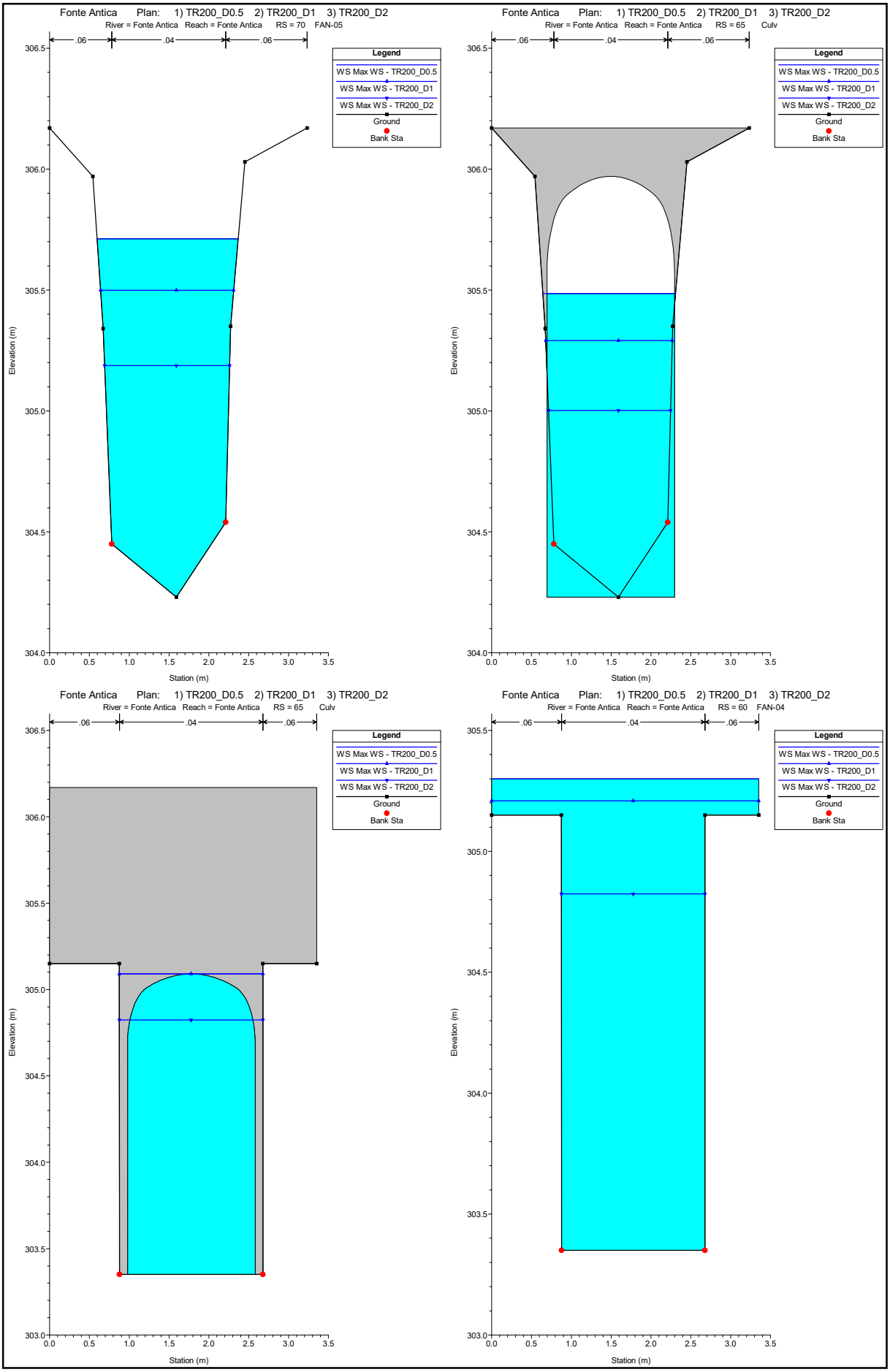
MODELLAZIONE PER TR= 200 anni

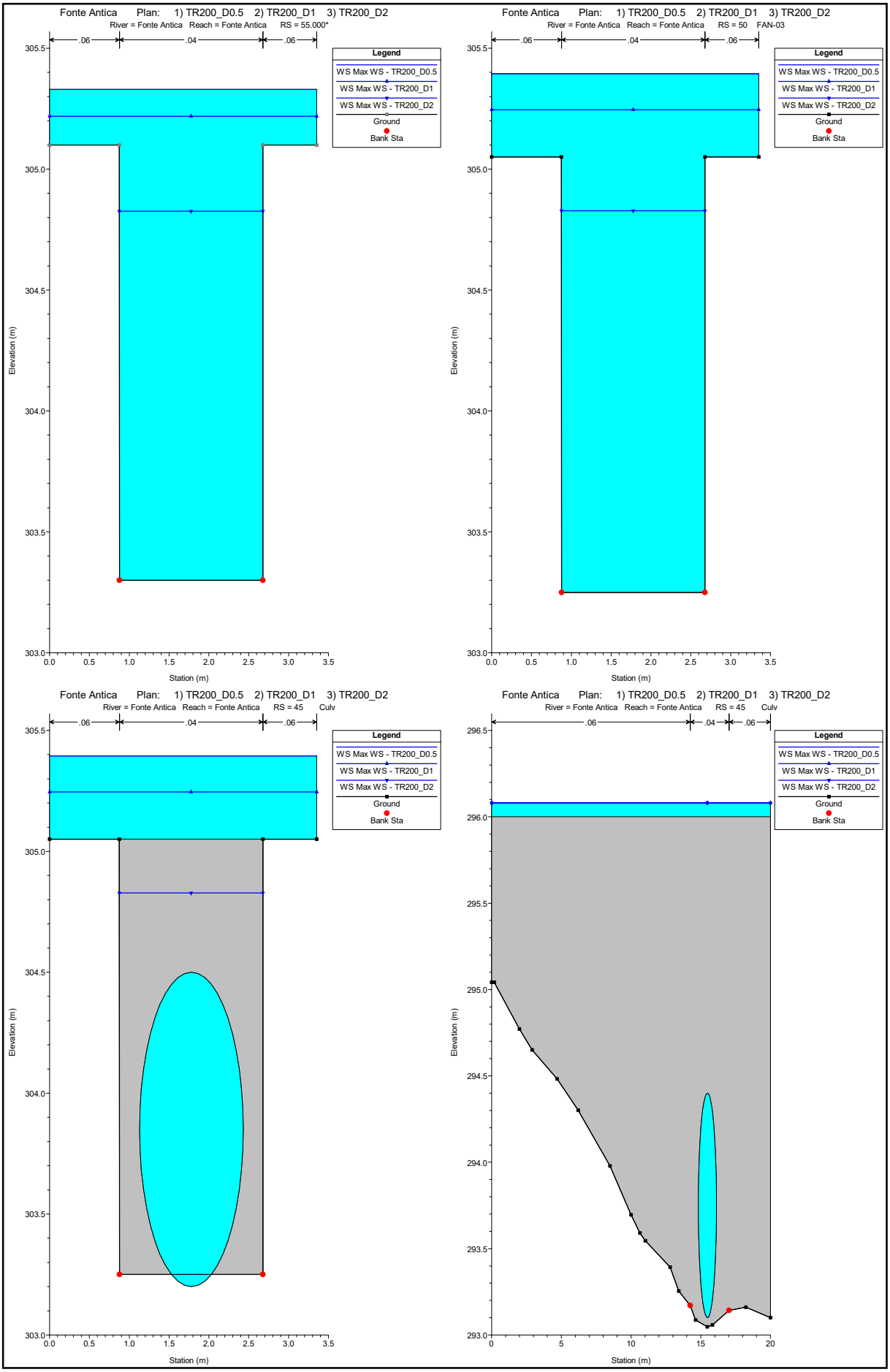
DURATE DI PIOGGIA: 0.5, 1h e 2h

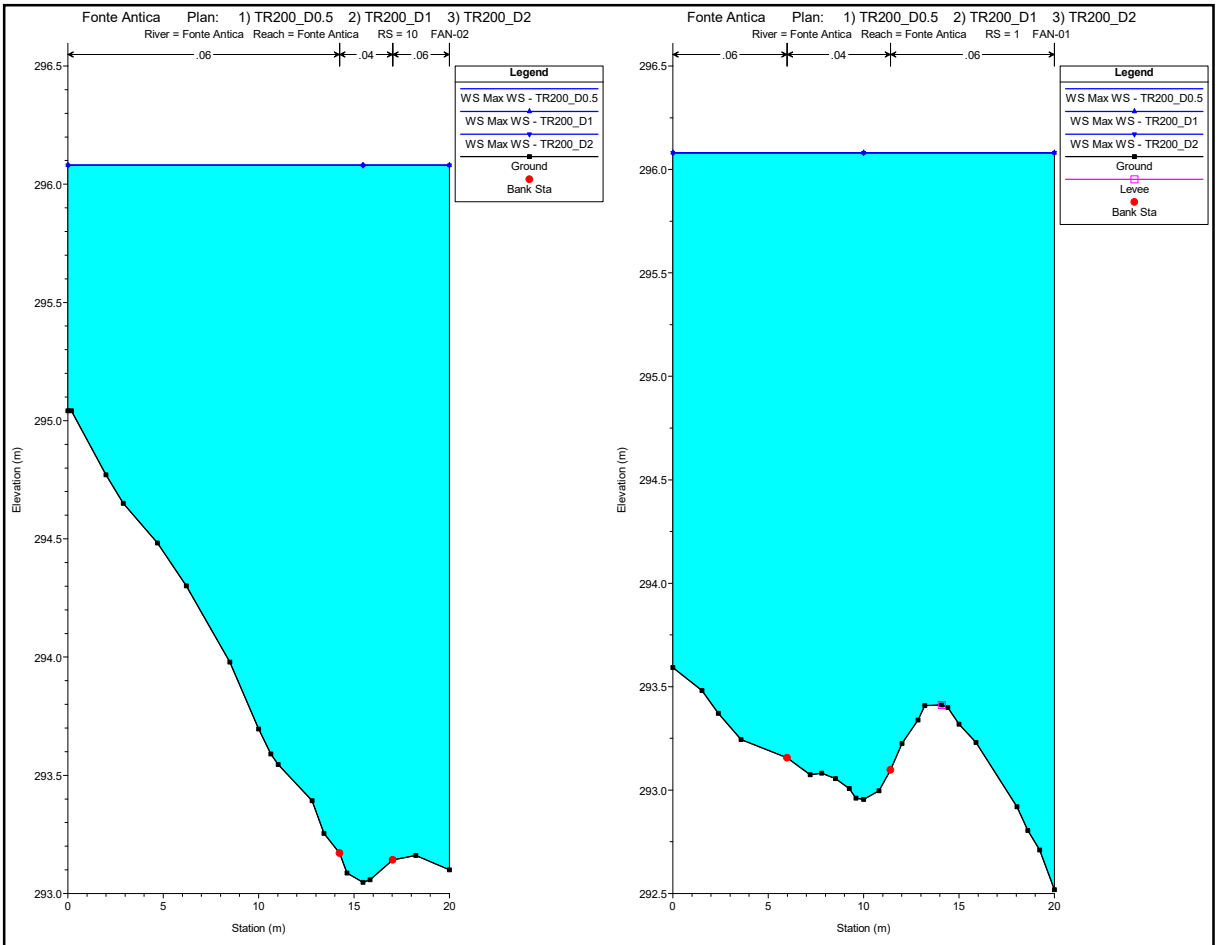
Sezioni Trasversali (da monte verso valle)


Fonte Antica Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fonte Antica Reach = Fonte Antica RS = 100 FAN-09
.06
.04
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fonte Antica Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fonte Antica Reach = Fonte Antica RS = 90 FAN-08
.06
.04
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fonte Antica Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fonte Antica Reach = Fonte Antica RS = 85.000*
.06
.04
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fonte Antica Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fonte Antica Reach = Fonte Antica RS = 80 FAN-07
.06
.04
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Fonte Antica Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fonte Antica Reach = Fonte Antica RS = 77 Culv
.06
.04
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fonte Antica Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fonte Antica Reach = Fonte Antica RS = 77 Culv
.06
.04
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fonte Antica Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fonte Antica Reach = Fonte Antica RS = 75 FAN-06
.06
.04
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fonte Antica Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fonte Antica Reach = Fonte Antica RS = 72.500*
.06
.04
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Fonte Antica Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fonte Antica Reach = Fonte Antica RS = 70 FAN-05
.06 .04 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
306.5
306.0
305.5
305.0
304.5
304.0
0.0 0.5 1.0 1.5 2.0 2.5 3.0 3.5
Station (m)
Fonte Antica Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fonte Antica Reach = Fonte Antica RS = 65 Culv
.06 .04 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
306.5
306.0
305.5
305.0
304.5
304.0
0.0 0.5 1.0 1.5 2.0 2.5 3.0 3.5
Station (m)
Fonte Antica Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fonte Antica Reach = Fonte Antica RS = 65 Culv
.06 .04 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
306.5
306.0
305.5
305.0
304.5
304.0
303.5
303.0
0.0 0.5 1.0 1.5 2.0 2.5 3.0 3.5
Station (m)
Fonte Antica Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fonte Antica Reach = Fonte Antica RS = 60 FAN-04
.06 .04 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
305.5
305.0
304.5
304.0
303.5
303.0
0.0 0.5 1.0 1.5 2.0 2.5 3.0 3.5
Station (m)


Fonte Antica Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fonte Antica Reach = Fonte Antica RS = 55.000*
.06
.04
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fonte Antica Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fonte Antica Reach = Fonte Antica RS = 50 FAN-03
Fonte Antica Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fonte Antica Reach = Fonte Antica RS = 45 Culv
Fonte Antica Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fonte Antica Reach = Fonte Antica RS = 45 Culv


Fonte Antica Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fonte Antica Reach = Fonte Antica RS = 10 FAN-02
.06
.04
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fonte Antica Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fonte Antica Reach = Fonte Antica RS = 1 FAN-01
.06
.04
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "FONTE ANTICA"

FONTE ANTICA

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 0.5, 1h e 2h

Dati idraulici

HEC-RAS River: Fonte Antica Reach: Fonte Antica Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Fonte Antica	100	Max WS	TR200_D0.5	8.00	320.01	320.65	321.08	322.48	0.228158	5.99			1.34	3.48	3.08
Fonte Antica	100	Max WS	TR200_D1	5.50	320.01	320.54	320.92	322.12	0.241465	5.55			0.99	3.03	3.10
Fonte Antica	100	Max WS	TR200_D2	3.40	320.01	320.42	320.73	321.83	0.300242	5.27			0.65	2.55	3.34
Fonte Antica	90	Max WS	TR200_D0.5	7.98	307.53	308.55	308.98	309.74	0.094298	4.84			1.65	2.10	1.74
Fonte Antica	90	Max WS	TR200_D1	5.50	307.53	308.33	308.66	309.39	0.102946	4.54			1.21	1.95	1.84
Fonte Antica	90	Max WS	TR200_D2	3.40	307.53	308.17	308.39	308.90	0.090425	3.80			0.89	1.83	1.74
Fonte Antica	85.000*	Max WS	TR200_D0.5	7.95	306.37	307.79		308.20	0.017388	2.87	0.60		2.87	2.89	0.89
Fonte Antica	85.000*	Max WS	TR200_D1	5.50	306.37	307.40	307.48	307.89	0.032790	3.12	0.55		1.80	2.58	1.17
Fonte Antica	85.000*	Max WS	TR200_D2	3.40	306.37	307.06	307.24	307.67	0.072807	3.47	0.32		0.98	2.21	1.65
Fonte Antica	84.00			Lat Struct											
Fonte Antica	80	Max WS	TR200_D0.5	7.04	305.22	307.66		307.71	0.000877	1.04	0.32	0.00	9.05	7.32	0.24
Fonte Antica	80	Max WS	TR200_D1	5.48	305.22	307.16		307.23	0.001788	1.22	0.23	0.00	5.39	7.32	0.33
Fonte Antica	80	Max WS	TR200_D2	3.40	305.22	306.54		306.64	0.004849	1.39	0.25		2.56	3.16	0.49
Fonte Antica	77			Culvert											
Fonte Antica	75	Max WS	TR200_D0.5	7.04	304.83	305.94	306.25	306.97	0.031710	4.65	1.20	0.60	1.84	2.17	1.44
Fonte Antica	75	Max WS	TR200_D1	5.48	304.83	305.76	306.03	306.70	0.036647	4.41	1.14	0.56	1.46	1.96	1.50
Fonte Antica	75	Max WS	TR200_D2	3.40	304.83	305.50	305.71	306.25	0.045095	3.90	1.02	0.49	0.99	1.78	1.57
Fonte Antica	74.98			Lat Struct											
Fonte Antica	74.9			Lat Struct											
Fonte Antica	72.500*	Max WS	TR200_D0.5	7.04	304.53	305.81	305.99	306.67	0.022802	4.17	0.75	0.46	1.93	1.98	1.22
Fonte Antica	72.500*	Max WS	TR200_D1	5.48	304.53	305.60	305.78	306.38	0.026080	3.94	0.69	0.40	1.55	1.79	1.27
Fonte Antica	72.500*	Max WS	TR200_D2	3.40	304.53	305.31	305.46	305.92	0.032616	3.49	0.61	0.34	1.05	1.65	1.34
Fonte Antica	70	Max WS	TR200_D0.5	7.04	304.23	305.71		306.37	0.015298	3.61	0.39	0.29	2.10	1.77	0.99
Fonte Antica	70	Max WS	TR200_D1	5.48	304.23	305.50		306.07	0.016485	3.34	0.35	0.24	1.73	1.67	1.00
Fonte Antica	70	Max WS	TR200_D2	3.40	304.23	305.19		305.60	0.018489	2.86	0.29	0.19	1.23	1.57	1.00
Fonte Antica	65			Culvert											
Fonte Antica	60	Max WS	TR200_D0.5	7.04	303.35	305.30		305.50	0.002627	2.00	0.11	0.10	3.74	3.35	0.46
Fonte Antica	60	Max WS	TR200_D1	5.48	303.35	305.21		305.35	0.001871	1.63	0.05	0.05	3.44	3.35	0.38
Fonte Antica	60	Max WS	TR200_D2	3.40	303.35	304.82		304.91	0.001565	1.28	0.00	0.00	2.66	1.80	0.34
Fonte Antica	59.99			Lat Struct											
Fonte Antica	59.98			Lat Struct											
Fonte Antica	55.000*	Max WS	TR200_D0.5	6.72	303.30	305.33		305.50	0.002077	1.83	0.13	0.11	4.01	3.35	0.41
Fonte Antica	55.000*	Max WS	TR200_D1	5.39	303.30	305.22		305.34	0.001630	1.56	0.08	0.07	3.64	3.35	0.36
Fonte Antica	55.000*	Max WS	TR200_D2	3.40	303.30	304.83		304.90	0.001395	1.24	0.00	0.00	2.75	1.80	0.32
Fonte Antica	50	Max WS	TR200_D0.5	5.92	303.25	305.39		305.51	0.001332	1.52	0.13	0.12	4.40	3.35	0.33
Fonte Antica	50	Max WS	TR200_D1	5.09	303.25	305.25		305.35	0.001266	1.41	0.09	0.08	3.90	3.35	0.32
Fonte Antica	50	Max WS	TR200_D2	3.40	303.25	304.83		304.90	0.001249	1.20	0.00	0.00	2.84	1.80	0.30
Fonte Antica	45			Culvert											
Fonte Antica	10	Max WS	TR200_D0.5	0.58	293.05	296.08		296.08	0.000000	0.02	0.01	0.01	44.94	20.00	0.00
Fonte Antica	10	Max WS	TR200_D1	1.72	293.05	296.08		296.08	0.000002	0.07	0.03	0.03	44.94	20.00	0.01
Fonte Antica	10	Max WS	TR200_D2	0.58	293.05	296.08		296.08	0.000000	0.02	0.01	0.01	44.94	20.00	0.00
Fonte Antica	1	Max WS	TR200_D0.5	3.98	292.95	296.08	293.40	296.08	0.000004	0.11	0.05	0.05	58.27	20.00	0.02
Fonte Antica	1	Max WS	TR200_D1	1.72	292.95	296.08	293.27	296.08	0.000001	0.05	0.02	0.02	58.27	20.00	0.01
Fonte Antica	1	Max WS	TR200_D2	0.56	292.95	296.08	293.15	296.08	0.000000	0.01	0.01	0.01	58.27	20.00	0.00

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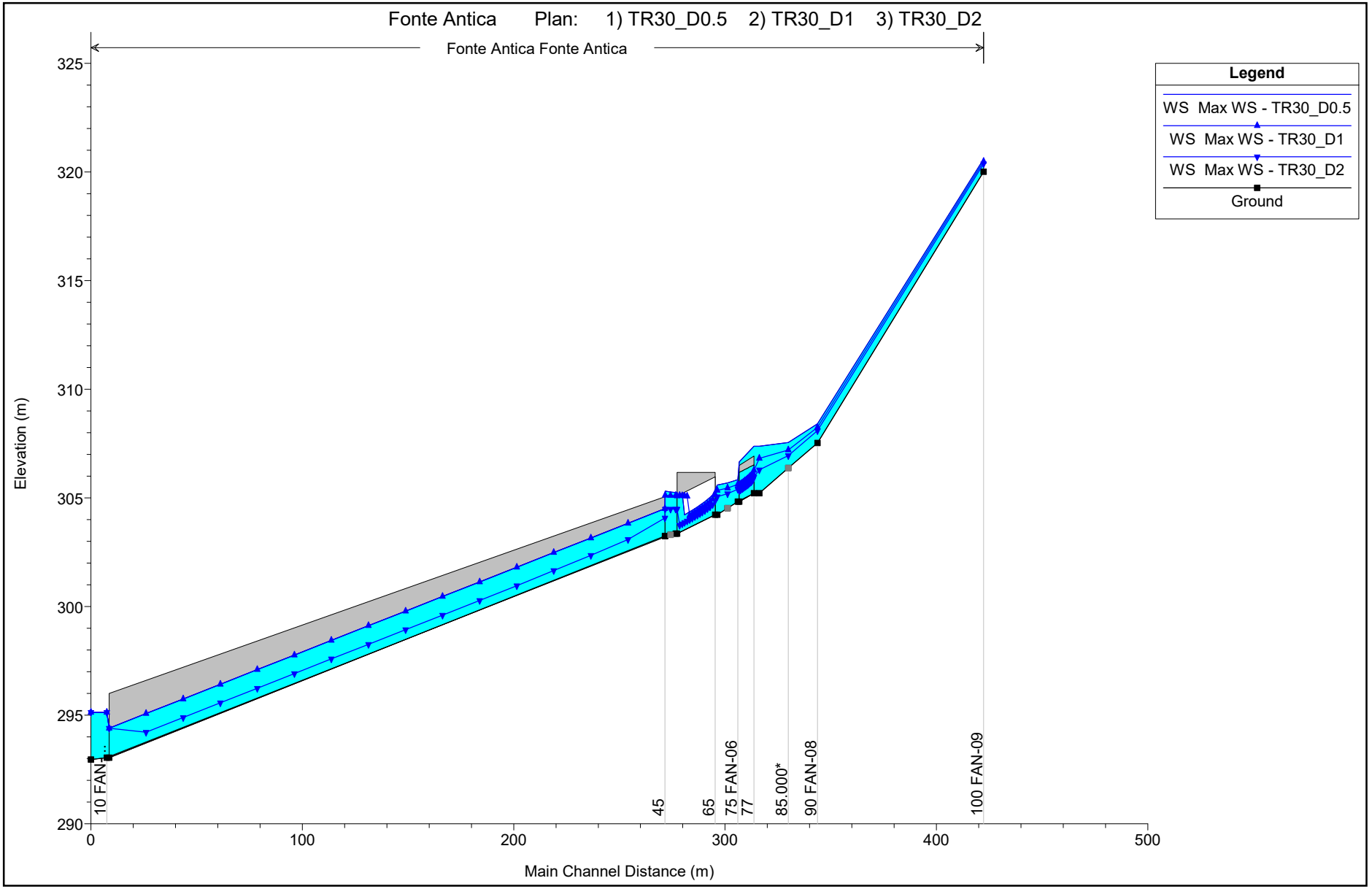
MODELLAZIONE HEC-RAS 5.0.7 "FONTE ANTICA"

FONTE ANTICA

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 0.5, 1h e 2h

Profilo longitudinale


Fonte Antica Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
Fonte Antica Fonte Antica
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Elevation (m)
325
320
315
310
305
300
295
290
0
100
200
300
400
500
Main Channel Distance (m)
10 FAN...
45
65
75 FAN-06
77
85.000*
90 FAN-08
100 FAN-09

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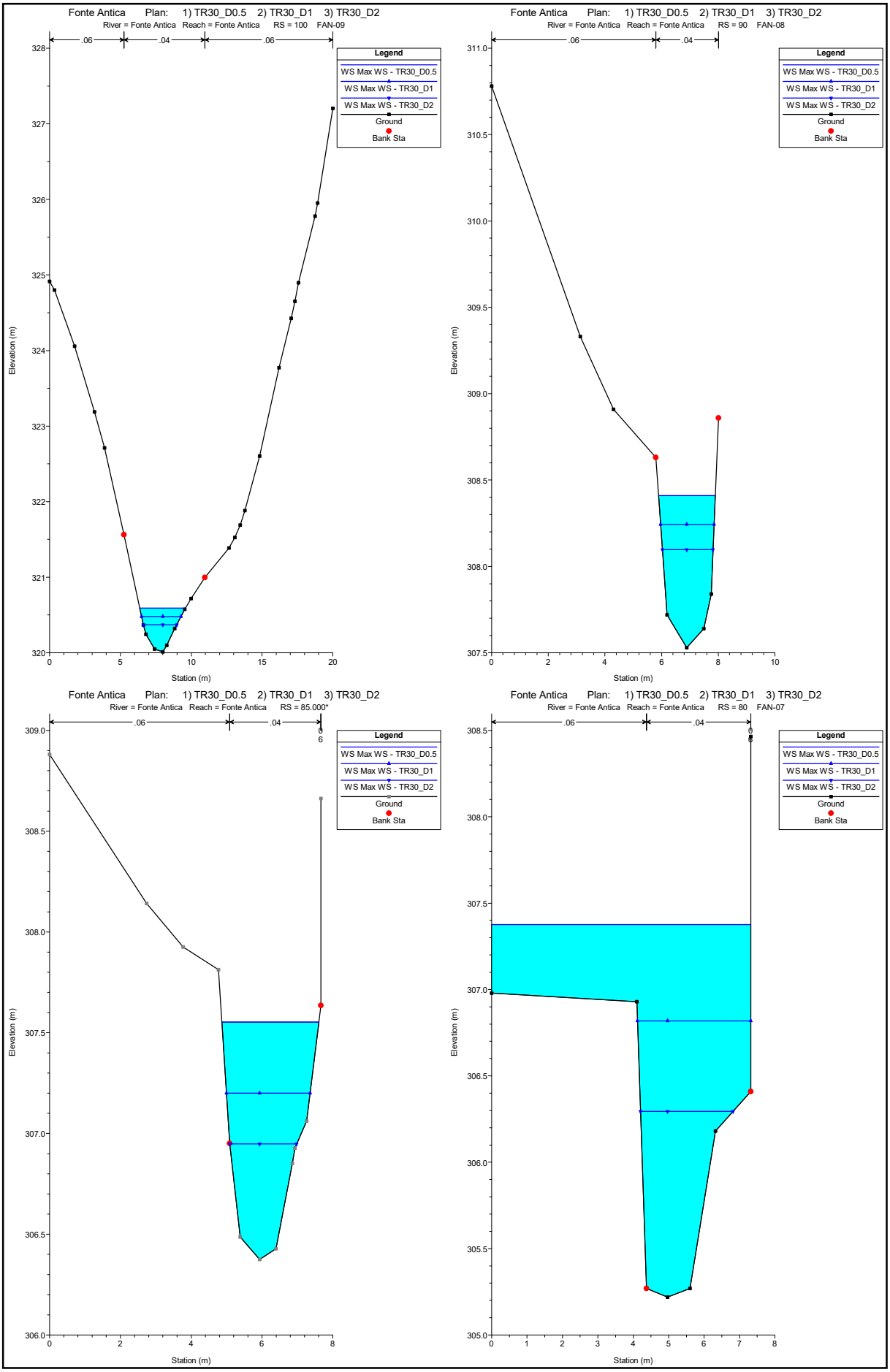
MODELLAZIONE HEC-RAS 5.0.7 "FONTE ANTICA"

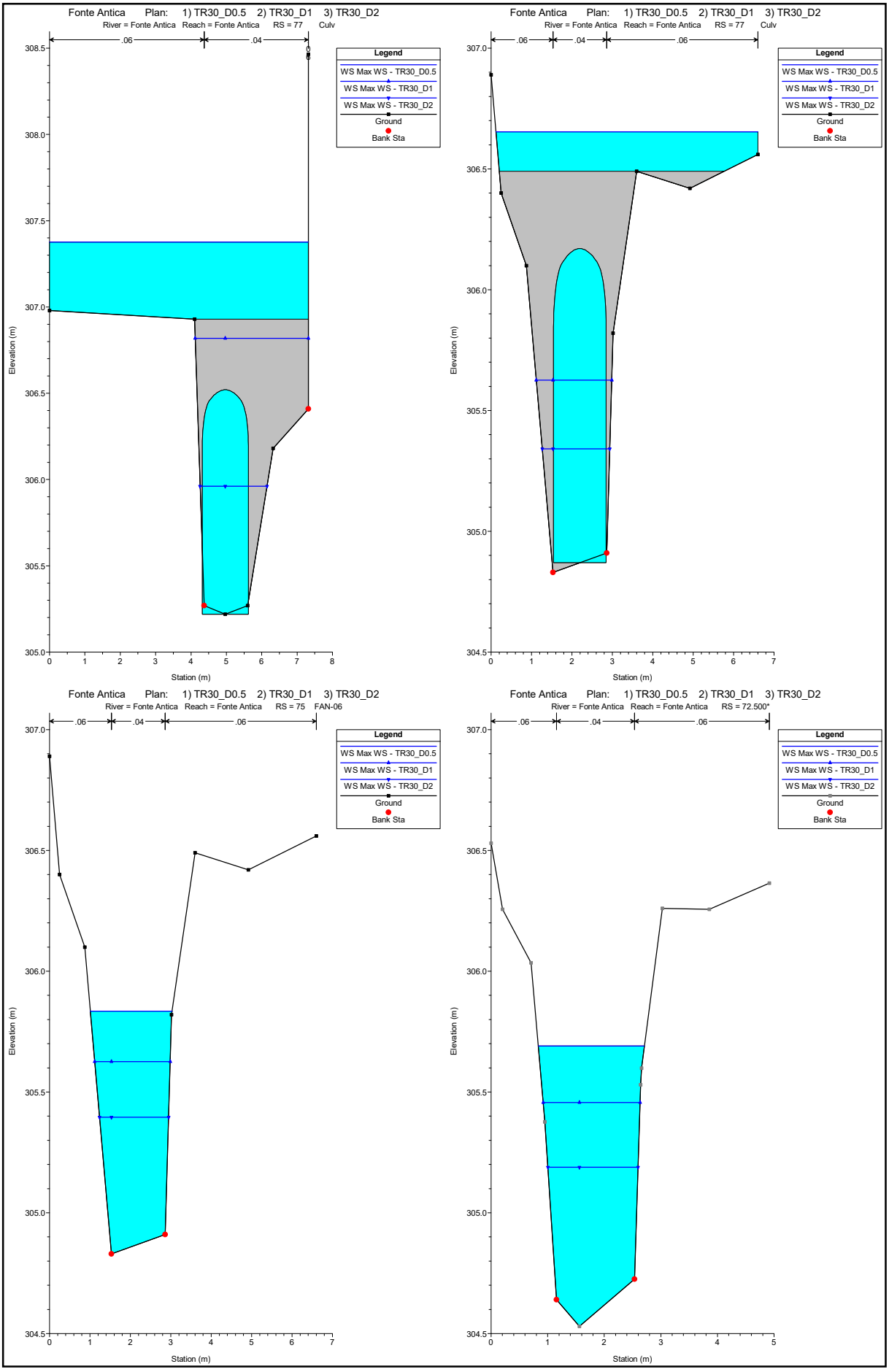
FONTE ANTICA

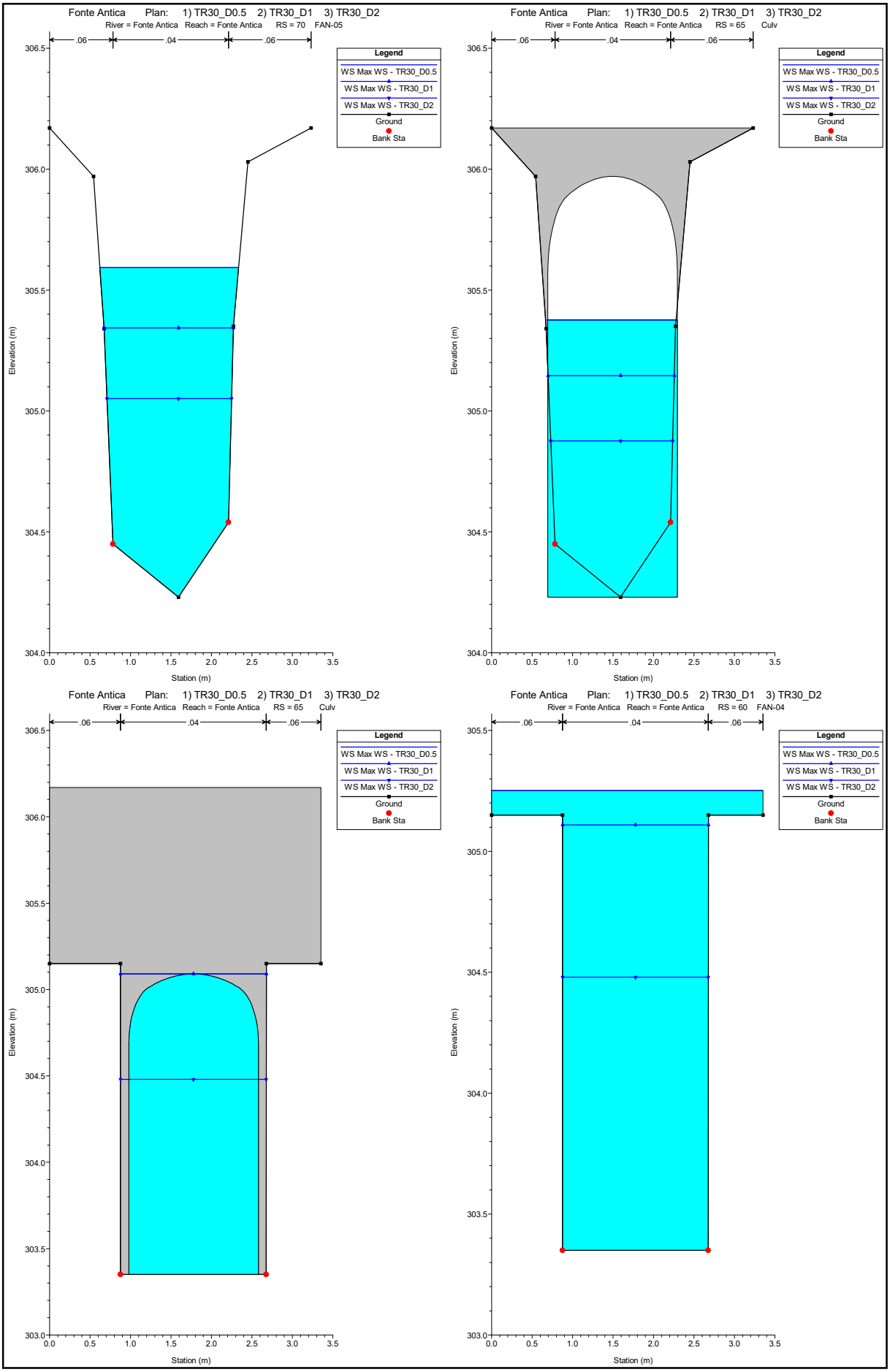
MODELLAZIONE PER TR= 30 anni

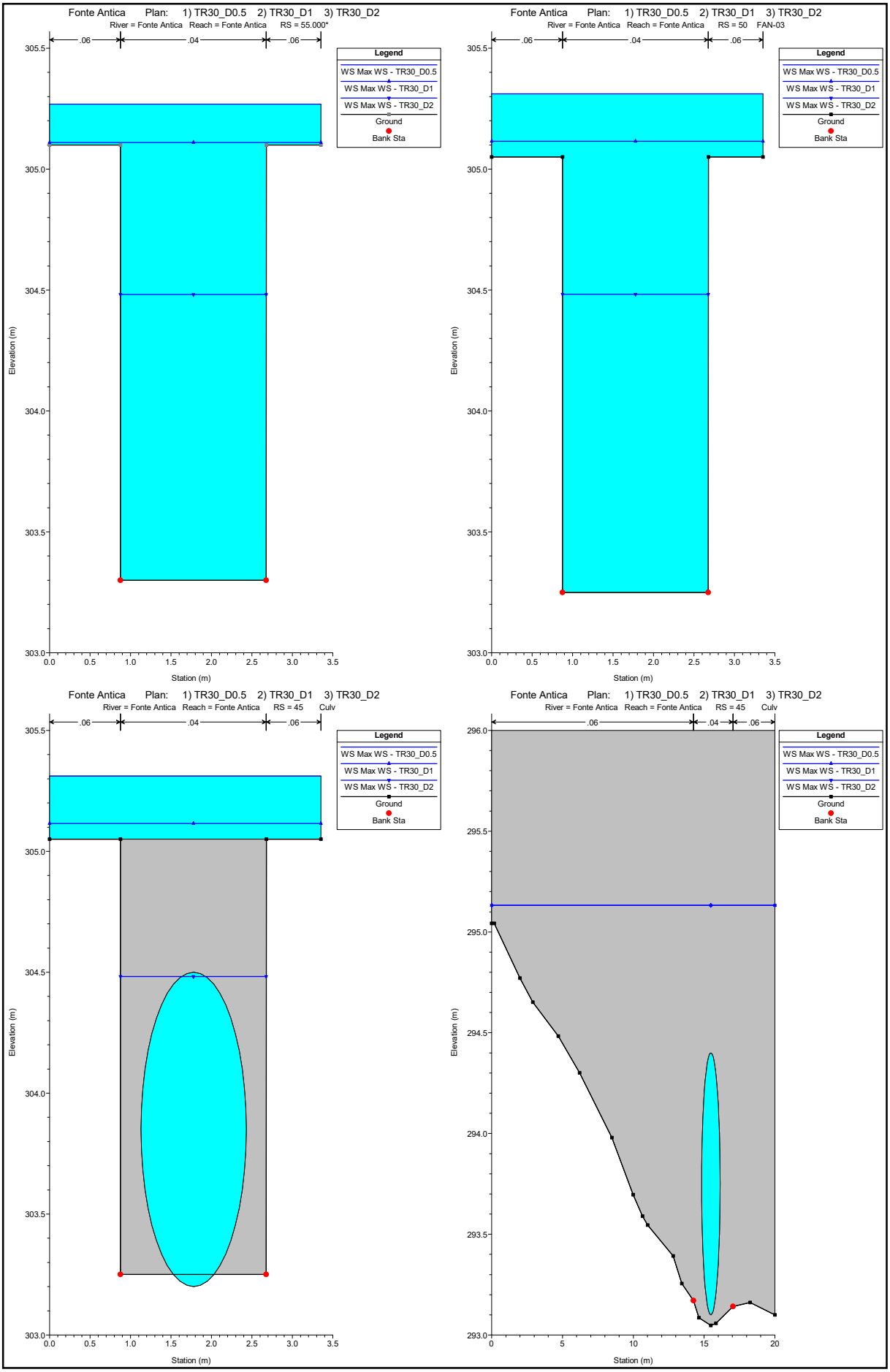
DURATE DI PIOGGIA: 0.5, 1h e 2h

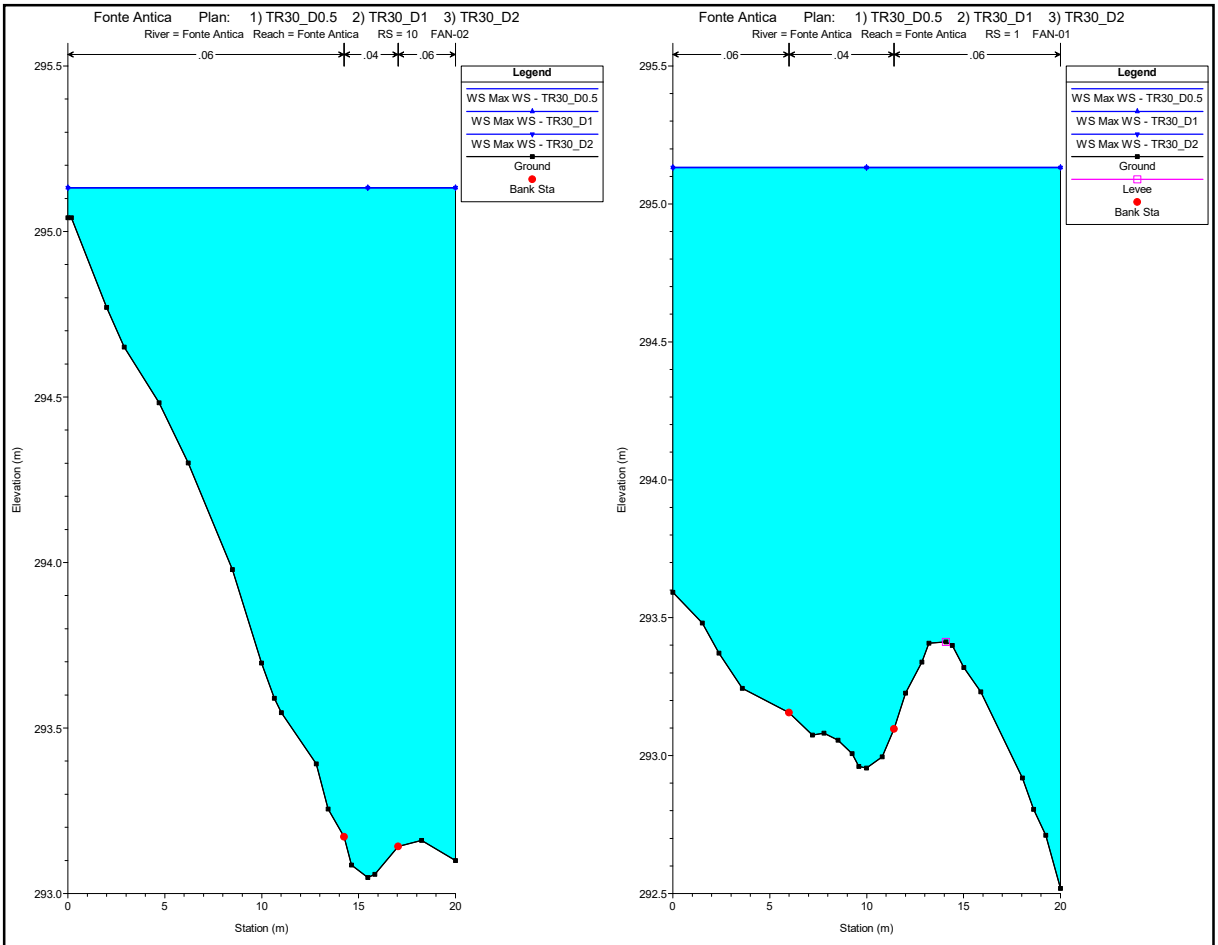
Sezioni Trasversali (da monte verso valle)


Fonte Antica Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fonte Antica Reach = Fonte Antica RS = 100 FAN-09
.06
.04
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fonte Antica Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fonte Antica Reach = Fonte Antica RS = 90 FAN-08
.06
.04
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fonte Antica Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fonte Antica Reach = Fonte Antica RS = 85.000*
.06
.04
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fonte Antica Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fonte Antica Reach = Fonte Antica RS = 80 FAN-07
.06
.04
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Fonte Antica Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fonte Antica Reach = Fonte Antica RS = 77 Culv
.06
.04
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fonte Antica Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fonte Antica Reach = Fonte Antica RS = 77 Culv
.06
.04
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fonte Antica Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fonte Antica Reach = Fonte Antica RS = 75 FAN-06
.06
.04
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fonte Antica Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fonte Antica Reach = Fonte Antica RS = 72.500*
.06
.04
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Fonte Antica Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fonte Antica Reach = Fonte Antica RS = 70 FAN-05
.06
.04
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
306.5
306.0
305.5
305.0
304.5
304.0
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
Station (m)
Fonte Antica Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fonte Antica Reach = Fonte Antica RS = 65 Culv
.06
.04
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
306.5
306.0
305.5
305.0
304.5
304.0
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
Station (m)
Fonte Antica Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fonte Antica Reach = Fonte Antica RS = 65 Culv
.06
.04
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
306.5
306.0
305.5
305.0
304.5
304.0
303.5
303.0
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
Station (m)
Fonte Antica Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fonte Antica Reach = Fonte Antica RS = 60 FAN-04
.06
.04
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
305.5
305.0
304.5
304.0
303.5
303.0
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
Station (m)


Fonte Antica Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fonte Antica Reach = Fonte Antica RS = 55.000*
.06
.04
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fonte Antica Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fonte Antica Reach = Fonte Antica RS = 50 FAN-03
Fonte Antica Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fonte Antica Reach = Fonte Antica RS = 45 Culv
Fonte Antica Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fonte Antica Reach = Fonte Antica RS = 45 Culv


Fonte Antica Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fonte Antica Reach = Fonte Antica RS = 10 FAN-02
.06
.04
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fonte Antica Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fonte Antica Reach = Fonte Antica RS = 1 FAN-01
.06
.04
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "FONTE ANTICA"

FONTE ANTICA

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 0.5, 1h e 2h

Dati idraulici

HEC-RAS River: Fonte Antica Reach: Fonte Antica Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Fonte Antica	100	Max WS	TR30_D0.5	6.40	320.01	320.59	320.98	322.19	0.222134	5.60			1.14	3.23	3.01
Fonte Antica	100	Max WS	TR30_D1	4.40	320.01	320.48	320.83	322.01	0.274313	5.48			0.80	2.78	3.25
Fonte Antica	100	Max WS	TR30_D2	2.60	320.01	320.37	320.65	321.60	0.303689	4.90			0.53	2.36	3.31
Fonte Antica	90	Max WS	TR30_D0.5	6.37	307.53	308.41	308.78	309.53	0.100636	4.68			1.36	2.00	1.81
Fonte Antica	90	Max WS	TR30_D1	4.40	307.53	308.24	308.52	309.16	0.100288	4.24			1.04	1.89	1.83
Fonte Antica	90	Max WS	TR30_D2	2.60	307.53	308.10	308.27	308.68	0.080672	3.38			0.77	1.79	1.65
Fonte Antica	85.000*	Max WS	TR30_D0.5	6.35	306.37	307.55	307.57	307.99	0.024524	2.95	0.57		2.20	2.74	1.02
Fonte Antica	85.000*	Max WS	TR30_D1	4.40	306.37	307.20	307.36	307.79	0.052741	3.40	0.47		1.30	2.37	1.44
Fonte Antica	85.000*	Max WS	TR30_D2	2.60	306.37	306.95	307.14	307.56	0.087852	3.46			0.75	1.89	1.75
Fonte Antica	84.00			Lat Struct											
Fonte Antica	80	Max WS	TR30_D0.5	6.15	305.22	307.38		307.44	0.001279	1.13	0.29	0.00	6.96	7.32	0.28
Fonte Antica	80	Max WS	TR30_D1	4.40	305.22	306.82		306.91	0.003085	1.34	0.23		3.44	3.20	0.41
Fonte Antica	80	Max WS	TR30_D2	2.60	305.22	306.29		306.41	0.007109	1.49	0.27		1.81	2.61	0.57
Fonte Antica	77			Culvert											
Fonte Antica	75	Max WS	TR30_D0.5	6.15	304.83	305.83	306.10	306.82	0.034391	4.52	1.17	0.57	1.62	2.02	1.47
Fonte Antica	75	Max WS	TR30_D1	4.40	304.83	305.63	305.87	306.48	0.040612	4.17	1.08	0.53	1.21	1.87	1.53
Fonte Antica	75	Max WS	TR30_D2	2.60	304.83	305.40	305.58	306.03	0.048837	3.59	0.95	0.45	0.80	1.71	1.58
Fonte Antica	74.98			Lat Struct											
Fonte Antica	74.9			Lat Struct											
Fonte Antica	72.500*	Max WS	TR30_D0.5	6.15	304.53	305.69	305.87	306.51	0.024526	4.04	0.72	0.42	1.71	1.88	1.25
Fonte Antica	72.500*	Max WS	TR30_D1	4.40	304.53	305.46	305.62	306.15	0.028844	3.72	0.65	0.37	1.29	1.71	1.30
Fonte Antica	72.500*	Max WS	TR30_D2	2.60	304.53	305.19	305.32	305.72	0.036689	3.25	0.56	0.31	0.85	1.59	1.37
Fonte Antica	70	Max WS	TR30_D0.5	6.15	304.23	305.59		306.20	0.015906	3.46	0.36	0.26	1.89	1.72	1.00
Fonte Antica	70	Max WS	TR30_D1	4.39	304.23	305.34		305.83	0.017318	3.11	0.32	0.21	1.48	1.60	1.00
Fonte Antica	70	Max WS	TR30_D2	2.60	304.23	305.05		305.40	0.019694	2.62	0.26	0.17	1.02	1.54	1.01
Fonte Antica	65			Culvert											
Fonte Antica	60	Max WS	TR30_D0.5	6.14	303.35	305.25		305.41	0.002180	1.79	0.08	0.07	3.58	3.35	0.41
Fonte Antica	60	Max WS	TR30_D1	4.39	303.35	305.11		305.21	0.001452	1.39	0.00	0.00	3.17	1.80	0.33
Fonte Antica	60	Max WS	TR30_D2	2.60	303.35	304.48		304.56	0.002224	1.28	0.00	0.00	2.03	1.80	0.38
Fonte Antica	59.99			Lat Struct											
Fonte Antica	59.98			Lat Struct											
Fonte Antica	55.000*	Max WS	TR30_D0.5	5.97	303.30	305.27		305.41	0.001822	1.68	0.10	0.09	3.81	3.35	0.38
Fonte Antica	55.000*	Max WS	TR30_D1	4.39	303.30	305.11		305.20	0.001318	1.35	0.01	0.01	3.28	3.35	0.32
Fonte Antica	55.000*	Max WS	TR30_D2	2.60	303.30	304.48		304.56	0.001917	1.22	0.00	0.00	2.13	1.80	0.36
Fonte Antica	50	Max WS	TR30_D0.5	5.46	303.25	305.31		305.42	0.001300	1.46	0.11	0.10	4.12	3.35	0.32
Fonte Antica	50	Max WS	TR30_D1	4.36	303.25	305.12		305.20	0.001173	1.30	0.04	0.04	3.46	3.35	0.30
Fonte Antica	50	Max WS	TR30_D2	2.60	303.25	304.48		304.55	0.001662	1.17	0.00	0.00	2.22	1.80	0.34
Fonte Antica	45			Culvert											
Fonte Antica	10	Max WS	TR30_D0.5	0.11	293.05	295.13		295.13	0.000000	0.01	0.00	0.00	25.98	20.00	0.00
Fonte Antica	10	Max WS	TR30_D1	0.11	293.05	295.13		295.13	0.000000	0.01	0.00	0.00	25.98	20.00	0.00
Fonte Antica	10	Max WS	TR30_D2	0.11	293.05	295.13		295.13	0.000000	0.01	0.00	0.00	25.98	20.00	0.00
Fonte Antica	1	Max WS	TR30_D0.5	0.10	292.95	295.13	293.05	295.13	0.000000	0.00	0.00	0.00	39.31	20.00	0.00
Fonte Antica	1	Max WS	TR30_D1	0.10	292.95	295.13	293.05	295.13	0.000000	0.00	0.00	0.00	39.31	20.00	0.00
Fonte Antica	1	Max WS	TR30_D2	0.10	292.95	295.13	293.05	295.13	0.000000	0.00	0.00	0.00	39.31	20.00	0.00

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "FOSSOMAESTA"

FOSSO MAESTA

MODELLAZIONE PER TR=30 e 200 ANNI

DURATA DI PIOGGIA: 0.5 e 1h

Profilo longitudinale

Sezioni Trasversali

Dati idraulici

ALLEGATI

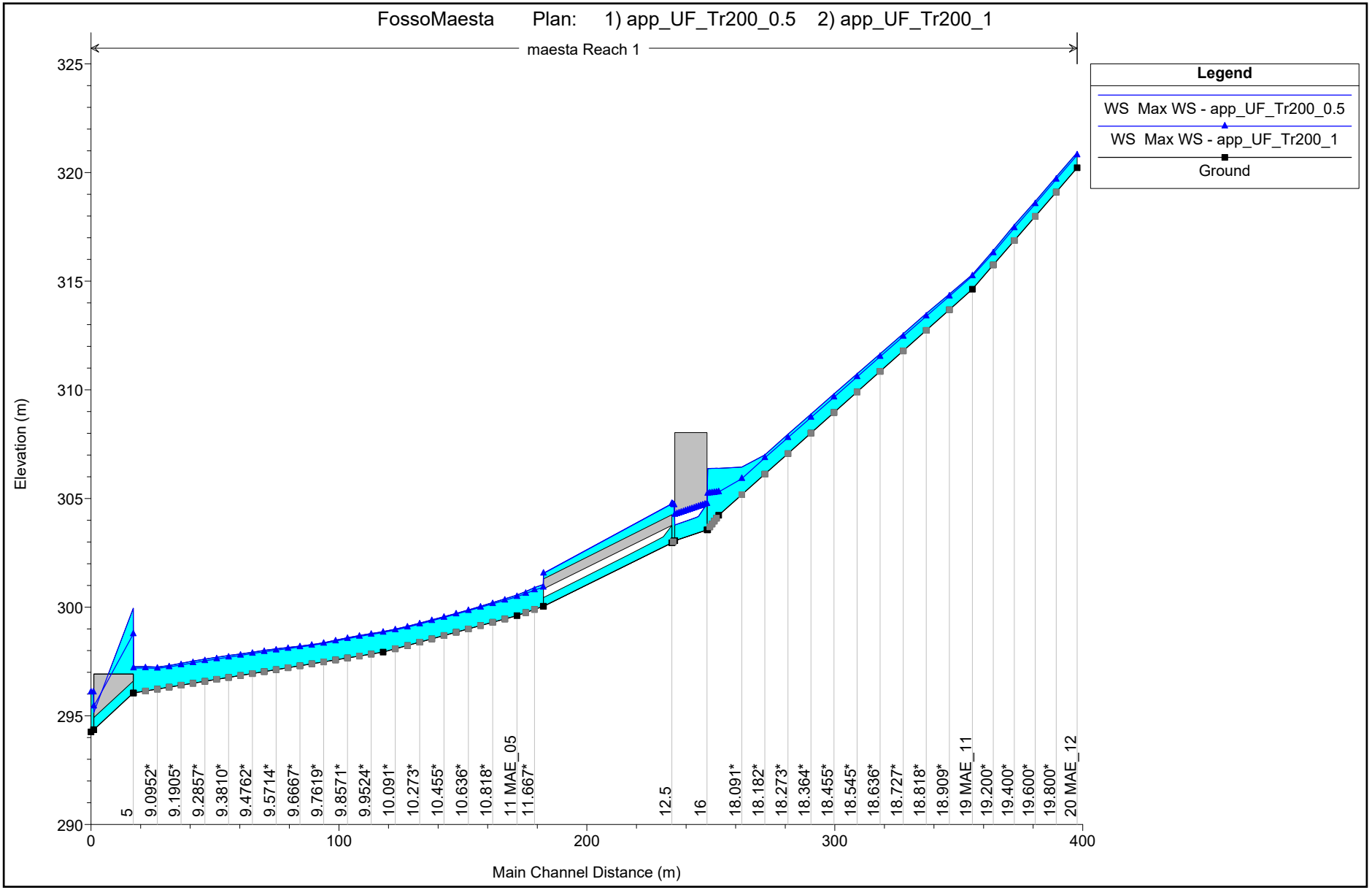
MODELLAZIONE HEC-RAS 5.0.7 "FOSSOMAESTA"

FOSSO MAESTA

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 0.5 e 1h

Profilo longitudinale


FossoMaesta Plan: 1) app_UF_Tr200_0.5 2) app_UF_Tr200_1
maesta Reach 1
Legend
WS Max WS - app_UF_Tr200_0.5
WS Max WS - app_UF_Tr200_1
Ground
Elevation (m)
Main Channel Distance (m)
325
320
315
310
305
300
295
290
0
100
200
300
400
5
9.0952*
9.1905*
9.2857*
9.3810*
9.4762*
9.5714*
9.6667*
9.7619*
9.8571*
9.9524*
10.091*
10.273*
10.455*
10.636*
10.818*
11 MAE_05
11.667*
12.5
16
18.091*
18.182*
18.273*
18.364*
18.455*
18.545*
18.636*
18.727*
18.818*
18.909*
19 MAE_11
19.200*
19.400*
19.600*
19.800*
20 MAE_12

ALLEGATI

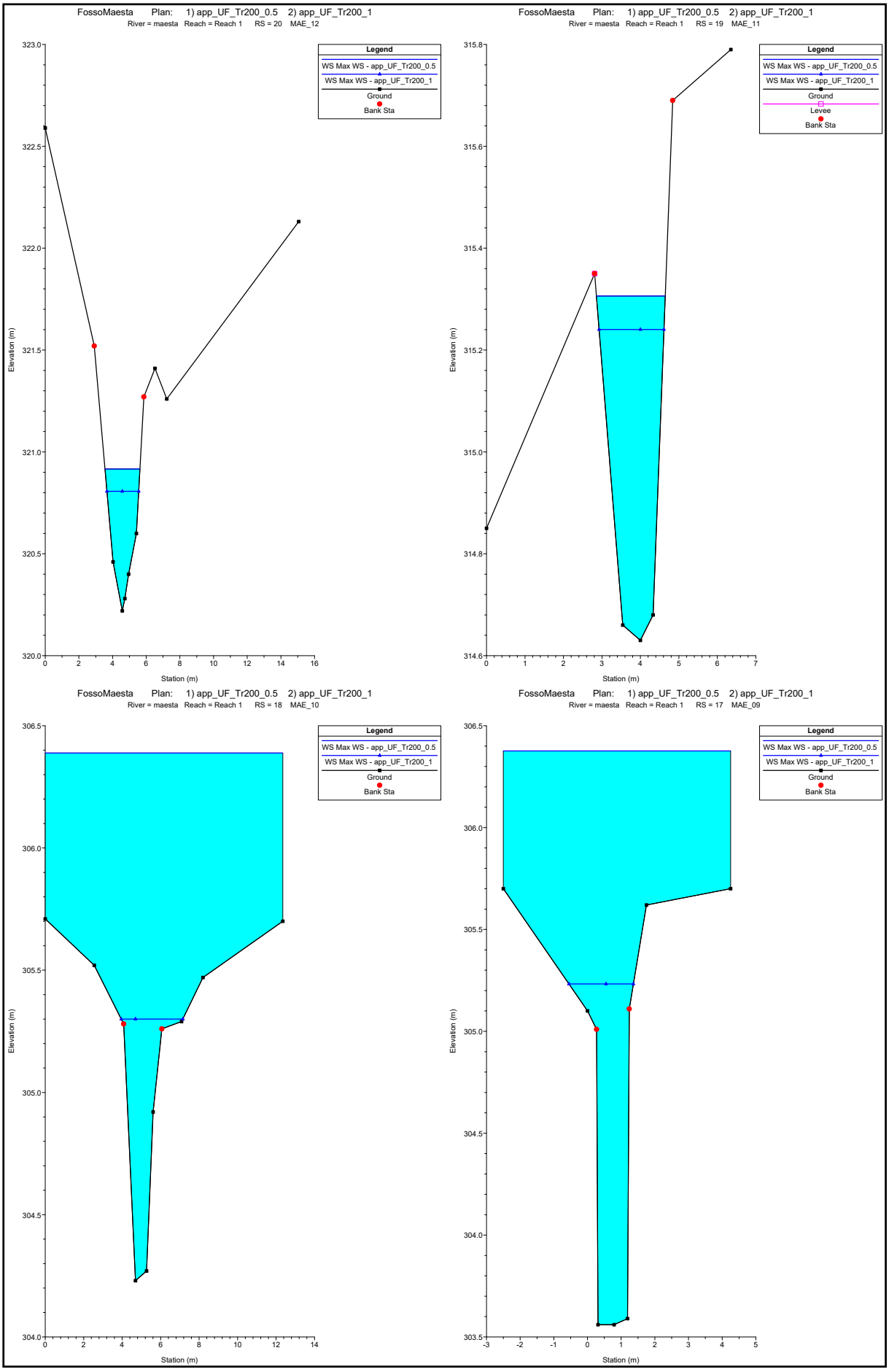
MODELLAZIONE HEC-RAS 5.0.7 "FOSSOMAESTA"

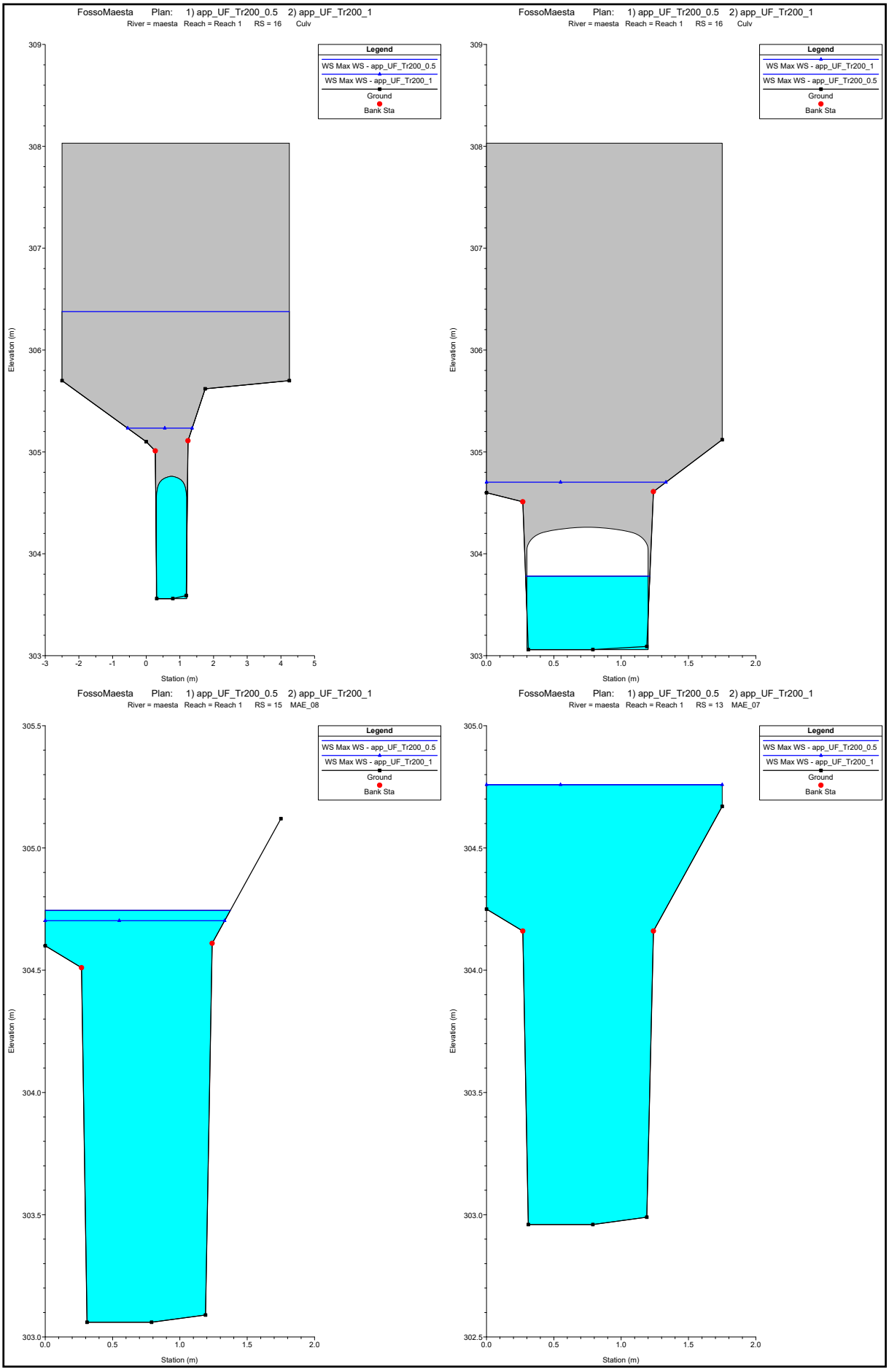
FOSSO MAESTA

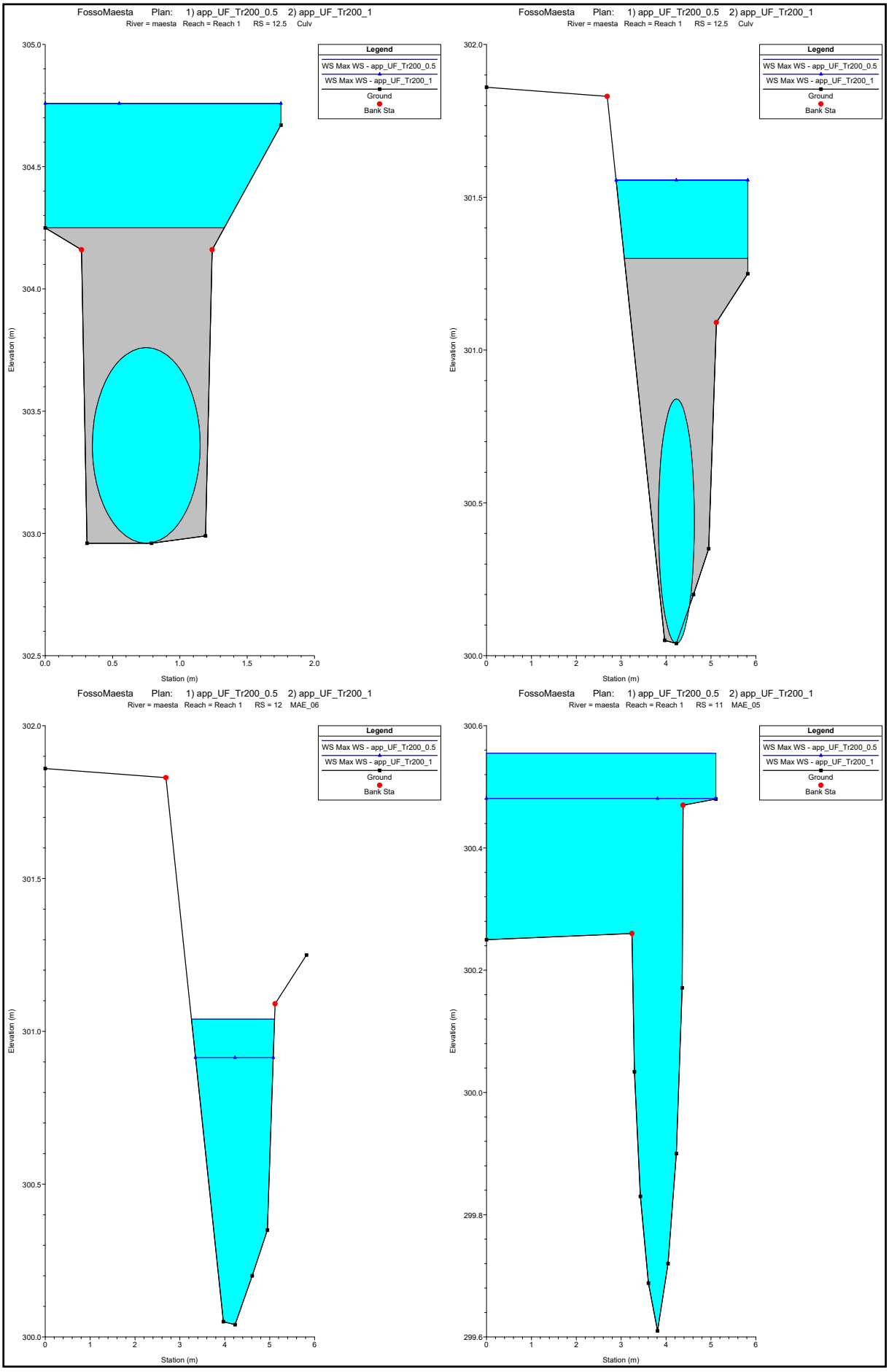
MODELLAZIONE PER TR= 200 anni

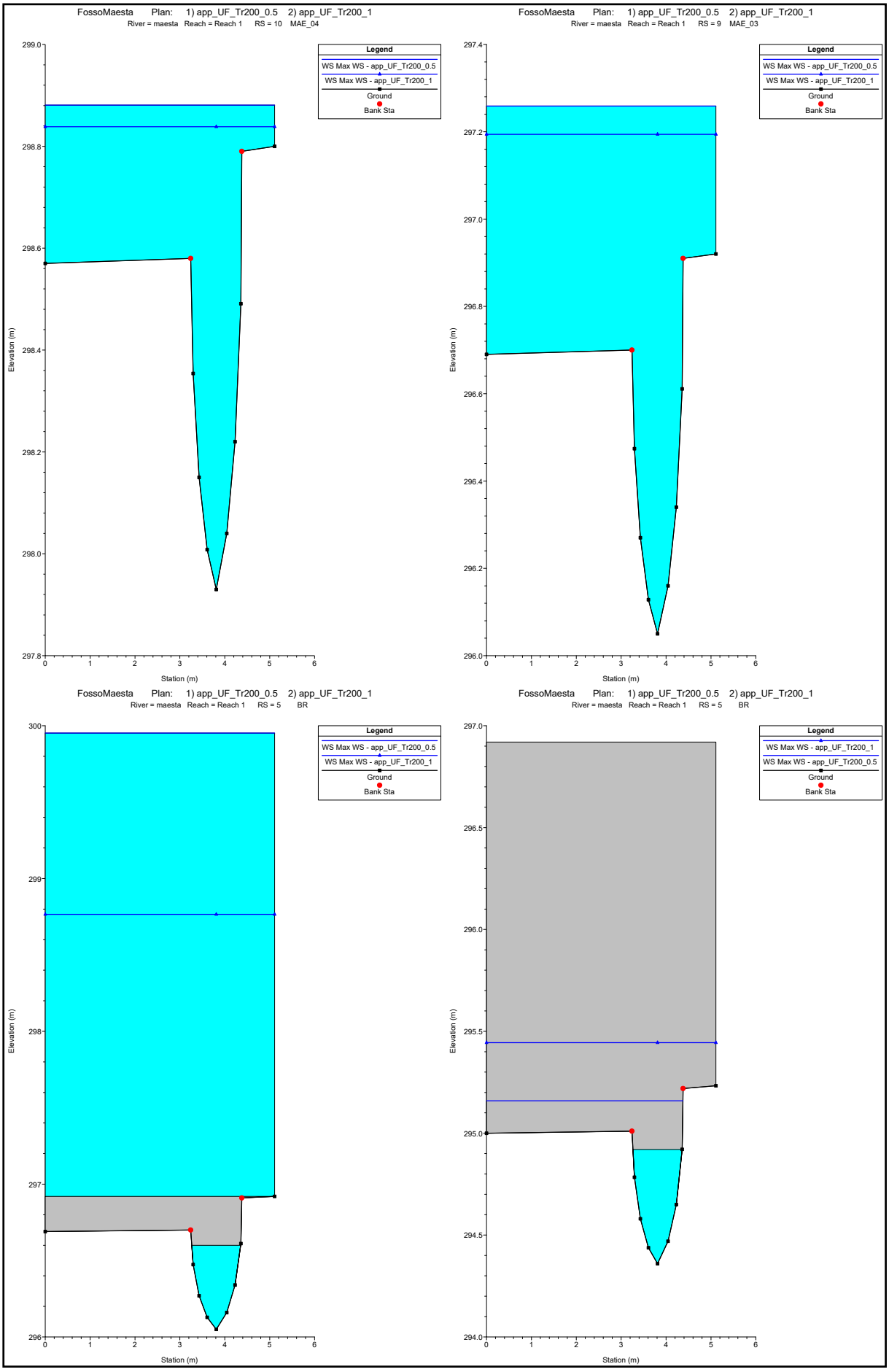
DURATE DI PIOGGIA: 0.5 e 1h

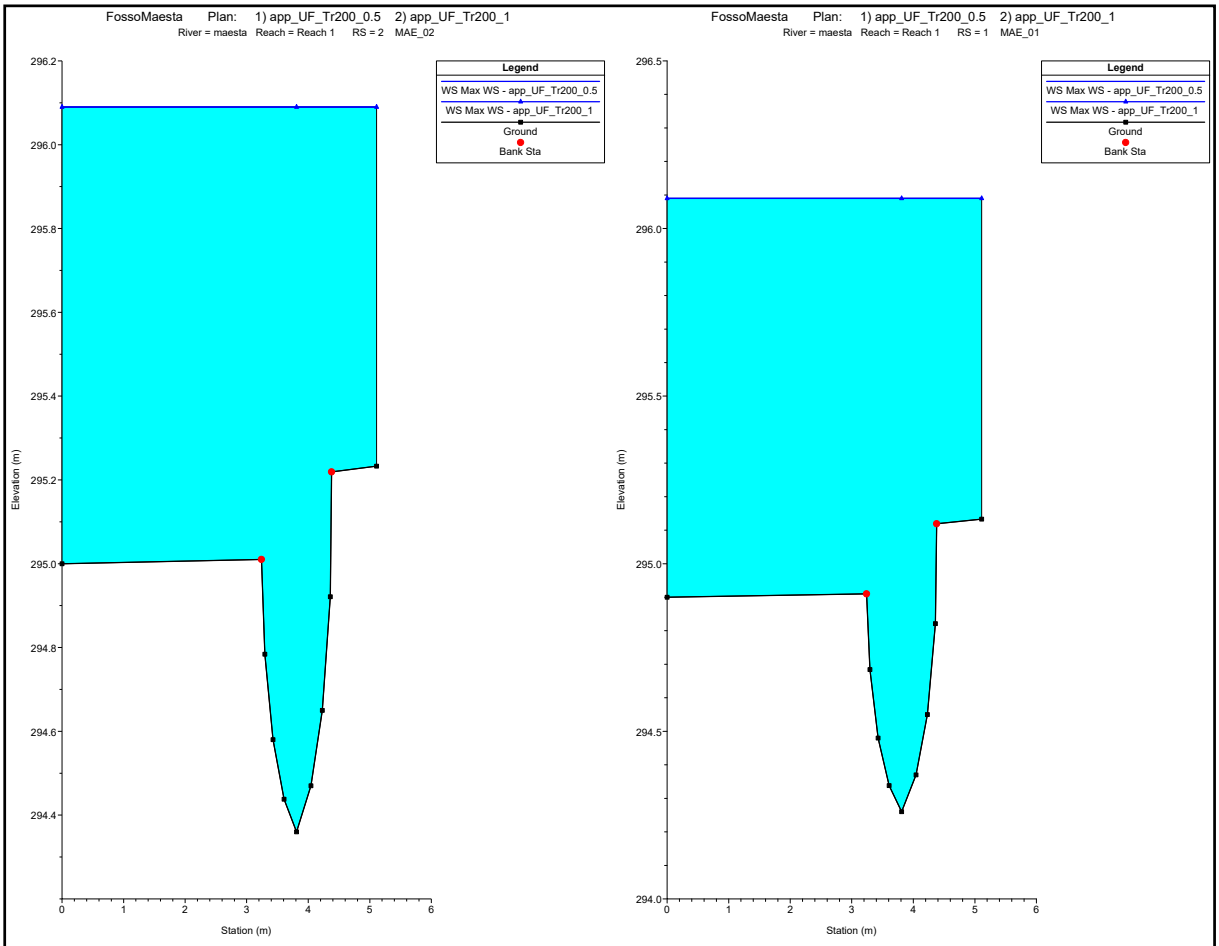
Sezioni Trasversali (da monte verso valle)


FossoMaesta Plan: 1) app_UF_Tr200_0.5 2) app_UF_Tr200_1
River = maesta Reach = Reach 1 RS = 20 MAE_12
Legend
WS Max WS - app_UF_Tr200_0.5
WS Max WS - app_UF_Tr200_1
Ground
Bank Sta
Elevation (m)
Station (m)
FossoMaesta Plan: 1) app_UF_Tr200_0.5 2) app_UF_Tr200_1
River = maesta Reach = Reach 1 RS = 19 MAE_11
Legend
WS Max WS - app_UF_Tr200_0.5
WS Max WS - app_UF_Tr200_1
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
FossoMaesta Plan: 1) app_UF_Tr200_0.5 2) app_UF_Tr200_1
River = maesta Reach = Reach 1 RS = 18 MAE_10
Legend
WS Max WS - app_UF_Tr200_0.5
WS Max WS - app_UF_Tr200_1
Ground
Bank Sta
Elevation (m)
Station (m)
FossoMaesta Plan: 1) app_UF_Tr200_0.5 2) app_UF_Tr200_1
River = maesta Reach = Reach 1 RS = 17 MAE_09
Legend
WS Max WS - app_UF_Tr200_0.5
WS Max WS - app_UF_Tr200_1
Ground
Bank Sta
Elevation (m)
Station (m)


FossoMaesta Plan: 1) app_UF_Tr200_0.5 2) app_UF_Tr200_1
River = maesta Reach = Reach 1 RS = 16 Culv
Legend
WS Max WS - app_UF_Tr200_0.5
WS Max WS - app_UF_Tr200_1
Ground
Bank Sta
Elevation (m)
Station (m)
FossoMaesta Plan: 1) app_UF_Tr200_0.5 2) app_UF_Tr200_1
River = maesta Reach = Reach 1 RS = 16 Culv
Legend
WS Max WS - app_UF_Tr200_1
WS Max WS - app_UF_Tr200_0.5
Ground
Bank Sta
Elevation (m)
Station (m)
FossoMaesta Plan: 1) app_UF_Tr200_0.5 2) app_UF_Tr200_1
River = maesta Reach = Reach 1 RS = 15 MAE_08
Legend
WS Max WS - app_UF_Tr200_0.5
WS Max WS - app_UF_Tr200_1
Ground
Bank Sta
Elevation (m)
Station (m)
FossoMaesta Plan: 1) app_UF_Tr200_0.5 2) app_UF_Tr200_1
River = maesta Reach = Reach 1 RS = 13 MAE_07
Legend
WS Max WS - app_UF_Tr200_0.5
WS Max WS - app_UF_Tr200_1
Ground
Bank Sta
Elevation (m)
Station (m)


FossoMaesta Plan: 1) app_UF_Tr200_0.5 2) app_UF_Tr200_1
River = maesta Reach = Reach 1 RS = 12.5 Culv
Legend
WS Max WS - app_UF_Tr200_0.5
WS Max WS - app_UF_Tr200_1
Ground
Bank Sta
Elevation (m)
Station (m)
FossoMaesta Plan: 1) app_UF_Tr200_0.5 2) app_UF_Tr200_1
River = maesta Reach = Reach 1 RS = 12.5 Culv
Legend
WS Max WS - app_UF_Tr200_0.5
WS Max WS - app_UF_Tr200_1
Ground
Bank Sta
Elevation (m)
Station (m)
FossoMaesta Plan: 1) app_UF_Tr200_0.5 2) app_UF_Tr200_1
River = maesta Reach = Reach 1 RS = 12 MAE_06
Legend
WS Max WS - app_UF_Tr200_0.5
WS Max WS - app_UF_Tr200_1
Ground
Bank Sta
Elevation (m)
Station (m)
FossoMaesta Plan: 1) app_UF_Tr200_0.5 2) app_UF_Tr200_1
River = maesta Reach = Reach 1 RS = 11 MAE_05
Legend
WS Max WS - app_UF_Tr200_0.5
WS Max WS - app_UF_Tr200_1
Ground
Bank Sta
Elevation (m)
Station (m)


FossoMaesta Plan: 1) app_UF_Tr200_0.5 2) app_UF_Tr200_1
River = maesta Reach = Reach 1 RS = 10 MAE_04
Legend
WS Max WS - app_UF_Tr200_0.5
WS Max WS - app_UF_Tr200_1
Ground
Bank Sta
Elevation (m)
Station (m)
FossoMaesta Plan: 1) app_UF_Tr200_0.5 2) app_UF_Tr200_1
River = maesta Reach = Reach 1 RS = 9 MAE_03
Legend
WS Max WS - app_UF_Tr200_0.5
WS Max WS - app_UF_Tr200_1
Ground
Bank Sta
Elevation (m)
Station (m)
FossoMaesta Plan: 1) app_UF_Tr200_0.5 2) app_UF_Tr200_1
River = maesta Reach = Reach 1 RS = 5 BR
Legend
WS Max WS - app_UF_Tr200_0.5
WS Max WS - app_UF_Tr200_1
Ground
Bank Sta
Elevation (m)
Station (m)
FossoMaesta Plan: 1) app_UF_Tr200_0.5 2) app_UF_Tr200_1
River = maesta Reach = Reach 1 RS = 5 BR
Legend
WS Max WS - app_UF_Tr200_1
WS Max WS - app_UF_Tr200_0.5
Ground
Bank Sta
Elevation (m)
Station (m)


FossoMaesta Plan: 1) app_UF_Tr200_0.5 2) app_UF_Tr200_1
River = maesta Reach = Reach 1 RS = 2 MAE_02
Legend
WS Max WS - app_UF_Tr200_0.5
WS Max WS - app_UF_Tr200_1
Ground
Bank Sta
Elevation (m)
Station (m)
FossoMaesta Plan: 1) app_UF_Tr200_0.5 2) app_UF_Tr200_1
River = maesta Reach = Reach 1 RS = 1 MAE_01
Legend
WS Max WS - app_UF_Tr200_0.5
WS Max WS - app_UF_Tr200_1
Ground
Bank Sta
Elevation (m)
Station (m)

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "FOSSOMAESTA"

FOSSO MAESTA

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 0.5 e 1h

Dati idraulici

HEC-RAS River: maesta Reach: Reach 1 Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Reach 1	20	Max WS	app_UF_Tr200_0.5	4.60	320.22	320.92	321.30	322.30	0.138514	5.22			0.88	2.08	2.56
Reach 1	20	Max WS	app_UF_Tr200_1	3.10	320.22	320.81	321.12	321.92	0.137672	4.67			0.66	1.89	2.51
Reach 1	19	Max WS	app_UF_Tr200_0.5	4.59	314.63	315.31	315.53	316.84	0.152362	5.48			0.84	1.79	2.56
Reach 1	19	Max WS	app_UF_Tr200_1	3.10	314.63	315.24	315.42	316.17	0.102716	4.28			0.72	1.69	2.09
Reach 1	18.3			Lat Struct											
Reach 1	18.29			Lat Struct											
Reach 1	18	Max WS	app_UF_Tr200_0.5	3.20	304.23	306.39		306.39	0.000189	0.42	0.19	0.20	12.51	12.35	0.10
Reach 1	18	Max WS	app_UF_Tr200_1	3.10	304.23	305.30	305.32	305.60	0.023457	2.42	0.12	0.21	1.30	3.20	0.96
Reach 1	17	Max WS	app_UF_Tr200_0.5	4.13	303.56	306.38		306.39	0.001071	0.73	0.47	0.38	7.76	6.75	0.14
Reach 1	17	Max WS	app_UF_Tr200_1	3.10	303.56	305.23		305.43	0.016140	1.98	0.45	0.26	1.64	1.92	0.50
Reach 1	16			Culvert											
Reach 1	15	Max WS	app_UF_Tr200_0.5	4.12	303.06	304.74		305.09	0.028018	2.62	0.68	0.37	1.62	1.37	0.66
Reach 1	15	Max WS	app_UF_Tr200_1	2.87	303.06	304.70		304.88	0.014903	1.88	0.45	0.21	1.56	1.33	0.48
Reach 1	14.99			Lat Struct											
Reach 1	14.98			Lat Struct											
Reach 1	13	Max WS	app_UF_Tr200_0.5	2.71	302.96	304.76		304.87	0.006809	1.52	0.45	0.50	2.01	1.75	0.37
Reach 1	13	Max WS	app_UF_Tr200_1	2.71	302.96	304.76		304.87	0.006810	1.52	0.45	0.50	2.01	1.75	0.37
Reach 1	12.5			Culvert											
Reach 1	12	Max WS	app_UF_Tr200_0.5	3.97	300.04	301.04	301.14	301.53	0.036733	3.12			1.27	1.85	1.20
Reach 1	12	Max WS	app_UF_Tr200_1	2.95	300.04	300.91	300.98	301.32	0.033758	2.81			1.05	1.73	1.15
Reach 1	11.65			Lat Struct											
Reach 1	11.64			Lat Struct											
Reach 1	11	Max WS	app_UF_Tr200_0.5	3.89	299.61	300.56	300.65	300.89	0.035742	3.02	1.33	0.55	1.88	5.11	1.11
Reach 1	11	Max WS	app_UF_Tr200_1	2.94	299.61	300.48	300.57	300.78	0.034978	2.78	1.10	0.10	1.50	5.11	1.08
Reach 1	10	Max WS	app_UF_Tr200_0.5	2.90	297.93	298.88	298.88	299.06	0.019076	2.21	0.98	0.42	1.91	5.11	0.82
Reach 1	10	Max WS	app_UF_Tr200_1	2.50	297.93	298.84	298.85	299.01	0.019064	2.13	0.90	0.27	1.69	5.11	0.81
Reach 1	9.97			Lat Struct											
Reach 1	9	Max WS	app_UF_Tr200_0.5	2.17	296.05	297.26	296.93	297.29	0.002568	0.99	0.52	0.32	3.23	5.11	0.31
Reach 1	9	Max WS	app_UF_Tr200_1	1.80	296.05	297.19	296.89	297.22	0.002414	0.92	0.47	0.28	2.90	5.11	0.30
Reach 1	5			Bridge											
Reach 1	2	Max WS	app_UF_Tr200_0.5	0.20	294.36	296.09		296.09	0.000004	0.05	0.03	0.02	5.89	5.11	0.01
Reach 1	2	Max WS	app_UF_Tr200_1	0.19	294.36	296.09		296.09	0.000003	0.05	0.03	0.02	5.89	5.11	0.01
Reach 1	1	Max WS	app_UF_Tr200_0.5	0.12	294.26	296.09	294.49	296.09	0.000001	0.03	0.02	0.01	6.40	5.11	0.01
Reach 1	1	Max WS	app_UF_Tr200_1	0.12	294.26	296.09	294.49	296.09	0.000001	0.03	0.02	0.01	6.40	5.11	0.01

ALLEGATI

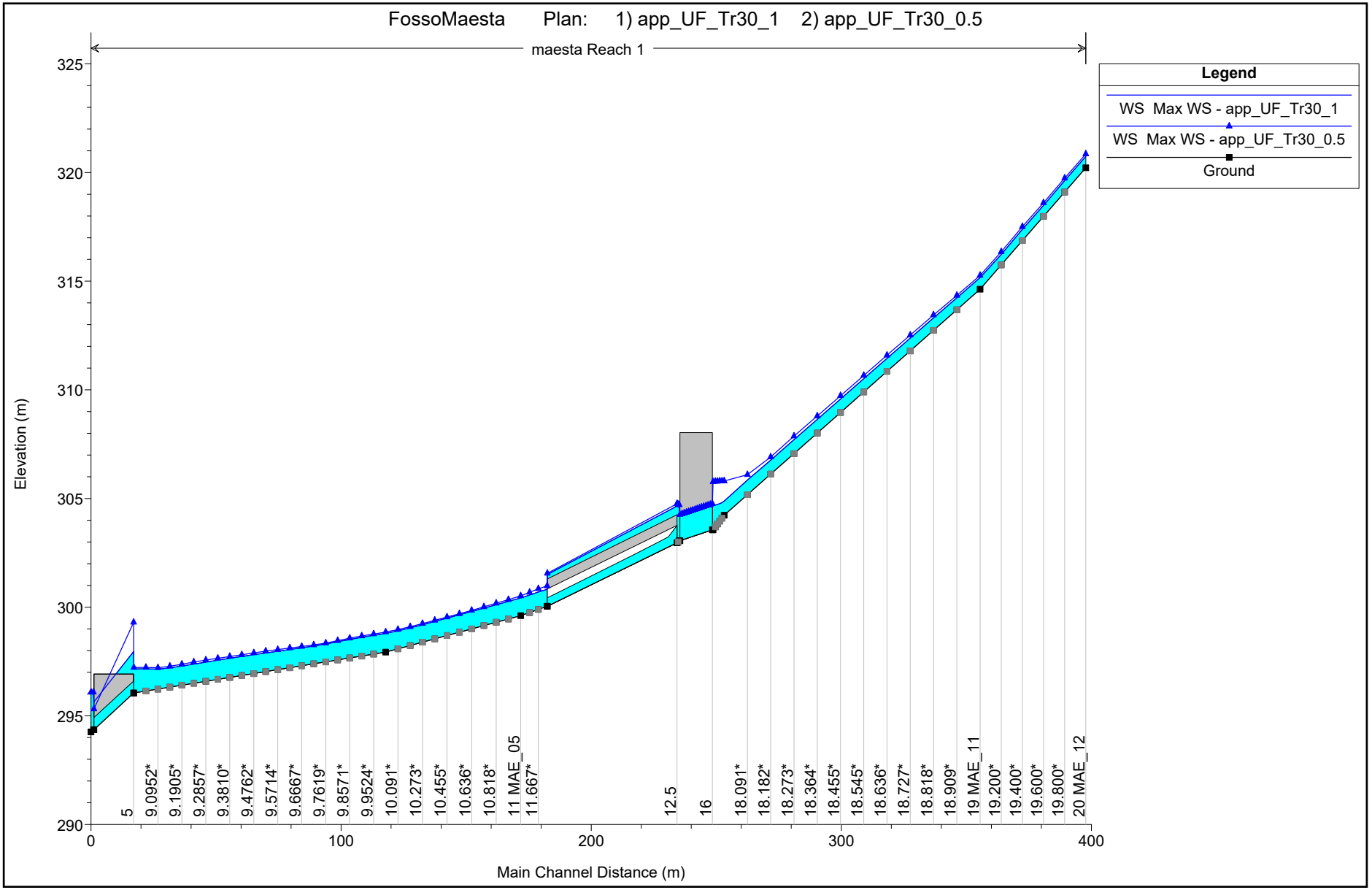
MODELLAZIONE HEC-RAS 5.0.7 "FOSSOMAESTA"

FOSSO MAESTA

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 0.5 e 1h

Profilo longitudinale


FossoMaesta Plan: 1) app_UF_Tr30_1 2) app_UF_Tr30_0.5
maesta Reach 1
Legend
WS Max WS - app_UF_Tr30_1
WS Max WS - app_UF_Tr30_0.5
Ground
Elevation (m)
Main Channel Distance (m)
325
320
315
310
305
300
295
290
0
100
200
300
400
5
9.0952*
9.1905*
9.2857*
9.3810*
9.4762*
9.5714*
9.6667*
9.7619*
9.8571*
9.9524*
10.091*
10.273*
10.455*
10.636*
10.818*
11 MAE_05
11.667*
12.5
16
18.091*
18.182*
18.273*
18.364*
18.455*
18.545*
18.636*
18.727*
18.818*
18.909*
19 MAE_11
19.200*
19.400*
19.600*
19.800*
20 MAE_12

ALLEGATI

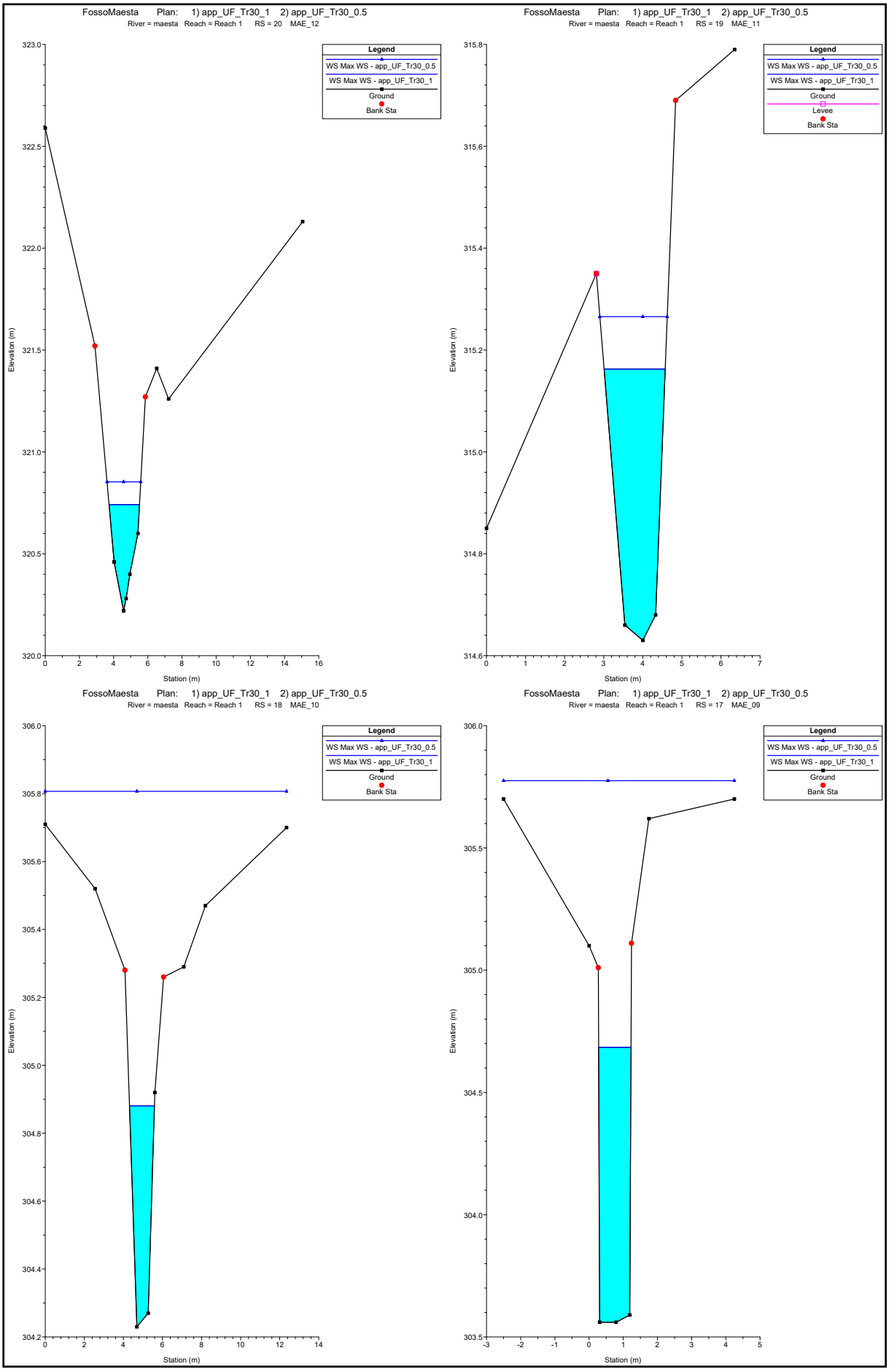
MODELLAZIONE HEC-RAS 5.0.7 "FOSSOMAESTA"

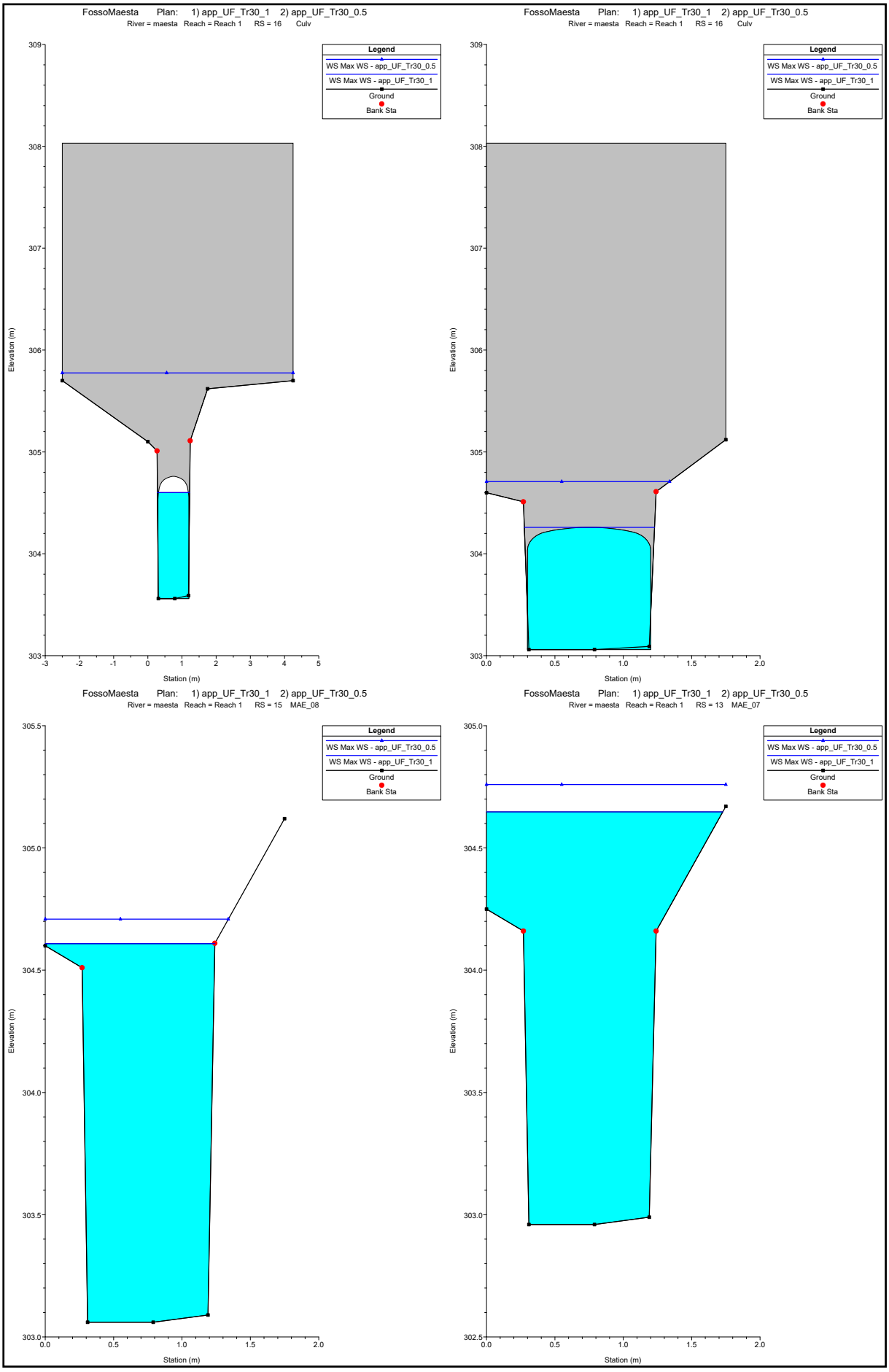
FOSSO MAESTA

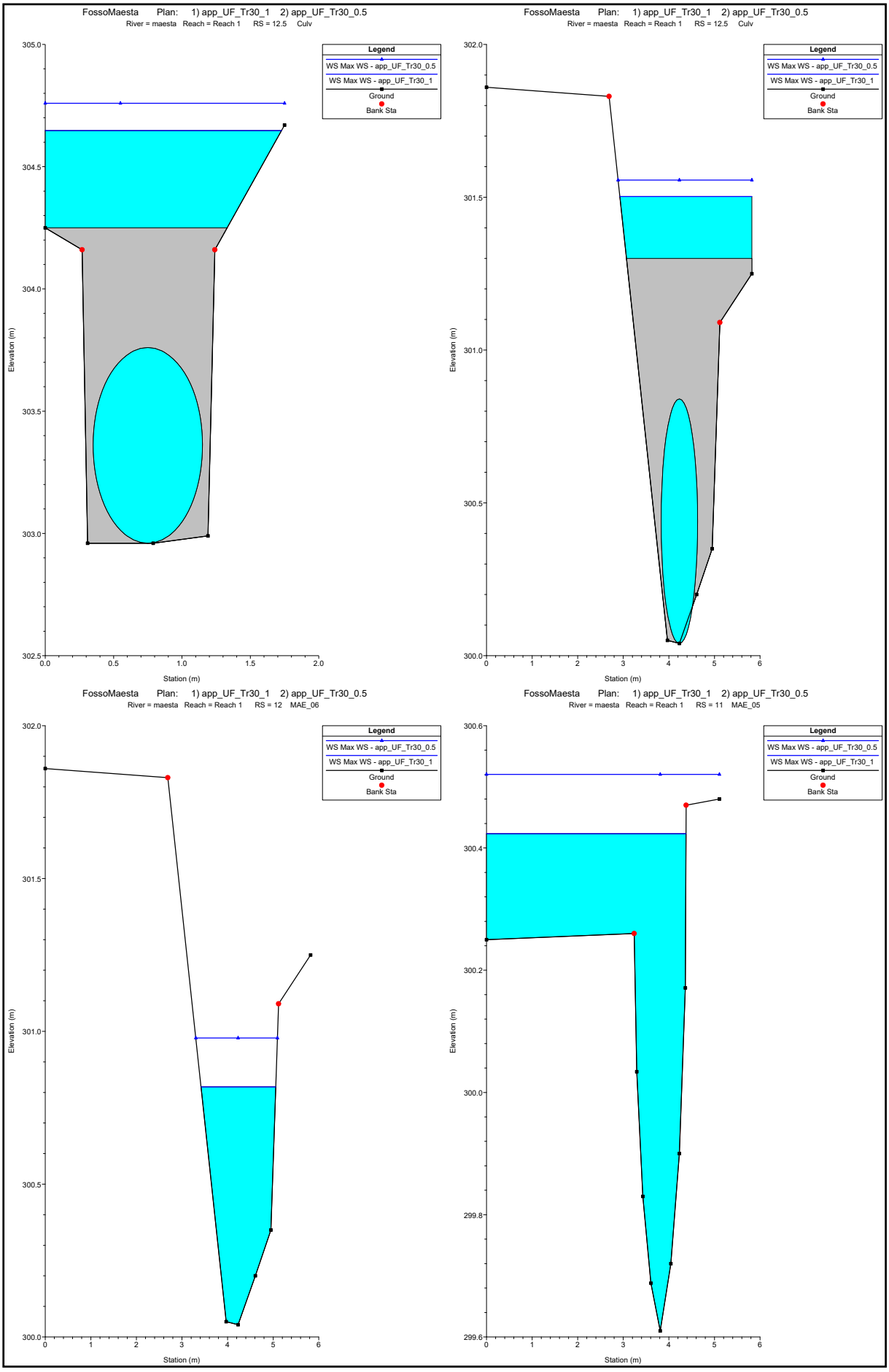
MODELLAZIONE PER TR= 30 anni

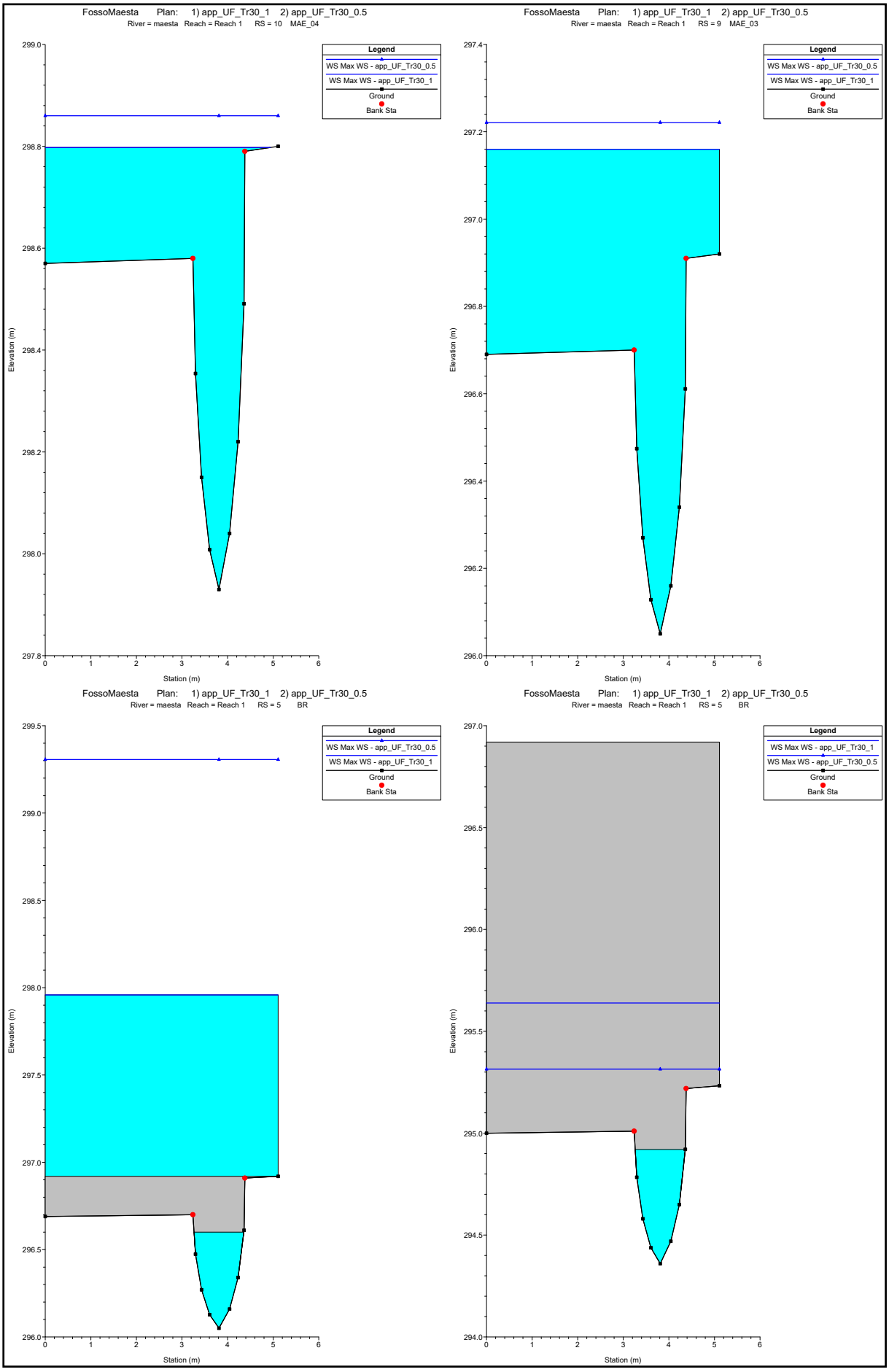
DURATE DI PIOGGIA: 0.5 e 1h

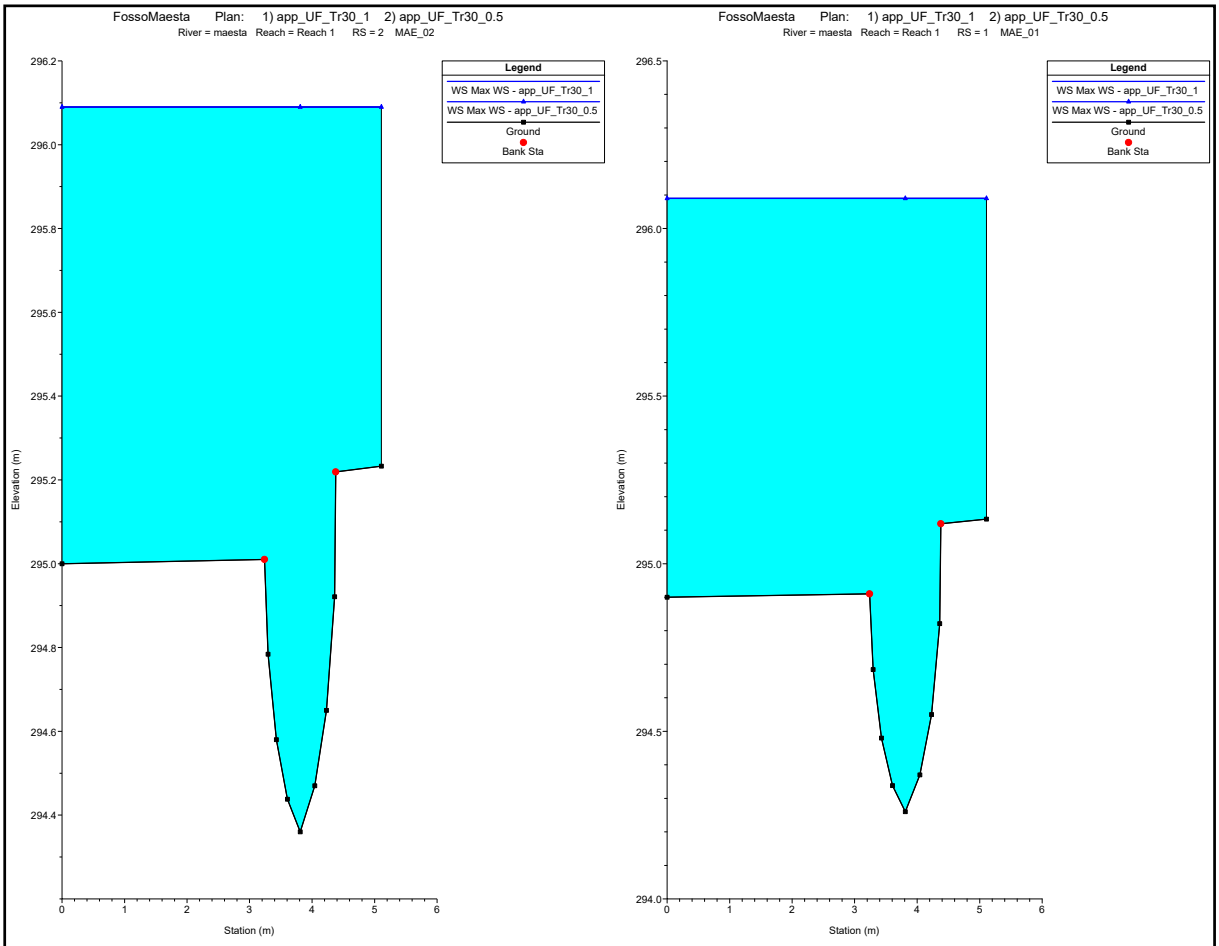
Sezioni Trasversali (da monte verso valle)


FossoMaesta Plan: 1) app_UF_Tr30_1 2) app_UF_Tr30_0.5
River = maesta Reach = Reach 1 RS = 20 MAE_12
Legend
WS Max WS - app_UF_Tr30_0.5
WS Max WS - app_UF_Tr30_1
Ground
Bank Sta
Elevation (m)
Station (m)
FossoMaesta Plan: 1) app_UF_Tr30_1 2) app_UF_Tr30_0.5
River = maesta Reach = Reach 1 RS = 19 MAE_11
Legend
WS Max WS - app_UF_Tr30_0.5
WS Max WS - app_UF_Tr30_1
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
FossoMaesta Plan: 1) app_UF_Tr30_1 2) app_UF_Tr30_0.5
River = maesta Reach = Reach 1 RS = 18 MAE_10
Legend
WS Max WS - app_UF_Tr30_0.5
WS Max WS - app_UF_Tr30_1
Ground
Bank Sta
Elevation (m)
Station (m)
FossoMaesta Plan: 1) app_UF_Tr30_1 2) app_UF_Tr30_0.5
River = maesta Reach = Reach 1 RS = 17 MAE_09
Legend
WS Max WS - app_UF_Tr30_0.5
WS Max WS - app_UF_Tr30_1
Ground
Bank Sta
Elevation (m)
Station (m)


FossoMaesta Plan: 1) app_UF_Tr30_1 2) app_UF_Tr30_0.5
River = maesta Reach = Reach 1 RS = 16 Culv
Legend
WS Max WS - app_UF_Tr30_0.5
WS Max WS - app_UF_Tr30_1
Ground
Bank Sta
Elevation (m)
Station (m)
FossoMaesta Plan: 1) app_UF_Tr30_1 2) app_UF_Tr30_0.5
River = maesta Reach = Reach 1 RS = 16 Culv
Legend
WS Max WS - app_UF_Tr30_0.5
WS Max WS - app_UF_Tr30_1
Ground
Bank Sta
Elevation (m)
Station (m)
FossoMaesta Plan: 1) app_UF_Tr30_1 2) app_UF_Tr30_0.5
River = maesta Reach = Reach 1 RS = 15 MAE_08
Legend
WS Max WS - app_UF_Tr30_0.5
WS Max WS - app_UF_Tr30_1
Ground
Bank Sta
Elevation (m)
Station (m)
FossoMaesta Plan: 1) app_UF_Tr30_1 2) app_UF_Tr30_0.5
River = maesta Reach = Reach 1 RS = 13 MAE_07
Legend
WS Max WS - app_UF_Tr30_0.5
WS Max WS - app_UF_Tr30_1
Ground
Bank Sta
Elevation (m)
Station (m)


FossoMaesta Plan: 1) app_UF_Tr30_1 2) app_UF_Tr30_0.5
River = maesta Reach = Reach 1 RS = 12.5 Culv
Legend
WS Max WS - app_UF_Tr30_0.5
WS Max WS - app_UF_Tr30_1
Ground
Bank Sta
Elevation (m)
Station (m)
FossoMaesta Plan: 1) app_UF_Tr30_1 2) app_UF_Tr30_0.5
River = maesta Reach = Reach 1 RS = 12.5 Culv
Legend
WS Max WS - app_UF_Tr30_0.5
WS Max WS - app_UF_Tr30_1
Ground
Bank Sta
Elevation (m)
Station (m)
FossoMaesta Plan: 1) app_UF_Tr30_1 2) app_UF_Tr30_0.5
River = maesta Reach = Reach 1 RS = 12 MAE_06
Legend
WS Max WS - app_UF_Tr30_0.5
WS Max WS - app_UF_Tr30_1
Ground
Bank Sta
Elevation (m)
Station (m)
FossoMaesta Plan: 1) app_UF_Tr30_1 2) app_UF_Tr30_0.5
River = maesta Reach = Reach 1 RS = 11 MAE_05
Legend
WS Max WS - app_UF_Tr30_0.5
WS Max WS - app_UF_Tr30_1
Ground
Bank Sta
Elevation (m)
Station (m)


FossoMaesta Plan: 1) app_UF_Tr30_1 2) app_UF_Tr30_0.5
River = maesta Reach = Reach 1 RS = 10 MAE_04
Legend
WS Max WS - app_UF_Tr30_0.5
WS Max WS - app_UF_Tr30_1
Ground
Bank Sta
Elevation (m)
Station (m)
FossoMaesta Plan: 1) app_UF_Tr30_1 2) app_UF_Tr30_0.5
River = maesta Reach = Reach 1 RS = 9 MAE_03
Legend
WS Max WS - app_UF_Tr30_0.5
WS Max WS - app_UF_Tr30_1
Ground
Bank Sta
Elevation (m)
Station (m)
FossoMaesta Plan: 1) app_UF_Tr30_1 2) app_UF_Tr30_0.5
River = maesta Reach = Reach 1 RS = 5 BR
Legend
WS Max WS - app_UF_Tr30_0.5
WS Max WS - app_UF_Tr30_1
Ground
Bank Sta
Elevation (m)
Station (m)
FossoMaesta Plan: 1) app_UF_Tr30_1 2) app_UF_Tr30_0.5
River = maesta Reach = Reach 1 RS = 5 BR
Legend
WS Max WS - app_UF_Tr30_1
WS Max WS - app_UF_Tr30_0.5
Ground
Bank Sta
Elevation (m)
Station (m)


FossoMaesta Plan: 1) app_UF_Tr30_1 2) app_UF_Tr30_0.5
River = maesta Reach = Reach 1 RS = 2 MAE_02
Legend
WS Max WS - app_UF_Tr30_1
WS Max WS - app_UF_Tr30_0.5
Ground
Bank Sta
Elevation (m)
Station (m)
FossoMaesta Plan: 1) app_UF_Tr30_1 2) app_UF_Tr30_0.5
River = maesta Reach = Reach 1 RS = 1 MAE_01
Legend
WS Max WS - app_UF_Tr30_1
WS Max WS - app_UF_Tr30_0.5
Ground
Bank Sta
Elevation (m)
Station (m)

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "FOSSOMAESTA"

FOSSO MAESTA

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 0.5 e 1h

Dati idraulici

HEC-RAS River: maesta Reach: Reach 1 Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Reach 1	20	Max WS	app_UF_Tr30_1	2.40	320.22	320.74	321.01	321.73	0.144052	4.41			0.54	1.78	2.54
Reach 1	20	Max WS	app_UF_Tr30_0.5	3.70	320.22	320.85	321.19	322.08	0.137757	4.91			0.75	1.97	2.53
Reach 1	19	Max WS	app_UF_Tr30_1	2.40	314.63	315.16	315.35	315.98	0.103132	4.01			0.60	1.57	2.07
Reach 1	19	Max WS	app_UF_Tr30_0.5	3.70	314.63	315.27	315.46	316.45	0.124964	4.81			0.77	1.73	2.31
Reach 1	18.3			Lat Struct											
Reach 1	18.29			Lat Struct											
Reach 1	18	Max WS	app_UF_Tr30_1	2.24	304.23	304.88	305.13	305.63	0.093570	3.83			0.59	1.28	1.80
Reach 1	18	Max WS	app_UF_Tr30_0.5	3.58	304.23	305.81		305.85	0.002258	1.11	0.33	0.36	5.33	12.35	0.33
Reach 1	17	Max WS	app_UF_Tr30_1	2.24	303.56	304.68		304.93	0.025861	2.19			1.02	0.95	0.67
Reach 1	17	Max WS	app_UF_Tr30_0.5	3.58	303.56	305.78		305.85	0.004831	1.31	0.61	0.33	3.70	6.75	0.29
Reach 1	16			Culvert											
Reach 1	15	Max WS	app_UF_Tr30_1	2.40	303.06	304.61		304.75	0.012964	1.68	0.26		1.44	1.24	0.44
Reach 1	15	Max WS	app_UF_Tr30_0.5	3.58	303.06	304.71		304.98	0.022969	2.33	0.56	0.27	1.57	1.34	0.59
Reach 1	14.99			Lat Struct											
Reach 1	14.98			Lat Struct											
Reach 1	13	Max WS	app_UF_Tr30_1	2.31	302.96	304.65		304.74	0.006360	1.41	0.42	0.41	1.81	1.73	0.35
Reach 1	13	Max WS	app_UF_Tr30_0.5	2.72	302.96	304.76		304.87	0.006810	1.52	0.45	0.50	2.01	1.75	0.37
Reach 1	12.5			Culvert											
Reach 1	12	Max WS	app_UF_Tr30_1	2.31	300.04	300.82	300.87	301.16	0.032518	2.61			0.89	1.64	1.13
Reach 1	12	Max WS	app_UF_Tr30_0.5	3.43	300.04	300.98	301.06	301.42	0.034933	2.95			1.16	1.79	1.17
Reach 1	11.65			Lat Struct											
Reach 1	11.64			Lat Struct											
Reach 1	11	Max WS	app_UF_Tr30_1	2.31	299.61	300.42	300.51	300.70	0.033458	2.60	0.90		1.25	4.38	1.06
Reach 1	11	Max WS	app_UF_Tr30_0.5	3.40	299.61	300.52	300.61	300.84	0.034909	2.89	1.22	0.38	1.70	5.11	1.09
Reach 1	10	Max WS	app_UF_Tr30_1	2.19	297.93	298.80	298.81	298.97	0.019979	2.10	0.83	0.06	1.49	4.93	0.82
Reach 1	10	Max WS	app_UF_Tr30_0.5	2.70	297.93	298.86	298.86	299.04	0.019058	2.17	0.94	0.35	1.80	5.11	0.81
Reach 1	9.97			Lat Struct											
Reach 1	9	Max WS	app_UF_Tr30_1	1.51	296.05	297.16	296.85	297.18	0.002004	0.82	0.41	0.24	2.72	5.11	0.27
Reach 1	9	Max WS	app_UF_Tr30_0.5	1.98	296.05	297.22	296.91	297.25	0.002545	0.96	0.50	0.30	3.04	5.11	0.31
Reach 1	5			Bridge											
Reach 1	2	Max WS	app_UF_Tr30_1	0.11	294.36	296.09		296.09	0.000001	0.03	0.02	0.01	5.89	5.11	0.01
Reach 1	2	Max WS	app_UF_Tr30_0.5	0.19	294.36	296.09		296.09	0.000004	0.05	0.03	0.02	5.89	5.11	0.01
Reach 1	1	Max WS	app_UF_Tr30_1	0.12	294.26	296.09	294.49	296.09	0.000001	0.03	0.02	0.01	6.40	5.11	0.01
Reach 1	1	Max WS	app_UF_Tr30_0.5	0.12	294.26	296.09	294.49	296.09	0.000001	0.03	0.02	0.01	6.40	5.11	0.01

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "PELATA_BAGNACCI"

FOSSO BAGNACCI

MODELLAZIONE PER TR=30 e 200 ANNI

DURATA DI PIOGGIA: 0.5, 1h e 2h

Profilo longitudinale

Sezioni Trasversali

Dati idraulici

ALLEGATI

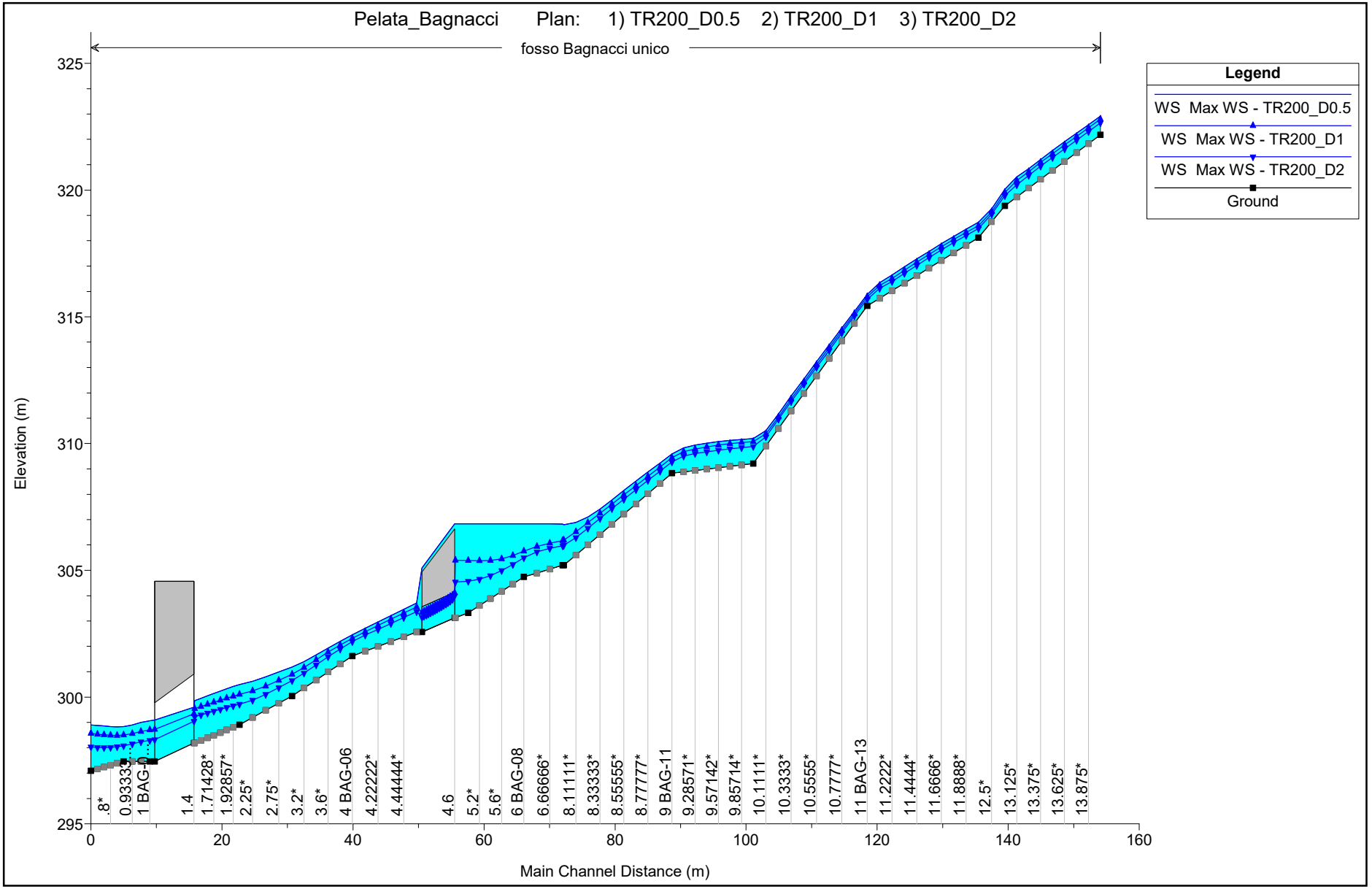
MODELLAZIONE HEC-RAS 5.0.7 "PELATA_BAGNACCI"

FOSSO BAGNACCI

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 0.5, 1h e 2h

Profilo longitudinale


Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
fosso Bagnacci unico
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Elevation (m)
Main Channel Distance (m)
325
320
315
310
305
300
295
0
20
40
60
80
100
120
140
160
.8*
0.93333
1 BAG-01
1.4
1.71428*
1.92857*
2.25*
2.75*
3.2*
3.6*
4 BAG-06
4.22222*
4.44444*
4.6
5.2*
5.6*
6 BAG-08
6.66666*
8.11111*
8.33333*
8.55555*
8.77777*
9 BAG-11
9.28571*
9.57142*
9.85714*
10.1111*
10.3333*
10.5555*
10.7777*
11 BAG-13
11.2222*
11.4444*
11.6666*
11.8888*
12.5*
13.125*
13.375*
13.625*
13.875*

ALLEGATI

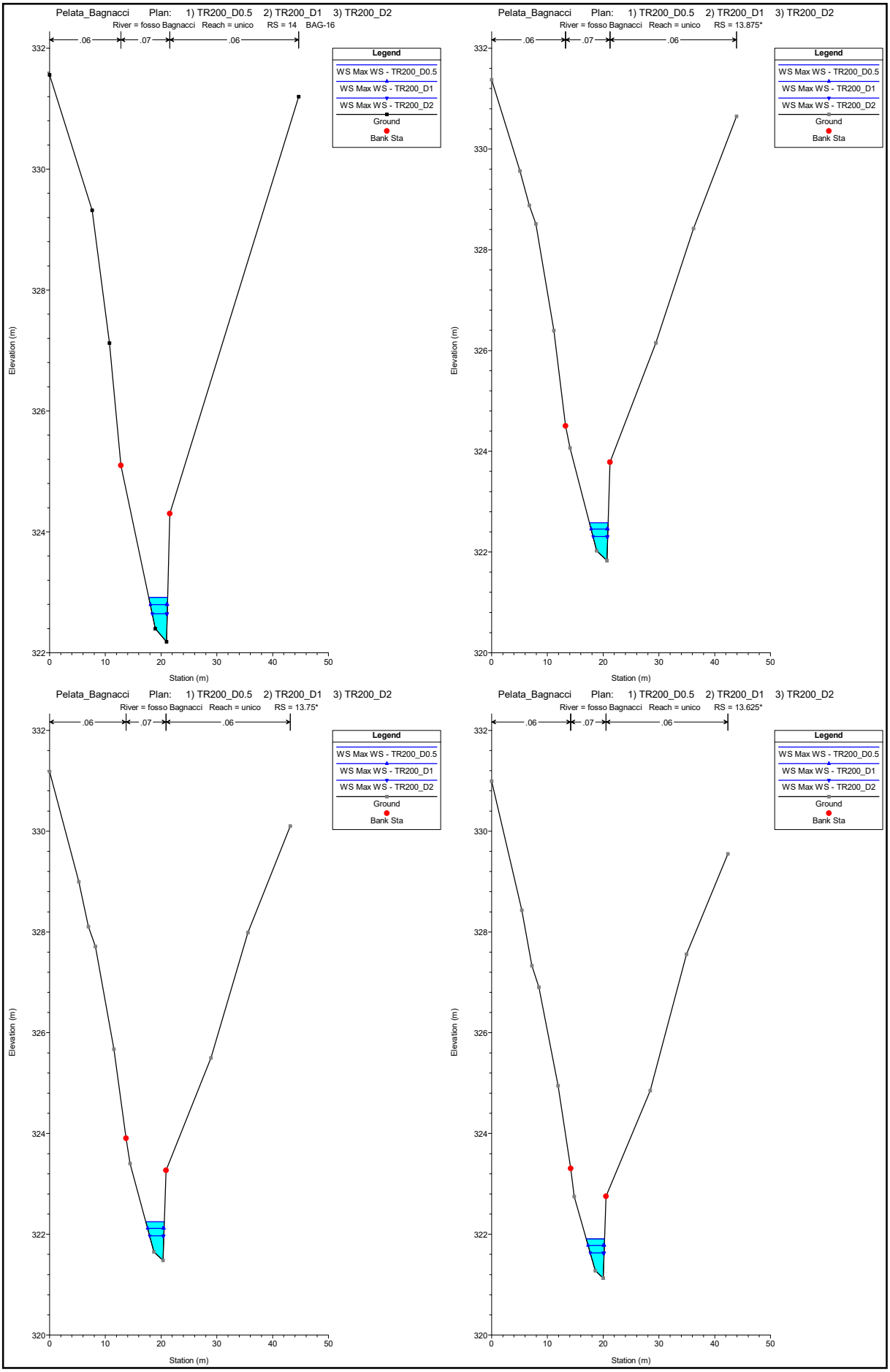
MODELLAZIONE HEC-RAS 5.0.7 "PELATA_BAGNACCI"

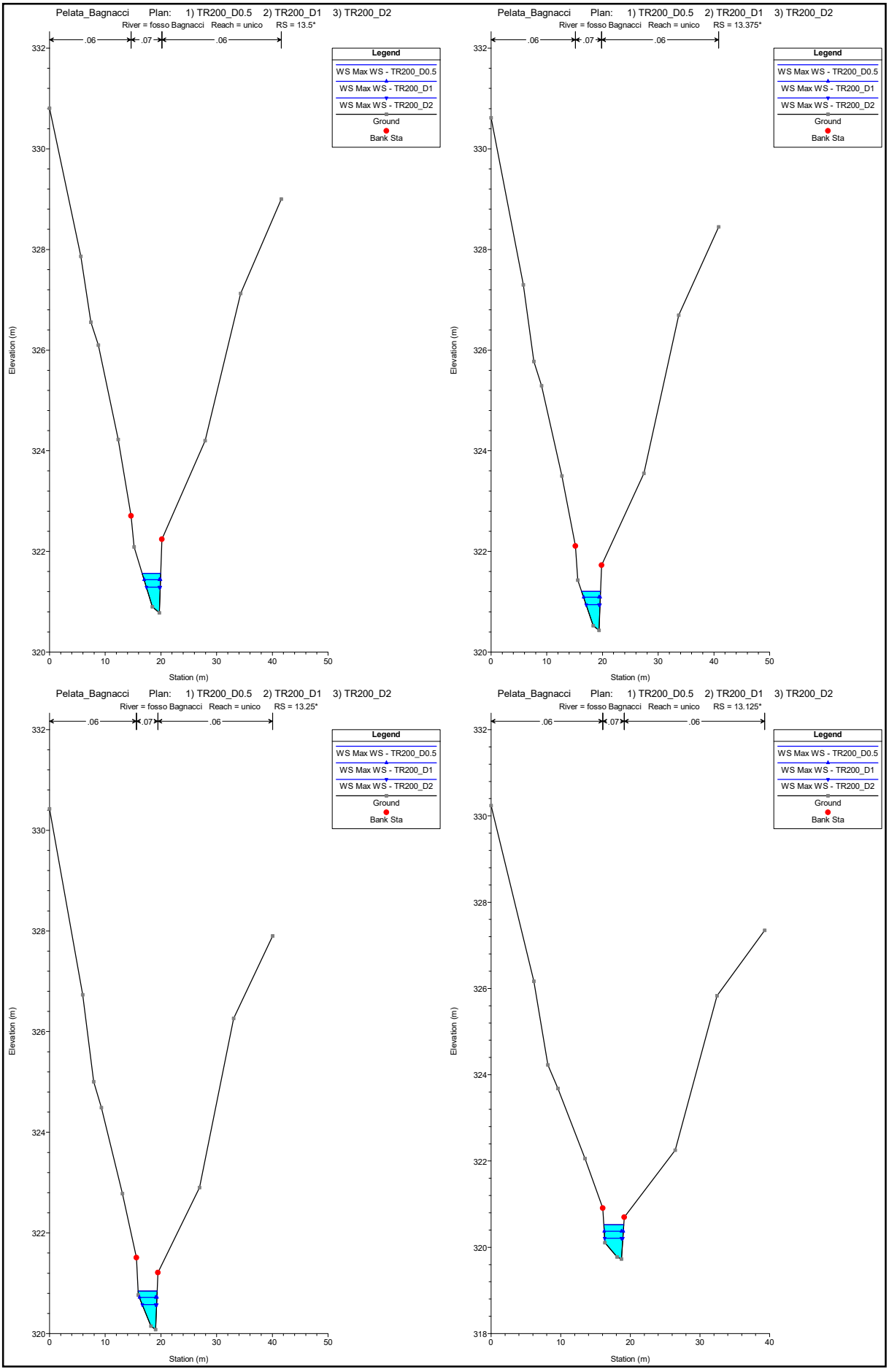
FOSSO BAGNACCI

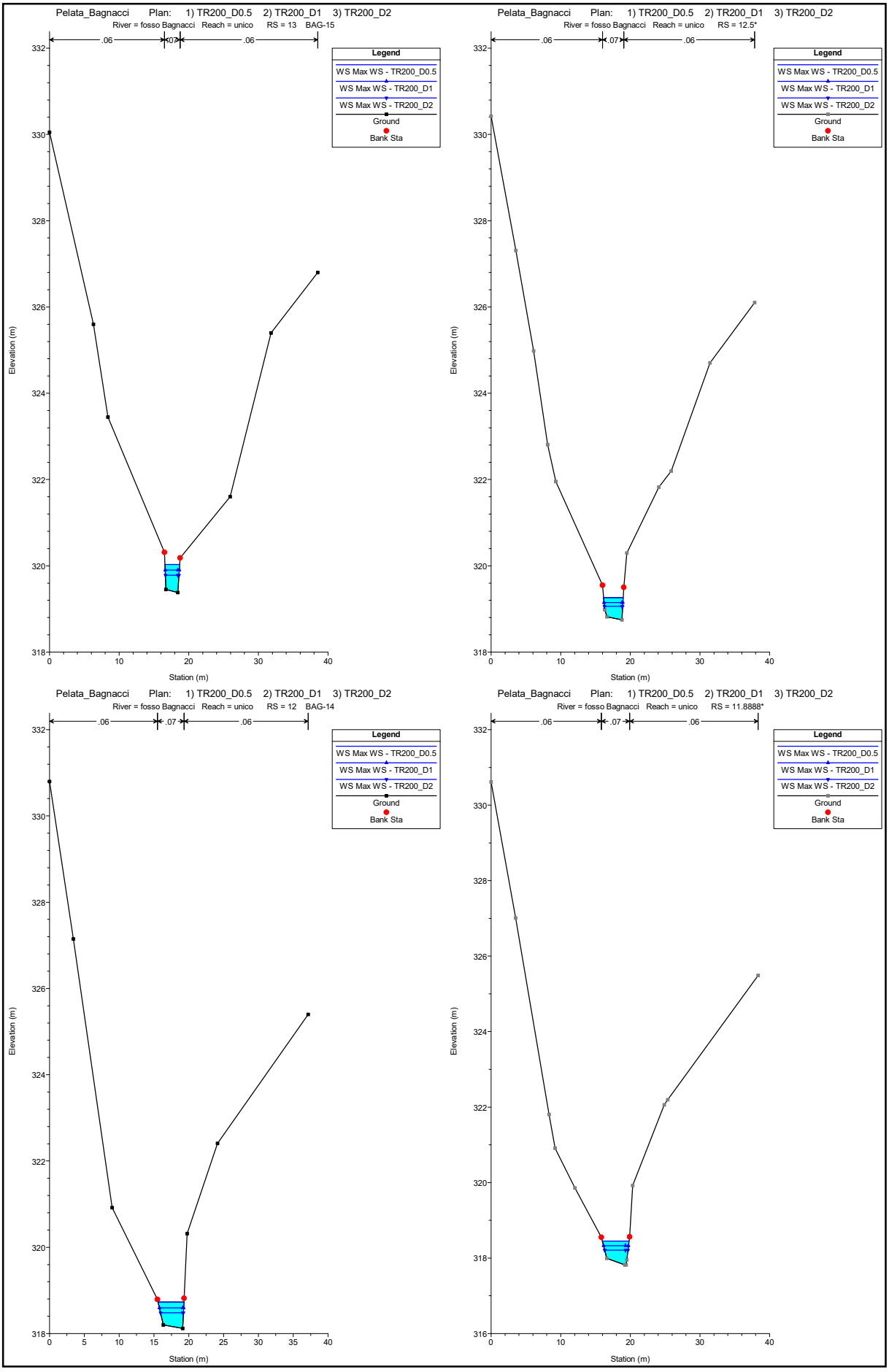
MODELLAZIONE PER TR= 200 anni

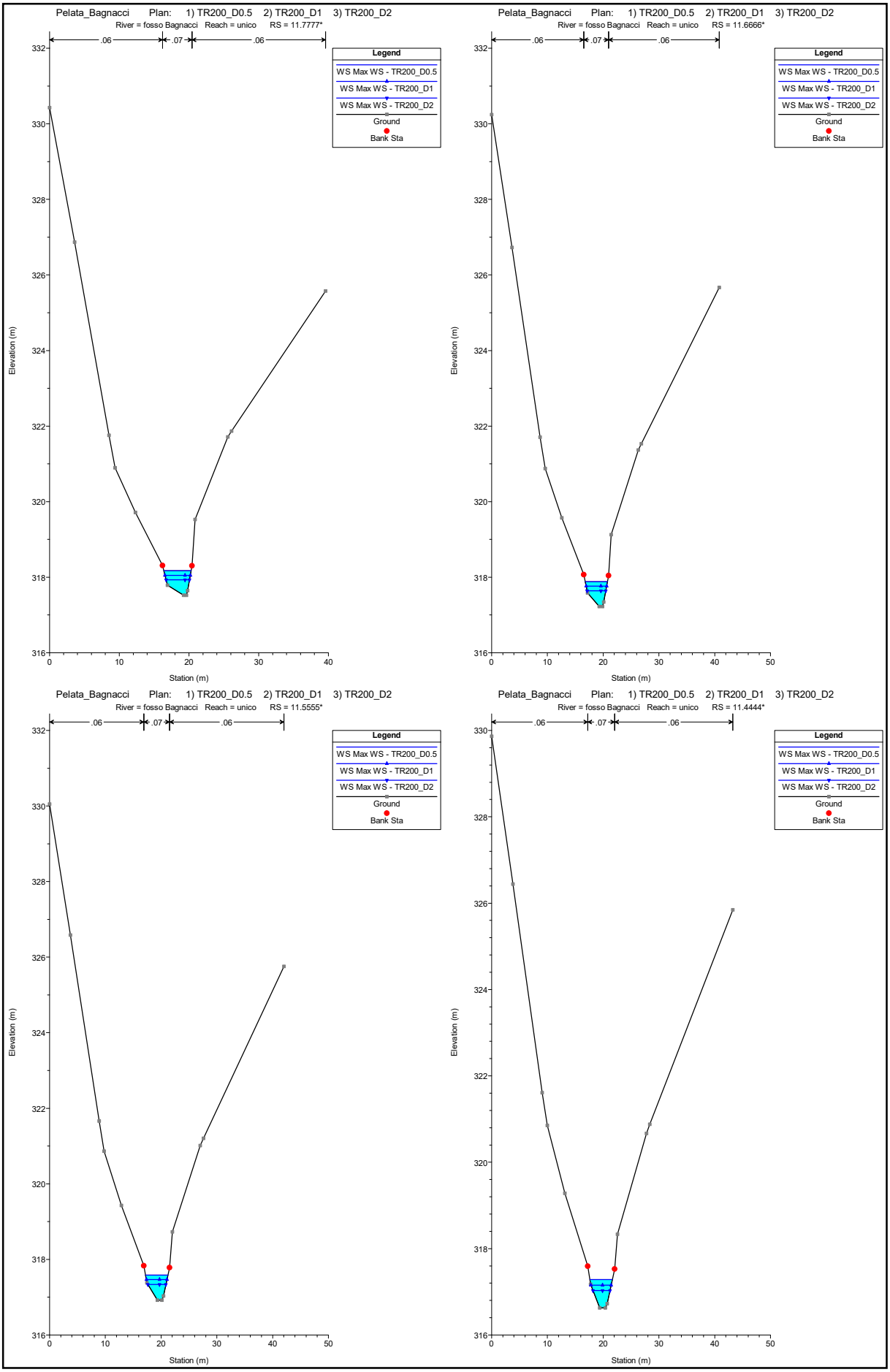
DURATE DI PIOGGIA: 0.5, 1h e 2h

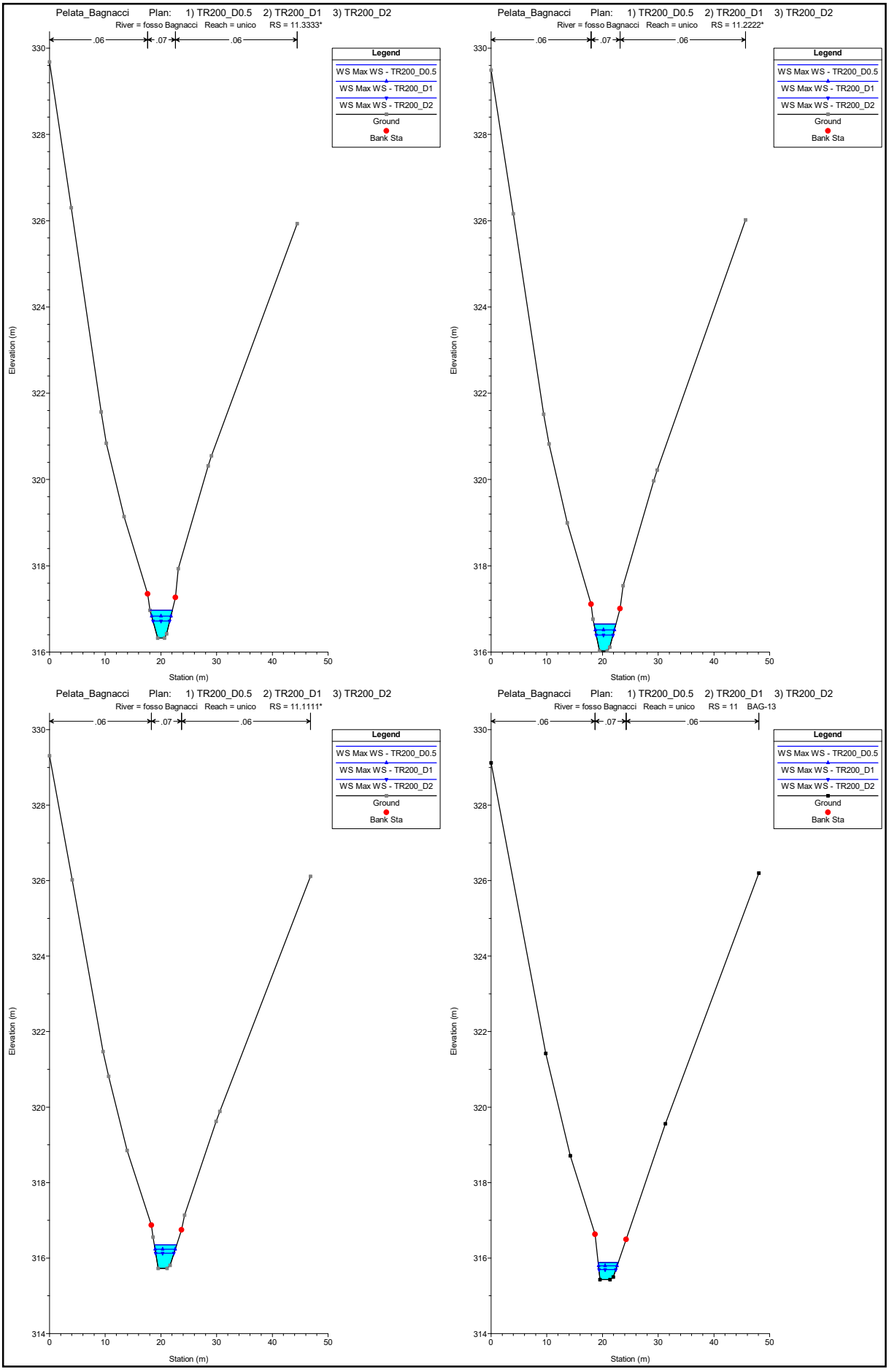
Sezioni Trasversali (da monte verso valle)

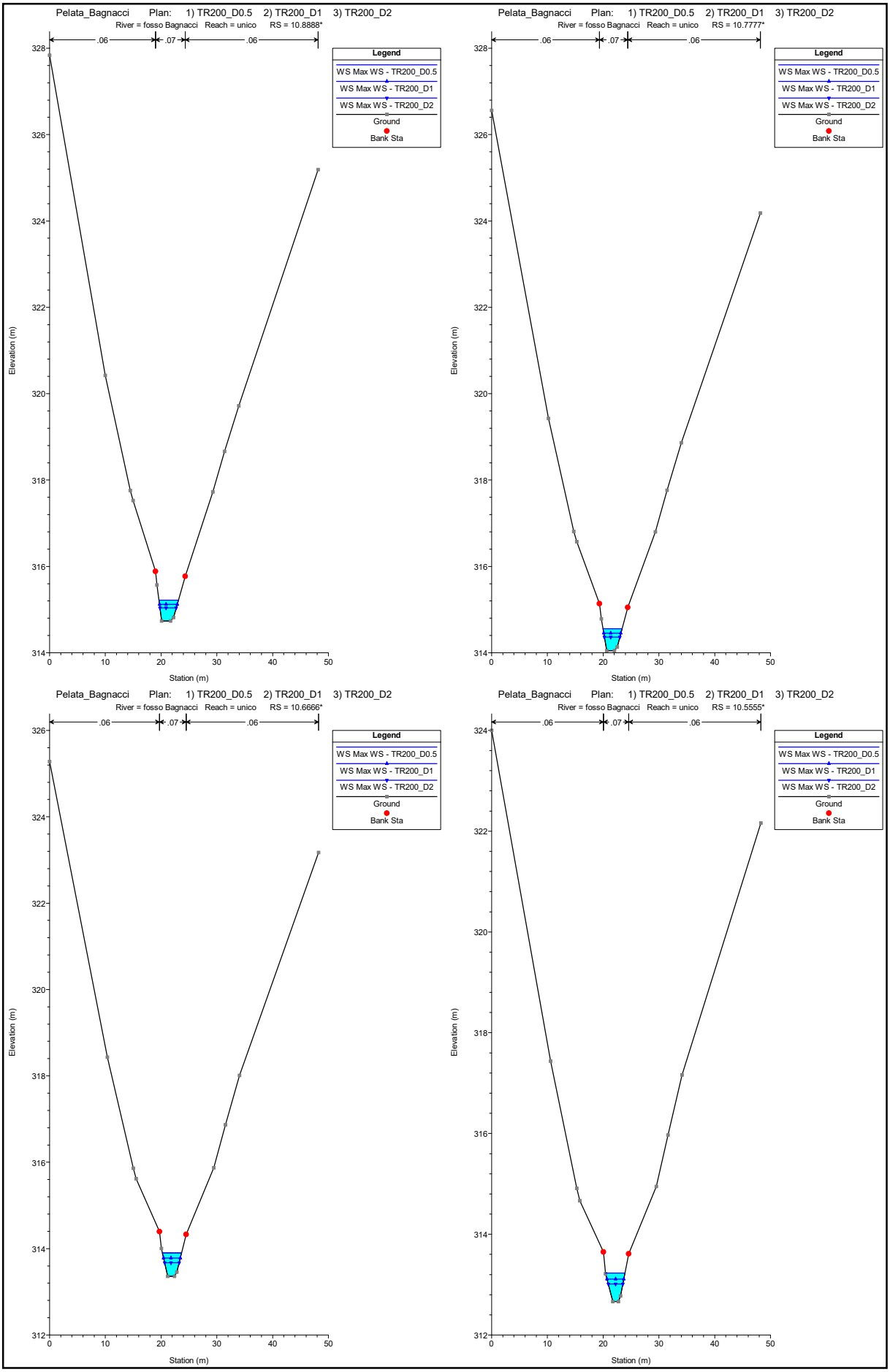

Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = 14 BAG-16
.06
.07
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = 13.875*
.06
.07
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = 13.75*
.06
.07
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = 13.625*
.06
.07
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

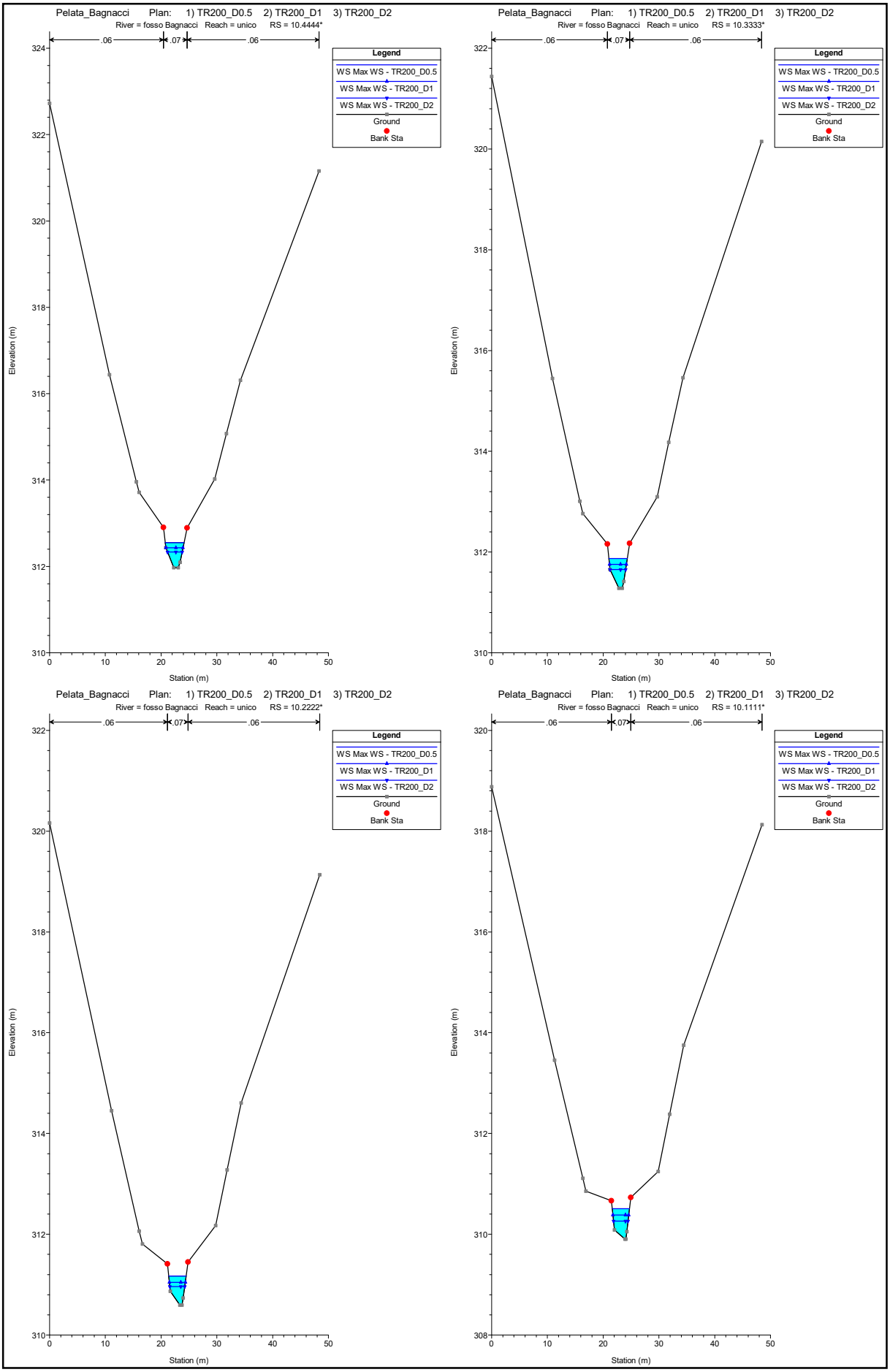

Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = 13.5*
.06
.07
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = 13.375*
.06
.07
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = 13.25*
.06
.07
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = 13.125*
.06
.07
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

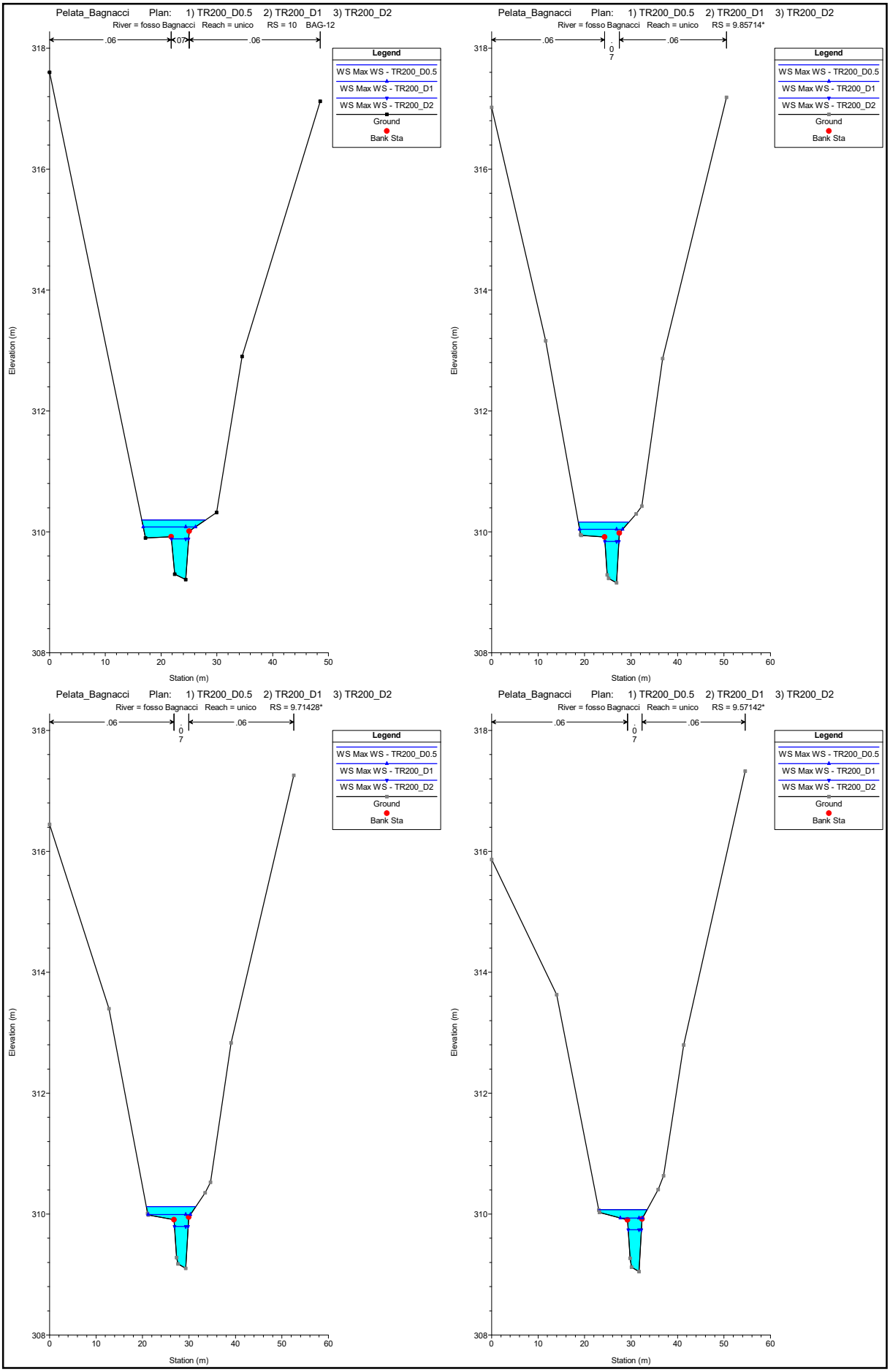

Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = 13 BAG-15
.06
.07
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = 12.5*
.06
.07
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = 12 BAG-14
.06
.07
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = 11.8888*
.06
.07
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

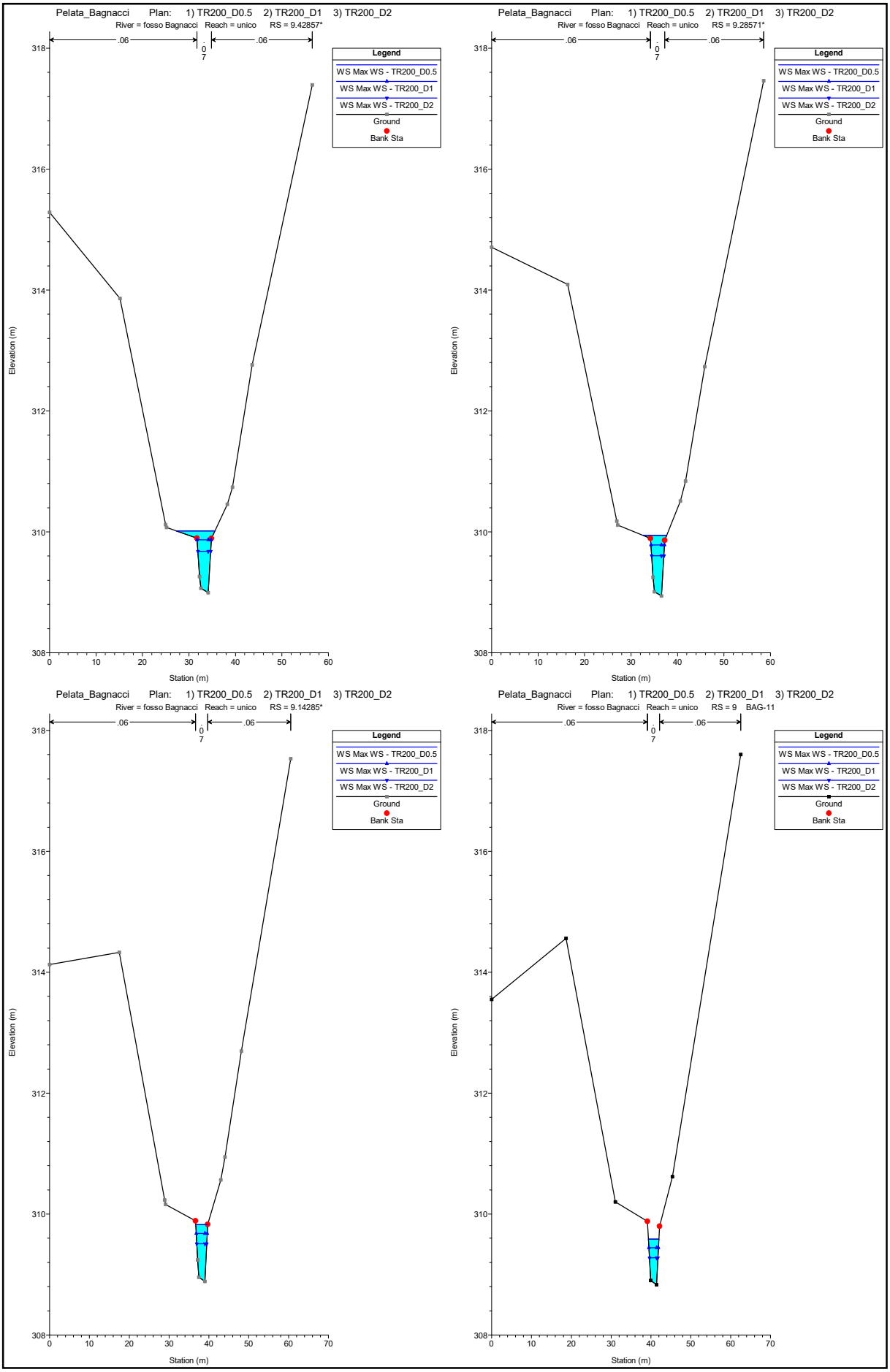

Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = 11.7777*
.06
.07
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = 11.6666*
.06
.07
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = 11.5555*
.06
.07
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = 11.4444*
.06
.07
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

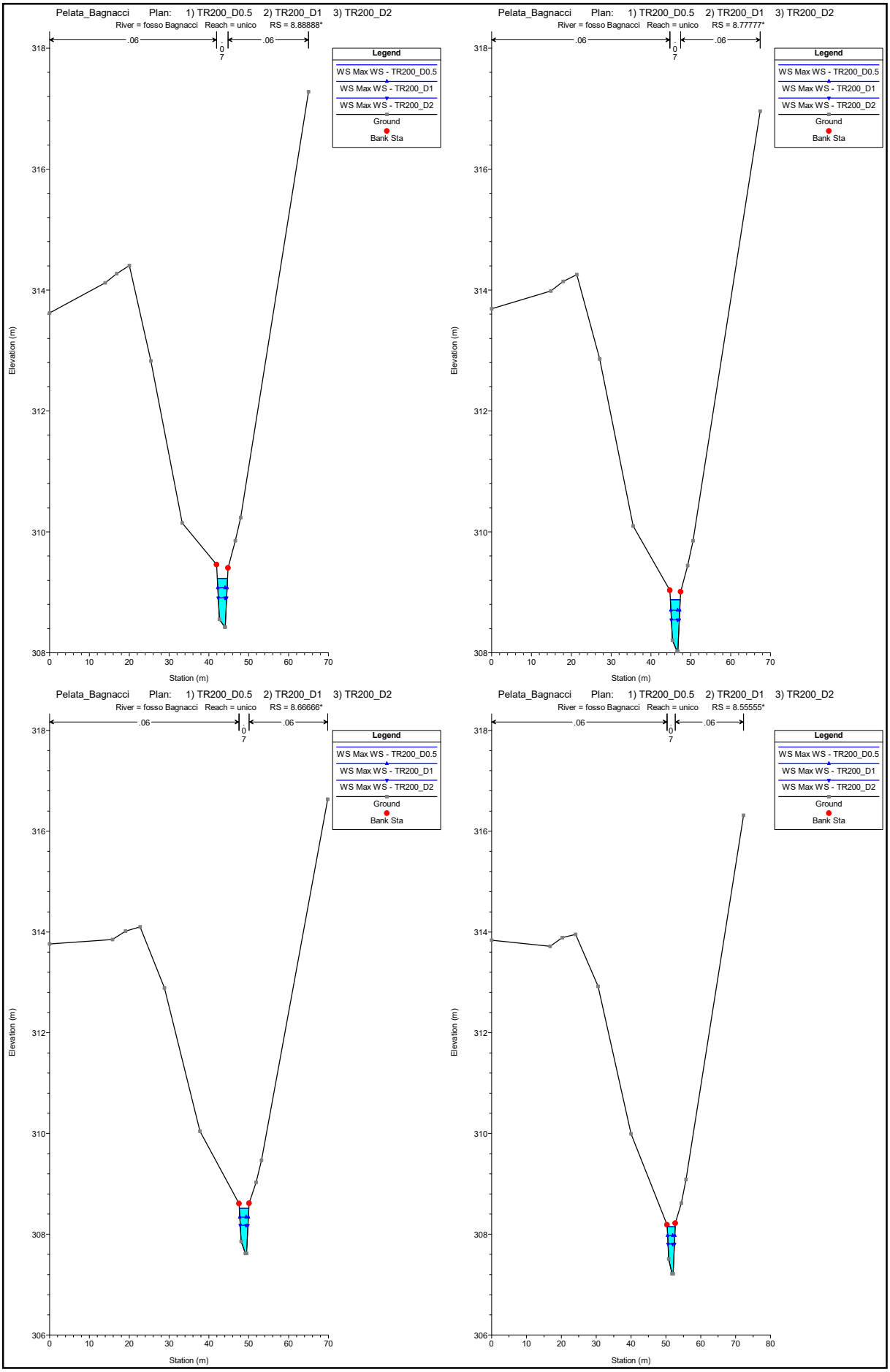

Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = 11.3333*
.06
.07
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = 11.2222*
.06
.07
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = 11.1111*
.06
.07
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = 11 BAG-13
.06
.07
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

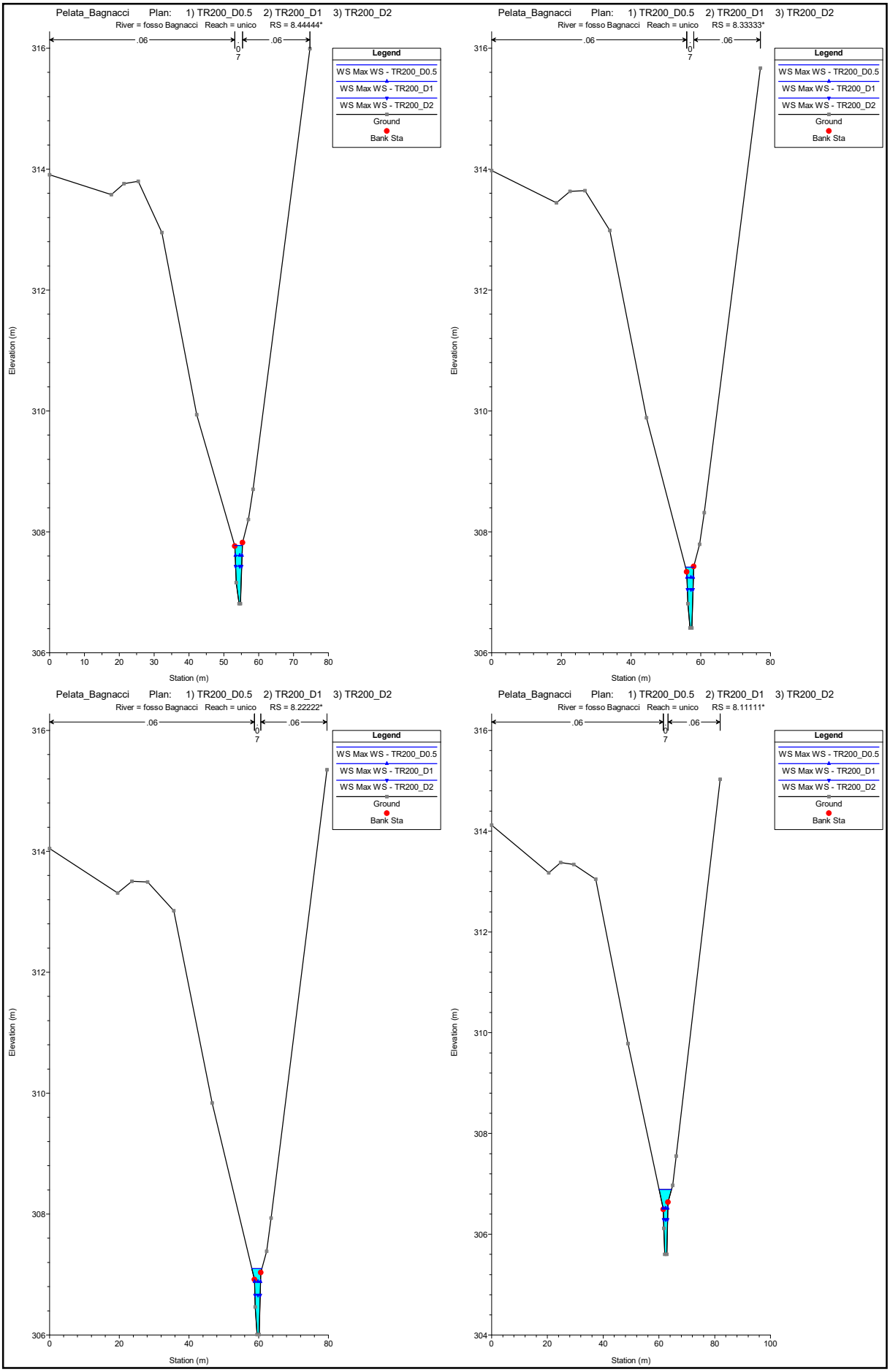

Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = 10.8888*
.06 .07 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = 10.7777*
.06 .07 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = 10.6666*
.06 .07 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = 10.5555*
.06 .07 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

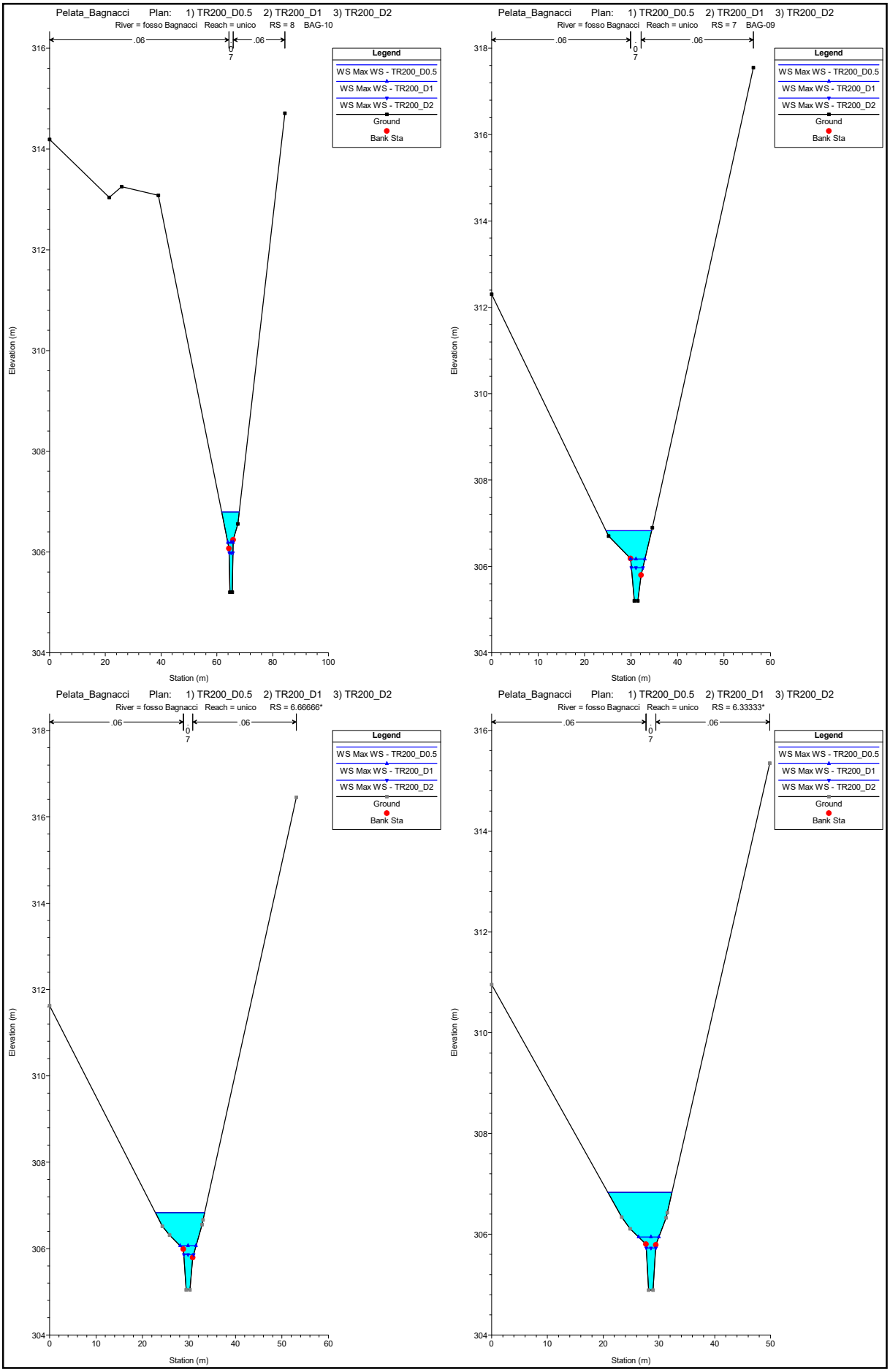

Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = 10.4444*
.06 .07 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = 10.3333*
.06 .07 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = 10.2222*
.06 .07 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = 10.1111*
.06 .07 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

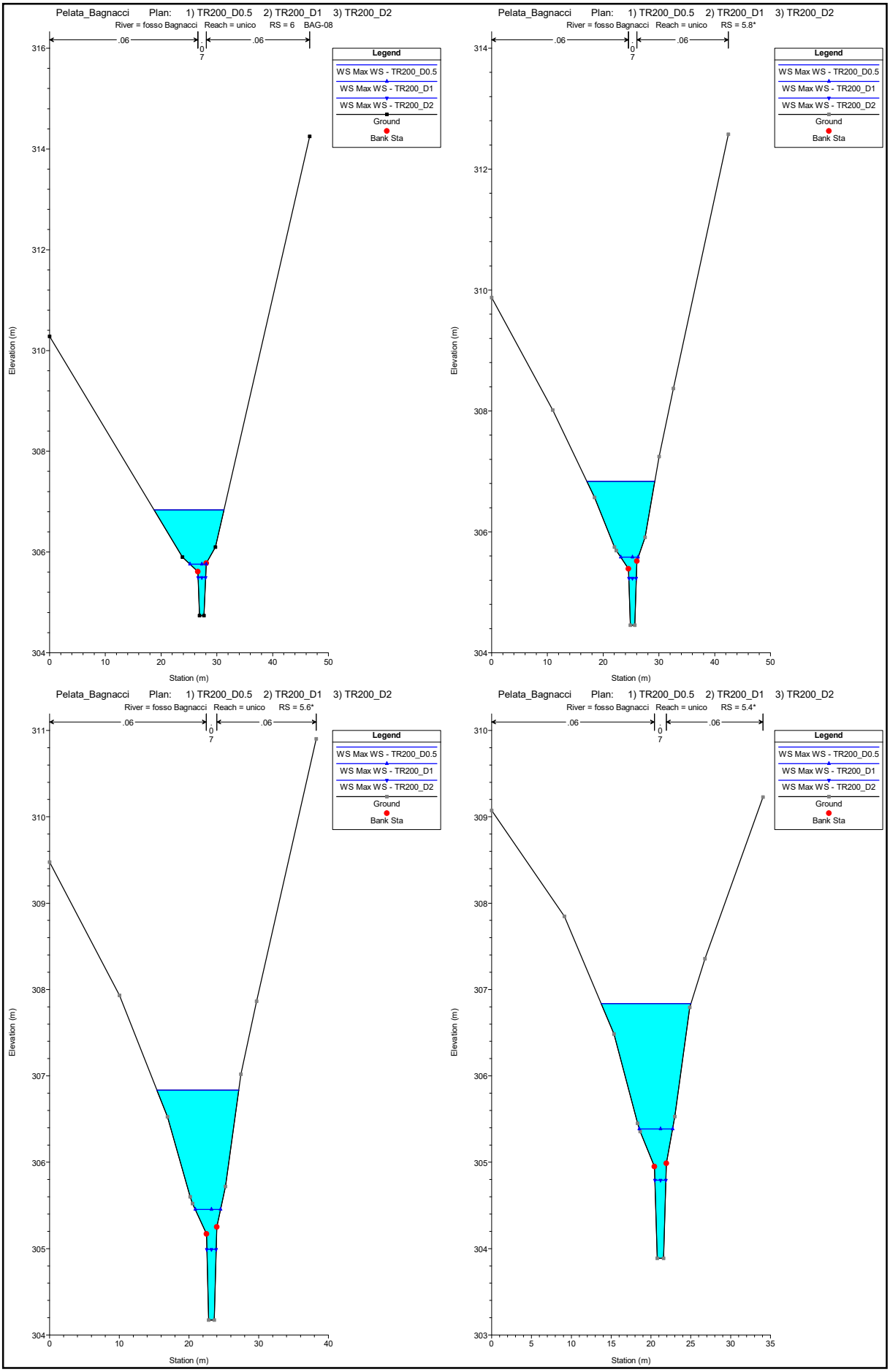

Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = 10 BAG-12
.06
.07
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = 9.85714*
.06
0
7
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = 9.71428*
.06
0
7
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = 9.57142*
.06
0
7
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

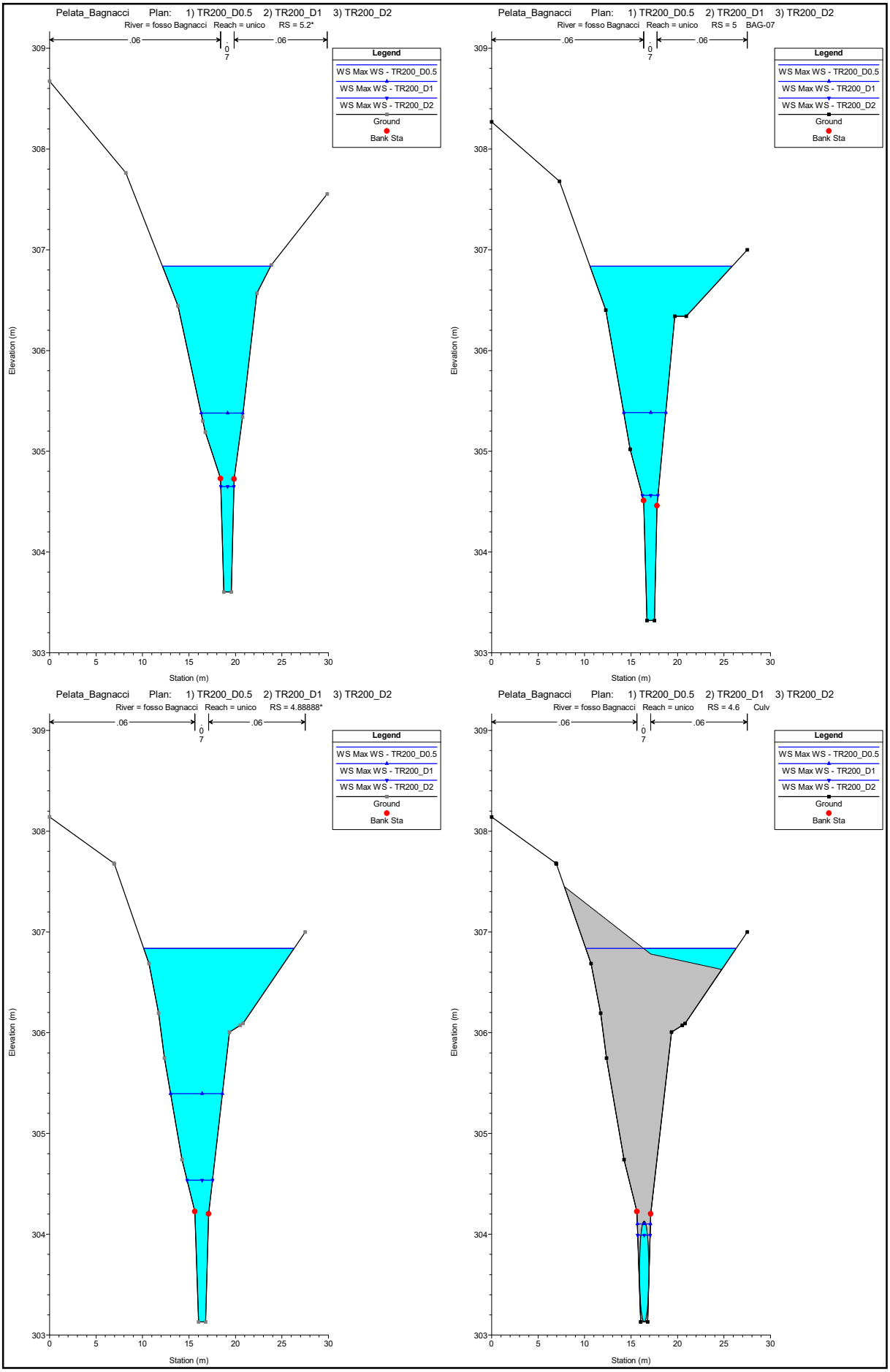

Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = 9.42857*
.06
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = 9.28571*
.06
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = 9.14285*
.06
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = 9 BAG-11
.06
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

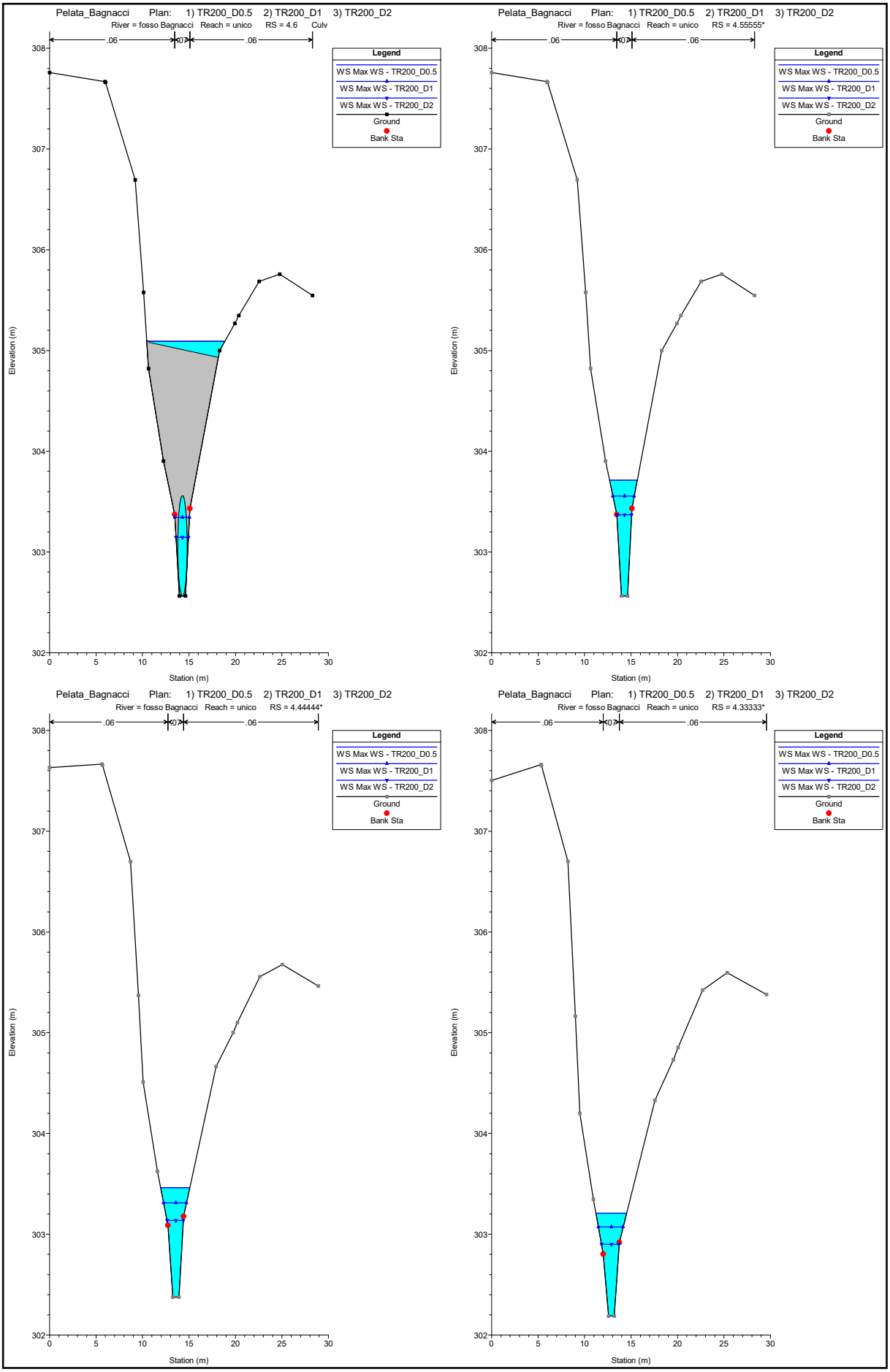

Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = 8.88888*
.06
.06
0
7
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = 8.77777*
.06
.06
0
7
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = 8.66666*
.06
.06
0
7
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = 8.55555*
.06
.06
0
7
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

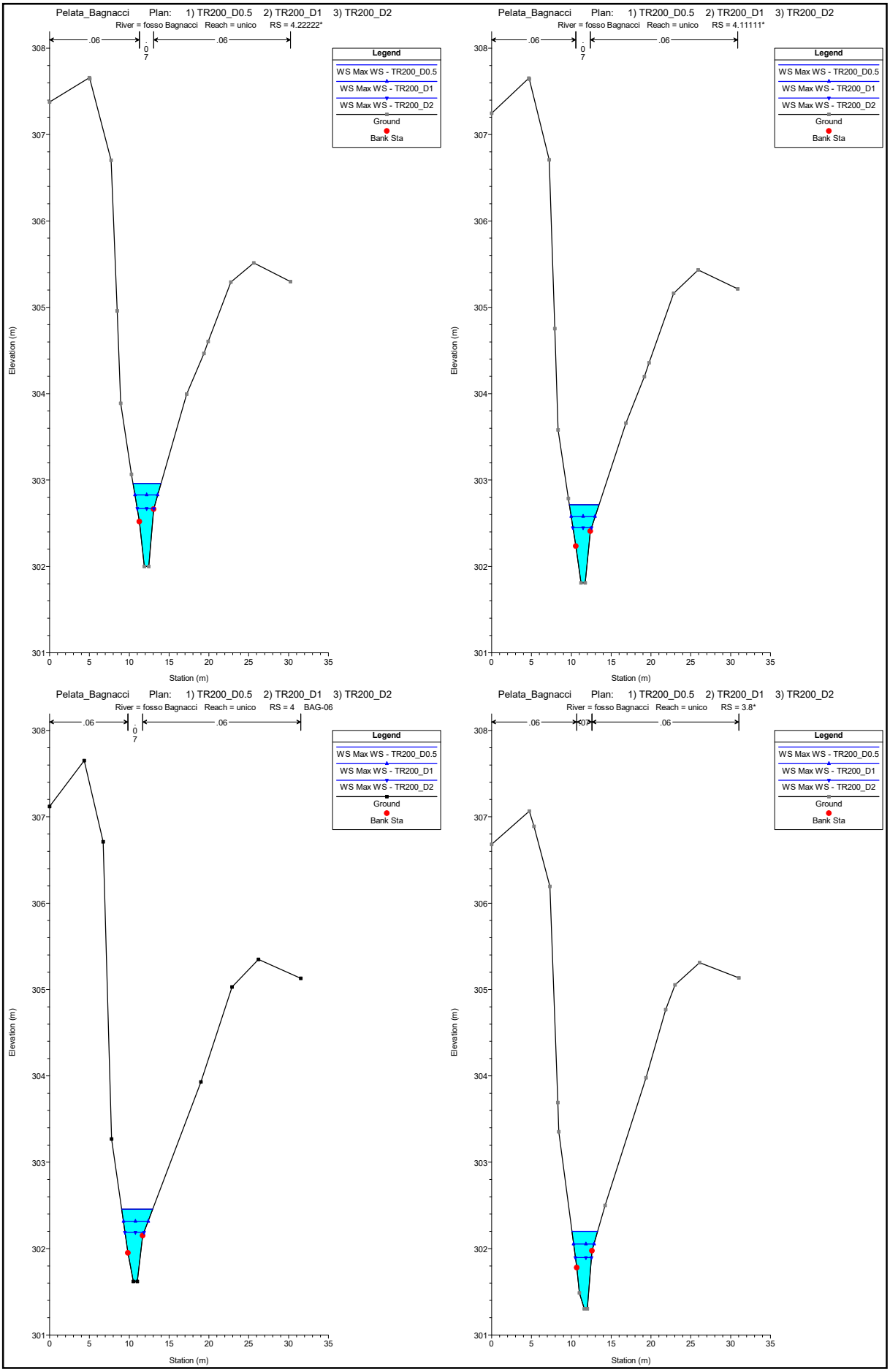

Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = 8.44444*
.06
.06
0
7
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = 8.33333*
.06
.06
0
7
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = 8.22222*
.06
.06
0
7
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = 8.11111*
.06
.06
0
7
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

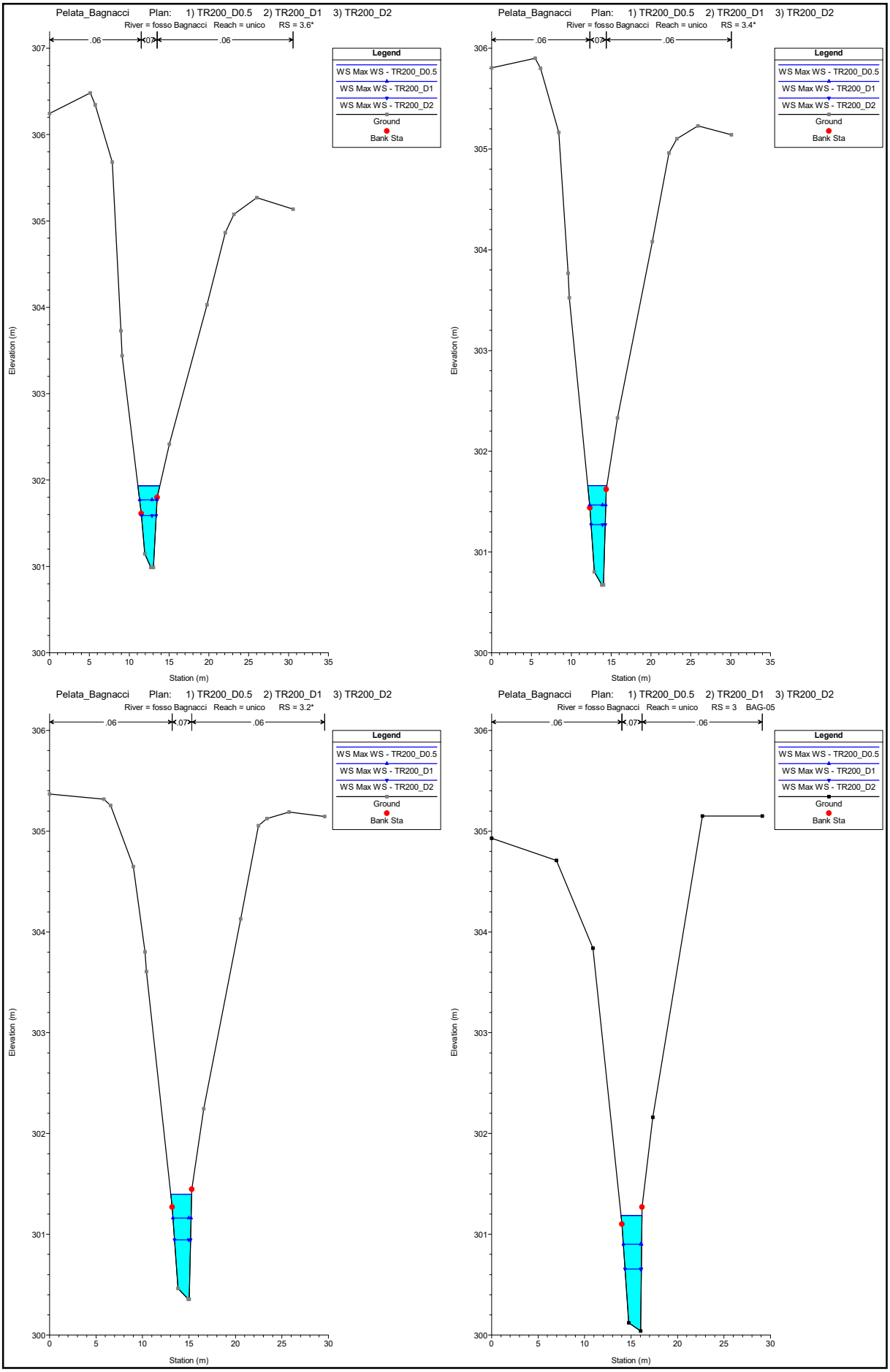

Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = 8 BAG-10
.06
.06
0
7
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = 7 BAG-09
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = 6.66666*
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = 6.33333*

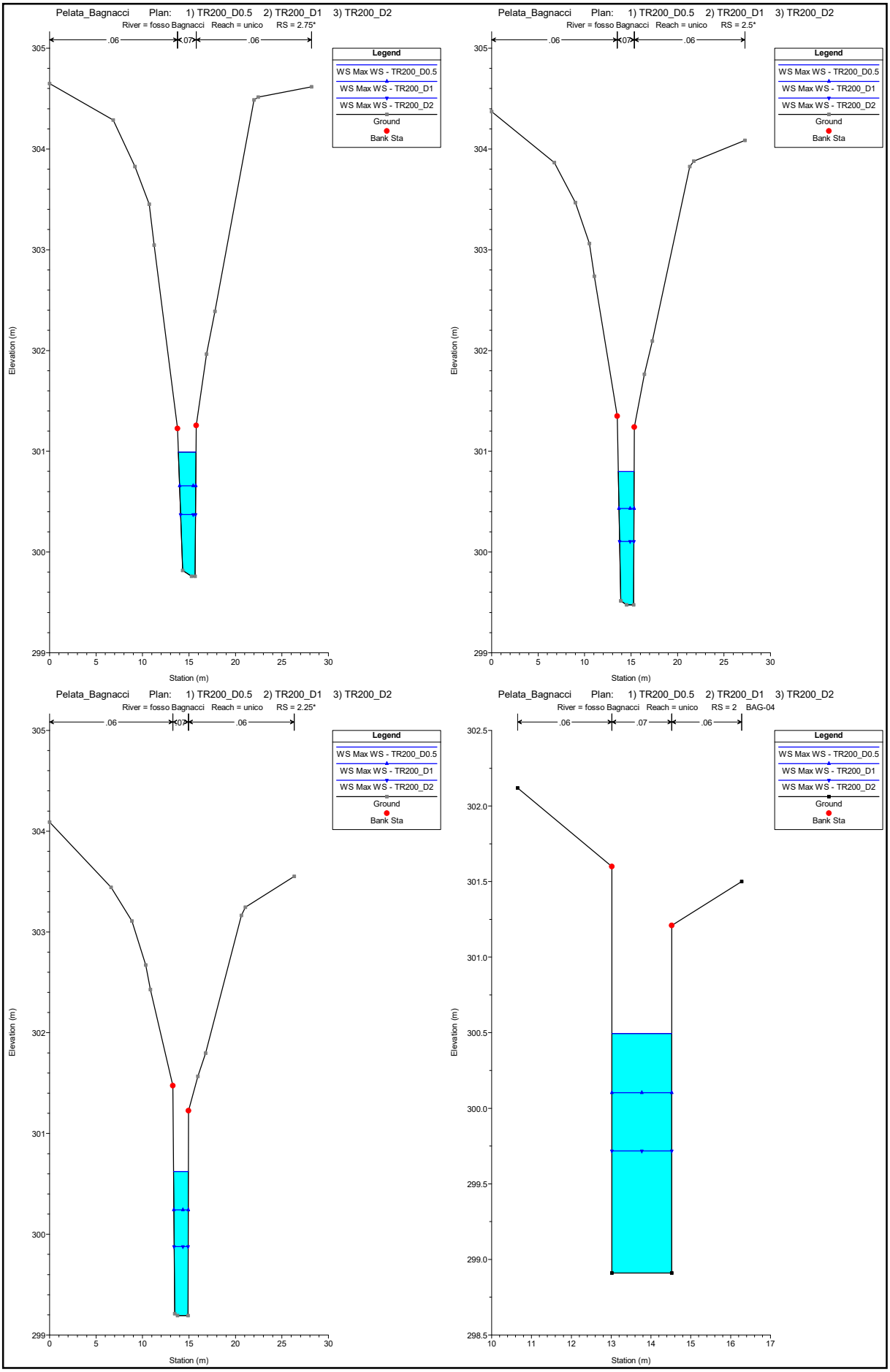

Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = 6 BAG-08
.06
.06
0
7
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = 5.8*
.06
.06
0
7
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = 5.6*
.06
.06
0
7
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = 5.4*
.06
.06
0
7
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

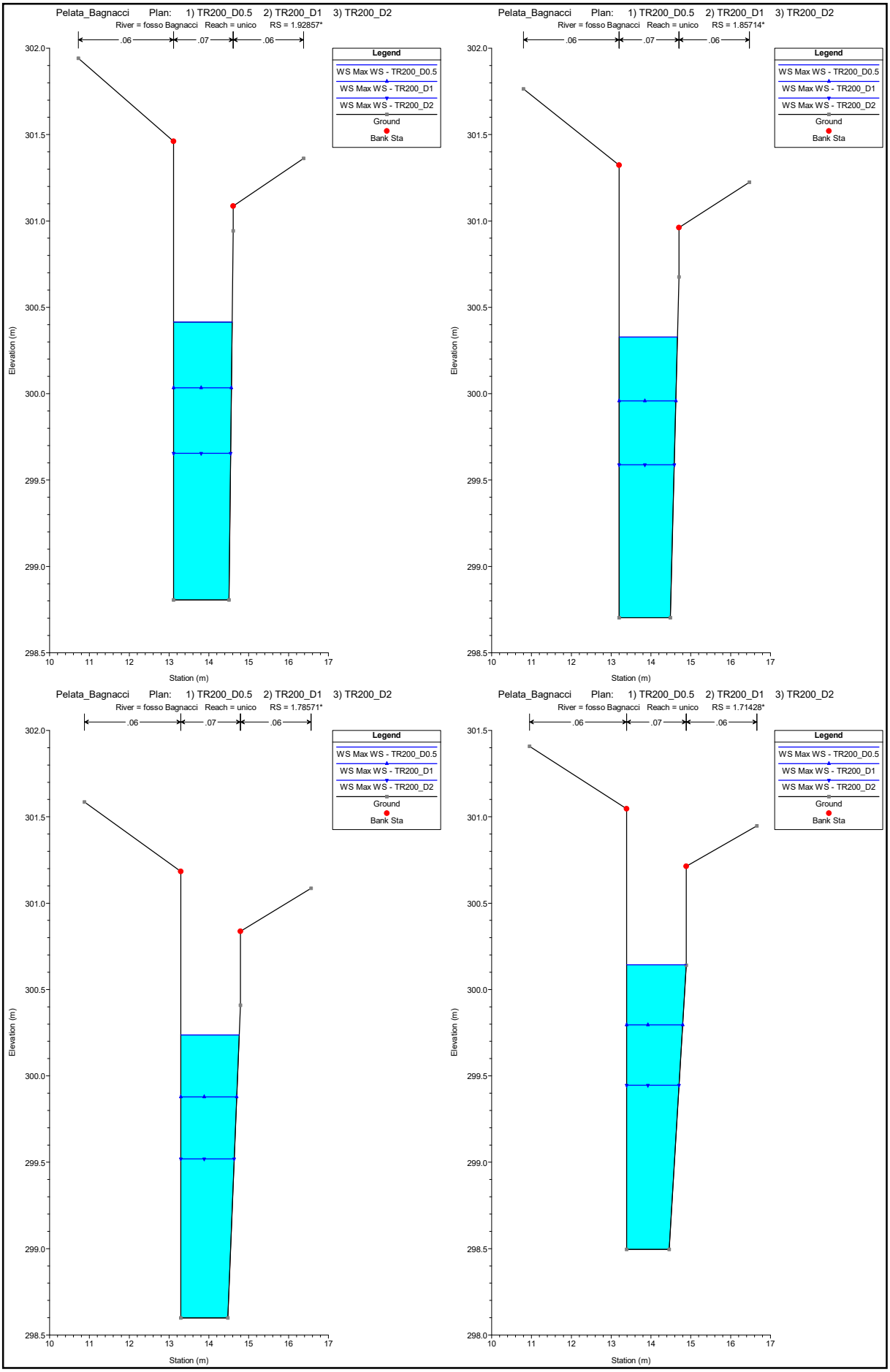

Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = 5.2*
.06
.06
0
7
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = 5 BAG-07
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = 4.88888*
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = 4.6 Culv

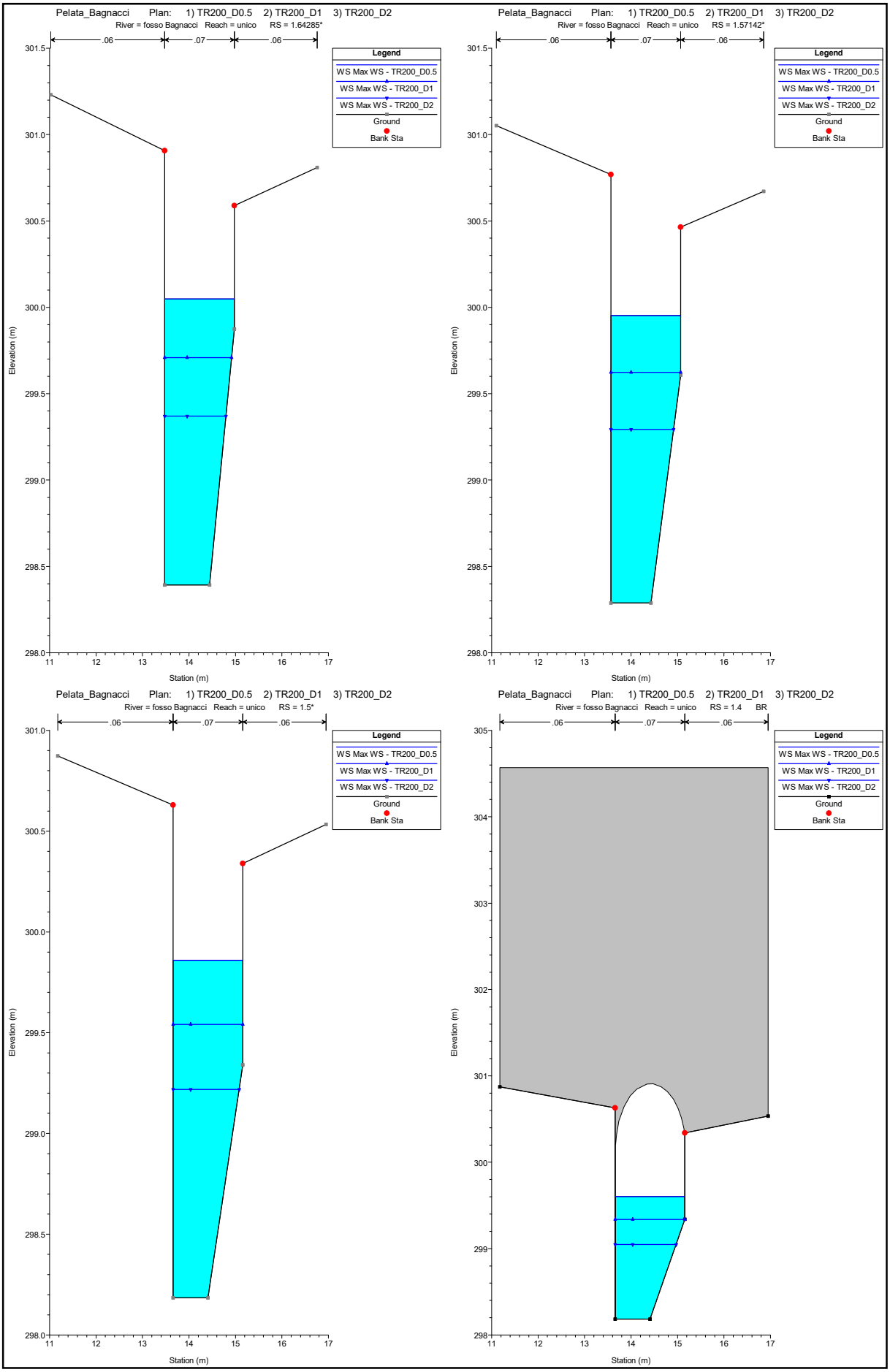

Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = 4.6 Culv
.06
.07
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = 4.55555*
.06
.07
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = 4.44444*
.06
.07
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = 4.33333*
.06
.07
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

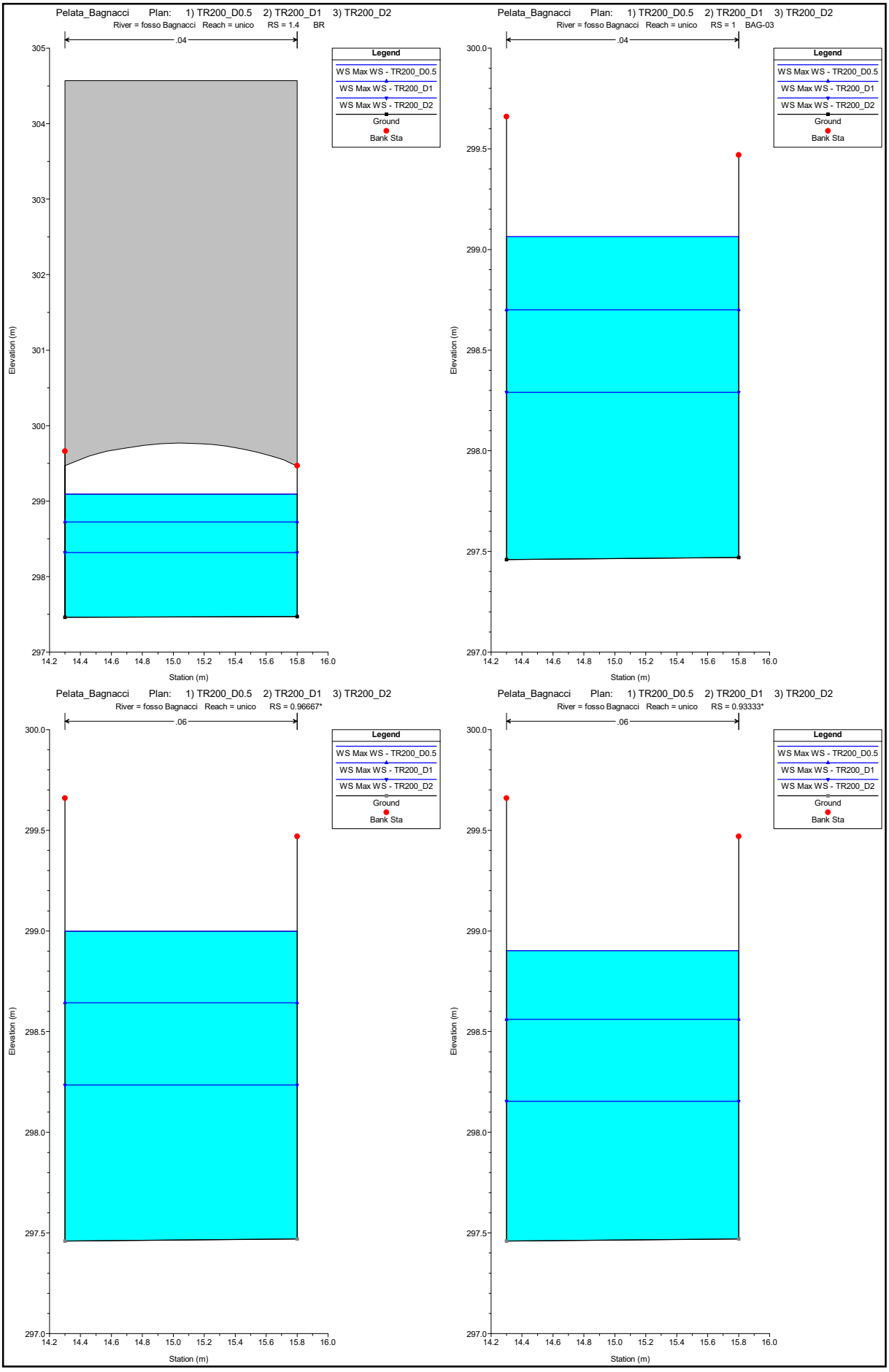

Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = 4.22222*
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = 4.11111*
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = 4 BAG-06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = 3.8*
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

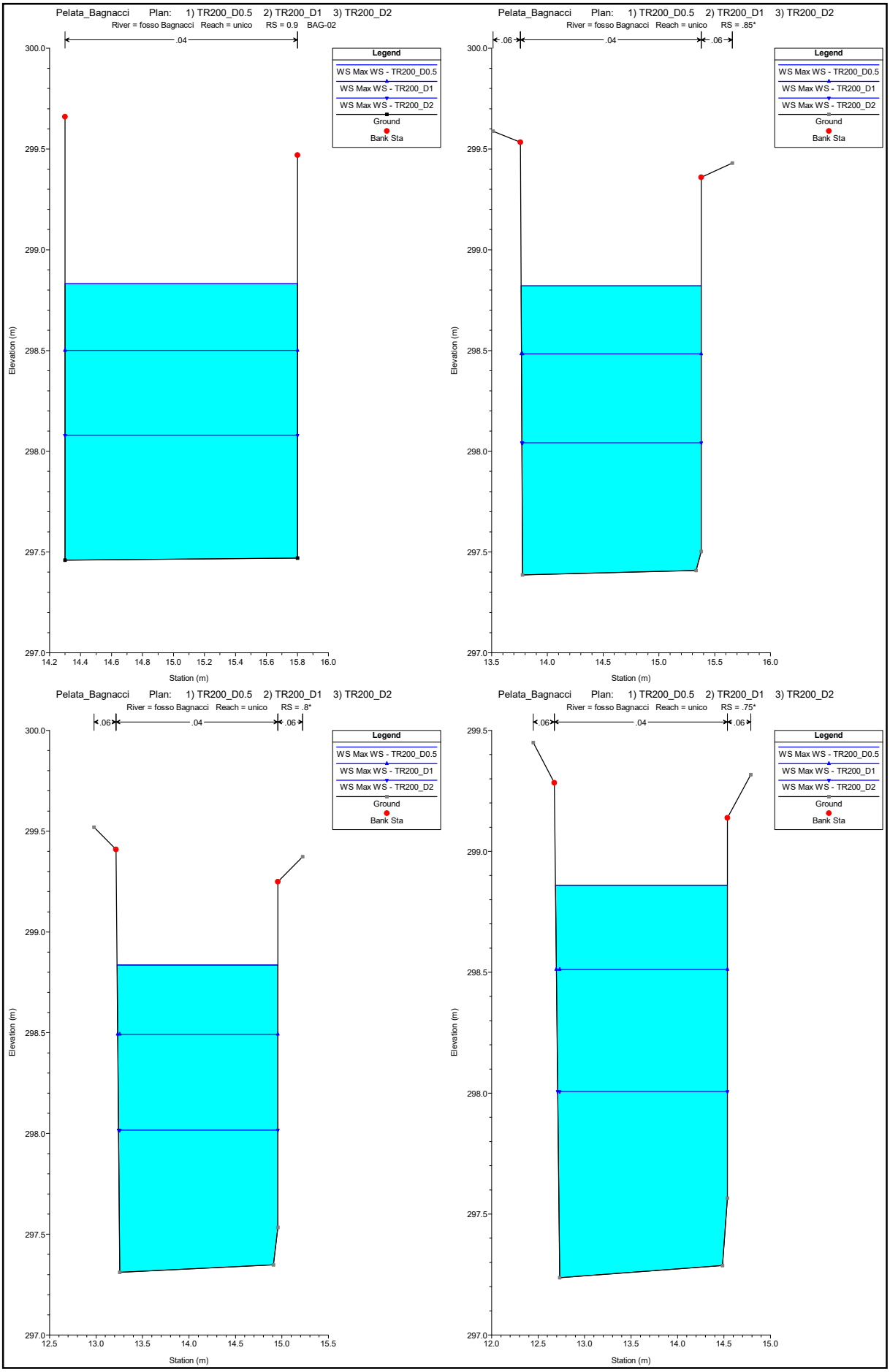

Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = 3.6*
.06
.07
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = 3.4*
.06
.07
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = 3.2*
.06
.07
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = 3 BAG-05
.06
.07
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

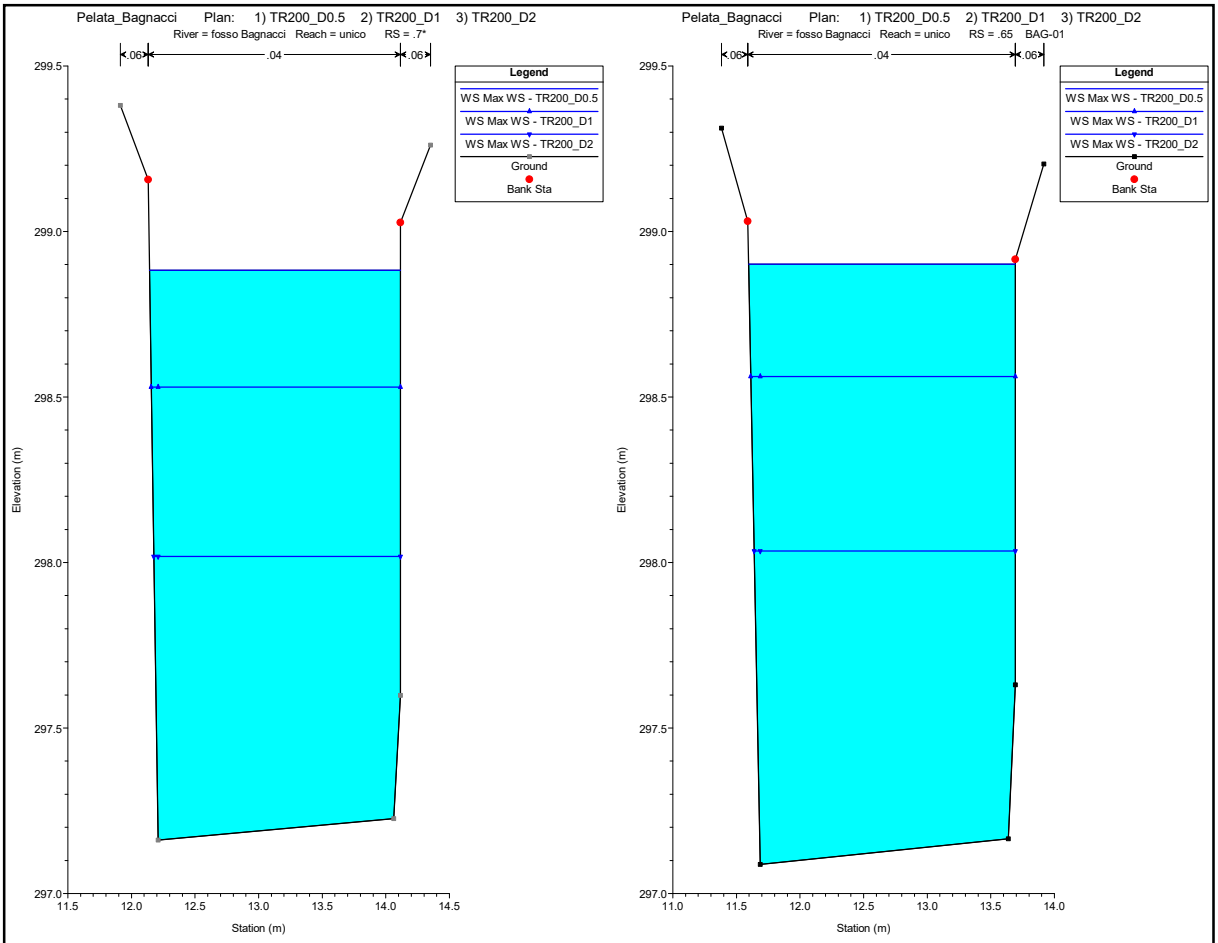

Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = 2.75*
.06 .07 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = 2.5*
.06 .07 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = 2.25*
.06 .07 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = 2 BAG-04
.06 .07 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = 1.92857*
.06 .07 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = 1.85714*
.06 .07 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = 1.78571*
.06 .07 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = 1.71428*
.06 .07 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = 1.64285*
.06 .07 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = 1.57142*
.06 .07 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = 1.5*
.06 .07 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = 1.4 BR
.06 .07 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = 1.4 BR
.04
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = 1 BAG-03
.04
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = 0.96667*
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = 0.93333*
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = 0.9 BAG-02
.04
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = .85*
.06
.04
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = .8*
.06
.04
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = .75*
.06
.04
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = .7*
.06
.04
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Bagnacci Reach = unico RS = .65 BAG-01
.06
.04
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "PELATA_BAGNACCI"

FOSSO BAGNACCI

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 0.5, 1h e 2h

Dati idraulici

HEC-RAS River: fosso Bagnacci Reach: unico Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
unico	14	Max WS	TR200_D0.5	5.70	322.18	322.92	323.11	323.54	0.201564	3.49			1.63	3.39	1.61
unico	14	Max WS	TR200_D1	3.80	322.18	322.80	322.94	323.27	0.189269	3.04			1.25	3.08	1.53
unico	14	Max WS	TR200_D2	2.30	322.18	322.65	322.77	323.05	0.234290	2.83			0.81	2.70	1.64
unico	13.875*	Max WS	TR200_D0.5	5.70	321.83	322.58	322.77	323.21	0.201193	3.50			1.63	3.34	1.60
unico	13.875*	Max WS	TR200_D1	3.80	321.83	322.46	322.60	322.94	0.191632	3.08			1.23	3.01	1.53
unico	13.875*	Max WS	TR200_D2	2.30	321.83	322.31	322.43	322.72	0.230226	2.84			0.81	2.61	1.63
unico	13.75*	Max WS	TR200_D0.5	5.70	321.48	322.25	322.44	322.87	0.201343	3.51			1.62	3.30	1.60
unico	13.75*	Max WS	TR200_D1	3.80	321.48	322.12	322.27	322.61	0.194038	3.11			1.22	2.95	1.54
unico	13.75*	Max WS	TR200_D2	2.30	321.48	321.97	322.09	322.38	0.226324	2.85			0.81	2.54	1.61
unico	13.625*	Max WS	TR200_D0.5	5.70	321.13	321.91	322.11	322.54	0.203340	3.52			1.62	3.30	1.61
unico	13.625*	Max WS	TR200_D1	3.80	321.13	321.78	321.93	322.28	0.197706	3.13			1.21	2.92	1.55
unico	13.625*	Max WS	TR200_D2	2.30	321.13	321.63	321.76	322.04	0.223259	2.85			0.81	2.49	1.60
unico	13.5*	Max WS	TR200_D0.5	5.70	320.78	321.57	321.77	322.21	0.208989	3.54			1.61	3.33	1.63
unico	13.5*	Max WS	TR200_D1	3.80	320.78	321.44	321.60	321.95	0.203366	3.16			1.20	2.93	1.57
unico	13.5*	Max WS	TR200_D2	2.30	320.78	321.29	321.42	321.71	0.224462	2.87			0.80	2.47	1.61
unico	13.375*	Max WS	TR200_D0.5	5.70	320.43	321.21	321.42	321.87	0.225734	3.61			1.58	3.40	1.69
unico	13.375*	Max WS	TR200_D1	3.80	320.43	321.09	321.25	321.60	0.208474	3.16			1.20	3.00	1.59
unico	13.375*	Max WS	TR200_D2	2.30	320.43	320.94	321.08	321.36	0.228261	2.87			0.80	2.50	1.62
unico	13.25*	Max WS	TR200_D0.5	5.70	320.08	320.84	321.04	321.49	0.218010	3.56			1.60	3.42	1.67
unico	13.25*	Max WS	TR200_D1	3.80	320.08	320.72	320.88	321.25	0.231302	3.22			1.18	3.16	1.68
unico	13.25*	Max WS	TR200_D2	2.30	320.08	320.57	320.72	321.04	0.275336	3.02			0.76	2.58	1.77
unico	13.125*	Max WS	TR200_D0.5	5.70	319.73	320.52	320.68	321.11	0.163956	3.40			1.68	2.86	1.42
unico	13.125*	Max WS	TR200_D1	3.80	319.73	320.37	320.50	320.84	0.173745	3.05			1.25	2.75	1.45
unico	13.125*	Max WS	TR200_D2	2.30	319.73	320.21	320.33	320.61	0.224390	2.81			0.82	2.63	1.61
unico	13	Max WS	TR200_D0.5	5.70	319.38	320.03	320.46	321.22	0.395774	4.82			1.18	2.12	2.06
unico	13	Max WS	TR200_D1	3.80	319.38	319.90	320.17	320.79	0.367036	4.16			0.91	2.03	1.98
unico	13	Max WS	TR200_D2	2.30	319.38	319.78	319.96	320.37	0.321976	3.40			0.68	1.95	1.85
unico	12.5*	Max WS	TR200_D0.5	5.69	318.75	319.26	319.58	320.39	0.423008	4.69			1.21	2.81	2.28
unico	12.5*	Max WS	TR200_D1	3.80	318.75	319.15	319.41	320.07	0.470984	4.25			0.89	2.71	2.37
unico	12.5*	Max WS	TR200_D2	2.30	318.75	319.06	319.24	319.68	0.439536	3.50			0.66	2.63	2.23
unico	12	Max WS	TR200_D0.5	5.69	318.12	318.73	318.86	319.21	0.145436	3.08			1.85	3.74	1.40
unico	12	Max WS	TR200_D1	3.80	318.12	318.60	318.70	318.99	0.158851	2.78			1.36	3.51	1.43
unico	12	Max WS	TR200_D2	2.30	318.12	318.48	318.55	318.77	0.160069	2.36			0.97	3.31	1.39
unico	11.8888*	Max WS	TR200_D0.5	5.69	317.82	318.45	318.59	318.96	0.154916	3.15			1.81	3.84	1.46
unico	11.8888*	Max WS	TR200_D1	3.80	317.82	318.33	318.44	318.73	0.163937	2.82			1.35	3.58	1.47
unico	11.8888*	Max WS	TR200_D2	2.30	317.82	318.21	318.30	318.52	0.177473	2.45			0.94	3.34	1.47
unico	11.7777*	Max WS	TR200_D0.5	5.69	317.52	318.17	318.32	318.69	0.161238	3.18			1.79	3.92	1.51
unico	11.7777*	Max WS	TR200_D1	3.80	317.52	318.05	318.17	318.46	0.169633	2.85			1.33	3.64	1.50
unico	11.7777*	Max WS	TR200_D2	2.30	317.52	317.93	318.02	318.25	0.191308	2.51			0.92	3.36	1.54
unico	11.6666*	Max WS	TR200_D0.5	5.69	317.22	317.88	318.04	318.41	0.167159	3.22			1.77	3.98	1.54
unico	11.6666*	Max WS	TR200_D1	3.80	317.22	317.76	317.89	318.19	0.177018	2.89			1.32	3.68	1.54
unico	11.6666*	Max WS	TR200_D2	2.30	317.22	317.64	317.74	317.99	0.213265	2.61			0.88	3.36	1.63
unico	11.5555*	Max WS	TR200_D0.5	5.69	316.92	317.58	317.75	318.12	0.171390	3.24			1.76	4.02	1.56
unico	11.5555*	Max WS	TR200_D1	3.80	316.92	317.47	317.60	317.90	0.184540	2.93			1.30	3.69	1.58
unico	11.5555*	Max WS	TR200_D2	2.30	316.92	317.34	317.45	317.71	0.227689	2.71			0.85	3.22	1.69
unico	11.4444*	Max WS	TR200_D0.5	5.69	316.63	317.28	317.44	317.82	0.173532	3.25			1.75	4.03	1.58
unico	11.4444*	Max WS	TR200_D1	3.80	316.63	317.15	317.30	317.62	0.197520	3.01			1.26	3.63	1.63
unico	11.4444*	Max WS	TR200_D2	2.30	316.63	317.03	317.15	317.41	0.218158	2.73			0.84	3.05	1.66
unico	11.3333*	Max WS	TR200_D0.5	5.69	316.33	316.97	317.13	317.51	0.174335	3.26			1.75	4.03	1.58
unico	11.3333*	Max WS	TR200_D1	3.80	316.33	316.83	316.99	317.32	0.200858	3.08			1.24	3.48	1.65
unico	11.3333*	Max WS	TR200_D2	2.30	316.33	316.72	316.83	317.08	0.201581	2.68			0.86	3.01	1.60
unico	11.2222*	Max WS	TR200_D0.5	5.69	316.03	316.65	316.82	317.20	0.171784	3.27			1.74	3.94	1.57
unico	11.2222*	Max WS	TR200_D1	3.80	316.03	316.51	316.66	317.00	0.200596	3.08			1.23	3.44	1.65
unico	11.2222*	Max WS	TR200_D2	2.30	316.03	316.40	316.51	316.77	0.207849	2.70			0.85	3.02	1.62
unico	11.1111*	Max WS	TR200_D0.5	5.69	315.73	316.35	316.49	316.84	0.150482	3.11			1.83	4.00	1.47
unico	11.1111*	Max WS	TR200_D1	3.80	315.73	316.24	316.34	316.61	0.142310	2.71			1.40	3.63	1.39
unico	11.1111*	Max WS	TR200_D2	2.30	315.73	316.13	316.19	316.38	0.126067	2.24			1.03	3.27	1.28
unico	11	Max WS	TR200_D0.5	5.69	315.43	315.88	316.16	316.85	0.404707	4.37			1.30	3.61	2.32
unico	11	Max WS	TR200_D1	3.80	315.43	315.79	316.01	316.54	0.396610	3.83			0.99	3.33	2.24
unico	11	Max WS	TR200_D2	2.30	315.43	315.69	315.86	316.28	0.443971	3.38			0.68	3.03	2.28
unico	10.8888*	Max WS	TR200_D0.5	5.69	314.74	315.22	315.51	316.22	0.404519	4.43			1.28	3.49	2.33
unico	10.8888*	Max WS	TR200_D1	3.80	314.74	315.12	315.35	315.91	0.410845	3.95			0.96	3.18	2.29
unico	10.8888*	Max WS	TR200_D2	2.30	314.74	315.04	315.20	315.56	0.354318	3.21			0.72	2.92	2.07
unico	10.7777*	Max WS	TR200_D0.5	5.69	314.05	314.56	314.85	315.55	0.388207	4.41			1.29	3.43	2.29
unico	10.7777*	Max WS	TR200_D1	3.80	314.05	314.45	314.69	315.27	0.410100	4.00			0.95	3.07	2.30
unico	10.7777*	Max WS	TR200_D2	2.30	314.05	314.36	314.53	314.94	0.387721	3.37			0.68	2.76	2.17
unico	10.6666*	Max WS	TR200_D0.5	5.69	313.36	313.90	314.18	314.87	0.373236	4.36			1.30	3.43	2.26
unico	10.6666*	Max WS	TR200_D1	3.80	313.36	313.78	314.03	314.62	0.417061	4.06			0.94	3.01	2.32
unico	10.6666*	Max WS	TR200_D2	2.30	313.36	313.67	313.87	314.36	0.470724	3.66			0.63	2.60	2.38
unico	10.5555*	Max WS	TR200_D0.5	5.69	312.67	313.23	313.51	314.20	0.377653	4.36			1.30	3.47	2.27
unico	10.5555*	Max WS	TR200_D1	3.80	312.67	313.11	313.36	313.98	0.442332	4.14			0.92	3.00	2.39
unico	10.5555*	Max WS	TR200_D2	2.30	312.67	313.01	313.20	313.66	0.425727	3.55			0.65	2.60	2.27
unico	10.4444*	Max WS	TR200_D0.5	5.69	311.97	312.55	312.84	313.53	0.373205	4.37			1.30	3.39	2.25
unico	10.4444*	Max WS	TR200_D1	3.80	311.97	312.43	312.68	313.33	0.480530	4.21			0.90	3.07	2.48
unico	10.4444*	Max WS	TR200_D2	2.30	311.97	312.34	312.53	313.00	0.458582	3.62			0.64	2.63	2.35
unico	10.3333*	Max WS	TR200_D0.5	5.69	311.28	311.87	312.16	312.84	0.361763	4.36			1.31	3.30	2.21
unico	10.3333*	Max WS	TR200_D1	3.80	311.28	311.76	312.00	312.60	0.427077	4.07			0.93	3.03	2.34
unico	10.3333*	Max WS	TR200_D2	2.30	311.28	311.65	311.84	312.31	0.482949	3.60			0.64	2.79	2.40
unico	10.2222*	Max WS	TR200_D0.5	5.69	310.59	311.17	311.49	312.22	0.397595	4.54			1.25	3.15	2.30
unico	10.2222*	Max WS	TR200_D1	3.80	310.59	311.05	311.31	311.99	0.489179	4.30			0.88	2.89	2.48
unico	10.2222*	Max WS	TR200_D2	2.30	310.59	310.96	311.15	311.61	0.454657	3.55			0.65	2.70	2.32
unico	10.1111*	Max WS	TR200_D0.5	5.69	309.90	310.51	310.88	311.40	0.304383	4.18			1.36	3.09	2.01

HEC-RAS River: fosso Bagnacci Reach: unico Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
unico	10.1111*	Max WS	TR200_D1	3.80	309.90	310.38	310.61	311.14	0.343601	3.85			0.99	2.85	2.08
unico	10.1111*	Max WS	TR200_D2	2.30	309.90	310.26	310.44	310.90	0.433445	3.53			0.65	2.60	2.26
unico	10	Max WS	TR200_D0.5	5.69	309.21	310.20		310.30	0.021096	1.59	1.00	0.50	4.30	11.46	0.56
unico	10	Max WS	TR200_D1	3.80	309.21	310.08		310.17	0.021026	1.43	0.73	0.26	3.10	9.39	0.55
unico	10	Max WS	TR200_D2	2.30	309.21	309.88		309.99	0.030813	1.44			1.60	3.07	0.64
unico	9.85714*	Max WS	TR200_D0.5	5.69	309.16	310.16		310.29	0.024344	1.70	0.95	0.52	4.02	10.89	0.60
unico	9.85714*	Max WS	TR200_D1	3.80	309.16	310.04		310.16	0.025375	1.56	0.61	0.26	2.81	9.23	0.60
unico	9.85714*	Max WS	TR200_D2	2.30	309.16	309.84		309.95	0.031275	1.46			1.58	3.01	0.64
unico	9.71428*	Max WS	TR200_D0.5	5.69	309.10	310.12		310.27	0.029119	1.85	0.86	0.55	3.70	10.63	0.66
unico	9.71428*	Max WS	TR200_D1	3.80	309.10	309.99	309.82	310.14	0.031400	1.71	0.38	0.23	2.42	9.10	0.66
unico	9.71428*	Max WS	TR200_D2	2.30	309.10	309.79		309.91	0.032661	1.49			1.54	2.93	0.66
unico	9.57142*	Max WS	TR200_D0.5	5.69	309.05	310.07	310.09	310.27	0.036548	2.05	0.71	0.58	3.27	10.47	0.73
unico	9.57142*	Max WS	TR200_D1	3.80	309.05	309.94		310.10	0.037203	1.82	0.21	0.13	2.11	4.81	0.71
unico	9.57142*	Max WS	TR200_D2	2.30	309.05	309.74		309.86	0.035251	1.54			1.49	2.85	0.68
unico	9.42857*	Max WS	TR200_D0.5	5.68	308.99	310.02	310.09	310.27	0.046353	2.25	0.55	0.57	2.76	8.35	0.81
unico	9.42857*	Max WS	TR200_D1	3.80	308.99	309.87		310.05	0.043576	1.92			1.98	3.07	0.76
unico	9.42857*	Max WS	TR200_D2	2.30	308.99	309.68		309.81	0.039630	1.61			1.43	2.76	0.72
unico	9.28571*	Max WS	TR200_D0.5	5.68	308.94	309.94	309.89	310.24	0.059280	2.44	0.35	0.47	2.37	5.08	0.90
unico	9.28571*	Max WS	TR200_D1	3.80	308.94	309.78		310.00	0.052899	2.06			1.84	2.94	0.83
unico	9.28571*	Max WS	TR200_D2	2.30	308.94	309.60		309.76	0.047126	1.72			1.34	2.65	0.77
unico	9.14285*	Max WS	TR200_D0.5	5.68	308.88	309.83	309.85	310.21	0.084871	2.74			2.07	3.02	1.06
unico	9.14285*	Max WS	TR200_D1	3.80	308.88	309.68	309.66	309.95	0.071598	2.31			1.65	2.78	0.96
unico	9.14285*	Max WS	TR200_D2	2.30	308.88	309.51		309.70	0.064060	1.93			1.19	2.51	0.89
unico	9	Max WS	TR200_D0.5	5.68	308.83	309.59	309.81	310.32	0.206960	3.80			1.50	2.65	1.61
unico	9	Max WS	TR200_D1	3.80	308.83	309.44	309.62	310.02	0.200786	3.36			1.13	2.42	1.57
unico	9	Max WS	TR200_D2	2.30	308.83	309.28	309.42	309.75	0.234498	3.06			0.75	2.15	1.65
unico	8.88888*	Max WS	TR200_D0.5	5.68	308.43	309.23	309.46	309.97	0.204032	3.80			1.50	2.57	1.59
unico	8.88888*	Max WS	TR200_D1	3.80	308.43	309.07	309.26	309.67	0.208243	3.42			1.11	2.33	1.58
unico	8.88888*	Max WS	TR200_D2	2.30	308.43	308.91	309.06	309.39	0.231715	3.07			0.75	2.08	1.64
unico	8.77777*	Max WS	TR200_D0.5	5.68	308.02	308.88	309.14	309.61	0.199338	3.78			1.50	2.50	1.56
unico	8.77777*	Max WS	TR200_D1	3.80	308.02	308.71	308.89	309.32	0.213328	3.47			1.09	2.24	1.59
unico	8.77777*	Max WS	TR200_D2	2.30	308.02	308.54	308.69	309.02	0.223929	3.06			0.75	2.01	1.60
unico	8.66666*	Max WS	TR200_D0.5	5.68	307.62	308.52	308.81	309.26	0.200374	3.81			1.49	2.40	1.54
unico	8.66666*	Max WS	TR200_D1	3.80	307.62	308.34	308.53	308.96	0.214415	3.50			1.08	2.15	1.58
unico	8.66666*	Max WS	TR200_D2	2.30	307.62	308.18	308.32	308.65	0.216553	3.05			0.75	1.93	1.56
unico	8.55555*	Max WS	TR200_D0.5	5.68	307.22	308.15	308.46	308.92	0.210939	3.89			1.46	2.29	1.56
unico	8.55555*	Max WS	TR200_D1	3.80	307.22	307.97	308.16	308.61	0.214136	3.52			1.08	2.06	1.55
unico	8.55555*	Max WS	TR200_D2	2.30	307.22	307.81	307.95	308.28	0.211376	3.05			0.75	1.84	1.53
unico	8.44444*	Max WS	TR200_D0.5	5.68	306.81	307.78	308.10	308.59	0.221592	3.99	0.27		1.43	2.23	1.57
unico	8.44444*	Max WS	TR200_D1	3.80	306.81	307.61	307.80	308.24	0.210228	3.52			1.08	1.97	1.51
unico	8.44444*	Max WS	TR200_D2	2.30	306.81	307.43	307.57	307.91	0.210895	3.08			0.75	1.74	1.50
unico	8.33333*	Max WS	TR200_D0.5	5.68	306.41	307.42	307.74	308.23	0.217924	4.01	0.86		1.43	2.35	1.53
unico	8.33333*	Max WS	TR200_D1	3.80	306.41	307.25	307.45	307.87	0.206433	3.50			1.08	1.87	1.47
unico	8.33333*	Max WS	TR200_D2	2.30	306.41	307.05	307.19	307.54	0.214785	3.12			0.74	1.64	1.49
unico	8.22222*	Max WS	TR200_D0.5	5.68	306.01	307.10	307.38	307.81	0.174770	3.78	1.38	0.71	1.56	2.91	1.35
unico	8.22222*	Max WS	TR200_D1	3.80	306.01	306.88	307.11	307.50	0.204428	3.49			1.09	1.76	1.42
unico	8.22222*	Max WS	TR200_D2	2.30	306.01	306.66	306.81	307.17	0.219632	3.16			0.73	1.53	1.46
unico	8.11111*	Max WS	TR200_D0.5	5.66	305.60	306.89	307.00	307.29	0.084821	2.94	1.60	1.19	2.15	4.42	0.93
unico	8.11111*	Max WS	TR200_D1	3.80	305.60	306.52	306.76	307.14	0.203739	3.49	0.38		1.09	1.71	1.36
unico	8.11111*	Max WS	TR200_D2	2.30	305.60	306.29	306.42	306.78	0.205635	3.08			0.75	1.43	1.36
unico	8	Max WS	TR200_D0.5	5.65	305.20	306.80		306.92	0.023157	1.75	1.26	1.19	3.72	6.26	0.48
unico	8	Max WS	TR200_D1	3.80	305.20	306.19	306.41	306.74	0.172543	3.29	1.04		1.17	1.92	1.19
unico	8	Max WS	TR200_D2	2.30	305.20	305.99	306.02	306.36	0.144955	2.68			0.86	1.38	1.08
unico	7	Max WS	TR200_D0.5	5.63	305.20	306.83		306.88	0.005940	1.14	0.64	0.77	6.14	9.80	0.31
unico	7	Max WS	TR200_D1	3.80	305.20	306.17		306.41	0.054081	2.22		1.18	1.78	3.10	0.84
unico	7	Max WS	TR200_D2	2.30	305.20	305.97		306.16	0.054349	1.92		0.71	1.22	2.50	0.82
unico	6.66666*	Max WS	TR200_D0.5	5.63	305.05	306.83		306.86	0.003893	0.93	0.63	0.65	7.37	10.59	0.24
unico	6.66666*	Max WS	TR200_D1	3.80	305.05	306.07	306.06	306.35	0.063177	2.37	0.48	1.06	1.68	3.46	0.87
unico	6.66666*	Max WS	TR200_D2	2.30	305.05	305.87		306.07	0.063018	2.00		0.44	1.15	2.14	0.83
unico	6.33333*	Max WS	TR200_D0.5	5.64	304.89	306.83		306.86	0.002624	0.76	0.60	0.57	8.71	11.48	0.19
unico	6.33333*	Max WS	TR200_D1	3.80	304.89	305.94	306.04	306.28	0.082694	2.59	0.83	0.86	1.56	3.64	0.92
unico	6.33333*	Max WS	TR200_D2	2.30	304.89	305.73		305.98	0.084254	2.20			1.04	1.70	0.90
unico	6	Max WS	TR200_D0.5	5.63	304.74	306.84		306.85	0.001802	0.60	0.54	0.51	10.20	12.52	0.14
unico	6	Max WS	TR200_D1	3.80	304.74	305.76	305.95	306.23	0.146872	3.09	1.13		1.30	2.92	1.10
unico	6	Max WS	TR200_D2	2.30	304.74	305.50	305.57	305.90	0.167089	2.83			0.81	1.35	1.17
unico	5.8*	Max WS	TR200_D0.5	5.63	304.46	306.84		306.85	0.001208	0.53	0.48	0.46	11.48	12.19	0.12
unico	5.8*	Max WS	TR200_D1	3.80	304.46	305.58	305.70	305.95	0.104802	2.74	1.12	0.53	1.47	3.11	0.93
unico	5.8*	Max WS	TR200_D2	2.30	304.46	305.23	305.29	305.62	0.157767	2.76			0.83	1.34	1.12
unico	5.6*	Max WS	TR200_D0.5	5.64	304.17	306.84		306.85	0.000891	0.48	0.44	0.42	12.52	11.75	0.10
unico	5.6*	Max WS	TR200_D1	3.80	304.17	305.46	305.41	305.70	0.060294	2.26	1.11	0.85	1.83	3.64	0.71
unico	5.6*	Max WS	TR200_D2	2.30	304.17	304.99	305.01	305.34	0.137947	2.62			0.88	1.34	1.03
unico	5.4*	Max WS	TR200_D0.5	5.64	303.89	306.84		306.85	0.000717	0.45	0.42	0.39	13.30	11.26	0.09
unico	5.4*	Max WS	TR200_D1	3.80	303.89	305.39		305.53	0.029497	1.75	1.03	0.91	2.43	4.18	0.50
unico	5.4*	Max WS	TR200_D2	2.30	303.89	304.79		305.07	0.104314	2.35			0.98	1.36	0.88
unico	5.2*	Max WS	TR200_D0.5	5.63	303.60	306.84		306.84	0.000638	0.45	0.41	0.33	13.93	11.64	0.08
unico	5.2*	Max WS	TR200_D1	3.80	303.60	305.38		305.45	0.013110	1.30	0.92	0.80	3.26	4.49	0.34
unico	5.2*	Max WS	TR200_D2	2.30	303.60	304.65		304.85	0.067496	1.98			1.16	1.42	0.70
unico	5	Max WS	TR200_D0.5	5.63	303.32	306.84		306.84	0.000540	0.43	0.39	0.25	15.63	15.29	0.08
unico	5	Max WS	TR200_D1	3.80	303.32	305.38		305.43	0.006847	1.03	0.80	0.66	4.08	4.53	0.24
unico	5	Max WS	TR200_D2	2.30	303.32	304.56		304.69	0.037528	1.61	0.28	0.36	1.44	1.71	0.52
unico	4.88888*	Max WS	TR200_D0.5	5.63	303.13	306.84		306.84	0.000284	0.34	0.31	0.22	19.48	16.19	0.06
unico	4.88888*	Max WS	TR200_D1	3.80	303.13	305.39		305.42	0.002928	0.76	0.63	0.54	5.54	5.58	0.17

HEC-RAS River: fosso Bagnacci Reach: unico Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
unico	4.88888*	Max WS	TR200_D2	2.30	303.13	304.54		304.62	0.017266	1.27	0.61	0.56	1.91	2.75	0.38
unico	4.6			Culvert											
unico	4.55555*	Max WS	TR200_D0.5	5.63	302.56	303.71	303.92	304.34	0.134268	3.58	1.77	1.53	1.69	2.97	1.20
unico	4.55555*	Max WS	TR200_D1	3.80	302.56	303.55	303.69	304.03	0.128889	3.08	1.14	0.86	1.27	2.29	1.14
unico	4.55555*	Max WS	TR200_D2	2.30	302.56	303.37	303.39	303.69	0.121313	2.52			0.91	1.60	1.07
unico	4.44444*	Max WS	TR200_D0.5	5.63	302.38	303.46	303.68	304.10	0.135108	3.64	1.87	1.58	1.67	3.14	1.26
unico	4.44444*	Max WS	TR200_D1	3.80	302.38	303.31	303.47	303.81	0.131929	3.16	1.31	0.94	1.25	2.46	1.20
unico	4.44444*	Max WS	TR200_D2	2.30	302.38	303.14	303.19	303.48	0.127240	2.60	0.47		0.89	1.76	1.13
unico	4.33333*	Max WS	TR200_D0.5	5.63	302.19	303.21	303.43	303.86	0.137388	3.71	1.97	1.63	1.66	3.30	1.32
unico	4.33333*	Max WS	TR200_D1	3.80	302.19	303.07	303.23	303.58	0.130442	3.19	1.46	1.03	1.25	2.66	1.25
unico	4.33333*	Max WS	TR200_D2	2.30	302.19	302.90	302.99	303.27	0.135865	2.69	0.76		0.86	1.90	1.22
unico	4.22222*	Max WS	TR200_D0.5	5.63	302.00	302.96	303.18	303.62	0.136591	3.74	2.06	1.67	1.66	3.50	1.37
unico	4.22222*	Max WS	TR200_D1	3.80	302.00	302.83	303.00	303.35	0.133610	3.25	1.60	1.11	1.24	2.84	1.31
unico	4.22222*	Max WS	TR200_D2	2.30	302.00	302.67	302.78	303.05	0.136660	2.72	1.02	0.16	0.86	2.08	1.26
unico	4.11111*	Max WS	TR200_D0.5	5.63	301.81	302.71	302.93	303.37	0.135128	3.75	2.14	1.71	1.68	3.72	1.41
unico	4.11111*	Max WS	TR200_D1	3.80	301.81	302.58	302.76	303.12	0.141496	3.34	1.75	1.18	1.22	3.01	1.39
unico	4.11111*	Max WS	TR200_D2	2.30	301.81	302.45	302.56	302.81	0.128492	2.70	1.22	0.44	0.88	2.33	1.27
unico	4	Max WS	TR200_D0.5	5.63	301.62	302.46	302.68	303.13	0.143387	3.83	2.25	1.77	1.66	3.90	1.49
unico	4	Max WS	TR200_D1	3.80	301.62	302.32	302.52	302.91	0.163937	3.51	1.94	1.26	1.16	3.11	1.53
unico	4	Max WS	TR200_D2	2.30	301.62	302.19	302.33	302.62	0.163813	2.93	1.45	0.47	0.81	2.38	1.46
unico	3.8*	Max WS	TR200_D0.5	5.63	301.30	302.20	302.45	302.92	0.152591	3.86	2.01	1.48	1.57	3.23	1.47
unico	3.8*	Max WS	TR200_D1	3.80	301.30	302.05	302.25	302.64	0.164337	3.43	1.57	0.76	1.14	2.56	1.46
unico	3.8*	Max WS	TR200_D2	2.30	301.30	301.90	302.03	302.33	0.174104	2.93	0.92		0.79	2.02	1.44
unico	3.6*	Max WS	TR200_D0.5	5.63	300.99	301.93	302.18	302.64	0.155974	3.77	1.68	1.05	1.55	2.75	1.41
unico	3.6*	Max WS	TR200_D1	3.80	300.99	301.77	301.95	302.34	0.168348	3.34	1.10		1.15	2.19	1.41
unico	3.6*	Max WS	TR200_D2	2.30	300.99	301.59	301.71	302.03	0.185872	2.93			0.79	1.85	1.43
unico	3.4*	Max WS	TR200_D0.5	5.63	300.67	301.66	301.86	302.32	0.155780	3.62	1.28	0.43	1.58	2.40	1.33
unico	3.4*	Max WS	TR200_D1	3.80	300.67	301.47	301.62	302.02	0.176845	3.30	0.33		1.15	2.02	1.38
unico	3.4*	Max WS	TR200_D2	2.30	300.67	301.27	301.39	301.71	0.188151	2.93			0.78	1.77	1.41
unico	3.2*	Max WS	TR200_D0.5	5.63	300.36	301.40	301.52	301.97	0.138122	3.36	0.82		1.68	2.25	1.20
unico	3.2*	Max WS	TR200_D1	3.80	300.36	301.16	301.29	301.68	0.167457	3.20			1.19	1.96	1.31
unico	3.2*	Max WS	TR200_D2	2.30	300.36	300.95	301.06	301.38	0.186935	2.91			0.79	1.74	1.38
unico	3	Max WS	TR200_D0.5	5.63	300.04	301.19	301.18	301.62	0.098156	2.92	0.53		1.93	2.27	0.99
unico	3	Max WS	TR200_D1	3.80	300.04	300.90	300.95	301.32	0.125689	2.86			1.33	1.98	1.12
unico	3	Max WS	TR200_D2	2.30	300.04	300.65	300.72	301.01	0.147116	2.65			0.87	1.76	1.21
unico	2.75*	Max WS	TR200_D0.5	5.63	299.76	300.99		301.42	0.100485	2.89			1.95	1.90	0.91
unico	2.75*	Max WS	TR200_D1	3.80	299.76	300.66	300.67	301.07	0.121317	2.83			1.34	1.74	1.03
unico	2.75*	Max WS	TR200_D2	2.30	299.76	300.37	300.43	300.73	0.144883	2.65			0.87	1.60	1.15
unico	2.5*	Max WS	TR200_D0.5	5.63	299.48	300.80		301.19	0.093496	2.77			2.03	1.71	0.81
unico	2.5*	Max WS	TR200_D1	3.80	299.48	300.43		300.80	0.106569	2.67			1.42	1.62	0.91
unico	2.5*	Max WS	TR200_D2	2.30	299.48	300.10	300.12	300.43	0.130383	2.54			0.91	1.54	1.06
unico	2.25*	Max WS	TR200_D0.5	5.63	299.19	300.62		300.97	0.082466	2.60			2.17	1.59	0.71
unico	2.25*	Max WS	TR200_D1	3.80	299.19	300.24		300.54	0.085240	2.43			1.57	1.55	0.77
unico	2.25*	Max WS	TR200_D2	2.30	299.19	299.88		300.14	0.098954	2.28			1.01	1.51	0.89
unico	2	Max WS	TR200_D0.5	5.63	298.91	300.50		300.78	0.067615	2.37			2.38	1.50	0.60
unico	2	Max WS	TR200_D1	3.80	298.91	300.10		300.33	0.062103	2.12			1.79	1.50	0.62
unico	2	Max WS	TR200_D2	2.30	298.91	299.72		299.90	0.062155	1.90			1.21	1.50	0.67
unico	1.92857*	Max WS	TR200_D0.5	5.63	298.81	300.41		300.72	0.073687	2.44			2.31	1.47	0.62
unico	1.92857*	Max WS	TR200_D1	3.80	298.81	300.03		300.27	0.066374	2.17			1.75	1.45	0.63
unico	1.92857*	Max WS	TR200_D2	2.30	298.81	299.66		299.84	0.063440	1.92			1.20	1.44	0.67
unico	1.85714*	Max WS	TR200_D0.5	5.63	298.70	300.33		300.65	0.080391	2.52			2.23	1.46	0.65
unico	1.85714*	Max WS	TR200_D1	3.80	298.70	299.96		300.21	0.071625	2.23			1.70	1.42	0.65
unico	1.85714*	Max WS	TR200_D2	2.30	298.70	299.59		299.78	0.066045	1.95			1.18	1.38	0.67
unico	1.78571*	Max WS	TR200_D0.5	5.63	298.60	300.24		300.58	0.086791	2.60			2.17	1.47	0.68
unico	1.78571*	Max WS	TR200_D1	3.80	298.60	299.88		300.15	0.077201	2.30			1.65	1.41	0.68
unico	1.78571*	Max WS	TR200_D2	2.30	298.60	299.52		299.72	0.069311	1.98			1.16	1.34	0.68
unico	1.71428*	Max WS	TR200_D0.5	5.63	298.50	300.14		300.50	0.092325	2.66			2.12	1.50	0.71
unico	1.71428*	Max WS	TR200_D1	3.80	298.50	299.80		300.08	0.082901	2.36			1.61	1.41	0.70
unico	1.71428*	Max WS	TR200_D2	2.30	298.50	299.45		299.66	0.073564	2.03			1.14	1.32	0.70
unico	1.64285*	Max WS	TR200_D0.5	5.63	298.39	300.05		300.42	0.095507	2.70			2.09	1.50	0.73
unico	1.64285*	Max WS	TR200_D1	3.80	298.39	299.71		300.00	0.086954	2.40			1.58	1.44	0.73
unico	1.64285*	Max WS	TR200_D2	2.30	298.39	299.37		299.59	0.077204	2.06			1.12	1.32	0.72
unico	1.57142*	Max WS	TR200_D0.5	5.63	298.29	299.95		300.33	0.096823	2.72			2.07	1.50	0.74
unico	1.57142*	Max WS	TR200_D1	3.80	298.29	299.62		299.92	0.087765	2.41			1.58	1.50	0.75
unico	1.57142*	Max WS	TR200_D2	2.30	298.29	299.29		299.51	0.079346	2.08			1.11	1.35	0.73
unico	1.5*	Max WS	TR200_D0.5	5.63	298.18	299.86	299.60	300.23	0.095371	2.71			2.08	1.50	0.73
unico	1.5*	Max WS	TR200_D1	3.80	298.18	299.54	299.34	299.83	0.083730	2.37			1.60	1.50	0.73
unico	1.5*	Max WS	TR200_D2	2.30	298.18	299.22	299.05	299.43	0.077003	2.05			1.12	1.42	0.74
unico	1.4			Bridge											
unico	1	Max WS	TR200_D0.5	5.63	297.46	299.06		299.34	0.021624	2.35			2.40	1.50	0.59
unico	1	Max WS	TR200_D1	3.80	297.46	298.70		298.92	0.018579	2.05			1.85	1.50	0.59
unico	1	Max WS	TR200_D2	2.30	297.46	298.29		298.47	0.019169	1.86			1.24	1.50	0.65
unico	0.96667*	Max WS	TR200_D0.5	5.63	297.46	299.00		299.30	0.053829	2.45			2.30	1.50	0.63
unico	0.96667*	Max WS	TR200_D1	3.80	297.46	298.64		298.88	0.047212	2.15			1.77	1.50	0.63
unico	0.96667*	Max WS	TR200_D2	2.30	297.46	298.23		298.44	0.051892	1.99			1.15	1.50	0.72
unico	0.93333*	Max WS	TR200_D0.5	5.63	297.46	298.90		299.25	0.063041	2.61			2.16	1.50	0.70
unico	0.93333*	Max WS	TR200_D1	3.78	297.46	298.56		298.83	0.056076	2.30			1.64	1.50	0.70
unico	0.93333*	Max WS	TR200_D2	2.30	297.46	298.15		298.41	0.069883	2.23			1.03	1.50	0.86
unico	0.9	Max WS	TR200_D0.5	5.63	297.46	298.83		299.22	0.031789	2.75			2.05	1.50	0.75
unico	0.9	Max WS	TR200_D1	3.76	297.46	298.50		298.80	0.028409	2.42			1.55	1.50	0.76
unico	0.9	Max WS	TR200_D2	2.30	297.46	298.08	298.08	298.40	0.042400	2.50			0.92	1.50	1.02

HEC-RAS River: fosso Bagnacci Reach: unico Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
unico	.85*	Max WS	TR200_D0.5	5.63	297.39	298.82		299.13	0.023304	2.46			2.29	1.61	0.66
unico	.85*	Max WS	TR200_D1	3.77	297.39	298.48		298.72	0.020776	2.17			1.74	1.61	0.67
unico	.85*	Max WS	TR200_D2	2.30	297.39	298.04		298.30	0.030807	2.23			1.03	1.61	0.89
unico	.8*	Max WS	TR200_D0.5	5.63	297.31	298.84		299.08	0.016772	2.18			2.58	1.73	0.57
unico	.8*	Max WS	TR200_D1	3.71	297.31	298.49		298.67	0.014121	1.87			1.99	1.72	0.56
unico	.8*	Max WS	TR200_D2	2.29	297.31	298.02		298.21	0.021944	1.96			1.17	1.72	0.76
unico	.75*	Max WS	TR200_D0.5	5.63	297.24	298.86		299.05	0.012133	1.93			2.91	1.85	0.49
unico	.75*	Max WS	TR200_D1	3.71	297.24	298.51		298.65	0.009907	1.64			2.27	1.84	0.47
unico	.75*	Max WS	TR200_D2	2.30	297.24	298.01		298.16	0.015211	1.71			1.34	1.83	0.64
unico	.7*	Max WS	TR200_D0.5	5.63	297.16	298.88		299.03	0.008931	1.72			3.26	1.97	0.43
unico	.7*	Max WS	TR200_D1	3.70	297.16	298.53		298.64	0.007068	1.44			2.57	1.96	0.40
unico	.7*	Max WS	TR200_D2	2.30	297.16	298.02		298.13	0.009968	1.46			1.57	1.94	0.52
unico	.65	Max WS	TR200_D0.5	5.62	297.09	298.90		299.02	0.006702	1.55			3.63	2.10	0.38
unico	.65	Max WS	TR200_D1	3.45	297.09	298.56		298.63	0.004358	1.18			2.92	2.08	0.32
unico	.65	Max WS	TR200_D2	2.28	297.09	298.03		298.11	0.006498	1.24			1.83	2.05	0.42

ALLEGATI

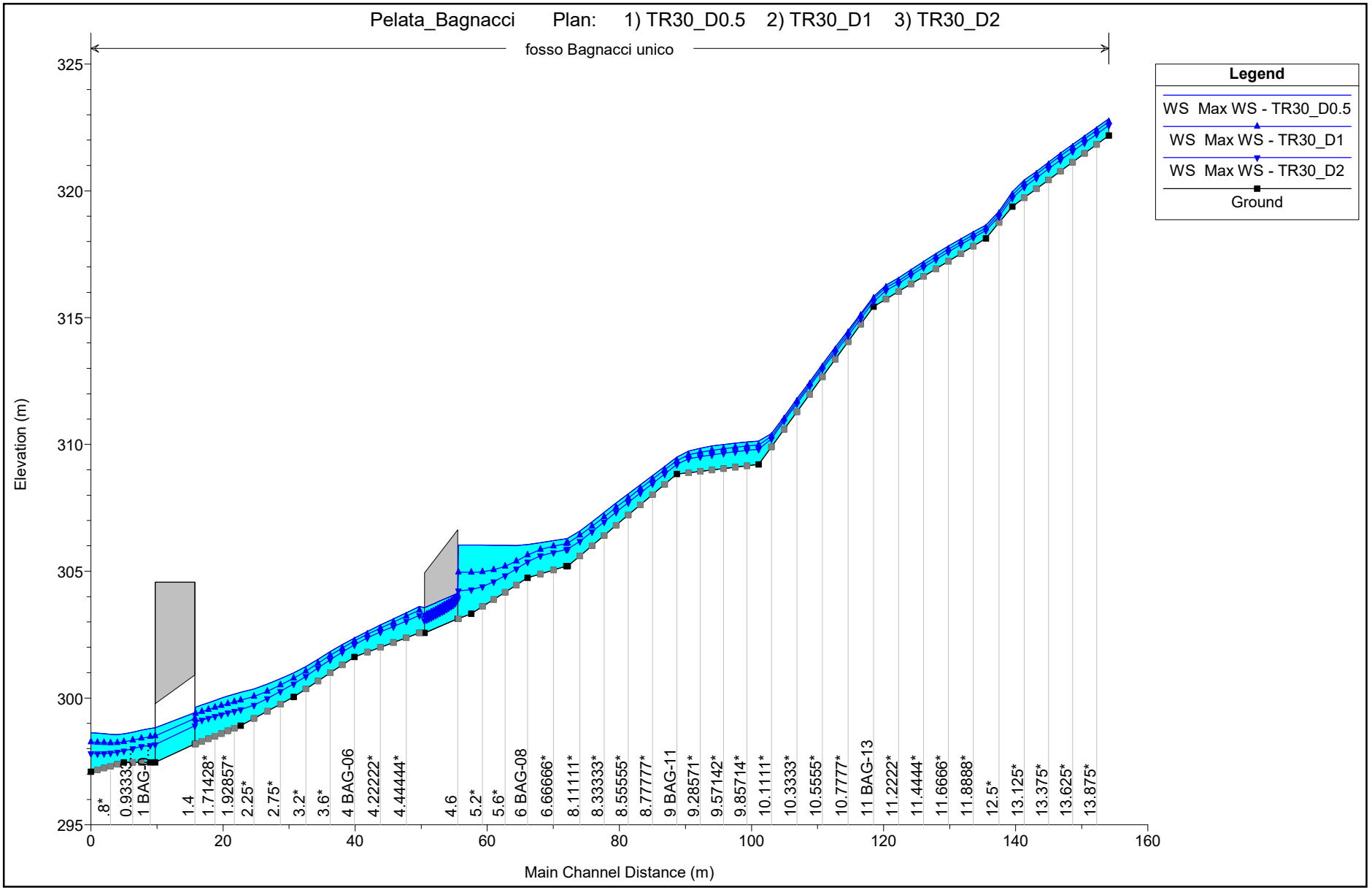
MODELLAZIONE HEC-RAS 5.0.7 "PELATA_BAGNACCI"

FOSSO BAGNACCI

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 0.5, 1h e 2h

Profilo longitudinale


Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
fosso Bagnacci unico
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Elevation (m)
Main Channel Distance (m)
325
320
315
310
305
300
295
0
20
40
60
80
100
120
140
160
.8*
0.9333
1 BAG-01
1.4
1.71428*
1.92857*
2.25*
2.75*
3.2*
3.6*
4 BAG-06
4.22222*
4.44444*
4.6
5.2*
5.6*
6 BAG-08
6.66666*
8.11111*
8.33333*
8.55555*
8.77777*
9 BAG-11
9.28571*
9.57142*
9.85714*
10.1111*
10.3333*
10.5555*
10.7777*
11 BAG-13
11.2222*
11.4444*
11.6666*
11.8888*
12.5*
13.125*
13.375*
13.625*
13.875*

ALLEGATI

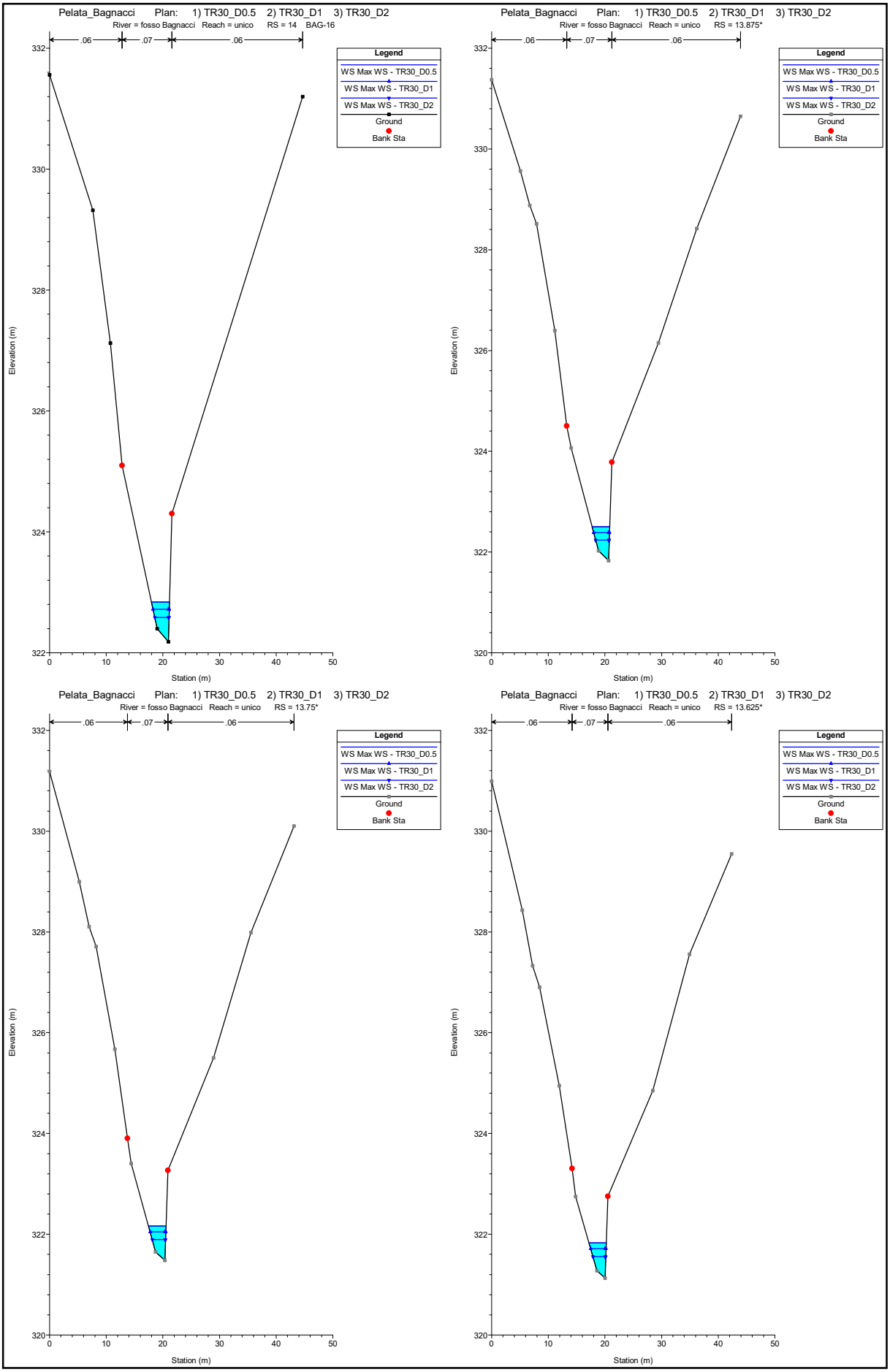
MODELLAZIONE HEC-RAS 5.0.7 "PELATA_BAGNACCI"

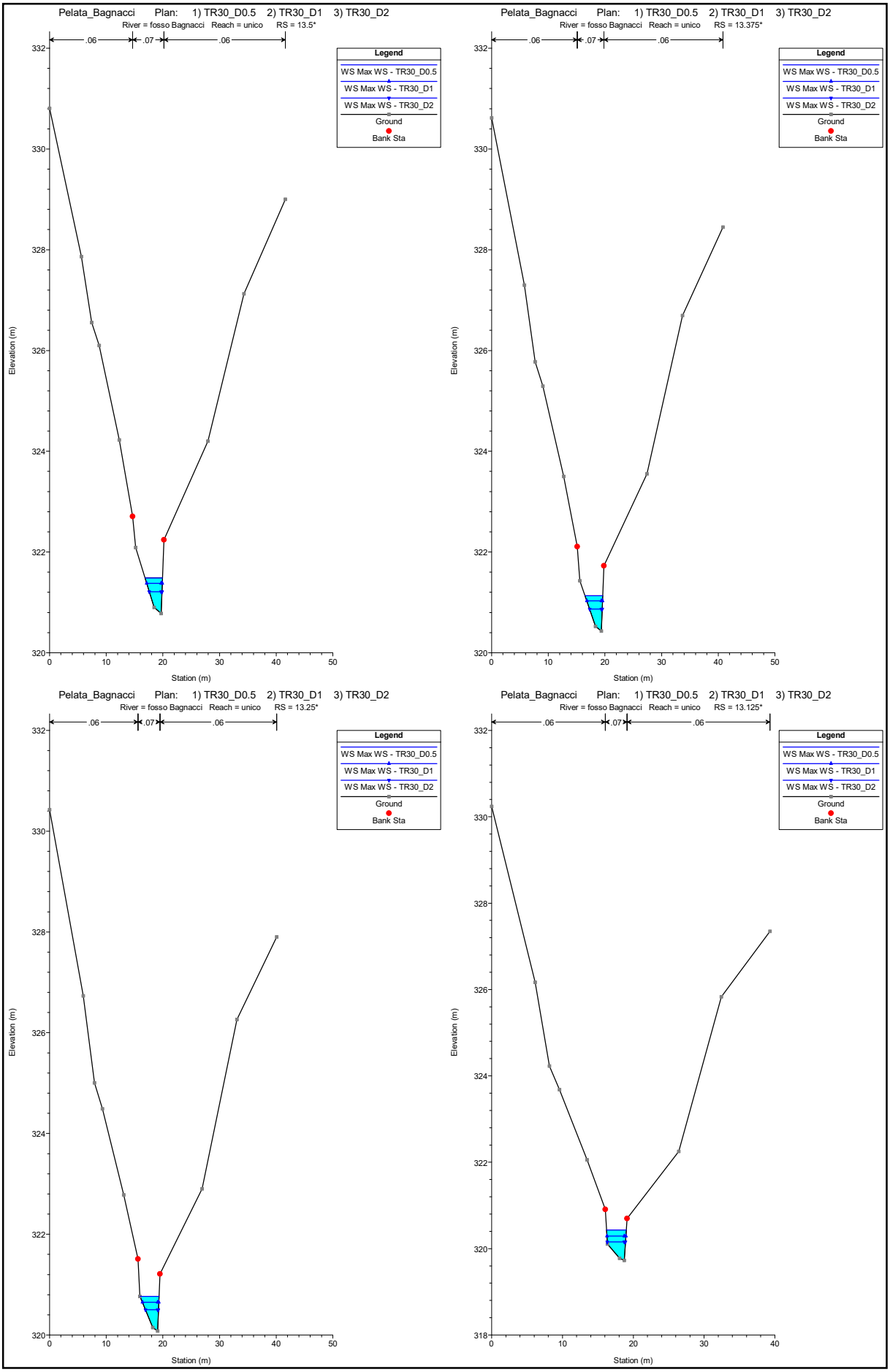
FOSSO BAGNACCI

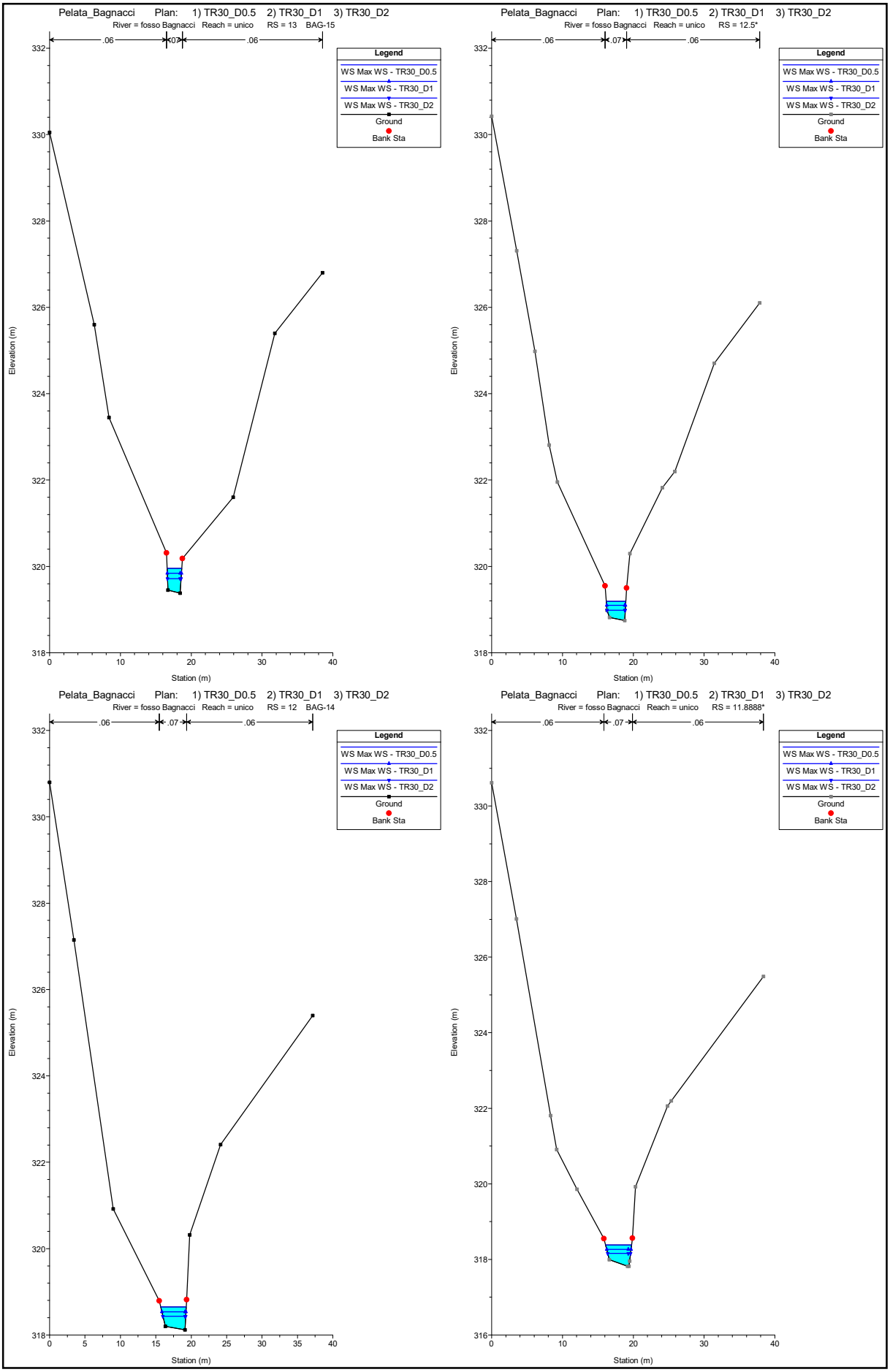
MODELLAZIONE PER TR= 30 anni

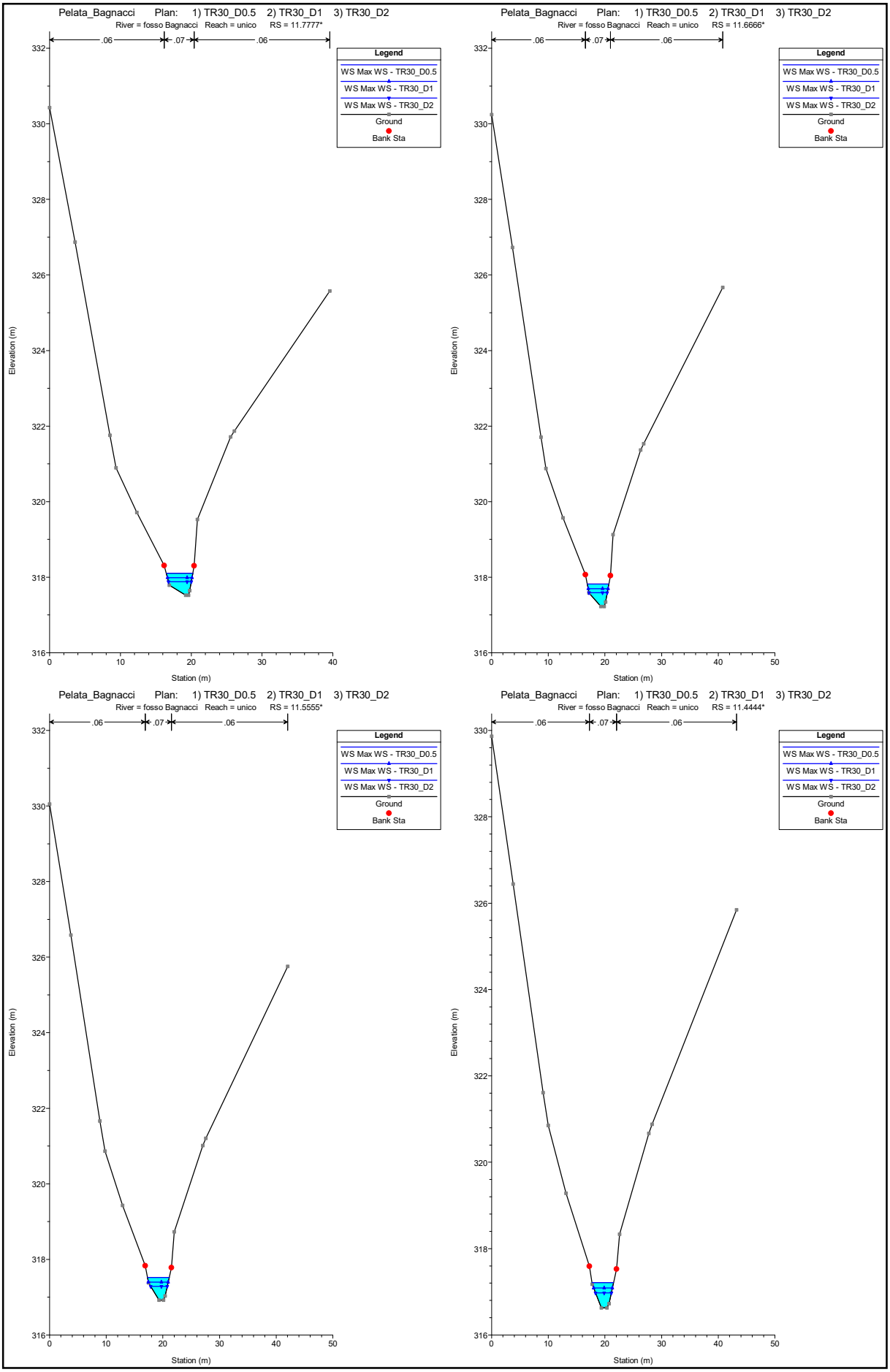
DURATE DI PIOGGIA: 0.5, 1h e 2h

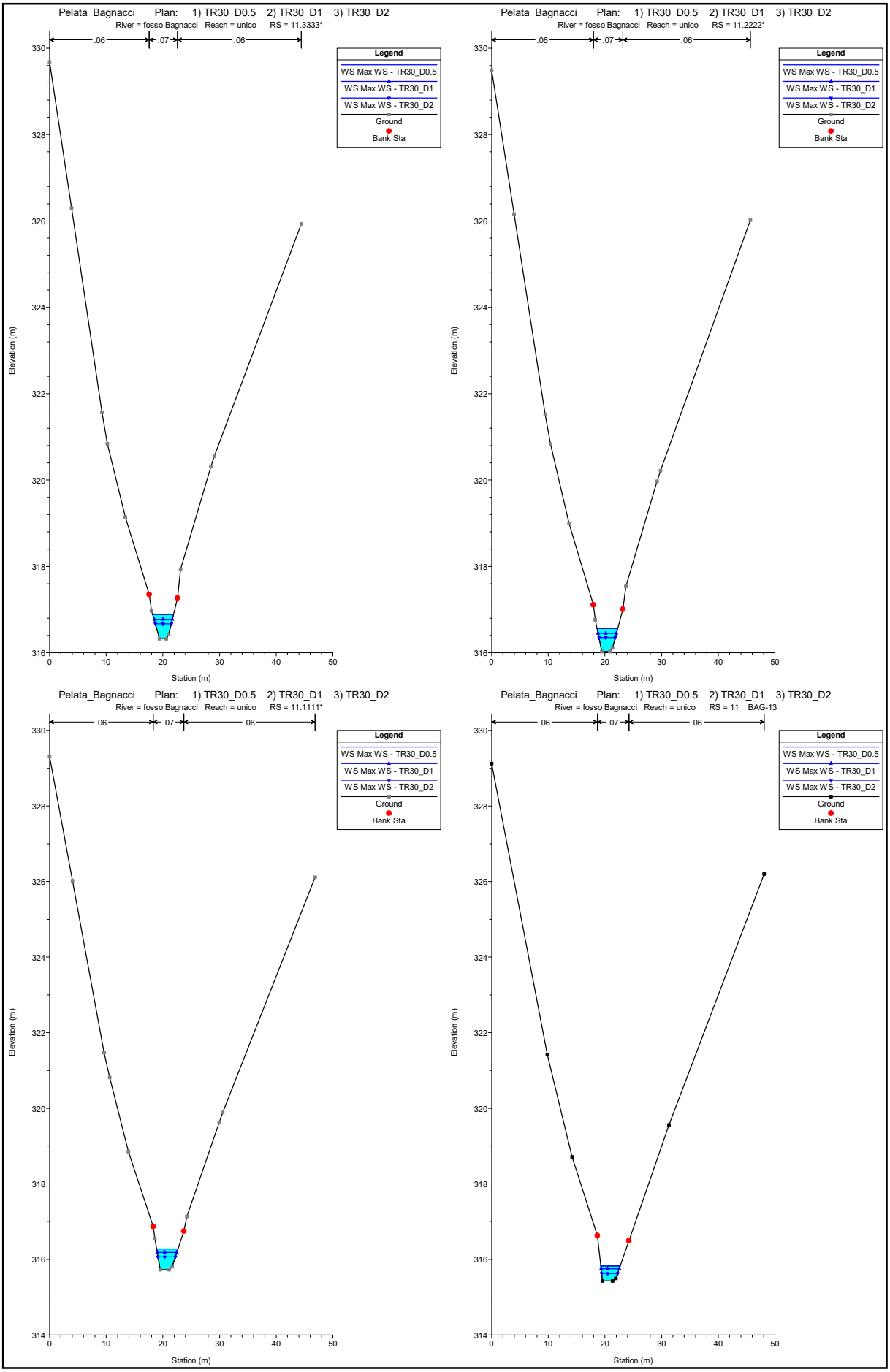
Sezioni Trasversali (da monte verso valle)

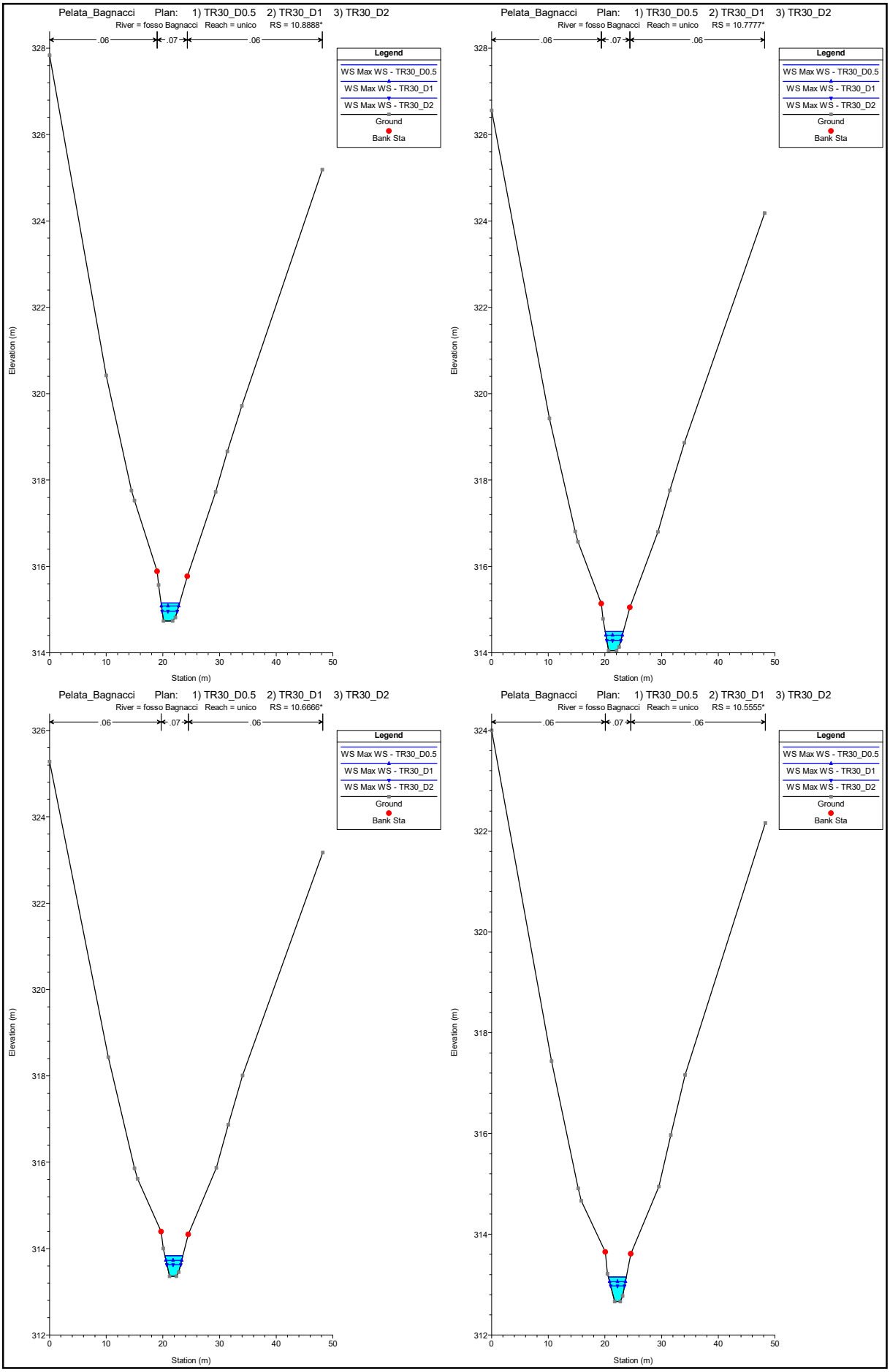

Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = 14 BAG-16
.06 .07 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = 13.875*
.06 .07 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = 13.75*
.06 .07 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = 13.625*
.06 .07 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

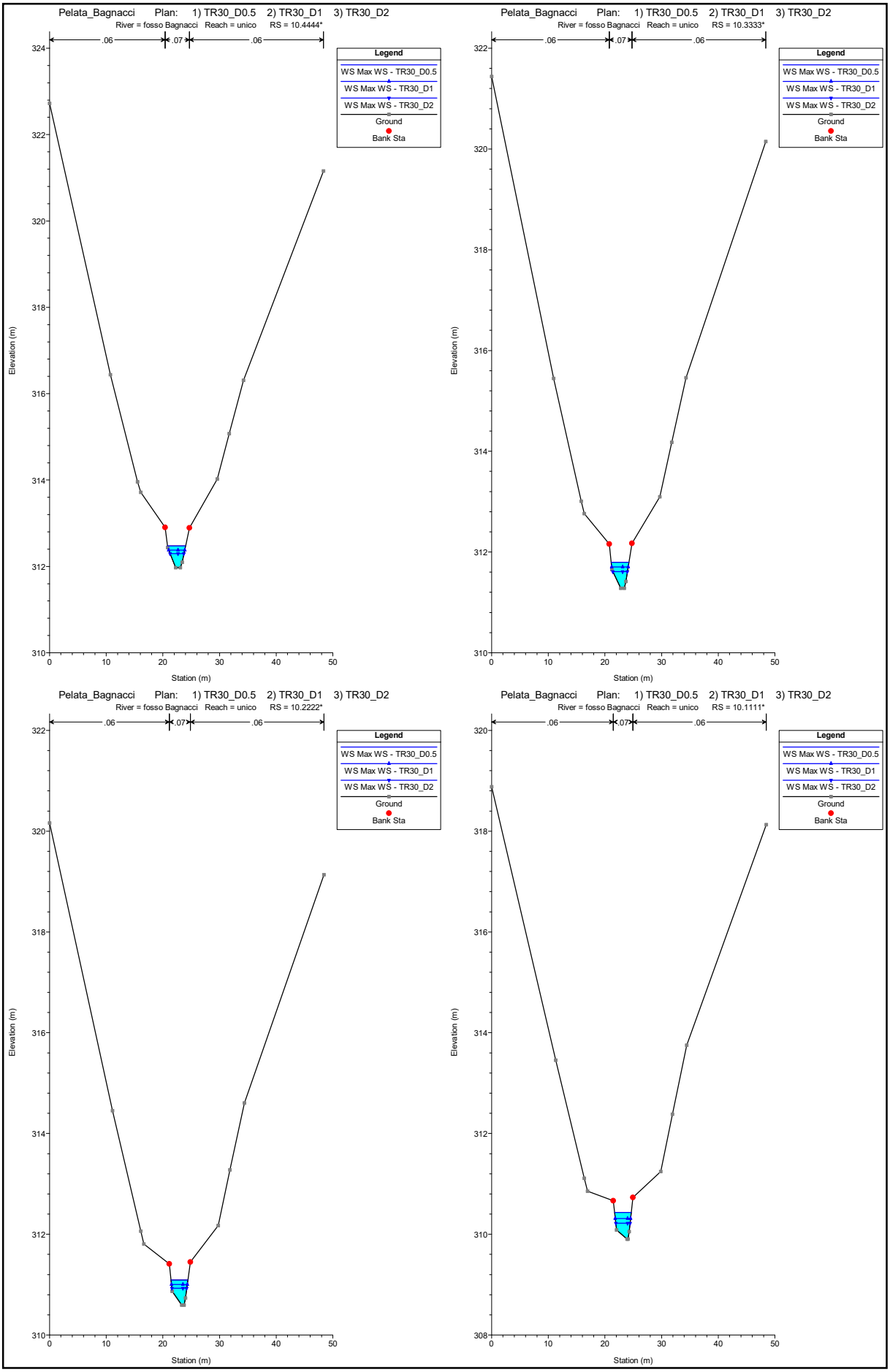

Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = 13.5*
.06
.07
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = 13.375*
.06
.07
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = 13.25*
.06
.07
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = 13.125*
.06
.07
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

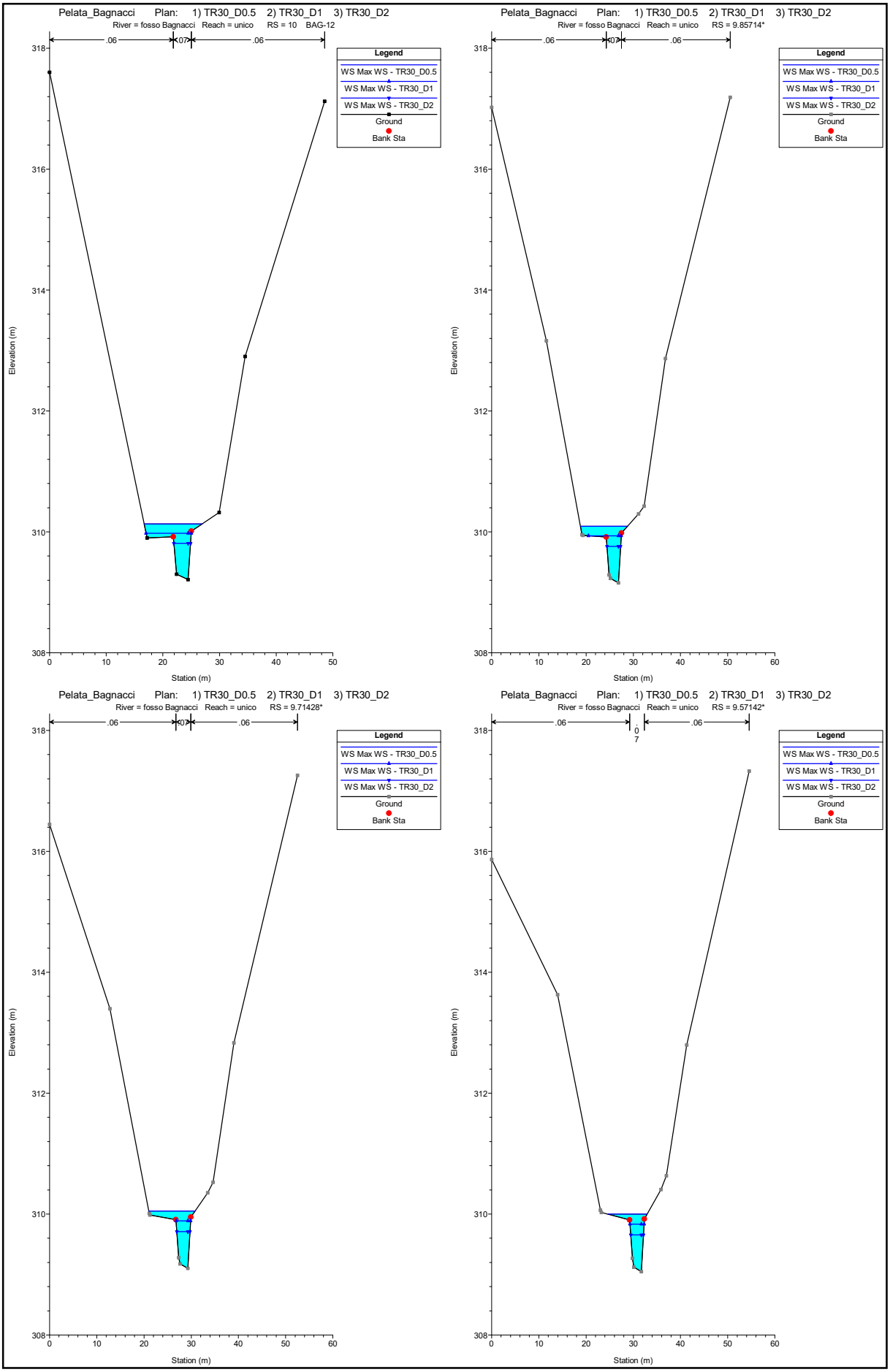

Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = 13 BAG-15
.06
.07
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = 12.5*
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = 12 BAG-14
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = 11.8888*

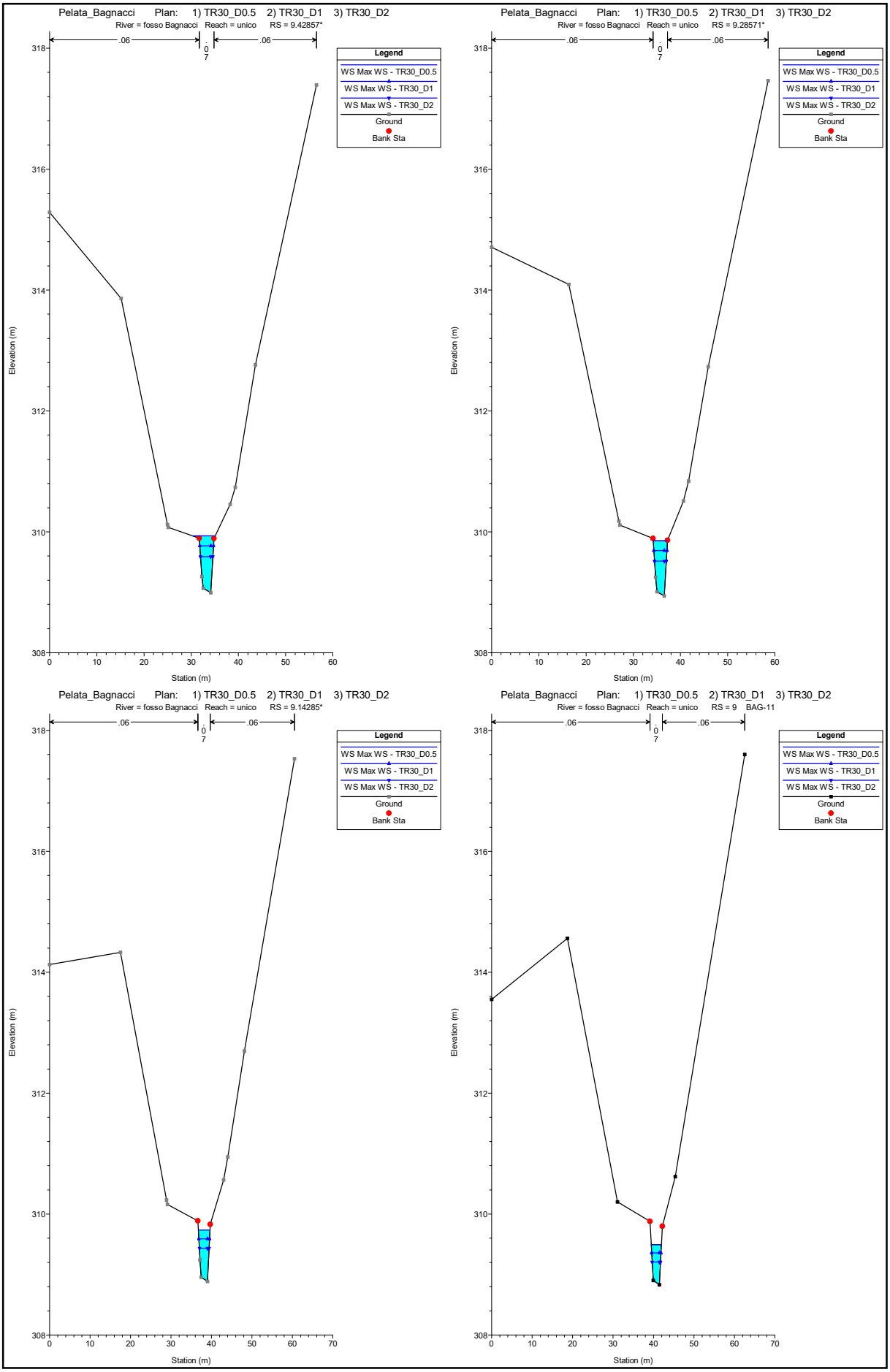

Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = 11.7777*
.06
.07
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = 11.6666*
.06
.07
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = 11.5555*
.06
.07
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = 11.4444*
.06
.07
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

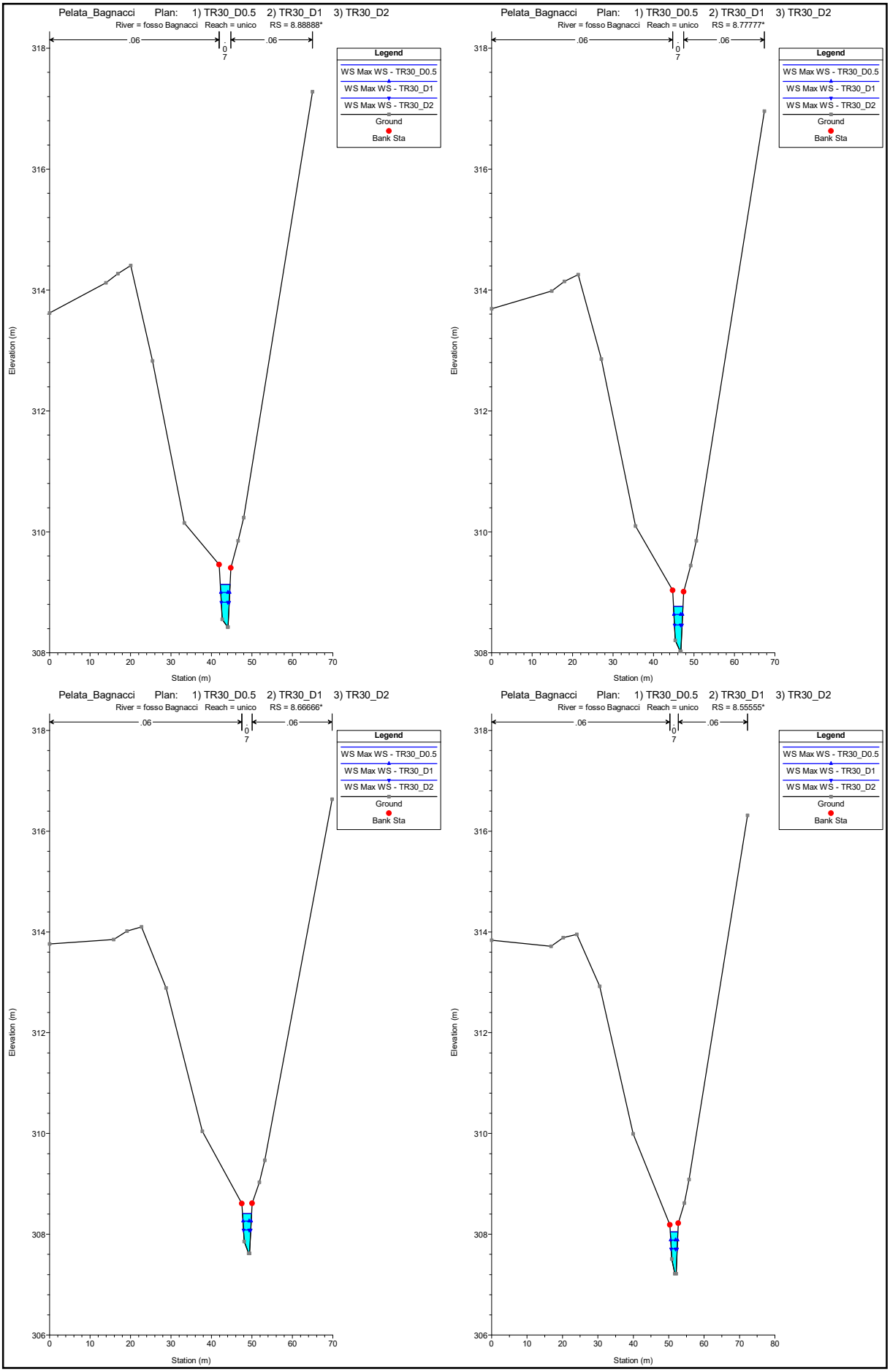

Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = 11.3333*
.06 .07 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = 11.2222*
.06 .07 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = 11.1111*
.06 .07 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = 11 BAG-13
.06 .07 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

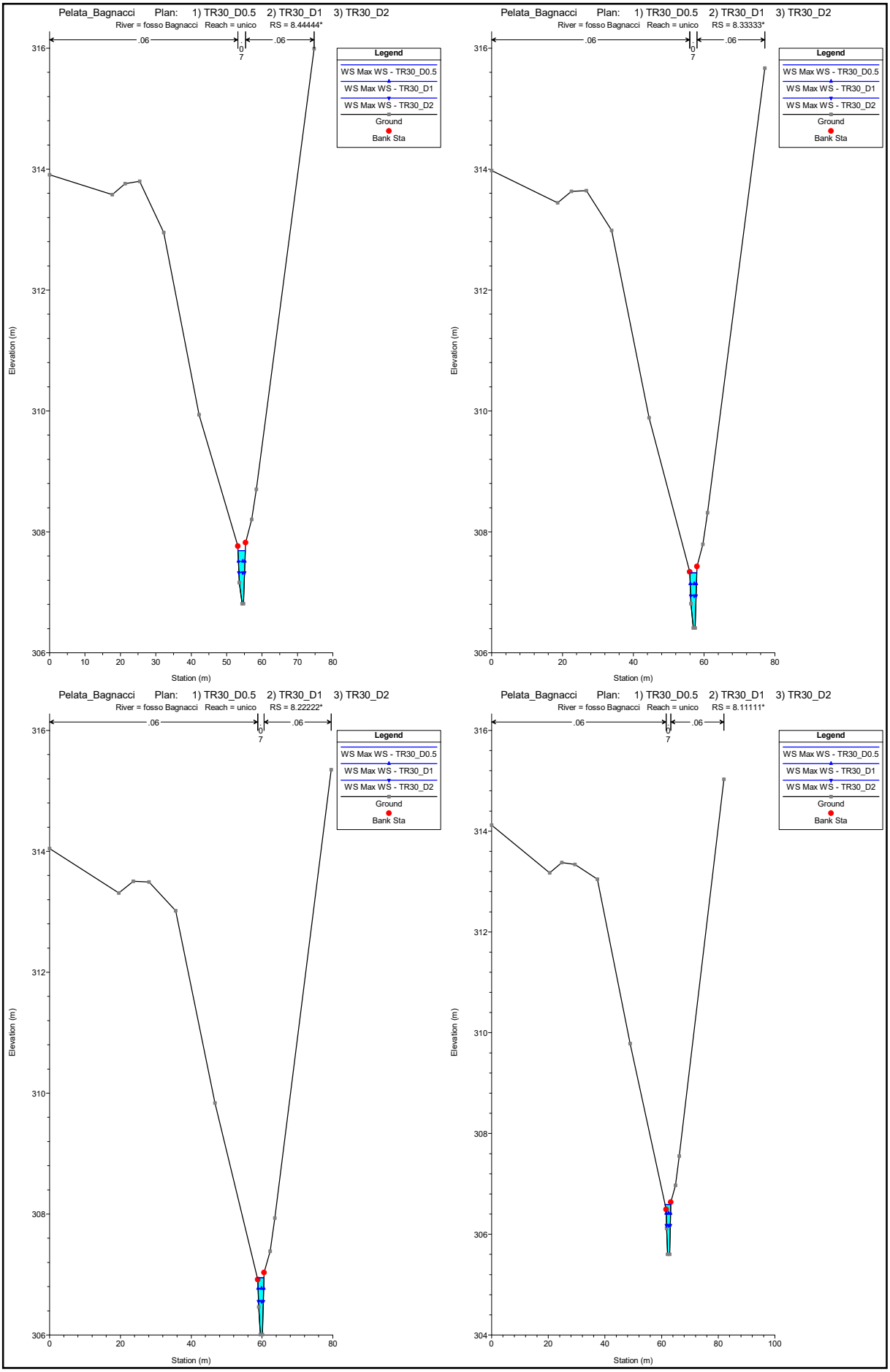

Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = 10.8888*
.06 .07 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = 10.7777*
.06 .07 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = 10.6666*
.06 .07 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = 10.5555*
.06 .07 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

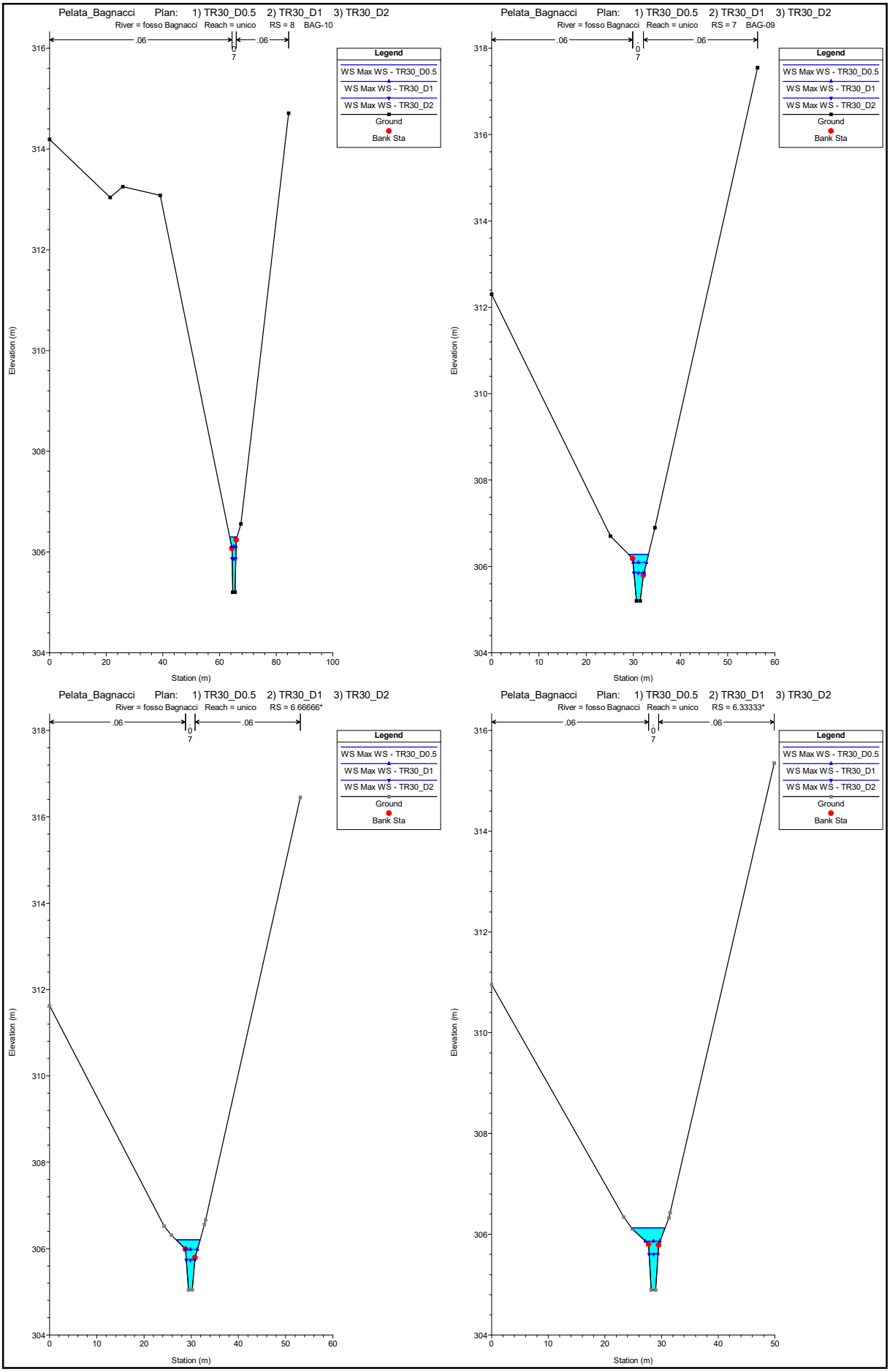

Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = 10.4444*
.06 .07 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = 10.3333*
.06 .07 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = 10.2222*
.06 .07 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = 10.1111*
.06 .07 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

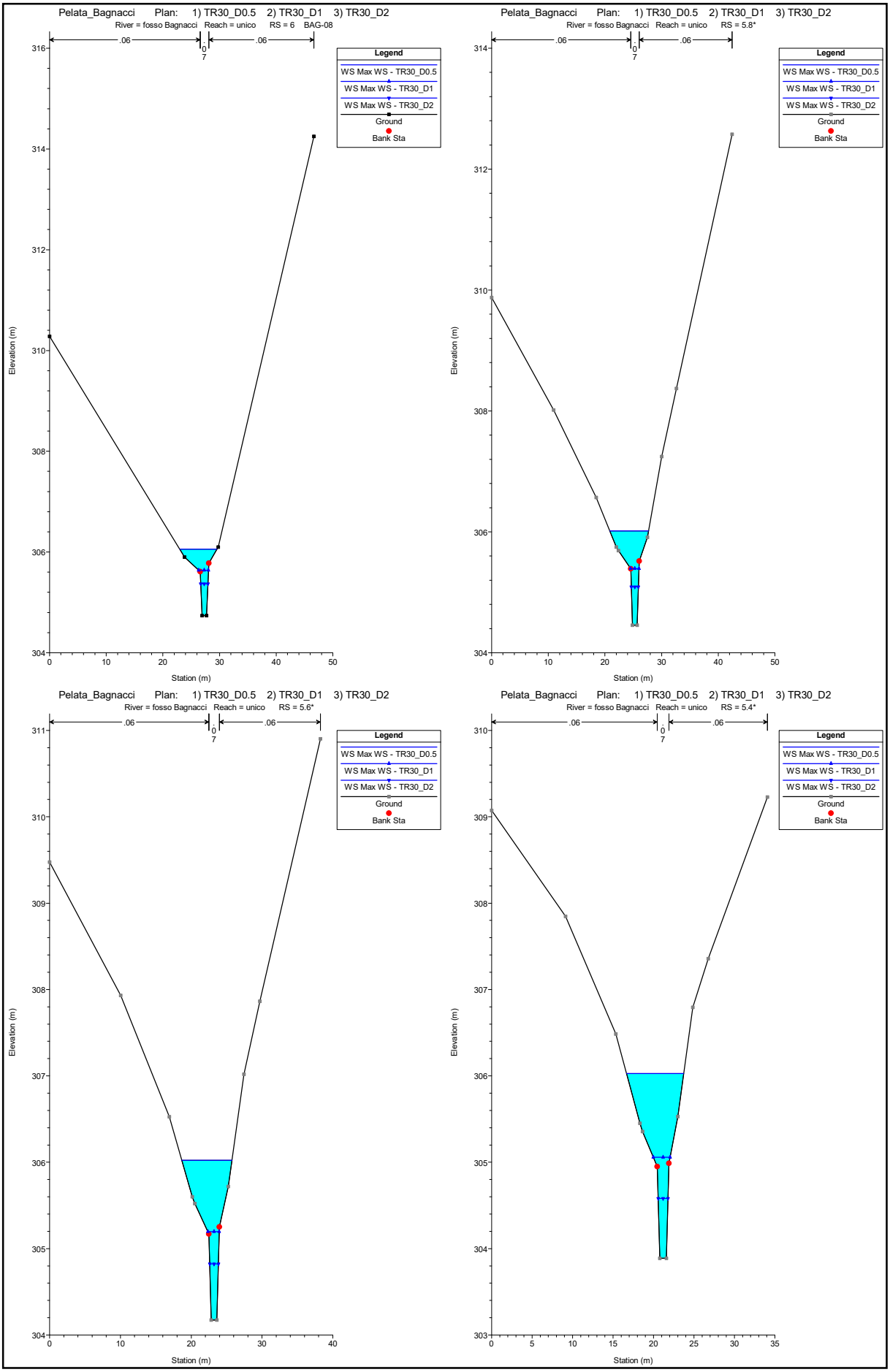

Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = 10 BAG-12
.06
.07
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = 9.85714*
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = 9.71428*
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = 9.57142*

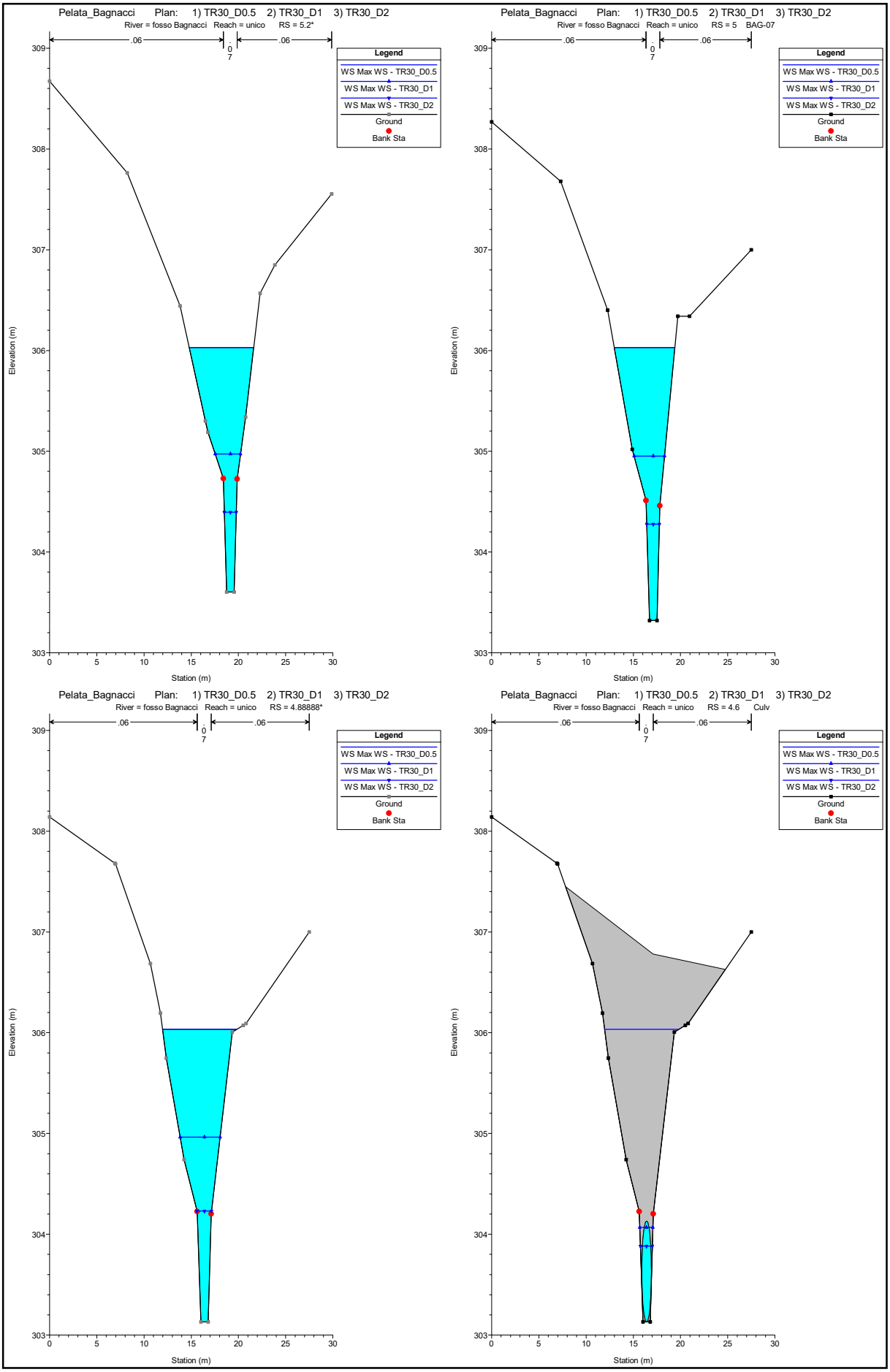

Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = 9.42857*
.06
0
7
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = 9.28571*
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = 9.14285*
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = 9 BAG-11

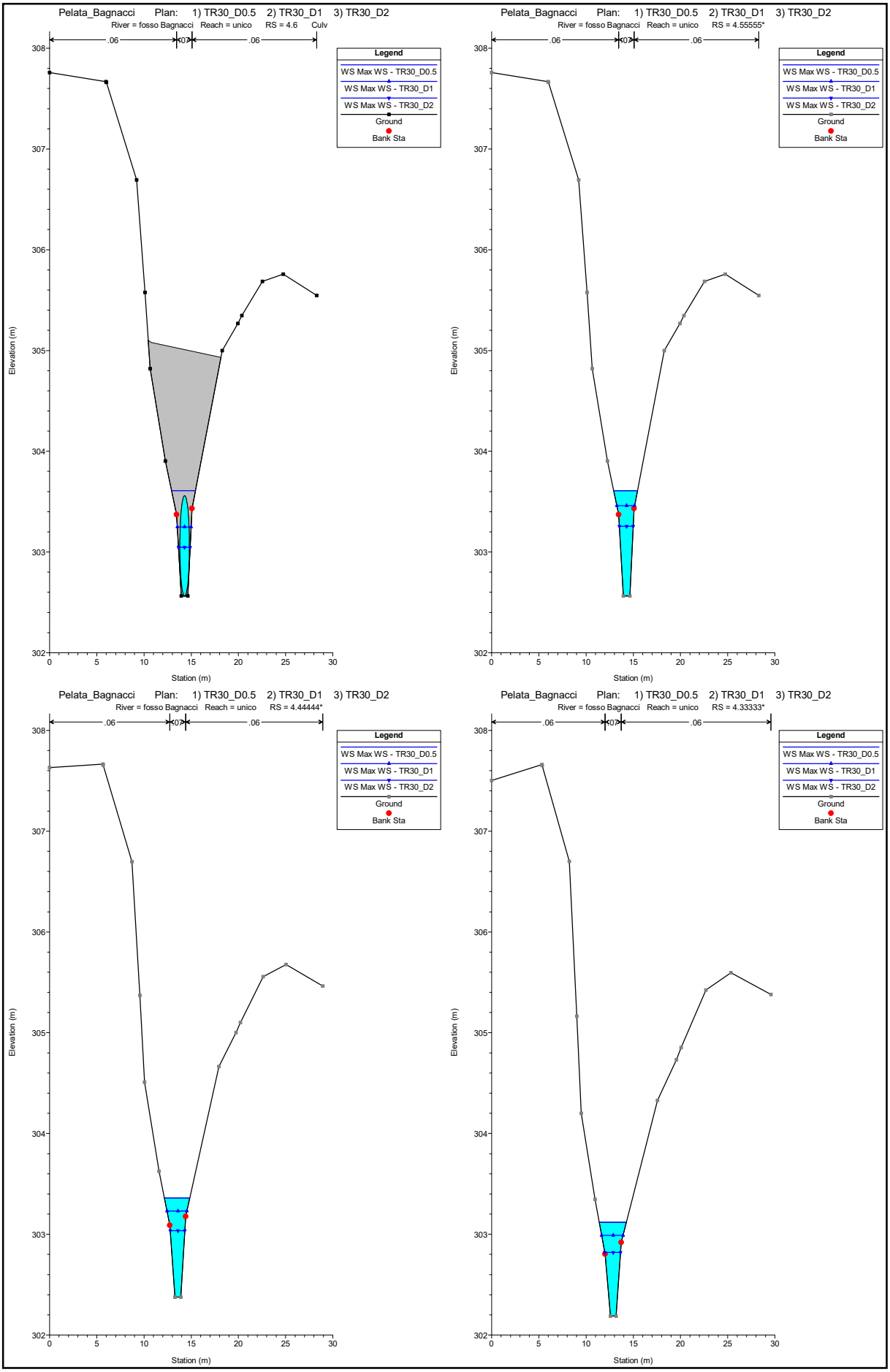

Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = 8.88888*
.06
.06
0
7
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = 8.77777*
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = 8.66666*
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = 8.55555*

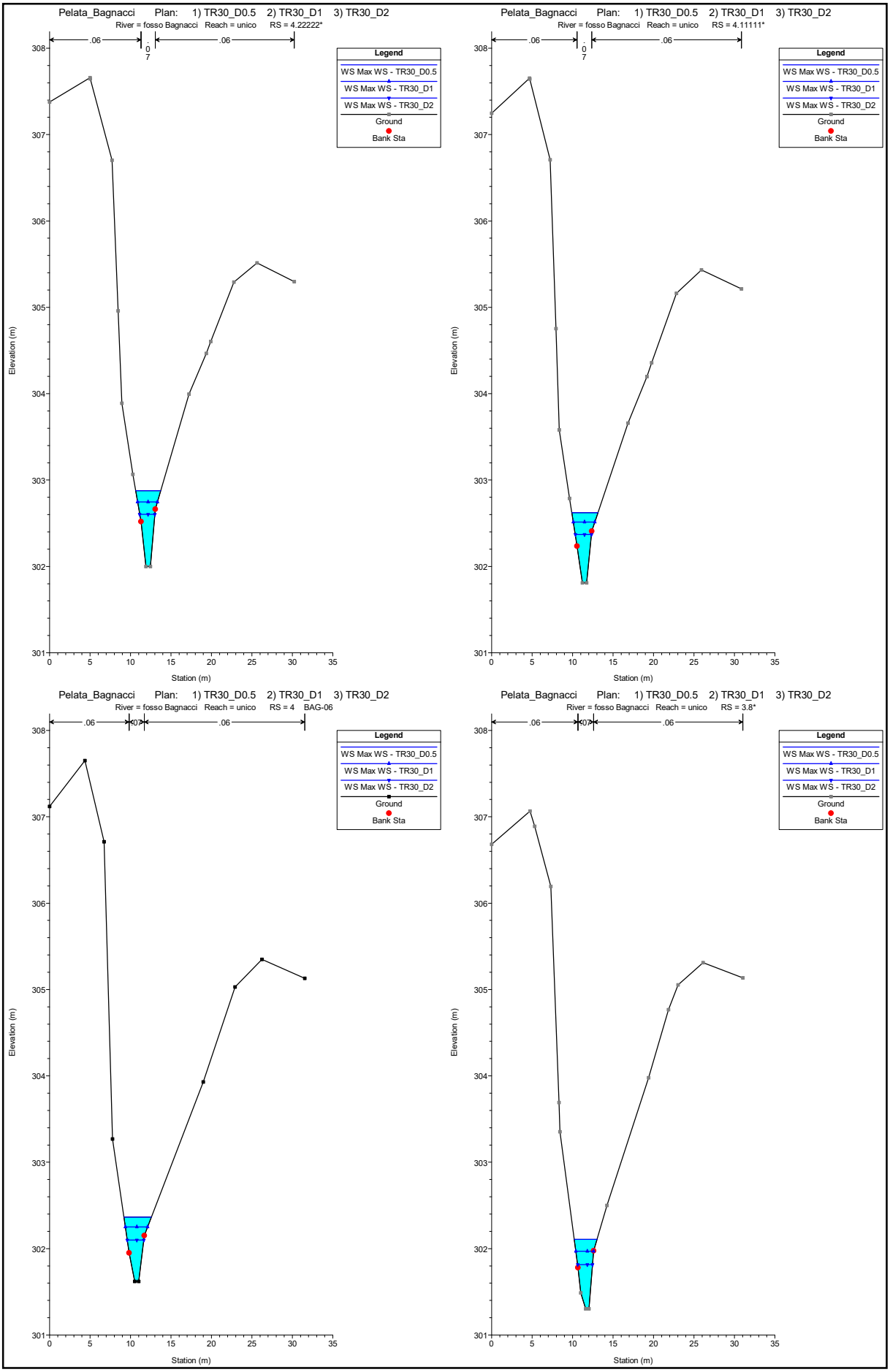

Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = 8.44444*
.06
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = 8.33333*
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = 8.22222*
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = 8.11111*

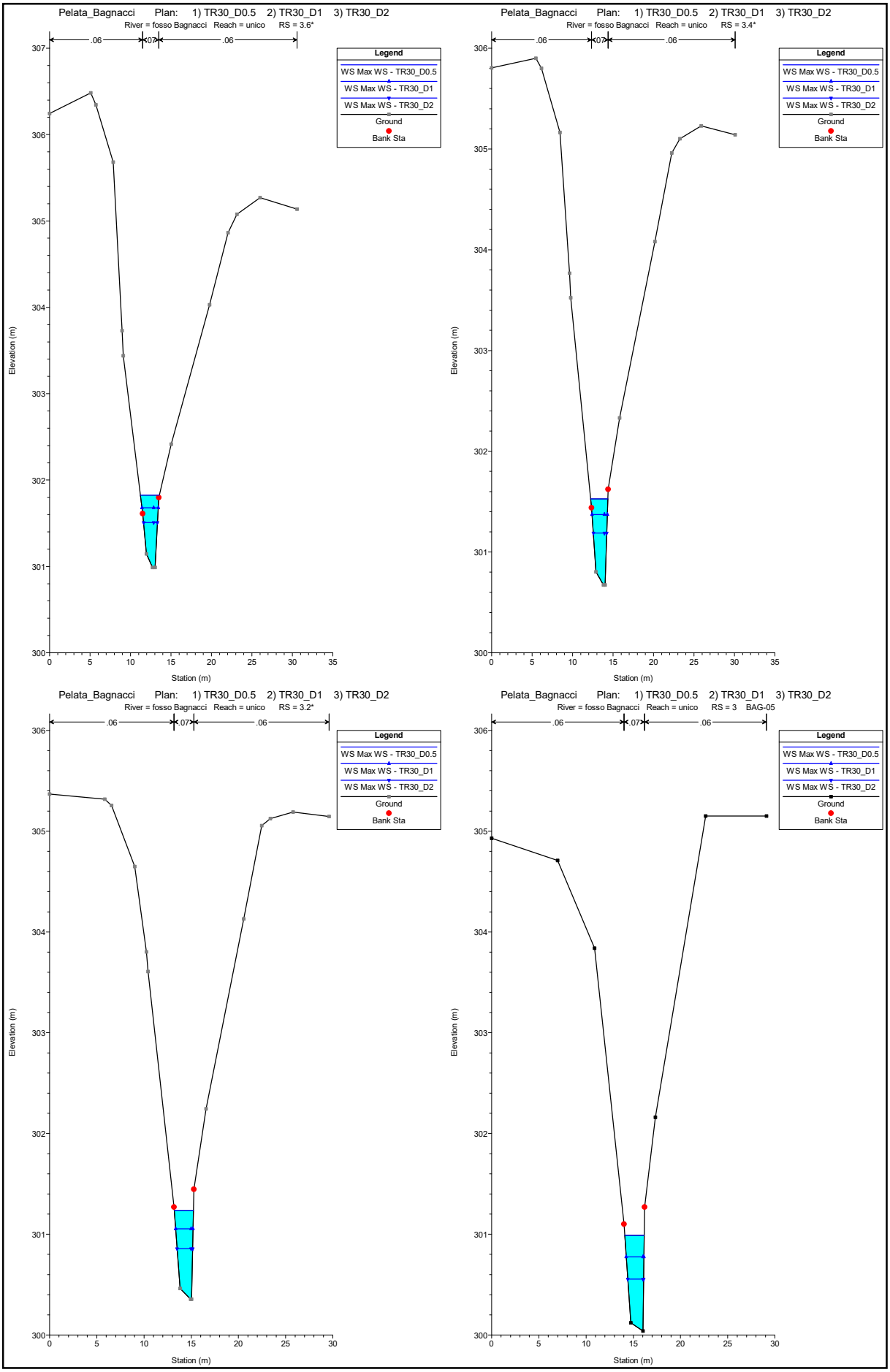

Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = 8 BAG-10
.06
.06
0
7
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = 7 BAG-09
.06
.06
0
7
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = 6.66666*
.06
.06
0
7
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = 6.33333*
.06
.06
0
7
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

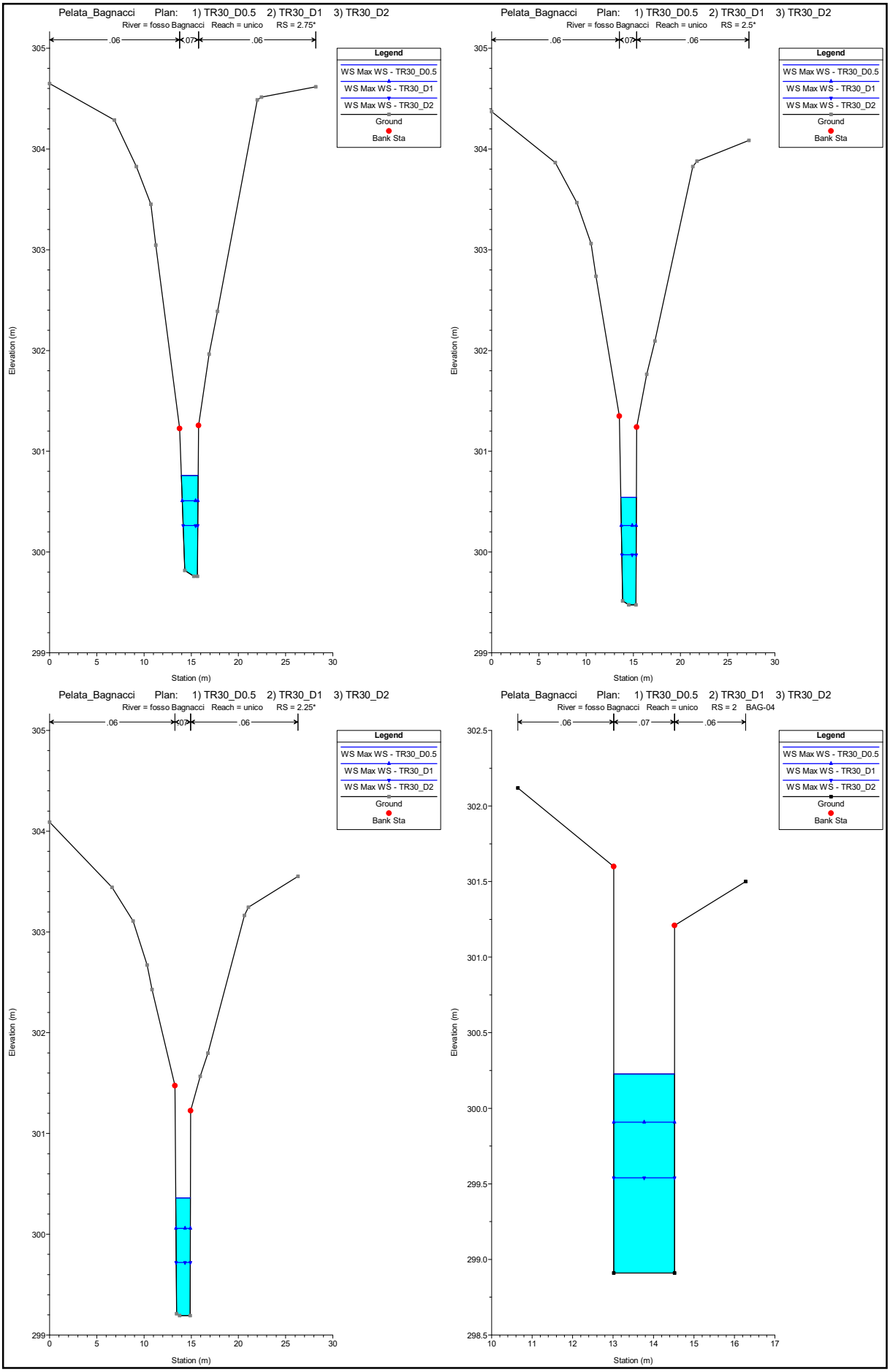

Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = 6 BAG-08
.06
.06
0
7
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = 5.8*
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = 5.6*
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = 5.4*

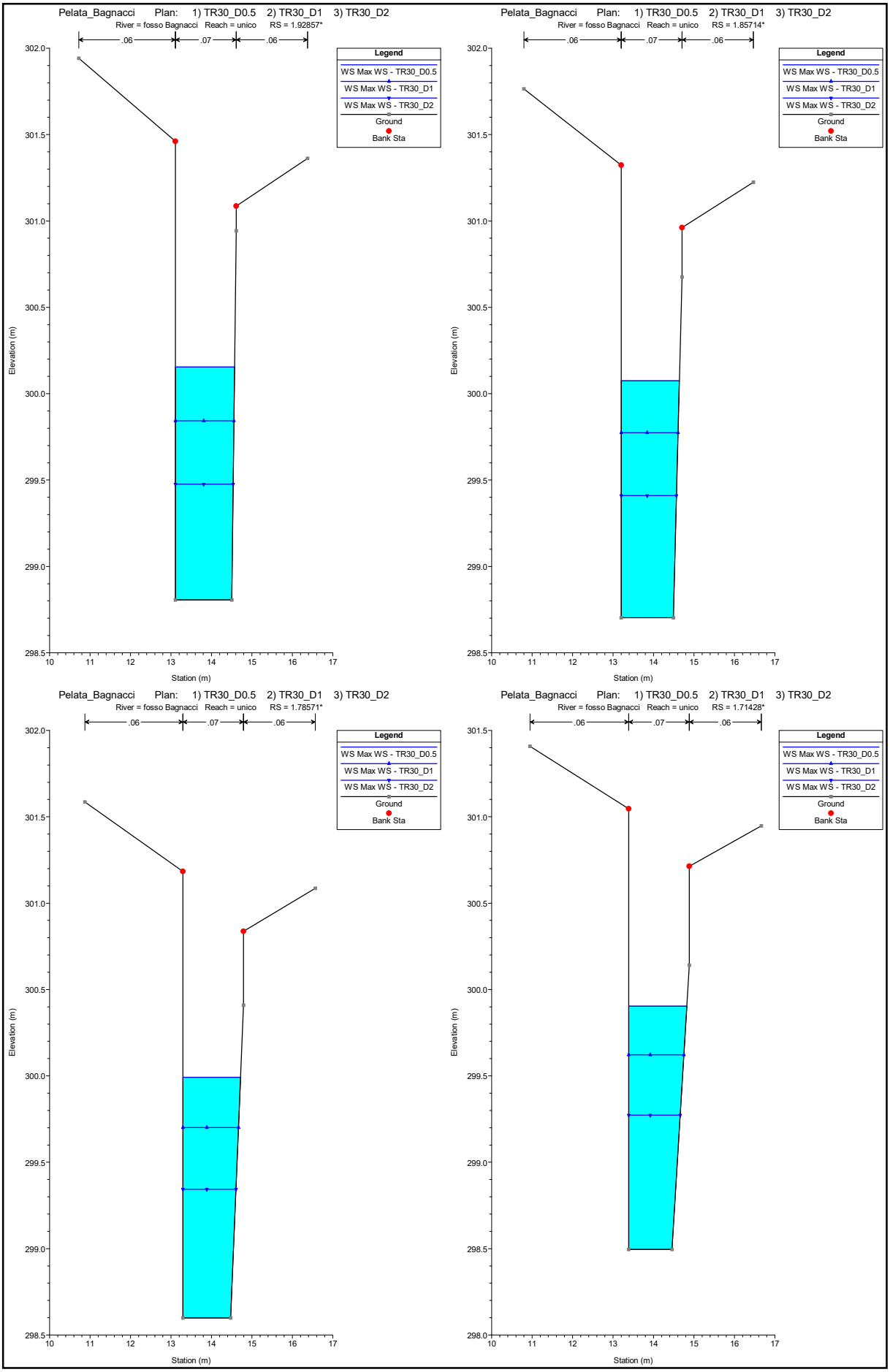

Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = 5.2*
.06
.06
0
7
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = 5 BAG-07
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = 4.88888*
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = 4.6 Culv

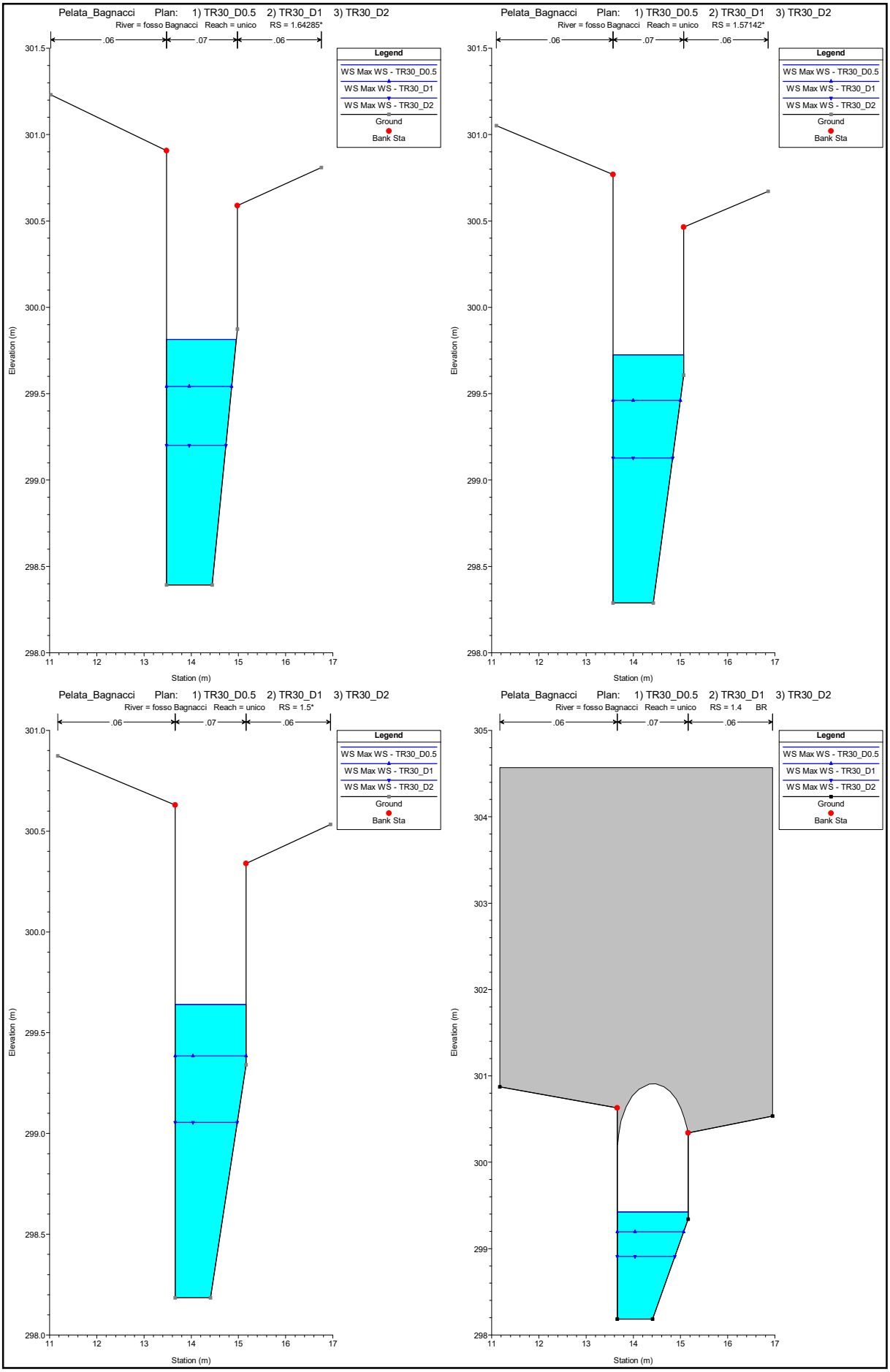

Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = 4.6 Culv
.06
.07
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = 4.55555*
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = 4.44444*
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = 4.33333*

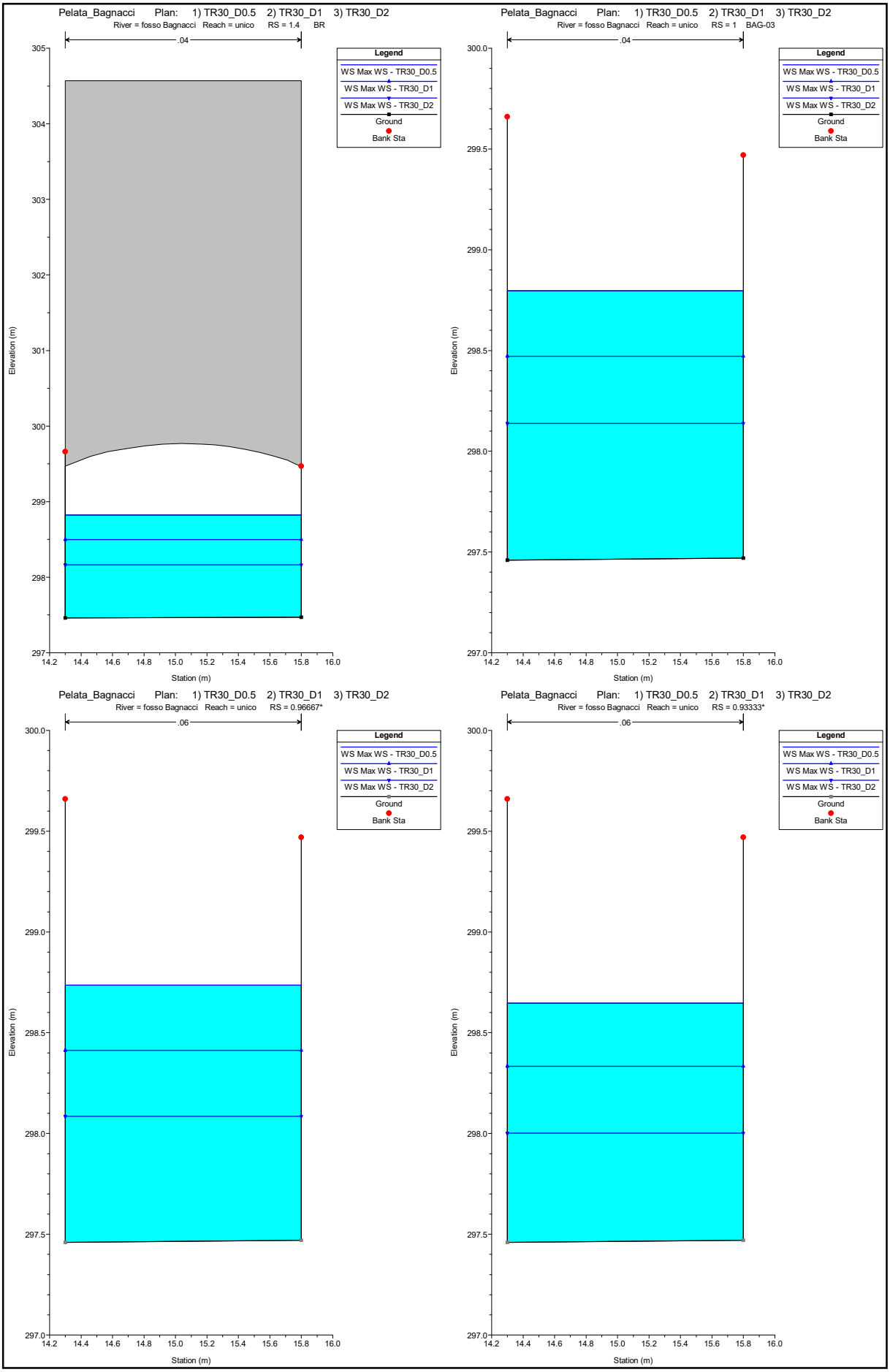

Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = 4.22222*
.06
.07
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = 4.11111*
.06
.07
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = 4 BAG-06
.06
.07
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = 3.8*
.06
.07
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

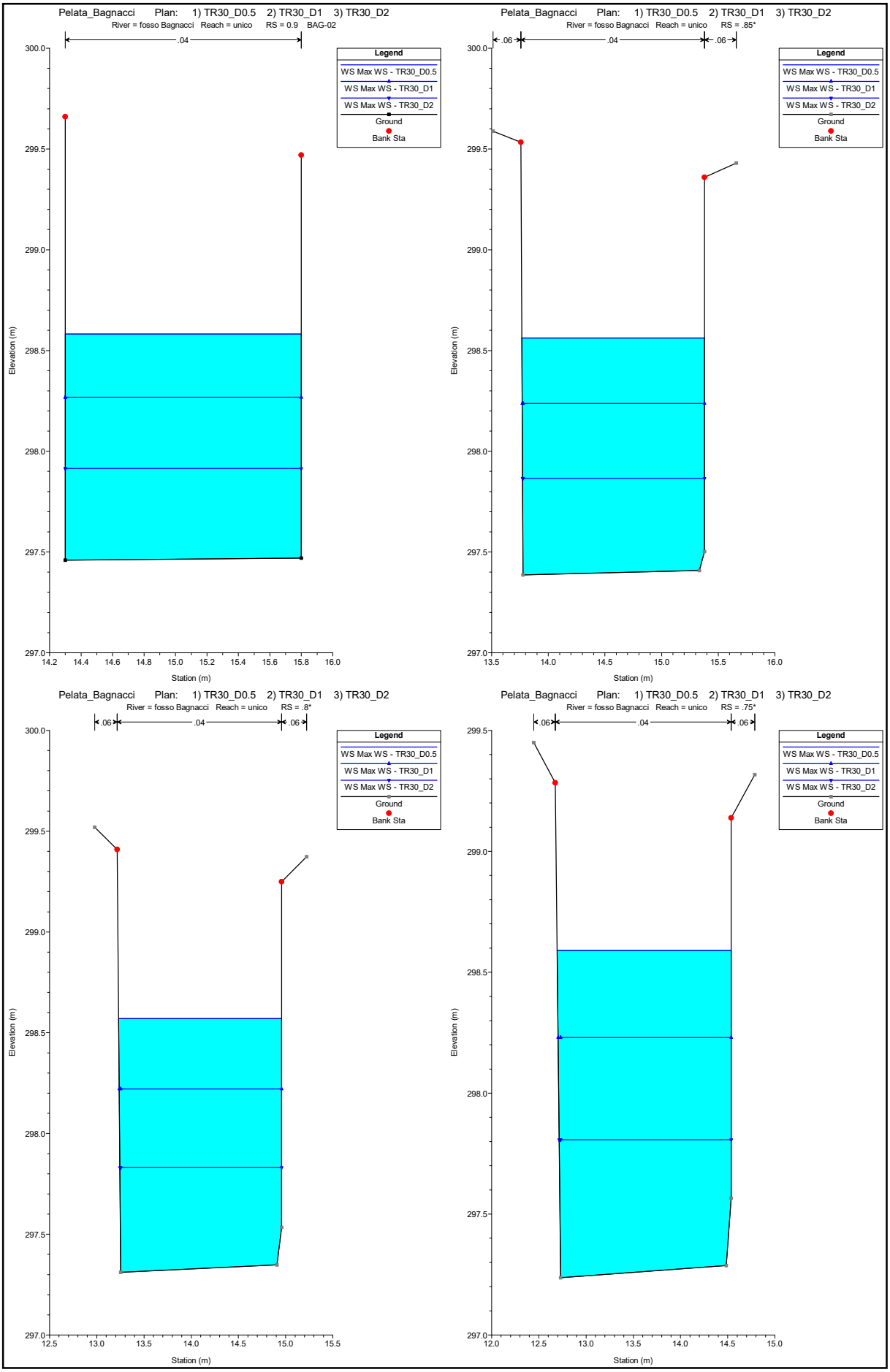

Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = 3.6*
.06
.07
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = 3.4*
.06
.07
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = 3.2*
.06
.07
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = 3 BAG-05
.06
.07
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

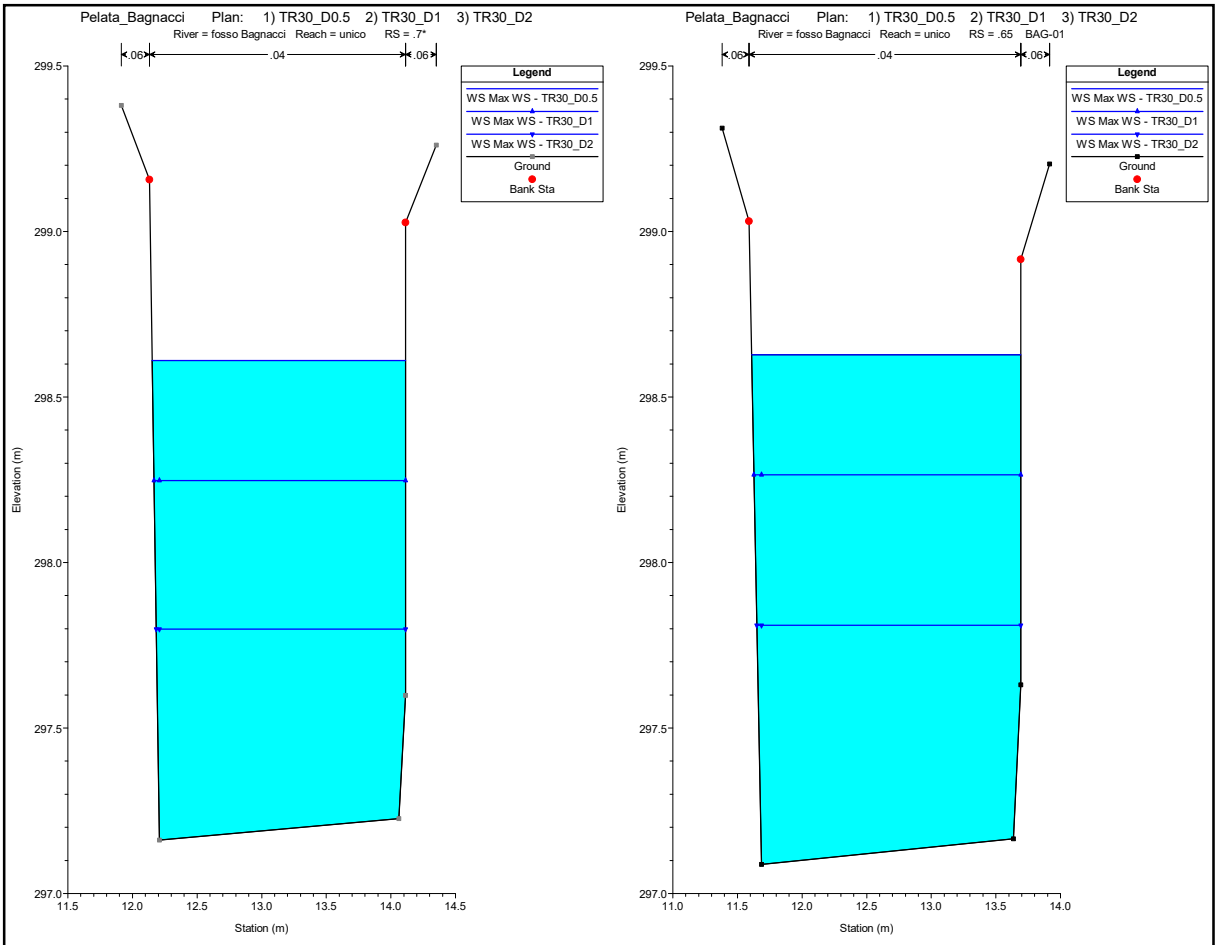

Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = 2.75*
.06
.07
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = 2.5*
.06
.07
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = 2.25*
.06
.07
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = 2 BAG-04
.06
.07
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = 1.92857*
.06 .07 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = 1.85714*
.06 .07 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = 1.78571*
.06 .07 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = 1.71428*
.06 .07 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = 1.64285*
.06 .07 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = 1.57142*
.06 .07 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = 1.5*
.06 .07 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = 1.4 BR
.06 .07 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = 1.4 BR
.04
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = 1 BAG-03
.04
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = 0.96667*
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = 0.93333*
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = 0.9 BAG-02
.04
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = .85*
.06
.04
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = .8*
.06
.04
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = .75*
.06
.04
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = .7*
.06
.04
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Bagnacci Reach = unico RS = .65 BAG-01
.06
.04
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "PELATA_BAGNACCI"

FOSSO BAGNACCI

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 0.5, 1h e 2h

Dati idraulici

HEC-RAS River: fosso Bagnacci Reach: unico Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
unico	14	Max WS	TR30_D0.5	4.50	322.18	322.84	323.00	323.38	0.198351	3.25			1.39	3.20	1.57
unico	14	Max WS	TR30_D1	3.00	322.18	322.72	322.85	323.16	0.208674	2.94			1.02	2.89	1.58
unico	14	Max WS	TR30_D2	1.70	322.18	322.58	322.69	322.93	0.246771	2.62			0.65	2.53	1.65
unico	13.875*	Max WS	TR30_D0.5	4.50	321.83	322.50	322.67	323.05	0.200035	3.28			1.37	3.13	1.58
unico	13.875*	Max WS	TR30_D1	3.00	321.83	322.38	322.52	322.82	0.202807	2.94			1.02	2.82	1.56
unico	13.875*	Max WS	TR30_D2	1.70	321.83	322.24	322.35	322.60	0.244061	2.65			0.64	2.43	1.65
unico	13.75*	Max WS	TR30_D0.5	4.50	321.48	322.16	322.34	322.72	0.201582	3.30			1.36	3.08	1.58
unico	13.75*	Max WS	TR30_D1	3.00	321.48	322.05	322.18	322.48	0.196524	2.92			1.03	2.77	1.53
unico	13.75*	Max WS	TR30_D2	1.70	321.48	321.90	322.01	322.26	0.243073	2.68			0.64	2.34	1.64
unico	13.625*	Max WS	TR30_D0.5	4.50	321.13	321.83	322.00	322.39	0.204266	3.32			1.36	3.06	1.59
unico	13.625*	Max WS	TR30_D1	3.00	321.13	321.71	321.84	322.15	0.191935	2.91			1.03	2.74	1.51
unico	13.625*	Max WS	TR30_D2	1.70	321.13	321.55	321.67	321.93	0.242181	2.70			0.63	2.28	1.64
unico	13.5*	Max WS	TR30_D0.5	4.50	320.78	321.49	321.66	322.05	0.209504	3.34			1.35	3.08	1.61
unico	13.5*	Max WS	TR30_D1	3.00	320.78	321.38	321.51	321.81	0.191356	2.90			1.03	2.74	1.51
unico	13.5*	Max WS	TR30_D2	1.70	320.78	321.21	321.33	321.59	0.246570	2.73			0.62	2.23	1.65
unico	13.375*	Max WS	TR30_D0.5	4.50	320.43	321.13	321.32	321.71	0.220524	3.37			1.33	3.14	1.65
unico	13.375*	Max WS	TR30_D1	3.00	320.43	321.03	321.16	321.46	0.197484	2.91			1.03	2.80	1.53
unico	13.375*	Max WS	TR30_D2	1.70	320.43	320.87	320.99	321.25	0.244855	2.72			0.63	2.25	1.65
unico	13.25*	Max WS	TR30_D0.5	4.50	320.08	320.76	320.94	321.35	0.237712	3.39			1.33	3.34	1.72
unico	13.25*	Max WS	TR30_D1	3.00	320.08	320.65	320.80	321.13	0.240176	3.07			0.98	2.89	1.69
unico	13.25*	Max WS	TR30_D2	1.70	320.08	320.50	320.64	320.93	0.298205	2.88			0.59	2.29	1.81
unico	13.125*	Max WS	TR30_D0.5	4.50	319.73	320.43	320.57	320.95	0.167097	3.18			1.42	2.79	1.42
unico	13.125*	Max WS	TR30_D1	3.00	319.73	320.29	320.41	320.72	0.191728	2.92			1.03	2.69	1.51
unico	13.125*	Max WS	TR30_D2	1.70	319.73	320.15	320.25	320.48	0.224025	2.53			0.67	2.59	1.58
unico	13	Max WS	TR30_D0.5	4.50	319.38	319.96	320.27	320.95	0.374374	4.41			1.02	2.07	2.01
unico	13	Max WS	TR30_D1	3.00	319.38	319.84	320.06	320.58	0.350214	3.81			0.79	1.99	1.93
unico	13	Max WS	TR30_D2	1.70	319.38	319.72	319.86	320.21	0.335886	3.13			0.54	1.91	1.87
unico	12.5*	Max WS	TR30_D0.5	4.50	318.75	319.19	319.48	320.20	0.456806	4.46			1.01	2.75	2.35
unico	12.5*	Max WS	TR30_D1	3.00	318.75	319.10	319.32	319.88	0.468226	3.92			0.77	2.67	2.33
unico	12.5*	Max WS	TR30_D2	1.70	318.75	318.99	319.16	319.65	0.670693	3.59			0.47	2.57	2.68
unico	12	Max WS	TR30_D0.5	4.50	318.12	318.65	318.76	319.08	0.150992	2.89			1.56	3.60	1.40
unico	12	Max WS	TR30_D1	3.00	318.12	318.53	318.63	318.88	0.163681	2.60			1.15	3.40	1.43
unico	12	Max WS	TR30_D2	1.70	318.12	318.44	318.49	318.65	0.144780	2.06			0.83	3.23	1.30
unico	11.8888*	Max WS	TR30_D0.5	4.49	317.82	318.38	318.50	318.81	0.152656	2.90			1.55	3.69	1.43
unico	11.8888*	Max WS	TR30_D1	3.00	317.82	318.27	318.37	318.63	0.174600	2.66			1.13	3.45	1.49
unico	11.8888*	Max WS	TR30_D2	1.70	317.82	318.16	318.23	318.40	0.167562	2.17			0.78	3.24	1.41
unico	11.7777*	Max WS	TR30_D0.5	4.49	317.52	318.11	318.23	318.54	0.155323	2.92			1.54	3.77	1.46
unico	11.7777*	Max WS	TR30_D1	3.00	317.52	317.99	318.10	318.36	0.184071	2.71			1.11	3.49	1.54
unico	11.7777*	Max WS	TR30_D2	1.70	317.52	317.88	317.95	318.14	0.184620	2.24			0.76	3.25	1.48
unico	11.6666*	Max WS	TR30_D0.5	4.49	317.22	317.82	317.95	318.26	0.158615	2.93			1.53	3.82	1.48
unico	11.6666*	Max WS	TR30_D1	3.00	317.22	317.70	317.82	318.09	0.198424	2.78			1.08	3.51	1.60
unico	11.6666*	Max WS	TR30_D2	1.70	317.22	317.59	317.68	317.87	0.213824	2.36			0.72	3.24	1.59
unico	11.5555*	Max WS	TR30_D0.5	4.49	316.92	317.52	317.65	317.97	0.163135	2.96			1.52	3.85	1.51
unico	11.5555*	Max WS	TR30_D1	3.00	316.92	317.40	317.52	317.81	0.213561	2.85			1.05	3.50	1.66
unico	11.5555*	Max WS	TR30_D2	1.70	316.92	317.29	317.38	317.59	0.216663	2.46			0.69	2.94	1.62
unico	11.4444*	Max WS	TR30_D0.5	4.49	316.63	317.21	317.35	317.68	0.177077	3.05			1.47	3.83	1.57
unico	11.4444*	Max WS	TR30_D1	3.00	316.63	317.09	317.22	317.52	0.213332	2.91			1.03	3.33	1.67
unico	11.4444*	Max WS	TR30_D2	1.70	316.63	316.98	317.07	317.29	0.205482	2.46			0.69	2.81	1.58
unico	11.3333*	Max WS	TR30_D0.5	4.49	316.33	316.89	317.04	317.39	0.188445	3.15			1.43	3.70	1.62
unico	11.3333*	Max WS	TR30_D1	3.00	316.33	316.77	316.91	317.21	0.208812	2.92			1.03	3.23	1.66
unico	11.3333*	Max WS	TR30_D2	1.70	316.33	316.67	316.76	316.95	0.178002	2.35			0.72	2.83	1.48
unico	11.2222*	Max WS	TR30_D0.5	4.49	316.03	316.57	316.73	317.08	0.189675	3.17			1.42	3.63	1.62
unico	11.2222*	Max WS	TR30_D1	3.00	316.03	316.45	316.59	316.89	0.208938	2.92			1.03	3.22	1.65
unico	11.2222*	Max WS	TR30_D2	1.70	316.03	316.35	316.43	316.64	0.186470	2.37			0.72	2.85	1.51
unico	11.1111*	Max WS	TR30_D0.5	4.49	315.73	316.28	316.40	316.70	0.148512	2.89			1.55	3.76	1.44
unico	11.1111*	Max WS	TR30_D1	3.00	315.73	316.19	316.26	316.49	0.128091	2.44			1.23	3.47	1.31
unico	11.1111*	Max WS	TR30_D2	1.70	315.73	316.07	316.11	316.28	0.123147	2.03			0.84	3.07	1.24
unico	11	Max WS	TR30_D0.5	4.49	315.43	315.83	316.07	316.67	0.404740	4.06			1.11	3.43	2.29
unico	11	Max WS	TR30_D1	3.00	315.43	315.75	315.94	316.37	0.370976	3.47			0.86	3.21	2.14
unico	11	Max WS	TR30_D2	1.70	315.43	315.63	315.79	316.26	0.673399	3.51			0.48	2.82	2.71
unico	10.8888*	Max WS	TR30_D0.5	4.49	314.74	315.15	315.41	316.05	0.423963	4.20			1.07	3.28	2.35
unico	10.8888*	Max WS	TR30_D1	3.00	314.74	315.08	315.27	315.73	0.374304	3.55			0.84	3.05	2.16
unico	10.8888*	Max WS	TR30_D2	1.70	314.74	314.96	315.12	315.55	0.559838	3.40			0.50	2.67	2.50
unico	10.7777*	Max WS	TR30_D0.5	4.49	314.05	314.50	314.75	315.37	0.393467	4.14			1.09	3.22	2.28
unico	10.7777*	Max WS	TR30_D1	3.00	314.05	314.40	314.61	315.11	0.407765	3.72			0.81	2.91	2.26
unico	10.7777*	Max WS	TR30_D2	1.70	314.05	314.29	314.46	314.90	0.551416	3.46			0.49	2.51	2.50
unico	10.6666*	Max WS	TR30_D0.5	4.49	313.36	313.83	314.09	314.70	0.379532	4.11			1.09	3.19	2.24
unico	10.6666*	Max WS	TR30_D1	3.00	313.36	313.73	313.95	314.51	0.455170	3.91			0.77	2.79	2.38
unico	10.6666*	Max WS	TR30_D2	1.70	313.36	313.63	313.79	314.18	0.449371	3.29			0.52	2.44	2.28
unico	10.5555*	Max WS	TR30_D0.5	4.49	312.67	313.15	313.42	314.08	0.425625	4.27			1.05	3.18	2.37
unico	10.5555*	Max WS	TR30_D1	3.00	312.67	313.06	313.28	313.83	0.448018	3.90			0.77	2.79	2.37
unico	10.5555*	Max WS	TR30_D2	1.70	312.67	312.97	313.12	313.46	0.370061	3.10			0.55	2.44	2.09
unico	10.4444*	Max WS	TR30_D0.5	4.49	311.97	312.47	312.74	313.42	0.440024	4.30			1.04	3.20	2.40
unico	10.4444*	Max WS	TR30_D1	3.00	311.97	312.38	312.60	313.19	0.489806	3.98			0.75	2.83	2.46
unico	10.4444*	Max WS	TR30_D2	1.70	311.97	312.30	312.45	312.80	0.386733	3.13			0.54	2.46	2.13
unico	10.3333*	Max WS	TR30_D0.5	4.49	311.28	311.80	312.06	312.70	0.404770	4.21			1.07	3.13	2.30

HEC-RAS River: fosso Bagnacci Reach: unico Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
unico	10.3333*	Max WS	TR30_D1	3.00	311.28	311.70	311.92	312.46	0.461544	3.87			0.78	2.90	2.39
unico	10.3333*	Max WS	TR30_D2	1.70	311.28	311.61	311.76	312.14	0.439714	3.21			0.53	2.56	2.25
unico	10.2222*	Max WS	TR30_D0.5	4.49	310.59	311.09	311.37	312.09	0.459534	4.43			1.01	2.98	2.43
unico	10.2222*	Max WS	TR30_D1	3.00	310.59	311.00	311.23	311.81	0.487558	3.97			0.76	2.79	2.44
unico	10.2222*	Max WS	TR30_D2	1.70	310.59	310.93	311.07	311.40	0.392437	3.06			0.56	2.63	2.12
unico	10.1111*	Max WS	TR30_D0.5	4.49	309.90	310.43	310.68	311.24	0.324602	3.97			1.13	2.94	2.05
unico	10.1111*	Max WS	TR30_D1	3.00	309.90	310.31	310.53	311.04	0.404809	3.77			0.80	2.71	2.22
unico	10.1111*	Max WS	TR30_D2	1.70	309.90	310.22	310.36	310.72	0.410652	3.13			0.54	2.52	2.16
unico	10	Max WS	TR30_D0.5	4.49	309.21	310.13		310.23	0.020717	1.49	0.84	0.37	3.58	10.26	0.55
unico	10	Max WS	TR30_D1	3.00	309.21	309.98		310.09	0.029113	1.52	0.46		2.19	7.97	0.63
unico	10	Max WS	TR30_D2	1.70	309.21	309.81		309.89	0.025883	1.24			1.37	2.94	0.58
unico	9.85714*	Max WS	TR30_D0.5	4.49	309.16	310.09		310.21	0.024219	1.60	0.76	0.38	3.31	9.96	0.59
unico	9.85714*	Max WS	TR30_D1	3.00	309.16	309.94	309.77	310.07	0.032618	1.60	0.15		1.91	6.93	0.66
unico	9.85714*	Max WS	TR30_D2	1.69	309.16	309.76		309.84	0.027016	1.27			1.34	2.87	0.59
unico	9.71428*	Max WS	TR30_D0.5	4.49	309.10	310.05	309.89	310.20	0.029534	1.75	0.62	0.39	2.97	9.83	0.65
unico	9.71428*	Max WS	TR30_D1	3.00	309.10	309.89		310.03	0.034509	1.64			1.83	3.09	0.68
unico	9.71428*	Max WS	TR30_D2	1.71	309.10	309.71		309.80	0.028912	1.31			1.31	2.79	0.61
unico	9.57142*	Max WS	TR30_D0.5	4.49	309.05	310.00	309.86	310.18	0.036480	1.92	0.42	0.37	2.53	8.34	0.72
unico	9.57142*	Max WS	TR30_D1	3.00	309.05	309.83		309.98	0.037541	1.70			1.77	3.01	0.71
unico	9.57142*	Max WS	TR30_D2	1.72	309.05	309.65		309.75	0.031846	1.36			1.26	2.71	0.64
unico	9.42857*	Max WS	TR30_D0.5	4.49	308.99	309.94	309.81	310.15	0.043994	2.04	0.25	0.28	2.23	4.84	0.78
unico	9.42857*	Max WS	TR30_D1	3.00	308.99	309.77		309.93	0.042607	1.78			1.68	2.91	0.75
unico	9.42857*	Max WS	TR30_D2	1.71	308.99	309.59		309.69	0.036240	1.43			1.19	2.62	0.68
unico	9.28571*	Max WS	TR30_D0.5	4.48	308.94	309.85		310.10	0.055509	2.20			2.04	3.05	0.86
unico	9.28571*	Max WS	TR30_D1	3.00	308.94	309.69		309.88	0.051330	1.91			1.57	2.79	0.81
unico	9.28571*	Max WS	TR30_D2	1.71	308.94	309.52		309.64	0.043470	1.53			1.11	2.51	0.74
unico	9.14285*	Max WS	TR30_D0.5	4.48	308.88	309.74	309.73	310.05	0.077330	2.49			1.80	2.87	1.00
unico	9.14285*	Max WS	TR30_D1	3.00	308.88	309.59		309.82	0.069634	2.14			1.40	2.64	0.94
unico	9.14285*	Max WS	TR30_D2	1.71	308.88	309.43		309.58	0.056162	1.69			1.01	2.39	0.83
unico	9	Max WS	TR30_D0.5	4.48	308.83	309.49	309.69	310.14	0.208015	3.57			1.26	2.50	1.60
unico	9	Max WS	TR30_D1	3.00	308.83	309.36	309.52	309.89	0.215687	3.22			0.93	2.28	1.61
unico	9	Max WS	TR30_D2	1.70	308.83	309.21	309.33	309.61	0.235871	2.80			0.61	2.04	1.64
unico	8.88888*	Max WS	TR30_D0.5	4.48	308.43	309.13	309.33	309.79	0.211386	3.61			1.24	2.42	1.60
unico	8.88888*	Max WS	TR30_D1	3.00	308.43	309.00	309.16	309.52	0.206951	3.19			0.94	2.22	1.57
unico	8.88888*	Max WS	TR30_D2	1.70	308.43	308.83	308.96	309.25	0.243849	2.86			0.60	1.97	1.66
unico	8.77777*	Max WS	TR30_D0.5	4.48	308.02	308.77	308.98	309.44	0.211575	3.63			1.24	2.33	1.59
unico	8.77777*	Max WS	TR30_D1	3.00	308.02	308.63	308.79	309.16	0.204575	3.20			0.94	2.14	1.55
unico	8.77777*	Max WS	TR30_D2	1.70	308.02	308.46	308.59	308.89	0.247132	2.90			0.59	1.89	1.66
unico	8.66666*	Max WS	TR30_D0.5	4.48	307.62	308.41	308.61	309.08	0.209168	3.63			1.24	2.25	1.56
unico	8.66666*	Max WS	TR30_D1	3.00	307.62	308.26	308.42	308.80	0.210543	3.26			0.92	2.05	1.55
unico	8.66666*	Max WS	TR30_D2	1.70	307.62	308.09	308.22	308.52	0.245599	2.92			0.58	1.80	1.64
unico	8.55555*	Max WS	TR30_D0.5	4.48	307.22	308.05	308.27	308.72	0.204838	3.62			1.24	2.16	1.53
unico	8.55555*	Max WS	TR30_D1	3.00	307.22	307.89	308.05	308.45	0.215828	3.31			0.91	1.95	1.55
unico	8.55555*	Max WS	TR30_D2	1.70	307.22	307.71	307.84	308.15	0.242607	2.94			0.58	1.71	1.62
unico	8.44444*	Max WS	TR30_D0.5	4.48	306.81	307.69	307.94	308.35	0.200706	3.61			1.24	2.07	1.49
unico	8.44444*	Max WS	TR30_D1	3.00	306.81	307.51	307.68	308.08	0.218434	3.35			0.90	1.85	1.54
unico	8.44444*	Max WS	TR30_D2	1.70	306.81	307.33	307.46	307.77	0.237411	2.95			0.58	1.62	1.58
unico	8.33333*	Max WS	TR30_D0.5	4.48	306.41	307.32	307.59	308.00	0.205043	3.64			1.23	1.95	1.47
unico	8.33333*	Max WS	TR30_D1	3.00	306.41	307.14	307.31	307.72	0.217965	3.37			0.89	1.74	1.50
unico	8.33333*	Max WS	TR30_D2	1.70	306.41	306.94	307.08	307.39	0.233936	2.97			0.57	1.52	1.54
unico	8.22222*	Max WS	TR30_D0.5	4.48	306.01	306.95	307.24	307.65	0.214355	3.72	0.47		1.21	1.93	1.46
unico	8.22222*	Max WS	TR30_D1	3.00	306.01	306.77	306.93	307.34	0.214129	3.35			0.90	1.64	1.45
unico	8.22222*	Max WS	TR30_D2	1.70	306.01	306.56	306.69	307.01	0.229312	2.97			0.57	1.42	1.49
unico	8.11111*	Max WS	TR30_D0.5	4.48	305.60	306.59	306.87	307.28	0.206739	3.69	0.98		1.23	2.02	1.38
unico	8.11111*	Max WS	TR30_D1	3.00	305.60	306.42	306.56	306.95	0.194853	3.22			0.93	1.54	1.33
unico	8.11111*	Max WS	TR30_D2	1.70	305.60	306.18	306.29	306.60	0.212563	2.89			0.59	1.33	1.39
unico	8	Max WS	TR30_D0.5	4.45	305.20	306.30	306.50	306.84	0.149385	3.30	1.47	0.60	1.41	2.62	1.13
unico	8	Max WS	TR30_D1	3.00	305.20	306.11	306.20	306.54	0.150786	2.92	0.45		1.03	1.59	1.11
unico	8	Max WS	TR30_D2	1.70	305.20	305.87	305.89	306.17	0.133832	2.42			0.70	1.29	1.05
unico	7	Max WS	TR30_D0.5	4.45	305.20	306.28	306.20	306.51	0.043269	2.18	0.47	1.26	2.18	4.25	0.77
unico	7	Max WS	TR30_D1	3.00	305.20	306.09		306.29	0.049710	2.02		0.96	1.54	2.85	0.80
unico	7	Max WS	TR30_D2	1.70	305.20	305.85		306.02	0.059787	1.80		0.35	0.95	2.15	0.84
unico	6.66666*	Max WS	TR30_D0.5	4.41	305.05	306.20	306.17	306.43	0.043221	2.19	0.78	1.15	2.25	5.06	0.74
unico	6.66666*	Max WS	TR30_D1	3.00	305.05	305.98		306.22	0.059740	2.14		0.81	1.43	2.53	0.83
unico	6.66666*	Max WS	TR30_D2	1.70	305.05	305.74		305.92	0.067127	1.87			0.91	1.82	0.85
unico	6.33333*	Max WS	TR30_D0.5	4.37	304.89	306.12	306.11	306.32	0.042039	2.11	1.02	1.01	2.42	5.88	0.68
unico	6.33333*	Max WS	TR30_D1	3.00	304.89	305.86	305.80	306.14	0.078585	2.34	0.45	0.50	1.30	2.58	0.88
unico	6.33333*	Max WS	TR30_D2	1.70	304.89	305.61		305.81	0.081592	2.02			0.84	1.57	0.88
unico	6	Max WS	TR30_D0.5	4.36	304.74	306.06		306.20	0.036228	1.88	1.25	0.84	2.72	6.52	0.58
unico	6	Max WS	TR30_D1	3.00	304.74	305.64	305.82	306.08	0.156579	2.96	0.40		1.02	1.73	1.13
unico	6	Max WS	TR30_D2	1.70	304.74	305.37	305.43	305.72	0.166862	2.63			0.65	1.26	1.17
unico	5.8*	Max WS	TR30_D0.5	4.35	304.46	306.02		306.09	0.014883	1.35	1.00	0.83	3.74	6.86	0.37
unico	5.8*	Max WS	TR30_D1	3.00	304.46	305.39	305.46	305.81	0.144198	2.84	0.10		1.06	1.48	1.06
unico	5.8*	Max WS	TR30_D2	1.70	304.46	305.09	305.15	305.44	0.165883	2.62			0.65	1.24	1.16
unico	5.6*	Max WS	TR30_D0.5	4.35	304.17	306.02		306.06	0.006420	0.99	0.80	0.71	4.97	7.09	0.25
unico	5.6*	Max WS	TR30_D1	3.00	304.17	305.20	305.15	305.53	0.111115	2.57	0.31		1.17	1.61	0.92

HEC-RAS River: fosso Bagnacci Reach: unico Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
unico	5.6*	Max WS	TR30_D2	1.70	304.17	304.82	304.87	305.16	0.159092	2.58			0.66	1.23	1.12
unico	5.4*	Max WS	TR30_D0.5	4.35	303.89	306.03		306.05	0.003495	0.79	0.68	0.61	6.05	7.06	0.18
unico	5.4*	Max WS	TR30_D1	3.00	303.89	305.06		305.30	0.069458	2.19	0.62	0.44	1.39	2.09	0.73
unico	5.4*	Max WS	TR30_D2	1.70	303.89	304.58	304.59	304.88	0.133959	2.41			0.71	1.23	1.02
unico	5.2*	Max WS	TR30_D0.5	4.35	303.60	306.03		306.05	0.002250	0.68	0.61	0.53	6.94	6.83	0.15
unico	5.2*	Max WS	TR30_D1	3.00	303.60	304.97		305.13	0.036647	1.77	0.77	0.70	1.79	2.69	0.53
unico	5.2*	Max WS	TR30_D2	1.70	303.60	304.40		304.61	0.090791	2.07			0.82	1.27	0.82
unico	5	Max WS	TR30_D0.5	4.35	303.32	306.03		306.05	0.001656	0.62	0.56	0.46	7.60	6.41	0.13
unico	5	Max WS	TR30_D1	3.00	303.32	304.95		305.04	0.017161	1.36	0.77	0.68	2.39	3.21	0.37
unico	5	Max WS	TR30_D2	1.70	303.32	304.28		304.42	0.051571	1.66			1.02	1.33	0.61
unico	4.88888*	Max WS	TR30_D0.5	4.35	303.13	306.03		306.04	0.000849	0.49	0.45	0.35	9.72	7.87	0.10
unico	4.88888*	Max WS	TR30_D1	3.00	303.13	304.96		305.01	0.006601	0.97	0.69	0.60	3.42	4.24	0.25
unico	4.88888*	Max WS	TR30_D2	1.70	303.13	304.23		304.32	0.029798	1.36	0.04	0.14	1.25	1.54	0.47
unico	4.6			Culvert											
unico	4.55555*	Max WS	TR30_D0.5	4.35	302.56	303.61	303.77	304.13	0.130370	3.25	1.36	1.11	1.40	2.52	1.16
unico	4.55555*	Max WS	TR30_D1	3.00	302.56	303.46	303.54	303.87	0.128927	2.82	0.71	0.32	1.07	1.89	1.12
unico	4.55555*	Max WS	TR30_D2	1.70	302.56	303.26	303.27	303.53	0.116098	2.30			0.74	1.47	1.04
unico	4.44444*	Max WS	TR30_D0.5	4.35	302.38	303.36	303.54	303.91	0.133225	3.32	1.51	1.17	1.38	2.69	1.22
unico	4.44444*	Max WS	TR30_D1	3.00	302.38	303.23	303.34	303.65	0.127736	2.86	0.95	0.50	1.06	2.10	1.16
unico	4.44444*	Max WS	TR30_D2	1.70	302.38	303.04	303.07	303.32	0.123578	2.36			0.72	1.55	1.10
unico	4.33333*	Max WS	TR30_D0.5	4.35	302.19	303.12	303.30	303.67	0.131772	3.36	1.64	1.24	1.38	2.88	1.27
unico	4.33333*	Max WS	TR30_D1	3.00	302.19	302.99	303.12	303.42	0.131824	2.94	1.15	0.62	1.05	2.28	1.23
unico	4.33333*	Max WS	TR30_D2	1.70	302.19	302.82	302.87	303.11	0.125518	2.37	0.23		0.72	1.68	1.15
unico	4.22222*	Max WS	TR30_D0.5	4.35	302.00	302.88	303.06	303.43	0.131086	3.39	1.75	1.31	1.38	3.09	1.31
unico	4.22222*	Max WS	TR30_D1	3.00	302.00	302.75	302.89	303.20	0.138569	3.02	1.34	0.72	1.03	2.45	1.30
unico	4.22222*	Max WS	TR30_D2	1.70	302.00	302.60	302.66	302.89	0.121086	2.37	0.64		0.72	1.87	1.17
unico	4.11111*	Max WS	TR30_D0.5	4.35	301.81	302.62	302.82	303.20	0.138612	3.47	1.89	1.37	1.36	3.25	1.39
unico	4.11111*	Max WS	TR30_D1	3.00	301.81	302.51	302.66	302.97	0.136342	3.03	1.50	0.85	1.04	2.67	1.34
unico	4.11111*	Max WS	TR30_D2	1.70	301.81	302.37	302.44	302.67	0.129918	2.44	0.91		0.71	2.01	1.25
unico	4	Max WS	TR30_D0.5	4.35	301.62	302.36	302.57	302.98	0.154101	3.61	2.04	1.45	1.32	3.39	1.50
unico	4	Max WS	TR30_D1	3.00	301.62	302.25	302.43	302.77	0.167794	3.26	1.72	0.91	0.97	2.74	1.51
unico	4	Max WS	TR30_D2	1.70	301.62	302.10	302.23	302.49	0.193045	2.79	1.16		0.62	2.03	1.54
unico	3.8*	Max WS	TR30_D0.5	4.35	301.30	302.11	302.32	302.73	0.153741	3.53	1.71	1.05	1.29	2.81	1.44
unico	3.8*	Max WS	TR30_D1	3.00	301.30	301.97	302.14	302.50	0.181155	3.24	1.29		0.94	2.19	1.50
unico	3.8*	Max WS	TR30_D2	1.70	301.30	301.81	301.92	302.19	0.184593	2.70	0.41		0.63	1.83	1.45
unico	3.6*	Max WS	TR30_D0.5	4.35	300.99	301.83	302.02	302.44	0.164511	3.48	1.32	0.37	1.27	2.34	1.41
unico	3.6*	Max WS	TR30_D1	3.00	300.99	301.68	301.82	302.18	0.178095	3.14	0.64		0.96	2.01	1.42
unico	3.6*	Max WS	TR30_D2	1.70	300.99	301.51	301.61	301.87	0.179705	2.66			0.64	1.72	1.40
unico	3.4*	Max WS	TR30_D0.5	4.35	300.67	301.53	301.69	302.12	0.171702	3.42	0.72		1.28	2.12	1.37
unico	3.4*	Max WS	TR30_D1	3.00	300.67	301.37	301.50	301.86	0.179932	3.10			0.97	1.90	1.39
unico	3.4*	Max WS	TR30_D2	1.70	300.67	301.19	301.28	301.55	0.180667	2.66			0.64	1.67	1.37
unico	3.2*	Max WS	TR30_D0.5	4.35	300.36	301.24	301.36	301.78	0.159704	3.25			1.34	2.04	1.28
unico	3.2*	Max WS	TR30_D1	3.00	300.36	301.05	301.17	301.53	0.173847	3.05			0.98	1.85	1.33
unico	3.2*	Max WS	TR30_D2	1.70	300.36	300.86	300.95	301.22	0.184671	2.66			0.64	1.64	1.37
unico	3	Max WS	TR30_D0.5	4.35	300.04	300.99	301.03	301.41	0.117444	2.89			1.51	2.06	1.08
unico	3	Max WS	TR30_D1	3.00	300.04	300.77	300.84	301.16	0.135214	2.76			1.09	1.87	1.16
unico	3	Max WS	TR30_D2	1.70	300.04	300.56	300.61	300.86	0.147057	2.44			0.70	1.68	1.21
unico	2.75*	Max WS	TR30_D0.5	4.35	299.76	300.76	300.75	301.18	0.114417	2.86			1.52	1.79	0.99
unico	2.75*	Max WS	TR30_D1	3.00	299.76	300.51	300.55	300.89	0.132570	2.75			1.09	1.67	1.09
unico	2.75*	Max WS	TR30_D2	1.70	299.76	300.26	300.31	300.57	0.148143	2.46			0.69	1.55	1.17
unico	2.5*	Max WS	TR30_D0.5	4.35	299.48	300.54		300.92	0.101976	2.71			1.61	1.65	0.88
unico	2.5*	Max WS	TR30_D1	3.00	299.48	300.26	300.25	300.61	0.116385	2.61			1.15	1.58	0.97
unico	2.5*	Max WS	TR30_D2	1.70	299.48	299.97	300.01	300.27	0.142464	2.41			0.71	1.50	1.13
unico	2.25*	Max WS	TR30_D0.5	4.35	299.19	300.36		300.67	0.084112	2.49			1.75	1.56	0.75
unico	2.25*	Max WS	TR30_D1	3.00	299.19	300.06		300.34	0.088935	2.34			1.28	1.53	0.82
unico	2.25*	Max WS	TR30_D2	1.70	299.19	299.72	299.71	299.97	0.114103	2.21			0.77	1.50	0.99
unico	2	Max WS	TR30_D0.5	4.35	298.91	300.23		300.47	0.063649	2.20			1.98	1.50	0.61
unico	2	Max WS	TR30_D1	3.00	298.91	299.91		300.11	0.060852	2.00			1.50	1.50	0.64
unico	2	Max WS	TR30_D2	1.70	298.91	299.54		299.71	0.066387	1.80			0.94	1.50	0.72
unico	1.92857*	Max WS	TR30_D0.5	4.35	298.81	300.15		300.42	0.068651	2.26			1.92	1.46	0.63
unico	1.92857*	Max WS	TR30_D1	3.00	298.81	299.84		300.06	0.063812	2.04			1.47	1.44	0.64
unico	1.92857*	Max WS	TR30_D2	1.70	298.81	299.48		299.64	0.065754	1.80			0.94	1.43	0.71
unico	1.85714*	Max WS	TR30_D0.5	4.35	298.70	300.08		300.35	0.074554	2.33			1.87	1.43	0.65
unico	1.85714*	Max WS	TR30_D1	3.00	298.70	299.77		300.00	0.067840	2.08			1.44	1.40	0.66
unico	1.85714*	Max WS	TR30_D2	1.70	298.70	299.41		299.58	0.066586	1.82			0.94	1.36	0.70
unico	1.78571*	Max WS	TR30_D0.5	4.35	298.60	299.99		300.29	0.080528	2.40			1.81	1.43	0.68
unico	1.78571*	Max WS	TR30_D1	3.00	298.60	299.70		299.93	0.072348	2.13			1.41	1.37	0.67
unico	1.78571*	Max WS	TR30_D2	1.70	298.60	299.34		299.52	0.068063	1.84			0.93	1.31	0.70
unico	1.71428*	Max WS	TR30_D0.5	4.35	298.50	299.90		300.21	0.086534	2.46			1.77	1.44	0.71
unico	1.71428*	Max WS	TR30_D1	3.00	298.50	299.62		299.87	0.077425	2.19			1.37	1.36	0.70
unico	1.71428*	Max WS	TR30_D2	1.70	298.50	299.27		299.45	0.071030	1.87			0.91	1.27	0.71
unico	1.64285*	Max WS	TR30_D0.5	4.35	298.39	299.81		300.13	0.090364	2.51			1.74	1.48	0.74
unico	1.64285*	Max WS	TR30_D1	3.00	298.39	299.54		299.79	0.081384	2.23			1.35	1.38	0.72
unico	1.64285*	Max WS	TR30_D2	1.70	298.39	299.20		299.38	0.073776	1.89			0.90	1.26	0.72
unico	1.57142*	Max WS	TR30_D0.5	4.35	298.29	299.73		300.05	0.090830	2.51			1.73	1.50	0.75

HEC-RAS River: fosso Bagnacci Reach: unico Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
unico	1.57142*	Max WS	TR30_D1	3.00	298.29	299.46		299.72	0.082935	2.24			1.34	1.43	0.74
unico	1.57142*	Max WS	TR30_D2	1.70	298.29	299.13		299.31	0.075972	1.91			0.89	1.27	0.73
unico	1.5*	Max WS	TR30_D0.5	4.35	298.18	299.64	299.42	299.96	0.087830	2.49			1.75	1.50	0.74
unico	1.5*	Max WS	TR30_D1	3.00	298.18	299.38	299.19	299.63	0.078801	2.20			1.37	1.50	0.73
unico	1.5*	Max WS	TR30_D2	1.70	298.18	299.05	298.91	299.24	0.074744	1.90			0.90	1.31	0.73
unico	1.4			Bridge											
unico	1	Max WS	TR30_D0.5	4.34	297.46	298.80		299.04	0.020079	2.17			2.00	1.50	0.60
unico	1	Max WS	TR30_D1	3.00	297.46	298.47		298.67	0.019499	1.99			1.51	1.50	0.63
unico	1	Max WS	TR30_D2	1.70	297.46	298.14		298.28	0.018121	1.69			1.01	1.50	0.66
unico	0.96667*	Max WS	TR30_D0.5	4.33	297.46	298.74		299.00	0.050708	2.27			1.91	1.50	0.64
unico	0.96667*	Max WS	TR30_D1	3.00	297.46	298.41		298.64	0.051161	2.11			1.42	1.50	0.69
unico	0.96667*	Max WS	TR30_D2	1.70	297.46	298.09		298.26	0.050818	1.83			0.93	1.50	0.74
unico	0.93333*	Max WS	TR30_D0.5	4.33	297.46	298.65		298.95	0.060679	2.44			1.77	1.50	0.72
unico	0.93333*	Max WS	TR30_D1	3.00	297.46	298.33		298.60	0.064138	2.30			1.30	1.50	0.79
unico	0.93333*	Max WS	TR30_D2	1.70	297.46	298.00		298.23	0.076008	2.12			0.80	1.50	0.92
unico	0.9	Max WS	TR30_D0.5	4.33	297.46	298.58		298.92	0.031102	2.58			1.68	1.50	0.78
unico	0.9	Max WS	TR30_D1	3.00	297.46	298.27		298.58	0.035089	2.49			1.20	1.50	0.89
unico	0.9	Max WS	TR30_D2	1.70	297.46	297.91	297.97	298.24	0.055567	2.53			0.67	1.50	1.20
unico	.85*	Max WS	TR30_D0.5	4.33	297.39	298.56		298.84	0.022820	2.31			1.87	1.61	0.69
unico	.85*	Max WS	TR30_D1	3.00	297.39	298.24		298.49	0.025667	2.23			1.35	1.61	0.78
unico	.85*	Max WS	TR30_D2	1.70	297.39	297.87	297.88	298.13	0.041089	2.27			0.75	1.61	1.06
unico	.8*	Max WS	TR30_D0.5	4.32	297.31	298.57		298.78	0.016198	2.04			2.12	1.73	0.59
unico	.8*	Max WS	TR30_D1	3.00	297.31	298.22		298.42	0.018506	1.97			1.52	1.72	0.67
unico	.8*	Max WS	TR30_D2	1.69	297.31	297.83		298.03	0.028971	1.99			0.85	1.71	0.90
unico	.75*	Max WS	TR30_D0.5	4.32	297.24	298.59		298.75	0.011468	1.79			2.41	1.84	0.50
unico	.75*	Max WS	TR30_D1	3.00	297.24	298.23		298.38	0.012648	1.71			1.75	1.83	0.56
unico	.75*	Max WS	TR30_D2	1.69	297.24	297.81		297.96	0.019735	1.72			0.98	1.82	0.75
unico	.7*	Max WS	TR30_D0.5	4.32	297.16	298.61		298.74	0.008269	1.58			2.73	1.96	0.43
unico	.7*	Max WS	TR30_D1	2.98	297.16	298.25		298.36	0.008597	1.48			2.02	1.95	0.46
unico	.7*	Max WS	TR30_D2	1.70	297.16	297.80		297.91	0.013073	1.48			1.15	1.93	0.61
unico	.65	Max WS	TR30_D0.5	4.32	297.09	298.63		298.73	0.006101	1.41			3.06	2.08	0.37
unico	.65	Max WS	TR30_D1	2.98	297.09	298.27		298.35	0.006005	1.29			2.30	2.07	0.39
unico	.65	Max WS	TR30_D2	1.67	297.09	297.81		297.89	0.007791	1.22			1.37	2.04	0.48

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "PELATA_BAGNACCI"

FOSSO PELATA

MODELLAZIONE PER TR=30 e 200 ANNI

DURATA DI PIOGGIA: 0.5, 1h e 2h

Profilo longitudinale

Sezioni Trasversali

Dati idraulici

ALLEGATI

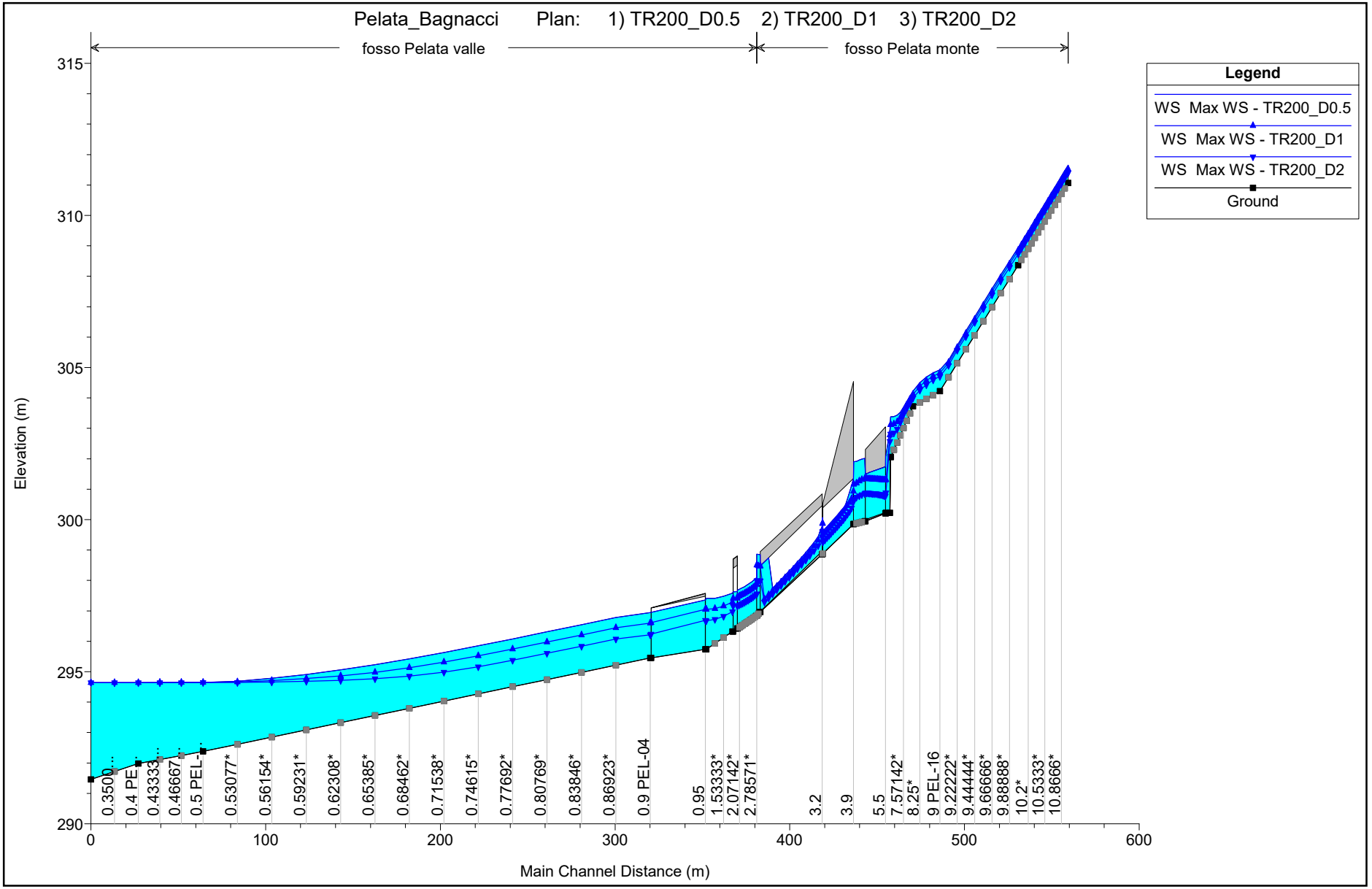
MODELLAZIONE HEC-RAS 5.0.7 "PELATA_BAGNACCI"

FOSSO PELATA

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 0.5, 1h e 2h

Profilo longitudinale


Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
fosso Pelata valle
fosso Pelata monte
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Elevation (m)
315
310
305
300
295
290
0
100
200
300
400
500
600
Main Channel Distance (m)
0.3500...
0.4 PE
0.43333...
0.46667...
0.5 PEL-...
0.53077*
0.56154*
0.59231*
0.62308*
0.65385*
0.68462*
0.71538*
0.74615*
0.77692*
0.80769*
0.83846*
0.86923*
0.9 PEL-04
0.95
1.53333*
2.07142*
2.78571*
3.2
3.9
5.5
7.57142*
8.25*
9 PEL-16
9.22222*
9.44444*
9.66666*
9.88888*
10.2*
10.5333*
10.8666*

ALLEGATI

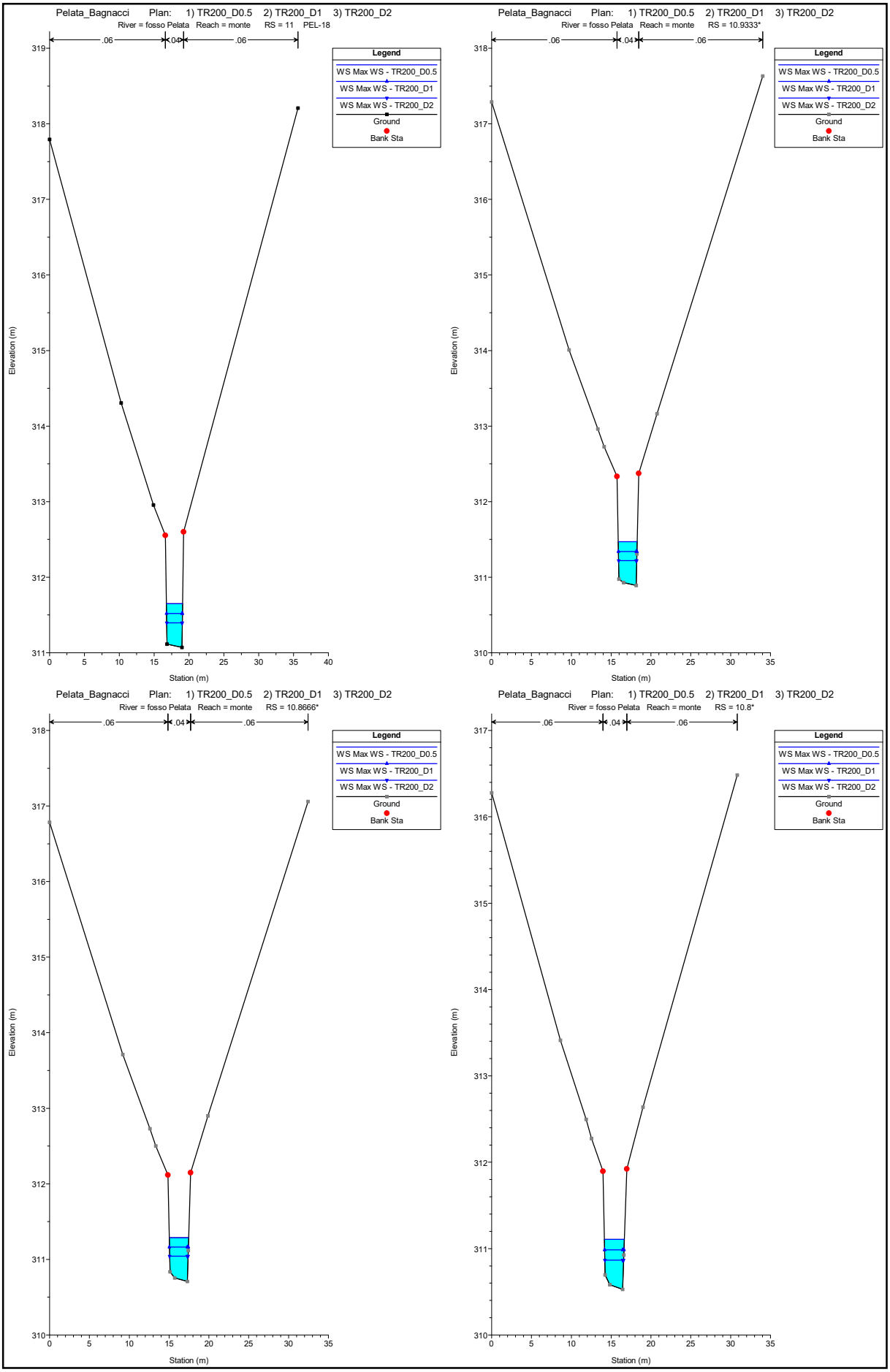
MODELLAZIONE HEC-RAS 5.0.7 "PELATA_BAGNACCI"

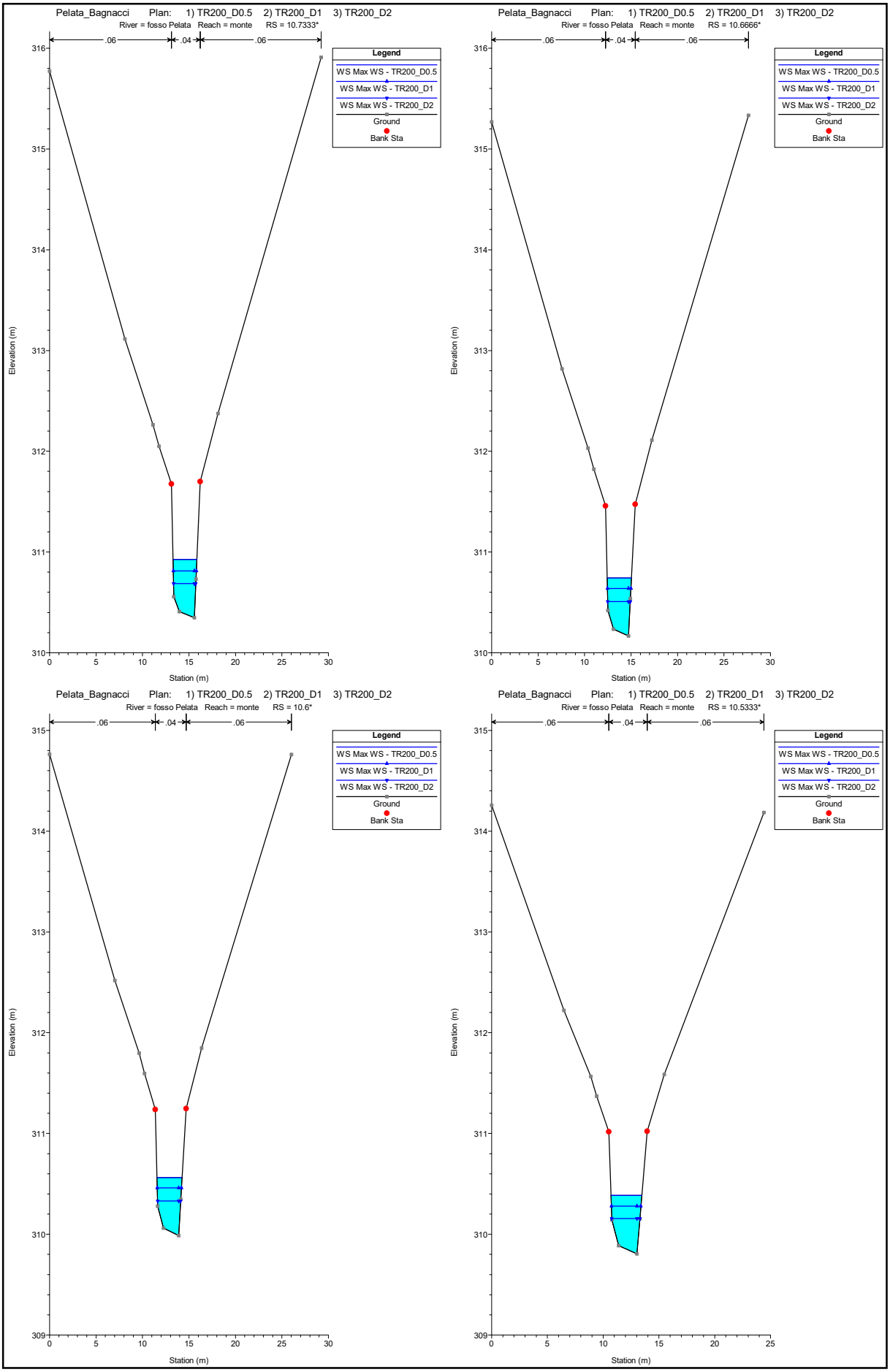
FOSSO PELATA

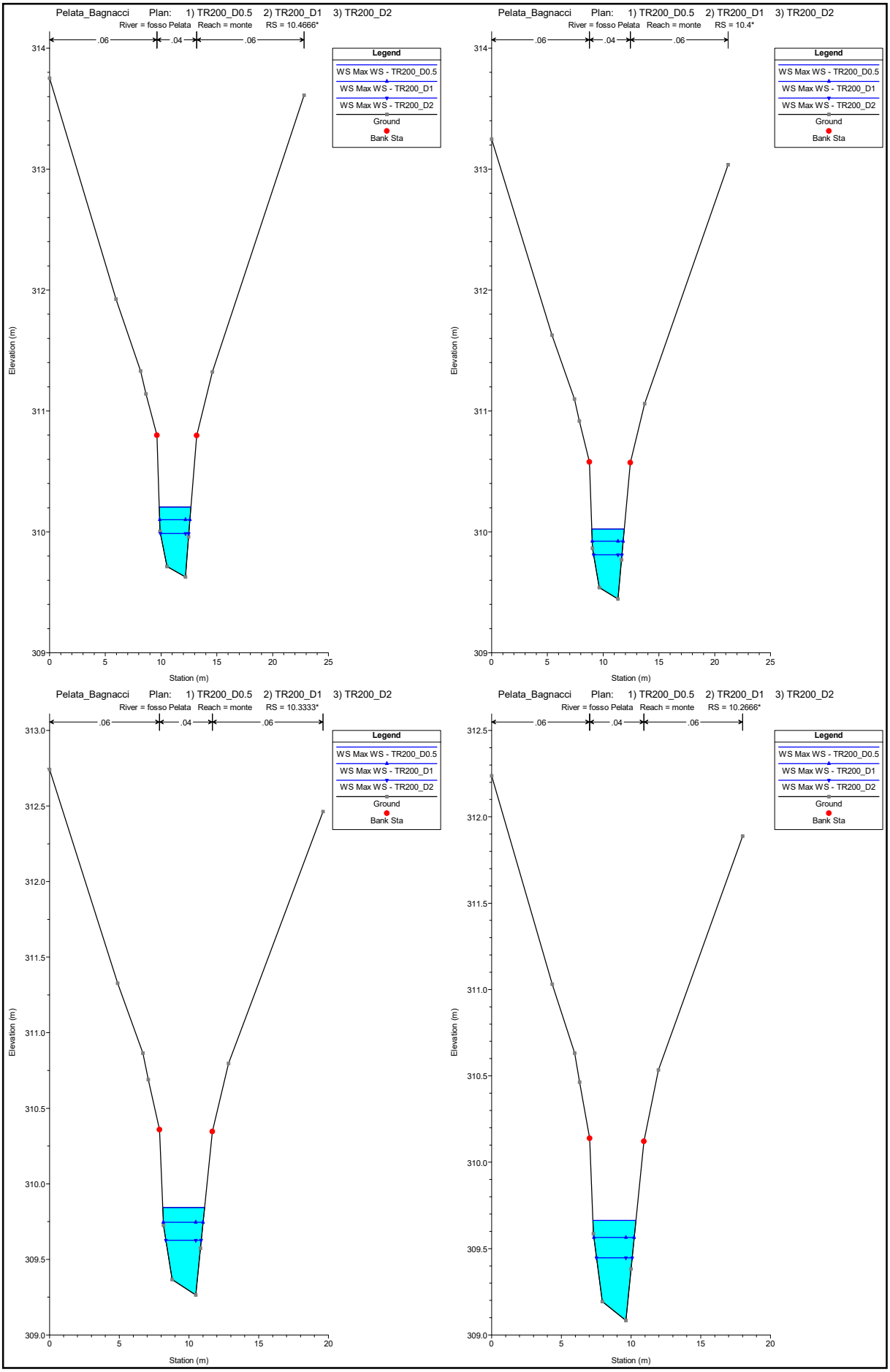
MODELLAZIONE PER TR= 200 anni

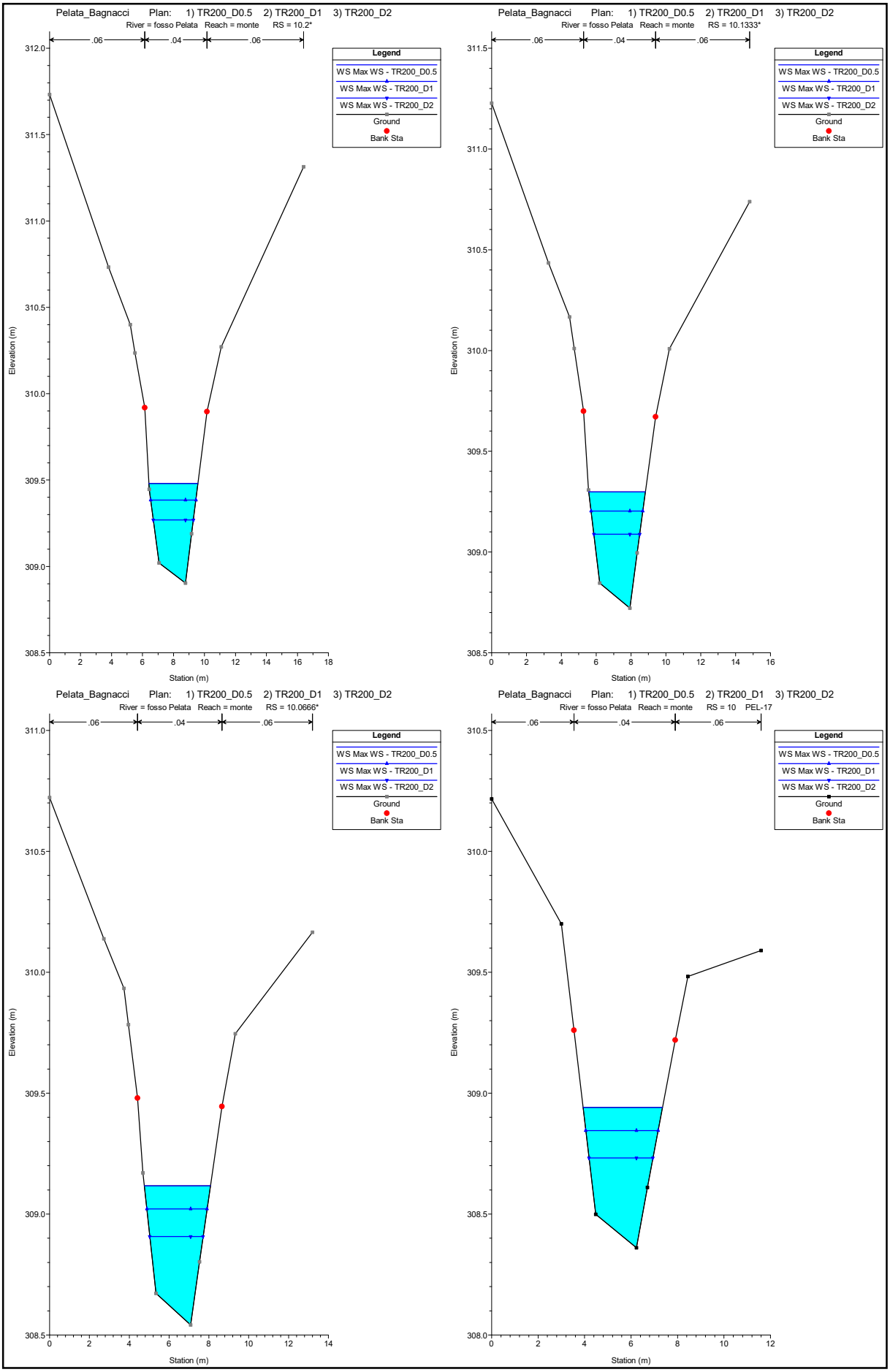
DURATE DI PIOGGIA: 0.5, 1h e 2h

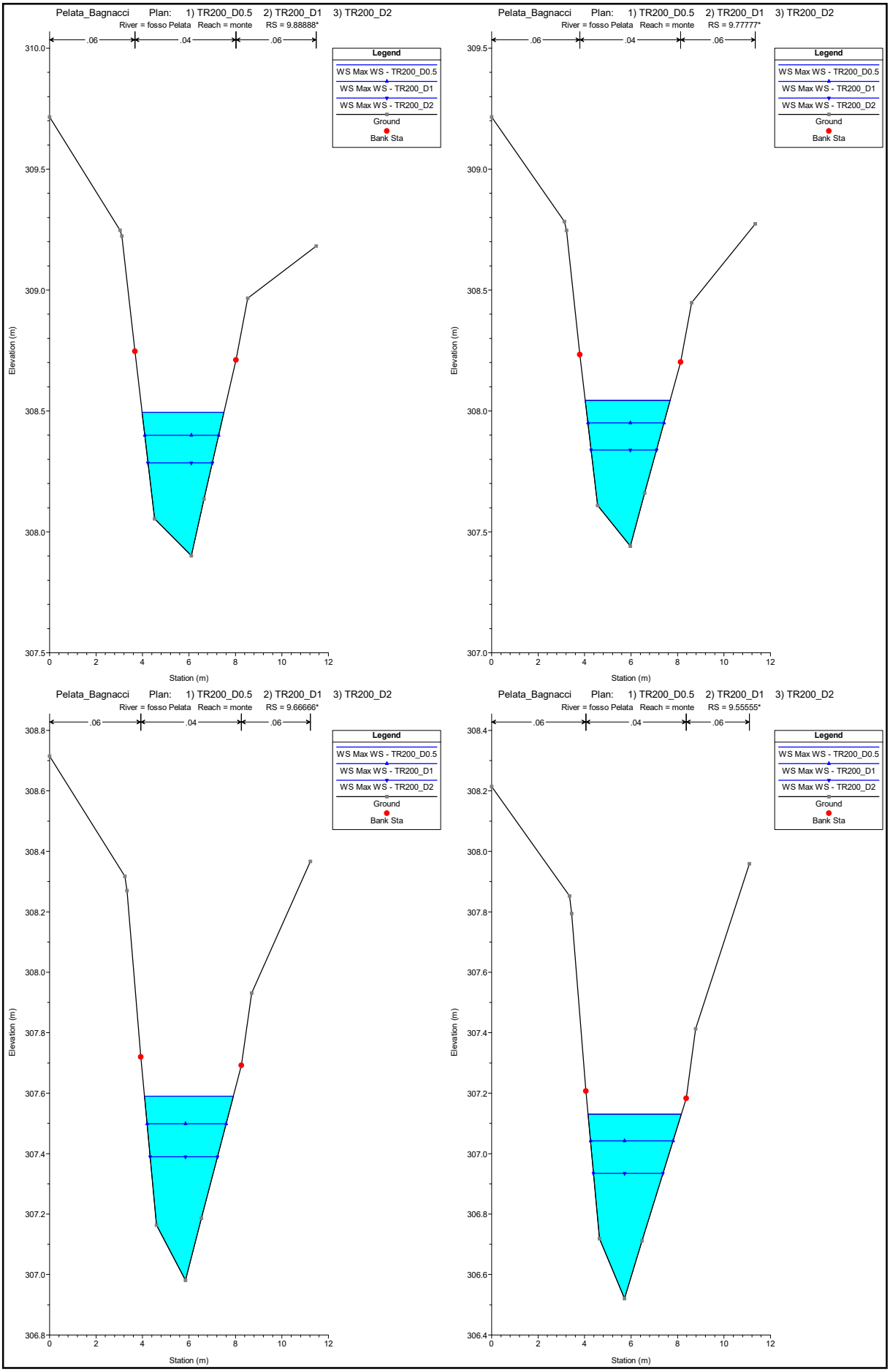
Sezioni Trasversali (da monte verso valle)

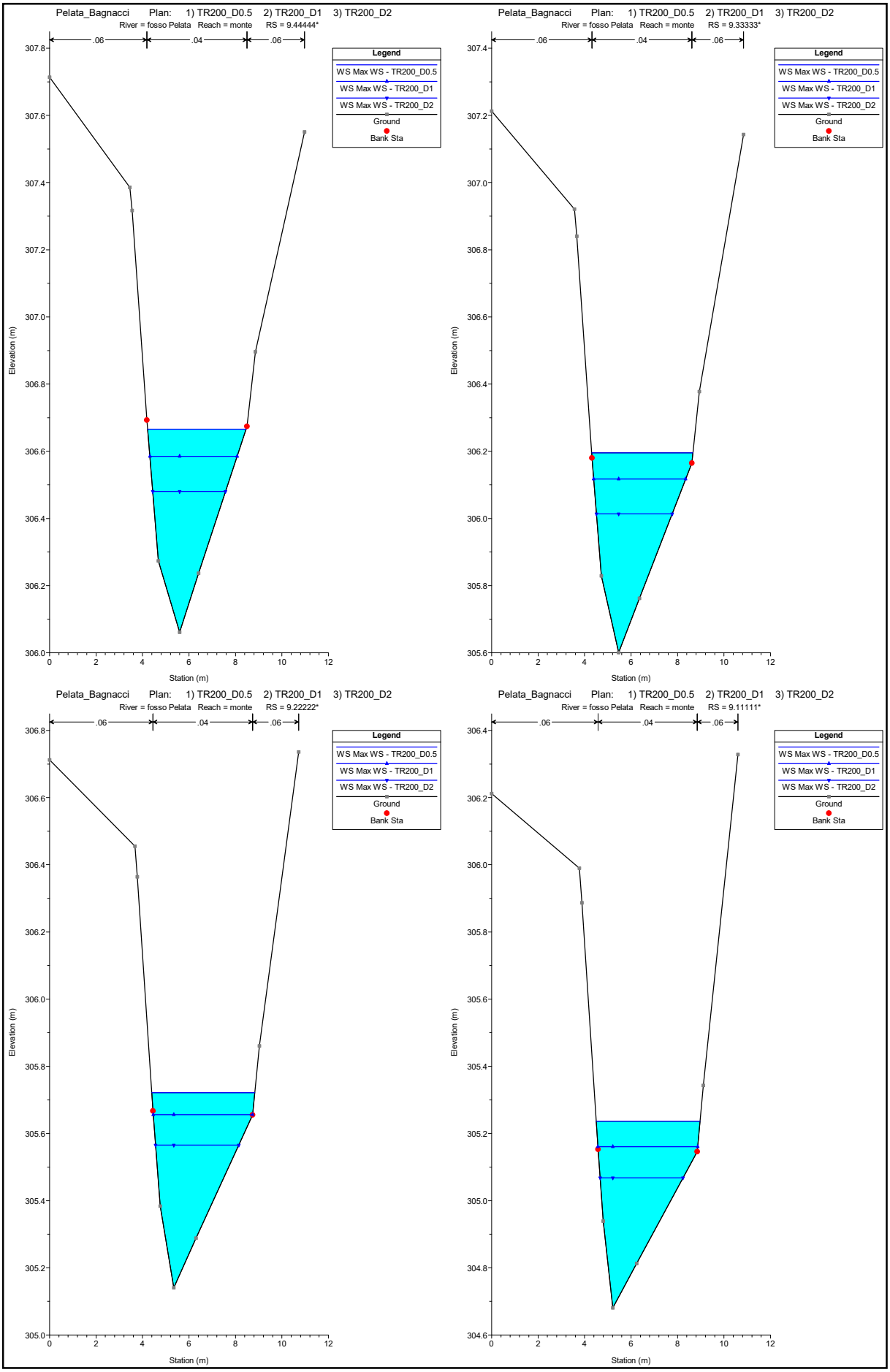

Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = monte RS = 11 PEL-18
.06
.04
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = monte RS = 10.9333*
.06
.04
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = monte RS = 10.8666*
.06
.04
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = monte RS = 10.8*
.06
.04
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

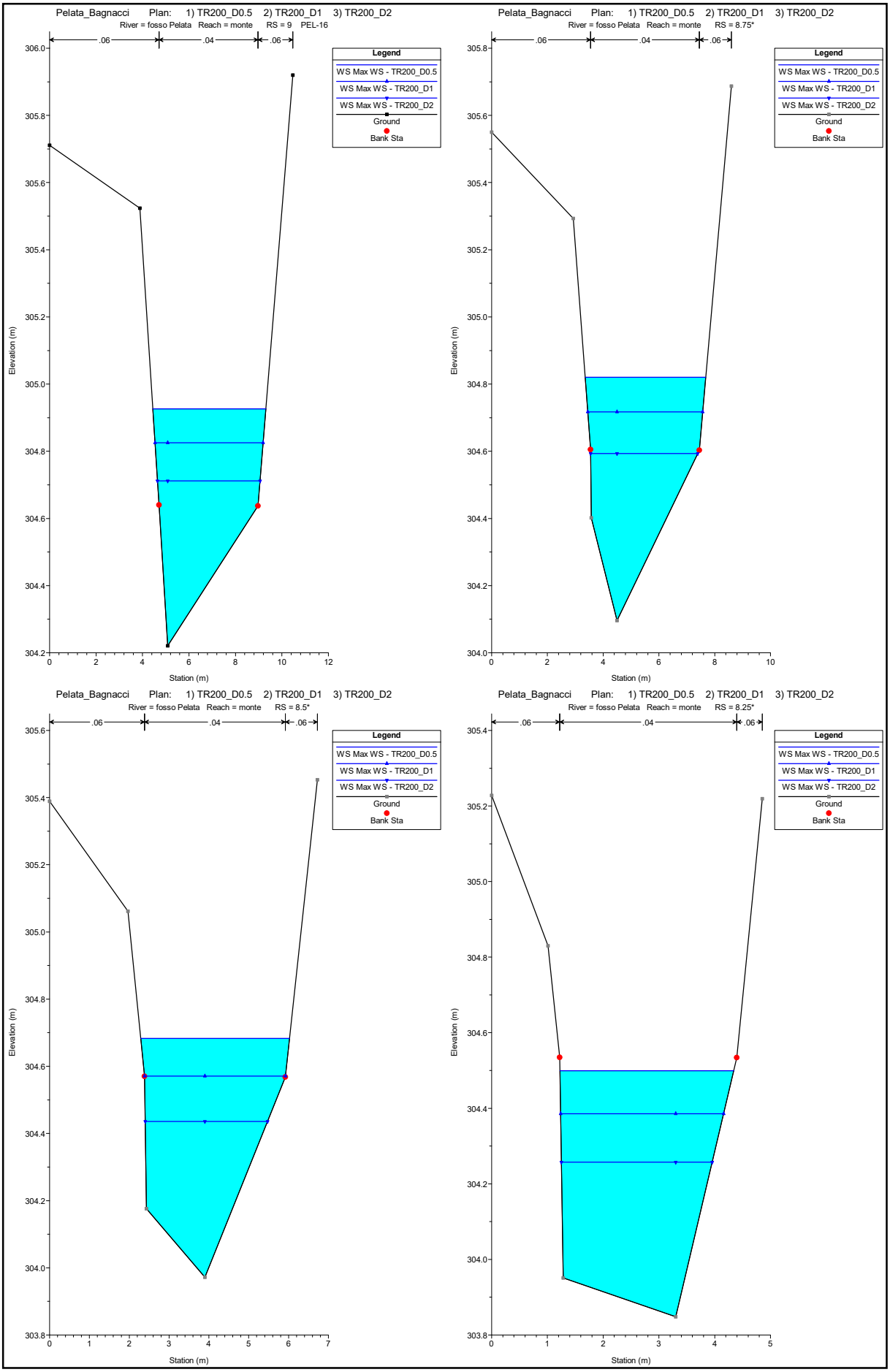

Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = monte RS = 10.7333*
.06 .04 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = monte RS = 10.6666*
.06 .04 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = monte RS = 10.6*
.06 .04 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = monte RS = 10.5333*
.06 .04 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

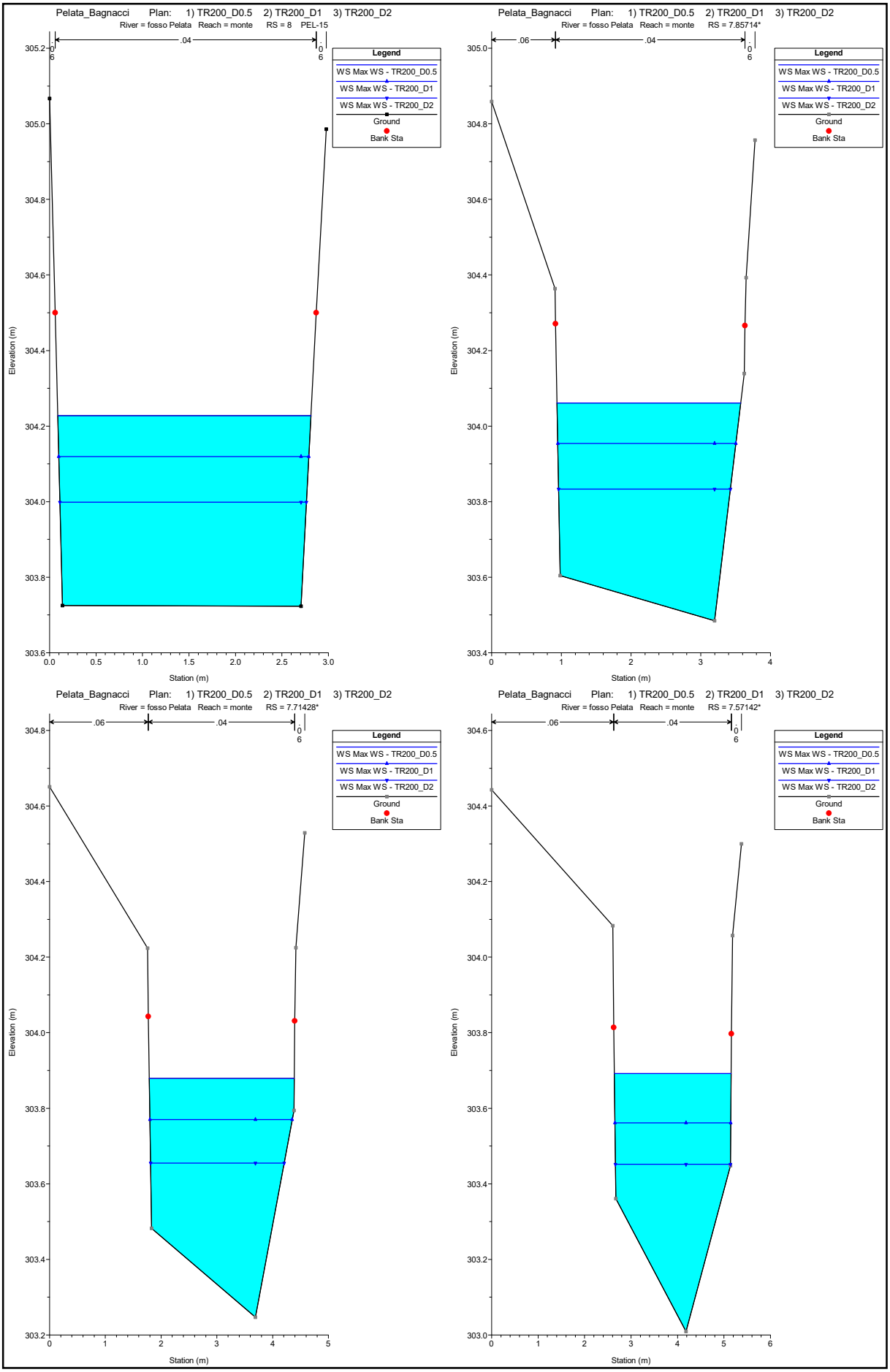

Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = monte RS = 10.4666*
.06
.04
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = monte RS = 10.4*
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = monte RS = 10.3333*
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = monte RS = 10.2666*

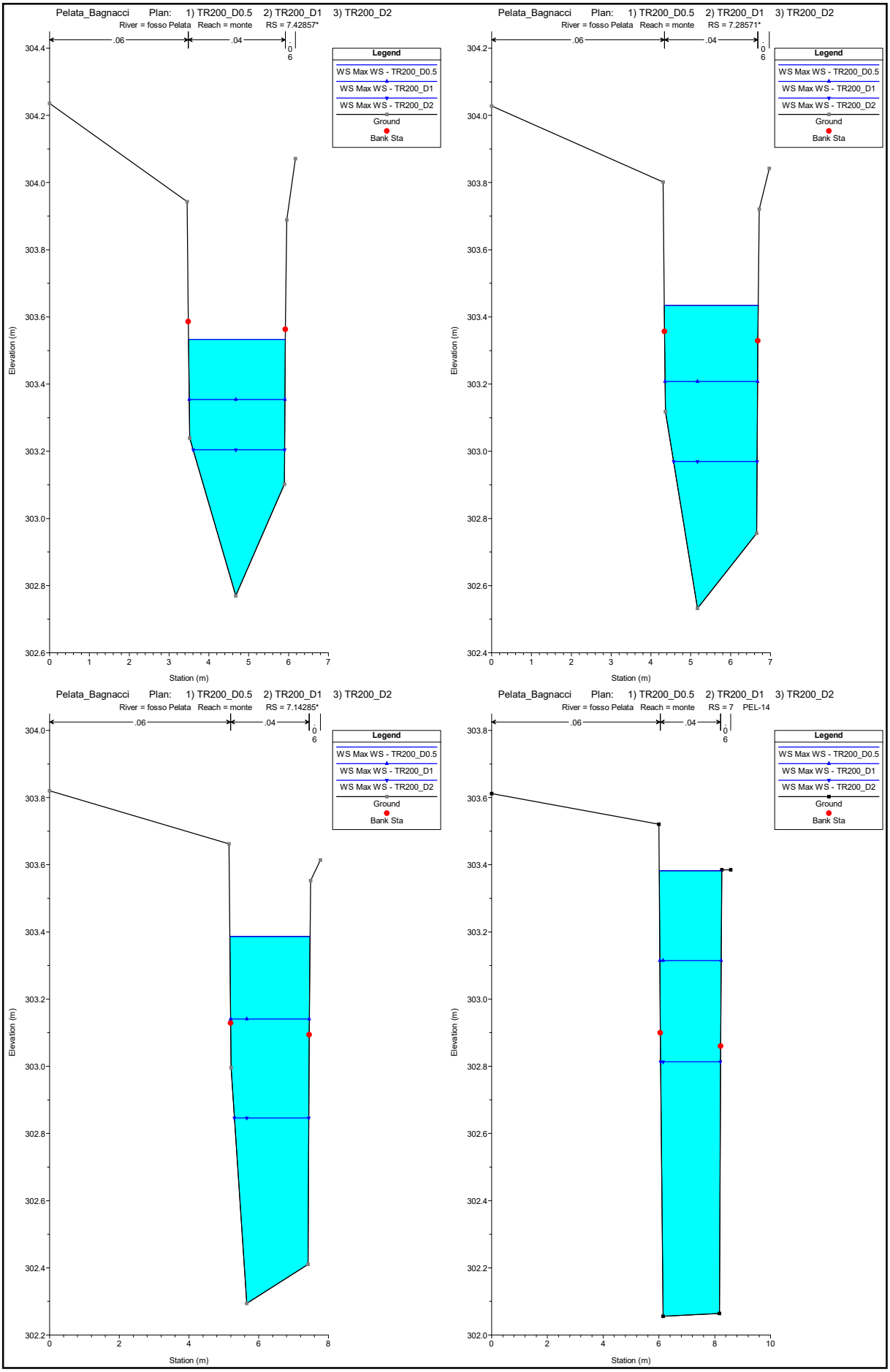

Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = monte RS = 10.2*
.06 .04 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = monte RS = 10.1333*
.06 .04 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = monte RS = 10.0666*
.06 .04 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = monte RS = 10 PEL-17
.06 .04 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

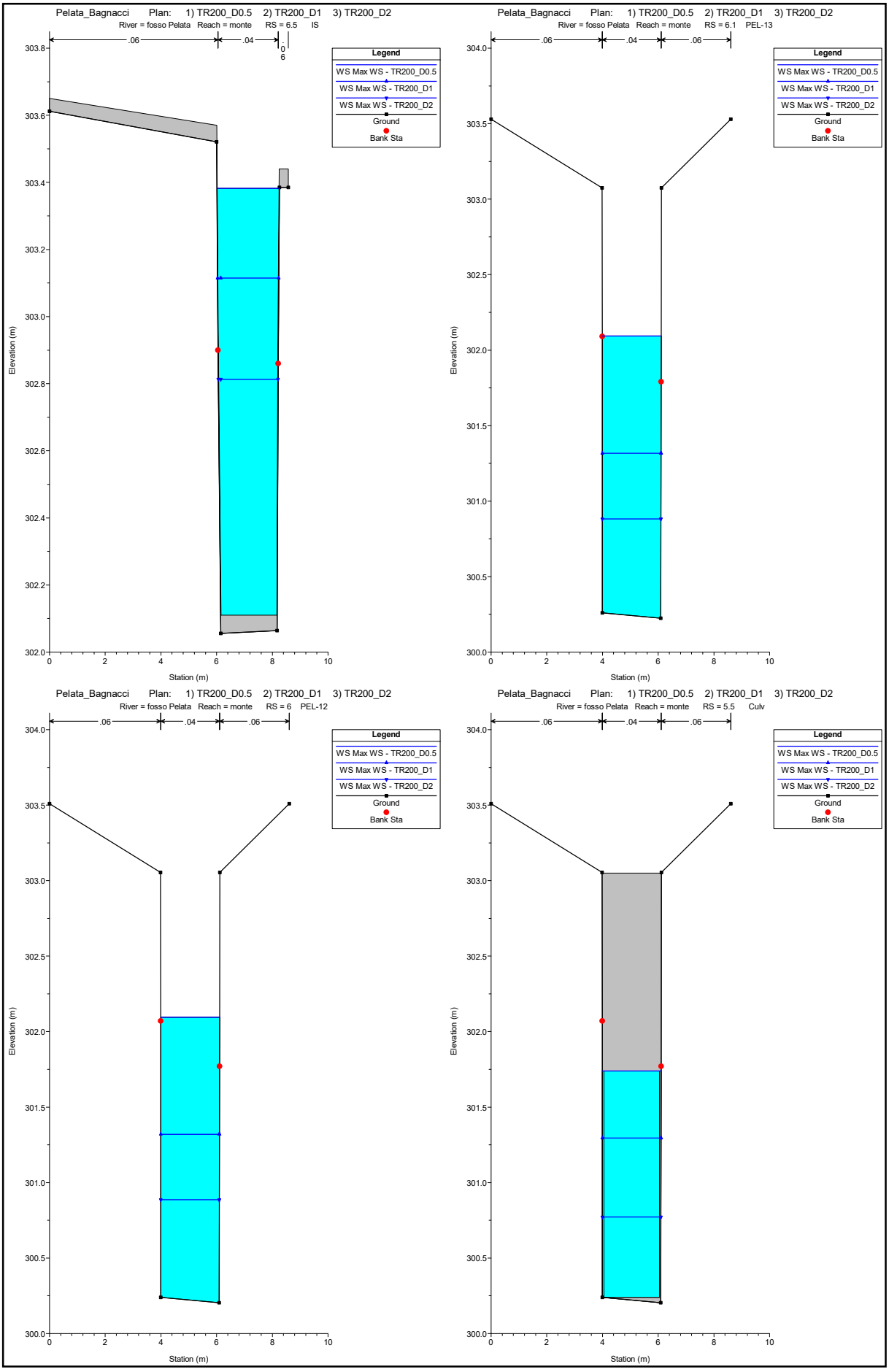

Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = monte RS = 9.88888*
.06 .04 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = monte RS = 9.77777*
.06 .04 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = monte RS = 9.66666*
.06 .04 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = monte RS = 9.55555*
.06 .04 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

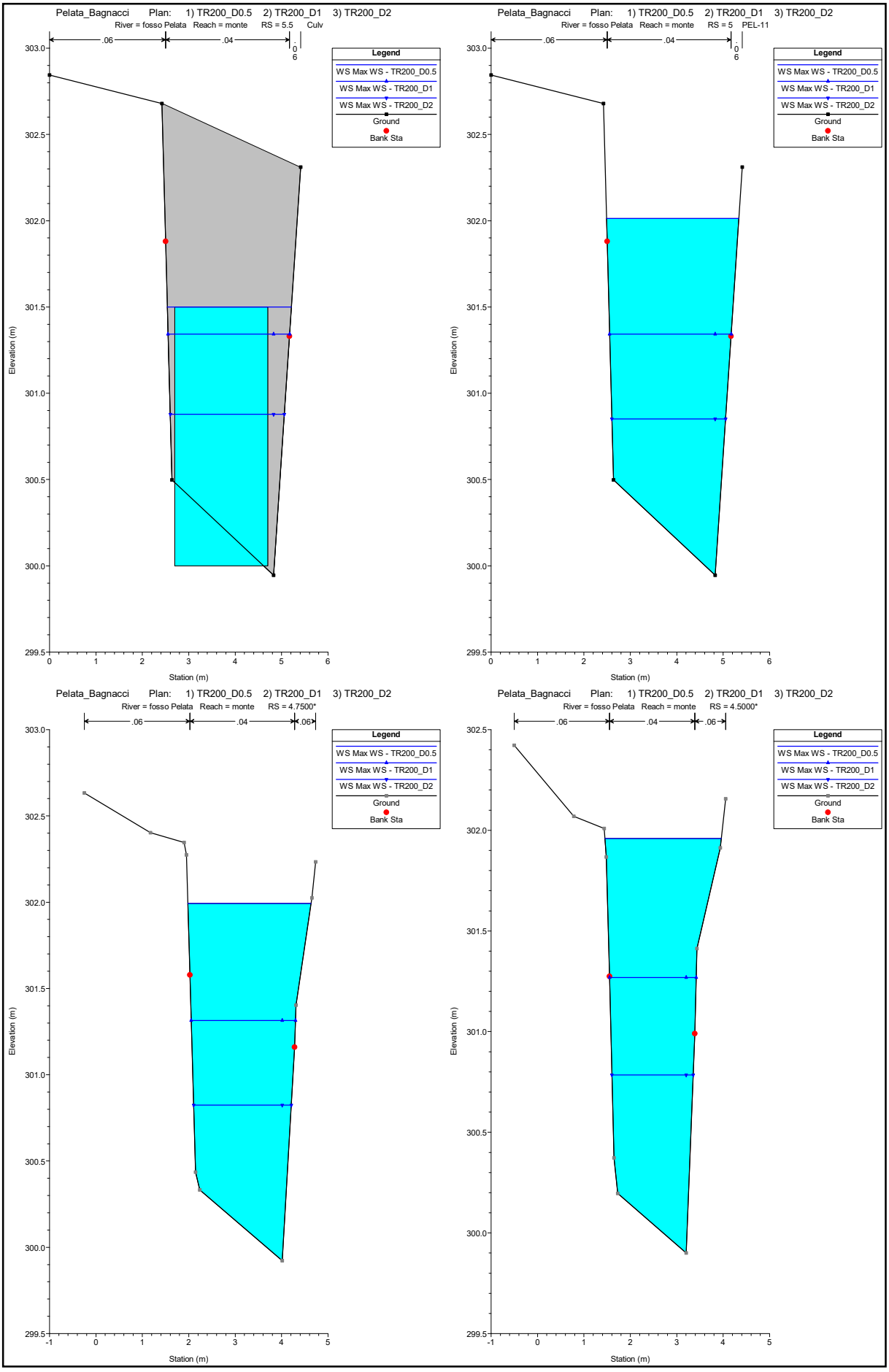

Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = monte RS = 9.44444*
.06
.04
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = monte RS = 9.33333*
.06
.04
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = monte RS = 9.22222*
.06
.04
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = monte RS = 9.11111*
.06
.04
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

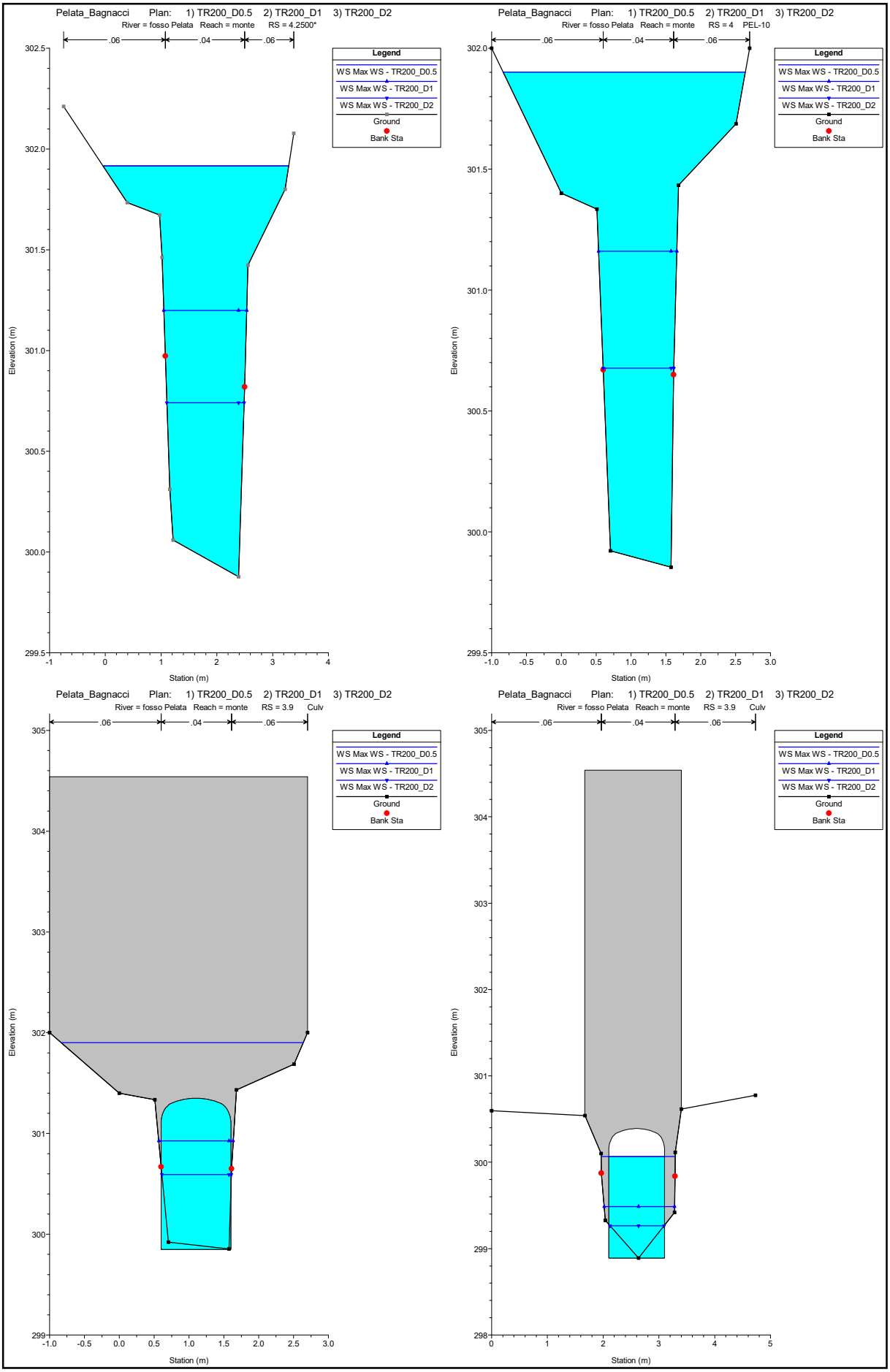

Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = monte RS = 9 PEL-16
.06
.04
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = monte RS = 8.75*
.06
.04
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = monte RS = 8.5*
.06
.04
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = monte RS = 8.25*
.06
.04
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

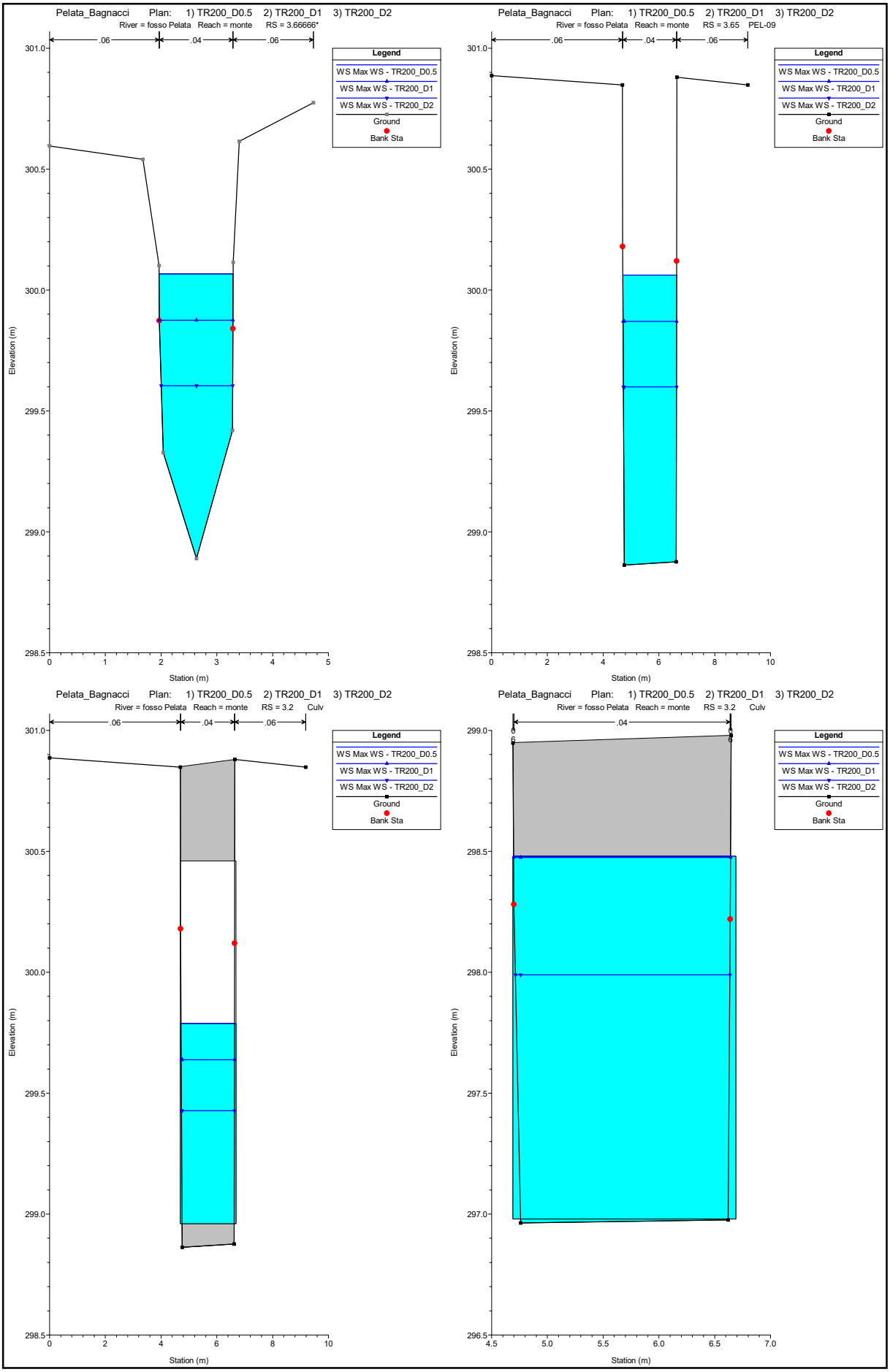

Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = monte RS = 8 PEL-15
.04
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = monte RS = 7.85714*
.06
.04
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = monte RS = 7.71428*
.06
.04
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = monte RS = 7.57142*
.06
.04
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

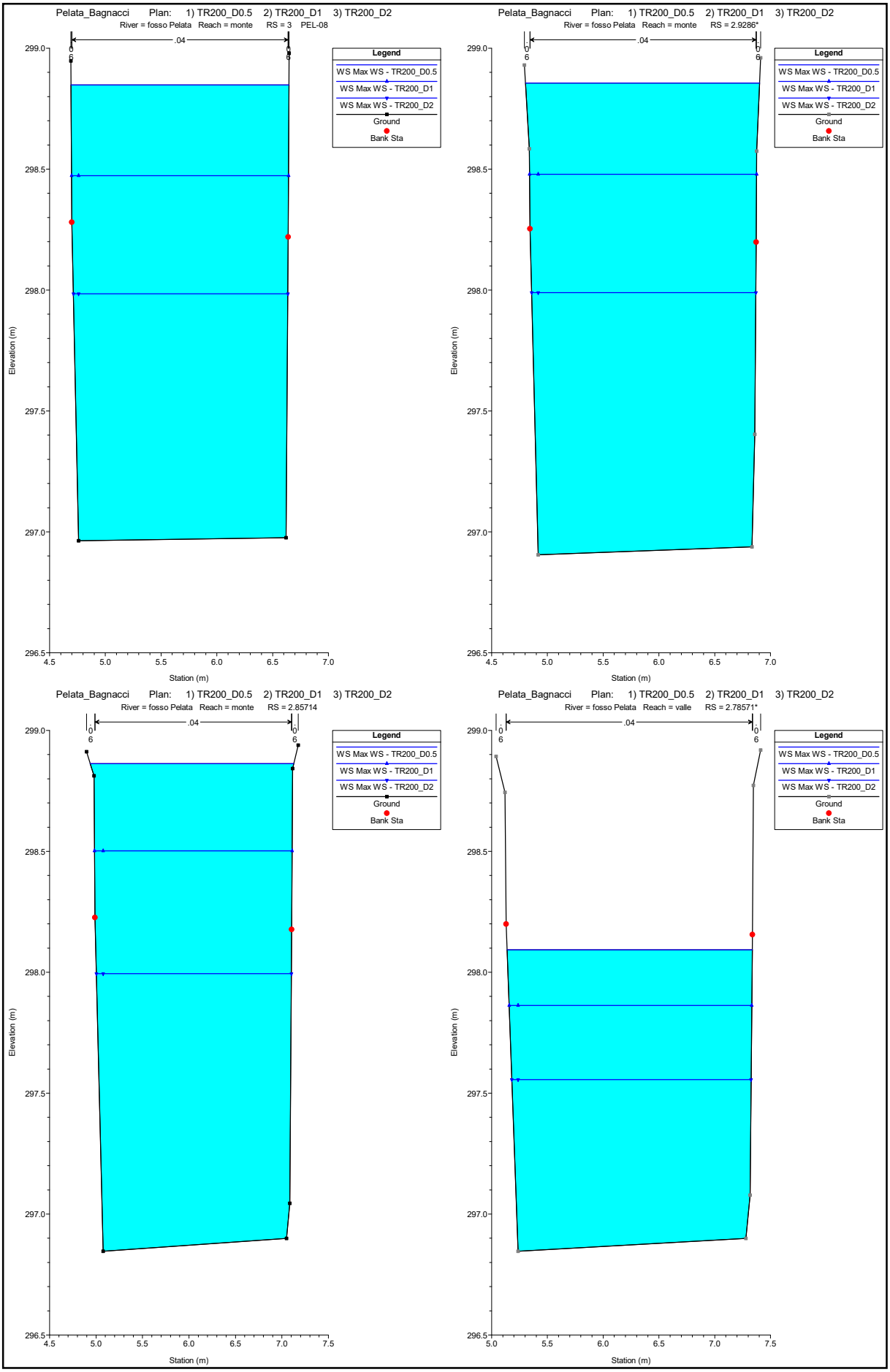

Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = monte RS = 7.42857*
.06
.04
0
6
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = monte RS = 7.28571*
.06
.04
0
6
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = monte RS = 7.14285*
.06
.04
0
6
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = monte RS = 7 PEL-14
.06
.04
0
6
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

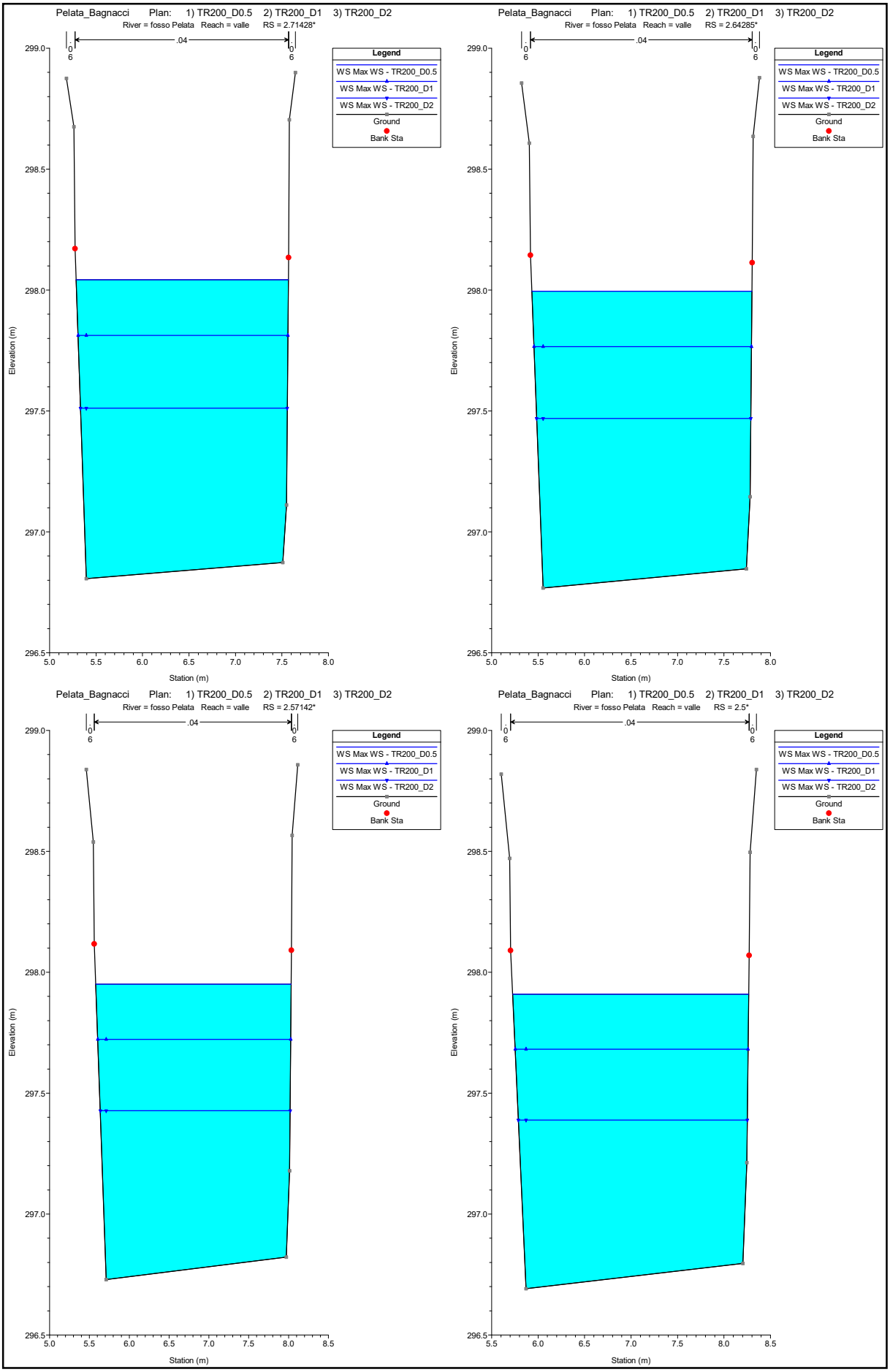

Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = monte RS = 6.5 IS
.06
.04
0
6
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = monte RS = 6.1 PEL-13
.06
.04
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = monte RS = 6 PEL-12
.06
.04
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = monte RS = 5.5 Culv
.06
.04
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

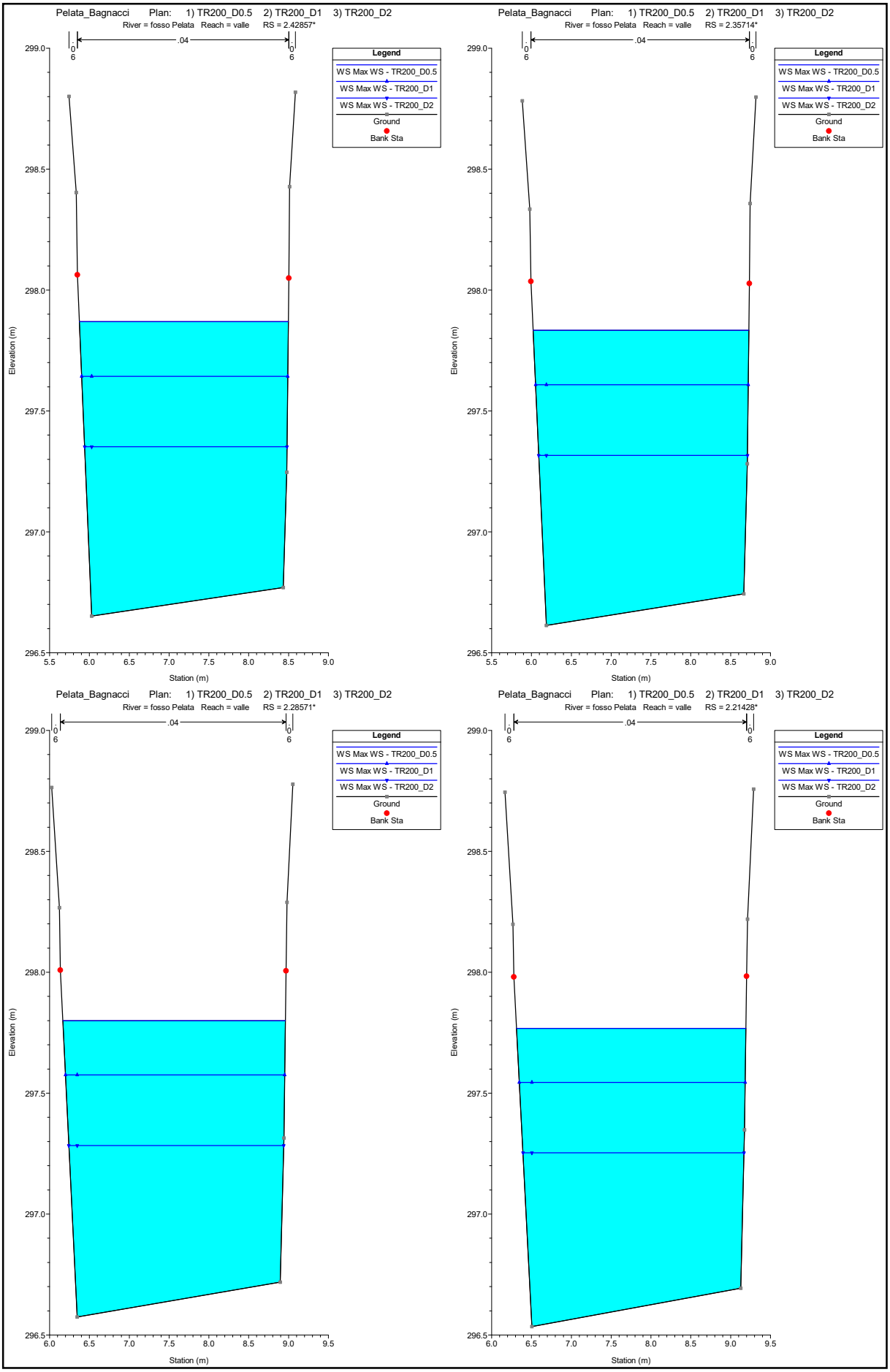

Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = monte RS = 5.5 Culv
.06
.04
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = monte RS = 5 PEL-11
.06
.04
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = monte RS = 4.7500*
.06
.04
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = monte RS = 4.5000*
.06
.04
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

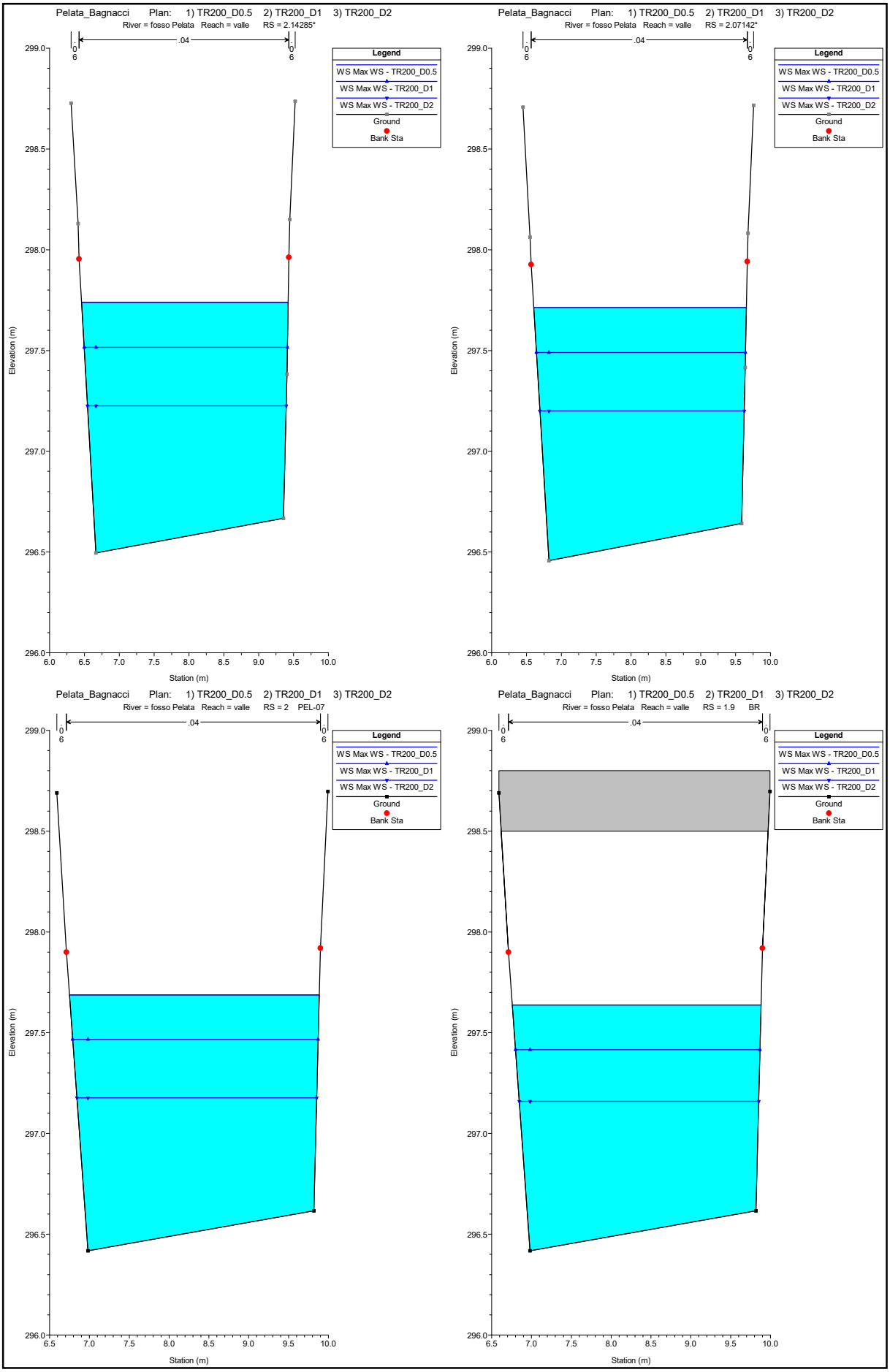

Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = monte RS = 4.2500*
.06 .04 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = monte RS = 4 PEL-10
.06 .04 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = monte RS = 3.9 Culv
.06 .04 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = monte RS = 3.9 Culv
.06 .04 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

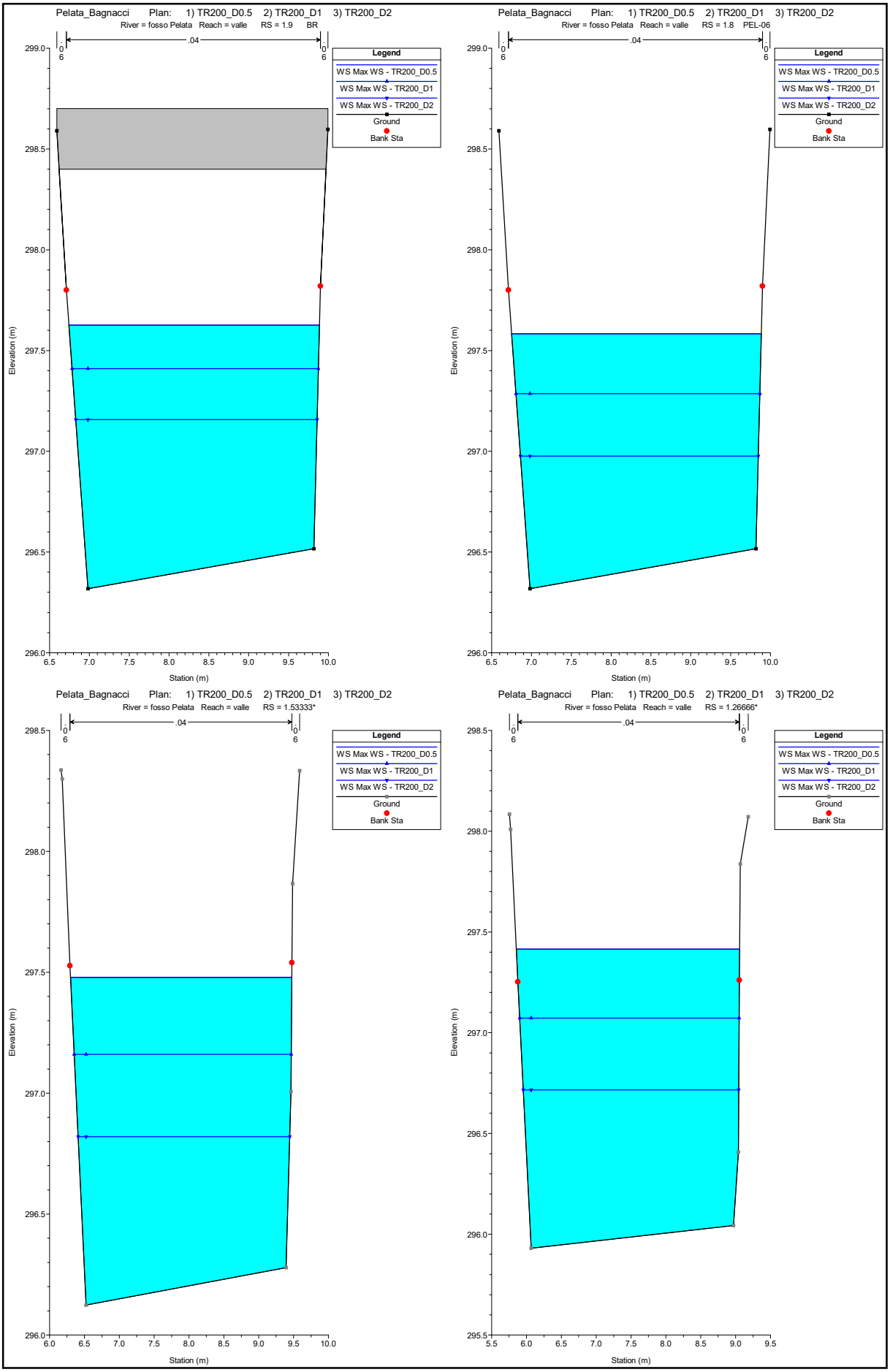

Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = monte RS = 3.66666*
.06
.04
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = monte RS = 3.65 PEL-09
.06
.04
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = monte RS = 3.2 Culv
.06
.04
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = monte RS = 3.2 Culv
.04
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

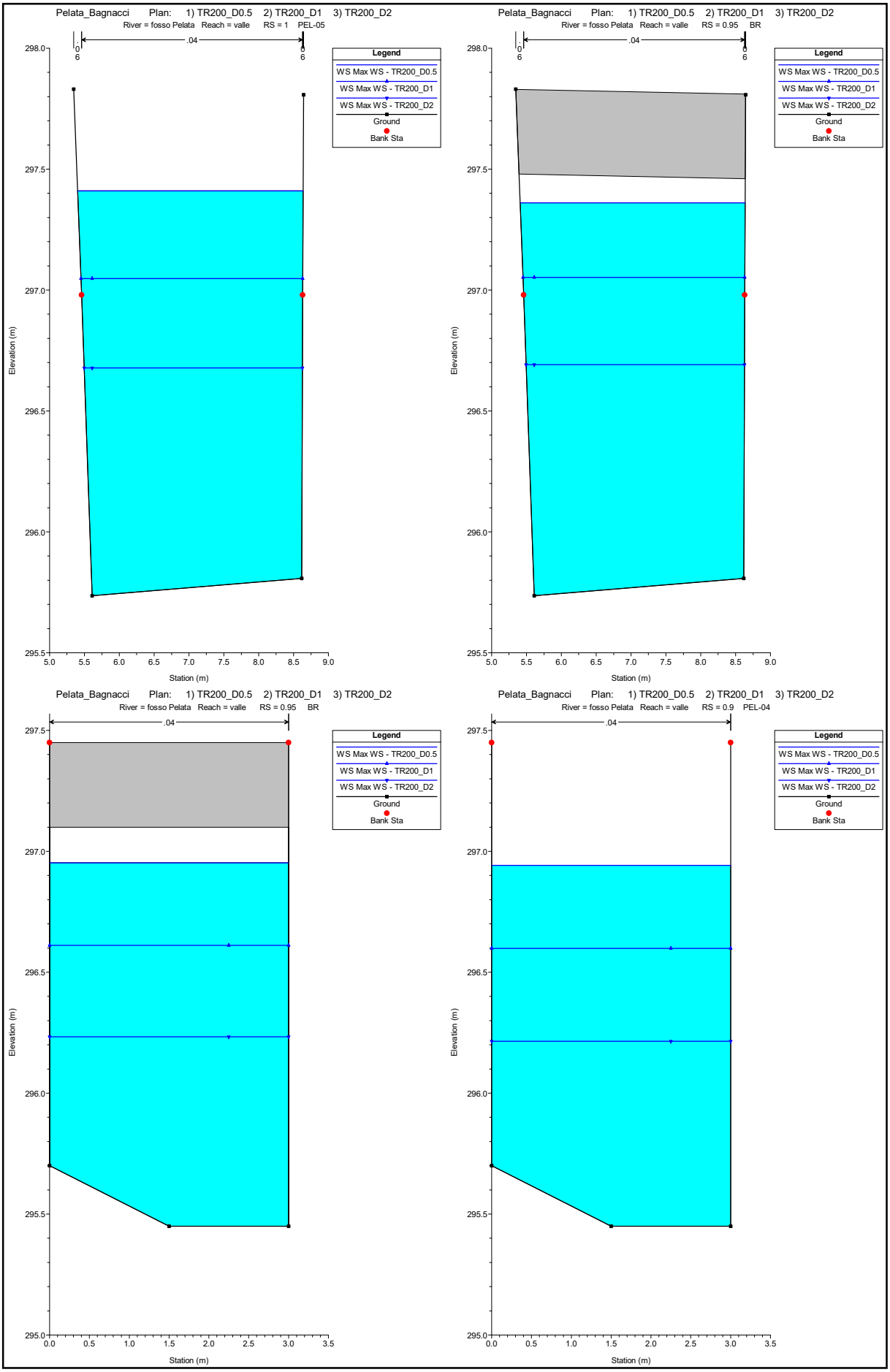

Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = monte RS = 3 PEL-08
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = monte RS = 2.9286*
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = monte RS = 2.85714
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = valle RS = 2.78571*
.04
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

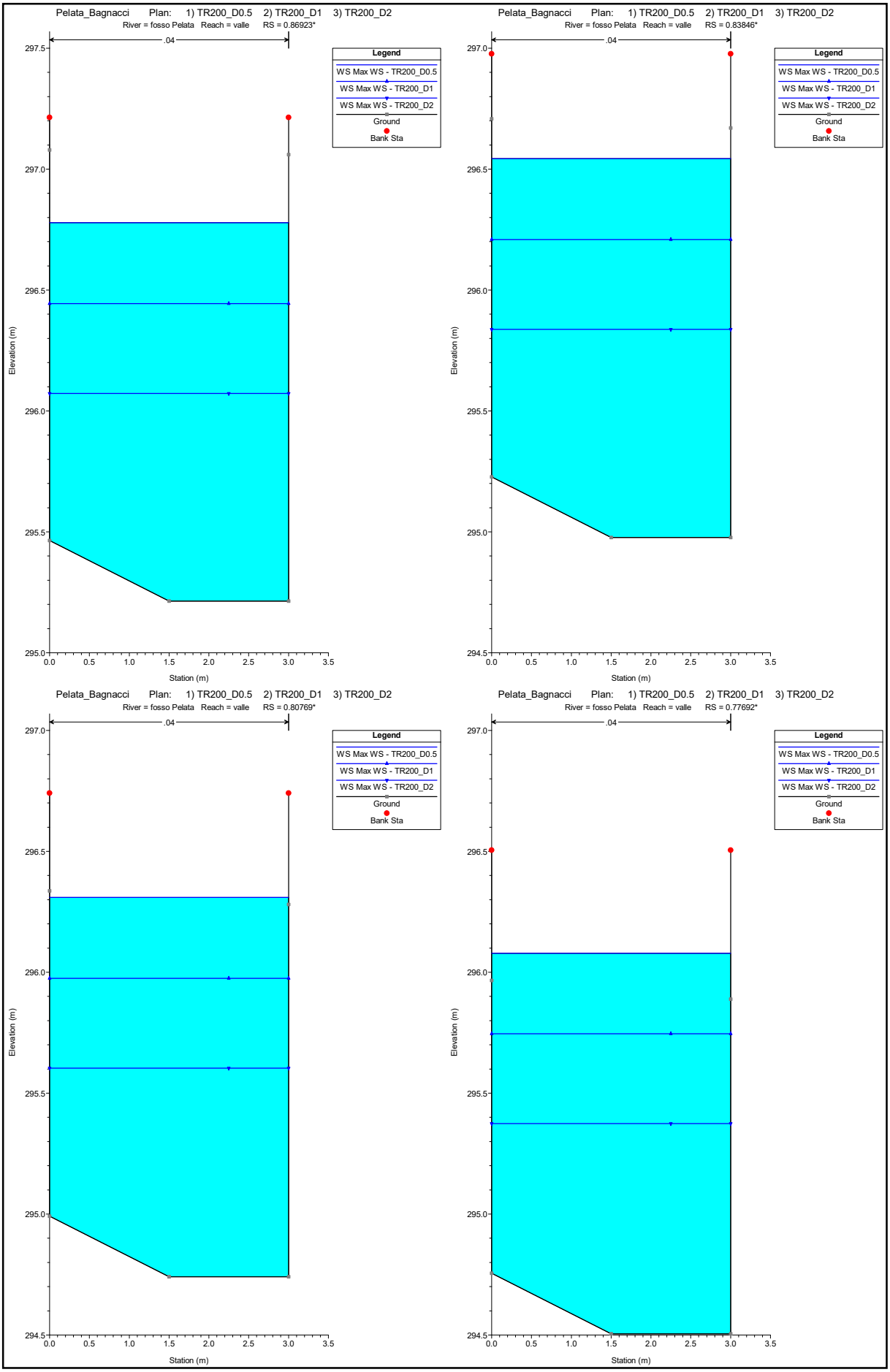

Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = valle RS = 2.71428*
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = valle RS = 2.64285*
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = valle RS = 2.57142*
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = valle RS = 2.5*
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

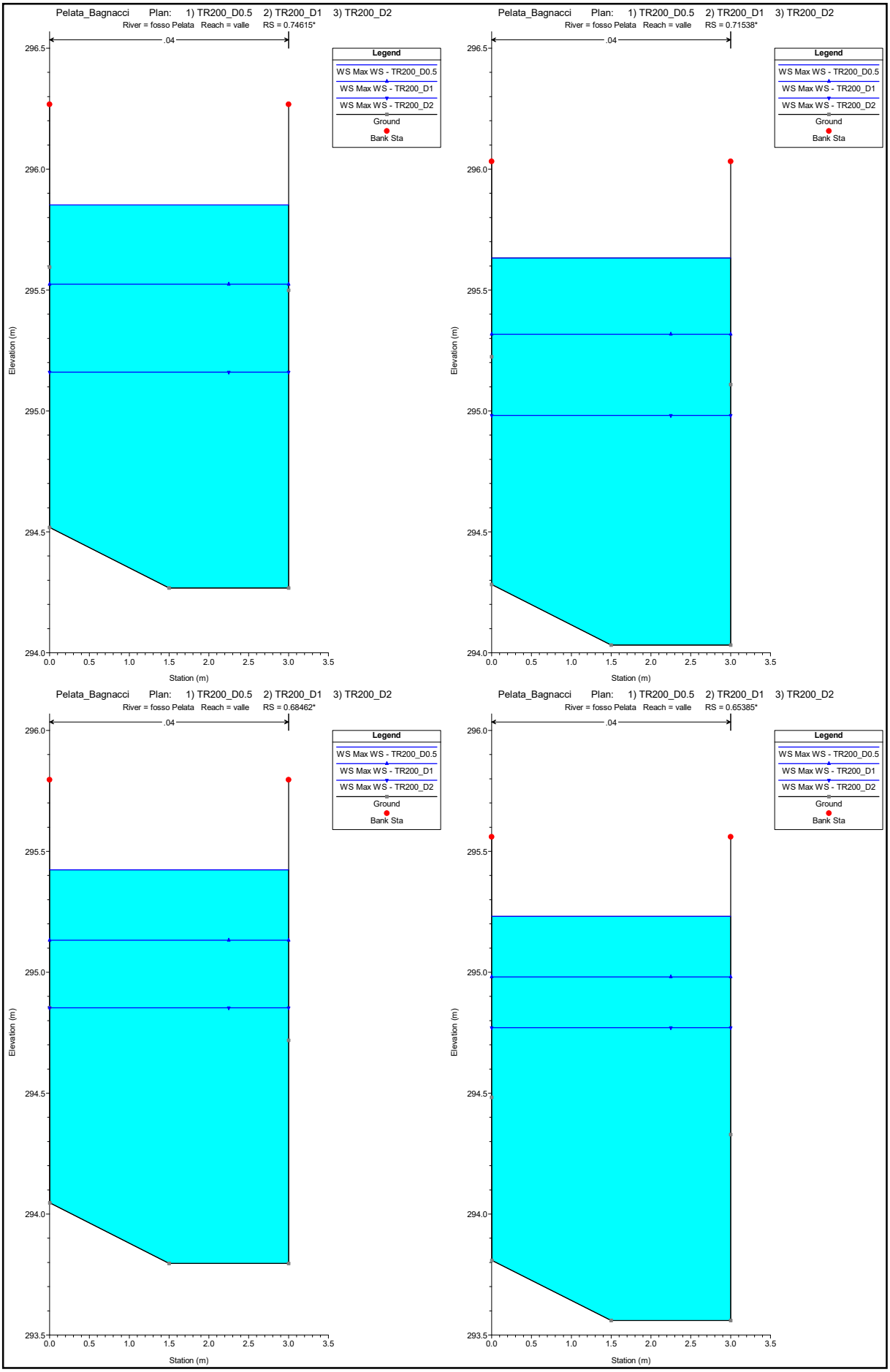

Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = valle RS = 2.42857*
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = valle RS = 2.35714*
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = valle RS = 2.28571*
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = valle RS = 2.21428*
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

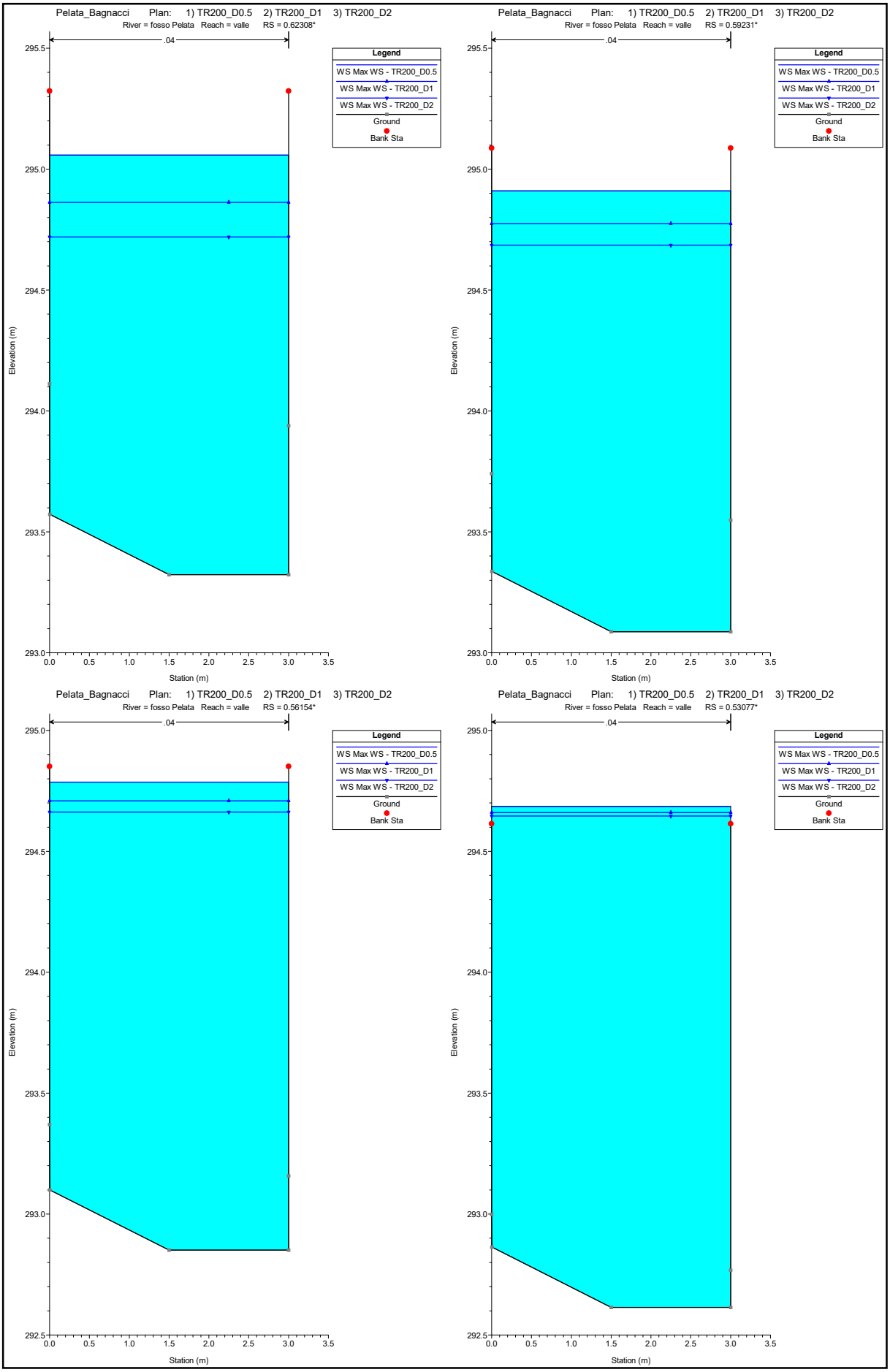

Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = valle RS = 2.14285*
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = valle RS = 2.07142*
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = valle RS = 2 PEL-07
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = valle RS = 1.9 BR
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
.04
Elevation (m)
Station (m)

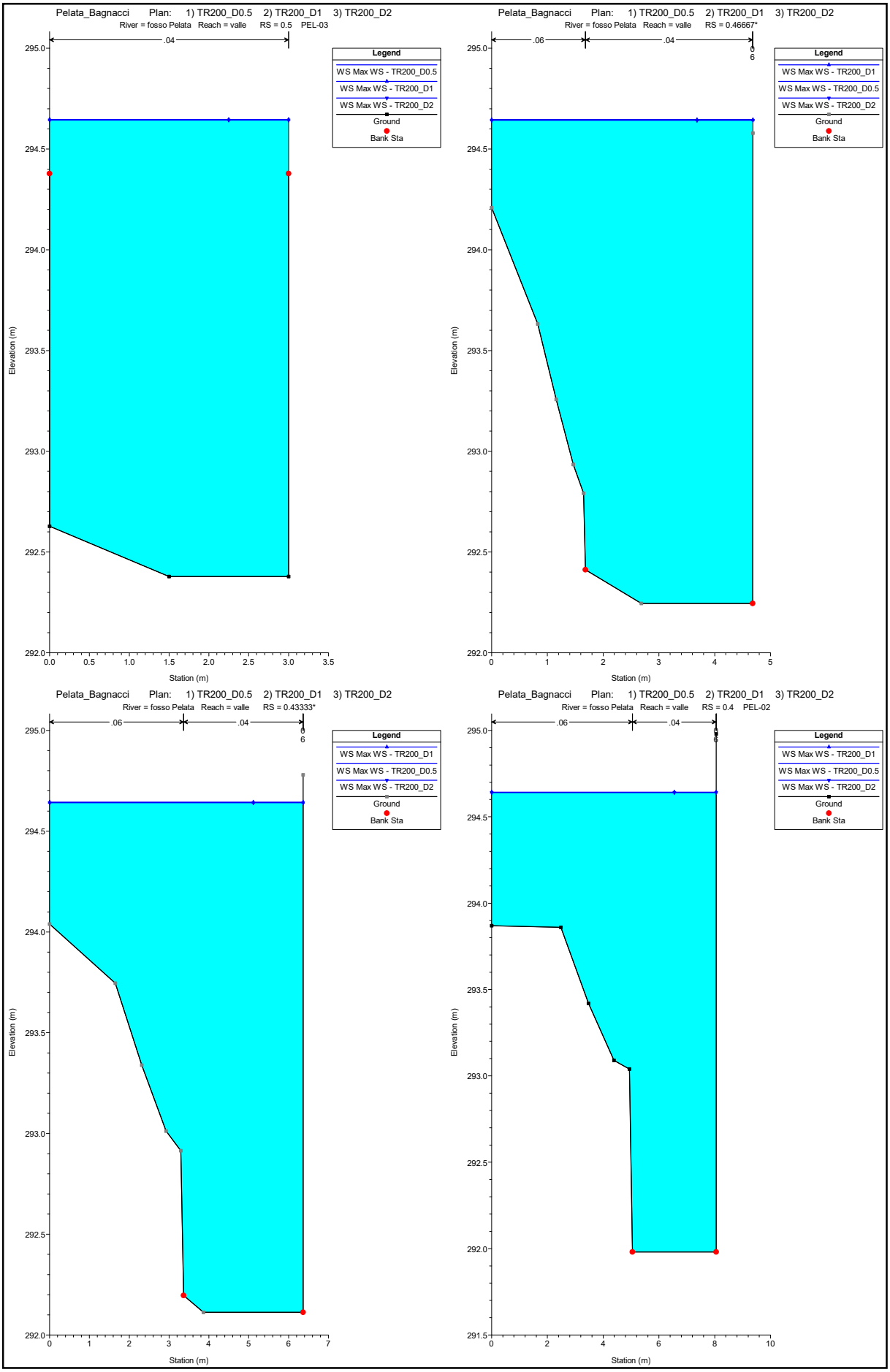

Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = valle RS = 1.9 BR
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = valle RS = 1.8 PEL-06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = valle RS = 1.53333*
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = valle RS = 1.26666*
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

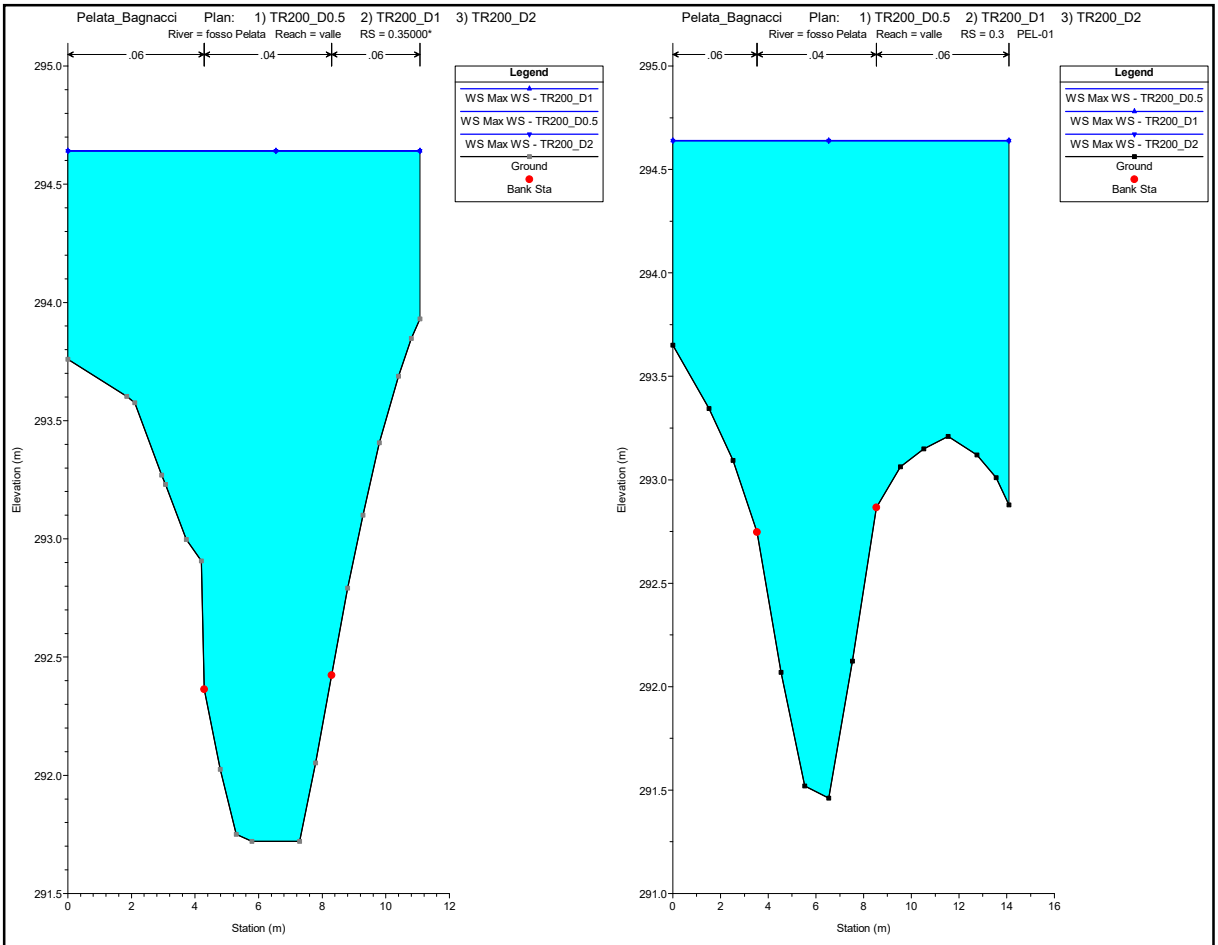

Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = valle RS = 1 PEL-05
.04
0
6
0
6
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = valle RS = 0.95 BR
.04
0
6
0
6
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = valle RS = 0.95 BR
.04
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = valle RS = 0.9 PEL-04
.04
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = valle RS = 0.86923*
.04
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = valle RS = 0.83846*
.04
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = valle RS = 0.80769*
.04
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = valle RS = 0.77692*
.04
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = valle RS = 0.74615*
.04
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = valle RS = 0.71538*
.04
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = valle RS = 0.68462*
.04
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = valle RS = 0.65385*
.04
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = valle RS = 0.62308*
.04
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = valle RS = 0.59231*
.04
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = valle RS = 0.56154*
.04
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = valle RS = 0.53077*
.04
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = valle RS = 0.5 PEL-03
.04
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = valle RS = 0.46667*
.06
.04
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = valle RS = 0.43333*
.06
.04
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = valle RS = 0.4 PEL-02
.06
.04
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = valle RS = 0.35000*
.06
.04
.06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = fosso Pelata Reach = valle RS = 0.3 PEL-01
.06
.04
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "PELATA_BAGNACCI"

FOSSO PELATA

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 0.5, 1h e 2h

Dati idraulici

HEC-RAS Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
monte	11	Max WS	TR200_D0.5	5.10	311.07	311.65	311.90	312.50	0.097121	4.09			1.25	2.32	1.78
monte	11	Max WS	TR200_D1	3.50	311.07	311.52	311.73	312.22	0.102448	3.70			0.95	2.28	1.83
monte	11	Max WS	TR200_D2	2.00	311.07	311.40	311.53	311.86	0.095811	3.00			0.67	2.24	1.76
monte	10.9333*	Max WS	TR200_D0.5	5.10	310.89	311.47	311.73	312.33	0.097028	4.10			1.24	2.38	1.81
monte	10.9333*	Max WS	TR200_D1	3.50	310.89	311.34	311.55	312.04	0.102788	3.71			0.94	2.33	1.86
monte	10.9333*	Max WS	TR200_D2	2.00	310.89	311.22	311.36	311.68	0.096344	3.01			0.66	2.28	1.78
monte	10.8666*	Max WS	TR200_D0.5	5.10	310.71	311.29	311.55	312.15	0.096856	4.10			1.24	2.44	1.83
monte	10.8666*	Max WS	TR200_D1	3.50	310.71	311.16	311.37	311.87	0.103133	3.72			0.94	2.38	1.89
monte	10.8666*	Max WS	TR200_D2	2.00	310.71	311.04	311.18	311.51	0.097852	3.03			0.66	2.32	1.81
monte	10.8*	Max WS	TR200_D0.5	5.10	310.53	311.11	311.37	311.97	0.096675	4.10			1.24	2.50	1.86
monte	10.8*	Max WS	TR200_D1	3.50	310.53	310.99	311.20	311.69	0.101929	3.70			0.94	2.43	1.89
monte	10.8*	Max WS	TR200_D2	2.00	310.53	310.87	311.01	311.34	0.100647	3.06			0.65	2.35	1.85
monte	10.7333*	Max WS	TR200_D0.5	5.10	310.35	310.93	311.19	311.79	0.097582	4.11			1.24	2.56	1.89
monte	10.7333*	Max WS	TR200_D1	3.50	310.35	310.81	311.02	311.50	0.099463	3.67			0.95	2.48	1.89
monte	10.7333*	Max WS	TR200_D2	2.00	310.35	310.69	310.83	311.17	0.104347	3.09			0.65	2.40	1.90
monte	10.6666*	Max WS	TR200_D0.5	5.10	310.17	310.74	311.00	311.61	0.098703	4.12			1.24	2.62	1.92
monte	10.6666*	Max WS	TR200_D1	3.50	310.17	310.64	310.84	311.31	0.096341	3.63			0.96	2.54	1.88
monte	10.6666*	Max WS	TR200_D2	2.00	310.17	310.51	310.66	311.00	0.107839	3.12			0.64	2.44	1.94
monte	10.6*	Max WS	TR200_D0.5	5.10	309.99	310.56	310.82	311.43	0.098752	4.12			1.24	2.69	1.94
monte	10.6*	Max WS	TR200_D1	3.50	309.99	310.46	310.66	311.13	0.095863	3.61			0.97	2.60	1.89
monte	10.6*	Max WS	TR200_D2	2.00	309.99	310.33	310.48	310.83	0.110905	3.14			0.64	2.48	1.98
monte	10.5333*	Max WS	TR200_D0.5	5.10	309.81	310.38	310.64	311.24	0.097255	4.08			1.25	2.77	1.94
monte	10.5333*	Max WS	TR200_D1	3.50	309.81	310.28	310.48	310.95	0.097950	3.63			0.96	2.66	1.92
monte	10.5333*	Max WS	TR200_D2	2.00	309.81	310.16	310.30	310.65	0.107779	3.11			0.64	2.53	1.96
monte	10.4666*	Max WS	TR200_D0.5	5.09	309.63	310.21	310.46	311.05	0.096836	4.06			1.25	2.84	1.95
monte	10.4666*	Max WS	TR200_D1	3.50	309.63	310.10	310.30	310.77	0.099487	3.64			0.96	2.72	1.95
monte	10.4666*	Max WS	TR200_D2	2.00	309.63	309.99	310.13	310.45	0.099394	3.02			0.66	2.55	1.90
monte	10.4*	Max WS	TR200_D0.5	5.09	309.45	310.02	310.28	310.86	0.097285	4.05			1.26	2.92	1.97
monte	10.4*	Max WS	TR200_D1	3.50	309.45	309.92	310.12	310.59	0.098733	3.61			0.97	2.78	1.95
monte	10.4*	Max WS	TR200_D2	2.00	309.45	309.81	309.95	310.27	0.096257	3.00			0.67	2.55	1.87
monte	10.3333*	Max WS	TR200_D0.5	5.09	309.26	309.84	310.10	310.67	0.097229	4.03			1.26	3.00	1.98
monte	10.3333*	Max WS	TR200_D1	3.50	309.26	309.75	309.94	310.40	0.098024	3.58			0.98	2.85	1.96
monte	10.3333*	Max WS	TR200_D2	2.00	309.26	309.63	309.77	310.10	0.100316	3.05			0.66	2.54	1.91
monte	10.2666*	Max WS	TR200_D0.5	5.09	309.08	309.66	309.91	310.48	0.097265	4.00			1.27	3.09	1.99
monte	10.2666*	Max WS	TR200_D1	3.50	309.08	309.56	309.76	310.22	0.098233	3.58			0.98	2.89	1.96
monte	10.2666*	Max WS	TR200_D2	2.00	309.08	309.45	309.59	309.92	0.100484	3.04			0.66	2.56	1.92
monte	10.2*	Max WS	TR200_D0.5	5.09	308.90	309.48	309.73	310.29	0.097860	3.99			1.28	3.17	2.01
monte	10.2*	Max WS	TR200_D1	3.50	308.90	309.38	309.58	310.03	0.097497	3.56			0.98	2.92	1.96
monte	10.2*	Max WS	TR200_D2	2.00	308.90	309.27	309.41	309.73	0.097222	3.00			0.67	2.59	1.89
monte	10.1333*	Max WS	TR200_D0.5	5.09	308.72	309.30	309.54	310.10	0.097742	3.96			1.29	3.25	2.01
monte	10.1333*	Max WS	TR200_D1	3.50	308.72	309.20	309.40	309.84	0.096903	3.54			0.99	2.97	1.96
monte	10.1333*	Max WS	TR200_D2	2.00	308.72	309.09	309.23	309.54	0.096749	2.98			0.67	2.63	1.89
monte	10.0666*	Max WS	TR200_D0.5	5.09	308.54	309.12	309.36	309.90	0.096266	3.92			1.30	3.32	2.00
monte	10.0666*	Max WS	TR200_D1	3.50	308.54	309.02	309.22	309.65	0.096454	3.51			1.00	3.02	1.95
monte	10.0666*	Max WS	TR200_D2	2.00	308.54	308.91	309.05	309.36	0.097129	2.97			0.67	2.68	1.89
monte	10	Max WS	TR200_D0.5	5.09	308.36	308.94	309.17	309.68	0.090651	3.81			1.34	3.42	1.94
monte	10	Max WS	TR200_D1	3.50	308.36	308.85	309.03	309.44	0.090342	3.41			1.03	3.11	1.90
monte	10	Max WS	TR200_D2	2.00	308.36	308.73	308.86	309.15	0.090354	2.88			0.69	2.75	1.83
monte	9.88888*	Max WS	TR200_D0.5	5.09	307.90	308.49	308.72	309.22	0.090892	3.77			1.35	3.52	1.95
monte	9.88888*	Max WS	TR200_D1	3.50	307.90	308.40	308.58	308.99	0.090501	3.39			1.03	3.18	1.90
monte	9.88888*	Max WS	TR200_D2	2.00	307.90	308.29	308.42	308.71	0.091332	2.88			0.69	2.77	1.84
monte	9.77777*	Max WS	TR200_D0.5	5.09	307.44	308.04	308.26	308.76	0.092087	3.74			1.36	3.65	1.96
monte	9.77777*	Max WS	TR200_D1	3.50	307.44	307.95	308.13	308.53	0.091740	3.37			1.04	3.27	1.91
monte	9.77777*	Max WS	TR200_D2	2.00	307.44	307.84	307.97	308.26	0.091204	2.87			0.70	2.82	1.84
monte	9.66666*	Max WS	TR200_D0.5	5.09	306.98	307.59	307.80	308.28	0.092510	3.69			1.38	3.82	1.96
monte	9.66666*	Max WS	TR200_D1	3.50	306.98	307.50	307.68	308.07	0.092485	3.34			1.05	3.40	1.92
monte	9.66666*	Max WS	TR200_D2	2.00	306.98	307.39	307.52	307.80	0.090290	2.83			0.71	2.90	1.83
monte	9.55555*	Max WS	TR200_D0.5	5.09	306.52	307.13	307.33	307.81	0.094659	3.65			1.39	4.01	1.98
monte	9.55555*	Max WS	TR200_D1	3.50	306.52	307.04	307.21	307.60	0.094078	3.30			1.06	3.55	1.93
monte	9.55555*	Max WS	TR200_D2	2.00	306.52	306.93	307.06	307.34	0.093299	2.83			0.71	2.99	1.86
monte	9.44444*	Max WS	TR200_D0.5	5.09	306.06	306.67	306.86	307.33	0.097452	3.61			1.41	4.24	2.00
monte	9.44444*	Max WS	TR200_D1	3.50	306.06	306.58	306.75	307.12	0.093376	3.23			1.08	3.76	1.92
monte	9.44444*	Max WS	TR200_D2	2.00	306.06	306.48	306.60	306.87	0.091179	2.76			0.73	3.14	1.83
monte	9.33333*	Max WS	TR200_D0.5	5.09	305.60	306.20	306.39	306.85	0.097063	3.60	0.16	0.28	1.42	4.36	2.00
monte	9.33333*	Max WS	TR200_D1	3.50	305.60	306.12	306.27	306.64	0.097899	3.21			1.09	3.96	1.95
monte	9.33333*	Max WS	TR200_D2	2.00	305.60	306.01	306.14	306.41	0.099563	2.79			0.72	3.26	1.90
monte	9.22222*	Max WS	TR200_D0.5	5.09	305.14	305.72	305.91	306.37	0.094880	3.58	0.36	0.46	1.43	4.43	1.99
monte	9.22222*	Max WS	TR200_D1	3.50	305.14	305.66	305.80	306.13	0.092295	3.06			1.14	4.27	1.89
monte	9.22222*	Max WS	TR200_D2	2.00	305.14	305.57	305.67	305.90	0.082686	2.55			0.79	3.58	1.73
monte	9.11111*	Max WS	TR200_D0.5	5.09	304.68	305.24	305.43	305.92	0.101047	3.65	0.50	0.58	1.40	4.47	2.04
monte	9.11111*	Max WS	TR200_D1	3.50	304.68	305.16	305.32	305.71	0.115010	3.27	0.11	0.19	1.07	4.30	2.09
monte	9.11111*	Max WS	TR200_D2	2.00	304.68	305.07	305.19	305.49	0.121842	2.86			0.70	3.57	2.07
monte	9	Max WS	TR200_D0.5	5.09	304.22	304.93	304.95	305.21	0.024470	2.38	0.55	0.60	2.21	4.87	1.08
monte	9	Max WS	TR200_D1	3.50	304.22	304.83	304.84	305.04	0.024852	2.06	0.42	0.45	1.73	4.66	1.04
monte	9	Max WS	TR200_D2	2.00	304.22	304.71	304.71	304.85	0.025328	1.66	0.22	0.25	1.21	4.42	1.00
monte	8.75*	Max WS	TR200_D0.5	5.09	304.10	304.82	304.88	305.17	0.031055	2.63	0.51	0.54	1.97	4.32	1.20
monte	8.75*	Max WS	TR200_D1	3.50	304.10	304.72	304.76	304.99	0.032294	2.30	0.34	0.36	1.54	4.12	1.17
monte	8.75*	Max WS	TR200_D2	2.00	304.10	304.59	304.62	304.78	0.036967	1.93			1.04	3.84	1.18
monte	8.5*	Max WS	TR200_D0.5	5.09	303.97	304.68	304.78	305.12	0.040975	2.91	0.37	0.39	1.75	3.74	1.33

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
monte	8.5*	Max WS	TR200_D1	3.50	303.97	304.57	304.65	304.91	0.045797	2.60			1.35	3.54	1.34
monte	8.5*	Max WS	TR200_D2	2.00	303.97	304.44	304.50	304.69	0.046350	2.22			0.90	3.07	1.31
monte	8.25*	Max WS	TR200_D0.5	5.09	303.85	304.50	304.64	305.04	0.055243	3.25			1.56	3.11	1.47
monte	8.25*	Max WS	TR200_D1	3.50	303.85	304.39	304.50	304.80	0.052916	2.87			1.22	2.92	1.42
monte	8.25*	Max WS	TR200_D2	2.00	303.85	304.26	304.32	304.53	0.047850	2.33			0.86	2.70	1.32
monte	8	Max WS	TR200_D0.5	5.09	303.72	304.23	304.45	304.97	0.087091	3.81			1.33	2.72	1.74
monte	8	Max WS	TR200_D1	3.50	303.72	304.12	304.29	304.70	0.087065	3.37			1.04	2.69	1.73
monte	8	Max WS	TR200_D2	2.00	303.72	304.00	304.12	304.40	0.088827	2.79			0.72	2.65	1.72
monte	7.85714*	Max WS	TR200_D0.5	5.09	303.49	304.06	304.30	304.89	0.095816	4.03			1.26	2.64	1.86
monte	7.85714*	Max WS	TR200_D1	3.50	303.49	303.95	304.15	304.60	0.094485	3.55			0.98	2.56	1.83
monte	7.85714*	Max WS	TR200_D2	2.00	303.49	303.83	303.97	304.27	0.093502	2.94			0.68	2.46	1.78
monte	7.71428*	Max WS	TR200_D0.5	5.08	303.25	303.88	304.14	304.77	0.104132	4.19			1.21	2.60	1.96
monte	7.71428*	Max WS	TR200_D1	3.50	303.25	303.77	303.98	304.49	0.107848	3.76			0.93	2.55	1.99
monte	7.71428*	Max WS	TR200_D2	2.00	303.25	303.65	303.80	304.14	0.103091	3.09			0.65	2.39	1.90
monte	7.57142*	Max WS	TR200_D0.5	5.08	303.01	303.69	303.95	304.58	0.100730	4.18			1.22	2.51	1.92
monte	7.57142*	Max WS	TR200_D1	3.50	303.01	303.56	303.79	304.35	0.120638	3.93			0.89	2.49	2.10
monte	7.57142*	Max WS	TR200_D2	2.00	303.01	303.45	303.61	303.99	0.120226	3.24			0.62	2.48	2.07
monte	7.5			Lat Struct											
monte	7.42857*	Max WS	TR200_D0.5	5.08	302.77	303.53	303.74	304.26	0.072815	3.76			1.35	2.43	1.61
monte	7.42857*	Max WS	TR200_D1	3.50	302.77	303.35	303.57	304.09	0.106732	3.81			0.92	2.40	1.97
monte	7.42857*	Max WS	TR200_D2	2.00	302.77	303.20	303.38	303.85	0.151639	3.57			0.56	2.30	2.31
monte	7.28571*	Max WS	TR200_D0.5	5.08	302.53	303.43	303.50	303.90	0.036163	3.02	0.07	0.09	1.68	2.36	1.14
monte	7.28571*	Max WS	TR200_D1	3.50	302.53	303.21	303.32	303.68	0.053719	3.03			1.15	2.32	1.38
monte	7.28571*	Max WS	TR200_D2	2.00	302.53	302.97	303.13	303.51	0.106506	3.24			0.62	2.10	1.91
monte	7.14285*	Max WS	TR200_D0.5	5.08	302.29	303.39		303.66	0.015932	2.34	0.10	0.12	2.18	2.30	0.76
monte	7.14285*	Max WS	TR200_D1	3.50	302.29	303.14		303.38	0.020091	2.16		0.04	1.62	2.26	0.81
monte	7.14285*	Max WS	TR200_D2	2.00	302.29	302.85	302.84	303.06	0.028736	2.06			0.97	2.13	0.98
monte	7	Max WS	TR200_D0.5	5.08	302.06	303.38	302.91	303.55	0.007564	1.82	0.10	0.11	2.82	2.24	0.51
monte	7	Max WS	TR200_D1	3.50	302.06	303.12	302.73	303.24	0.007747	1.58	0.06	0.07	2.23	2.20	0.50
monte	7	Max WS	TR200_D2	2.00	302.06	302.81	302.52	302.90	0.007673	1.27			1.57	2.15	0.48
monte	6.5			Inl Struct											
monte	6.1	Max WS	TR200_D0.5	5.08	300.22	302.09		302.18	0.004263	1.30		0.01	3.91	2.12	0.31
monte	6.1	Max WS	TR200_D1	3.50	300.22	301.32		301.44	0.008867	1.55			2.26	2.11	0.48
monte	6.1	Max WS	TR200_D2	2.00	300.22	300.88		300.99	0.012116	1.49			1.34	2.11	0.60
monte	6	Max WS	TR200_D0.5	5.08	300.20	302.09		302.18	0.004100	1.29		0.01	3.95	2.12	0.30
monte	6	Max WS	TR200_D1	3.50	300.20	301.32		301.44	0.008364	1.51			2.31	2.11	0.46
monte	6	Max WS	TR200_D2	2.00	300.20	300.89		300.99	0.010883	1.43			1.40	2.11	0.56
monte	5.5			Culvert											
monte	5	Max WS	TR200_D0.5	5.08	299.95	302.01		302.08	0.002370	1.12	0.03	0.15	4.56	2.85	0.28
monte	5	Max WS	TR200_D1	3.50	299.95	301.34		301.43	0.005167	1.28		0.02	2.73	2.62	0.40
monte	5	Max WS	TR200_D2	2.00	299.95	300.85		300.94	0.009237	1.35			1.49	2.45	0.55
monte	4.9			Lat Struct											
monte	4.7500*	Max WS	TR200_D0.5	5.08	299.92	301.99		302.07	0.002959	1.27	0.07	0.23	4.09	2.65	0.31
monte	4.7500*	Max WS	TR200_D1	3.50	299.92	301.31		301.42	0.006594	1.43		0.06	2.44	2.25	0.44
monte	4.7500*	Max WS	TR200_D2	2.00	299.92	300.82		300.93	0.010792	1.46			1.37	2.10	0.58
monte	4.5000*	Max WS	TR200_D0.5	5.08	299.90	301.96		302.07	0.004127	1.50	0.12	0.31	3.56	2.51	0.35
monte	4.5000*	Max WS	TR200_D1	3.50	299.90	301.27		301.41	0.009842	1.69		0.10	2.08	1.87	0.51
monte	4.5000*	Max WS	TR200_D2	2.00	299.90	300.79		300.93	0.015020	1.66			1.20	1.75	0.64
monte	4.2500*	Max WS	TR200_D0.5	5.06	299.88	301.92		302.08	0.006443	1.83	0.33	0.41	3.14	3.33	0.43
monte	4.2500*	Max WS	TR200_D1	3.50	299.88	301.20		301.43	0.016577	2.13	0.12	0.15	1.65	1.49	0.63
monte	4.2500*	Max WS	TR200_D2	2.00	299.88	300.74		300.95	0.024998	2.01			1.00	1.39	0.76
monte	4	Max WS	TR200_D0.5	4.72	299.85	301.90		302.10	0.009318	2.11	0.66	0.53	2.90	3.47	0.48
monte	4	Max WS	TR200_D1	3.50	299.85	301.16		301.57	0.031903	2.84	0.30	0.24	1.26	1.12	0.82
monte	4	Max WS	TR200_D2	2.00	299.85	300.68		301.05	0.056567	2.70		0.05	0.74	1.01	1.01
monte	3.9			Culvert											
monte	3.66666*	Max WS	TR200_D0.5	4.72	298.89	300.07	300.26	300.86	0.068274	3.95	0.07	0.06	1.20	1.33	1.32
monte	3.66666*	Max WS	TR200_D1	3.50	298.89	299.88	300.05	300.58	0.082581	3.71			0.94	1.32	1.40
monte	3.66666*	Max WS	TR200_D2	2.00	298.89	299.60	299.77	300.19	0.095320	3.38			0.59	1.28	1.59
monte	3.65	Max WS	TR200_D0.5	4.72	298.86	300.06		300.28	0.016124	2.09			2.26	1.93	0.62
monte	3.65	Max WS	TR200_D1	3.50	298.86	299.87		300.04	0.014138	1.85			1.89	1.92	0.59
monte	3.65	Max WS	TR200_D2	2.00	298.86	299.60		299.71	0.010991	1.46			1.37	1.91	0.55
monte	3.2			Culvert											
monte	3	Max WS	TR200_D0.5	4.71	296.96	298.85		298.94	0.003630	1.31	0.03	0.02	3.60	1.96	0.31
monte	3	Max WS	TR200_D1	3.40	296.96	298.47		298.54	0.004028	1.19	0.01	0.01	2.87	1.95	0.31
monte	3	Max WS	TR200_D2	2.00	296.96	297.98		298.04	0.004457	1.04			1.92	1.92	0.33
monte	2.9286*	Max WS	TR200_D0.5	4.71	296.91	298.86		298.93	0.002952	1.22	0.05	0.04	3.87	2.10	0.28
monte	2.9286*	Max WS	TR200_D1	3.48	296.91	298.48		298.54	0.003360	1.12	0.02	0.01	3.09	2.04	0.29
monte	2.9286*	Max WS	TR200_D2	1.99	296.91	297.99		298.04	0.003459	0.95			2.10	2.01	0.30
monte	2.85714	Max WS	TR200_D0.5	4.71	296.85	298.86		298.93	0.002412	1.14	0.03	0.02	4.15	2.19	0.26
monte	2.85714	Max WS	TR200_D1	3.18	296.85	298.50		298.55	0.002168	0.94	0.01	0.01	3.38	2.13	0.24
monte	2.85714	Max WS	TR200_D2	1.99	296.85	297.99		298.03	0.002679	0.86			2.30	2.10	0.26
valle	2.78571*	Max WS	TR200_D0.5	10.34	296.85	298.09	298.22	298.90	0.052110	3.97			2.61	2.20	1.16
valle	2.78571*	Max WS	TR200_D1	7.79	296.85	297.86	297.99	298.56	0.052340	3.71			2.10	2.18	1.20
valle	2.78571*	Max WS	TR200_D2	4.34	296.85	297.56	297.63	298.02	0.045909	3.01			1.44	2.15	1.17
valle	2.71428*	Max WS	TR200_D0.5	10.34	296.81	298.04	298.15	298.81	0.049117	3.89			2.66	2.28	1.15
valle	2.71428*	Max WS	TR200_D1	7.68	296.81	297.81	297.92	298.47	0.048599	3.59			2.14	2.26	1.18

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
valle	2.71428*	Max WS	TR200_D2	4.33	296.81	297.51	297.58	297.96	0.044149	2.96			1.46	2.23	1.16
valle	2.64285*	Max WS	TR200_D0.5	10.34	296.77	298.00	298.09	298.73	0.046166	3.80			2.72	2.37	1.13
valle	2.64285*	Max WS	TR200_D1	7.61	296.77	297.77	297.86	298.39	0.045314	3.49			2.18	2.34	1.15
valle	2.64285*	Max WS	TR200_D2	4.33	296.77	297.47	297.53	297.90	0.042232	2.90			1.49	2.30	1.15
valle	2.57142*	Max WS	TR200_D0.5	10.34	296.73	297.95	298.04	298.65	0.043377	3.71			2.78	2.45	1.11
valle	2.57142*	Max WS	TR200_D1	7.56	296.73	297.72	297.80	298.31	0.042424	3.39			2.23	2.42	1.13
valle	2.57142*	Max WS	TR200_D2	4.32	296.73	297.43	297.48	297.84	0.040448	2.84			1.52	2.38	1.14
valle	2.5*	Max WS	TR200_D0.5	10.34	296.69	297.91	297.98	298.58	0.040664	3.63			2.85	2.54	1.09
valle	2.5*	Max WS	TR200_D1	7.53	296.69	297.68	297.74	298.24	0.039713	3.30			2.28	2.51	1.11
valle	2.5*	Max WS	TR200_D2	4.32	296.69	297.39	297.44	297.78	0.038572	2.78			1.55	2.46	1.12
valle	2.42857*	Max WS	TR200_D0.5	10.34	296.65	297.87	297.92	298.51	0.038034	3.54			2.93	2.62	1.07
valle	2.42857*	Max WS	TR200_D1	7.51	296.65	297.64	297.69	298.17	0.037086	3.21			2.34	2.59	1.08
valle	2.42857*	Max WS	TR200_D2	4.31	296.65	297.35	297.39	297.73	0.036517	2.72			1.59	2.54	1.10
valle	2.35714*	Max WS	TR200_D0.5	10.34	296.61	297.83	297.86	298.44	0.035408	3.44			3.01	2.71	1.04
valle	2.35714*	Max WS	TR200_D1	7.49	296.61	297.61	297.64	298.11	0.034532	3.12			2.40	2.67	1.05
valle	2.35714*	Max WS	TR200_D2	4.31	296.61	297.32	297.35	297.67	0.034344	2.65			1.63	2.62	1.07
valle	2.28571*	Max WS	TR200_D0.5	10.34	296.57	297.80	297.81	298.37	0.032906	3.35			3.09	2.79	1.02
valle	2.28571*	Max WS	TR200_D1	7.48	296.57	297.58	297.59	298.04	0.032019	3.03			2.47	2.75	1.02
valle	2.28571*	Max WS	TR200_D2	4.31	296.57	297.28	297.30	297.62	0.032068	2.57			1.67	2.70	1.04
valle	2.21428*	Max WS	TR200_D0.5	10.34	296.54	297.77	297.75	298.31	0.030436	3.25			3.18	2.88	0.99
valle	2.21428*	Max WS	TR200_D1	7.48	296.54	297.54	297.54	297.98	0.029566	2.94			2.54	2.84	0.99
valle	2.21428*	Max WS	TR200_D2	4.30	296.54	297.25	297.26	297.57	0.029585	2.49			1.73	2.77	1.01
valle	2.14285*	Max WS	TR200_D0.5	10.34	296.50	297.74	297.70	298.24	0.028062	3.15			3.28	2.96	0.96
valle	2.14285*	Max WS	TR200_D1	7.47	296.50	297.52	297.49	297.93	0.027150	2.84			2.63	2.92	0.96
valle	2.14285*	Max WS	TR200_D2	4.30	296.50	297.23	297.21	297.52	0.027109	2.41			1.79	2.85	0.97
valle	2.07142*	Max WS	TR200_D0.5	10.34	296.46	297.71		298.19	0.025783	3.05			3.39	3.05	0.92
valle	2.07142*	Max WS	TR200_D1	7.47	296.46	297.49		297.88	0.024822	2.75			2.72	3.00	0.92
valle	2.07142*	Max WS	TR200_D2	4.30	296.46	297.20		297.47	0.024644	2.32			1.86	2.93	0.93
valle	2	Max WS	TR200_D0.5	10.34	296.42	297.69	297.60	298.13	0.023621	2.95			3.50	3.14	0.89
valle	2	Max WS	TR200_D1	7.46	296.42	297.47	297.39	297.82	0.022569	2.65			2.82	3.08	0.88
valle	2	Max WS	TR200_D2	4.30	296.42	297.18	297.12	297.43	0.022160	2.23			1.93	3.01	0.89
valle	1.9			Bridge											
valle	1.8	Max WS	TR200_D0.5	10.34	296.32	297.58		298.03	0.023895	2.96			3.49	3.14	0.90
valle	1.8	Max WS	TR200_D1	7.45	296.32	297.29	297.29	297.71	0.029233	2.90			2.57	3.06	1.01
valle	1.8	Max WS	TR200_D2	4.30	296.32	296.98	297.02	297.33	0.036467	2.64			1.63	2.99	1.14
valle	1.53333*	Max WS	TR200_D0.5	10.34	296.12	297.48		297.84	0.017899	2.67			3.88	3.17	0.77
valle	1.53333*	Max WS	TR200_D1	7.41	296.12	297.16		297.50	0.021072	2.58			2.88	3.11	0.86
valle	1.53333*	Max WS	TR200_D2	4.30	296.12	296.82	296.80	297.10	0.026168	2.35			1.83	3.04	0.97
valle	1.26666*	Max WS	TR200_D0.5	10.34	295.93	297.42		297.70	0.011839	2.35	0.09	0.03	4.40	3.20	0.64
valle	1.26666*	Max WS	TR200_D1	7.40	295.93	297.07		297.33	0.014263	2.24			3.31	3.15	0.70
valle	1.26666*	Max WS	TR200_D2	4.30	295.93	296.72		296.91	0.015341	1.96			2.20	3.09	0.74
valle	1	Max WS	TR200_D0.5	10.34	295.74	297.41	296.82	297.62	0.007166	2.03	0.13	0.03	5.11	3.23	0.51
valle	1	Max WS	TR200_D1	7.39	295.74	297.05	296.61	297.23	0.008588	1.87	0.04	0.01	3.95	3.18	0.54
valle	1	Max WS	TR200_D2	4.30	295.74	296.68	296.36	296.80	0.007984	1.55			2.78	3.13	0.52
valle	0.95			Bridge											
valle	0.9	Max WS	TR200_D0.5	10.33	295.45	296.94		297.24	0.013728	2.41			4.29	3.00	0.64
valle	0.9	Max WS	TR200_D1	7.39	295.45	296.60		296.86	0.014847	2.27			3.26	3.00	0.70
valle	0.9	Max WS	TR200_D2	4.30	295.45	296.21		296.43	0.017273	2.04			2.11	3.00	0.78
valle	0.86923*	Max WS	TR200_D0.5	10.32	295.21	296.78		297.05	0.012025	2.29			4.51	3.00	0.60
valle	0.86923*	Max WS	TR200_D1	7.38	295.21	296.44		296.67	0.012144	2.11			3.50	3.00	0.62
valle	0.86923*	Max WS	TR200_D2	4.30	295.21	296.07		296.24	0.012032	1.80			2.39	3.00	0.64
valle	0.83846*	Max WS	TR200_D0.5	10.31	294.98	296.54		296.81	0.011958	2.29			4.51	3.00	0.60
valle	0.83846*	Max WS	TR200_D1	7.37	294.98	296.21		296.43	0.012029	2.10			3.51	3.00	0.62
valle	0.83846*	Max WS	TR200_D2	4.30	294.98	295.84		296.00	0.011964	1.80			2.39	3.00	0.64
valle	0.80769*	Max WS	TR200_D0.5	10.30	294.74	296.31		296.57	0.011885	2.28			4.52	3.00	0.59
valle	0.80769*	Max WS	TR200_D1	7.35	294.74	295.97		296.20	0.011911	2.09			3.51	3.00	0.62
valle	0.80769*	Max WS	TR200_D2	4.30	294.74	295.60		295.77	0.011871	1.79			2.40	3.00	0.64
valle	0.77692*	Max WS	TR200_D0.5	10.29	294.51	296.08		296.34	0.011771	2.27			4.53	3.00	0.59
valle	0.77692*	Max WS	TR200_D1	7.34	294.51	295.75		295.97	0.011723	2.08			3.53	3.00	0.61
valle	0.77692*	Max WS	TR200_D2	4.30	294.51	295.37		295.54	0.011591	1.78			2.42	3.00	0.63
valle	0.74615*	Max WS	TR200_D0.5	10.29	294.27	295.85		296.11	0.011530	2.25			4.57	3.00	0.58
valle	0.74615*	Max WS	TR200_D1	7.34	294.27	295.52		295.74	0.011282	2.05			3.58	3.00	0.60
valle	0.74615*	Max WS	TR200_D2	4.30	294.27	295.16		295.31	0.010656	1.73			2.49	3.00	0.60
valle	0.71538*	Max WS	TR200_D0.5	10.28	294.03	295.63		295.89	0.011195	2.23			4.62	3.00	0.57
valle	0.71538*	Max WS	TR200_D1	7.33	294.03	295.32		295.52	0.010538	2.00			3.67	3.00	0.58
valle	0.71538*	Max WS	TR200_D2	4.30	294.03	294.98		295.11	0.008832	1.62			2.66	3.00	0.55
valle	0.68462*	Max WS	TR200_D0.5	10.28	293.80	295.42		295.67	0.010695	2.19			4.69	3.00	0.56
valle	0.68462*	Max WS	TR200_D1	7.32	293.80	295.13		295.32	0.009412	1.92			3.82	3.00	0.54
valle	0.68462*	Max WS	TR200_D2	4.30	293.80	294.85		294.96	0.006428	1.44			2.98	3.00	0.46
valle	0.65385*	Max WS	TR200_D0.5	10.28	293.56	295.23		295.46	0.009949	2.13			4.82	3.00	0.54
valle	0.65385*	Max WS	TR200_D1	7.31	293.56	294.98		295.14	0.007891	1.79			4.07	3.00	0.49
valle	0.65385*	Max WS	TR200_D2	4.30	293.56	294.77		294.85	0.004305	1.25			3.44	3.00	0.37
valle	0.62308*	Max WS	TR200_D0.5	10.28	293.32	295.06		295.27	0.008976	2.05			5.02	3.00	0.51
valle	0.62308*	Max WS	TR200_D1	7.31	293.32	294.86		295.00	0.006310	1.65			4.43	3.00	0.43
valle	0.62308*	Max WS	TR200_D2	4.30	293.32	294.72		294.78	0.002865	1.07			4.00	3.00	0.30
valle	0.59231*	Max WS	TR200_D0.5	10.27	293.09	294.91		295.10	0.007848	1.95			5.28	3.00	0.47
valle	0.59231*	Max WS	TR200_D1	7.30	293.09	294.78		294.89	0.004883	1.50			4.88	3.00	0.38
valle	0.59231*	Max WS	TR200_D2	4.30	293.09	294.69		294.73	0.001963	0.93			4.61	3.00	0.24

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
valle	0.56154*	Max WS	TR200_D0.5	10.26	292.85	294.79		294.96	0.006670	1.83			5.62	3.00	0.43
valle	0.56154*	Max WS	TR200_D1	7.29	292.85	294.71		294.80	0.003753	1.35			5.39	3.00	0.32
valle	0.56154*	Max WS	TR200_D2	4.30	292.85	294.66		294.70	0.001395	0.82			5.25	3.00	0.20
valle	0.53077*	Max WS	TR200_D0.5	10.22	292.61	294.69		294.83	0.005527	1.70			6.03	3.00	0.38
valle	0.53077*	Max WS	TR200_D1	7.24	292.61	294.66		294.74	0.002865	1.22			5.95	3.00	0.28
valle	0.53077*	Max WS	TR200_D2	4.30	292.61	294.65		294.67	0.001028	0.73			5.91	3.00	0.17
valle	0.5	Max WS	TR200_D0.5	2.19	292.38	294.65		294.65	0.000199	0.33			6.62	3.00	0.07
valle	0.5	Max WS	TR200_D1	1.19	292.38	294.65		294.65	0.000059	0.18			6.62	3.00	0.04
valle	0.5	Max WS	TR200_D2	1.18	292.38	294.64		294.64	0.000059	0.18			6.61	3.00	0.04
valle	0.46667*	Max WS	TR200_D0.5	2.17	292.25	294.64		294.65	0.000041	0.28	0.08	0.00	8.99	4.68	0.06
valle	0.46667*	Max WS	TR200_D1	1.18	292.25	294.64		294.65	0.000012	0.16	0.04	0.00	8.99	4.68	0.03
valle	0.46667*	Max WS	TR200_D2	1.19	292.25	294.64		294.64	0.000012	0.16	0.04	0.00	8.98	4.68	0.03
valle	0.43333*	Max WS	TR200_D0.5	2.16	292.11	294.64		294.65	0.000029	0.25	0.07	0.00	11.21	6.37	0.05
valle	0.43333*	Max WS	TR200_D1	1.18	292.11	294.64		294.64	0.000009	0.14	0.04	0.00	11.21	6.37	0.03
valle	0.43333*	Max WS	TR200_D2	1.18	292.11	294.64		294.64	0.000009	0.14	0.04	0.00	11.20	6.37	0.03
valle	0.4	Max WS	TR200_D0.5	2.02	291.98	294.64		294.64	0.000020	0.21	0.06	0.00	13.28	8.05	0.04
valle	0.4	Max WS	TR200_D1	1.15	291.98	294.64		294.64	0.000006	0.12	0.03	0.00	13.29	8.05	0.02
valle	0.4	Max WS	TR200_D2	1.18	291.98	294.64		294.64	0.000007	0.12	0.04	0.00	13.28	8.05	0.02
valle	0.35000*	Max WS	TR200_D0.5	2.11	291.72	294.64		294.64	0.000010	0.15	0.05	0.05	20.02	11.07	0.03
valle	0.35000*	Max WS	TR200_D1	1.16	291.72	294.64		294.64	0.000003	0.08	0.03	0.03	20.03	11.07	0.02
valle	0.35000*	Max WS	TR200_D2	1.17	291.72	294.64		294.64	0.000003	0.08	0.03	0.03	20.02	11.07	0.02
valle	0.3	Max WS	TR200_D0.5	0.60	291.46	294.64	291.77	294.64	0.000001	0.03	0.01	0.01	26.78	14.10	0.01
valle	0.3	Max WS	TR200_D1	1.00	291.46	294.64	291.87	294.64	0.000001	0.05	0.02	0.02	26.78	14.10	0.01
valle	0.3	Max WS	TR200_D2	1.00	291.46	294.64	291.87	294.64	0.000001	0.05	0.02	0.02	26.78	14.10	0.01

ALLEGATI

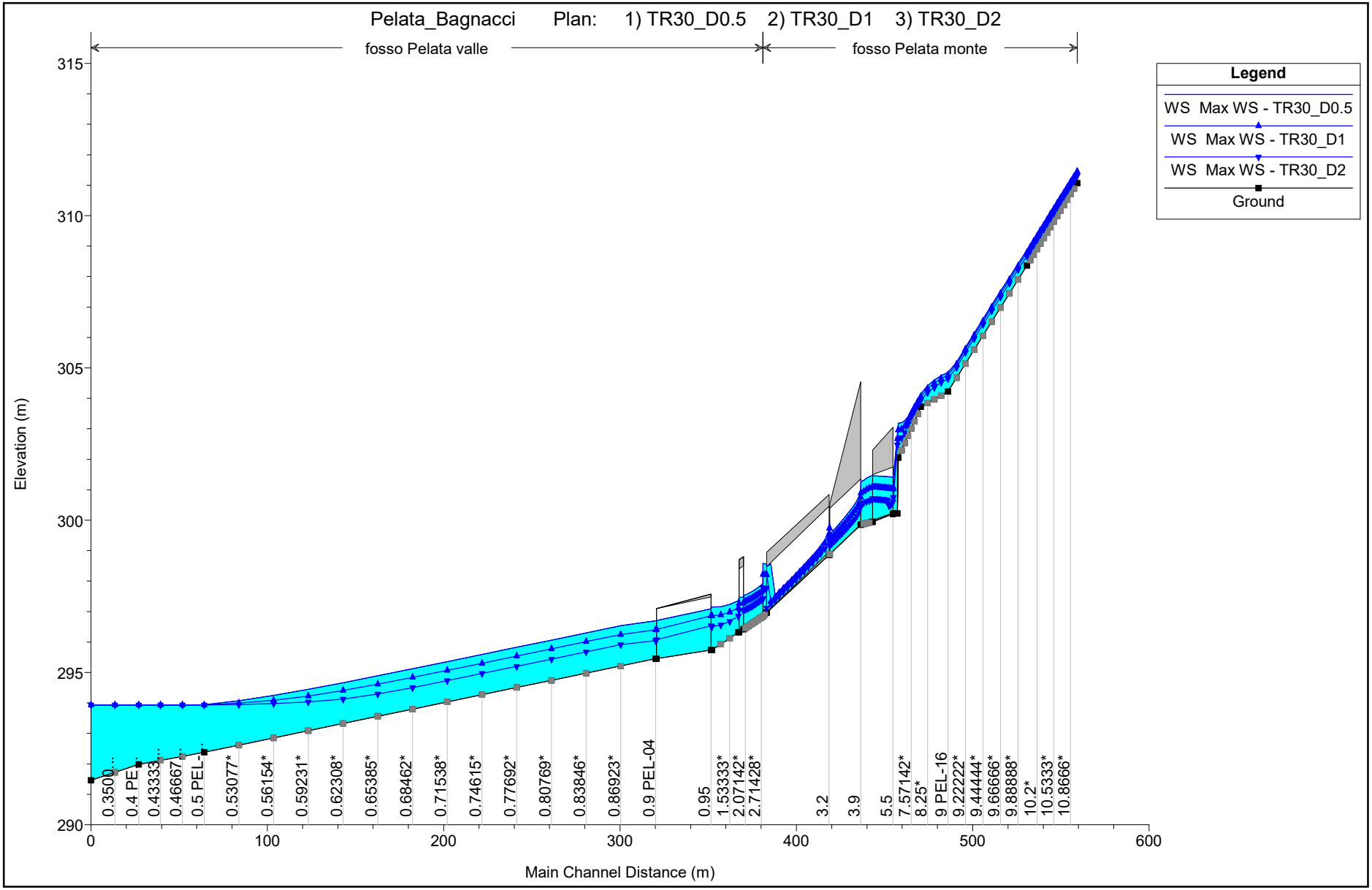
MODELLAZIONE HEC-RAS 5.0.7 "PELATA_BAGNACCI"

FOSSO PELATA

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 0.5, 1h e 2h

Profilo longitudinale


Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
fosso Pelata valle
fosso Pelata monte
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Elevation (m)
Main Channel Distance (m)
315
310
305
300
295
290
0
100
200
300
400
500
600
0.3500...
0.4 PE...
0.43333...
0.46667...
0.5 PEL-...
0.53077*
0.56154*
0.59231*
0.62308*
0.65385*
0.68462*
0.71538*
0.74615*
0.77692*
0.80769*
0.83846*
0.86923*
0.9 PEL-04
0.95
1.53333*
2.07142*
2.71428*
3.2
3.9
5.5
7.57142*
8.25*
9 PEL-16
9.22222*
9.44444*
9.66666*
9.88888*
10.2*
10.5333*
10.8666*

ALLEGATI

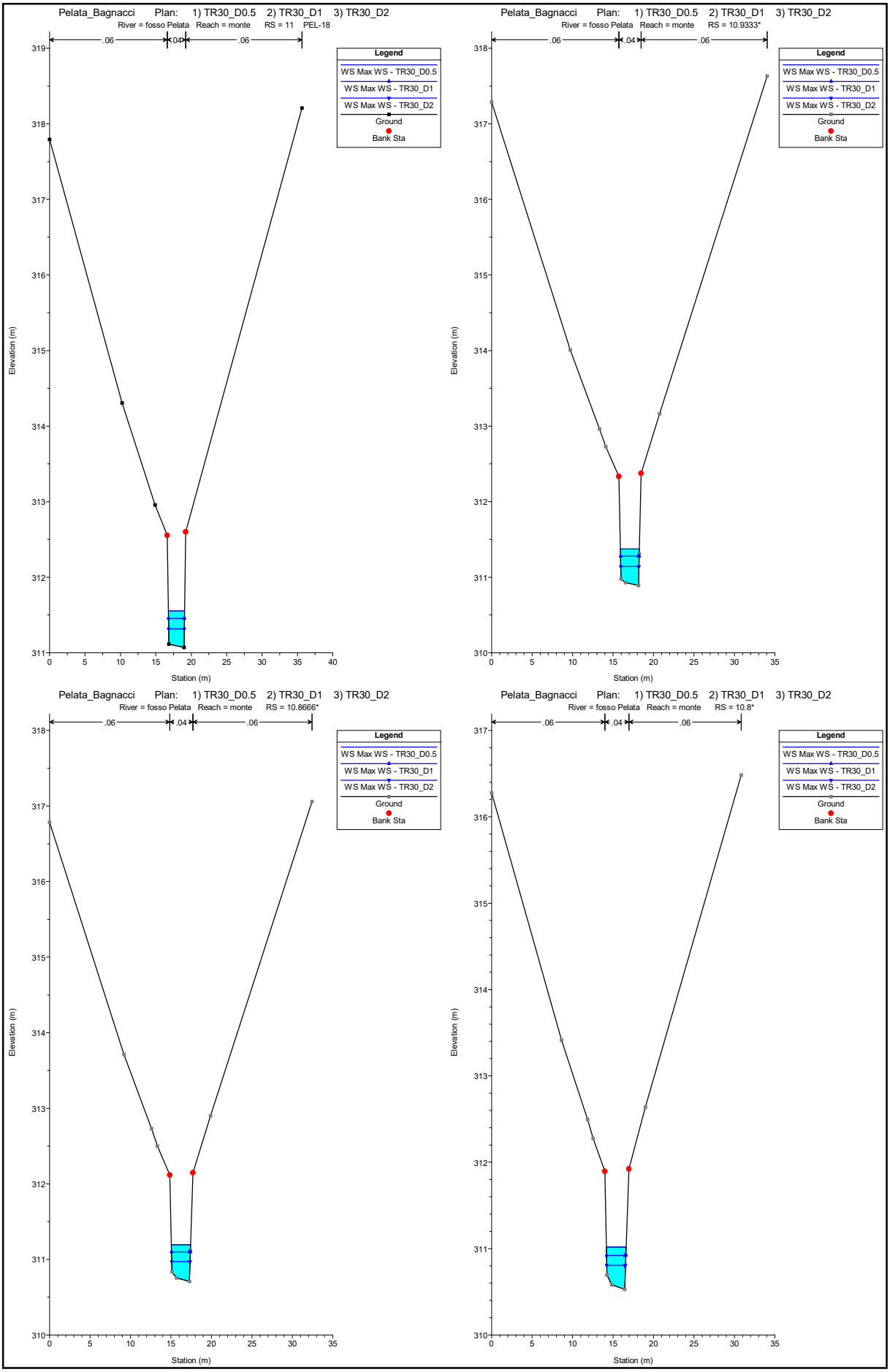
MODELLAZIONE HEC-RAS 5.0.7 "PELATA_BAGNACCI"

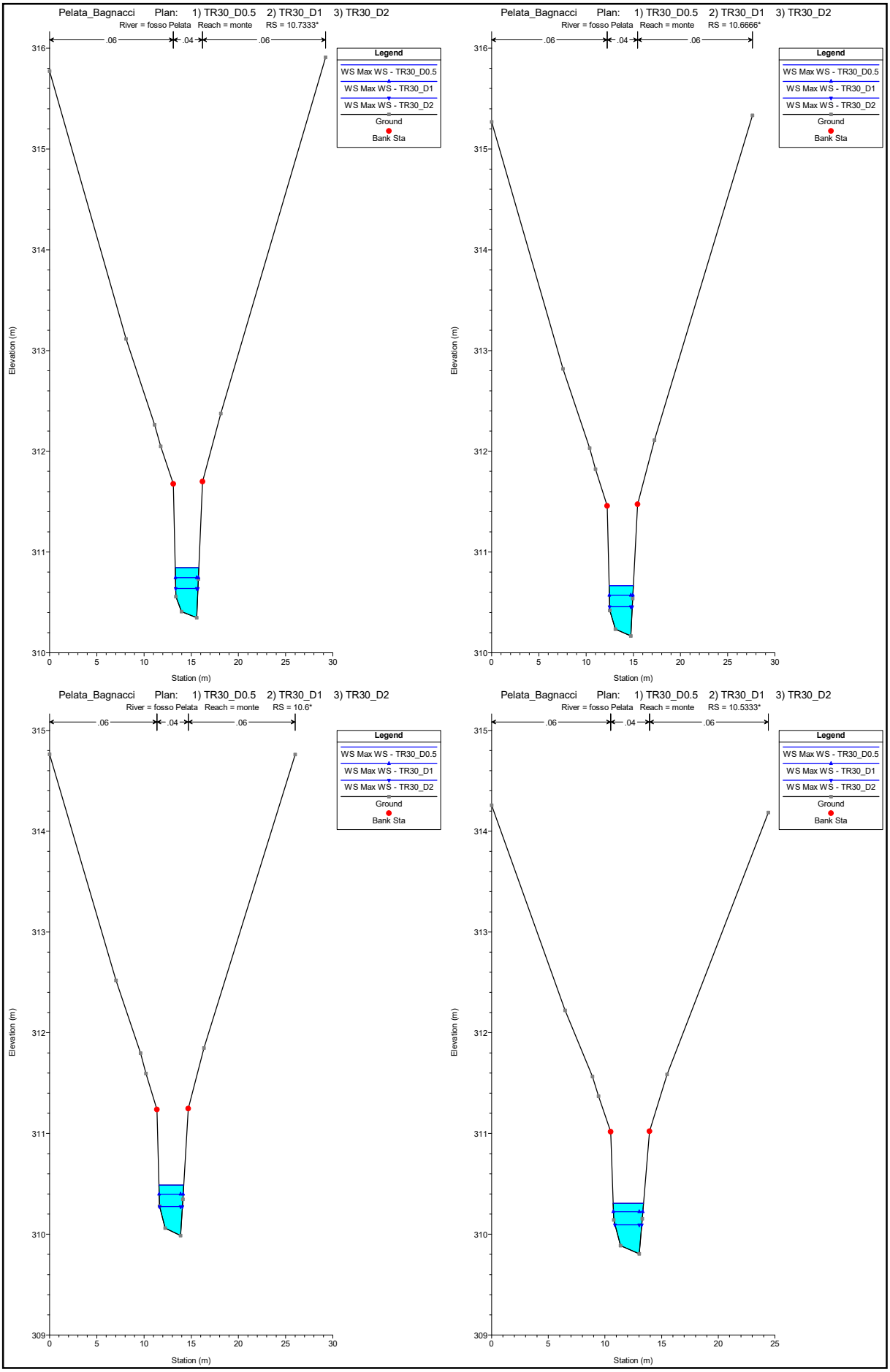
FOSSO PELATA

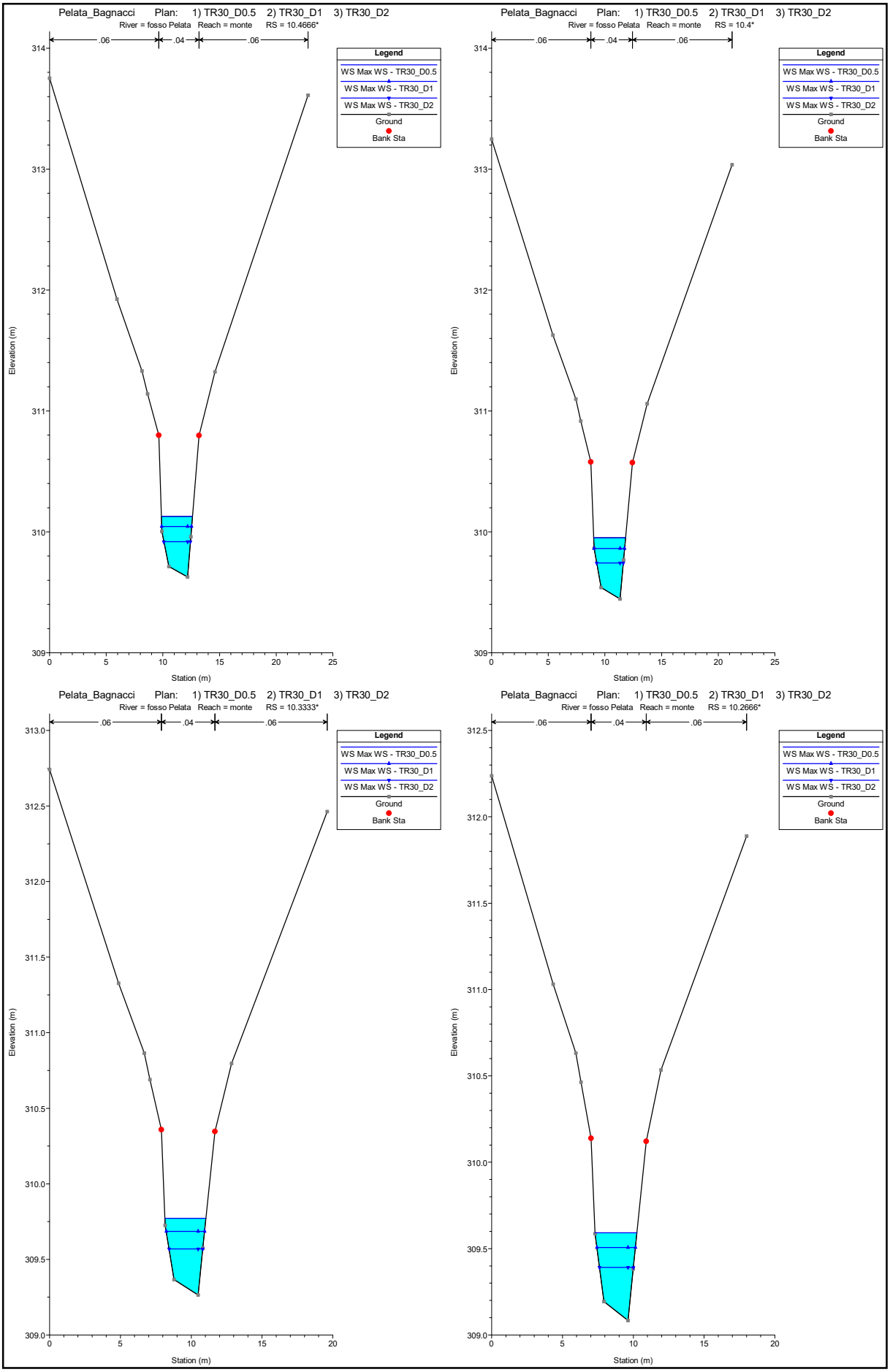
MODELLAZIONE PER TR= 30 anni

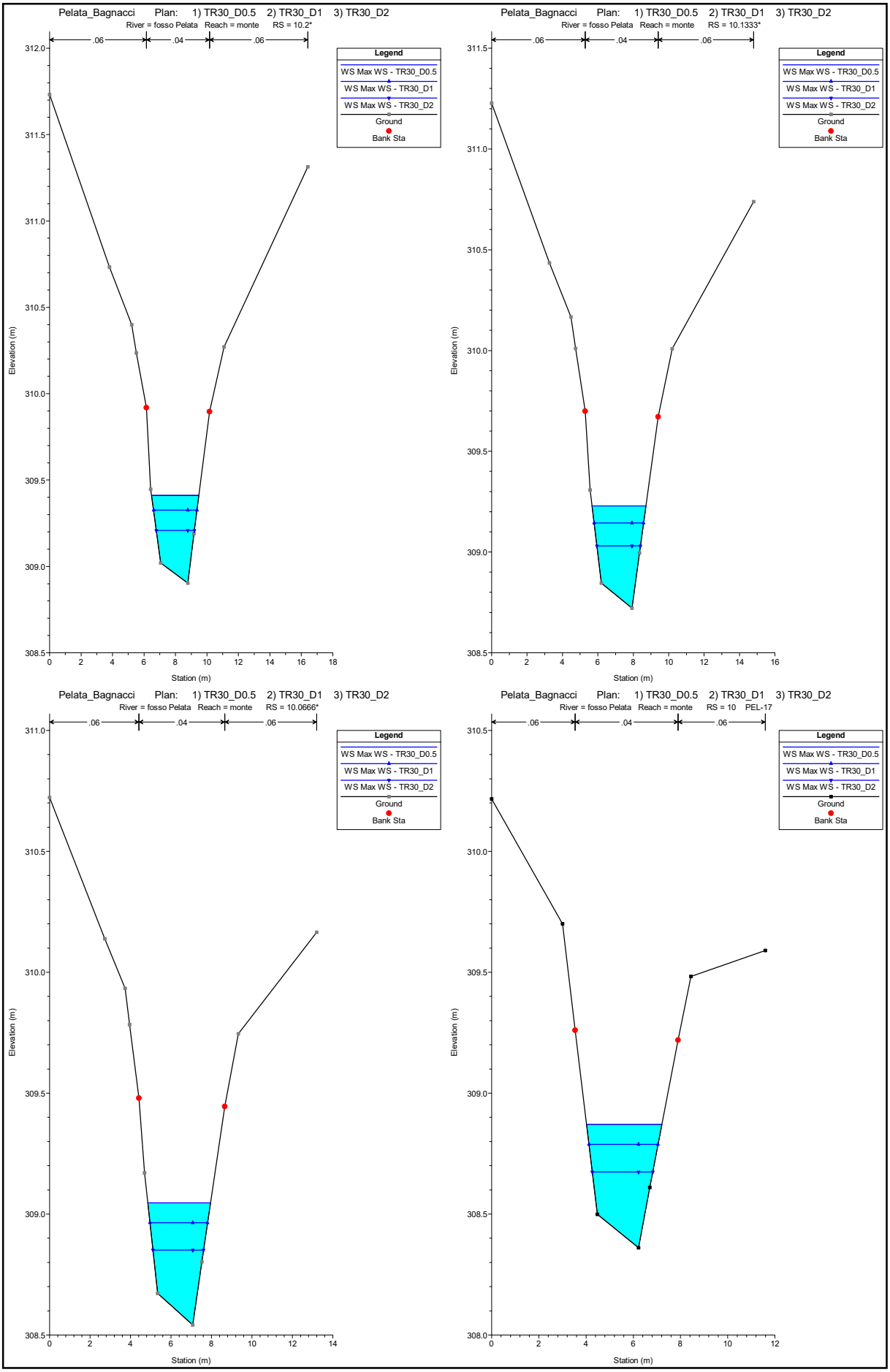
DURATE DI PIOGGIA: 0.5, 1h e 2h

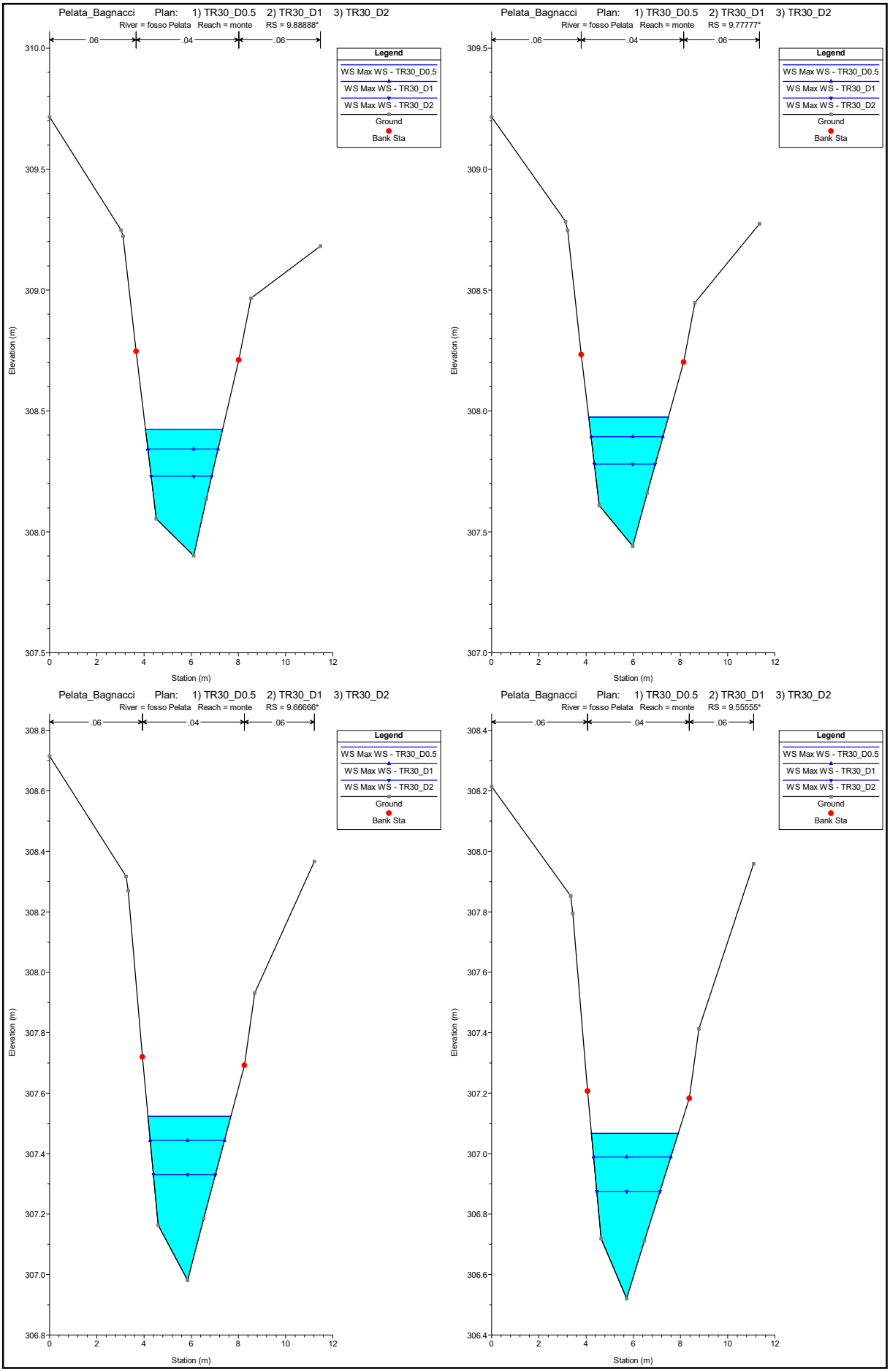
Sezioni Trasversali (da monte verso valle)

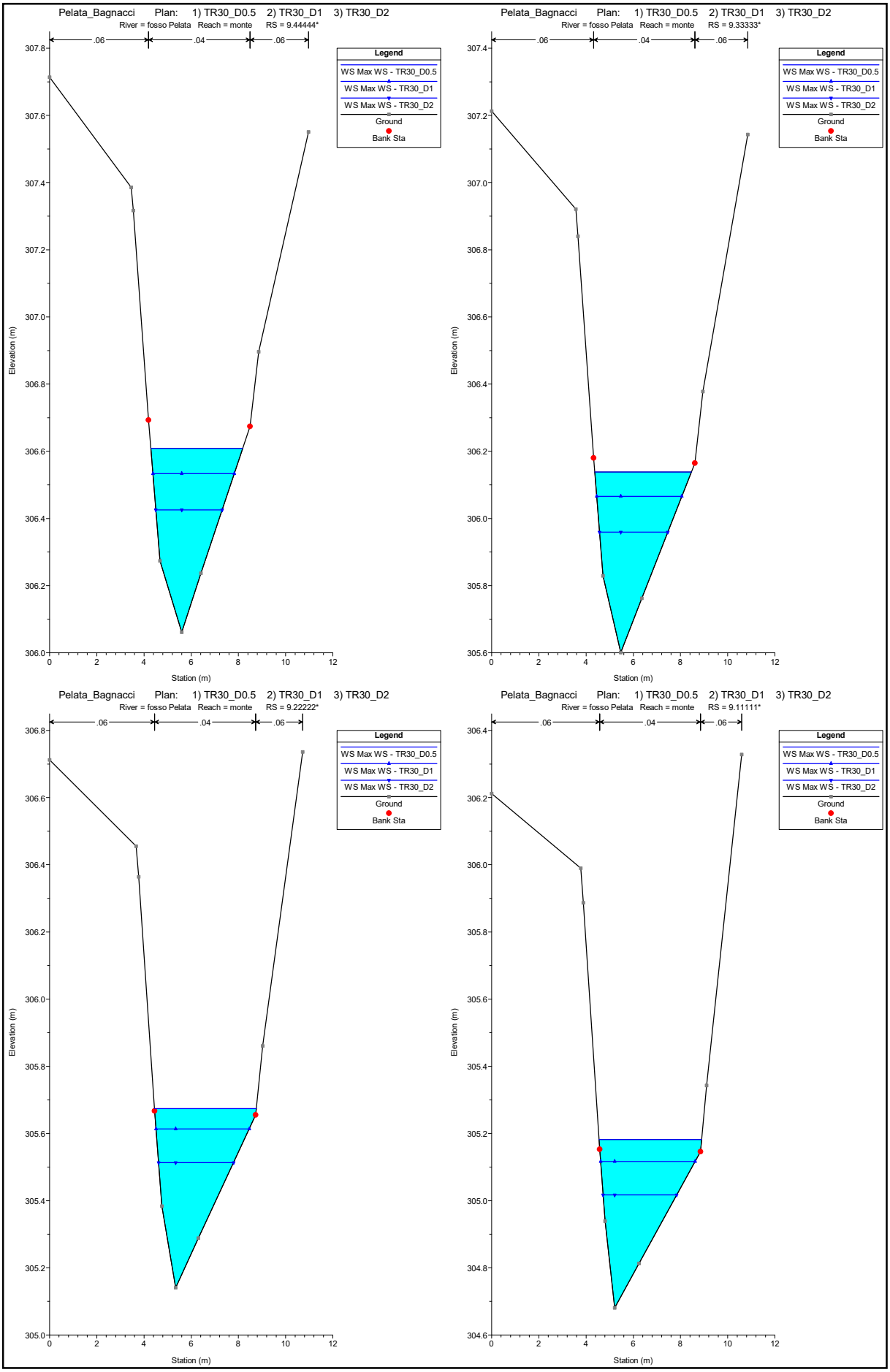

Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = monte RS = 11 PEL-18
.06
.04
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = monte RS = 10.9333*
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = monte RS = 10.8666*
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = monte RS = 10.8*

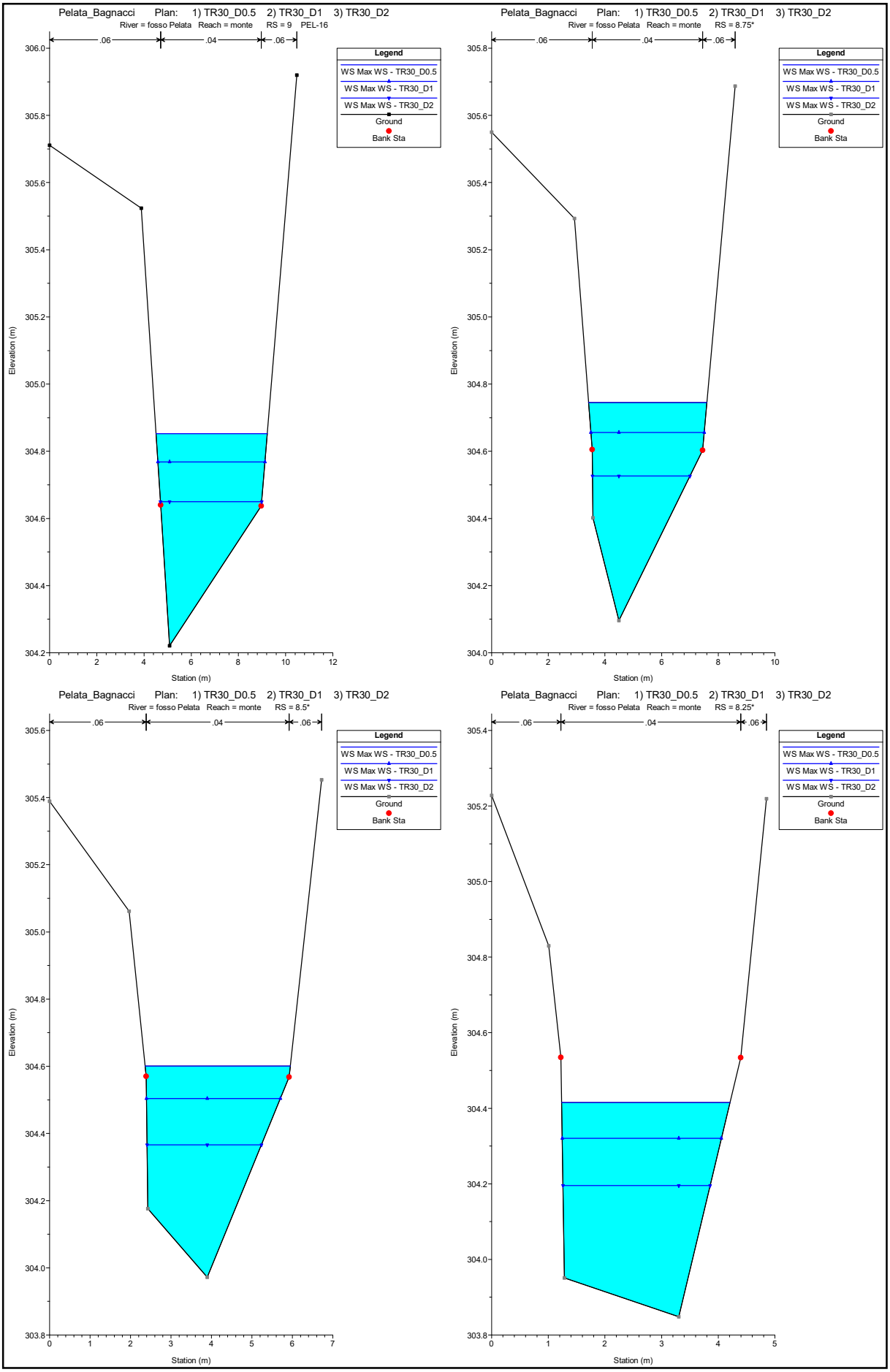

Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = monte RS = 10.7333*
.06
.04
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = monte RS = 10.6666*
.06
.04
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = monte RS = 10.6*
.06
.04
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = monte RS = 10.5333*
.06
.04
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

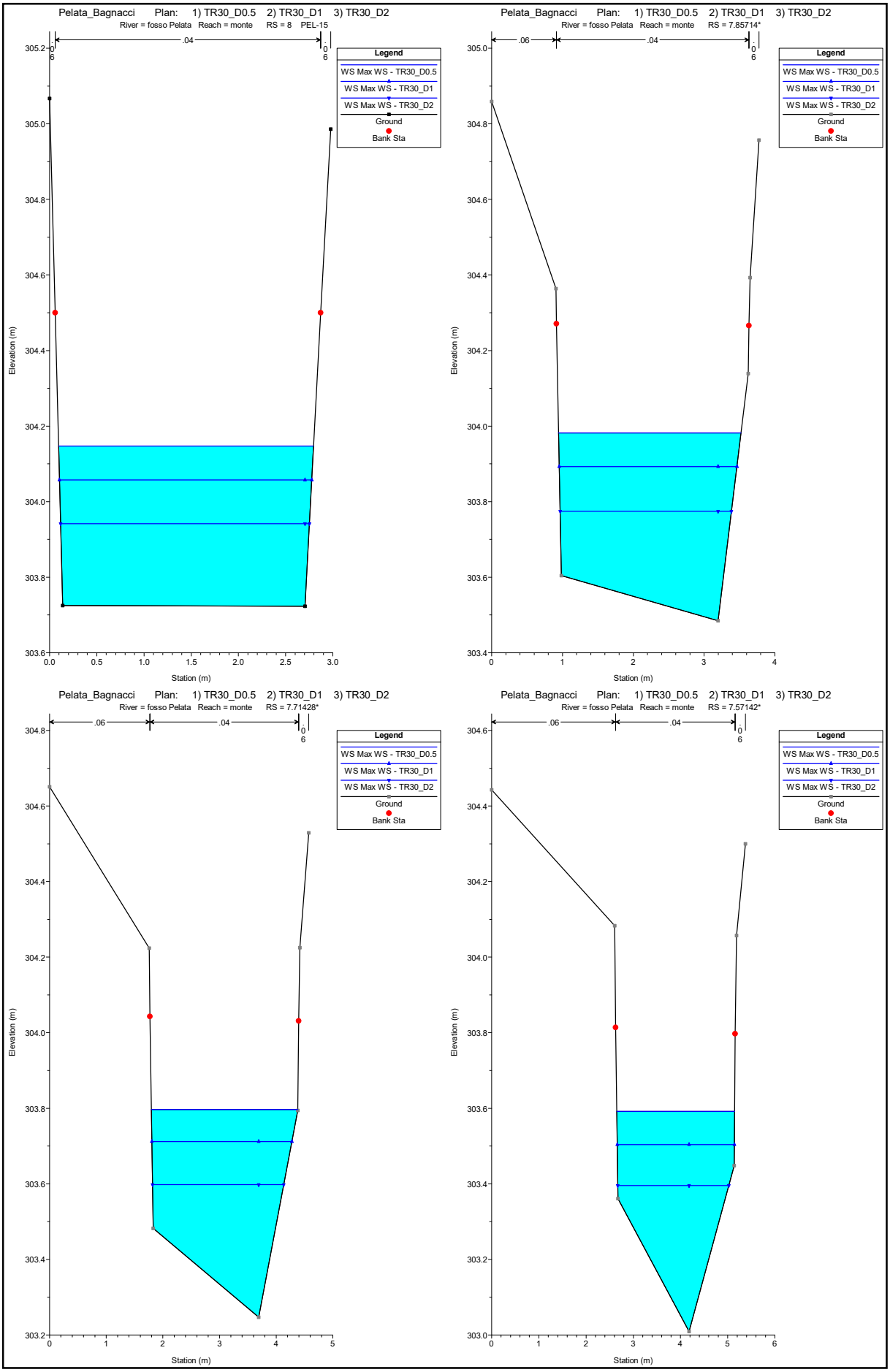

Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = monte RS = 10.4666*
.06
.04
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = monte RS = 10.4*
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = monte RS = 10.3333*
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = monte RS = 10.2666*

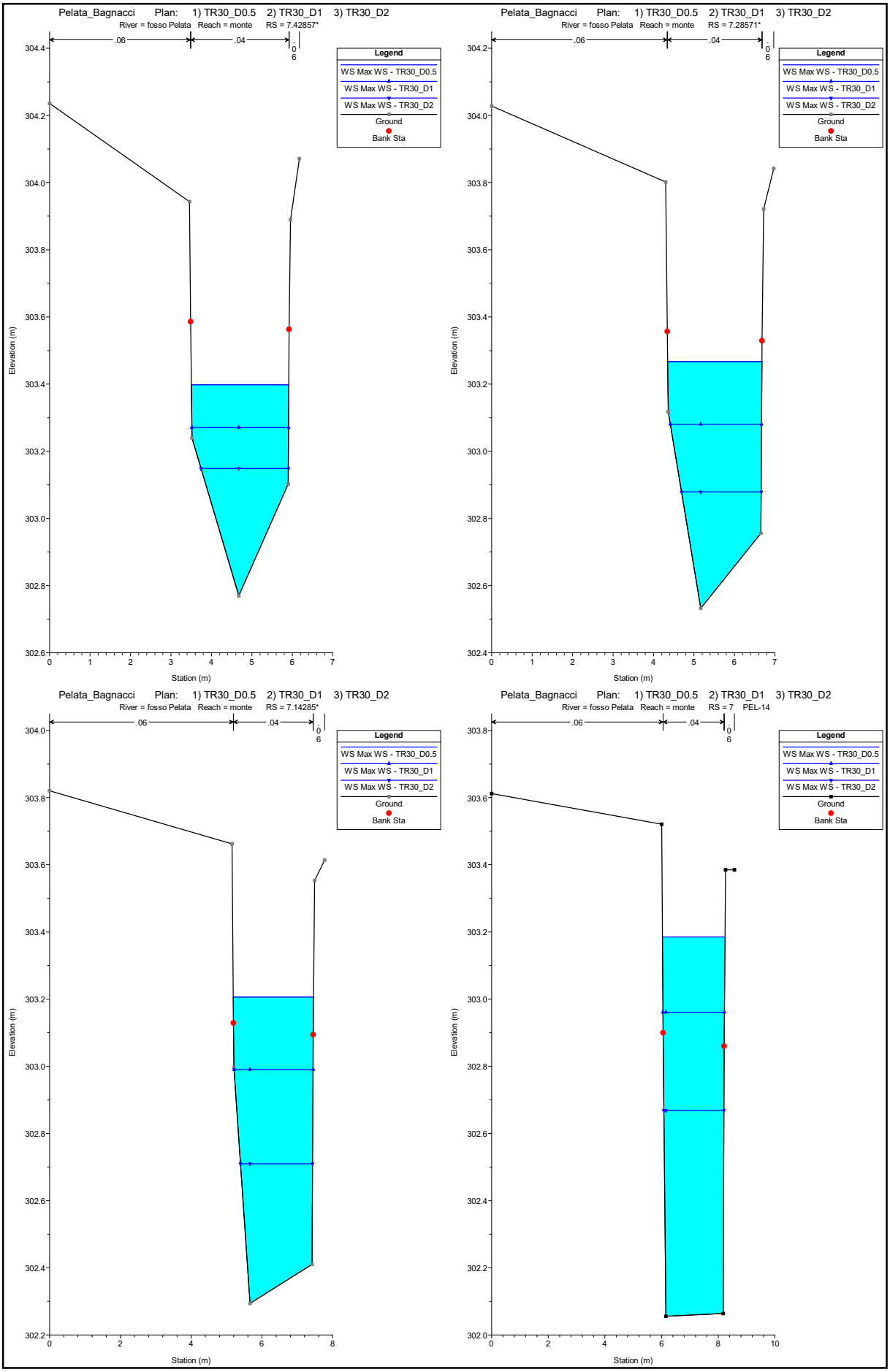

Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = monte RS = 10.2*
.06 .04 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = monte RS = 10.1333*
.06 .04 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = monte RS = 10.0666*
.06 .04 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = monte RS = 10 PEL-17
.06 .04 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

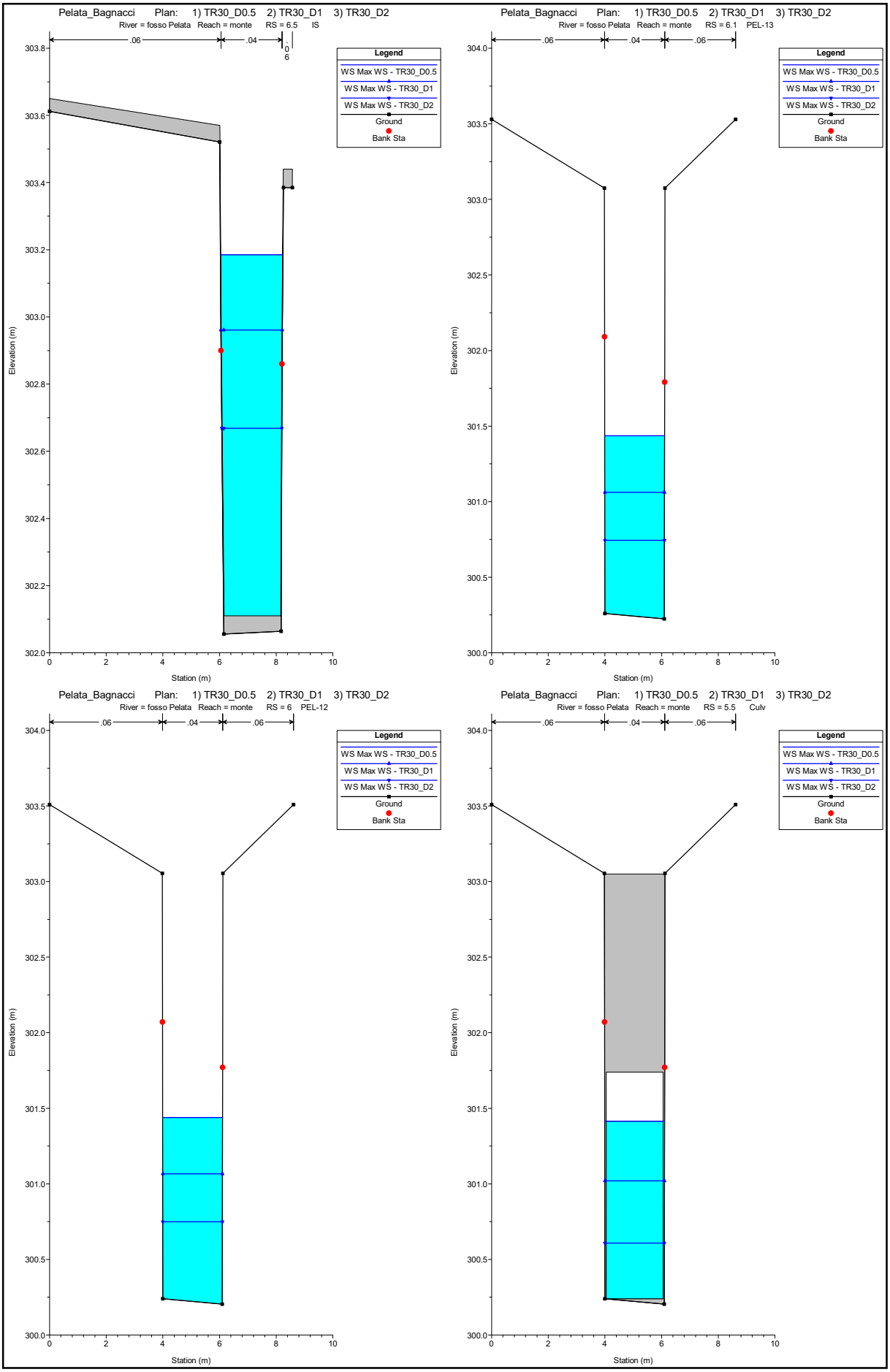

Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = monte RS = 9.88888*
.06
.04
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = monte RS = 9.77777*
.06
.04
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = monte RS = 9.66666*
.06
.04
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = monte RS = 9.55555*
.06
.04
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

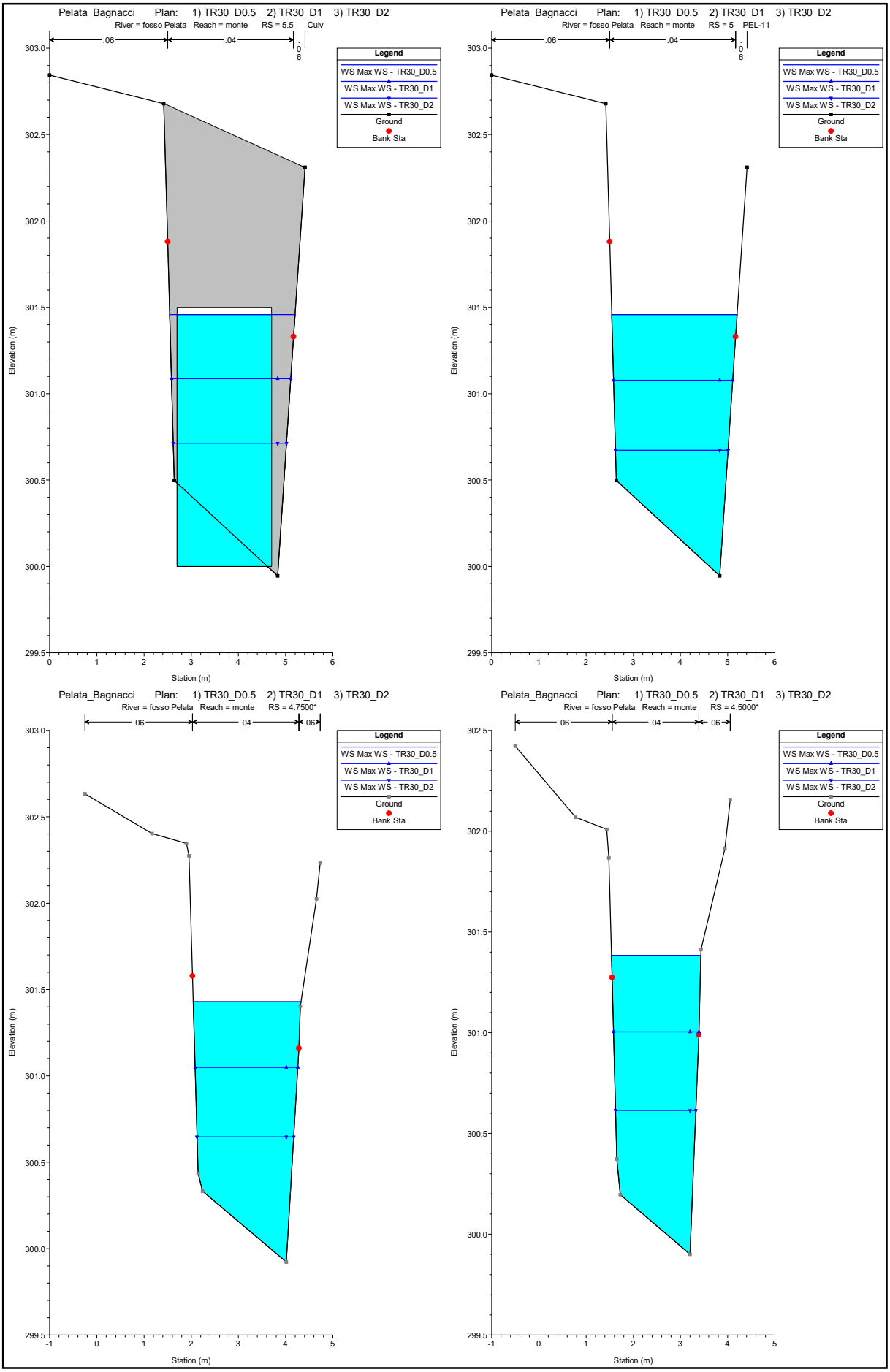

Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = monte RS = 9.44444*
.06
.04
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = monte RS = 9.33333*
.06
.04
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = monte RS = 9.22222*
.06
.04
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = monte RS = 9.11111*
.06
.04
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

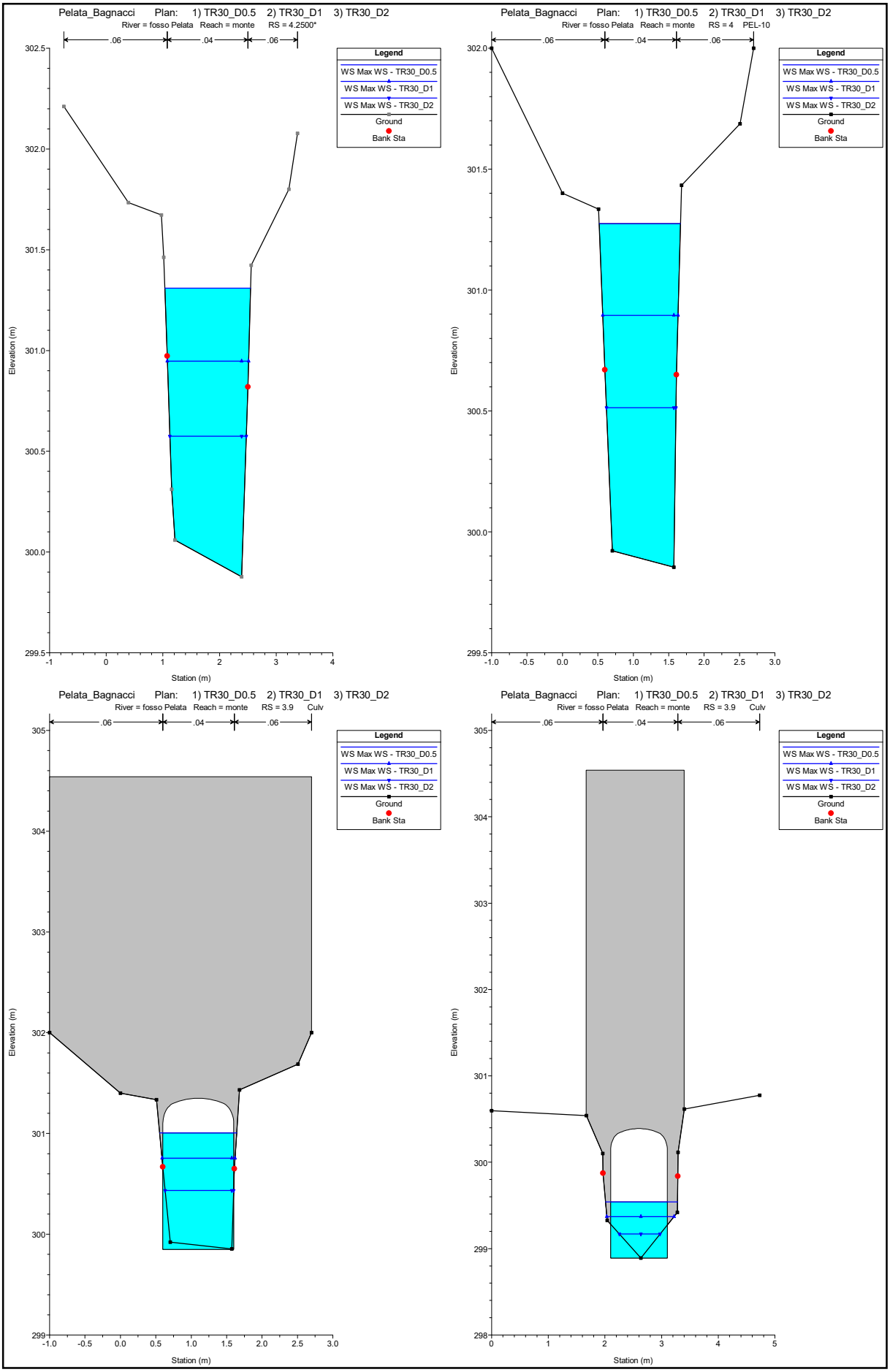

Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = monte RS = 9 PEL-16
.06
.04
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = monte RS = 8.75*
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = monte RS = 8.5*
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = monte RS = 8.25*

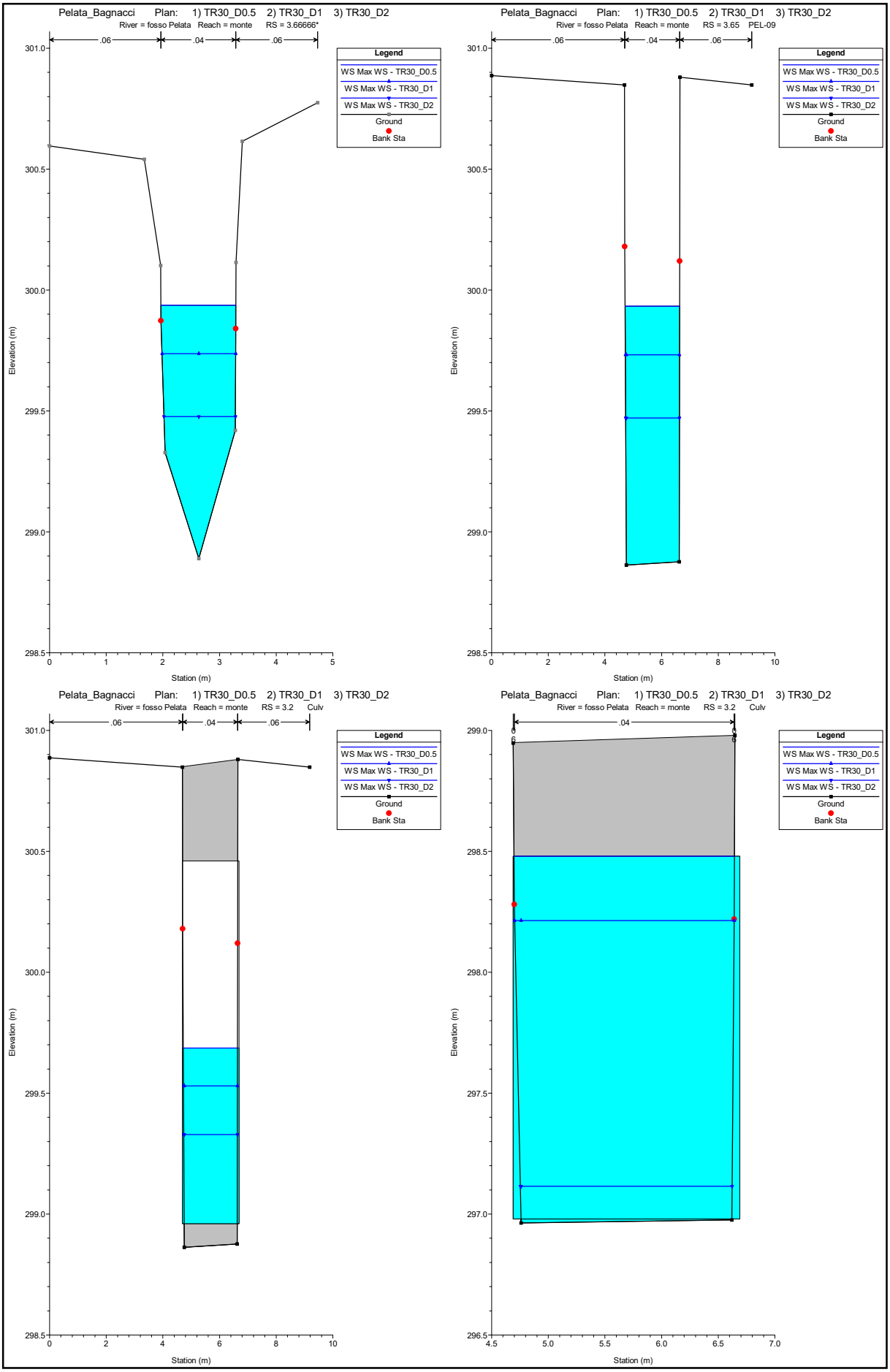

Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = monte RS = 8 PEL-15
.04
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = monte RS = 7.85714*
.06
.04
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = monte RS = 7.71428*
.06
.04
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = monte RS = 7.57142*
.06
.04
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

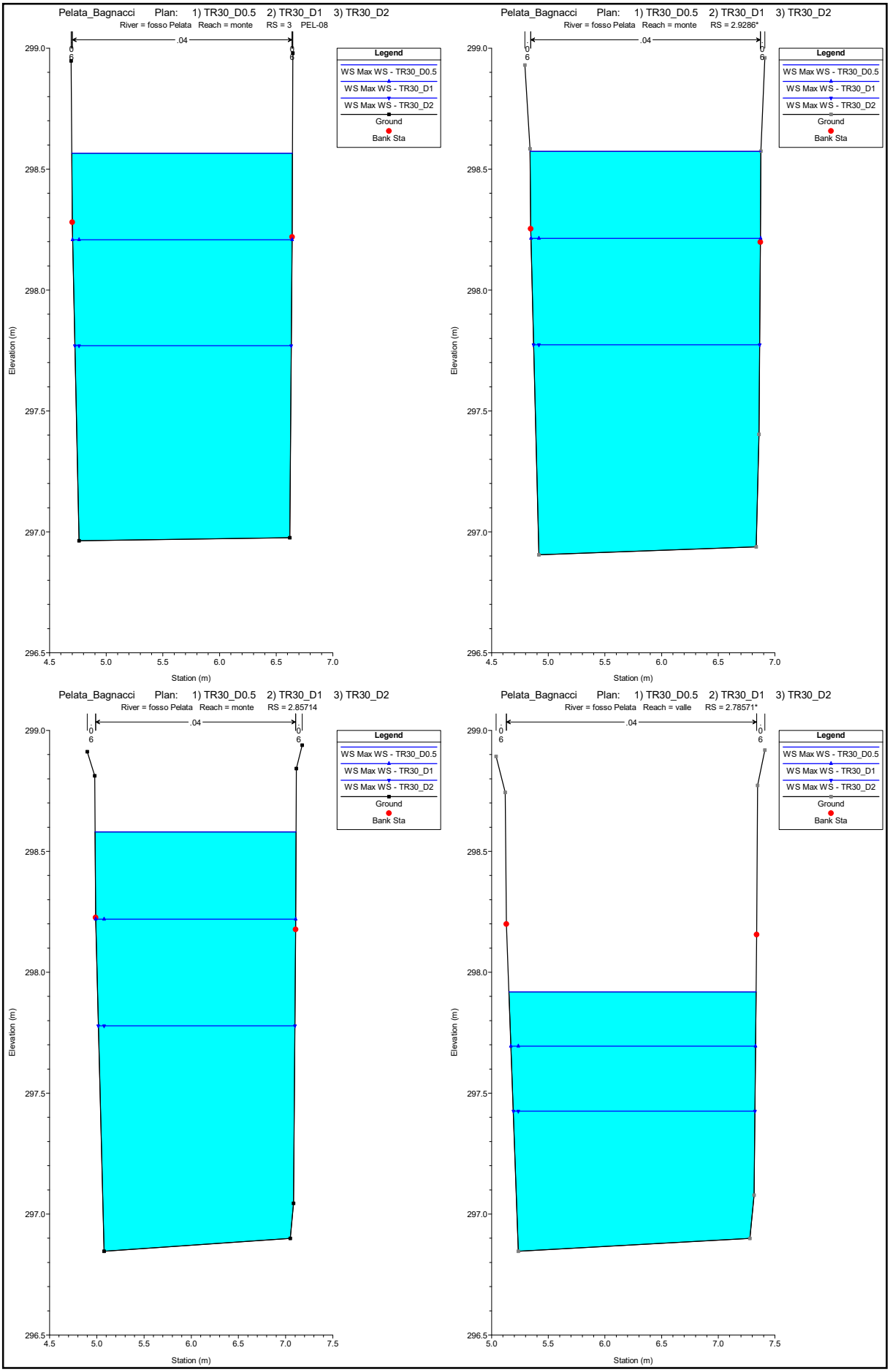

Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = monte RS = 7.42857*
.06
.04
0
6
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = monte RS = 7.28571*
.06
.04
0
6
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = monte RS = 7.14285*
.06
.04
0
6
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = monte RS = 7 PEL-14
.06
.04
0
6
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

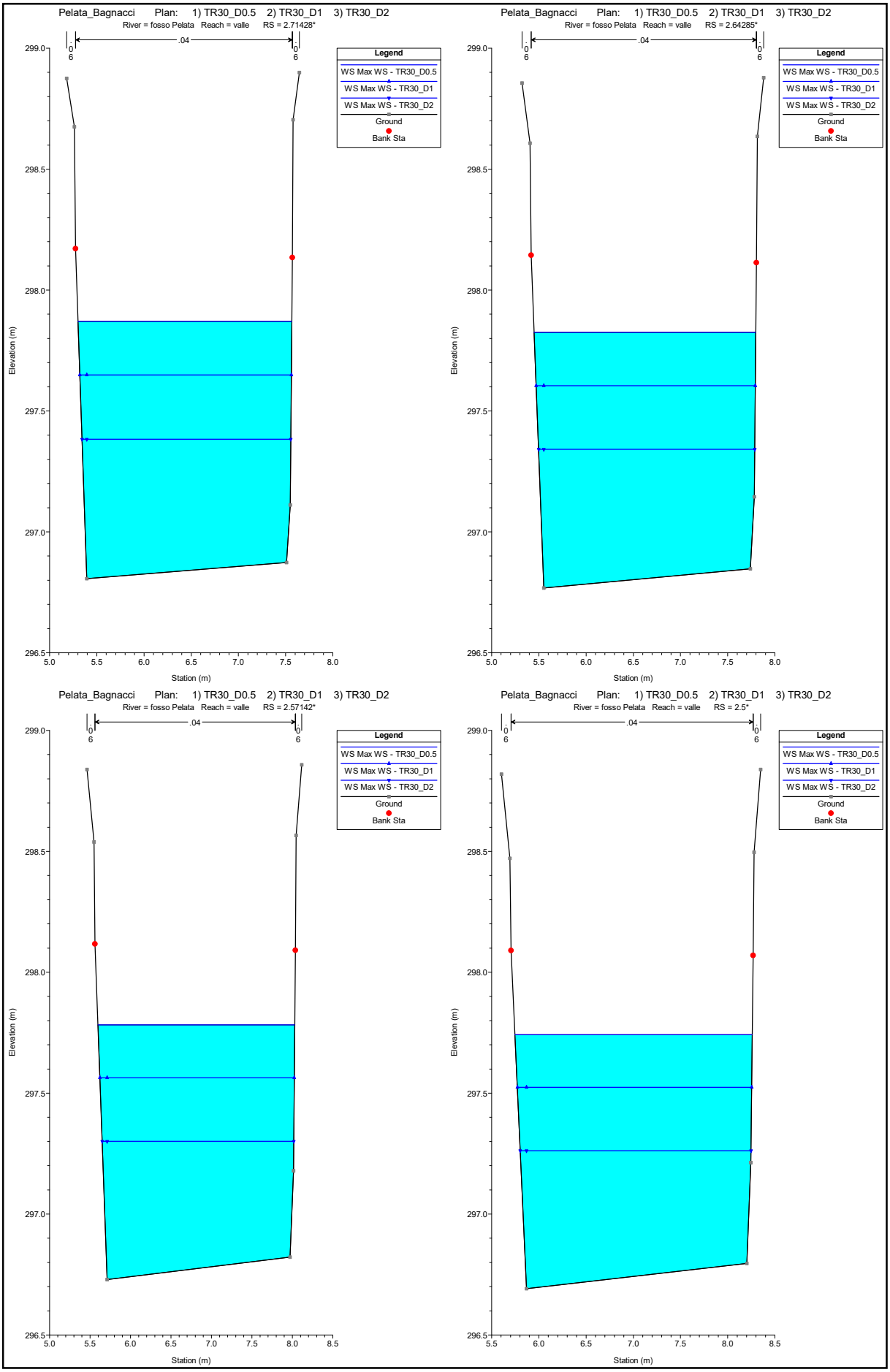

Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = monte RS = 6.5 IS
.06
.04
0
6
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = monte RS = 6.1 PEL-13
.06
.04
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = monte RS = 6 PEL-12
.06
.04
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = monte RS = 5.5 Culv
.06
.04
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

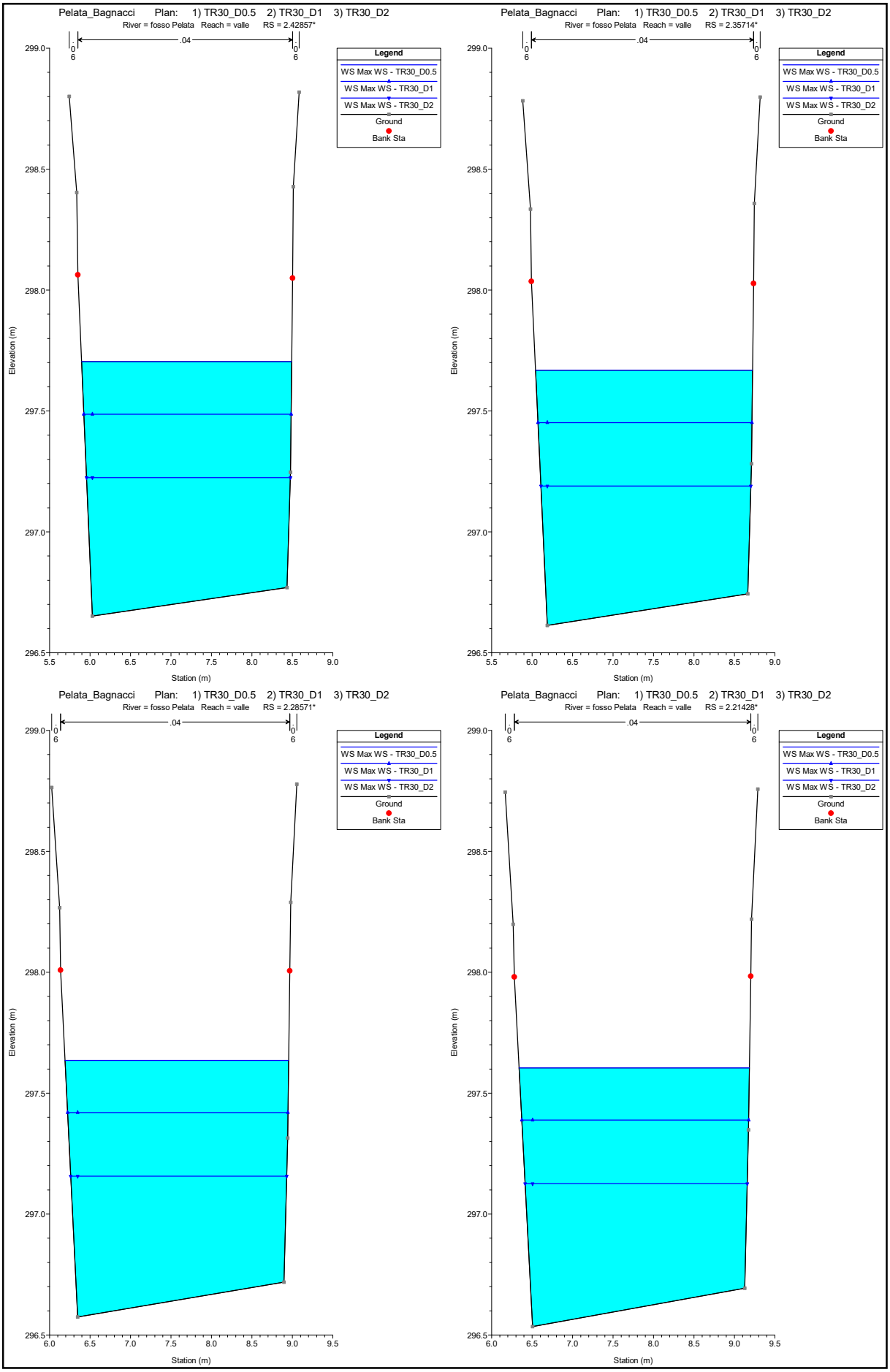

Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = monte RS = 5.5 Culv
.06
.04
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = monte RS = 5 PEL-11
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = monte RS = 4.7500*
.06
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = monte RS = 4.5000*

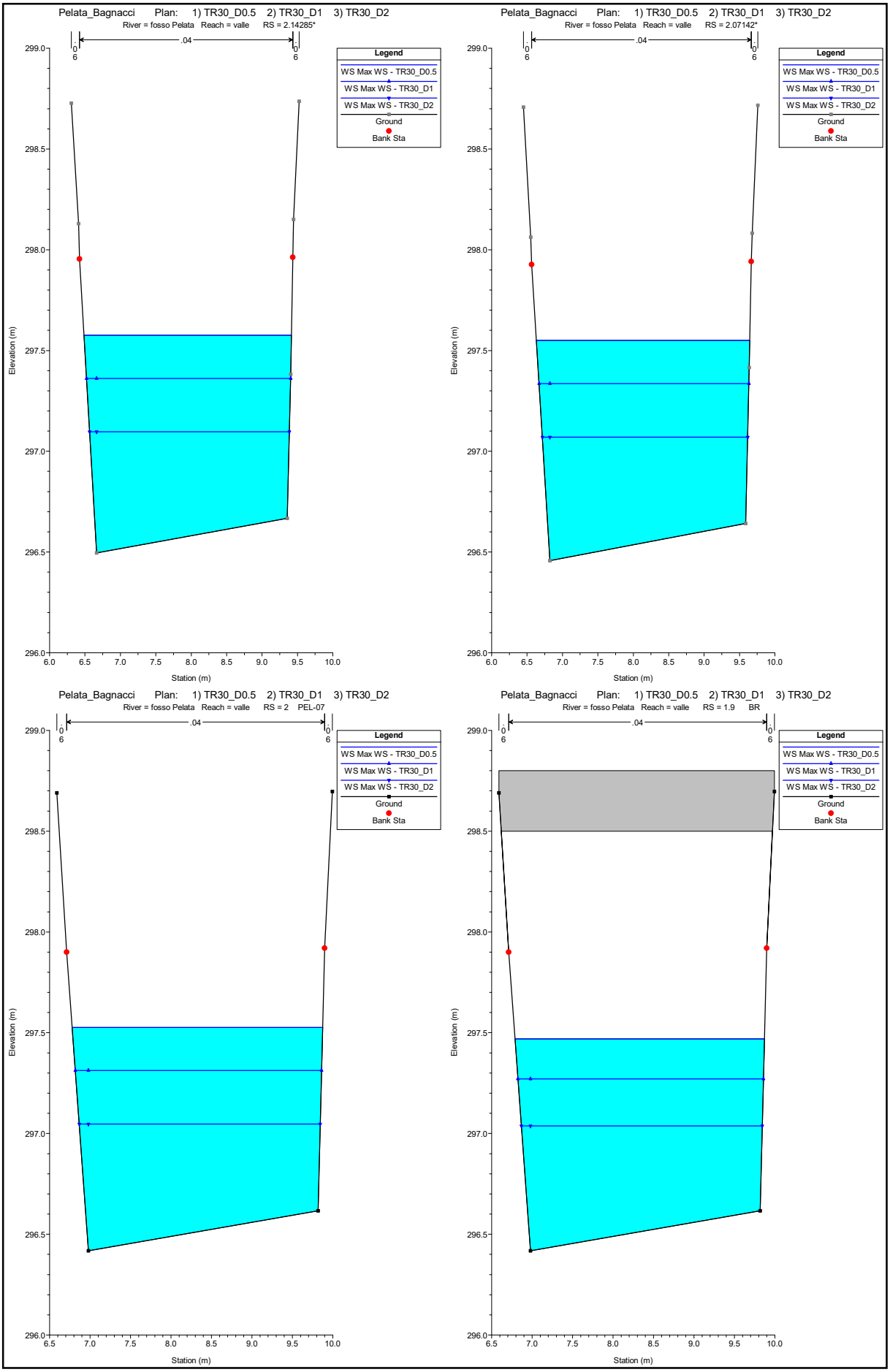

Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = monte RS = 4.2500*
.06 .04 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = monte RS = 4 PEL-10
.06 .04 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = monte RS = 3.9 Culv
.06 .04 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = monte RS = 3.9 Culv
.06 .04 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

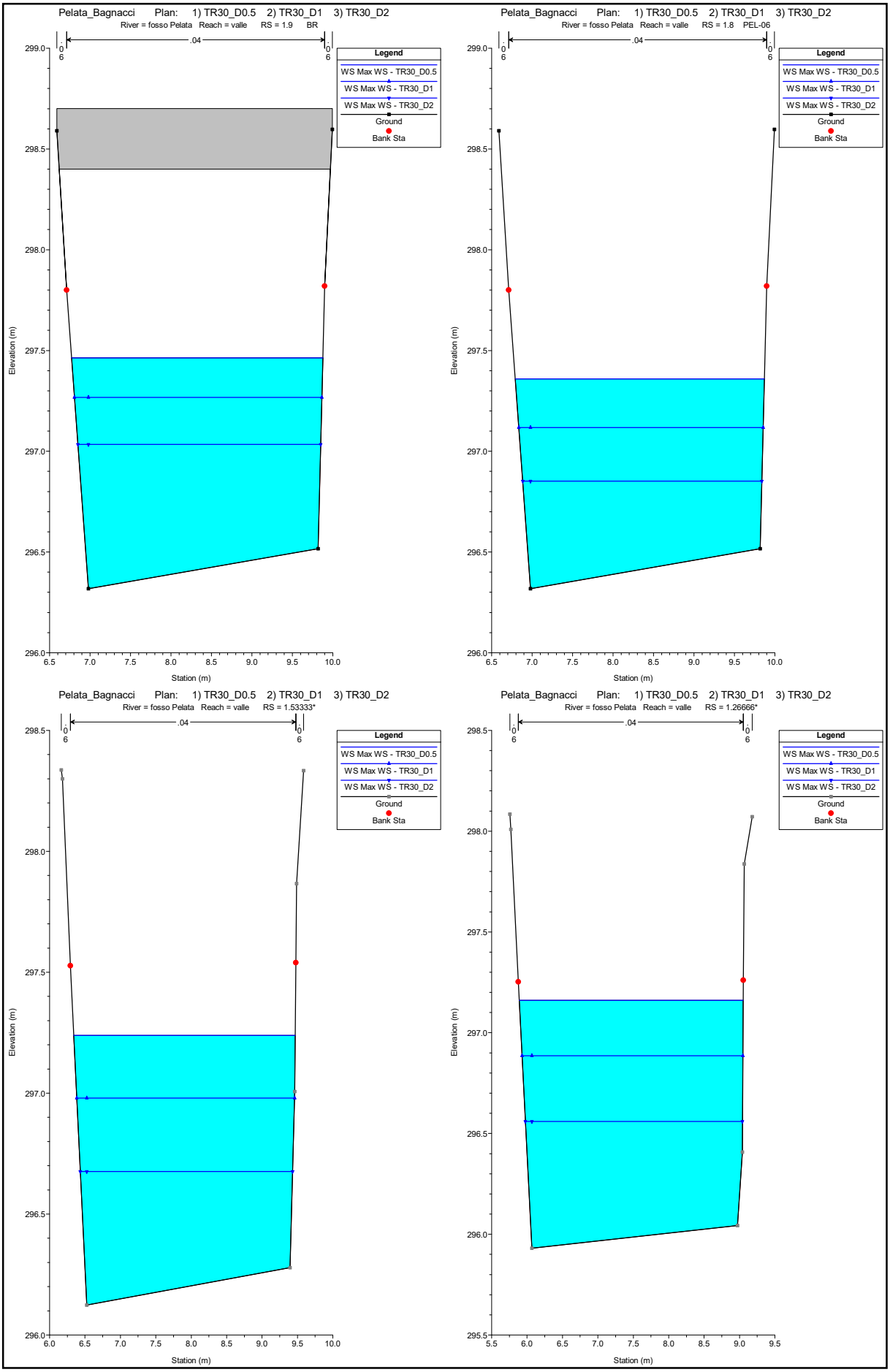

Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = monte RS = 3.66666*
.06
.04
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = monte RS = 3.65 PEL-09
.06
.04
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = monte RS = 3.2 Culv
.06
.04
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = monte RS = 3.2 Culv
.04
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

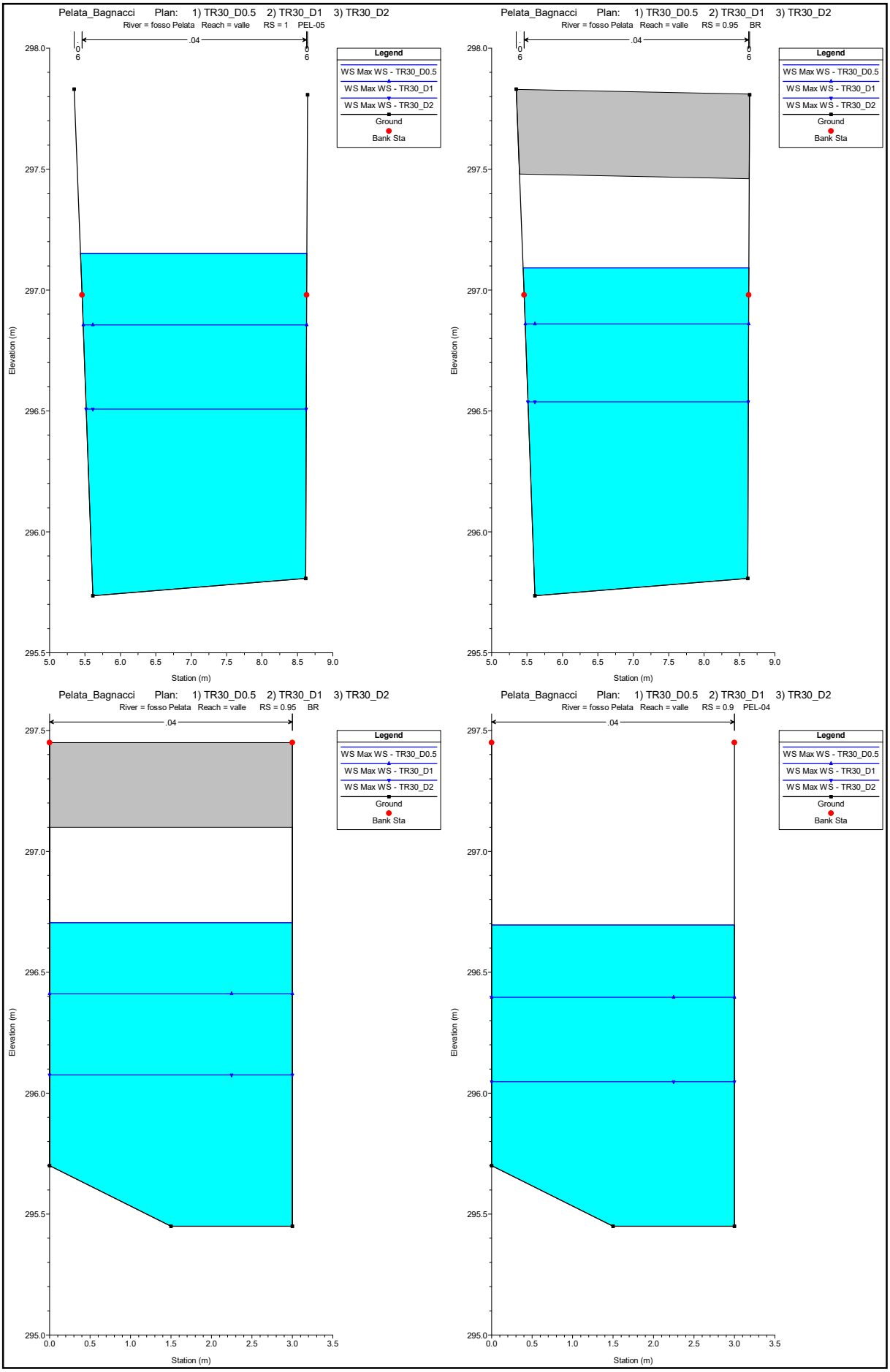

Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = monte RS = 3 PEL-08
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = monte RS = 2.9286*
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = monte RS = 2.85714
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = valle RS = 2.78571*
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

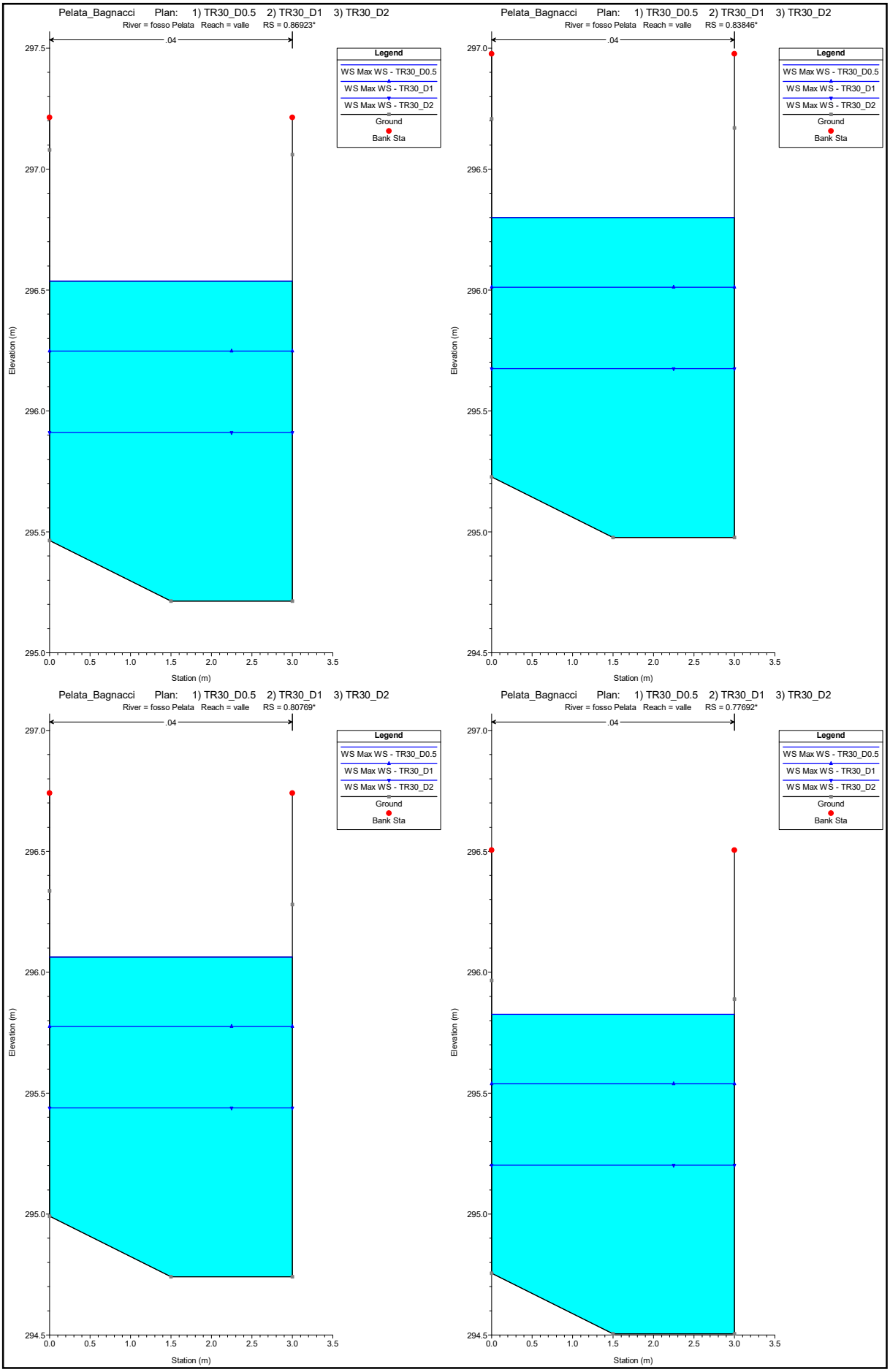

Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = valle RS = 2.71428*
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = valle RS = 2.64285*
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = valle RS = 2.57142*
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = valle RS = 2.5*
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

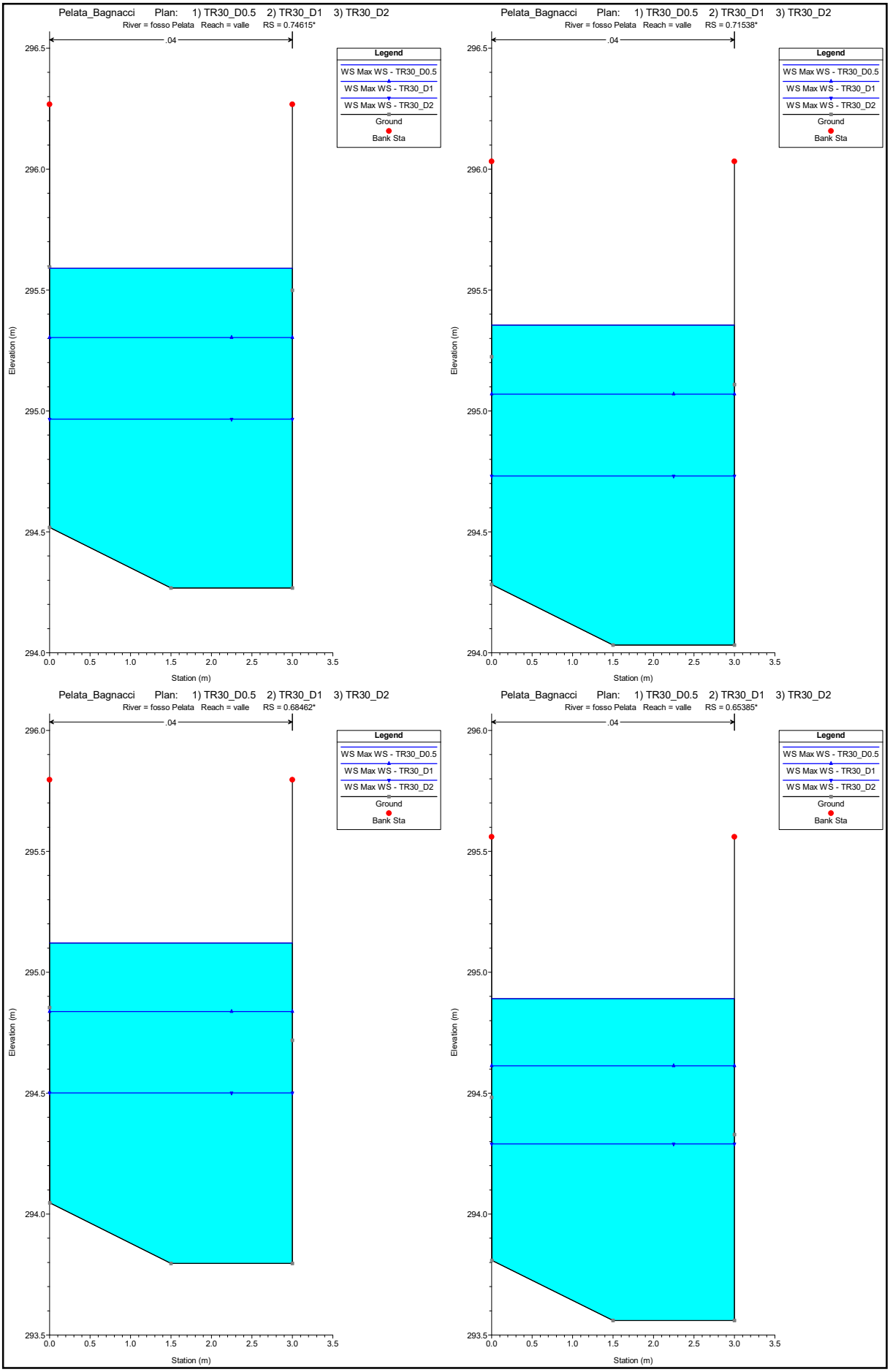

Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = valle RS = 2.42857*
.04
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = valle RS = 2.35714*
.04
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = valle RS = 2.28571*
.04
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = valle RS = 2.21428*
.04
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

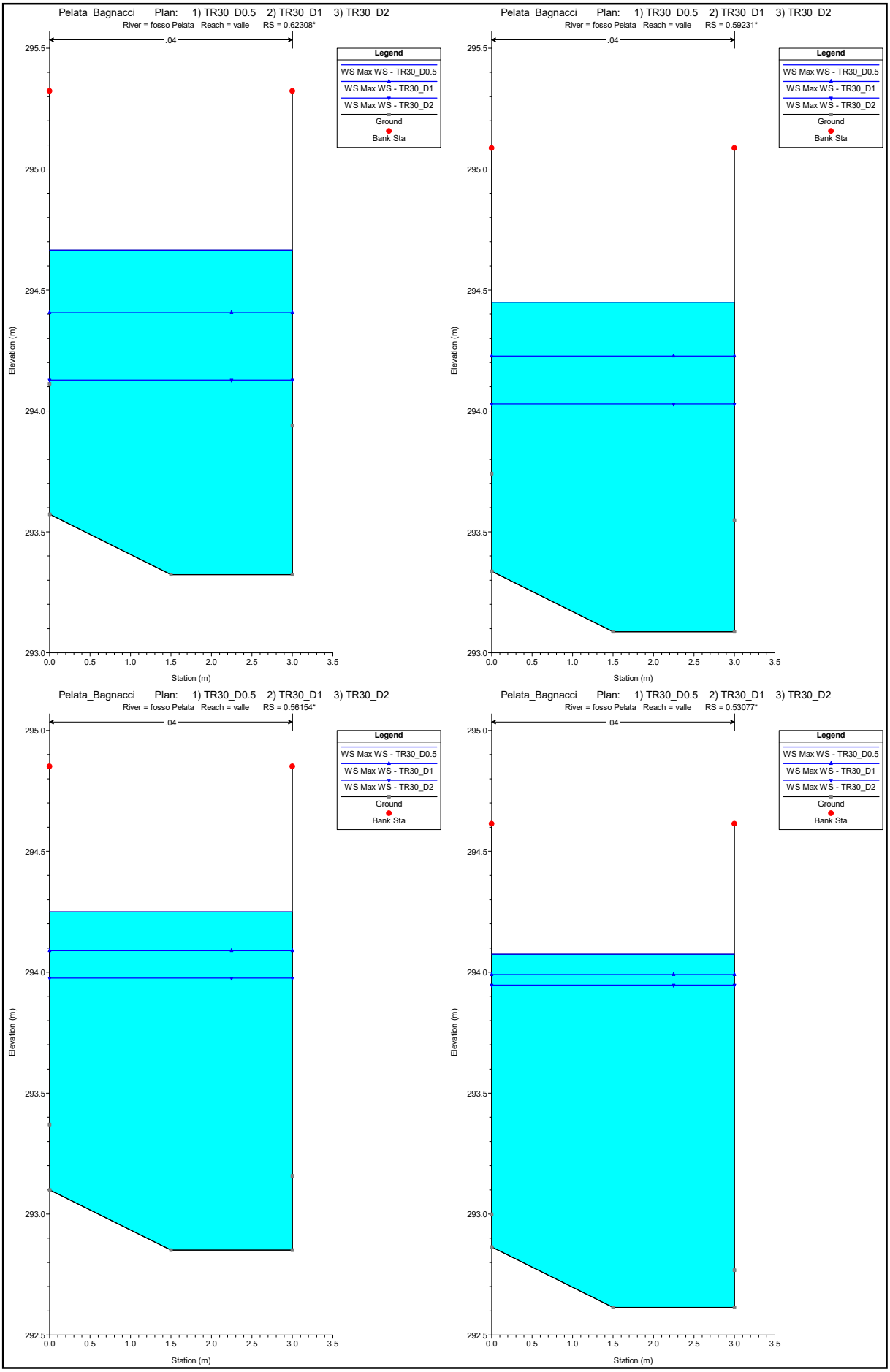

Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = valle RS = 2.14285*
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = valle RS = 2.07142*
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = valle RS = 2 PEL-07
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = valle RS = 1.9 BR
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

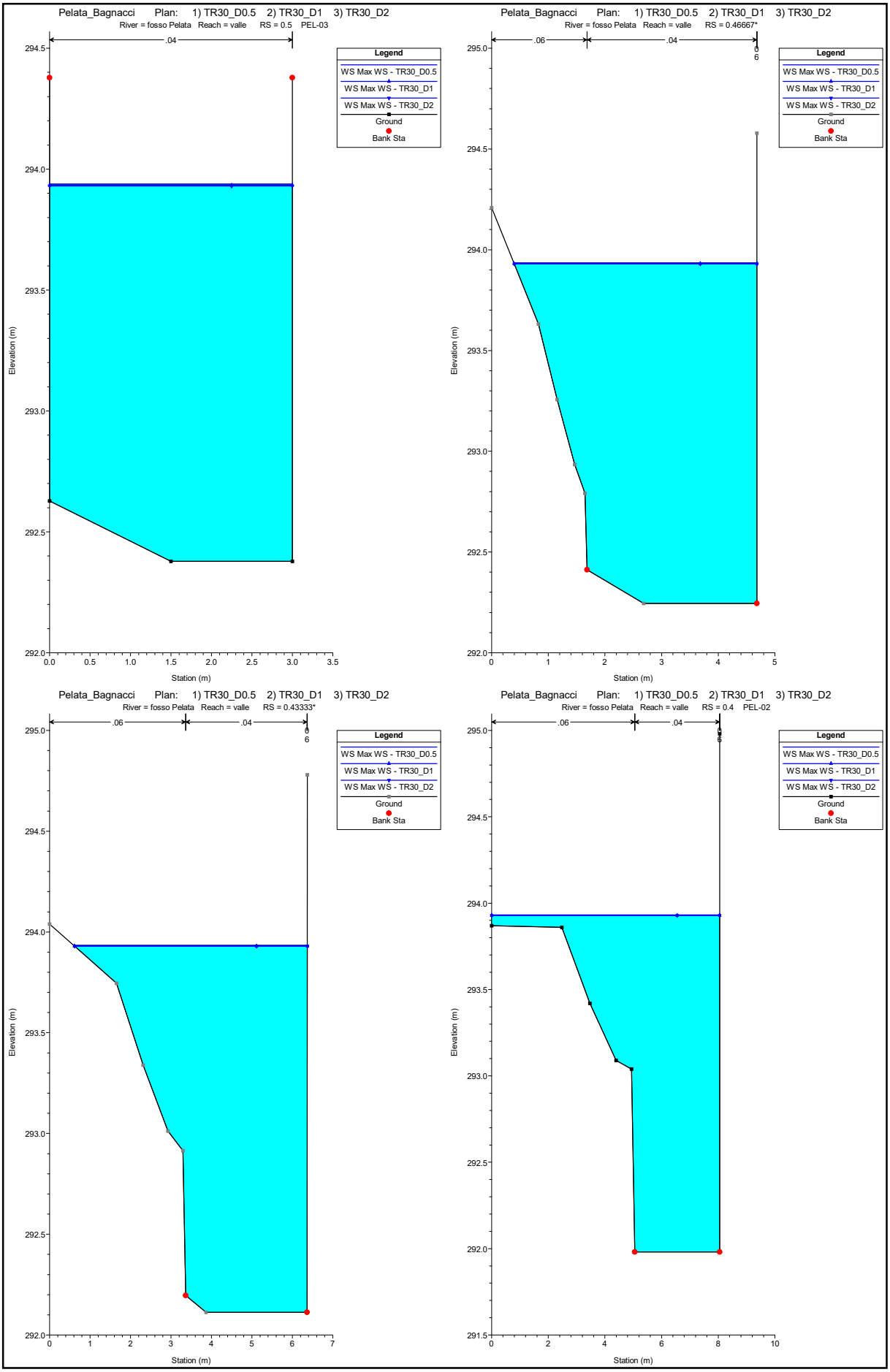

Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = valle RS = 1.9 BR
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = valle RS = 1.8 PEL-06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = valle RS = 1.53333*
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = valle RS = 1.26666*
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

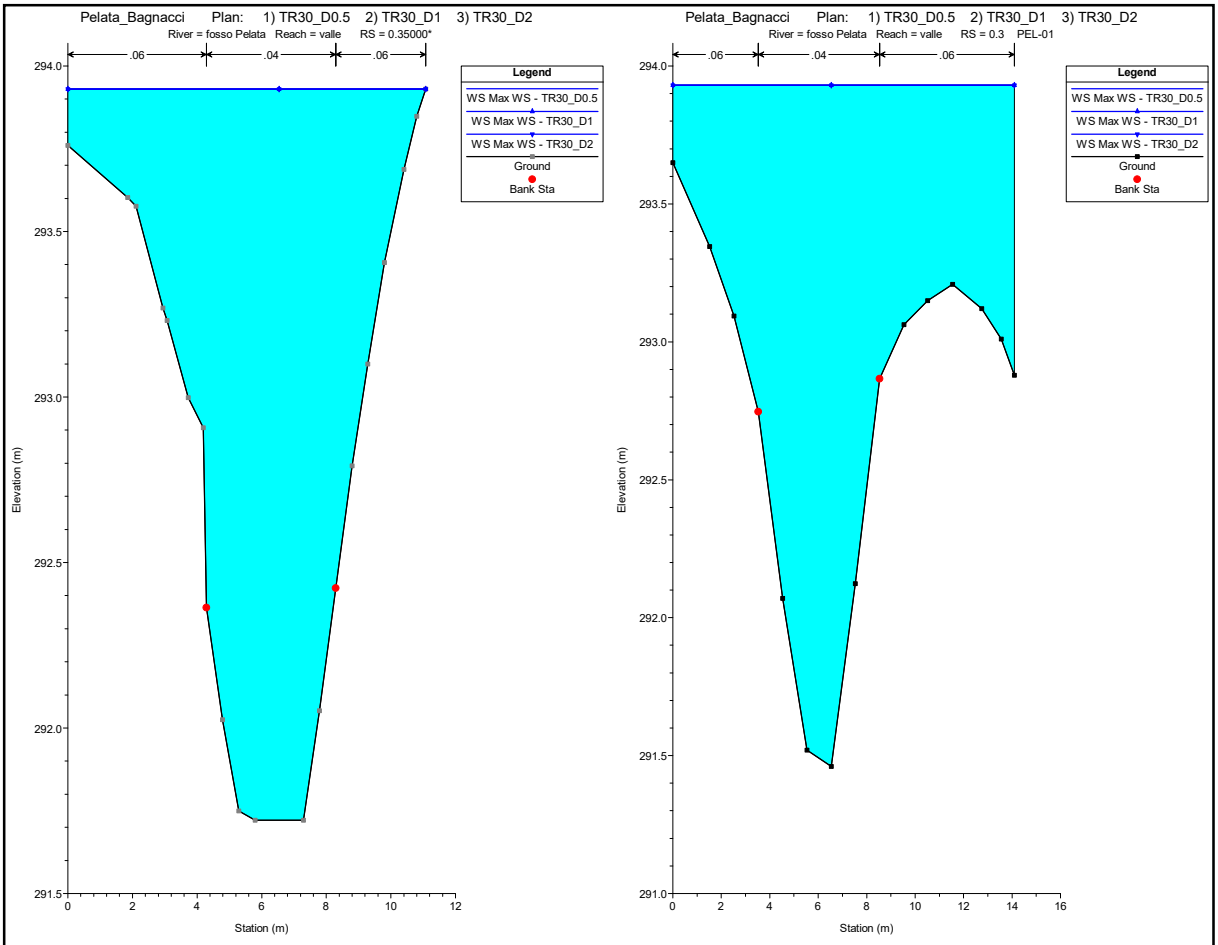

Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = valle RS = 1 PEL-05
.04
0
6
0
6
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = valle RS = 0.95 BR
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = valle RS = 0.95 BR
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = valle RS = 0.9 PEL-04


Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = valle RS = 0.86923*
.04
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = valle RS = 0.83846*
.04
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = valle RS = 0.80769*
.04
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = valle RS = 0.77692*
.04
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = valle RS = 0.74615*
.04
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = valle RS = 0.71538*
.04
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = valle RS = 0.68462*
.04
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = valle RS = 0.65385*
.04
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = valle RS = 0.62308*
.04
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = valle RS = 0.59231*
.04
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = valle RS = 0.56154*
.04
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = valle RS = 0.53077*
.04
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = valle RS = 0.5 PEL-03
.04
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = valle RS = 0.46667*
.06
.04
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = valle RS = 0.43333*
.06
.04
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = valle RS = 0.4 PEL-02
.06
.04
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = valle RS = 0.35000*
.06
.04
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Pelata_Bagnacci Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = fosso Pelata Reach = valle RS = 0.3 PEL-01
.06
.04
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "PELATA_BAGNACCI"

FOSSO PELATA

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 0.5, 1h e 2h

Dati idraulici

HEC-RAS Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
monte	11	Max WS	TR30_D0.5	3.90	311.07	311.55	311.78	312.30	0.101491	3.82			1.02	2.29	1.83
monte	11	Max WS	TR30_D1	2.70	311.07	311.45	311.63	312.04	0.101796	3.39			0.80	2.26	1.82
monte	11	Max WS	TR30_D2	1.40	311.07	311.31	311.44	311.74	0.125091	2.89			0.48	2.21	1.97
monte	10.9333*	Max WS	TR30_D0.5	3.90	310.89	311.37	311.60	312.12	0.101630	3.83			1.02	2.34	1.85
monte	10.9333*	Max WS	TR30_D1	2.70	310.89	311.28	311.45	311.87	0.102342	3.40			0.79	2.30	1.85
monte	10.9333*	Max WS	TR30_D2	1.40	310.89	311.14	311.27	311.56	0.121971	2.87			0.49	2.25	1.97
monte	10.8666*	Max WS	TR30_D0.5	3.90	310.71	311.20	311.42	311.94	0.101595	3.83			1.02	2.39	1.87
monte	10.8666*	Max WS	TR30_D1	2.70	310.71	311.10	311.28	311.69	0.103494	3.41			0.79	2.34	1.88
monte	10.8666*	Max WS	TR30_D2	1.40	310.71	310.97	311.09	311.38	0.115268	2.82			0.50	2.28	1.93
monte	10.8*	Max WS	TR30_D0.5	3.90	310.53	311.02	311.24	311.76	0.099964	3.81			1.02	2.44	1.88
monte	10.8*	Max WS	TR30_D1	2.70	310.53	310.92	311.10	311.52	0.104412	3.43			0.79	2.39	1.90
monte	10.8*	Max WS	TR30_D2	1.40	310.53	310.81	310.92	311.18	0.100075	2.69			0.52	2.32	1.82
monte	10.7333*	Max WS	TR30_D0.5	3.90	310.35	310.84	311.06	311.57	0.097421	3.77			1.03	2.50	1.88
monte	10.7333*	Max WS	TR30_D1	2.70	310.35	310.74	310.92	311.34	0.104728	3.43			0.79	2.44	1.92
monte	10.7333*	Max WS	TR30_D2	1.40	310.35	310.64	310.74	310.99	0.094565	2.64			0.53	2.36	1.78
monte	10.6666*	Max WS	TR30_D0.5	3.90	310.17	310.67	310.88	311.39	0.096192	3.75			1.04	2.56	1.88
monte	10.6666*	Max WS	TR30_D1	2.70	310.17	310.57	310.75	311.16	0.103252	3.41			0.79	2.49	1.93
monte	10.6666*	Max WS	TR30_D2	1.40	310.17	310.46	310.57	310.83	0.102611	2.71			0.52	2.39	1.86
monte	10.6*	Max WS	TR30_D0.5	3.90	309.99	310.49	310.70	311.21	0.097512	3.76			1.04	2.62	1.91
monte	10.6*	Max WS	TR30_D1	2.70	309.99	310.40	310.57	310.97	0.100066	3.36			0.80	2.54	1.91
monte	10.6*	Max WS	TR30_D2	1.40	309.99	310.27	310.39	310.68	0.114323	2.81			0.50	2.41	1.97
monte	10.5333*	Max WS	TR30_D0.5	3.90	309.81	310.31	310.52	311.03	0.098624	3.77			1.03	2.68	1.94
monte	10.5333*	Max WS	TR30_D1	2.70	309.81	310.22	310.39	310.78	0.096496	3.31			0.81	2.60	1.89
monte	10.5333*	Max WS	TR30_D2	1.40	309.81	310.09	310.22	310.51	0.117391	2.85			0.49	2.36	2.00
monte	10.4666*	Max WS	TR30_D0.5	3.90	309.63	310.13	310.34	310.85	0.098240	3.75			1.04	2.75	1.95
monte	10.4666*	Max WS	TR30_D1	2.70	309.63	310.04	310.21	310.61	0.098696	3.33			0.81	2.65	1.92
monte	10.4666*	Max WS	TR30_D2	1.40	309.63	309.92	310.04	310.33	0.113977	2.84			0.49	2.35	1.98
monte	10.4*	Max WS	TR30_D0.5	3.90	309.45	309.95	310.16	310.65	0.096440	3.71			1.05	2.82	1.94
monte	10.4*	Max WS	TR30_D1	2.70	309.45	309.86	310.03	310.44	0.102679	3.36			0.80	2.70	1.97
monte	10.4*	Max WS	TR30_D2	1.40	309.45	309.74	309.86	310.14	0.107877	2.79			0.50	2.35	1.93
monte	10.3333*	Max WS	TR30_D0.5	3.89	309.26	309.77	309.98	310.47	0.097023	3.70			1.05	2.89	1.96
monte	10.3333*	Max WS	TR30_D1	2.70	309.26	309.68	309.86	310.25	0.100715	3.34			0.81	2.71	1.95
monte	10.3333*	Max WS	TR30_D2	1.40	309.26	309.57	309.69	309.95	0.099741	2.72			0.52	2.38	1.86
monte	10.2666*	Max WS	TR30_D0.5	3.89	309.08	309.59	309.80	310.29	0.098066	3.69			1.06	2.96	1.97
monte	10.2666*	Max WS	TR30_D1	2.70	309.08	309.51	309.68	310.07	0.098447	3.31			0.81	2.73	1.93
monte	10.2666*	Max WS	TR30_D2	1.40	309.08	309.39	309.51	309.76	0.097610	2.69			0.52	2.40	1.85
monte	10.2*	Max WS	TR30_D0.5	3.89	308.90	309.41	309.62	310.10	0.097351	3.67			1.06	3.00	1.97
monte	10.2*	Max WS	TR30_D1	2.70	308.90	309.33	309.50	309.88	0.098656	3.31			0.82	2.75	1.94
monte	10.2*	Max WS	TR30_D2	1.40	308.90	309.21	309.33	309.59	0.102710	2.73			0.51	2.41	1.89
monte	10.1333*	Max WS	TR30_D0.5	3.89	308.72	309.23	309.44	309.91	0.096788	3.65			1.07	3.04	1.97
monte	10.1333*	Max WS	TR30_D1	2.70	308.72	309.14	309.32	309.70	0.097971	3.29			0.82	2.79	1.93
monte	10.1333*	Max WS	TR30_D2	1.40	308.72	309.03	309.14	309.40	0.098300	2.68			0.52	2.46	1.86
monte	10.0666*	Max WS	TR30_D0.5	3.89	308.54	309.05	309.25	309.71	0.096102	3.62			1.08	3.10	1.96
monte	10.0666*	Max WS	TR30_D1	2.70	308.54	308.96	309.13	309.50	0.096728	3.25			0.83	2.85	1.92
monte	10.0666*	Max WS	TR30_D2	1.40	308.54	308.85	308.96	309.21	0.097274	2.66			0.53	2.50	1.85
monte	10	Max WS	TR30_D0.5	3.89	308.36	308.87	309.07	309.50	0.090947	3.53			1.10	3.19	1.91
monte	10	Max WS	TR30_D1	2.70	308.36	308.79	308.95	309.30	0.091326	3.17			0.85	2.93	1.87
monte	10	Max WS	TR30_D2	1.40	308.36	308.67	308.78	309.02	0.092407	2.59			0.54	2.57	1.80
monte	9.88888*	Max WS	TR30_D0.5	3.89	307.90	308.42	308.62	309.05	0.090981	3.50			1.11	3.27	1.92
monte	9.88888*	Max WS	TR30_D1	2.70	307.90	308.34	308.50	308.85	0.091280	3.15			0.86	2.97	1.88
monte	9.88888*	Max WS	TR30_D2	1.40	307.90	308.23	308.33	308.57	0.089751	2.57			0.54	2.57	1.78
monte	9.77777*	Max WS	TR30_D0.5	3.89	307.44	307.98	308.17	308.59	0.091926	3.48			1.12	3.37	1.93
monte	9.77777*	Max WS	TR30_D1	2.70	307.44	307.89	308.05	308.40	0.092198	3.14			0.86	3.04	1.89
monte	9.77777*	Max WS	TR30_D2	1.40	307.44	307.78	307.89	308.12	0.092630	2.60			0.54	2.58	1.81
monte	9.66666*	Max WS	TR30_D0.5	3.89	306.98	307.52	307.71	308.12	0.092280	3.43			1.13	3.51	1.93
monte	9.66666*	Max WS	TR30_D1	2.70	306.98	307.44	307.60	307.93	0.092067	3.10			0.87	3.15	1.88
monte	9.66666*	Max WS	TR30_D2	1.40	306.98	307.33	307.44	307.67	0.092051	2.57			0.54	2.63	1.81
monte	9.55555*	Max WS	TR30_D0.5	3.89	306.52	307.07	307.25	307.65	0.093566	3.39			1.15	3.68	1.94
monte	9.55555*	Max WS	TR30_D1	2.70	306.52	306.99	307.14	307.47	0.093692	3.07			0.88	3.27	1.90
monte	9.55555*	Max WS	TR30_D2	1.40	306.52	306.88	306.99	307.22	0.097165	2.60			0.54	2.68	1.85
monte	9.44444*	Max WS	TR30_D0.5	3.89	306.06	306.61	306.77	307.17	0.093099	3.31			1.17	3.89	1.93
monte	9.44444*	Max WS	TR30_D1	2.70	306.06	306.53	306.68	306.99	0.092179	3.00			0.90	3.45	1.88
monte	9.44444*	Max WS	TR30_D2	1.40	306.06	306.43	306.53	306.74	0.090270	2.50			0.56	2.81	1.78
monte	9.33333*	Max WS	TR30_D0.5	3.89	305.60	306.14	306.30	306.70	0.099196	3.32			1.17	4.10	1.98
monte	9.33333*	Max WS	TR30_D1	2.70	305.60	306.07	306.20	306.53	0.099434	3.02			0.89	3.61	1.94
monte	9.33333*	Max WS	TR30_D2	1.40	305.60	305.96	306.07	306.29	0.100830	2.55			0.55	2.89	1.87
monte	9.22222*	Max WS	TR30_D0.5	3.89	305.14	305.67	305.83	306.19	0.092567	3.19	0.09	0.20	1.22	4.32	1.91
monte	9.22222*	Max WS	TR30_D1	2.70	305.14	305.61	305.73	306.01	0.085869	2.79			0.97	3.95	1.80
monte	9.22222*	Max WS	TR30_D2	1.40	305.14	305.51	305.60	305.78	0.080234	2.30			0.61	3.18	1.67
monte	9.11111*	Max WS	TR30_D0.5	3.89	304.68	305.18	305.35	305.75	0.108179	3.35	0.26	0.32	1.16	4.35	2.05
monte	9.11111*	Max WS	TR30_D1	2.70	304.68	305.12	305.25	305.59	0.117554	3.05			0.89	4.01	2.07
monte	9.11111*	Max WS	TR30_D2	1.40	304.68	305.02	305.13	305.37	0.125634	2.64			0.53	3.12	2.05
monte	9	Max WS	TR30_D0.5	3.89	304.22	304.85	304.87	305.09	0.024669	2.14	0.45	0.49	1.85	4.71	1.05
monte	9	Max WS	TR30_D1	2.70	304.22	304.77	304.77	304.94	0.025063	1.86	0.33	0.36	1.46	4.53	1.02
monte	9	Max WS	TR30_D2	1.40	304.22	304.65	304.65	304.76	0.028321	1.49	0.06	0.08	0.94	4.29	1.01
monte	8.75*	Max WS	TR30_D0.5	3.89	304.10	304.74	304.79	305.03	0.031756	2.38	0.39	0.41	1.65	4.18	1.18
monte	8.75*	Max WS	TR30_D1	2.70	304.10	304.66	304.69	304.88	0.034112	2.10	0.20	0.22	1.28	4.00	1.17
monte	8.75*	Max WS	TR30_D2	1.40	304.10	304.53	304.55	304.68	0.037686	1.76			0.79	3.44	1.17
monte	8.5*	Max WS	TR30_D0.5	3.89	303.97	304.60	304.69	304.97	0.043968	2.67	0.16	0.17	1.45	3.59	1.33

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
monte	8.5*	Max WS	TR30_D1	2.70	303.97	304.50	304.58	304.80	0.045911	2.41			1.12	3.31	1.33
monte	8.5*	Max WS	TR30_D2	1.40	303.97	304.37	304.42	304.57	0.047037	2.01			0.69	2.83	1.30
monte	8.25*	Max WS	TR30_D0.5	3.89	303.85	304.42	304.54	304.87	0.053519	2.97			1.31	2.97	1.43
monte	8.25*	Max WS	TR30_D1	2.70	303.85	304.32	304.41	304.67	0.050737	2.61			1.03	2.81	1.37
monte	8.25*	Max WS	TR30_D2	1.40	303.85	304.20	304.24	304.40	0.043858	2.01			0.70	2.60	1.24
monte	8	Max WS	TR30_D0.5	3.89	303.72	304.15	304.33	304.77	0.086754	3.48			1.12	2.70	1.73
monte	8	Max WS	TR30_D1	2.70	303.72	304.06	304.20	304.54	0.087676	3.09			0.87	2.67	1.72
monte	8	Max WS	TR30_D2	1.40	303.72	303.94	304.03	304.25	0.090547	2.47			0.57	2.64	1.70
monte	7.85714*	Max WS	TR30_D0.5	3.89	303.49	303.98	304.19	304.67	0.094783	3.68			1.06	2.58	1.84
monte	7.85714*	Max WS	TR30_D1	2.70	303.49	303.89	304.05	304.43	0.093866	3.25			0.83	2.51	1.81
monte	7.85714*	Max WS	TR30_D2	1.40	303.49	303.77	303.88	304.12	0.094466	2.60			0.54	2.42	1.76
monte	7.71428*	Max WS	TR30_D0.5	3.89	303.25	303.80	304.02	304.57	0.108091	3.89			1.00	2.59	2.00
monte	7.71428*	Max WS	TR30_D1	2.70	303.25	303.71	303.89	304.31	0.105777	3.44			0.78	2.47	1.95
monte	7.71428*	Max WS	TR30_D2	1.40	303.25	303.60	303.71	303.98	0.101259	2.73			0.51	2.32	1.85
monte	7.57142*	Max WS	TR30_D0.5	3.89	303.01	303.59	303.83	304.42	0.116962	4.03			0.96	2.50	2.07
monte	7.57142*	Max WS	TR30_D1	2.70	303.01	303.50	303.70	304.17	0.122136	3.62			0.75	2.48	2.11
monte	7.57142*	Max WS	TR30_D2	1.40	303.01	303.40	303.52	303.83	0.122641	2.91			0.48	2.36	2.06
monte	7.5			Lat Struct											
monte	7.42857*	Max WS	TR30_D0.5	3.89	302.77	303.40	303.61	304.13	0.095552	3.80			1.02	2.41	1.86
monte	7.42857*	Max WS	TR30_D1	2.70	302.77	303.27	303.47	303.99	0.133480	3.76			0.72	2.39	2.19
monte	7.42857*	Max WS	TR30_D2	1.40	302.77	303.15	303.29	303.67	0.151797	3.20			0.44	2.16	2.27
monte	7.28571*	Max WS	TR30_D0.5	3.89	302.53	303.27	303.37	303.73	0.047959	3.01			1.29	2.33	1.29
monte	7.28571*	Max WS	TR30_D1	2.70	302.53	303.08	303.22	303.58	0.075219	3.15			0.86	2.26	1.63
monte	7.28571*	Max WS	TR30_D2	1.40	302.53	302.88	303.04	303.41	0.148139	3.24			0.43	1.97	2.21
monte	7.14285*	Max WS	TR30_D0.5	3.89	302.29	303.21		303.45	0.018557	2.20	0.05	0.07	1.77	2.27	0.79
monte	7.14285*	Max WS	TR30_D1	2.70	302.29	302.99		303.22	0.023582	2.10			1.28	2.23	0.89
monte	7.14285*	Max WS	TR30_D2	1.40	302.29	302.71	302.74	302.92	0.038473	2.04			0.69	2.04	1.12
monte	7	Max WS	TR30_D0.5	3.89	302.06	303.18	302.77	303.32	0.007674	1.64	0.07	0.08	2.38	2.21	0.50
monte	7	Max WS	TR30_D1	2.70	302.06	302.96	302.62	303.07	0.007913	1.43	0.03	0.04	1.89	2.17	0.49
monte	7	Max WS	TR30_D2	1.40	302.06	302.67	302.42	302.73	0.006958	1.11			1.26	2.12	0.46
monte	6.5			Inl Struct											
monte	6.1	Max WS	TR30_D0.5	3.88	300.22	301.44		301.56	0.008269	1.55			2.51	2.11	0.45
monte	6.1	Max WS	TR30_D1	2.70	300.22	301.06		301.19	0.010986	1.56			1.72	2.11	0.55
monte	6.1	Max WS	TR30_D2	1.40	300.22	300.74		300.83	0.011861	1.33			1.06	2.10	0.60
monte	6	Max WS	TR30_D0.5	3.88	300.20	301.44		301.56	0.007851	1.52			2.56	2.11	0.44
monte	6	Max WS	TR30_D1	2.70	300.20	301.07		301.18	0.010125	1.52			1.78	2.11	0.53
monte	6	Max WS	TR30_D2	1.40	300.20	300.75		300.83	0.010320	1.26			1.11	2.11	0.56
monte	5.5			Culvert											
monte	5	Max WS	TR30_D0.5	3.88	299.95	301.46		301.54	0.004637	1.28		0.07	3.03	2.66	0.38
monte	5	Max WS	TR30_D1	2.70	299.95	301.08		301.17	0.006805	1.32			2.05	2.53	0.47
monte	5	Max WS	TR30_D2	1.40	299.95	300.67		300.76	0.012401	1.33			1.05	2.39	0.64
monte	4.9			Lat Struct											
monte	4.7500*	Max WS	TR30_D0.5	3.88	299.92	301.43		301.54	0.006035	1.44		0.08	2.70	2.28	0.42
monte	4.7500*	Max WS	TR30_D1	2.70	299.92	301.05		301.16	0.008612	1.46			1.85	2.18	0.50
monte	4.7500*	Max WS	TR30_D2	1.40	299.92	300.65		300.75	0.012830	1.39			1.01	2.05	0.63
monte	4.5000*	Max WS	TR30_D0.5	3.88	299.90	301.38		301.53	0.008794	1.70	0.05	0.11	2.30	1.89	0.49
monte	4.5000*	Max WS	TR30_D1	2.70	299.90	301.00		301.15	0.012774	1.69			1.59	1.81	0.58
monte	4.5000*	Max WS	TR30_D2	1.40	299.90	300.61		300.74	0.016042	1.54			0.91	1.70	0.68
monte	4.2500*	Max WS	TR30_D0.5	3.88	299.88	301.31		301.55	0.015040	2.15	0.15	0.17	1.82	1.51	0.61
monte	4.2500*	Max WS	TR30_D1	2.70	299.88	300.95		301.17	0.022125	2.10		0.08	1.29	1.43	0.70
monte	4.2500*	Max WS	TR30_D2	1.40	299.88	300.57		300.74	0.024398	1.82			0.77	1.35	0.77
monte	4	Max WS	TR30_D0.5	3.88	299.85	301.27		301.70	0.029099	2.88	0.33	0.26	1.39	1.15	0.80
monte	4	Max WS	TR30_D1	2.70	299.85	300.90		301.30	0.043091	2.80	0.21	0.17	0.97	1.06	0.92
monte	4	Max WS	TR30_D2	1.40	299.85	300.51		300.81	0.053254	2.42			0.58	0.98	1.01
monte	3.9			Culvert											
monte	3.66666*	Max WS	TR30_D0.5	3.88	298.89	299.94	300.12	300.67	0.077033	3.79	0.04	0.04	1.03	1.32	1.37
monte	3.66666*	Max WS	TR30_D1	2.70	298.89	299.74	299.91	300.38	0.087542	3.54			0.76	1.30	1.48
monte	3.66666*	Max WS	TR30_D2	1.40	298.89	299.48	299.64	300.02	0.113581	3.26			0.43	1.26	1.79
monte	3.65	Max WS	TR30_D0.5	3.88	298.86	299.93		300.12	0.014801	1.93			2.01	1.93	0.60
monte	3.65	Max WS	TR30_D1	2.70	298.86	299.73		299.87	0.012597	1.66			1.63	1.91	0.57
monte	3.65	Max WS	TR30_D2	1.40	298.86	299.47		299.55	0.009269	1.24			1.13	1.90	0.51
monte	3.2			Culvert											
monte	3	Max WS	TR30_D0.5	3.87	296.96	298.57		298.65	0.004238	1.27	0.02	0.02	3.05	1.95	0.32
monte	3	Max WS	TR30_D1	2.69	296.96	298.21		298.27	0.004746	1.14			2.35	1.94	0.33
monte	3	Max WS	TR30_D2	1.40	296.96	297.77		297.81	0.004174	0.93			1.51	1.91	0.33
monte	2.9286*	Max WS	TR30_D0.5	3.87	296.91	298.57		298.64	0.003400	1.18	0.02	0.02	3.29	2.04	0.30
monte	2.9286*	Max WS	TR30_D1	2.68	296.91	298.21		298.27	0.003740	1.05			2.56	2.03	0.30
monte	2.9286*	Max WS	TR30_D2	1.39	296.91	297.77		297.81	0.003131	0.83			1.67	2.00	0.29
monte	2.85714	Max WS	TR30_D0.5	3.87	296.85	298.58		298.64	0.002737	1.09	0.02	0.02	3.54	2.13	0.27
monte	2.85714	Max WS	TR30_D1	2.67	296.85	298.22		298.27	0.002938	0.96			2.78	2.12	0.27
monte	2.85714	Max WS	TR30_D2	1.39	296.85	297.78		297.81	0.002341	0.75			1.85	2.08	0.25
valle	2.78571*	Max WS	TR30_D0.5	8.20	296.85	297.92	298.03	298.61	0.049849	3.69			2.22	2.18	1.17
valle	2.78571*	Max WS	TR30_D1	5.73	296.85	297.69	297.78	298.25	0.047428	3.29			1.74	2.16	1.17
valle	2.78571*	Max WS	TR30_D2	3.14	296.85	297.43	297.49	297.80	0.044396	2.71			1.16	2.13	1.17
valle	2.71428*	Max WS	TR30_D0.5	8.20	296.81	297.87	297.97	298.54	0.047206	3.61			2.27	2.26	1.15
valle	2.71428*	Max WS	TR30_D1	5.72	296.81	297.65	297.73	298.18	0.045275	3.23			1.77	2.24	1.16

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
valle	2.71428*	Max WS	TR30_D2	3.13	296.81	297.38	297.44	297.74	0.042937	2.66			1.18	2.21	1.16
valle	2.64285*	Max WS	TR30_D0.5	8.20	296.77	297.83	297.91	298.46	0.044545	3.53			2.32	2.35	1.14
valle	2.64285*	Max WS	TR30_D1	5.72	296.77	297.60	297.68	298.12	0.043061	3.16			1.81	2.32	1.15
valle	2.64285*	Max WS	TR30_D2	3.13	296.77	297.34	297.39	297.69	0.041393	2.61			1.20	2.29	1.15
valle	2.57142*	Max WS	TR30_D0.5	8.20	296.73	297.78	297.85	298.39	0.042023	3.46			2.37	2.43	1.12
valle	2.57142*	Max WS	TR30_D1	5.71	296.73	297.56	297.63	298.05	0.040893	3.10			1.84	2.40	1.13
valle	2.57142*	Max WS	TR30_D2	3.12	296.73	297.30	297.35	297.64	0.039956	2.56			1.22	2.37	1.14
valle	2.5*	Max WS	TR30_D0.5	8.20	296.69	297.74	297.80	298.32	0.039525	3.38			2.43	2.51	1.10
valle	2.5*	Max WS	TR30_D1	5.71	296.69	297.52	297.58	297.99	0.038739	3.03			1.88	2.48	1.11
valle	2.5*	Max WS	TR30_D2	3.12	296.69	297.26	297.30	297.58	0.038449	2.51			1.24	2.44	1.13
valle	2.42857*	Max WS	TR30_D0.5	8.20	296.65	297.70	297.75	298.26	0.037041	3.29			2.49	2.60	1.07
valle	2.42857*	Max WS	TR30_D1	5.71	296.65	297.49	297.53	297.93	0.036465	2.95			1.93	2.56	1.09
valle	2.42857*	Max WS	TR30_D2	3.12	296.65	297.22	297.26	297.53	0.036761	2.46			1.27	2.52	1.11
valle	2.35714*	Max WS	TR30_D0.5	8.20	296.61	297.67	297.69	298.19	0.034537	3.20			2.56	2.68	1.05
valle	2.35714*	Max WS	TR30_D1	5.70	296.61	297.45	297.48	297.87	0.034108	2.88			1.98	2.64	1.06
valle	2.35714*	Max WS	TR30_D2	3.11	296.61	297.19	297.22	297.48	0.034799	2.40			1.30	2.59	1.08
valle	2.28571*	Max WS	TR30_D0.5	8.20	296.57	297.64	297.64	298.13	0.032106	3.11			2.63	2.76	1.02
valle	2.28571*	Max WS	TR30_D1	5.70	296.57	297.42	297.43	297.82	0.031741	2.79			2.04	2.72	1.03
valle	2.28571*	Max WS	TR30_D2	3.11	296.57	297.16	297.17	297.43	0.032621	2.34			1.33	2.67	1.06
valle	2.21428*	Max WS	TR30_D0.5	8.20	296.54	297.60	297.59	298.07	0.029662	3.02			2.72	2.85	0.99
valle	2.21428*	Max WS	TR30_D1	5.70	296.54	297.39	297.39	297.76	0.029342	2.71			2.11	2.80	1.00
valle	2.21428*	Max WS	TR30_D2	3.11	296.54	297.13	297.13	297.39	0.030110	2.26			1.37	2.74	1.02
valle	2.14285*	Max WS	TR30_D0.5	8.20	296.50	297.58	297.54	298.01	0.027308	2.93			2.80	2.93	0.96
valle	2.14285*	Max WS	TR30_D1	5.70	296.50	297.36	297.34	297.71	0.026910	2.62			2.18	2.88	0.96
valle	2.14285*	Max WS	TR30_D2	3.11	296.50	297.10	297.09	297.34	0.027578	2.18			1.42	2.82	0.98
valle	2.07142*	Max WS	TR30_D0.5	8.20	296.46	297.55		297.96	0.025030	2.83			2.90	3.01	0.92
valle	2.07142*	Max WS	TR30_D1	5.70	296.46	297.34		297.66	0.024561	2.53			2.26	2.96	0.92
valle	2.07142*	Max WS	TR30_D2	3.11	296.46	297.07		297.30	0.025004	2.10			1.48	2.90	0.94
valle	2	Max WS	TR30_D0.5	8.20	296.42	297.53	297.45	297.91	0.022826	2.73			3.00	3.10	0.89
valle	2	Max WS	TR30_D1	5.70	296.42	297.31	297.25	297.61	0.022223	2.43			2.34	3.04	0.88
valle	2	Max WS	TR30_D2	3.11	296.42	297.05	297.01	297.25	0.022301	2.01			1.55	2.98	0.89
valle	1.9			Bridge											
valle	1.8	Max WS	TR30_D0.5	8.20	296.32	297.36	297.35	297.80	0.027885	2.93			2.80	3.08	0.98
valle	1.8	Max WS	TR30_D1	5.70	296.32	297.12	297.15	297.51	0.032310	2.77			2.06	3.02	1.07
valle	1.8	Max WS	TR30_D2	3.11	296.32	296.85	296.91	297.16	0.040706	2.46			1.26	2.96	1.20
valle	1.53333*	Max WS	TR30_D0.5	8.20	296.12	297.24		297.59	0.020521	2.63			3.12	3.13	0.84
valle	1.53333*	Max WS	TR30_D1	5.70	296.12	296.98		297.29	0.023027	2.46			2.32	3.08	0.90
valle	1.53333*	Max WS	TR30_D2	3.10	296.12	296.68	296.69	296.93	0.030488	2.23			1.40	3.00	1.04
valle	1.26666*	Max WS	TR30_D0.5	7.74	295.93	297.16		297.40	0.012464	2.16			3.59	3.16	0.65
valle	1.26666*	Max WS	TR30_D1	5.70	295.93	296.89		297.11	0.014547	2.09			2.73	3.12	0.71
valle	1.26666*	Max WS	TR30_D2	3.10	295.93	296.56		296.73	0.016556	1.81			1.72	3.07	0.77
valle	1	Max WS	TR30_D0.5	7.74	295.74	297.15	296.64	297.32	0.007217	1.81	0.07	0.02	4.28	3.20	0.50
valle	1	Max WS	TR30_D1	5.70	295.74	296.86	296.48	297.00	0.008356	1.71			3.34	3.15	0.53
valle	1	Max WS	TR30_D2	3.10	295.74	296.51	296.25	296.60	0.007624	1.38			2.25	3.11	0.52
valle	0.95			Bridge											
valle	0.9	Max WS	TR30_D0.5	8.18	295.45	296.70		296.97	0.014394	2.31			3.55	3.00	0.68
valle	0.9	Max WS	TR30_D1	5.70	295.45	296.40		296.63	0.015695	2.15			2.65	3.00	0.73
valle	0.9	Max WS	TR30_D2	3.10	295.45	296.05		296.24	0.020029	1.94			1.60	3.00	0.85
valle	0.86923*	Max WS	TR30_D0.5	8.18	295.21	296.54		296.78	0.012086	2.16			3.78	3.00	0.62
valle	0.86923*	Max WS	TR30_D1	5.70	295.21	296.25		296.44	0.012031	1.96			2.91	3.00	0.63
valle	0.86923*	Max WS	TR30_D2	3.10	295.21	295.91		296.05	0.012058	1.63			1.90	3.00	0.65
valle	0.83846*	Max WS	TR30_D0.5	8.17	294.98	296.30		296.54	0.012044	2.16			3.78	3.00	0.61
valle	0.83846*	Max WS	TR30_D1	5.70	294.98	296.01		296.21	0.011997	1.95			2.92	3.00	0.63
valle	0.83846*	Max WS	TR30_D2	3.10	294.98	295.68		295.81	0.012006	1.63			1.91	3.00	0.65
valle	0.80769*	Max WS	TR30_D0.5	8.16	294.74	296.06		296.30	0.012046	2.16			3.78	3.00	0.61
valle	0.80769*	Max WS	TR30_D1	5.70	294.74	295.78		295.97	0.012004	1.95			2.91	3.00	0.63
valle	0.80769*	Max WS	TR30_D2	3.10	294.74	295.44		295.57	0.012019	1.63			1.91	3.00	0.65
valle	0.77692*	Max WS	TR30_D0.5	8.15	294.51	295.83		296.06	0.012048	2.16			3.78	3.00	0.61
valle	0.77692*	Max WS	TR30_D1	5.69	294.51	295.54		295.73	0.012022	1.95			2.91	3.00	0.63
valle	0.77692*	Max WS	TR30_D2	3.10	294.51	295.20		295.34	0.012052	1.63			1.90	3.00	0.65
valle	0.74615*	Max WS	TR30_D0.5	8.14	294.27	295.59		295.83	0.011992	2.15			3.78	3.00	0.61
valle	0.74615*	Max WS	TR30_D1	5.69	294.27	295.30		295.50	0.011955	1.95			2.92	3.00	0.63
valle	0.74615*	Max WS	TR30_D2	3.10	294.27	294.97		295.10	0.012000	1.63			1.91	3.00	0.65
valle	0.71538*	Max WS	TR30_D0.5	8.14	294.03	295.36		295.59	0.011948	2.15			3.78	3.00	0.61
valle	0.71538*	Max WS	TR30_D1	5.69	294.03	295.07		295.26	0.011888	1.95			2.92	3.00	0.63
valle	0.71538*	Max WS	TR30_D2	3.10	294.03	294.73		294.87	0.011933	1.62			1.91	3.00	0.65
valle	0.68462*	Max WS	TR30_D0.5	8.13	293.80	295.12		295.36	0.011891	2.15			3.79	3.00	0.61
valle	0.68462*	Max WS	TR30_D1	5.69	293.80	294.84		295.03	0.011747	1.94			2.94	3.00	0.63
valle	0.68462*	Max WS	TR30_D2	3.10	293.80	294.50		294.63	0.011648	1.61			1.93	3.00	0.64
valle	0.65385*	Max WS	TR30_D0.5	8.12	293.56	294.89		295.12	0.011739	2.14			3.80	3.00	0.61
valle	0.65385*	Max WS	TR30_D1	5.69	293.56	294.61		294.80	0.011346	1.91			2.97	3.00	0.61
valle	0.65385*	Max WS	TR30_D2	3.10	293.56	294.29		294.41	0.010411	1.55			2.00	3.00	0.61
valle	0.62308*	Max WS	TR30_D0.5	8.12	293.32	294.67		294.89	0.011449	2.12			3.84	3.00	0.60
valle	0.62308*	Max WS	TR30_D1	5.69	293.32	294.41		294.58	0.010475	1.86			3.06	3.00	0.59
valle	0.62308*	Max WS	TR30_D2	3.10	293.32	294.13		294.23	0.007655	1.39			2.23	3.00	0.52
valle	0.59231*	Max WS	TR30_D0.5	8.12	293.09	294.45		294.67	0.010972	2.08			3.90	3.00	0.58
valle	0.59231*	Max WS	TR30_D1	5.69	293.09	294.23		294.39	0.008999	1.76			3.23	3.00	0.54
valle	0.59231*	Max WS	TR30_D2	3.10	293.09	294.03		294.10	0.004707	1.17			2.64	3.00	0.40

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
valle	0.56154*	Max WS	TR30_D0.5	8.12	292.85	294.25		294.46	0.010169	2.03			4.01	3.00	0.56
valle	0.56154*	Max WS	TR30_D1	5.69	292.85	294.09		294.22	0.007081	1.61			3.53	3.00	0.48
valle	0.56154*	Max WS	TR30_D2	3.10	292.85	293.98		294.02	0.002769	0.97			3.19	3.00	0.30
valle	0.53077*	Max WS	TR30_D0.5	8.11	292.61	294.07		294.26	0.008993	1.93			4.19	3.00	0.52
valle	0.53077*	Max WS	TR30_D1	5.69	292.61	293.99		294.10	0.005230	1.44			3.94	3.00	0.40
valle	0.53077*	Max WS	TR30_D2	3.10	292.61	293.95		293.98	0.001697	0.81			3.81	3.00	0.23
valle	0.5	Max WS	TR30_D0.5	1.65	292.38	293.94		293.95	0.000310	0.37			4.49	3.00	0.10
valle	0.5	Max WS	TR30_D1	1.79	292.38	293.93		293.94	0.000367	0.40			4.48	3.00	0.10
valle	0.5	Max WS	TR30_D2	1.16	292.38	293.93		293.93	0.000155	0.26			4.47	3.00	0.07
valle	0.46667*	Max WS	TR30_D0.5	1.63	292.25	293.94		293.94	0.000082	0.32	0.07	0.00	5.72	4.29	0.08
valle	0.46667*	Max WS	TR30_D1	1.75	292.25	293.93		293.94	0.000095	0.34	0.08	0.00	5.70	4.29	0.08
valle	0.46667*	Max WS	TR30_D2	1.36	292.25	293.93		293.93	0.000058	0.26	0.06	0.00	5.69	4.28	0.07
valle	0.43333*	Max WS	TR30_D0.5	1.47	292.11	293.93		293.94	0.000048	0.26	0.06	0.00	6.72	5.77	0.06
valle	0.43333*	Max WS	TR30_D1	1.74	292.11	293.93		293.93	0.000067	0.30	0.07	0.00	6.70	5.75	0.07
valle	0.43333*	Max WS	TR30_D2	1.03	292.11	293.93		293.93	0.000024	0.18	0.04	0.00	6.70	5.75	0.04
valle	0.4	Max WS	TR30_D0.5	1.44	291.98	293.93		293.93	0.000036	0.23	0.04	0.00	7.56	8.05	0.05
valle	0.4	Max WS	TR30_D1	0.99	291.98	293.93		293.93	0.000017	0.16	0.03	0.00	7.55	8.05	0.04
valle	0.4	Max WS	TR30_D2	1.02	291.98	293.93		293.93	0.000018	0.17	0.03	0.00	7.55	8.05	0.04
valle	0.35000*	Max WS	TR30_D0.5	1.75	291.72	293.93		293.93	0.000025	0.19	0.05	0.06	12.15	11.07	0.04
valle	0.35000*	Max WS	TR30_D1	1.72	291.72	293.93		293.93	0.000024	0.19	0.05	0.06	12.15	11.07	0.04
valle	0.35000*	Max WS	TR30_D2	1.02	291.72	293.93		293.93	0.000008	0.11	0.03	0.03	12.15	11.07	0.02
valle	0.3	Max WS	TR30_D0.5	2.23	291.46	293.93	292.07	293.93	0.000027	0.18	0.06	0.07	16.77	14.10	0.04
valle	0.3	Max WS	TR30_D1	1.14	291.46	293.93	291.89	293.93	0.000007	0.09	0.03	0.03	16.77	14.10	0.02
valle	0.3	Max WS	TR30_D2	1.00	291.46	293.93	291.86	293.93	0.000005	0.08	0.03	0.03	16.77	14.10	0.02

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "PAGLIERICCIO"

PAGLIERICCIO

MODELLAZIONE PER TR=30 e 200 ANNI

DURATA DI PIOGGIA: 0.5, 1 e 2 h

Profilo longitudinale

Sezioni Trasversali

Dati idraulici

ALLEGATI

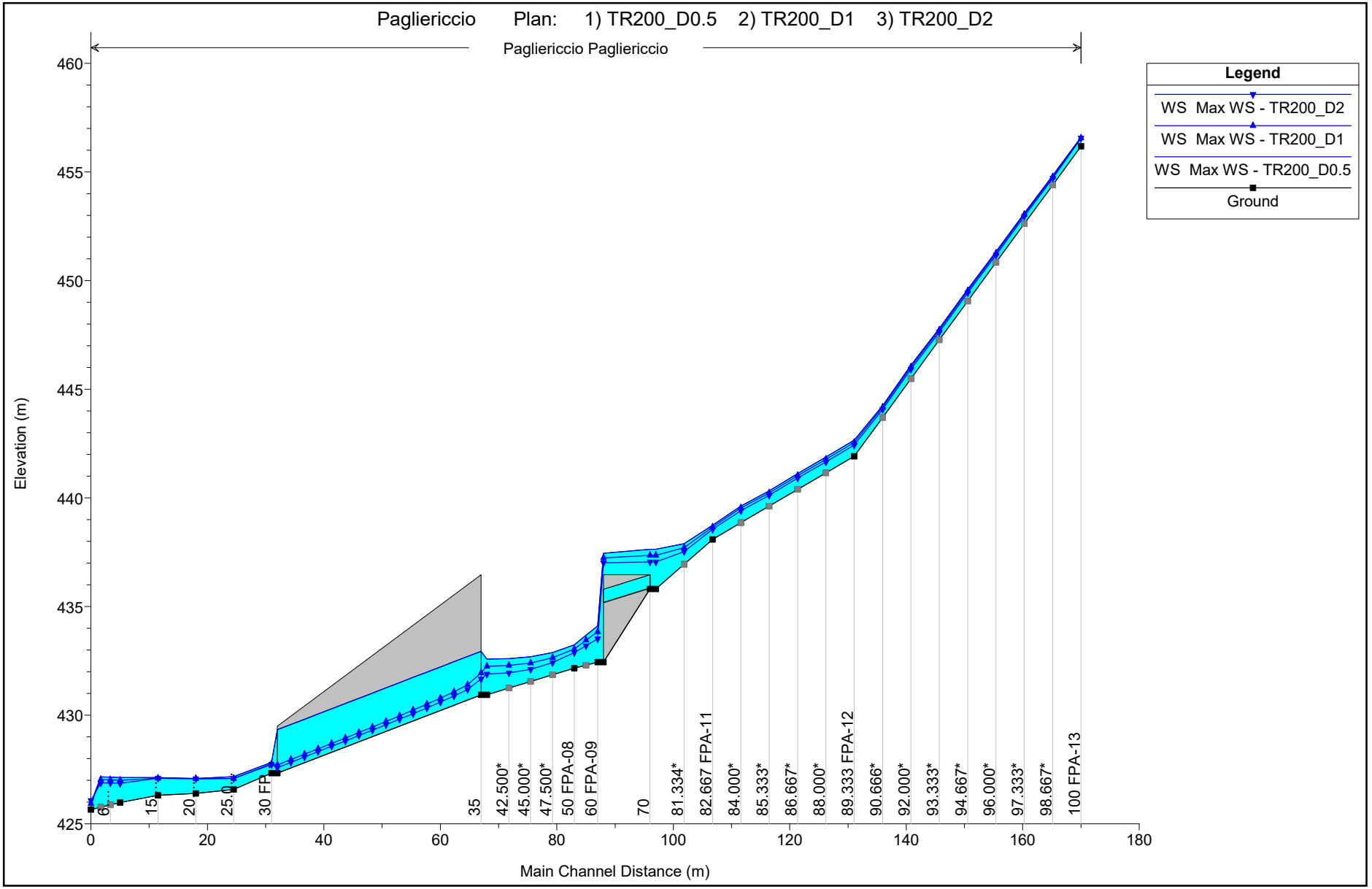
MODELLAZIONE HEC-RAS 5.0.7 "PAGLIERICCIO"

PAGLIERICCIO

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 0.5, 1 e 2 h

Profilo longitudinale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Paglericcio Paglericcio
Legend
WS Max WS - TR200_D2
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
Ground
Elevation (m)
Main Channel Distance (m)
460
455
450
445
440
435
430
425
0
20
40
60
80
100
120
140
160
180
6...
15...
20...
25.0*
30 FP...
35
42.500*
45.000*
47.500*
50 FPA-08
60 FPA-09
70
81.334*
82.667 FPA-11
84.000*
85.333*
86.667*
88.000*
89.333 FPA-12
90.666*
92.000*
93.333*
94.667*
96.000*
97.333*
98.667*
100 FPA-13

ALLEGATI

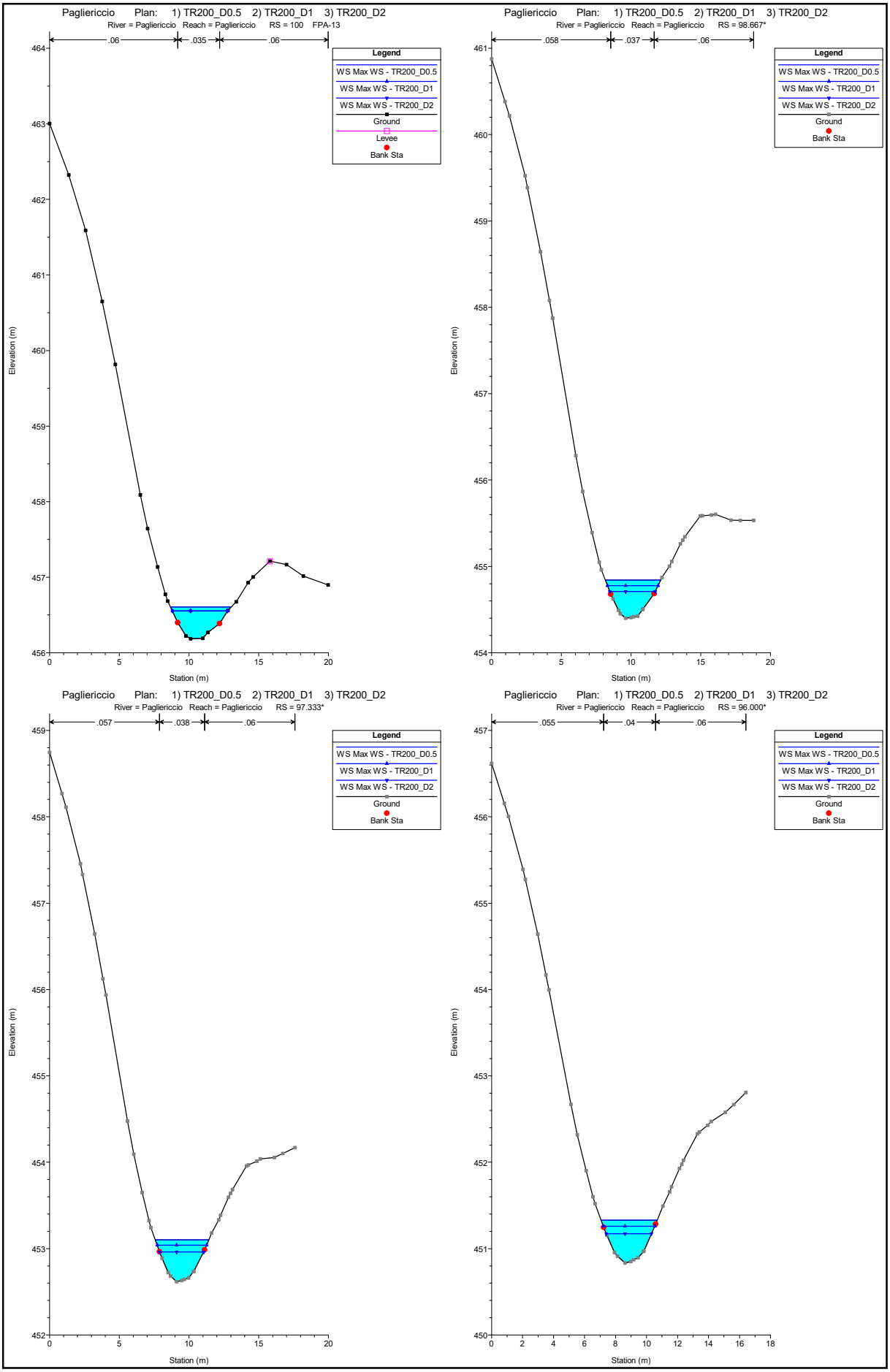
MODELLAZIONE HEC-RAS 5.0.7 "PAGLIERICCIO"

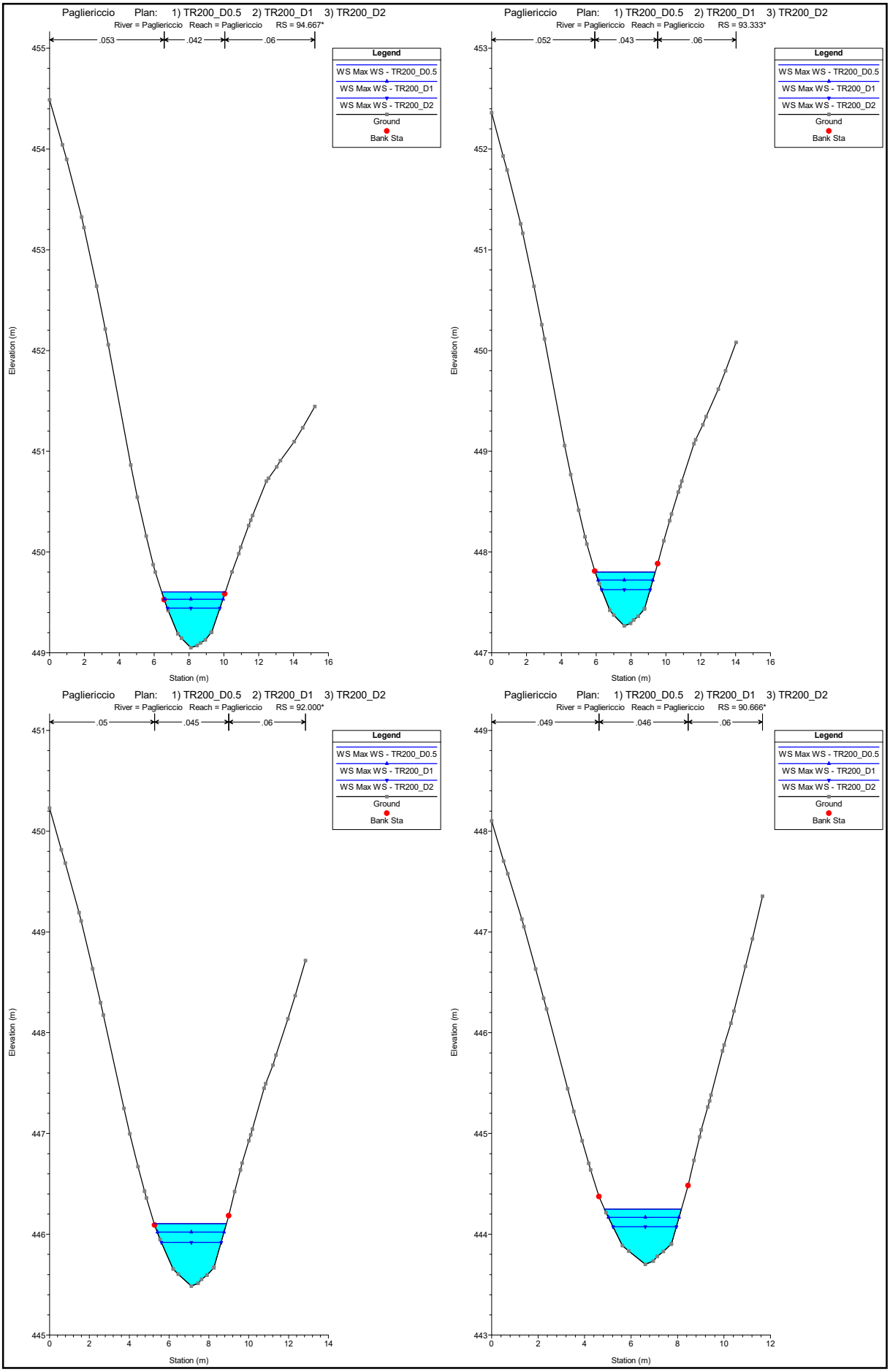
PAGLIERICCIO

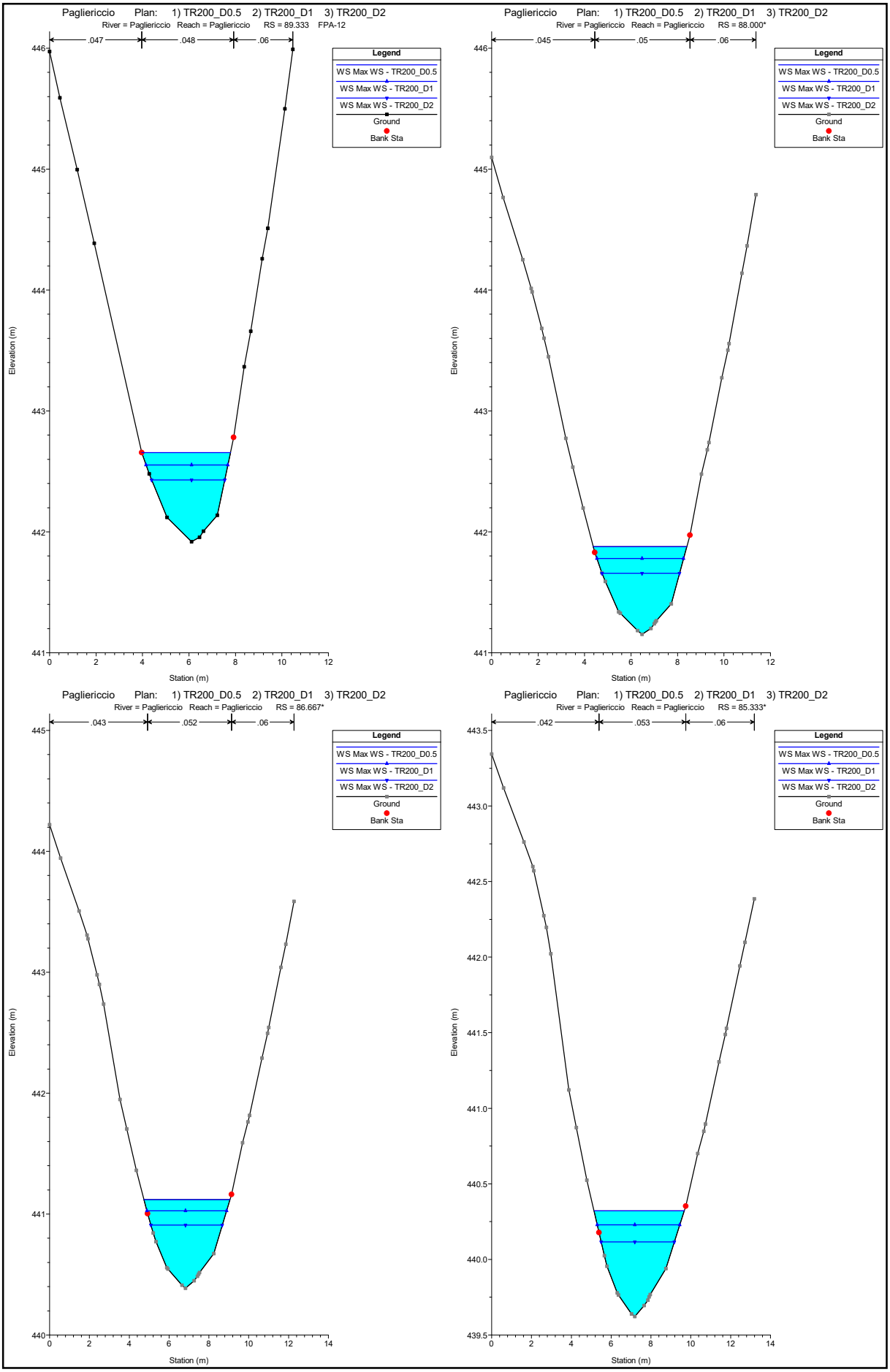
MODELLAZIONE PER TR= 200 anni

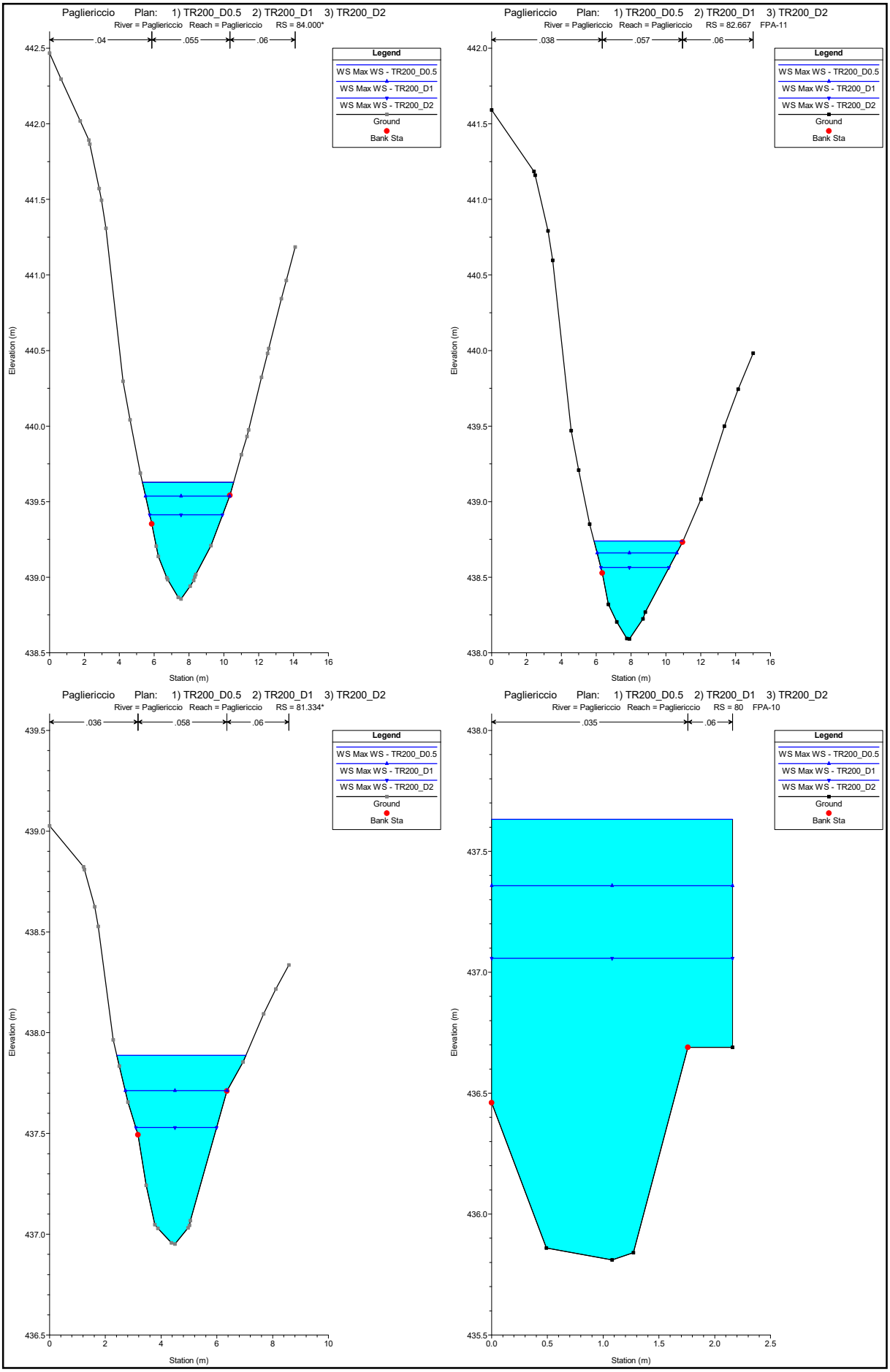
DURATE DI PIOGGIA: 0.5, 1 e 2 h

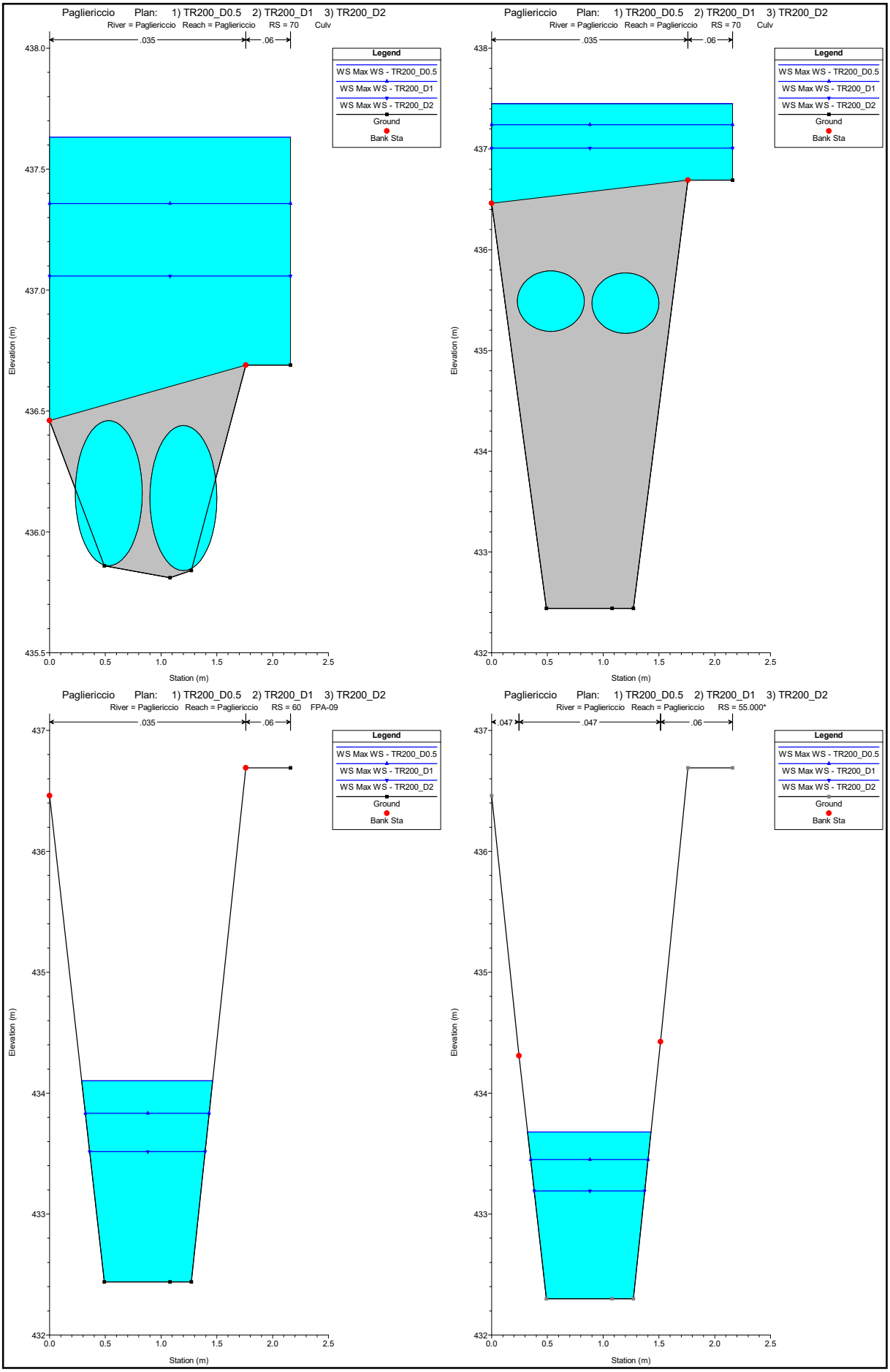
Sezioni Trasversali (da monte verso valle)

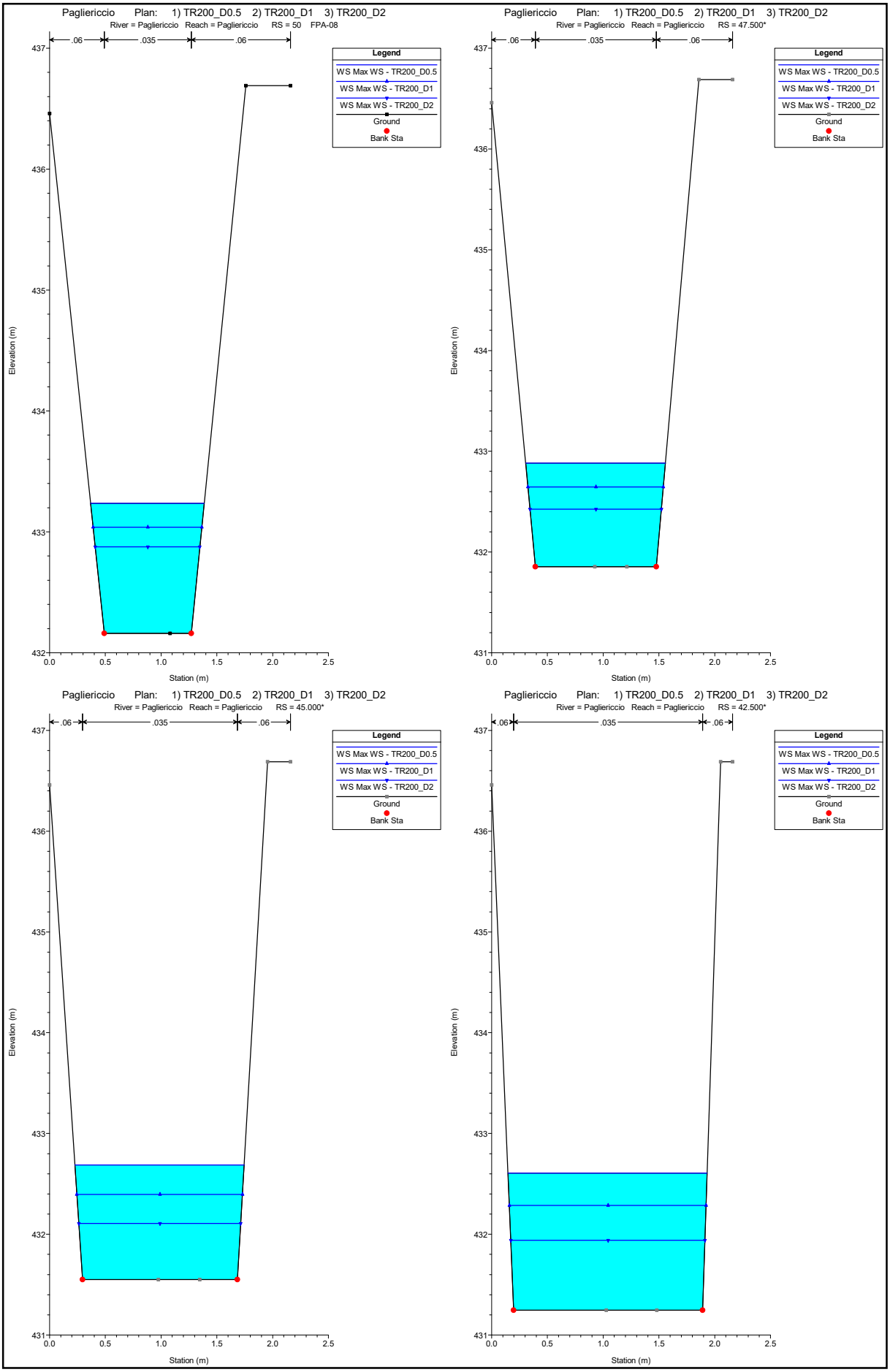

Paglericcio Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Paglericcio Reach = Paglericcio RS = 100 FPA-13
.06
.035
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Paglericcio Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Paglericcio Reach = Paglericcio RS = 98.667*
.058
.037
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Paglericcio Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Paglericcio Reach = Paglericcio RS = 97.333*
.057
.038
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Paglericcio Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Paglericcio Reach = Paglericcio RS = 96.000*
.055
.04
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

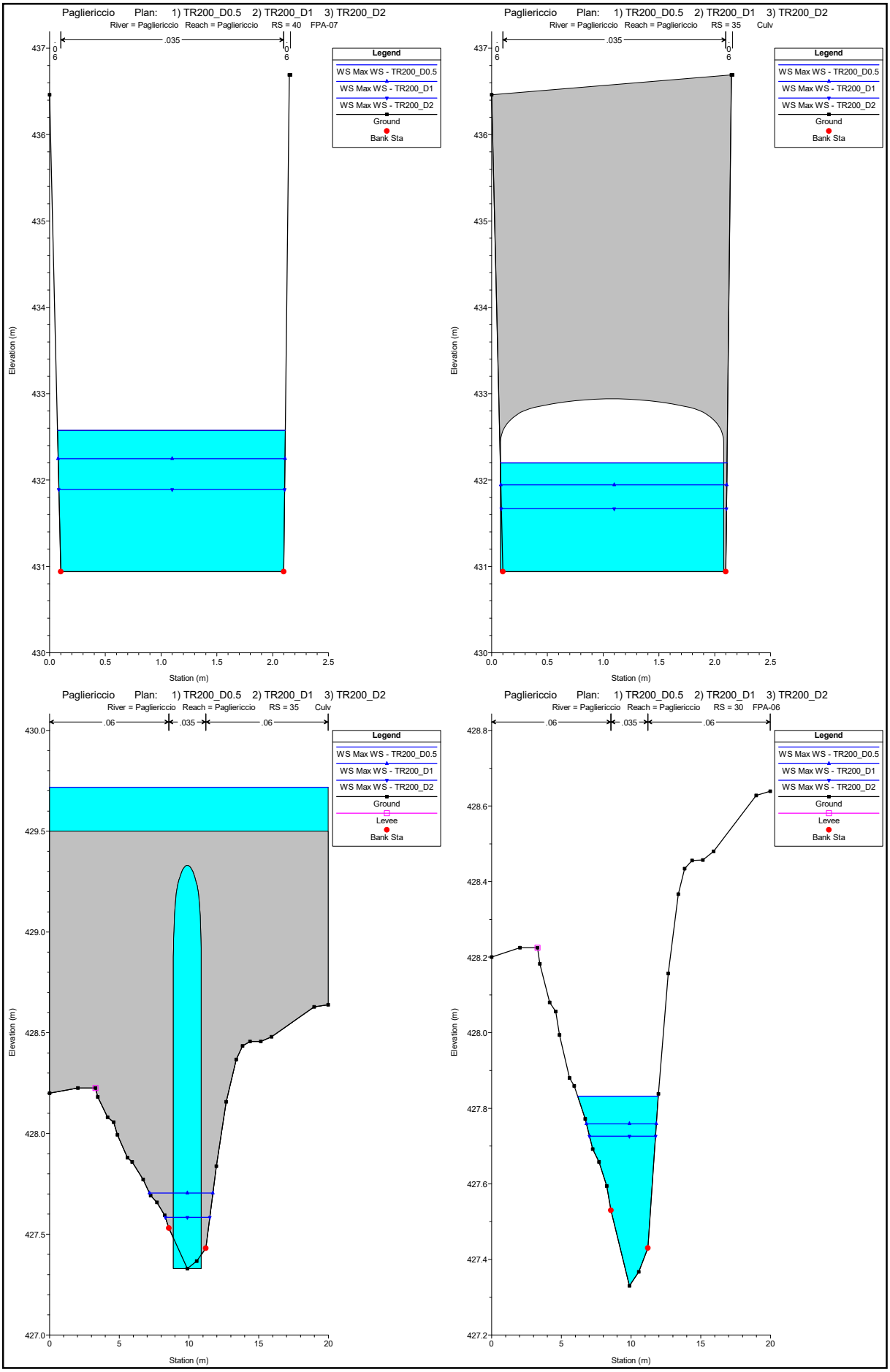

Paglericcio Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Paglericcio Reach = Paglericcio RS = 94.667*
.053
.042
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Paglericcio Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Paglericcio Reach = Paglericcio RS = 93.333*
.052
.043
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Paglericcio Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Paglericcio Reach = Paglericcio RS = 92.000*
.05
.045
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Paglericcio Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Paglericcio Reach = Paglericcio RS = 90.666*
.049
.046
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

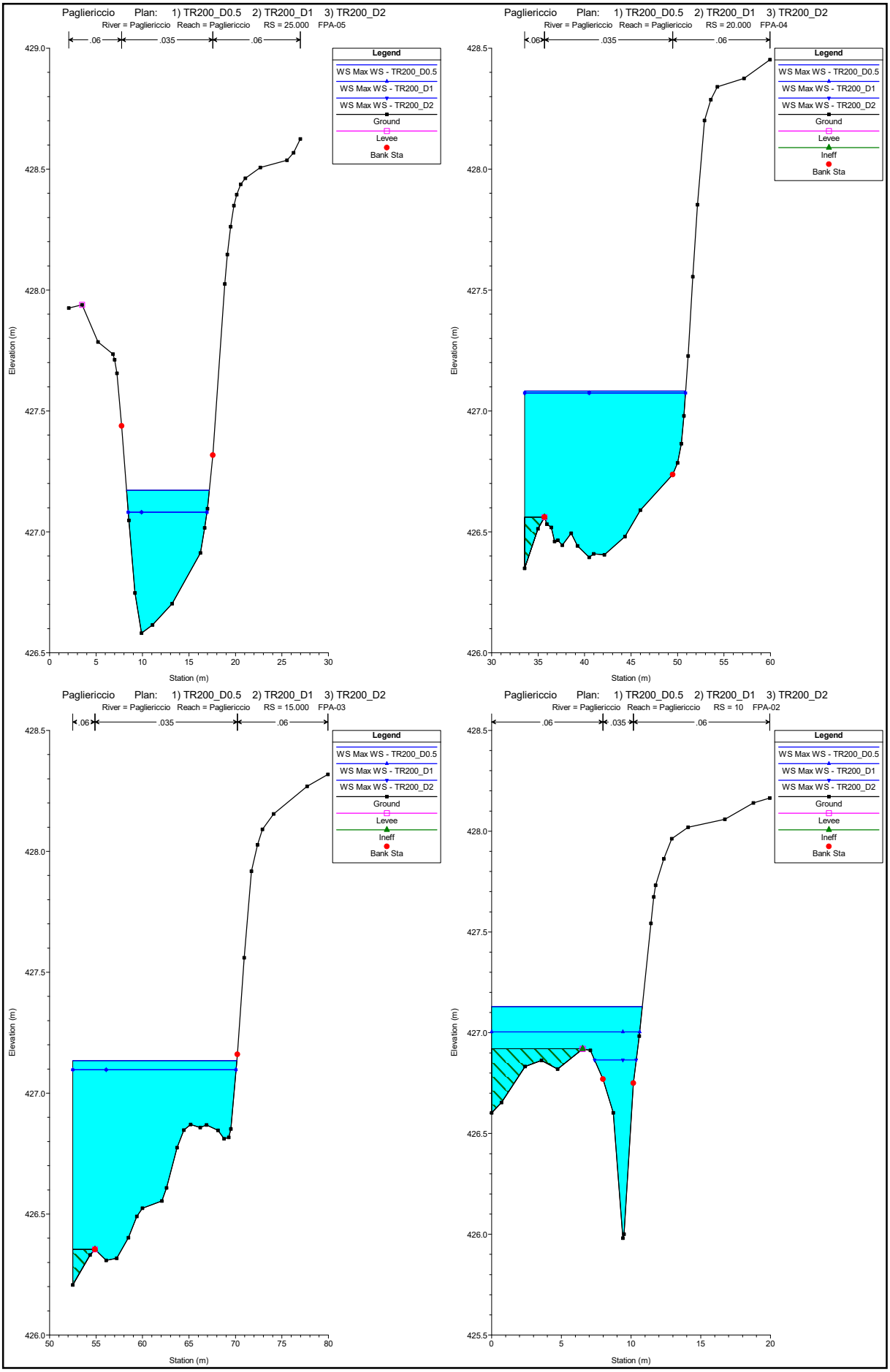

Paglericcio Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Paglericcio Reach = Paglericcio RS = 89.333 FPA-12
.047
.048
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Paglericcio Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Paglericcio Reach = Paglericcio RS = 88.000*
.045
.05
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Paglericcio Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Paglericcio Reach = Paglericcio RS = 86.667*
.043
.052
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Paglericcio Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Paglericcio Reach = Paglericcio RS = 85.333*
.042
.053
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

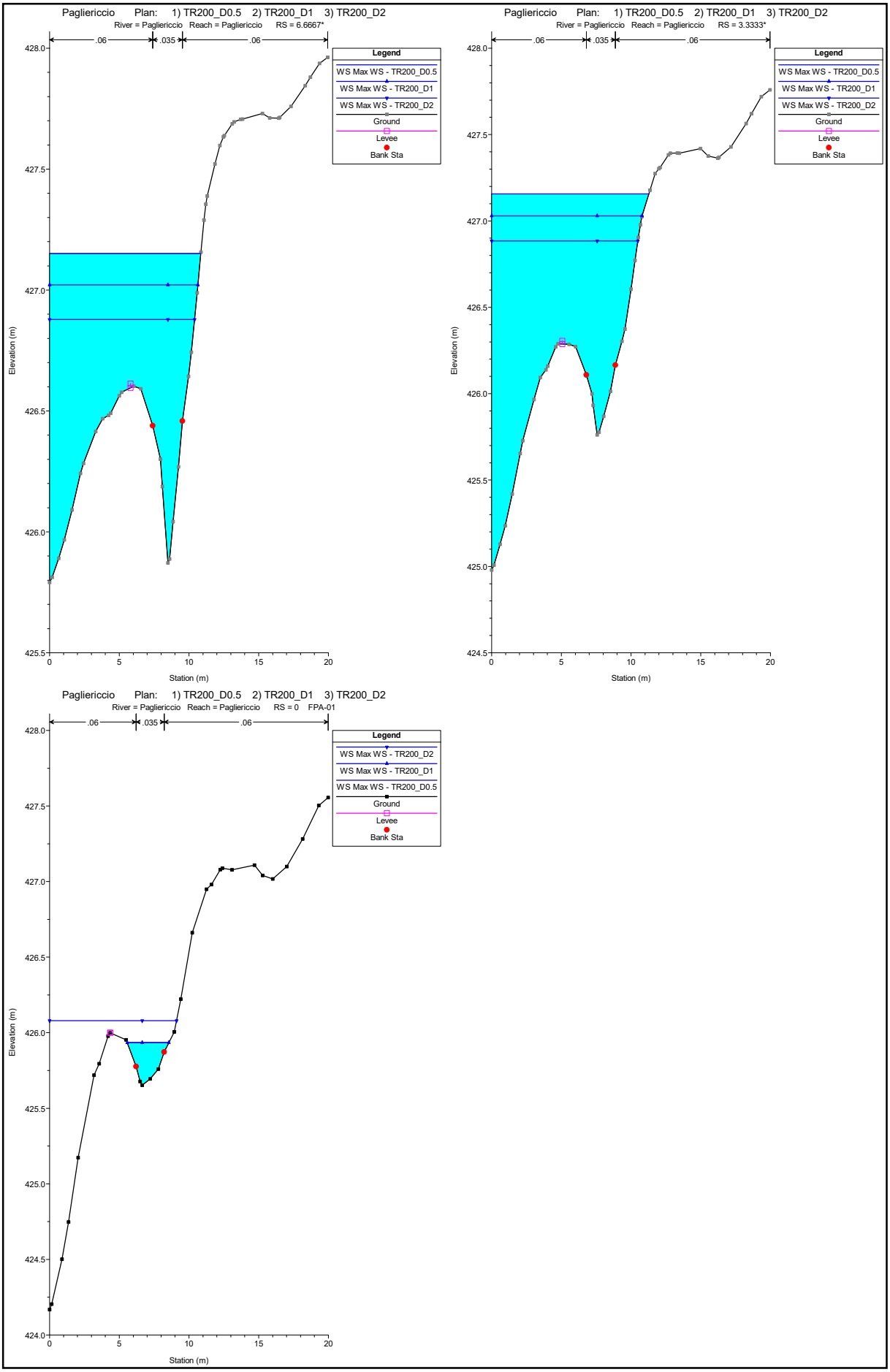

Paglericcio Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Paglericcio Reach = Paglericcio RS = 84.000*
.04
.055
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Paglericcio Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Paglericcio Reach = Paglericcio RS = 82.667 FPA-11
.038
.057
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Paglericcio Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Paglericcio Reach = Paglericcio RS = 81.334*
.036
.058
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Paglericcio Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Paglericcio Reach = Paglericcio RS = 80 FPA-10
.035
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Paglericcio Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Paglericcio Reach = Paglericcio RS = 70 Culv
.035
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Paglericcio Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Paglericcio Reach = Paglericcio RS = 70 Culv
.035
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Paglericcio Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Paglericcio Reach = Paglericcio RS = 60 FPA-09
.035
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Paglericcio Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Paglericcio Reach = Paglericcio RS = 55.000*
.047
.047
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Paglericcio Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Paglericcio Reach = Paglericcio RS = 50 FPA-08
.06
.035
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Paglericcio Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Paglericcio Reach = Paglericcio RS = 47.500*
Paglericcio Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Paglericcio Reach = Paglericcio RS = 45.000*
Paglericcio Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Paglericcio Reach = Paglericcio RS = 42.500*


Paglericcio Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Paglericcio Reach = Paglericcio RS = 40 FPA-07
.035
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Paglericcio Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Paglericcio Reach = Paglericcio RS = 35 Culv
.035
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Paglericcio Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Paglericcio Reach = Paglericcio RS = 35 Culv
.06
.035
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Paglericcio Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Paglericcio Reach = Paglericcio RS = 30 FPA-06
.06
.035
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)


Paglericcio Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Paglericcio Reach = Paglericcio RS = 25.000 FPA-05
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Paglericcio Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Paglericcio Reach = Paglericcio RS = 20.000 FPA-04
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Levee
Ineff
Bank Sta
Elevation (m)
Station (m)
Paglericcio Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Paglericcio Reach = Paglericcio RS = 15.000 FPA-03
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Levee
Ineff
Bank Sta
Elevation (m)
Station (m)
Paglericcio Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Paglericcio Reach = Paglericcio RS = 10 FPA-02
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Levee
Ineff
Bank Sta
Elevation (m)
Station (m)


Paglericcio Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Paglericcio Reach = Paglericcio RS = 6.6667*
.06
.035
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Paglericcio Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Paglericcio Reach = Paglericcio RS = 3.3333*
Paglericcio Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Paglericcio Reach = Paglericcio RS = 0 FPA-01

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "PAGLIERICCIO"

PAGLIERICCIO

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 0.5, 1 e 2 h

Dati idraulici

HEC-RAS River: Pagliericcio Reach: Pagliericcio Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Pagliericcio	100	Max WS	TR200_D0.5	8.80	456.19	456.61	457.14	459.92	0.342727	8.18	2.05	2.08	1.18	4.35	4.43
Pagliericcio	100	Max WS	TR200_D1	1.50	456.19	456.55	456.55	456.69	0.017349	1.66	0.38	0.41	0.97	3.97	0.97
Pagliericcio	100	Max WS	TR200_D2	1.50	456.19	456.55	456.55	456.69	0.017349	1.66	0.38	0.41	0.97	3.97	0.97
Pagliericcio	98.667*	Max WS	TR200_D0.5	8.80	454.40	454.84	455.38	458.21	0.397196	8.18	1.91	1.85	1.13	3.96	4.48
Pagliericcio	98.667*	Max WS	TR200_D1	6.30	454.40	454.78	455.22	457.44	0.407690	7.24	1.39	1.33	0.89	3.63	4.39
Pagliericcio	98.667*	Max WS	TR200_D2	3.90	454.40	454.71	455.04	456.55	0.412224	6.01	0.61	0.54	0.65	3.25	4.20
Pagliericcio	97.333*	Max WS	TR200_D0.5	8.80	452.62	453.10	453.63	455.97	0.334405	7.53	1.61	1.38	1.20	3.84	4.01
Pagliericcio	97.333*	Max WS	TR200_D1	6.30	452.62	453.04	453.46	455.21	0.322239	6.53	1.07	0.83	0.97	3.55	3.82
Pagliericcio	97.333*	Max WS	TR200_D2	3.90	452.62	452.96	453.28	454.50	0.332432	5.49			0.71	3.16	3.70
Pagliericcio	96.000*	Max WS	TR200_D0.5	8.80	450.83	451.33	451.86	454.28	0.406767	7.61	1.30	0.79	1.16	3.63	4.15
Pagliericcio	96.000*	Max WS	TR200_D1	6.30	450.83	451.26	451.70	453.63	0.427876	6.82	0.43		0.92	3.33	4.11
Pagliericcio	96.000*	Max WS	TR200_D2	3.90	450.83	451.17	451.51	453.01	0.448257	6.01			0.65	2.92	4.07
Pagliericcio	94.667*	Max WS	TR200_D0.5	8.80	449.05	449.60	450.09	451.92	0.317651	6.74	1.10	0.38	1.31	3.66	3.52
Pagliericcio	94.667*	Max WS	TR200_D1	6.30	449.05	449.53	449.93	451.33	0.310082	5.93	0.18		1.06	3.38	3.38
Pagliericcio	94.667*	Max WS	TR200_D2	3.90	449.05	449.44	449.74	450.73	0.288452	5.03			0.78	3.02	3.16
Pagliericcio	93.333*	Max WS	TR200_D0.5	8.79	447.27	447.80	448.32	450.55	0.441246	7.34			1.20	3.44	3.98
Pagliericcio	93.333*	Max WS	TR200_D1	6.30	447.27	447.72	448.16	450.04	0.456550	6.75			0.93	3.15	3.96
Pagliericcio	93.333*	Max WS	TR200_D2	3.90	447.27	447.63	447.96	449.45	0.484513	5.98			0.65	2.78	3.94
Pagliericcio	92.000*	Max WS	TR200_D0.5	8.79	445.49	446.10	446.55	447.94	0.267376	6.01	0.32		1.46	3.63	3.01
Pagliericcio	92.000*	Max WS	TR200_D1	6.30	445.49	446.02	446.38	447.49	0.258102	5.37			1.17	3.35	2.90
Pagliericcio	92.000*	Max WS	TR200_D2	3.90	445.49	445.92	446.19	446.98	0.243152	4.57			0.85	3.00	2.74
Pagliericcio	90.666*	Max WS	TR200_D0.5	8.79	443.70	444.25	444.77	447.07	0.507075	7.43			1.18	3.32	3.97
Pagliericcio	90.666*	Max WS	TR200_D1	6.30	443.70	444.17	444.61	446.53	0.520986	6.80			0.93	3.05	3.94
Pagliericcio	90.666*	Max WS	TR200_D2	3.90	443.70	444.07	444.42	445.89	0.542785	5.97			0.65	2.73	3.90
Pagliericcio	89.333	Max WS	TR200_D0.5	8.79	441.92	442.66	442.99	443.83	0.160043	4.80			1.83	3.83	2.21
Pagliericcio	89.333	Max WS	TR200_D1	6.30	441.92	442.55	442.83	443.51	0.157172	4.33			1.45	3.52	2.15
Pagliericcio	89.333	Max WS	TR200_D2	3.90	441.92	442.43	442.65	443.14	0.153783	3.74			1.04	3.15	2.07
Pagliericcio	88.000*	Max WS	TR200_D0.5	8.79	441.15	441.88	442.21	442.99	0.163038	4.68	0.66		1.88	4.03	2.17
Pagliericcio	88.000*	Max WS	TR200_D1	6.30	441.15	441.78	442.04	442.68	0.164408	4.21			1.49	3.73	2.13
Pagliericcio	88.000*	Max WS	TR200_D2	3.90	441.15	441.66	441.86	442.34	0.164370	3.65			1.07	3.34	2.06
Pagliericcio	86.667*	Max WS	TR200_D0.5	8.79	440.39	441.12	441.42	442.11	0.151220	4.41	1.21		2.00	4.32	2.03
Pagliericcio	86.667*	Max WS	TR200_D1	6.30	440.39	441.03	441.27	441.81	0.148628	3.91	0.39		1.61	4.01	1.96
Pagliericcio	86.667*	Max WS	TR200_D2	3.90	440.39	440.91	441.08	441.48	0.143742	3.34			1.17	3.59	1.87
Pagliericcio	85.333*	Max WS	TR200_D0.5	8.79	439.62	440.32	440.64	441.37	0.179443	4.55	1.58		1.94	4.53	2.16
Pagliericcio	85.333*	Max WS	TR200_D1	6.30	439.62	440.23	440.48	441.08	0.180436	4.08	0.80		1.55	4.14	2.11
Pagliericcio	85.333*	Max WS	TR200_D2	3.90	439.62	440.12	440.31	440.76	0.185336	3.54			1.10	3.67	2.06
Pagliericcio	84.000*	Max WS	TR200_D0.5	8.79	438.86	439.63	439.85	440.33	0.107785	3.74	2.02	0.63	2.39	5.23	1.66
Pagliericcio	84.000*	Max WS	TR200_D1	6.30	438.86	439.54	439.70	440.08	0.106460	3.28	1.54		1.94	4.83	1.60
Pagliericcio	84.000*	Max WS	TR200_D2	3.90	438.86	439.41	439.54	439.82	0.108564	2.84	0.73		1.38	4.17	1.56
Pagliericcio	82.667	Max WS	TR200_D0.5	8.79	438.09	438.74	439.06	439.89	0.270163	4.78	2.88	0.21	1.86	5.11	2.44
Pagliericcio	82.667	Max WS	TR200_D1	6.30	438.09	438.66	438.92	439.60	0.262919	4.29	2.09		1.48	4.58	2.35
Pagliericcio	82.667	Max WS	TR200_D2	3.90	438.09	438.56	438.77	439.25	0.251752	3.66	0.87		1.07	3.92	2.22
Pagliericcio	82.661			Lat Struct											
Pagliericcio	82.66			Lat Struct											
Pagliericcio	81.334*	Max WS	TR200_D0.5	8.79	436.95	437.89	438.11	438.61	0.092739	3.82	2.75	1.01	2.39	4.63	1.48
Pagliericcio	81.334*	Max WS	TR200_D1	6.30	436.95	437.71	437.95	438.45	0.138415	3.83	2.27		1.67	3.65	1.72
Pagliericcio	81.334*	Max WS	TR200_D2	3.90	436.95	437.53	437.75	438.21	0.187003	3.66	0.79		1.07	2.90	1.90
Pagliericcio	80	Max WS	TR200_D0.5	7.78	435.81	437.63		437.98	0.012783	2.67		0.81	3.17	2.16	0.68
Pagliericcio	80	Max WS	TR200_D1	5.79	435.81	437.36		437.65	0.012156	2.42		0.73	2.58	2.16	0.67
Pagliericcio	80	Max WS	TR200_D2	3.78	435.81	437.06		437.27	0.011115	2.07		0.58	1.93	2.16	0.66
Pagliericcio	70			Culvert											
Pagliericcio	60	Max WS	TR200_D0.5	7.78	432.44	434.10	434.38	435.27	0.097367	4.79			1.63	1.17	1.30
Pagliericcio	60	Max WS	TR200_D1	5.79	432.44	433.83	434.06	434.82	0.089899	4.39			1.32	1.11	1.29
Pagliericcio	60	Max WS	TR200_D2	3.78	432.44	433.52	433.69	434.28	0.079629	3.86			0.98	1.04	1.27
Pagliericcio	59.99			Lat Struct											
Pagliericcio	59.98			Lat Struct											
Pagliericcio	55.000*	Max WS	TR200_D0.5	8.09	432.30	433.68	434.29	435.65	0.326027	6.21			1.30	1.11	1.83
Pagliericcio	55.000*	Max WS	TR200_D1	5.92	432.30	433.45	433.95	435.06	0.293293	5.62			1.05	1.05	1.79
Pagliericcio	55.000*	Max WS	TR200_D2	3.79	432.30	433.19	433.55	434.37	0.247142	4.81			0.79	0.99	1.72
Pagliericcio	50	Max WS	TR200_D0.5	8.75	432.16	433.24	434.47	438.56	0.117351	10.28	0.88	0.85	0.97	1.02	3.16
Pagliericcio	50	Max WS	TR200_D1	6.29	432.16	433.04	434.02	437.20	0.120277	9.08	0.78	0.75	0.77	0.97	3.10
Pagliericcio	50	Max WS	TR200_D2	1.50	432.16	432.88	432.88	433.23	0.013544	2.66	0.23	0.22	0.62	0.94	1.00
Pagliericcio	47.500*	Max WS	TR200_D0.5	8.76	431.86	432.88	433.73	435.99	0.072500	7.83	0.56	0.53	1.20	1.25	2.47
Pagliericcio	47.500*	Max WS	TR200_D1	6.30	431.86	432.65	433.35	435.37	0.089952	7.32	0.52	0.49	0.91	1.21	2.63
Pagliericcio	47.500*	Max WS	TR200_D2	3.90	431.86	432.42	432.95	434.44	0.103110	6.30	0.45	0.42	0.64	1.18	2.67
Pagliericcio	45.000*	Max WS	TR200_D0.5	8.76	431.55	432.69	433.14	434.24	0.031595	5.53	0.31	0.28	1.65	1.52	1.66
Pagliericcio	45.000*	Max WS	TR200_D1	6.30	431.55	432.39	432.82	433.85	0.043952	5.35	0.30	0.28	1.21	1.49	1.86
Pagliericcio	45.000*	Max WS	TR200_D2	3.90	431.55	432.11	432.48	433.40	0.067523	5.03	0.28	0.26	0.79	1.45	2.15
Pagliericcio	42.500*	Max WS	TR200_D0.5	8.76	431.25	432.61	432.64	433.34	0.011713	3.80	0.16	0.13	2.37	1.79	1.04
Pagliericcio	42.500*	Max WS	TR200_D1	6.30	431.25	432.29	432.36	432.94	0.014838	3.57	0.15	0.13	1.80	1.76	1.12
Pagliericcio	42.500*	Max WS	TR200_D2	3.90	431.25	431.94	432.06	432.50	0.021743	3.31	0.14	0.12	1.20	1.74	1.27
Pagliericcio	40	Max WS	TR200_D0.5	8.76	430.94	432.58		432.94	0.004558	2.68	0.07	0.04	3.31	2.04	0.67
Pagliericcio	40	Max WS	TR200_D1	6.30	430.94	432.25		432.54	0.004963	2.41	0.06	0.04	2.64	2.04	0.67
Pagliericcio	40	Max WS	TR200_D2	3.90	430.94	431.89		432.10	0.005528	2.05	0.05	0.03	1.91	2.03	0.67
Pagliericcio	35			Culvert											
Pagliericcio	30	Max WS	TR200_D0.5	8.76	427.33	427.83	428.33	429.98	0.178889	6.85	1.90	2.22	1.62	5.78	3.34

HEC-RAS River: Pagliericcio Reach: Pagliericcio Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Pagliericcio	30	Max WS	TR200_D1	6.30	427.33	427.76	428.14	429.54	0.184120	6.15	1.60	1.97	1.23	5.02	3.28
Pagliericcio	30	Max WS	TR200_D2	1.50	427.33	427.73	427.73	427.86	0.014959	1.64	0.40	0.52	1.07	4.73	0.92
Pagliericcio	29.99			Lat Struct											
Pagliericcio	29.98			Lat Struct											
Pagliericcio	25.000	Max WS	TR200_D0.5	8.75	426.58	427.17	427.24	427.48	0.025471	2.45			3.57	8.92	1.24
Pagliericcio	25.000	Max WS	TR200_D1	1.34	426.58	427.08		427.09	0.001289	0.48			2.78	8.49	0.27
Pagliericcio	25.000	Max WS	TR200_D2	1.34	426.58	427.08		427.09	0.001289	0.48			2.78	8.49	0.27
Pagliericcio	20.000	Max WS	TR200_D0.5	8.26	426.40	427.08		427.13	0.002484	0.98	0.44	0.31	9.29	17.33	0.41
Pagliericcio	20.000	Max WS	TR200_D1	1.50	426.40	427.07		427.08	0.000086	0.18	0.08	0.06	9.16	17.31	0.08
Pagliericcio	20.000	Max WS	TR200_D2	1.50	426.40	427.07		427.08	0.000086	0.18	0.08	0.06	9.16	17.31	0.08
Pagliericcio	15.000	Max WS	TR200_D0.5	4.50	426.31	427.13		427.15	0.000803	0.51	0.32		9.53	17.66	0.23
Pagliericcio	15.000	Max WS	TR200_D1	-0.31	426.31	427.10		427.10	0.000005	-0.04	-0.02		8.87	17.57	0.02
Pagliericcio	15.000	Max WS	TR200_D2	-0.31	426.31	427.10		427.10	0.000005	-0.04	-0.02		8.87	17.57	0.02
Pagliericcio	10	Max WS	TR200_D0.5	2.10	425.98	427.13		427.17	0.002817	1.01	0.31	0.27	3.39	10.80	0.39
Pagliericcio	10	Max WS	TR200_D1	1.46	425.98	427.00		427.05	0.003928	1.04	0.21	0.24	2.04	10.62	0.44
Pagliericcio	10	Max WS	TR200_D2	0.85	425.98	426.87		426.91	0.004269	0.90	0.14	0.15	0.97	3.00	0.44
Pagliericcio	6.6667*	Max WS	TR200_D0.5	1.61	425.87	427.15		427.15	0.000147	0.31	0.16	0.10	8.55	10.85	0.10
Pagliericcio	6.6667*	Max WS	TR200_D1	1.19	425.87	427.02		427.02	0.000138	0.27	0.14	0.08	7.16	10.64	0.09
Pagliericcio	6.6667*	Max WS	TR200_D2	0.78	425.87	426.88		426.88	0.000121	0.22	0.11	0.06	5.65	10.40	0.09
Pagliericcio	3.3333*	Max WS	TR200_D0.5	0.41	425.76	427.16		427.16	0.000003	0.05	0.03	0.02	12.47	11.27	0.02
Pagliericcio	3.3333*	Max WS	TR200_D1	0.27	425.76	427.03		427.03	0.000002	0.04	0.02	0.01	11.07	10.79	0.01
Pagliericcio	3.3333*	Max WS	TR200_D2	0.02	425.76	426.88		426.88	0.000000	0.00	0.00	0.00	9.53	10.49	0.00
Pagliericcio	0	Max WS	TR200_D0.5	1.50	425.65	425.93	426.00	426.51	0.119007	3.42	1.04	0.56	0.48	2.99	2.39
Pagliericcio	0	Max WS	TR200_D1	1.50	425.65	425.93	426.00	426.51	0.119007	3.42	1.04	0.56	0.48	2.99	2.39
Pagliericcio	0	Max WS	TR200_D2	0.44	425.65	426.08	425.90	426.08	0.000063	0.11	0.08	0.03	5.08	9.11	0.06

ALLEGATI

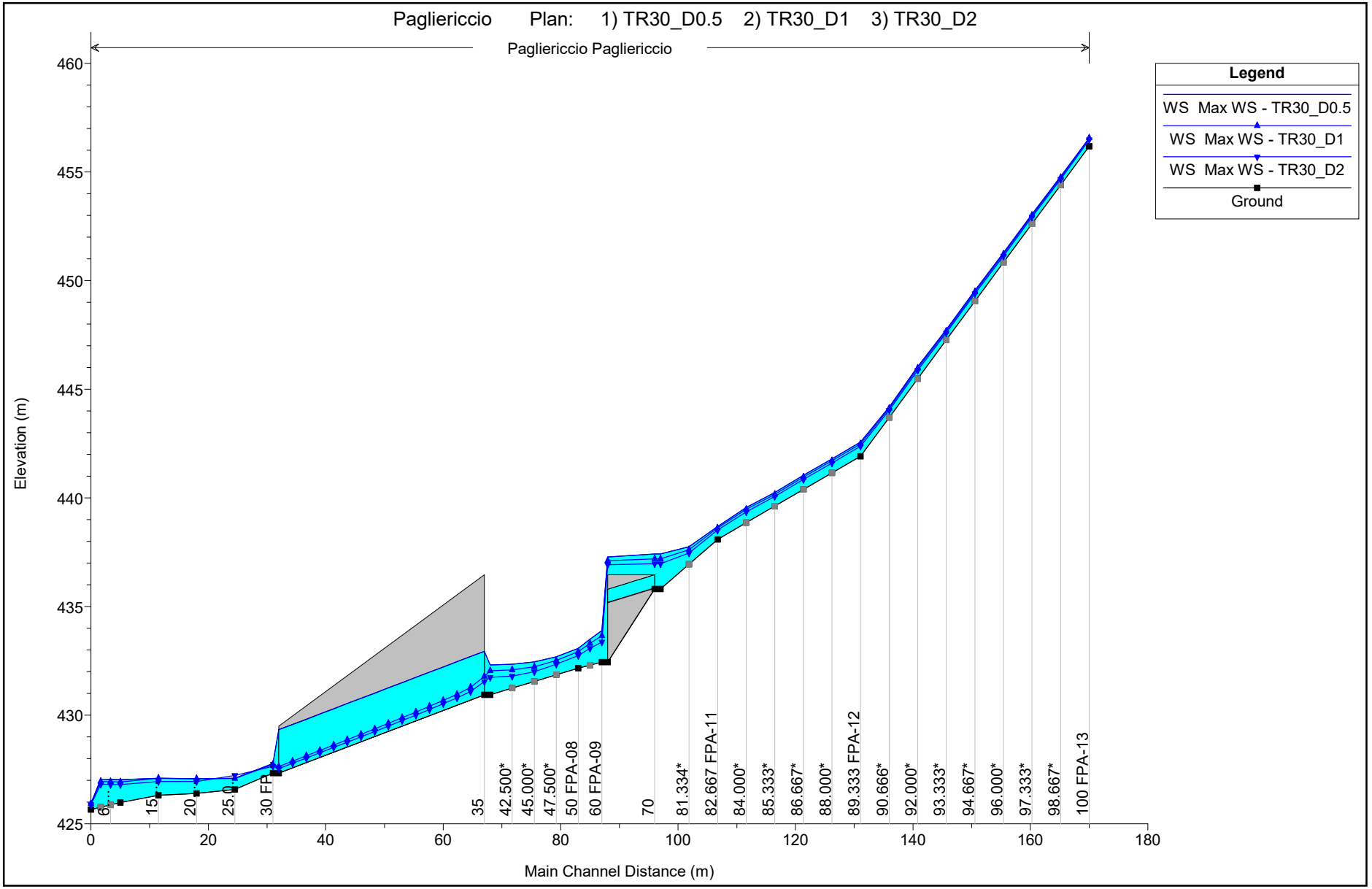
MODELLAZIONE HEC-RAS 5.0.7 "PAGLIERICCIO"

PAGLIERICCIO

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 0.5, 1 e 2 h

Profilo longitudinale


Paglericcio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
Paglericcio Paglericcio
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Elevation (m)
Main Channel Distance (m)
460
455
450
445
440
435
430
425
0
20
40
60
80
100
120
140
160
180
6...
15...
20...
25.0
30 FP
35
42.500*
45.000*
47.500*
50 FPA-08
60 FPA-09
70
81.334*
82.667 FPA-11
84.000*
85.333*
86.667*
88.000*
89.333 FPA-12
90.666*
92.000*
93.333*
94.667*
96.000*
97.333*
98.667*
100 FPA-13

ALLEGATI

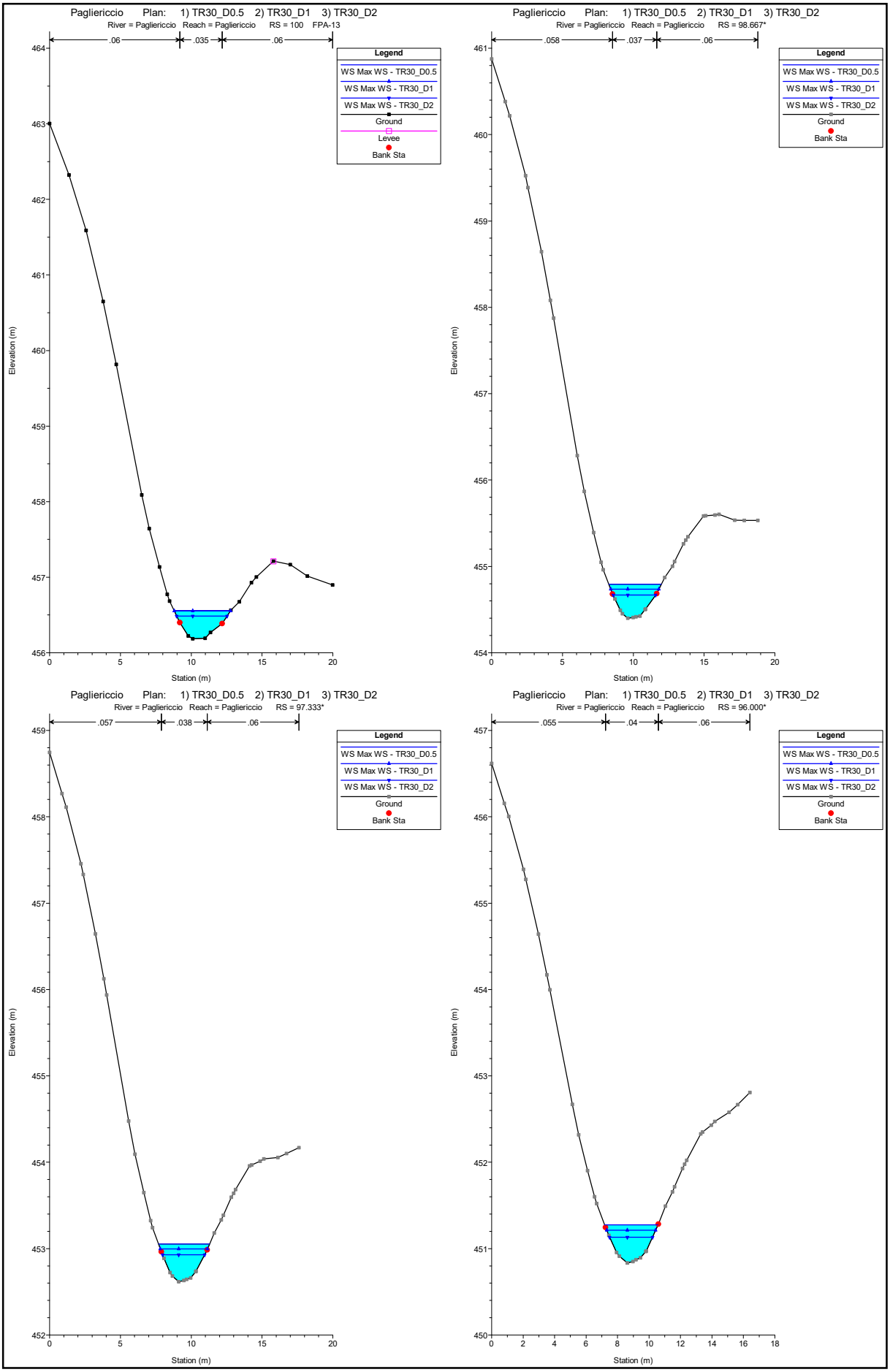
MODELLAZIONE HEC-RAS 5.0.7 "PAGLIERICCIO"

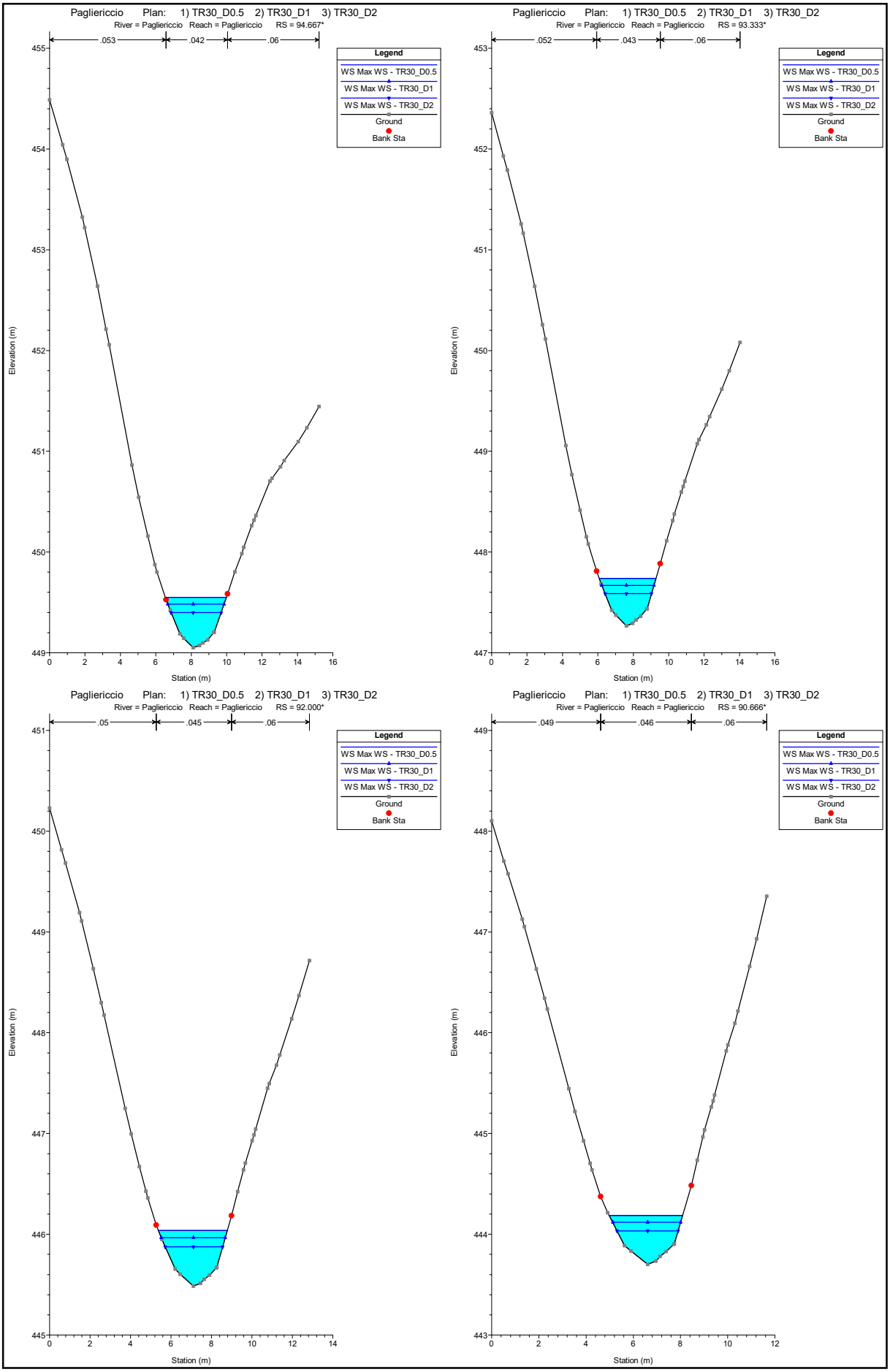
PAGLIERICCIO

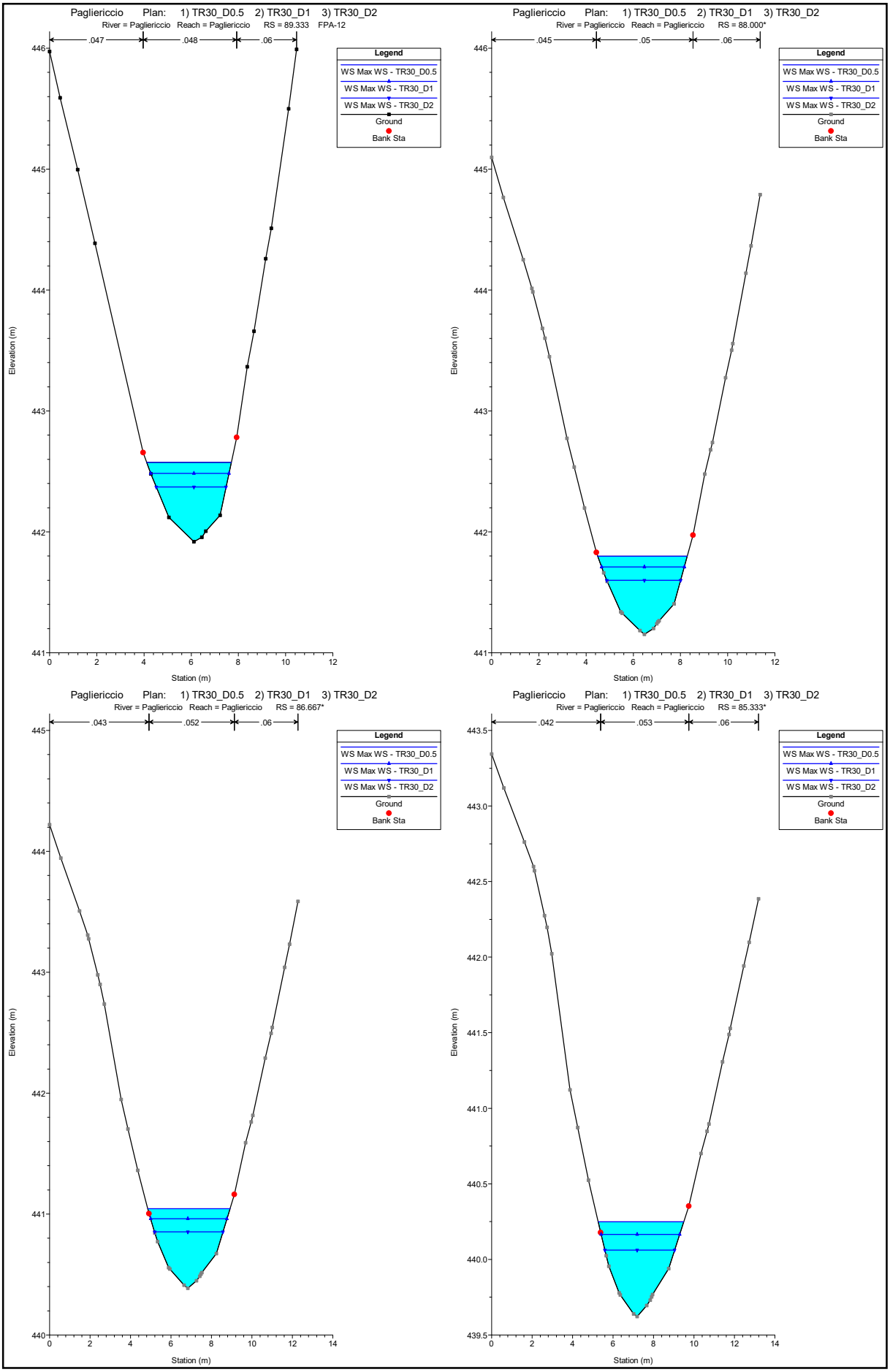
MODELLAZIONE PER TR= 30 anni

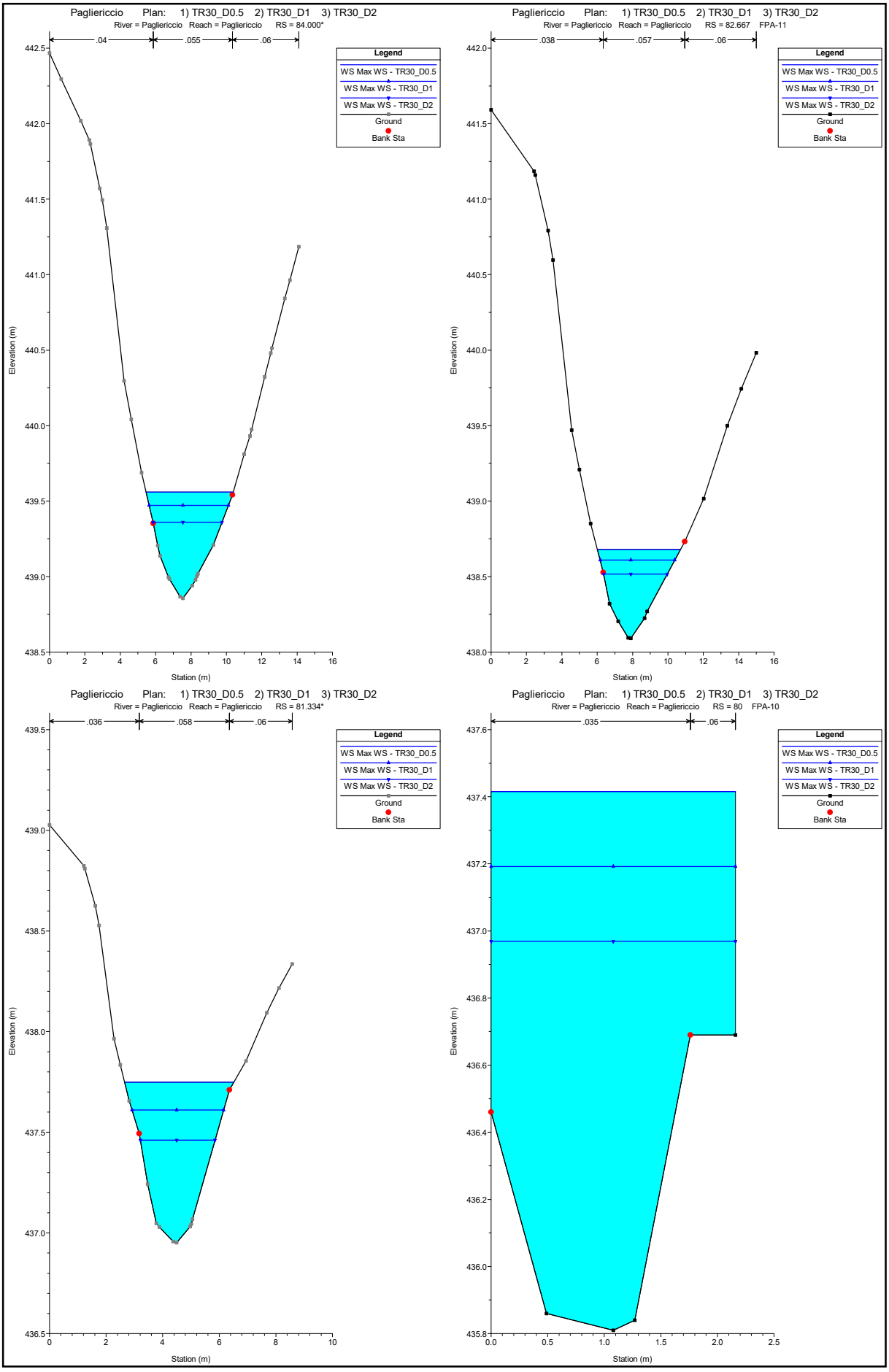
DURATE DI PIOGGIA: 0.5, 1 e 2 h

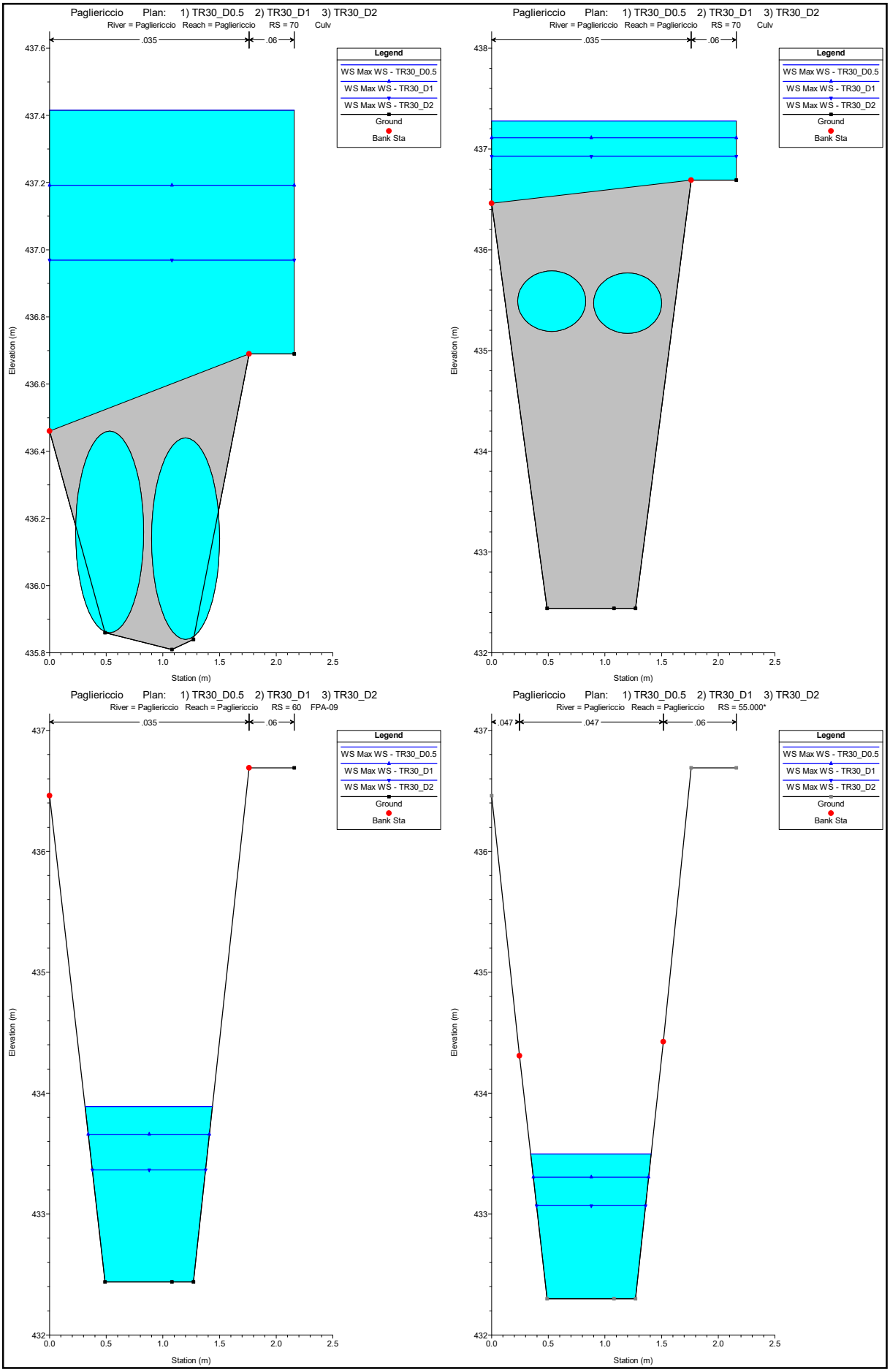
Sezioni Trasversali (da monte verso valle)

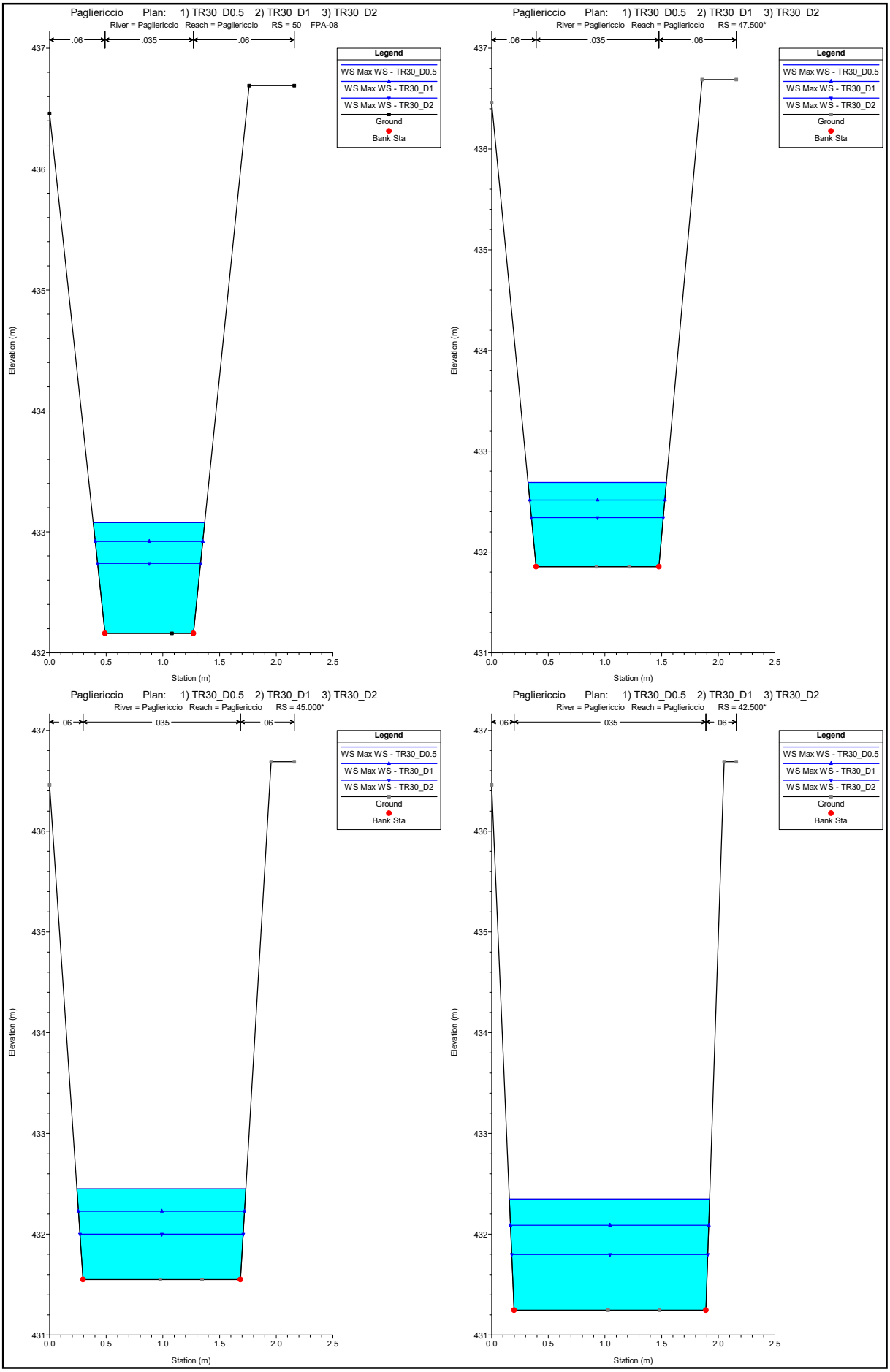

Paglericcio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Paglericcio Reach = Paglericcio RS = 100 FPA-13
.06
.035
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Paglericcio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Paglericcio Reach = Paglericcio RS = 98.667*
.058
.037
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Paglericcio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Paglericcio Reach = Paglericcio RS = 97.333*
.057
.038
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Paglericcio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Paglericcio Reach = Paglericcio RS = 96.000*
.055
.04
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

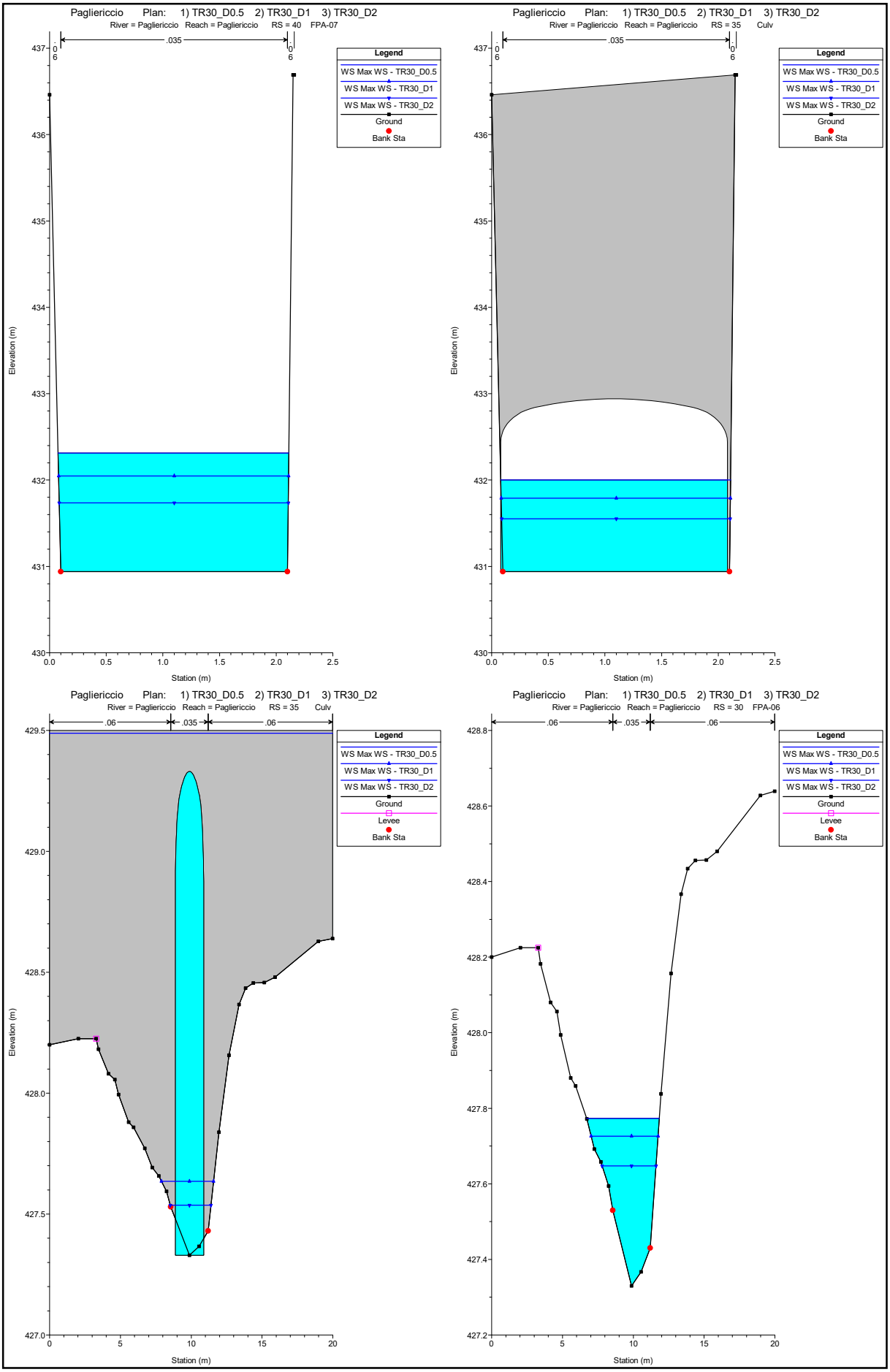

Paglericcio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Paglericcio Reach = Paglericcio RS = 94.667*
.053
.042
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Paglericcio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Paglericcio Reach = Paglericcio RS = 93.333*
.052
.043
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Paglericcio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Paglericcio Reach = Paglericcio RS = 92.000*
.05
.045
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Paglericcio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Paglericcio Reach = Paglericcio RS = 90.666*
.049
.046
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

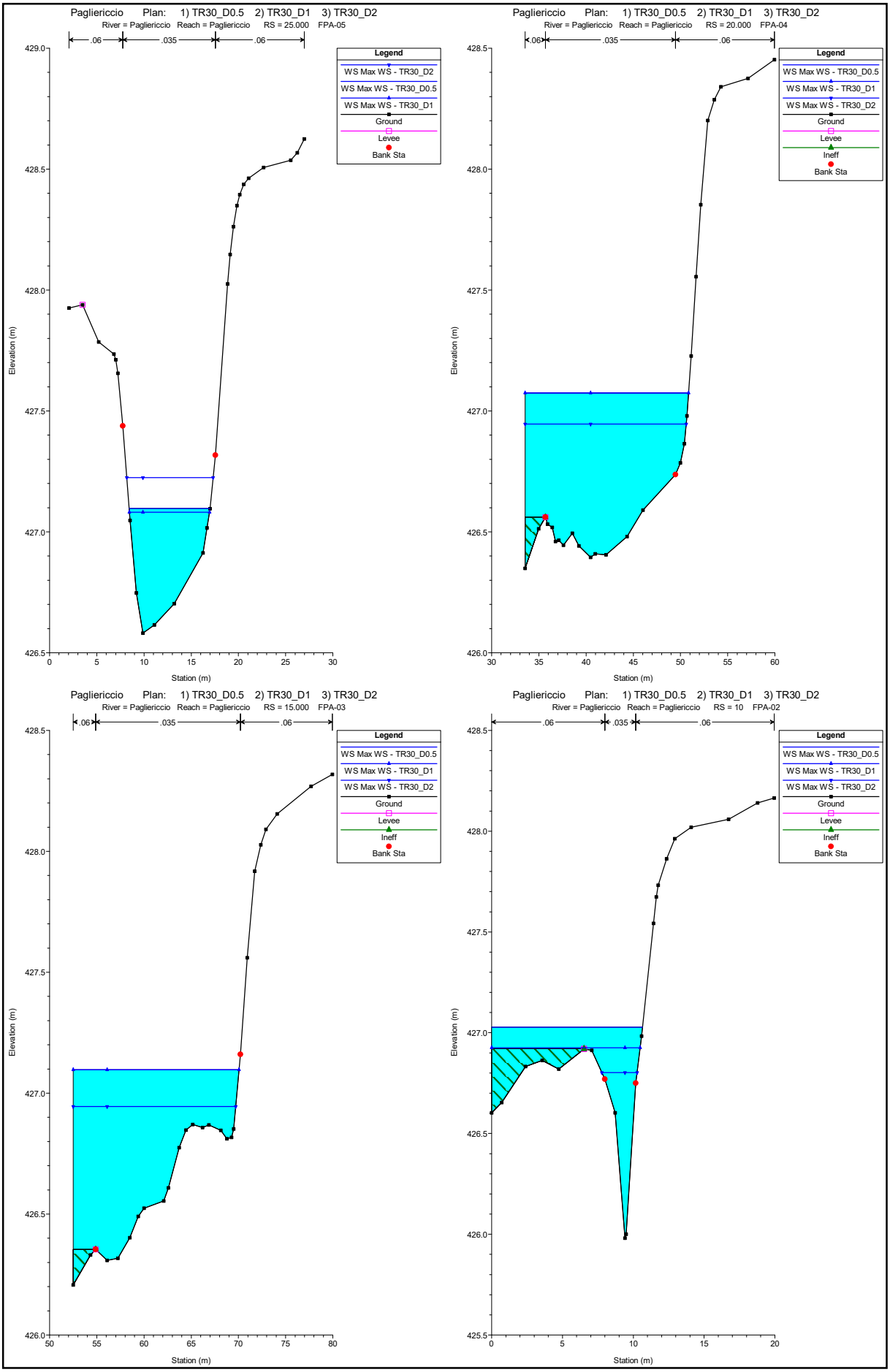

Paglericcio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Paglericcio Reach = Paglericcio RS = 89.333 FPA-12
.047
.048
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Paglericcio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Paglericcio Reach = Paglericcio RS = 88.000*
.045
.05
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Paglericcio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Paglericcio Reach = Paglericcio RS = 86.667*
.043
.052
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Paglericcio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Paglericcio Reach = Paglericcio RS = 85.333*
.042
.053
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

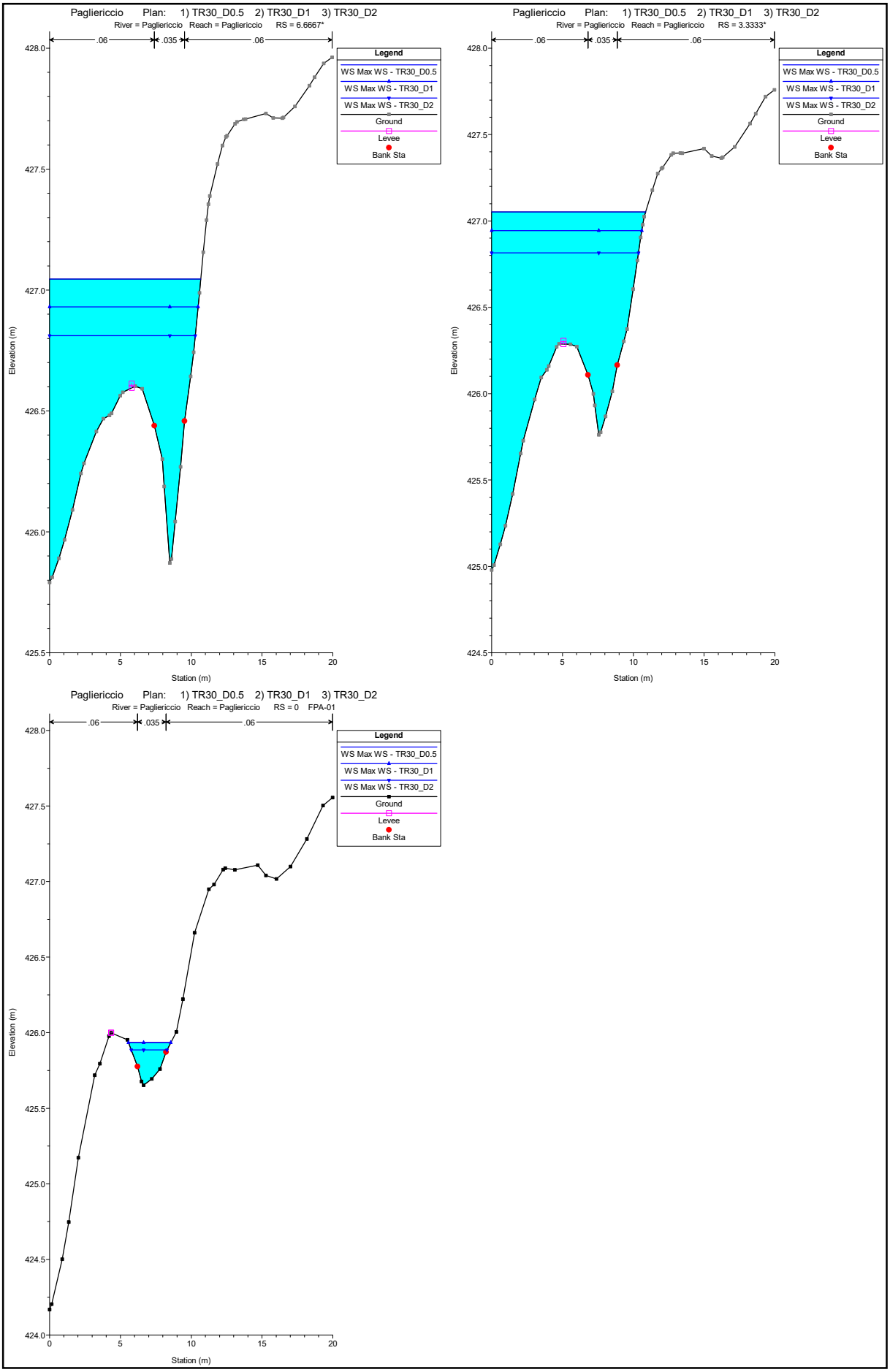

Paglericcio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Paglericcio Reach = Paglericcio RS = 84.000*
.04
.055
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Paglericcio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Paglericcio Reach = Paglericcio RS = 82.667 FPA-11
.038
.057
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Paglericcio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Paglericcio Reach = Paglericcio RS = 81.334*
.036
.058
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Paglericcio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Paglericcio Reach = Paglericcio RS = 80 FPA-10
.035
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Paglericcio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Paglericcio Reach = Paglericcio RS = 70 Culv
.035
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Paglericcio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Paglericcio Reach = Paglericcio RS = 70 Culv
.035
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Paglericcio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Paglericcio Reach = Paglericcio RS = 60 FPA-09
.035
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Paglericcio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Paglericcio Reach = Paglericcio RS = 55.000*
.047
.047
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Paglericcio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Paglericcio Reach = Paglericcio RS = 50 FPA-08
.06
.035
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Paglericcio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Paglericcio Reach = Paglericcio RS = 47.500*
Paglericcio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Paglericcio Reach = Paglericcio RS = 45.000*
Paglericcio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Paglericcio Reach = Paglericcio RS = 42.500*


Paglericcio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Paglericcio Reach = Paglericcio RS = 40 FPA-07
.035
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Paglericcio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Paglericcio Reach = Paglericcio RS = 35 Culv
.035
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Paglericcio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Paglericcio Reach = Paglericcio RS = 35 Culv
.06
.035
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Paglericcio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Paglericcio Reach = Paglericcio RS = 30 FPA-06
.06
.035
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)


Paglericcio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Paglericcio Reach = Paglericcio RS = 25.000 FPA-05
.06 .035 .06
Legend
WS Max WS - TR30_D2
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Paglericcio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Paglericcio Reach = Paglericcio RS = 20.000 FPA-04
.06 .035 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Levee
Ineff
Bank Sta
Elevation (m)
Station (m)
Paglericcio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Paglericcio Reach = Paglericcio RS = 15.000 FPA-03
.06 .035 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Levee
Ineff
Bank Sta
Elevation (m)
Station (m)
Paglericcio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Paglericcio Reach = Paglericcio RS = 10 FPA-02
.06 .035 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Levee
Ineff
Bank Sta
Elevation (m)
Station (m)


Paglericcio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Paglericcio Reach = Paglericcio RS = 6.6667*
.06
.035
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Paglericcio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Paglericcio Reach = Paglericcio RS = 3.3333*
Paglericcio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Paglericcio Reach = Paglericcio RS = 0 FPA-01

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "PAGLIERICCIO"

PAGLIERICCIO

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 0.5, 1 e 2 h

Dati idraulici

HEC-RAS River: Pagliericcio Reach: Pagliericcio Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Pagliericcio	100	Max WS	TR30_D0.5	6.80	456.19	456.56	457.01	459.31	0.345066	7.43	1.72	1.85	0.98	3.99	4.34
Pagliericcio	100	Max WS	TR30_D1	1.50	456.19	456.55	456.55	456.69	0.017349	1.66	0.38	0.41	0.97	3.97	0.97
Pagliericcio	100	Max WS	TR30_D2	1.00	456.19	456.49	456.49	456.59	0.018800	1.45	0.27	0.30	0.71	3.57	0.97
Pagliericcio	98.667*	Max WS	TR30_D0.5	6.80	454.40	454.79	455.26	457.58	0.400269	7.42	1.51	1.45	0.94	3.70	4.38
Pagliericcio	98.667*	Max WS	TR30_D1	4.90	454.40	454.74	455.13	456.97	0.422347	6.63	0.98	0.92	0.75	3.41	4.35
Pagliericcio	98.667*	Max WS	TR30_D2	3.00	454.40	454.67	454.96	456.35	0.480433	5.75			0.52	3.00	4.41
Pagliericcio	97.333*	Max WS	TR30_D0.5	6.80	452.62	453.05	453.50	455.39	0.329926	6.77	1.19	0.95	1.02	3.61	3.89
Pagliericcio	97.333*	Max WS	TR30_D1	4.90	452.62	453.00	453.36	454.82	0.335284	5.98	0.62	0.29	0.82	3.34	3.79
Pagliericcio	97.333*	Max WS	TR30_D2	3.00	452.62	452.93	453.19	454.16	0.299328	4.91			0.61	2.98	3.46
Pagliericcio	96.000*	Max WS	TR30_D0.5	6.80	450.83	451.27	451.73	453.77	0.428800	7.00	0.66		0.97	3.39	4.14
Pagliericcio	96.000*	Max WS	TR30_D1	4.90	450.83	451.21	451.59	453.27	0.435160	6.35			0.77	3.11	4.07
Pagliericcio	96.000*	Max WS	TR30_D2	3.00	450.83	451.13	451.42	452.72	0.451071	5.57			0.54	2.73	4.01
Pagliericcio	94.667*	Max WS	TR30_D0.5	6.80	449.05	449.55	449.96	451.43	0.306629	6.07	0.48		1.12	3.45	3.38
Pagliericcio	94.667*	Max WS	TR30_D1	4.90	449.05	449.48	449.82	450.99	0.297936	5.43			0.90	3.18	3.26
Pagliericcio	94.667*	Max WS	TR30_D2	3.00	449.05	449.40	449.65	450.49	0.281831	4.61			0.65	2.83	3.08
Pagliericcio	93.333*	Max WS	TR30_D0.5	6.79	447.27	447.74	448.19	450.16	0.454148	6.89			0.99	3.21	3.97
Pagliericcio	93.333*	Max WS	TR30_D1	4.90	447.27	447.67	448.05	449.70	0.466019	6.31			0.78	2.95	3.93
Pagliericcio	93.333*	Max WS	TR30_D2	3.00	447.27	447.59	447.88	449.13	0.477608	5.50			0.55	2.63	3.85
Pagliericcio	92.000*	Max WS	TR30_D0.5	6.79	445.49	446.04	446.42	447.59	0.260524	5.51			1.23	3.41	2.93
Pagliericcio	92.000*	Max WS	TR30_D1	4.90	445.49	445.97	446.27	447.20	0.247313	4.91			1.00	3.17	2.80
Pagliericcio	92.000*	Max WS	TR30_D2	3.00	445.49	445.88	446.11	446.75	0.231182	4.15			0.72	2.84	2.63
Pagliericcio	90.666*	Max WS	TR30_D0.5	6.79	443.70	444.19	444.64	446.64	0.515620	6.93			0.98	3.11	3.94
Pagliericcio	90.666*	Max WS	TR30_D1	4.90	443.70	444.12	444.50	446.15	0.521430	6.32			0.78	2.88	3.88
Pagliericcio	90.666*	Max WS	TR30_D2	3.00	443.70	444.03	444.34	445.60	0.551931	5.54			0.54	2.58	3.86
Pagliericcio	89.333	Max WS	TR30_D0.5	6.79	441.92	442.57	442.87	443.58	0.158419	4.44			1.53	3.59	2.17
Pagliericcio	89.333	Max WS	TR30_D1	4.90	441.92	442.48	442.73	443.31	0.157980	4.03			1.22	3.32	2.13
Pagliericcio	89.333	Max WS	TR30_D2	3.00	441.92	442.37	442.56	442.99	0.155740	3.47			0.86	2.96	2.05
Pagliericcio	88.000*	Max WS	TR30_D0.5	6.79	441.15	441.80	442.08	442.75	0.165350	4.32			1.57	3.80	2.14
Pagliericcio	88.000*	Max WS	TR30_D1	4.90	441.15	441.71	441.95	442.50	0.165951	3.93			1.25	3.51	2.10
Pagliericcio	88.000*	Max WS	TR30_D2	3.00	441.15	441.60	441.78	442.20	0.170652	3.42			0.88	3.13	2.06
Pagliericcio	86.667*	Max WS	TR30_D0.5	6.79	440.39	441.04	441.29	441.87	0.150573	4.03	0.60		1.69	4.07	1.98
Pagliericcio	86.667*	Max WS	TR30_D1	4.90	440.39	440.96	441.16	441.63	0.148214	3.61			1.36	3.77	1.92
Pagliericcio	86.667*	Max WS	TR30_D2	3.00	440.39	440.85	441.00	441.34	0.145685	3.10			0.97	3.38	1.85
Pagliericcio	85.333*	Max WS	TR30_D0.5	6.79	439.62	440.25	440.51	441.14	0.180579	4.19	0.99		1.63	4.22	2.13
Pagliericcio	85.333*	Max WS	TR30_D1	4.90	439.62	440.17	440.39	440.90	0.187671	3.81			1.29	3.88	2.11
Pagliericcio	85.333*	Max WS	TR30_D2	3.00	439.62	440.06	440.23	440.62	0.189225	3.30			0.91	3.45	2.05
Pagliericcio	84.000*	Max WS	TR30_D0.5	6.79	438.86	439.56	439.74	440.13	0.104210	3.35	1.65	0.22	2.05	4.93	1.60
Pagliericcio	84.000*	Max WS	TR30_D1	4.90	438.86	439.47	439.61	439.93	0.104837	3.02	1.14		1.63	4.48	1.56
Pagliericcio	84.000*	Max WS	TR30_D2	3.00	438.86	439.36	439.46	439.70	0.105376	2.58	0.17		1.16	3.90	1.50
Pagliericcio	82.667	Max WS	TR30_D0.5	6.79	438.09	438.68	438.95	439.65	0.261779	4.38	2.27		1.56	4.70	2.36
Pagliericcio	82.667	Max WS	TR30_D1	4.90	438.09	438.61	438.84	439.40	0.253590	3.94	1.48		1.25	4.22	2.27
Pagliericcio	82.667	Max WS	TR30_D2	3.00	438.09	438.52	438.69	439.10	0.249362	3.37			0.89	3.60	2.17
Pagliericcio	82.661			Lat Struct											
Pagliericcio	82.66			Lat Struct											
Pagliericcio	81.334*	Max WS	TR30_D0.5	6.79	436.95	437.75	437.99	438.48	0.126073	3.82	2.41	0.41	1.80	3.86	1.66
Pagliericcio	81.334*	Max WS	TR30_D1	4.90	436.95	437.61	437.84	438.33	0.163031	3.75	1.59		1.31	3.24	1.82
Pagliericcio	81.334*	Max WS	TR30_D2	3.00	436.95	437.46	437.65	438.06	0.193545	3.42			0.88	2.64	1.90
Pagliericcio	80	Max WS	TR30_D0.5	6.18	435.81	437.42		437.72	0.012265	2.47		0.75	2.70	2.16	0.67
Pagliericcio	80	Max WS	TR30_D1	4.64	435.81	437.19		437.44	0.011614	2.23		0.66	2.22	2.16	0.67
Pagliericcio	80	Max WS	TR30_D2	2.93	435.81	436.97		437.13	0.008840	1.77		0.47	1.74	2.16	0.59
Pagliericcio	70			Culvert											
Pagliericcio	60	Max WS	TR30_D0.5	6.18	432.44	433.89	434.13	434.91	0.091538	4.48			1.38	1.12	1.29
Pagliericcio	60	Max WS	TR30_D1	4.64	432.44	433.66	433.86	434.52	0.084655	4.12			1.13	1.07	1.28
Pagliericcio	60	Max WS	TR30_D2	2.93	432.44	433.37	433.50	434.01	0.073430	3.56			0.82	1.00	1.25
Pagliericcio	59.99			Lat Struct											
Pagliericcio	59.98			Lat Struct											
Pagliericcio	55.000*	Max WS	TR30_D0.5	6.35	432.30	433.50	434.02	435.18	0.300628	5.75			1.10	1.06	1.80
Pagliericcio	55.000*	Max WS	TR30_D1	4.69	432.30	433.31	433.73	434.68	0.268814	5.19			0.91	1.02	1.76
Pagliericcio	55.000*	Max WS	TR30_D2	2.94	432.30	433.07	433.36	434.05	0.222339	4.37			0.67	0.96	1.67
Pagliericcio	50	Max WS	TR30_D0.5	6.76	432.16	433.08	434.10	437.49	0.120253	9.35	0.80	0.78	0.81	0.98	3.12
Pagliericcio	50	Max WS	TR30_D1	4.89	432.16	432.92	433.73	436.30	0.117994	8.17	0.70	0.68	0.66	0.95	2.99
Pagliericcio	50	Max WS	TR30_D2	3.00	432.16	432.74	433.29	434.94	0.110483	6.60	0.57	0.55	0.49	0.91	2.77
Pagliericcio	47.500*	Max WS	TR30_D0.5	6.78	431.86	432.69	433.43	435.51	0.086469	7.45	0.53	0.50	0.96	1.22	2.60
Pagliericcio	47.500*	Max WS	TR30_D1	4.90	431.86	432.52	433.12	434.88	0.099038	6.82	0.48	0.46	0.75	1.19	2.68
Pagliericcio	47.500*	Max WS	TR30_D2	3.00	431.86	432.34	432.77	433.98	0.102665	5.67	0.40	0.38	0.55	1.16	2.59
Pagliericcio	45.000*	Max WS	TR30_D0.5	6.78	431.55	432.45	432.89	433.93	0.040901	5.39	0.30	0.28	1.30	1.49	1.81
Pagliericcio	45.000*	Max WS	TR30_D1	4.90	431.55	432.23	432.63	433.60	0.055716	5.20	0.29	0.27	0.97	1.47	2.02
Pagliericcio	45.000*	Max WS	TR30_D2	3.00	431.55	432.00	432.33	433.17	0.081263	4.79	0.27	0.25	0.64	1.44	2.28
Pagliericcio	42.500*	Max WS	TR30_D0.5	6.77	431.25	432.35	432.42	433.02	0.014080	3.62	0.15	0.13	1.91	1.77	1.10
Pagliericcio	42.500*	Max WS	TR30_D1	4.90	431.25	432.09	432.19	432.69	0.017995	3.42	0.14	0.12	1.45	1.75	1.19
Pagliericcio	42.500*	Max WS	TR30_D2	3.00	431.25	431.80	431.93	432.32	0.027522	3.20	0.13	0.11	0.95	1.73	1.37
Pagliericcio	40	Max WS	TR30_D0.5	6.77	430.94	432.31		432.62	0.004877	2.47	0.06	0.04	2.77	2.04	0.67
Pagliericcio	40	Max WS	TR30_D1	4.90	430.94	432.05		432.30	0.005249	2.21	0.06	0.03	2.23	2.03	0.67
Pagliericcio	40	Max WS	TR30_D2	3.00	430.94	431.74		431.92	0.005876	1.88	0.05	0.03	1.60	2.02	0.67
Pagliericcio	35			Culvert											
Pagliericcio	30	Max WS	TR30_D0.5	6.77	427.33	427.77	428.16	429.65	0.184782	6.32	1.68	2.03	1.30	5.14	3.31

HEC-RAS River: Pagliericcio Reach: Pagliericcio Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Pagliericcio	30	Max WS	TR30_D1	1.50	427.33	427.73	427.73	427.86	0.014959	1.64	0.40	0.52	1.07	4.73	0.92
Pagliericcio	30	Max WS	TR30_D2	1.00	427.33	427.65	427.65	427.76	0.017924	1.49	0.30	0.47	0.73	3.81	0.96
Pagliericcio	29.99			Lat Struct											
Pagliericcio	29.98			Lat Struct											
Pagliericcio	25.000	Max WS	TR30_D0.5	6.77	426.58	427.10	427.16	427.37	0.028447	2.32			2.91	8.58	1.27
Pagliericcio	25.000	Max WS	TR30_D1	1.34	426.58	427.08		427.09	0.001289	0.48			2.78	8.49	0.27
Pagliericcio	25.000	Max WS	TR30_D2	-28.25	426.58	427.22	427.77	429.71	0.182406	-6.99			4.04	9.15	3.36
Pagliericcio	20.000	Max WS	TR30_D0.5	1.50	426.40	427.07		427.08	0.000086	0.18	0.08	0.06	9.16	17.31	0.08
Pagliericcio	20.000	Max WS	TR30_D1	1.50	426.40	427.07		427.08	0.000086	0.18	0.08	0.06	9.16	17.31	0.08
Pagliericcio	20.000	Max WS	TR30_D2	1.00	426.40	426.95		426.95	0.000092	0.16	0.07	0.04	6.94	17.06	0.08
Pagliericcio	15.000	Max WS	TR30_D0.5	-0.31	426.31	427.10		427.10	0.000005	-0.04	-0.02		8.87	17.57	0.02
Pagliericcio	15.000	Max WS	TR30_D1	-0.31	426.31	427.10		427.10	0.000005	-0.04	-0.02		8.87	17.57	0.02
Pagliericcio	15.000	Max WS	TR30_D2	1.00	426.31	426.94		426.95	0.000162	0.17	0.12		6.22	17.22	0.10
Pagliericcio	10	Max WS	TR30_D0.5	1.51	425.98	427.03		427.07	0.003405	1.00	0.22	0.24	2.29	10.65	0.42
Pagliericcio	10	Max WS	TR30_D1	1.07	425.98	426.93		426.97	0.004313	0.99	0.06	0.20	1.21	10.48	0.45
Pagliericcio	10	Max WS	TR30_D2	0.66	425.98	426.80		426.84	0.004512	0.83	0.07	0.09	0.80	2.48	0.44
Pagliericcio	6.6667*	Max WS	TR30_D0.5	1.28	425.87	427.05		427.05	0.000144	0.28	0.14	0.09	7.42	10.68	0.10
Pagliericcio	6.6667*	Max WS	TR30_D1	0.90	425.87	426.93		426.93	0.000122	0.24	0.12	0.07	6.20	10.49	0.09
Pagliericcio	6.6667*	Max WS	TR30_D2	0.60	425.87	426.81		426.81	0.000106	0.20	0.09	0.05	4.96	10.28	0.08
Pagliericcio	3.3333*	Max WS	TR30_D0.5	0.26	425.76	427.05		427.05	0.000002	0.04	0.02	0.01	11.32	10.88	0.01
Pagliericcio	3.3333*	Max WS	TR30_D1	0.32	425.76	426.94		426.94	0.000004	0.05	0.03	0.02	10.15	10.60	0.02
Pagliericcio	3.3333*	Max WS	TR30_D2	0.12	425.76	426.82		426.82	0.000001	0.02	0.01	0.01	8.81	10.37	0.01
Pagliericcio	0	Max WS	TR30_D0.5	1.50	425.65	425.93	426.00	426.51	0.119007	3.42	1.04	0.56	0.48	2.99	2.39
Pagliericcio	0	Max WS	TR30_D1	1.50	425.65	425.93	426.00	426.51	0.119007	3.42	1.04	0.56	0.48	2.99	2.39
Pagliericcio	0	Max WS	TR30_D2	1.00	425.65	425.89	426.00	426.34	0.130612	3.02	0.85	0.22	0.35	2.54	2.40

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "RIO SOLANO"

RIO SOLANO

MODELLAZIONE PER TR=30 e 200 ANNI

DURATA DI PIOGGIA: 0.5, 1, 2, 3, 4 e 6 h

Profilo longitudinale

Sezioni Trasversali

Dati idraulici

ALLEGATI

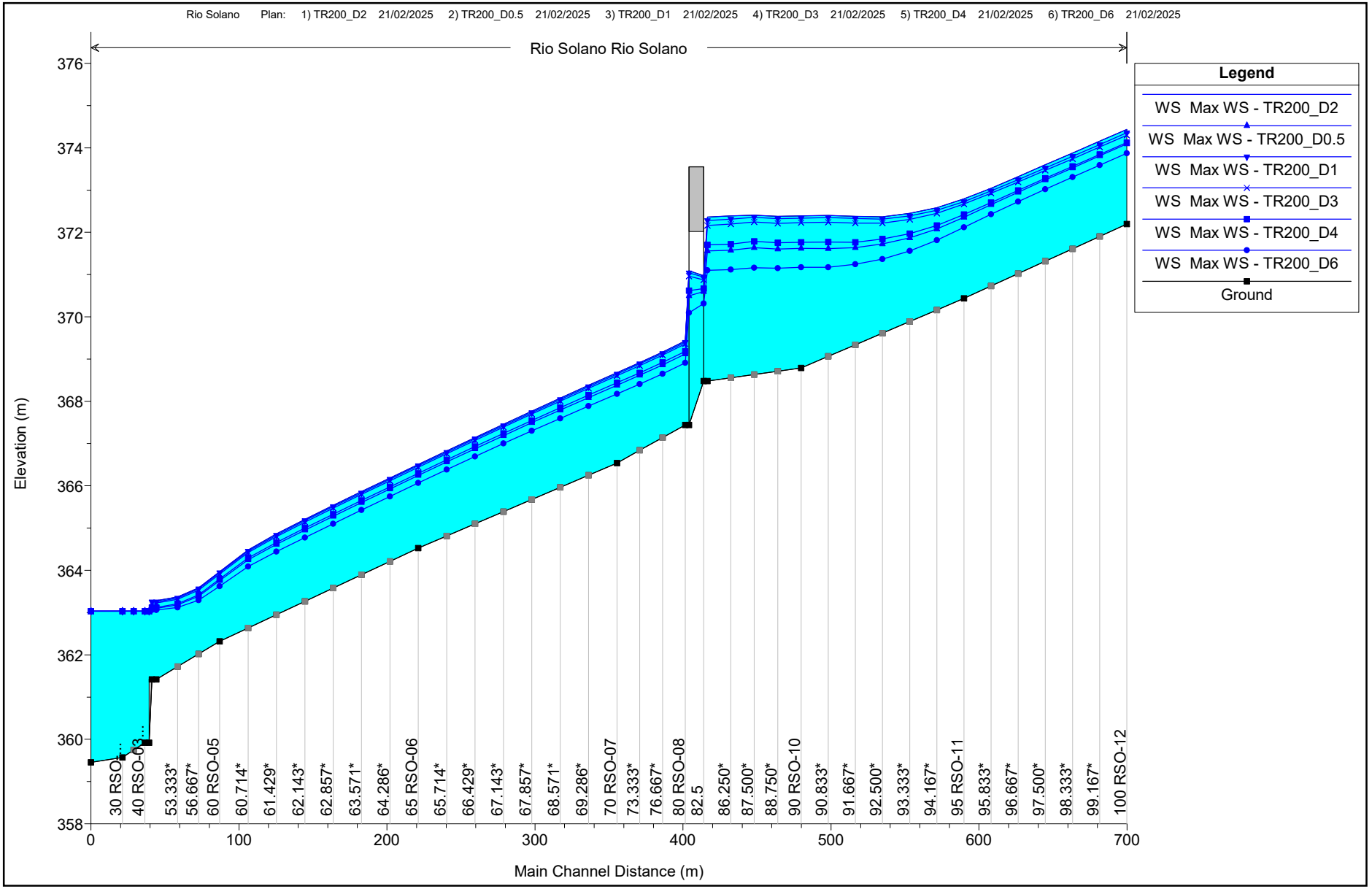
MODELLAZIONE HEC-RAS 5.0.7 "RIO SOLANO"

RIO SOLANO

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 0.5, 1, 2, 3, 4 e 6 h

Profilo longitudinale


Rio Solano Plan: 1) TR200_D2 21/02/2025 2) TR200_D0.5 21/02/2025 3) TR200_D1 21/02/2025 4) TR200_D3 21/02/2025 5) TR200_D4 21/02/2025 6) TR200_D6 21/02/2025
Rio Solano Rio Solano
Legend
WS Max WS - TR200_D2
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D3
WS Max WS - TR200_D4
WS Max WS - TR200_D6
Ground
Elevation (m)
Main Channel Distance (m)
376
374
372
370
368
366
364
362
360
358
0
100
200
300
400
500
600
700
30 RSO-...
40 RSO-03...
53.333*
56.667*
60 RSO-05
60.714*
61.429*
62.143*
62.857*
63.571*
64.286*
65 RSO-06
65.714*
66.429*
67.143*
67.857*
68.571*
69.286*
70 RSO-07
73.333*
76.667*
80 RSO-08
82.5
86.250*
87.500*
88.750*
90 RSO-10
90.833*
91.667*
92.500*
93.333*
94.167*
95 RSO-11
95.833*
96.667*
97.500*
98.333*
99.167*
100 RSO-12

ALLEGATI

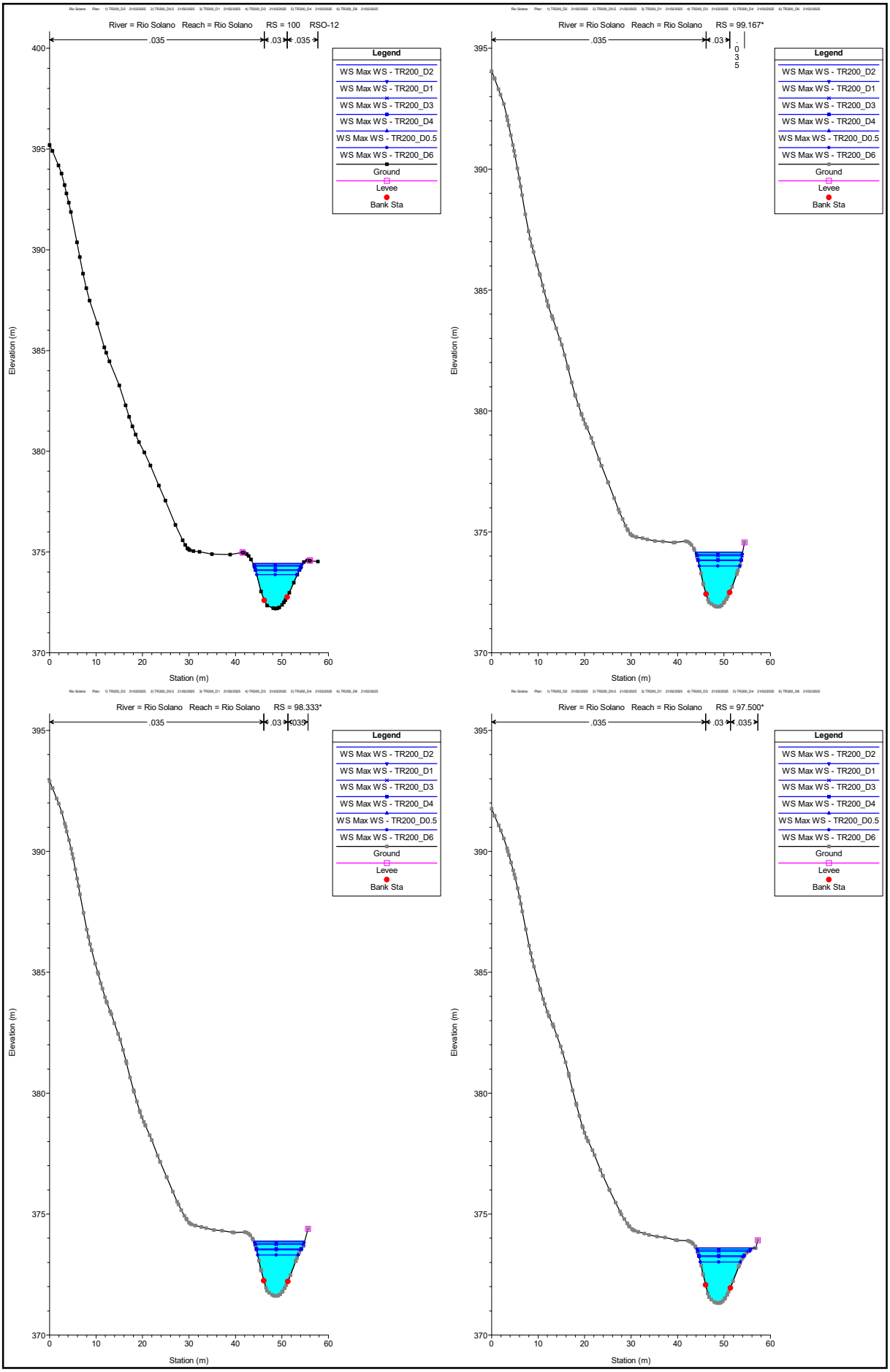
MODELLAZIONE HEC-RAS 5.0.7 "RIO SOLANO"

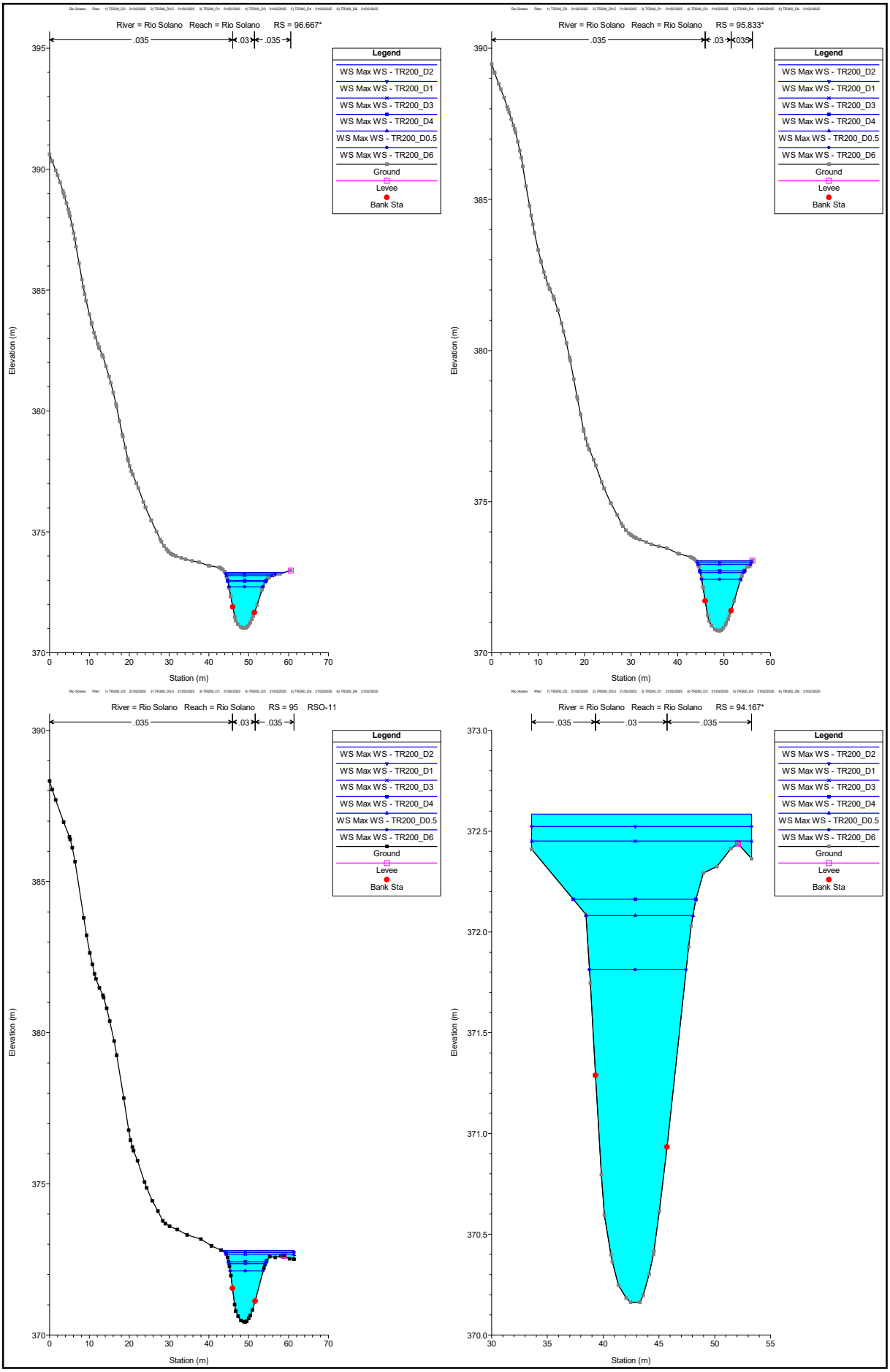
RIO SOLANO

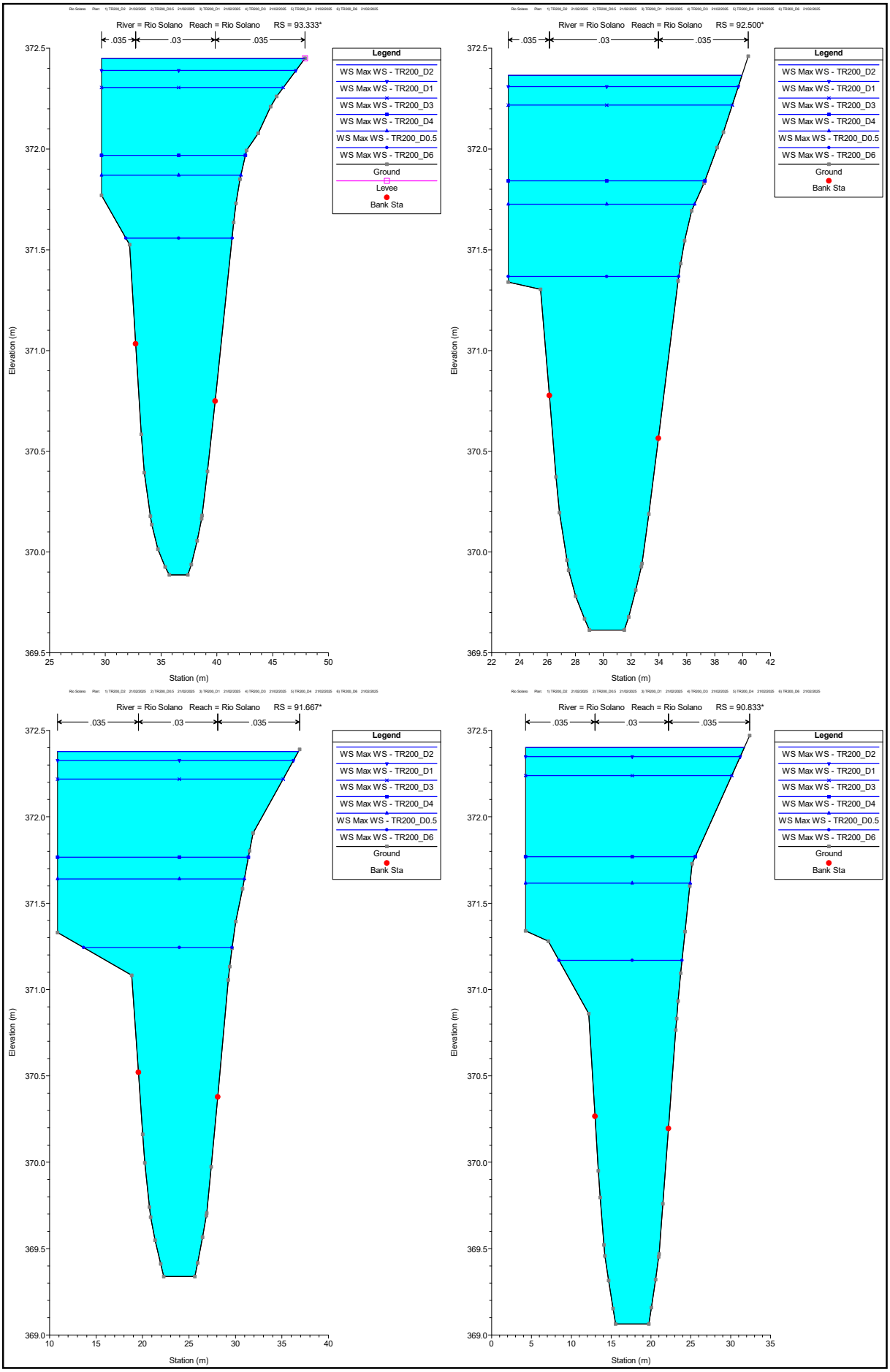
MODELLAZIONE PER TR= 200 anni

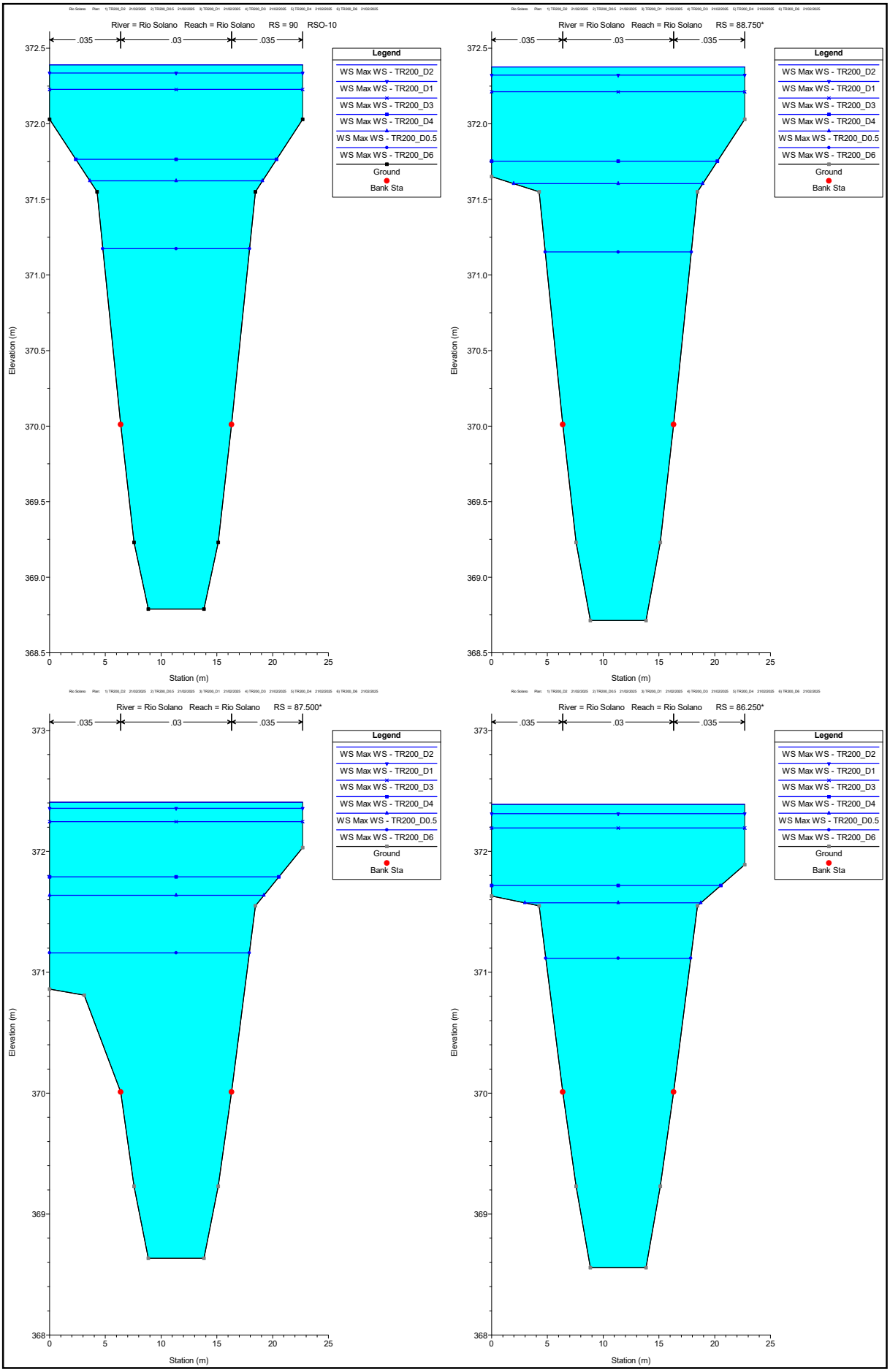
DURATE DI PIOGGIA: 0.5, 1, 2, 3, 4 e 6 h

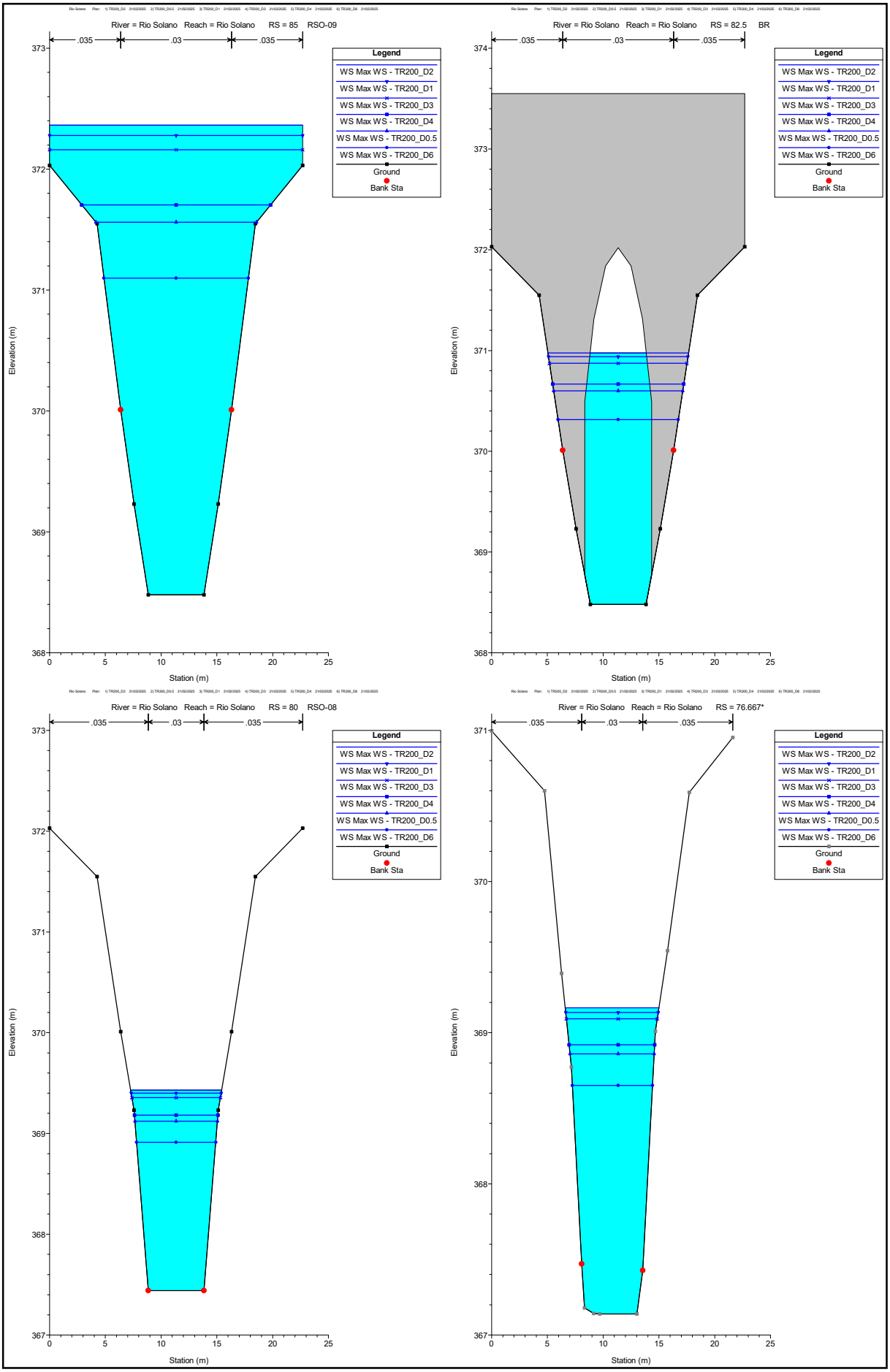
Sezioni Trasversali (da monte verso valle)

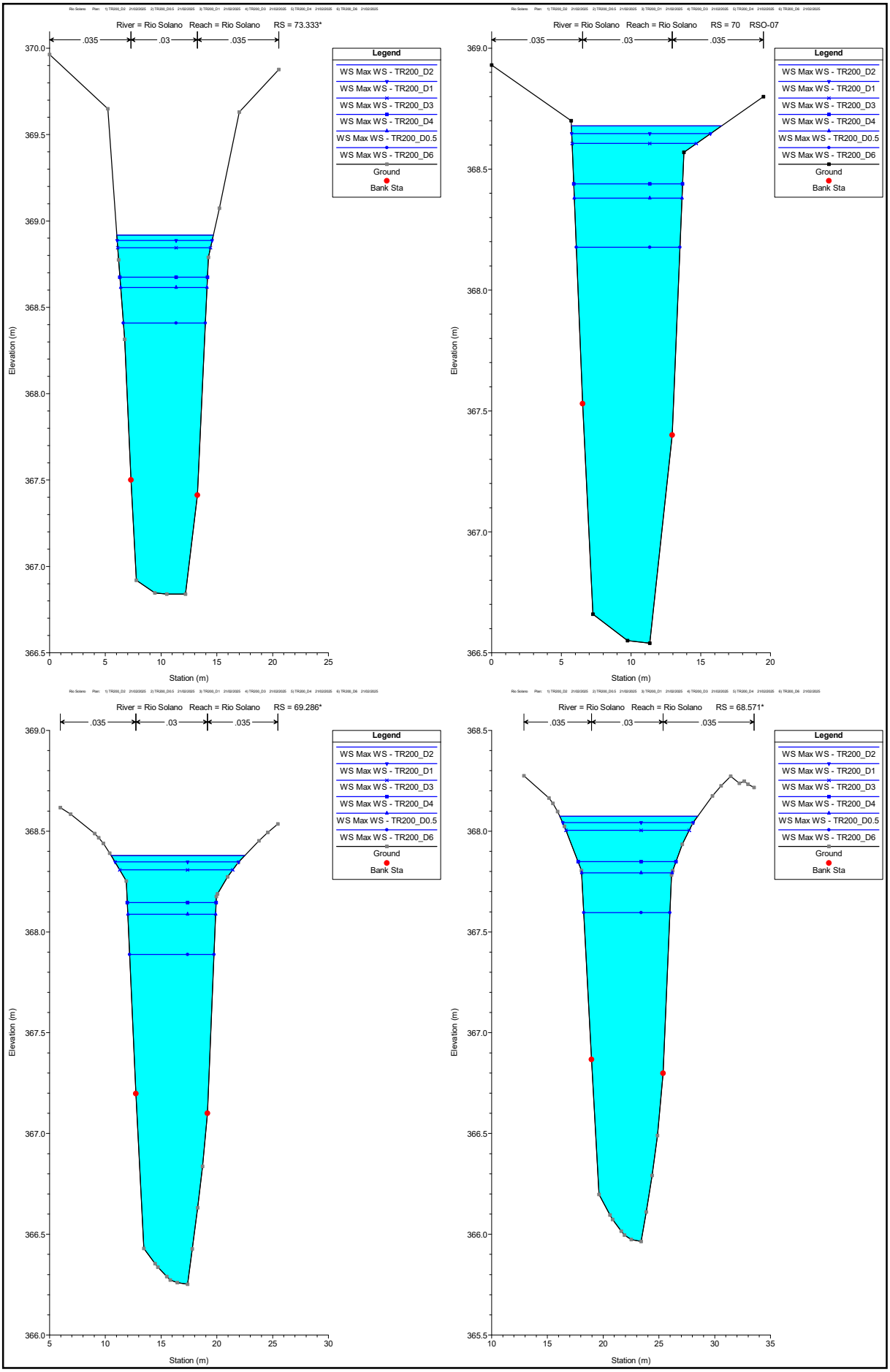

River = Rio Solano Reach = Rio Solano RS = 100 RSO-12
.035
.03
.035
Legend
WS Max WS - TR200_D2
WS Max WS - TR200_D1
WS Max WS - TR200_D3
WS Max WS - TR200_D4
WS Max WS - TR200_D0.5
WS Max WS - TR200_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
River = Rio Solano Reach = Rio Solano RS = 99.167*
.035
.03
Legend
WS Max WS - TR200_D2
WS Max WS - TR200_D1
WS Max WS - TR200_D3
WS Max WS - TR200_D4
WS Max WS - TR200_D0.5
WS Max WS - TR200_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
River = Rio Solano Reach = Rio Solano RS = 98.333*
.035
.03
.035
Legend
WS Max WS - TR200_D2
WS Max WS - TR200_D1
WS Max WS - TR200_D3
WS Max WS - TR200_D4
WS Max WS - TR200_D0.5
WS Max WS - TR200_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
River = Rio Solano Reach = Rio Solano RS = 97.500*
.035
.03
.035
Legend
WS Max WS - TR200_D2
WS Max WS - TR200_D1
WS Max WS - TR200_D3
WS Max WS - TR200_D4
WS Max WS - TR200_D0.5
WS Max WS - TR200_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)

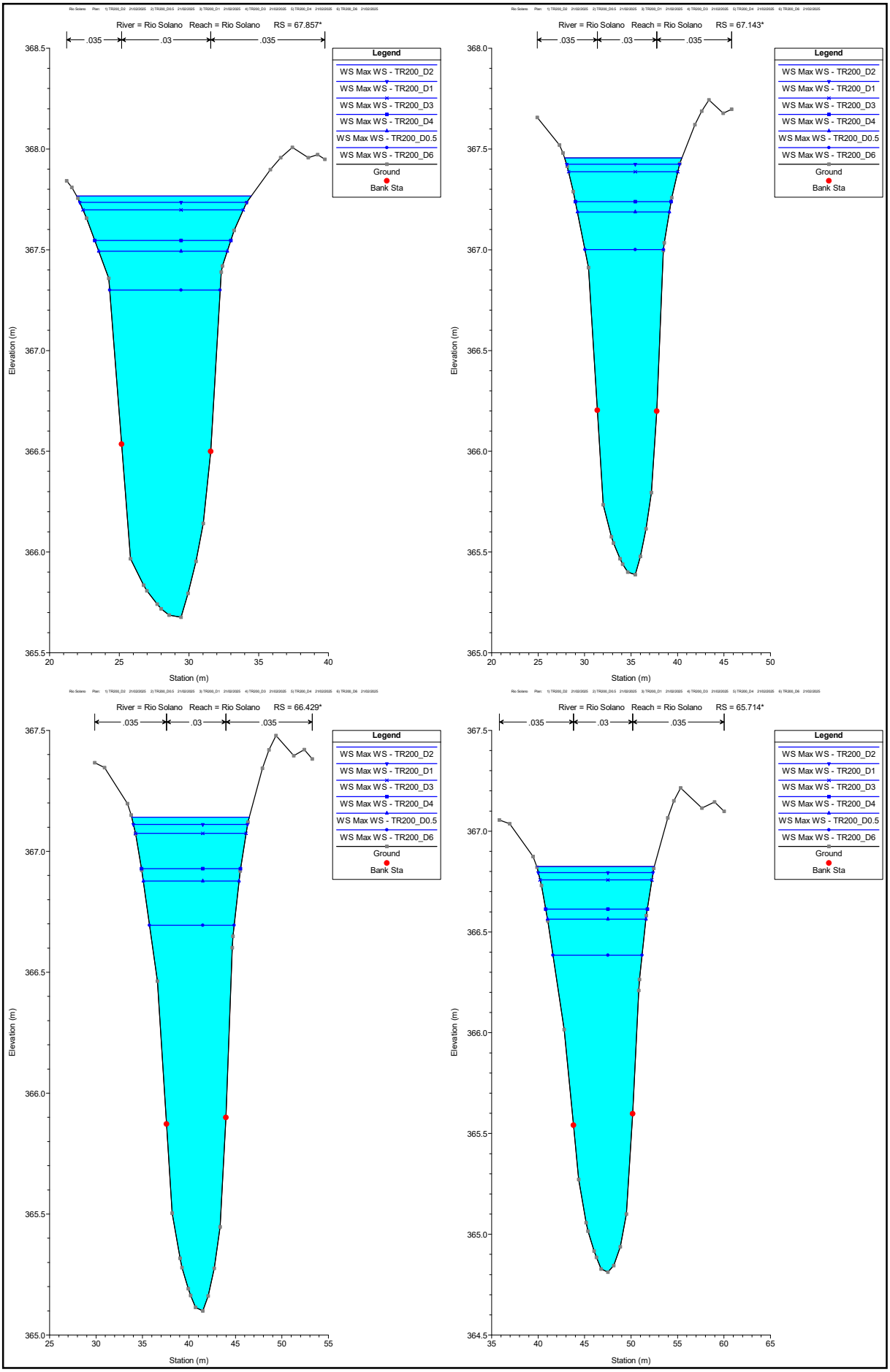

River = Rio Solano Reach = Rio Solano RS = 96.667*
.035
.03
.035
Legend
WS Max WS - TR200_D2
WS Max WS - TR200_D1
WS Max WS - TR200_D3
WS Max WS - TR200_D4
WS Max WS - TR200_D0.5
WS Max WS - TR200_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
River = Rio Solano Reach = Rio Solano RS = 95.833*
.035
.03
.035
Legend
WS Max WS - TR200_D2
WS Max WS - TR200_D1
WS Max WS - TR200_D3
WS Max WS - TR200_D4
WS Max WS - TR200_D0.5
WS Max WS - TR200_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
River = Rio Solano Reach = Rio Solano RS = 95 RSO-11
.035
.03
.035
Legend
WS Max WS - TR200_D2
WS Max WS - TR200_D1
WS Max WS - TR200_D3
WS Max WS - TR200_D4
WS Max WS - TR200_D0.5
WS Max WS - TR200_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
River = Rio Solano Reach = Rio Solano RS = 94.167*
.035
.03
.035
Legend
WS Max WS - TR200_D2
WS Max WS - TR200_D1
WS Max WS - TR200_D3
WS Max WS - TR200_D4
WS Max WS - TR200_D0.5
WS Max WS - TR200_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)

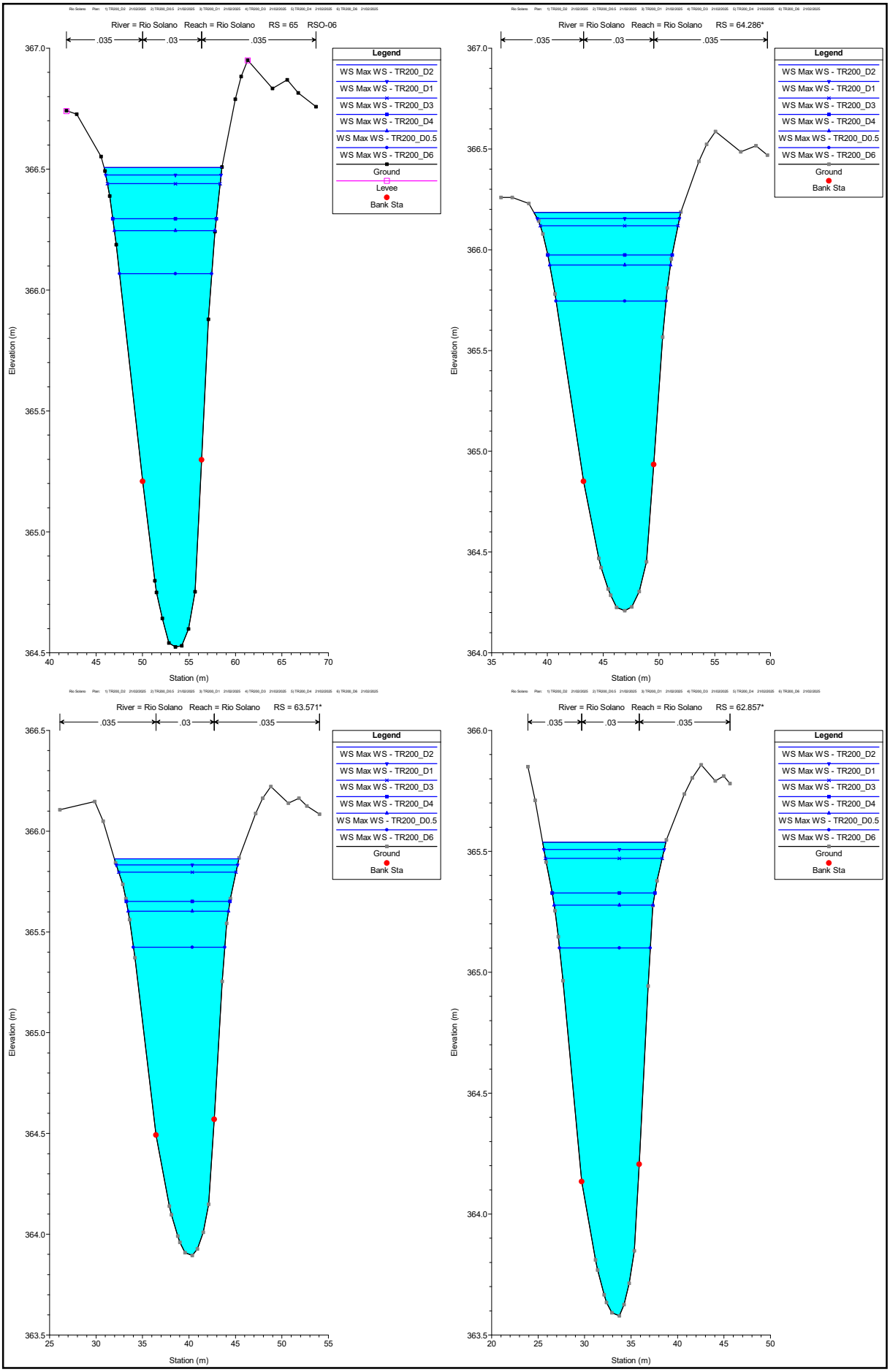

River = Rio Solano Reach = Rio Solano RS = 93.333*
.035
.03
.035
Legend
WS Max WS - TR200_D2
WS Max WS - TR200_D1
WS Max WS - TR200_D3
WS Max WS - TR200_D4
WS Max WS - TR200_D0.5
WS Max WS - TR200_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
River = Rio Solano Reach = Rio Solano RS = 92.500*
.035
.03
.035
Legend
WS Max WS - TR200_D2
WS Max WS - TR200_D1
WS Max WS - TR200_D3
WS Max WS - TR200_D4
WS Max WS - TR200_D0.5
WS Max WS - TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
River = Rio Solano Reach = Rio Solano RS = 91.667*
.035
.03
.035
Legend
WS Max WS - TR200_D2
WS Max WS - TR200_D1
WS Max WS - TR200_D3
WS Max WS - TR200_D4
WS Max WS - TR200_D0.5
WS Max WS - TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
River = Rio Solano Reach = Rio Solano RS = 90.833*
.035
.03
.035
Legend
WS Max WS - TR200_D2
WS Max WS - TR200_D1
WS Max WS - TR200_D3
WS Max WS - TR200_D4
WS Max WS - TR200_D0.5
WS Max WS - TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)

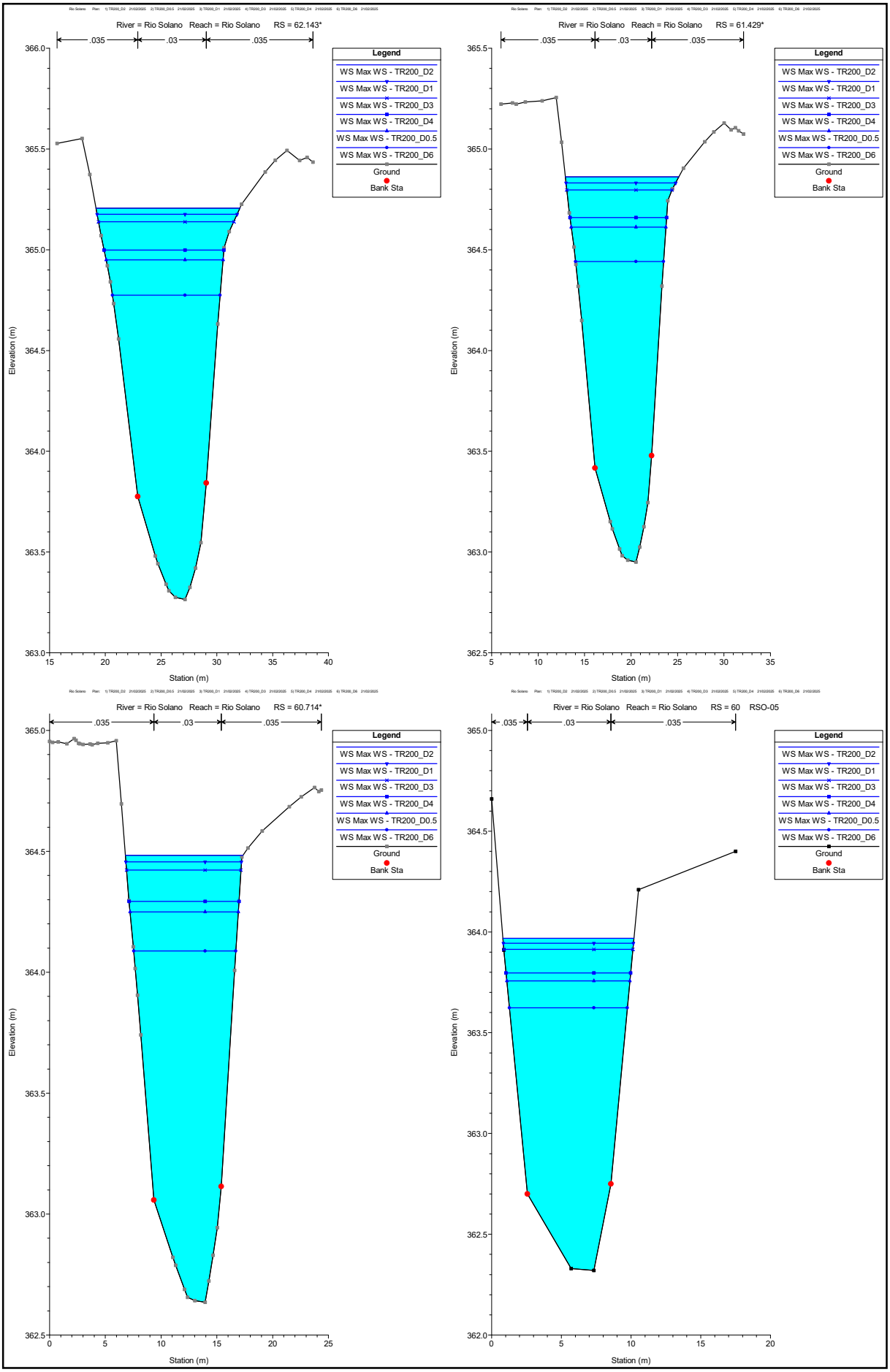

River = Rio Solano Reach = Rio Solano RS = 90 RSO-10
.035
.03
.035
Legend
WS Max WS - TR200_D2
WS Max WS - TR200_D1
WS Max WS - TR200_D3
WS Max WS - TR200_D4
WS Max WS - TR200_D0.5
WS Max WS - TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
River = Rio Solano Reach = Rio Solano RS = 88.750*
River = Rio Solano Reach = Rio Solano RS = 87.500*
River = Rio Solano Reach = Rio Solano RS = 86.250*

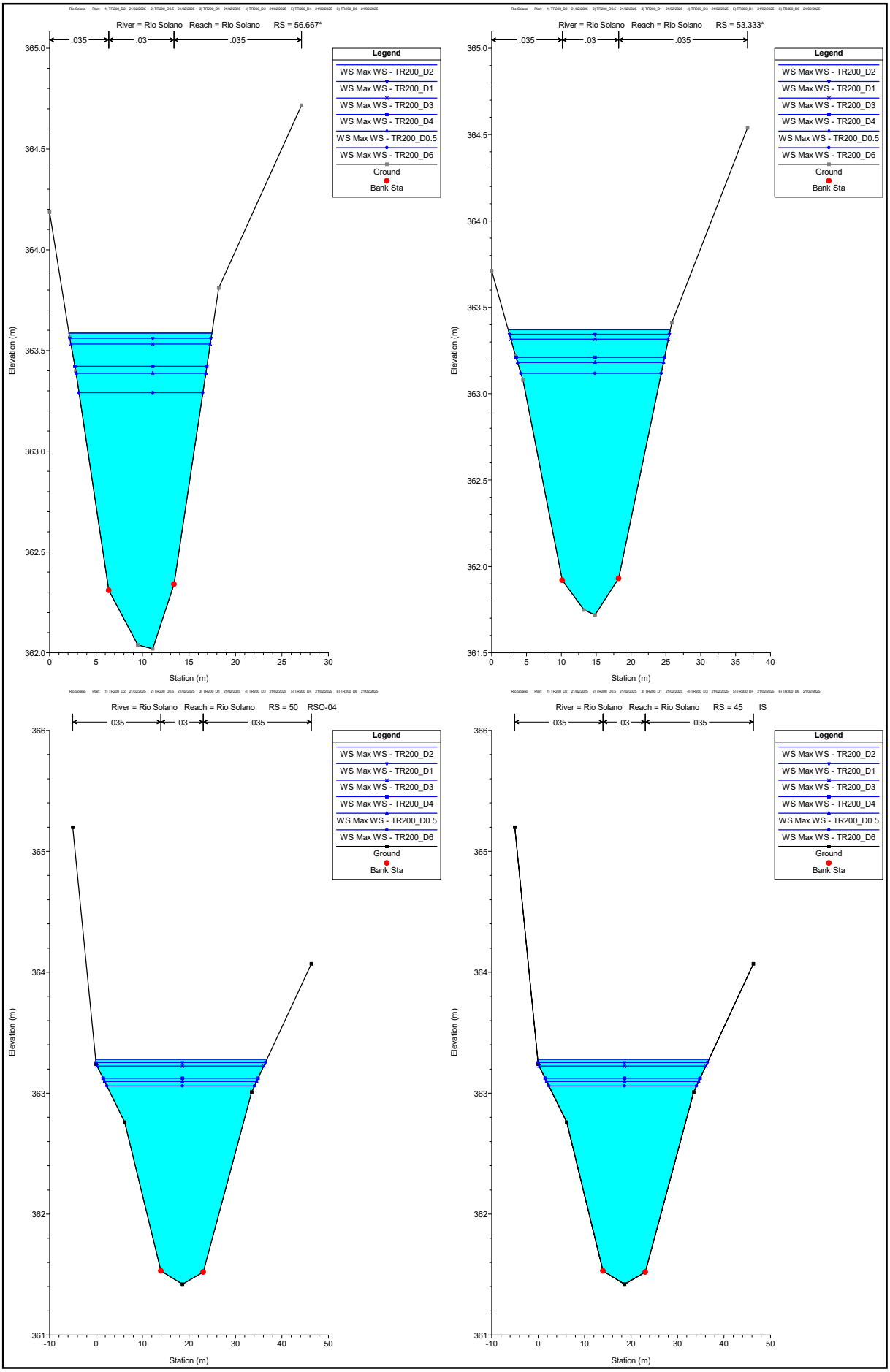

River = Rio Solano Reach = Rio Solano RS = 85 RSO-09
.035
.03
.035
Legend
WS Max WS - TR200_D2
WS Max WS - TR200_D1
WS Max WS - TR200_D3
WS Max WS - TR200_D4
WS Max WS - TR200_D0.5
WS Max WS - TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
River = Rio Solano Reach = Rio Solano RS = 82.5 BR
River = Rio Solano Reach = Rio Solano RS = 80 RSO-08
River = Rio Solano Reach = Rio Solano RS = 76.667*

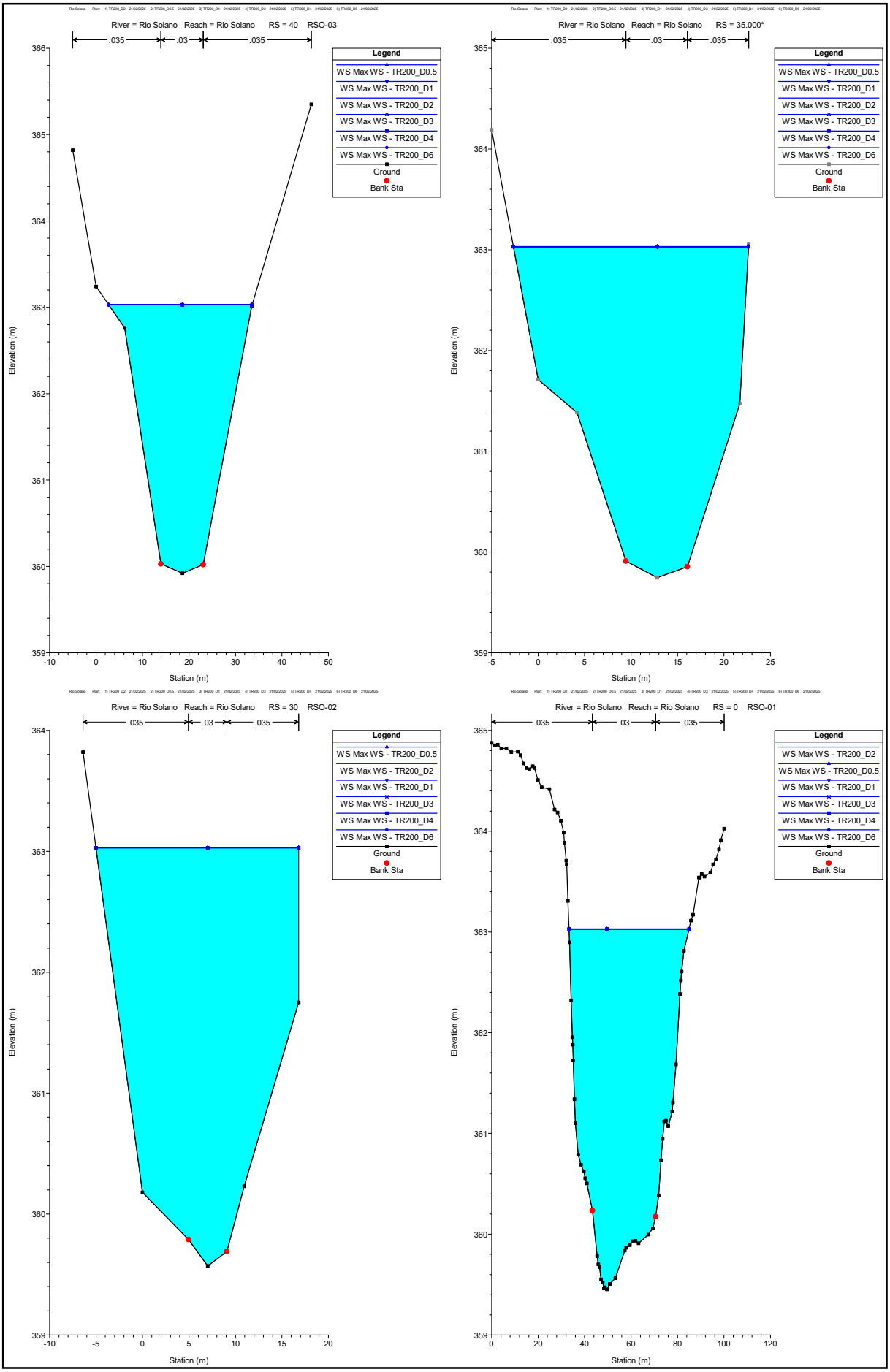

River = Rio Solano Reach = Rio Solano RS = 73.333*
.035
.03
.035
Legend
WS Max WS - TR200_D2
WS Max WS - TR200_D1
WS Max WS - TR200_D3
WS Max WS - TR200_D4
WS Max WS - TR200_D0.5
WS Max WS - TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
River = Rio Solano Reach = Rio Solano RS = 70 RSO-07
River = Rio Solano Reach = Rio Solano RS = 69.286*
River = Rio Solano Reach = Rio Solano RS = 68.571*


River = Rio Solano Reach = Rio Solano RS = 67.857*
.035 .03 .035
Legend
WS Max WS - TR200_D2
WS Max WS - TR200_D1
WS Max WS - TR200_D3
WS Max WS - TR200_D4
WS Max WS - TR200_D0.5
WS Max WS - TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
River = Rio Solano Reach = Rio Solano RS = 67.143*
.035 .03 .035
Legend
WS Max WS - TR200_D2
WS Max WS - TR200_D1
WS Max WS - TR200_D3
WS Max WS - TR200_D4
WS Max WS - TR200_D0.5
WS Max WS - TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
River = Rio Solano Reach = Rio Solano RS = 66.429*
.035 .03 .035
Legend
WS Max WS - TR200_D2
WS Max WS - TR200_D1
WS Max WS - TR200_D3
WS Max WS - TR200_D4
WS Max WS - TR200_D0.5
WS Max WS - TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
River = Rio Solano Reach = Rio Solano RS = 65.714*
.035 .03 .035
Legend
WS Max WS - TR200_D2
WS Max WS - TR200_D1
WS Max WS - TR200_D3
WS Max WS - TR200_D4
WS Max WS - TR200_D0.5
WS Max WS - TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)


River = Rio Solano Reach = Rio Solano RS = 65 RSO-06
.035
.03
.035
Legend
WS Max WS - TR200_D2
WS Max WS - TR200_D1
WS Max WS - TR200_D3
WS Max WS - TR200_D4
WS Max WS - TR200_D0.5
WS Max WS - TR200_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
River = Rio Solano Reach = Rio Solano RS = 64.286*
.035
.03
.035
Legend
WS Max WS - TR200_D2
WS Max WS - TR200_D1
WS Max WS - TR200_D3
WS Max WS - TR200_D4
WS Max WS - TR200_D0.5
WS Max WS - TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
River = Rio Solano Reach = Rio Solano RS = 63.571*
.035
.03
.035
Legend
WS Max WS - TR200_D2
WS Max WS - TR200_D1
WS Max WS - TR200_D3
WS Max WS - TR200_D4
WS Max WS - TR200_D0.5
WS Max WS - TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
River = Rio Solano Reach = Rio Solano RS = 62.857*
.035
.03
.035
Legend
WS Max WS - TR200_D2
WS Max WS - TR200_D1
WS Max WS - TR200_D3
WS Max WS - TR200_D4
WS Max WS - TR200_D0.5
WS Max WS - TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)


River = Rio Solano Reach = Rio Solano RS = 62.143*
.035
.03
.035
Legend
WS Max WS - TR200_D2
WS Max WS - TR200_D1
WS Max WS - TR200_D3
WS Max WS - TR200_D4
WS Max WS - TR200_D0.5
WS Max WS - TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
River = Rio Solano Reach = Rio Solano RS = 61.429*
River = Rio Solano Reach = Rio Solano RS = 60.714*
River = Rio Solano Reach = Rio Solano RS = 60 RSO-05


River = Rio Solano Reach = Rio Solano RS = 56.667*
.035
.03
.035
Legend
WS Max WS - TR200_D2
WS Max WS - TR200_D1
WS Max WS - TR200_D3
WS Max WS - TR200_D4
WS Max WS - TR200_D0.5
WS Max WS - TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
River = Rio Solano Reach = Rio Solano RS = 53.333*
.035
.03
.035
Legend
WS Max WS - TR200_D2
WS Max WS - TR200_D1
WS Max WS - TR200_D3
WS Max WS - TR200_D4
WS Max WS - TR200_D0.5
WS Max WS - TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
River = Rio Solano Reach = Rio Solano RS = 50 RSO-04
.035
.03
.035
Legend
WS Max WS - TR200_D2
WS Max WS - TR200_D1
WS Max WS - TR200_D3
WS Max WS - TR200_D4
WS Max WS - TR200_D0.5
WS Max WS - TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
River = Rio Solano Reach = Rio Solano RS = 45 IS
.035
.03
.035
Legend
WS Max WS - TR200_D2
WS Max WS - TR200_D1
WS Max WS - TR200_D3
WS Max WS - TR200_D4
WS Max WS - TR200_D0.5
WS Max WS - TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)


River = Rio Solano Reach = Rio Solano RS = 40 RSO-03
.035 .03 .035
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
WS Max WS - TR200_D3
WS Max WS - TR200_D4
WS Max WS - TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
River = Rio Solano Reach = Rio Solano RS = 35.000*
.035 .03 .035
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
WS Max WS - TR200_D3
WS Max WS - TR200_D4
WS Max WS - TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
River = Rio Solano Reach = Rio Solano RS = 30 RSO-02
.035 .03 .035
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
WS Max WS - TR200_D1
WS Max WS - TR200_D3
WS Max WS - TR200_D4
WS Max WS - TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
River = Rio Solano Reach = Rio Solano RS = 0 RSO-01
.035 .03 .035
Legend
WS Max WS - TR200_D2
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D3
WS Max WS - TR200_D4
WS Max WS - TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "RIO SOLANO"

RIO SOLANO

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 0.5, 1, 2, 3, 4 e 6 h

Dati idraulici

HEC-RAS River: Rio Solano Reach: Rio Solano Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Rio Solano	100	Max WS	TR200_D2	82.78	372.20	374.44	374.58	376.36	0.015385	6.62	2.87	2.87	15.31	10.74	1.46
Rio Solano	100	Max WS	TR200_D0.5	58.88	372.20	374.09	374.51	375.65	0.015426	5.87	2.60	2.52	11.84	9.38	1.42
Rio Solano	100	Max WS	TR200_D1	76.97	372.20	374.36	374.58	376.20	0.015414	6.46	2.84	2.79	14.47	10.36	1.46
Rio Solano	100	Max WS	TR200_D3	72.50	372.20	374.30	374.58	376.07	0.015323	6.31	2.80	2.73	13.85	10.08	1.45
Rio Solano	100	Max WS	TR200_D4	61.10	372.20	374.13	374.78	375.72	0.015410	5.95	2.64	2.56	12.17	9.49	1.43
Rio Solano	100	Max WS	TR200_D6	45.80	372.20	373.87	374.26	375.20	0.015395	5.36	2.36	2.26	9.87	8.69	1.39
Rio Solano	99.99			Lat Struct											
Rio Solano	99.167*	Max WS	TR200_D2	82.77	371.90	374.16	375.05	376.07	0.015285	6.56	2.71	3.05	15.15	10.17	1.45
Rio Solano	99.167*	Max WS	TR200_D0.5	58.87	371.90	373.81	374.28	375.36	0.015410	5.83	2.43	2.56	11.78	9.25	1.42
Rio Solano	99.167*	Max WS	TR200_D1	76.82	371.90	374.08	374.98	375.90	0.015268	6.39	2.66	2.94	14.35	9.90	1.44
Rio Solano	99.167*	Max WS	TR200_D3	72.50	371.90	374.02	374.54	375.77	0.015184	6.25	2.63	2.85	13.78	9.72	1.43
Rio Solano	99.167*	Max WS	TR200_D4	61.10	371.90	373.84	374.31	375.43	0.015373	5.91	2.47	2.61	12.12	9.33	1.42
Rio Solano	99.167*	Max WS	TR200_D6	45.80	371.90	373.59	373.98	374.92	0.015467	5.34	2.19	2.23	9.81	8.72	1.39
Rio Solano	98.333*	Max WS	TR200_D2	82.76	371.61	373.88	374.24	375.76	0.015079	6.49	2.53	2.84	15.39	10.95	1.44
Rio Solano	98.333*	Max WS	TR200_D0.5	58.87	371.61	373.52	374.01	375.09	0.015535	5.81	2.27	2.43	11.76	9.53	1.41
Rio Solano	98.333*	Max WS	TR200_D1	76.70	371.61	373.80	374.26	375.60	0.015092	6.32	2.49	2.71	14.53	10.65	1.43
Rio Solano	98.333*	Max WS	TR200_D3	72.49	371.61	373.74	374.23	375.48	0.015092	6.20	2.46	2.62	13.92	10.43	1.42
Rio Solano	98.333*	Max WS	TR200_D4	61.09	371.61	373.56	374.06	375.16	0.015470	5.88	2.31	2.46	12.11	9.68	1.41
Rio Solano	98.333*	Max WS	TR200_D6	45.80	371.61	373.30	373.73	374.64	0.015568	5.31	2.02	2.20	9.76	8.70	1.38
Rio Solano	97.500*	Max WS	TR200_D2	82.74	371.32	373.60	374.41	375.52	0.015346	6.51	2.39	2.31	15.59	12.84	1.44
Rio Solano	97.500*	Max WS	TR200_D0.5	58.85	371.32	373.24	373.80	374.80	0.015663	5.78	2.10	2.40	11.69	9.54	1.41
Rio Solano	97.500*	Max WS	TR200_D1	76.67	371.32	373.52	374.29	375.33	0.015109	6.29	2.32	2.44	14.63	11.49	1.42
Rio Solano	97.500*	Max WS	TR200_D3	72.45	371.32	373.47	374.20	375.20	0.015012	6.15	2.29	2.43	13.99	10.98	1.41
Rio Solano	97.500*	Max WS	TR200_D4	61.09	371.32	373.28	373.83	374.87	0.015533	5.85	2.14	2.43	12.06	9.71	1.41
Rio Solano	97.500*	Max WS	TR200_D6	45.80	371.32	373.02	373.40	374.35	0.015721	5.29	1.84	2.19	9.69	8.64	1.38
Rio Solano	96.667*	Max WS	TR200_D2	82.73	371.02	373.32	374.07	375.26	0.015532	6.50	2.22	1.98	15.75	14.87	1.44
Rio Solano	96.667*	Max WS	TR200_D0.5	58.84	371.02	372.95	373.67	374.52	0.015843	5.76	1.92	2.40	11.61	9.46	1.41
Rio Solano	96.667*	Max WS	TR200_D1	76.29	371.02	373.25	373.97	375.03	0.014923	6.22	2.13	2.19	14.74	12.40	1.40
Rio Solano	96.667*	Max WS	TR200_D3	72.43	371.02	373.19	373.92	374.91	0.014846	6.09	2.10	2.26	14.09	11.51	1.39
Rio Solano	96.667*	Max WS	TR200_D4	61.09	371.02	372.99	373.71	374.58	0.015592	5.81	1.95	2.40	12.02	9.69	1.40
Rio Solano	96.667*	Max WS	TR200_D6	45.80	371.02	372.73	373.08	374.06	0.015982	5.27	1.65	2.19	9.61	8.53	1.38
Rio Solano	95.833*	Max WS	TR200_D2	81.82	370.73	373.04	373.74	374.83	0.014448	6.23	1.92	2.49	15.63	12.10	1.38
Rio Solano	95.833*	Max WS	TR200_D0.5	58.82	370.73	372.66	373.17	374.22	0.016120	5.74	1.72	2.41	11.50	9.32	1.41
Rio Solano	95.833*	Max WS	TR200_D1	76.15	370.73	372.98	373.65	374.67	0.014146	6.04	1.90	2.38	14.87	11.62	1.36
Rio Solano	95.833*	Max WS	TR200_D3	72.40	370.73	372.93	373.49	374.57	0.014227	5.95	1.88	2.31	14.25	11.30	1.36
Rio Solano	95.833*	Max WS	TR200_D4	61.08	370.73	372.71	373.31	374.28	0.015637	5.76	1.76	2.40	11.97	9.58	1.40
Rio Solano	95.833*	Max WS	TR200_D6	45.80	370.73	372.43	372.83	373.78	0.016491	5.27	1.46	2.20	9.50	8.40	1.39
Rio Solano	95	Max WS	TR200_D2	80.99	370.44	372.79	373.38	374.43	0.013300	5.99	1.48	1.83	17.18	18.09	1.32
Rio Solano	95	Max WS	TR200_D0.5	58.79	370.44	372.36	372.59	373.94	0.016619	5.74	1.53	2.44	11.35	9.12	1.42
Rio Solano	95	Max WS	TR200_D1	75.79	370.44	372.73	373.28	374.33	0.013338	5.88	1.60	1.66	16.09	17.35	1.32
Rio Solano	95	Max WS	TR200_D3	72.27	370.44	372.67	373.22	374.30	0.013895	5.88	1.68	1.52	15.06	16.99	1.34
Rio Solano	95	Max WS	TR200_D4	61.06	370.44	372.42	372.59	373.98	0.015678	5.71	1.56	2.41	11.94	9.43	1.39
Rio Solano	95	Max WS	TR200_D6	45.80	370.44	372.12	372.53	373.50	0.017671	5.33	1.26	2.22	9.28	8.25	1.43
Rio Solano	94.167*	Max WS	TR200_D2	80.49	370.16	372.58	372.94	373.77	0.009193	5.11	1.45	1.64	20.02	19.73	1.11
Rio Solano	94.167*	Max WS	TR200_D0.5	58.33	370.16	372.08	372.64	373.39	0.013501	5.18	1.42	2.08	12.26	9.61	1.29
Rio Solano	94.167*	Max WS	TR200_D1	75.02	370.16	372.52	372.87	373.68	0.009168	5.00	1.31	1.50	18.80	19.73	1.10
Rio Solano	94.167*	Max WS	TR200_D3	71.99	370.16	372.45	372.83	373.67	0.009939	5.09	1.18	1.39	17.38	19.73	1.14
Rio Solano	94.167*	Max WS	TR200_D4	61.01	370.16	372.16	372.69	373.45	0.012508	5.15	1.06	2.05	13.08	11.00	1.25
Rio Solano	94.167*	Max WS	TR200_D6	45.80	370.16	371.81	372.16	373.03	0.015599	4.95	1.16	1.91	9.81	8.67	1.34
Rio Solano	94.15			Lat Struct											
Rio Solano	93.333*	Max WS	TR200_D2	78.15	369.89	372.45	372.54	373.25	0.005673	4.19	1.65	1.30	22.96	18.24	0.88
Rio Solano	93.333*	Max WS	TR200_D0.5	58.03	369.89	371.87	372.11	372.85	0.009581	4.49	1.15	1.68	14.33	12.50	1.09
Rio Solano	93.333*	Max WS	TR200_D1	72.25	369.89	372.39	372.37	373.13	0.005392	4.02	1.55	1.25	21.90	17.44	0.86
Rio Solano	93.333*	Max WS	TR200_D3	70.68	369.89	372.31	372.31	373.10	0.006009	4.13	1.55	1.31	20.48	16.31	0.90
Rio Solano	93.333*	Max WS	TR200_D4	60.88	369.89	371.97	372.17	372.90	0.008540	4.40	1.29	1.63	15.59	12.91	1.04
Rio Solano	93.333*	Max WS	TR200_D6	45.80	369.89	371.56	371.84	372.55	0.012337	4.46	0.88	1.60	10.80	9.53	1.20
Rio Solano	92.500*	Max WS	TR200_D2	76.95	369.61	372.37		372.91	0.003438	3.45	1.42	1.25	26.83	16.77	0.70
Rio Solano	92.500*	Max WS	TR200_D0.5	57.88	369.61	371.73	371.68	372.41	0.006098	3.77	1.19	1.30	17.13	13.37	0.88
Rio Solano	92.500*	Max WS	TR200_D1	72.14	369.61	372.31		372.82	0.003303	3.33	1.36	1.19	25.91	16.51	0.68
Rio Solano	92.500*	Max WS	TR200_D3	69.56	369.61	372.22		372.74	0.003578	3.38	1.35	1.19	24.40	16.07	0.70
Rio Solano	92.500*	Max WS	TR200_D4	60.67	369.61	371.84	371.74	372.49	0.005347	3.67	1.26	1.22	18.72	14.11	0.84
Rio Solano	92.500*	Max WS	TR200_D6	45.80	369.61	371.37	371.46	372.11	0.008454	3.84	0.56	1.31	12.57	12.23	1.00
Rio Solano	91.667*	Max WS	TR200_D2	79.42	369.34	372.38		372.67	0.001714	2.62	1.22	0.83	39.52	25.91	0.50
Rio Solano	91.667*	Max WS	TR200_D0.5	57.76	369.34	371.64		372.06	0.003404	3.01	0.97	1.01	22.96	20.10	0.67
Rio Solano	91.667*	Max WS	TR200_D1	75.43	369.34	372.33		372.60	0.001679	2.56	1.18	0.81	38.20	25.38	0.50
Rio Solano	91.667*	Max WS	TR200_D3	71.45	369.34	372.22		372.50	0.001796	2.58	1.15	0.82	35.52	24.27	0.51
Rio Solano	91.667*	Max WS	TR200_D4	60.10	369.34	371.77		372.14	0.002847	2.86	1.03	0.99	25.54	20.54	0.62
Rio Solano	91.667*	Max WS	TR200_D6	45.80	369.34	371.24	371.03	371.75	0.005120	3.19	0.50	1.04	15.40	15.98	0.80
Rio Solano	90.833*	Max WS	TR200_D2	79.59	369.06	372.40		372.61	0.001090	2.24	1.02	0.69	46.00	27.46	0.41
Rio Solano	90.833*	Max WS	TR200_D0.5	57.39	369.06	371.62		371.90	0.001967	2.47	0.78	0.87	27.41	20.65	0.52
Rio Solano	90.833*	Max WS	TR200_D1	75.49	369.06	372.35		372.55	0.001058	2.18	0.99	0.67	44.58	26.95	0.40
Rio Solano	90.833*	Max WS	TR200_D3	71.70	369.06	372.24		372.45	0.001121	2.19	0.96	0.67	41.67	25.88	0.41
Rio Solano	90.833*	Max WS	TR200_D4	60.73	369.06	371.77		372.03	0.001689	2.39	0.85	0.82	30.58	21.30	0.49
Rio Solano	90.833*	Max WS	TR200_D6	45.80	369.06	371.17		371.51	0.002934	2.61	0.57	0.83	18.88	15.45	0.61
Rio Solano	90	Max WS	TR200_D2	78.63	368.79	372.39		372.59	0.000860	2.10	0.74	0.74	45.20	22.70	0.37
Rio Solano	90	Max WS	TR200_D0.5	57.43	368.79	371.62		371.85	0.001269	2.14	0.69	0.69	29.25	15.48	0.43
Rio Solano	90	Max WS	TR200_D1	75.00	368.79	372.34		372.53	0.000839	2.05	0.70	0.70	43.96	22.70	0.36
Rio Solano	90	Max WS	TR200_D3	71.14	368.79	372.23		372.42	0.000868	2.04	0.66	0.66	41.52	22.70	0.37
Rio Solano	90	Max WS	TR200_D4	60.92	368.79	371.76		371.99	0.001185	2.15	0.63	0.63	31.62	17.99	0.42
Rio Solano	90	Max WS	TR200_D6	45.80	368.79	371.17		371.39	0.001577	2.10	0.69	0.69	23.03	13.16	0.46
Rio Solano	88.750*	Max WS	TR200_D2	79.60	368.71	372.38		372.58	0.000846	2.09	0.76	0.72	46.18	22.70	0.36
Rio Solano	88.750*	Max WS	TR200_D0.5	57.45	368.71	371.60		371.83	0.001245	2.13	0.52	0.69	29.49	16.96	0.42
Rio Solano	88.750*	Max WS	TR200_D1	75.53	368.71	372.32		372.51	0.000816	2.03	0.73	0.69	44.94	22.70	0.36
Rio Solano	88.750*	Max WS	TR200_D3	71.70	368.71	372.21		372.40	0.000846	2.02	0.69	0.65	42.48	22.70	0.36
Rio Solano	88.750*	Max WS	TR200_D4	60.61	368.71	371.75		371.97	0.001133	2.11	0.51	0.61	32.36	20.24	0.41
Rio Solano	88.750*	Max WS	TR200_D6	45.80	368.71	371.15		371.37	0.001525	2.08	0.67	0.67	23.24	13.10	0.45
Rio Solano	87.500*	Max WS	TR200_D2	78.69	368.63	372.41		372.56	0.000659	1.87	0.93	0.65	51.87	22.70	0.32
Rio Solano	87.500*	Max WS	TR200_D0.5	57.14	368.63	371.64		371.80	0.000952	1.90	0.82	0.59	35.09	19.21	0.37
Rio Solano	87.500*	Max WS	TR200_D1	74.36	368.63	372.36		372.50	0.000624	1.80	0.89	0.61	50.73	22.70	0.31

HEC-RAS River: Rio Solano Reach: Rio Solano Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Rio Solano	87.500*	Max WS	TR200_D3	70.66	368.63	372.25		372.39	0.000644	1.79	0.87	0.58	48.25	22.70	0.31
Rio Solano	87.500*	Max WS	TR200_D4	60.15	368.63	371.79		371.95	0.000853	1.86	0.84	0.53	38.11	20.56	0.35
Rio Solano	87.500*	Max WS	TR200_D6	45.71	368.63	371.16		371.34	0.001302	1.95	0.66	0.62	26.37	17.91	0.42
Rio Solano	86.250*	Max WS	TR200_D2	76.10	368.56	372.39		372.56	0.000704	1.93	0.70	0.68	47.79	22.70	0.33
Rio Solano	86.250*	Max WS	TR200_D0.5	57.66	368.56	371.57		371.79	0.001173	2.09	0.56	0.68	29.99	15.76	0.41
Rio Solano	86.250*	Max WS	TR200_D1	74.91	368.56	372.31		372.49	0.000751	1.97	0.69	0.67	46.00	22.70	0.34
Rio Solano	86.250*	Max WS	TR200_D3	71.83	368.56	372.19		372.38	0.000799	1.98	0.67	0.64	43.36	22.70	0.35
Rio Solano	86.250*	Max WS	TR200_D4	61.64	368.56	371.72		371.94	0.001116	2.11	0.49	0.57	32.74	20.55	0.40
Rio Solano	86.250*	Max WS	TR200_D6	45.80	368.56	371.12		371.32	0.001420	2.03	0.63	0.63	23.74	13.00	0.44
Rio Solano	85	Max WS	TR200_D2	77.58	368.48	372.36	370.71	372.55	0.000751	2.00	0.68	0.68	46.55	22.70	0.34
Rio Solano	85	Max WS	TR200_D0.5	57.66	368.48	371.56	370.36	371.77	0.001123	2.05	0.69	0.69	30.29	14.41	0.40
Rio Solano	85	Max WS	TR200_D1	75.56	368.48	372.28	370.68	372.47	0.000790	2.01	0.65	0.65	44.63	22.70	0.35
Rio Solano	85	Max WS	TR200_D3	72.71	368.48	372.16	370.63	372.36	0.000849	2.04	0.62	0.62	41.93	22.70	0.36
Rio Solano	85	Max WS	TR200_D4	61.43	368.48	371.70	370.43	371.92	0.001072	2.08	0.60	0.60	32.53	16.94	0.39
Rio Solano	85	Max WS	TR200_D6	45.80	368.48	371.10	370.15	371.30	0.001373	2.00	0.61	0.61	23.99	12.95	0.43
Rio Solano	82.5			Bridge											
Rio Solano	80	Max WS	TR200_D2	77.58	367.44	369.43	370.19	371.76	0.017884	7.05	2.59	2.59	12.81	8.17	1.60
Rio Solano	80	Max WS	TR200_D0.5	57.66	367.44	369.12	369.71	370.99	0.017801	6.29	2.37	2.37	10.43	7.40	1.55
Rio Solano	80	Max WS	TR200_D1	75.56	367.44	369.40	370.15	371.69	0.017925	6.99	2.57	2.57	12.56	8.08	1.59
Rio Solano	80	Max WS	TR200_D3	72.70	367.44	369.36	370.08	371.58	0.017929	6.89	2.55	2.55	12.22	7.94	1.59
Rio Solano	80	Max WS	TR200_D4	61.43	367.44	369.18	369.81	371.15	0.017832	6.45	2.43	2.43	10.88	7.49	1.56
Rio Solano	80	Max WS	TR200_D6	45.80	367.44	368.91	369.38	370.50	0.017823	5.76	2.17	2.17	8.92	7.11	1.52
Rio Solano	79.99			Lat Struct											
Rio Solano	79.98			Lat Struct											
Rio Solano	76.667*	Max WS	TR200_D2	77.55	367.14	369.17	369.85	371.29	0.016538	6.64	2.24	2.24	13.13	8.40	1.50
Rio Solano	76.667*	Max WS	TR200_D0.5	57.66	367.14	368.86	369.38	370.56	0.016368	5.91	1.97	2.04	10.70	7.55	1.45
Rio Solano	76.667*	Max WS	TR200_D1	75.46	367.14	369.13	369.81	371.22	0.016557	6.57	2.21	2.23	12.86	8.30	1.50
Rio Solano	76.667*	Max WS	TR200_D3	72.60	367.14	369.09	369.74	371.12	0.016545	6.47	2.17	2.21	12.52	8.15	1.49
Rio Solano	76.667*	Max WS	TR200_D4	61.39	367.14	368.92	369.48	370.71	0.016419	6.06	2.02	2.10	11.16	7.68	1.46
Rio Solano	76.667*	Max WS	TR200_D6	45.80	367.14	368.65	369.05	370.08	0.016256	5.40	1.79	1.83	9.17	7.20	1.41
Rio Solano	73.333*	Max WS	TR200_D2	77.53	366.84	368.92	369.53	370.87	0.015655	6.30	1.99	1.89	13.44	8.66	1.43
Rio Solano	73.333*	Max WS	TR200_D0.5	57.66	366.84	368.62	369.07	370.17	0.015426	5.60	1.65	1.76	10.99	7.74	1.38
Rio Solano	73.333*	Max WS	TR200_D1	75.38	366.84	368.89	369.51	370.79	0.015654	6.23	1.96	1.89	13.17	8.52	1.42
Rio Solano	73.333*	Max WS	TR200_D3	72.52	366.84	368.84	369.44	370.70	0.015639	6.14	1.91	1.90	12.81	8.32	1.42
Rio Solano	73.333*	Max WS	TR200_D4	61.36	366.84	368.67	369.17	370.31	0.015490	5.74	1.72	1.82	11.45	7.85	1.39
Rio Solano	73.333*	Max WS	TR200_D6	45.80	366.84	368.41	368.76	369.71	0.015279	5.10	1.43	1.54	9.43	7.36	1.34
Rio Solano	70	Max WS	TR200_D2	77.52	366.54	368.68	369.35	370.53	0.015531	6.08	1.71	1.11	13.68	10.78	1.39
Rio Solano	70	Max WS	TR200_D0.5	57.66	366.54	368.38	369.05	369.83	0.015166	5.37	1.38	1.52	11.16	7.73	1.34
Rio Solano	70	Max WS	TR200_D1	75.31	366.54	368.65	369.32	370.46	0.015523	6.01	1.68	1.16	13.35	9.97	1.39
Rio Solano	70	Max WS	TR200_D3	72.45	366.54	368.61	369.28	370.36	0.015470	5.91	1.63	1.33	12.96	8.91	1.38
Rio Solano	70	Max WS	TR200_D4	61.34	366.54	368.44	369.12	369.96	0.015220	5.51	1.45	1.58	11.62	7.81	1.35
Rio Solano	70	Max WS	TR200_D6	45.80	366.54	368.18	368.48	369.39	0.015020	4.90	1.15	1.29	9.62	7.44	1.30
Rio Solano	69.286*	Max WS	TR200_D2	77.51	366.25	368.38	369.04	370.25	0.015804	6.13	1.38	1.28	13.79	11.97	1.41
Rio Solano	69.286*	Max WS	TR200_D0.5	57.66	366.25	368.09	368.75	369.56	0.015323	5.41	1.52	1.57	11.14	7.88	1.35
Rio Solano	69.286*	Max WS	TR200_D1	75.24	366.25	368.35	369.02	370.18	0.015788	6.06	1.40	1.30	13.43	11.09	1.41
Rio Solano	69.286*	Max WS	TR200_D3	72.37	366.25	368.31	368.98	370.08	0.015724	5.97	1.48	1.32	13.01	10.13	1.40
Rio Solano	69.286*	Max WS	TR200_D4	61.31	366.25	368.15	368.82	369.69	0.015379	5.55	1.59	1.63	11.60	7.97	1.36
Rio Solano	69.286*	Max WS	TR200_D6	45.80	366.25	367.89	368.16	369.12	0.015171	4.93	1.27	1.34	9.59	7.57	1.32
Rio Solano	68.571*	Max WS	TR200_D2	77.50	365.96	368.07	368.75	369.95	0.015989	6.16	1.55	1.43	13.96	12.37	1.43
Rio Solano	68.571*	Max WS	TR200_D0.5	57.66	365.96	367.79	368.47	369.28	0.015512	5.45	1.66	1.59	11.14	8.11	1.37
Rio Solano	68.571*	Max WS	TR200_D1	75.18	365.96	368.04	368.72	369.88	0.015980	6.09	1.53	1.44	13.58	11.71	1.42
Rio Solano	68.571*	Max WS	TR200_D3	72.30	365.96	368.00	368.68	369.79	0.015938	6.00	1.51	1.43	13.15	11.06	1.42
Rio Solano	68.571*	Max WS	TR200_D4	61.29	365.96	367.85	368.53	369.41	0.015654	5.60	1.56	1.49	11.60	8.77	1.38
Rio Solano	68.571*	Max WS	TR200_D6	45.80	365.96	367.60	367.94	368.84	0.015331	4.97	1.41	1.39	9.58	7.73	1.33
Rio Solano	67.857*	Max WS	TR200_D2	77.50	365.68	367.77	368.42	369.63	0.016159	6.17	1.76	1.57	14.13	12.52	1.44
Rio Solano	67.857*	Max WS	TR200_D0.5	57.66	365.68	367.49	368.13	369.00	0.015825	5.50	1.54	1.49	11.20	9.22	1.39
Rio Solano	67.857*	Max WS	TR200_D1	75.14	365.68	367.74	368.39	369.56	0.016151	6.10	1.74	1.58	13.75	11.99	1.44
Rio Solano	67.857*	Max WS	TR200_D3	72.24	365.68	367.70	368.35	369.47	0.016113	6.01	1.70	1.55	13.31	11.50	1.43
Rio Solano	67.857*	Max WS	TR200_D4	61.27	365.68	367.55	368.19	369.12	0.015921	5.64	1.57	1.49	11.70	9.76	1.40
Rio Solano	67.857*	Max WS	TR200_D6	45.80	365.68	367.30	367.69	368.55	0.015513	5.00	1.54	1.44	9.58	7.92	1.35
Rio Solano	67.143*	Max WS	TR200_D2	77.49	365.39	367.46	368.12	369.29	0.016311	6.18	1.97	1.71	14.30	12.61	1.45
Rio Solano	67.143*	Max WS	TR200_D0.5	57.66	365.39	367.19	367.86	368.69	0.016078	5.52	1.68	1.53	11.32	9.89	1.40
Rio Solano	67.143*	Max WS	TR200_D1	75.11	365.39	367.42	368.10	369.23	0.016298	6.11	1.95	1.71	13.92	12.15	1.45
Rio Solano	67.143*	Max WS	TR200_D3	72.21	365.39	367.39	368.06	369.15	0.016288	6.02	1.91	1.68	13.47	11.75	1.44
Rio Solano	67.143*	Max WS	TR200_D4	61.26	365.39	367.24	367.92	368.81	0.016135	5.65	1.75	1.58	11.84	10.30	1.41
Rio Solano	67.143*	Max WS	TR200_D6	45.80	365.39	367.00	367.40	368.26	0.015797	5.03	1.53	1.49	9.61	8.45	1.36
Rio Solano	66.429*	Max WS	TR200_D2	77.49	365.10	367.14	367.83	368.95	0.016446	6.17	2.17	1.84	14.47	12.65	1.46
Rio Solano	66.429*	Max WS	TR200_D0.5	57.66	365.10	366.88	367.58	368.37	0.016286	5.53	1.88	1.62	11.47	10.31	1.42
Rio Solano	66.429*	Max WS	TR200_D1	75.08	365.10	367.11	367.81	368.89	0.016449	6.10	2.15	1.84	14.09	12.28	1.46
Rio Solano	66.429*	Max WS	TR200_D3	72.18	365.10	367.07	367.77	368.81	0.016433	6.01	2.12	1.80	13.64	11.91	1.45
Rio Solano	66.429*	Max WS	TR200_D4	61.25	365.10	366.93	367.63	368.48	0.016328	5.66	1.95	1.68	12.00	10.66	1.42
Rio Solano	66.429*	Max WS	TR200_D6	45.80	365.10	366.69	367.09	367.96	0.016091	5.06	1.64	1.47	9.69	9.11	1.38
Rio Solano	65.714*	Max WS	TR200_D2	77.49	364.81	366.83	367.52	368.60	0.016565	6.15	2.36	1.97	14.64	12.66	1.47
Rio Solano	65.714*	Max WS	TR200_D0.5	57.66	364.81	366.56	367.20	368.03	0.016487	5.53	2.09	1.72	11.62	10.60	1.42
Rio Solano	65.714*	Max WS	TR200_D1	75.07	364.81	366.79	367.50	368.54	0.016569	6.08	2.34	1.95	14.26	12.36	1.46
Rio Solano	65.714*	Max WS	TR200_D3	72.16	364.81	366.76	367.46	368.46	0.016563	6.00	2.31	1.91	13.82	12.04	1.46
Rio Solano	65.714*	Max WS	TR200_D4	61.24	364.81	366.61	367.32	368.15	0.016525	5.65	2.15	1.77	12.16	10.94	1.43
Rio Solano	65.714*	Max WS	TR200_D6	45.80	364.81	366.38	366.77	367.64	0.016378	5.07	1.82	1.51	9.81	9.59	1.39
Rio Solano	65	Max WS	TR200_D2	77.49	364.52	366.51	367.21	368.24	0.016670	6.12	2.54	2.08	14.82	12.67	1.47
Rio Solano	65	Max WS	TR200_D0.5	57.66	364.52	366.25	366.69	367.69	0.016727	5.51	2.28	1.82	11.77	10.82	1.43
Rio Solano	65	Max WS	TR200_D1	75.06	364.52	366.48	367.19	368.18	0.016680	6.05	2.52	2.05	14.44	12.41	1.46
Rio Solano	65	Max WS	TR200_D3	72.14	364.52	366.44	367.16	368.10	0.016691	5.97	2.50	2.01	13.99	12.12	1.46
Rio Solano	65	Max WS	TR200_D4	61.23	364.52	366.30	367.02	367.80	0.016746	5.64	2.34	1.86	12.31	11.14	1.44
Rio Solano	65	Max WS	TR200_D6	45.80	364.52	366.07	366.46	367.31	0.016758	5.08	2.03	1.59	9.92	9.92	1.40
Rio Solano	64.286*	Max WS	TR200_D2	77.49	364.21	366.19	366.86	367.94	0.016804	6.16	2.47	2.07	14.86	13.17	1.48
Rio Solano	64.286*	Max WS	TR200_D0.5	57.66	364.21	365.92	366.49	367.38	0.016792	5.54	2.32	1.87	11.76	10.84	1.44
Rio Solano	64.286*	Max WS	TR200_D1	75.05	364.21	366.16	366.83	367.87	0.016777	6.09	2.49	2.04	14.47	12.76	1.47
Rio Solano	64.286*	Max WS	TR200_D3	72.12	364.21	366.12	366.80	367.79	0.016760	6.00	2.49	2.01	14.01	12.36	1.47

HEC-RAS River: Rio Solano Reach: Rio Solano Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Rio Solano	64.286*	Max WS	TR200_D4	61.23	364.21	365.97	366.56	367.48	0.016790	5.66	2.38	1.91	12.31	11.15	1.45
Rio Solano	64.286*	Max WS	TR200_D6	45.80	364.21	365.75	366.12	367.00	0.016811	5.10	2.08	1.68	9.92	9.87	1.41
Rio Solano	63.571*	Max WS	TR200_D2	77.49	363.89	365.86	366.57	367.63	0.016912	6.20	2.48	2.05	14.86	13.39	1.49
Rio Solano	63.571*	Max WS	TR200_D0.5	57.66	363.89	365.60	366.07	367.06	0.016851	5.57	2.34	1.94	11.75	10.79	1.45
Rio Solano	63.571*	Max WS	TR200_D1	75.04	363.89	365.83	366.55	367.57	0.016908	6.13	2.46	2.03	14.47	13.06	1.48
Rio Solano	63.571*	Max WS	TR200_D3	72.11	363.89	365.80	366.52	367.49	0.016903	6.04	2.45	2.01	14.00	12.63	1.48
Rio Solano	63.571*	Max WS	TR200_D4	61.22	363.89	365.65	366.14	367.17	0.016860	5.69	2.39	1.96	12.29	11.14	1.45
Rio Solano	63.571*	Max WS	TR200_D6	45.80	363.89	365.42	365.81	366.68	0.016839	5.12	2.12	1.76	9.92	9.84	1.42
Rio Solano	62.857*	Max WS	TR200_D2	77.49	363.58	365.54	366.21	367.33	0.017072	6.24	2.56	2.04	14.78	13.27	1.50
Rio Solano	62.857*	Max WS	TR200_D0.5	57.66	363.58	365.28	365.76	366.75	0.016991	5.60	2.36	2.07	11.70	10.63	1.46
Rio Solano	62.857*	Max WS	TR200_D1	75.03	363.58	365.51	366.18	367.26	0.017087	6.17	2.53	2.03	14.39	12.95	1.50
Rio Solano	62.857*	Max WS	TR200_D3	72.10	363.58	365.47	366.14	367.19	0.017115	6.09	2.50	2.02	13.92	12.56	1.49
Rio Solano	62.857*	Max WS	TR200_D4	61.22	363.58	365.33	366.00	366.87	0.017027	5.73	2.41	2.05	12.23	11.04	1.47
Rio Solano	62.857*	Max WS	TR200_D6	45.80	363.58	365.10	365.51	366.37	0.016932	5.14	2.15	1.84	9.89	9.77	1.42
Rio Solano	62.143*	Max WS	TR200_D2	77.49	363.26	365.21	365.91	367.04	0.017480	6.32	2.68	2.03	14.56	12.91	1.52
Rio Solano	62.143*	Max WS	TR200_D0.5	57.66	363.26	364.95	365.46	366.45	0.017267	5.65	2.38	2.15	11.60	10.48	1.47
Rio Solano	62.143*	Max WS	TR200_D1	75.03	363.26	365.18	365.89	366.97	0.017494	6.25	2.64	2.04	14.18	12.57	1.52
Rio Solano	62.143*	Max WS	TR200_D3	72.10	363.26	365.14	365.85	366.89	0.017506	6.16	2.60	2.07	13.72	12.14	1.51
Rio Solano	62.143*	Max WS	TR200_D4	61.21	363.26	365.00	365.54	366.56	0.017320	5.78	2.43	2.22	12.11	10.74	1.48
Rio Solano	62.143*	Max WS	TR200_D6	45.80	363.26	364.77	365.18	366.06	0.017137	5.18	2.18	1.92	9.84	9.66	1.44
Rio Solano	61.429*	Max WS	TR200_D2	77.49	362.95	364.86	365.63	366.79	0.018517	6.47	2.81	2.11	14.10	12.21	1.57
Rio Solano	61.429*	Max WS	TR200_D0.5	57.66	362.95	364.61	365.20	366.17	0.017970	5.75	2.44	2.25	11.38	10.19	1.50
Rio Solano	61.429*	Max WS	TR200_D1	75.03	362.95	364.83	365.60	366.72	0.018472	6.39	2.77	2.18	13.74	11.79	1.56
Rio Solano	61.429*	Max WS	TR200_D3	72.09	362.95	364.80	365.58	366.62	0.018380	6.28	2.71	2.28	13.33	11.31	1.55
Rio Solano	61.429*	Max WS	TR200_D4	61.21	362.95	364.66	365.20	366.28	0.018070	5.89	2.50	2.31	11.86	10.39	1.52
Rio Solano	61.429*	Max WS	TR200_D6	45.80	362.95	364.44	364.82	365.76	0.017673	5.26	2.22	2.00	9.70	9.48	1.46
Rio Solano	60.714*	Max WS	TR200_D2	77.49	362.63	364.48	365.32	366.59	0.020851	6.75	2.97	2.69	13.24	10.54	1.66
Rio Solano	60.714*	Max WS	TR200_D0.5	57.66	362.63	364.25	365.08	365.93	0.019961	5.97	2.55	2.38	10.88	9.70	1.58
Rio Solano	60.714*	Max WS	TR200_D1	75.02	362.63	364.46	365.30	366.51	0.020735	6.65	2.92	2.71	12.95	10.36	1.65
Rio Solano	60.714*	Max WS	TR200_D3	72.09	362.63	364.42	365.27	366.42	0.020641	6.55	2.86	2.66	12.61	10.26	1.64
Rio Solano	60.714*	Max WS	TR200_D4	61.21	362.63	364.29	364.91	366.06	0.020168	6.12	2.63	2.45	11.31	9.86	1.60
Rio Solano	60.714*	Max WS	TR200_D6	45.80	362.63	364.09	364.46	365.49	0.019260	5.42	2.29	2.11	9.36	9.15	1.52
Rio Solano	60	Max WS	TR200_D2	77.48	362.32	363.97	364.92	366.87	0.032848	7.84	3.35	3.22	11.12	9.40	2.04
Rio Solano	60	Max WS	TR200_D0.5	57.66	362.32	363.76	364.63	366.06	0.031455	6.93	2.89	2.77	9.19	8.83	1.95
Rio Solano	60	Max WS	TR200_D1	75.02	362.32	363.94	364.89	366.77	0.032747	7.74	3.29	3.17	10.89	9.34	2.03
Rio Solano	60	Max WS	TR200_D3	72.09	362.32	363.91	364.85	366.66	0.032576	7.61	3.22	3.11	10.61	9.26	2.02
Rio Solano	60	Max WS	TR200_D4	61.20	362.32	363.80	364.70	366.21	0.031802	7.11	2.98	2.86	9.54	8.94	1.97
Rio Solano	60	Max WS	TR200_D6	45.80	362.32	363.62	364.18	365.49	0.029256	6.21	2.55	2.43	8.04	8.47	1.85
Rio Solano	56.667*	Max WS	TR200_D2	77.49	362.02	363.59	364.15	365.22	0.020934	6.14	2.92	2.93	15.34	15.38	1.63
Rio Solano	56.667*	Max WS	TR200_D0.5	57.66	362.02	363.39	363.79	364.73	0.020455	5.50	2.63	2.58	12.42	13.95	1.57
Rio Solano	56.667*	Max WS	TR200_D1	75.02	362.02	363.56	364.09	365.17	0.021021	6.08	2.89	2.89	14.95	15.21	1.63
Rio Solano	56.667*	Max WS	TR200_D3	72.09	362.02	363.53	364.04	365.10	0.021016	6.00	2.85	2.85	14.52	15.00	1.62
Rio Solano	56.667*	Max WS	TR200_D4	61.21	362.02	363.42	363.82	364.83	0.020773	5.64	2.69	2.65	12.91	14.19	1.59
Rio Solano	56.667*	Max WS	TR200_D6	45.80	362.02	363.29	363.62	364.34	0.017579	4.83	2.28	2.24	11.10	13.32	1.44
Rio Solano	53.333*	Max WS	TR200_D2	77.48	361.72	363.37	363.52	364.12	0.009409	4.35	2.11	2.20	23.17	23.26	1.11
Rio Solano	53.333*	Max WS	TR200_D0.5	57.66	361.72	363.18	363.27	363.79	0.008790	3.85	1.89	1.93	18.95	20.92	1.05
Rio Solano	53.333*	Max WS	TR200_D1	75.01	361.72	363.34	363.48	364.08	0.009447	4.30	2.09	2.18	22.56	22.94	1.11
Rio Solano	53.333*	Max WS	TR200_D3	72.07	361.72	363.32	363.44	364.04	0.009412	4.24	2.06	2.14	21.91	22.59	1.10
Rio Solano	53.333*	Max WS	TR200_D4	61.20	361.72	363.21	363.32	363.85	0.009096	3.97	1.94	2.00	19.58	21.30	1.07
Rio Solano	53.333*	Max WS	TR200_D6	45.80	361.72	363.12	363.09	363.55	0.006634	3.24	1.61	1.62	17.69	20.14	0.91
Rio Solano	50	Max WS	TR200_D2	77.48	361.42	363.28	362.98	363.58	0.003381	2.87	1.36	1.43	38.04	36.86	0.68
Rio Solano	50	Max WS	TR200_D0.5	57.66	361.42	363.10	362.76	363.33	0.002936	2.49	1.18	1.28	31.64	32.69	0.63
Rio Solano	50	Max WS	TR200_D1	75.01	361.42	363.25	362.96	363.55	0.003388	2.85	1.34	1.42	37.07	36.47	0.68
Rio Solano	50	Max WS	TR200_D3	72.08	361.42	363.22	362.94	363.51	0.003355	2.81	1.31	1.41	36.04	35.90	0.68
Rio Solano	50	Max WS	TR200_D4	61.20	361.42	363.12	362.79	363.37	0.003098	2.59	1.22	1.32	32.51	33.36	0.64
Rio Solano	50	Max WS	TR200_D6	22.73	361.42	363.06	362.24	363.10	0.000499	1.01	0.48	0.52	30.49	31.80	0.26
Rio Solano	45			Inl Struct											
Rio Solano	40	Max WS	TR200_D2	2.76	359.92	363.03		363.03	0.000001	0.07	0.03	0.03	56.86	30.92	0.01
Rio Solano	40	Max WS	TR200_D0.5	3.26	359.92	363.03		363.03	0.000001	0.08	0.03	0.04	56.88	30.93	0.01
Rio Solano	40	Max WS	TR200_D1	4.68	359.92	363.03		363.03	0.000003	0.11	0.05	0.06	56.87	30.92	0.02
Rio Solano	40	Max WS	TR200_D3	2.90	359.92	363.03		363.03	0.000001	0.07	0.03	0.04	56.85	30.91	0.01
Rio Solano	40	Max WS	TR200_D4	2.80	359.92	363.03		363.03	0.000001	0.07	0.03	0.03	56.85	30.91	0.01
Rio Solano	40	Max WS	TR200_D6	3.47	359.92	363.03		363.03	0.000001	0.08	0.04	0.04	56.85	30.91	0.02
Rio Solano	35.000*	Max WS	TR200_D2	2.69	359.75	363.03		363.03	0.000001	0.07	0.04	0.04	55.87	25.30	0.01
Rio Solano	35.000*	Max WS	TR200_D0.5	3.26	359.75	363.03		363.03	0.000001	0.08	0.04	0.05	55.89	25.31	0.01
Rio Solano	35.000*	Max WS	TR200_D1	3.11	359.75	363.03		363.03	0.000001	0.08	0.04	0.04	55.88	25.30	0.01
Rio Solano	35.000*	Max WS	TR200_D3	2.90	359.75	363.03		363.03	0.000001	0.07	0.04	0.04	55.87	25.30	0.01
Rio Solano	35.000*	Max WS	TR200_D4	2.80	359.75	363.03		363.03	0.000001	0.07	0.04	0.04	55.87	25.30	0.01
Rio Solano	35.000*	Max WS	TR200_D6	3.04	359.75	363.03		363.03	0.000001	0.07	0.04	0.04	55.87	25.30	0.01
Rio Solano	30	Max WS	TR200_D2	2.63	359.57	363.03		363.03	0.000001	0.07	0.04	0.04	53.85	21.82	0.01
Rio Solano	30	Max WS	TR200_D0.5	3.26	359.57	363.03		363.03	0.000001	0.09	0.05	0.05	53.86	21.82	0.01
Rio Solano	30	Max WS	TR200_D1	3.36	359.57	363.03		363.03	0.000001	0.09	0.05	0.05	53.85	21.82	0.02
Rio Solano	30	Max WS	TR200_D3	2.54	359.57	363.03		363.03	0.000001	0.07	0.04	0.04	53.84	21.82	0.01
Rio Solano	30	Max WS	TR200_D4	2.46	359.57	363.03		363.03	0.000001	0.06	0.04	0.04	53.84	21.82	0.01
Rio Solano	30	Max WS	TR200_D6	2.94	359.57	363.03		363.03	0.000001	0.08	0.05	0.05	53.84	21.82	0.01
Rio Solano	0	Max WS	TR200_D2	2.00	359.45	363.03	359.72	363.03	0.000000	0.02	0.01	0.01	129.02	51.64	0.00
Rio Solano	0	Max WS	TR200_D0.5	2.00	359.45	363.03	359.72	363.03	0.000000	0.02	0.01	0.01	129.02	51.64	0.00
Rio Solano	0	Max WS	TR200_D1	2.00	359.45	363.03	359.72	363.03	0.000000	0.02	0.01	0.01	129.02	51.64	0.00
Rio Solano	0	Max WS	TR200_D3	2.00	359.45	363.03	359.72	363.03	0.000000	0.02	0.01	0.01	129.02	51.64	0.00
Rio Solano	0	Max WS	TR200_D4	2.00	359.45	363.03	359.72	363.03	0.000000	0.02	0.01	0.01	129.02	51.64	0.00
Rio Solano	0	Max WS	TR200_D6	2.00	359.45	363.03	359.72	363.03	0.000000	0.02	0.01	0.01	129.02	51.64	0.00

ALLEGATI

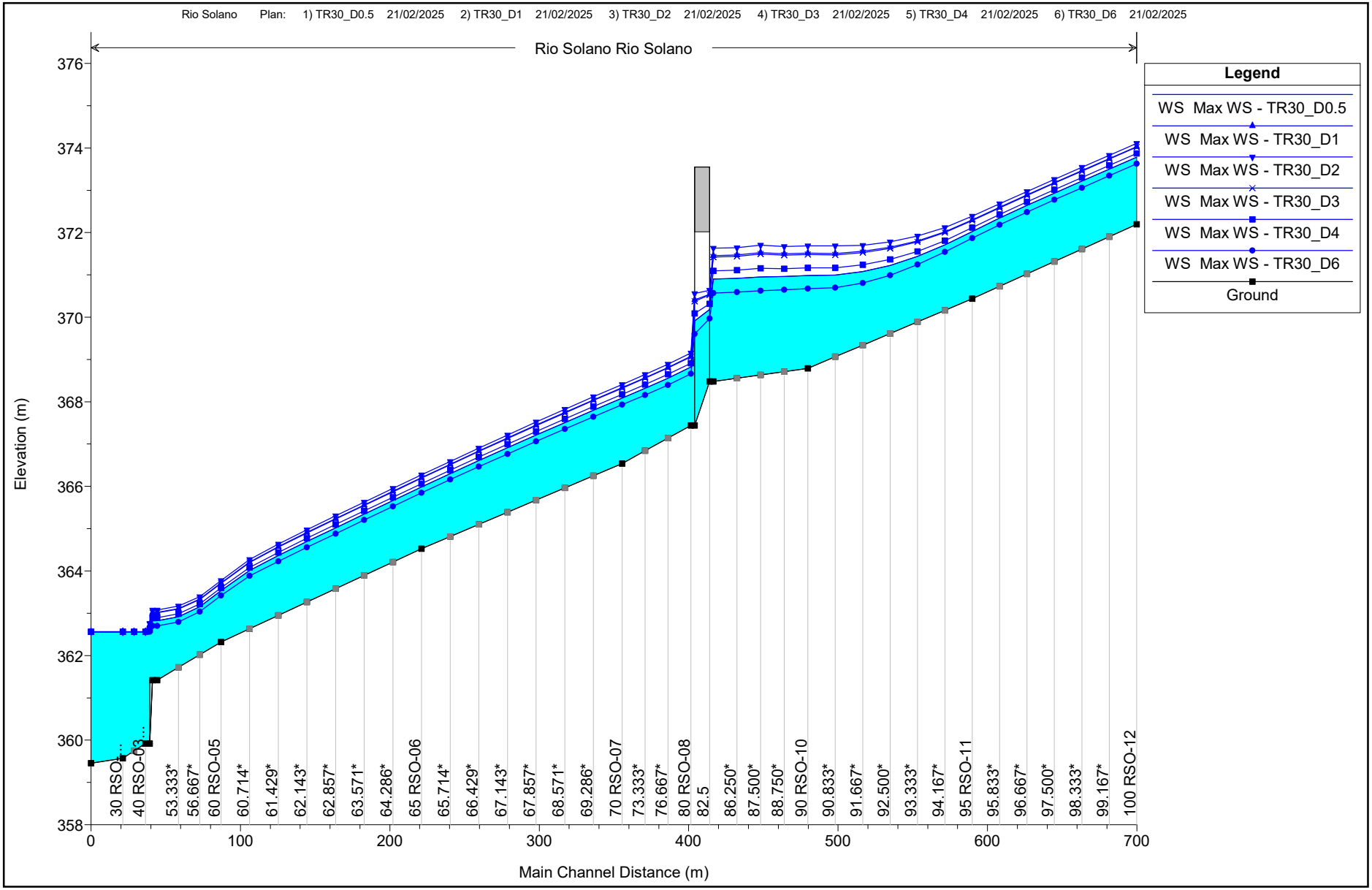
MODELLAZIONE HEC-RAS 5.0.7 "RIO SOLANO"

RIO SOLANO

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 0.5, 1, 2, 3, 4 e 6 h

Profilo longitudinale


Rio Solano Plan: 1) TR30_D0.5 21/02/2025 2) TR30_D1 21/02/2025 3) TR30_D2 21/02/2025 4) TR30_D3 21/02/2025 5) TR30_D4 21/02/2025 6) TR30_D6 21/02/2025
Rio Solano Rio Solano
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
WS Max WS - TR30_D3
WS Max WS - TR30_D4
WS Max WS - TR30_D6
Ground
Elevation (m)
Main Channel Distance (m)
358
360
362
364
366
368
370
372
374
376
0
100
200
300
400
500
600
700
30 RSO-...
40 RSO-03...
53.333*
56.667*
60 RSO-05
60.714*
61.429*
62.143*
62.857*
63.571*
64.286*
65 RSO-06
65.714*
66.429*
67.143*
67.857*
68.571*
69.286*
70 RSO-07
73.333*
76.667*
80 RSO-08
82.5
86.250*
87.500*
88.750*
90 RSO-10
90.833*
91.667*
92.500*
93.333*
94.167*
95 RSO-11
95.833*
96.667*
97.500*
98.333*
99.167*
100 RSO-12

ALLEGATI

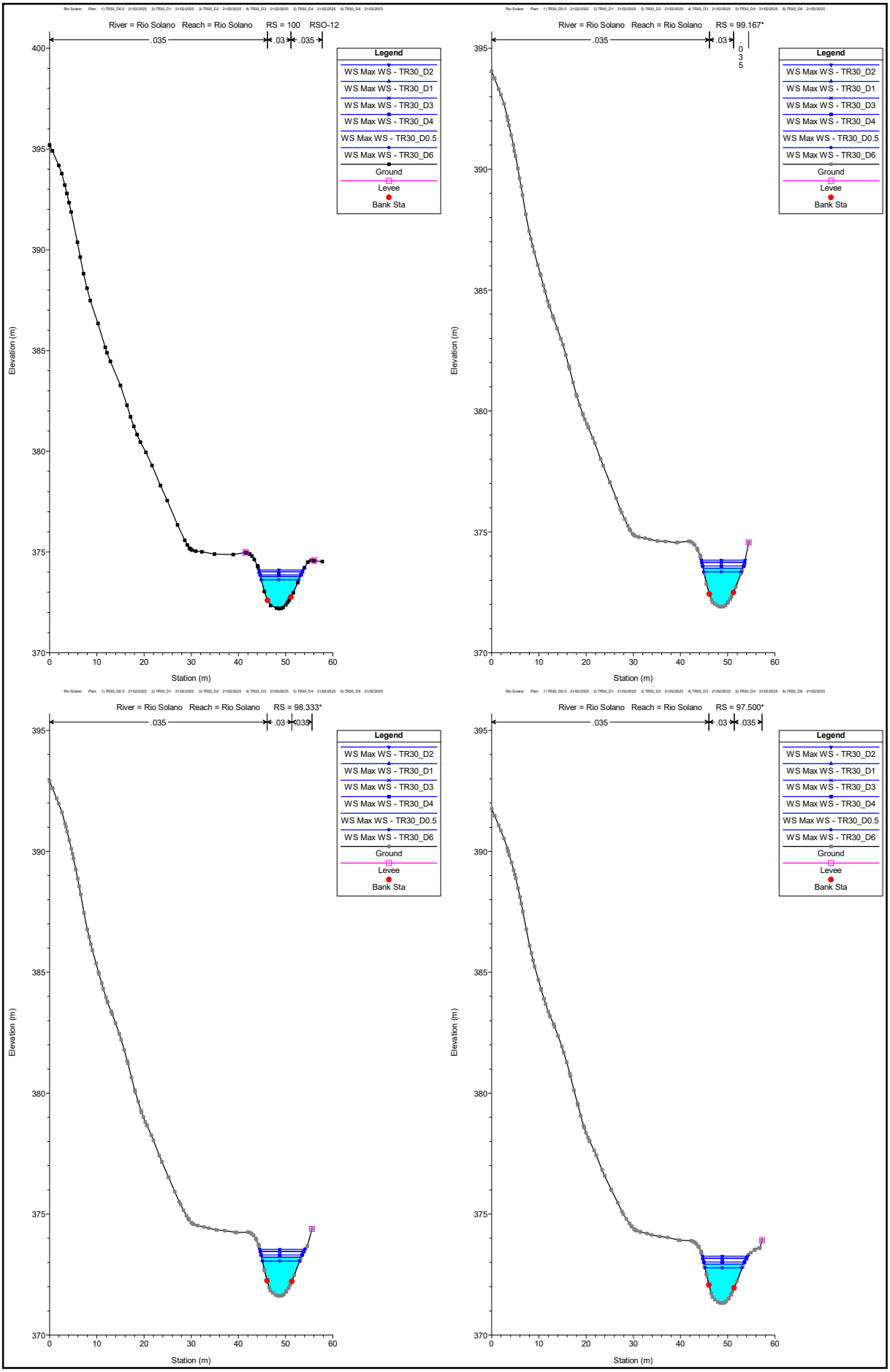
MODELLAZIONE HEC-RAS 5.0.7 "RIO SOLANO"

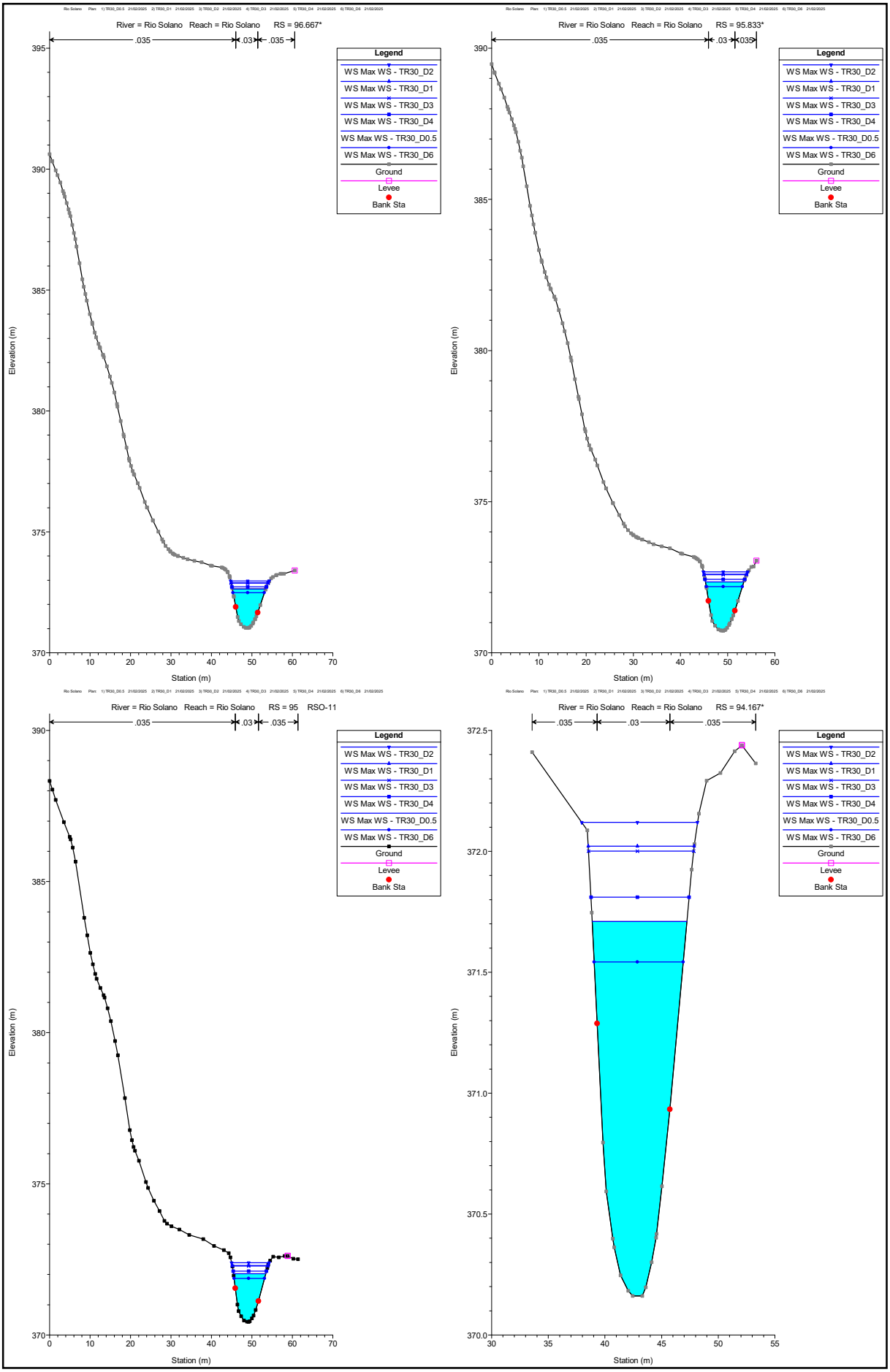
RIO SOLANO

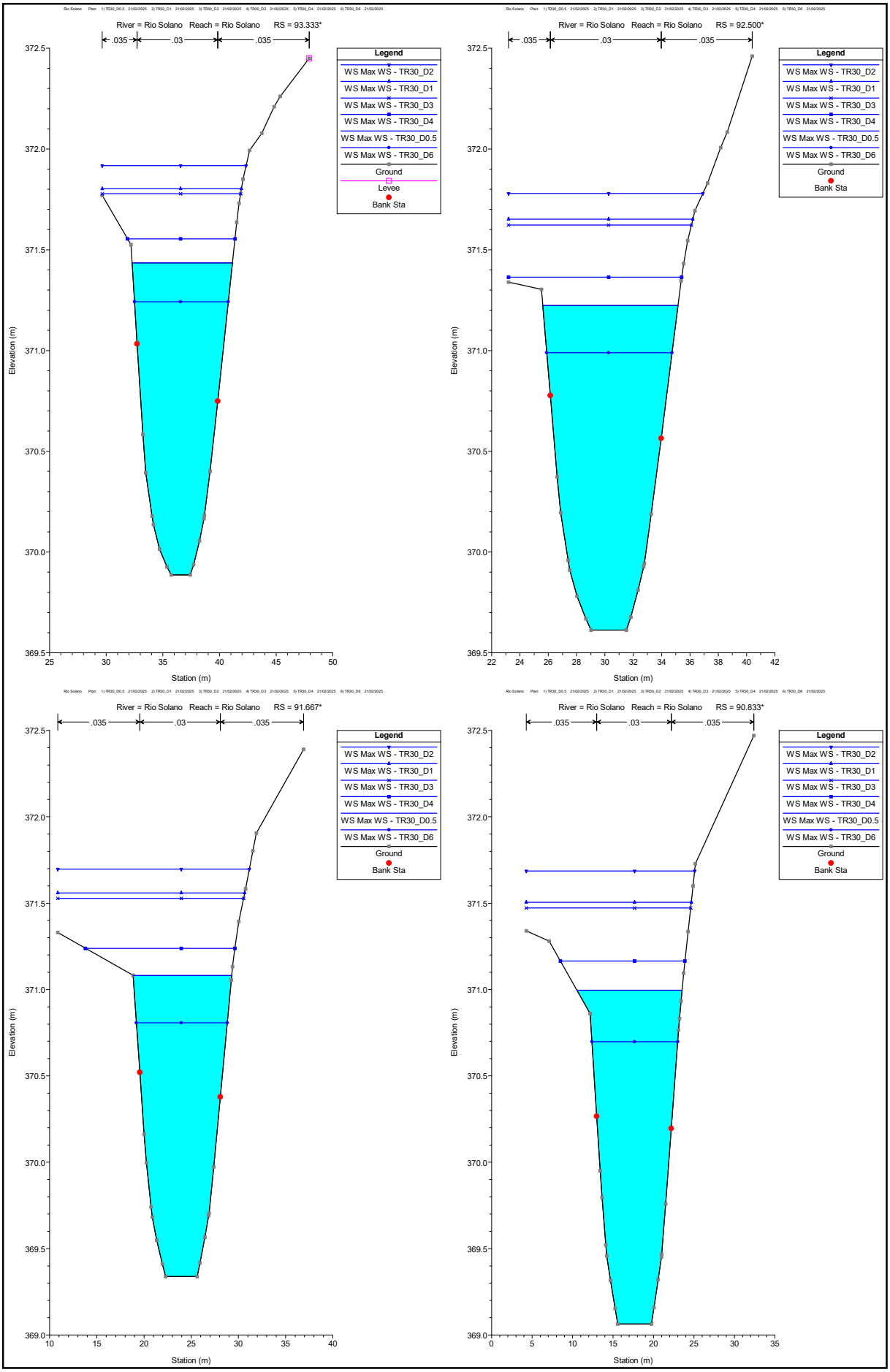
MODELLAZIONE PER TR= 30 anni

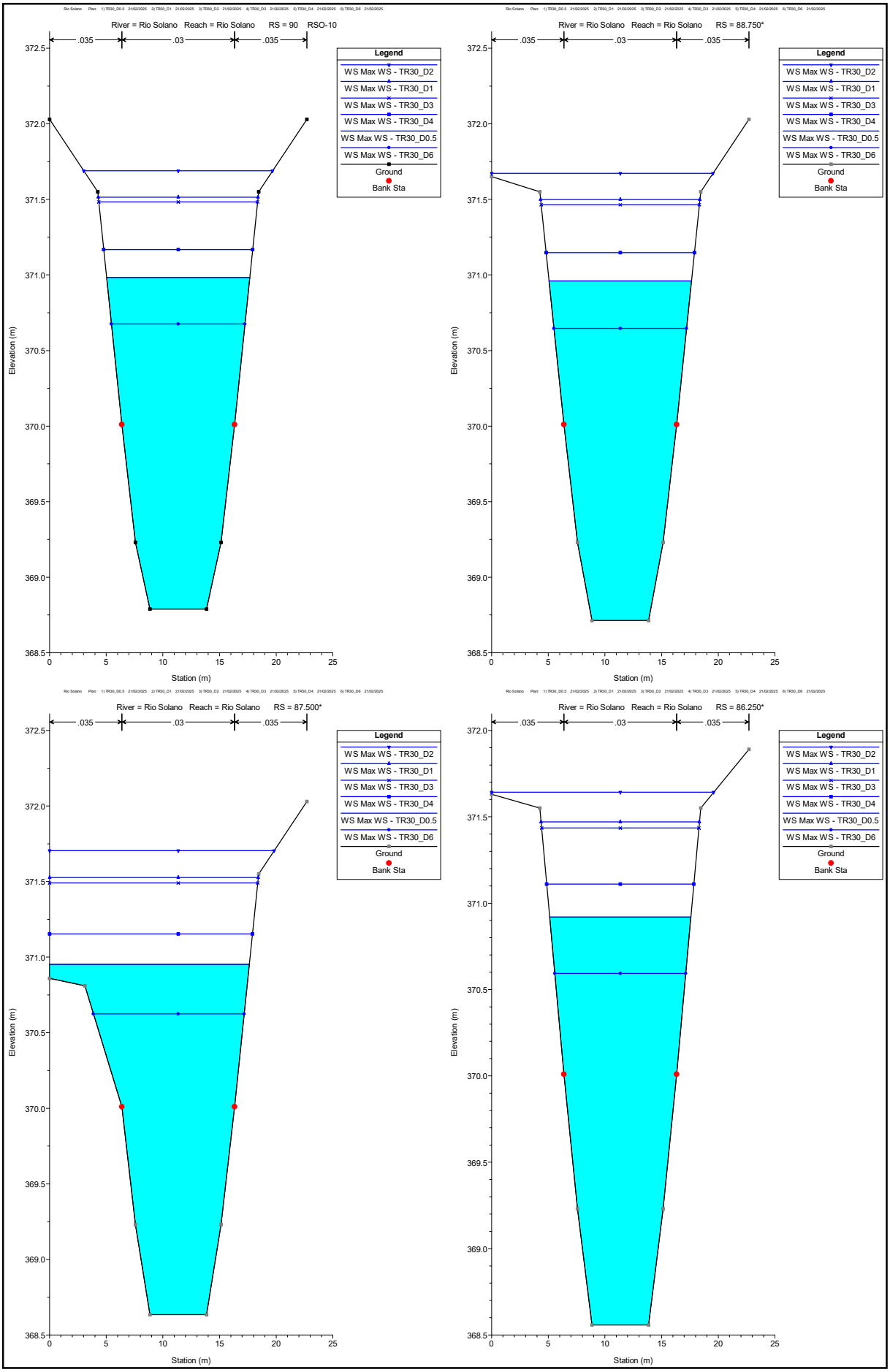
DURATE DI PIOGGIA: 0.5, 1, 2, 3, 4 e 6 h

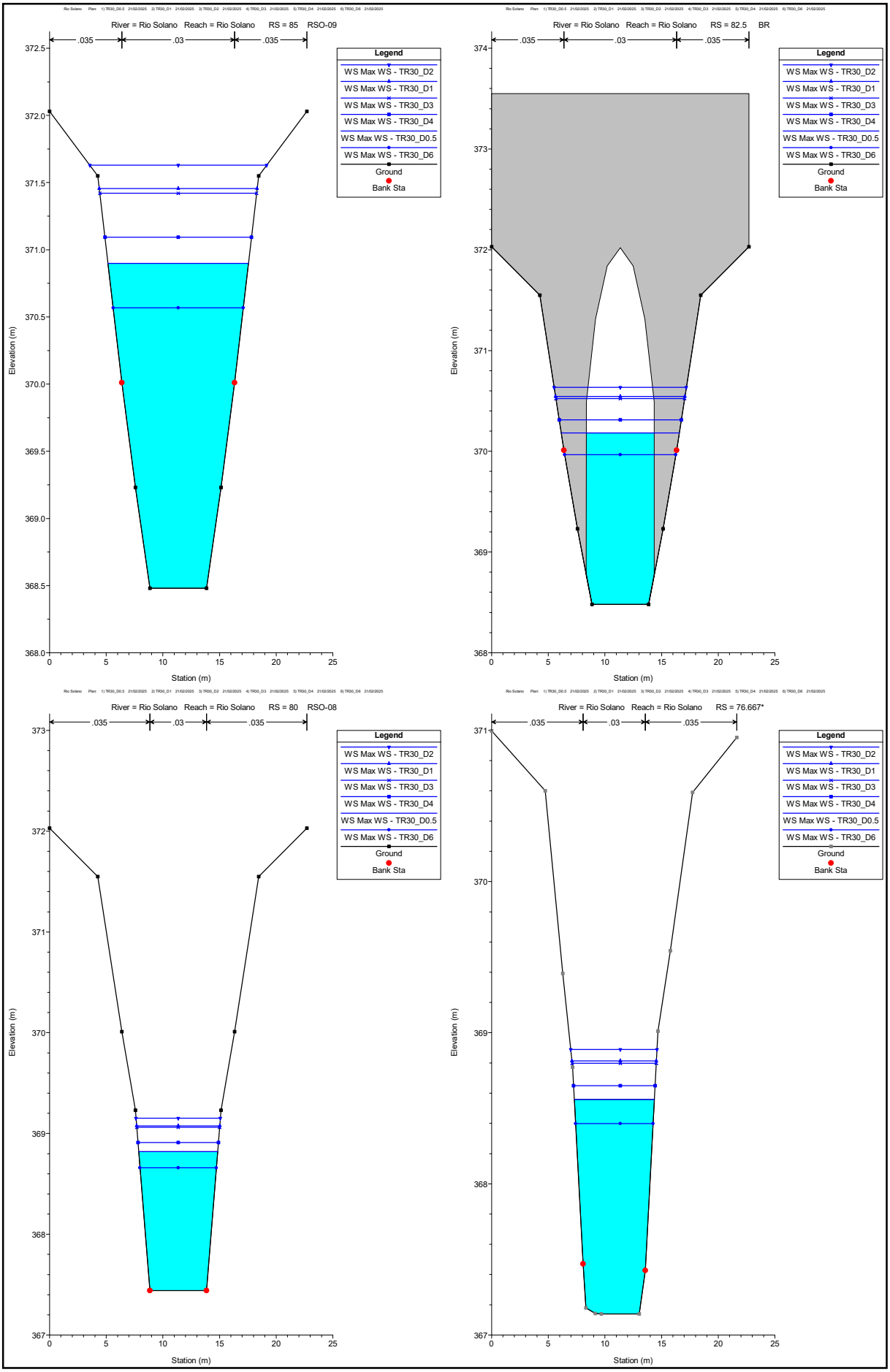
Sezioni Trasversali (da monte verso valle)

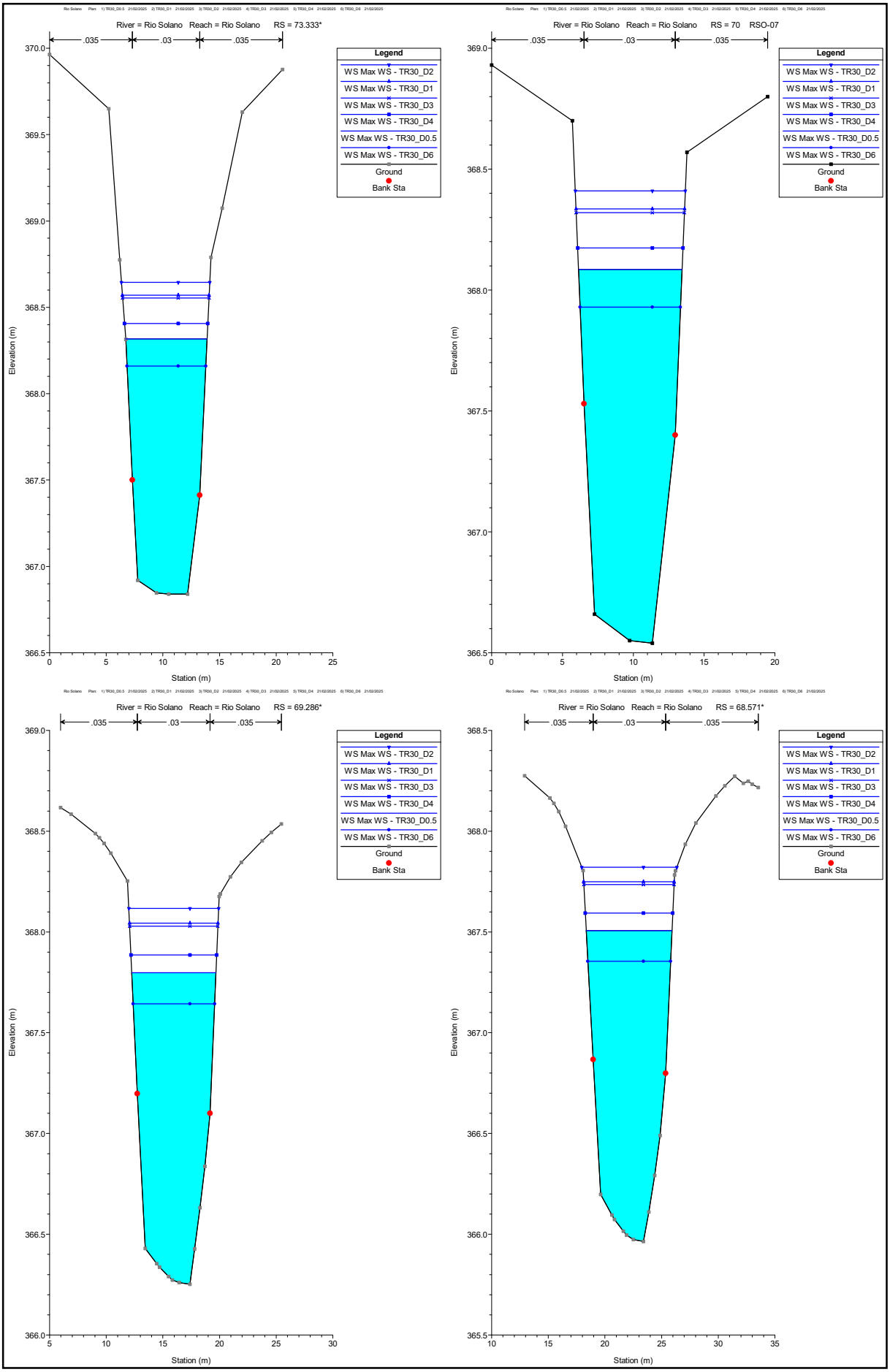

River = Rio Solano Reach = Rio Solano RS = 100 RSO-12
.035 .03 .035
Legend
WS Max WS - TR30_D2
WS Max WS - TR30_D1
WS Max WS - TR30_D3
WS Max WS - TR30_D4
WS Max WS - TR30_D0.5
WS Max WS - TR30_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
River = Rio Solano Reach = Rio Solano RS = 99.167*
.035 .03
Legend
WS Max WS - TR30_D2
WS Max WS - TR30_D1
WS Max WS - TR30_D3
WS Max WS - TR30_D4
WS Max WS - TR30_D0.5
WS Max WS - TR30_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
River = Rio Solano Reach = Rio Solano RS = 98.333*
.035 .03 .035
Legend
WS Max WS - TR30_D2
WS Max WS - TR30_D1
WS Max WS - TR30_D3
WS Max WS - TR30_D4
WS Max WS - TR30_D0.5
WS Max WS - TR30_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
River = Rio Solano Reach = Rio Solano RS = 97.500*
.035 .03 .035
Legend
WS Max WS - TR30_D2
WS Max WS - TR30_D1
WS Max WS - TR30_D3
WS Max WS - TR30_D4
WS Max WS - TR30_D0.5
WS Max WS - TR30_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)

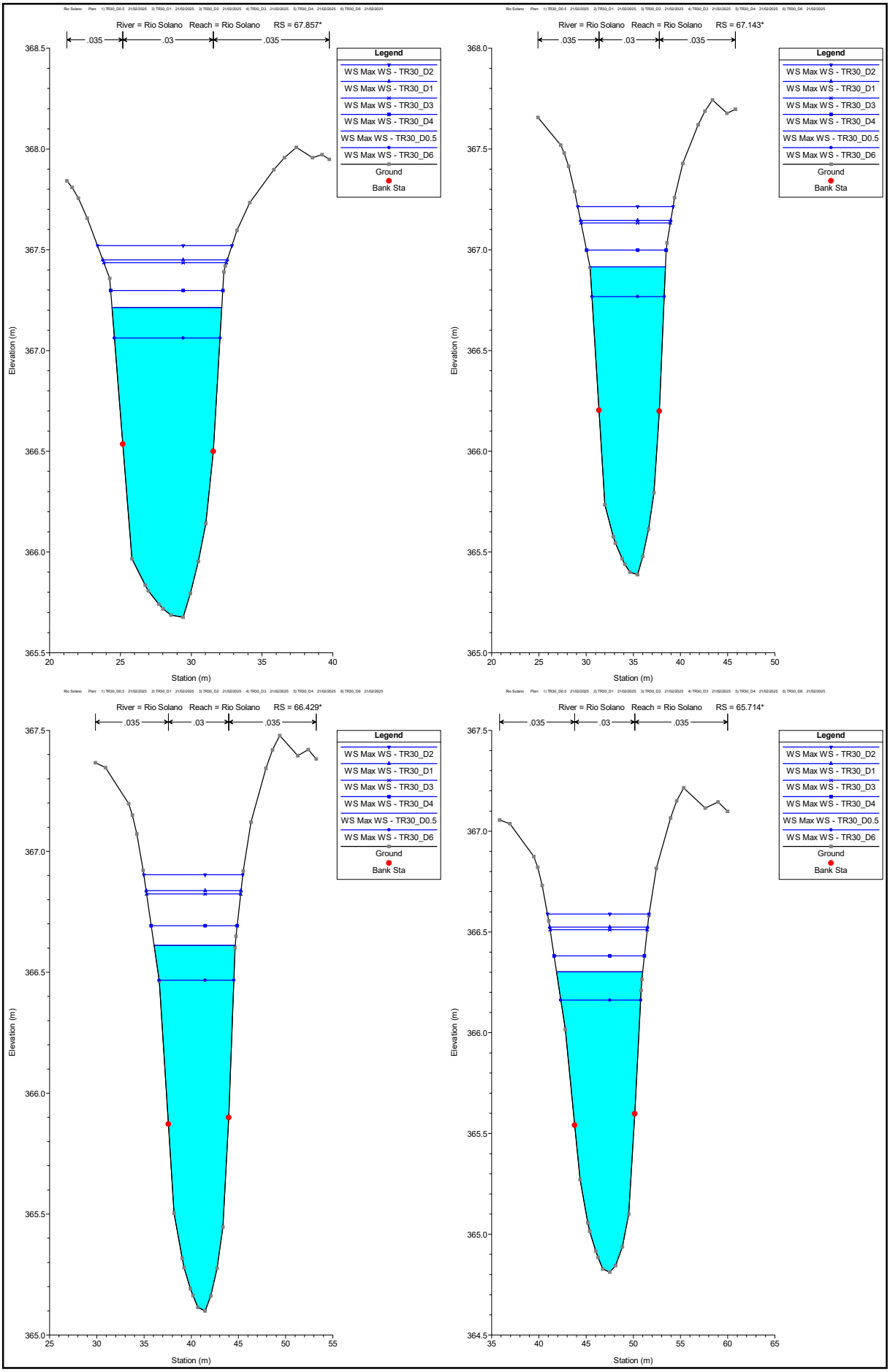

River = Rio Solano Reach = Rio Solano RS = 96.667*
.035
.03
.035
Legend
WS Max WS - TR30_D2
WS Max WS - TR30_D1
WS Max WS - TR30_D3
WS Max WS - TR30_D4
WS Max WS - TR30_D0.5
WS Max WS - TR30_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
River = Rio Solano Reach = Rio Solano RS = 95.833*
.035
.03
.035
Legend
WS Max WS - TR30_D2
WS Max WS - TR30_D1
WS Max WS - TR30_D3
WS Max WS - TR30_D4
WS Max WS - TR30_D0.5
WS Max WS - TR30_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
River = Rio Solano Reach = Rio Solano RS = 95 RSO-11
.035
.03
.035
Legend
WS Max WS - TR30_D2
WS Max WS - TR30_D1
WS Max WS - TR30_D3
WS Max WS - TR30_D4
WS Max WS - TR30_D0.5
WS Max WS - TR30_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
River = Rio Solano Reach = Rio Solano RS = 94.167*
.035
.03
.035
Legend
WS Max WS - TR30_D2
WS Max WS - TR30_D1
WS Max WS - TR30_D3
WS Max WS - TR30_D4
WS Max WS - TR30_D0.5
WS Max WS - TR30_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)

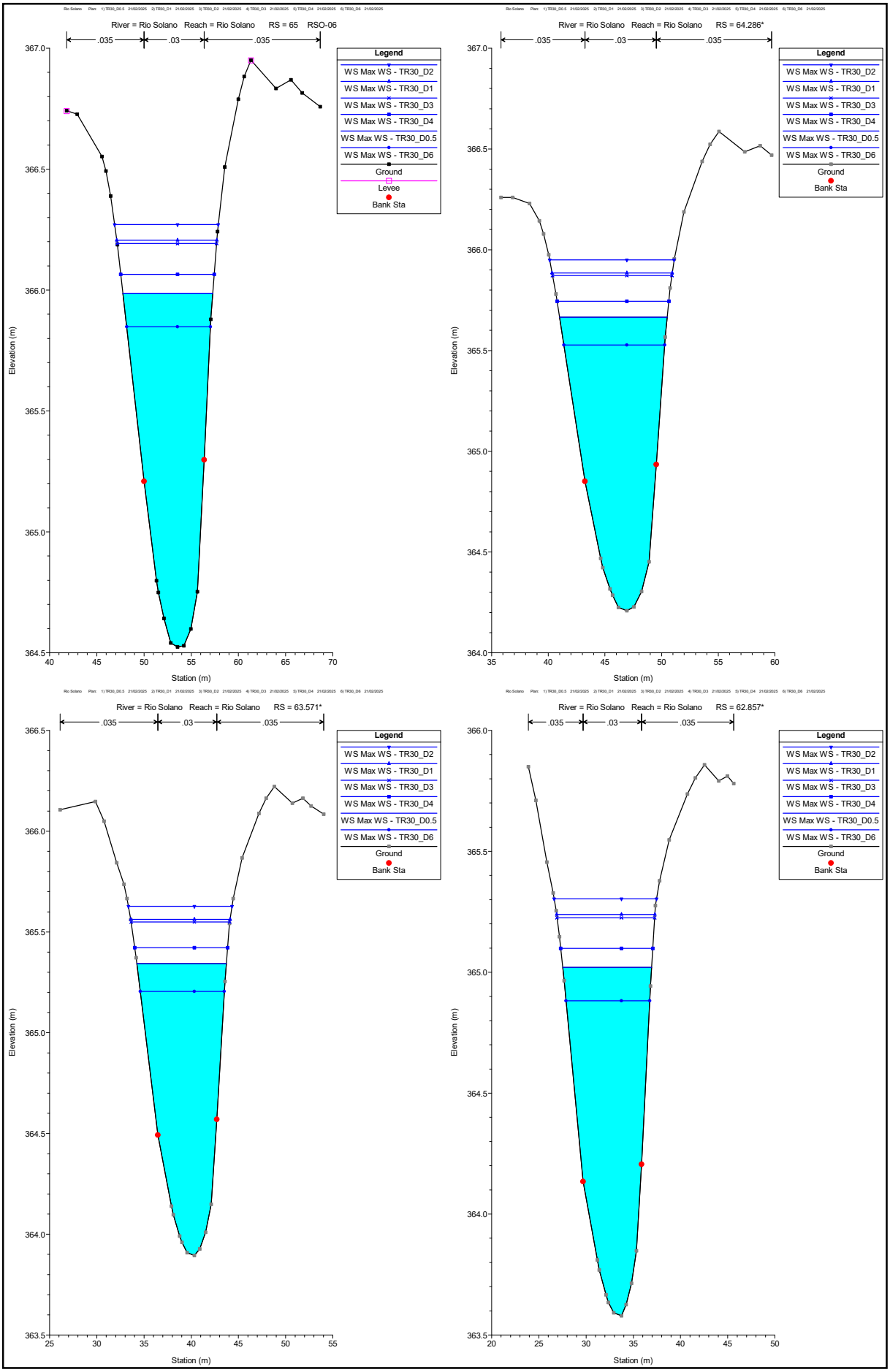

River = Rio Solano Reach = Rio Solano RS = 93.333*
.035 .03 .035
Legend
WS Max WS - TR30_D2
WS Max WS - TR30_D1
WS Max WS - TR30_D3
WS Max WS - TR30_D4
WS Max WS - TR30_D0.5
WS Max WS - TR30_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
River = Rio Solano Reach = Rio Solano RS = 92.500*
.035 .03 .035
Legend
WS Max WS - TR30_D2
WS Max WS - TR30_D1
WS Max WS - TR30_D3
WS Max WS - TR30_D4
WS Max WS - TR30_D0.5
WS Max WS - TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
River = Rio Solano Reach = Rio Solano RS = 91.667*
.035 .03 .035
Legend
WS Max WS - TR30_D2
WS Max WS - TR30_D1
WS Max WS - TR30_D3
WS Max WS - TR30_D4
WS Max WS - TR30_D0.5
WS Max WS - TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
River = Rio Solano Reach = Rio Solano RS = 90.833*
.035 .03 .035
Legend
WS Max WS - TR30_D2
WS Max WS - TR30_D1
WS Max WS - TR30_D3
WS Max WS - TR30_D4
WS Max WS - TR30_D0.5
WS Max WS - TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)

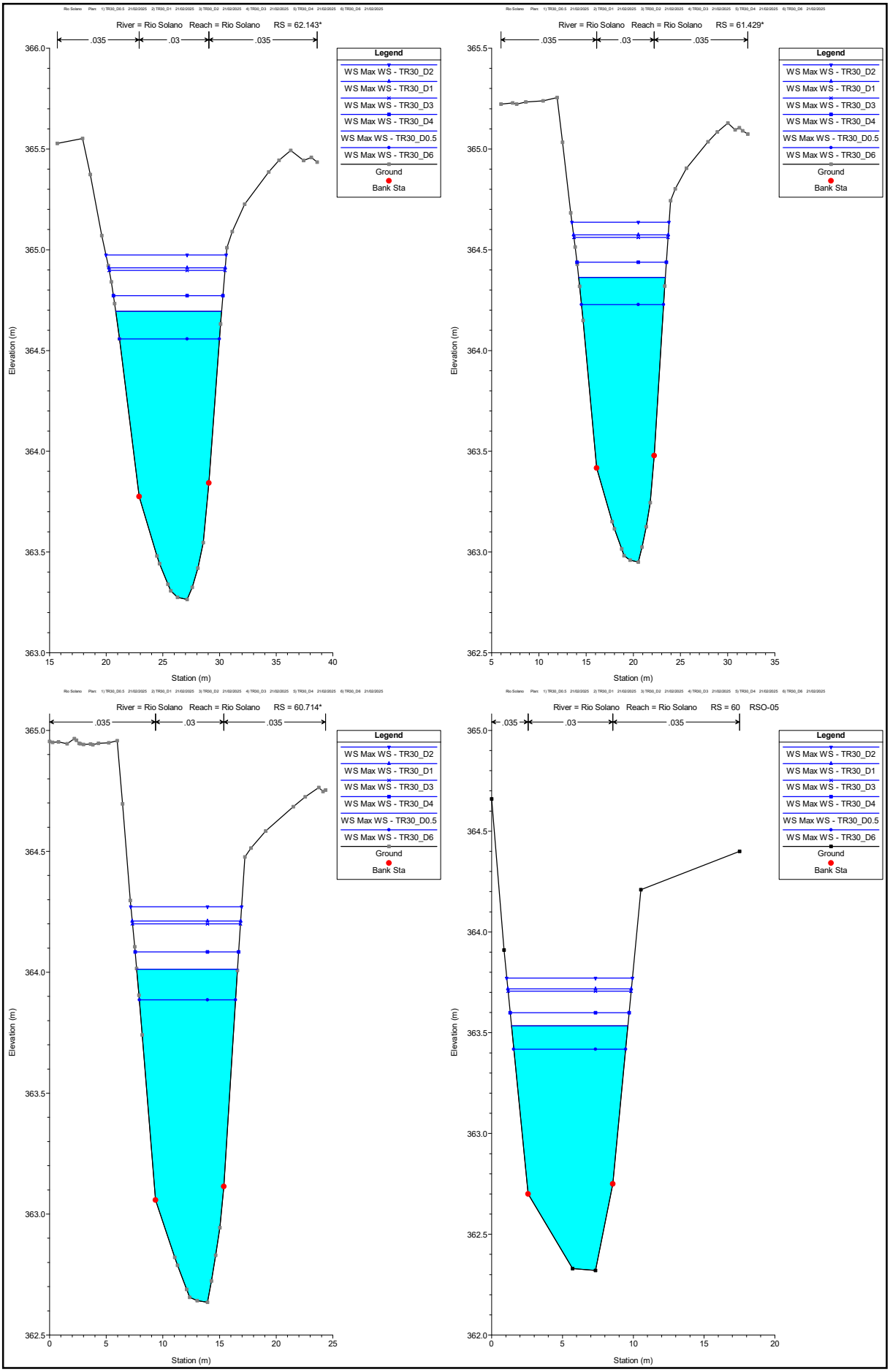

River = Rio Solano Reach = Rio Solano RS = 90 RSO-10
.035
.03
.035
Legend
WS Max WS - TR30_D2
WS Max WS - TR30_D1
WS Max WS - TR30_D3
WS Max WS - TR30_D4
WS Max WS - TR30_D0.5
WS Max WS - TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
River = Rio Solano Reach = Rio Solano RS = 88.750*
River = Rio Solano Reach = Rio Solano RS = 87.500*
River = Rio Solano Reach = Rio Solano RS = 86.250*

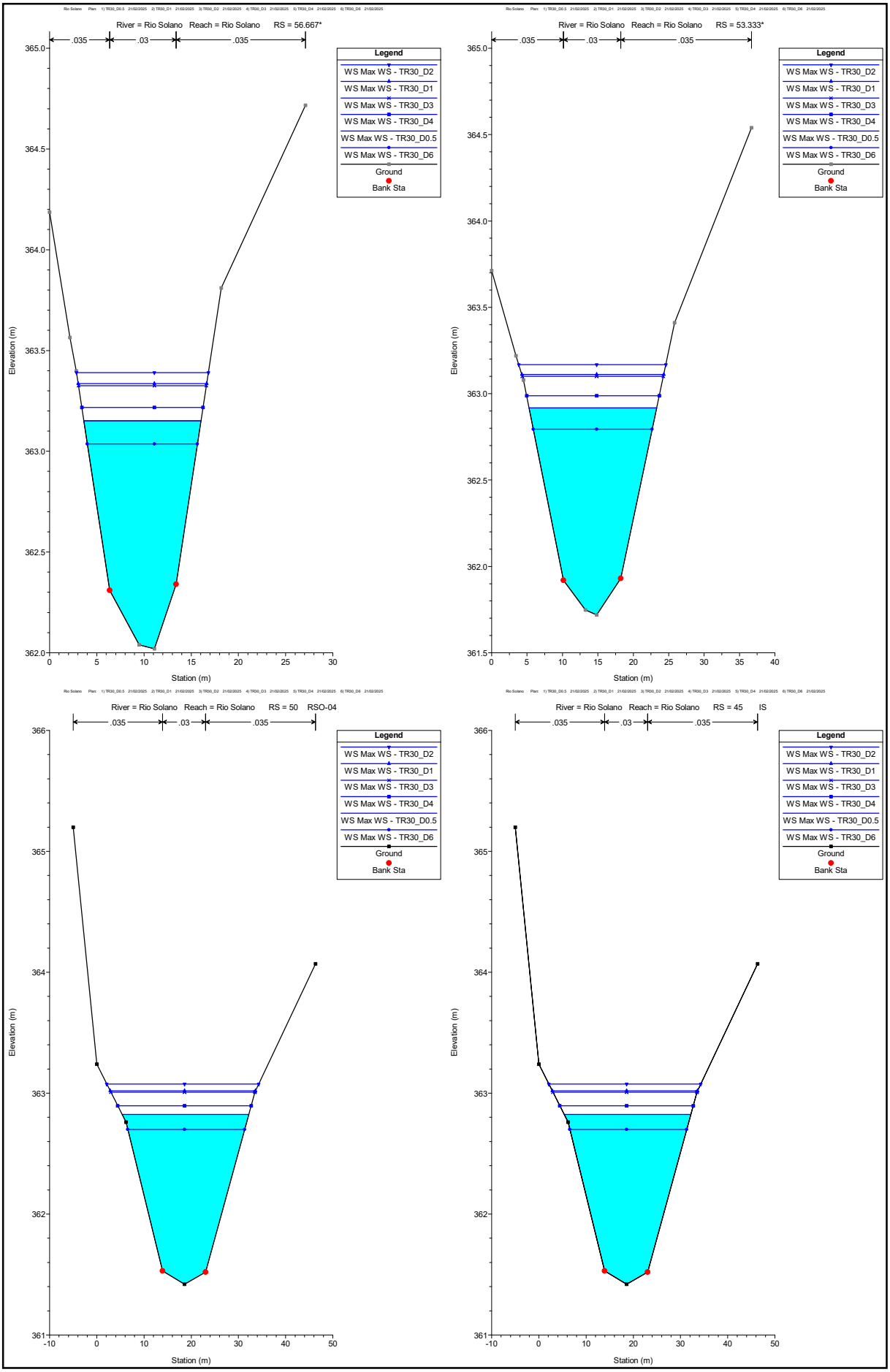

River = Rio Solano Reach = Rio Solano RS = 85 RSO-09
.035 .03 .035
Legend
WS Max WS - TR30_D2
WS Max WS - TR30_D1
WS Max WS - TR30_D3
WS Max WS - TR30_D4
WS Max WS - TR30_D0.5
WS Max WS - TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
River = Rio Solano Reach = Rio Solano RS = 82.5 BR
River = Rio Solano Reach = Rio Solano RS = 80 RSO-08
River = Rio Solano Reach = Rio Solano RS = 76.667*

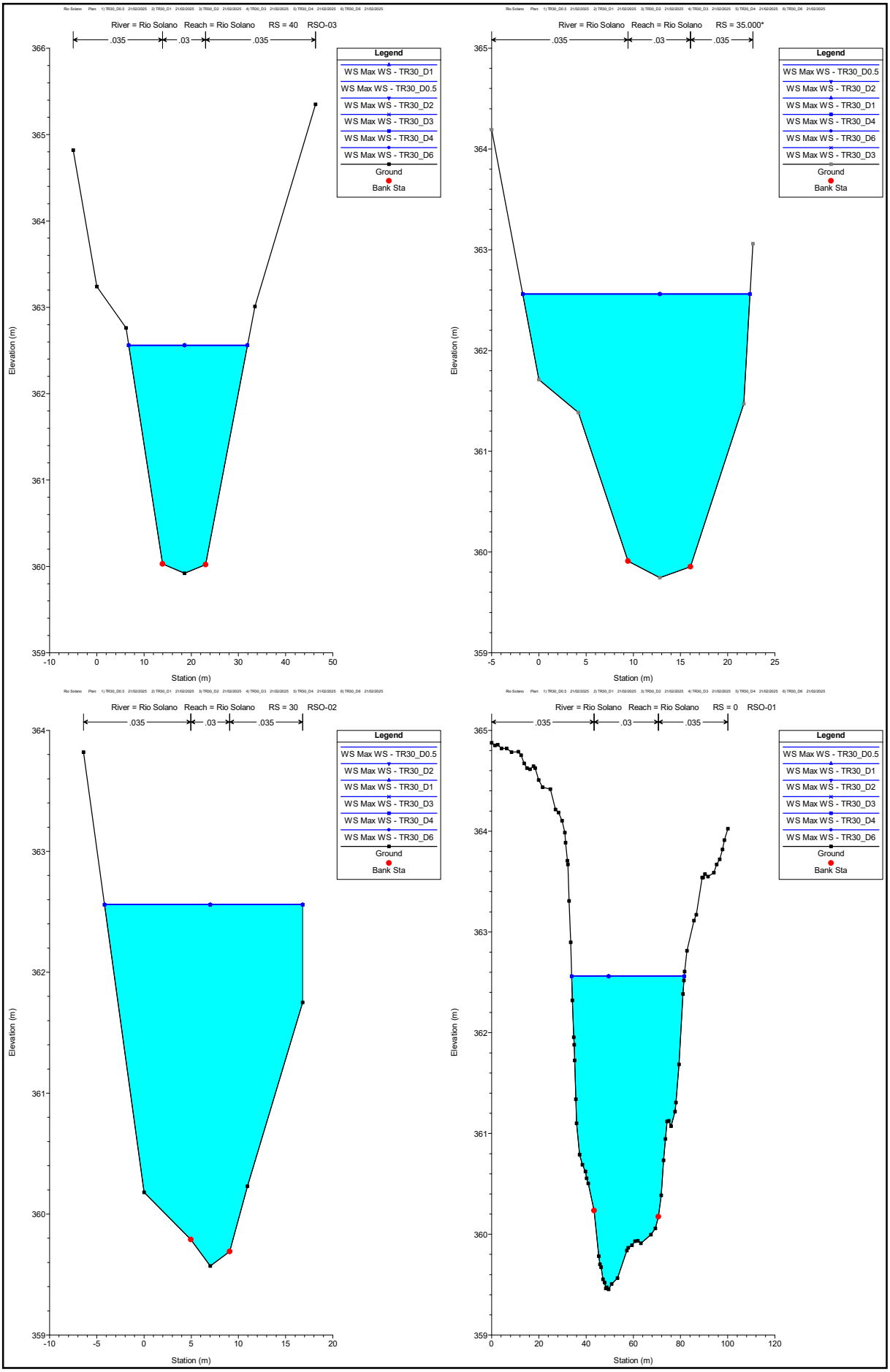

River = Rio Solano Reach = Rio Solano RS = 73.333*
.035 .03 .035
Legend
WS Max WS - TR30_D2
WS Max WS - TR30_D1
WS Max WS - TR30_D3
WS Max WS - TR30_D4
WS Max WS - TR30_D0.5
WS Max WS - TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
River = Rio Solano Reach = Rio Solano RS = 70 RSO-07
River = Rio Solano Reach = Rio Solano RS = 69.286*
River = Rio Solano Reach = Rio Solano RS = 68.571*


River = Rio Solano Reach = Rio Solano RS = 67.857*
.035 .03 .035
Legend
WS Max WS - TR30_D2
WS Max WS - TR30_D1
WS Max WS - TR30_D3
WS Max WS - TR30_D4
WS Max WS - TR30_D0.5
WS Max WS - TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
River = Rio Solano Reach = Rio Solano RS = 67.143*
.035 .03 .035
Legend
WS Max WS - TR30_D2
WS Max WS - TR30_D1
WS Max WS - TR30_D3
WS Max WS - TR30_D4
WS Max WS - TR30_D0.5
WS Max WS - TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
River = Rio Solano Reach = Rio Solano RS = 66.429*
.035 .03 .035
Legend
WS Max WS - TR30_D2
WS Max WS - TR30_D1
WS Max WS - TR30_D3
WS Max WS - TR30_D4
WS Max WS - TR30_D0.5
WS Max WS - TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
River = Rio Solano Reach = Rio Solano RS = 65.714*
.035 .03 .035
Legend
WS Max WS - TR30_D2
WS Max WS - TR30_D1
WS Max WS - TR30_D3
WS Max WS - TR30_D4
WS Max WS - TR30_D0.5
WS Max WS - TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)


River = Rio Solano Reach = Rio Solano RS = 65 RSO-06
.035
.03
.035
Legend
WS Max WS - TR30_D2
WS Max WS - TR30_D1
WS Max WS - TR30_D3
WS Max WS - TR30_D4
WS Max WS - TR30_D0.5
WS Max WS - TR30_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
River = Rio Solano Reach = Rio Solano RS = 64.286*
.035
.03
.035
Legend
WS Max WS - TR30_D2
WS Max WS - TR30_D1
WS Max WS - TR30_D3
WS Max WS - TR30_D4
WS Max WS - TR30_D0.5
WS Max WS - TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
River = Rio Solano Reach = Rio Solano RS = 63.571*
.035
.03
.035
Legend
WS Max WS - TR30_D2
WS Max WS - TR30_D1
WS Max WS - TR30_D3
WS Max WS - TR30_D4
WS Max WS - TR30_D0.5
WS Max WS - TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
River = Rio Solano Reach = Rio Solano RS = 62.857*
.035
.03
.035
Legend
WS Max WS - TR30_D2
WS Max WS - TR30_D1
WS Max WS - TR30_D3
WS Max WS - TR30_D4
WS Max WS - TR30_D0.5
WS Max WS - TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)


River = Rio Solano Reach = Rio Solano RS = 62.143*
.035
.03
.035
Legend
WS Max WS - TR30_D2
WS Max WS - TR30_D1
WS Max WS - TR30_D3
WS Max WS - TR30_D4
WS Max WS - TR30_D0.5
WS Max WS - TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
River = Rio Solano Reach = Rio Solano RS = 61.429*
.035
.03
.035
Legend
WS Max WS - TR30_D2
WS Max WS - TR30_D1
WS Max WS - TR30_D3
WS Max WS - TR30_D4
WS Max WS - TR30_D0.5
WS Max WS - TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
River = Rio Solano Reach = Rio Solano RS = 60.714*
.035
.03
.035
Legend
WS Max WS - TR30_D2
WS Max WS - TR30_D1
WS Max WS - TR30_D3
WS Max WS - TR30_D4
WS Max WS - TR30_D0.5
WS Max WS - TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
River = Rio Solano Reach = Rio Solano RS = 60 RSO-05
.035
.03
.035
Legend
WS Max WS - TR30_D2
WS Max WS - TR30_D1
WS Max WS - TR30_D3
WS Max WS - TR30_D4
WS Max WS - TR30_D0.5
WS Max WS - TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)


River = Rio Solano Reach = Rio Solano RS = 56.667*
.035
.03
.035
Legend
WS Max WS - TR30_D2
WS Max WS - TR30_D1
WS Max WS - TR30_D3
WS Max WS - TR30_D4
WS Max WS - TR30_D0.5
WS Max WS - TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
River = Rio Solano Reach = Rio Solano RS = 53.333*
River = Rio Solano Reach = Rio Solano RS = 50 RSO-04
River = Rio Solano Reach = Rio Solano RS = 45 IS


River = Rio Solano Reach = Rio Solano RS = 40 RSO-03
.035 .03 .035
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
WS Max WS - TR30_D3
WS Max WS - TR30_D4
WS Max WS - TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
River = Rio Solano Reach = Rio Solano RS = 35.000*
.035 .03 .035
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
WS Max WS - TR30_D1
WS Max WS - TR30_D4
WS Max WS - TR30_D6
WS Max WS - TR30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
River = Rio Solano Reach = Rio Solano RS = 30 RSO-02
.035 .03 .035
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
WS Max WS - TR30_D1
WS Max WS - TR30_D3
WS Max WS - TR30_D4
WS Max WS - TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
River = Rio Solano Reach = Rio Solano RS = 0 RSO-01
.035 .03 .035
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
WS Max WS - TR30_D3
WS Max WS - TR30_D4
WS Max WS - TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)

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MODELLAZIONE HEC-RAS 5.0.7 "RIO SOLANO"

RIO SOLANO

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 0.5, 1, 2, 3, 4 e 6 h

Dati idraulici

HEC-RAS River: Rio Solano Reach: Rio Solano Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Rio Solano	100	Max WS	TR30_D0.5	41.09	372.20	373.78	374.15	375.02	0.015406	5.16	2.26	2.14	9.12	8.44	1.38
Rio Solano	100	Max WS	TR30_D1	55.20	372.20	374.03	374.50	375.53	0.015420	5.74	2.54	2.45	11.30	9.19	1.41
Rio Solano	100	Max WS	TR30_D2	60.09	372.20	374.11	374.51	375.69	0.015427	5.92	2.62	2.54	12.02	9.44	1.43
Rio Solano	100	Max WS	TR30_D3	54.40	372.20	374.02	374.48	375.50	0.015420	5.71	2.52	2.43	11.18	9.15	1.41
Rio Solano	100	Max WS	TR30_D4	45.70	372.20	373.87	374.26	375.20	0.015396	5.36	2.35	2.25	9.85	8.69	1.39
Rio Solano	100	Max WS	TR30_D6	33.10	372.20	373.63	373.94	374.70	0.015398	4.77	2.06	1.91	7.82	7.99	1.35
Rio Solano	99.99			Lat Struct											
Rio Solano	99.167*	Max WS	TR30_D0.5	41.08	371.90	373.50	373.87	374.74	0.015473	5.13	2.09	2.11	9.07	8.44	1.37
Rio Solano	99.167*	Max WS	TR30_D1	55.20	371.90	373.75	374.19	375.24	0.015430	5.70	2.37	2.47	11.24	9.13	1.41
Rio Solano	99.167*	Max WS	TR30_D2	60.08	371.90	373.83	374.29	375.40	0.015410	5.88	2.46	2.59	11.96	9.29	1.42
Rio Solano	99.167*	Max WS	TR30_D3	54.40	371.90	373.74	374.17	375.22	0.015446	5.68	2.36	2.45	11.12	9.10	1.41
Rio Solano	99.167*	Max WS	TR30_D4	45.70	371.90	373.59	373.98	374.92	0.015479	5.34	2.19	2.22	9.79	8.71	1.39
Rio Solano	99.167*	Max WS	TR30_D6	33.10	371.90	373.34	373.66	374.42	0.015477	4.75	1.89	1.89	7.76	7.95	1.35
Rio Solano	98.333*	Max WS	TR30_D0.5	41.08	371.61	373.22	373.59	374.46	0.015558	5.11	1.91	2.09	9.02	8.40	1.37
Rio Solano	98.333*	Max WS	TR30_D1	55.20	371.61	373.47	373.94	374.97	0.015540	5.68	2.21	2.38	11.20	9.30	1.41
Rio Solano	98.333*	Max WS	TR30_D2	60.08	371.61	373.54	374.04	375.13	0.015528	5.85	2.29	2.45	11.94	9.61	1.42
Rio Solano	98.333*	Max WS	TR30_D3	54.39	371.61	373.45	373.93	374.94	0.015560	5.65	2.19	2.36	11.07	9.24	1.40
Rio Solano	98.333*	Max WS	TR30_D4	45.70	371.61	373.30	373.73	374.63	0.015569	5.31	2.02	2.20	9.74	8.69	1.38
Rio Solano	98.333*	Max WS	TR30_D6	33.10	371.61	373.06	373.36	374.13	0.015567	4.72	1.71	1.88	7.72	7.90	1.34
Rio Solano	97.500*	Max WS	TR30_D0.5	41.07	371.32	372.93	373.29	374.17	0.015722	5.08	1.73	2.09	8.96	8.33	1.37
Rio Solano	97.500*	Max WS	TR30_D1	55.20	371.32	373.18	373.74	374.68	0.015659	5.65	2.03	2.36	11.14	9.27	1.40
Rio Solano	97.500*	Max WS	TR30_D2	60.07	371.32	373.26	373.83	374.84	0.015639	5.82	2.12	2.42	11.88	9.63	1.41
Rio Solano	97.500*	Max WS	TR30_D3	54.38	371.32	373.17	373.72	374.65	0.015684	5.62	2.02	2.35	11.01	9.21	1.40
Rio Solano	97.500*	Max WS	TR30_D4	45.70	371.32	373.02	373.41	374.35	0.015720	5.28	1.84	2.19	9.68	8.63	1.38
Rio Solano	97.500*	Max WS	TR30_D6	33.10	371.32	372.77	373.08	373.84	0.015691	4.69	1.52	1.86	7.68	7.83	1.34
Rio Solano	96.667*	Max WS	TR30_D0.5	41.07	371.02	372.64	373.01	373.88	0.015994	5.06	1.54	2.08	8.89	8.24	1.37
Rio Solano	96.667*	Max WS	TR30_D1	55.20	371.02	372.89	373.26	374.39	0.015830	5.62	1.85	2.36	11.07	9.18	1.40
Rio Solano	96.667*	Max WS	TR30_D2	60.06	371.02	372.97	373.68	374.55	0.015798	5.80	1.94	2.41	11.80	9.57	1.41
Rio Solano	96.667*	Max WS	TR30_D3	54.38	371.02	372.88	373.26	374.37	0.015868	5.60	1.83	2.34	10.94	9.12	1.40
Rio Solano	96.667*	Max WS	TR30_D4	45.70	371.02	372.73	373.08	374.06	0.015980	5.26	1.65	2.19	9.60	8.53	1.38
Rio Solano	96.667*	Max WS	TR30_D6	33.10	371.02	372.48	372.79	373.55	0.015953	4.67	1.31	1.85	7.63	7.76	1.34
Rio Solano	95.833*	Max WS	TR30_D0.5	41.07	370.73	372.34	372.70	373.60	0.016576	5.07	1.34	2.08	8.77	8.13	1.38
Rio Solano	95.833*	Max WS	TR30_D1	55.19	370.73	372.60	373.12	374.10	0.016120	5.61	1.65	2.36	10.97	9.06	1.40
Rio Solano	95.833*	Max WS	TR30_D2	59.94	370.73	372.68	373.17	374.25	0.015921	5.75	1.74	2.42	11.72	9.42	1.41
Rio Solano	95.833*	Max WS	TR30_D3	54.38	370.73	372.58	373.09	374.08	0.016177	5.58	1.64	2.35	10.84	8.99	1.40
Rio Solano	95.833*	Max WS	TR30_D4	45.70	370.73	372.43	372.83	373.77	0.016490	5.27	1.46	2.20	9.49	8.40	1.39
Rio Solano	95.833*	Max WS	TR30_D6	33.10	370.73	372.19	372.49	373.26	0.016548	4.67	1.11	1.84	7.54	7.65	1.35
Rio Solano	95	Max WS	TR30_D0.5	41.06	370.44	372.03	372.42	373.33	0.018045	5.15	1.13	2.10	8.53	7.97	1.43
Rio Solano	95	Max WS	TR30_D1	55.19	370.44	372.30	372.59	373.81	0.016637	5.61	1.46	2.39	10.83	8.86	1.41
Rio Solano	95	Max WS	TR30_D2	59.79	370.44	372.39	372.59	373.95	0.016125	5.72	1.54	2.42	11.63	9.27	1.40
Rio Solano	95	Max WS	TR30_D3	54.37	370.44	372.28	372.59	373.79	0.016785	5.59	1.45	2.38	10.68	8.80	1.42
Rio Solano	95	Max WS	TR30_D4	45.69	370.44	372.12	372.52	373.50	0.017685	5.33	1.25	2.22	9.26	8.25	1.43
Rio Solano	95	Max WS	TR30_D6	33.10	370.44	371.87	372.21	373.00	0.018259	4.77	0.88	1.86	7.32	7.50	1.41
Rio Solano	94.167*	Max WS	TR30_D0.5	41.05	370.16	371.71	372.03	372.87	0.016443	4.83	1.04	1.80	8.93	8.36	1.36
Rio Solano	94.167*	Max WS	TR30_D1	55.19	370.16	372.02	372.60	373.30	0.013795	5.11	1.36	2.05	11.68	9.35	1.29
Rio Solano	94.167*	Max WS	TR30_D2	59.71	370.16	372.12	372.67	373.42	0.013053	5.18	1.19	2.07	12.64	10.23	1.27
Rio Solano	94.167*	Max WS	TR30_D3	54.37	370.16	372.00	372.27	373.28	0.014019	5.11	1.35	2.04	11.49	9.28	1.30
Rio Solano	94.167*	Max WS	TR30_D4	45.69	370.16	371.81	372.14	373.02	0.015624	4.95	1.16	1.91	9.79	8.67	1.34
Rio Solano	94.167*	Max WS	TR30_D6	33.10	370.16	371.54	371.83	372.57	0.017378	4.53	0.76	1.58	7.58	7.86	1.37
Rio Solano	94.15			Lat Struct											
Rio Solano	93.333*	Max WS	TR30_D0.5	40.98	369.89	371.44	371.69	372.40	0.013557	4.40	0.94	1.50	9.69	8.86	1.24
Rio Solano	93.333*	Max WS	TR30_D1	55.17	369.89	371.80	371.99	372.79	0.010060	4.48	1.00	1.68	13.50	12.28	1.11
Rio Solano	93.333*	Max WS	TR30_D2	59.70	369.89	371.92	372.14	372.88	0.009164	4.47	1.23	1.66	14.93	12.69	1.07
Rio Solano	93.333*	Max WS	TR30_D3	54.28	369.89	371.78	371.99	372.77	0.010303	4.49	0.94	1.68	13.20	12.21	1.12
Rio Solano	93.333*	Max WS	TR30_D4	45.69	369.89	371.55	371.84	372.55	0.012381	4.46	0.89	1.59	10.77	9.49	1.20
Rio Solano	93.333*	Max WS	TR30_D6	33.10	369.89	371.24	371.47	372.14	0.015521	4.22	0.65	1.29	8.03	8.28	1.29
Rio Solano	92.500*	Max WS	TR30_D0.5	40.97	369.61	371.22	371.27	371.96	0.009624	3.83	0.86	1.22	11.06	9.55	1.05
Rio Solano	92.500*	Max WS	TR30_D1	55.13	369.61	371.65	371.64	372.34	0.006456	3.77	1.10	1.33	16.14	13.01	0.90
Rio Solano	92.500*	Max WS	TR30_D2	59.69	369.61	371.78	371.72	372.46	0.005840	3.76	1.24	1.27	17.85	13.72	0.87
Rio Solano	92.500*	Max WS	TR30_D3	54.17	369.61	371.62	371.62	372.32	0.006615	3.78	1.07	1.33	15.78	12.92	0.91
Rio Solano	92.500*	Max WS	TR30_D4	45.69	369.61	371.36	371.46	372.10	0.008488	3.84	0.55	1.30	12.53	12.23	1.01
Rio Solano	92.500*	Max WS	TR30_D6	33.10	369.61	370.99	371.11	371.71	0.012068	3.78	0.59	1.02	8.91	8.85	1.14
Rio Solano	91.667*	Max WS	TR30_D0.5	40.95	369.34	371.08		371.59	0.005894	3.20	0.80	0.99	13.25	10.44	0.84
Rio Solano	91.667*	Max WS	TR30_D1	55.03	369.34	371.56		372.00	0.003667	3.04	0.89	1.01	21.34	19.81	0.69
Rio Solano	91.667*	Max WS	TR30_D2	59.55	369.34	371.70		372.11	0.003218	2.98	1.01	1.02	24.11	20.30	0.66
Rio Solano	91.667*	Max WS	TR30_D3	54.06	369.34	371.53		371.97	0.003780	3.05	0.85	1.01	20.74	19.69	0.70
Rio Solano	91.667*	Max WS	TR30_D4	45.69	369.34	371.24	371.03	371.75	0.005147	3.19	0.49	1.04	15.32	15.82	0.80
Rio Solano	91.667*	Max WS	TR30_D6	33.10	369.34	370.81	370.76	371.33	0.007733	3.20	0.59	0.82	10.52	9.63	0.93
Rio Solano	90.833*	Max WS	TR30_D0.5	40.95	369.06	371.00		371.34	0.003336	2.61	0.51	0.79	16.42	12.98	0.64
Rio Solano	90.833*	Max WS	TR30_D1	54.74	369.06	371.51		371.81	0.002200	2.53	0.71	0.87	25.13	20.40	0.55
Rio Solano	90.833*	Max WS	TR30_D2	59.20	369.06	371.69		371.96	0.001846	2.44	0.82	0.87	28.86	20.81	0.51
Rio Solano	90.833*	Max WS	TR30_D3	53.89	369.06	371.47		371.78	0.002268	2.54	0.68	0.87	24.47	20.33	0.55
Rio Solano	90.833*	Max WS	TR30_D4	45.68	369.06	371.16		371.50	0.002947	2.61	0.57	0.83	18.81	15.38	0.62
Rio Solano	90.833*	Max WS	TR30_D6	33.10	369.06	370.70		371.04	0.004269	2.59	0.58	0.66	13.03	10.60	0.71
Rio Solano	90	Max WS	TR30_D0.5	40.93	368.79	370.98		371.20	0.001745	2.08	0.64	0.64	20.58	12.63	0.48
Rio Solano	90	Max WS	TR30_D1	54.80	368.79	371.51		371.74	0.001334	2.14	0.75	0.75	27.68	14.10	0.43
Rio Solano	90	Max WS	TR30_D2	59.16	368.79	371.69		371.92	0.001234	2.15	0.65	0.65	30.31	16.66	0.42
Rio Solano	90	Max WS	TR30_D3	53.91	368.79	371.48		371.71	0.001352	2.13	0.74	0.74	27.22	14.01	0.44
Rio Solano	90	Max WS	TR30_D4	45.68	368.79	371.17		371.39	0.001583	2.10	0.69	0.69	22.95	13.14	0.46
Rio Solano	90	Max WS	TR30_D6	33.10	368.79	370.68		370.88	0.002079	2.02	0.54	0.54	16.81	11.78	0.51
Rio Solano	88.750*	Max WS	TR30_D0.5	40.93	368.71	370.96		371.17	0.001689	2.06	0.62	0.62	20.77	12.57	0.47
Rio Solano	88.750*	Max WS	TR30_D1	54.78	368.71	371.50		371.72	0.001290	2.11	0.73	0.73	27.93	14.06	0.43
Rio Solano	88.750*	Max WS	TR30_D2	59.10	368.71	371.67		371.90	0.001206	2.14	0.46	0.65	30.76	19.53	0.42
Rio Solano	88.750*	Max WS	TR30_D3	53.92	368.71	371.47		371.68	0.001310	2.11	0.73	0.73	27.47	13.97	0.43
Rio Solano	88.750*	Max WS	TR30_D4	45.67	368.71	371.15		371.36	0.001531	2.08	0.67	0.67	23.17	13.09	0.45
Rio Solano	88.750*	Max WS	TR30_D6	33.10	368.71	370.65		370.85	0.002016	2.00	0.52	0.52	16.96	11.70	0.50
Rio Solano	87.500*	Max WS	TR30_D0.5	40.91	368.63	370.95		371.14	0.001532	1.98	0.53	0.59	22.67	17.62	0.45
Rio Solano	87.500*	Max WS	TR30_D1	54.59	368.63	371.53		371.70	0.001019	1.91	0.79	0.66	33.03	18.42	0.38
Rio Solano	87.500*	Max WS	TR30_D2	58.80	368.63	371.71		371.87	0.000915	1.89	0.83	0.56	36.43	19.82	0.36

HEC-RAS River: Rio Solano Reach: Rio Solano Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Rio Solano	87.500*	Max WS	TR30_D3	53.71	368.63	371.49		371.66	0.001040	1.91	0.78	0.66	32.39	18.37	0.38
Rio Solano	87.500*	Max WS	TR30_D4	45.58	368.63	371.15		371.34	0.001308	1.95	0.66	0.62	26.27	17.90	0.42
Rio Solano	87.500*	Max WS	TR30_D6	33.10	368.63	370.62		370.82	0.001890	1.95	0.55	0.49	17.71	13.30	0.48
Rio Solano	86.250*	Max WS	TR30_D0.5	40.89	368.56	370.92		371.12	0.001567	2.00	0.58	0.58	21.22	12.45	0.45
Rio Solano	86.250*	Max WS	TR30_D1	54.92	368.56	371.47		371.68	0.001211	2.07	0.70	0.70	28.51	13.98	0.41
Rio Solano	86.250*	Max WS	TR30_D2	59.46	368.56	371.64		371.86	0.001152	2.11	0.43	0.61	31.21	19.60	0.41
Rio Solano	86.250*	Max WS	TR30_D3	54.03	368.56	371.44		371.65	0.001229	2.06	0.69	0.69	28.03	13.88	0.41
Rio Solano	86.250*	Max WS	TR30_D4	45.66	368.56	371.11		371.32	0.001424	2.03	0.63	0.63	23.67	12.99	0.44
Rio Solano	86.250*	Max WS	TR30_D6	33.10	368.56	370.59		370.79	0.001884	1.95	0.47	0.47	17.30	11.55	0.48
Rio Solano	85	Max WS	TR30_D0.5	40.89	368.48	370.90	370.04	371.10	0.001512	1.98	0.56	0.56	21.46	12.40	0.44
Rio Solano	85	Max WS	TR30_D1	54.91	368.48	371.46	370.31	371.66	0.001173	2.04	0.68	0.68	28.79	13.94	0.40
Rio Solano	85	Max WS	TR30_D2	59.47	368.48	371.63	370.40	371.84	0.001101	2.07	0.64	0.64	31.31	15.61	0.40
Rio Solano	85	Max WS	TR30_D3	54.03	368.48	371.42	370.30	371.63	0.001191	2.04	0.68	0.68	28.31	13.84	0.41
Rio Solano	85	Max WS	TR30_D4	45.66	368.48	371.09	370.14	371.29	0.001376	2.00	0.61	0.61	23.92	12.93	0.43
Rio Solano	85	Max WS	TR30_D6	33.10	368.48	370.57	369.87	370.76	0.001818	1.93	0.45	0.45	17.50	11.48	0.47
Rio Solano	82.5			Bridge											
Rio Solano	80	Max WS	TR30_D0.5	40.89	367.44	368.82	369.23	370.28	0.017843	5.52	2.08	2.08	8.26	6.97	1.50
Rio Solano	80	Max WS	TR30_D1	54.91	367.44	369.08	369.64	370.88	0.017801	6.17	2.32	2.32	10.09	7.34	1.54
Rio Solano	80	Max WS	TR30_D2	59.47	367.44	369.15	369.76	371.07	0.017805	6.36	2.39	2.39	10.65	7.45	1.55
Rio Solano	80	Max WS	TR30_D3	54.03	367.44	369.06	369.61	370.85	0.017802	6.13	2.31	2.31	9.98	7.32	1.54
Rio Solano	80	Max WS	TR30_D4	45.66	367.44	368.91	369.38	370.49	0.017817	5.75	2.16	2.16	8.90	7.10	1.52
Rio Solano	80	Max WS	TR30_D6	33.10	367.44	368.66	369.02	369.91	0.017892	5.09	1.92	1.92	7.17	6.74	1.47
Rio Solano	79.99			Lat Struct											
Rio Solano	79.98			Lat Struct											
Rio Solano	76.667*	Max WS	TR30_D0.5	40.89	367.14	368.56	368.92	369.87	0.016227	5.16	1.69	1.73	8.50	7.06	1.40
Rio Solano	76.667*	Max WS	TR30_D1	54.91	367.14	368.81	369.31	370.45	0.016337	5.80	1.94	1.99	10.35	7.45	1.44
Rio Solano	76.667*	Max WS	TR30_D2	59.47	367.14	368.89	369.42	370.63	0.016382	5.98	1.99	2.07	10.92	7.61	1.46
Rio Solano	76.667*	Max WS	TR30_D3	54.02	367.14	368.80	369.29	370.42	0.016329	5.76	1.93	1.98	10.24	7.42	1.44
Rio Solano	76.667*	Max WS	TR30_D4	45.66	367.14	368.65	369.04	370.08	0.016252	5.39	1.78	1.83	9.15	7.19	1.41
Rio Solano	76.667*	Max WS	TR30_D6	33.10	367.14	368.40	368.70	369.52	0.016163	4.75	1.52	1.56	7.40	6.83	1.37
Rio Solano	73.333*	Max WS	TR30_D0.5	40.89	366.84	368.32	368.62	369.51	0.015212	4.88	1.35	1.44	8.76	7.18	1.32
Rio Solano	73.333*	Max WS	TR30_D1	54.91	366.84	368.57	369.00	370.07	0.015395	5.49	1.60	1.71	10.63	7.66	1.37
Rio Solano	73.333*	Max WS	TR30_D2	59.47	366.84	368.64	369.12	370.24	0.015446	5.66	1.68	1.79	11.22	7.80	1.38
Rio Solano	73.333*	Max WS	TR30_D3	54.02	366.84	368.55	368.97	370.03	0.015392	5.45	1.58	1.70	10.52	7.63	1.37
Rio Solano	73.333*	Max WS	TR30_D4	45.66	366.84	368.41	368.75	369.71	0.015286	5.10	1.43	1.54	9.41	7.35	1.34
Rio Solano	73.333*	Max WS	TR30_D6	33.10	366.84	368.16	368.40	369.17	0.015081	4.48	1.16	1.26	7.65	6.96	1.29
Rio Solano	70	Max WS	TR30_D0.5	40.89	366.54	368.09	368.35	369.19	0.014972	4.68	1.03	1.19	8.95	7.31	1.29
Rio Solano	70	Max WS	TR30_D1	54.91	366.54	368.34	369.00	369.73	0.015130	5.27	1.33	1.47	10.82	7.66	1.33
Rio Solano	70	Max WS	TR30_D2	59.47	366.54	368.41	369.08	369.90	0.015187	5.44	1.41	1.55	11.39	7.77	1.34
Rio Solano	70	Max WS	TR30_D3	54.02	366.54	368.32	368.70	369.70	0.015122	5.24	1.31	1.45	10.70	7.64	1.33
Rio Solano	70	Max WS	TR30_D4	45.66	366.54	368.17	368.48	369.38	0.015027	4.89	1.14	1.29	9.60	7.44	1.30
Rio Solano	70	Max WS	TR30_D6	33.10	366.54	367.93	368.14	368.87	0.014869	4.30	0.83	1.00	7.82	7.09	1.26
Rio Solano	69.286*	Max WS	TR30_D0.5	40.88	366.25	367.80	368.08	368.92	0.015116	4.72	1.16	1.23	8.91	7.43	1.30
Rio Solano	69.286*	Max WS	TR30_D1	54.91	366.25	368.04	368.71	369.46	0.015285	5.31	1.47	1.52	10.79	7.81	1.35
Rio Solano	69.286*	Max WS	TR30_D2	59.47	366.25	368.12	368.79	369.62	0.015341	5.48	1.55	1.60	11.37	7.93	1.36
Rio Solano	69.286*	Max WS	TR30_D3	54.02	366.25	368.03	368.69	369.43	0.015284	5.27	1.45	1.50	10.68	7.79	1.34
Rio Solano	69.286*	Max WS	TR30_D4	45.66	366.25	367.89	368.16	369.11	0.015166	4.93	1.27	1.34	9.58	7.56	1.32
Rio Solano	69.286*	Max WS	TR30_D6	33.10	366.25	367.64	367.86	368.59	0.015007	4.33	0.95	1.04	7.79	7.19	1.27
Rio Solano	68.571*	Max WS	TR30_D0.5	40.88	365.96	367.51	367.77	368.64	0.015272	4.75	1.29	1.28	8.90	7.57	1.32
Rio Solano	68.571*	Max WS	TR30_D1	54.91	365.96	367.75	368.43	369.18	0.015469	5.34	1.61	1.57	10.79	7.99	1.36
Rio Solano	68.571*	Max WS	TR30_D2	59.47	365.96	367.82	368.50	369.35	0.015578	5.53	1.63	1.54	11.37	8.39	1.38
Rio Solano	68.571*	Max WS	TR30_D3	54.02	365.96	367.73	368.41	369.14	0.015454	5.31	1.59	1.55	10.67	7.97	1.36
Rio Solano	68.571*	Max WS	TR30_D4	45.66	365.96	367.59	367.94	368.83	0.015327	4.96	1.40	1.39	9.56	7.72	1.33
Rio Solano	68.571*	Max WS	TR30_D6	33.10	365.96	367.35	367.59	368.32	0.015159	4.36	1.07	1.09	7.77	7.31	1.28
Rio Solano	67.857*	Max WS	TR30_D0.5	40.88	365.68	367.21	367.53	368.36	0.015441	4.78	1.42	1.33	8.89	7.75	1.33
Rio Solano	67.857*	Max WS	TR30_D1	54.91	365.68	367.45	368.07	368.90	0.015760	5.39	1.54	1.51	10.81	8.79	1.38
Rio Solano	67.857*	Max WS	TR30_D2	59.47	365.68	367.52	368.16	369.06	0.015870	5.57	1.55	1.49	11.45	9.49	1.40
Rio Solano	67.857*	Max WS	TR30_D3	54.02	365.68	367.44	368.07	368.87	0.015736	5.35	1.54	1.52	10.69	8.65	1.38
Rio Solano	67.857*	Max WS	TR30_D4	45.66	365.68	367.30	367.68	368.55	0.015511	4.99	1.54	1.44	9.56	7.92	1.35
Rio Solano	67.857*	Max WS	TR30_D6	33.10	365.68	367.06	367.30	368.04	0.015333	4.39	1.20	1.13	7.75	7.46	1.30
Rio Solano	67.143*	Max WS	TR30_D0.5	40.88	365.39	366.91	367.26	368.07	0.015656	4.80	1.54	1.38	8.91	8.00	1.34
Rio Solano	67.143*	Max WS	TR30_D1	54.91	365.39	367.15	367.82	368.60	0.016024	5.42	1.64	1.51	10.92	9.56	1.40
Rio Solano	67.143*	Max WS	TR30_D2	59.47	365.39	367.21	367.89	368.75	0.016094	5.59	1.71	1.56	11.59	10.10	1.41
Rio Solano	67.143*	Max WS	TR30_D3	54.02	365.39	367.13	367.70	368.57	0.016001	5.38	1.62	1.50	10.79	9.46	1.39
Rio Solano	67.143*	Max WS	TR30_D4	45.66	365.39	367.00	367.39	368.26	0.015783	5.03	1.53	1.49	9.59	8.44	1.36
Rio Solano	67.143*	Max WS	TR30_D6	33.10	365.39	366.77	367.01	367.75	0.015535	4.42	1.32	1.18	7.75	7.65	1.31
Rio Solano	66.429*	Max WS	TR30_D0.5	40.88	365.10	366.61	366.97	367.77	0.015971	4.83	1.54	1.42	8.96	8.61	1.36
Rio Solano	66.429*	Max WS	TR30_D1	54.91	365.10	366.84	367.25	368.28	0.016246	5.43	1.83	1.58	11.06	10.05	1.41
Rio Solano	66.429*	Max WS	TR30_D2	59.47	365.10	366.90	367.61	368.43	0.016306	5.59	1.92	1.65	11.74	10.48	1.42
Rio Solano	66.429*	Max WS	TR30_D3	54.02	365.10	366.82	367.28	368.25	0.016229	5.39	1.81	1.57	10.93	9.96	1.40
Rio Solano	66.429*	Max WS	TR30_D4	45.66	365.10	366.69	367.09	367.96	0.016080	5.05	1.63	1.47	9.67	9.10	1.38
Rio Solano	66.429*	Max WS	TR30_D6	33.10	365.10	366.47	366.74	367.46	0.015786	4.44	1.44	1.22	7.77	7.93	1.32
Rio Solano	65.714*	Max WS	TR30_D0.5	40.88	364.81	366.30	366.66	367.46	0.016306	4.85	1.70	1.43	9.05	9.13	1.37
Rio Solano	65.714*	Max WS	TR30_D1	54.91	364.81	366.52	366.98	367.95	0.016462	5.43	2.03	1.67	11.21	10.37	1.42
Rio Solano	65.714*	Max WS	TR30_D2	59.47	364.81	366.59	367.30	368.09	0.016513	5.59	2.12	1.75	11.89	10.76	1.43
Rio Solano	65.714*	Max WS	TR30_D3	54.02	364.81	366.51	366.91	367.92	0.016471	5.40	2.01	1.66	11.07	10.29	1.41
Rio Solano	65.714*	Max WS	TR30_D4	45.66	364.81	366.38	366.77	367.64	0.016384	5.06	1.82	1.51	9.79	9.58	1.39
Rio Solano	65.714*	Max WS	TR30_D6	33.10	364.81	366.16	366.45	367.16	0.016140	4.47	1.49	1.27	7.81	8.46	1.34
Rio Solano	65	Max WS	TR30_D0.5	40.88	364.52	365.99	366.34	367.14	0.016770	4.87	1.90	1.48	9.13	9.52	1.39
Rio Solano	65	Max WS	TR30_D1	54.91	364.52	366.21	366.55	367.61	0.016745	5.42	2.23	1.77	11.34	10.60	1.43
Rio Solano	65	Max WS	TR30_D2	59.47	364.52	366.27	366.88	367.75	0.016746	5.58	2.31	1.84	12.04	10.98	1.44
Rio Solano	65	Max WS	TR30_D3	54.02	364.52	366.19	366.55	367.58	0.016750	5.39	2.22	1.75	11.20	10.53	1.42
Rio Solano	65	Max WS	TR30_D4	45.66	364.52	366.06	366.45	367.31	0.016766	5.07	2.02	1.58	9.90	9.91	1.40
Rio Solano	65	Max WS	TR30_D6	33.10	364.52	365.85	366.14	366.85	0.016726	4.50	1.66	1.32	7.86	8.88	1.36
Rio Solano	64.286*	Max WS	TR30_D0.5	40.88	364.21	365.66	366.02	366.83	0.016829	4.89	1.95	1.57	9.13	9.51	1.40
Rio Solano	64.286*	Max WS	TR30_D1	54.91	364.21	365.88	366.22	367.29	0.016812	5.45	2.27	1.83	11.34	10.61	1.43
Rio Solano	64.286*	Max WS	TR30_D2	59.47	364.21	365.95	366.53	367.43	0.016792	5.60	2.35	1.89	12.04	10.99	1.44
Rio Solano	64.286*	Max WS	TR30_D3	54.02	364.21	365.87	366.20	367.27	0.016820	5.41	2.25	1.82	11.20	10.53	1.43

HEC-RAS River: Rio Solano Reach: Rio Solano Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Rio Solano	64.286*	Max WS	TR30_D4	45.66	364.21	365.74	366.12	366.99	0.016804	5.09	2.08	1.67	9.90	9.86	1.41
Rio Solano	64.286*	Max WS	TR30_D6	33.10	364.21	365.53	365.82	366.53	0.016779	4.52	1.72	1.39	7.87	8.90	1.37
Rio Solano	63.571*	Max WS	TR30_D0.5	40.88	363.89	365.34	365.68	366.51	0.016851	4.91	2.00	1.66	9.14	9.47	1.40
Rio Solano	63.571*	Max WS	TR30_D1	54.91	363.89	365.56	366.05	366.98	0.016861	5.47	2.30	1.92	11.32	10.51	1.44
Rio Solano	63.571*	Max WS	TR30_D2	59.47	363.89	365.63	366.11	367.12	0.016861	5.63	2.37	1.95	12.02	10.97	1.45
Rio Solano	63.571*	Max WS	TR30_D3	54.02	363.89	365.55	366.04	366.95	0.016852	5.44	2.29	1.92	11.19	10.43	1.44
Rio Solano	63.571*	Max WS	TR30_D4	45.66	363.89	365.42	365.81	366.68	0.016846	5.11	2.11	1.76	9.89	9.83	1.42
Rio Solano	63.571*	Max WS	TR30_D6	33.10	363.89	365.21	365.50	366.21	0.016831	4.54	1.78	1.47	7.87	8.91	1.37
Rio Solano	62.857*	Max WS	TR30_D0.5	40.88	363.58	365.02	365.36	366.19	0.016931	4.93	2.04	1.73	9.12	9.42	1.41
Rio Solano	62.857*	Max WS	TR30_D1	54.91	363.58	365.24	365.73	366.67	0.016975	5.50	2.32	2.02	11.28	10.41	1.45
Rio Solano	62.857*	Max WS	TR30_D2	59.47	363.58	365.30	365.80	366.81	0.017007	5.67	2.38	2.06	11.97	10.84	1.46
Rio Solano	62.857*	Max WS	TR30_D3	54.02	363.58	365.23	365.71	366.64	0.016969	5.47	2.31	2.00	11.15	10.35	1.45
Rio Solano	62.857*	Max WS	TR30_D4	45.66	363.58	365.10	365.51	366.36	0.016941	5.14	2.15	1.84	9.87	9.76	1.42
Rio Solano	62.857*	Max WS	TR30_D6	33.10	363.58	364.88	365.18	365.90	0.016910	4.56	1.83	1.54	7.86	8.87	1.38
Rio Solano	62.143*	Max WS	TR30_D0.5	40.88	363.26	364.69	365.02	365.88	0.017075	4.97	2.07	1.81	9.08	9.33	1.42
Rio Solano	62.143*	Max WS	TR30_D1	54.91	363.26	364.91	365.42	366.36	0.017236	5.55	2.35	2.10	11.20	10.28	1.46
Rio Solano	62.143*	Max WS	TR30_D2	59.47	363.26	364.97	365.47	366.51	0.017301	5.72	2.41	2.19	11.86	10.61	1.48
Rio Solano	62.143*	Max WS	TR30_D3	54.02	363.26	364.90	365.39	366.33	0.017230	5.52	2.33	2.08	11.06	10.22	1.46
Rio Solano	62.143*	Max WS	TR30_D4	45.66	363.26	364.77	365.17	366.05	0.017144	5.18	2.18	1.91	9.81	9.65	1.44
Rio Solano	62.143*	Max WS	TR30_D6	33.10	363.26	364.56	364.85	365.58	0.017021	4.59	1.87	1.61	7.83	8.81	1.39
Rio Solano	61.429*	Max WS	TR30_D0.5	40.88	362.95	364.36	364.72	365.58	0.017560	5.03	2.11	1.89	8.97	9.18	1.44
Rio Solano	61.429*	Max WS	TR30_D1	54.91	362.95	364.57	365.12	366.08	0.017925	5.64	2.40	2.19	10.99	10.02	1.50
Rio Solano	61.429*	Max WS	TR30_D2	59.47	362.95	364.64	365.25	366.23	0.018035	5.82	2.48	2.28	11.62	10.29	1.51
Rio Solano	61.429*	Max WS	TR30_D3	54.02	362.95	364.56	365.09	366.05	0.017908	5.61	2.38	2.17	10.87	9.97	1.49
Rio Solano	61.429*	Max WS	TR30_D4	45.66	362.95	364.44	364.82	365.75	0.017697	5.25	2.22	2.00	9.67	9.47	1.46
Rio Solano	61.429*	Max WS	TR30_D6	33.10	362.95	364.23	364.53	365.27	0.017359	4.63	1.91	1.68	7.77	8.70	1.41
Rio Solano	60.714*	Max WS	TR30_D0.5	40.88	362.63	364.01	364.41	365.30	0.019031	5.18	2.17	1.99	8.68	8.90	1.50
Rio Solano	60.714*	Max WS	TR30_D1	54.91	362.63	364.21	364.88	365.84	0.019868	5.86	2.50	2.32	10.52	9.58	1.57
Rio Solano	60.714*	Max WS	TR30_D2	59.47	362.63	364.27	364.91	366.00	0.020104	6.05	2.59	2.42	11.09	9.78	1.59
Rio Solano	60.714*	Max WS	TR30_D3	54.02	362.63	364.20	364.88	365.80	0.019828	5.82	2.48	2.31	10.41	9.54	1.57
Rio Solano	60.714*	Max WS	TR30_D4	45.66	362.63	364.08	364.46	365.49	0.019353	5.43	2.29	2.11	9.32	9.14	1.53
Rio Solano	60.714*	Max WS	TR30_D6	33.10	362.63	363.89	364.21	364.98	0.018466	4.74	1.95	1.77	7.57	8.50	1.45
Rio Solano	60	Max WS	TR30_D0.5	40.88	362.32	363.53	364.09	365.32	0.031008	6.06	2.45	2.33	7.29	8.22	1.87
Rio Solano	60	Max WS	TR30_D1	54.91	362.32	363.72	364.20	365.96	0.031854	6.83	2.83	2.71	8.84	8.72	1.95
Rio Solano	60	Max WS	TR30_D2	59.47	362.32	363.77	364.67	366.15	0.032108	7.05	2.95	2.83	9.32	8.87	1.97
Rio Solano	60	Max WS	TR30_D3	54.02	362.32	363.71	364.21	365.92	0.031793	6.78	2.81	2.69	8.75	8.69	1.95
Rio Solano	60	Max WS	TR30_D4	45.66	362.32	363.60	364.18	365.55	0.031327	6.34	2.59	2.47	7.83	8.40	1.90
Rio Solano	60	Max WS	TR30_D6	33.10	362.32	363.42	363.89	364.94	0.030387	5.56	2.20	2.07	6.36	7.90	1.82
Rio Solano	56.667*	Max WS	TR30_D0.5	40.88	362.02	363.15	363.52	364.32	0.022754	5.04	2.35	2.29	9.31	12.41	1.60
Rio Solano	56.667*	Max WS	TR30_D1	54.91	362.02	363.34	363.77	364.70	0.021806	5.52	2.62	2.57	11.71	13.61	1.61
Rio Solano	56.667*	Max WS	TR30_D2	59.47	362.02	363.39	363.81	364.81	0.021594	5.66	2.70	2.65	12.46	13.97	1.62
Rio Solano	56.667*	Max WS	TR30_D3	54.02	362.02	363.33	363.76	364.68	0.021841	5.49	2.61	2.56	11.57	13.54	1.61
Rio Solano	56.667*	Max WS	TR30_D4	45.66	362.02	363.22	363.61	364.45	0.022348	5.21	2.45	2.39	10.15	12.84	1.61
Rio Solano	56.667*	Max WS	TR30_D6	33.10	362.02	363.04	363.36	364.07	0.023405	4.71	2.16	2.10	7.92	11.66	1.59
Rio Solano	53.333*	Max WS	TR30_D0.5	40.87	361.72	362.92	363.02	363.47	0.010141	3.59	1.78	1.78	13.88	18.02	1.09
Rio Solano	53.333*	Max WS	TR30_D1	54.90	361.72	363.11	363.23	363.75	0.009734	3.92	1.95	1.96	17.55	20.05	1.10
Rio Solano	53.333*	Max WS	TR30_D2	59.47	361.72	363.17	363.30	363.83	0.009667	4.01	1.98	2.02	18.71	20.77	1.10
Rio Solano	53.333*	Max WS	TR30_D3	54.02	361.72	363.10	363.22	363.73	0.009748	3.90	1.94	1.95	17.33	19.91	1.10
Rio Solano	53.333*	Max WS	TR30_D4	45.66	361.72	362.99	363.09	363.57	0.009943	3.70	1.85	1.84	15.17	18.73	1.09
Rio Solano	53.333*	Max WS	TR30_D6	33.10	361.72	362.79	362.88	363.29	0.010484	3.37	1.66	1.65	11.74	16.79	1.09
Rio Solano	50	Max WS	TR30_D0.5	40.87	361.42	362.82	362.55	363.02	0.003074	2.26	1.14	1.18	23.56	26.83	0.62
Rio Solano	50	Max WS	TR30_D1	54.90	361.42	363.02	362.73	363.26	0.003233	2.53	1.21	1.33	29.18	30.76	0.65
Rio Solano	50	Max WS	TR30_D2	59.47	361.42	363.08	362.76	363.33	0.003286	2.62	1.24	1.35	30.97	32.18	0.66
Rio Solano	50	Max WS	TR30_D3	54.02	361.42	363.01	362.72	363.25	0.003221	2.52	1.21	1.32	28.84	30.49	0.65
Rio Solano	50	Max WS	TR30_D4	45.66	361.42	362.90	362.61	363.11	0.003126	2.36	1.16	1.24	25.54	28.26	0.63
Rio Solano	50	Max WS	TR30_D6	33.10	361.42	362.70	362.42	362.87	0.002946	2.07	1.08	1.08	20.37	24.76	0.60
Rio Solano	45			Inl Struct											
Rio Solano	40	Max WS	TR30_D0.5	2.84	359.92	362.56		362.56	0.000002	0.08	0.04	0.04	43.96	25.18	0.02
Rio Solano	40	Max WS	TR30_D1	6.15	359.92	362.56		362.56	0.000008	0.18	0.09	0.09	43.96	25.18	0.04
Rio Solano	40	Max WS	TR30_D2	2.85	359.92	362.56		362.56	0.000002	0.08	0.04	0.04	43.96	25.18	0.02
Rio Solano	40	Max WS	TR30_D3	4.56	359.92	362.56		362.56	0.000005	0.13	0.07	0.07	43.95	25.18	0.03
Rio Solano	40	Max WS	TR30_D4	3.42	359.92	362.56		362.56	0.000003	0.10	0.05	0.05	43.95	25.18	0.02
Rio Solano	40	Max WS	TR30_D6	2.73	359.92	362.56		362.56	0.000002	0.08	0.04	0.04	43.95	25.18	0.02
Rio Solano	35.000*	Max WS	TR30_D0.5	2.90	359.75	362.56		362.56	0.000002	0.09	0.05	0.05	44.28	24.08	0.02
Rio Solano	35.000*	Max WS	TR30_D1	6.15	359.75	362.56		362.56	0.000008	0.19	0.10	0.11	44.27	24.08	0.04
Rio Solano	35.000*	Max WS	TR30_D2	2.91	359.75	362.56		362.56	0.000002	0.09	0.05	0.05	44.28	24.08	0.02
Rio Solano	35.000*	Max WS	TR30_D3	4.32	359.75	362.56		362.56	0.000004	0.13	0.07	0.08	44.26	24.07	0.03
Rio Solano	35.000*	Max WS	TR30_D4	3.37	359.75	362.56		362.56	0.000003	0.10	0.05	0.06	44.27	24.08	0.02
Rio Solano	35.000*	Max WS	TR30_D6	2.72	359.75	362.56		362.56	0.000002	0.08	0.04	0.05	44.27	24.08	0.02
Rio Solano	30	Max WS	TR30_D0.5	2.90	359.57	362.56		362.56	0.000002	0.09	0.06	0.05	43.79	20.99	0.02
Rio Solano	30	Max WS	TR30_D1	2.81	359.57	362.56		362.56	0.000002	0.09	0.06	0.05	43.78	20.99	0.02
Rio Solano	30	Max WS	TR30_D2	2.85	359.57	362.56		362.56	0.000002	0.09	0.06	0.05	43.79	20.99	0.02
Rio Solano	30	Max WS	TR30_D3	2.20	359.57	362.56		362.56	0.000001	0.07	0.04	0.04	43.78	20.99	0.01
Rio Solano	30	Max WS	TR30_D4	3.29	359.57	362.56		362.56	0.000002	0.11	0.07	0.06	43.78	20.99	0.02
Rio Solano	30	Max WS	TR30_D6	2.29	359.57	362.56		362.56	0.000001	0.07	0.05	0.04	43.78	20.99	0.01
Rio Solano	0	Max WS	TR30_D0.5	2.00	359.45	362.56	359.72	362.56	0.000000	0.02	0.01	0.01	105.86	47.66	0.00
Rio Solano	0	Max WS	TR30_D1	2.00	359.45	362.56	359.72	362.56	0.000000	0.02	0.01	0.01	105.86	47.66	0.00
Rio Solano	0	Max WS	TR30_D2	2.00	359.45	362.56	359.72	362.56	0.000000	0.02	0.01	0.01	105.86	47.66	0.00
Rio Solano	0	Max WS	TR30_D3	2.00	359.45	362.56	359.72	362.56	0.000000	0.02	0.01	0.01	105.86	47.66	0.00
Rio Solano	0	Max WS	TR30_D4	2.00	359.45	362.56	359.72	362.56	0.000000	0.02	0.01	0.01	105.86	47.66	0.00
Rio Solano	0	Max WS	TR30_D6	2.00	359.45	362.56	359.72	362.56	0.000000	0.02	0.01	0.01	105.86	47.66	0.00

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "SOLANO_APP"

RIFIGLIO

MODELLAZIONE PER TR=30 e 200 ANNI

DURATA DI PIOGGIA: 1, 2, 3, 4 e 6 h

Profilo longitudinale

Sezioni Trasversali

Dati idraulici

ALLEGATI

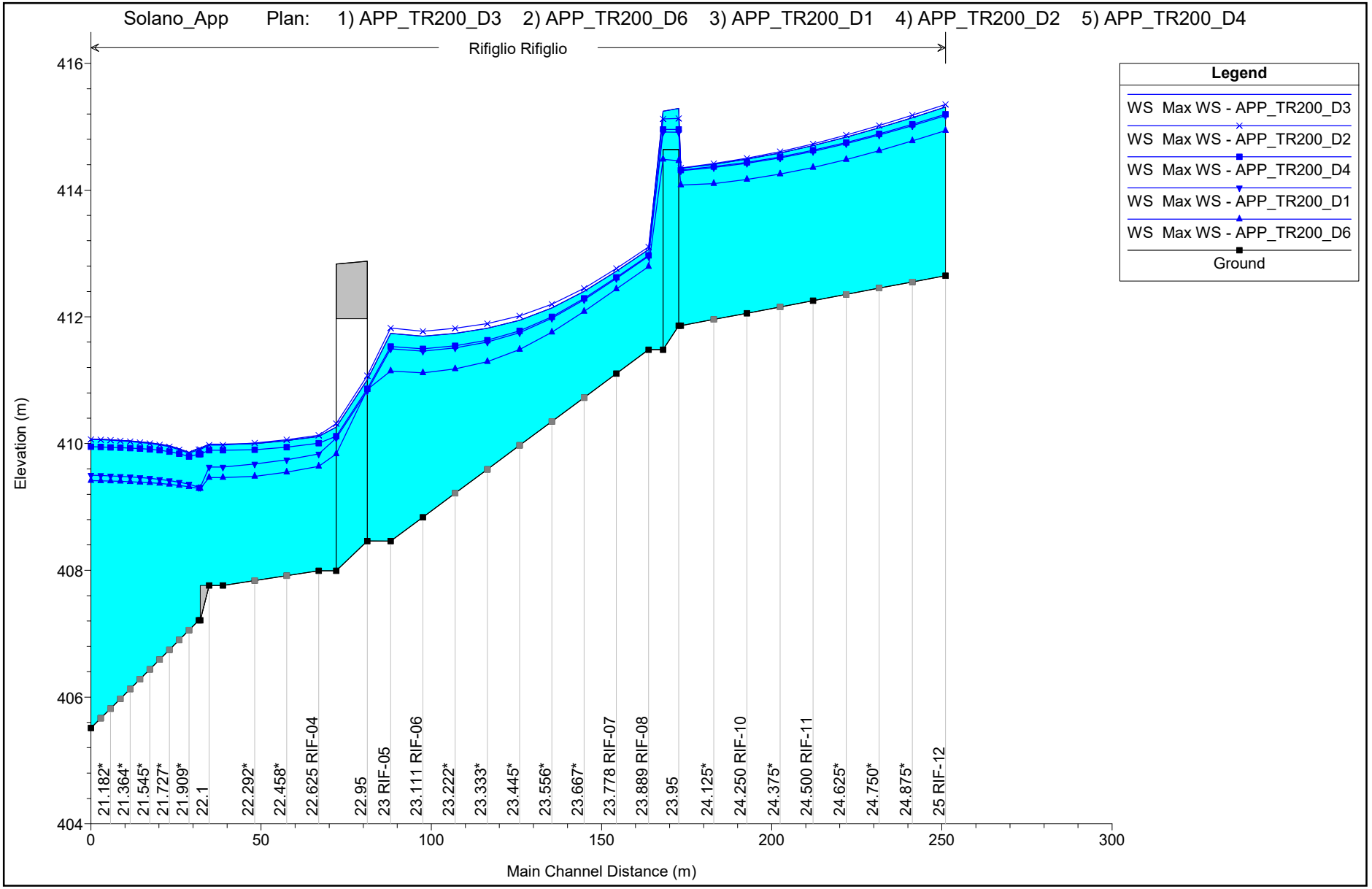
MODELLAZIONE HEC-RAS 5.0.7 "SOLANO_APP"

RIFIGLIO

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 1, 2, 3, 4 e 6 h

Profilo longitudinale


Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
Rifiglio Rifiglio
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Elevation (m)
Main Channel Distance (m)
416
414
412
410
408
406
404
0
50
100
150
200
250
300
21.182*
21.364*
21.545*
21.727*
21.909*
22.1
22.292*
22.458*
22.625 RIF-04
22.95
23 RIF-05
23.111 RIF-06
23.222*
23.333*
23.445*
23.556*
23.667*
23.778 RIF-07
23.889 RIF-08
23.95
24.125*
24.250 RIF-10
24.375*
24.500 RIF-11
24.625*
24.750*
24.875*
25 RIF-12

ALLEGATI

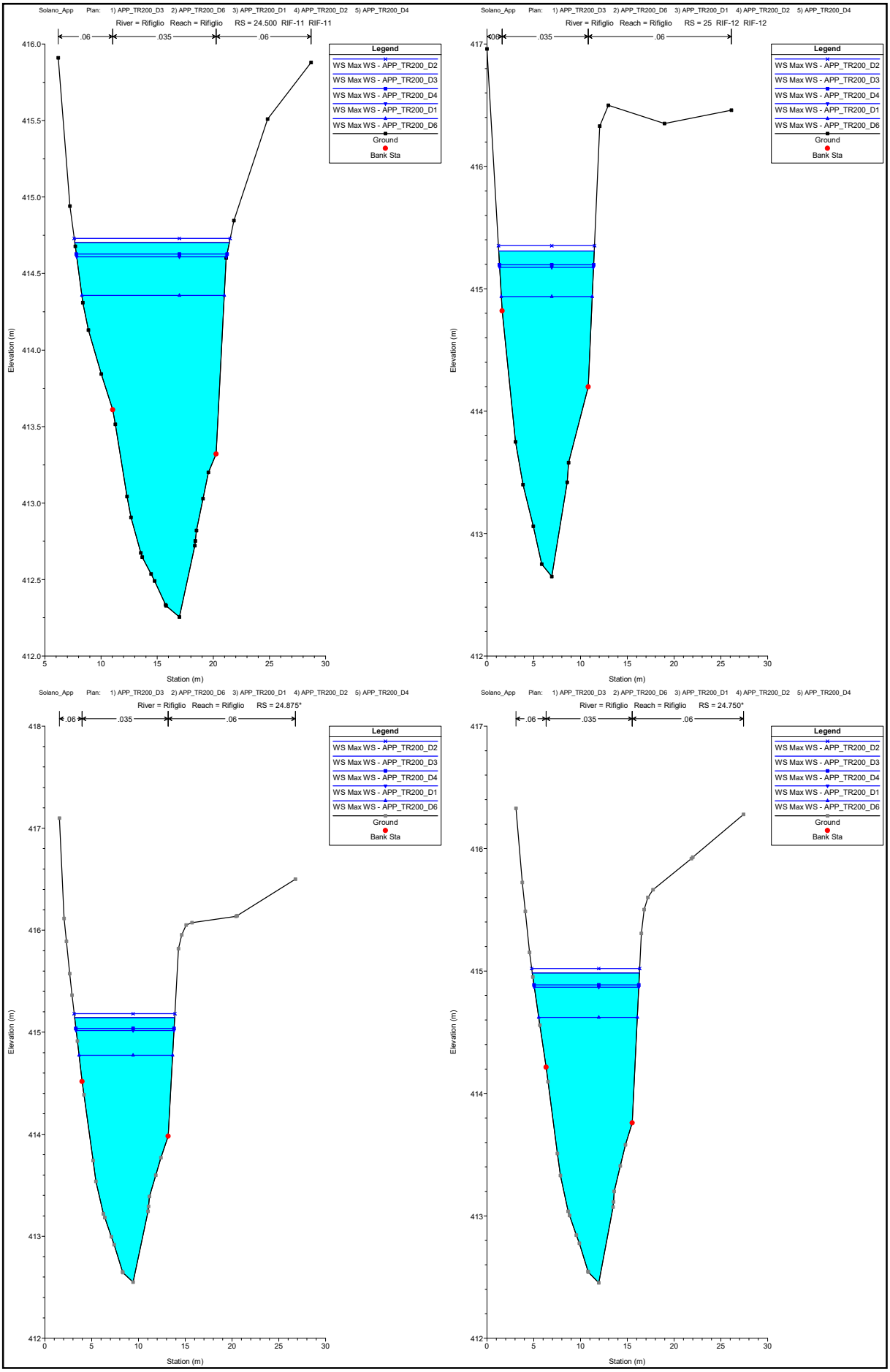
MODELLAZIONE HEC-RAS 5.0.7 "SOLANO_APP"

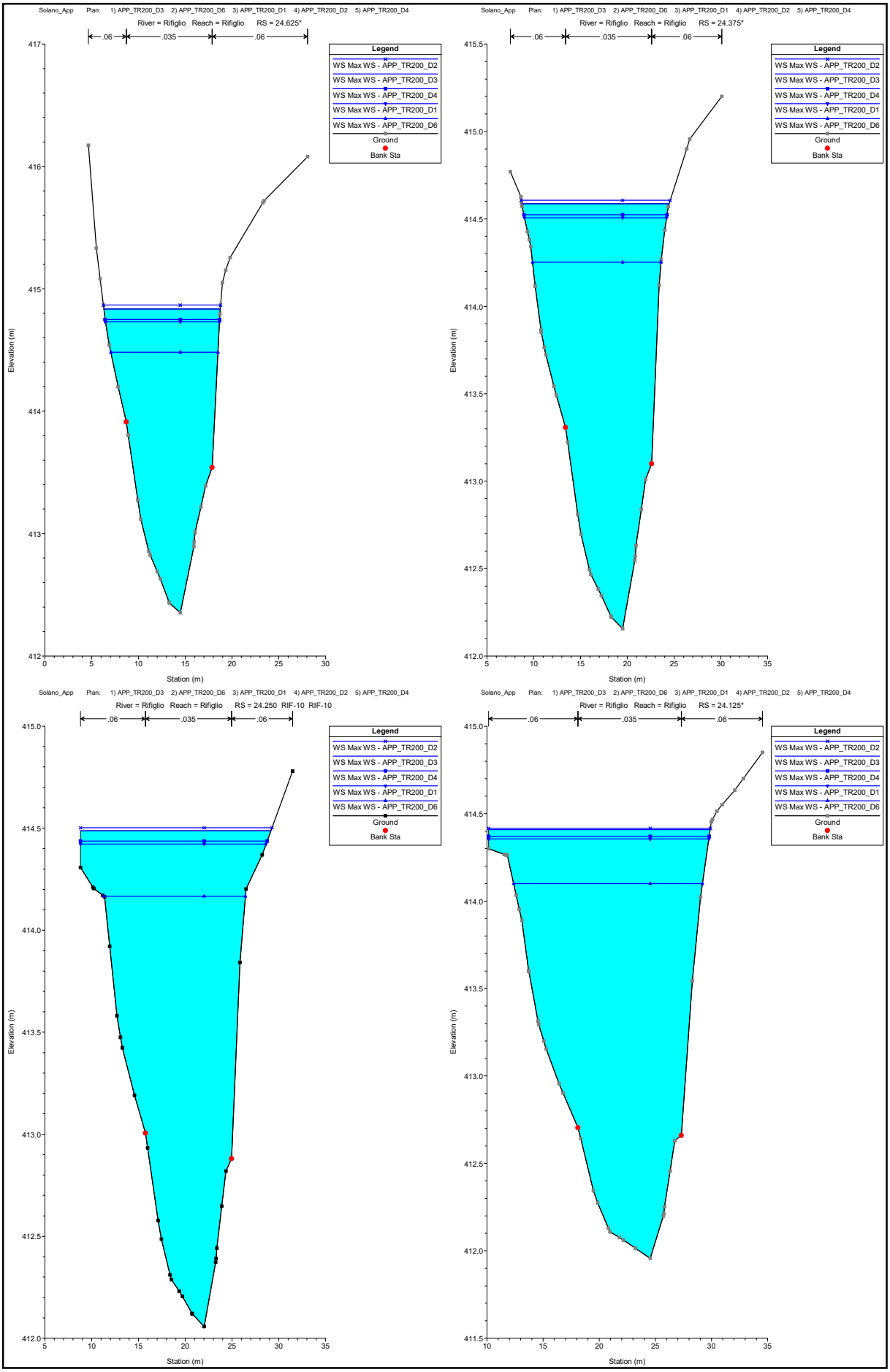
RIFIGLIO

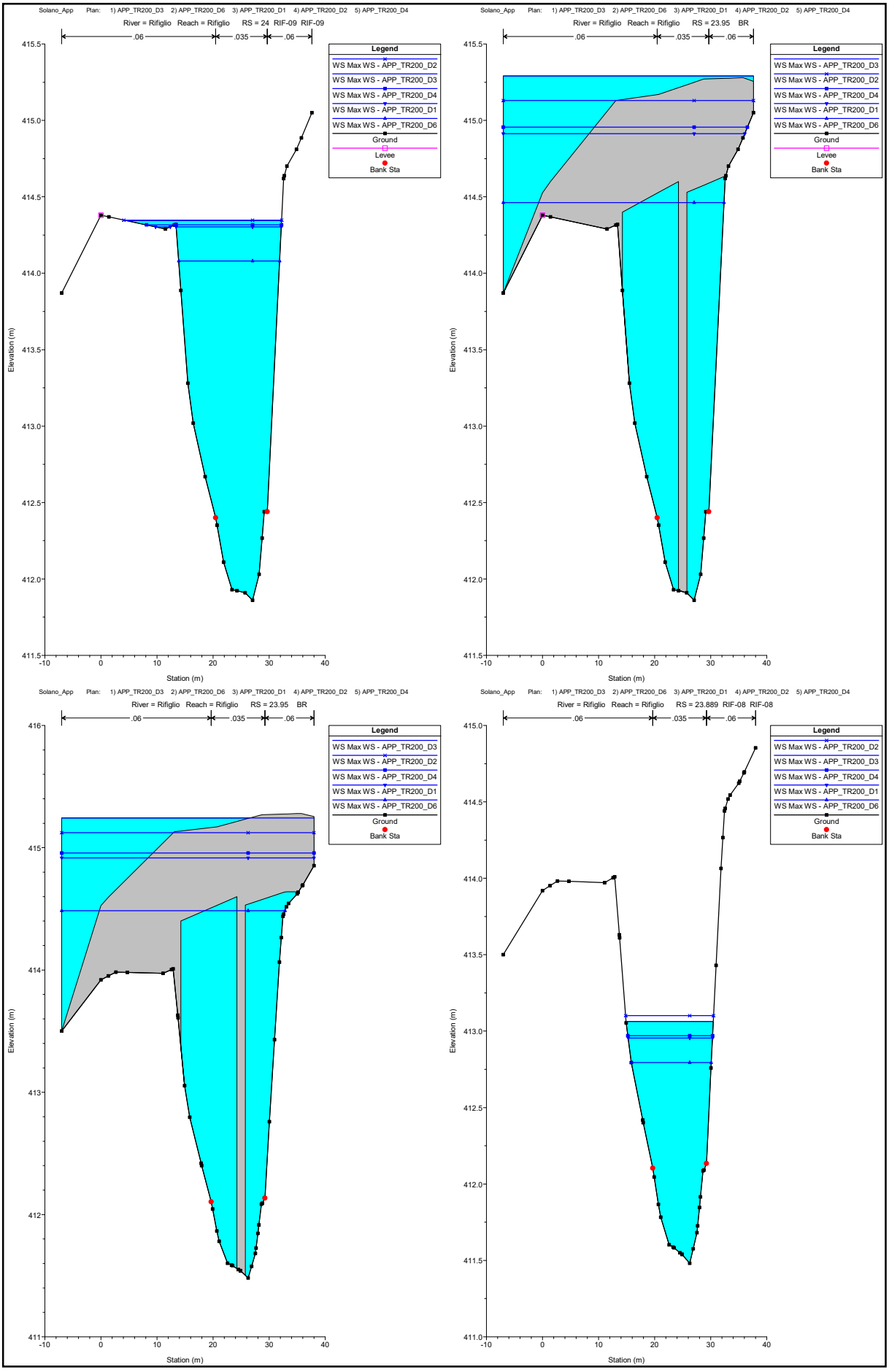
MODELLAZIONE PER TR= 200 anni

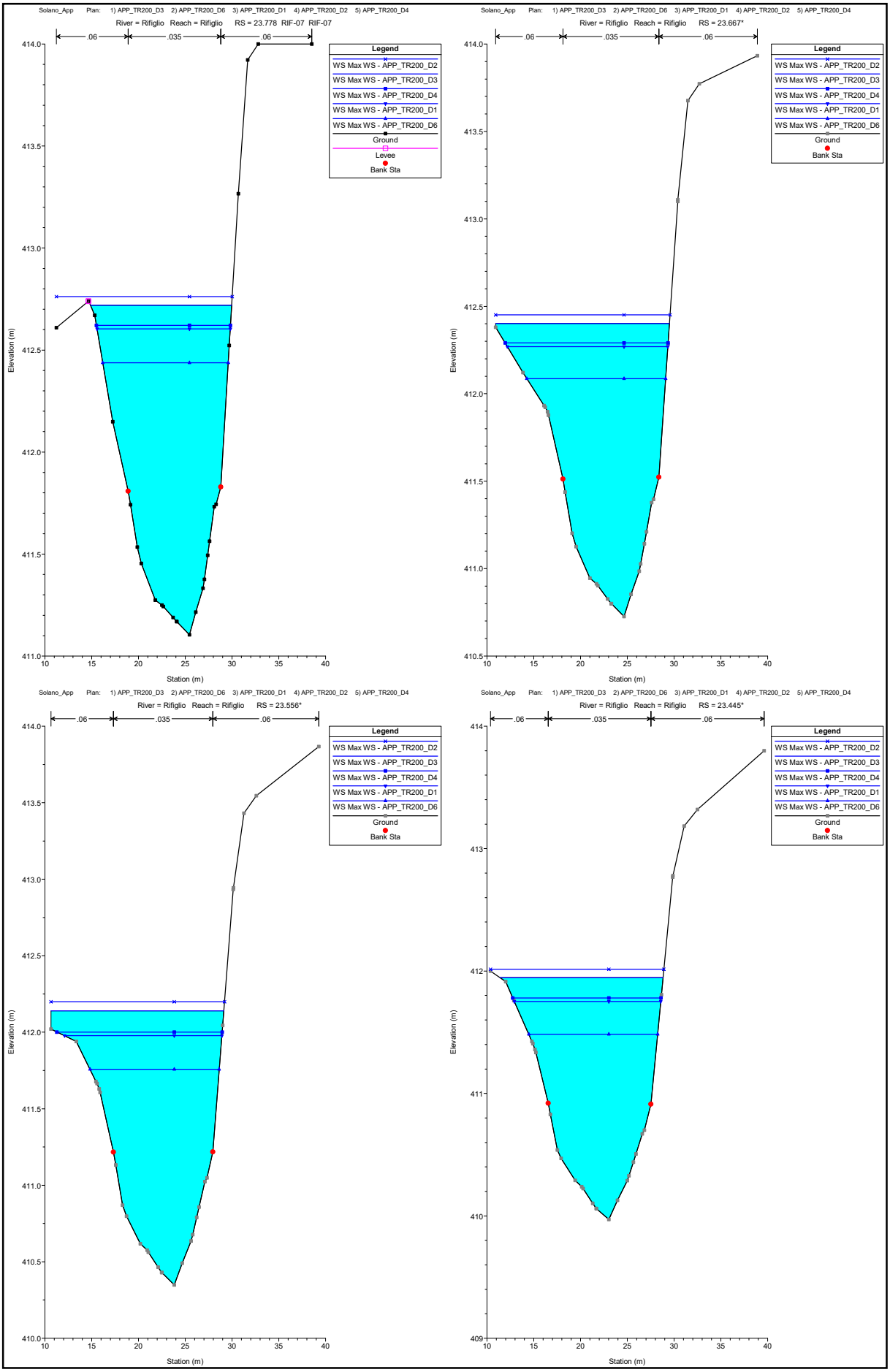
DURATE DI PIOGGIA: 1, 2, 3, 4 e 6 h

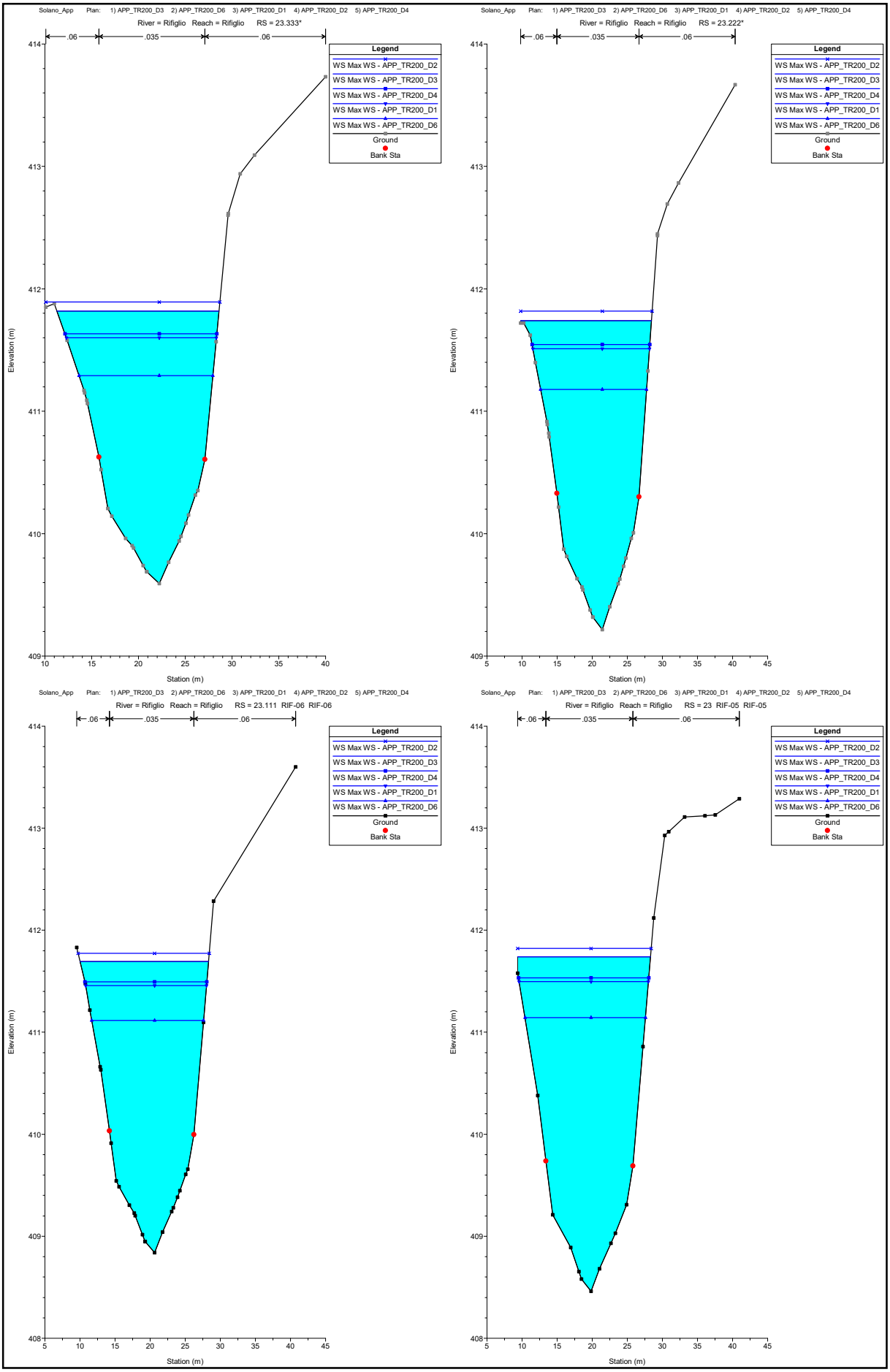
Sezioni Trasversali (da monte verso valle)

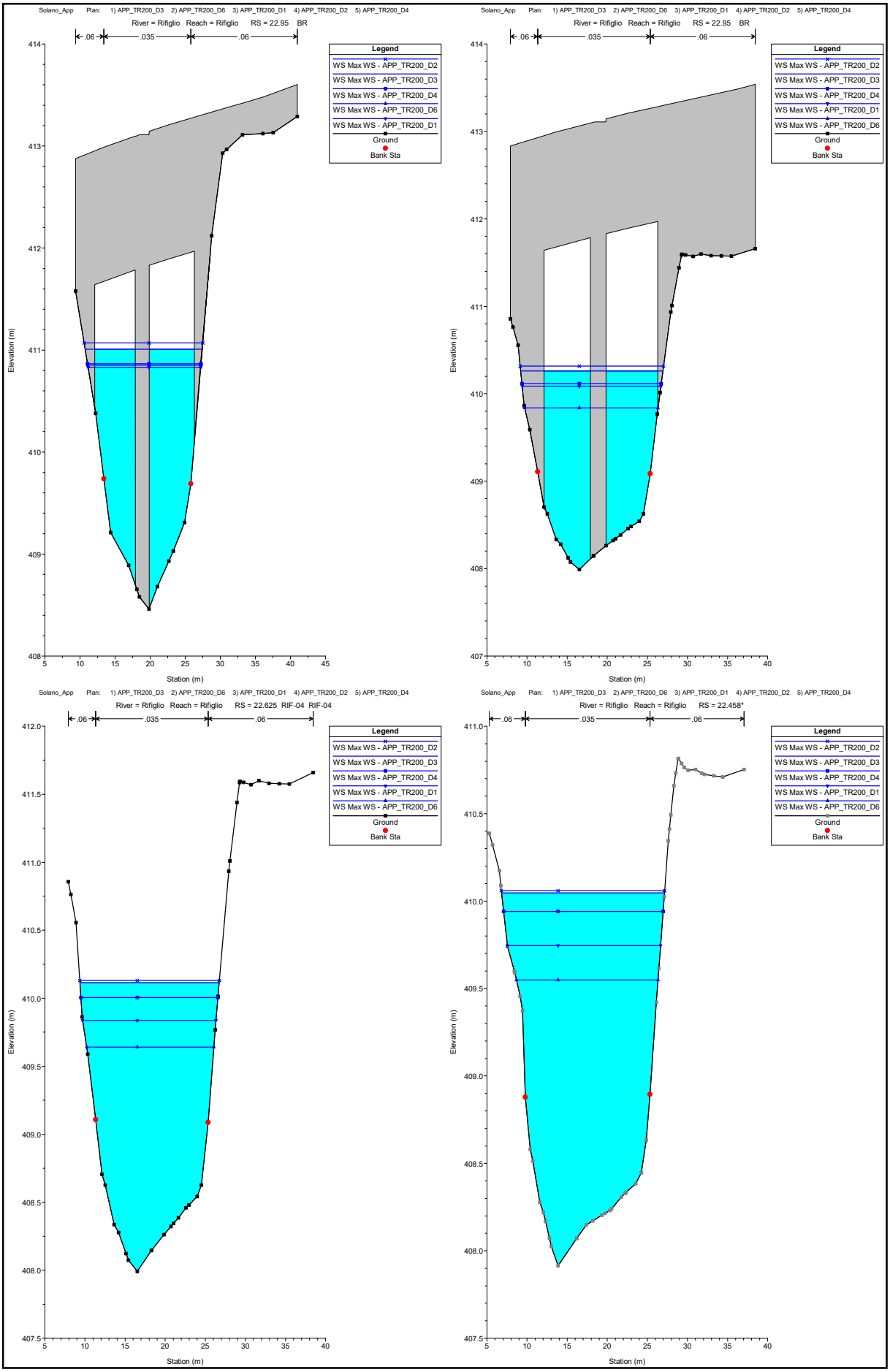

Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Rifiglio Reach = Rifiglio RS = 24.500 RIF-11 RIF-11
.06
.035
.06
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Rifiglio Reach = Rifiglio RS = 25 RIF-12 RIF-12
.06
.035
.06
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Rifiglio Reach = Rifiglio RS = 24.875*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Rifiglio Reach = Rifiglio RS = 24.750*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)

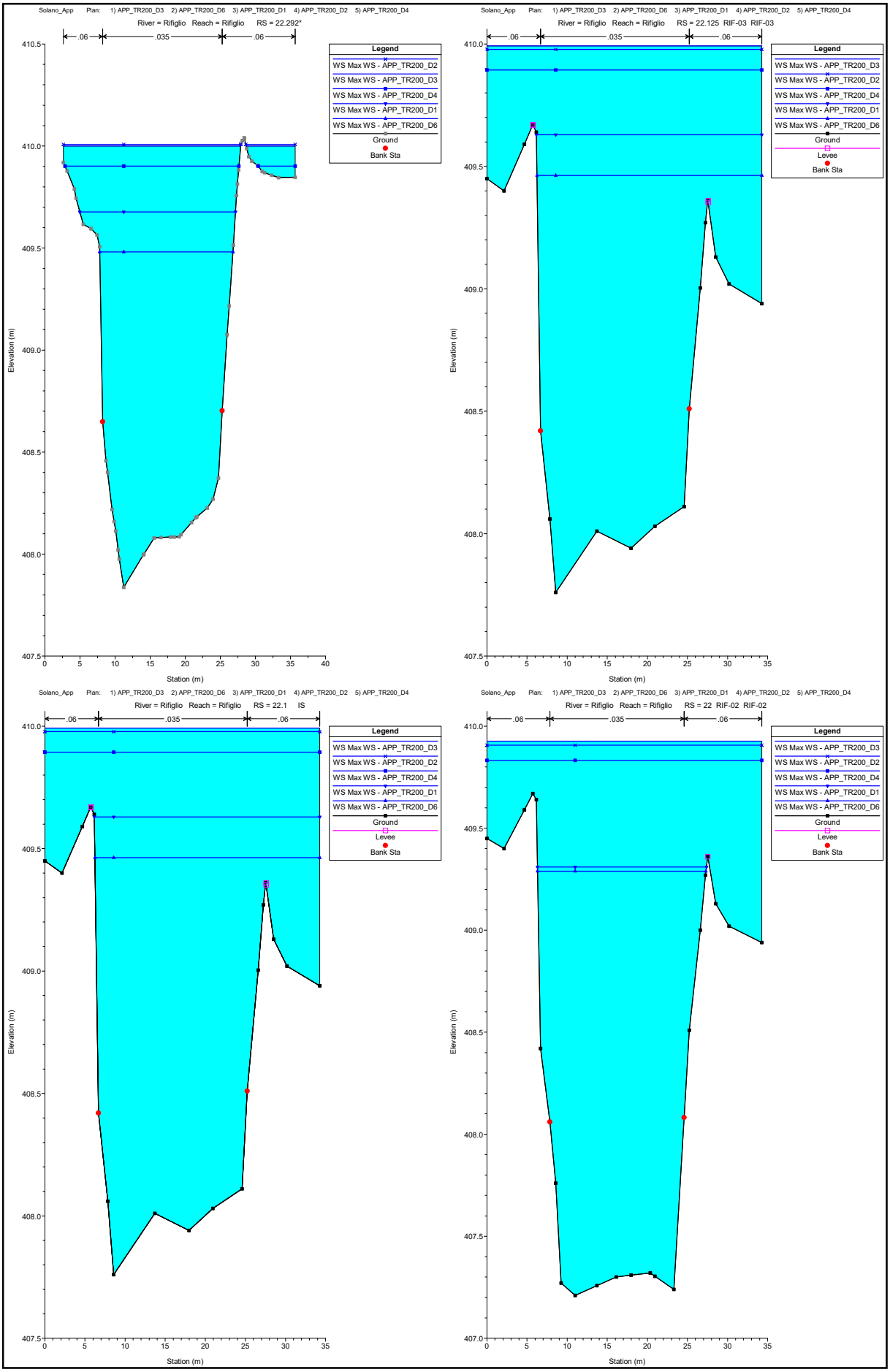

Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Rifiglio Reach = Rifiglio RS = 24.625*
.06 .035 .06
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Rifiglio Reach = Rifiglio RS = 24.375*
.06 .035 .06
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Rifiglio Reach = Rifiglio RS = 24.250 RIF-10 RIF-10
.06 .035 .06
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Rifiglio Reach = Rifiglio RS = 24.125*
.06 .035 .06
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)

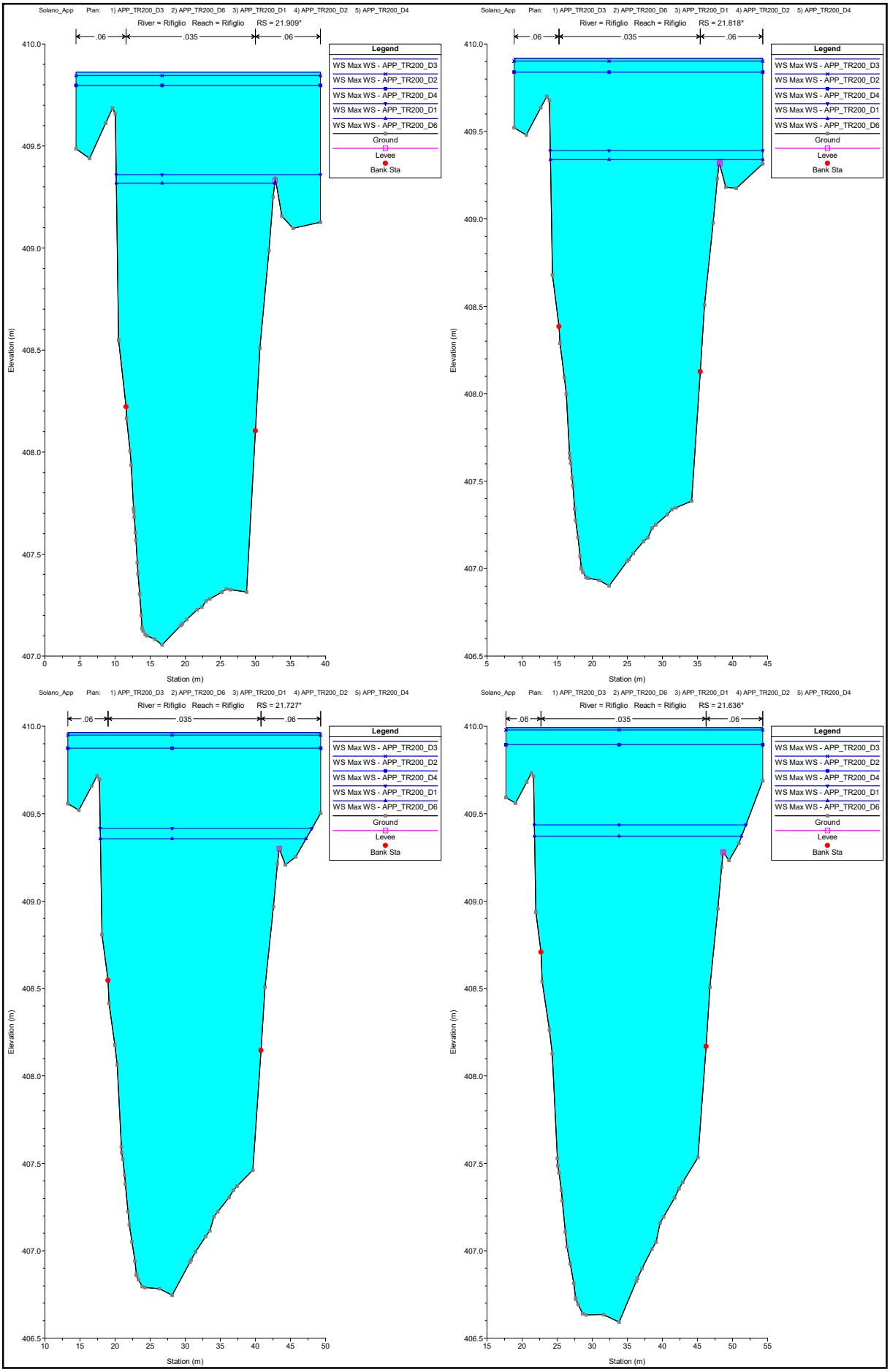

Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Rifiglio Reach = Rifiglio RS = 24 RIF-09 RIF-09
.06 .035 .06
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Rifiglio Reach = Rifiglio RS = 23.95 BR
.06 .035 .06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Rifiglio Reach = Rifiglio RS = 23.95 BR
.06 .035 .06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Rifiglio Reach = Rifiglio RS = 23.889 RIF-08 RIF-08
.06 .035 .06
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)

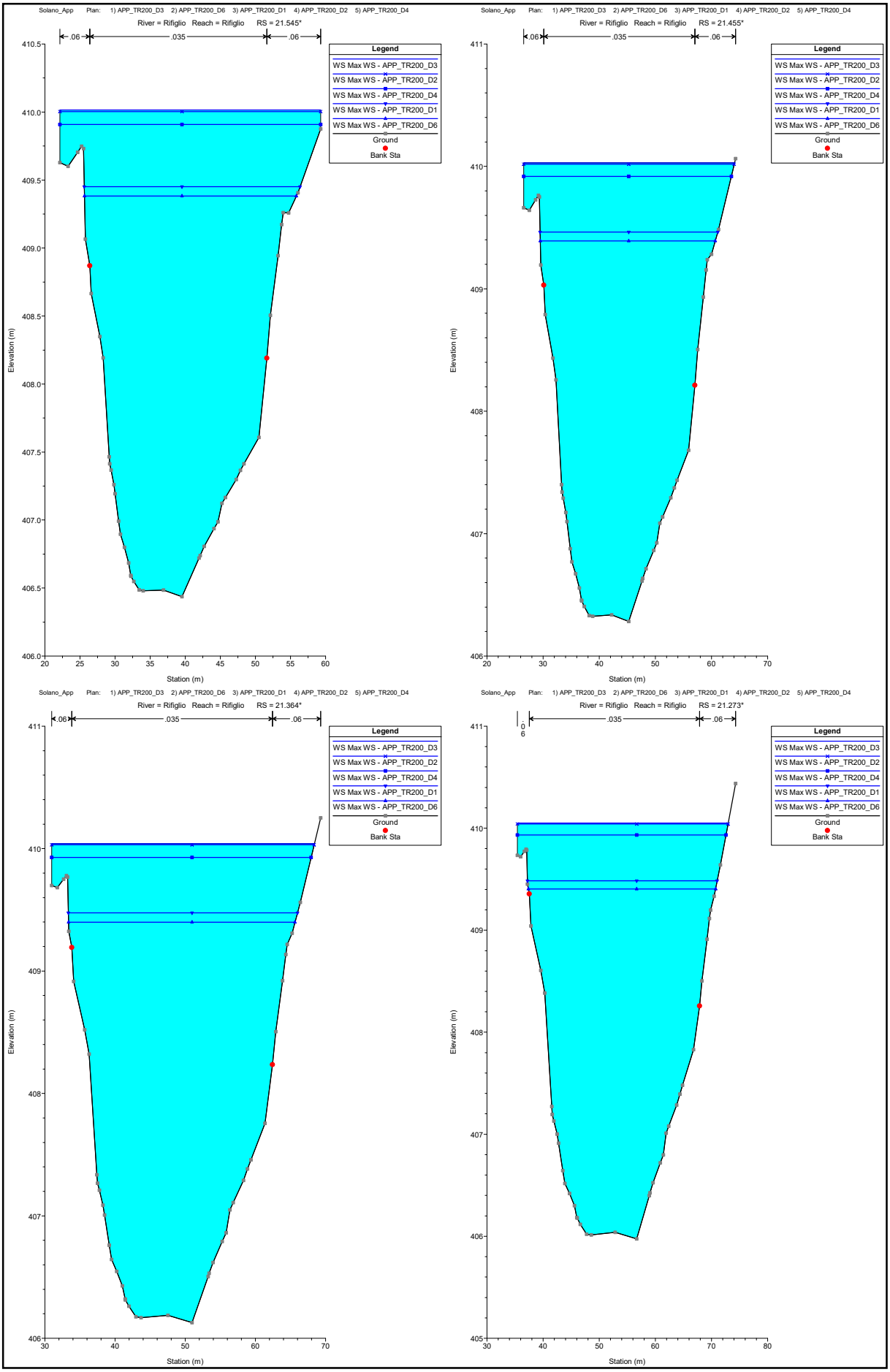

Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Rifiglio Reach = Rifiglio RS = 23.778 RIF-07 RIF-07
.06
.035
.06
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Rifiglio Reach = Rifiglio RS = 23.667*
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Rifiglio Reach = Rifiglio RS = 23.556*
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Rifiglio Reach = Rifiglio RS = 23.445*
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)

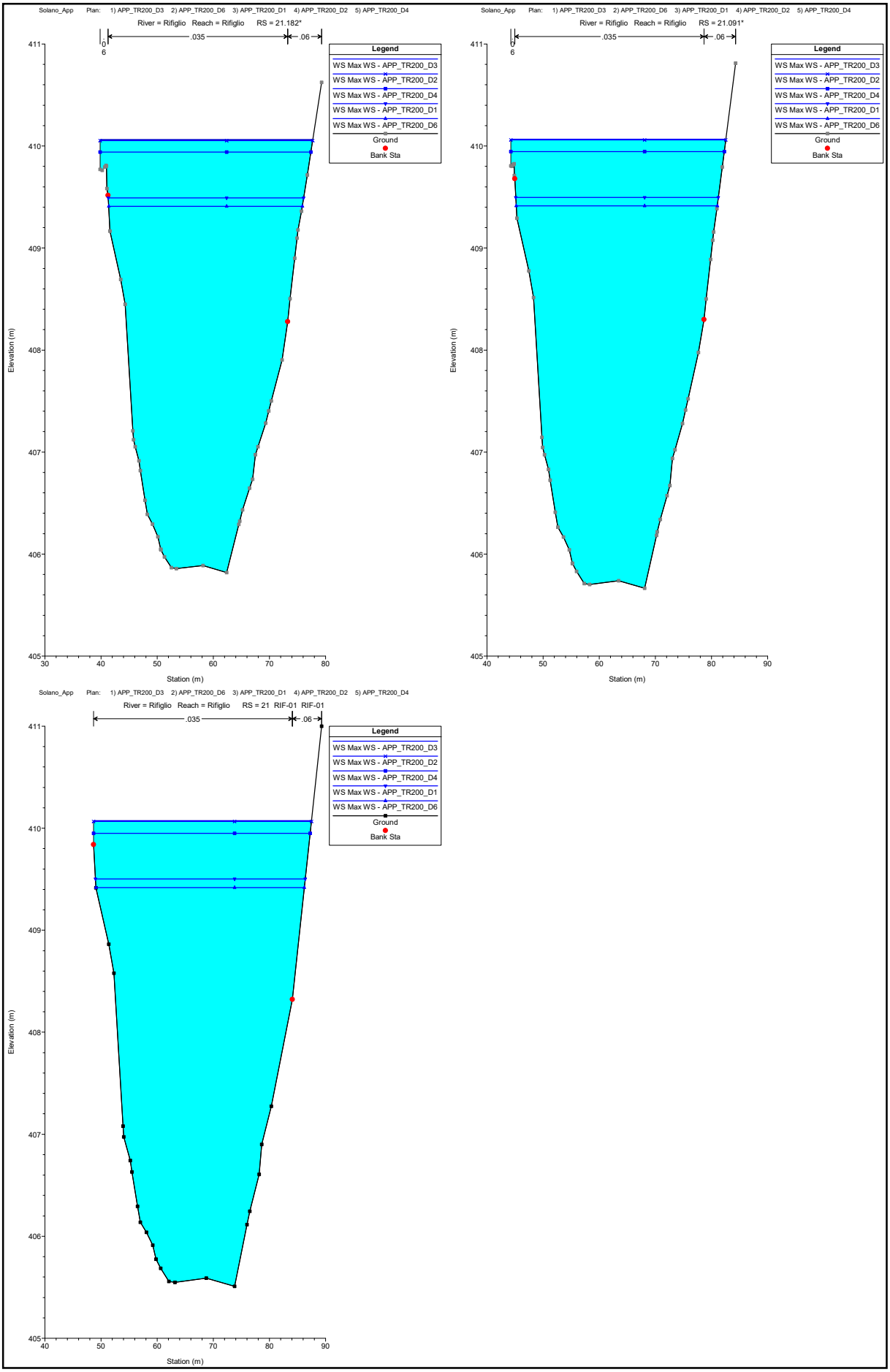

Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Rifiglio Reach = Rifiglio RS = 23.333*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Rifiglio Reach = Rifiglio RS = 23.222*
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Rifiglio Reach = Rifiglio RS = 23.111 RIF-06 RIF-06
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Rifiglio Reach = Rifiglio RS = 23 RIF-05 RIF-05


Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Rifiglio Reach = Rifiglio RS = 22.95 BR
.06
.035
.06
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D6
WS Max WS - APP_TR200_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Rifiglio Reach = Rifiglio RS = 22.95 BR
.06
.035
.06
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Rifiglio Reach = Rifiglio RS = 22.625 RIF-04 RIF-04
.06
.035
.06
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Rifiglio Reach = Rifiglio RS = 22.458*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)


Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Rifiglio Reach = Rifiglio RS = 22.292*
.06 .035 .06
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Rifiglio Reach = Rifiglio RS = 22.125 RIF-03 RIF-03
.06 .035 .06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Rifiglio Reach = Rifiglio RS = 22.1 IS
.06 .035 .06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Rifiglio Reach = Rifiglio RS = 22 RIF-02 RIF-02
.06 .035 .06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)


Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Rifiglio Reach = Rifiglio RS = 21.909*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Rifiglio Reach = Rifiglio RS = 21.818*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Rifiglio Reach = Rifiglio RS = 21.727*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Rifiglio Reach = Rifiglio RS = 21.636*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)


Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Rifiglio Reach = Rifiglio RS = 21.545*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Rifiglio Reach = Rifiglio RS = 21.455*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Rifiglio Reach = Rifiglio RS = 21.364*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Rifiglio Reach = Rifiglio RS = 21.273*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)


Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Rifiglio Reach = Rifiglio RS = 21.182*
.035
.06
0
6
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Rifiglio Reach = Rifiglio RS = 21.091*
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Rifiglio Reach = Rifiglio RS = 21 RIF-01 RIF-01

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "SOLANO_APP"

RIFIGLIO

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 1, 2, 3, 4 e 6 h

Dati idraulici

HEC-RAS River: Rifiglio Reach: Rifiglio Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Rifiglio	25 RIF-12	Max WS	APP_TR200_D3	92.30	412.65	415.31	415.62	416.78	0.017466	5.38	0.61	0.94	17.54	10.22	1.26
Rifiglio	25 RIF-12	Max WS	APP_TR200_D6	62.90	412.65	414.94	415.14	416.01	0.017147	4.59	0.24	0.71	13.84	9.72	1.20
Rifiglio	25 RIF-12	Max WS	APP_TR200_D1	79.99	412.65	415.18	415.43	416.46	0.016845	5.02	0.49	0.85	16.20	10.04	1.22
Rifiglio	25 RIF-12	Max WS	APP_TR200_D2	96.70	412.65	415.35	415.69	416.89	0.017734	5.50	0.66	0.97	17.99	10.27	1.27
Rifiglio	25 RIF-12	Max WS	APP_TR200_D4	81.80	412.65	415.20	415.46	416.51	0.016893	5.07	0.51	0.86	16.41	10.07	1.23
Rifiglio	24.875*	Max WS	APP_TR200_D3	92.30	412.55	415.14	415.46	416.59	0.016810	5.34	0.85	0.97	17.83	10.70	1.25
Rifiglio	24.875*	Max WS	APP_TR200_D6	62.90	412.55	414.78	414.97	415.83	0.016345	4.55	0.46	0.74	14.02	10.01	1.19
Rifiglio	24.875*	Max WS	APP_TR200_D1	79.98	412.55	415.02	415.26	416.27	0.015982	4.97	0.71	0.87	16.50	10.46	1.20
Rifiglio	24.875*	Max WS	APP_TR200_D2	96.70	412.55	415.18	415.53	416.70	0.017156	5.47	0.90	1.00	18.27	10.77	1.27
Rifiglio	24.875*	Max WS	APP_TR200_D4	81.80	412.55	415.04	415.28	416.32	0.016062	5.02	0.74	0.89	16.72	10.50	1.21
Rifiglio	24.750*	Max WS	APP_TR200_D3	92.30	412.45	414.98	415.29	416.38	0.015905	5.27	1.04	0.99	18.37	11.46	1.23
Rifiglio	24.750*	Max WS	APP_TR200_D6	62.90	412.45	414.62	414.80	415.64	0.015257	4.48	0.66	0.77	14.39	10.54	1.16
Rifiglio	24.750*	Max WS	APP_TR200_D1	79.98	412.45	414.87	415.09	416.07	0.014859	4.88	0.90	0.90	17.05	11.17	1.17
Rifiglio	24.750*	Max WS	APP_TR200_D2	96.70	412.45	415.02	415.35	416.49	0.016336	5.41	1.09	1.02	18.79	11.54	1.25
Rifiglio	24.750*	Max WS	APP_TR200_D4	81.80	412.45	414.89	415.12	416.12	0.014954	4.93	0.92	0.91	17.27	11.22	1.18
Rifiglio	24.7			Lat Struct											
Rifiglio	24.625*	Max WS	APP_TR200_D3	92.30	412.35	414.84	415.11	416.15	0.014627	5.14	1.21	1.01	19.32	12.46	1.19
Rifiglio	24.625*	Max WS	APP_TR200_D6	62.90	412.35	414.48	414.62	415.44	0.013787	4.35	0.82	0.79	15.08	11.45	1.11
Rifiglio	24.625*	Max WS	APP_TR200_D1	79.98	412.35	414.73	414.92	415.85	0.013394	4.73	1.05	0.91	18.01	12.20	1.13
Rifiglio	24.625*	Max WS	APP_TR200_D2	96.70	412.35	414.87	415.17	416.26	0.015145	5.29	1.27	1.04	19.72	12.54	1.21
Rifiglio	24.625*	Max WS	APP_TR200_D4	81.80	412.35	414.75	414.95	415.90	0.013505	4.79	1.08	0.93	18.25	12.24	1.13
Rifiglio	24.500 RIF-11	Max WS	APP_TR200_D3	92.30	412.26	414.70	414.92	415.90	0.012935	4.94	1.37	0.98	20.84	13.78	1.13
Rifiglio	24.500 RIF-11	Max WS	APP_TR200_D6	62.90	412.26	414.36	414.45	415.22	0.011911	4.16	0.98	0.82	16.30	12.69	1.05
Rifiglio	24.500 RIF-11	Max WS	APP_TR200_D1	79.98	412.26	414.61	414.73	415.61	0.011540	4.51	1.21	0.92	19.58	13.35	1.06
Rifiglio	24.500 RIF-11	Max WS	APP_TR200_D2	96.69	412.26	414.73	414.99	416.00	0.013529	5.09	1.42	1.00	21.21	13.90	1.16
Rifiglio	24.500 RIF-11	Max WS	APP_TR200_D4	81.80	412.26	414.63	414.76	415.65	0.011676	4.57	1.24	0.93	19.81	13.43	1.06
Rifiglio	24.375*	Max WS	APP_TR200_D3	92.30	412.16	414.59	414.72	415.65	0.011113	4.69	1.36	0.96	22.82	15.75	1.06
Rifiglio	24.375*	Max WS	APP_TR200_D6	62.90	412.16	414.25	414.27	415.00	0.009828	3.91	1.10	0.81	17.93	13.73	0.96
Rifiglio	24.375*	Max WS	APP_TR200_D1	79.98	412.16	414.51	414.53	415.38	0.009632	4.25	1.23	0.88	21.60	15.19	0.98
Rifiglio	24.375*	Max WS	APP_TR200_D2	96.69	412.16	414.61	414.85	415.74	0.011753	4.86	1.42	0.98	23.15	15.93	1.09
Rifiglio	24.375*	Max WS	APP_TR200_D4	81.80	412.16	414.52	414.56	415.42	0.009775	4.31	1.25	0.89	21.85	15.30	0.99
Rifiglio	24.250 RIF-10	Max WS	APP_TR200_D3	92.00	412.06	414.49	414.58	415.38	0.009079	4.37	1.27	0.81	26.15	20.36	0.97
Rifiglio	24.250 RIF-10	Max WS	APP_TR200_D6	62.90	412.06	414.17	414.07	414.79	0.007744	3.61	1.14	0.81	20.20	15.12	0.87
Rifiglio	24.250 RIF-10	Max WS	APP_TR200_D1	79.93	412.06	414.42	414.42	415.16	0.007755	3.96	1.11	0.72	24.83	19.84	0.89
Rifiglio	24.250 RIF-10	Max WS	APP_TR200_D2	96.32	412.06	414.50	414.65	415.47	0.009686	4.54	1.33	0.84	26.45	20.48	1.00
Rifiglio	24.250 RIF-10	Max WS	APP_TR200_D4	81.71	412.06	414.44	414.44	415.19	0.007873	4.01	1.13	0.73	25.13	19.96	0.90
Rifiglio	24.125*	Max WS	APP_TR200_D3	92.28	411.96	414.41	414.18	415.16	0.007316	4.06	1.26	1.03	28.92	19.73	0.88
Rifiglio	24.125*	Max WS	APP_TR200_D6	62.90	411.96	414.10		414.60	0.005850	3.28	1.11	0.82	23.28	16.82	0.76
Rifiglio	24.125*	Max WS	APP_TR200_D1	79.97	411.96	414.36		414.96	0.006049	3.63	1.11	0.91	27.86	19.61	0.79
Rifiglio	24.125*	Max WS	APP_TR200_D2	96.65	411.96	414.42	414.21	415.23	0.007906	4.23	1.32	1.07	29.09	19.75	0.91
Rifiglio	24.125*	Max WS	APP_TR200_D4	81.79	411.96	414.37		414.99	0.006166	3.68	1.13	0.93	28.14	19.64	0.80
Rifiglio	24 RIF-09	Max WS	APP_TR200_D3	92.27	411.86	414.34	414.06	415.02	0.006143	3.86	0.89	1.09	32.71	27.75	0.81
Rifiglio	24 RIF-09	Max WS	APP_TR200_D6	62.90	411.86	414.08	413.66	414.45	0.004029	2.88	1.08	0.80	27.57	18.00	0.65
Rifiglio	24 RIF-09	Max WS	APP_TR200_D1	79.97	411.86	414.30	413.90	414.77	0.004446	3.24	1.23	0.92	31.69	21.37	0.69
Rifiglio	24 RIF-09	Max WS	APP_TR200_D2	93.86	411.86	414.35	414.08	415.05	0.006338	3.92	0.89	1.11	32.80	28.14	0.83
Rifiglio	24 RIF-09	Max WS	APP_TR200_D4	81.80	411.86	414.32	413.92	414.79	0.004555	3.30	1.24	0.93	31.98	23.85	0.70
Rifiglio	23.95			Bridge											
Rifiglio	23.889 RIF-08	Max WS	APP_TR200_D3	92.27	411.48	413.06	413.73	415.18	0.036810	6.65	2.06	1.65	16.04	15.55	1.82
Rifiglio	23.889 RIF-08	Max WS	APP_TR200_D6	62.90	411.48	412.79	413.31	414.45	0.037792	5.82	1.60	1.33	12.02	14.27	1.78
Rifiglio	23.889 RIF-08	Max WS	APP_TR200_D1	79.97	411.48	412.95	413.55	414.90	0.037374	6.34	1.89	1.53	14.37	15.04	1.81
Rifiglio	23.889 RIF-08	Max WS	APP_TR200_D2	96.65	411.48	413.10	413.81	415.28	0.036469	6.75	2.12	1.69	16.64	15.69	1.82
Rifiglio	23.889 RIF-08	Max WS	APP_TR200_D4	81.80	411.48	412.97	413.57	414.94	0.037306	6.39	1.91	1.55	14.62	15.12	1.81
Rifiglio	23.778 RIF-07	Max WS	APP_TR200_D3	92.27	411.10	412.72	413.37	414.83	0.035982	6.57	1.83	1.58	15.76	15.09	1.80
Rifiglio	23.778 RIF-07	Max WS	APP_TR200_D6	62.90	411.10	412.44	413.00	414.09	0.037727	5.76	1.54	1.26	11.78	13.41	1.78
Rifiglio	23.778 RIF-07	Max WS	APP_TR200_D1	79.97	411.10	412.60	413.23	414.54	0.036896	6.27	1.77	1.46	14.07	14.24	1.80
Rifiglio	23.778 RIF-07	Max WS	APP_TR200_D2	96.65	411.10	412.76	413.42	414.95	0.035832	6.69	1.38	1.63	16.70	18.80	1.81
Rifiglio	23.778 RIF-07	Max WS	APP_TR200_D4	81.79	411.10	412.62	413.24	414.58	0.036693	6.31	1.80	1.48	14.33	14.33	1.80
Rifiglio	23.667*	Max WS	APP_TR200_D3	92.27	410.73	412.40	412.96	414.26	0.031197	6.19	1.49	1.45	17.27	18.57	1.68
Rifiglio	23.667*	Max WS	APP_TR200_D6	62.90	410.73	412.09	412.60	413.69	0.036759	5.65	1.14	1.17	11.96	14.84	1.75
Rifiglio	23.667*	Max WS	APP_TR200_D1	79.97	410.73	412.27	412.82	414.06	0.033823	6.03	1.34	1.36	14.89	17.16	1.72
Rifiglio	23.667*	Max WS	APP_TR200_D2	96.66	410.73	412.45	413.01	414.32	0.030023	6.22	1.58	1.48	18.18	18.63	1.66
Rifiglio	23.667*	Max WS	APP_TR200_D4	81.80	410.73	412.29	412.84	414.09	0.033380	6.05	1.36	1.37	15.25	17.41	1.72
Rifiglio	23.556*	Max WS	APP_TR200_D3	92.29	410.35	412.14	412.61	413.73	0.024522	5.70	1.29	1.33	18.46	18.47	1.50
Rifiglio	23.556*	Max WS	APP_TR200_D6	62.90	410.35	411.76	412.25	413.23	0.033117	5.41	1.11	1.08	12.23	13.82	1.66
Rifiglio	23.556*	Max WS	APP_TR200_D1	79.96	410.35	411.98	412.47	413.57	0.028293	5.66	1.12	1.25	15.49	16.81	1.58
Rifiglio	23.556*	Max WS	APP_TR200_D2	96.68	410.35	412.20	412.66	413.78	0.023211	5.69	1.38	1.35	19.56	18.55	1.47
Rifiglio	23.556*	Max WS	APP_TR200_D4	81.80	410.35	412.00	412.50	413.60	0.027769	5.67	1.07	1.27	15.91	17.67	1.57
Rifiglio	23.445*	Max WS	APP_TR200_D3	92.29	409.97	411.95	412.28	413.19	0.016836	5.03	1.18	1.18	20.46	17.41	1.27
Rifiglio	23.445*	Max WS	APP_TR200_D6	62.90	409.97	411.48	411.84	412.71	0.025288	4.93	1.03	0.98	13.35	13.77	1.47
Rifiglio	23.445*	Max WS	APP_TR200_D1	79.96	409.97	411.75	412.13	413.00	0.019859	5.02	1.16	1.12	17.27	15.65	1.35
Rifiglio	23.445*	Max WS	APP_TR200_D2	96.68	409.97	412.01	412.33	413.26	0.015942	5.04	1.14	1.20	21.72	18.54	1.24
Rifiglio	23.445*	Max WS	APP_TR200_D4	81.79	409.97	411.78	412.16	413.03	0.019388	5.02	1.17	1.13	17.72	15.85	1.33
Rifiglio	23.333*	Max WS	APP_TR200_D3	92.29	409.59	411.82	411.93	412.72	0.010337	4.28	1.08	1.03	24.00	17.32	1.01
Rifiglio	23.333*	Max WS	APP_TR200_D6	62.90	409.59	411.29	411.47	412.18	0.015672	4.21	0.91	0.86	15.69	14.31	1.18
Rifiglio	23.333*	Max WS	APP_TR200_D1	79.95	409.59	411.60	411.73	412.50	0.012113	4.26	1.02	0.98	20.38	16.04	1.07
Rifiglio	23.333*	Max WS	APP_TR200_D2	96.68	409.59	411.89	411.98	412.80	0.009887	4.30	1.00	1.05	25.35	18.61	1.00
Rifiglio	23.333*	Max WS	APP_TR200_D4	81.79	409.59	411.63	411.75	412.54	0.011835	4.27	1.03	0.98	20.89	16.23	1.06
Rifiglio	23.222*	Max WS	APP_TR200_D3	92.29	409.22	411.74		412.39	0.006179	3.62	0.84	0.89	28.58	18.64	0.80
Rifiglio	23.222*	Max WS	APP_TR200_D6	62.90	409.22	411.18	411.09	411.77	0.008493	3.45	0.79	0.75	19.31	15.11	0.89
Rifiglio	23.222*	Max WS	APP_TR200_D1	79.95	409.22	411.51		412.14	0.006937	3.55	0.89	0.84	24.59	16.62	0.83
Rifiglio	23.222*	Max WS	APP_TR200_D2	96.68	409.22	411.82		412.47	0.005937	3.64	0.90	0.90	30.05	18.74	0.79
Rifiglio	23.222*	Max WS	APP_TR200_D4	81.79	409.22	411.54		412.17	0.006818	3.57	0.90	0.85	25.16	16.77	0.83
Rifiglio	23.111 RIF-06	Max WS	APP_TR200_D3	92.29	408.84	411.69		412.15	0.003707	3.06	0.80	0.77	33.80	18.32	0.63
Rifiglio	23.111 RIF-06	Max WS	APP_TR200_D6	62.90	408.84	411.12		411.51	0.004507	2.81	0.67	0.64	23.95	15.94	0.67
Rifiglio	23.111 RIF-06	Max WS	APP_TR200_D1	79.95	408.84	411.46		411.89	0.003995	2.97	0.77	0.72	29.62	17.23	0.64
Rifiglio	23.111 RIF-06	Max WS	APP_TR200_D2	96.67	408.84	411.77		412.24	0.003623	3.10	0.82	0.78	35.28	18.70	0.63
Rifiglio	23.111 RIF-06	Max WS	APP_TR200_D4	81.79	408.84	411.49		411.93	0.003954	2.99	0.77	0.73	30.22	17.38	0.64
Rifiglio	23 RIF-05	Max WS	APP_TR200_D3	92.29	408.46	411.74	410.74	412.05	0.002085	2.54	0.71	0.65	41.25	18.93	0.49
Rifiglio	23 RIF-05	Max WS	APP_TR200_D6	62.90	408.46	411.14	410.33	411.39	0.002254	2.25	0.56	0.54	30.44	17.17	0.48
Rifiglio	23 RIF-05	Max WS	APP_TR200_D1	79.95	408.46	411.50	410.58	411.79	0.002163	2.43	0.64	0.61	36.70	18.43	0.49
Rifiglio	23 RIF-05	Max WS	APP_TR200_D2	96.67	408.46	411.82	410.80	412.14	0.002057	2.57	0.73	0.67	42.85	19.03	0.48
Rifiglio	23 RIF-05	Max WS	APP_TR200_D4	81.79	408.46	411.53	410.61	411.83	0.002151	2.45	0.65	0.62	37.38	18.56	0.49

HEC-RAS River: Rifiglio Reach: Rifiglio Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Rifiglio	22.95			Bridge											
Rifiglio	22.625 RIF-04	Max WS	APP_TR200_D3	92.27	407.99	410.11	410.01	410.80	0.008165	3.70	0.92	0.82	26.30	17.37	0.89
Rifiglio	22.625 RIF-04	Max WS	APP_TR200_D6	62.90	407.99	409.64	409.64	410.26	0.011091	3.49	0.67	0.64	18.41	15.86	0.99
Rifiglio	22.625 RIF-04	Max WS	APP_TR200_D1	79.95	407.99	409.84	409.87	410.58	0.011036	3.83	0.81	0.78	21.60	16.62	1.01
Rifiglio	22.625 RIF-04	Max WS	APP_TR200_D2	96.66	407.99	410.13	410.06	410.87	0.008662	3.83	0.96	0.85	26.60	17.41	0.92
Rifiglio	22.625 RIF-04	Max WS	APP_TR200_D4	81.76	407.99	410.01		410.62	0.007968	3.50	0.83	0.75	24.45	17.09	0.87
Rifiglio	22.458*	Max WS	APP_TR200_D3	92.26	407.91	410.05		410.57	0.005988	3.24	0.70	0.79	30.31	20.31	0.77
Rifiglio	22.458*	Max WS	APP_TR200_D6	62.90	407.91	409.55		410.03	0.008412	3.09	0.44	0.64	20.77	17.64	0.87
Rifiglio	22.458*	Max WS	APP_TR200_D1	79.94	407.91	409.75	409.65	410.33	0.008442	3.40	0.55	0.76	24.38	19.10	0.89
Rifiglio	22.458*	Max WS	APP_TR200_D2	96.59	407.91	410.06		410.63	0.006400	3.36	0.73	0.82	30.58	20.36	0.80
Rifiglio	22.458*	Max WS	APP_TR200_D4	81.75	407.91	409.94		410.41	0.005791	3.06	0.61	0.72	28.19	19.89	0.75
Rifiglio	22.4			Lat Struct											
Rifiglio	22.292*	Max WS	APP_TR200_D3	92.30	407.84	410.00		410.39	0.004253	2.81	0.51	0.57	36.46	32.23	0.66
Rifiglio	22.292*	Max WS	APP_TR200_D6	62.90	407.84	409.48		409.85	0.006038	2.70	0.43	0.63	23.90	18.98	0.74
Rifiglio	22.292*	Max WS	APP_TR200_D1	79.94	407.84	409.68		410.13	0.006186	2.99	0.34	0.75	27.88	22.18	0.77
Rifiglio	22.292*	Max WS	APP_TR200_D2	96.54	407.84	410.01		410.43	0.004579	2.92	0.53	0.59	36.73	32.31	0.68
Rifiglio	22.292*	Max WS	APP_TR200_D4	81.67	407.84	409.90		410.25	0.004043	2.64	0.41	0.61	33.36	30.05	0.63
Rifiglio	22.125 RIF-03	Max WS	APP_TR200_D3	90.35	407.76	409.99	409.38	410.22	0.002438	2.22	0.47	0.74	49.37	34.28	0.50
Rifiglio	22.125 RIF-03	Max WS	APP_TR200_D6	62.90	407.76	409.46	409.05	409.71	0.003695	2.22	0.36	0.56	31.51	28.04	0.59
Rifiglio	22.125 RIF-03	Max WS	APP_TR200_D1	79.94	407.76	409.63	409.24	409.93	0.004060	2.50	0.41	0.72	36.16	28.12	0.63
Rifiglio	22.125 RIF-03	Max WS	APP_TR200_D2	94.48	407.76	409.98	409.42	410.23	0.002741	2.34	0.49	0.78	48.87	34.28	0.53
Rifiglio	22.125 RIF-03	Max WS	APP_TR200_D4	80.87	407.76	409.89	409.25	410.10	0.002360	2.11	0.41	0.69	46.00	34.28	0.49
Rifiglio	22.1			Inl Struct											
Rifiglio	22 RIF-02	Max WS	APP_TR200_D3	90.35	407.21	409.93		410.10	0.001327	1.92	0.41	0.54	57.60	34.28	0.38
Rifiglio	22 RIF-02	Max WS	APP_TR200_D6	62.87	407.21	409.29		409.47	0.001861	1.89	0.53	0.45	35.44	21.00	0.43
Rifiglio	22 RIF-02	Max WS	APP_TR200_D1	79.88	407.21	409.31		409.59	0.002895	2.37	0.67	0.57	35.89	21.07	0.54
Rifiglio	22 RIF-02	Max WS	APP_TR200_D2	94.20	407.21	409.91		410.10	0.001485	2.03	0.42	0.57	56.94	34.28	0.40
Rifiglio	22 RIF-02	Max WS	APP_TR200_D4	80.87	407.21	409.83		409.99	0.001227	1.81	0.35	0.49	54.38	34.28	0.37
Rifiglio	21.909*	Max WS	APP_TR200_D3	102.31	407.05	409.86		410.07	0.001518	2.05	0.38	0.54	58.72	34.86	0.41
Rifiglio	21.909*	Max WS	APP_TR200_D6	62.86	407.05	409.32		409.46	0.001375	1.66	0.43	0.39	39.80	22.58	0.37
Rifiglio	21.909*	Max WS	APP_TR200_D1	79.08	407.05	409.36		409.57	0.002016	2.04	0.53	0.34	42.19	29.13	0.45
Rifiglio	21.909*	Max WS	APP_TR200_D2	105.56	407.05	409.85		410.07	0.001658	2.13	0.39	0.55	58.12	34.86	0.43
Rifiglio	21.909*	Max WS	APP_TR200_D4	88.71	407.05	409.80		409.96	0.001259	1.83	0.32	0.46	56.44	34.86	0.37
Rifiglio	21.818*	Max WS	APP_TR200_D3	97.07	406.90	409.92		410.06	0.001022	1.73	0.31	0.44	64.47	35.43	0.34
Rifiglio	21.818*	Max WS	APP_TR200_D6	62.84	406.90	409.34		409.45	0.001033	1.48	0.34	0.21	45.14	30.25	0.33
Rifiglio	21.818*	Max WS	APP_TR200_D1	78.77	406.90	409.39		409.55	0.001491	1.80	0.42	0.28	46.68	30.27	0.39
Rifiglio	21.818*	Max WS	APP_TR200_D2	100.67	406.90	409.90		410.06	0.001124	1.80	0.32	0.46	63.90	35.43	0.35
Rifiglio	21.818*	Max WS	APP_TR200_D4	84.69	406.90	409.84		409.96	0.000868	1.56	0.26	0.38	61.71	35.43	0.31
Rifiglio	21.727*	Max WS	APP_TR200_D3	91.07	406.75	409.96		410.07	0.000685	1.45	0.25	0.36	70.44	36.01	0.28
Rifiglio	21.727*	Max WS	APP_TR200_D6	62.82	406.75	409.36		409.44	0.000784	1.32	0.27	0.20	49.82	29.31	0.29
Rifiglio	21.727*	Max WS	APP_TR200_D1	78.75	406.75	409.42		409.54	0.001125	1.60	0.33	0.25	51.55	30.17	0.34
Rifiglio	21.727*	Max WS	APP_TR200_D2	94.95	406.75	409.95		410.06	0.000759	1.52	0.26	0.37	69.91	36.01	0.29
Rifiglio	21.727*	Max WS	APP_TR200_D4	80.56	406.75	409.87		409.96	0.000605	1.33	0.21	0.31	67.19	36.01	0.26
Rifiglio	21.636*	Max WS	APP_TR200_D3	86.65	406.59	409.99		410.07	0.000486	1.25	0.21	0.30	76.30	36.59	0.24
Rifiglio	21.636*	Max WS	APP_TR200_D6	62.81	406.59	409.37		409.44	0.000600	1.18	0.21	0.19	55.07	29.51	0.25
Rifiglio	21.636*	Max WS	APP_TR200_D1	78.75	406.59	409.44		409.54	0.000857	1.44	0.26	0.24	56.98	30.15	0.30
Rifiglio	21.636*	Max WS	APP_TR200_D2	90.96	406.59	409.98		410.07	0.000544	1.32	0.22	0.31	75.81	36.59	0.25
Rifiglio	21.636*	Max WS	APP_TR200_D4	78.11	406.59	409.89		409.96	0.000448	1.17	0.17	0.26	72.69	36.59	0.22
Rifiglio	21.545*	Max WS	APP_TR200_D3	82.46	406.44	410.01		410.07	0.000349	1.08	0.17	0.24	82.44	37.17	0.20
Rifiglio	21.545*	Max WS	APP_TR200_D6	62.79	406.44	409.38		409.44	0.000465	1.06	0.15	0.18	60.72	30.21	0.22
Rifiglio	21.545*	Max WS	APP_TR200_D1	78.74	406.44	409.45		409.54	0.000661	1.29	0.20	0.23	62.84	30.77	0.27
Rifiglio	21.545*	Max WS	APP_TR200_D2	87.05	406.44	410.00		410.07	0.000395	1.15	0.18	0.26	81.99	37.17	0.21
Rifiglio	21.545*	Max WS	APP_TR200_D4	76.10	406.44	409.91		409.96	0.000338	1.04	0.14	0.22	78.51	37.17	0.20
Rifiglio	21.455*	Max WS	APP_TR200_D3	79.34	406.28	410.03		410.07	0.000260	0.95	0.14	0.21	88.82	37.56	0.17
Rifiglio	21.455*	Max WS	APP_TR200_D6	62.78	406.28	409.39		409.44	0.000363	0.96	0.11	0.17	66.77	31.15	0.20
Rifiglio	21.455*	Max WS	APP_TR200_D1	78.67	406.28	409.46		409.53	0.000515	1.17	0.15	0.21	69.08	31.64	0.24
Rifiglio	21.455*	Max WS	APP_TR200_D2	84.18	406.28	410.02		410.07	0.000296	1.01	0.14	0.22	88.39	37.50	0.19
Rifiglio	21.455*	Max WS	APP_TR200_D4	74.75	406.28	409.92		409.96	0.000262	0.93	0.12	0.20	84.70	36.98	0.17
Rifiglio	21.364*	Max WS	APP_TR200_D3	76.49	406.13	410.04		410.08	0.000195	0.84	0.11	0.18	95.67	37.44	0.15
Rifiglio	21.364*	Max WS	APP_TR200_D6	62.70	406.13	409.40		409.44	0.000286	0.87	0.07	0.16	73.21	32.27	0.18
Rifiglio	21.364*	Max WS	APP_TR200_D1	78.63	406.13	409.48		409.53	0.000406	1.06	0.10	0.20	75.70	32.66	0.21
Rifiglio	21.364*	Max WS	APP_TR200_D2	81.24	406.13	410.03		410.07	0.000223	0.89	0.12	0.20	95.28	37.40	0.16
Rifiglio	21.364*	Max WS	APP_TR200_D4	73.39	406.13	409.93		409.96	0.000204	0.84	0.09	0.18	91.44	36.97	0.15
Rifiglio	21.273*	Max WS	APP_TR200_D3	73.02	405.97	410.05		410.08	0.000145	0.74	0.09	0.16	103.01	37.59	0.13
Rifiglio	21.273*	Max WS	APP_TR200_D6	62.63	405.97	409.40		409.44	0.000227	0.79	0.02	0.15	80.02	33.35	0.16
Rifiglio	21.273*	Max WS	APP_TR200_D1	78.56	405.97	409.48		409.53	0.000323	0.97	0.05	0.18	82.69	33.81	0.19
Rifiglio	21.273*	Max WS	APP_TR200_D2	78.82	405.97	410.04		410.07	0.000171	0.80	0.09	0.18	102.66	37.55	0.14
Rifiglio	21.273*	Max WS	APP_TR200_D4	71.98	405.97	409.93		409.96	0.000160	0.75	0.07	0.16	98.64	37.19	0.14
Rifiglio	21.182*	Max WS	APP_TR200_D3	68.30	405.82	410.06		410.08	0.000104	0.63	0.07	0.14	110.88	37.90	0.11
Rifiglio	21.182*	Max WS	APP_TR200_D6	62.54	405.82	409.41		409.44	0.000181	0.73		0.13	87.26	34.51	0.14
Rifiglio	21.182*	Max WS	APP_TR200_D1	78.44	405.82	409.49		409.53	0.000258	0.88		0.17	90.08	34.82	0.17
Rifiglio	21.182*	Max WS	APP_TR200_D2	74.33	405.82	410.05		410.08	0.000124	0.69	0.07	0.15	110.55	37.87	0.12
Rifiglio	21.182*	Max WS	APP_TR200_D4	70.19	405.82	409.94		409.96	0.000124	0.68	0.06	0.15	106.34	37.56	0.12
Rifiglio	21.091*	Max WS	APP_TR200_D3	64.76	405.67	410.07		410.08	0.000077	0.56	0.05	0.12	119.10	38.32	0.10
Rifiglio	21.091*	Max WS	APP_TR200_D6	62.43	405.67	409.41		409.44	0.000144	0.67		0.12	94.86	35.82	0.13
Rifiglio	21.091*	Max WS	APP_TR200_D1	78.33	405.67	409.50		409.53	0.000207	0.81		0.15	97.85	36.09	0.15
Rifiglio	21.091*	Max WS	APP_TR200_D2	70.63	405.67	410.06		410.08	0.000093	0.61	0.05	0.13	118.78	38.30	0.11
Rifiglio	21.091*	Max WS	APP_TR200_D4	69.02	405.67	409.94		409.96	0.000099	0.62	0.04	0.13	114.42	38.03	0.11
Rifiglio	21 RIF-01	Max WS	APP_TR200_D3	60.45	405.51	410.07		410.09	0.000056	0.48		0.11	127.80	38.82	0.08
Rifiglio	21 RIF-01	Max WS	APP_TR200_D6	62.29	405.51	409.42		409.44	0.000116	0.61		0.11	102.83	37.16	0.11
Rifiglio	21 RIF-01	Max WS	APP_TR200_D1	78.20	405.51	409.50		409.53	0.000167	0.75		0.14	105.98	37.40	0.14
Rifiglio	21 RIF-01	Max WS	APP_TR200_D2	66.43	405.51	410.07		410.08	0.000069	0.53		0.12	127.50	38.81	0.09
Rifiglio	21 RIF-01	Max WS	APP_TR200_D4	67.66	405.51	409.95		409.96	0.000079	0.56		0.12	122.98	38.58	0.10

ALLEGATI

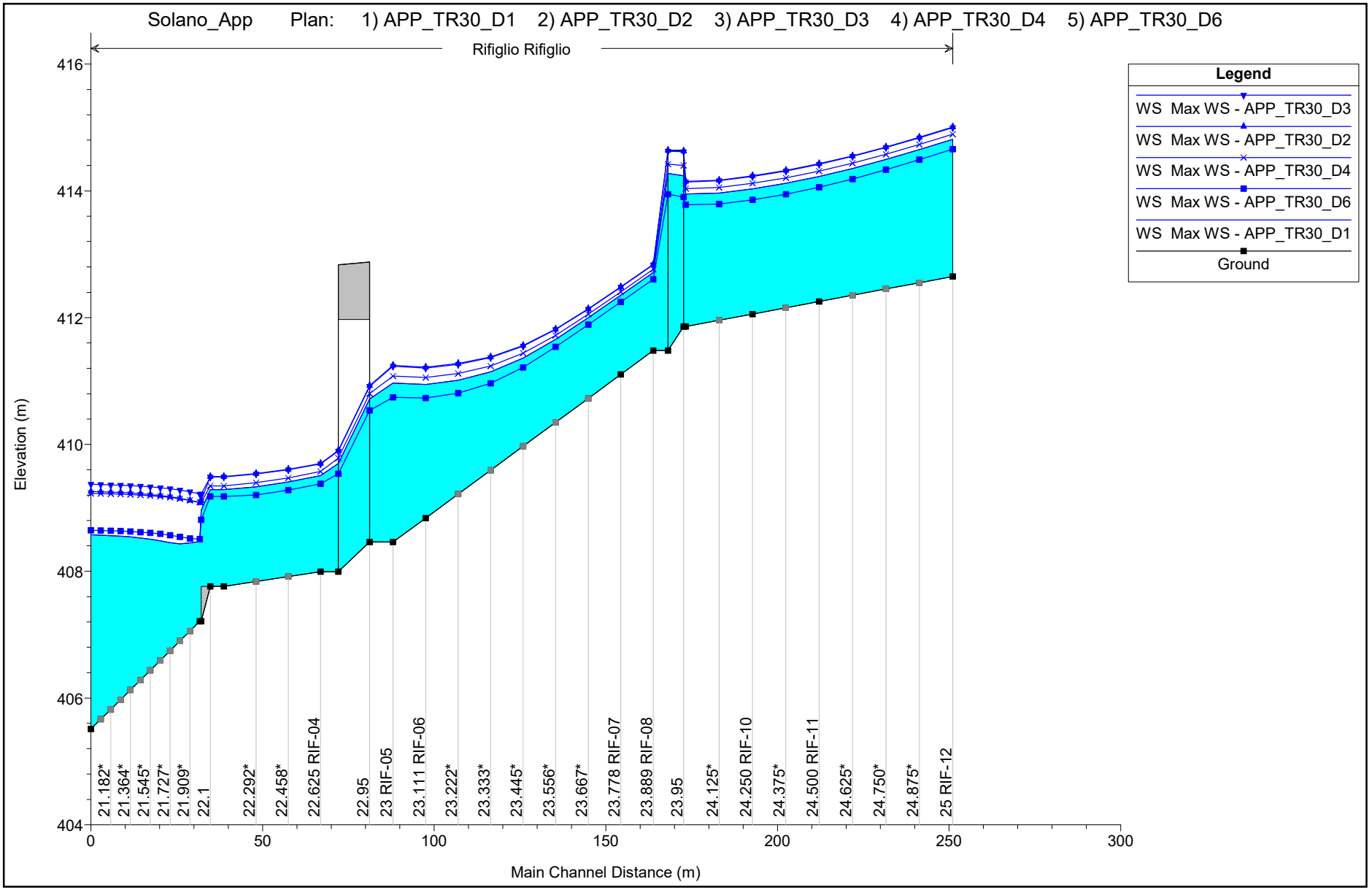
MODELLAZIONE HEC-RAS 5.0.7 "SOLANO_APP"

RIFIGLIO

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 1, 2, 3, 4 e 6 h

Profilo longitudinale


Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
Rifiglio Rifiglio
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Elevation (m)
Main Channel Distance (m)
416
414
412
410
408
406
404
0
50
100
150
200
250
300
21.182*
21.364*
21.545*
21.727*
21.909*
22.1
22.292*
22.458*
22.625 RIF-04
22.95
23 RIF-05
23.111 RIF-06
23.222*
23.333*
23.445*
23.556*
23.667*
23.778 RIF-07
23.889 RIF-08
23.95
24.125*
24.250 RIF-10
24.375*
24.500 RIF-11
24.625*
24.750*
24.875*
25 RIF-12

ALLEGATI

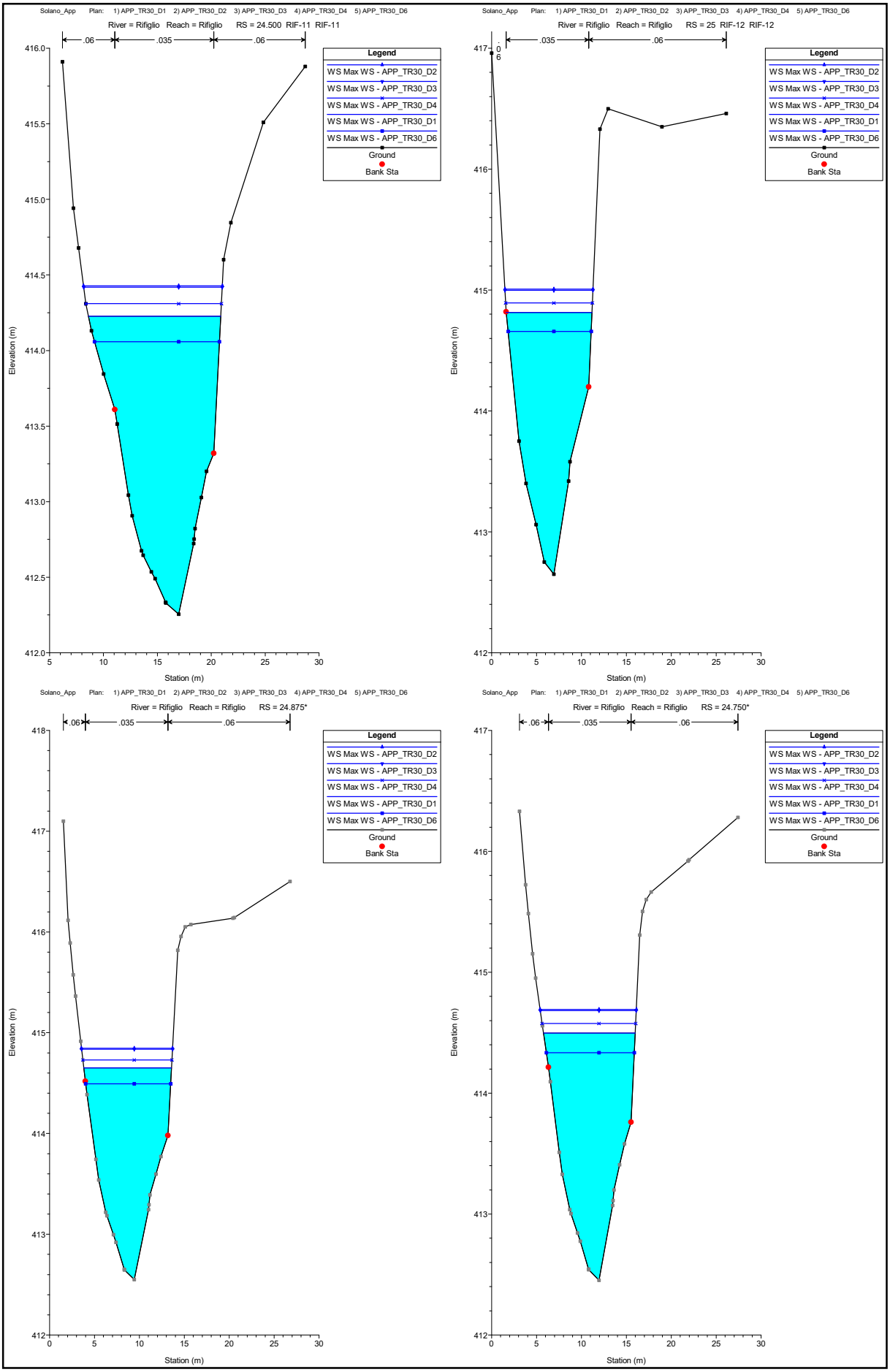
MODELLAZIONE HEC-RAS 5.0.7 "SOLANO_APP"

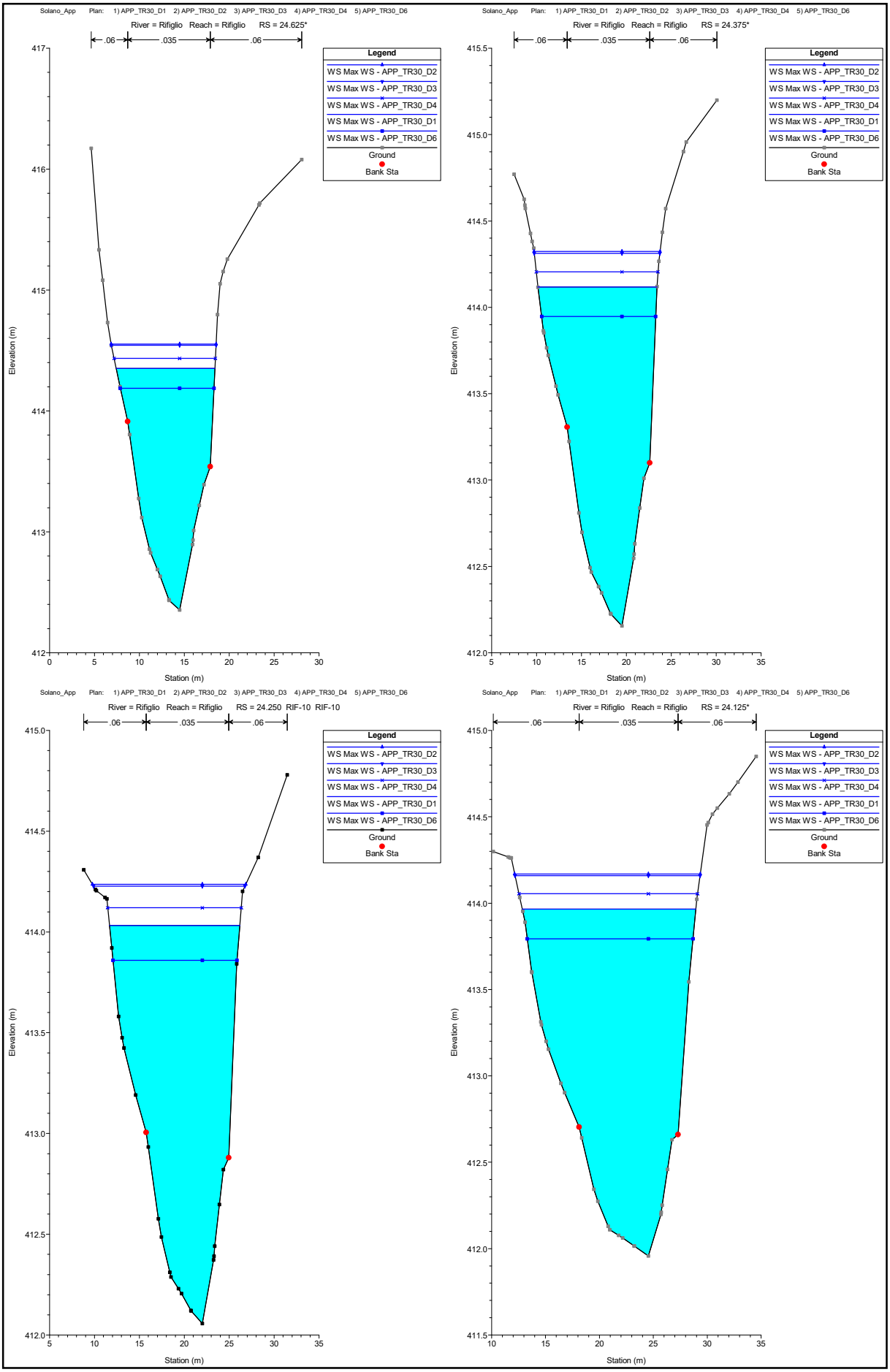
RIFIGLIO

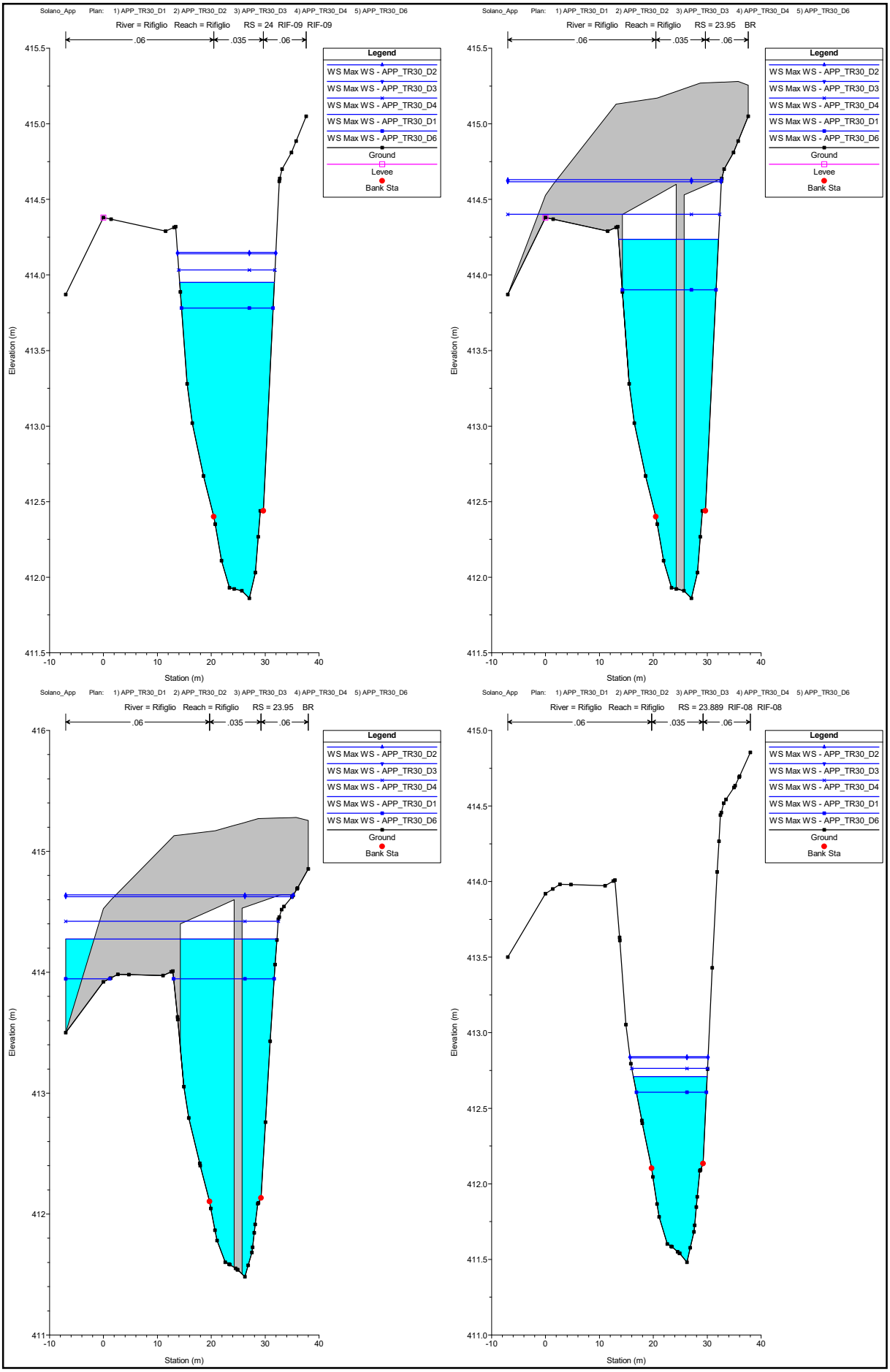
MODELLAZIONE PER TR= 30 anni

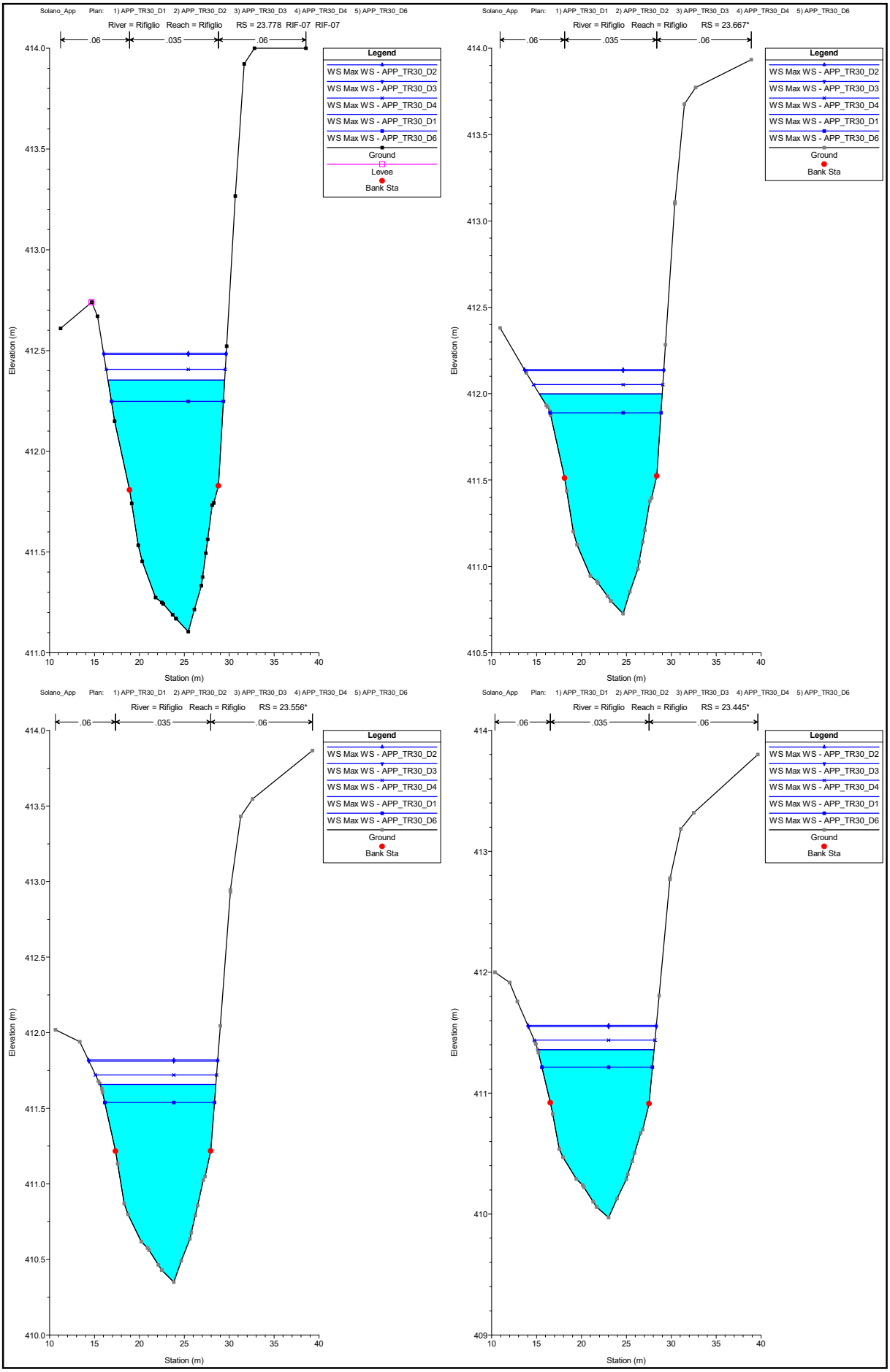
DURATE DI PIOGGIA: 1, 2, 3, 4 e 6 h

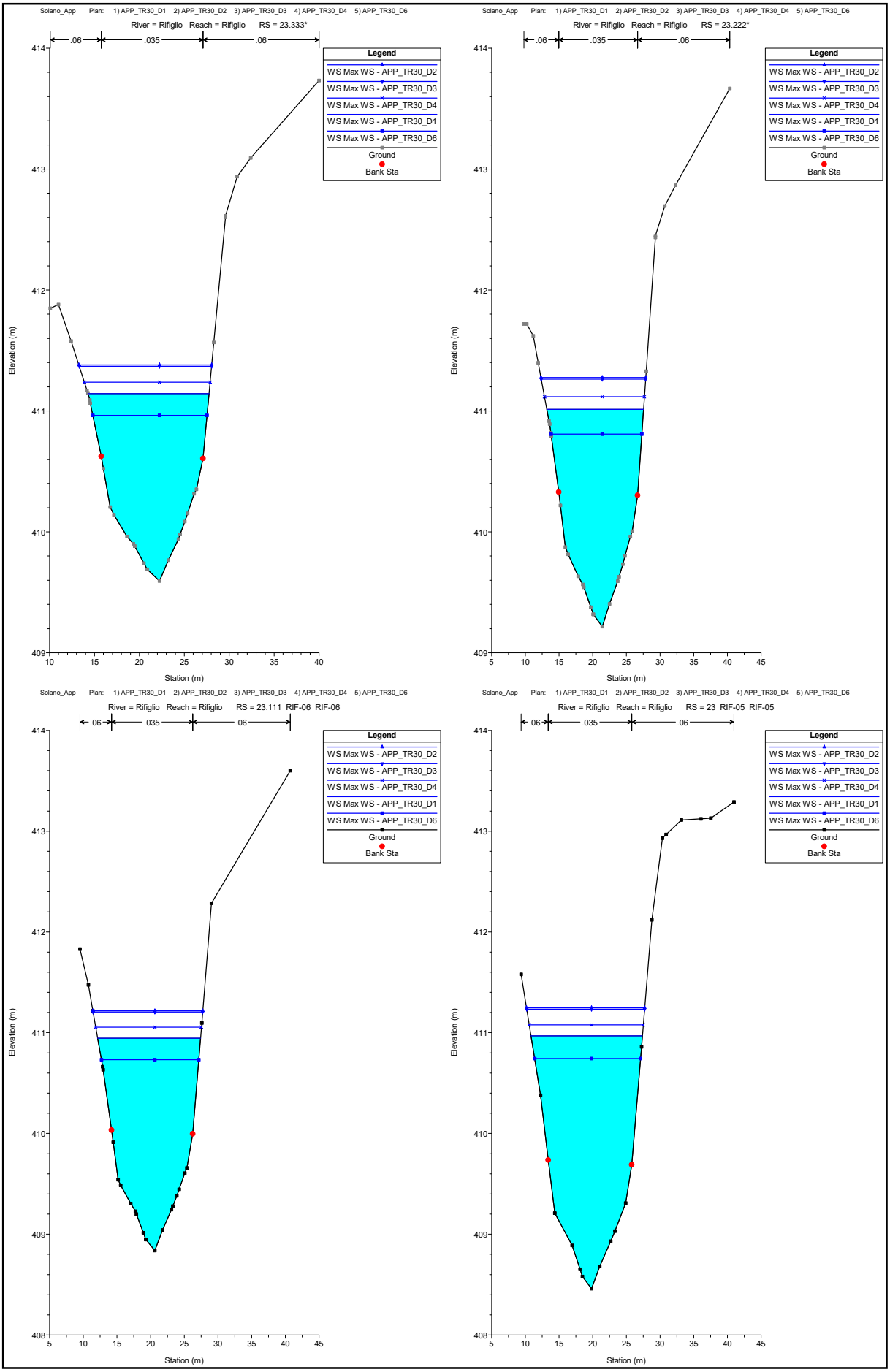
Sezioni Trasversali (da monte verso valle)

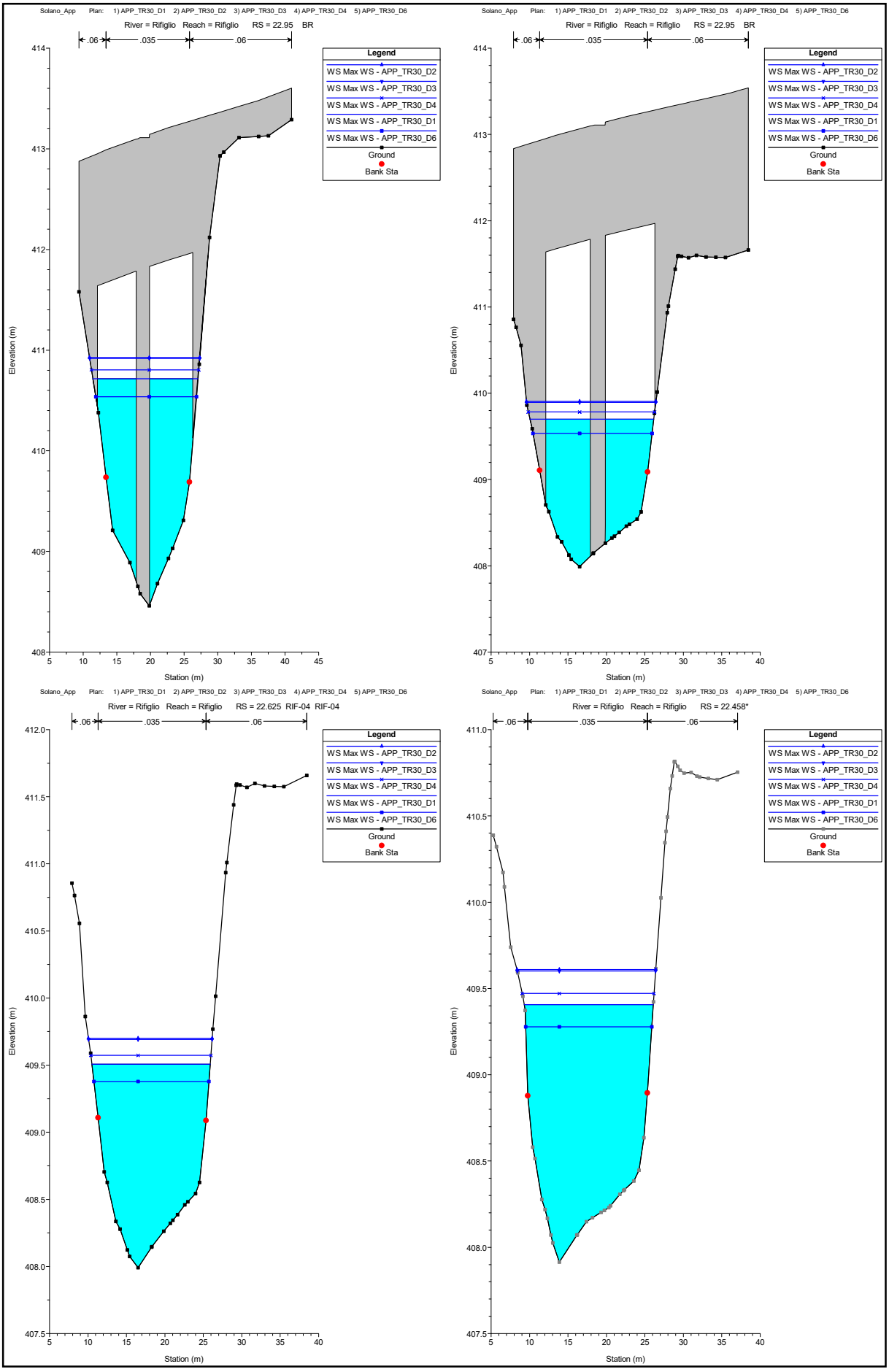

Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Rifiglio Reach = Rifiglio RS = 24.500 RIF-11 RIF-11
.06
.035
.06
Legend
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Rifiglio Reach = Rifiglio RS = 25 RIF-12 RIF-12
.035
.06
Legend
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Rifiglio Reach = Rifiglio RS = 24.875*
.06
.035
.06
Legend
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Rifiglio Reach = Rifiglio RS = 24.750*
.06
.035
.06
Legend
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)

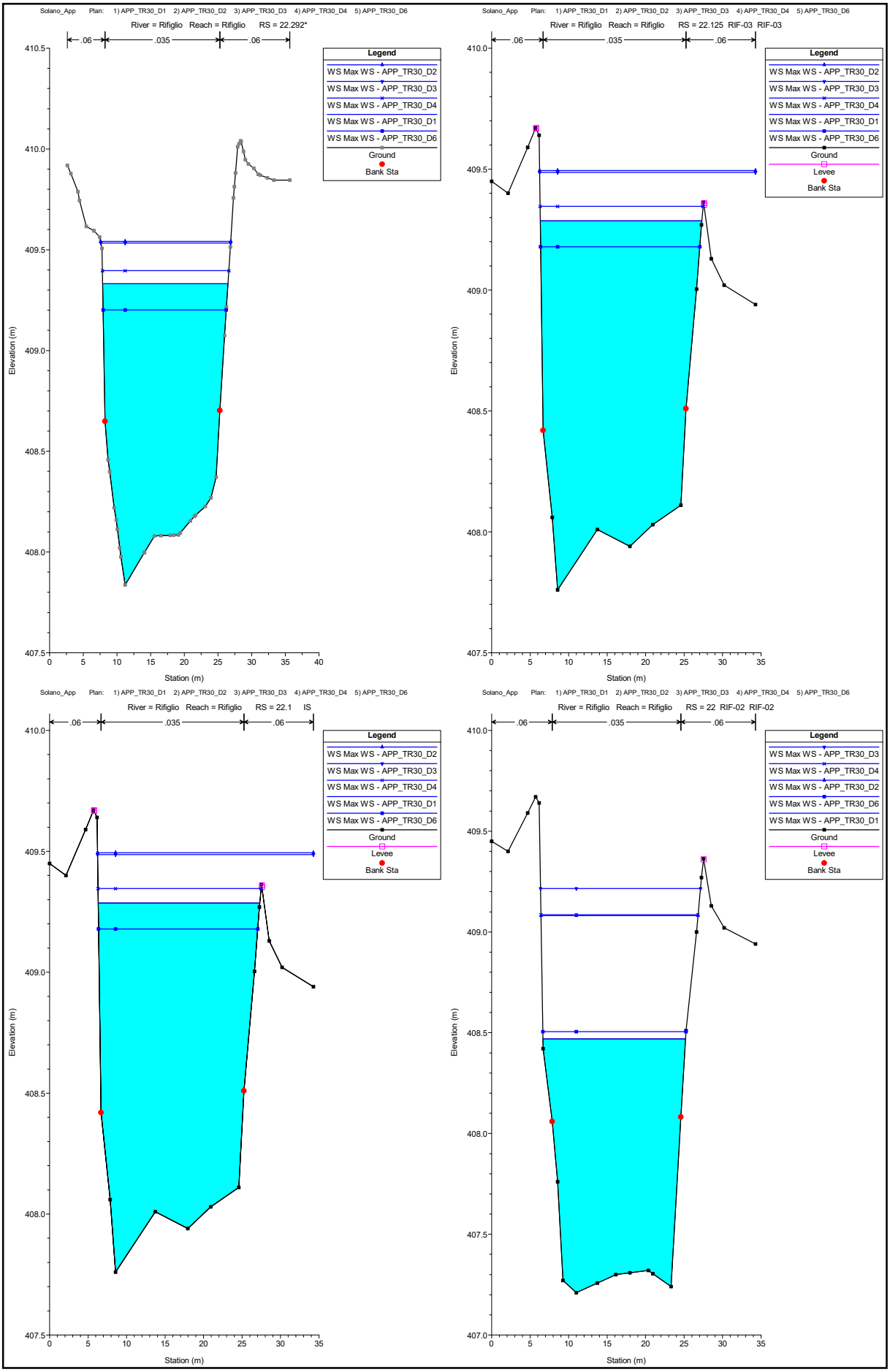

Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Rifiglio Reach = Rifiglio RS = 24.625*
.06 .035 .06
Legend
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Rifiglio Reach = Rifiglio RS = 24.375*
.06 .035 .06
Legend
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Rifiglio Reach = Rifiglio RS = 24.250 RIF-10 RIF-10
.06 .035 .06
Legend
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Rifiglio Reach = Rifiglio RS = 24.125*
.06 .035 .06
Legend
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)

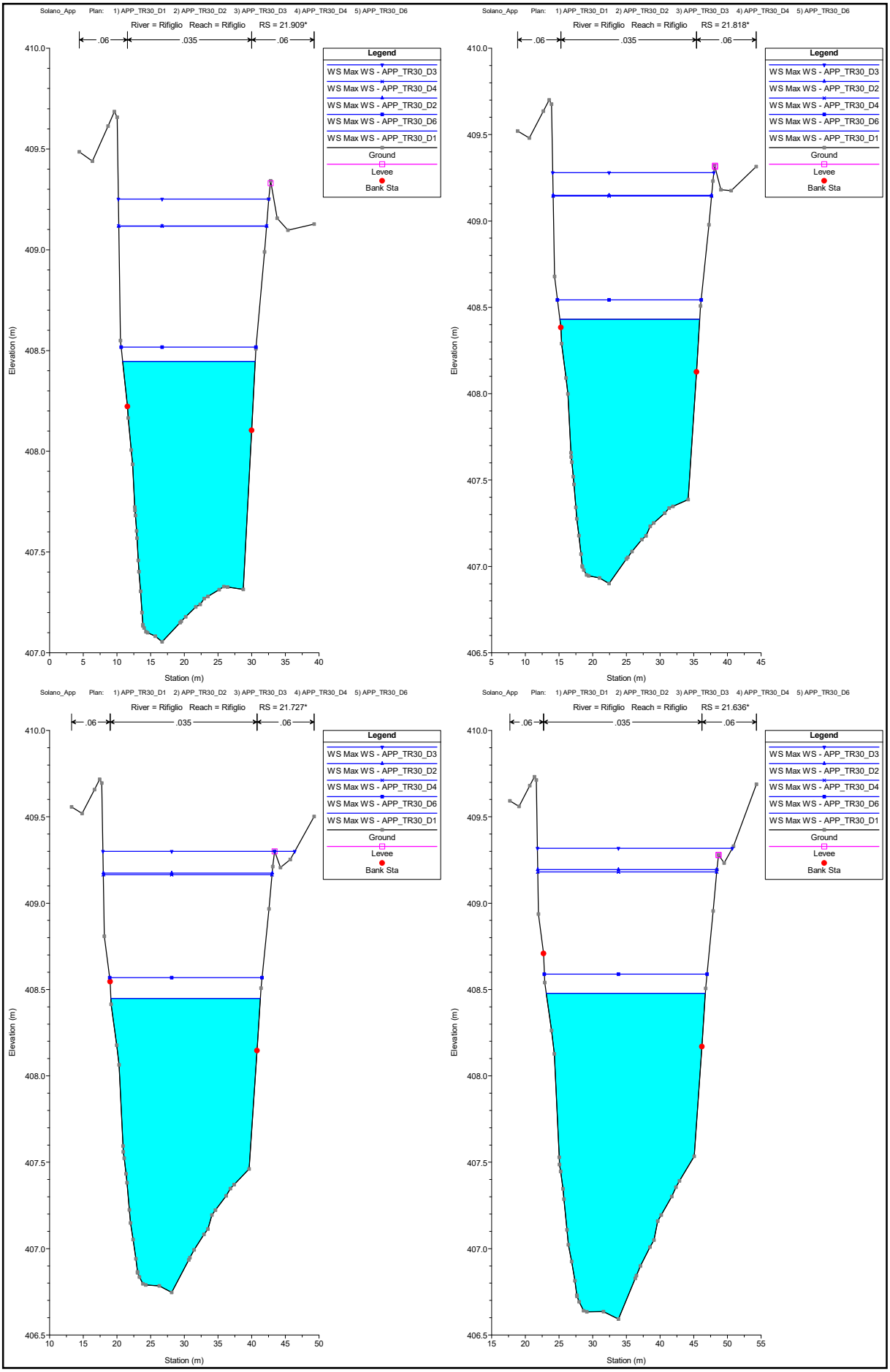

Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Rifiglio Reach = Rifiglio RS = 24 RIF-09 RIF-09
.06 .035 .06
Legend
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Rifiglio Reach = Rifiglio RS = 23.95 BR
.06 .035 .06
Legend
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Rifiglio Reach = Rifiglio RS = 23.95 BR
.06 .035 .06
Legend
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Rifiglio Reach = Rifiglio RS = 23.889 RIF-08 RIF-08
.06 .035 .06
Legend
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)

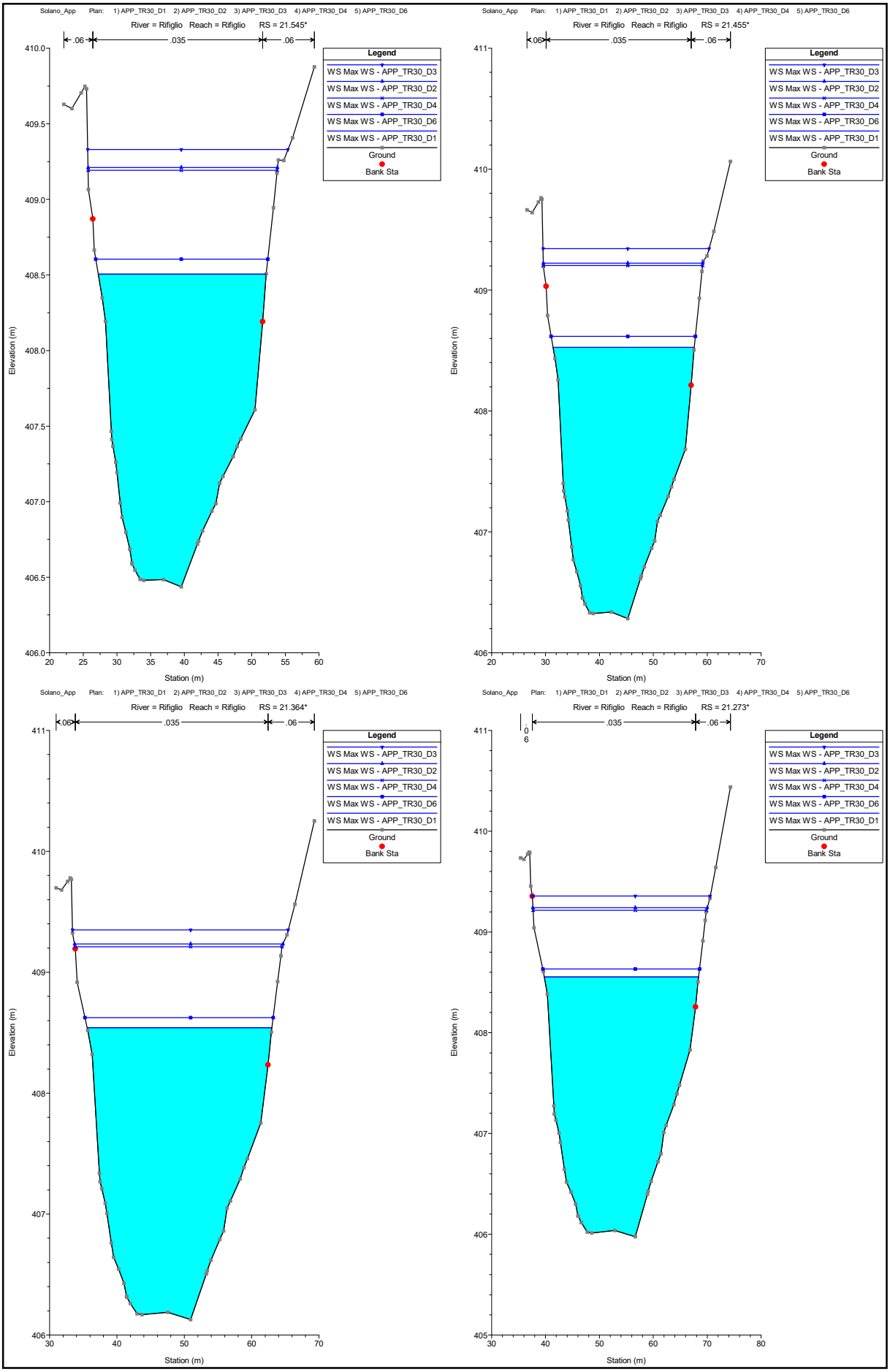

Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Rifiglio Reach = Rifiglio RS = 23.778 RIF-07 RIF-07
.06 .035 .06
Legend
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Rifiglio Reach = Rifiglio RS = 23.667*
.06 .035 .06
Legend
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Rifiglio Reach = Rifiglio RS = 23.556*
.06 .035 .06
Legend
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Rifiglio Reach = Rifiglio RS = 23.445*
.06 .035 .06
Legend
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)

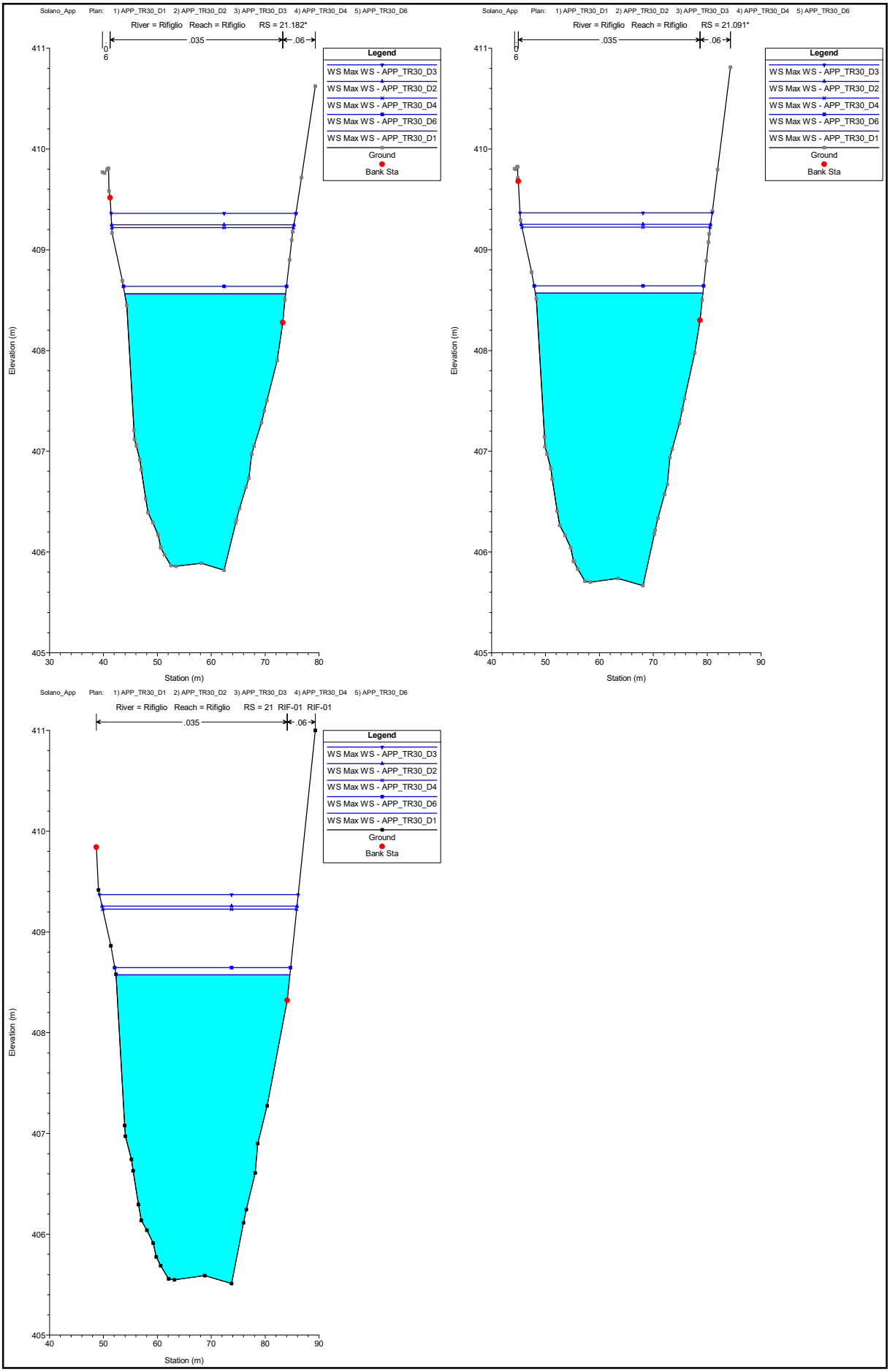

Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Rifiglio Reach = Rifiglio RS = 23.333*
.06 .035 .06
Legend
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Rifiglio Reach = Rifiglio RS = 23.222*
.06 .035 .06
Legend
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Rifiglio Reach = Rifiglio RS = 23.111 RIF-06 RIF-06
.06 .035 .06
Legend
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Rifiglio Reach = Rifiglio RS = 23 RIF-05 RIF-05
.06 .035 .06
Legend
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)


Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Rifiglio Reach = Rifiglio RS = 22.95 BR
.06 .035 .06
Legend
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Rifiglio Reach = Rifiglio RS = 22.95 BR
.06 .035 .06
Legend
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Rifiglio Reach = Rifiglio RS = 22.625 RIF-04 RIF-04
.06 .035 .06
Legend
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Rifiglio Reach = Rifiglio RS = 22.458*
.06 .035 .06
Legend
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)


Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Rifiglio Reach = Rifiglio RS = 22.292*
.06
.035
.06
Legend
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Rifiglio Reach = Rifiglio RS = 22.125 RIF-03 RIF-03
.06
.035
.06
Legend
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Rifiglio Reach = Rifiglio RS = 22.1 IS
.06
.035
.06
Legend
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Rifiglio Reach = Rifiglio RS = 22 RIF-02 RIF-02
.06
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Levee
Bank Sta
Elevation (m)
Station (m)


Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Rifiglio Reach = Rifiglio RS = 21.909*
.06
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Rifiglio Reach = Rifiglio RS = 21.818*
.06
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Rifiglio Reach = Rifiglio RS = 21.727*
.06
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Rifiglio Reach = Rifiglio RS = 21.636*
.06
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Levee
Bank Sta
Elevation (m)
Station (m)


Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Rifiglio Reach = Rifiglio RS = 21.545*
.06
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Rifiglio Reach = Rifiglio RS = 21.455*
.06
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Rifiglio Reach = Rifiglio RS = 21.364*
.06
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Rifiglio Reach = Rifiglio RS = 21.273*
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)


Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Rifiglio Reach = Rifiglio RS = 21.182*
.035
.06
0
6
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Rifiglio Reach = Rifiglio RS = 21.091*
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Rifiglio Reach = Rifiglio RS = 21 RIF-01 RIF-01

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "SOLANO_APP"

RIFIGLIO

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 1, 2, 3, 4 e 6 h

Dati idraulici

HEC-RAS River: Rifiglio Reach: Rifiglio Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Rifiglio	25 RIF-12	Max WS	APP_TR30_D1	54.80	412.65	414.81	414.98	415.78	0.017347	4.36		0.63	12.66	9.55	1.19
Rifiglio	25 RIF-12	Max WS	APP_TR30_D2	67.80	412.65	415.01	415.22	416.14	0.017085	4.72	0.32	0.75	14.52	9.81	1.21
Rifiglio	25 RIF-12	Max WS	APP_TR30_D3	67.10	412.65	415.00	415.21	416.12	0.017088	4.71	0.31	0.75	14.43	9.80	1.21
Rifiglio	25 RIF-12	Max WS	APP_TR30_D4	59.90	412.65	414.89	415.08	415.93	0.017191	4.51	0.17	0.68	13.42	9.66	1.20
Rifiglio	25 RIF-12	Max WS	APP_TR30_D6	45.10	412.65	414.66	414.80	415.49	0.017001	4.05		0.51	11.18	9.25	1.16
Rifiglio	24.875*	Max WS	APP_TR30_D1	54.80	412.55	414.65	414.81	415.60	0.016560	4.32	0.30	0.66	12.80	9.77	1.18
Rifiglio	24.875*	Max WS	APP_TR30_D2	67.79	412.55	414.85	415.05	415.96	0.016274	4.68	0.54	0.78	14.73	10.14	1.19
Rifiglio	24.875*	Max WS	APP_TR30_D3	67.10	412.55	414.84	415.04	415.94	0.016281	4.66	0.53	0.77	14.64	10.12	1.19
Rifiglio	24.875*	Max WS	APP_TR30_D4	59.90	412.55	414.73	414.91	415.75	0.016412	4.47	0.41	0.71	13.58	9.92	1.18
Rifiglio	24.875*	Max WS	APP_TR30_D6	45.10	412.55	414.49	414.62	415.32	0.016788	4.02		0.56	11.28	9.47	1.16
Rifiglio	24.750*	Max WS	APP_TR30_D1	54.80	412.45	414.50	414.65	415.42	0.015496	4.26	0.52	0.70	13.08	10.22	1.15
Rifiglio	24.750*	Max WS	APP_TR30_D2	67.79	412.45	414.69	414.88	415.77	0.015196	4.60	0.74	0.81	15.14	10.72	1.17
Rifiglio	24.750*	Max WS	APP_TR30_D3	67.10	412.45	414.68	414.87	415.75	0.015199	4.59	0.73	0.80	15.04	10.70	1.16
Rifiglio	24.750*	Max WS	APP_TR30_D4	59.90	412.45	414.58	414.74	415.56	0.015314	4.39	0.61	0.74	13.92	10.43	1.16
Rifiglio	24.750*	Max WS	APP_TR30_D6	45.10	412.45	414.33	414.45	415.14	0.015862	3.97	0.30	0.60	11.46	9.79	1.14
Rifiglio	24.7			Lat Struct											
Rifiglio	24.625*	Max WS	APP_TR30_D1	54.80	412.35	414.35	414.48	415.22	0.014064	4.15	0.70	0.73	13.62	11.01	1.11
Rifiglio	24.625*	Max WS	APP_TR30_D2	67.78	412.35	414.55	414.71	415.56	0.013748	4.48	0.89	0.83	15.89	11.69	1.12
Rifiglio	24.625*	Max WS	APP_TR30_D3	67.10	412.35	414.54	414.70	415.55	0.013752	4.46	0.88	0.83	15.78	11.66	1.12
Rifiglio	24.625*	Max WS	APP_TR30_D4	59.90	412.35	414.44	414.57	415.36	0.013853	4.28	0.78	0.77	14.55	11.29	1.11
Rifiglio	24.625*	Max WS	APP_TR30_D6	45.10	412.35	414.19	414.28	414.95	0.014441	3.87	0.51	0.63	11.86	10.44	1.10
Rifiglio	24.500 RIF-11	Max WS	APP_TR30_D1	54.80	412.26	414.23	414.31	415.02	0.012170	3.97	0.85	0.75	14.66	12.28	1.04
Rifiglio	24.500 RIF-11	Max WS	APP_TR30_D2	67.78	412.26	414.43	414.53	415.34	0.011884	4.28	1.06	0.85	17.20	12.87	1.05
Rifiglio	24.500 RIF-11	Max WS	APP_TR30_D3	67.09	412.26	414.42	414.52	415.32	0.011886	4.26	1.05	0.85	17.08	12.85	1.05
Rifiglio	24.500 RIF-11	Max WS	APP_TR30_D4	59.89	412.26	414.31	414.40	415.15	0.011971	4.09	0.93	0.79	15.71	12.57	1.05
Rifiglio	24.500 RIF-11	Max WS	APP_TR30_D6	45.10	412.26	414.06	414.12	414.76	0.012528	3.72	0.69	0.67	12.64	11.59	1.04
Rifiglio	24.375*	Max WS	APP_TR30_D1	54.80	412.16	414.12	414.12	414.81	0.010009	3.73	0.99	0.77	16.13	13.26	0.96
Rifiglio	24.375*	Max WS	APP_TR30_D2	67.78	412.16	414.32	414.33	415.11	0.009845	4.02	1.16	0.83	18.92	14.03	0.97
Rifiglio	24.375*	Max WS	APP_TR30_D3	67.09	412.16	414.31	414.33	415.10	0.009846	4.01	1.15	0.83	18.78	13.98	0.97
Rifiglio	24.375*	Max WS	APP_TR30_D4	59.89	412.16	414.21	414.21	414.93	0.009847	3.84	1.06	0.80	17.30	13.57	0.96
Rifiglio	24.375*	Max WS	APP_TR30_D6	45.10	412.16	413.95	413.94	414.56	0.010245	3.49	0.83	0.69	13.91	12.70	0.95
Rifiglio	24.250 RIF-10	Max WS	APP_TR30_D1	54.80	412.06	414.03	413.93	414.60	0.007797	3.44	1.06	0.76	18.21	14.52	0.86
Rifiglio	24.250 RIF-10	Max WS	APP_TR30_D2	67.77	412.06	414.24	414.11	414.91	0.007950	3.76	1.02	0.78	21.34	17.09	0.89
Rifiglio	24.250 RIF-10	Max WS	APP_TR30_D3	67.09	412.06	414.23	414.11	414.90	0.007932	3.74	1.03	0.79	21.17	16.85	0.88
Rifiglio	24.250 RIF-10	Max WS	APP_TR30_D4	59.89	412.06	414.12	414.03	414.72	0.007716	3.54	1.11	0.79	19.51	14.88	0.86
Rifiglio	24.250 RIF-10	Max WS	APP_TR30_D6	45.10	412.06	413.86		414.36	0.007861	3.20	0.93	0.70	15.77	13.81	0.85
Rifiglio	24.125*	Max WS	APP_TR30_D1	54.80	411.96	413.97		414.42	0.005800	3.11	1.04	0.77	21.07	16.10	0.75
Rifiglio	24.125*	Max WS	APP_TR30_D2	67.77	411.96	414.17		414.70	0.005956	3.39	1.15	0.84	24.45	17.22	0.78
Rifiglio	24.125*	Max WS	APP_TR30_D3	67.09	411.96	414.16		414.69	0.005941	3.38	1.14	0.84	24.29	17.16	0.77
Rifiglio	24.125*	Max WS	APP_TR30_D4	59.89	411.96	414.05		414.53	0.005797	3.21	1.08	0.80	22.51	16.57	0.76
Rifiglio	24.125*	Max WS	APP_TR30_D6	45.10	411.96	413.79		414.19	0.005724	2.88	0.94	0.70	18.36	15.37	0.73
Rifiglio	24 RIF-09	Max WS	APP_TR30_D1	54.80	411.86	413.95	413.53	414.28	0.003894	2.71	1.00	0.75	25.26	17.56	0.63
Rifiglio	24 RIF-09	Max WS	APP_TR30_D2	67.77	411.86	414.15	413.73	414.54	0.004142	2.99	1.12	0.83	28.81	18.23	0.66
Rifiglio	24 RIF-09	Max WS	APP_TR30_D3	67.09	411.86	414.14	413.72	414.53	0.004127	2.97	1.12	0.83	28.64	18.20	0.66
Rifiglio	24 RIF-09	Max WS	APP_TR30_D4	59.89	411.86	414.03	413.62	414.39	0.003979	2.82	1.05	0.78	26.73	17.84	0.64
Rifiglio	24 RIF-09	Max WS	APP_TR30_D6	45.10	411.86	413.78	413.38	414.06	0.003716	2.49	0.90	0.67	22.32	16.98	0.60
Rifiglio	23.95			Bridge											
Rifiglio	23.889 RIF-08	Max WS	APP_TR30_D1	54.80	411.48	412.71	413.18	414.22	0.038019	5.53	1.47	1.22	10.85	13.71	1.76
Rifiglio	23.889 RIF-08	Max WS	APP_TR30_D2	67.77	411.48	412.84	413.38	414.59	0.037777	5.98	1.69	1.39	12.69	14.50	1.79
Rifiglio	23.889 RIF-08	Max WS	APP_TR30_D3	67.09	411.48	412.83	413.37	414.57	0.037775	5.96	1.67	1.38	12.60	14.47	1.79
Rifiglio	23.889 RIF-08	Max WS	APP_TR30_D4	59.89	411.48	412.76	413.26	414.37	0.037881	5.71	1.55	1.29	11.59	14.07	1.77
Rifiglio	23.889 RIF-08	Max WS	APP_TR30_D6	45.10	411.48	412.61	413.01	413.92	0.037885	5.13	1.29	1.06	9.45	13.00	1.73
Rifiglio	23.778 RIF-07	Max WS	APP_TR30_D1	54.79	411.10	412.35	412.88	413.85	0.038058	5.48	1.40	1.14	10.66	12.99	1.76
Rifiglio	23.778 RIF-07	Max WS	APP_TR30_D2	67.77	411.10	412.49	413.07	414.22	0.037510	5.91	1.61	1.32	12.44	13.65	1.78
Rifiglio	23.778 RIF-07	Max WS	APP_TR30_D3	67.09	411.10	412.48	413.06	414.20	0.037499	5.89	1.60	1.31	12.35	13.62	1.78
Rifiglio	23.778 RIF-07	Max WS	APP_TR30_D4	59.89	411.10	412.41	412.95	414.00	0.037927	5.66	1.49	1.21	11.36	13.25	1.77
Rifiglio	23.778 RIF-07	Max WS	APP_TR30_D6	45.10	411.10	412.25	412.65	413.55	0.038111	5.08	1.20	0.98	9.32	12.46	1.73
Rifiglio	23.667*	Max WS	APP_TR30_D1	54.80	410.73	412.00	412.49	413.46	0.037511	5.39	1.06	1.06	10.71	13.68	1.74
Rifiglio	23.667*	Max WS	APP_TR30_D2	67.77	410.73	412.14	412.67	413.80	0.035911	5.77	1.19	1.23	12.77	15.53	1.74
Rifiglio	23.667*	Max WS	APP_TR30_D3	67.09	410.73	412.13	412.66	413.78	0.035982	5.75	1.18	1.22	12.66	15.45	1.74
Rifiglio	23.667*	Max WS	APP_TR30_D4	59.89	410.73	412.05	412.56	413.61	0.037138	5.56	1.11	1.13	11.48	14.41	1.75
Rifiglio	23.667*	Max WS	APP_TR30_D6	45.10	410.73	411.89	412.29	413.16	0.038134	5.02	1.05	0.90	9.29	12.33	1.72
Rifiglio	23.556*	Max WS	APP_TR30_D1	54.80	410.35	411.66	412.13	413.03	0.035063	5.22	1.08	0.97	10.89	12.90	1.68
Rifiglio	23.556*	Max WS	APP_TR30_D2	67.77	410.35	411.82	412.32	413.34	0.031694	5.50	1.15	1.14	13.10	14.40	1.64
Rifiglio	23.556*	Max WS	APP_TR30_D3	67.08	410.35	411.81	412.31	413.32	0.031872	5.48	1.15	1.13	12.98	14.32	1.64
Rifiglio	23.556*	Max WS	APP_TR30_D4	59.89	410.35	411.72	412.21	413.16	0.033854	5.35	1.09	1.04	11.72	13.47	1.67
Rifiglio	23.556*	Max WS	APP_TR30_D6	45.10	410.35	411.54	411.91	412.76	0.036985	4.91	0.93	0.80	9.39	12.21	1.69
Rifiglio	23.445*	Max WS	APP_TR30_D1	54.80	409.97	411.36	411.71	412.54	0.028255	4.83	0.99	0.88	11.70	12.95	1.52
Rifiglio	23.445*	Max WS	APP_TR30_D2	67.76	409.97	411.56	411.89	412.80	0.023546	4.96	1.06	1.02	14.42	14.31	1.43
Rifiglio	23.445*	Max WS	APP_TR30_D3	67.08	409.97	411.55	411.88	412.78	0.023739	4.95	1.06	1.02	14.28	14.24	1.43
Rifiglio	23.445*	Max WS	APP_TR30_D4	59.89	409.97	411.44	411.81	412.65	0.026304	4.89	1.01	0.94	12.73	13.46	1.49
Rifiglio	23.445*	Max WS	APP_TR30_D6	45.10	409.97	411.22	411.55	412.31	0.032109	4.65	0.81	0.72	9.87	12.30	1.58
Rifiglio	23.333*	Max WS	APP_TR30_D1	54.80	409.59	411.14	411.34	412.02	0.017933	4.15	0.86	0.79	13.64	13.48	1.23
Rifiglio	23.333*	Max WS	APP_TR30_D2	67.76	409.59	411.38	411.54	412.28	0.014435	4.22	0.94	0.90	17.00	14.81	1.14
Rifiglio	23.333*	Max WS	APP_TR30_D3	67.08	409.59	411.37	411.53	412.26	0.014559	4.22	0.94	0.90	16.83	14.75	1.15
Rifiglio	23.333*	Max WS	APP_TR30_D4	59.89	409.59	411.24	411.42	412.12	0.016423	4.19	0.89	0.84	14.92	14.00	1.20
Rifiglio	23.333*	Max WS	APP_TR30_D6	45.10	409.59	410.96	411.17	411.81	0.021610	4.07	0.72	0.66	11.28	12.71	1.32
Rifiglio	23.222*	Max WS	APP_TR30_D1	54.80	409.22	411.01	410.96	411.59	0.009494	3.38	0.73	0.69	16.90	14.35	0.92
Rifiglio	23.222*	Max WS	APP_TR30_D2	67.76	409.22	411.28	411.16	411.88	0.007944	3.48	0.82	0.78	20.83	15.56	0.87
Rifiglio	23.222*	Max WS	APP_TR30_D3	67.08	409.22	411.26	411.15	411.87	0.007996	3.47	0.81	0.77	20.63	15.50	0.87
Rifiglio	23.222*	Max WS	APP_TR30_D4	59.89	409.22	411.12	411.04	411.71	0.008807	3.42	0.76	0.73	18.43	14.84	0.90
Rifiglio	23.222*	Max WS	APP_TR30_D6	45.10	409.22	410.81	410.80	411.36	0.011156	3.29	0.64	0.60	14.05	13.47	0.97
Rifiglio	23.111 RIF-06	Max WS	APP_TR30_D1	54.80	408.84	410.95		411.32	0.004796	2.72	0.62	0.59	21.30	15.28	0.68
Rifiglio	23.111 RIF-06	Max WS	APP_TR30_D2	67.76	408.84	411.22		411.62	0.004328	2.86	0.70	0.67	25.59	16.33	0.66
Rifiglio	23.111 RIF-06	Max WS	APP_TR30_D3	67.08	408.84	411.21		411.61	0.004344	2.85	0.70	0.66	25.38	16.28	0.66
Rifiglio	23.111 RIF-06	Max WS	APP_TR30_D4	59.88	408.84	411.06		411.44	0.004593	2.77	0.65	0.62	22.99	15.70	0.67
Rifiglio	23.111 RIF-06	Max WS	APP_TR30_D6	45.10	408.84	410.73		411.07	0.005239	2.59	0.55	0.52	18.10	14.45	0.69
Rifiglio	23 RIF-05	Max WS	APP_TR30_D1	54.80	408.46	410.97	410.22	411.20	0.002283	2.14	0.51	0.50	27.49	16.54	0.48
Rifiglio	23 RIF-05	Max WS	APP_TR30_D2	67.76	408.46	411.25	410.41	411.51	0.002231	2.31	0.58	0.56	32.21	17.53	0.49
Rifiglio	23 RIF-05	Max WS	APP_TR30_D3	67.08	408.46	411.23	410.40	411.49	0.002233	2.30	0.58	0.56	31.97	17.48	0.49
Rifiglio	23 RIF-05	Max WS	APP_TR30_D4	59.88	408.46	411.08	410.29	411.32	0.002270	2.21	0.54	0.52	29.32	16.93	0.48
Rifiglio	23 RIF-05	Max WS	APP_TR30_D6	45.10	408.46	410.74	410.06	410.94	0.002324	2.00	0.45	0.44	23.86	15.73	0.48

HEC-RAS River: Rifiglio Reach: Rifiglio Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Rifiglio	22.95			Bridge											
Rifiglio	22.625 RIF-04	Max WS	APP_TR30_D1	54.79	407.99	409.51	409.53	410.10	0.012167	3.40	0.59	0.56	16.35	15.39	1.01
Rifiglio	22.625 RIF-04	Max WS	APP_TR30_D2	67.75	407.99	409.70	409.70	410.35	0.011025	3.59	0.71	0.68	19.37	16.09	0.99
Rifiglio	22.625 RIF-04	Max WS	APP_TR30_D3	67.08	407.99	409.69	409.69	410.34	0.011026	3.58	0.70	0.67	19.24	16.06	0.99
Rifiglio	22.625 RIF-04	Max WS	APP_TR30_D4	59.89	407.99	409.57	409.60	410.20	0.012080	3.51	0.64	0.61	17.35	15.61	1.02
Rifiglio	22.625 RIF-04	Max WS	APP_TR30_D6	45.10	407.99	409.38	409.38	409.89	0.012309	3.16	0.45	0.44	14.39	14.96	1.00
Rifiglio	22.458*	Max WS	APP_TR30_D1	54.79	407.91	409.41		409.87	0.009414	3.03	0.43	0.58	18.33	16.78	0.90
Rifiglio	22.458*	Max WS	APP_TR30_D2	67.75	407.91	409.61		410.12	0.008381	3.18	0.47	0.67	21.84	18.05	0.87
Rifiglio	22.458*	Max WS	APP_TR30_D3	67.08	407.91	409.60		410.11	0.008379	3.17	0.46	0.67	21.70	17.98	0.87
Rifiglio	22.458*	Max WS	APP_TR30_D4	59.88	407.91	409.47		409.97	0.009366	3.13	0.44	0.62	19.43	17.14	0.90
Rifiglio	22.458*	Max WS	APP_TR30_D6	45.10	407.91	409.28		409.68	0.009482	2.81	0.39	0.48	16.19	16.39	0.88
Rifiglio	22.4			Lat Struct											
Rifiglio	22.292*	Max WS	APP_TR30_D1	54.79	407.84	409.33		409.69	0.006796	2.65	0.40	0.58	21.08	18.61	0.77
Rifiglio	22.292*	Max WS	APP_TR30_D2	67.75	407.84	409.54		409.93	0.006053	2.78	0.41	0.67	25.05	19.34	0.75
Rifiglio	22.292*	Max WS	APP_TR30_D3	67.08	407.84	409.53		409.92	0.006043	2.77	0.41	0.66	24.90	19.28	0.74
Rifiglio	22.292*	Max WS	APP_TR30_D4	59.88	407.84	409.40		409.78	0.006812	2.75	0.42	0.62	22.29	18.77	0.78
Rifiglio	22.292*	Max WS	APP_TR30_D6	45.09	407.84	409.20		409.51	0.006748	2.45	0.35	0.50	18.69	18.28	0.75
Rifiglio	22.125 RIF-03	Max WS	APP_TR30_D1	54.80	407.76	409.29	408.96	409.55	0.004560	2.27	0.35	0.58	24.92	20.99	0.64
Rifiglio	22.125 RIF-03	Max WS	APP_TR30_D2	67.75	407.76	409.49	409.11	409.76	0.003976	2.34	0.38	0.61	32.38	28.06	0.61
Rifiglio	22.125 RIF-03	Max WS	APP_TR30_D3	67.08	407.76	409.49	409.10	409.75	0.003969	2.33	0.37	0.60	32.17	28.05	0.61
Rifiglio	22.125 RIF-03	Max WS	APP_TR30_D4	59.88	407.76	409.35	409.02	409.63	0.004676	2.37	0.37	0.62	26.17	21.19	0.65
Rifiglio	22.125 RIF-03	Max WS	APP_TR30_D6	42.72	407.76	409.18	408.81	409.37	0.003714	1.93	0.29	0.48	22.69	20.67	0.57
Rifiglio	22.1			Inl Struct											
Rifiglio	22 RIF-02	Max WS	APP_TR30_D1	54.72	407.21	408.47		408.89	0.009041	2.89	0.56	0.47	19.25	18.51	0.87
Rifiglio	22 RIF-02	Max WS	APP_TR30_D2	67.71	407.21	409.08		409.34	0.003181	2.29	0.63	0.51	31.13	20.39	0.55
Rifiglio	22 RIF-02	Max WS	APP_TR30_D3	66.98	407.21	409.22		409.43	0.002408	2.09	0.59	0.49	33.92	20.78	0.49
Rifiglio	22 RIF-02	Max WS	APP_TR30_D4	59.87	407.21	409.09		409.29	0.002461	2.02	0.56	0.45	31.24	20.41	0.49
Rifiglio	22 RIF-02	Max WS	APP_TR30_D6	45.07	407.21	408.51		408.77	0.005521	2.31	0.47	0.39	19.91	18.58	0.68
Rifiglio	21.909*	Max WS	APP_TR30_D1	54.71	407.05	408.45		408.79	0.007088	2.59	0.32	0.38	21.29	19.68	0.77
Rifiglio	21.909*	Max WS	APP_TR30_D2	67.71	407.05	409.12		409.32	0.002285	2.00	0.49	0.44	35.32	21.97	0.47
Rifiglio	21.909*	Max WS	APP_TR30_D3	66.77	407.05	409.25		409.42	0.001738	1.83	0.47	0.42	38.32	22.35	0.42
Rifiglio	21.909*	Max WS	APP_TR30_D4	59.85	407.05	409.12		409.27	0.001781	1.76	0.44	0.39	35.34	21.97	0.42
Rifiglio	21.909*	Max WS	APP_TR30_D6	45.07	407.05	408.52		408.72	0.003937	2.01	0.28	0.32	22.69	20.03	0.58
Rifiglio	21.818*	Max WS	APP_TR30_D1	54.70	406.90	408.43		408.70	0.005354	2.30	0.10	0.31	23.88	20.76	0.67
Rifiglio	21.818*	Max WS	APP_TR30_D2	67.70	406.90	409.15		409.30	0.001658	1.75	0.38	0.38	39.92	23.53	0.41
Rifiglio	21.818*	Max WS	APP_TR30_D3	66.76	406.90	409.28		409.41	0.001286	1.61	0.37	0.36	43.02	23.92	0.36
Rifiglio	21.818*	Max WS	APP_TR30_D4	59.83	406.90	409.14		409.27	0.001307	1.55	0.34	0.34	39.80	23.52	0.36
Rifiglio	21.818*	Max WS	APP_TR30_D6	45.07	406.90	408.54		408.69	0.002691	1.73	0.15	0.26	26.22	21.33	0.49
Rifiglio	21.727*	Max WS	APP_TR30_D1	54.74	406.75	408.45		408.65	0.003665	1.99		0.26	27.57	22.19	0.56
Rifiglio	21.727*	Max WS	APP_TR30_D2	67.70	406.75	409.17		409.30	0.001224	1.55	0.29	0.33	44.85	25.07	0.35
Rifiglio	21.727*	Max WS	APP_TR30_D3	66.71	406.75	409.30		409.40	0.000965	1.43	0.29	0.32	48.02	25.46	0.32
Rifiglio	21.727*	Max WS	APP_TR30_D4	59.81	406.75	409.16		409.26	0.000972	1.38	0.26	0.29	44.59	25.04	0.31
Rifiglio	21.727*	Max WS	APP_TR30_D6	45.01	406.75	408.57		408.68	0.001845	1.49	0.03	0.22	30.26	22.62	0.41
Rifiglio	21.636*	Max WS	APP_TR30_D1	54.74	406.59	408.48		408.63	0.002419	1.71		0.21	32.02	23.62	0.47
Rifiglio	21.636*	Max WS	APP_TR30_D2	67.64	406.59	409.19		409.29	0.000916	1.38	0.21	0.29	50.12	26.60	0.31
Rifiglio	21.636*	Max WS	APP_TR30_D3	66.68	406.59	409.32		409.40	0.000735	1.28	0.22	0.20	53.49	28.92	0.28
Rifiglio	21.636*	Max WS	APP_TR30_D4	59.79	406.59	409.18		409.26	0.000733	1.23	0.19	0.25	49.73	26.56	0.27
Rifiglio	21.636*	Max WS	APP_TR30_D6	44.99	406.59	408.59		408.68	0.001283	1.30		0.18	34.66	24.15	0.34
Rifiglio	21.545*	Max WS	APP_TR30_D1	54.64	406.44	408.50		408.62	0.001617	1.48		0.18	36.89	24.92	0.39
Rifiglio	21.545*	Max WS	APP_TR30_D2	67.61	406.44	409.21		409.29	0.000696	1.24	0.15	0.25	55.72	28.12	0.27
Rifiglio	21.545*	Max WS	APP_TR30_D3	66.65	406.44	409.33		409.40	0.000564	1.15	0.16	0.20	59.18	29.73	0.24
Rifiglio	21.545*	Max WS	APP_TR30_D4	59.78	406.44	409.19		409.25	0.000560	1.10	0.13	0.22	55.20	28.06	0.24
Rifiglio	21.545*	Max WS	APP_TR30_D6	44.97	406.44	408.60		408.67	0.000901	1.14		0.15	39.41	25.54	0.29
Rifiglio	21.455*	Max WS	APP_TR30_D1	54.61	406.28	408.53		408.61	0.001113	1.30		0.14	42.10	26.19	0.32
Rifiglio	21.455*	Max WS	APP_TR30_D2	67.58	406.28	409.22		409.29	0.000536	1.11	0.08	0.22	61.66	29.62	0.24
Rifiglio	21.455*	Max WS	APP_TR30_D3	66.62	406.28	409.34		409.40	0.000438	1.04	0.11	0.18	65.24	30.82	0.22
Rifiglio	21.455*	Max WS	APP_TR30_D4	59.76	406.28	409.20		409.25	0.000432	0.99	0.07	0.19	61.04	29.56	0.21
Rifiglio	21.455*	Max WS	APP_TR30_D6	44.95	406.28	408.62		408.67	0.000640	1.01		0.13	44.51	26.76	0.25
Rifiglio	21.364*	Max WS	APP_TR30_D1	54.59	406.13	408.54		408.61	0.000783	1.15		0.12	47.65	27.40	0.28
Rifiglio	21.364*	Max WS	APP_TR30_D2	67.54	406.13	409.23		409.28	0.000417	1.01	0.02	0.19	67.98	30.94	0.21
Rifiglio	21.364*	Max WS	APP_TR30_D3	66.58	406.13	409.35		409.40	0.000344	0.94	0.06	0.17	71.65	32.02	0.19
Rifiglio	21.364*	Max WS	APP_TR30_D4	59.75	406.13	409.21		409.25	0.000337	0.90	0.01	0.17	67.25	30.73	0.19
Rifiglio	21.364*	Max WS	APP_TR30_D6	44.93	406.13	408.63		408.67	0.000461	0.90		0.11	49.99	27.93	0.21
Rifiglio	21.273*	Max WS	APP_TR30_D1	54.57	405.97	408.55		408.61	0.000563	1.02		0.10	53.57	28.63	0.24
Rifiglio	21.273*	Max WS	APP_TR30_D2	67.51	405.97	409.24		409.28	0.000326	0.91		0.17	74.66	32.37	0.19
Rifiglio	21.273*	Max WS	APP_TR30_D3	66.55	405.97	409.36		409.39	0.000273	0.86		0.16	78.44	33.02	0.17
Rifiglio	21.273*	Max WS	APP_TR30_D4	59.73	405.97	409.22		409.25	0.000264	0.82		0.15	73.85	32.23	0.17
Rifiglio	21.273*	Max WS	APP_TR30_D6	44.91	405.97	408.63		408.67	0.000337	0.81		0.09	55.87	29.09	0.18
Rifiglio	21.182*	Max WS	APP_TR30_D1	54.55	405.82	408.56		408.60	0.000412	0.91		0.08	59.88	29.85	0.20
Rifiglio	21.182*	Max WS	APP_TR30_D2	67.48	405.82	409.25		409.28	0.000257	0.83		0.15	81.72	33.83	0.17
Rifiglio	21.182*	Max WS	APP_TR30_D3	66.54	405.82	409.36		409.39	0.000216	0.79		0.14	85.63	34.32	0.15
Rifiglio	21.182*	Max WS	APP_TR30_D4	59.71	405.82	409.22		409.25	0.000208	0.75		0.13	80.83	33.72	0.15
Rifiglio	21.182*	Max WS	APP_TR30_D6	44.88	405.82	408.64		408.66	0.000249	0.72		0.08	62.15	30.26	0.16
Rifiglio	21.091*	Max WS	APP_TR30_D1	54.53	405.67	408.57		408.60	0.000306	0.82		0.07	66.56	31.06	0.18
Rifiglio	21.091*	Max WS	APP_TR30_D2	67.38	405.67	409.25		409.28	0.000203	0.76		0.13	89.12	35.14	0.15
Rifiglio	21.091*	Max WS	APP_TR30_D3	66.38	405.67	409.37		409.39	0.000172	0.72		0.13	93.18	35.66	0.14
Rifiglio	21.091*	Max WS	APP_TR30_D4	59.69	405.67	409.22		409.25	0.000164	0.68		0.12	88.16	34.96	0.13
Rifiglio	21.091*	Max WS	APP_TR30_D6	44.86	405.67	408.64		408.66	0.000187	0.65		0.06	68.84	31.45	0.14
Rifiglio	21 RIF-01	Max WS	APP_TR30_D1	54.48	405.51	408.58		408.60	0.000230	0.74		0.06	73.67	32.26	0.16
Rifiglio	21 RIF-01	Max WS	APP_TR30_D2	67.20	405.51	409.26		409.28	0.000159	0.70		0.12	96.97	36.18	0.13
Rifiglio	21 RIF-01	Max WS	APP_TR30_D3	66.19	405.51	409.37		409.39	0.000137	0.66		0.12	101.13	36.88	0.12
Rifiglio	21 RIF-01	Max WS	APP_TR30_D4	59.51	405.51	409.23		409.25	0.000129	0.62		0.10	95.90	36.00	0.12
Rifiglio	21 RIF-01	Max WS	APP_TR30_D6	44.88	405.51	408.65		408.66	0.000142	0.59		0.05	75.96	32.63	0.12

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "SOLANO_APP"

SOLANO

MODELLAZIONE PER TR=30 e 200 ANNI

DURATA DI PIOGGIA: 1, 2, 3, 4 e 6 h

Profilo longitudinale

Sezioni Trasversali

Dati idraulici

ALLEGATI

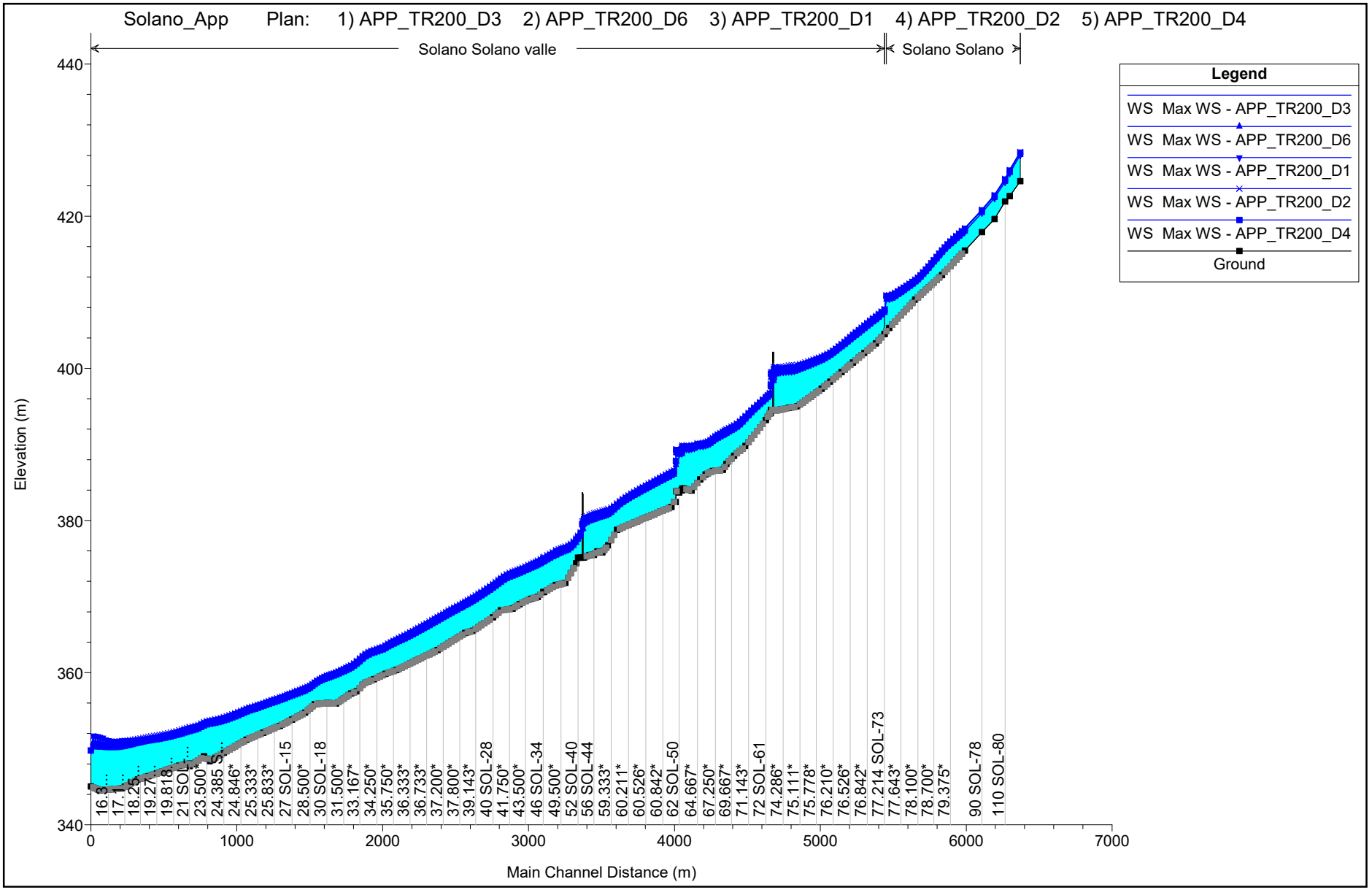
MODELLAZIONE HEC-RAS 5.0.7 "SOLANO_APP"

SOLANO

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 1, 2, 3, 4 e 6 h

Profilo longitudinale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Solano Solano valle
Solano Solano
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D6
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
Ground
Elevation (m)
Main Channel Distance (m)
440
420
400
380
360
340
0
1000
2000
3000
4000
5000
6000
7000
27 SOL-15
30 SOL-18
40 SOL-28
46 SOL-34
52 SOL-40
56 SOL-44
62 SOL-50
72 SOL-61
77.214 SOL-73
90 SOL-78
110 SOL-80

ALLEGATI

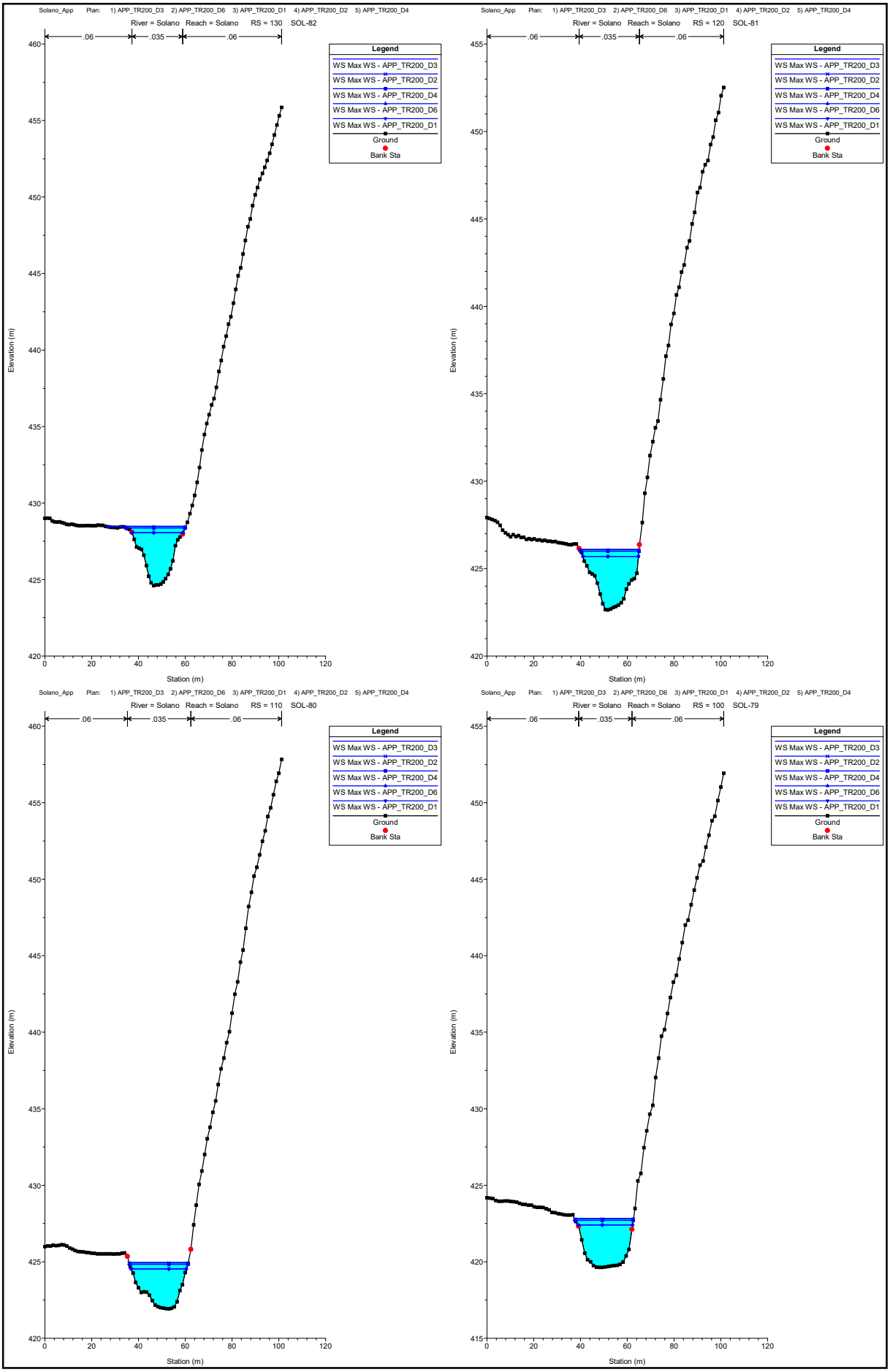
MODELLAZIONE HEC-RAS 5.0.7 "SOLANO_APP"

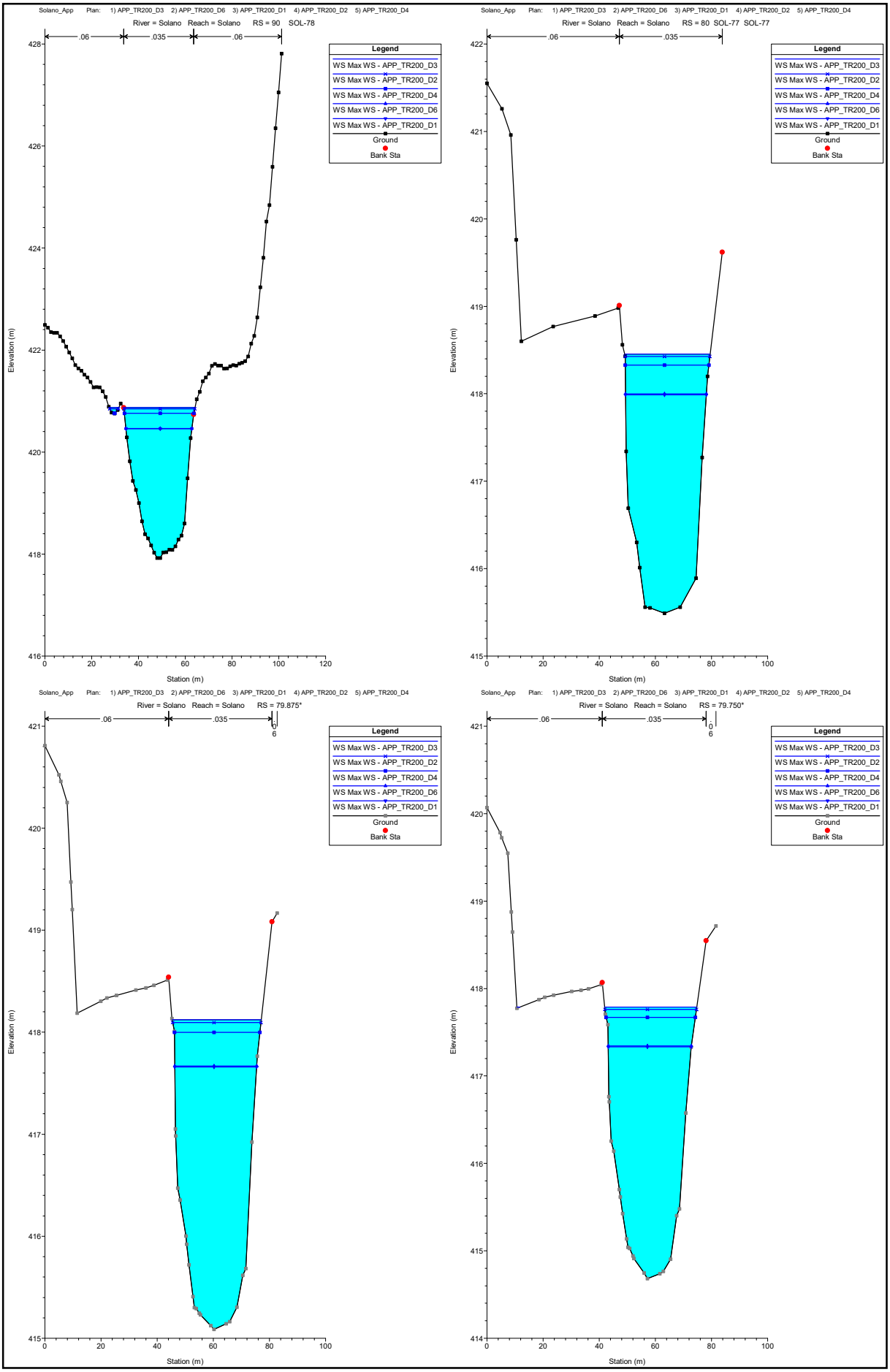
SOLANO

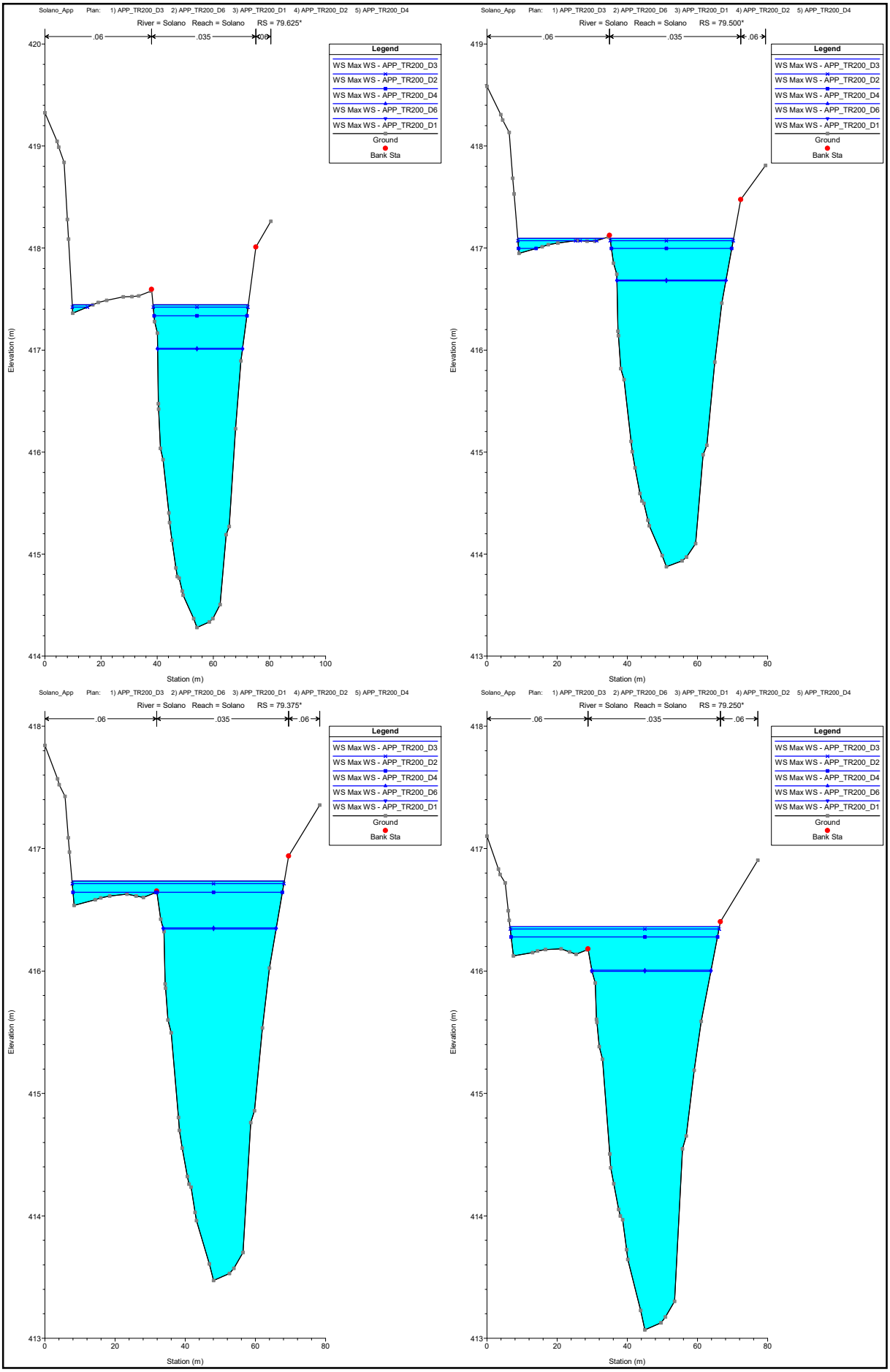
MODELLAZIONE PER TR= 200 anni

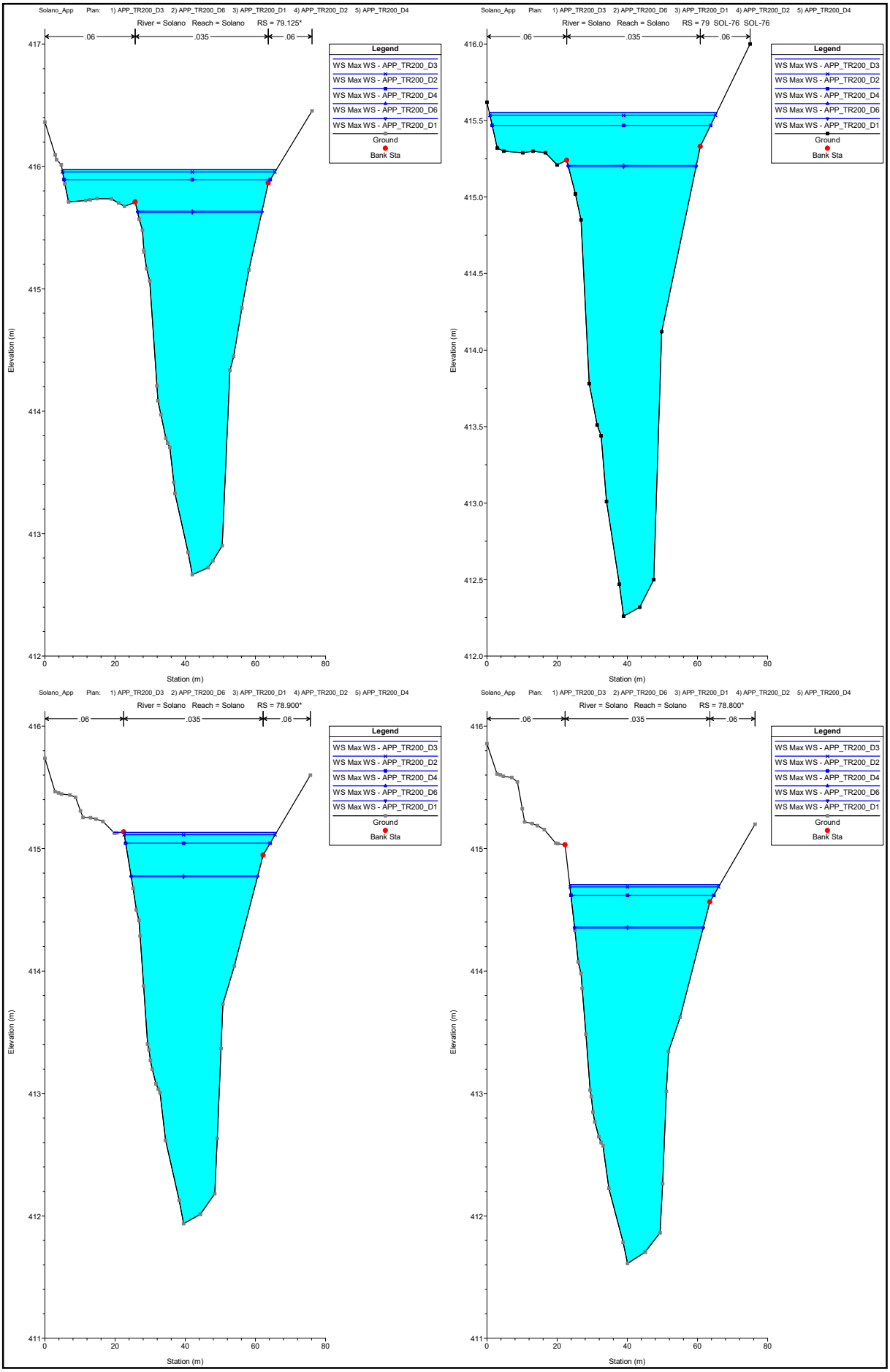
DURATE DI PIOGGIA: 1, 2, 3, 4 e 6 h

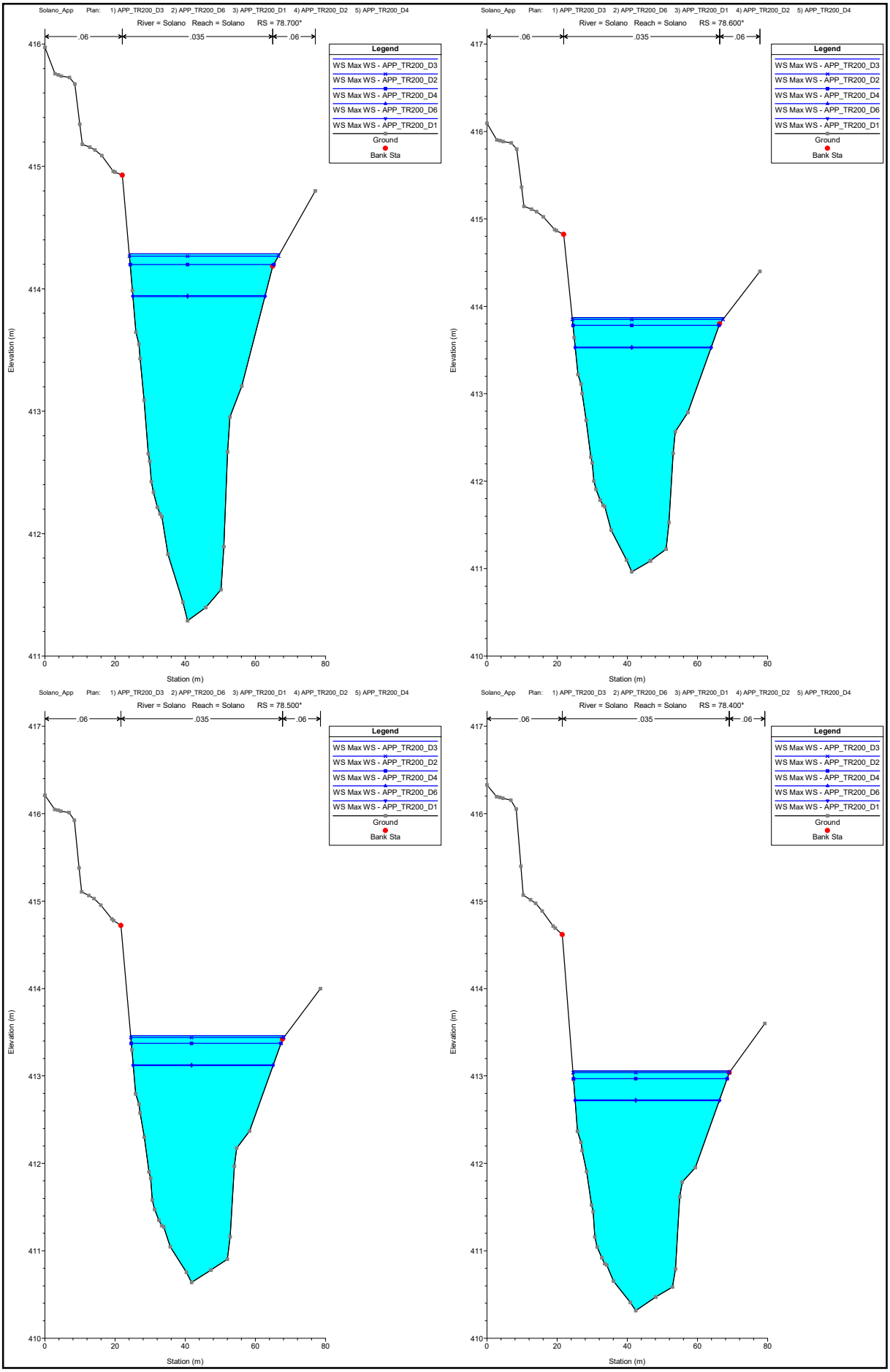
Sezioni Trasversali (da monte verso valle)

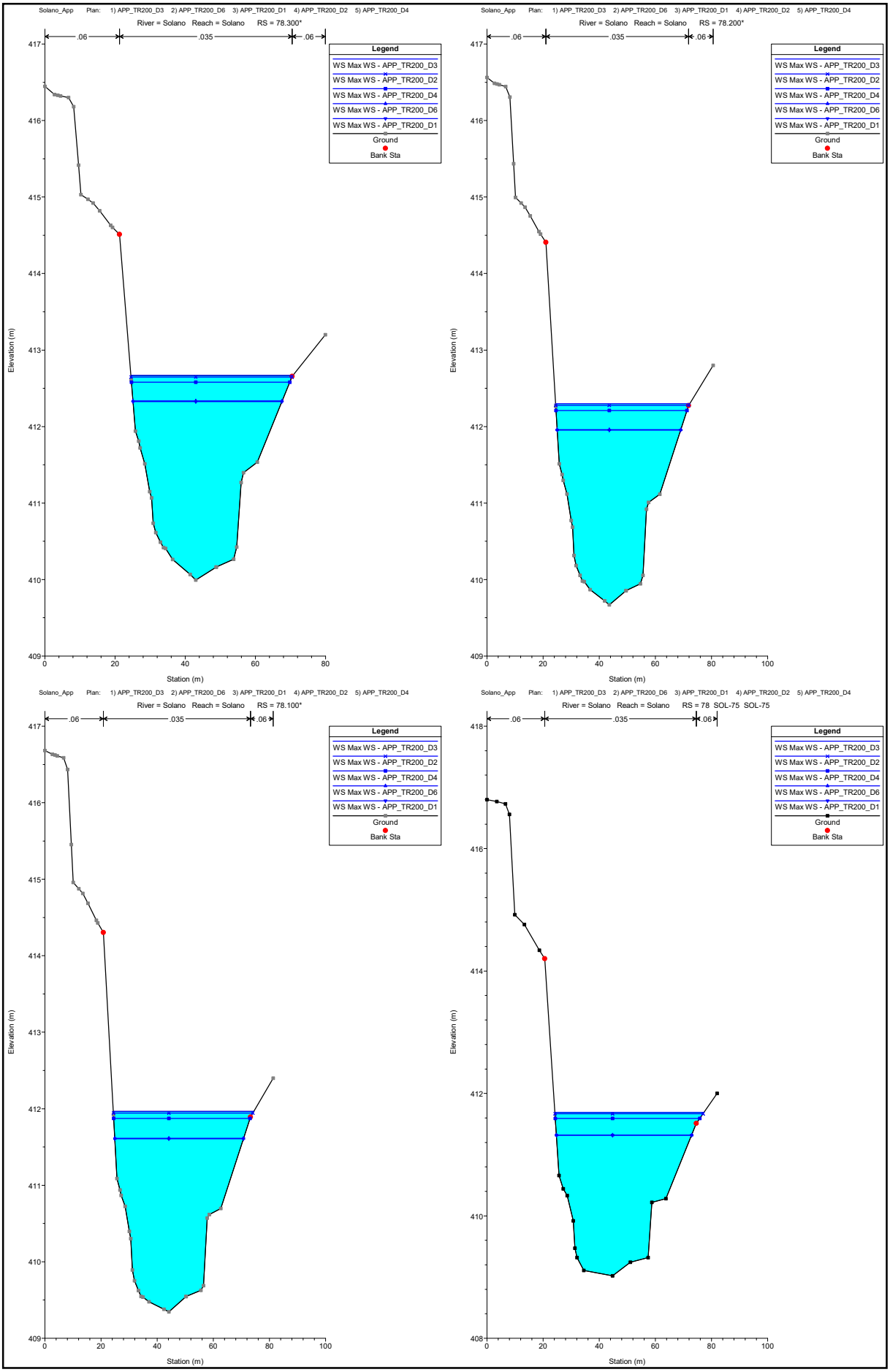

Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano RS = 130 SOL-82
.06 .035 .06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D6
WS Max WS - APP_TR200_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano RS = 120 SOL-81
.06 .035 .06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D6
WS Max WS - APP_TR200_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano RS = 110 SOL-80
.06 .035 .06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D6
WS Max WS - APP_TR200_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano RS = 100 SOL-79
.06 .035 .06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D6
WS Max WS - APP_TR200_D1
Ground
Bank Sta
Elevation (m)
Station (m)

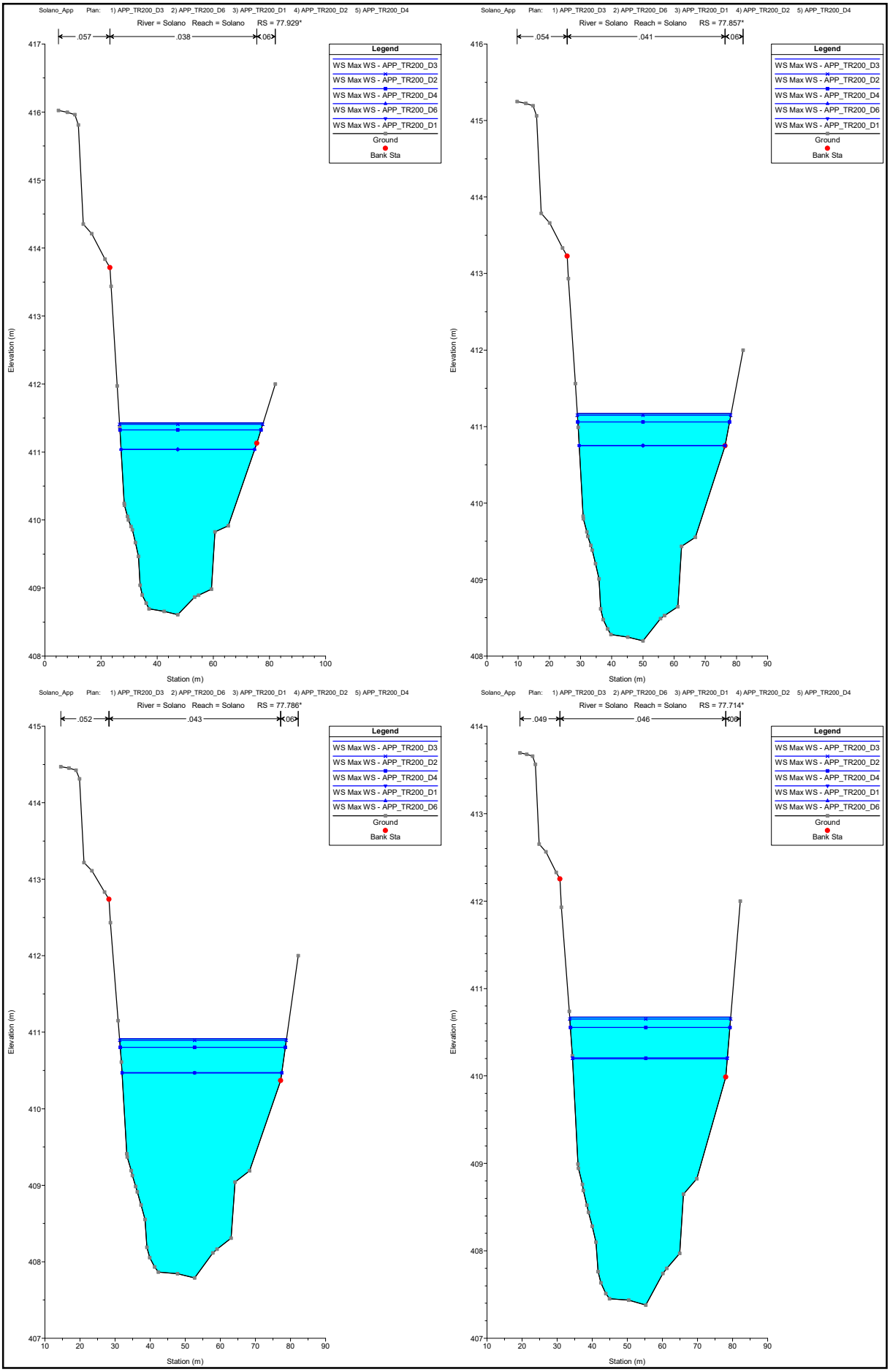

Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano RS = 90 SOL-78
.06
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D6
WS Max WS - APP_TR200_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano RS = 80 SOL-77 SOL-77
.06
.035
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D6
WS Max WS - APP_TR200_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano RS = 79.875*
.06
.035
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D6
WS Max WS - APP_TR200_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano RS = 79.750*
.06
.035
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D6
WS Max WS - APP_TR200_D1
Ground
Bank Sta
Elevation (m)
Station (m)

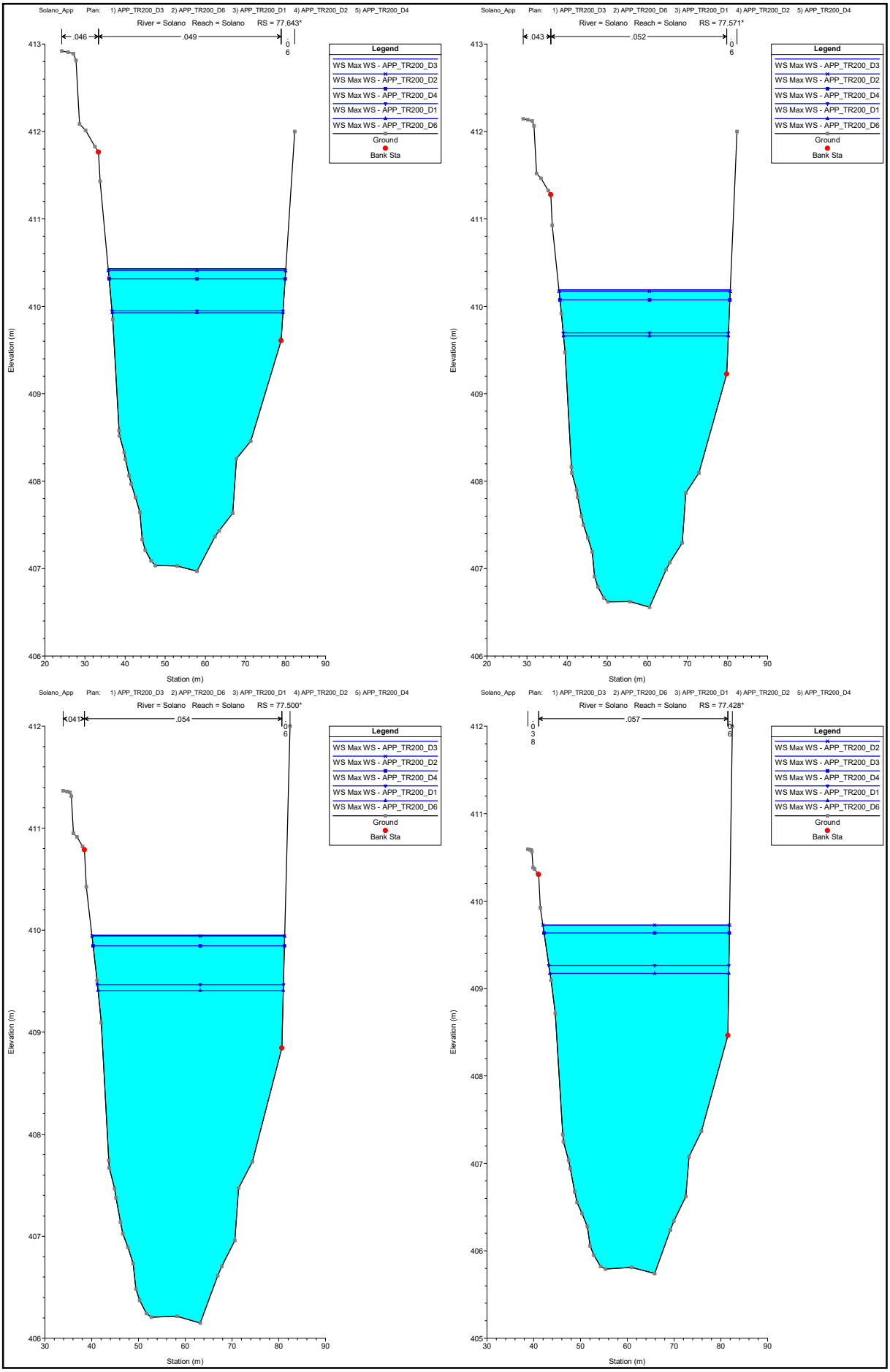

Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano RS = 79.625*
.06
.035
.09
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D6
WS Max WS - APP_TR200_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano RS = 79.500*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D6
WS Max WS - APP_TR200_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano RS = 79.375*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D6
WS Max WS - APP_TR200_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano RS = 79.250*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D6
WS Max WS - APP_TR200_D1
Ground
Bank Sta
Elevation (m)
Station (m)

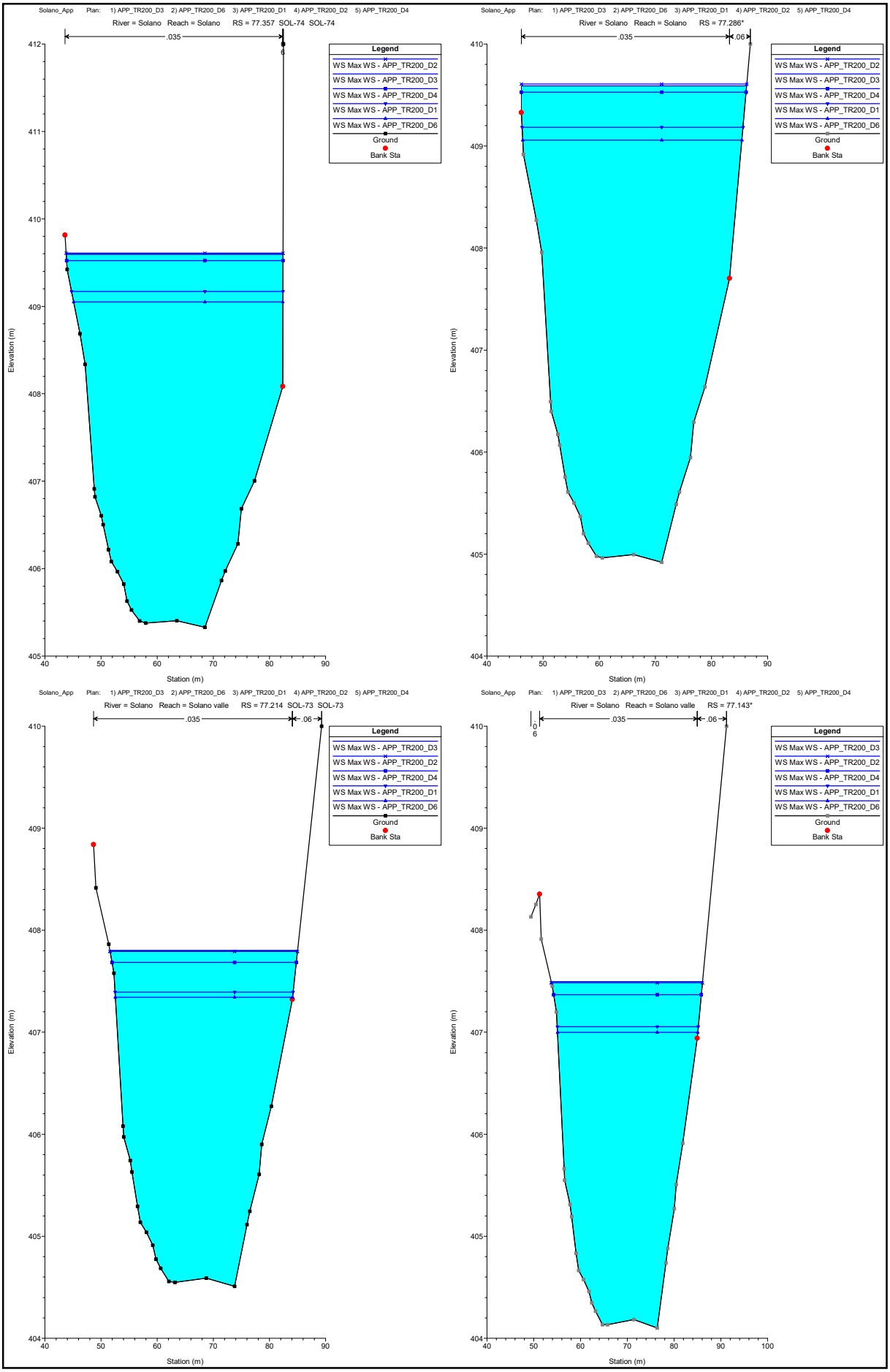

Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano RS = 79.125*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D6
WS Max WS - APP_TR200_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano RS = 79 SOL-76 SOL-76
.06
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D6
WS Max WS - APP_TR200_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano RS = 78.900*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D6
WS Max WS - APP_TR200_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano RS = 78.800*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D6
WS Max WS - APP_TR200_D1
Ground
Bank Sta
Elevation (m)
Station (m)


Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano RS = 78.700*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D6
WS Max WS - APP_TR200_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano RS = 78.600*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D6
WS Max WS - APP_TR200_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano RS = 78.500*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D6
WS Max WS - APP_TR200_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano RS = 78.400*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D6
WS Max WS - APP_TR200_D1
Ground
Bank Sta
Elevation (m)
Station (m)


Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano RS = 78.300*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D6
WS Max WS - APP_TR200_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano RS = 78.200*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D6
WS Max WS - APP_TR200_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano RS = 78.100*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D6
WS Max WS - APP_TR200_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano RS = 78 SOL-75 SOL-75
.06
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D6
WS Max WS - APP_TR200_D1
Ground
Bank Sta
Elevation (m)
Station (m)


Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano RS = 77.929*
.057
.038
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D6
WS Max WS - APP_TR200_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano RS = 77.857*
.054
.041
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D6
WS Max WS - APP_TR200_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano RS = 77.786*
.052
.043
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano RS = 77.714*
.049
.046
.09
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)


Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano RS = 77.643*
.046
.049
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano RS = 77.571*
.043
.052
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano RS = 77.500*
.041
.054
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano RS = 77.428*
.038
.057
.06
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)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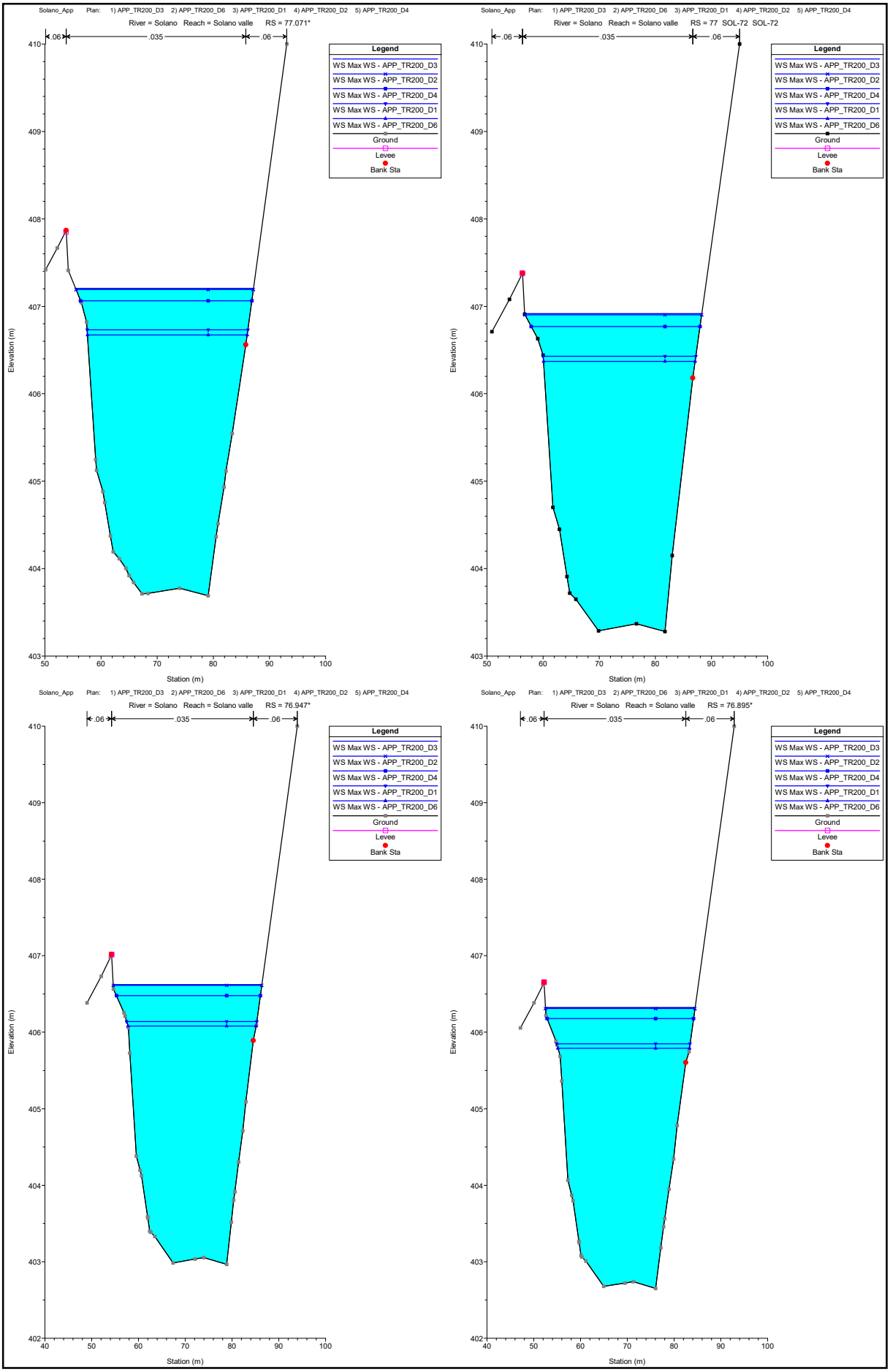
River = Solano Reach = Solano RS = 77.357 SOL-74 SOL-74
.035
6
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano RS = 77.286*
.035
.06
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 77.214 SOL-73 SOL-73
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 77.143*
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)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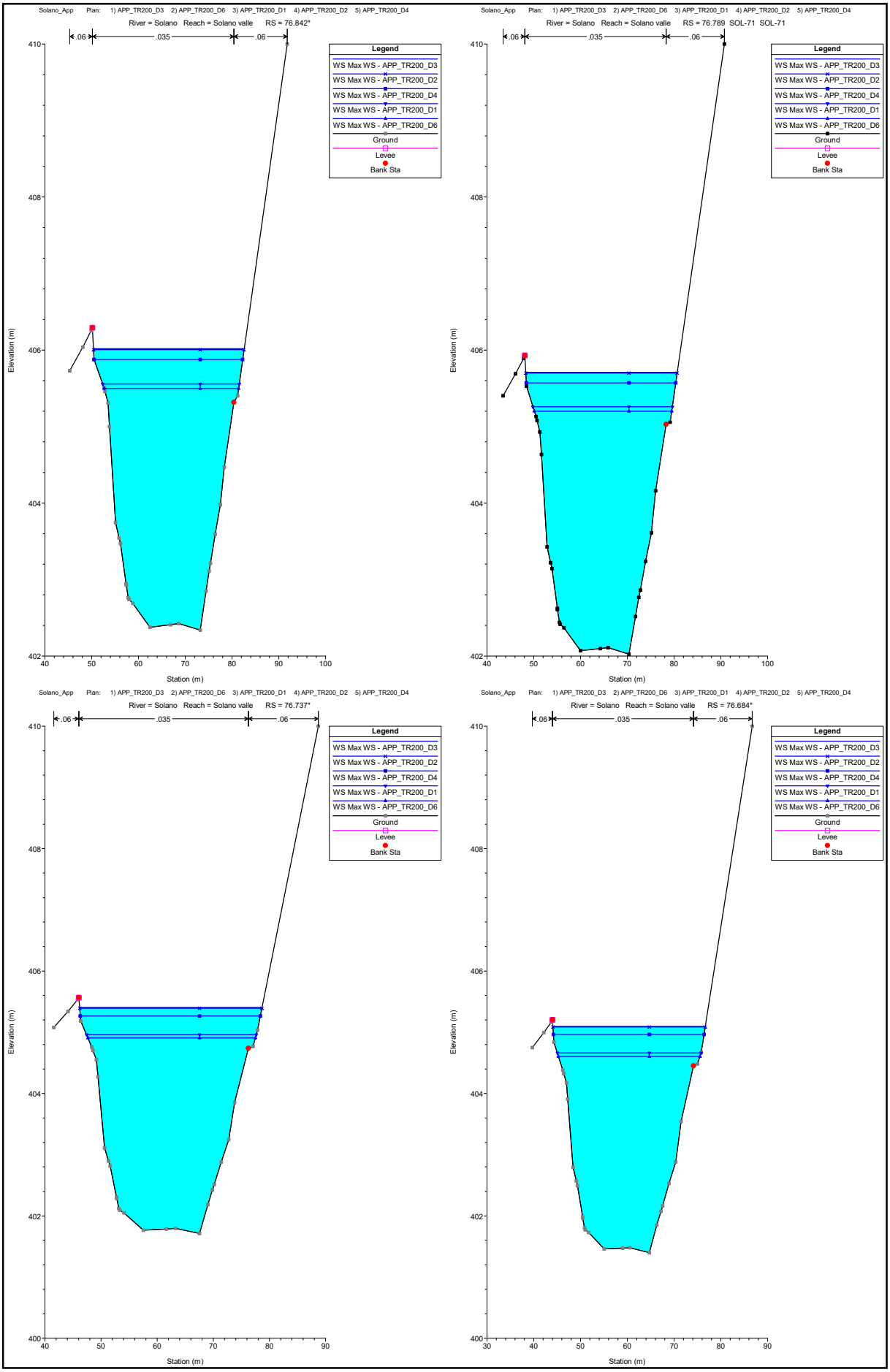
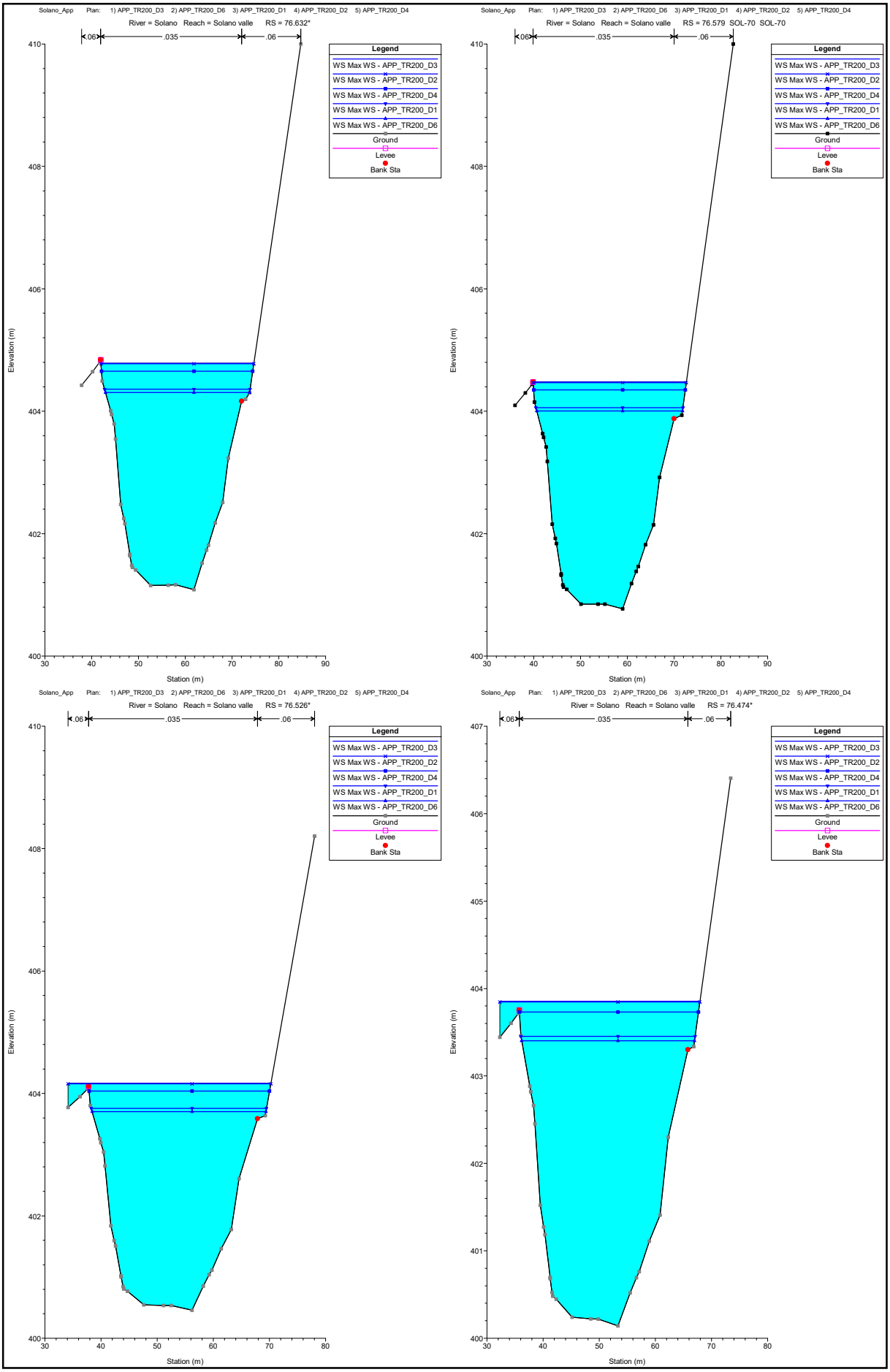
River = Solano Reach = Solano valle RS = 77.071*
.06 .035 .06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 77 SOL-72 SOL-72
.06 .035 .06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 76.947*
.06 .035 .06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 76.895*
.06 .035 .06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)


Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 76.842*
.06 .035 .06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 76.789 SOL-71 SOL-71
.06 .035 .06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 76.737*
.06 .035 .06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 76.684*
.06 .035 .06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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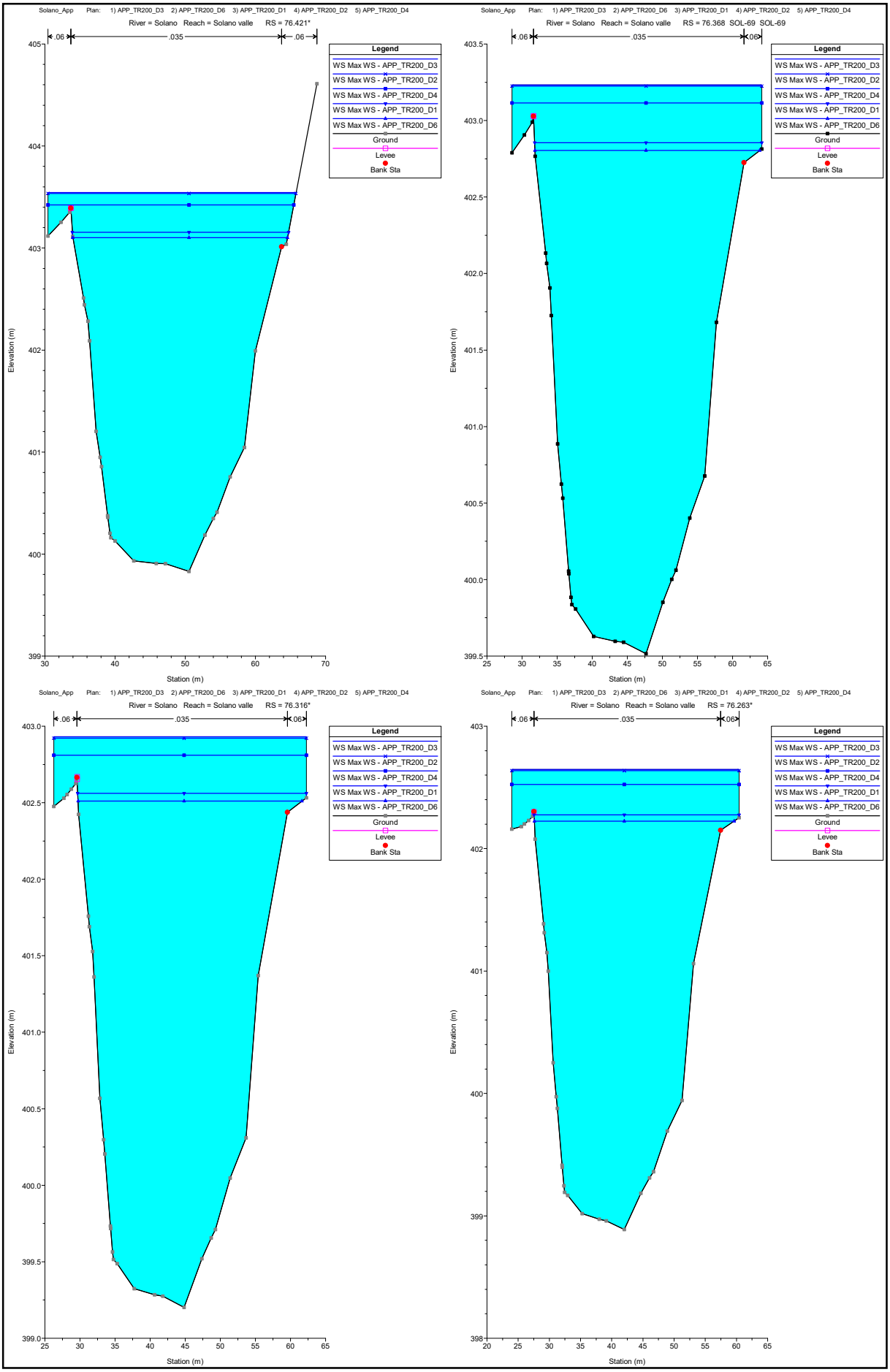
River = Solano Reach = Solano valle RS = 76.632*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 76.579 SOL-70 SOL-70
.06
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 76.526*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 76.474*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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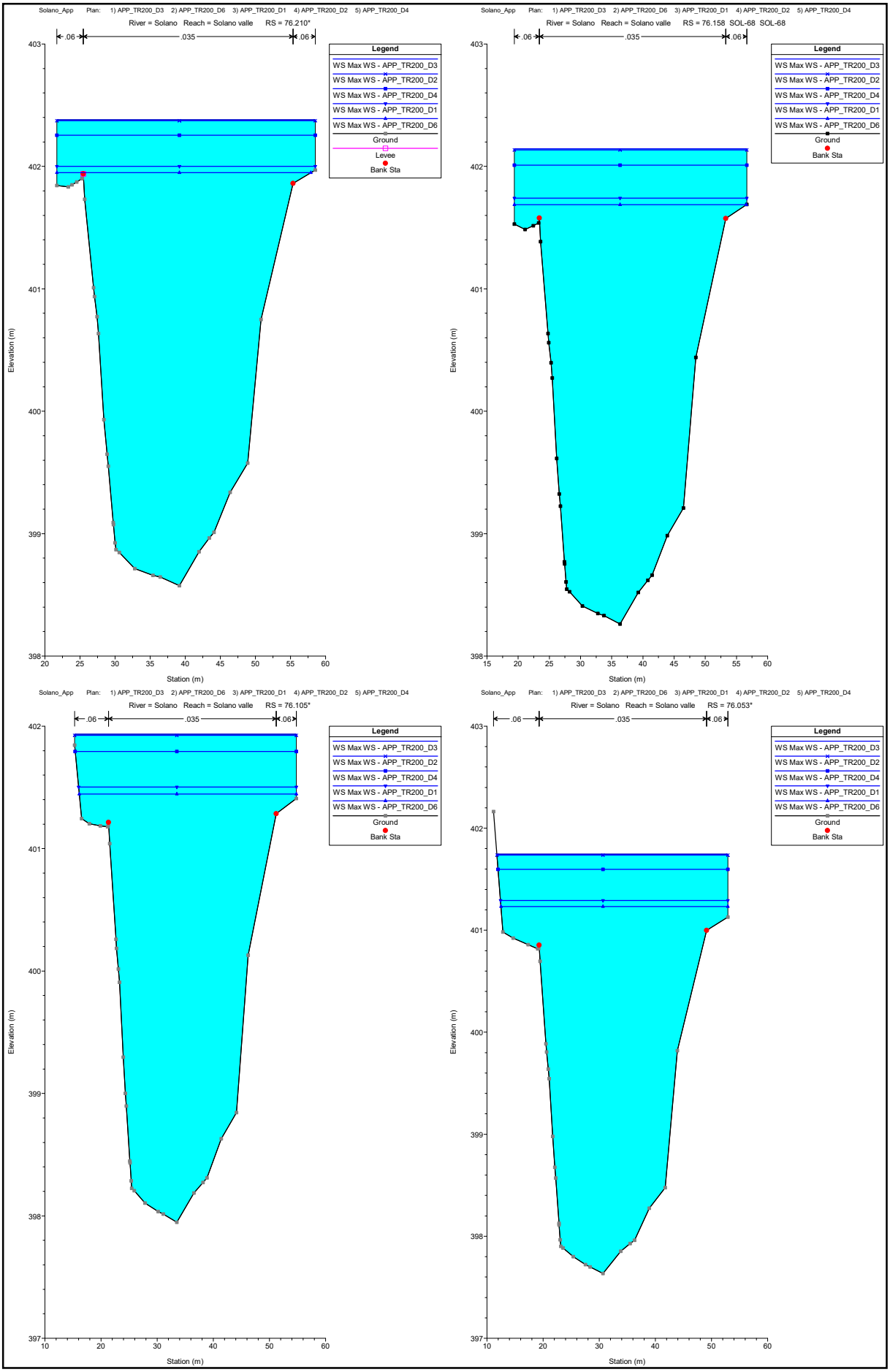
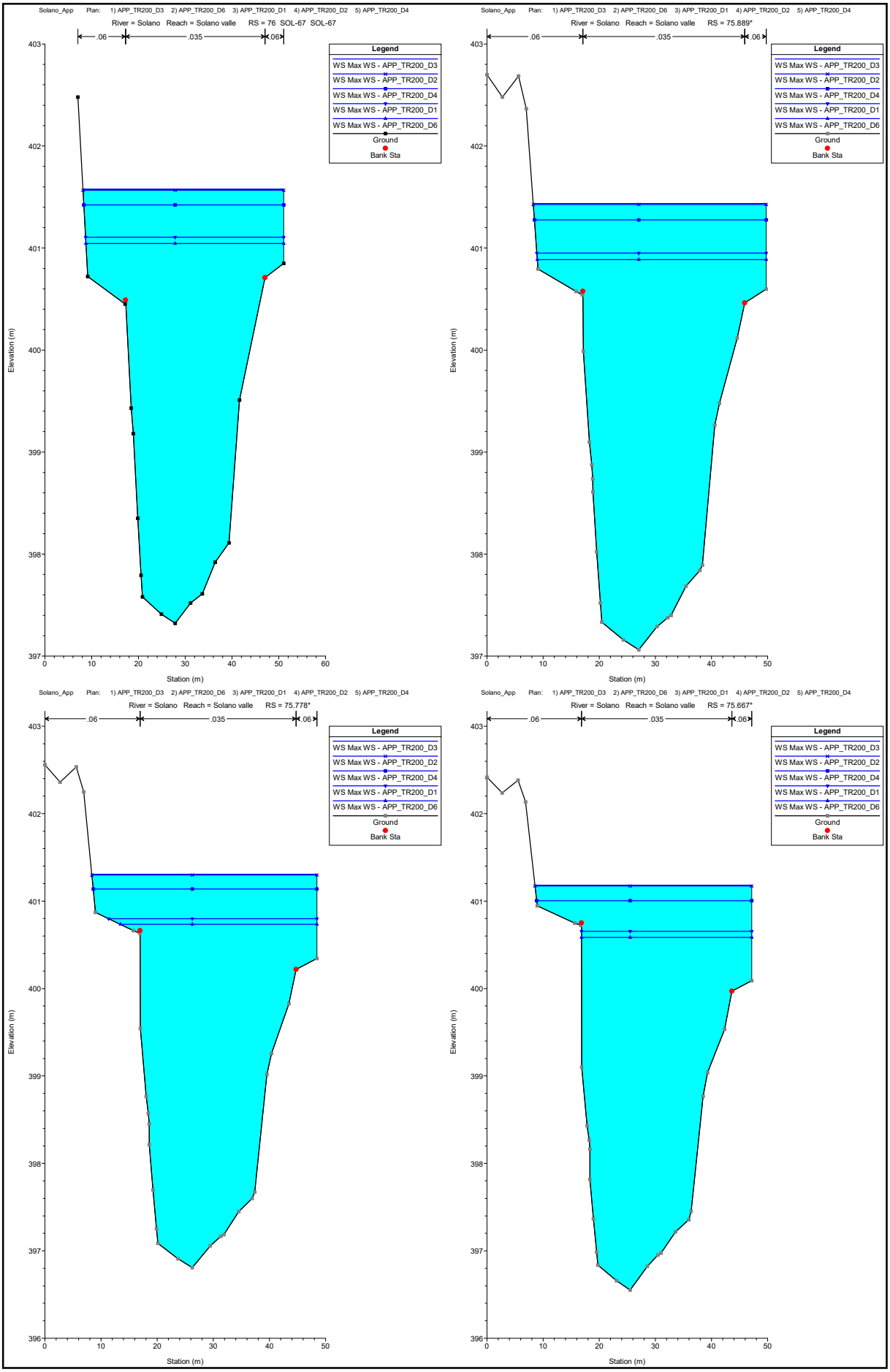
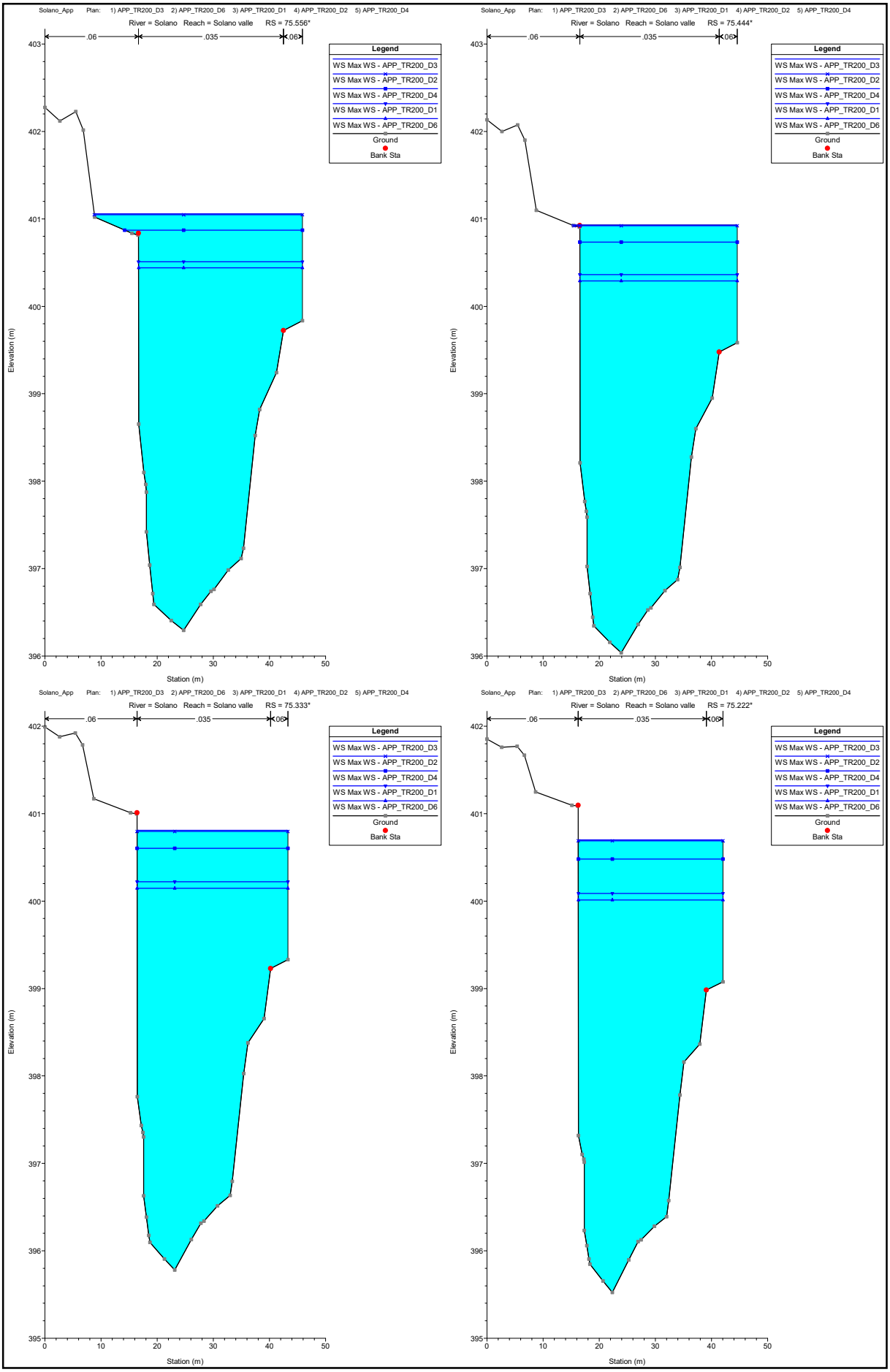
River = Solano Reach = Solano valle RS = 76.421*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 76.368 SOL-69 SOL-69
.06
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 76.316*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 76.263*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)


Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 76.210*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 76.158 SOL-68 SOL-68
.06
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 76.105*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 76.053*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)


Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 76 SOL-67 SOL-67
.06
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 75.889*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 75.778*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 75.667*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)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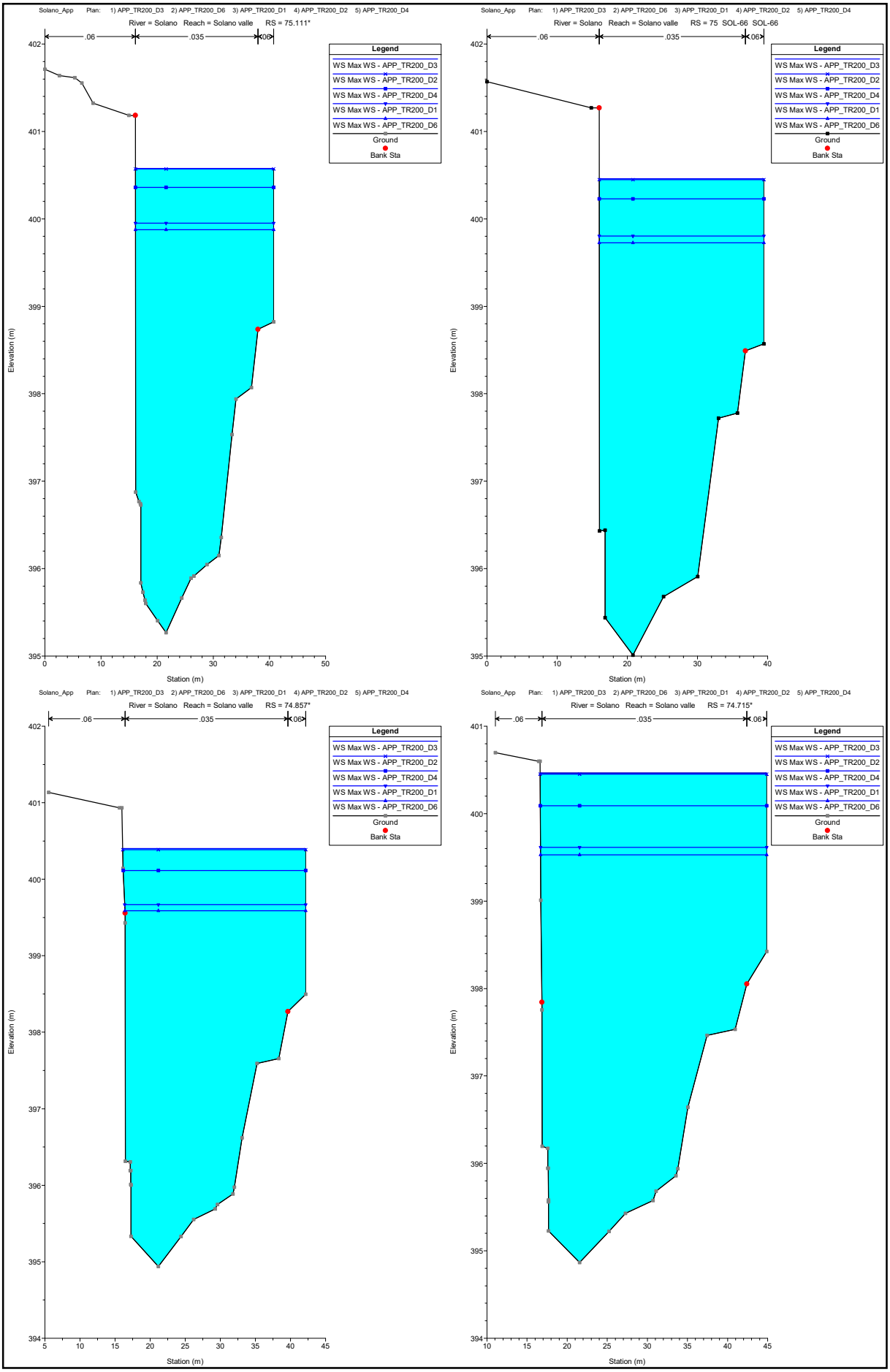
River = Solano Reach = Solano valle RS = 75.556*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 75.444*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 75.333*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 75.222*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)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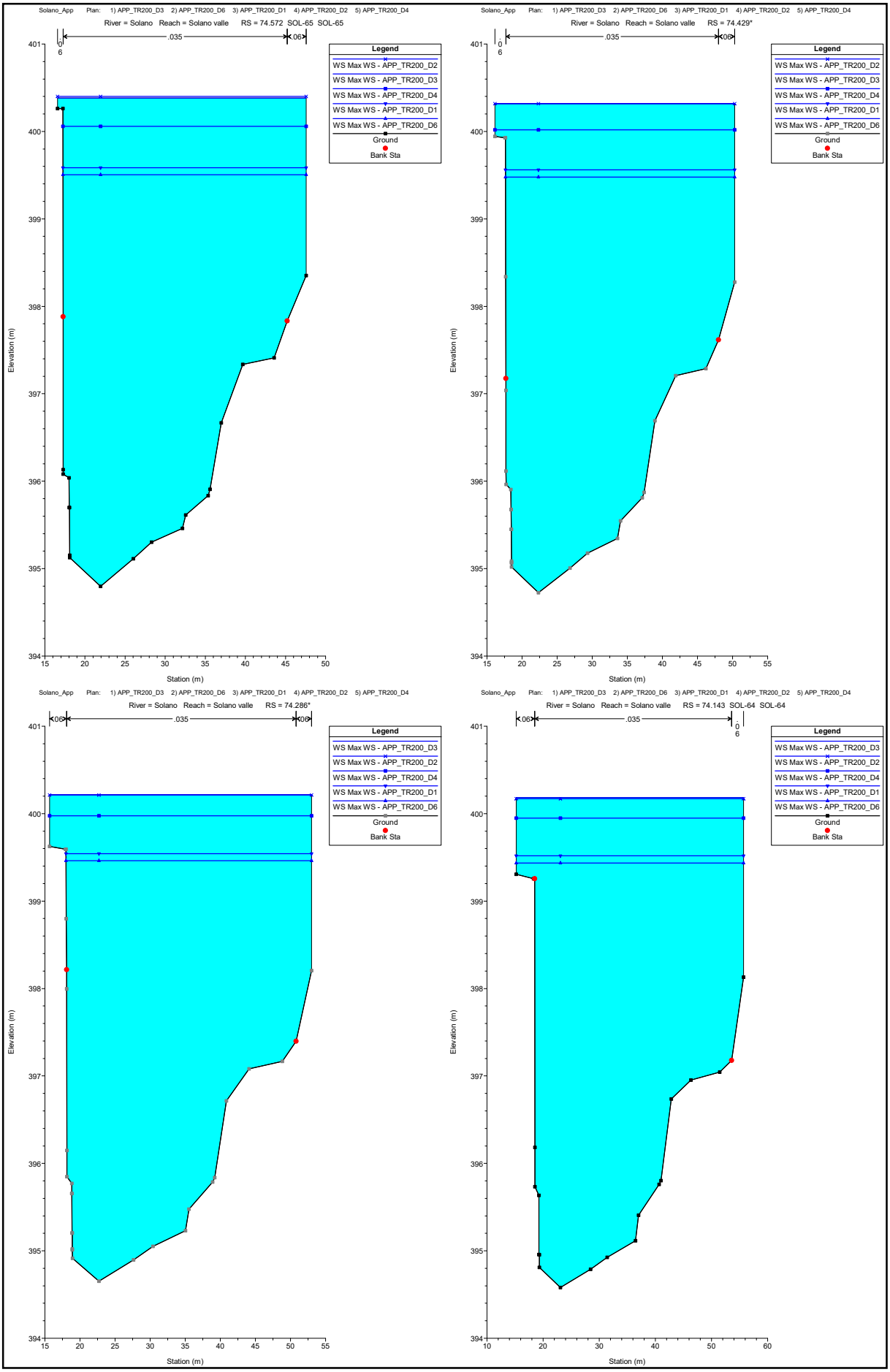
River = Solano Reach = Solano valle RS = 75.111*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 75 SOL-66 SOL-66
.06
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 74.857*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 74.715*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)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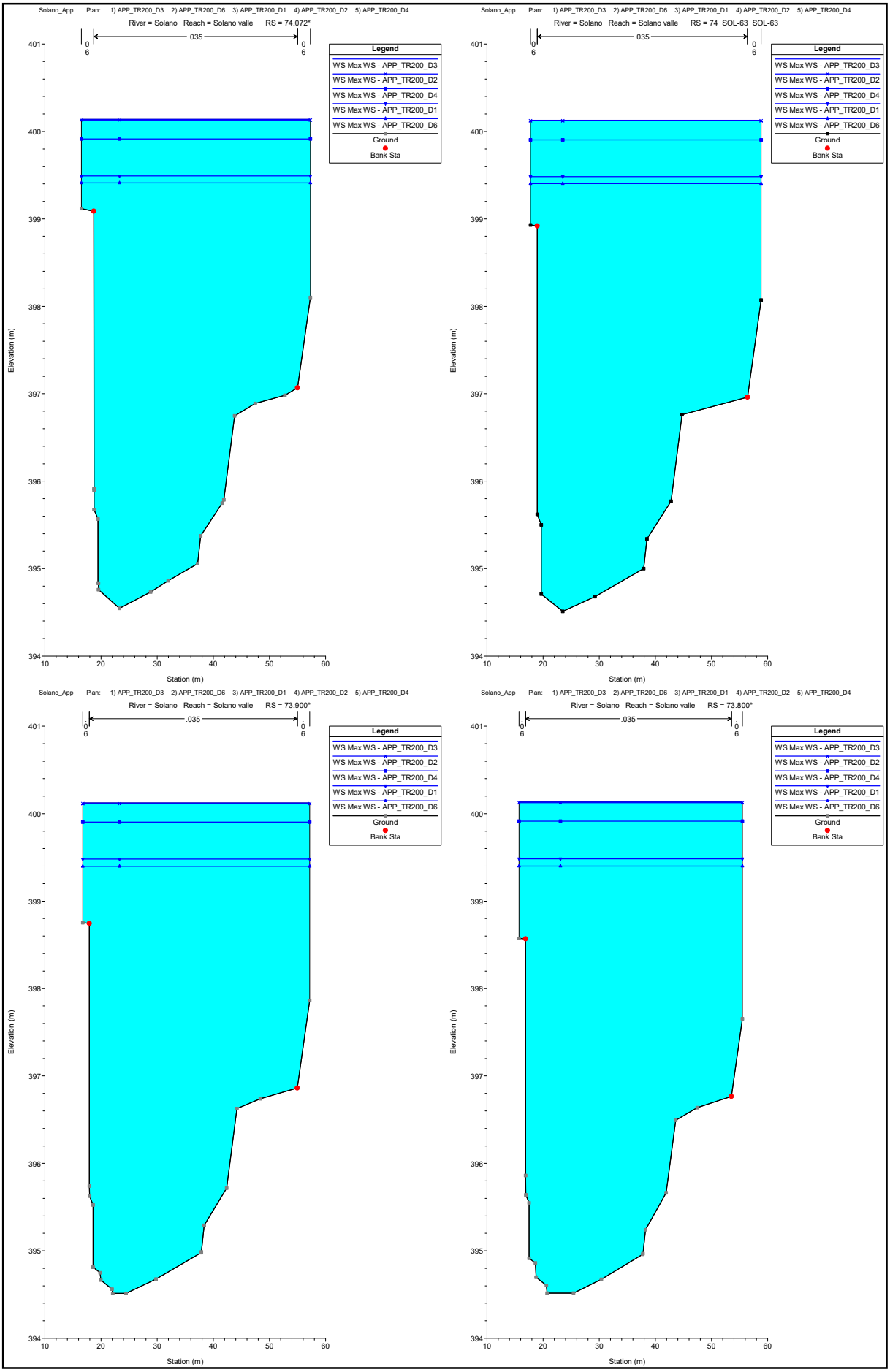
River = Solano Reach = Solano valle RS = 74.572 SOL-65 SOL-65
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 74.429*
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 74.286*
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 74.143 SOL-64 SOL-64
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)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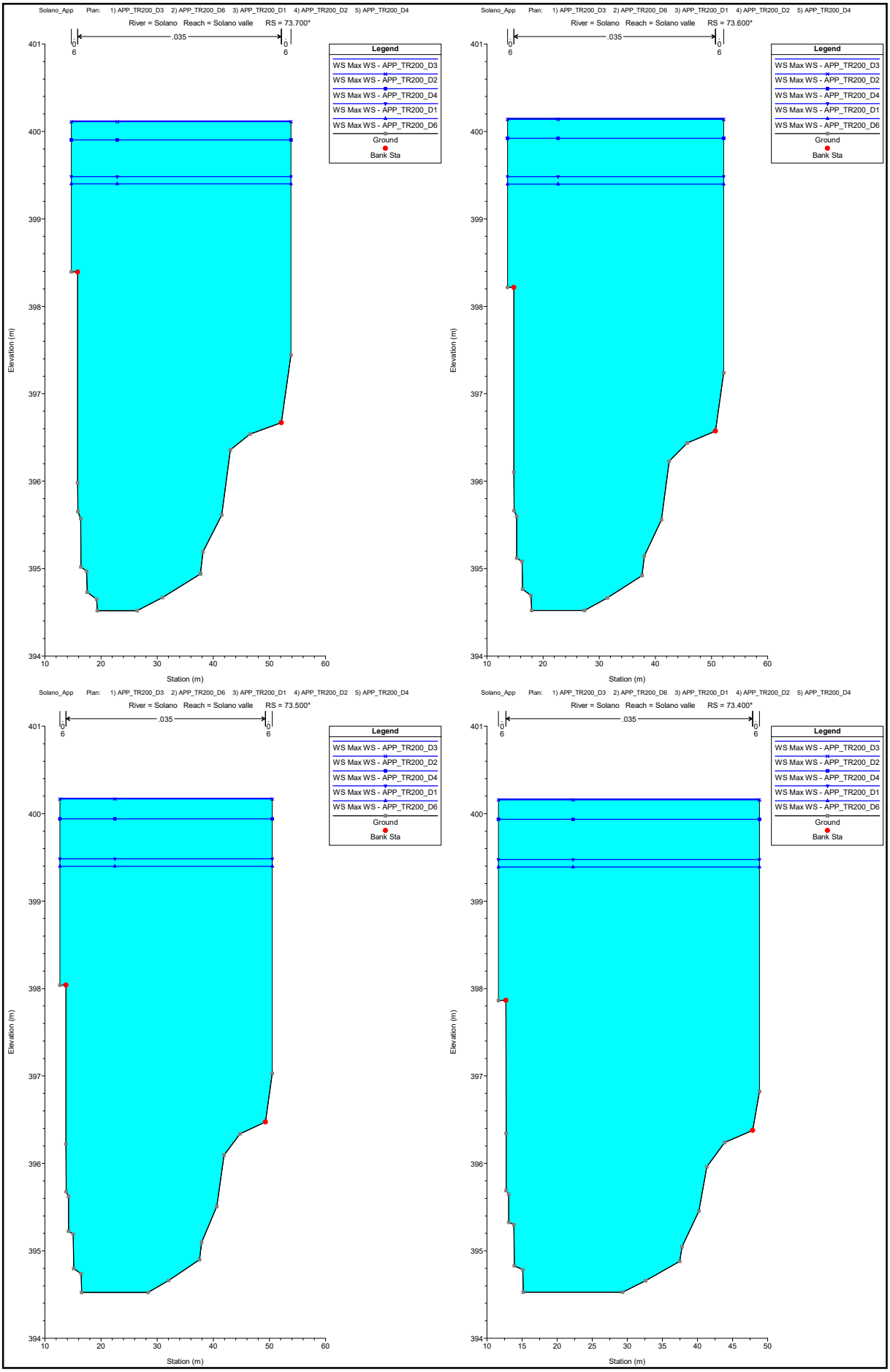
River = Solano Reach = Solano valle RS = 74.072*
.035
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 74 SOL-63 SOL-63
.035
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 73.900*
.035
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 73.800*
.035
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)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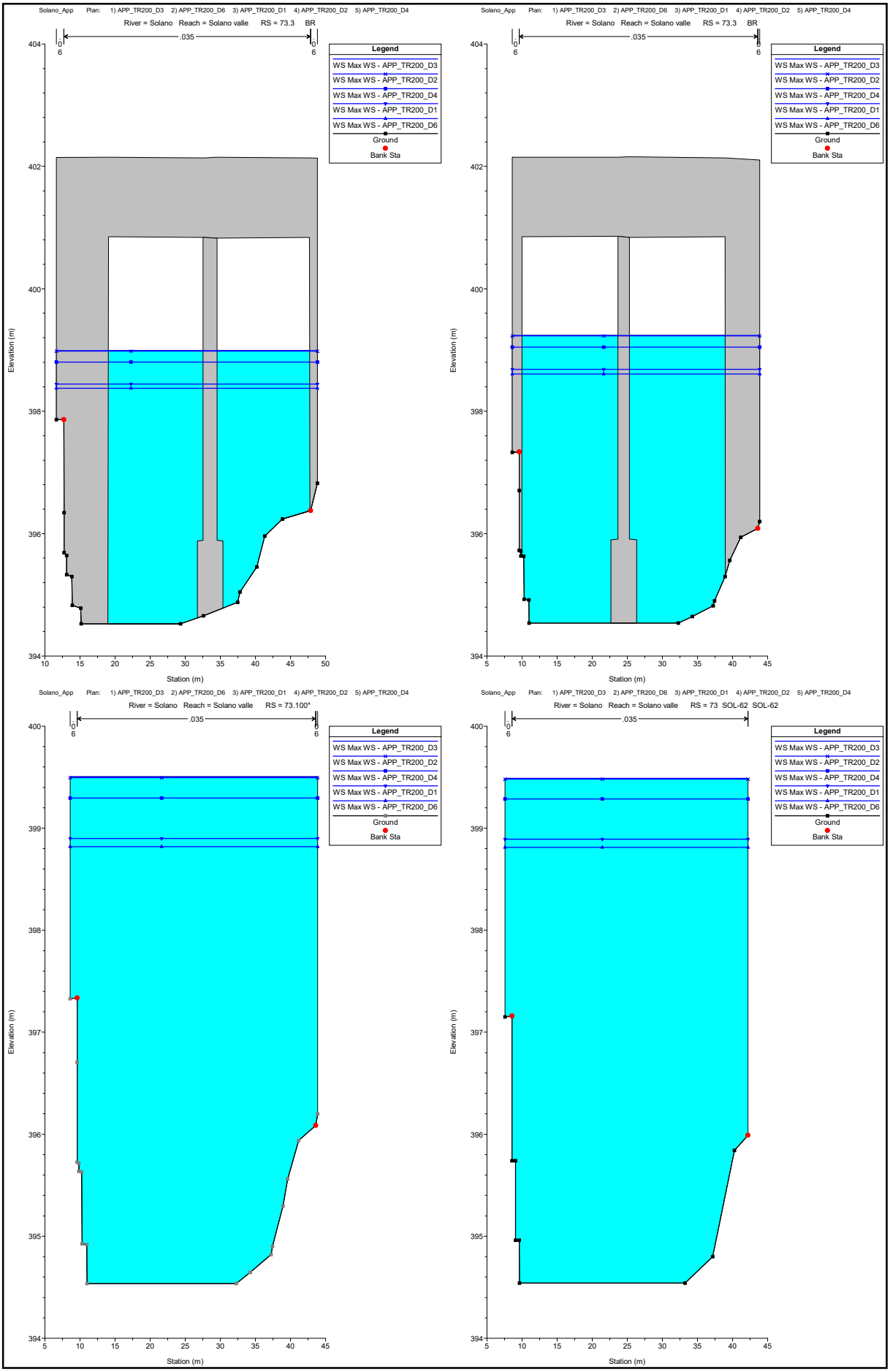
River = Solano Reach = Solano valle RS = 73.700*
.035
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 73.600*
.035
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 73.500*
.035
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 73.400*
.035
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)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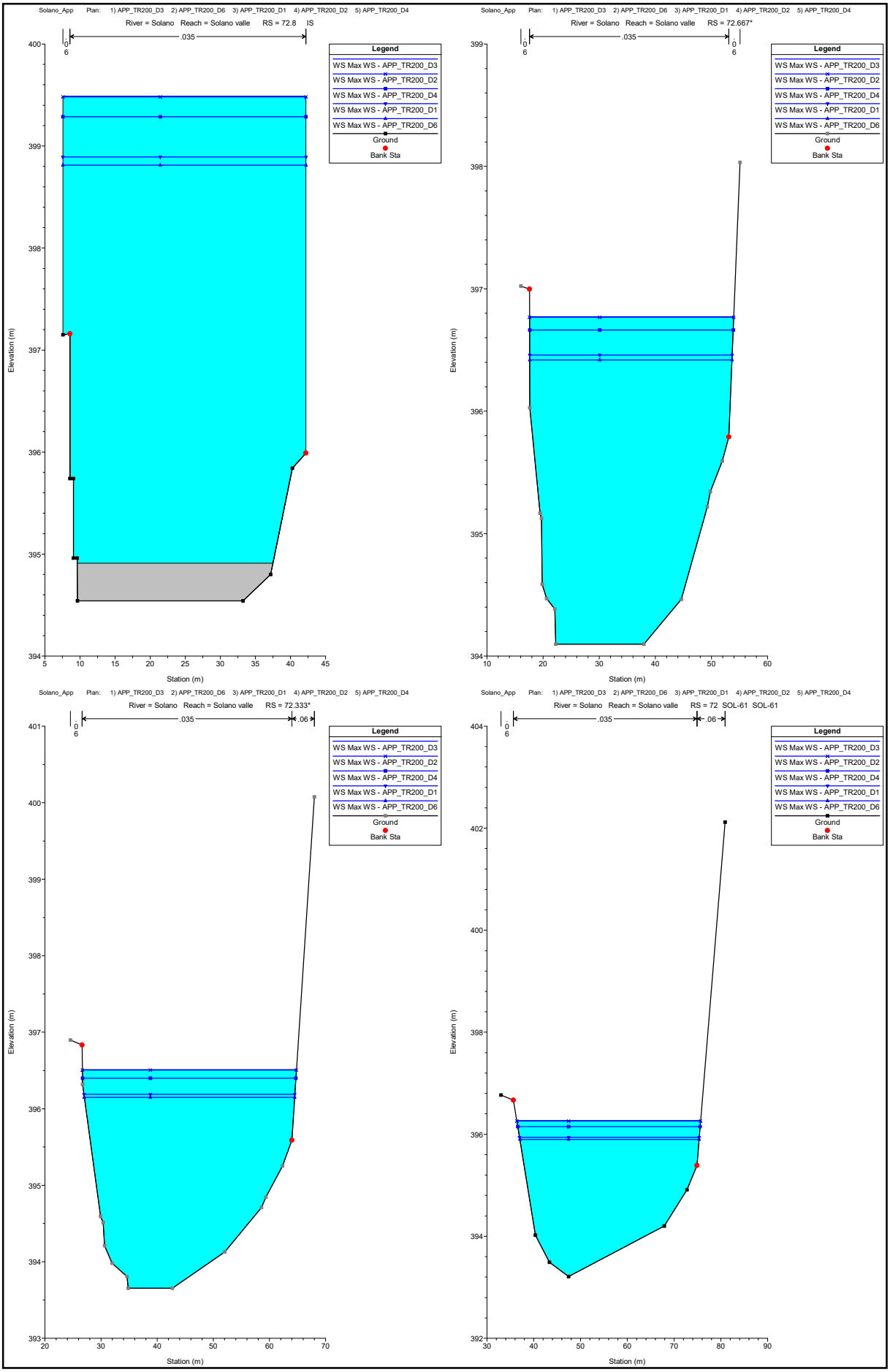
River = Solano Reach = Solano valle RS = 73.3 BR
.035
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 73.3 BR
.035
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 73.100*
.035
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 73 SOL-62 SOL-62
.035
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)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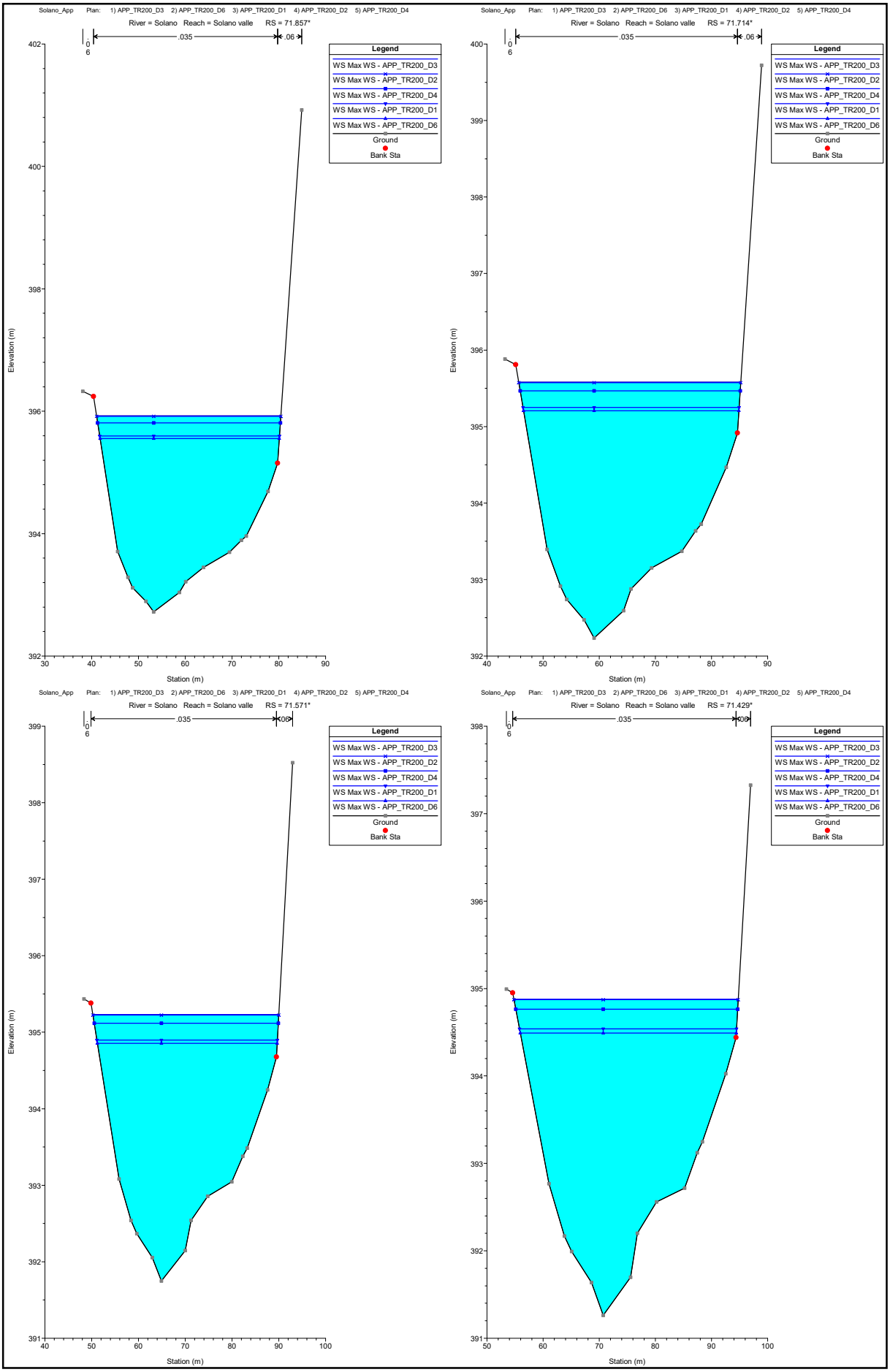
River = Solano Reach = Solano valle RS = 72.8 IS
.035
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 72.667*
.035
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 72.333*
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 72 SOL-61 SOL-61
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)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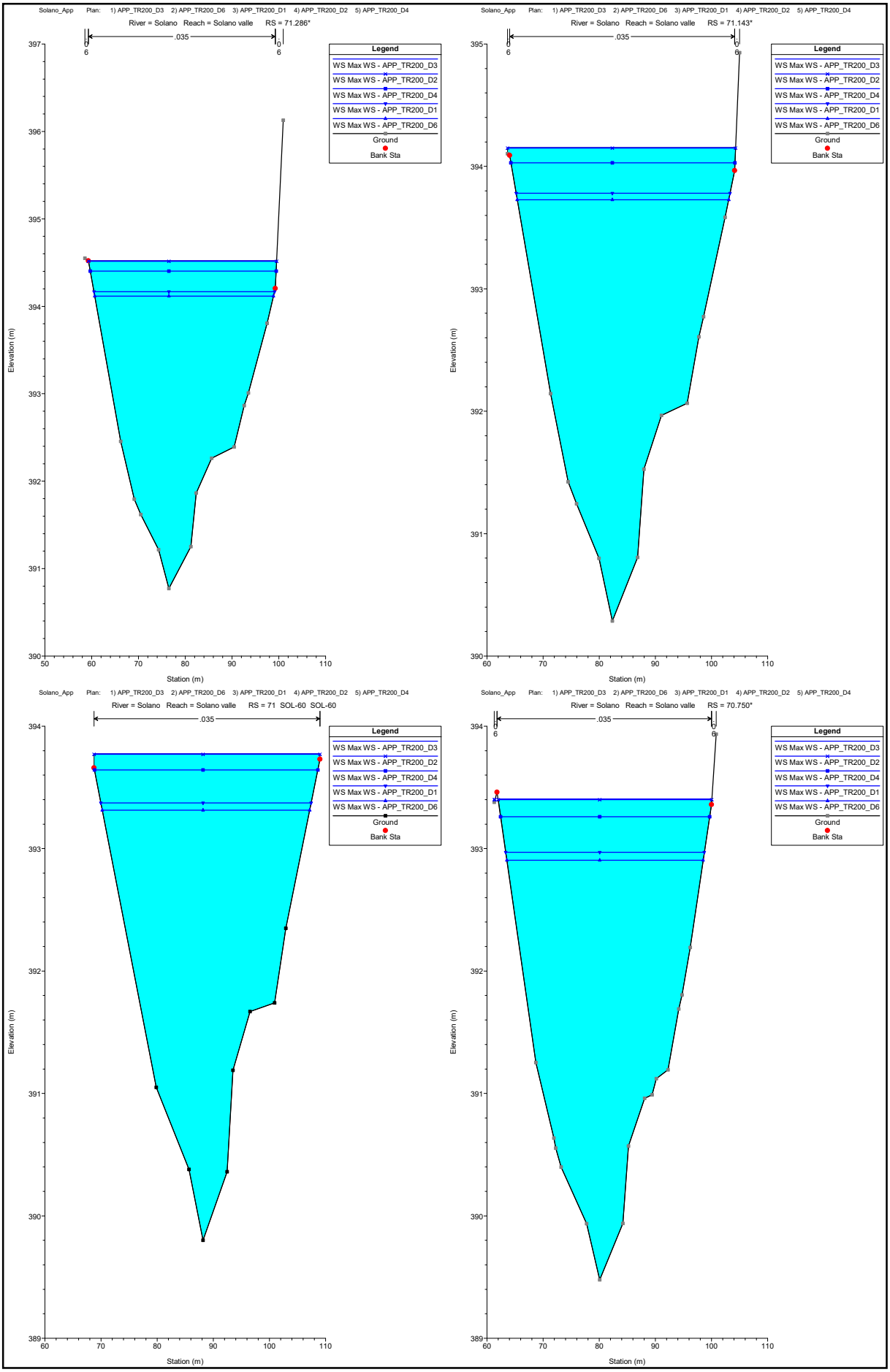
River = Solano Reach = Solano valle RS = 71.857*
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 71.714*
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 71.571*
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 71.429*
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)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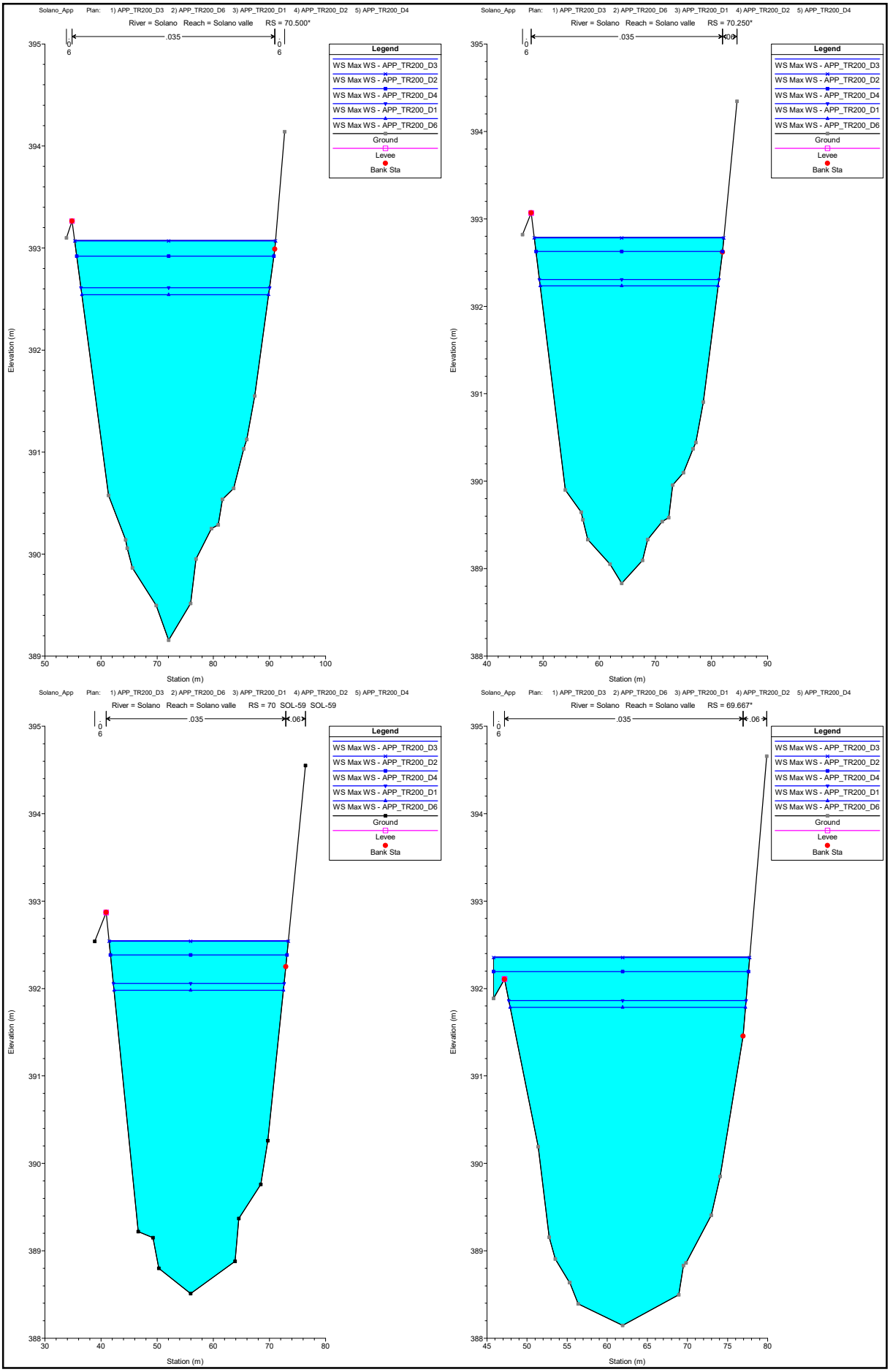
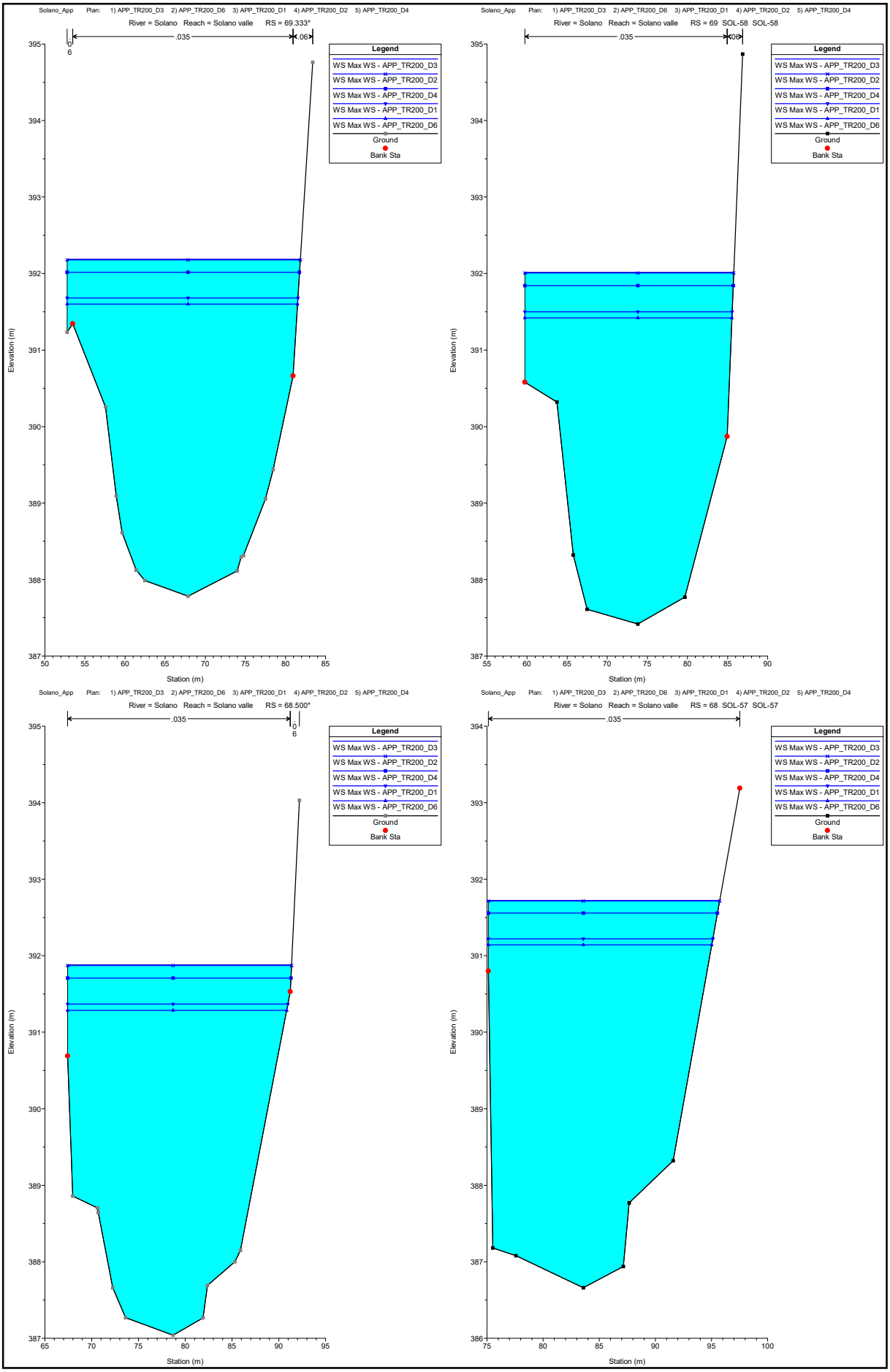
River = Solano Reach = Solano valle RS = 71.286*
.035
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 71.143*
.035
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 71 SOL-60 SOL-60
.035
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 70.750*
.035
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)


Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 70.500*
.035
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 70.250*
.035
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 70 SOL-59 SOL-59
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 69.667*
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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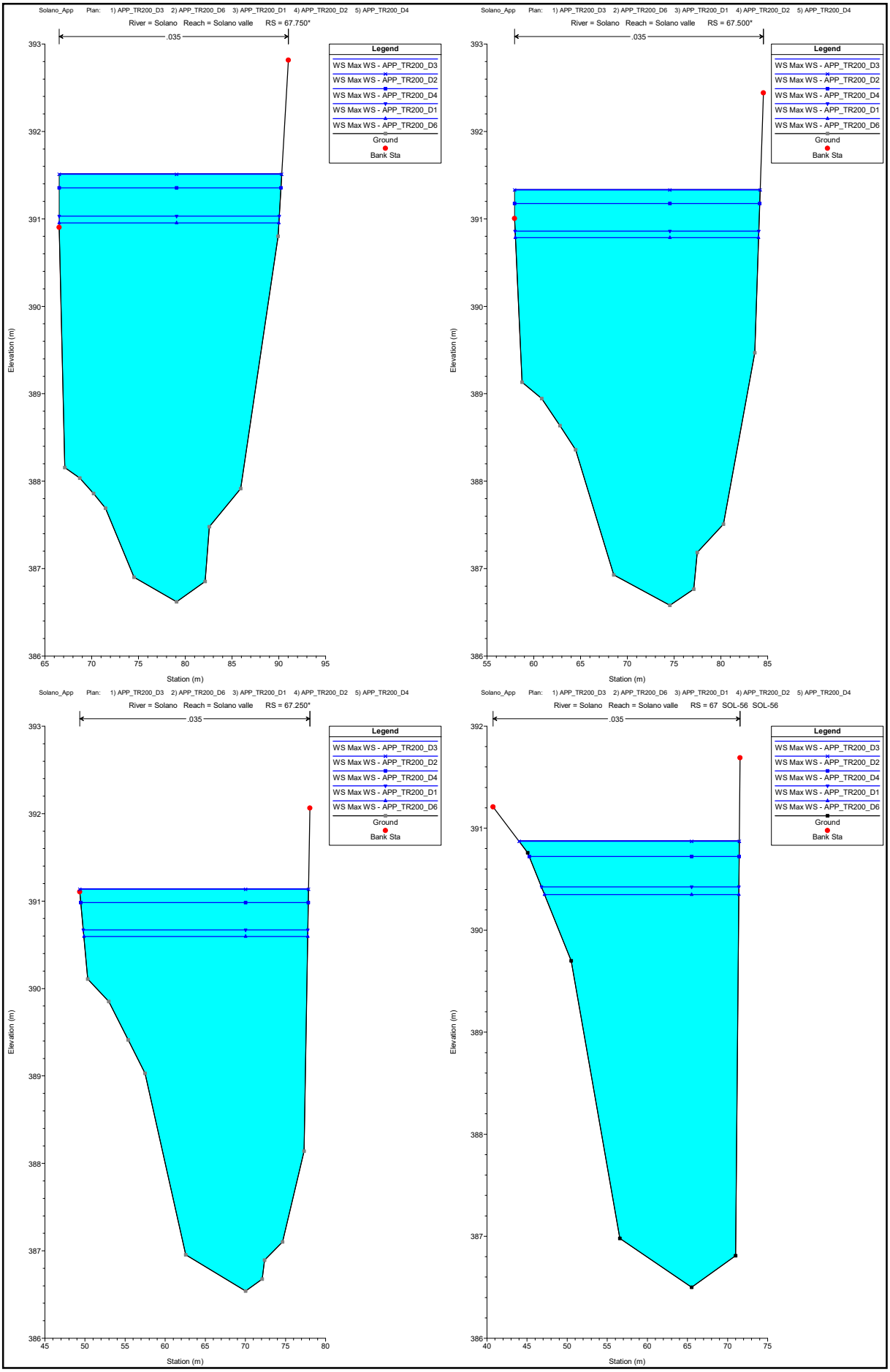
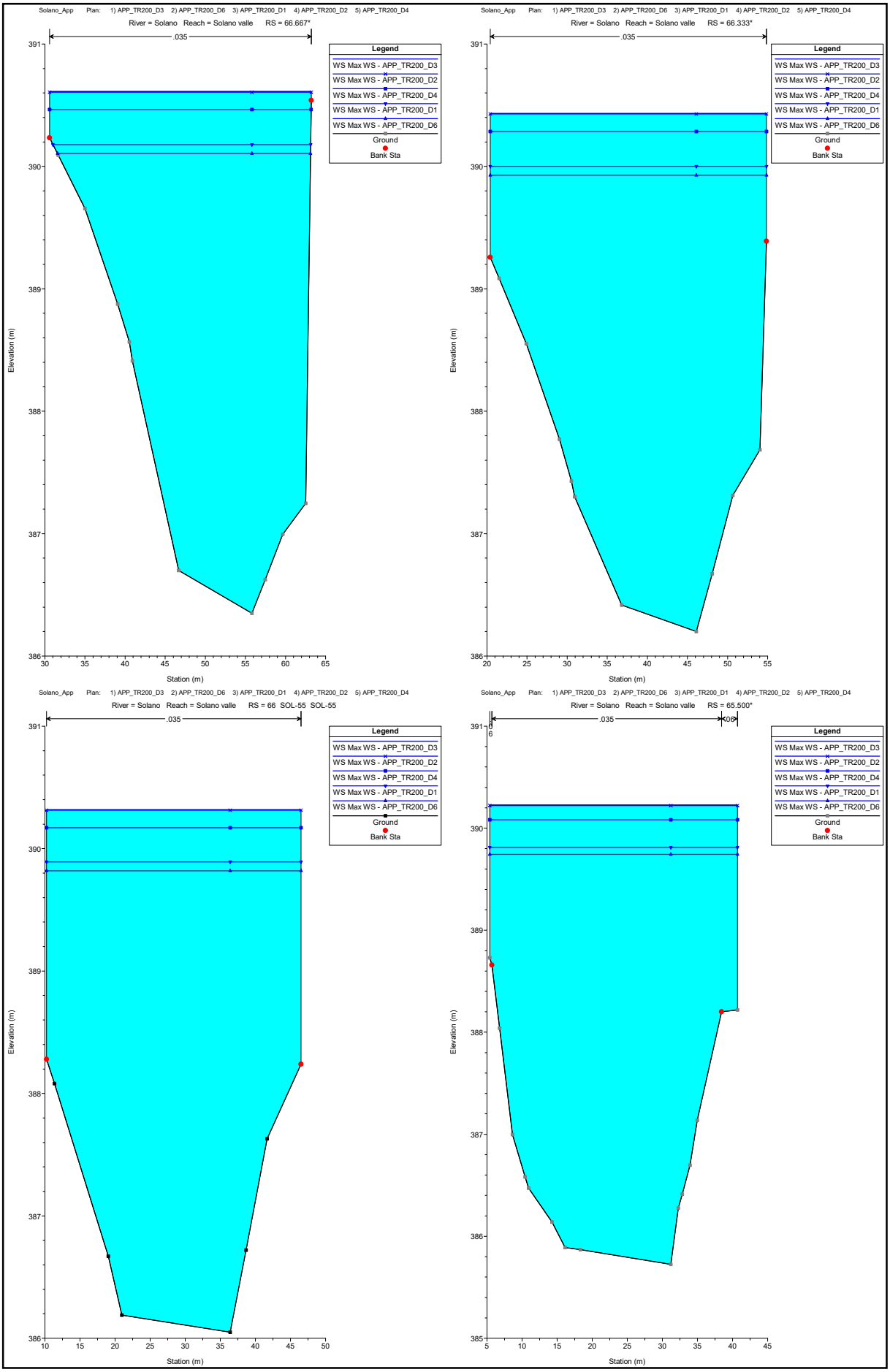
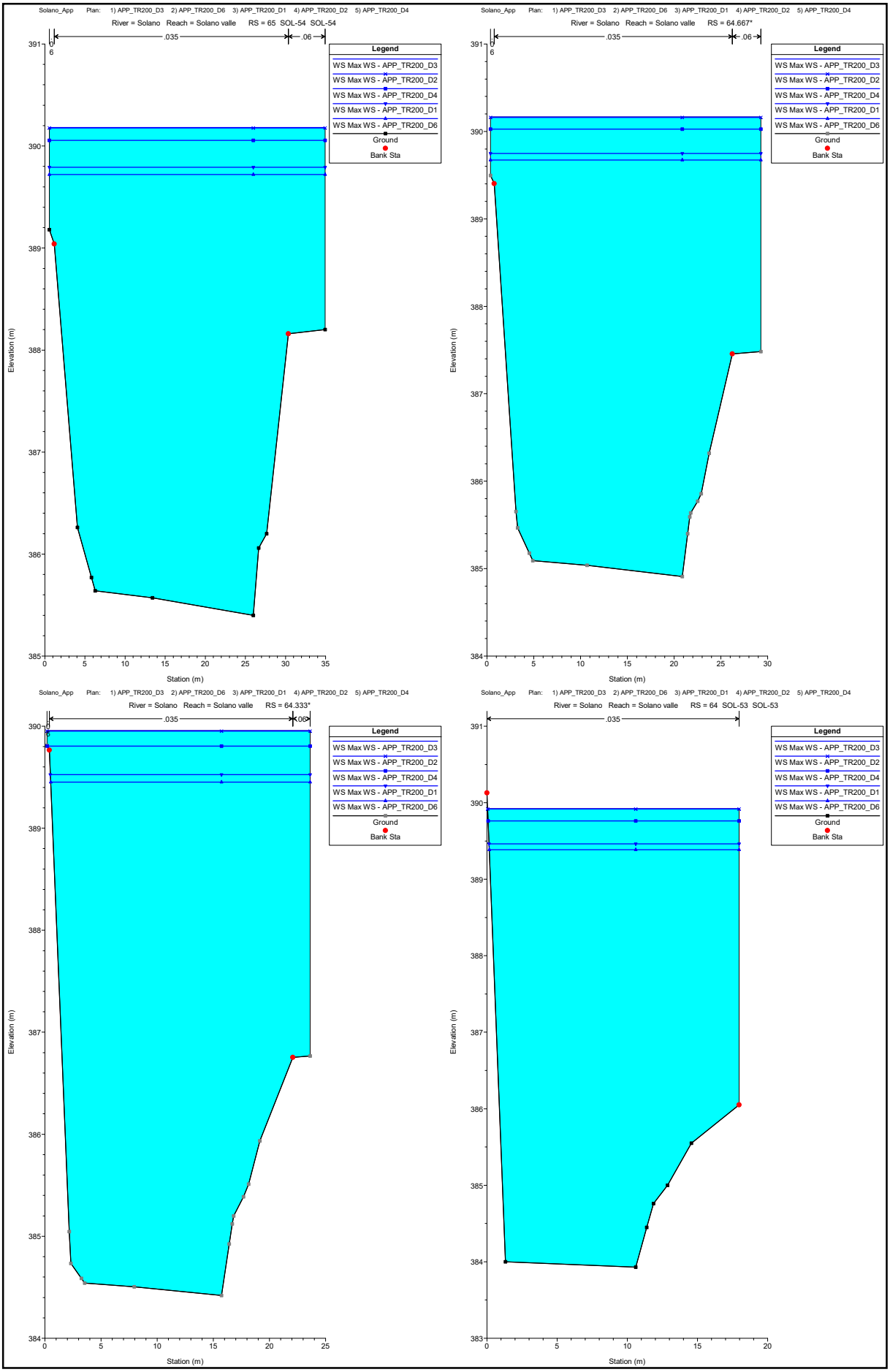
River = Solano Reach = Solano valle RS = 69.333*
.035
.06
0
6
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 69 SOL-58 SOL-58
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 68.500*
.035
0
6
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 68 SOL-57 SOL-57
.035
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)


Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 67.750*
.035
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 67.500*
.035
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 67.250*
.035
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 67 SOL-56 SOL-56
.035
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)


Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 66.667*
.035
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 66.333*
.035
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 66 SOL-55 SOL-55
.035
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 65.500*
.035
.006
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)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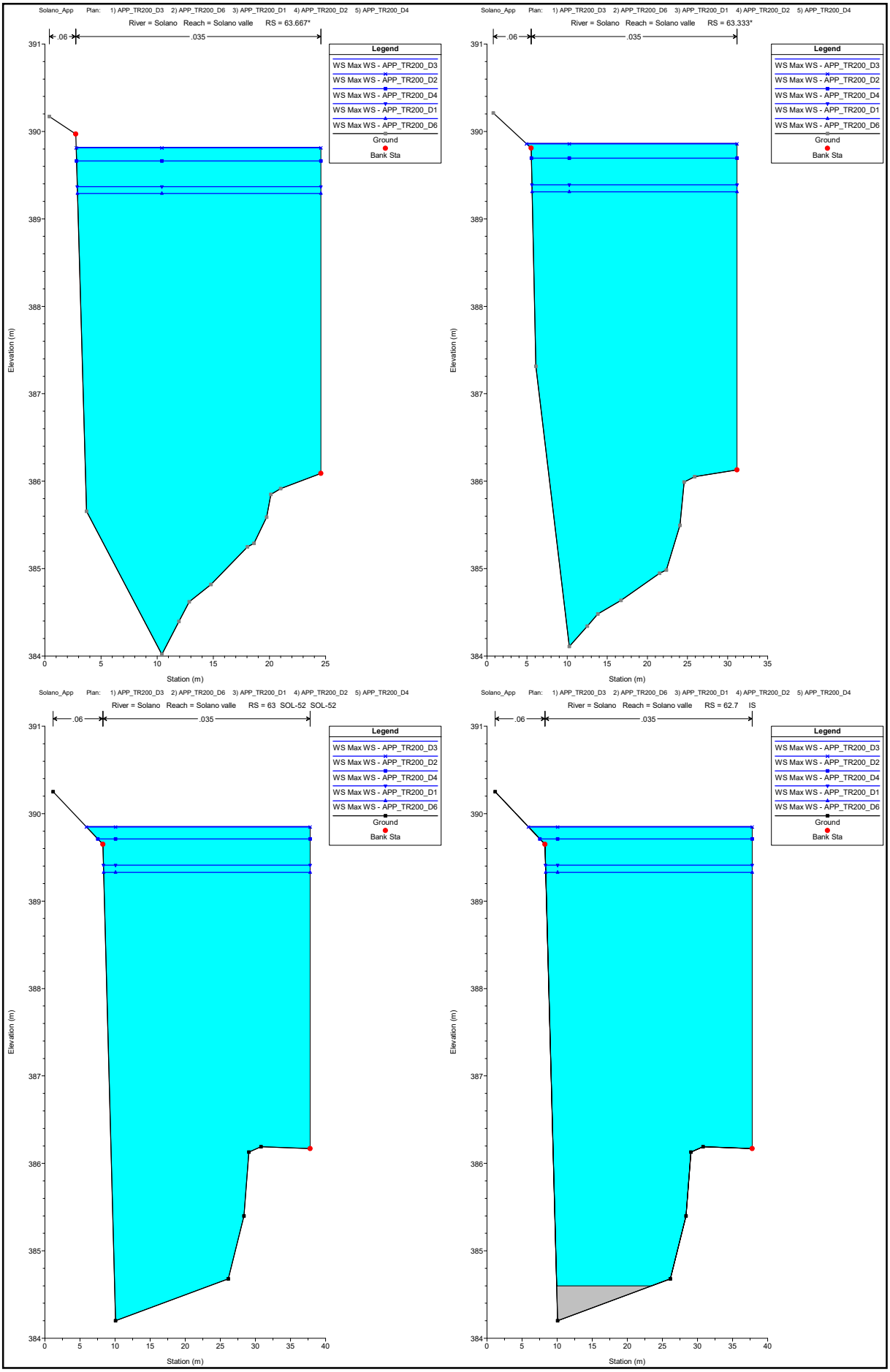
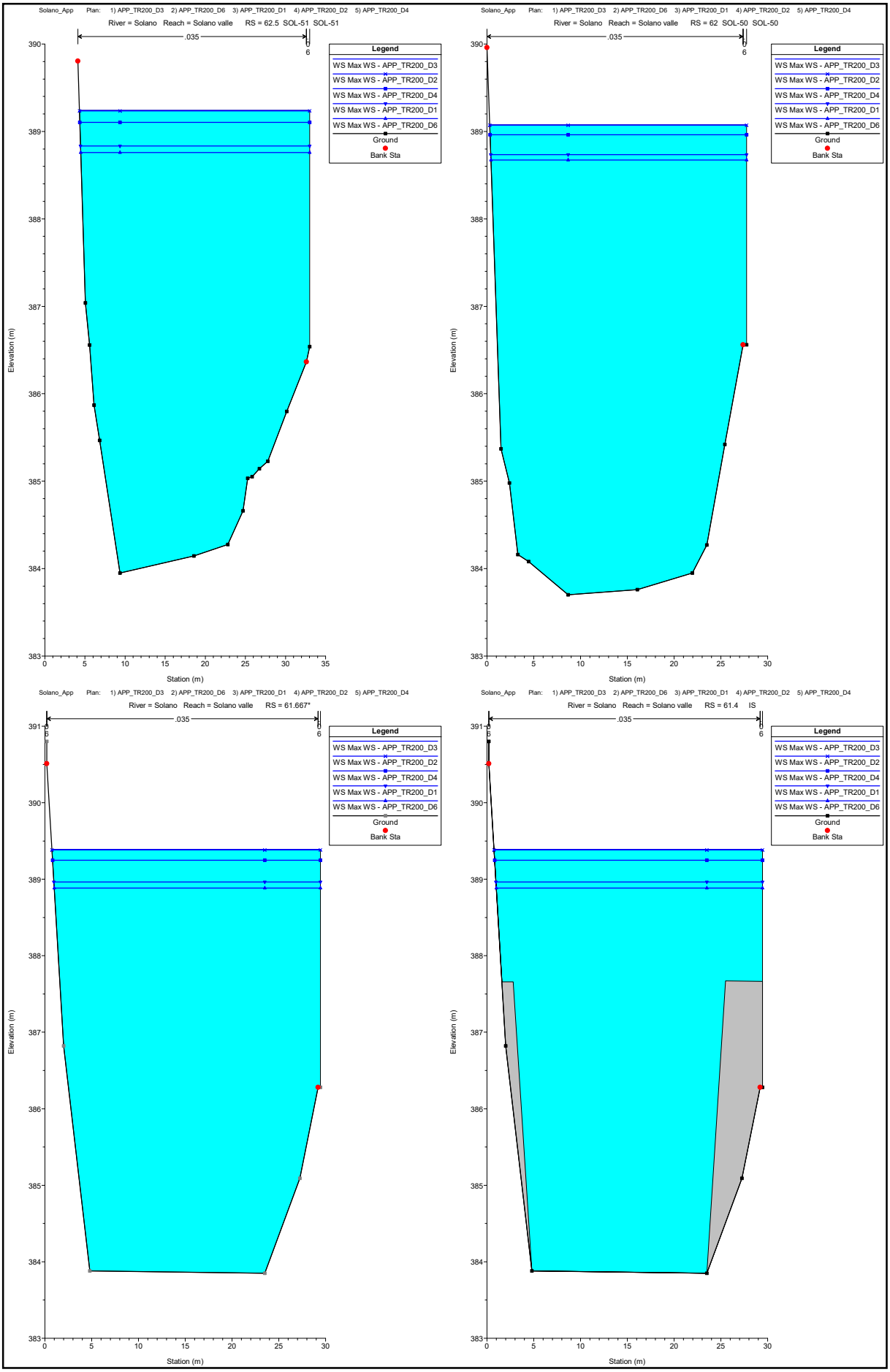
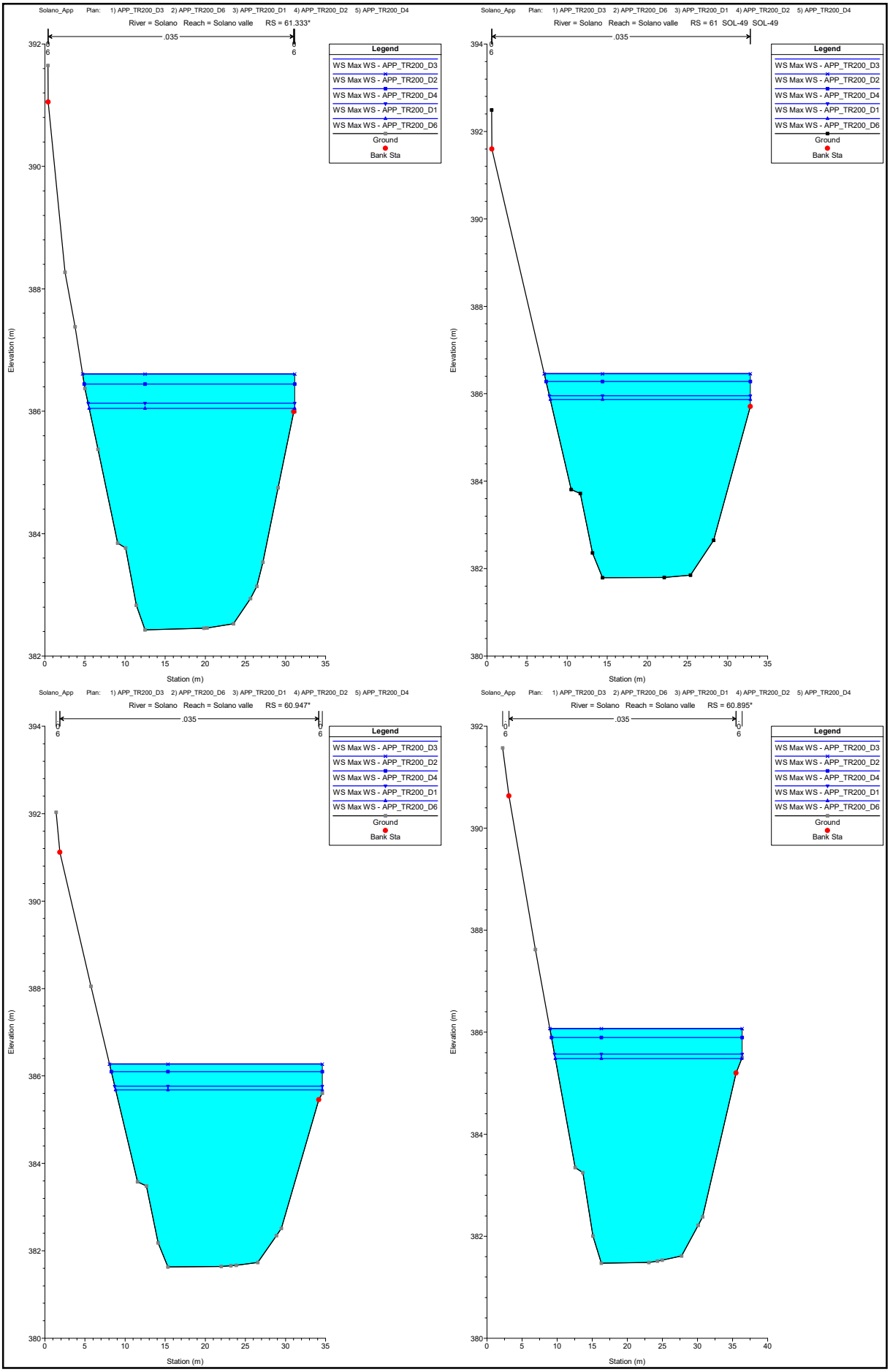
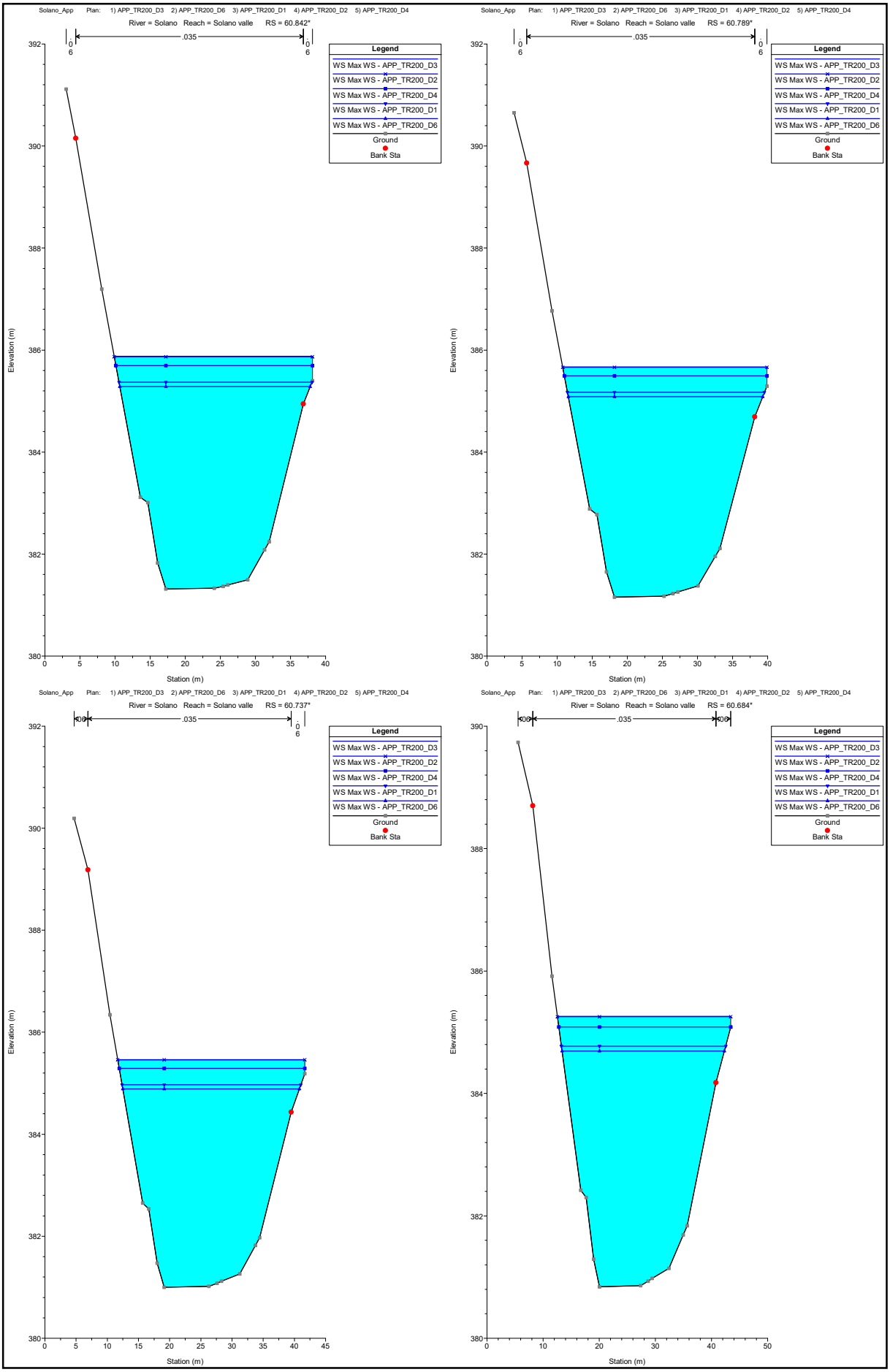
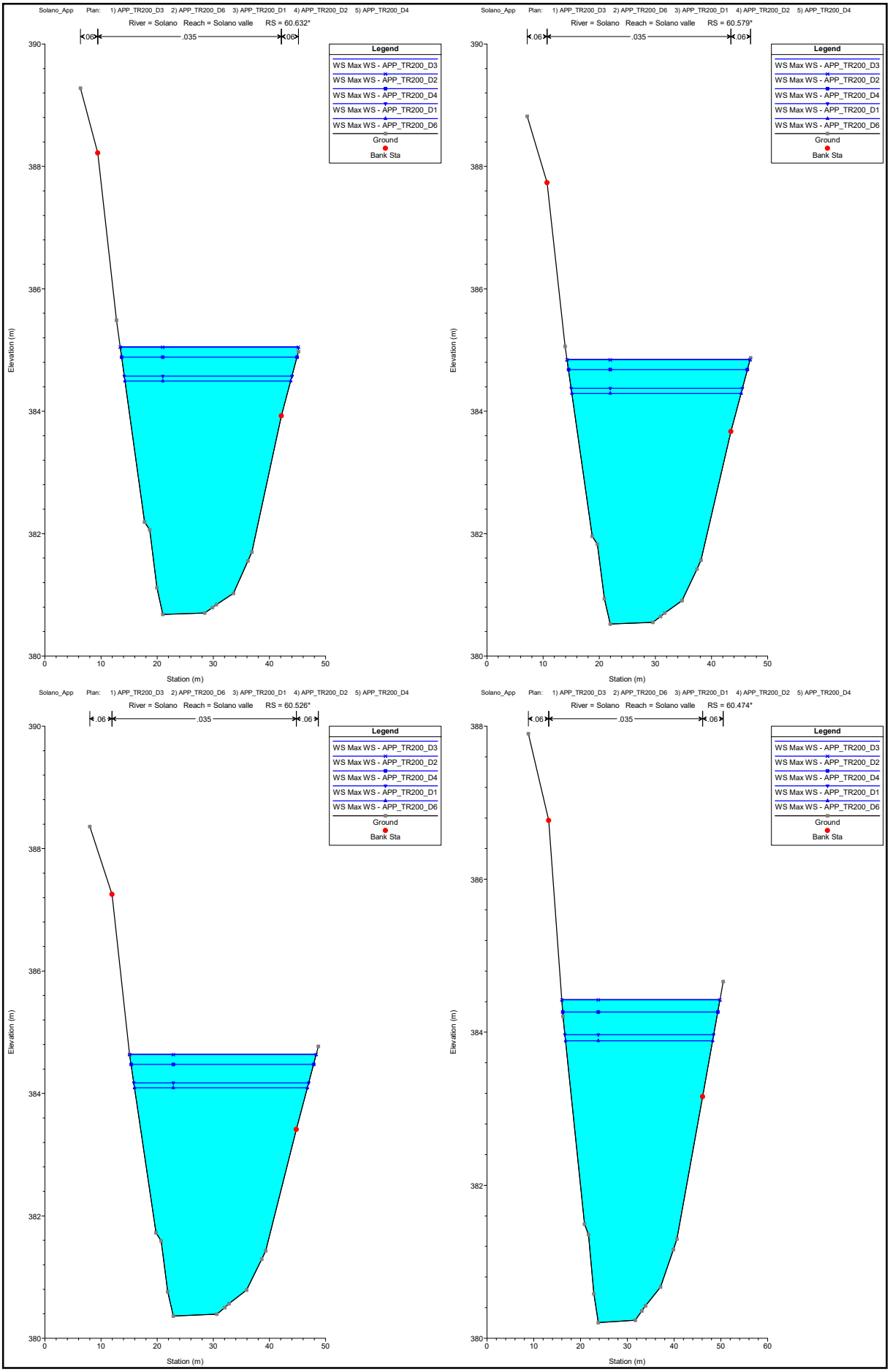
River = Solano Reach = Solano valle RS = 65 SOL-54 SOL-54
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 64.667*
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 64.333*
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 64 SOL-53 SOL-53
.035
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)

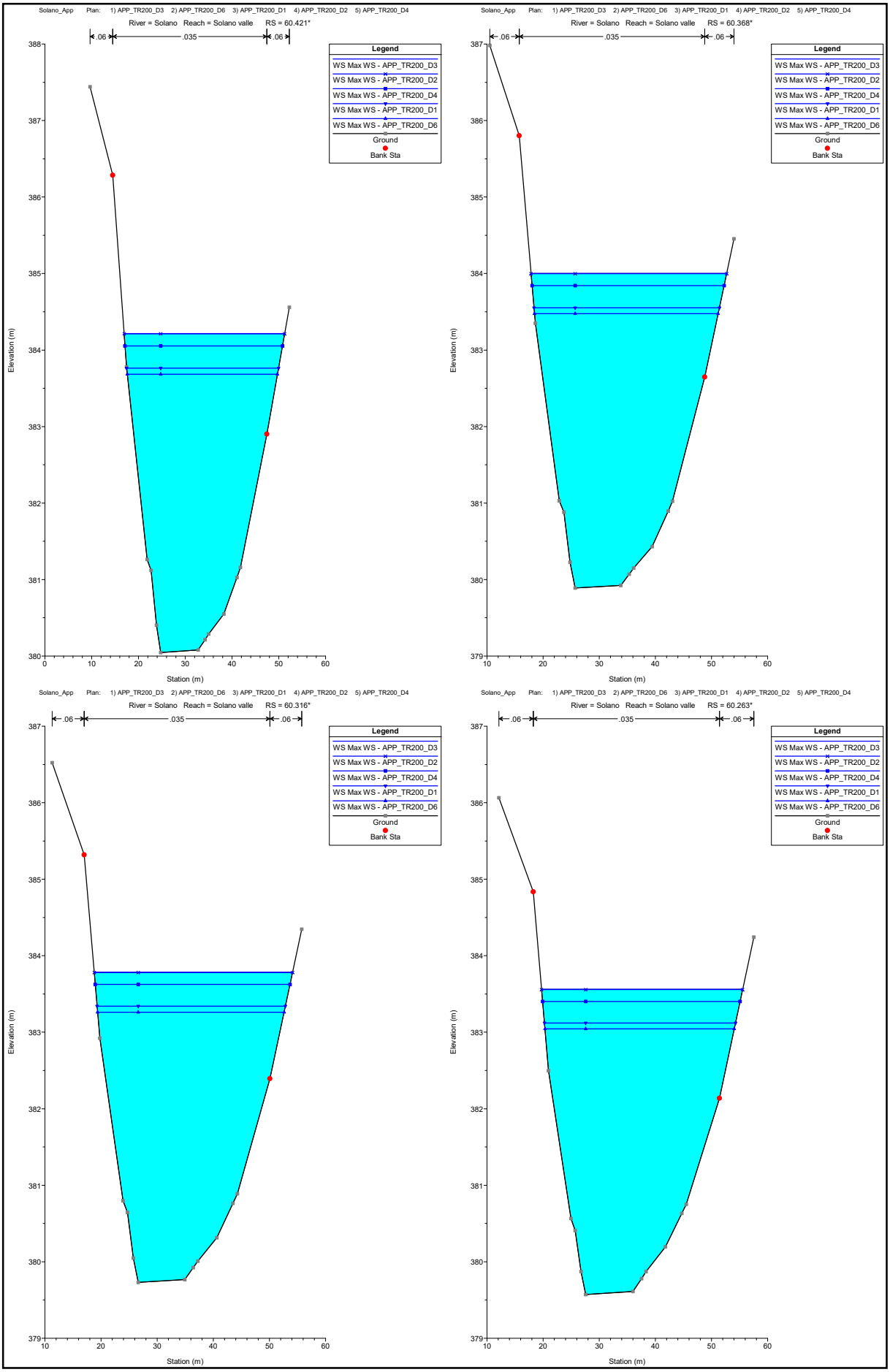

Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 63.667*
.06
.035
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 63.333*
.06
.035
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 63 SOL-52 SOL-52
.06
.035
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 62.7 IS
.06
.035
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)

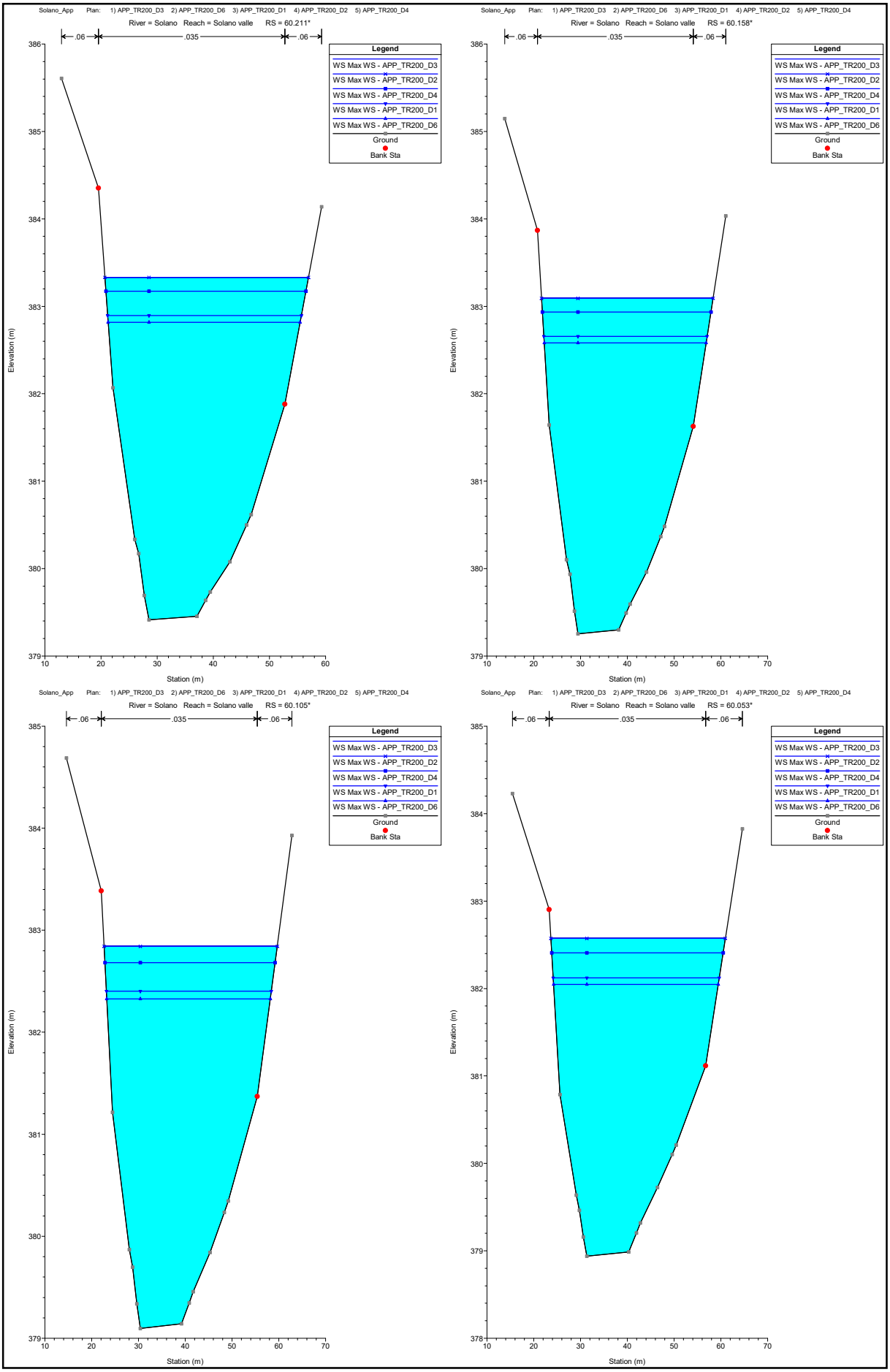

Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 62.5 SOL-51 SOL-51
.035
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 62 SOL-50 SOL-50
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 61.667*
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 61.4 IS


Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 61.333*
.035
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 61 SOL-49 SOL-49
.035
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 60.947*
.035
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 60.895*
.035
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)


Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 60.842*
.035
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 60.789*
.035
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 60.737*
.035
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 60.684*
.035
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)


Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 60.632*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 60.579*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 60.526*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 60.474*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)


Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 60.421*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 60.368*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 60.316*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 60.263*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)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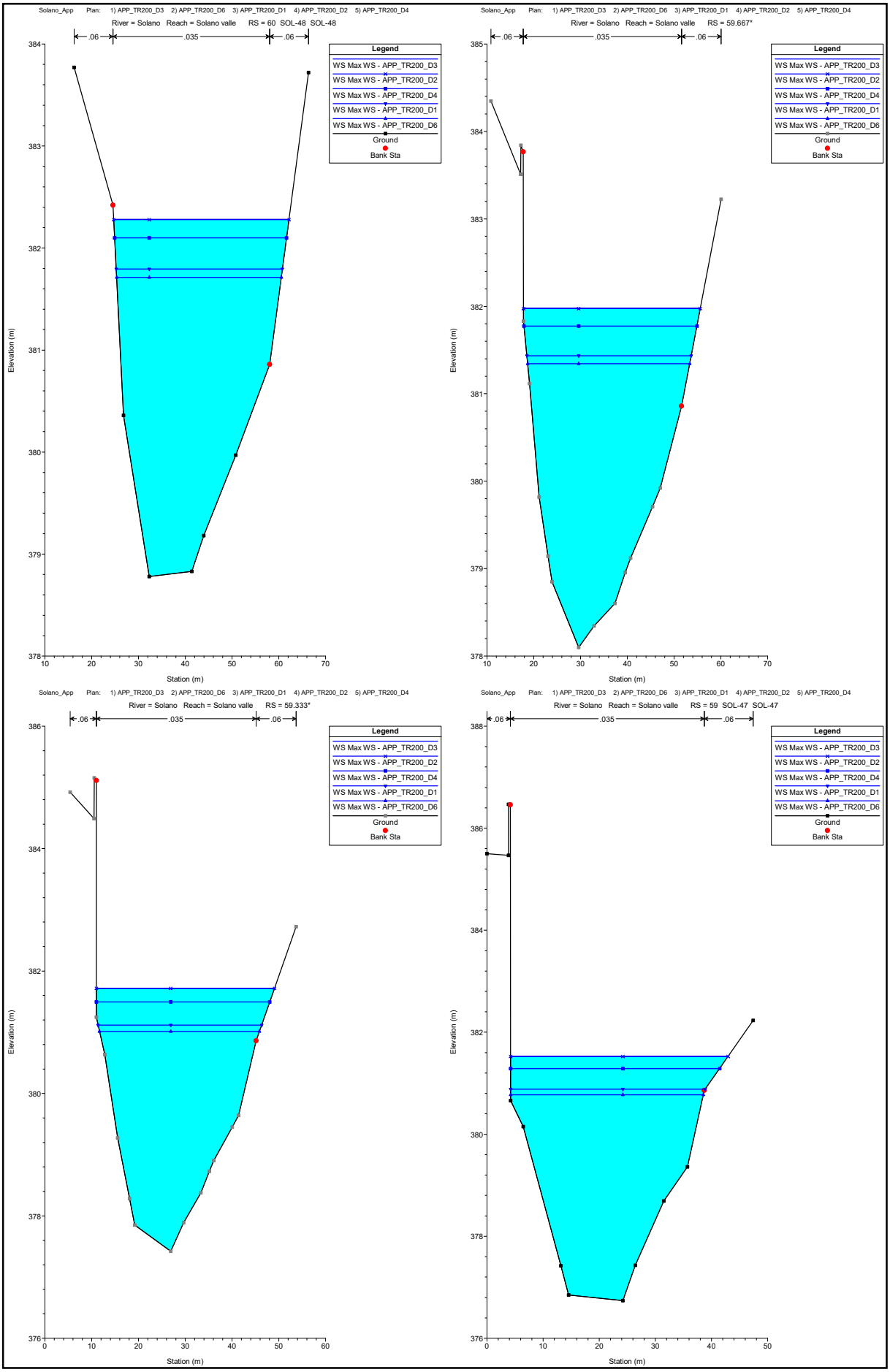
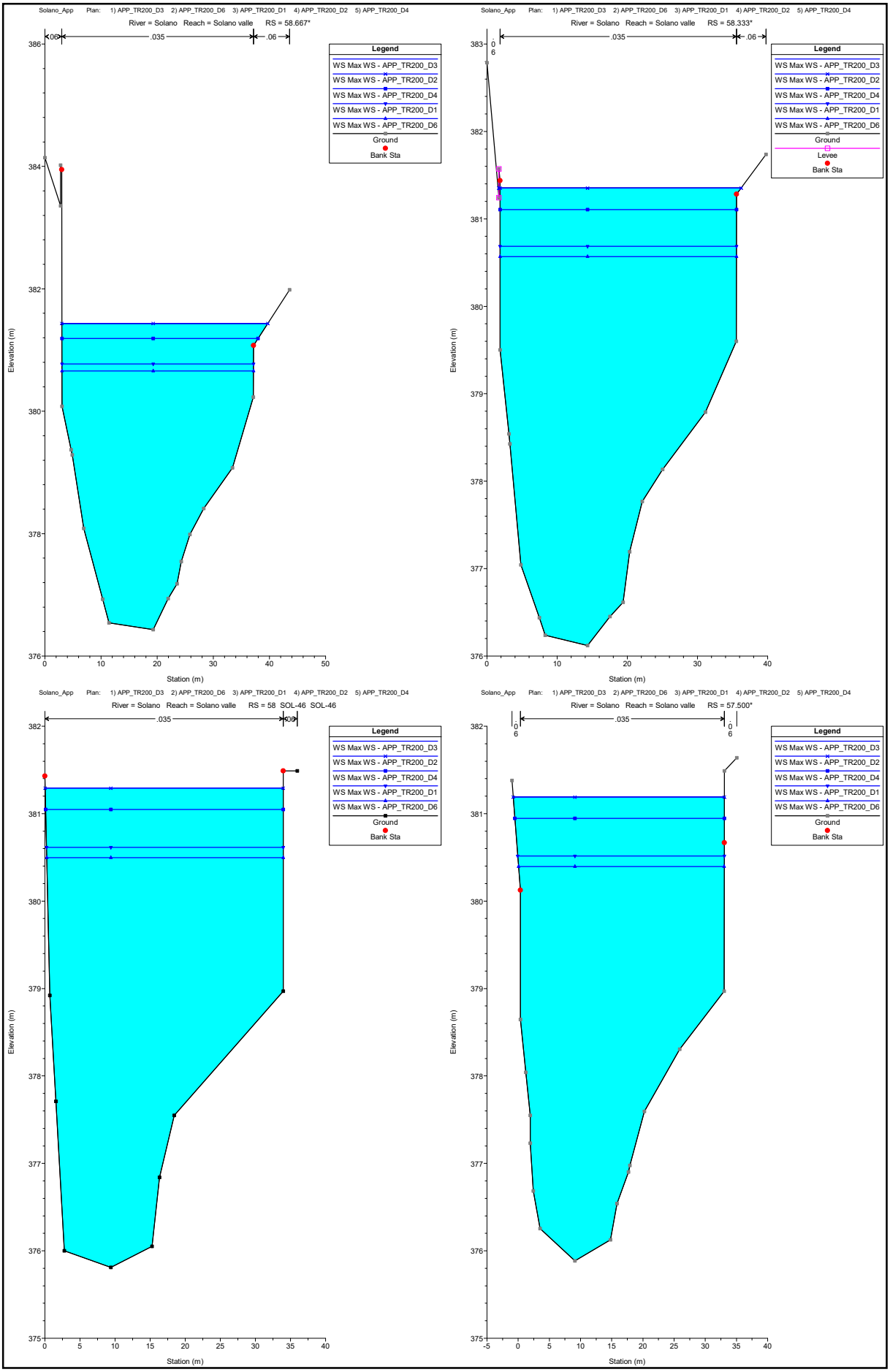
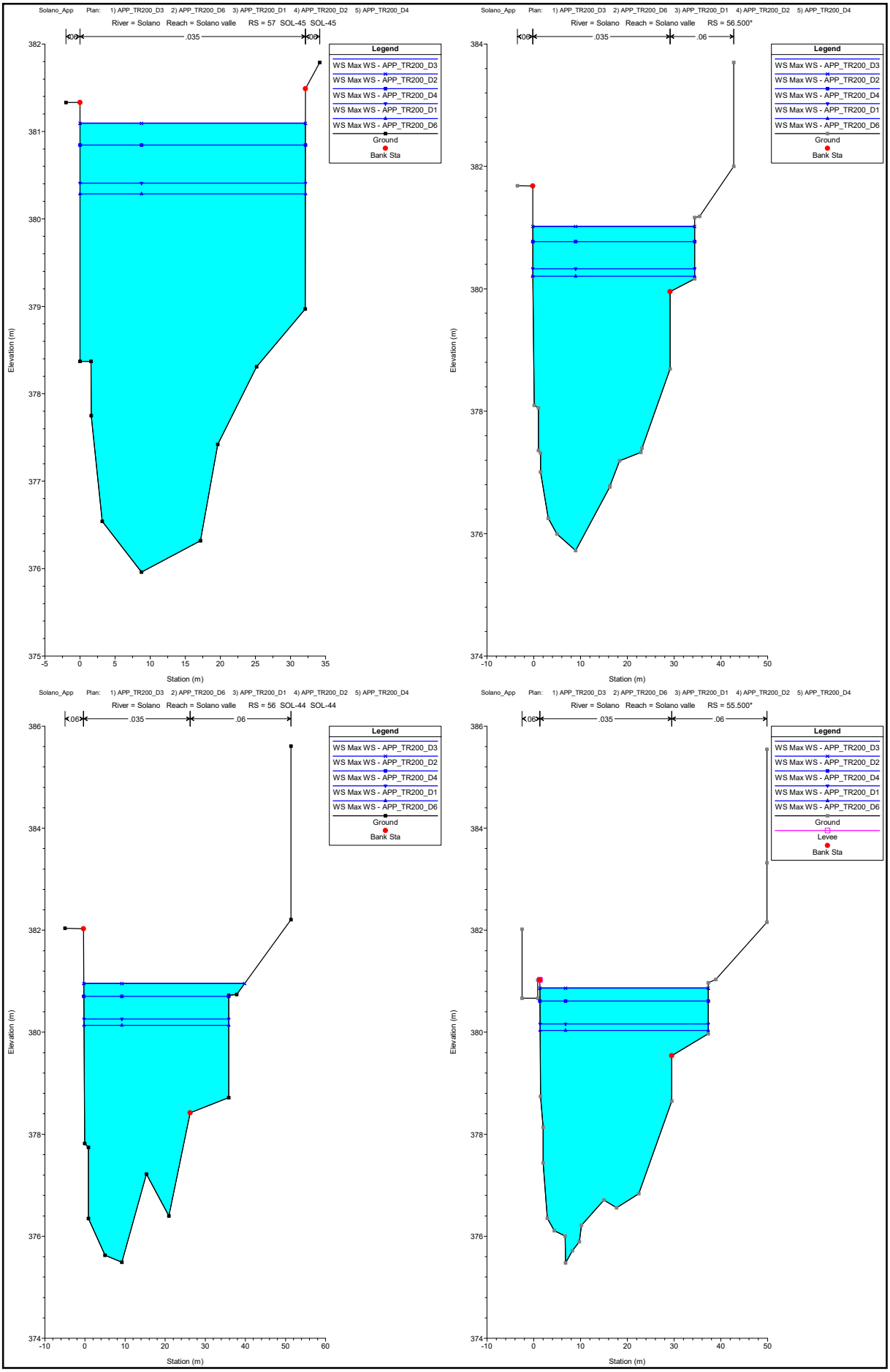
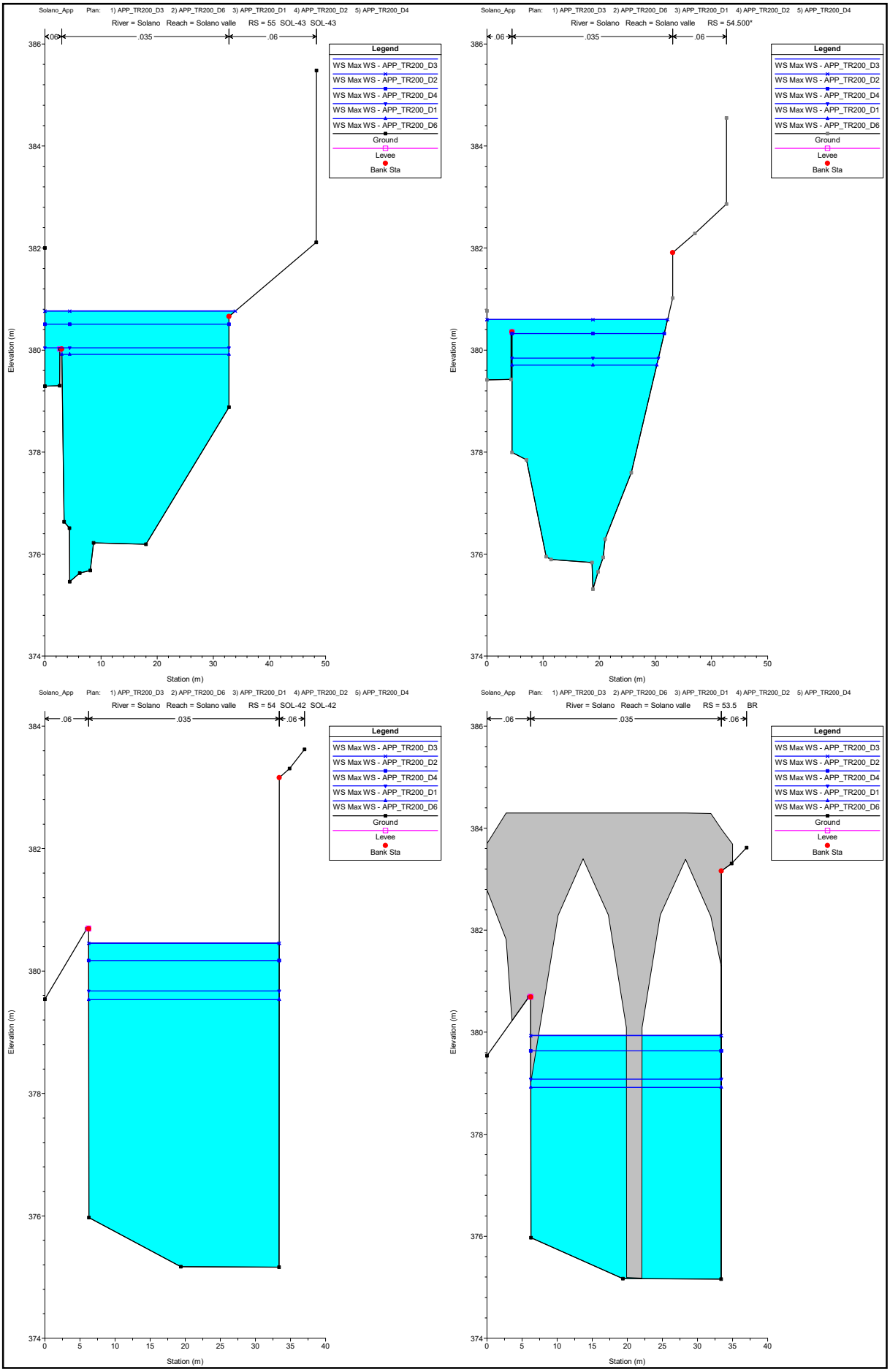
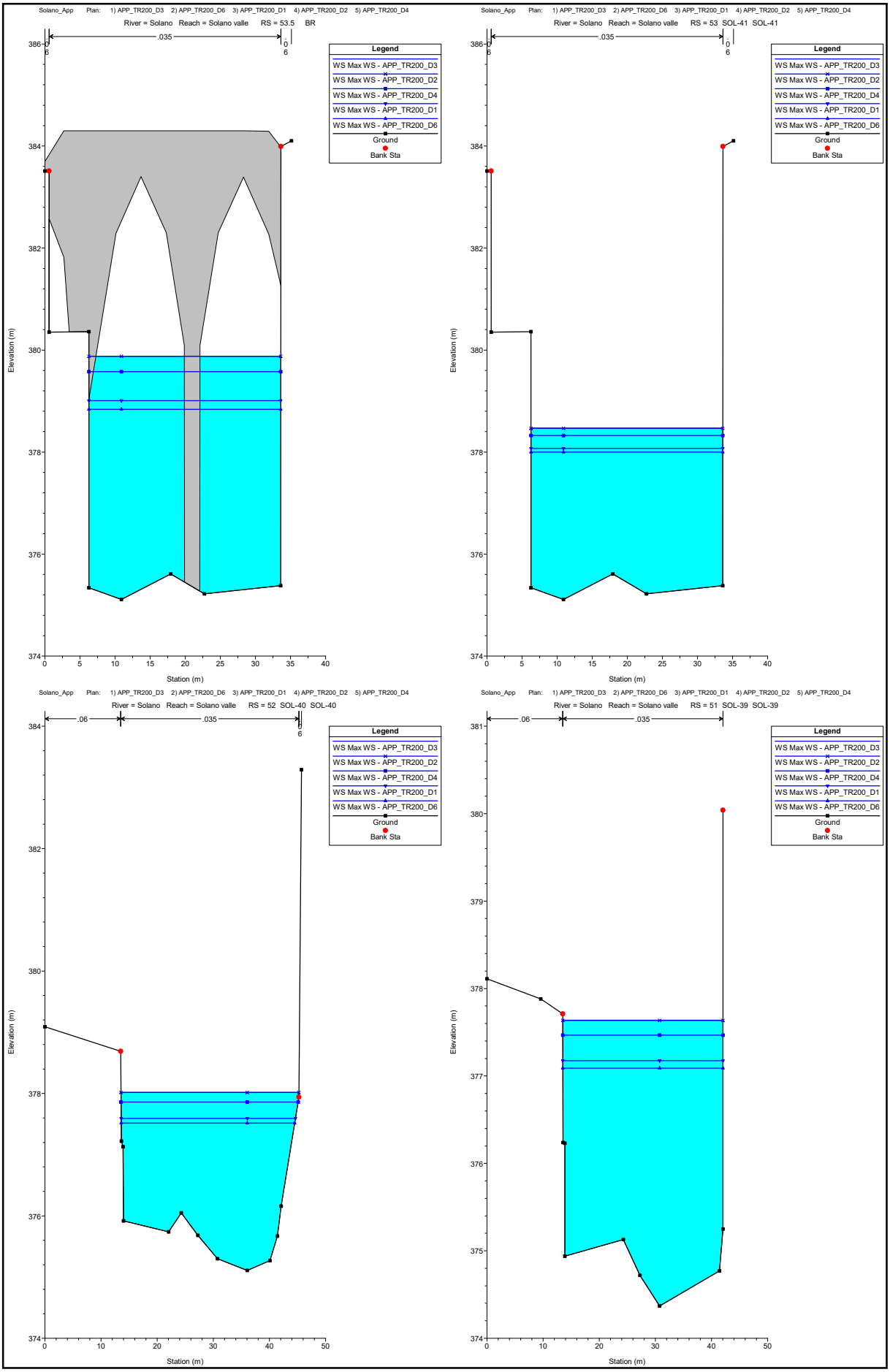
River = Solano Reach = Solano valle RS = 60.211*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 60.158*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 60.105*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 60.053*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)

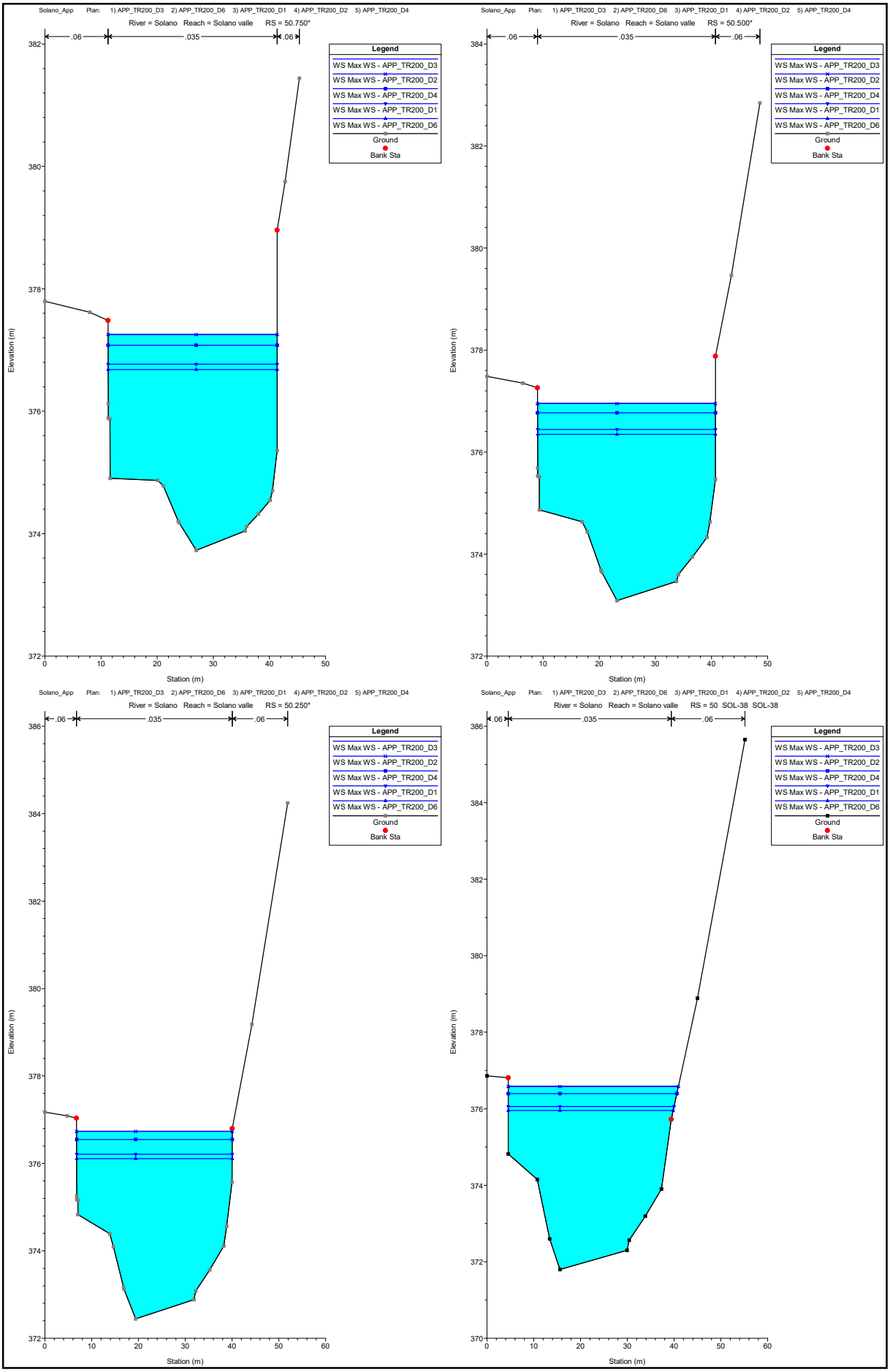

Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 60 SOL-48 SOL-48
.06
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 59.667*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 59.333*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 59 SOL-47 SOL-47
.06
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)

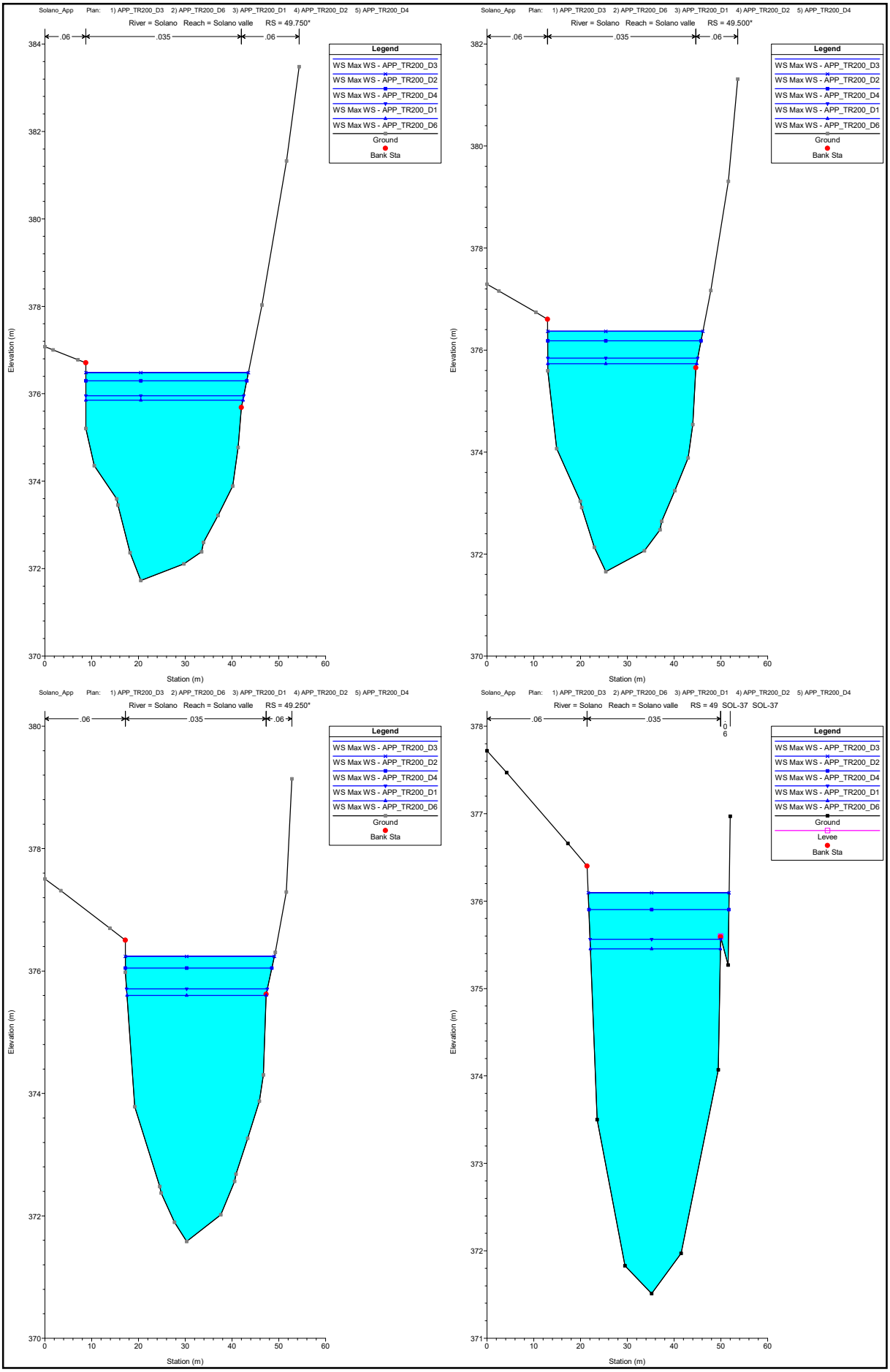

Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 58.667*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 58.333*
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 58 SOL-46 SOL-46
.035
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 57.500*
.035
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)

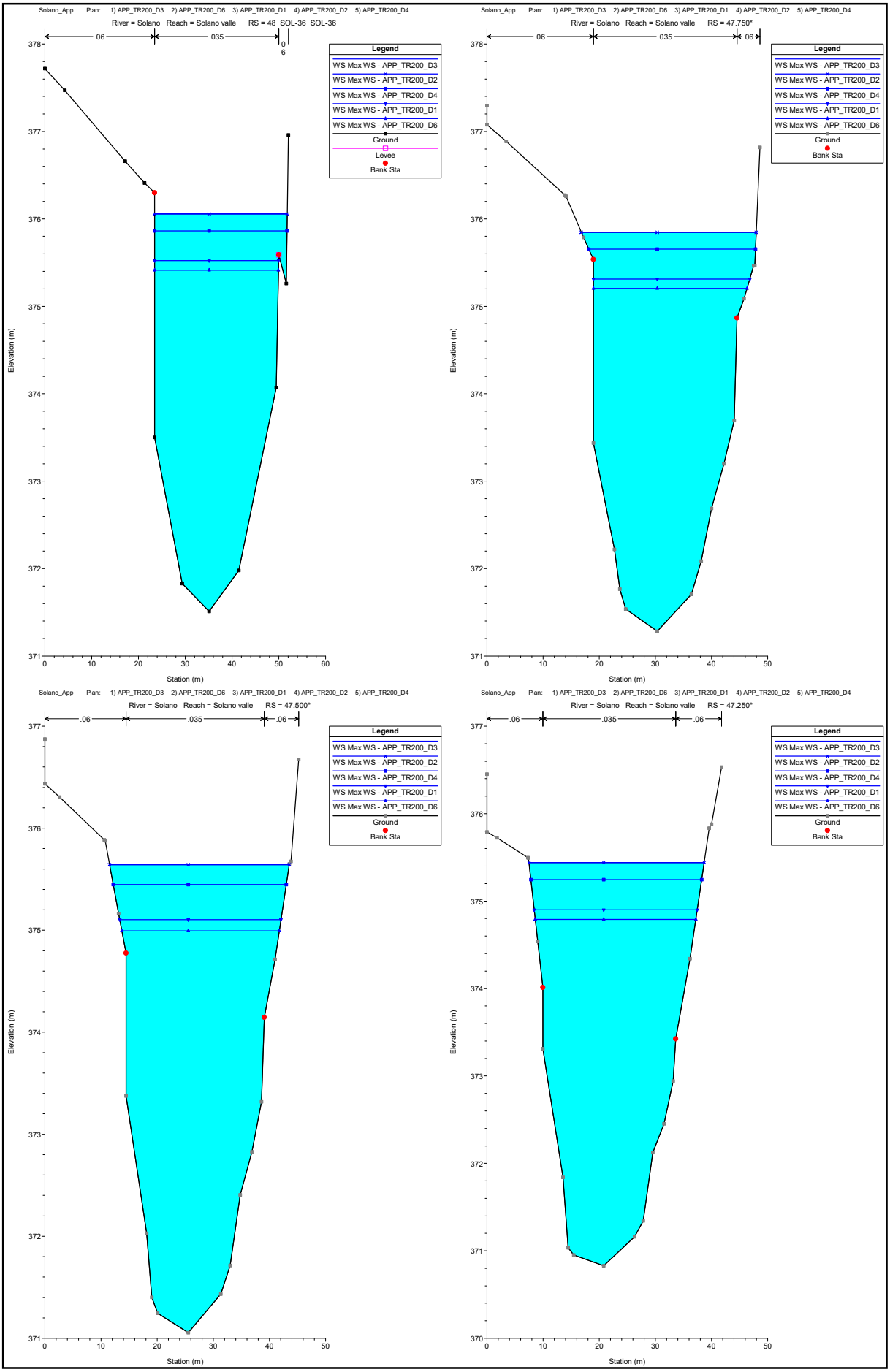

Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 57 SOL-45 SOL-45
.06
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 56.500*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 56 SOL-44 SOL-44
.06
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 55.500*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)

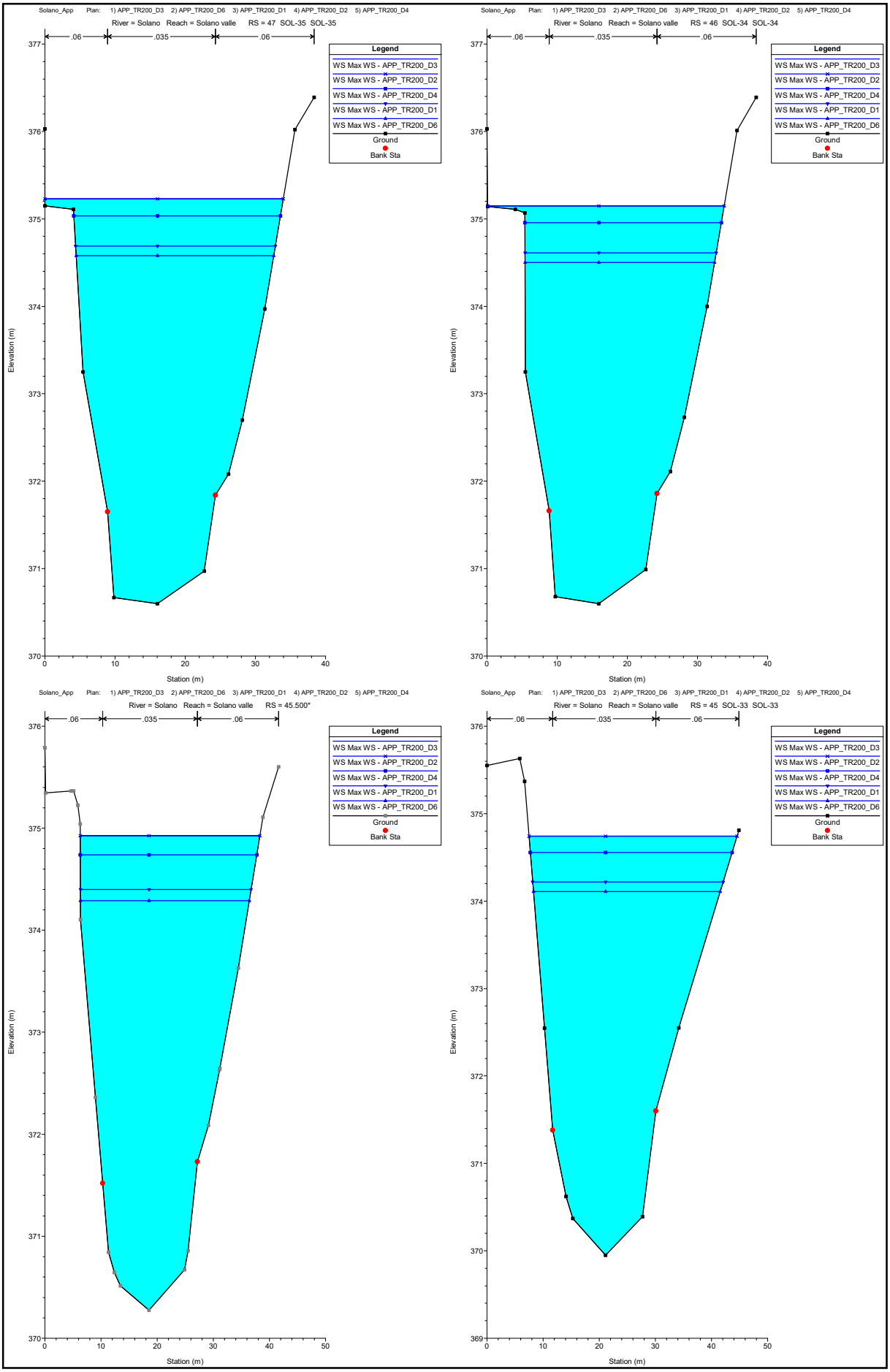

Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 55 SOL-43 SOL-43
.06
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 54.500*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 54 SOL-42 SOL-42
.06
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 53.5 BR
.06
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)

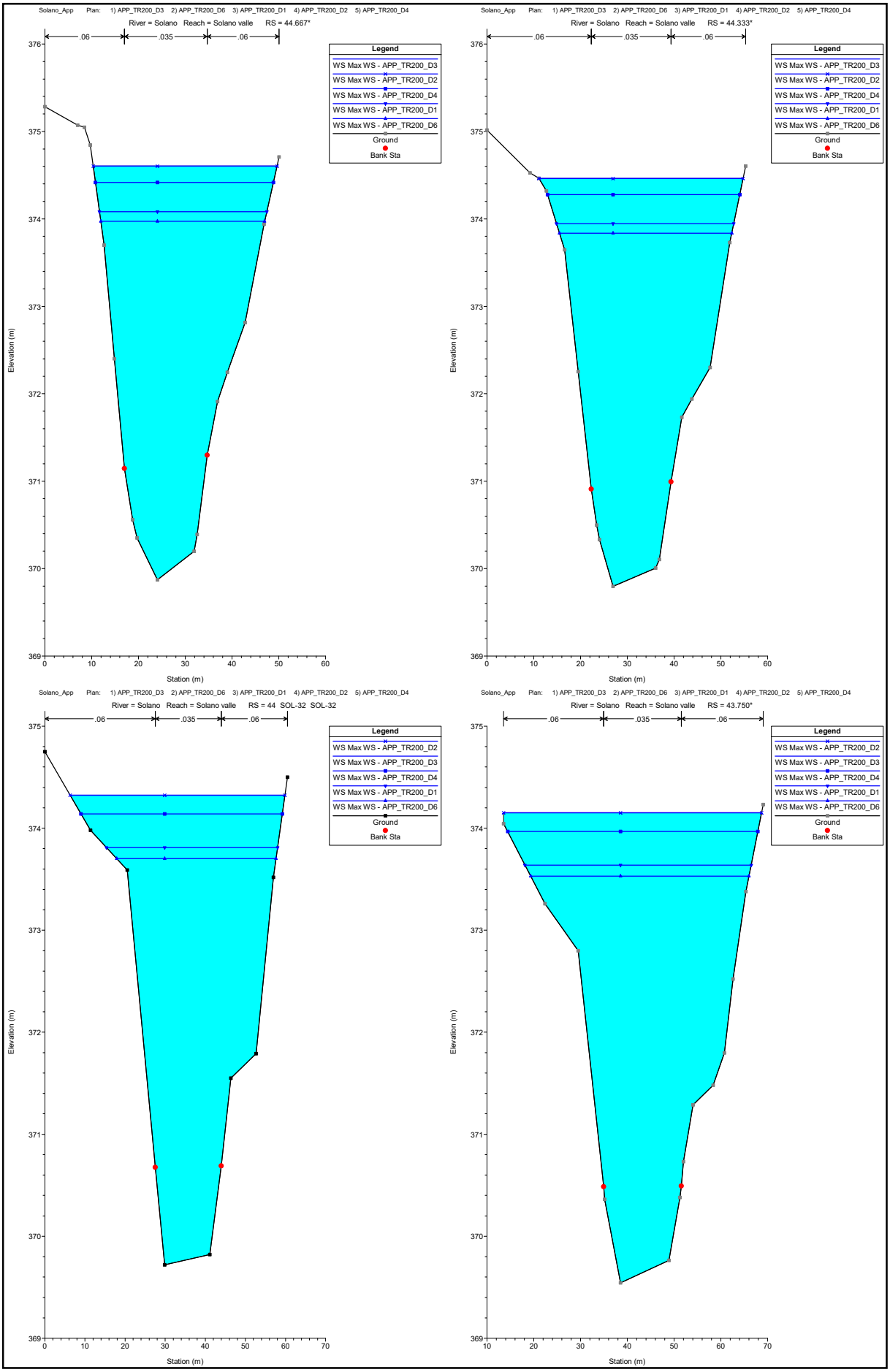

Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 53.5 BR
.035
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 53 SOL-41 SOL-41
.035
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 52 SOL-40 SOL-40
.06
.035
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 51 SOL-39 SOL-39
.06
.035
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)

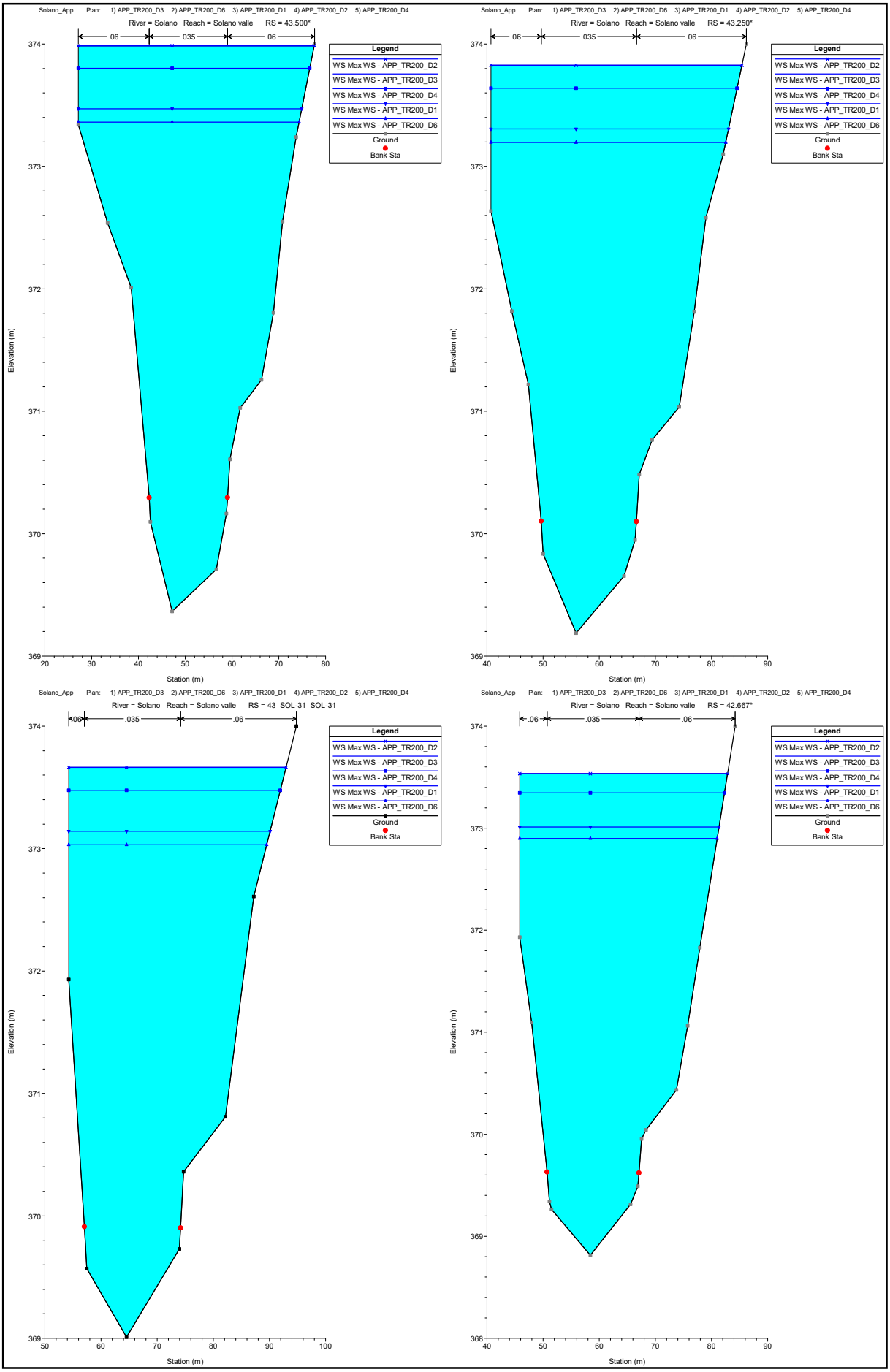

Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 50.750*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 50.500*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 50.250*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 50 SOL-38 SOL-38
.06
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)

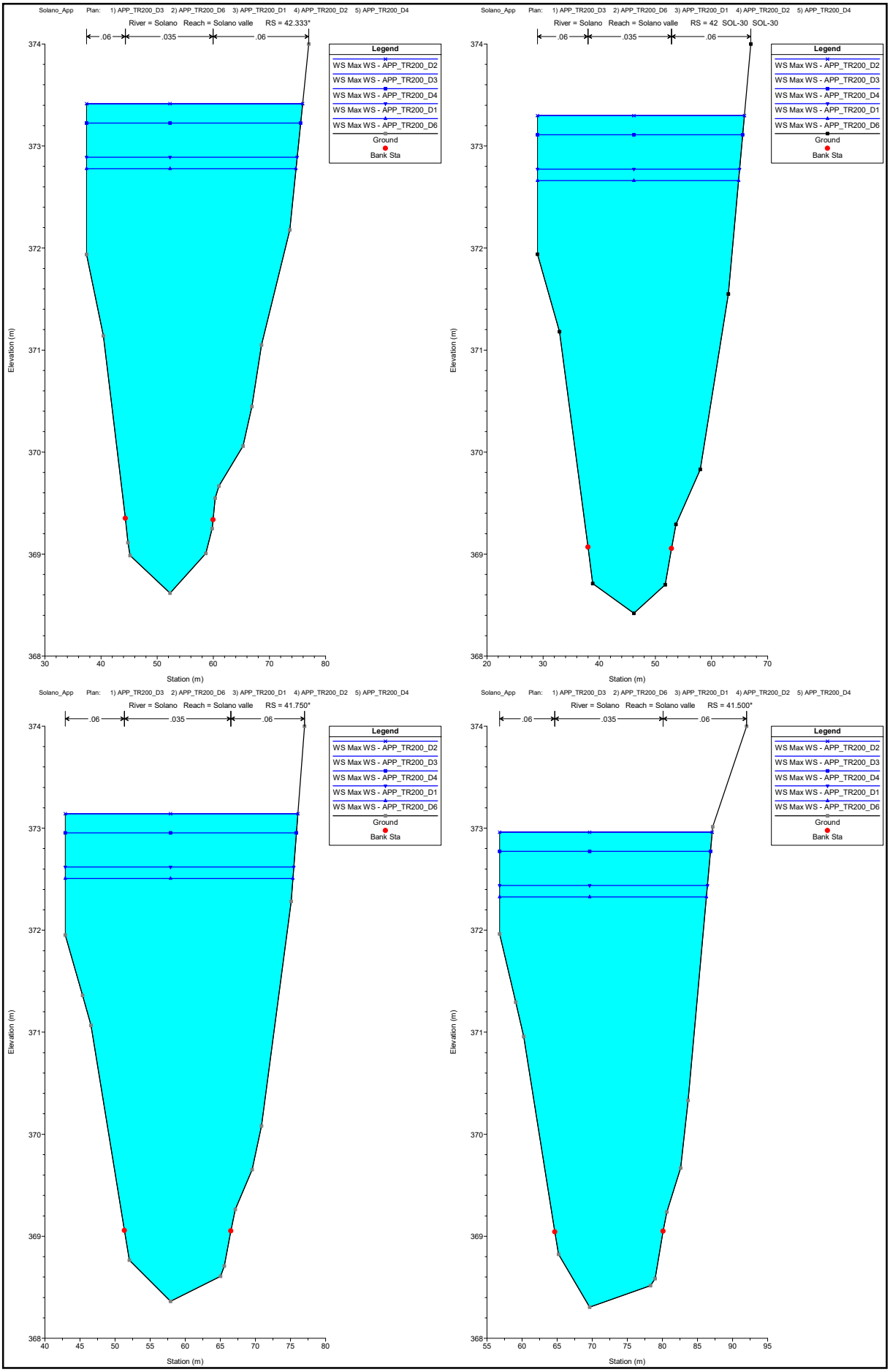

Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 49.750*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 49.500*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 49.250*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 49 SOL-37 SOL-37
.06
.035
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)

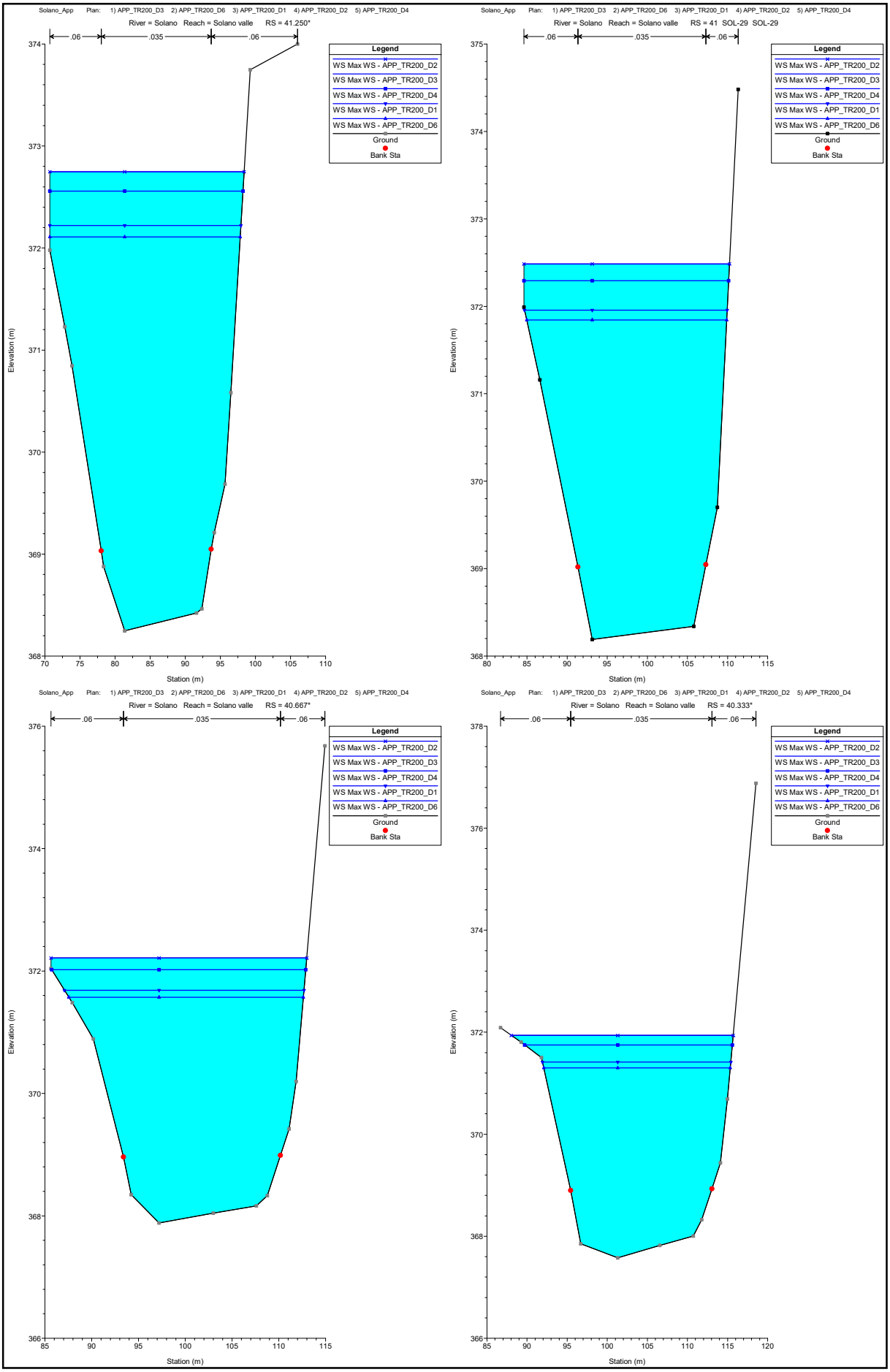

Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 48 SOL-36 SOL-36
.06
.035
0
6
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 47.750*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 47.500*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 47.250*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)

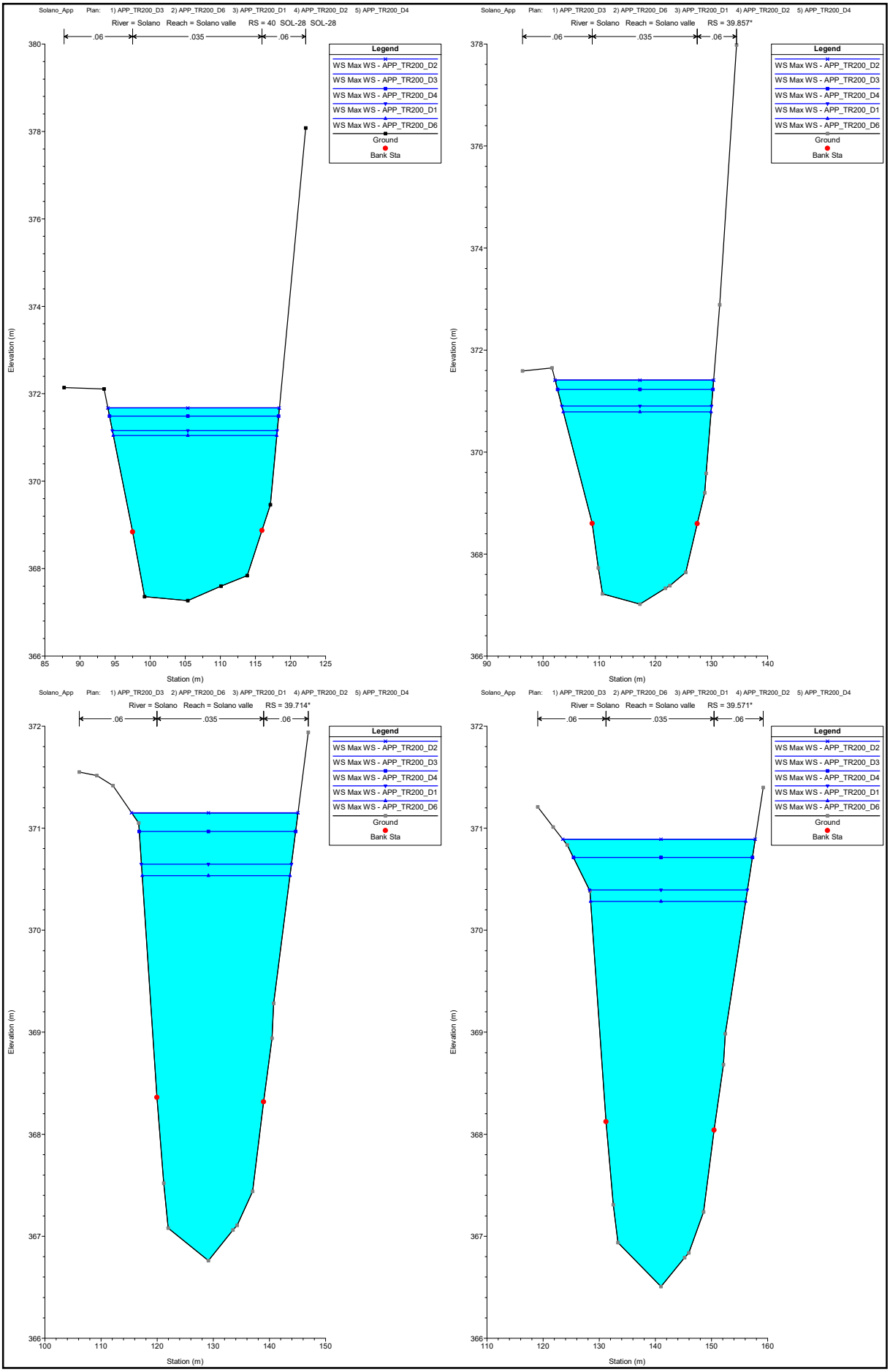

Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 47 SOL-35 SOL-35
.06 .035 .06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 46 SOL-34 SOL-34
.06 .035 .06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 45.500*
.06 .035 .06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 45 SOL-33 SOL-33
.06 .035 .06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)

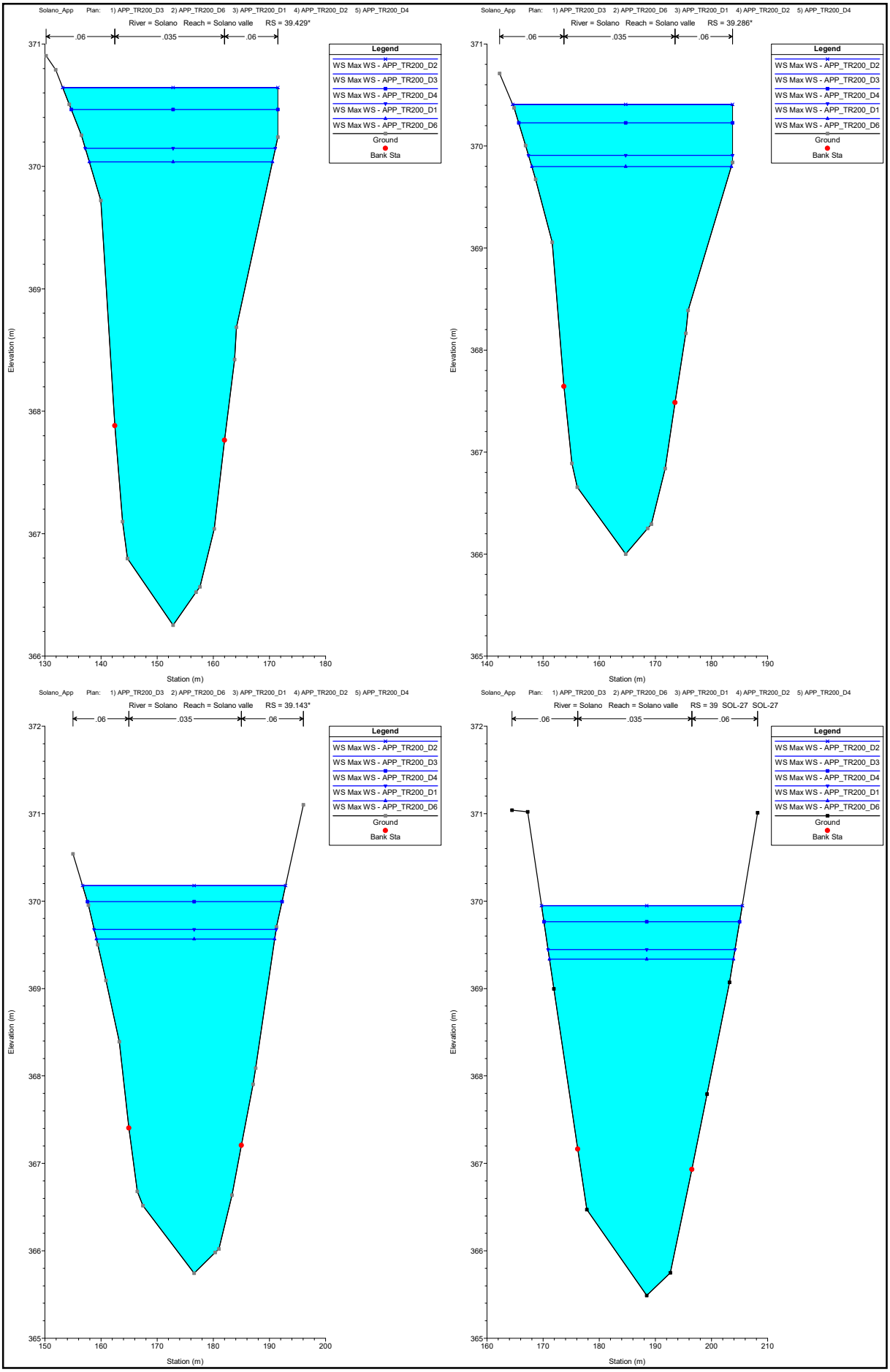

Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 44.667*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 44.333*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 44 SOL-32 SOL-32
.06
.035
.06
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 43.750*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)

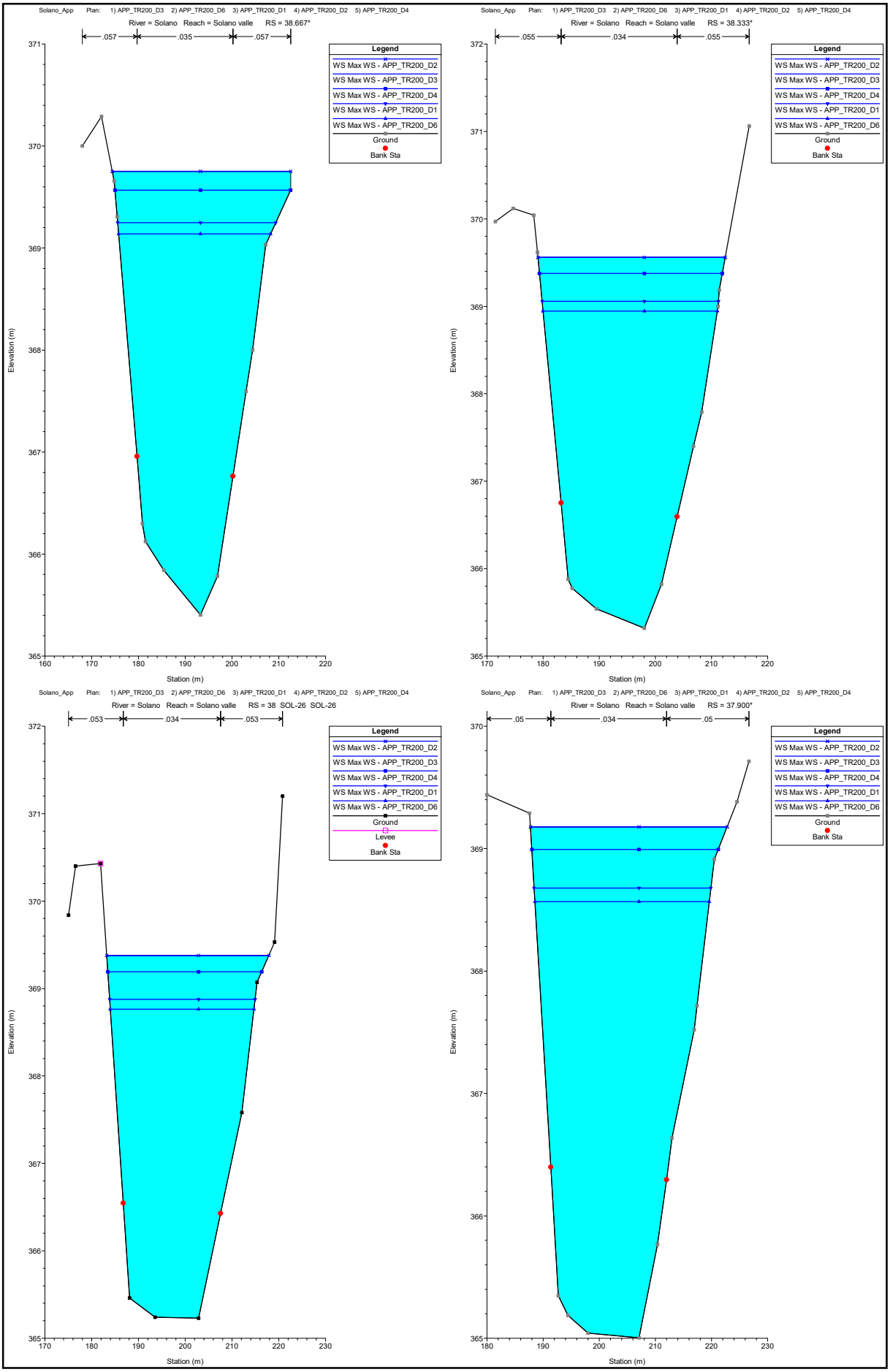

Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 43.500*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 43.250*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 43 SOL-31 SOL-31
.06
.035
.06
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 42.667*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)

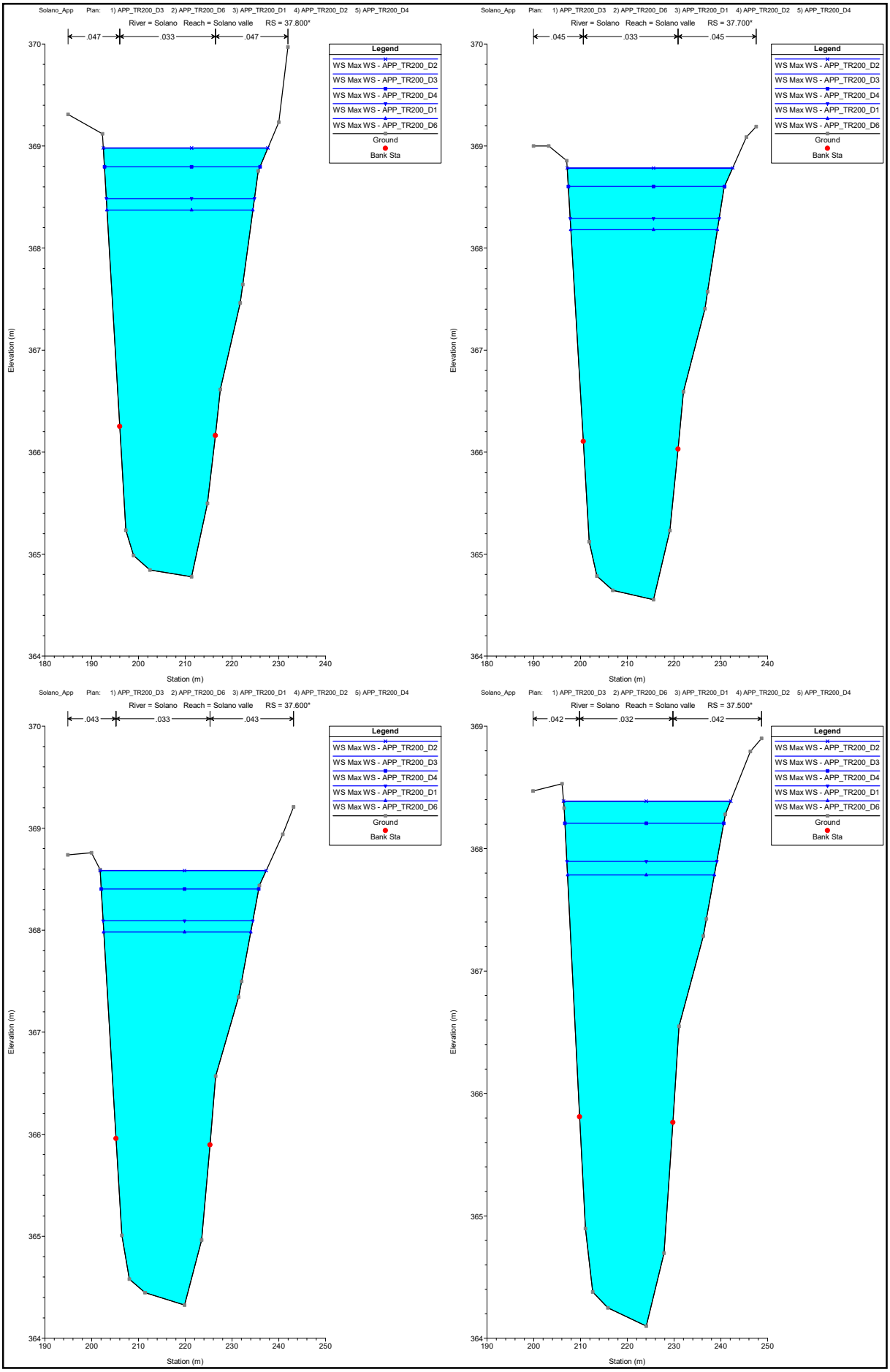

Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 42.333*
.06 .035 .06
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 42 SOL-30 SOL-30
.06 .035 .06
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 41.750*
.06 .035 .06
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 41.500*
.06 .035 .06
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)


Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 41.250*
.06 .035 .06
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 41 SOL-29 SOL-29
.06 .035 .06
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 40.667*
.06 .035 .06
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 40.333*
.06 .035 .06
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)


Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 40 SOL-28 SOL-28
.06 .035 .06
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 39.857*
.06 .035 .06
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 39.714*
.06 .035 .06
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 39.571*
.06 .035 .06
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)


Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 39.429*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 39.286*
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 39.143*
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 39 SOL-27 SOL-27
Elevation (m)
Station (m)


Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 38.667*
.057
.035
.057
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 38.333*
.055
.034
.055
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 38 SOL-26 SOL-26
.053
.034
.053
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 37.900*
.05
.034
.05
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)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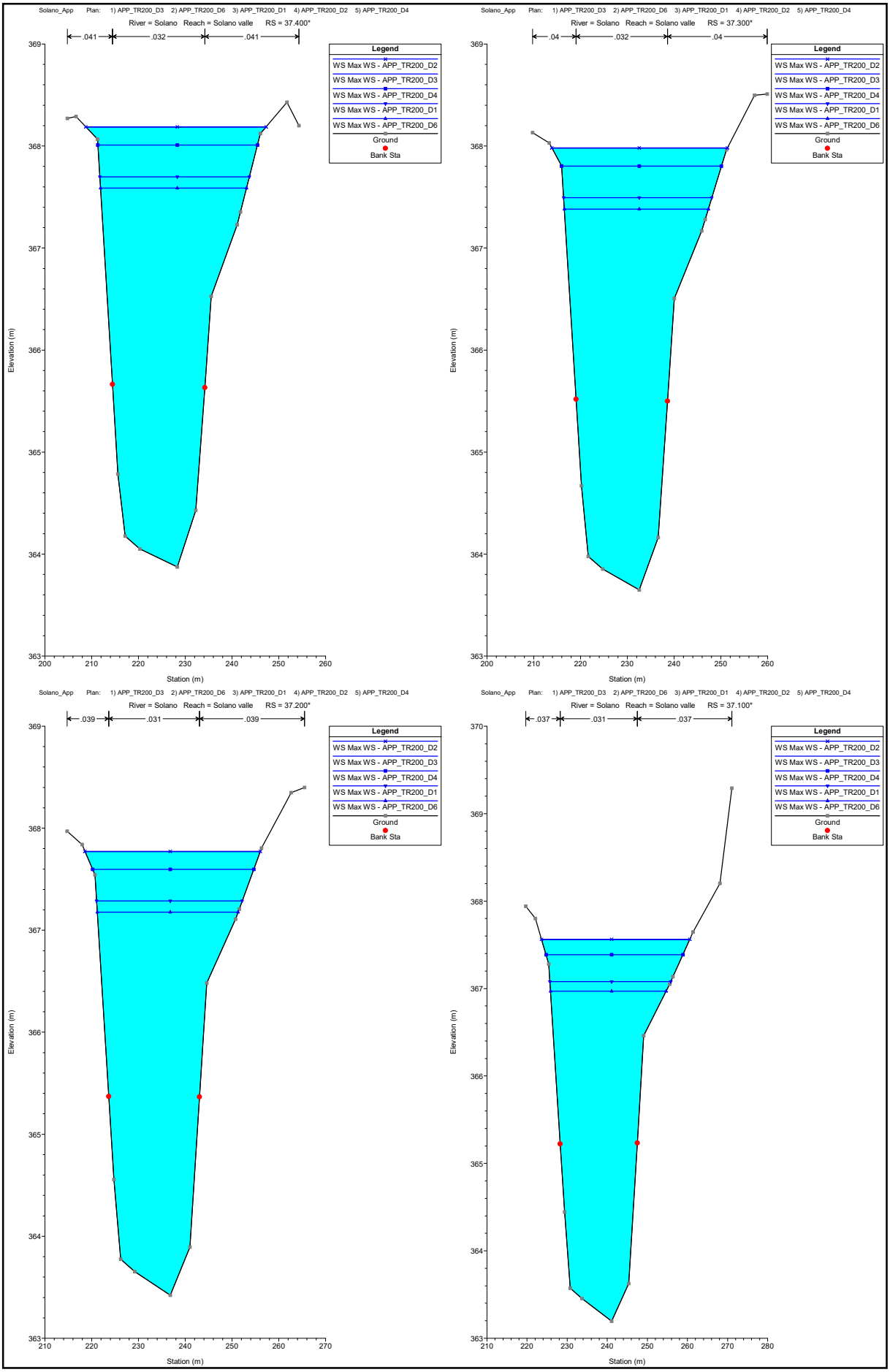
River = Solano Reach = Solano valle RS = 37.800*
.047
.033
.047
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 37.700*
.045
.033
.045
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 37.600*
.043
.033
.043
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 37.500*
.042
.032
.042
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)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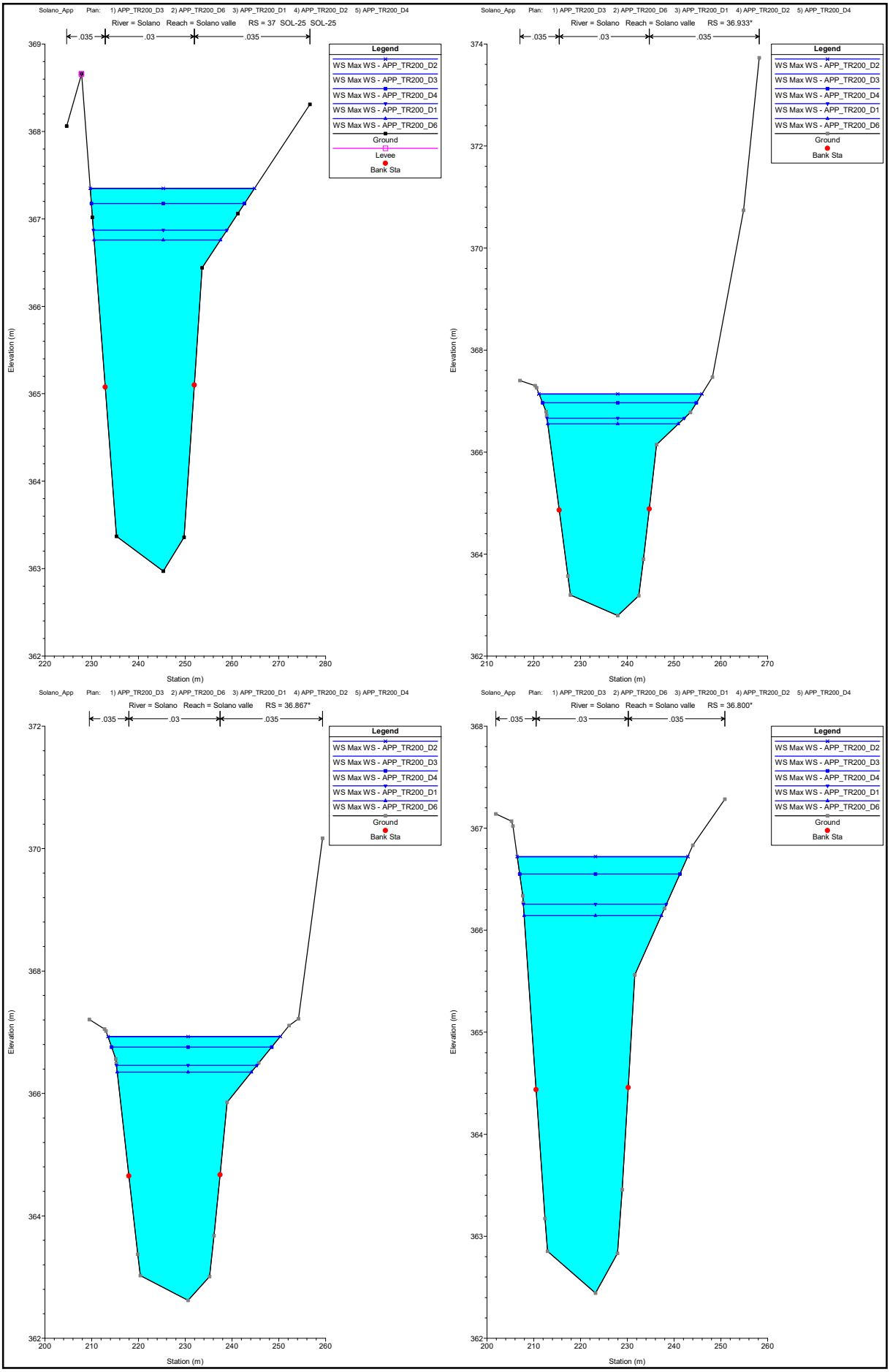
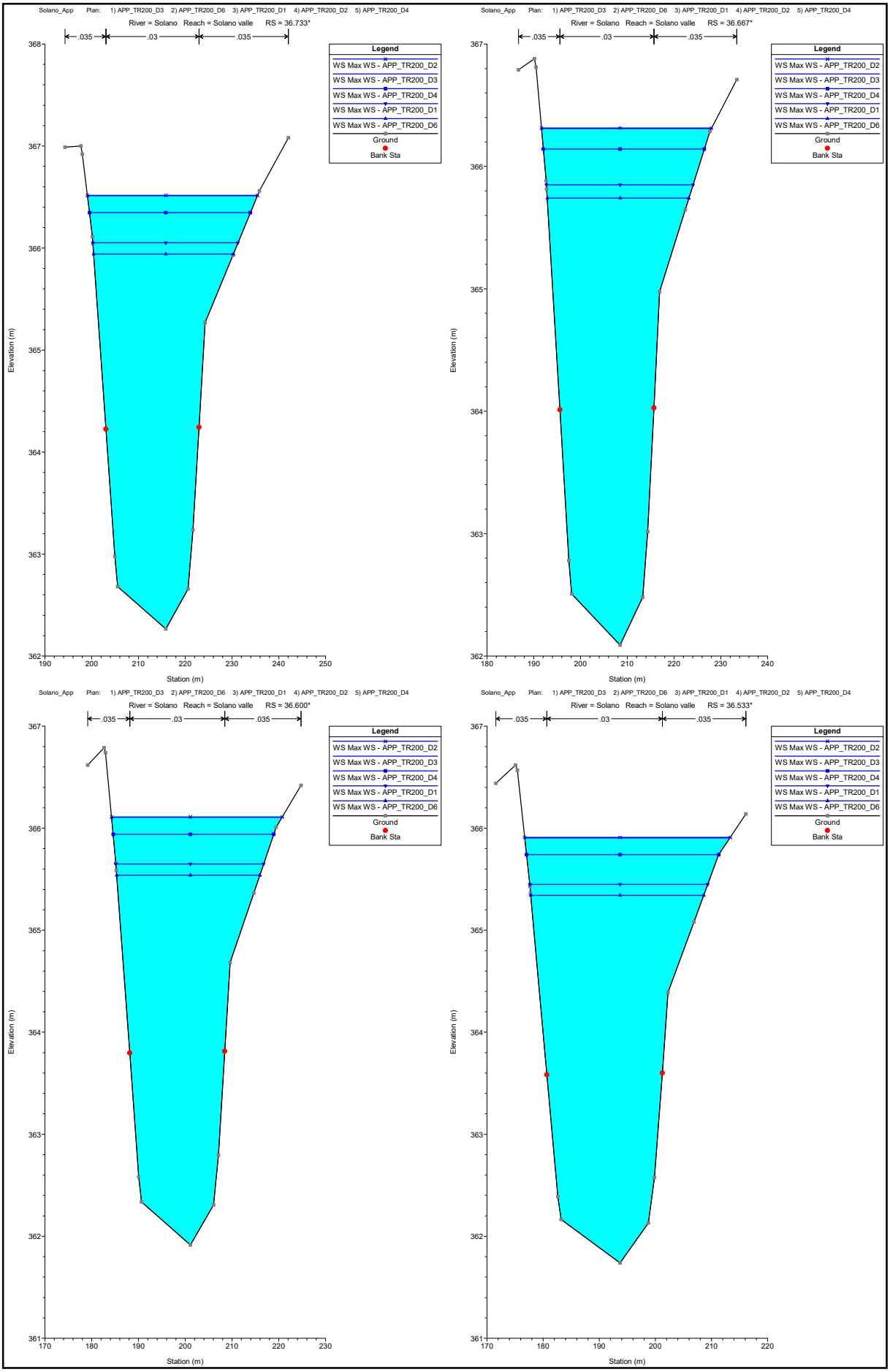
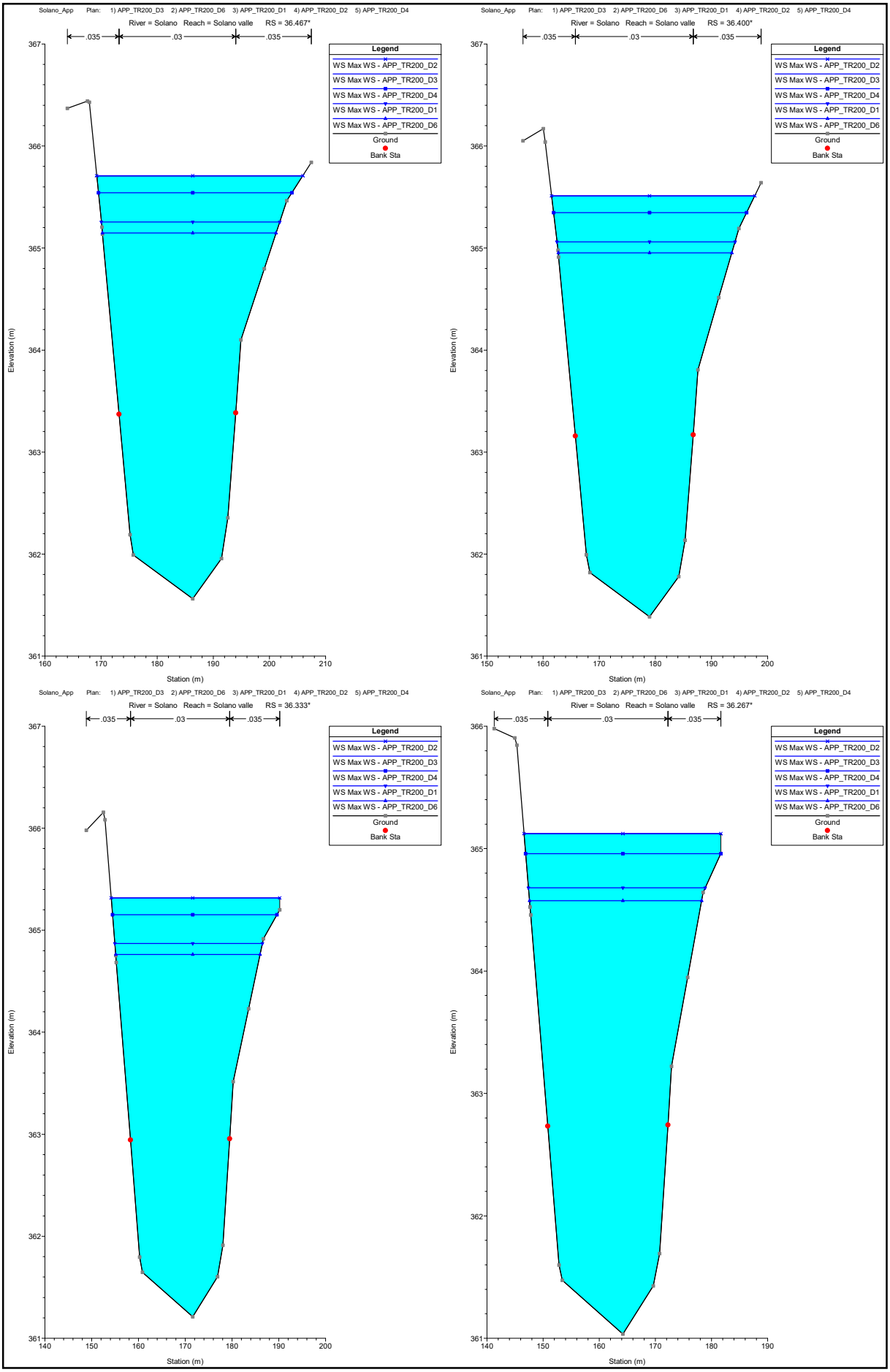
River = Solano Reach = Solano valle RS = 37.400*
.041
.032
.041
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 37.300*
.04
.032
.04
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 37.200*
.039
.031
.039
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 37.100*
.037
.031
.037
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)


Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 37 SOL-25 SOL-25
.035
.03
.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 36.933*
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 36.867*
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 36.800*
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)


Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 36.733*
.035 .03 .035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 36.667*
.035 .03 .035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 36.600*
.035 .03 .035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 36.533*
.035 .03 .035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)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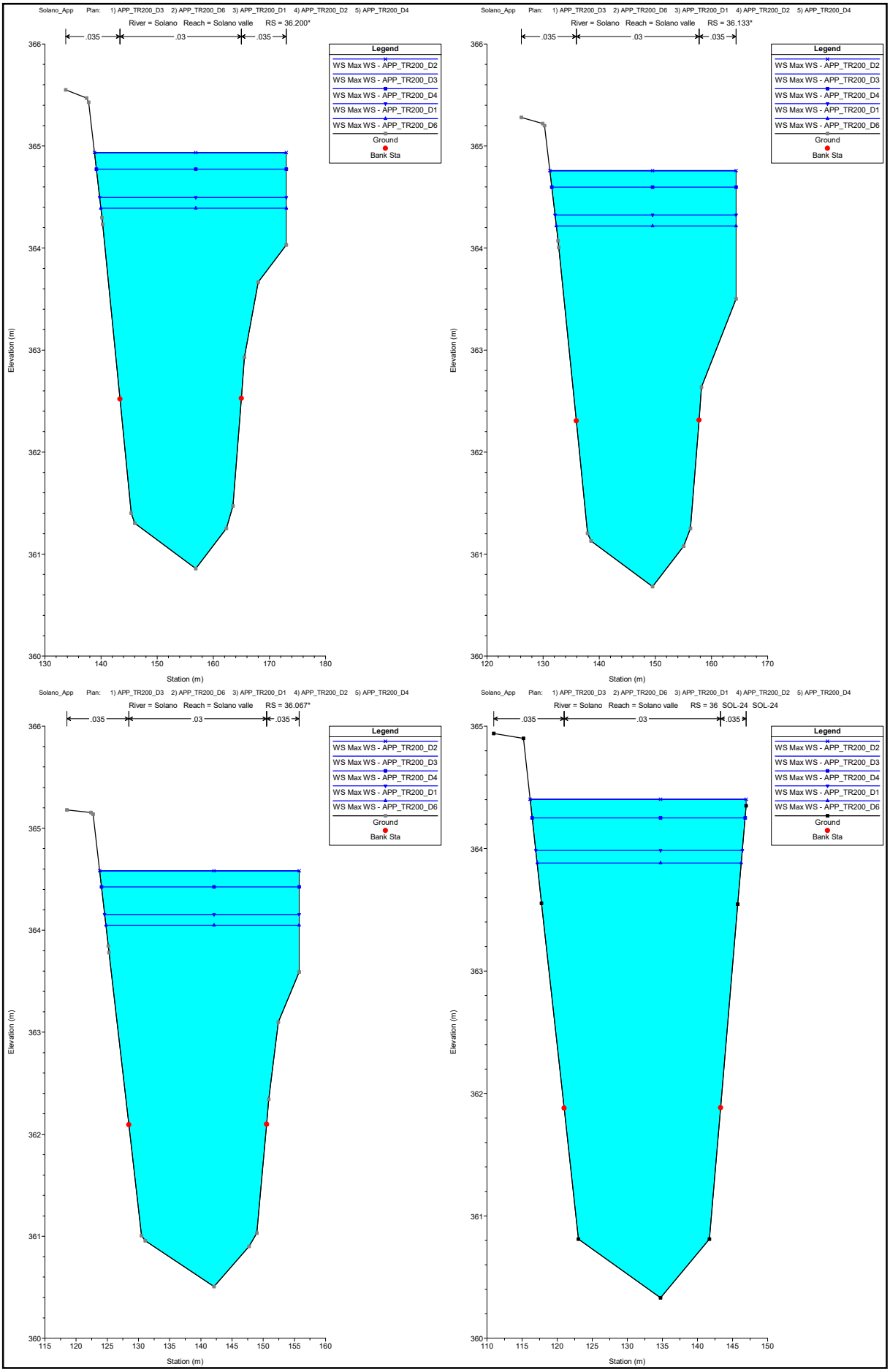
River = Solano Reach = Solano valle RS = 36.467*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 36.400*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 36.333*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 36.267*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)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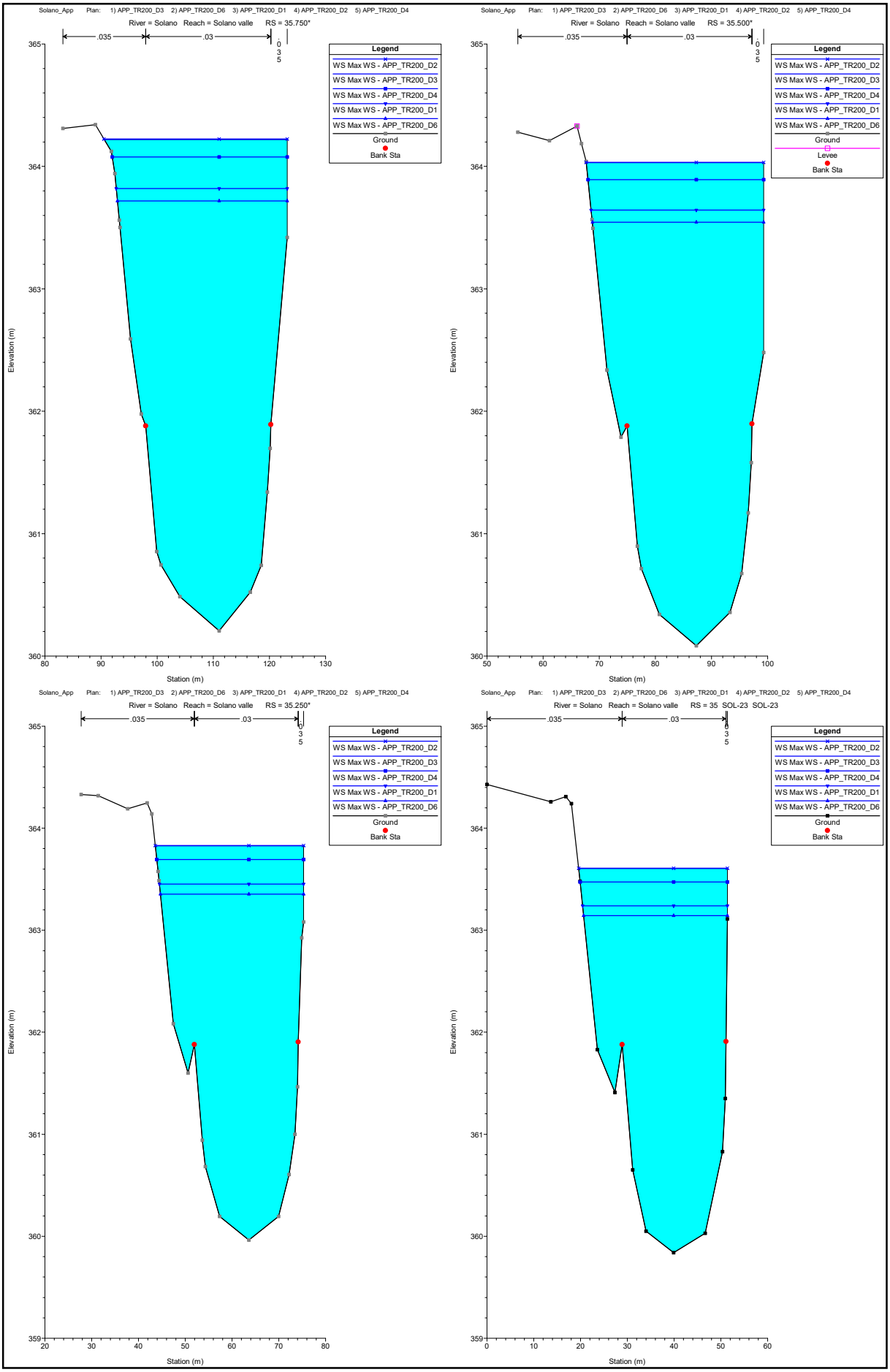
River = Solano Reach = Solano valle RS = 36.200*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 36.133*
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 36.067*
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 36 SOL-24 SOL-24
Elevation (m)
Station (m)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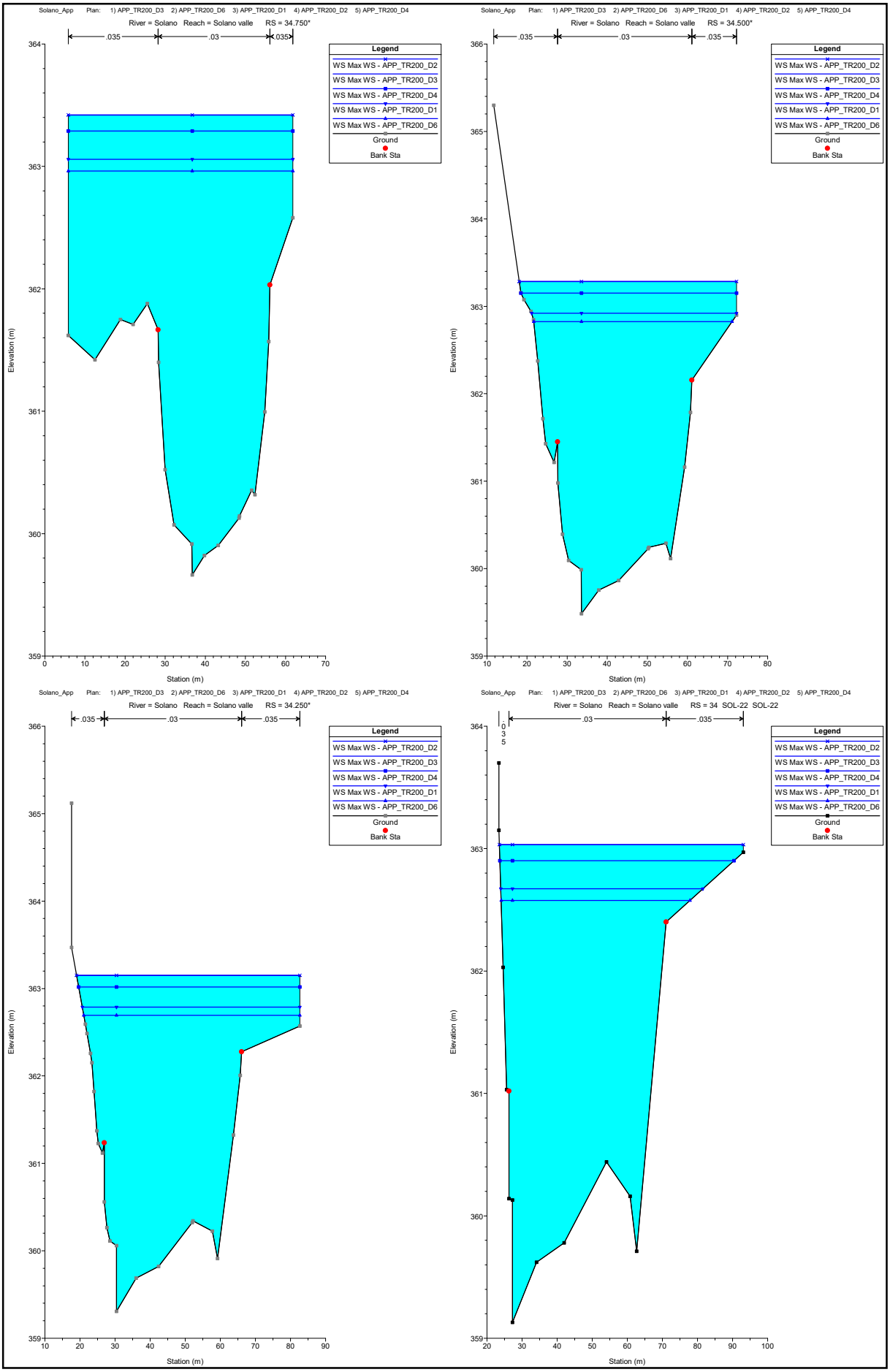
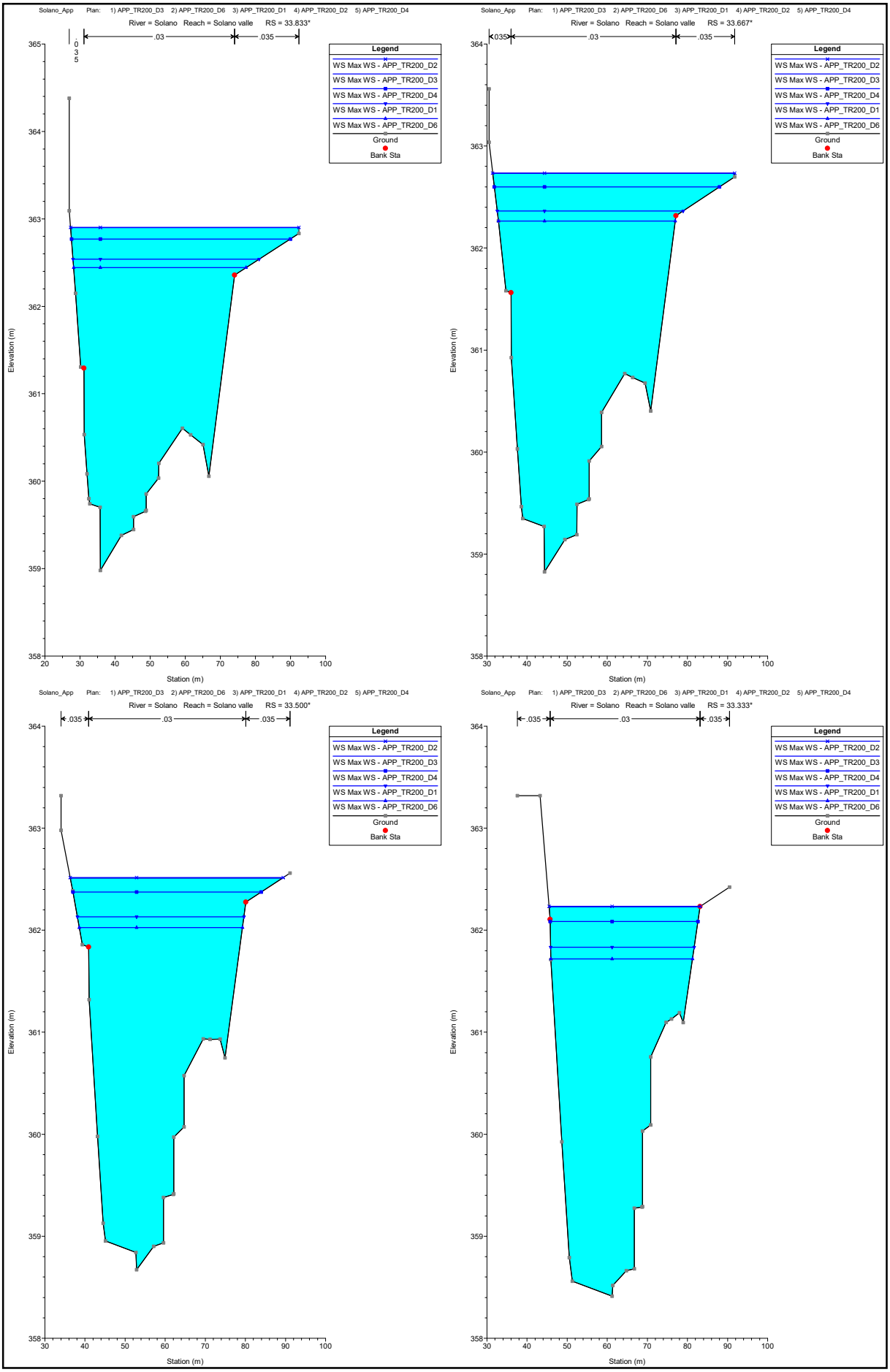
River = Solano Reach = Solano valle RS = 35.750*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 35.500*
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 35.250*
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 35 SOL-23 SOL-23
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)


Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 34.750*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 34.500*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 34.250*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 34 SOL-22 SOL-22
.03
.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)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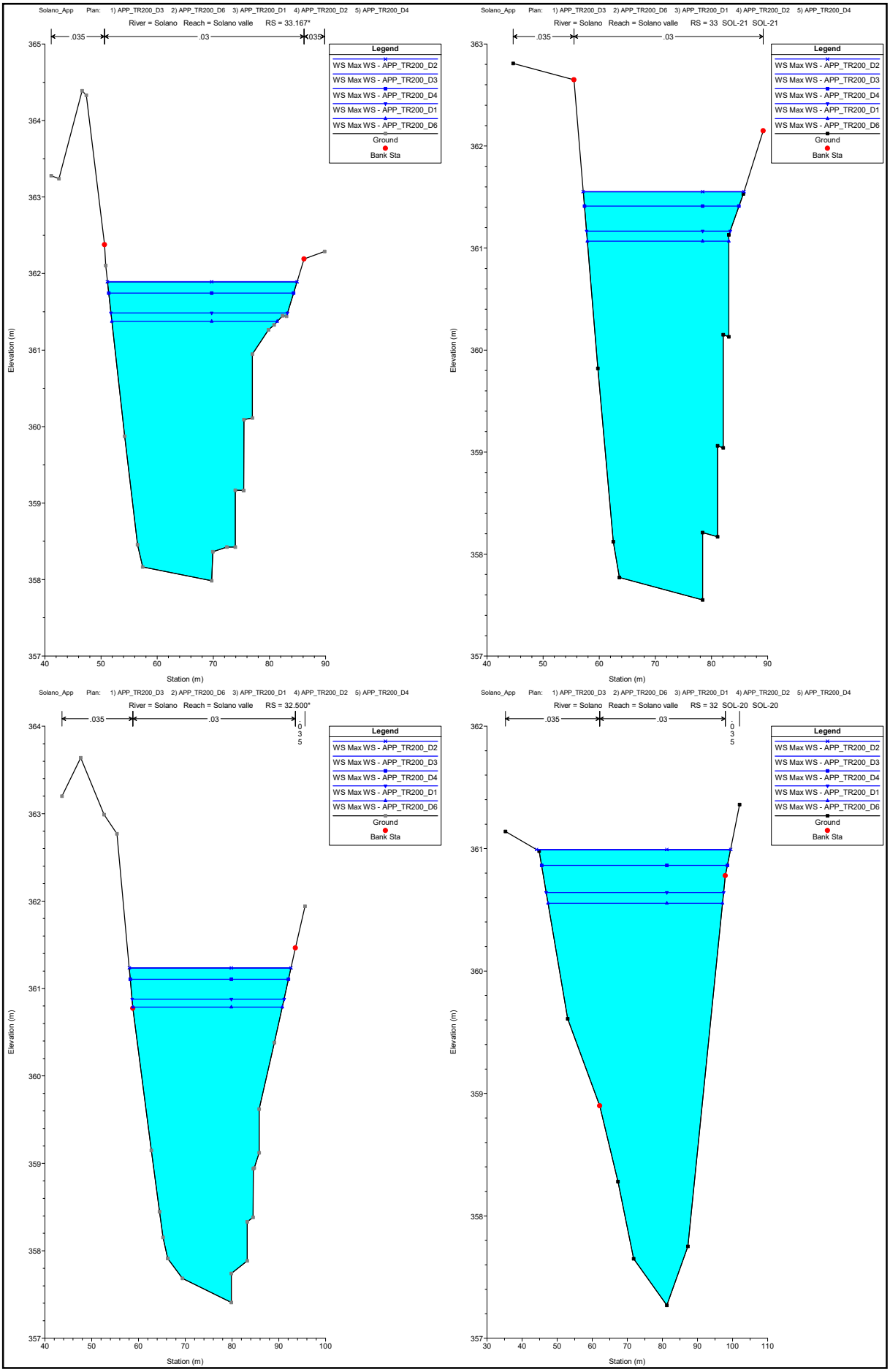
River = Solano Reach = Solano valle RS = 33.833*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 33.667*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 33.500*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 33.333*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)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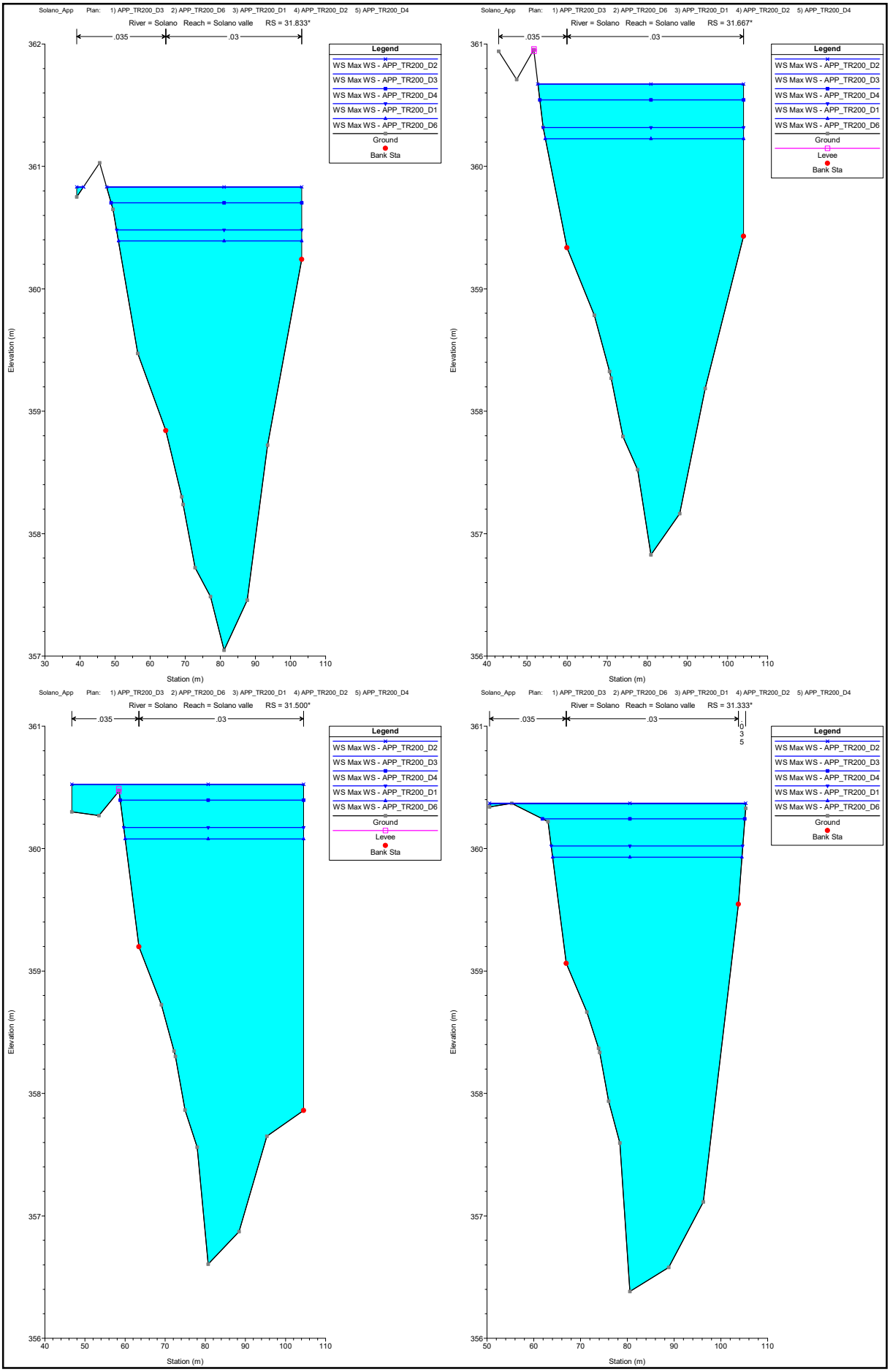
River = Solano Reach = Solano valle RS = 33.167*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 33 SOL-21 SOL-21
.035
.03
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 32.500*
.035
.03
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 32 SOL-20 SOL-20
.035
.03
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)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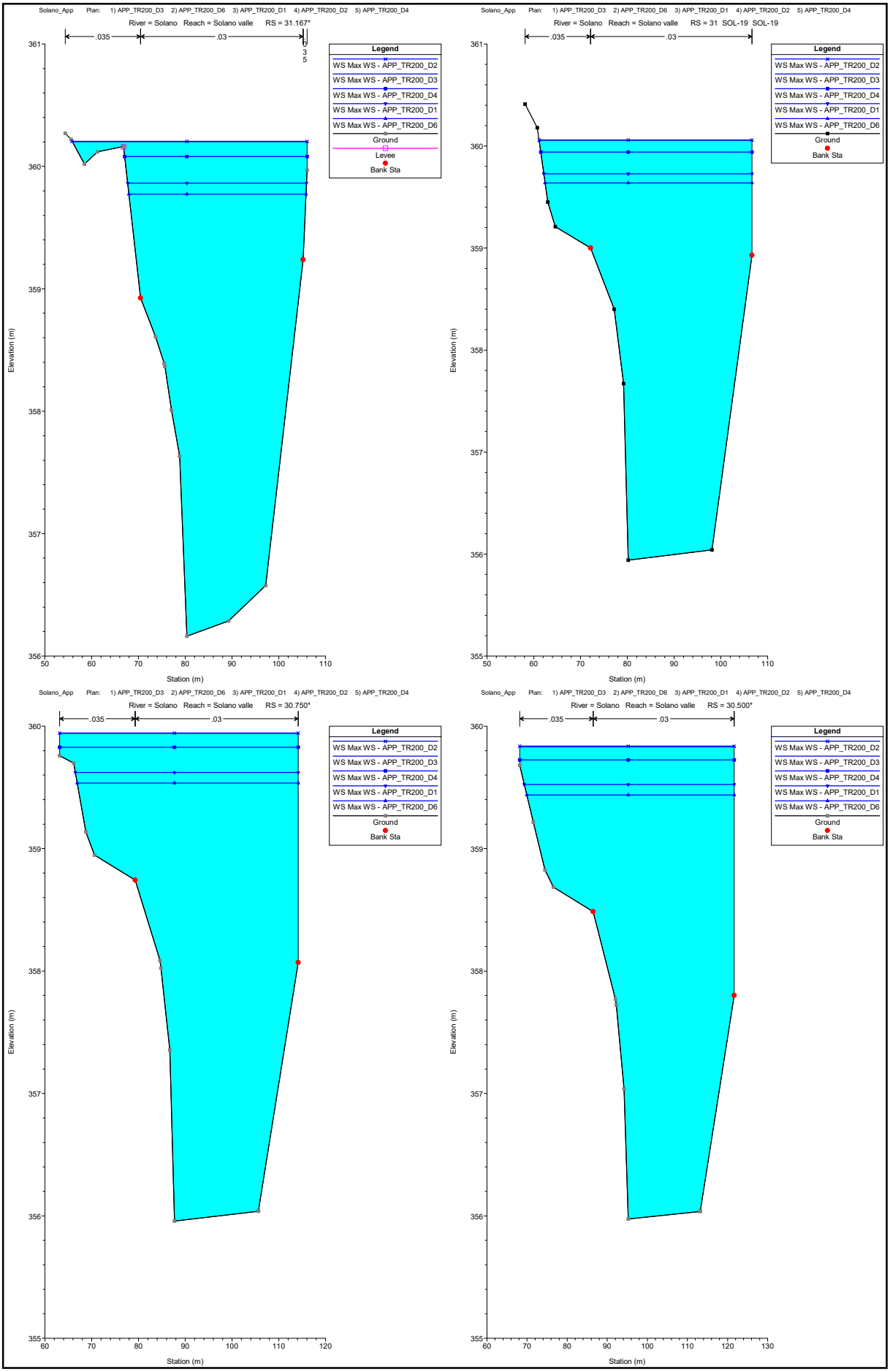
River = Solano Reach = Solano valle RS = 31.833*
.035
.03
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 31.667*
.035
.03
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 31.500*
.035
.03
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 31.333*
.035
.03
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)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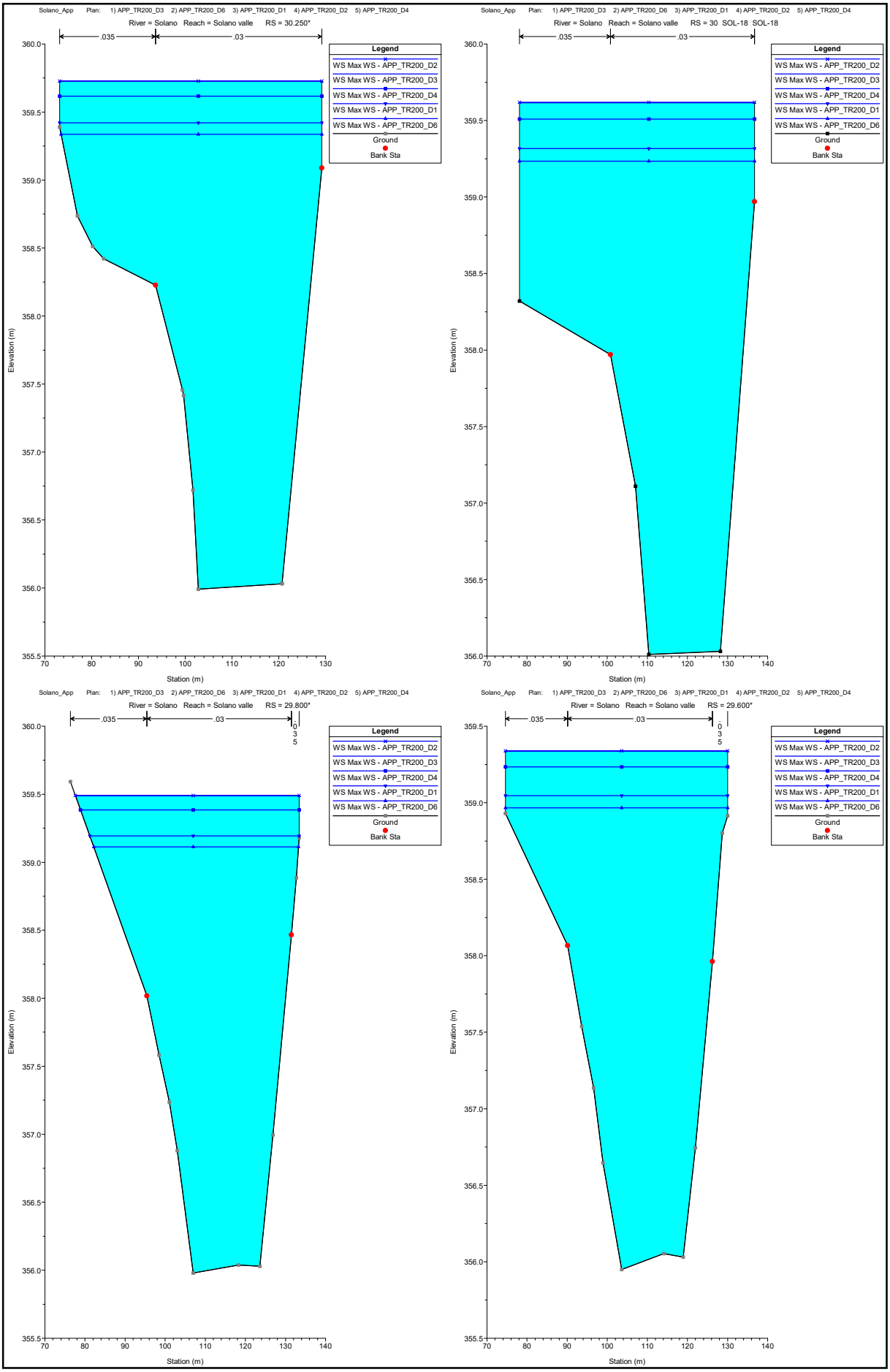
River = Solano Reach = Solano valle RS = 31.167*
.035
.03
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 31 SOL-19 SOL-19
.035
.03
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 30.750*
.035
.03
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 30.500*
.035
.03
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)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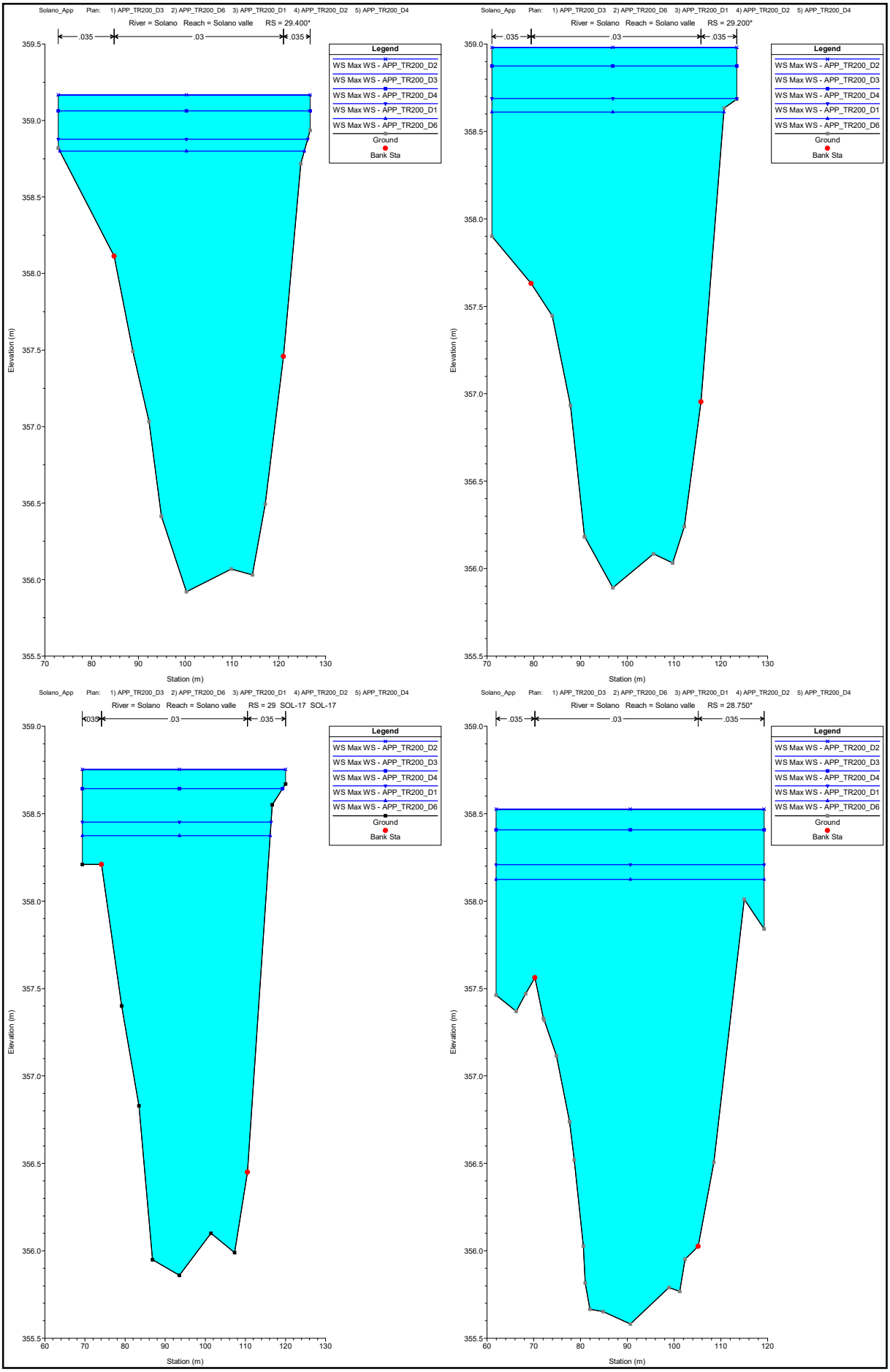
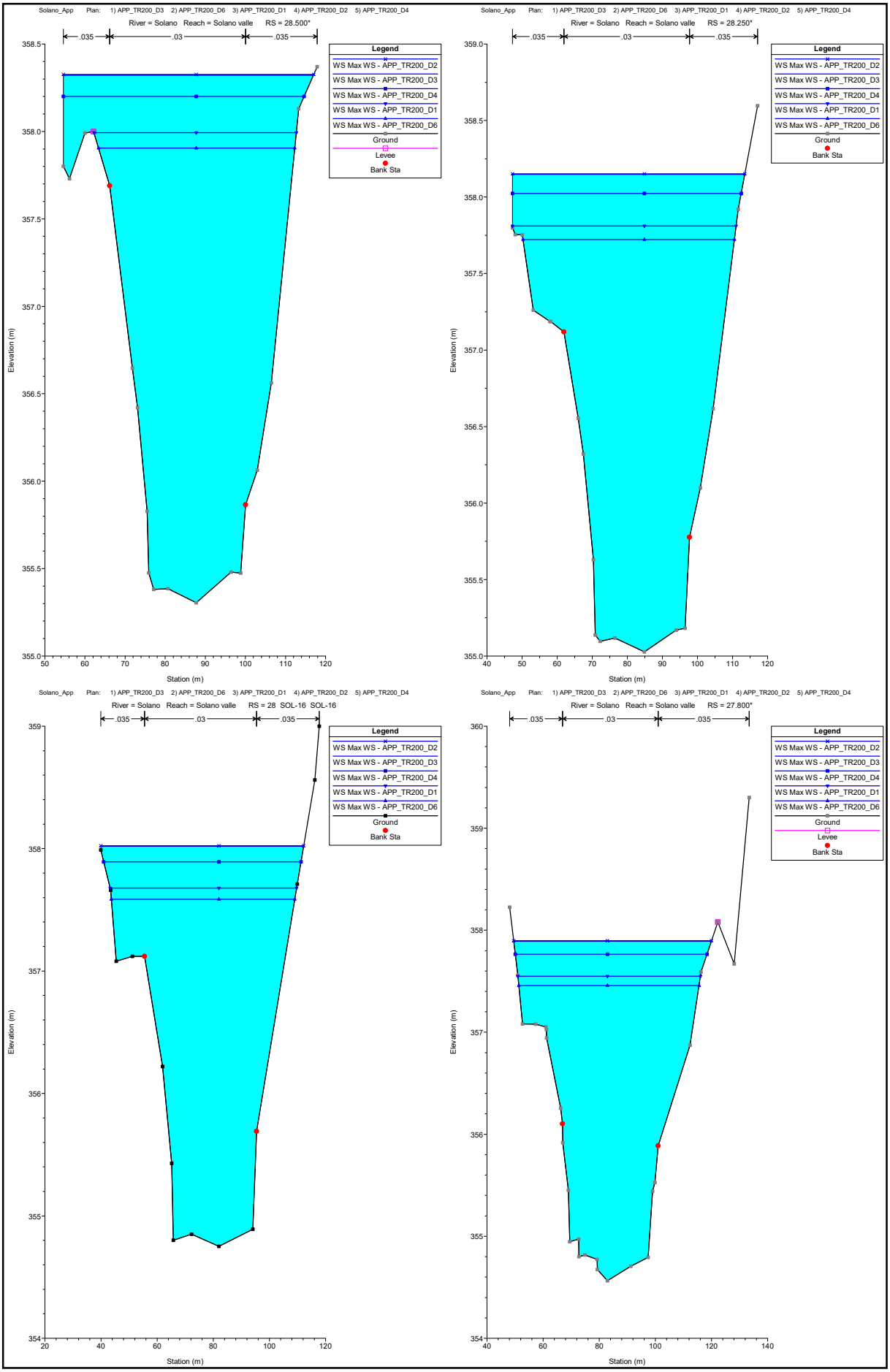
River = Solano Reach = Solano valle RS = 30.250*
.035
.03
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 30 SOL-18 SOL-18
.035
.03
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 29.800*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 29.600*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)


Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 29.400*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 29.200*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 29 SOL-17 SOL-17
.039
.03
.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 28.750*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)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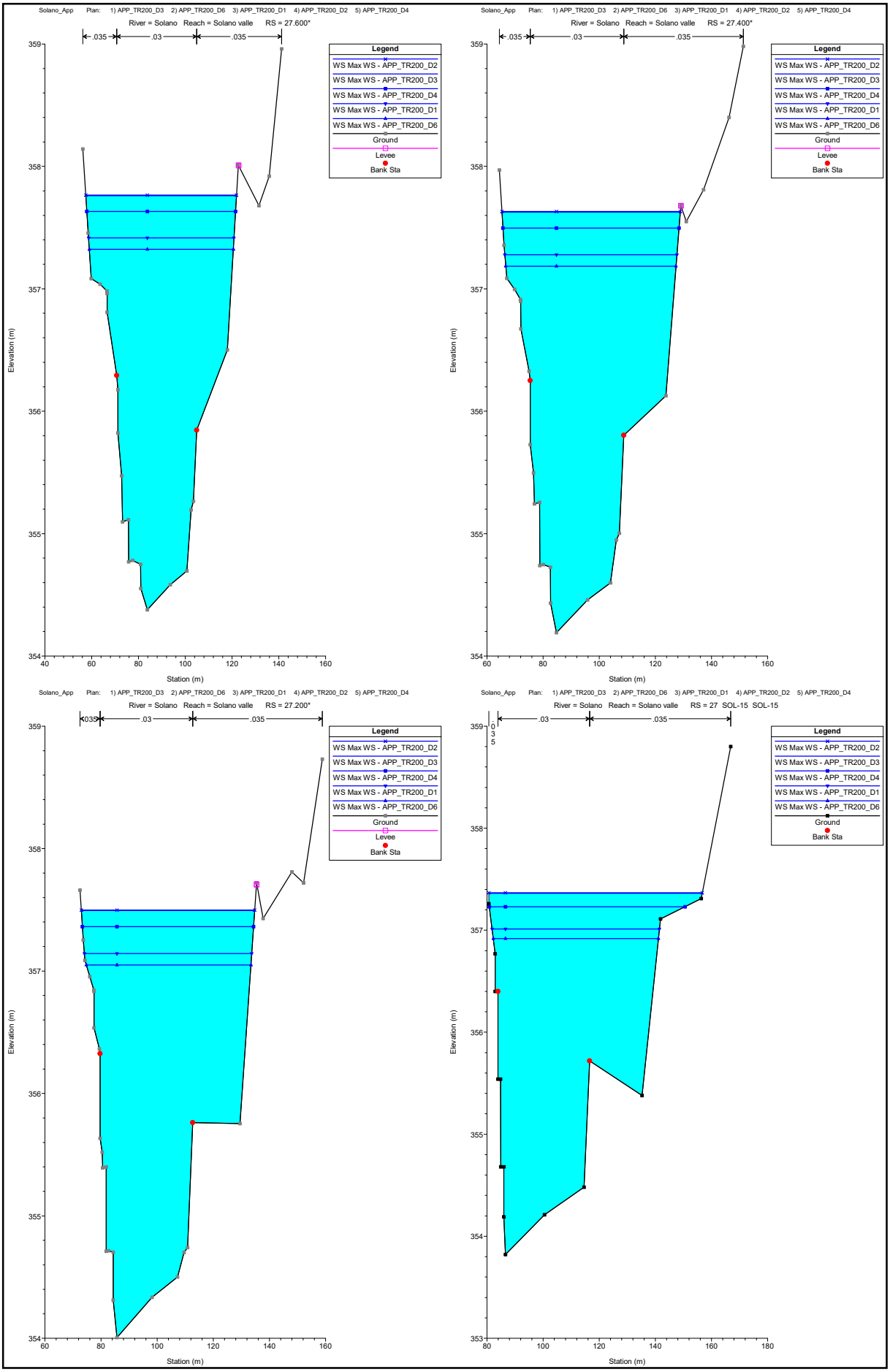
River = Solano Reach = Solano valle RS = 28.500*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 28.250*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 28 SOL-16 SOL-16
.035
.03
.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 27.800*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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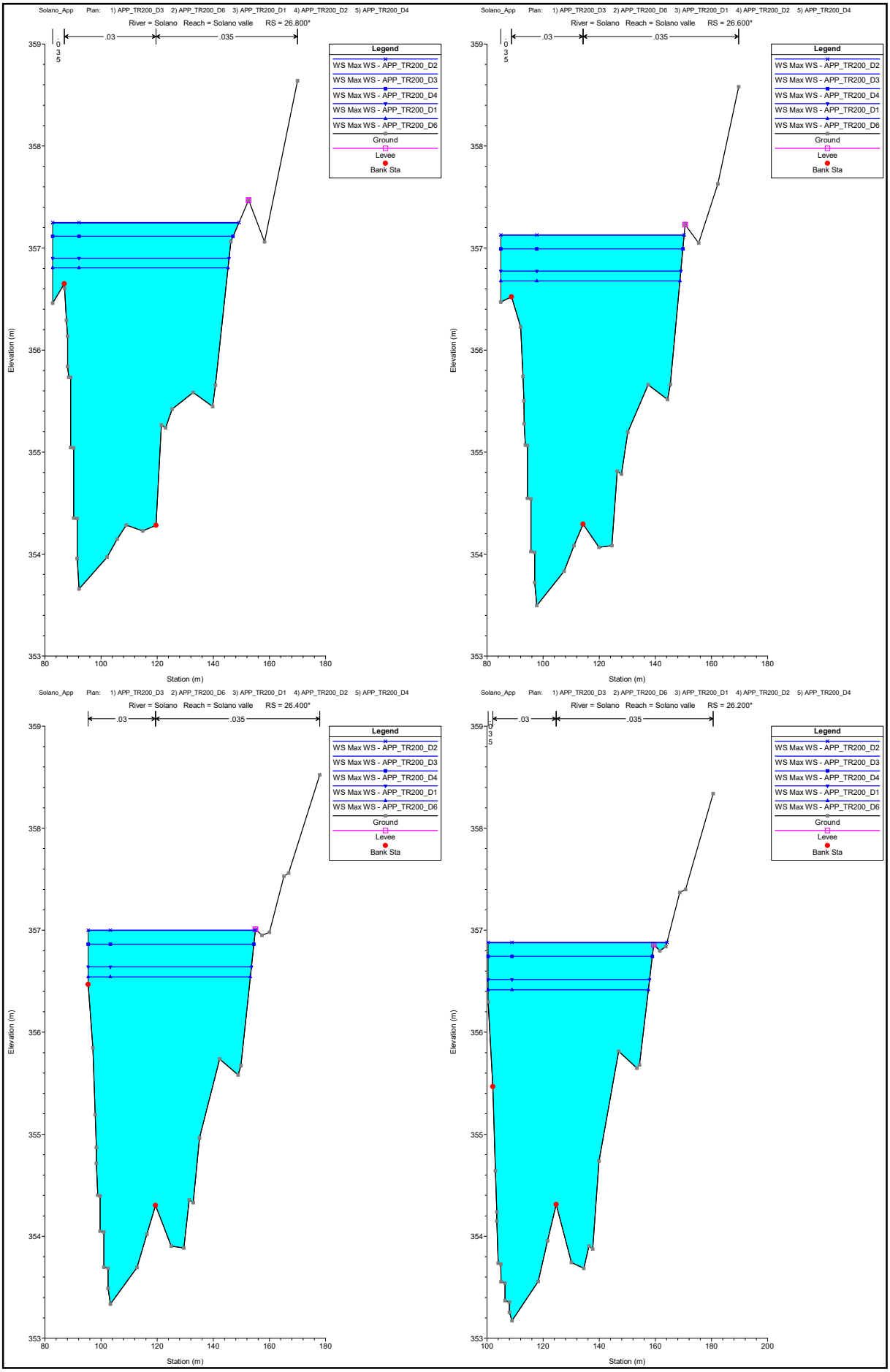
River = Solano Reach = Solano valle RS = 27.600*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 27.400*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 27.200*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 27 SOL-15 SOL-15
.03
.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)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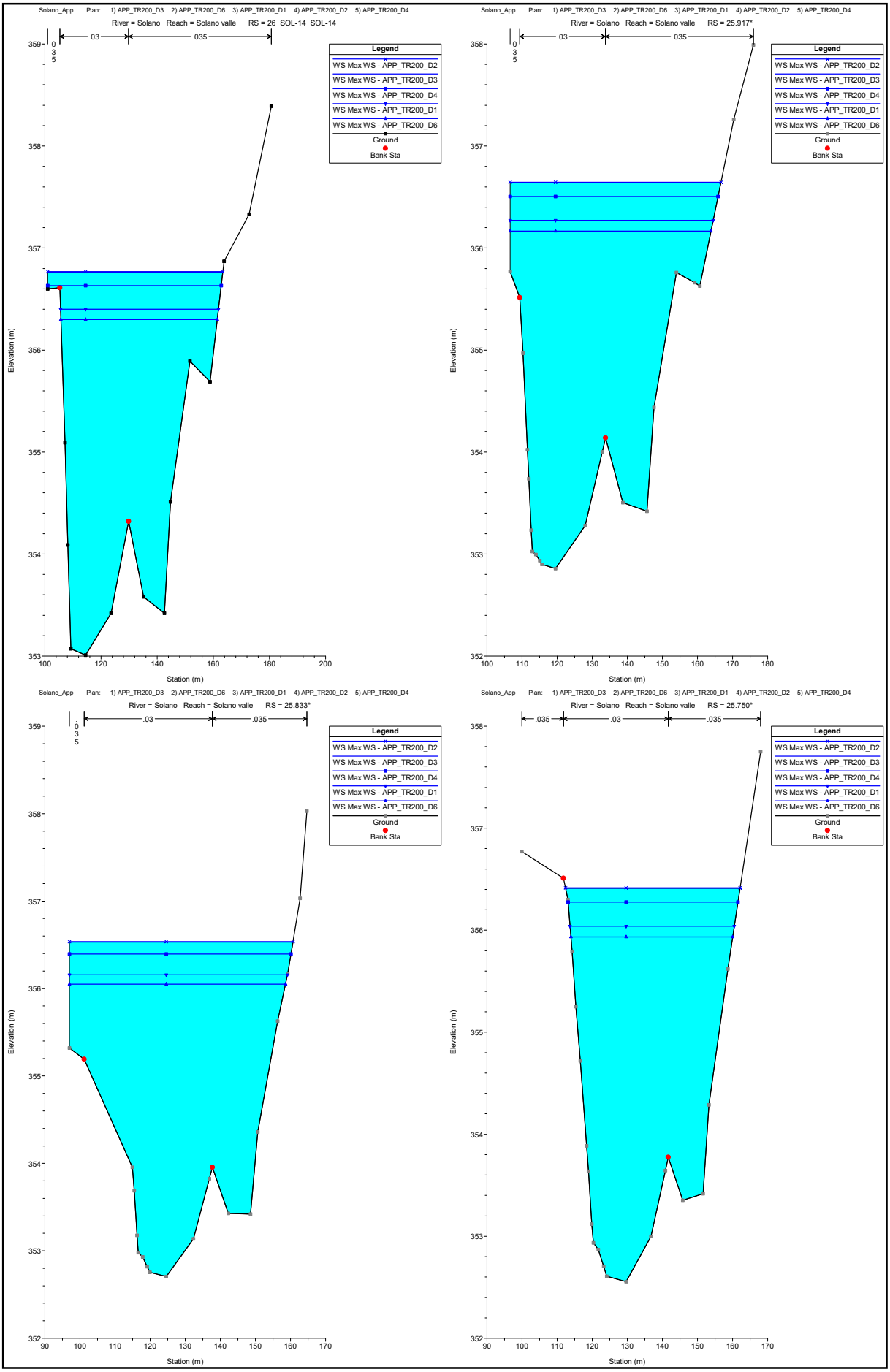
River = Solano Reach = Solano valle RS = 26.800*
.03
.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 26.600*
.03
.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 26.400*
.03
.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 26.200*
.03
.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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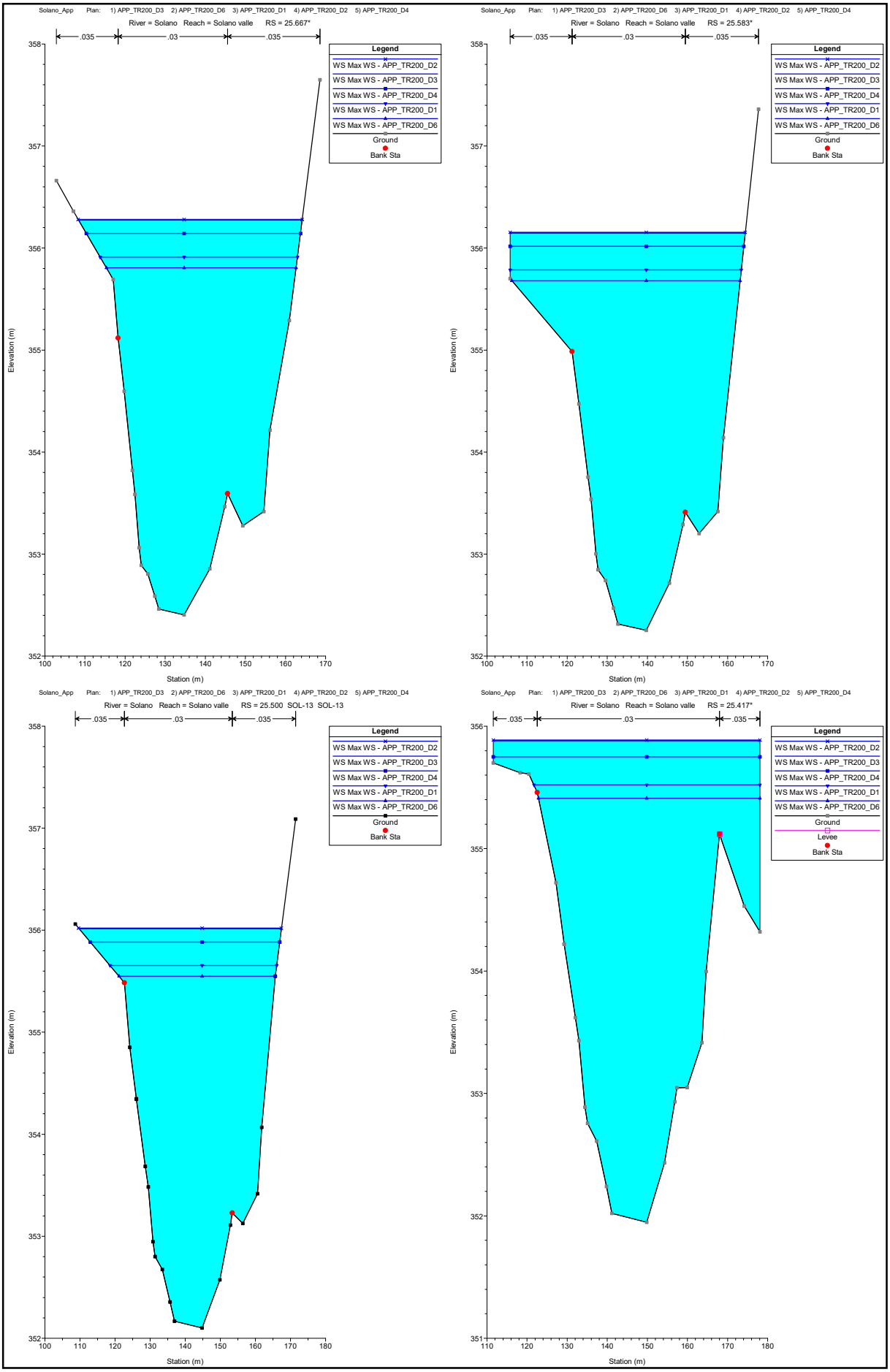
River = Solano Reach = Solano valle RS = 26 SOL-14 SOL-14
.03
.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 25.917*
.03
.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 25.833*
.03
.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 25.750*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)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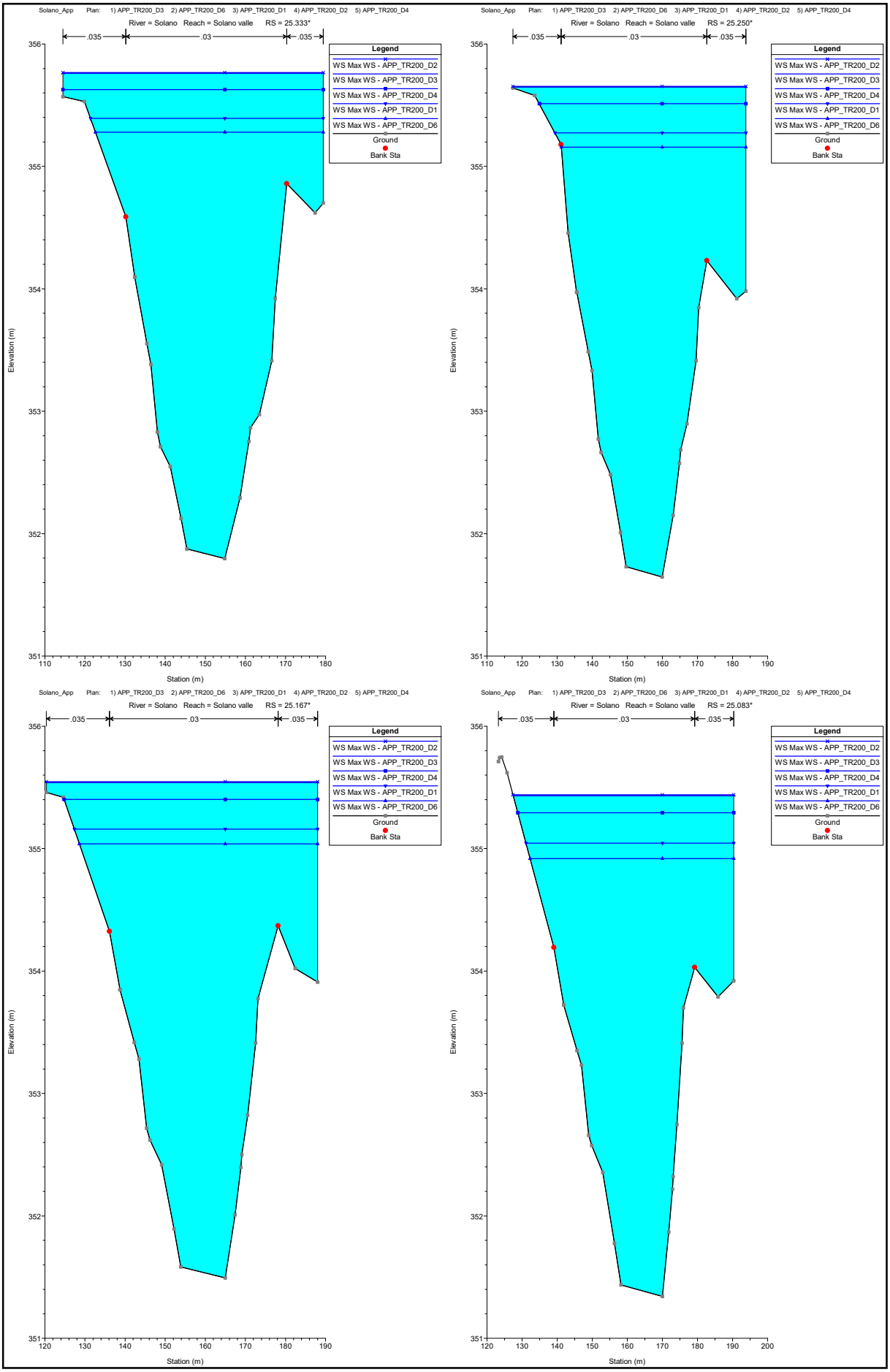
River = Solano Reach = Solano valle RS = 25.667*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 25.583*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 25.500 SOL-13 SOL-13
.035
.03
.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 25.417*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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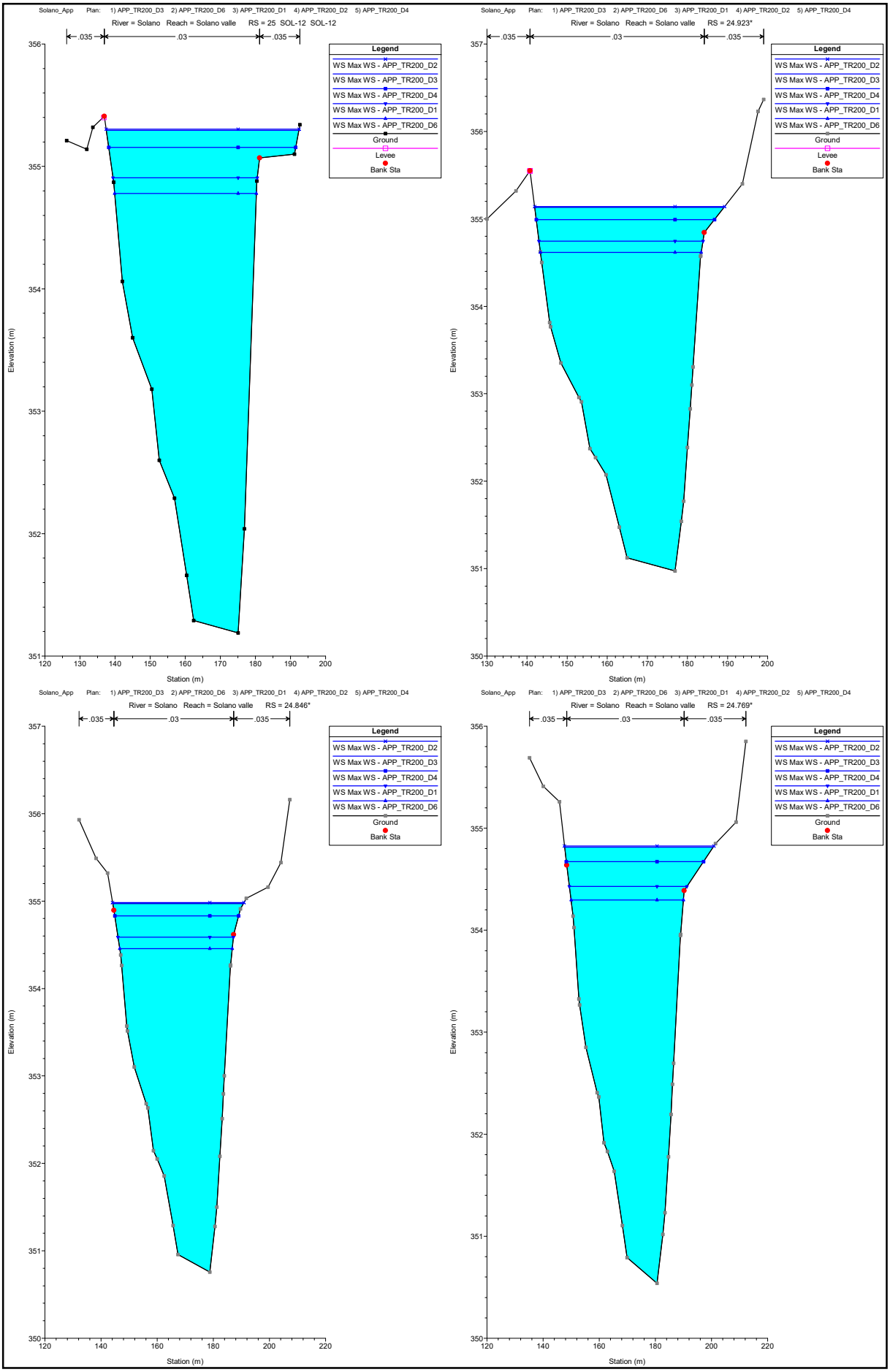
River = Solano Reach = Solano valle RS = 25.333*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 25.250*
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 25.167*
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 25.083*
Elevation (m)
Station (m)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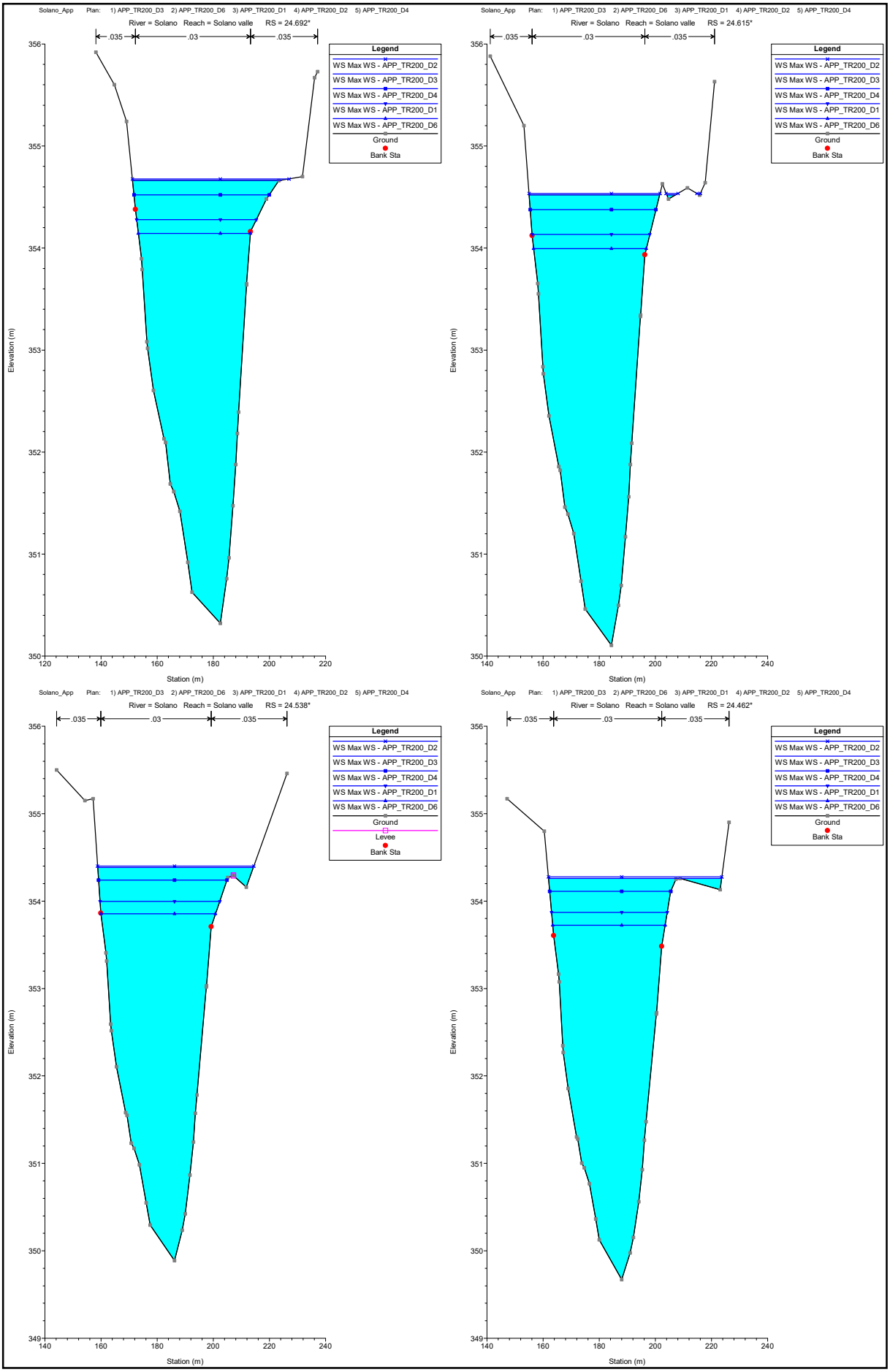
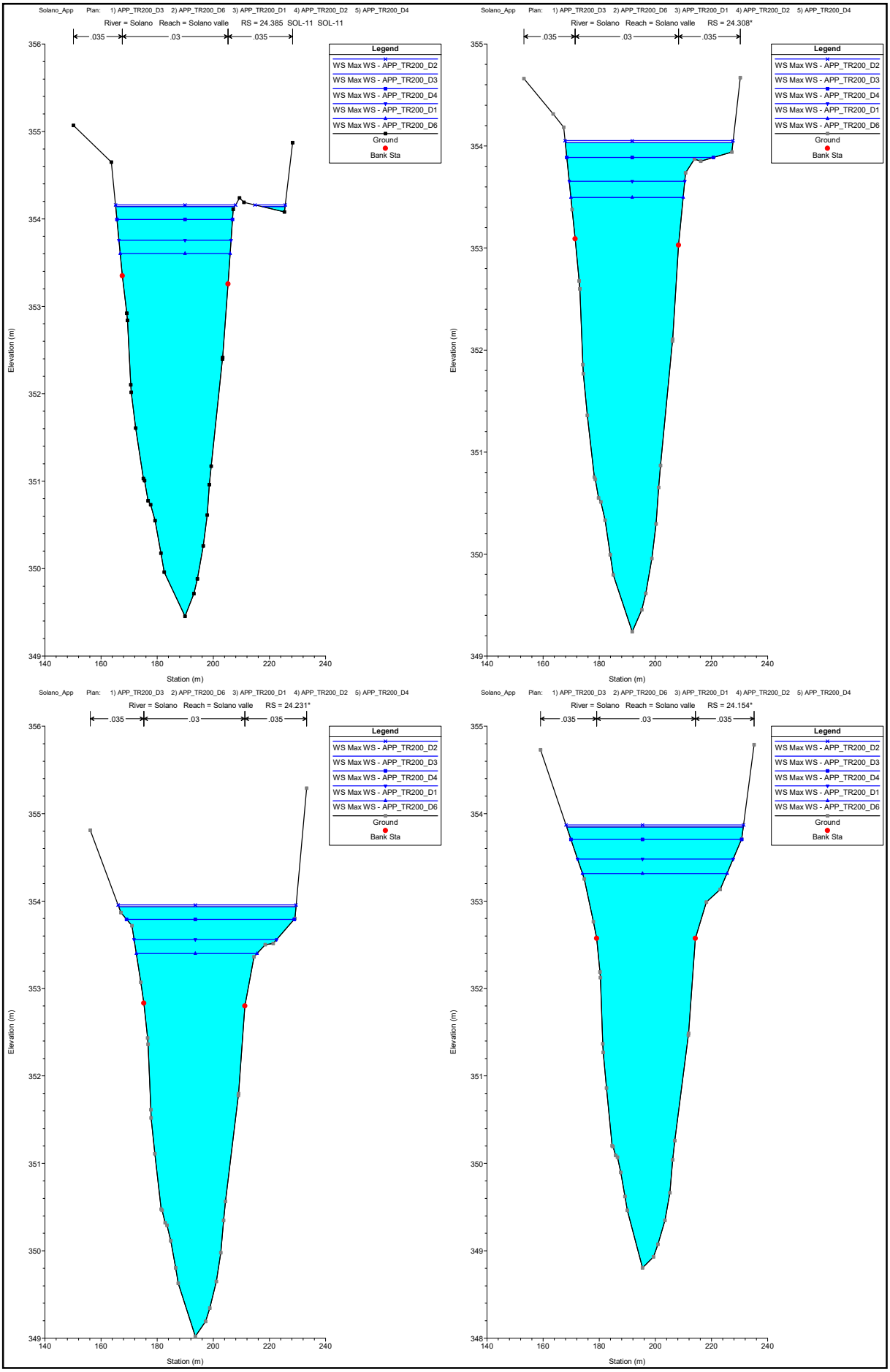
River = Solano Reach = Solano valle RS = 25 SOL-12 SOL-12
.035
.03
.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 24.923*
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 24.846*
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 24.769*


Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 24.692*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 24.615*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 24.538*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 24.462*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)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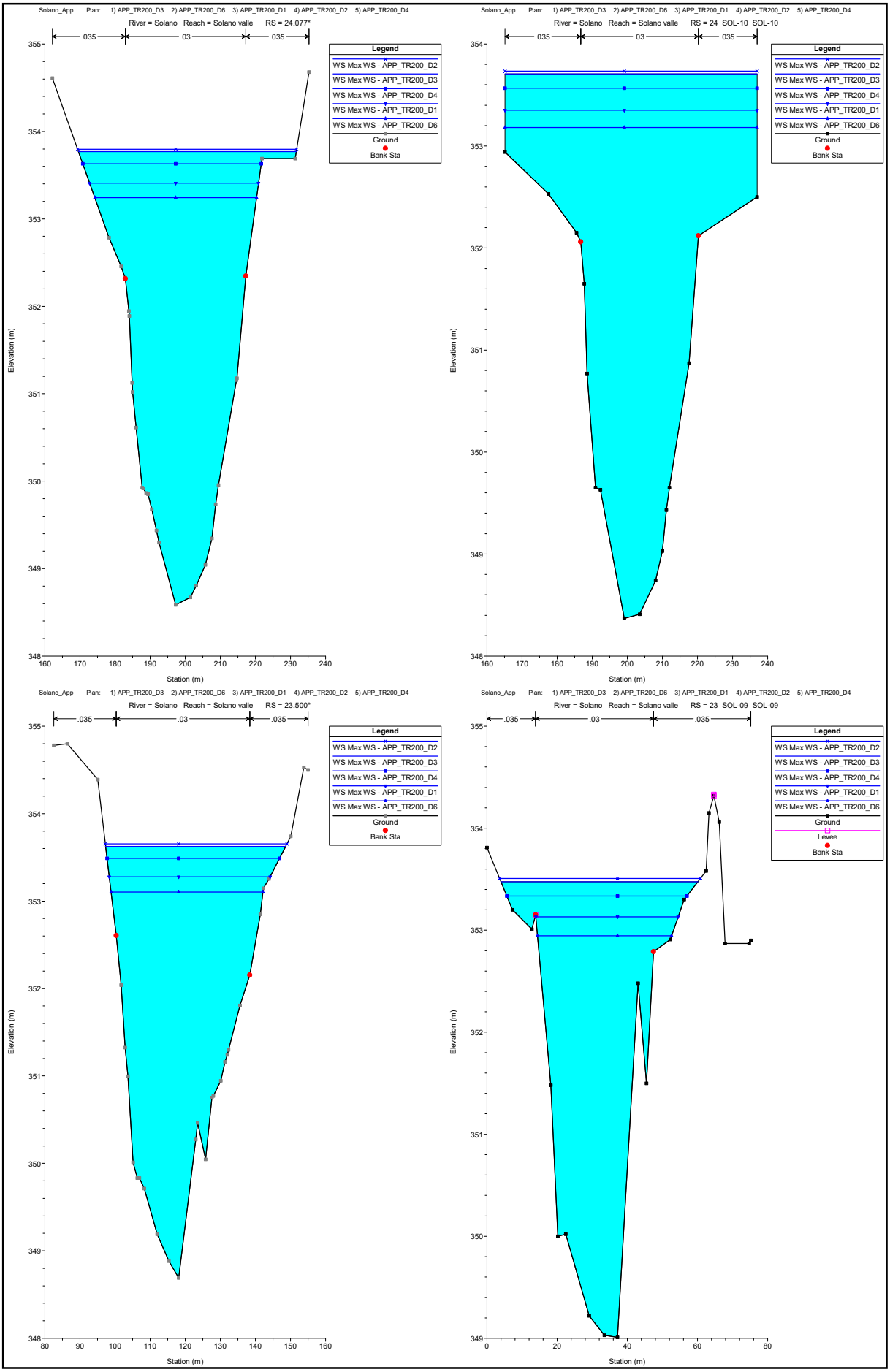
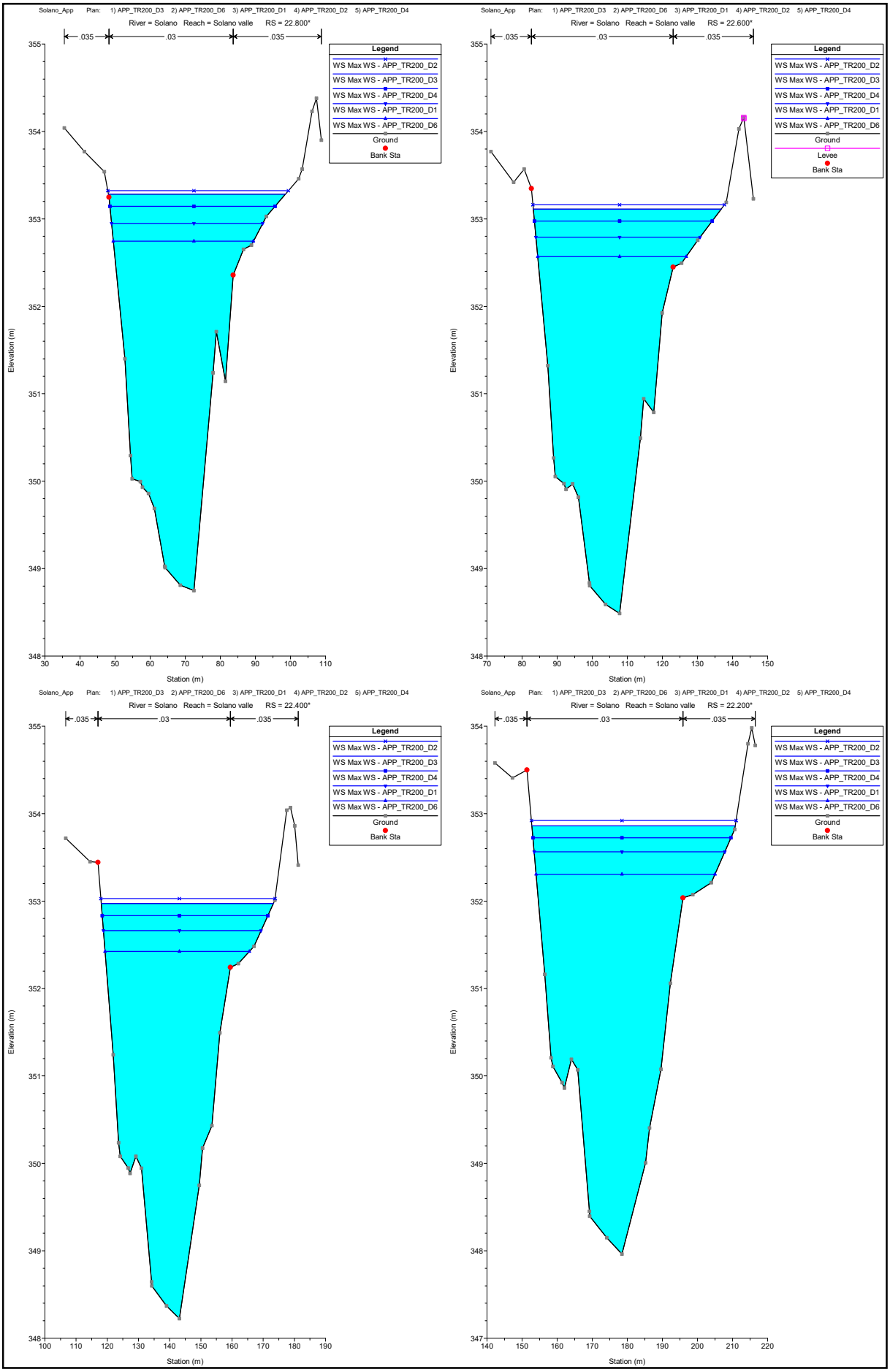
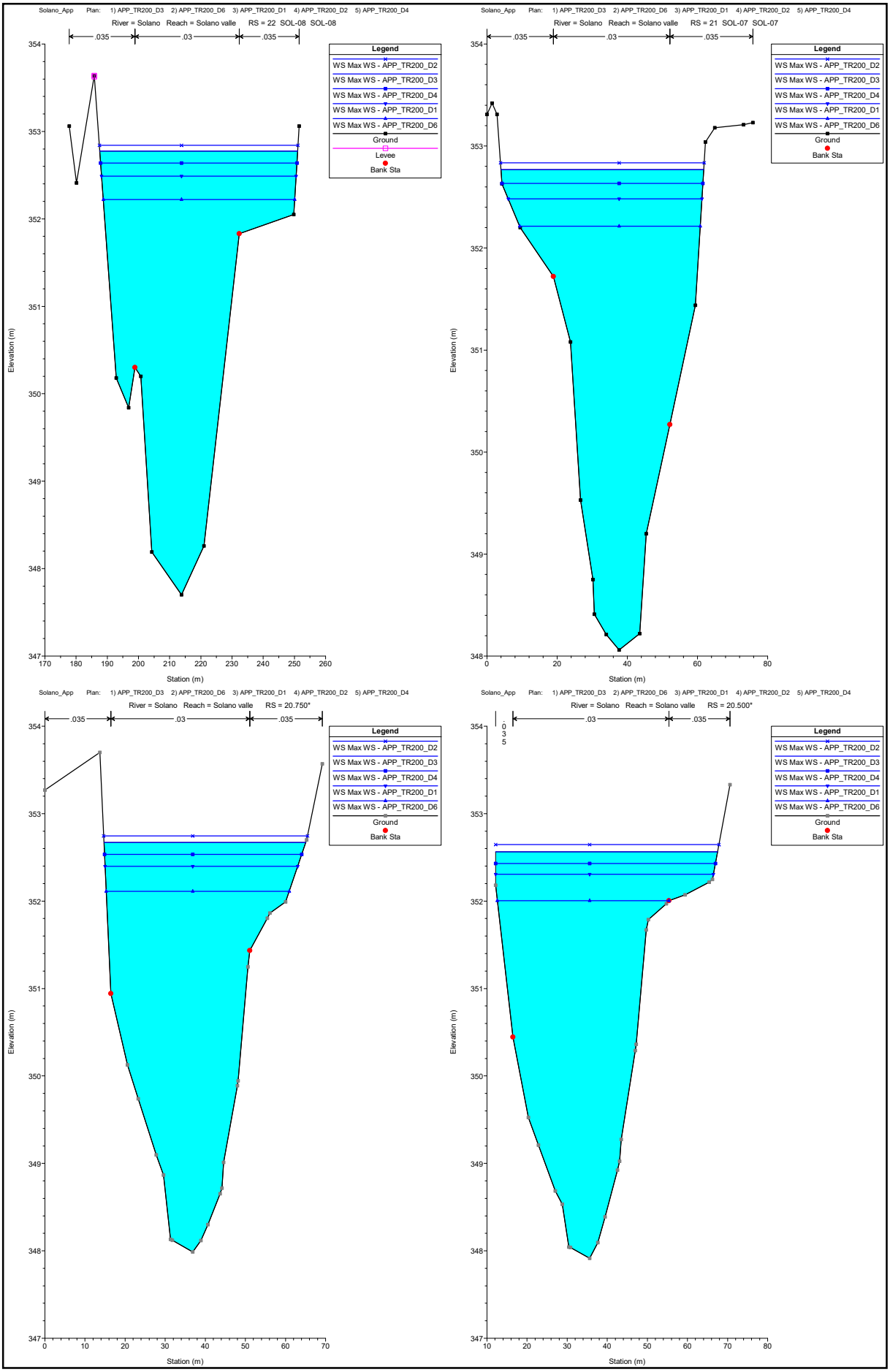
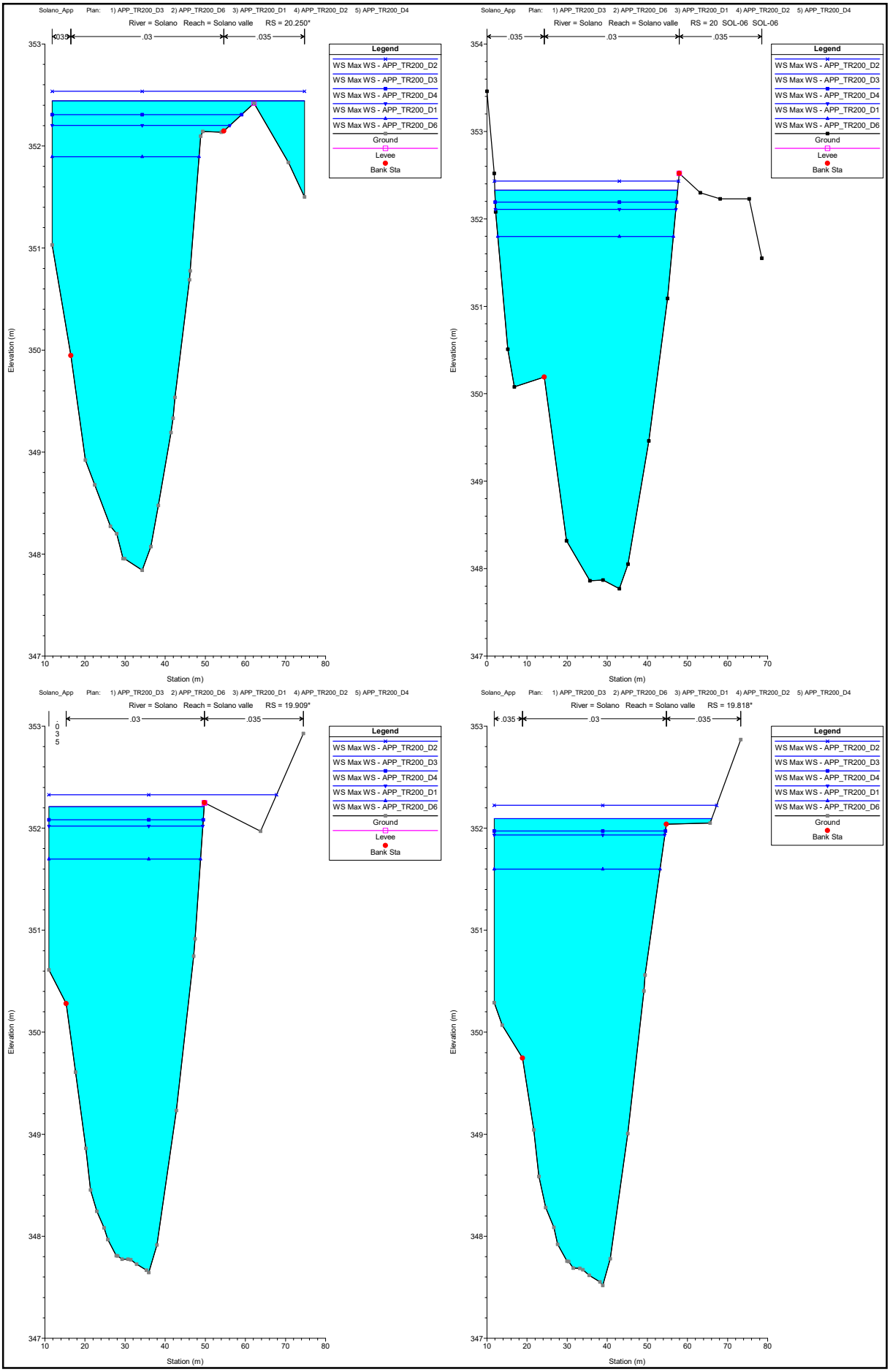
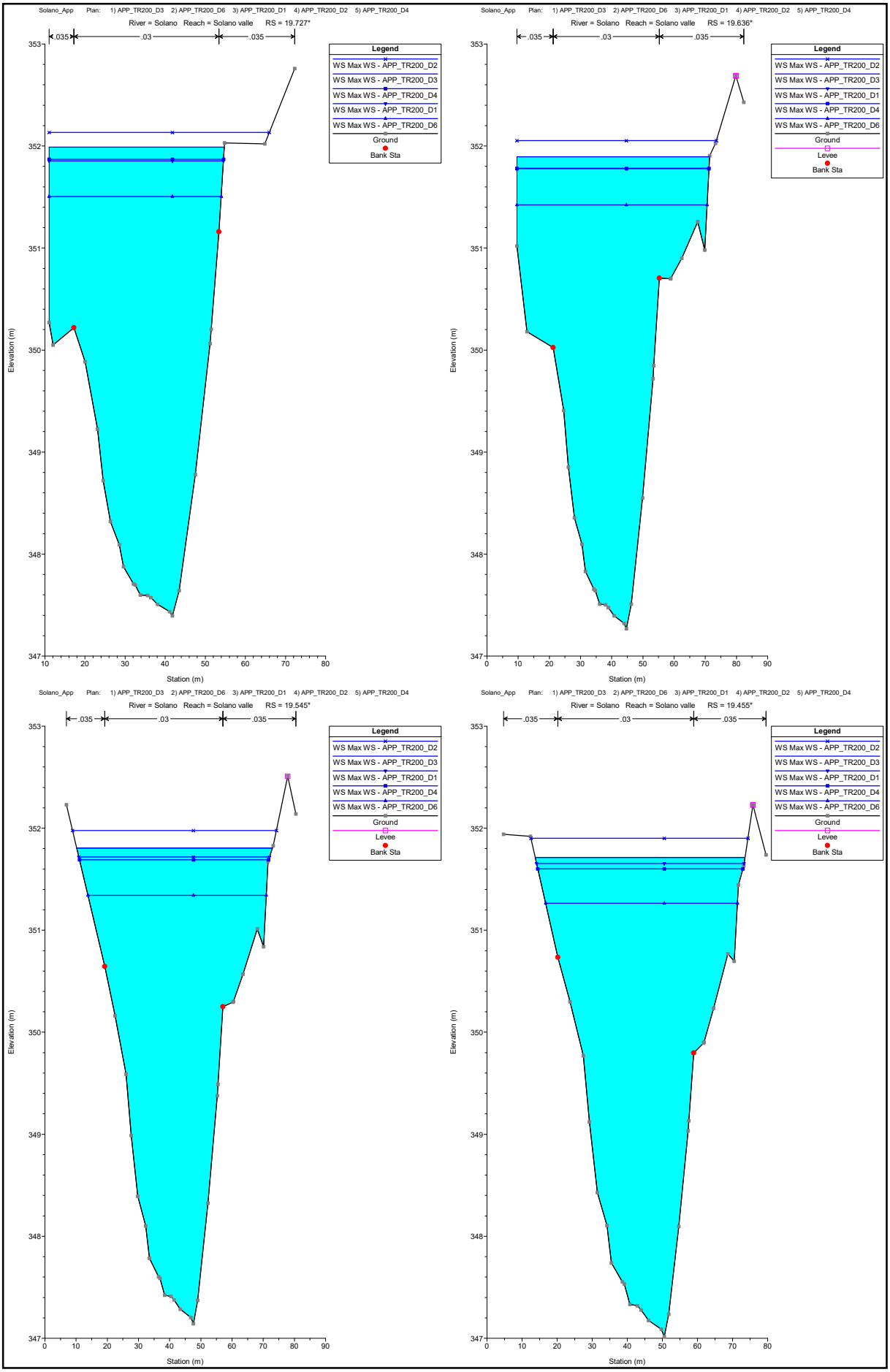
River = Solano Reach = Solano valle RS = 24.385 SOL-11 SOL-11
.035 .03 .035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 24.308*
.035 .03 .035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 24.231*
.035 .03 .035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 24.154*
.035 .03 .035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)

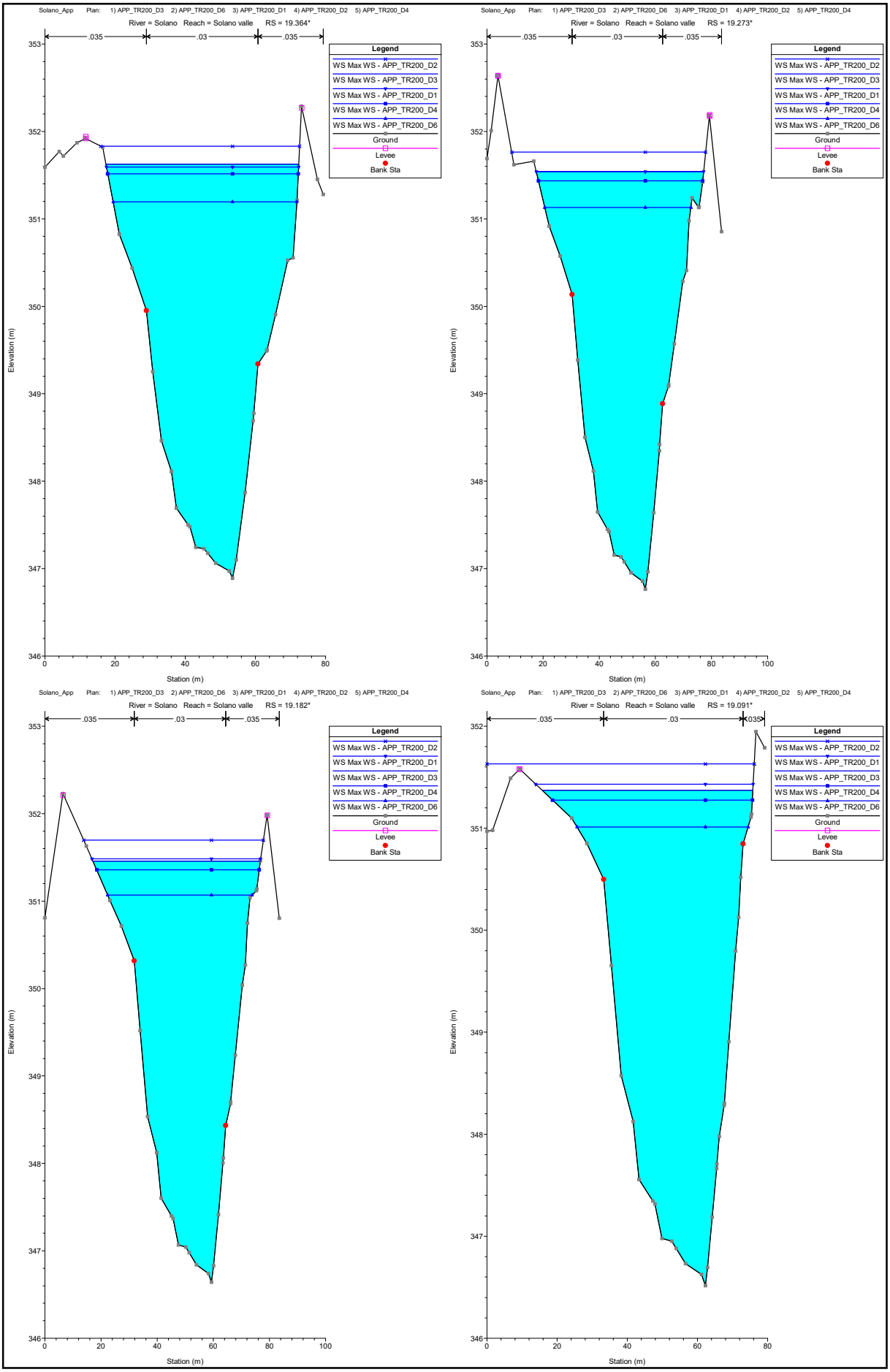

Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 24.077*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 24 SOL-10 SOL-10
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 23.500*
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 23 SOL-09 SOL-09
Levee


Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 22.800*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 22.600*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 22.400*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 22.200*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)


Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 22 SOL-08 SOL-08
.035
.03
.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 21 SOL-07 SOL-07
.035
.03
.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 20.750*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 20.500*
.03
.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)


Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 20.250*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 20 SOL-06 SOL-06
.035
.03
.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 19.909*
.03
.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 19.818*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)


Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 19.727*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 19.636*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 19.545*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 19.455*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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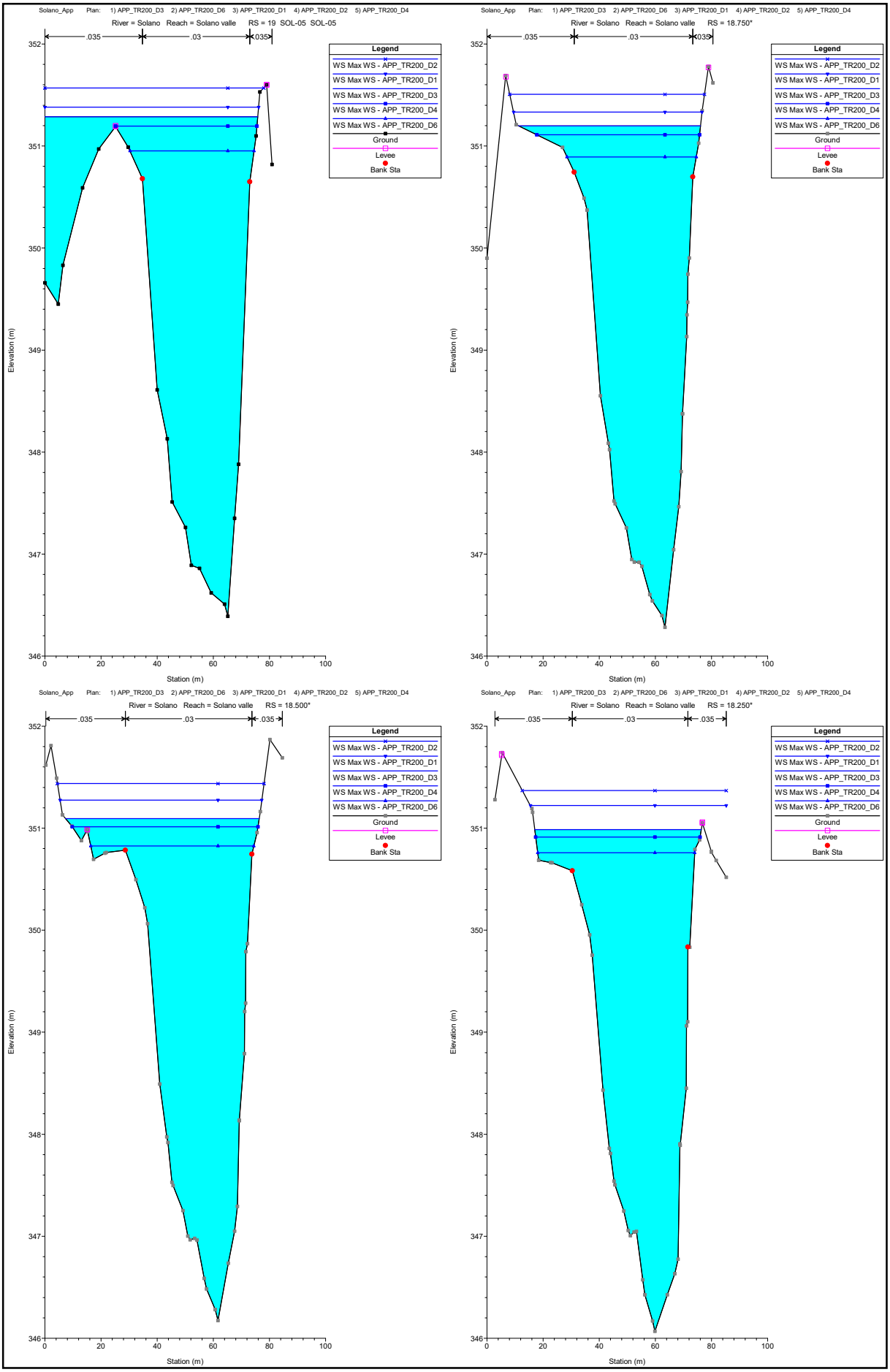
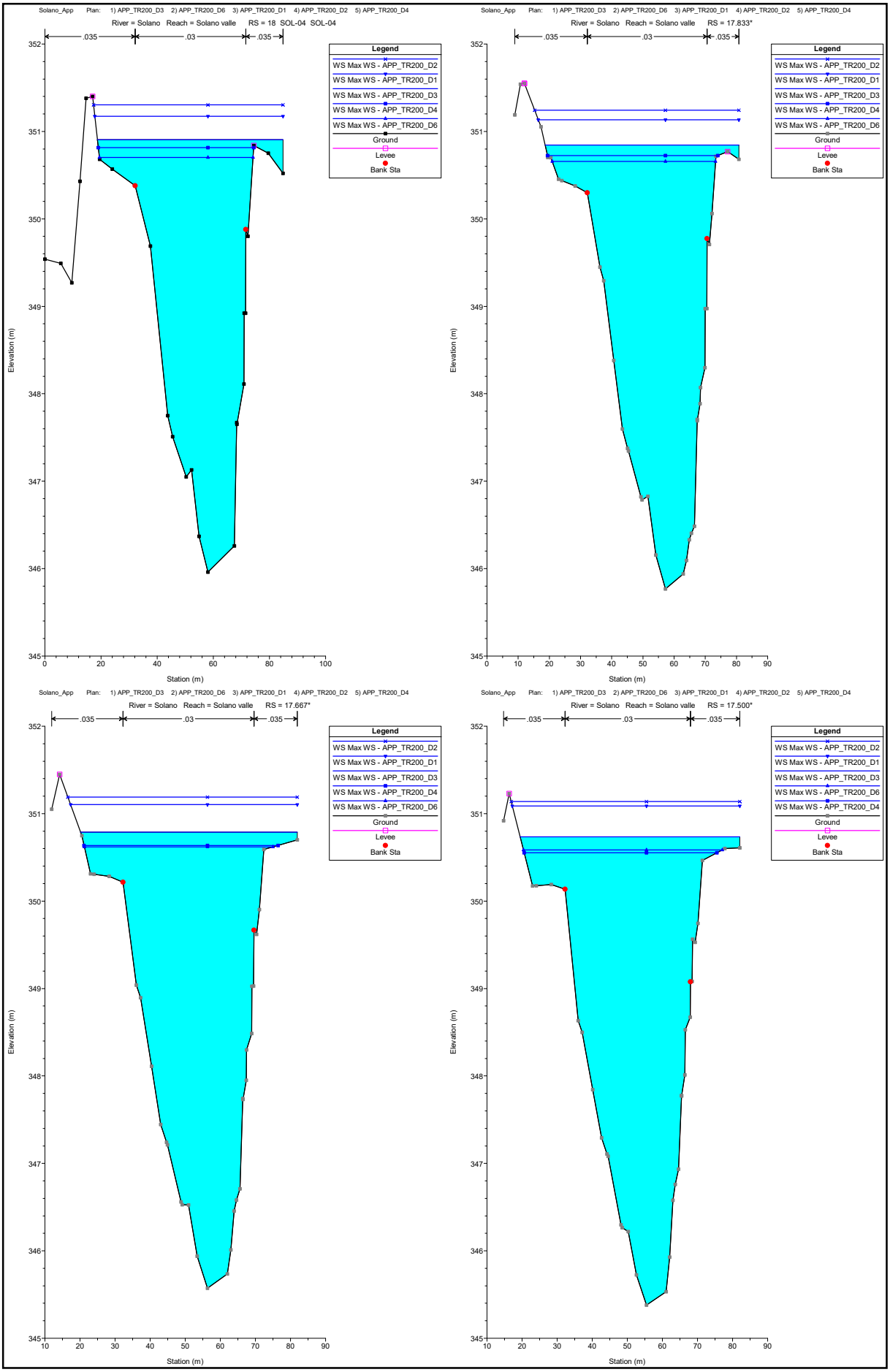
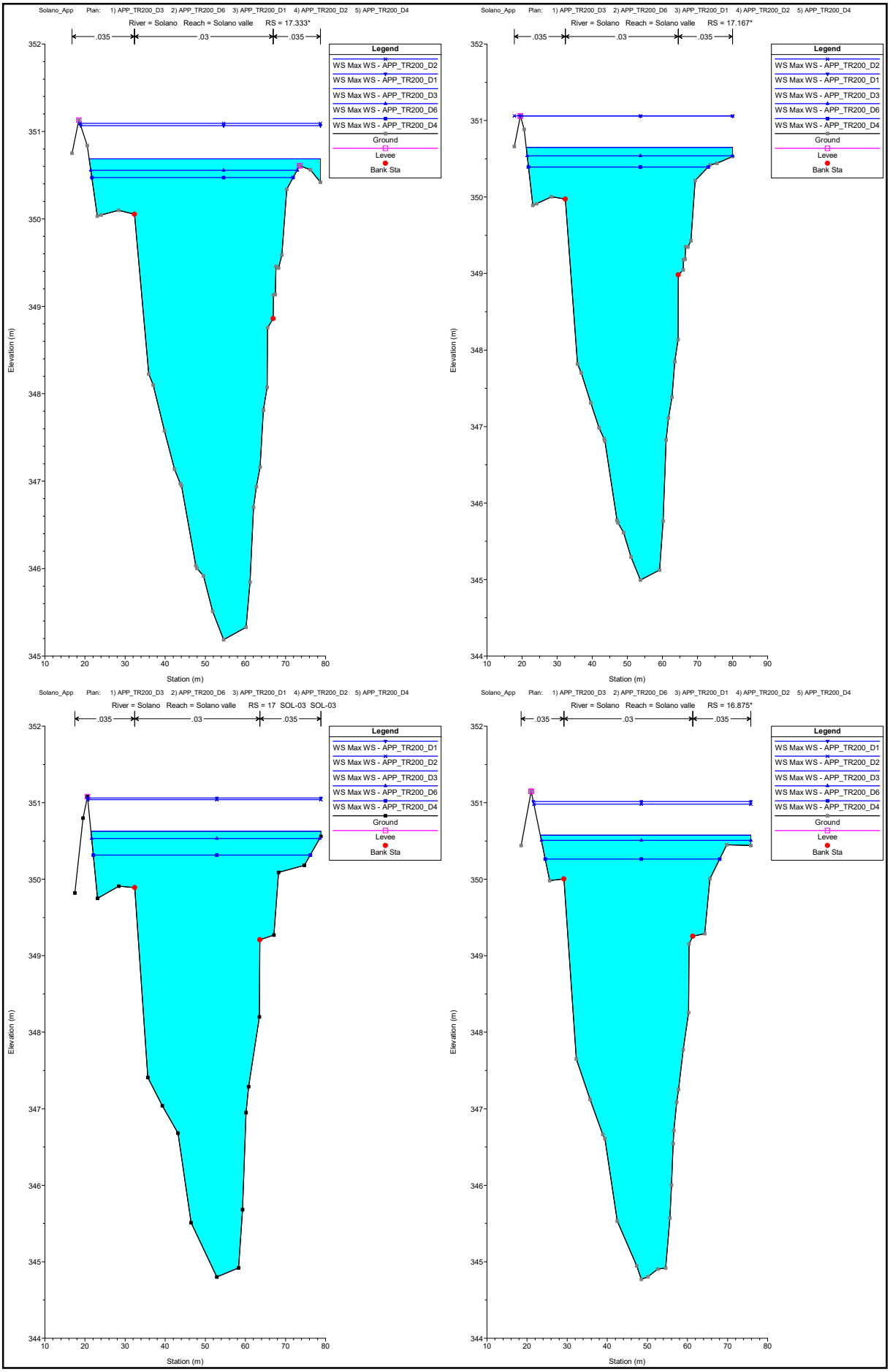
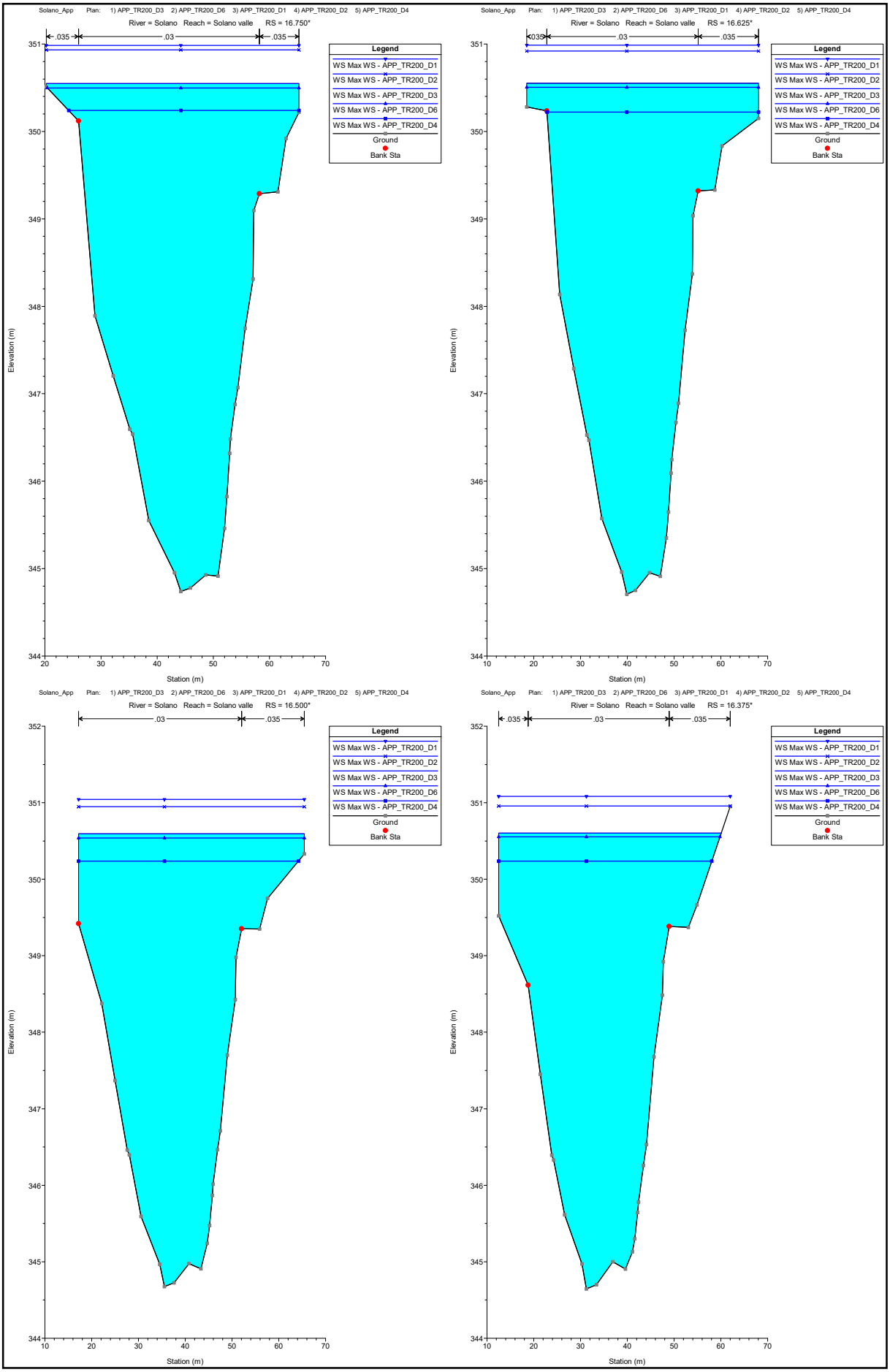
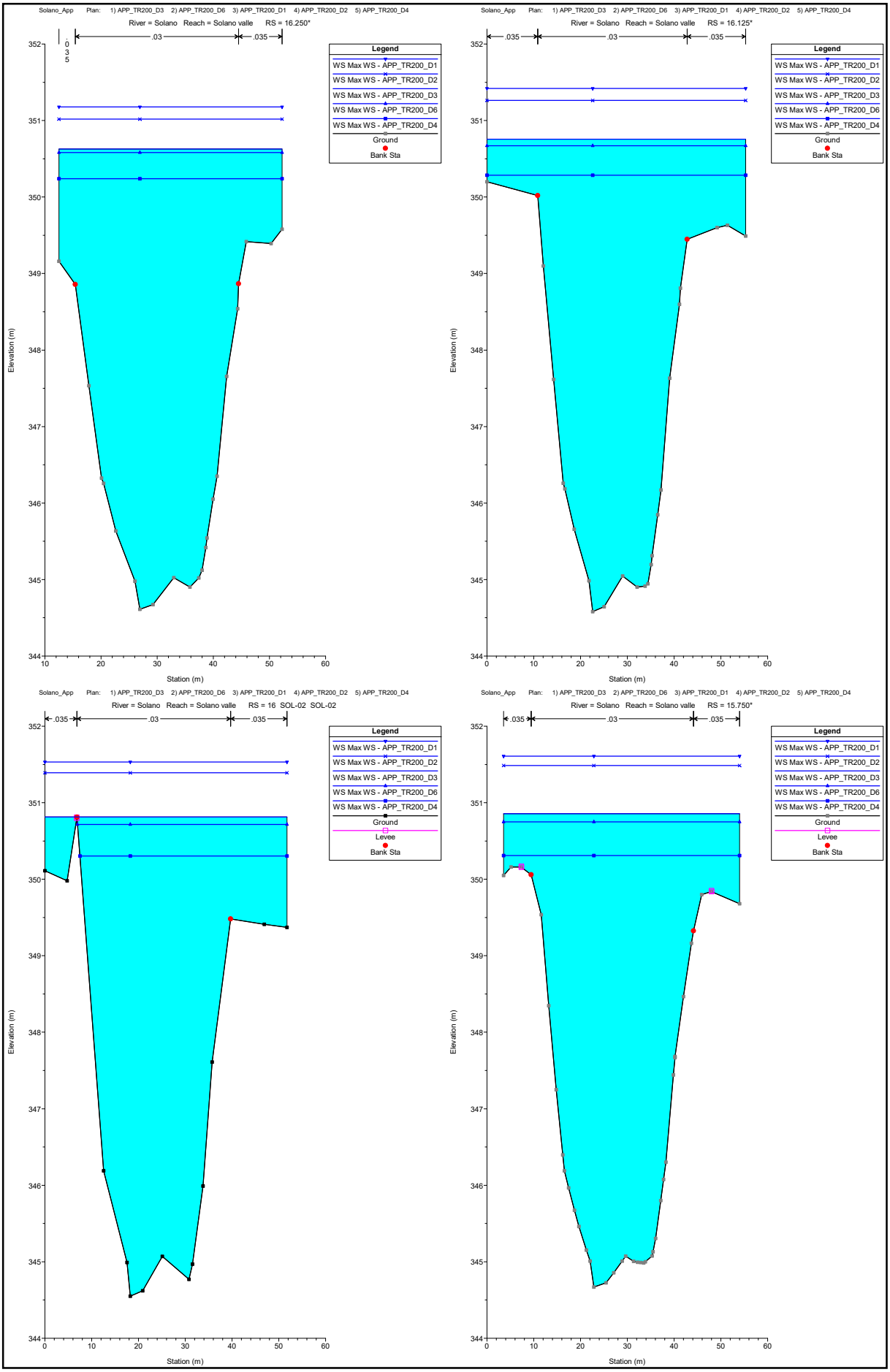
River = Solano Reach = Solano valle RS = 19.364*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 19.273*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 19.182*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 19.091*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)

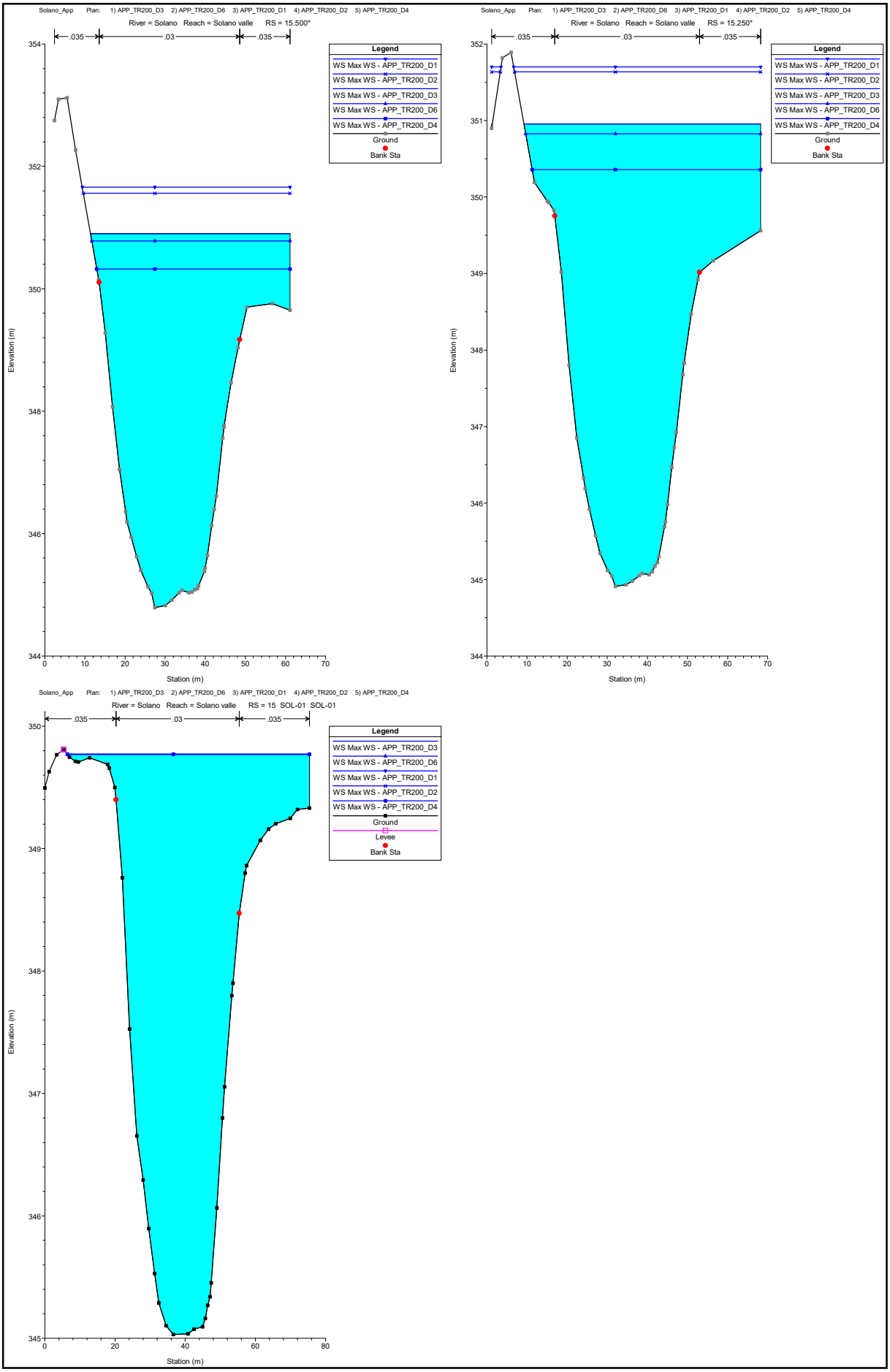

Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 19 SOL-05 SOL-05
.035
.03
.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 18.750*
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 18.500*
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 18.250*


Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 18 SOL-04 SOL-04
.035
.03
.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D4
WS Max WS - APP_TR200_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 17.833*
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 17.667*
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 17.500*


Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 17.333*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D6
WS Max WS - APP_TR200_D4
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 17.167*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D6
WS Max WS - APP_TR200_D4
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 17 SOL-03 SOL-03
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D6
WS Max WS - APP_TR200_D4
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 16.875*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D6
WS Max WS - APP_TR200_D4
Ground
Levee
Bank Sta
Elevation (m)
Station (m)


Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 16.750*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D6
WS Max WS - APP_TR200_D4
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 16.625*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D6
WS Max WS - APP_TR200_D4
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 16.500*
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D6
WS Max WS - APP_TR200_D4
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 16.375*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D6
WS Max WS - APP_TR200_D4
Ground
Bank Sta
Elevation (m)
Station (m)


Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 16.250*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D6
WS Max WS - APP_TR200_D4
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 16.125*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D6
WS Max WS - APP_TR200_D4
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 16 SOL-02 SOL-02
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D6
WS Max WS - APP_TR200_D4
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 15.750*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D6
WS Max WS - APP_TR200_D4
Ground
Levee
Bank Sta
Elevation (m)
Station (m)


Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 15.500*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D6
WS Max WS - APP_TR200_D4
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 15.250*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D6
WS Max WS - APP_TR200_D4
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR200_D3 2) APP_TR200_D6 3) APP_TR200_D1 4) APP_TR200_D2 5) APP_TR200_D4
River = Solano Reach = Solano valle RS = 15 SOL-01 SOL-01
.035
.03
.035
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D6
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D4
Ground
Levee
Bank Sta
Elevation (m)
Station (m)

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "SOLANO_APP"

SOLANO

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 1, 2, 3, 4 e 6 h

Dati idraulici

HEC-RAS Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Solano	130	Max WS	APP_TR200_D3	460.00	424.61	428.48	429.75	432.43	0.032522	8.82	0.60	1.15	53.38	34.06	1.82
Solano	130	Max WS	APP_TR200_D6	341.89	424.61	428.07	429.27	431.26	0.033495	7.91		0.41	43.22	21.92	1.79
Solano	130	Max WS	APP_TR200_D1	340.00	424.61	428.06	429.28	431.24	0.033498	7.90		0.39	43.06	21.88	1.79
Solano	130	Max WS	APP_TR200_D2	452.09	424.61	428.45	429.73	432.36	0.032608	8.77	0.51	1.11	52.51	33.26	1.82
Solano	130	Max WS	APP_TR200_D4	425.70	424.61	428.37	429.62	432.11	0.032722	8.57	0.68	0.99	50.10	25.07	1.81
Solano	120	Max WS	APP_TR200_D3	459.93	422.63	426.10	427.40	429.72	0.034071	8.42			54.63	25.45	1.84
Solano	120	Max WS	APP_TR200_D6	341.89	422.63	425.70	426.74	428.68	0.033210	7.64			44.72	23.79	1.78
Solano	120	Max WS	APP_TR200_D1	339.94	422.63	425.69	426.71	428.66	0.033212	7.63			44.55	23.77	1.78
Solano	120	Max WS	APP_TR200_D2	452.04	422.63	426.08	427.37	429.65	0.033997	8.37			53.98	25.32	1.83
Solano	120	Max WS	APP_TR200_D4	425.68	422.63	425.99	427.26	429.43	0.033691	8.22			51.81	24.86	1.82
Solano	110	Max WS	APP_TR200_D3	459.93	421.93	424.95	426.39	428.92	0.038835	8.83			52.10	25.32	1.97
Solano	110	Max WS	APP_TR200_D6	341.89	421.93	424.54	425.66	427.91	0.039818	8.13			42.05	23.67	1.95
Solano	110	Max WS	APP_TR200_D1	339.92	421.93	424.53	425.64	427.89	0.039838	8.12			41.87	23.64	1.95
Solano	110	Max WS	APP_TR200_D2	452.04	421.93	424.92	426.35	428.86	0.038929	8.79			51.45	25.24	1.97
Solano	110	Max WS	APP_TR200_D4	425.69	421.93	424.83	426.24	428.64	0.039272	8.64			49.25	24.95	1.96
Solano	100	Max WS	APP_TR200_D3	459.90	419.64	422.82	423.80	425.72	0.020272	7.54	0.97	0.92	61.63	25.27	1.47
Solano	100	Max WS	APP_TR200_D6	341.88	419.64	422.41	422.98	424.65	0.019539	6.63	0.29	0.50	51.64	23.43	1.41
Solano	100	Max WS	APP_TR200_D1	339.88	419.64	422.41	422.97	424.63	0.019530	6.61	0.27	0.50	51.46	23.39	1.41
Solano	100	Max WS	APP_TR200_D2	452.02	419.64	422.80	423.73	425.65	0.020227	7.48	0.93	0.89	60.98	25.17	1.47
Solano	100	Max WS	APP_TR200_D4	425.68	419.64	422.71	423.56	425.41	0.020018	7.29	0.80	0.81	58.85	24.85	1.45
Solano	90	Max WS	APP_TR200_D3	459.87	417.92	420.87	421.90	423.57	0.024816	7.27	0.47	0.44	63.64	34.81	1.59
Solano	90	Max WS	APP_TR200_D6	341.89	417.92	420.46	421.18	422.73	0.025520	6.67			51.28	28.17	1.58
Solano	90	Max WS	APP_TR200_D1	339.85	417.92	420.46	421.17	422.71	0.025534	6.66			51.06	28.13	1.58
Solano	90	Max WS	APP_TR200_D2	451.97	417.92	420.85	421.86	423.51	0.024962	7.23	0.40	0.38	62.72	33.99	1.60
Solano	90	Max WS	APP_TR200_D4	425.68	417.92	420.76	421.61	423.34	0.025344	7.11	0.04	0.14	59.83	30.04	1.60
Solano	80 SOL-77	Max WS	APP_TR200_D3	459.82	415.49	418.45	419.23	420.51	0.016810	6.35			72.44	30.49	1.32
Solano	80 SOL-77	Max WS	APP_TR200_D6	341.88	415.49	418.00	418.41	419.71	0.016888	5.80			58.98	28.83	1.29
Solano	80 SOL-77	Max WS	APP_TR200_D1	339.79	415.49	417.99	418.39	419.70	0.016896	5.79			58.73	28.81	1.29
Solano	80 SOL-77	Max WS	APP_TR200_D2	451.95	415.49	418.43	419.19	420.46	0.016698	6.31			71.58	30.21	1.31
Solano	80 SOL-77	Max WS	APP_TR200_D4	425.67	415.49	418.33	419.07	420.29	0.016702	6.20			68.63	29.82	1.31
Solano	79.875*	Max WS	APP_TR200_D3	459.82	415.09	418.12	418.86	420.15	0.017171	6.30			72.94	31.81	1.33
Solano	79.875*	Max WS	APP_TR200_D6	341.89	415.09	417.67	418.09	419.37	0.016766	5.77			59.26	29.17	1.29
Solano	79.875*	Max WS	APP_TR200_D1	339.76	415.09	417.66	418.08	419.35	0.016778	5.76			59.00	29.15	1.29
Solano	79.875*	Max WS	APP_TR200_D2	451.94	415.09	418.10	418.83	420.10	0.017041	6.27			72.07	31.50	1.32
Solano	79.875*	Max WS	APP_TR200_D4	425.67	415.09	418.00	418.72	419.93	0.016642	6.16			69.11	30.45	1.31
Solano	79.750*	Max WS	APP_TR200_D3	459.81	414.68	417.79	418.49	419.79	0.017361	6.26	0.08		73.42	33.93	1.34
Solano	79.750*	Max WS	APP_TR200_D6	341.88	414.68	417.34	417.77	419.02	0.016649	5.73			59.62	29.60	1.29
Solano	79.750*	Max WS	APP_TR200_D1	339.76	414.68	417.33	417.75	419.00	0.016650	5.72			59.36	29.56	1.29
Solano	79.750*	Max WS	APP_TR200_D2	451.94	414.68	417.76	418.46	419.74	0.017292	6.23			72.57	32.65	1.33
Solano	79.750*	Max WS	APP_TR200_D4	425.67	414.68	417.67	418.36	419.58	0.017016	6.11			69.62	31.80	1.32
Solano	79.625*	Max WS	APP_TR200_D3	459.80	414.28	417.44	418.11	419.42	0.017720	6.23	0.26		74.06	41.45	1.35
Solano	79.625*	Max WS	APP_TR200_D6	341.89	414.28	417.02	417.49	418.67	0.016677	5.69			60.05	30.30	1.29
Solano	79.625*	Max WS	APP_TR200_D1	339.75	414.28	417.01	417.48	418.65	0.016685	5.68			59.78	30.25	1.29
Solano	79.625*	Max WS	APP_TR200_D2	451.94	414.28	417.42	418.08	419.38	0.017618	6.19	0.21		73.12	39.12	1.35
Solano	79.625*	Max WS	APP_TR200_D4	425.67	414.28	417.34	417.98	419.21	0.017332	6.07			70.15	33.06	1.33
Solano	79.500*	Max WS	APP_TR200_D3	459.78	413.88	417.09	417.73	419.06	0.018254	6.21	0.33		75.41	59.79	1.37
Solano	79.500*	Max WS	APP_TR200_D6	341.88	413.88	416.69	417.25	418.32	0.016789	5.65			60.49	31.10	1.29
Solano	79.500*	Max WS	APP_TR200_D1	339.75	413.88	416.68	417.24	418.30	0.016800	5.64			60.21	31.05	1.29
Solano	79.500*	Max WS	APP_TR200_D2	451.92	413.88	417.07	417.70	419.01	0.018150	6.17	0.31		74.09	56.19	1.36
Solano	79.500*	Max WS	APP_TR200_D4	425.67	413.88	417.00	417.61	418.85	0.017745	6.03	0.18		70.67	39.29	1.34
Solano	79.375*	Max WS	APP_TR200_D3	459.78	413.47	416.74	417.34	418.67	0.018748	6.18	0.60		77.35	60.51	1.38
Solano	79.375*	Max WS	APP_TR200_D6	341.89	413.47	416.35	416.90	417.96	0.017241	5.62			60.86	32.30	1.31
Solano	79.375*	Max WS	APP_TR200_D1	339.74	413.47	416.34	416.89	417.95	0.017205	5.61			60.57	32.16	1.31
Solano	79.375*	Max WS	APP_TR200_D2	451.92	413.47	416.71	417.32	418.63	0.018701	6.14	0.54		76.08	60.32	1.38
Solano	79.375*	Max WS	APP_TR200_D4	425.67	413.47	416.64	417.23	418.48	0.018435	6.01	0.29		71.85	59.43	1.36
Solano	79.250*	Max WS	APP_TR200_D3	459.78	413.07	416.36	416.98	418.30	0.019569	6.18	0.80		78.31	59.74	1.41
Solano	79.250*	Max WS	APP_TR200_D6	341.89	413.07	416.01	416.54	417.61	0.018295	5.61			60.98	34.02	1.34
Solano	79.250*	Max WS	APP_TR200_D1	339.73	413.07	416.00	416.53	417.60	0.018284	5.60			60.68	33.90	1.34
Solano	79.250*	Max WS	APP_TR200_D2	451.92	413.07	416.34	416.95	418.25	0.019486	6.14	0.75		77.16	59.53	1.40
Solano	79.250*	Max WS	APP_TR200_D4	425.67	413.07	416.28	416.84	418.11	0.019160	6.00	0.56		73.32	58.84	1.38
Solano	79.125*	Max WS	APP_TR200_D3	459.77	412.66	415.97	416.63	417.93	0.020501	6.23	0.94	0.34	78.26	61.04	1.43
Solano	79.125*	Max WS	APP_TR200_D6	341.88	412.66	415.63	416.16	417.27	0.020032	5.66			60.35	35.51	1.39
Solano	79.125*	Max WS	APP_TR200_D1	339.73	412.66	415.62	416.17	417.26	0.020024	5.66			60.04	35.37	1.39
Solano	79.125*	Max WS	APP_TR200_D2	451.92	412.66	415.95	416.60	417.89	0.020514	6.19	0.89	0.30	77.12	60.52	1.43
Solano	79.125*	Max WS	APP_TR200_D4	425.67	412.66	415.89	416.52	417.75	0.020494	6.05	0.73	0.13	73.37	58.78	1.42
Solano	79 SOL-76	Max WS	APP_TR200_D3	459.77	412.26	415.55	416.23	417.61	0.022512	6.39	1.01	0.58	77.26	64.89	1.49
Solano	79 SOL-76	Max WS	APP_TR200_D6	341.88	412.26	415.21	415.81	416.98	0.023985	5.90			57.90	36.59	1.50
Solano	79 SOL-76	Max WS	APP_TR200_D1	339.71	412.26	415.20	415.80	416.97	0.023952	5.90			57.60	36.42	1.50
Solano	79 SOL-76	Max WS	APP_TR200_D2	451.91	412.26	415.53	416.20	417.57	0.022603	6.35	0.97	0.55	75.98	64.27	1.49
Solano	79 SOL-76	Max WS	APP_TR200_D4	425.66	412.26	415.47	416.12	417.43	0.022848	6.23	0.80	0.42	71.80	62.23	1.49
Solano	78.900*	Max WS	APP_TR200_D3	459.76	411.94	415.13	415.85	417.22	0.023476	6.40	0.05	0.52	72.14	45.37	1.52
Solano	78.900*	Max WS	APP_TR200_D6	341.88	411.94	414.78	415.34	416.54	0.023098	5.88			58.19	36.09	1.48
Solano	78.900*	Max WS	APP_TR200_D1	339.71	411.94	414.77	415.33	416.52	0.023083	5.87			57.90	35.98	1.48
Solano	78.900*	Max WS	APP_TR200_D2	451.91	411.94	415.11	415.84	417.18	0.023444	6.36		0.48	71.28	42.98	1.52
Solano	78.900*	Max WS	APP_TR200_D4	425.67	411.94	415.04	415.75	417.02	0.023369	6.23		0.34	68.39	41.16	1.51
Solano	78.800*	Max WS	APP_TR200_D3	459.77	411.61	414.71	415.39	416.77	0.023087	6.35		0.43	72.55	42.86	1.51
Solano	78.800*	Max WS	APP_TR200_D6	341.88	411.61	414.36	414.87	416.08	0.022763	5.81			58.81	36.75	1.47
Solano	78.800*	Max WS	APP_TR200_D1	339.71	411.61	414.35	414.86	416.07	0.022754	5.80			58.53	36.65	1.47
Solano	78.800*	Max WS	APP_TR200_D2	451.91	411.61	414.69	415.36	416.72	0.023067	6.31		0.39	71.72	42.39	1.51
Solano	78.800*	Max WS	APP_TR200_D4	425.66	411.61	414.62	415.26	416.57	0.023092	6.18		0.22	68.86	40.73	1.50
Solano	78.700*	Max WS	APP_TR200_D3	459.76	411.29	414.29	414.91	416.30	0.022908	6.29		0.35	73.23	42.93	1.50
Solano	78.700*	Max WS	APP_TR200_D6	341.88	411.29	413.94	414.44	415.62	0.022520	5.74			59.56	37.71	1.46
Solano	78.700*	Max WS	APP_TR200_D1	339.70	411.29	413.94	414.43	415.61	0.022510	5.73			59.28	37.62	1.46
Solano	78.700*	Max WS	APP_TR200_D2	451.91	411.29	414.27	414.88	416.26	0.022912	6.25		0.30	72.39	42.49	1.50
Solano	78.700*	Max WS	APP_TR200_D4	425.66	411.29	414.20	414.78	416.11	0.022993	6.12		0.10	69.56	40.94	1.49
Solano	78.600*	Max WS	APP_TR200_D3	459.76	410.96	413.87	414.47	415.84	0.022745	6.21		0.26	74.09	43.35	1.49
Solano	78.600*	Max WS	APP_TR200_D6	341.87	410.96	413.53	414.01	415.17	0.022317	5.66			60.36	38.79	1.45
Solano	78.600*	Max WS	APP_TR200_D1	339.69	410.96	413.53	414.00	415.16	0.022307	5.65			60.08	38.71	1.45
Solano	78.600*	Max WS	APP_TR200_D2	451.90	410.96	413.85	414.44	415.79	0.022794	6.17		0.21	73.23	42.91	1.49
Solano	78.600*	Max WS	APP_TR200_D4	425.67	410.96	413.78	414.34	415.65	0.022799	6.05			70.38	41.65	1.49
Solano	78.500*	Max WS	APP_TR200_D3	459.75	410.64	413.46	414.03	415.37	0.022474	6.12		0.19	75.18	44.04	1.48
Solano	78.500*	Max WS	APP_TR200_D6	341.87	410.64	413.13	413.58	414.72	0.022124	5.59			61.20	39.94	1.44
Solano	78.500*	Max WS	APP_TR200_D1	339.69	410.64	413.12	413.57	414.70	0.022120	5.58			60.92	39.86	1.44
Solano	78.500*	Max WS	APP_TR200_D2	451.89	410.64	413.44	414.00	415.33	0.022539	6.08		0.12	74.30	43.62	1.48
Solano	78.500*	Max WS	APP_TR200_D4	425.66	410.64	413.37	413.90	415.19	0.022476	5.97			71.34	42.66	1.47

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Solano	78.400*	Max WS	APP_TR200_D3	459.75	410.32	413.06	413.60	414.90	0.022021	6.01		0.11	76.52	44.96	1.46
Solano	78.400*	Max WS	APP_TR200_D6	341.87	410.32	412.73	413.16	414.26	0.021786	5.50			62.21	41.17	1.43
Solano	78.400*	Max WS	APP_TR200_D1	339.69	410.32	412.72	413.15	414.25	0.021777	5.48			61.94	41.10	1.43
Solano	78.400*	Max WS	APP_TR200_D2	451.90	410.32	413.04	413.57	414.86	0.022099	5.98			75.62	44.56	1.46
Solano	78.400*	Max WS	APP_TR200_D4	425.66	410.32	412.97	413.47	414.72	0.021978	5.87			72.57	43.81	1.46
Solano	78.300*	Max WS	APP_TR200_D3	459.74	409.99	412.67	413.16	414.42	0.021184	5.87		0.08	78.34	46.16	1.44
Solano	78.300*	Max WS	APP_TR200_D6	341.87	409.99	412.33	412.74	413.81	0.021154	5.38			63.57	42.52	1.40
Solano	78.300*	Max WS	APP_TR200_D1	339.68	409.99	412.33	412.73	413.80	0.021149	5.37			63.28	42.45	1.40
Solano	78.300*	Max WS	APP_TR200_D2	451.90	409.99	412.65	413.13	414.38	0.021188	5.83			77.46	45.86	1.43
Solano	78.300*	Max WS	APP_TR200_D4	425.66	409.99	412.58	413.04	414.25	0.021110	5.73			74.32	45.13	1.43
Solano	78.200*	Max WS	APP_TR200_D3	459.74	409.67	412.30	412.73	413.93	0.019627	5.67		0.12	81.14	47.78	1.38
Solano	78.200*	Max WS	APP_TR200_D6	341.88	409.67	411.96	412.32	413.34	0.019954	5.21			65.61	44.05	1.36
Solano	78.200*	Max WS	APP_TR200_D1	339.67	409.67	411.95	412.31	413.33	0.019928	5.20			65.34	43.98	1.36
Solano	78.200*	Max WS	APP_TR200_D2	451.89	409.67	412.28	412.71	413.90	0.019681	5.63		0.04	80.21	47.42	1.38
Solano	78.200*	Max WS	APP_TR200_D4	425.66	409.67	412.21	412.62	413.77	0.019653	5.53			76.96	46.67	1.38
Solano	78.100*	Max WS	APP_TR200_D3	459.73	409.34	411.97	412.31	413.43	0.016991	5.36		0.24	85.83	50.04	1.29
Solano	78.100*	Max WS	APP_TR200_D6	341.88	409.34	411.61	411.91	412.86	0.017768	4.95			69.06	45.89	1.29
Solano	78.100*	Max WS	APP_TR200_D1	339.65	409.34	411.61	411.90	412.85	0.017733	4.94			68.80	45.83	1.29
Solano	78.100*	Max WS	APP_TR200_D2	451.88	409.34	411.95	412.29	413.39	0.017052	5.33		0.19	84.81	49.68	1.29
Solano	78.100*	Max WS	APP_TR200_D4	425.66	409.34	411.87	412.20	413.27	0.017289	5.24			81.27	48.56	1.29
Solano	78 SOL-75	Max WS	APP_TR200_D3	459.72	409.02	411.69	411.89	412.92	0.013337	4.92		0.39	93.69	53.15	1.15
Solano	78 SOL-75	Max WS	APP_TR200_D6	341.87	409.02	411.32	411.50	412.38	0.014381	4.55			75.10	48.25	1.17
Solano	78 SOL-75	Max WS	APP_TR200_D1	339.65	409.02	411.32	411.49	412.37	0.014323	4.54			74.86	48.20	1.16
Solano	78 SOL-75	Max WS	APP_TR200_D2	451.87	409.02	411.67	411.87	412.89	0.013382	4.89		0.36	92.56	52.80	1.15
Solano	78 SOL-75	Max WS	APP_TR200_D4	425.61	409.02	411.59	411.78	412.77	0.013662	4.81		0.23	88.52	51.52	1.16
Solano	77.929*	Max WS	APP_TR200_D3	459.72	408.61	411.43	411.53	412.57	0.013275	4.73		0.54	97.48	51.18	1.07
Solano	77.929*	Max WS	APP_TR200_D6	341.87	408.61	411.04	411.14	412.01	0.014572	4.37			78.19	47.61	1.09
Solano	77.929*	Max WS	APP_TR200_D1	339.62	408.61	411.04	411.13	412.00	0.014458	4.35			78.04	47.58	1.09
Solano	77.929*	Max WS	APP_TR200_D2	451.82	408.61	411.41	411.51	412.53	0.013294	4.70		0.51	96.36	50.98	1.07
Solano	77.929*	Max WS	APP_TR200_D4	425.56	408.61	411.33	411.42	412.42	0.013566	4.62		0.41	92.16	50.23	1.07
Solano	77.9			Lat Struct											
Solano	77.857*	Max WS	APP_TR200_D3	459.71	408.20	411.17	411.18	412.23	0.013246	4.57		0.67	100.92	49.34	1.00
Solano	77.857*	Max WS	APP_TR200_D6	341.87	408.20	410.75	410.77	411.66	0.014862	4.23		0.02	80.82	46.80	1.03
Solano	77.857*	Max WS	APP_TR200_D1	339.62	408.20	410.75	410.77	411.65	0.014675	4.20			80.80	46.80	1.02
Solano	77.857*	Max WS	APP_TR200_D2	451.82	408.20	411.15	411.15	412.20	0.013233	4.54		0.64	99.83	49.20	1.00
Solano	77.857*	Max WS	APP_TR200_D4	425.57	408.20	411.06	411.07	412.08	0.013491	4.46		0.55	95.51	48.65	1.00
Solano	77.786*	Max WS	APP_TR200_D3	459.47	407.79	410.92	410.82	411.91	0.012535	4.42		0.76	104.30	47.59	0.94
Solano	77.786*	Max WS	APP_TR200_D6	341.87	407.79	410.47	410.41	411.33	0.014095	4.10		0.26	83.40	45.52	0.96
Solano	77.786*	Max WS	APP_TR200_D1	339.60	407.79	410.47	410.40	411.31	0.013798	4.06		0.26	83.61	45.54	0.95
Solano	77.786*	Max WS	APP_TR200_D2	451.81	407.79	410.90	410.80	411.88	0.012496	4.39		0.74	103.28	47.49	0.94
Solano	77.786*	Max WS	APP_TR200_D4	425.56	407.79	410.80	410.71	411.75	0.012704	4.31		0.66	98.89	47.05	0.94
Solano	77.714*	Max WS	APP_TR200_D3	459.44	407.38	410.67		411.61	0.012396	4.28		0.85	107.66	45.91	0.88
Solano	77.714*	Max WS	APP_TR200_D6	341.86	407.38	410.20		411.00	0.013830	3.97		0.40	86.21	44.08	0.90
Solano	77.714*	Max WS	APP_TR200_D1	339.58	407.38	410.21		410.99	0.013396	3.92		0.41	86.70	44.12	0.89
Solano	77.714*	Max WS	APP_TR200_D2	451.77	407.38	410.65		411.57	0.012311	4.25		0.83	106.74	45.83	0.88
Solano	77.714*	Max WS	APP_TR200_D4	425.53	407.38	410.56		411.44	0.012457	4.17		0.75	102.35	45.46	0.88
Solano	77.643*	Max WS	APP_TR200_D3	459.41	406.97	410.43		411.31	0.012313	4.16		0.89	110.69	44.28	0.83
Solano	77.643*	Max WS	APP_TR200_D6	341.85	406.97	409.93		410.68	0.013578	3.85		0.50	88.85	42.59	0.85
Solano	77.643*	Max WS	APP_TR200_D1	339.57	406.97	409.95		410.68	0.012967	3.79		0.51	89.77	42.66	0.83
Solano	77.643*	Max WS	APP_TR200_D2	451.73	406.97	410.41		411.28	0.012170	4.12		0.87	109.91	44.22	0.83
Solano	77.643*	Max WS	APP_TR200_D4	425.49	406.97	410.31		411.15	0.012237	4.04		0.80	105.57	43.88	0.82
Solano	77.571*	Max WS	APP_TR200_D3	459.26	406.56	410.19		411.03	0.012298	4.06		0.87	113.35	42.70	0.79
Solano	77.571*	Max WS	APP_TR200_D6	341.80	406.56	409.66		410.38	0.013335	3.74		0.54	91.36	41.09	0.80
Solano	77.571*	Max WS	APP_TR200_D1	339.56	406.56	409.70		410.38	0.012529	3.66		0.55	92.80	41.19	0.78
Solano	77.571*	Max WS	APP_TR200_D2	451.69	406.56	410.17		411.00	0.012100	4.02		0.86	112.73	42.66	0.78
Solano	77.571*	Max WS	APP_TR200_D4	425.47	406.56	410.07		410.86	0.012062	3.93		0.80	108.56	42.35	0.78
Solano	77.500*	Max WS	APP_TR200_D3	459.17	406.15	409.95		410.76	0.011869	3.97		0.75	115.81	41.22	0.75
Solano	77.500*	Max WS	APP_TR200_D6	341.78	406.15	409.41		410.08	0.012563	3.64		0.50	93.89	39.60	0.75
Solano	77.500*	Max WS	APP_TR200_D1	339.55	406.15	409.47		410.10	0.011494	3.53		0.51	96.20	39.77	0.72
Solano	77.500*	Max WS	APP_TR200_D2	451.02	406.15	409.94		410.72	0.011554	3.91		0.74	115.47	41.20	0.74
Solano	77.500*	Max WS	APP_TR200_D4	425.44	406.15	409.85		410.59	0.011439	3.82		0.69	111.52	40.91	0.74
Solano	77.428*	Max WS	APP_TR200_D3	458.74	405.74	409.72		410.49	0.011874	3.89		0.54	118.25	39.88	0.72
Solano	77.428*	Max WS	APP_TR200_D6	341.71	405.74	409.17		409.81	0.012130	3.53		0.37	96.79	38.22	0.71
Solano	77.428*	Max WS	APP_TR200_D1	339.48	405.74	409.26		409.85	0.010739	3.39		0.38	100.29	38.49	0.67
Solano	77.428*	Max WS	APP_TR200_D2	450.21	405.74	409.73		410.47	0.011408	3.81		0.53	118.35	39.89	0.70
Solano	77.428*	Max WS	APP_TR200_D4	425.25	405.74	409.64		410.34	0.011169	3.71		0.50	114.78	39.61	0.69
Solano	77.357 SOL-74	Max WS	APP_TR200_D3	457.86	405.33	409.60		410.29	0.003666	3.69		0.09	124.18	38.62	0.66
Solano	77.357 SOL-74	Max WS	APP_TR200_D6	341.47	405.33	409.05		409.61	0.003566	3.30		0.07	103.45	37.28	0.63
Solano	77.357 SOL-74	Max WS	APP_TR200_D1	339.26	405.33	409.17		409.67	0.003102	3.15		0.07	107.88	37.66	0.59
Solano	77.357 SOL-74	Max WS	APP_TR200_D2	450.11	405.33	409.61		410.27	0.003499	3.61		0.09	124.67	38.64	0.64
Solano	77.357 SOL-74	Max WS	APP_TR200_D4	425.18	405.33	409.52		410.15	0.003395	3.50		0.08	121.43	38.55	0.63
Solano	77.286*	Max WS	APP_TR200_D3	455.94	404.92	409.59		410.17	0.002680	3.38		0.75	137.02	40.14	0.57
Solano	77.286*	Max WS	APP_TR200_D6	340.70	404.92	409.06		409.51	0.002500	2.97		0.58	115.89	39.03	0.54
Solano	77.286*	Max WS	APP_TR200_D1	338.52	404.92	409.18		409.59	0.002170	2.83		0.57	120.87	39.35	0.50
Solano	77.286*	Max WS	APP_TR200_D2	450.01	404.92	409.61		410.17	0.002570	3.32		0.73	137.73	40.17	0.56
Solano	77.286*	Max WS	APP_TR200_D4	425.09	404.92	409.53		410.05	0.002468	3.21		0.70	134.48	40.04	0.54
Solano valle	77.214 SOL-73	Max WS	APP_TR200_D3	521.85	404.51	407.80	408.34	409.92	0.015886	6.45		0.75	81.10	33.45	1.31
Solano valle	77.214 SOL-73	Max WS	APP_TR200_D6	405.14	404.51	407.34	407.83	409.25	0.017838	6.12		0.09	66.22	31.56	1.35
Solano valle	77.214 SOL-73	Max WS	APP_TR200_D1	418.94	404.51	407.39	407.88	409.34	0.017664	6.18		0.22	67.83	31.71	1.35
Solano valle	77.214 SOL-73	Max WS	APP_TR200_D2	520.03	404.51	407.79	408.34	409.91	0.015950	6.45		0.74	80.79	33.40	1.31
Solano valle	77.214 SOL-73	Max WS	APP_TR200_D4	495.59	404.51	407.69	408.23	409.79	0.016526	6.42		0.64	77.25	32.84	1.32
Solano valle	77.143*	Max WS	APP_TR200_D3	521.81	404.10	407.50	408.01	409.61	0.015135	6.45		0.81	81.22	32.37	1.28
Solano valle	77.143*	Max WS	APP_TR200_D6	405.08	404.10	407.00	407.48	408.93	0.017078	6.16		0.19	65.80	29.98	1.32
Solano valle	77.143*	Max WS	APP_TR200_D1	418.89	404.10	407.05	407.55	409.02	0.016903	6.21		0.30	67.42	30.14	1.32
Solano valle	77.143*	Max WS	APP_TR200_D2	519.88	404.10	407.49	408.00	409.61	0.015194	6.45		0.80	80.88	32.30	1.28
Solano valle	77.143*	Max WS	APP_TR200_D4	495.53	404.10	407.37	407.91	409.48	0.015799	6.44		0.70	77.10	31.57	1.30
Solano valle	77.1			Lat Struct											
Solano valle	77.071*	Max WS	APP_TR200_D3	523.77	403.69	407.20	407.71	409.32	0.014629	6.45		0.88	81.59	31.70	1.26
Solano valle	77.071*	Max WS	APP_TR200_D6	405.59	403.69	406.67	407.16	408.61	0.016072	6.17		0.29	65.79	28.45	1.29
Solano valle	77.071*	Max WS	APP_TR200_D1	419.48	403.69	406.73	407.24	408.71	0.015924	6.23		0.38	67.40	28.63	1.29
Solano valle	77.071*	Max WS	APP_TR200_D2	521.46	403.69	407.19	407.69	409.31	0.014662	6.45		0.88	81.23	31.60	1.26
Solano valle	77.071*	Max WS	APP_TR200_D4	496.13	403.69	407.06	407.59	409.18	0.015102	6.45		0.76	77.21	30.52	1.27
Solano valle	77 SOL-72	Max WS	APP_TR200_D3	536.84	403.28	406.92	407.47	409.13	0.015093	6.59		0.99	82.01	31.55	1.28
Solano valle	77 SOL-72	Max WS	APP_TR200_D6	406.08	403.28	406.37	406.85	408.29	0.014824	6.14		0.40	66.22	27.00	1.24

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Solano valle	77 SOL-72	Max WS	APP_TR200_D1	420.06	403.28	406.43	406.93	408.39	0.014729	6.20		0.47	67.82	27.19	1.24
Solano valle	77 SOL-72	Max WS	APP_TR200_D2	533.57	403.28	406.90	407.46	409.11	0.015092	6.58		0.98	81.63	31.47	1.27
Solano valle	77 SOL-72	Max WS	APP_TR200_D4	498.93	403.28	406.77	407.27	408.90	0.014862	6.47		0.84	77.49	30.05	1.26
Solano valle	76.947*	Max WS	APP_TR200_D3	548.86	402.97	406.62	407.21	408.91	0.015498	6.70		1.06	82.51	31.79	1.30
Solano valle	76.947*	Max WS	APP_TR200_D6	406.57	402.97	406.08	406.56	407.99	0.014815	6.12		0.41	66.46	27.44	1.24
Solano valle	76.947*	Max WS	APP_TR200_D1	420.63	402.97	406.14	406.63	408.09	0.014848	6.18		0.50	68.10	27.86	1.25
Solano valle	76.947*	Max WS	APP_TR200_D2	545.18	402.97	406.61	407.20	408.89	0.015495	6.68		1.05	82.15	31.75	1.29
Solano valle	76.947*	Max WS	APP_TR200_D4	505.23	402.97	406.48	407.03	408.64	0.015277	6.52		0.91	77.94	30.78	1.28
Solano valle	76.895*	Max WS	APP_TR200_D3	555.39	402.65	406.32	406.93	408.65	0.015751	6.77		1.11	82.75	32.00	1.31
Solano valle	76.895*	Max WS	APP_TR200_D6	407.05	402.65	405.79	406.26	407.69	0.014958	6.11		0.44	66.72	28.12	1.25
Solano valle	76.895*	Max WS	APP_TR200_D1	421.20	402.65	405.85	406.32	407.79	0.014977	6.17		0.54	68.38	28.52	1.25
Solano valle	76.895*	Max WS	APP_TR200_D2	551.78	402.65	406.31	406.92	408.63	0.015742	6.75		1.10	82.41	31.97	1.31
Solano valle	76.895*	Max WS	APP_TR200_D4	511.39	402.65	406.18	406.76	408.38	0.015701	6.58		0.97	78.24	31.33	1.30
Solano valle	76.842*	Max WS	APP_TR200_D3	556.08	402.34	406.02	406.63	408.35	0.015755	6.77		1.15	82.88	32.20	1.31
Solano valle	76.842*	Max WS	APP_TR200_D6	407.53	402.34	405.50	405.96	407.39	0.015084	6.10		0.48	66.97	28.73	1.25
Solano valle	76.842*	Max WS	APP_TR200_D1	421.78	402.34	405.56	406.03	407.49	0.015132	6.16		0.59	68.65	29.19	1.26
Solano valle	76.842*	Max WS	APP_TR200_D2	552.45	402.34	406.01	406.61	408.33	0.015741	6.75		1.14	82.55	32.17	1.31
Solano valle	76.842*	Max WS	APP_TR200_D4	511.96	402.34	405.88	406.45	408.08	0.015799	6.58		1.01	78.42	31.76	1.30
Solano valle	76.841			Lat Struct											
Solano valle	76.789 SOL-71	Max WS	APP_TR200_D3	556.77	402.03	405.71	406.32	408.05	0.015779	6.78		1.18	82.99	32.40	1.31
Solano valle	76.789 SOL-71	Max WS	APP_TR200_D6	408.01	402.03	405.20	405.65	407.09	0.015238	6.08		0.53	67.22	29.38	1.26
Solano valle	76.789 SOL-71	Max WS	APP_TR200_D1	422.31	402.03	405.26	405.71	407.18	0.015268	6.15		0.63	68.93	29.81	1.26
Solano valle	76.789 SOL-71	Max WS	APP_TR200_D2	553.05	402.03	405.70	406.30	408.02	0.015760	6.76		1.17	82.66	32.36	1.31
Solano valle	76.789 SOL-71	Max WS	APP_TR200_D4	512.42	402.03	405.57	406.14	407.77	0.015762	6.57		1.04	78.59	31.96	1.30
Solano valle	76.737*	Max WS	APP_TR200_D3	557.46	401.71	405.40	406.01	407.74	0.015809	6.79		1.19	83.04	32.51	1.31
Solano valle	76.737*	Max WS	APP_TR200_D6	408.48	401.71	404.90	405.35	406.78	0.015356	6.07		0.50	67.41	29.83	1.26
Solano valle	76.737*	Max WS	APP_TR200_D1	422.94	401.71	404.96	405.42	406.88	0.015372	6.14		0.60	69.13	30.26	1.27
Solano valle	76.737*	Max WS	APP_TR200_D2	553.81	401.71	405.39	406.00	407.72	0.015794	6.77		1.17	82.71	32.47	1.31
Solano valle	76.737*	Max WS	APP_TR200_D4	513.00	401.71	405.27	405.83	407.47	0.015745	6.57		1.04	78.70	32.10	1.30
Solano valle	76.684*	Max WS	APP_TR200_D3	558.15	401.40	405.09	405.70	407.44	0.015855	6.80		1.19	83.07	32.60	1.31
Solano valle	76.684*	Max WS	APP_TR200_D6	408.96	401.40	404.61	405.05	406.48	0.015452	6.06		0.47	67.58	30.26	1.27
Solano valle	76.684*	Max WS	APP_TR200_D1	423.57	401.40	404.66	405.11	406.58	0.015462	6.13		0.56	69.30	30.74	1.27
Solano valle	76.684*	Max WS	APP_TR200_D2	554.54	401.40	405.08	405.69	407.42	0.015838	6.78		1.18	82.75	32.57	1.31
Solano valle	76.684*	Max WS	APP_TR200_D4	513.66	401.40	404.96	405.52	407.16	0.015753	6.58		1.04	78.79	32.22	1.30
Solano valle	76.632*	Max WS	APP_TR200_D3	558.85	401.09	404.79	405.38	407.14	0.015904	6.80		1.20	83.11	32.69	1.32
Solano valle	76.632*	Max WS	APP_TR200_D6	409.45	401.09	404.31	404.74	406.17	0.015505	6.05		0.42	67.77	30.80	1.27
Solano valle	76.632*	Max WS	APP_TR200_D1	424.19	401.09	404.36	404.84	406.27	0.015512	6.12		0.55	69.49	31.12	1.27
Solano valle	76.632*	Max WS	APP_TR200_D2	555.19	401.09	404.78	405.38	407.12	0.015885	6.78		1.19	82.78	32.66	1.32
Solano valle	76.632*	Max WS	APP_TR200_D4	514.30	401.09	404.66	405.22	406.86	0.015769	6.58		1.04	78.87	32.33	1.30
Solano valle	76.579 SOL-70	Max WS	APP_TR200_D3	559.57	400.77	404.48	405.08	406.84	0.015971	6.81		1.21	83.13	32.77	1.32
Solano valle	76.579 SOL-70	Max WS	APP_TR200_D6	409.95	400.77	404.00	404.48	405.87	0.015531	6.05		0.42	67.97	31.13	1.27
Solano valle	76.579 SOL-70	Max WS	APP_TR200_D1	424.83	400.77	404.06	404.53	405.97	0.015553	6.12		0.56	69.67	31.41	1.27
Solano valle	76.579 SOL-70	Max WS	APP_TR200_D2	555.95	400.77	404.47	405.07	406.82	0.015949	6.79		1.20	82.81	32.74	1.32
Solano valle	76.579 SOL-70	Max WS	APP_TR200_D4	514.88	400.77	404.35	404.91	406.56	0.015792	6.58		1.05	78.95	32.42	1.30
Solano valle	76.526*	Max WS	APP_TR200_D3	560.17	400.46	404.17	404.78	406.53	0.015985	6.82	0.75	1.16	83.76	36.12	1.32
Solano valle	76.526*	Max WS	APP_TR200_D6	410.45	400.46	403.70	404.15	405.56	0.015519	6.03		0.40	68.14	30.97	1.27
Solano valle	76.526*	Max WS	APP_TR200_D1	425.46	400.46	403.76	404.22	405.66	0.015565	6.11		0.53	69.79	31.23	1.27
Solano valle	76.526*	Max WS	APP_TR200_D2	556.60	400.46	404.16	404.75	406.51	0.015976	6.80	0.73	1.15	83.41	36.10	1.32
Solano valle	76.526*	Max WS	APP_TR200_D4	515.54	400.46	404.04	404.60	406.25	0.015846	6.59		1.00	78.81	32.14	1.31
Solano valle	76.5			Lat Struct											
Solano valle	76.474*	Max WS	APP_TR200_D3	560.41	400.14	403.86	404.46	406.23	0.016022	6.83	0.82	1.09	83.57	35.65	1.32
Solano valle	76.474*	Max WS	APP_TR200_D6	410.93	400.14	403.40	403.84	405.25	0.015478	6.02		0.37	68.33	30.78	1.27
Solano valle	76.474*	Max WS	APP_TR200_D1	426.10	400.14	403.45	403.91	405.35	0.015550	6.11		0.50	69.93	31.04	1.27
Solano valle	76.474*	Max WS	APP_TR200_D2	556.93	400.14	403.85	404.45	406.21	0.016012	6.81	0.80	1.08	83.24	35.63	1.32
Solano valle	76.474*	Max WS	APP_TR200_D4	516.18	400.14	403.73	404.29	405.95	0.015915	6.60		0.94	78.67	31.89	1.31
Solano valle	76.421*	Max WS	APP_TR200_D3	560.12	399.83	403.54	404.15	405.92	0.016030	6.83	0.88	1.00	83.44	35.39	1.32
Solano valle	76.421*	Max WS	APP_TR200_D6	411.46	399.83	403.10	403.54	404.94	0.015407	6.01		0.34	68.55	30.59	1.26
Solano valle	76.421*	Max WS	APP_TR200_D1	426.73	399.83	403.15	403.60	405.05	0.015440	6.09		0.46	70.14	30.81	1.27
Solano valle	76.421*	Max WS	APP_TR200_D2	556.68	399.83	403.54	404.13	405.90	0.016015	6.82	0.86	0.99	83.12	35.36	1.32
Solano valle	76.421*	Max WS	APP_TR200_D4	516.75	399.83	403.42	403.98	405.64	0.015917	6.61	0.64	0.86	79.18	35.05	1.31
Solano valle	76.368 SOL-69	Max WS	APP_TR200_D3	559.17	399.52	403.23	403.83	405.59	0.015946	6.82	0.93	1.14	83.90	35.59	1.32
Solano valle	76.368 SOL-69	Max WS	APP_TR200_D6	411.97	399.52	402.80	403.23	404.63	0.015238	5.98		0.24	68.92	32.03	1.26
Solano valle	76.368 SOL-69	Max WS	APP_TR200_D1	427.37	399.52	402.86	403.30	404.73	0.015272	6.07		0.40	70.60	32.36	1.26
Solano valle	76.368 SOL-69	Max WS	APP_TR200_D2	555.83	399.52	403.22	403.81	405.57	0.015932	6.80	0.92	1.12	83.58	35.59	1.32
Solano valle	76.368 SOL-69	Max WS	APP_TR200_D4	517.00	399.52	403.11	403.66	405.33	0.015869	6.60	0.71	0.96	79.67	35.59	1.31
Solano valle	76.316*	Max WS	APP_TR200_D3	546.69	399.20	402.93	403.46	405.17	0.015084	6.64	0.99	1.09	84.41	36.01	1.28
Solano valle	76.316*	Max WS	APP_TR200_D6	412.47	399.20	402.51	402.93	404.31	0.014960	5.95		0.23	69.41	31.91	1.25
Solano valle	76.316*	Max WS	APP_TR200_D1	427.50	399.20	402.56	402.99	404.42	0.014979	6.03		0.37	71.08	32.61	1.25
Solano valle	76.316*	Max WS	APP_TR200_D2	543.76	399.20	402.92	403.46	405.15	0.015084	6.63	0.98	1.08	84.10	36.01	1.28
Solano valle	76.316*	Max WS	APP_TR200_D4	509.35	399.20	402.81	403.32	404.95	0.015258	6.48	0.79	0.91	80.10	36.01	1.28
Solano valle	76.263*	Max WS	APP_TR200_D3	538.75	398.89	402.65	403.12	404.77	0.014149	6.48	1.06	1.06	85.56	36.43	1.25
Solano valle	76.263*	Max WS	APP_TR200_D6	412.98	398.89	402.22	402.62	404.00	0.014530	5.89		0.22	70.15	32.03	1.23
Solano valle	76.263*	Max WS	APP_TR200_D1	427.68	398.89	402.28	402.69	404.09	0.014534	5.97		0.36	71.83	32.86	1.23
Solano valle	76.263*	Max WS	APP_TR200_D2	536.10	398.89	402.64	403.12	404.76	0.014154	6.47	1.05	1.05	85.26	36.43	1.24
Solano valle	76.263*	Max WS	APP_TR200_D4	501.99	398.89	402.52	402.99	404.56	0.014349	6.33	0.88	0.88	81.10	36.43	1.24
Solano valle	76.210*	Max WS	APP_TR200_D3	532.23	398.58	402.38	402.79	404.38	0.013024	6.29	1.13	1.05	87.51	36.84	1.20
Solano valle	76.210*	Max WS	APP_TR200_D6	413.49	398.58	401.95	402.32	403.67	0.013906	5.81	0.40	0.24	71.59	36.22	1.20
Solano valle	76.210*	Max WS	APP_TR200_D1	427.82	398.58	402.00	402.38	403.76	0.013839	5.88	0.53	0.38	73.49	36.84	1.21
Solano valle	76.210*	Max WS	APP_TR200_D2	529.57	398.58	402.37	402.78	404.37	0.013031	6.28	1.12	1.04	87.19	36.84	1.20
Solano valle	76.210*	Max WS	APP_TR200_D4	496.02	398.58	402.25	402.66	404.17	0.013256	6.15	0.97	0.88	82.83	36.84	1.20
Solano valle	76.158 SOL-68	Max WS	APP_TR200_D3	520.88	398.26	402.14	402.44	403.95	0.011400	5.98	1.19	1.05	90.50	37.26	1.12
Solano valle	76.158 SOL-68	Max WS	APP_TR200_D6	413.83	398.26	401.69	402.01	403.34	0.012978	5.69	0.58	0.28	73.51	37.19	1.17
Solano valle	76.158 SOL-68	Max WS	APP_TR200_D1	427.47	398.26	401.74	402.07	403.42	0.012857	5.75	0.69	0.43	75.51	37.26	1.17
Solano valle	76.158 SOL-68	Max WS	APP_TR200_D2	518.55	398.26	402.14	402.43	403.94	0.011415	5.98	1.18	1.04	90.18	37.26	1.13
Solano valle	76.158 SOL-68	Max WS	APP_TR200_D4	488.51	398.26	402.01	402.31	403.77	0.011800	5.90	1.06	0.89	85.54	37.26	1.14
Solano valle	76.105*	Max WS	APP_TR200_D3	521.96	397.95	401.93	402.15	403.61	0.010105	5.77	1.24	1.07	95.39	39.50	1.06
Solano valle	76.105*	Max WS	APP_TR200_D6	414.36	397.95	401.45	401.71	403.00	0.011800	5.53	0.69	0.38	76.30	38.67	1.12
Solano valle	76.105*	Max WS	APP_TR200_D1	427.23	397.95	401.50	401.76	403.08	0.011612	5.57	0.77	0.51	78.51	38.78	1.11
Solano valle	76.105*	Max WS	APP_TR200_D2	519.67	397.95	401.93	402.14	403.59	0.010120	5.76	1.23	1.06	95.04	39.50	1.07
Solano valle	76.105*	Max WS	APP_TR200_D4	489.56	397.95	401.79	402.03	403.43	0.010522	5.70	1.11	0.93	89.82	39.39	1.08
Solano valle	76.053*	Max WS	APP_TR200_D3	538.77	397.63	401.75	401.90	403.36	0.009309	5.68	1.34	1.13	101.40	41.14	1.03
Solano valle	76.053*	Max WS	APP_TR200_D6	414.32	397.63	401.23	401.40	402.66	0.010348	5.31	0.80	0.51	80.46	40.41	1.05
Solano valle	76.053*	Max WS	APP_TR200_D1	428.24	397.63	401.29	401.46	402.75	0.010221	5.36	0.88	0.61	82.86	40.50	1.05
Solano valle	76.053*	Max WS	APP_TR200_D2	535.84	397.63	401.74	401.89	403.34	0.009301	5.67	1.33	1.12	101.04	41.13	1.03

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Solano valle	76.053*	Max WS	APP_TR200_D4	502.91	397.63	401.60	401.76	403.17	0.009629	5.59	1.21	0.99	95.32	40.93	1.04
Solano valle	76 SOL-67	Max WS	APP_TR200_D3	540.72	397.32	401.58	401.60	403.03	0.007936	5.40	1.38	1.14	108.85	42.90	0.96
Solano valle	76 SOL-67	Max WS	APP_TR200_D6	414.13	397.32	401.05	401.10	402.33	0.008751	5.04	0.90	0.62	86.20	42.26	0.97
Solano valle	76 SOL-67	Max WS	APP_TR200_D1	429.03	397.32	401.11	401.16	402.42	0.008685	5.10	0.97	0.71	88.80	42.33	0.97
Solano valle	76 SOL-67	Max WS	APP_TR200_D2	538.10	397.32	401.57	401.60	403.01	0.007938	5.40	1.37	1.13	108.46	42.89	0.96
Solano valle	76 SOL-67	Max WS	APP_TR200_D4	505.58	397.32	401.42	401.47	402.84	0.008246	5.33	1.27	1.03	102.24	42.71	0.97
Solano valle	75.889*	Max WS	APP_TR200_D3	514.98	397.06	401.44	401.35	402.78	0.007166	5.19	1.12	1.16	106.99	41.51	0.90
Solano valle	75.889*	Max WS	APP_TR200_D6	407.38	397.06	400.89	400.88	402.15	0.008417	4.99	0.55	0.73	84.33	40.78	0.95
Solano valle	75.889*	Max WS	APP_TR200_D1	420.00	397.06	400.95	400.94	402.23	0.008281	5.03	0.64	0.80	86.91	40.86	0.95
Solano valle	75.889*	Max WS	APP_TR200_D2	512.49	397.06	401.43	401.34	402.77	0.007166	5.18	1.11	1.15	106.61	41.50	0.90
Solano valle	75.889*	Max WS	APP_TR200_D4	485.09	397.06	401.28	401.22	402.61	0.007565	5.16	1.00	1.07	100.33	41.30	0.92
Solano valle	75.778*	Max WS	APP_TR200_D3	503.72	396.81	401.31	401.13	402.62	0.006804	5.11	0.89	1.20	105.31	40.10	0.87
Solano valle	75.778*	Max WS	APP_TR200_D6	401.38	396.81	400.73	400.62	401.97	0.008089	4.94	0.21	0.83	82.84	35.01	0.92
Solano valle	75.778*	Max WS	APP_TR200_D1	413.05	396.81	400.80	400.68	402.05	0.007936	4.97	0.29	0.89	85.21	37.13	0.92
Solano valle	75.778*	Max WS	APP_TR200_D2	501.03	396.81	401.30	401.12	402.60	0.006792	5.09	0.88	1.19	104.96	40.09	0.87
Solano valle	75.778*	Max WS	APP_TR200_D4	475.25	396.81	401.14	401.00	402.44	0.007214	5.09	0.73	1.12	98.58	39.85	0.89
Solano valle	75.667*	Max WS	APP_TR200_D3	502.83	396.55	401.18	400.93	402.51	0.006742	5.13	0.66	1.26	103.57	38.64	0.86
Solano valle	75.667*	Max WS	APP_TR200_D6	400.96	396.55	400.58	400.44	401.83	0.007928	4.95		0.92	82.64	30.35	0.91
Solano valle	75.667*	Max WS	APP_TR200_D1	413.06	396.55	400.65	400.49	401.91	0.007823	4.98		0.97	84.70	30.35	0.91
Solano valle	75.667*	Max WS	APP_TR200_D2	499.83	396.55	401.17	400.92	402.49	0.006720	5.11	0.65	1.25	103.22	38.62	0.86
Solano valle	75.667*	Max WS	APP_TR200_D4	475.26	396.55	401.01	400.77	402.33	0.007178	5.12	0.44	1.19	96.77	38.33	0.88
Solano valle	75.556*	Max WS	APP_TR200_D3	498.76	396.29	401.06	400.71	402.38	0.006637	5.12	0.37	1.30	101.61	37.09	0.85
Solano valle	75.556*	Max WS	APP_TR200_D6	400.54	396.29	400.44	400.27	401.69	0.007802	4.97		1.00	82.42	29.19	0.90
Solano valle	75.556*	Max WS	APP_TR200_D1	412.87	396.29	400.51		401.78	0.007712	5.00		1.05	84.46	29.20	0.90
Solano valle	75.556*	Max WS	APP_TR200_D2	498.36	396.29	401.05	400.71	402.38	0.006682	5.13	0.36	1.30	101.28	37.07	0.85
Solano valle	75.556*	Max WS	APP_TR200_D4	474.73	396.29	400.87	400.60	402.21	0.007162	5.14	0.14	1.25	95.15	31.68	0.87
Solano valle	75.444*	Max WS	APP_TR200_D3	511.20	396.04	400.93		402.35	0.007035	5.30	0.08	1.39	99.85	29.52	0.86
Solano valle	75.444*	Max WS	APP_TR200_D6	408.59	396.04	400.29	400.14	401.61	0.008102	5.11		1.10	81.89	28.05	0.91
Solano valle	75.444*	Max WS	APP_TR200_D1	421.90	396.04	400.36	400.20	401.71	0.008042	5.16		1.15	83.89	28.05	0.91
Solano valle	75.444*	Max WS	APP_TR200_D2	511.59	396.04	400.92		402.35	0.007106	5.32	0.05	1.39	99.56	29.09	0.87
Solano valle	75.444*	Max WS	APP_TR200_D4	487.50	396.04	400.74		402.17	0.007571	5.33		1.34	94.35	28.05	0.89
Solano valle	75.333*	Max WS	APP_TR200_D3	475.65	395.78	400.81		402.06	0.006118	4.98		1.33	98.99	26.90	0.80
Solano valle	75.333*	Max WS	APP_TR200_D6	389.16	395.78	400.15		401.37	0.007380	4.92		1.11	81.21	26.90	0.86
Solano valle	75.333*	Max WS	APP_TR200_D1	400.80	395.78	400.22		401.46	0.007295	4.95		1.15	83.16	26.90	0.86
Solano valle	75.333*	Max WS	APP_TR200_D2	473.95	395.78	400.80		402.04	0.006129	4.98		1.33	98.70	26.90	0.80
Solano valle	75.333*	Max WS	APP_TR200_D4	457.52	395.78	400.60		401.89	0.006720	5.06		1.31	93.45	26.90	0.83
Solano valle	75.222*	Max WS	APP_TR200_D3	454.33	395.52	400.70		401.86	0.005608	4.80		1.31	98.17	25.75	0.76
Solano valle	75.222*	Max WS	APP_TR200_D6	379.16	395.52	400.01		401.20	0.007050	4.84		1.15	80.49	25.75	0.84
Solano valle	75.222*	Max WS	APP_TR200_D1	390.14	395.52	400.09		401.29	0.006961	4.87		1.18	82.41	25.75	0.83
Solano valle	75.222*	Max WS	APP_TR200_D2	452.88	395.52	400.69		401.85	0.005623	4.80		1.31	97.88	25.75	0.76
Solano valle	75.222*	Max WS	APP_TR200_D4	439.65	395.52	400.48		401.70	0.006259	4.92		1.30	92.55	25.75	0.80
Solano valle	75.111*	Max WS	APP_TR200_D3	469.89	395.27	400.58		401.86	0.006173	5.05		1.40	96.65	24.60	0.79
Solano valle	75.111*	Max WS	APP_TR200_D6	394.39	395.27	399.88		401.20	0.007805	5.12		1.26	79.38	24.60	0.87
Solano valle	75.111*	Max WS	APP_TR200_D1	406.15	395.27	399.95		401.29	0.007726	5.15		1.30	81.25	24.60	0.87
Solano valle	75.111*	Max WS	APP_TR200_D2	478.29	395.27	400.57		401.90	0.006429	5.15		1.42	96.48	24.60	0.80
Solano valle	75.111*	Max WS	APP_TR200_D4	456.01	395.27	400.36		401.71	0.006885	5.18		1.40	91.30	24.60	0.83
Solano valle	75 SOL-66	Max WS	APP_TR200_D3	471.46	395.01	400.46		401.80	0.006462	5.17		1.45	94.88	23.45	0.79
Solano valle	75 SOL-66	Max WS	APP_TR200_D6	398.24	395.01	399.73		401.14	0.008346	5.28		1.34	77.70	23.45	0.89
Solano valle	75 SOL-66	Max WS	APP_TR200_D1	409.77	395.01	399.80		401.23	0.008249	5.32		1.38	79.52	23.45	0.89
Solano valle	75 SOL-66	Max WS	APP_TR200_D2	466.96	395.01	400.45		401.77	0.006380	5.13		1.43	94.68	23.45	0.79
Solano valle	75 SOL-66	Max WS	APP_TR200_D4	455.47	395.01	400.23		401.63	0.007170	5.28		1.45	89.52	23.45	0.83
Solano valle	74.857*	Max WS	APP_TR200_D3	433.76	394.94	400.40		401.31	0.004046	4.26	0.33	1.16	105.68	26.07	0.65
Solano valle	74.857*	Max WS	APP_TR200_D6	366.09	394.94	399.59		400.59	0.005822	4.45	0.04	1.13	84.57	25.76	0.76
Solano valle	74.857*	Max WS	APP_TR200_D1	376.29	394.94	399.67		400.68	0.005701	4.47	0.10	1.15	86.63	25.79	0.75
Solano valle	74.857*	Max WS	APP_TR200_D2	432.08	394.94	400.39		401.30	0.004057	4.26	0.33	1.16	105.32	26.07	0.65
Solano valle	74.857*	Max WS	APP_TR200_D4	417.49	394.94	400.11		401.09	0.004726	4.40	0.28	1.19	98.19	26.00	0.70
Solano valle	74.715*	Max WS	APP_TR200_D3	430.84	394.87	400.47		401.16	0.002677	3.72	0.23	0.98	120.10	28.25	0.56
Solano valle	74.715*	Max WS	APP_TR200_D6	360.76	394.87	399.53		400.32	0.004143	3.96	0.23	0.99	93.65	28.20	0.67
Solano valle	74.715*	Max WS	APP_TR200_D1	372.55	394.87	399.61		400.42	0.004083	3.99	0.23	1.01	96.02	28.20	0.67
Solano valle	74.715*	Max WS	APP_TR200_D2	429.72	394.87	400.45		401.15	0.002695	3.73	0.23	0.98	119.66	28.25	0.56
Solano valle	74.715*	Max WS	APP_TR200_D4	429.30	394.87	400.09		400.92	0.003569	4.05	0.25	1.06	109.50	28.23	0.64
Solano valle	74.7			Lat Struct											
Solano valle	74.572 SOL-65	Max WS	APP_TR200_D3	458.47	394.80	400.38		401.05	0.002531	3.63	0.08	0.96	130.28	31.02	0.55
Solano valle	74.572 SOL-65	Max WS	APP_TR200_D6	367.20	394.80	399.50		400.17	0.003386	3.63	0.02	0.93	103.59	30.33	0.61
Solano valle	74.572 SOL-65	Max WS	APP_TR200_D1	380.26	394.80	399.59		400.27	0.003365	3.68	0.02	0.95	106.08	30.33	0.61
Solano valle	74.572 SOL-65	Max WS	APP_TR200_D2	463.13	394.80	400.40		401.08	0.002543	3.65	0.09	0.96	130.92	31.02	0.55
Solano valle	74.572 SOL-65	Max WS	APP_TR200_D4	441.07	394.80	400.06		400.78	0.003011	3.77	0.03	0.99	120.43	30.33	0.59
Solano valle	74.429*	Max WS	APP_TR200_D3	460.75	394.72	400.32		400.89	0.002066	3.36	0.22	0.87	142.01	34.18	0.51
Solano valle	74.429*	Max WS	APP_TR200_D6	376.86	394.72	399.48		400.06	0.002771	3.38	0.09	0.87	114.03	32.66	0.57
Solano valle	74.429*	Max WS	APP_TR200_D1	390.32	394.72	399.56		400.16	0.002756	3.43	0.09	0.88	116.74	32.66	0.57
Solano valle	74.429*	Max WS	APP_TR200_D2	460.89	394.72	400.32		400.89	0.002065	3.36	0.22	0.87	142.06	34.18	0.51
Solano valle	74.429*	Max WS	APP_TR200_D4	455.39	394.72	400.02		400.66	0.002544	3.56	0.12	0.92	131.81	34.18	0.56
Solano valle	74.286*	Max WS	APP_TR200_D3	508.50	394.65	400.22		400.82	0.002267	3.45	0.40	0.91	152.87	37.34	0.52
Solano valle	74.286*	Max WS	APP_TR200_D6	386.63	394.65	399.46		399.97	0.002446	3.16	0.12	0.83	124.99	35.00	0.52
Solano valle	74.286*	Max WS	APP_TR200_D1	400.94	394.65	399.54		400.06	0.002446	3.21	0.12	0.85	127.82	35.00	0.53
Solano valle	74.286*	Max WS	APP_TR200_D2	497.58	394.65	400.21		400.79	0.002176	3.37	0.39	0.89	152.73	37.34	0.51
Solano valle	74.286*	Max WS	APP_TR200_D4	473.12	394.65	399.98		400.56	0.002365	3.39	0.31	0.90	143.88	37.34	0.53
Solano valle	74.143 SOL-64	Max WS	APP_TR200_D3	520.88	394.58	400.18		400.72	0.002044	3.25	0.60	0.86	166.75	40.50	0.49
Solano valle	74.143 SOL-64	Max WS	APP_TR200_D6	398.70	394.58	399.44		399.89	0.002212	2.99	0.22	0.81	136.43	40.50	0.49
Solano valle	74.143 SOL-64	Max WS	APP_TR200_D1	413.37	394.58	399.52		399.98	0.002211	3.04	0.29	0.82	139.75	40.50	0.49
Solano valle	74.143 SOL-64	Max WS	APP_TR200_D2	519.09	394.58	400.17		400.70	0.002049	3.25	0.60	0.86	166.27	40.50	0.49
Solano valle	74.143 SOL-64	Max WS	APP_TR200_D4	489.27	394.58	399.95		400.47	0.002162	3.22	0.53	0.86	157.23	40.50	0.50
Solano valle	74.072*	Max WS	APP_TR200_D3	540.99	394.55	400.14		400.68	0.002051	3.27	0.60	0.89	171.77	40.79	0.49
Solano valle	74.072*	Max WS	APP_TR200_D6	407.29	394.55	399.41		399.85	0.002098	2.94	0.32	0.81	142.19	40.79	0.48
Solano valle	74.072*	Max WS	APP_TR200_D1	423.11	394.55	399.49		399.94	0.002114	2.99	0.37	0.82	145.37	40.79	0.49
Solano valle	74.072*	Max WS	APP_TR200_D2	539.06	394.55	400.13		400.67	0.002045	3.26	0.60	0.89	171.52	40.79	0.49
Solano valle	74.072*	Max WS	APP_TR200_D4	502.47	394.55	399.91		400.43	0.002100	3.19	0.54	0.88	162.64	40.79	0.49
Solano valle	74 SOL-63	Max WS	APP_TR200_D3	549.42	394.51	400.13		400.64	0.001923	3.19	0.52	0.89	178.00	41.07	0.48
Solano valle	74 SOL-63	Max WS	APP_TR200_D6	412.77	394.51	399.40		399.82	0.001944	2.86	0.36	0.80	148.27	41.07	0.47
Solano valle	74 SOL-63	Max WS	APP_TR200_D1	428.05	394.51	399.48		399.91	0.001948	2.90	0.39	0.82	151.60	41.07	0.47
Solano valle	74 SOL-63	Max WS	APP_TR200_D2	544.22	394.51	400.12		400.63	0.001893	3.16	0.51	0.88	177.82	41.07	0.47
Solano valle	74 SOL-63	Max WS	APP_TR200_D4	509.13	394.51	399.90		400.39	0.001955	3.11	0.49	0.87	168.84	41.07	0.48
Solano valle	73.900*	Max WS	APP_TR200_D3	549.22	394.51	400.12		400.63	0.001812	3.15	0.52	0.84	179.89	40.42	0.47
Solano valle	73.900*	Max WS	APP_TR200_D6	415.13	394.51	399.40		399.80	0.001828	2.83	0.40	0.77	150.59	40.42	0.46

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Solano valle	73.900*	Max WS	APP_TR200_D1	430.02	394.51	399.48		399.90	0.001829	2.87	0.42	0.78	153.93	40.42	0.46
Solano valle	73.900*	Max WS	APP_TR200_D2	548.69	394.51	400.11		400.62	0.001820	3.16	0.52	0.84	179.53	40.42	0.47
Solano valle	73.900*	Max WS	APP_TR200_D4	510.58	394.51	399.90		400.38	0.001844	3.08	0.50	0.83	170.95	40.42	0.47
Solano valle	73.800*	Max WS	APP_TR200_D3	549.37	394.52	400.13		400.62	0.001705	3.12	0.52	0.79	182.00	39.78	0.46
Solano valle	73.800*	Max WS	APP_TR200_D6	415.76	394.52	399.40		399.79	0.001710	2.79	0.42	0.73	152.85	39.78	0.44
Solano valle	73.800*	Max WS	APP_TR200_D1	430.43	394.52	399.48		399.89	0.001712	2.83	0.44	0.74	156.15	39.78	0.45
Solano valle	73.800*	Max WS	APP_TR200_D2	547.83	394.52	400.13		400.62	0.001704	3.11	0.52	0.79	181.70	39.78	0.46
Solano valle	73.800*	Max WS	APP_TR200_D4	508.64	394.52	399.91		400.38	0.001713	3.03	0.50	0.78	173.24	39.78	0.45
Solano valle	73.700*	Max WS	APP_TR200_D3	553.33	394.52	400.12		400.61	0.001662	3.12	0.53	0.74	182.88	39.14	0.45
Solano valle	73.700*	Max WS	APP_TR200_D6	416.39	394.52	399.40		399.79	0.001613	2.76	0.44	0.69	154.73	39.14	0.43
Solano valle	73.700*	Max WS	APP_TR200_D1	431.11	394.52	399.48		399.88	0.001618	2.80	0.45	0.70	157.96	39.14	0.44
Solano valle	73.700*	Max WS	APP_TR200_D2	551.51	394.52	400.11		400.60	0.001660	3.12	0.52	0.74	182.60	39.14	0.45
Solano valle	73.700*	Max WS	APP_TR200_D4	511.81	394.52	399.90		400.36	0.001658	3.02	0.51	0.73	174.39	39.14	0.45
Solano valle	73.600*	Max WS	APP_TR200_D3	545.44	394.52	400.15		400.61	0.001515	3.04	0.51	0.67	185.11	38.49	0.44
Solano valle	73.600*	Max WS	APP_TR200_D6	417.00	394.52	399.40		399.78	0.001531	2.74	0.45	0.64	156.27	38.49	0.43
Solano valle	73.600*	Max WS	APP_TR200_D1	431.12	394.52	399.48		399.87	0.001531	2.77	0.46	0.64	159.53	38.49	0.43
Solano valle	73.600*	Max WS	APP_TR200_D2	544.21	394.52	400.14		400.61	0.001517	3.03	0.51	0.67	184.79	38.49	0.44
Solano valle	73.600*	Max WS	APP_TR200_D4	506.63	394.52	399.92		400.36	0.001528	2.96	0.50	0.66	176.40	38.49	0.43
Solano valle	73.500*	Max WS	APP_TR200_D3	537.09	394.52	400.18		400.62	0.001387	2.96	0.50	0.59	186.96	37.84	0.42
Solano valle	73.500*	Max WS	APP_TR200_D6	417.61	394.52	399.40		399.77	0.001464	2.72	0.46	0.58	157.44	37.84	0.42
Solano valle	73.500*	Max WS	APP_TR200_D1	431.25	394.52	399.48		399.87	0.001460	2.75	0.46	0.58	160.71	37.84	0.42
Solano valle	73.500*	Max WS	APP_TR200_D2	535.76	394.52	400.17		400.61	0.001388	2.95	0.50	0.59	186.63	37.84	0.42
Solano valle	73.500*	Max WS	APP_TR200_D4	501.32	394.52	399.94		400.36	0.001417	2.89	0.49	0.59	178.02	37.84	0.42
Solano valle	73.400*	Max WS	APP_TR200_D3	538.86	394.53	400.17	397.89	400.61	0.001356	2.96	0.50	0.52	187.07	37.20	0.42
Solano valle	73.400*	Max WS	APP_TR200_D6	419.23	394.53	399.39	397.45	399.76	0.001419	2.71	0.46	0.52	158.13	37.20	0.41
Solano valle	73.400*	Max WS	APP_TR200_D1	432.78	394.53	399.48	397.51	399.86	0.001416	2.74	0.47	0.52	161.36	37.20	0.42
Solano valle	73.400*	Max WS	APP_TR200_D2	537.44	394.53	400.16	397.90	400.60	0.001357	2.96	0.50	0.52	186.75	37.20	0.42
Solano valle	73.400*	Max WS	APP_TR200_D4	502.06	394.53	399.94	397.75	400.36	0.001374	2.89	0.49	0.52	178.44	37.20	0.42
Solano valle	73.3			Bridge											
Solano valle	73.100*	Max WS	APP_TR200_D3	538.85	394.54	399.50		400.08	0.001944	3.35	0.57	0.27	163.20	35.27	0.49
Solano valle	73.100*	Max WS	APP_TR200_D6	419.23	394.54	398.82		399.29	0.001988	3.06	0.53	0.28	139.06	35.27	0.49
Solano valle	73.100*	Max WS	APP_TR200_D1	432.79	394.54	398.90		399.39	0.001984	3.09	0.54	0.28	141.87	35.27	0.49
Solano valle	73.100*	Max WS	APP_TR200_D2	537.42	394.54	399.50		400.07	0.001945	3.35	0.57	0.27	162.91	35.27	0.49
Solano valle	73.100*	Max WS	APP_TR200_D4	502.06	394.54	399.30		399.84	0.001961	3.27	0.56	0.28	155.90	35.27	0.49
Solano valle	73 SOL-62	Max WS	APP_TR200_D3	540.27	394.54	399.49	397.72	400.07	0.002177	3.37	0.61		162.34	34.62	0.49
Solano valle	73 SOL-62	Max WS	APP_TR200_D6	419.36	394.54	398.81	397.25	399.29	0.002139	3.05	0.56		138.92	34.62	0.48
Solano valle	73 SOL-62	Max WS	APP_TR200_D1	432.97	394.54	398.89	397.31	399.38	0.002145	3.09	0.57		141.66	34.62	0.48
Solano valle	73 SOL-62	Max WS	APP_TR200_D2	538.81	394.54	399.48	397.71	400.06	0.002177	3.36	0.61		162.07	34.62	0.49
Solano valle	73 SOL-62	Max WS	APP_TR200_D4	502.81	394.54	399.29	397.58	399.83	0.002167	3.27	0.60		155.30	34.62	0.49
Solano valle	72.8			Inl Struct											
Solano valle	72.667*	Max WS	APP_TR200_D3	540.26	394.10	396.77	397.38	399.04	0.019372	6.68		1.10	81.25	36.36	1.41
Solano valle	72.667*	Max WS	APP_TR200_D6	419.36	394.10	396.42	396.91	398.34	0.020230	6.14		0.84	68.46	36.03	1.41
Solano valle	72.667*	Max WS	APP_TR200_D1	432.97	394.10	396.46	396.97	398.42	0.020136	6.21		0.87	69.93	36.07	1.41
Solano valle	72.667*	Max WS	APP_TR200_D2	538.81	394.10	396.77	397.37	399.04	0.019395	6.67		1.10	81.08	36.36	1.41
Solano valle	72.667*	Max WS	APP_TR200_D4	502.80	394.10	396.66	397.24	398.83	0.019665	6.53		1.03	77.32	36.26	1.42
Solano valle	72.333*	Max WS	APP_TR200_D3	551.21	393.65	396.51	397.09	398.72	0.018663	6.58		1.04	84.09	38.13	1.40
Solano valle	72.333*	Max WS	APP_TR200_D6	419.85	393.65	396.15	396.60	397.97	0.019068	5.98		0.75	70.39	37.46	1.38
Solano valle	72.333*	Max WS	APP_TR200_D1	434.12	393.65	396.19	396.66	398.05	0.019019	6.05		0.79	71.96	37.58	1.39
Solano valle	72.333*	Max WS	APP_TR200_D2	549.54	393.65	396.51	397.09	398.71	0.018674	6.57		1.03	83.92	38.13	1.40
Solano valle	72.333*	Max WS	APP_TR200_D4	509.87	393.65	396.40	396.94	398.49	0.018840	6.40		0.95	79.87	38.02	1.40
Solano valle	72 SOL-61	Max WS	APP_TR200_D3	552.66	393.21	396.26	396.78	398.32	0.017196	6.36		0.96	87.19	39.28	1.35
Solano valle	72 SOL-61	Max WS	APP_TR200_D6	420.22	393.21	395.90	396.31	397.59	0.017368	5.76		0.67	73.03	38.30	1.33
Solano valle	72 SOL-61	Max WS	APP_TR200_D1	434.57	393.21	395.94	396.36	397.67	0.017343	5.83		0.71	74.64	38.41	1.33
Solano valle	72 SOL-61	Max WS	APP_TR200_D2	550.71	393.21	396.26	396.78	398.31	0.017185	6.35		0.96	87.01	39.26	1.35
Solano valle	72 SOL-61	Max WS	APP_TR200_D4	510.46	393.21	396.15	396.62	398.10	0.017235	6.18		0.88	82.82	38.98	1.34
Solano valle	71.857*	Max WS	APP_TR200_D3	554.69	392.72	395.92	396.44	397.99	0.017365	6.38		0.89	87.23	39.41	1.36
Solano valle	71.857*	Max WS	APP_TR200_D6	420.73	392.72	395.55	395.97	397.26	0.017547	5.78		0.58	72.90	38.33	1.33
Solano valle	71.857*	Max WS	APP_TR200_D1	435.21	392.72	395.60	396.02	397.34	0.017503	5.84		0.62	74.54	38.46	1.33
Solano valle	71.857*	Max WS	APP_TR200_D2	552.78	392.72	395.92	396.44	397.98	0.017357	6.37		0.88	87.05	39.40	1.36
Solano valle	71.857*	Max WS	APP_TR200_D4	511.83	392.72	395.81	396.30	397.77	0.017383	6.19		0.80	82.82	39.08	1.35
Solano valle	71.714*	Max WS	APP_TR200_D3	556.82	392.24	395.58	396.11	397.66	0.017613	6.40		0.81	87.21	39.57	1.37
Solano valle	71.714*	Max WS	APP_TR200_D6	421.30	392.24	395.21	395.63	396.92	0.017798	5.80		0.47	72.73	38.38	1.34
Solano valle	71.714*	Max WS	APP_TR200_D1	436.07	392.24	395.25	395.69	397.00	0.017757	5.87		0.51	74.39	38.52	1.34
Solano valle	71.714*	Max WS	APP_TR200_D2	555.01	392.24	395.57	396.10	397.66	0.017621	6.39		0.80	87.02	39.56	1.37
Solano valle	71.714*	Max WS	APP_TR200_D4	513.78	392.24	395.47	395.97	397.44	0.017624	6.21		0.72	82.80	39.21	1.36
Solano valle	71.571*	Max WS	APP_TR200_D3	557.55	391.75	395.23	395.76	397.32	0.017845	6.41		0.72	87.15	39.76	1.37
Solano valle	71.571*	Max WS	APP_TR200_D6	421.82	391.75	394.85	395.28	396.58	0.018156	5.82		0.34	72.46	38.44	1.35
Solano valle	71.571*	Max WS	APP_TR200_D1	436.70	391.75	394.90	395.34	396.67	0.018092	5.89		0.39	74.17	38.59	1.35
Solano valle	71.571*	Max WS	APP_TR200_D2	555.74	391.75	395.23	395.76	397.31	0.017844	6.40		0.72	86.96	39.74	1.37
Solano valle	71.571*	Max WS	APP_TR200_D4	514.37	391.75	395.12	395.62	397.09	0.017844	6.22		0.62	82.73	39.37	1.36
Solano valle	71.429*	Max WS	APP_TR200_D3	558.28	391.26	394.88	395.41	396.98	0.018115	6.42		0.62	87.09	39.98	1.38
Solano valle	71.429*	Max WS	APP_TR200_D6	422.33	391.26	394.49	394.94	396.25	0.018771	5.87		0.15	71.94	38.49	1.37
Solano valle	71.429*	Max WS	APP_TR200_D1	437.33	391.26	394.54	394.99	396.33	0.018632	5.93		0.23	73.73	38.67	1.37
Solano valle	71.429*	Max WS	APP_TR200_D2	556.45	391.26	394.87	395.40	396.97	0.018114	6.41		0.62	86.90	39.96	1.38
Solano valle	71.429*	Max WS	APP_TR200_D4	515.03	391.26	394.76	395.27	396.75	0.018177	6.24		0.51	82.57	39.54	1.37
Solano valle	71.286*	Max WS	APP_TR200_D3	559.01	390.77	394.52	395.05	396.63	0.018491	6.43		0.51	86.94	40.23	1.39
Solano valle	71.286*	Max WS	APP_TR200_D6	422.84	390.77	394.12	394.59	395.92	0.019457	5.95			71.09	38.22	1.39
Solano valle	71.286*	Max WS	APP_TR200_D1	437.97	390.77	394.17	394.65	396.00	0.019363	6.00			73.01	38.61	1.39
Solano valle	71.286*	Max WS	APP_TR200_D2	557.22	390.77	394.52	395.05	396.62	0.018493	6.43		0.50	86.76	40.21	1.39
Solano valle	71.286*	Max WS	APP_TR200_D4	515.69	390.77	394.40	394.90	396.41	0.018663	6.27		0.37	82.25	39.73	1.39
Solano valle	71.143*	Max WS	APP_TR200_D3	559.50	390.29	394.15	394.69	396.28	0.018860	6.46	0.31	0.36	86.66	40.64	1.40
Solano valle	71.143*	Max WS	APP_TR200_D6	423.37	390.29	393.73	394.24	395.60	0.020313	6.06			69.88	37.67	1.42
Solano valle	71.143*	Max WS	APP_TR200_D1	438.60	390.29	393.78	394.29	395.68	0.020134	6.10			71.90	38.11	1.42
Solano valle	71.143*	Max WS	APP_TR200_D2	557.80	390.29	394.15	394.68	396.27	0.018870	6.45	0.30	0.35	86.48	40.64	1.40
Solano valle	71.143*	Max WS	APP_TR200_D4	516.34	390.29	394.03	394.56	396.07	0.019401	6.32		0.18	81.66	39.93	1.41
Solano valle	71 SOL-60	Max WS	APP_TR200_D3	561.12	389.80	393.78	394.35	395.95	0.019739	6.53			85.93	40.24	1.43
Solano valle	71 SOL-60	Max WS	APP_TR200_D6	423.89	389.80	393.31	393.89	395.30	0.021798	6.23			68.01	36.94	1.47
Solano valle	71 SOL-60	Max WS	APP_TR200_D1	439.24	389.80	393.37	393.94	395.37	0.021460	6.26			70.19	37.44	1.46
Solano valle	71 SOL-60	Max WS	APP_TR200_D2	559.40	389.80	393.77	394.34	395.94	0.019752	6.52			85.75	40.24	1.43
Solano valle	71 SOL-60	Max WS	APP_TR200_D4	517.52	389.80	393.64	394.21	395.74	0.020371	6.42			80.59	39.78	1.44
Solano valle	70.750*	Max WS	APP_TR200_D3	568.36	389.48	393.41	393.97	395.58	0.017926	6.53	0.11	0.16	87.05	38.22	1.38
Solano valle	70.750*	Max WS	APP_TR200_D6	425.33	389.48	392.91	393.45	394.86	0.019651	6.18			68.79	34.97	1.41
Solano valle	70.750*	Max WS	APP_TR200_D1	441.89	389.48	392.97	393.51	394.94	0.019346	6.22			71.05	35.38	1.40
Solano valle	70.750*	Max WS	APP_TR200_D2	566.61	389.48	393.40	393.96	395.57	0.017941	6.52	0.09	0.15	86.85	38.17	1.38

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Solano valle	70.750*	Max WS	APP_TR200_D4	523.77	389.48	393.26	393.80	395.36	0.018365	6.42			81.59	37.22	1.38
Solano valle	70.500*	Max WS	APP_TR200_D3	573.96	389.15	393.07	393.58	395.19	0.015680	6.45		0.22	89.05	35.78	1.30
Solano valle	70.500*	Max WS	APP_TR200_D6	427.91	389.15	392.54	393.03	394.41	0.017092	6.06			70.66	33.26	1.33
Solano valle	70.500*	Max WS	APP_TR200_D1	445.30	389.15	392.61	393.10	394.51	0.016856	6.10			72.98	33.60	1.32
Solano valle	70.500*	Max WS	APP_TR200_D2	572.20	389.15	393.07	393.56	395.18	0.015690	6.44		0.22	88.85	35.76	1.30
Solano valle	70.500*	Max WS	APP_TR200_D4	528.86	389.15	392.92	393.42	394.96	0.016097	6.33			83.57	35.11	1.31
Solano valle	70.250*	Max WS	APP_TR200_D3	574.67	388.83	392.79	393.19	394.79	0.013257	6.26		0.33	91.81	33.77	1.21
Solano valle	70.250*	Max WS	APP_TR200_D6	428.42	388.83	392.23	392.60	393.96	0.014158	5.82			73.65	31.69	1.22
Solano valle	70.250*	Max WS	APP_TR200_D1	445.95	388.83	392.31	392.67	394.06	0.013997	5.87			75.99	31.97	1.22
Solano valle	70.250*	Max WS	APP_TR200_D2	572.95	388.83	392.78	393.18	394.78	0.013260	6.25		0.32	91.62	33.75	1.21
Solano valle	70.250*	Max WS	APP_TR200_D4	529.54	388.83	392.63	393.07	394.54	0.013555	6.12		0.05	86.47	33.22	1.21
Solano valle	70 SOL-59	Max WS	APP_TR200_D3	575.44	388.51	392.55	392.79	394.42	0.011134	6.06		0.44	95.09	31.94	1.11
Solano valle	70 SOL-59	Max WS	APP_TR200_D6	428.95	388.51	391.98	392.17	393.54	0.011448	5.53			77.51	30.17	1.10
Solano valle	70 SOL-59	Max WS	APP_TR200_D1	446.57	388.51	392.06	392.23	393.65	0.011391	5.60			79.81	30.41	1.10
Solano valle	70 SOL-59	Max WS	APP_TR200_D2	573.74	388.51	392.54	392.77	394.41	0.011131	6.05		0.43	94.92	31.92	1.11
Solano valle	70 SOL-59	Max WS	APP_TR200_D4	530.22	388.51	392.38	392.61	394.16	0.011220	5.90		0.26	89.96	31.44	1.11
Solano valle	69.667*	Max WS	APP_TR200_D3	574.14	388.15	392.36	392.57	394.25	0.010460	6.09	0.71	0.78	94.99	31.95	1.09
Solano valle	69.667*	Max WS	APP_TR200_D6	429.40	388.15	391.79	391.96	393.36	0.010989	5.56		0.41	77.22	29.34	1.09
Solano valle	69.667*	Max WS	APP_TR200_D1	447.14	388.15	391.86	392.11	393.48	0.010912	5.63		0.47	79.51	29.58	1.09
Solano valle	69.667*	Max WS	APP_TR200_D2	572.59	388.15	392.35	392.57	394.24	0.010464	6.09	0.70	0.77	94.81	31.94	1.09
Solano valle	69.667*	Max WS	APP_TR200_D4	530.67	388.15	392.19	392.40	394.00	0.010692	5.95	0.51	0.69	89.73	31.79	1.10
Solano valle	69.333*	Max WS	APP_TR200_D3	566.48	387.78	392.19	392.32	394.08	0.009622	6.11	0.85	0.87	93.88	29.08	1.06
Solano valle	69.333*	Max WS	APP_TR200_D6	428.05	387.78	391.60	391.73	393.19	0.010398	5.59	0.59	0.66	76.98	28.73	1.07
Solano valle	69.333*	Max WS	APP_TR200_D1	444.89	387.78	391.68	391.81	393.31	0.010222	5.65	0.64	0.69	79.27	28.78	1.07
Solano valle	69.333*	Max WS	APP_TR200_D2	564.92	387.78	392.18	392.31	394.07	0.009624	6.10	0.85	0.87	93.71	29.07	1.06
Solano valle	69.333*	Max WS	APP_TR200_D4	524.16	387.78	392.02	392.15	393.82	0.009782	5.95	0.80	0.81	88.99	28.98	1.06
Solano valle	69 SOL-58	Max WS	APP_TR200_D3	567.13	387.42	392.01	392.16	394.03	0.010274	6.30		0.89	90.81	26.05	1.07
Solano valle	69 SOL-58	Max WS	APP_TR200_D6	428.50	387.42	391.42	391.53	393.08	0.010465	5.71		0.73	75.44	25.82	1.06
Solano valle	69 SOL-58	Max WS	APP_TR200_D1	445.46	387.42	391.50	391.61	393.20	0.010372	5.78		0.75	77.55	25.86	1.06
Solano valle	69 SOL-58	Max WS	APP_TR200_D2	565.58	387.42	392.01	392.16	394.02	0.010271	6.29		0.89	90.66	26.05	1.06
Solano valle	69 SOL-58	Max WS	APP_TR200_D4	524.74	387.42	391.84	391.97	393.75	0.010267	6.12		0.84	86.40	25.99	1.06
Solano valle	68.99			Lat Struct											
Solano valle	68.500*	Max WS	APP_TR200_D3	568.55	387.04	391.88	392.07	394.03	0.011240	6.49		0.28	87.62	23.95	1.08
Solano valle	68.500*	Max WS	APP_TR200_D6	429.23	387.04	391.29	391.39	393.02	0.010903	5.84			73.54	23.43	1.05
Solano valle	68.500*	Max WS	APP_TR200_D1	446.89	387.04	391.37	391.48	393.16	0.010973	5.92			75.46	23.56	1.06
Solano valle	68.500*	Max WS	APP_TR200_D2	567.05	387.04	391.87	392.06	394.02	0.011236	6.48		0.28	87.48	23.95	1.08
Solano valle	68.500*	Max WS	APP_TR200_D4	526.72	387.04	391.71	391.88	393.73	0.011198	6.30		0.18	83.56	23.88	1.07
Solano valle	68 SOL-57	Max WS	APP_TR200_D3	567.47	386.66	391.72	392.07	394.23	0.013589	7.01			80.95	20.61	1.13
Solano valle	68 SOL-57	Max WS	APP_TR200_D6	430.18	386.66	391.14	391.30	393.11	0.012203	6.22			69.18	19.90	1.07
Solano valle	68 SOL-57	Max WS	APP_TR200_D1	448.01	386.66	391.22	391.40	393.27	0.012400	6.33			70.77	20.00	1.07
Solano valle	68 SOL-57	Max WS	APP_TR200_D2	566.03	386.66	391.72	392.07	394.22	0.013574	7.00			80.84	20.60	1.13
Solano valle	68 SOL-57	Max WS	APP_TR200_D4	526.95	386.66	391.56	391.85	393.91	0.013242	6.80			77.52	20.41	1.11
Solano valle	67.750*	Max WS	APP_TR200_D3	568.67	386.62	391.52	391.64	393.58	0.010811	6.37			89.30	23.79	1.05
Solano valle	67.750*	Max WS	APP_TR200_D6	430.72	386.62	390.95	390.95	392.59	0.010017	5.67			76.01	23.48	1.01
Solano valle	67.750*	Max WS	APP_TR200_D1	448.61	386.62	391.03	391.05	392.72	0.010121	5.76			77.84	23.52	1.01
Solano valle	67.750*	Max WS	APP_TR200_D2	567.27	386.62	391.51	391.63	393.57	0.010802	6.36			89.18	23.78	1.05
Solano valle	67.750*	Max WS	APP_TR200_D4	528.22	386.62	391.35	391.44	393.30	0.010628	6.18			85.45	23.70	1.04
Solano valle	67.500*	Max WS	APP_TR200_D3	571.53	386.58	391.34	391.43	393.27	0.010391	6.15			92.89	26.26	1.04
Solano valle	67.500*	Max WS	APP_TR200_D6	431.15	386.58	390.78	390.80	392.32	0.009854	5.49			78.47	25.99	1.01
Solano valle	67.500*	Max WS	APP_TR200_D1	448.97	386.58	390.86	390.88	392.45	0.009903	5.58			80.46	26.05	1.01
Solano valle	67.500*	Max WS	APP_TR200_D2	570.10	386.58	391.33	391.43	393.26	0.010385	6.15			92.75	26.25	1.04
Solano valle	67.500*	Max WS	APP_TR200_D4	530.04	386.58	391.18	391.25	393.00	0.010276	5.98			88.69	26.21	1.04
Solano valle	67.250*	Max WS	APP_TR200_D3	575.03	386.54	391.14	391.44	393.21	0.012609	6.37			90.25	28.53	1.14
Solano valle	67.250*	Max WS	APP_TR200_D6	431.60	386.54	390.59	390.82	392.29	0.012549	5.77			74.83	27.91	1.12
Solano valle	67.250*	Max WS	APP_TR200_D1	449.54	386.54	390.67	390.90	392.41	0.012493	5.84			76.96	28.00	1.13
Solano valle	67.250*	Max WS	APP_TR200_D2	573.55	386.54	391.14	391.42	393.20	0.012608	6.37			90.10	28.52	1.14
Solano valle	67.250*	Max WS	APP_TR200_D4	531.56	386.54	390.98	391.25	392.94	0.012591	6.20			85.73	28.37	1.14
Solano valle	67 SOL-56	Max WS	APP_TR200_D3	576.38	386.50	390.88	391.57	393.52	0.018578	7.20			80.05	27.50	1.35
Solano valle	67 SOL-56	Max WS	APP_TR200_D6	432.04	386.50	390.35	390.90	392.50	0.016321	6.49			66.54	24.22	1.25
Solano valle	67 SOL-56	Max WS	APP_TR200_D1	450.08	386.50	390.42	391.04	392.63	0.016535	6.58			68.38	24.62	1.26
Solano valle	67 SOL-56	Max WS	APP_TR200_D2	574.90	386.50	390.87	391.56	393.51	0.018542	7.19			79.92	27.45	1.35
Solano valle	67 SOL-56	Max WS	APP_TR200_D4	532.14	386.50	390.72	391.41	393.23	0.017707	7.00			75.97	26.18	1.31
Solano valle	66.8			Lat Struct											
Solano valle	66.667*	Max WS	APP_TR200_D3	576.88	386.35	390.61	390.93	392.56	0.013286	6.18			93.28	32.63	1.17
Solano valle	66.667*	Max WS	APP_TR200_D6	432.47	386.35	390.11	390.36	391.72	0.013271	5.63			76.83	31.55	1.15
Solano valle	66.667*	Max WS	APP_TR200_D1	450.62	386.35	390.18	390.43	391.83	0.013370	5.69			79.16	32.13	1.16
Solano valle	66.667*	Max WS	APP_TR200_D2	575.41	386.35	390.61	390.92	392.55	0.013281	6.18			93.14	32.63	1.17
Solano valle	66.667*	Max WS	APP_TR200_D4	532.66	386.35	390.46	390.76	392.31	0.013358	6.02			88.49	32.61	1.17
Solano valle	66.333*	Max WS	APP_TR200_D3	573.84	386.20	390.43	390.31	391.84	0.008301	5.25			109.30	34.45	0.94
Solano valle	66.333*	Max WS	APP_TR200_D6	432.74	386.20	389.93		391.06	0.008113	4.71			91.92	34.45	0.92
Solano valle	66.333*	Max WS	APP_TR200_D1	450.76	386.20	390.00		391.16	0.008086	4.77			94.44	34.45	0.92
Solano valle	66.333*	Max WS	APP_TR200_D2	572.44	386.20	390.43	390.31	391.83	0.008296	5.24			109.15	34.45	0.94
Solano valle	66.333*	Max WS	APP_TR200_D4	531.86	386.20	390.29		391.61	0.008269	5.10			104.22	34.45	0.94
Solano valle	66 SOL-55	Max WS	APP_TR200_D3	577.26	386.05	390.32		391.37	0.005555	4.54			127.18	36.28	0.77
Solano valle	66 SOL-55	Max WS	APP_TR200_D6	432.84	386.05	389.82		390.62	0.005038	3.97			109.10	36.28	0.73
Solano valle	66 SOL-55	Max WS	APP_TR200_D1	451.63	386.05	389.89		390.72	0.005089	4.04			111.75	36.28	0.74
Solano valle	66 SOL-55	Max WS	APP_TR200_D2	575.79	386.05	390.31		391.36	0.005546	4.53			127.04	36.28	0.77
Solano valle	66 SOL-55	Max WS	APP_TR200_D4	534.32	386.05	390.17		391.15	0.005430	4.38			121.90	36.28	0.76
Solano valle	65.500*	Max WS	APP_TR200_D3	577.41	385.73	390.23		391.27	0.004400	4.55	0.46	1.16	130.64	35.33	0.74
Solano valle	65.500*	Max WS	APP_TR200_D6	434.26	385.73	389.74		390.52	0.003911	3.93	0.41	0.99	113.55	35.33	0.68
Solano valle	65.500*	Max WS	APP_TR200_D1	453.03	385.73	389.81		390.63	0.003969	4.01	0.42	1.01	116.04	35.33	0.69
Solano valle	65.500*	Max WS	APP_TR200_D2	575.97	385.73	390.22		391.27	0.004394	4.55	0.46	1.16	130.49	35.33	0.74
Solano valle	65.500*	Max WS	APP_TR200_D4	534.83	385.73	390.08		391.05	0.004288	4.38	0.45	1.11	125.58	35.33	0.73
Solano valle	65 SOL-54	Max WS	APP_TR200_D3	563.19	385.40	390.18		391.17	0.003910	4.46	0.57	1.30	133.33	34.38	0.69
Solano valle	65 SOL-54	Max WS	APP_TR200_D6	424.53	385.40	389.72		390.44	0.003284	3.79	0.45	1.05	117.55	34.38	0.62
Solano valle	65 SOL-54	Max WS	APP_TR200_D1	442.54	385.40	389.79		390.54	0.003353	3.87	0.47	1.09	119.94	34.38	0.63
Solano valle	65 SOL-54	Max WS	APP_TR200_D2	561.90	385.40	390.18		391.17	0.003904	4.45	0.57	1.30	133.20	34.38	0.69
Solano valle	65 SOL-54	Max WS	APP_TR200_D4	520.14	385.40	390.05		390.96	0.003695	4.25	0.54	1.23	129.01	34.38	0.67
Solano valle	64.667*	Max WS	APP_TR200_D3	531.71	384.91	390.17		391.14	0.003544	4.41	0.42	1.26	126.69	28.91	0.65
Solano valle	64.667*	Max WS	APP_TR200_D6	412.52	384.91	389.67		390.41	0.003111	3.83	0.27	1.10	112.45	28.91	0.60
Solano valle	64.667*	Max WS	APP_TR200_D1	428.24	384.91	389.75		390.51	0.003153	3.91	0.30	1.12	114.65	28.91	0.61
Solano valle	64.667*	Max WS	APP_TR200_D2	530.52	384.91	390.16		391.13	0.003537	4.40	0.42	1.26	126.58	28.91	0.65
Solano valle	64.667*	Max WS	APP_TR200_D4	497.71	384.91	390.03		390.93	0.003441	4.26	0.39	1.22	122.64	28.91	0.64

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Solano valle	64.333*	Max WS	APP_TR200_D3	551.18	384.42	389.96		391.31	0.005036	5.19	0.25	1.21	110.00	23.43	0.75
Solano valle	64.333*	Max WS	APP_TR200_D6	421.42	384.42	389.45		390.44	0.004172	4.43		1.06	98.29	23.11	0.68
Solano valle	64.333*	Max WS	APP_TR200_D1	438.51	384.42	389.53		390.56	0.004292	4.53		1.08	99.97	23.13	0.69
Solano valle	64.333*	Max WS	APP_TR200_D2	549.99	384.42	389.95		391.31	0.005029	5.18	0.25	1.21	109.90	23.43	0.75
Solano valle	64.333*	Max WS	APP_TR200_D4	512.40	384.42	389.81		391.06	0.004835	4.98	0.08	1.17	106.48	23.40	0.73
Solano valle	64 SOL-53	Max WS	APP_TR200_D3	486.97	383.93	389.92		391.32	0.006438	5.23			93.04	17.92	0.73
Solano valle	64 SOL-53	Max WS	APP_TR200_D6	387.21	383.93	389.39		390.48	0.005537	4.64			83.46	17.80	0.68
Solano valle	64 SOL-53	Max WS	APP_TR200_D1	401.10	383.93	389.46		390.60	0.005668	4.73			84.84	17.82	0.69
Solano valle	64 SOL-53	Max WS	APP_TR200_D2	486.10	383.93	389.92		391.31	0.006430	5.23			92.96	17.91	0.73
Solano valle	64 SOL-53	Max WS	APP_TR200_D4	458.88	383.93	389.76		391.08	0.006248	5.09			90.15	17.88	0.72
Solano valle	63.667*	Max WS	APP_TR200_D3	503.80	384.02	389.82		391.10	0.005981	5.02			100.35	21.79	0.75
Solano valle	63.667*	Max WS	APP_TR200_D6	399.15	384.02	389.29		390.32	0.005348	4.49			88.91	21.68	0.71
Solano valle	63.667*	Max WS	APP_TR200_D1	413.77	384.02	389.37		390.43	0.005443	4.57			90.57	21.69	0.71
Solano valle	63.667*	Max WS	APP_TR200_D2	502.93	384.02	389.81		391.10	0.005976	5.02			100.25	21.79	0.75
Solano valle	63.667*	Max WS	APP_TR200_D4	473.04	384.02	389.66		390.88	0.005826	4.88			96.97	21.76	0.74
Solano valle	63.333*	Max WS	APP_TR200_D3	477.02	384.11	389.86		390.71	0.003760	4.09	0.09		116.78	26.31	0.61
Solano valle	63.333*	Max WS	APP_TR200_D6	398.64	384.11	389.31		390.08	0.003864	3.88			102.62	25.57	0.62
Solano valle	63.333*	Max WS	APP_TR200_D1	411.20	384.11	389.39		390.18	0.003876	3.93			104.67	25.59	0.62
Solano valle	63.333*	Max WS	APP_TR200_D2	476.49	384.11	389.86		390.71	0.003763	4.08	0.08		116.67	26.26	0.61
Solano valle	63.333*	Max WS	APP_TR200_D4	458.11	384.11	389.70		390.54	0.003883	4.07			112.48	25.67	0.62
Solano valle	63 SOL-52	Max WS	APP_TR200_D3	504.45	384.20	389.85	388.24	390.53	0.002890	3.66	0.19		138.23	31.94	0.54
Solano valle	63 SOL-52	Max WS	APP_TR200_D6	416.50	384.20	389.33	387.87	389.92	0.002839	3.40			122.54	29.45	0.53
Solano valle	63 SOL-52	Max WS	APP_TR200_D1	429.41	384.20	389.41	387.93	390.01	0.002844	3.44			124.96	29.48	0.53
Solano valle	63 SOL-52	Max WS	APP_TR200_D2	503.75	384.20	389.85	388.24	390.53	0.002890	3.65	0.19		138.11	31.89	0.54
Solano valle	63 SOL-52	Max WS	APP_TR200_D4	479.87	384.20	389.71	388.14	390.37	0.002882	3.59	0.09		133.86	30.29	0.54
Solano valle	62.7			Inl Struct											
Solano valle	62.5 SOL-51	Max WS	APP_TR200_D3	504.46	383.95	389.24		390.06	0.003102	4.02		0.48	126.51	28.70	0.61
Solano valle	62.5 SOL-51	Max WS	APP_TR200_D6	416.49	383.95	388.76		389.46	0.003029	3.72		0.47	112.76	28.55	0.60
Solano valle	62.5 SOL-51	Max WS	APP_TR200_D1	429.41	383.95	388.83		389.56	0.003037	3.77		0.47	114.88	28.57	0.60
Solano valle	62.5 SOL-51	Max WS	APP_TR200_D2	503.74	383.95	389.24		390.06	0.003100	4.02		0.48	126.41	28.70	0.61
Solano valle	62.5 SOL-51	Max WS	APP_TR200_D4	479.86	383.95	389.10		389.90	0.003095	3.95		0.48	122.61	28.66	0.61
Solano valle	62 SOL-50	Max WS	APP_TR200_D3	539.51	383.70	389.07		389.96	0.003139	4.16		0.44	130.40	27.46	0.61
Solano valle	62 SOL-50	Max WS	APP_TR200_D6	437.89	383.70	388.67		389.37	0.002716	3.69		0.40	119.44	27.33	0.56
Solano valle	62 SOL-50	Max WS	APP_TR200_D1	452.77	383.70	388.74		389.46	0.002778	3.76		0.41	121.15	27.35	0.57
Solano valle	62 SOL-50	Max WS	APP_TR200_D2	538.71	383.70	389.07		389.95	0.003136	4.16		0.44	130.32	27.46	0.61
Solano valle	62 SOL-50	Max WS	APP_TR200_D4	510.85	383.70	388.96		389.79	0.003031	4.04		0.43	127.32	27.42	0.60
Solano valle	61.667*	Max WS	APP_TR200_D3	466.18	383.85	389.39	387.34	389.94	0.001805	3.29		0.27	142.61	28.70	0.47
Solano valle	61.667*	Max WS	APP_TR200_D6	393.51	383.85	388.88	387.00	389.37	0.001787	3.08		0.26	128.25	28.46	0.46
Solano valle	61.667*	Max WS	APP_TR200_D1	404.54	383.85	388.96	387.06	389.46	0.001789	3.11		0.26	130.49	28.50	0.46
Solano valle	61.667*	Max WS	APP_TR200_D2	465.63	383.85	389.38	387.34	389.93	0.001804	3.28		0.27	142.51	28.70	0.47
Solano valle	61.667*	Max WS	APP_TR200_D4	445.71	383.85	389.25	387.25	389.78	0.001800	3.23		0.27	138.65	28.64	0.47
Solano valle	61.4			Inl Struct											
Solano valle	61.333*	Max WS	APP_TR200_D3	466.18	382.43	386.61	386.58	388.18	0.008822	5.54		0.34	84.23	26.44	0.99
Solano valle	61.333*	Max WS	APP_TR200_D6	393.37	382.43	386.05	386.22	387.68	0.011335	5.66		0.20	69.50	25.62	1.09
Solano valle	61.333*	Max WS	APP_TR200_D1	404.37	382.43	386.13	386.28	387.76	0.010927	5.65		0.28	71.62	25.75	1.08
Solano valle	61.333*	Max WS	APP_TR200_D2	465.63	382.43	386.61	386.58	388.17	0.008836	5.54		0.34	84.12	26.44	0.99
Solano valle	61.333*	Max WS	APP_TR200_D4	445.71	382.43	386.44	386.48	388.04	0.009554	5.59		0.34	79.73	26.23	1.02
Solano valle	61 SOL-49	Max WS	APP_TR200_D3	528.96	381.79	386.46	386.38	388.15	0.008762	5.76			91.83	25.70	0.97
Solano valle	61 SOL-49	Max WS	APP_TR200_D6	418.76	381.79	385.87	385.84	387.38	0.009232	5.45			76.88	24.95	0.99
Solano valle	61 SOL-49	Max WS	APP_TR200_D1	434.34	381.79	385.96	385.92	387.50	0.009155	5.50			79.03	25.06	0.99
Solano valle	61 SOL-49	Max WS	APP_TR200_D2	528.06	381.79	386.46	386.38	388.15	0.008760	5.76			91.73	25.69	0.97
Solano valle	61 SOL-49	Max WS	APP_TR200_D4	495.20	381.79	386.28	386.22	387.92	0.008904	5.67			87.27	25.47	0.98
Solano valle	60.947*	Max WS	APP_TR200_D3	578.51	381.63	386.28	386.40	388.25	0.009871	6.22		0.72	93.22	26.56	1.05
Solano valle	60.947*	Max WS	APP_TR200_D6	440.97	381.63	385.68	385.76	387.33	0.010003	5.69		0.41	77.62	25.79	1.04
Solano valle	60.947*	Max WS	APP_TR200_D1	460.28	381.63	385.77	385.85	387.46	0.009989	5.77		0.50	79.87	25.90	1.04
Solano valle	60.947*	Max WS	APP_TR200_D2	577.38	381.63	386.27	386.39	388.24	0.009869	6.22		0.72	93.11	26.55	1.05
Solano valle	60.947*	Max WS	APP_TR200_D4	535.11	381.63	386.10	386.21	387.97	0.009894	6.06		0.67	88.47	26.33	1.05
Solano valle	60.895*	Max WS	APP_TR200_D3	597.33	381.47	386.08	386.28	388.15	0.010422	6.38		0.96	94.15	27.41	1.09
Solano valle	60.895*	Max WS	APP_TR200_D6	444.57	381.47	385.48	385.58	387.14	0.010119	5.70		0.44	78.09	26.57	1.05
Solano valle	60.895*	Max WS	APP_TR200_D1	465.17	381.47	385.57	385.68	387.28	0.010147	5.80		0.56	80.41	26.73	1.05
Solano valle	60.895*	Max WS	APP_TR200_D2	596.09	381.47	386.07	386.28	388.14	0.010414	6.38		0.96	94.04	27.40	1.08
Solano valle	60.895*	Max WS	APP_TR200_D4	548.70	381.47	385.90	386.06	387.84	0.010313	6.17		0.86	89.27	27.17	1.07
Solano valle	60.842*	Max WS	APP_TR200_D3	598.50	381.31	385.87	386.09	387.93	0.010424	6.36		1.06	94.88	28.26	1.09
Solano valle	60.842*	Max WS	APP_TR200_D6	444.66	381.31	385.28	385.39	386.93	0.010098	5.67		0.49	78.52	27.14	1.05
Solano valle	60.842*	Max WS	APP_TR200_D1	465.41	381.31	385.37	385.49	387.07	0.010128	5.77		0.58	80.87	27.50	1.05
Solano valle	60.842*	Max WS	APP_TR200_D2	597.27	381.31	385.87	386.08	387.92	0.010414	6.35		1.06	94.78	28.25	1.09
Solano valle	60.842*	Max WS	APP_TR200_D4	549.40	381.31	385.70	385.87	387.62	0.010301	6.15		0.93	89.92	28.02	1.07
Solano valle	60.789*	Max WS	APP_TR200_D3	599.24	381.16	385.67	385.90	387.71	0.010420	6.33		1.12	95.59	29.12	1.09
Solano valle	60.789*	Max WS	APP_TR200_D6	444.61	381.16	385.09	385.19	386.71	0.010077	5.65		0.55	78.96	27.72	1.05
Solano valle	60.789*	Max WS	APP_TR200_D1	465.63	381.16	385.17	385.30	386.85	0.010117	5.75		0.63	81.34	28.08	1.05
Solano valle	60.789*	Max WS	APP_TR200_D2	598.04	381.16	385.66	385.88	387.70	0.010410	6.33		1.11	95.49	29.11	1.09
Solano valle	60.789*	Max WS	APP_TR200_D4	550.07	381.16	385.49	385.68	387.40	0.010297	6.12		0.96	90.55	28.87	1.08
Solano valle	60.737*	Max WS	APP_TR200_D3	599.99	381.00	385.46	385.69	387.49	0.010429	6.31		1.14	96.26	29.99	1.09
Solano valle	60.737*	Max WS	APP_TR200_D6	444.56	381.00	384.89	384.99	386.50	0.010066	5.62		0.60	79.39	28.31	1.05
Solano valle	60.737*	Max WS	APP_TR200_D1	465.58	381.00	384.97	385.09	386.64	0.010105	5.72		0.67	81.80	28.67	1.05
Solano valle	60.737*	Max WS	APP_TR200_D2	598.82	381.00	385.46	385.69	387.48	0.010423	6.30		1.14	96.15	29.98	1.09
Solano valle	60.737*	Max WS	APP_TR200_D4	550.73	381.00	385.29	385.49	387.19	0.010310	6.10		0.97	91.12	29.74	1.08
Solano valle	60.684*	Max WS	APP_TR200_D3	600.07	380.84	385.26	385.50	387.26	0.010433	6.28		1.15	96.88	30.87	1.09
Solano valle	60.684*	Max WS	APP_TR200_D6	444.90	380.84	384.69	384.80	386.29	0.010080	5.60		0.65	79.84	28.91	1.05
Solano valle	60.684*	Max WS	APP_TR200_D1	466.09	380.84	384.77	384.89	386.43	0.010125	5.70		0.72	82.26	29.27	1.06
Solano valle	60.684*	Max WS	APP_TR200_D2	598.98	380.84	385.25	385.49	387.26	0.010427	6.28		1.15	96.78	30.86	1.09
Solano valle	60.684*	Max WS	APP_TR200_D4	551.40	380.84	385.09	385.29	386.97	0.010340	6.08		0.97	91.66	30.62	1.08
Solano valle	60.632*	Max WS	APP_TR200_D3	599.82	380.68	385.05	385.30	387.04	0.010438	6.25		1.15	97.47	31.77	1.09
Solano valle	60.632*	Max WS	APP_TR200_D6	445.21	380.68	384.49	384.60	386.08	0.010116	5.58		0.70	80.24	29.52	1.05
Solano valle	60.632*	Max WS	APP_TR200_D1	466.57	380.68	384.57	384.70	386.22	0.010165	5.68		0.77	82.70	29.89	1.06
Solano valle	60.632*	Max WS	APP_TR200_D2	598.77	380.68	385.05	385.29	387.03	0.010435	6.25		1.15	97.36	31.76	1.09
Solano valle	60.632*	Max WS	APP_TR200_D4	552.07	380.68	384.88	385.10	386.75	0.010383	6.06		1.00	92.16	31.25	1.08
Solano valle	60.579*	Max WS	APP_TR200_D3	601.85	380.52	384.85	385.11	386.83	0.010550	6.25		1.16	97.97	32.61	1.10
Solano valle	60.579*	Max WS	APP_TR200_D6	445.56	380.52	384.29	384.41	385.87	0.010174	5.56		0.75	80.63	30.15	1.06
Solano valle	60.579*	Max WS	APP_TR200_D1	467.05	380.52	384.37	384.51	386.01	0.010222	5.66		0.81	83.11	30.51	1.06
Solano valle	60.579*	Max WS	APP_TR200_D2	600.77	380.52	384.84	385.10	386.82	0.010542	6.24		1.16	97.88	32.60	1.10
Solano valle	60.579*	Max WS	APP_TR200_D4	552.73	380.52	384.68	384.91	386.54	0.010449	6.05		1.04	92.63	31.87	1.09
Solano valle	60.526*	Max WS	APP_TR200_D3	602.97	380.36	384.64	384.91	386.61	0.010651	6.24		1.19	98.44	33.24	1.11
Solano valle	60.526*	Max WS	APP_TR200_D6	445.76	380.36	384.09	384.22	385.66	0.010250	5.54		0.79	80.97	30.79	1.06

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Solano valle	60.526*	Max WS	APP_TR200_D1	467.52	380.36	384.17	384.32	385.80	0.010304	5.65		0.86	83.49	31.15	1.07
Solano valle	60.526*	Max WS	APP_TR200_D2	601.91	380.36	384.63	384.90	386.61	0.010645	6.23		1.19	98.34	33.23	1.11
Solano valle	60.526*	Max WS	APP_TR200_D4	553.41	380.36	384.47	384.70	386.32	0.010542	6.03		1.08	93.05	32.51	1.09
Solano valle	60.474*	Max WS	APP_TR200_D3	603.72	380.21	384.43	384.71	386.40	0.010735	6.23		1.23	98.83	33.79	1.11
Solano valle	60.474*	Max WS	APP_TR200_D6	446.25	380.21	383.89	384.03	385.45	0.010374	5.54		0.84	81.26	31.44	1.07
Solano valle	60.474*	Max WS	APP_TR200_D1	468.06	380.21	383.97	384.13	385.59	0.010429	5.64		0.90	83.80	31.80	1.07
Solano valle	60.474*	Max WS	APP_TR200_D2	602.68	380.21	384.42	384.70	386.39	0.010727	6.22		1.23	98.74	33.78	1.11
Solano valle	60.474*	Max WS	APP_TR200_D4	554.07	380.21	384.27	384.50	386.11	0.010658	6.03		1.12	93.40	33.13	1.10
Solano valle	60.421*	Max WS	APP_TR200_D3	604.46	380.05	384.22	384.50	386.18	0.010844	6.22		1.26	99.16	34.33	1.12
Solano valle	60.421*	Max WS	APP_TR200_D6	446.73	380.05	383.68	383.84	385.24	0.010540	5.53		0.88	81.48	32.11	1.08
Solano valle	60.421*	Max WS	APP_TR200_D1	468.58	380.05	383.76	383.93	385.38	0.010595	5.64		0.94	84.03	32.47	1.08
Solano valle	60.421*	Max WS	APP_TR200_D2	603.46	380.05	384.21	384.50	386.17	0.010839	6.22		1.26	99.06	34.32	1.12
Solano valle	60.421*	Max WS	APP_TR200_D4	554.73	380.05	384.05	384.31	385.90	0.010779	6.02		1.15	93.68	33.67	1.11
Solano valle	60.368*	Max WS	APP_TR200_D3	605.22	379.89	384.00	384.29	385.96	0.010993	6.22		1.30	99.37	34.85	1.12
Solano valle	60.368*	Max WS	APP_TR200_D6	447.21	379.89	383.48	383.64	385.03	0.010725	5.54		0.92	81.61	32.71	1.08
Solano valle	60.368*	Max WS	APP_TR200_D1	469.19	379.89	383.55	383.74	385.17	0.010768	5.64		0.98	84.16	33.03	1.09
Solano valle	60.368*	Max WS	APP_TR200_D2	604.23	379.89	384.00	384.29	385.96	0.010985	6.22		1.30	99.28	34.84	1.12
Solano valle	60.368*	Max WS	APP_TR200_D4	555.41	379.89	383.84	384.10	385.68	0.010940	6.02		1.19	93.84	34.20	1.11
Solano valle	60.316*	Max WS	APP_TR200_D3	605.96	379.73	383.78	384.09	385.75	0.011190	6.23		1.33	99.45	35.35	1.13
Solano valle	60.316*	Max WS	APP_TR200_D6	447.69	379.73	383.26	383.45	384.83	0.010955	5.55		0.96	81.59	33.24	1.09
Solano valle	60.316*	Max WS	APP_TR200_D1	469.77	379.73	383.34	383.54	384.96	0.010996	5.65		1.02	84.16	33.55	1.10
Solano valle	60.316*	Max WS	APP_TR200_D2	605.01	379.73	383.78	384.08	385.75	0.011186	6.23		1.33	99.35	35.34	1.13
Solano valle	60.316*	Max WS	APP_TR200_D4	556.07	379.73	383.62	383.89	385.47	0.011154	6.04		1.23	93.87	34.71	1.12
Solano valle	60.263*	Max WS	APP_TR200_D3	606.70	379.57	383.56	383.89	385.54	0.011457	6.25		1.37	99.33	35.83	1.15
Solano valle	60.263*	Max WS	APP_TR200_D6	448.17	379.57	383.04	383.25	384.62	0.011273	5.57		1.01	81.38	33.74	1.11
Solano valle	60.263*	Max WS	APP_TR200_D1	470.40	379.57	383.12	383.35	384.76	0.011311	5.68		1.06	83.96	34.05	1.11
Solano valle	60.263*	Max WS	APP_TR200_D2	605.78	379.57	383.56	383.89	385.54	0.011452	6.25		1.37	99.24	35.82	1.14
Solano valle	60.263*	Max WS	APP_TR200_D4	556.74	379.57	383.40	383.69	385.26	0.011439	6.06		1.27	93.72	35.19	1.14
Solano valle	60.211*	Max WS	APP_TR200_D3	607.44	379.41	383.33	383.69	385.33	0.011825	6.29		1.41	98.95	36.27	1.16
Solano valle	60.211*	Max WS	APP_TR200_D6	448.62	379.41	382.82	383.06	384.42	0.011738	5.62		1.05	80.85	34.21	1.13
Solano valle	60.211*	Max WS	APP_TR200_D1	471.02	379.41	382.89	383.15	384.56	0.011765	5.73		1.11	83.46	34.51	1.13
Solano valle	60.211*	Max WS	APP_TR200_D2	606.55	379.41	383.33	383.68	385.33	0.011822	6.29		1.41	98.86	36.26	1.16
Solano valle	60.211*	Max WS	APP_TR200_D4	557.40	379.41	383.17	383.50	385.06	0.011848	6.10		1.31	93.26	35.64	1.15
Solano valle	60.158*	Max WS	APP_TR200_D3	608.19	379.26	383.09	383.49	385.13	0.012332	6.35		1.45	98.23	36.68	1.18
Solano valle	60.158*	Max WS	APP_TR200_D6	449.15	379.26	382.58	382.85	384.23	0.012410	5.70		1.09	79.93	34.62	1.16
Solano valle	60.158*	Max WS	APP_TR200_D1	471.63	379.26	382.66	382.94	384.37	0.012427	5.80		1.15	82.54	34.92	1.16
Solano valle	60.158*	Max WS	APP_TR200_D2	607.32	379.26	383.09	383.48	385.13	0.012326	6.34		1.45	98.16	36.68	1.18
Solano valle	60.158*	Max WS	APP_TR200_D4	558.08	379.26	382.93	383.29	384.86	0.012425	6.17		1.35	92.43	36.04	1.18
Solano valle	60.105*	Max WS	APP_TR200_D3	608.94	379.10	382.84	383.28	384.94	0.013069	6.44		1.50	97.01	37.04	1.21
Solano valle	60.105*	Max WS	APP_TR200_D6	449.65	379.10	382.33	382.65	384.05	0.013459	5.82		1.14	78.38	34.96	1.20
Solano valle	60.105*	Max WS	APP_TR200_D1	472.25	379.10	382.40	382.75	384.18	0.013434	5.92		1.20	81.02	35.27	1.20
Solano valle	60.105*	Max WS	APP_TR200_D2	608.10	379.10	382.84	383.28	384.94	0.013064	6.43		1.50	96.93	37.03	1.21
Solano valle	60.105*	Max WS	APP_TR200_D4	558.75	379.10	382.68	383.10	384.68	0.013268	6.27		1.40	91.05	36.39	1.21
Solano valle	60.053*	Max WS	APP_TR200_D3	609.68	378.94	382.58	383.08	384.77	0.014177	6.58		1.55	95.05	37.31	1.26
Solano valle	60.053*	Max WS	APP_TR200_D6	450.16	378.94	382.05	382.47	383.89	0.015227	6.02		1.19	75.80	35.19	1.27
Solano valle	60.053*	Max WS	APP_TR200_D1	472.87	378.94	382.12	382.56	384.02	0.015111	6.12		1.25	78.50	35.50	1.27
Solano valle	60.053*	Max WS	APP_TR200_D2	608.86	378.94	382.58	383.07	384.76	0.014174	6.57		1.55	94.97	37.30	1.26
Solano valle	60.053*	Max WS	APP_TR200_D4	559.41	378.94	382.41	382.89	384.51	0.014592	6.43		1.45	88.83	36.64	1.27
Solano valle	60 SOL-48	Max WS	APP_TR200_D3	610.41	378.78	382.28	382.87	384.62	0.015990	6.80		1.62	91.95	37.47	1.33
Solano valle	60 SOL-48	Max WS	APP_TR200_D6	450.66	378.78	381.71	382.27	383.79	0.018783	6.40		1.25	71.27	35.20	1.40
Solano valle	60 SOL-48	Max WS	APP_TR200_D1	473.50	378.78	381.79	382.36	383.92	0.018370	6.47		1.31	74.16	35.53	1.39
Solano valle	60 SOL-48	Max WS	APP_TR200_D2	609.64	378.78	382.28	382.87	384.62	0.015991	6.80		1.61	91.87	37.46	1.33
Solano valle	60 SOL-48	Max WS	APP_TR200_D4	560.08	378.78	382.10	382.69	384.38	0.016891	6.71		1.52	85.22	36.74	1.35
Solano valle	59.667*	Max WS	APP_TR200_D3	611.17	378.10	381.98	382.48	384.19	0.014637	6.60		1.33	94.41	37.82	1.28
Solano valle	59.667*	Max WS	APP_TR200_D6	451.18	378.10	381.34	381.89	383.40	0.018360	6.35		0.85	71.39	34.64	1.38
Solano valle	59.667*	Max WS	APP_TR200_D1	474.15	378.10	381.44	381.98	383.52	0.017756	6.40		0.94	74.60	35.14	1.37
Solano valle	59.667*	Max WS	APP_TR200_D2	610.41	378.10	381.97	382.48	384.18	0.014638	6.59		1.33	94.32	37.81	1.28
Solano valle	59.667*	Max WS	APP_TR200_D4	560.76	378.10	381.77	382.30	383.95	0.015814	6.55		1.21	86.85	36.99	1.31
Solano valle	59.333*	Max WS	APP_TR200_D3	611.92	377.42	381.72	382.00	383.59	0.011350	6.07		0.99	102.24	38.11	1.13
Solano valle	59.333*	Max WS	APP_TR200_D6	451.70	377.42	381.01	381.39	382.79	0.014733	5.90		0.36	76.63	34.20	1.25
Solano valle	59.333*	Max WS	APP_TR200_D1	474.79	377.42	381.12	381.48	382.91	0.014216	5.93		0.50	80.19	34.98	1.23
Solano valle	59.333*	Max WS	APP_TR200_D2	611.20	377.42	381.72	381.99	383.59	0.011354	6.07		0.99	102.15	38.10	1.13
Solano valle	59.333*	Max WS	APP_TR200_D4	561.43	377.42	381.49	381.81	383.35	0.012371	6.04		0.85	93.82	37.09	1.17
Solano valle	59 SOL-47	Max WS	APP_TR200_D3	612.68	376.74	381.53	381.39	382.97	0.007577	5.32		0.69	116.42	38.77	0.93
Solano valle	59 SOL-47	Max WS	APP_TR200_D6	452.22	376.74	380.77	380.78	382.09	0.009425	5.09			88.92	34.36	1.01
Solano valle	59 SOL-47	Max WS	APP_TR200_D1	475.43	376.74	380.88	380.87	382.22	0.009154	5.13		0.08	92.76	34.68	1.00
Solano valle	59 SOL-47	Max WS	APP_TR200_D2	611.97	376.74	381.53	381.38	382.97	0.007577	5.32		0.69	116.33	38.76	0.93
Solano valle	59 SOL-47	Max WS	APP_TR200_D4	562.12	376.74	381.29	381.20	382.70	0.008126	5.26		0.53	107.32	37.25	0.96
Solano valle	58.667*	Max WS	APP_TR200_D3	613.20	376.43	381.44		382.70	0.006235	4.98		0.42	123.54	36.69	0.84
Solano valle	58.667*	Max WS	APP_TR200_D6	452.57	376.43	380.66		381.78	0.007297	4.68			96.61	34.13	0.89
Solano valle	58.667*	Max WS	APP_TR200_D1	475.88	376.43	380.77		381.92	0.007128	4.73			100.52	34.13	0.88
Solano valle	58.667*	Max WS	APP_TR200_D2	612.51	376.43	381.43		382.70	0.006235	4.98		0.41	123.45	36.67	0.84
Solano valle	58.667*	Max WS	APP_TR200_D4	562.58	376.43	381.19		382.42	0.006588	4.91		0.20	114.73	34.95	0.85
Solano valle	58.333*	Max WS	APP_TR200_D3	613.71	376.12	381.36		382.49	0.005402	4.72	0.01	0.14	130.10	34.40	0.77
Solano valle	58.333*	Max WS	APP_TR200_D6	452.94	376.12	380.57		381.54	0.005966	4.37			103.56	33.70	0.80
Solano valle	58.333*	Max WS	APP_TR200_D1	476.31	376.12	380.69		381.69	0.005879	4.43			107.48	33.71	0.79
Solano valle	58.333*	Max WS	APP_TR200_D2	613.04	376.12	381.35		382.49	0.005401	4.72	0.01	0.13	130.01	34.38	0.77
Solano valle	58.333*	Max WS	APP_TR200_D4	563.03	376.12	381.11		382.20	0.005599	4.63			121.66	33.71	0.78
Solano valle	58 SOL-46	Max WS	APP_TR200_D3	614.22	375.81	381.29		382.32	0.004797	4.49			136.78	33.93	0.71
Solano valle	58 SOL-46	Max WS	APP_TR200_D6	453.29	375.81	380.50		381.36	0.005139	4.13			109.82	33.71	0.73
Solano valle	58 SOL-46	Max WS	APP_TR200_D1	476.73	375.81	380.62		381.51	0.005083	4.19			113.85	33.74	0.73
Solano valle	58 SOL-46	Max WS	APP_TR200_D2	613.57	375.81	381.29		382.32	0.004796	4.49			136.70	33.93	0.71
Solano valle	58 SOL-46	Max WS	APP_TR200_D4	563.49	375.81	381.05		382.03	0.004897	4.39			128.43	33.86	0.72
Solano valle	57.500*	Max WS	APP_TR200_D3	614.87	375.89	381.19		382.33	0.005119	4.72	0.64	0.04	130.85	33.85	0.75
Solano valle	57.500*	Max WS	APP_TR200_D6	453.74	375.89	380.39		381.36	0.005813	4.35	0.27		104.24	32.99	0.78
Solano valle	57.500*	Max WS	APP_TR200_D1	477.29	375.89	380.52		381.51	0.005709	4.41	0.34		108.22	33.12	0.77
Solano valle	57.500*	Max WS	APP_TR200_D2	614.24	375.89	381.19		382.32	0.005118	4.72	0.63	0.04	130.77	33.85	0.75
Solano valle	57.500*	Max WS	APP_TR200_D4	564.07	375.89	380.95		382.03	0.005331	4.61	0.54	0.03	122.56	33.58	0.76
Solano valle	57 SOL-45	Max WS	APP_TR200_D3	615.51	375.96	381.09		382.34	0.006200	4.94			124.68	32.14	0.80
Solano valle	57 SOL-45	Max WS	APP_TR200_D6	454.18	375.96	380.29		381.37	0.006946	4.60			98.70	32.13	0.84
Solano valle	57 SOL-45	Max WS	APP_TR200_D1	477.83	375.96	380.41		381.51	0.006808	4.66			102.63	32.13	0.83
Solano valle	57 SOL-45	Max WS	APP_TR200_D2	614.91	375.96	381.09		382.33	0.006200	4.94			124.60	32.14	0.80
Solano valle	57 SOL-45	Max WS	APP_TR200_D4	564.65	375.96	380.85		382.04	0.006400	4.84			116.66	32.13	0.81
Solano valle	56.500*	Max WS	APP_TR200_D3	615.95	375.73	381.02		382.31	0.005871	5.04		1.13	126.19	34.59	0.79
Solano valle	56.500*	Max WS	APP_TR200_D6	454.49	375.73	380.21		381.32	0.006578	4.68		0.37	97.92	34.58	0.82

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Solano valle	56.500*	Max WS	APP_TR200_D1	478.22	375.73	380.33		381.47	0.006461	4.74		0.55	102.21	34.58	0.82
Solano valle	56.500*	Max WS	APP_TR200_D2	615.37	375.73	381.02		382.30	0.005872	5.04		1.12	126.10	34.59	0.79
Solano valle	56.500*	Max WS	APP_TR200_D4	565.05	375.73	380.77		382.01	0.006073	4.94		0.96	117.47	34.58	0.80
Solano valle	56 SOL-44	Max WS	APP_TR200_D3	616.40	375.49	380.96		382.14	0.005256	4.95		1.59	140.47	40.15	0.75
Solano valle	56 SOL-44	Max WS	APP_TR200_D6	454.81	375.49	380.13		381.14	0.005627	4.55		1.54	110.02	36.11	0.77
Solano valle	56 SOL-44	Max WS	APP_TR200_D1	478.61	375.49	380.26		381.29	0.005549	4.61		1.59	114.55	36.12	0.76
Solano valle	56 SOL-44	Max WS	APP_TR200_D2	615.84	375.49	380.95		382.14	0.005256	4.95		1.59	140.37	40.13	0.75
Solano valle	56 SOL-44	Max WS	APP_TR200_D4	565.46	375.49	380.70		381.82	0.005296	4.81		1.77	130.62	36.16	0.75
Solano valle	55.500*	Max WS	APP_TR200_D3	616.98	375.47	380.87		382.25	0.006458	5.25		1.34	124.07	36.00	0.83
Solano valle	55.500*	Max WS	APP_TR200_D6	455.20	375.47	380.03	379.78	381.27	0.007499	4.94		0.61	94.05	35.93	0.87
Solano valle	55.500*	Max WS	APP_TR200_D1	479.10	375.47	380.16	379.91	381.43	0.007318	4.99		0.77	98.63	35.94	0.87
Solano valle	55.500*	Max WS	APP_TR200_D2	616.43	375.47	380.87		382.24	0.006459	5.25		1.34	123.98	36.00	0.83
Solano valle	55.500*	Max WS	APP_TR200_D4	565.97	375.47	380.61		381.95	0.006742	5.16		1.17	114.83	35.98	0.84
Solano valle	55 SOL-43	Max WS	APP_TR200_D3	617.55	375.46	380.77		382.14	0.006909	5.22	1.20	0.20	121.64	33.93	0.84
Solano valle	55 SOL-43	Max WS	APP_TR200_D6	455.60	375.46	379.91		381.16	0.008343	4.95			92.03	29.79	0.90
Solano valle	55 SOL-43	Max WS	APP_TR200_D1	479.59	375.46	380.05		381.31	0.008067	4.98	0.88		97.91	32.78	0.89
Solano valle	55 SOL-43	Max WS	APP_TR200_D2	617.02	375.46	380.76		382.14	0.006911	5.22	1.19	0.19	121.56	33.90	0.84
Solano valle	55 SOL-43	Max WS	APP_TR200_D4	566.49	375.46	380.51		381.84	0.007288	5.13	1.11		113.01	32.78	0.85
Solano valle	54.500*	Max WS	APP_TR200_D3	618.25	375.31	380.60	380.85	382.61	0.011227	6.32	1.50		101.76	32.18	1.08
Solano valle	54.500*	Max WS	APP_TR200_D6	456.09	375.31	379.70	380.09	381.71	0.014330	6.27			72.72	25.79	1.19
Solano valle	54.500*	Max WS	APP_TR200_D1	480.19	375.31	379.84	380.20	381.86	0.013828	6.29			76.29	26.09	1.18
Solano valle	54.500*	Max WS	APP_TR200_D2	617.75	375.31	380.60	380.85	382.61	0.011233	6.32	1.49		101.68	32.17	1.08
Solano valle	54.500*	Max WS	APP_TR200_D4	567.11	375.31	380.32	380.64	382.39	0.012329	6.36			89.13	27.13	1.12
Solano valle	54 SOL-42	Max WS	APP_TR200_D3	618.96	375.16	380.46	379.12	381.48	0.004223	4.48			138.28	27.15	0.63
Solano valle	54 SOL-42	Max WS	APP_TR200_D6	456.58	375.16	379.53	378.43	380.36	0.004177	4.03			113.23	27.14	0.63
Solano valle	54 SOL-42	Max WS	APP_TR200_D1	480.79	375.16	379.68	378.54	380.54	0.004187	4.11			117.10	27.14	0.63
Solano valle	54 SOL-42	Max WS	APP_TR200_D2	618.47	375.16	380.45	379.12	381.47	0.004222	4.47			138.21	27.15	0.63
Solano valle	54 SOL-42	Max WS	APP_TR200_D4	567.74	375.16	380.17	378.91	381.14	0.004211	4.35			130.59	27.15	0.63
Solano valle	53.5			Bridge											
Solano valle	53 SOL-41	Max WS	APP_TR200_D3	618.96	375.11	378.47	379.06	381.11	0.018107	7.20			86.02	27.36	1.30
Solano valle	53 SOL-41	Max WS	APP_TR200_D6	456.57	375.11	378.00	378.37	379.98	0.016243	6.24			73.21	27.35	1.22
Solano valle	53 SOL-41	Max WS	APP_TR200_D1	480.79	375.11	378.07	378.48	380.16	0.016580	6.39			75.18	27.35	1.23
Solano valle	53 SOL-41	Max WS	APP_TR200_D2	618.47	375.11	378.47	379.06	381.10	0.018100	7.19			85.99	27.36	1.30
Solano valle	53 SOL-41	Max WS	APP_TR200_D4	567.74	375.11	378.32	378.85	380.76	0.017627	6.92			82.05	27.36	1.28
Solano valle	52 SOL-40	Max WS	APP_TR200_D3	619.62	375.11	378.02	379.25	381.78	0.033634	8.59		0.07	72.11	31.72	1.82
Solano valle	52 SOL-40	Max WS	APP_TR200_D6	457.04	375.11	377.52	378.50	380.86	0.039250	8.10			56.43	30.91	1.91
Solano valle	52 SOL-40	Max WS	APP_TR200_D1	481.36	375.11	377.59	378.59	381.01	0.038279	8.18			58.82	31.05	1.90
Solano valle	52 SOL-40	Max WS	APP_TR200_D2	619.16	375.11	378.02	379.24	381.78	0.033628	8.59		0.06	72.08	31.72	1.82
Solano valle	52 SOL-40	Max WS	APP_TR200_D4	568.33	375.11	377.86	378.99	381.51	0.035360	8.46			67.19	31.56	1.85
Solano valle	51 SOL-39	Max WS	APP_TR200_D3	620.13	374.37	377.64	378.58	380.64	0.022561	7.67			80.80	28.56	1.46
Solano valle	51 SOL-39	Max WS	APP_TR200_D6	457.39	374.37	377.09	377.77	379.60	0.024015	7.01			65.20	28.54	1.48
Solano valle	51 SOL-39	Max WS	APP_TR200_D1	481.80	374.37	377.17	377.89	379.76	0.023764	7.13			67.62	28.54	1.48
Solano valle	51 SOL-39	Max WS	APP_TR200_D2	619.69	374.37	377.64	378.58	380.64	0.022551	7.67			80.78	28.56	1.46
Solano valle	51 SOL-39	Max WS	APP_TR200_D4	568.79	374.37	377.47	378.37	380.33	0.022997	7.49			75.97	28.55	1.47
Solano valle	50.750*	Max WS	APP_TR200_D3	620.83	373.73	377.26	378.01	379.89	0.018777	7.19			86.36	30.12	1.36
Solano valle	50.750*	Max WS	APP_TR200_D6	457.88	373.73	376.68	377.25	378.93	0.020662	6.64			68.96	30.11	1.40
Solano valle	50.750*	Max WS	APP_TR200_D1	482.40	373.73	376.77	377.35	379.08	0.020276	6.73			71.72	30.11	1.39
Solano valle	50.750*	Max WS	APP_TR200_D2	620.41	373.73	377.26	378.01	379.89	0.018770	7.19			86.33	30.12	1.36
Solano valle	50.750*	Max WS	APP_TR200_D4	569.42	373.73	377.08	377.76	379.60	0.019278	7.03			81.01	30.12	1.37
Solano valle	50.500*	Max WS	APP_TR200_D3	621.53	373.09	376.95	377.34	379.12	0.014156	6.52			95.31	31.69	1.20
Solano valle	50.500*	Max WS	APP_TR200_D6	458.36	373.09	376.35	376.71	378.20	0.015610	6.03			76.04	31.68	1.24
Solano valle	50.500*	Max WS	APP_TR200_D1	483.00	373.09	376.44	376.80	378.34	0.015275	6.10			79.16	31.68	1.23
Solano valle	50.500*	Max WS	APP_TR200_D2	621.13	373.09	376.95	377.34	379.12	0.014151	6.52			95.28	31.69	1.20
Solano valle	50.500*	Max WS	APP_TR200_D4	570.04	373.09	376.77	377.15	378.84	0.014508	6.37			89.45	31.69	1.21
Solano valle	50.250*	Max WS	APP_TR200_D3	622.22	372.44	376.73	376.76	378.42	0.009776	5.75			108.23	33.27	1.02
Solano valle	50.250*	Max WS	APP_TR200_D6	458.84	372.44	376.11	376.16	377.51	0.010362	5.25			87.39	33.25	1.03
Solano valle	50.250*	Max WS	APP_TR200_D1	483.58	372.44	376.21	376.26	377.66	0.010207	5.33			90.80	33.25	1.03
Solano valle	50.250*	Max WS	APP_TR200_D2	621.84	372.44	376.73	376.75	378.42	0.009773	5.75			108.20	33.27	1.02
Solano valle	50.250*	Max WS	APP_TR200_D4	570.66	372.44	376.54	376.58	378.14	0.009906	5.60			101.93	33.27	1.02
Solano valle	50 SOL-38	Max WS	APP_TR200_D3	622.91	371.80	376.59		377.85	0.006199	4.97		0.69	125.84	36.38	0.84
Solano valle	50 SOL-38	Max WS	APP_TR200_D6	459.33	371.80	375.95		376.97	0.006297	4.45		0.29	103.18	35.26	0.83
Solano valle	50 SOL-38	Max WS	APP_TR200_D1	484.17	371.80	376.06		377.11	0.006255	4.53		0.37	106.87	35.44	0.83
Solano valle	50 SOL-38	Max WS	APP_TR200_D2	622.57	371.80	376.59		377.85	0.006196	4.97		0.69	125.82	36.38	0.84
Solano valle	50 SOL-38	Max WS	APP_TR200_D4	571.28	371.80	376.40		377.58	0.006215	4.82		0.58	118.95	36.05	0.83
Solano valle	49.750*	Max WS	APP_TR200_D3	623.50	371.73	376.49		377.89	0.006889	5.25		0.69	119.33	34.76	0.89
Solano valle	49.750*	Max WS	APP_TR200_D6	459.74	371.73	375.85		376.98	0.007033	4.71		0.24	97.65	33.56	0.88
Solano valle	49.750*	Max WS	APP_TR200_D1	484.68	371.73	375.96		377.13	0.006979	4.79		0.34	101.19	33.76	0.88
Solano valle	49.750*	Max WS	APP_TR200_D2	623.18	371.73	376.48		377.89	0.006886	5.25		0.69	119.31	34.76	0.89
Solano valle	49.750*	Max WS	APP_TR200_D4	571.81	371.73	376.29		377.61	0.006914	5.09		0.58	112.73	34.40	0.88
Solano valle	49.500*	Max WS	APP_TR200_D3	624.10	371.66	376.37	376.23	377.94	0.007730	5.54		0.69	113.04	33.19	0.94
Solano valle	49.500*	Max WS	APP_TR200_D6	460.15	371.66	375.73		377.00	0.007933	4.98		0.16	92.32	31.84	0.93
Solano valle	49.500*	Max WS	APP_TR200_D1	485.19	371.66	375.84		377.15	0.007862	5.07		0.28	95.70	32.06	0.93
Solano valle	49.500*	Max WS	APP_TR200_D2	623.79	371.66	376.37	376.23	377.94	0.007726	5.54		0.69	113.02	33.19	0.94
Solano valle	49.500*	Max WS	APP_TR200_D4	572.34	371.66	376.18	376.03	377.65	0.007766	5.38		0.56	106.72	32.78	0.94
Solano valle	49.250*	Max WS	APP_TR200_D3	624.69	371.58	376.24	376.25	377.99	0.008739	5.86		0.69	107.03	31.87	1.00
Solano valle	49.250*	Max WS	APP_TR200_D6	460.56	371.58	375.60	375.55	377.02	0.008930	5.28			87.27	29.73	0.98
Solano valle	49.250*	Max WS	APP_TR200_D1	485.70	371.58	375.71	375.67	377.18	0.008871	5.37		0.19	90.48	30.09	0.98
Solano valle	49.250*	Max WS	APP_TR200_D2	624.41	371.58	376.24	376.24	377.99	0.008736	5.86		0.69	107.01	31.87	1.00
Solano valle	49.250*	Max WS	APP_TR200_D4	572.87	371.58	376.05	376.04	377.70	0.008789	5.69		0.54	100.96	31.31	0.99
Solano valle	49 SOL-37	Max WS	APP_TR200_D3	625.28	371.51	376.10	376.24	378.05	0.009897	6.20		0.99	101.83	30.12	1.05
Solano valle	49 SOL-37	Max WS	APP_TR200_D6	460.98	371.51	375.45	375.52	377.04	0.010000	5.58			82.65	27.79	1.03
Solano valle	49 SOL-37	Max WS	APP_TR200_D1	486.20	371.51	375.56	375.65	377.21	0.009986	5.68			85.65	27.90	1.03
Solano valle	49 SOL-37	Max WS	APP_TR200_D2	625.01	371.51	376.10	376.24	378.05	0.009891	6.20		0.99	101.83	30.12	1.05
Solano valle	49 SOL-37	Max WS	APP_TR200_D4	573.41	371.51	375.90	376.03	377.75	0.009927	6.01		0.83	96.05	29.93	1.04
Solano valle	48 SOL-36	Max WS	APP_TR200_D3	625.43	371.51	376.06	376.24	378.14	0.010727	6.40		1.01	98.70	28.35	1.07
Solano valle	48 SOL-36	Max WS	APP_TR200_D6	461.08	371.51	375.41	375.52	377.08	0.010697	5.72			80.56	26.48	1.05
Solano valle	48 SOL-36	Max WS	APP_TR200_D1	486.33	371.51	375.52	375.64	377.26	0.010703	5.83			83.41	26.52	1.05
Solano valle	48 SOL-36	Max WS	APP_TR200_D2	625.17	371.51	376.06	376.24	378.14	0.010723	6.40		1.01	98.68	28.35	1.06
Solano valle	48 SOL-36	Max WS	APP_TR200_D4	573.54	371.51	375.86	376.03	377.82	0.010720	6.19		0.83	93.23	28.30	1.06
Solano valle	47.750*	Max WS	APP_TR200_D3	626.17	371.28	375.85	376.11	378.00	0.010610	6.51	0.50	1.22	98.24	31.17	1.08
Solano valle	47.750*	Max WS	APP_TR200_D6	461.59	371.28	375.20	375.33	376.93	0.010746	5.82		0.54	79.54	27.39	1.06
Solano valle	47.750*	Max WS	APP_TR200_D1	486.97	371.28	375.31	375.46	377.11	0.010712	5.94		0.65	82.53	27.88	1.06
Solano valle	47.750*	Max WS	APP_TR200_D2	625.92	371.28	375.85	376.11	378.00	0.010608	6.51	0.49	1.22	98.22	31.17	1.08
Solano valle	47.750*	Max WS	APP_TR200_D4	574.20	371.28	375.65	375.87	377.68	0.010689	6.31	0.26	1.01	92.35	29.72	1.07

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Solano valle	47.500*	Max WS	APP_TR200_D3	626.91	371.06	375.64	375.93	377.86	0.010343	6.62	0.95	1.39	98.49	32.01	1.08
Solano valle	47.500*	Max WS	APP_TR200_D6	462.11	371.06	374.99	375.17	376.78	0.010617	5.93	0.38	0.97	79.04	28.06	1.06
Solano valle	47.500*	Max WS	APP_TR200_D1	487.60	371.06	375.10	375.30	376.96	0.010534	6.04	0.50	1.05	82.14	28.73	1.07
Solano valle	47.500*	Max WS	APP_TR200_D2	626.70	371.06	375.64	375.93	377.86	0.010339	6.62	0.95	1.39	98.48	32.01	1.08
Solano valle	47.500*	Max WS	APP_TR200_D4	574.87	371.06	375.45	375.70	377.53	0.010417	6.42	0.80	1.27	92.37	30.83	1.08
Solano valle	47.250*	Max WS	APP_TR200_D3	627.65	370.83	375.44	375.83	377.71	0.010029	6.72	1.21	1.65	98.85	31.21	1.09
Solano valle	47.250*	Max WS	APP_TR200_D6	462.63	370.83	374.79	374.99	376.62	0.010265	6.02	0.82	1.28	79.35	28.59	1.07
Solano valle	47.250*	Max WS	APP_TR200_D1	488.22	370.83	374.90	375.12	376.80	0.010187	6.13	0.89	1.35	82.54	29.03	1.07
Solano valle	47.250*	Max WS	APP_TR200_D2	627.46	370.83	375.44	375.83	377.71	0.010025	6.72	1.21	1.65	98.84	31.21	1.09
Solano valle	47.250*	Max WS	APP_TR200_D4	575.53	370.83	375.25	375.48	377.38	0.010085	6.51	1.10	1.55	92.82	30.42	1.08
Solano valle	47 SOL-35	Max WS	APP_TR200_D3	628.39	370.60	375.23	375.97	378.23	0.011845	8.14	1.96	2.77	98.84	33.97	1.24
Solano valle	47 SOL-35	Max WS	APP_TR200_D6	463.15	370.60	374.58	375.05	376.92	0.011251	7.13	2.29	2.36	79.53	28.16	1.17
Solano valle	47 SOL-35	Max WS	APP_TR200_D1	488.86	370.60	374.69	375.03	377.12	0.011277	7.28	2.35	2.42	82.68	28.48	1.18
Solano valle	47 SOL-35	Max WS	APP_TR200_D2	628.24	370.60	375.23	375.91	378.23	0.011842	8.14	1.96	2.77	98.83	33.97	1.24
Solano valle	47 SOL-35	Max WS	APP_TR200_D4	576.20	370.60	375.03	375.78	377.77	0.011483	7.78	2.53	2.63	92.66	29.46	1.21
Solano valle	46 SOL-34	Max WS	APP_TR200_D3	628.65	370.60	375.15	376.00	378.40	0.013023	8.42	1.73	2.85	94.52	33.71	1.29
Solano valle	46 SOL-34	Max WS	APP_TR200_D6	463.32	370.60	374.50	375.05	377.01	0.012355	7.36	2.32	2.41	76.43	27.00	1.22
Solano valle	46 SOL-34	Max WS	APP_TR200_D1	489.07	370.60	374.61	375.00	377.22	0.012369	7.51	2.37	2.48	79.44	27.24	1.23
Solano valle	46 SOL-34	Max WS	APP_TR200_D2	628.49	370.60	375.15	376.00	378.40	0.013020	8.42	1.73	2.84	94.51	33.71	1.29
Solano valle	46 SOL-34	Max WS	APP_TR200_D4	576.42	370.60	374.96	375.81	377.90	0.012576	8.02	2.52	2.69	88.91	27.98	1.26
Solano valle	45.500*	Max WS	APP_TR200_D3	629.35	370.28	374.93	375.24	377.68	0.010784	7.72	2.28	2.45	100.78	32.01	1.19
Solano valle	45.500*	Max WS	APP_TR200_D6	463.81	370.28	374.29	374.73	376.50	0.010518	6.85	1.92	2.10	80.94	30.08	1.14
Solano valle	45.500*	Max WS	APP_TR200_D1	489.68	370.28	374.40	374.88	376.69	0.010522	6.99	1.99	2.15	84.28	30.41	1.15
Solano valle	45.500*	Max WS	APP_TR200_D2	629.21	370.28	374.93	375.24	377.67	0.010780	7.72	2.28	2.45	100.78	32.01	1.19
Solano valle	45.500*	Max WS	APP_TR200_D4	577.05	370.28	374.74	375.19	377.32	0.010676	7.46	2.18	2.35	94.79	31.44	1.17
Solano valle	45 SOL-33	Max WS	APP_TR200_D3	630.05	369.95	374.74	375.23	377.12	0.009143	7.15	1.92	2.10	109.12	37.06	1.10
Solano valle	45 SOL-33	Max WS	APP_TR200_D6	464.29	369.95	374.11	374.39	376.03	0.008885	6.34	1.64	1.77	86.82	33.27	1.05
Solano valle	45 SOL-33	Max WS	APP_TR200_D1	490.28	369.95	374.22	374.53	376.21	0.008900	6.47	1.69	1.83	90.53	33.93	1.06
Solano valle	45 SOL-33	Max WS	APP_TR200_D2	629.94	369.95	374.74	375.23	377.12	0.009140	7.15	1.91	2.09	109.12	37.06	1.10
Solano valle	45 SOL-33	Max WS	APP_TR200_D4	577.68	369.95	374.56	375.01	376.79	0.009051	6.91	1.83	2.00	102.29	35.94	1.08
Solano valle	44.667*	Max WS	APP_TR200_D3	630.62	369.87	374.60	374.99	376.94	0.009186	7.19	1.99	2.25	112.94	39.30	1.10
Solano valle	44.667*	Max WS	APP_TR200_D6	464.70	369.87	373.97	374.27	375.87	0.008967	6.39	1.76	1.93	89.51	35.01	1.06
Solano valle	44.667*	Max WS	APP_TR200_D1	490.76	369.87	374.08	374.40	376.05	0.008978	6.52	1.80	1.99	93.39	35.76	1.07
Solano valle	44.667*	Max WS	APP_TR200_D2	630.53	369.87	374.60	374.99	376.94	0.009183	7.18	1.99	2.25	112.94	39.30	1.10
Solano valle	44.667*	Max WS	APP_TR200_D4	578.20	369.87	374.42	374.83	376.62	0.009106	6.95	1.92	2.16	105.75	38.04	1.09
Solano valle	44.333*	Max WS	APP_TR200_D3	631.21	369.80	374.46	375.15	376.75	0.009140	7.20	1.81	2.39	117.85	43.64	1.10
Solano valle	44.333*	Max WS	APP_TR200_D6	465.11	369.80	373.84	374.13	375.69	0.008871	6.40	1.78	2.06	92.82	36.83	1.06
Solano valle	44.333*	Max WS	APP_TR200_D1	491.27	369.80	373.95	374.24	375.87	0.008892	6.53	1.78	2.12	96.91	37.88	1.06
Solano valle	44.333*	Max WS	APP_TR200_D2	631.13	369.80	374.46	375.16	376.75	0.009138	7.20	1.81	2.38	117.85	43.64	1.10
Solano valle	44.333*	Max WS	APP_TR200_D4	578.72	369.80	374.28	374.76	376.42	0.009029	6.96	1.84	2.29	110.05	41.08	1.09
Solano valle	44 SOL-32	Max WS	APP_TR200_D3	631.79	369.72	374.32	374.95	376.51	0.008881	7.15	1.54	2.48	126.41	53.58	1.09
Solano valle	44 SOL-32	Max WS	APP_TR200_D6	465.50	369.72	373.70	374.03	375.49	0.008629	6.37	1.64	2.17	96.93	39.75	1.04
Solano valle	44 SOL-32	Max WS	APP_TR200_D1	491.76	369.72	373.81	374.18	375.68	0.008707	6.52	1.52	2.23	101.42	42.69	1.05
Solano valle	44 SOL-32	Max WS	APP_TR200_D2	631.72	369.72	374.32	374.96	376.51	0.008877	7.15	1.54	2.48	126.42	53.58	1.09
Solano valle	44 SOL-32	Max WS	APP_TR200_D4	579.23	369.72	374.14	374.69	376.22	0.008847	6.94	1.48	2.40	116.90	50.22	1.08
Solano valle	43.8			Lat Struct											
Solano valle	43.750*	Max WS	APP_TR200_D3	632.53	369.54	374.15	374.63	376.19	0.008571	6.99	1.73	2.40	132.68	55.15	1.07
Solano valle	43.750*	Max WS	APP_TR200_D6	466.03	369.54	373.53	373.87	375.29	0.008656	6.34	1.43	2.16	100.74	46.68	1.05
Solano valle	43.750*	Max WS	APP_TR200_D1	492.39	369.54	373.64	374.08	375.45	0.008630	6.45	1.47	2.20	105.92	48.37	1.05
Solano valle	43.750*	Max WS	APP_TR200_D2	632.50	369.54	374.15	374.63	376.19	0.008568	6.99	1.73	2.40	132.70	55.15	1.07
Solano valle	43.750*	Max WS	APP_TR200_D4	579.91	369.54	373.97	374.46	375.93	0.008616	6.81	1.60	2.33	122.68	53.49	1.06
Solano valle	43.500*	Max WS	APP_TR200_D3	630.30	369.36	373.99	374.34	375.89	0.008184	6.80	2.07	2.31	134.63	50.44	1.04
Solano valle	43.500*	Max WS	APP_TR200_D6	466.55	369.36	373.36	373.65	375.03	0.008441	6.23	1.60	2.11	104.15	47.22	1.03
Solano valle	43.500*	Max WS	APP_TR200_D1	493.01	369.36	373.47	373.75	375.18	0.008379	6.33	1.69	2.15	109.33	47.78	1.04
Solano valle	43.500*	Max WS	APP_TR200_D2	630.28	369.36	373.99	374.34	375.89	0.008179	6.80	2.07	2.31	134.66	50.44	1.04
Solano valle	43.500*	Max WS	APP_TR200_D4	579.44	369.36	373.80	374.17	375.63	0.008256	6.64	1.94	2.25	125.42	49.49	1.04
Solano valle	43.250*	Max WS	APP_TR200_D3	622.27	369.19	373.83	374.11	375.69	0.008003	6.72	2.29	2.31	130.40	44.72	1.03
Solano valle	43.250*	Max WS	APP_TR200_D6	465.52	369.19	373.20	373.37	374.81	0.008253	6.14	1.94	2.08	103.16	41.83	1.02
Solano valle	43.250*	Max WS	APP_TR200_D1	491.18	369.19	373.31	373.49	374.96	0.008192	6.24	2.00	2.12	107.82	42.34	1.02
Solano valle	43.250*	Max WS	APP_TR200_D2	622.27	369.19	373.83	374.11	375.69	0.007999	6.71	2.29	2.31	130.42	44.72	1.03
Solano valle	43.250*	Max WS	APP_TR200_D4	573.86	369.19	373.64	373.84	375.43	0.008072	6.55	2.19	2.25	122.16	43.86	1.03
Solano valle	43 SOL-31	Max WS	APP_TR200_D3	610.77	369.01	373.66	373.93	375.70	0.008366	6.86	1.98	2.38	119.19	38.69	1.05
Solano valle	43 SOL-31	Max WS	APP_TR200_D6	461.07	369.01	373.03	373.15	374.74	0.008498	6.22	1.83	2.19	95.80	35.24	1.04
Solano valle	43 SOL-31	Max WS	APP_TR200_D1	485.63	369.01	373.14	373.28	374.91	0.008464	6.33	1.86	2.22	99.75	35.84	1.04
Solano valle	43 SOL-31	Max WS	APP_TR200_D2	610.80	369.01	373.66	373.93	375.70	0.008362	6.86	1.98	2.38	119.21	38.70	1.05
Solano valle	43 SOL-31	Max WS	APP_TR200_D4	564.49	369.01	373.48	373.66	375.42	0.008407	6.68	1.94	2.32	112.04	37.67	1.05
Solano valle	42.667*	Max WS	APP_TR200_D3	608.08	368.81	373.53	373.62	375.44	0.007717	6.72	2.21	2.50	122.22	37.01	1.02
Solano valle	42.667*	Max WS	APP_TR200_D6	459.40	368.81	372.90	372.95	374.50	0.007791	6.09	1.98	2.24	99.32	35.17	1.00
Solano valle	42.667*	Max WS	APP_TR200_D1	483.90	368.81	373.01	373.07	374.66	0.007765	6.20	2.02	2.29	103.27	35.49	1.00
Solano valle	42.667*	Max WS	APP_TR200_D2	608.11	368.81	373.53	373.62	375.44	0.007713	6.72	2.21	2.50	122.25	37.01	1.02
Solano valle	42.667*	Max WS	APP_TR200_D4	562.19	368.81	373.35	373.42	375.16	0.007735	6.54	2.15	2.43	115.34	36.47	1.01
Solano valle	42.333*	Max WS	APP_TR200_D3	616.05	368.62	373.41	373.46	375.24	0.007305	6.67	2.29	2.53	128.60	38.50	1.00
Solano valle	42.333*	Max WS	APP_TR200_D6	465.65	368.62	372.78	372.84	374.33	0.007402	6.08	2.01	2.22	104.49	37.31	0.98
Solano valle	42.333*	Max WS	APP_TR200_D1	491.02	368.62	372.89	372.95	374.49	0.007387	6.19	2.06	2.28	108.68	37.52	0.98
Solano valle	42.333*	Max WS	APP_TR200_D2	616.07	368.62	373.41	373.47	375.24	0.007302	6.67	2.29	2.53	128.62	38.50	1.00
Solano valle	42.333*	Max WS	APP_TR200_D4	570.20	368.62	373.23	373.28	374.97	0.007343	6.51	2.21	2.44	121.39	38.15	0.99
Solano valle	42 SOL-30	Max WS	APP_TR200_D3	615.60	368.42	373.30	373.31	375.14	0.007164	6.74	2.32	2.62	127.82	36.87	0.99
Solano valle	42 SOL-30	Max WS	APP_TR200_D6	465.23	368.42	372.66	372.66	374.21	0.007109	6.09	1.99	2.34	104.68	35.83	0.97
Solano valle	42 SOL-30	Max WS	APP_TR200_D1	490.49	368.42	372.77	372.78	374.37	0.007120	6.20	2.05	2.39	108.72	36.02	0.97
Solano valle	42 SOL-30	Max WS	APP_TR200_D2	615.66	368.42	373.30	373.32	375.14	0.007160	6.73	2.32	2.62	127.85	36.87	0.99
Solano valle	42 SOL-30	Max WS	APP_TR200_D4	569.82	368.42	373.11	373.13	374.87	0.007162	6.55	2.23	2.54	120.91	36.56	0.99
Solano valle	41.750*	Max WS	APP_TR200_D3	613.37	368.36	373.14	373.38	375.33	0.008389	7.17	2.46	2.67	114.52	33.16	1.07
Solano valle	41.750*	Max WS	APP_TR200_D6	463.15	368.36	372.51	372.70	374.34	0.008364	6.48	2.10	2.37	93.67	32.45	1.04
Solano valle	41.750*	Max WS	APP_TR200_D1	488.23	368.36	372.62	372.82	374.51	0.008363	6.60	2.16	2.42	97.32	32.58	1.05
Solano valle	41.750*	Max WS	APP_TR200_D2	613.45	368.36	373.14	373.37	375.33	0.008387	7.17	2.46	2.67	114.54	33.16	1.07
Solano valle	41.750*	Max WS	APP_TR200_D4	567.41	368.36	372.95	373.18	375.04	0.008391	6.97	2.36	2.59	108.30	32.95	1.06
Solano valle	41.500*	Max WS	APP_TR200_D3	613.77	368.31	372.96	373.36	375.52	0.009817	7.61	2.57	2.65	103.66	30.31	1.15
Solano valle	41.500*	Max WS	APP_TR200_D6	465.28	368.31	372.33	372.71	374.48	0.009917	6.90	2.19	2.41	84.64	29.48	1.13
Solano valle	41.500*	Max WS	APP_TR200_D1	490.15	368.31	372.44	372.82	374.66	0.009889	7.02	2.26	2.45	87.97	29.63	1.13
Solano valle	41.500*	Max WS	APP_TR200_D2	613.89	368.31	372.96	373.36	375.52	0.009813	7.61	2.57	2.65	103.69	30.31	1.15
Solano valle	41.500*	Max WS	APP_TR200_D4	568.19	368.31	372.77	373.08	375.21	0.009847	7.40	2.47	2.58	97.98	30.07	1.14
Solano valle	41.250*	Max WS	APP_TR200_D3	622.14	368.25	372.75	373.44	375.78	0.011775	8.14	2.71	2.64	94.36	27.69	1.25
Solano valle	41.250*	Max WS	APP_TR200_D6	469.47	368.25	372.11	372.67	374.64	0.011957	7.37	2.27	2.40	76.85	27.14	1.23
Solano valle	41.250*	Max WS	APP_TR200_D1	495.50	368.25	372.22	372.80	374.84	0.011927	7.51	2.36	2.44	79.94	27.23	1.23
Solano valle	41.250*	Max WS	APP_TR200_D2	622.27	368.25	372.75	373.44	375.78	0.011771	8.14	2.71	2.64	94.39	27.69	1.25

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Solano valle	41.250*	Max WS	APP_TR200_D4	575.79	368.25	372.56	373.20	375.44	0.011849	7.92	2.59	2.57	89.15	27.53	1.25
Solano valle	41 SOL-29	Max WS	APP_TR200_D3	634.81	368.19	372.48	373.43	376.12	0.014661	8.79	2.85	2.50	85.80	25.64	1.38
Solano valle	41 SOL-29	Max WS	APP_TR200_D6	470.95	368.19	371.84	372.61	374.80	0.014666	7.86	2.37	2.26	69.51	24.95	1.34
Solano valle	41 SOL-29	Max WS	APP_TR200_D1	498.33	368.19	371.96	372.75	375.04	0.014672	8.03	2.44	2.31	72.37	25.28	1.35
Solano valle	41 SOL-29	Max WS	APP_TR200_D2	634.95	368.19	372.48	373.43	376.12	0.014656	8.79	2.85	2.50	85.82	25.64	1.38
Solano valle	41 SOL-29	Max WS	APP_TR200_D4	584.56	368.19	372.29	373.20	375.74	0.014687	8.53	2.71	2.44	80.95	25.54	1.37
Solano valle	40.667*	Max WS	APP_TR200_D3	639.27	367.88	372.21	373.23	375.92	0.014997	8.78	2.36	2.43	84.78	27.35	1.39
Solano valle	40.667*	Max WS	APP_TR200_D6	471.46	367.88	371.57	372.41	374.56	0.014939	7.82	1.98	2.17	67.84	25.08	1.35
Solano valle	40.667*	Max WS	APP_TR200_D1	499.01	367.88	371.69	372.55	374.80	0.014934	7.99	2.03	2.22	70.72	25.61	1.36
Solano valle	40.667*	Max WS	APP_TR200_D2	639.50	367.88	372.21	373.22	375.92	0.014996	8.78	2.36	2.43	84.80	27.35	1.39
Solano valle	40.667*	Max WS	APP_TR200_D4	586.82	367.88	372.02	372.98	375.52	0.015010	8.51	2.19	2.36	79.59	27.17	1.38
Solano valle	40.333*	Max WS	APP_TR200_D3	639.97	367.58	371.94	372.98	375.61	0.014861	8.65	1.85	2.30	83.30	27.66	1.37
Solano valle	40.333*	Max WS	APP_TR200_D6	471.93	367.58	371.30	372.15	374.18	0.014506	7.62	1.98	2.02	67.44	23.27	1.32
Solano valle	40.333*	Max WS	APP_TR200_D1	499.60	367.58	371.42	372.30	374.42	0.014521	7.79	2.04	2.07	70.09	23.50	1.33
Solano valle	40.333*	Max WS	APP_TR200_D2	640.20	367.58	371.94	372.98	375.61	0.014856	8.65	1.85	2.30	83.34	27.67	1.37
Solano valle	40.333*	Max WS	APP_TR200_D4	587.45	367.58	371.75	372.73	375.18	0.014761	8.35	1.89	2.22	78.26	25.90	1.36
Solano valle	40 SOL-28	Max WS	APP_TR200_D3	640.66	367.27	371.67	372.68	375.08	0.013819	8.30	2.09	2.13	84.21	24.45	1.32
Solano valle	40 SOL-28	Max WS	APP_TR200_D6	472.41	367.27	371.05	371.64	373.71	0.013395	7.30	1.74	1.85	69.20	23.30	1.26
Solano valle	40 SOL-28	Max WS	APP_TR200_D1	500.20	367.27	371.16	371.82	373.94	0.013437	7.48	1.81	1.90	71.85	23.51	1.27
Solano valle	40 SOL-28	Max WS	APP_TR200_D2	640.91	367.27	371.68	372.68	375.09	0.013816	8.30	2.09	2.13	84.24	24.45	1.32
Solano valle	40 SOL-28	Max WS	APP_TR200_D4	588.06	367.27	371.49	372.43	374.67	0.013679	8.00	1.99	2.05	79.70	24.11	1.30
Solano valle	39.857*	Max WS	APP_TR200_D3	641.40	367.02	371.41	372.34	374.59	0.013155	8.09	2.27	2.19	89.69	28.24	1.29
Solano valle	39.857*	Max WS	APP_TR200_D6	472.93	367.02	370.79	371.39	373.31	0.012878	7.16	1.90	1.90	72.73	26.33	1.24
Solano valle	39.857*	Max WS	APP_TR200_D1	500.83	367.02	370.90	371.50	373.53	0.012896	7.32	1.96	1.95	75.70	26.68	1.25
Solano valle	39.857*	Max WS	APP_TR200_D2	641.67	367.02	371.41	372.34	374.59	0.013153	8.09	2.27	2.19	89.72	28.24	1.29
Solano valle	39.857*	Max WS	APP_TR200_D4	588.73	367.02	371.23	372.12	374.21	0.013061	7.81	2.16	2.10	84.56	27.68	1.27
Solano valle	39.714*	Max WS	APP_TR200_D3	642.14	366.76	371.15	372.18	374.37	0.013253	8.11	1.75	2.21	89.06	29.63	1.30
Solano valle	39.714*	Max WS	APP_TR200_D6	473.45	366.76	370.53	371.03	373.07	0.012892	7.15	1.69	1.86	72.14	26.33	1.24
Solano valle	39.714*	Max WS	APP_TR200_D1	501.47	366.76	370.65	371.27	373.29	0.012916	7.32	1.74	1.92	75.10	26.72	1.25
Solano valle	39.714*	Max WS	APP_TR200_D2	642.42	366.76	371.15	372.20	374.37	0.013247	8.11	1.75	2.21	89.11	29.65	1.30
Solano valle	39.714*	Max WS	APP_TR200_D4	589.38	366.76	370.97	371.97	373.97	0.013099	7.82	1.92	2.11	83.89	27.86	1.28
Solano valle	39.571*	Max WS	APP_TR200_D3	642.88	366.51	370.89	371.84	374.02	0.013004	8.02	1.48	2.22	92.17	34.27	1.29
Solano valle	39.571*	Max WS	APP_TR200_D6	473.97	366.51	370.28	370.88	372.76	0.012672	7.08	1.68	1.86	73.62	27.62	1.23
Solano valle	39.571*	Max WS	APP_TR200_D1	502.11	366.51	370.39	371.10	372.98	0.012692	7.24	1.72	1.92	76.71	28.14	1.24
Solano valle	39.571*	Max WS	APP_TR200_D2	643.20	366.51	370.89	371.85	374.02	0.013003	8.02	1.48	2.22	92.21	34.29	1.29
Solano valle	39.571*	Max WS	APP_TR200_D4	590.04	366.51	370.71	371.63	373.65	0.012911	7.74	1.51	2.11	86.26	31.88	1.27
Solano valle	39.5			Lat Struct											
Solano valle	39.429*	Max WS	APP_TR200_D3	642.76	366.25	370.64	371.45	373.54	0.012312	7.79	1.53	2.27	98.48	38.30	1.25
Solano valle	39.429*	Max WS	APP_TR200_D6	474.48	366.25	370.04	370.66	372.43	0.012362	6.98	1.40	1.78	76.89	32.62	1.22
Solano valle	39.429*	Max WS	APP_TR200_D1	502.75	366.25	370.15	370.82	372.63	0.012348	7.13	1.41	1.84	80.57	33.86	1.23
Solano valle	39.429*	Max WS	APP_TR200_D2	643.08	366.25	370.64	371.45	373.54	0.012306	7.79	1.53	2.27	98.54	38.31	1.25
Solano valle	39.429*	Max WS	APP_TR200_D4	590.53	366.25	370.46	371.26	373.22	0.012353	7.56	1.48	2.11	91.76	36.78	1.24
Solano valle	39.3			Lat Struct											
Solano valle	39.286*	Max WS	APP_TR200_D3	642.41	366.00	370.41	371.14	373.12	0.011701	7.59	1.70	2.31	102.74	39.18	1.22
Solano valle	39.286*	Max WS	APP_TR200_D6	475.01	366.00	369.80	370.37	372.09	0.011989	6.87	1.44	1.77	79.95	35.55	1.20
Solano valle	39.286*	Max WS	APP_TR200_D1	503.31	366.00	369.91	370.50	372.28	0.011927	7.00	1.48	1.86	83.94	36.39	1.21
Solano valle	39.286*	Max WS	APP_TR200_D2	642.74	366.00	370.41	371.14	373.13	0.011696	7.59	1.70	2.31	102.80	39.20	1.22
Solano valle	39.286*	Max WS	APP_TR200_D4	590.41	366.00	370.23	370.95	372.82	0.011789	7.38	1.62	2.16	95.77	38.12	1.22
Solano valle	39.143*	Max WS	APP_TR200_D3	644.10	365.74	370.18	370.92	372.96	0.011861	7.63	1.91	2.24	99.59	36.16	1.23
Solano valle	39.143*	Max WS	APP_TR200_D6	475.53	365.74	369.56	370.08	371.83	0.011855	6.82	1.61	2.00	78.94	31.77	1.20
Solano valle	39.143*	Max WS	APP_TR200_D1	503.95	365.74	369.68	370.24	372.03	0.011840	6.96	1.67	2.06	82.49	32.42	1.20
Solano valle	39.143*	Max WS	APP_TR200_D2	644.45	365.74	370.18	370.92	372.96	0.011853	7.63	1.91	2.24	99.66	36.17	1.23
Solano valle	39.143*	Max WS	APP_TR200_D4	591.56	365.74	369.99	370.71	372.62	0.011867	7.40	1.84	2.17	93.16	34.67	1.22
Solano valle	39 SOL-27	Max WS	APP_TR200_D3	644.83	365.49	369.95	370.59	372.58	0.011369	7.47	2.09	2.31	102.51	35.76	1.21
Solano valle	39 SOL-27	Max WS	APP_TR200_D6	476.04	365.49	369.34	369.81	371.50	0.011447	6.69	1.78	1.97	81.55	32.76	1.18
Solano valle	39 SOL-27	Max WS	APP_TR200_D1	504.57	365.49	369.45	369.94	371.69	0.011425	6.83	1.84	2.04	85.21	33.30	1.18
Solano valle	39 SOL-27	Max WS	APP_TR200_D2	645.19	365.49	369.95	370.59	372.59	0.011366	7.47	2.09	2.31	102.57	35.76	1.21
Solano valle	39 SOL-27	Max WS	APP_TR200_D4	592.19	365.49	369.76	370.34	372.26	0.011407	7.24	2.00	2.22	96.05	34.86	1.20
Solano valle	38.667*	Max WS	APP_TR200_D3	646.02	365.40	369.75	370.54	372.42	0.011565	7.50	2.11	2.16	102.46	38.11	1.22
Solano valle	38.667*	Max WS	APP_TR200_D6	476.49	365.40	369.14	369.70	371.32	0.011653	6.71	1.84	2.00	80.51	32.47	1.19
Solano valle	38.667*	Max WS	APP_TR200_D1	505.14	365.40	369.25	369.83	371.53	0.011667	6.87	1.90	1.97	84.17	33.77	1.19
Solano valle	38.667*	Max WS	APP_TR200_D2	646.43	365.40	369.75	370.54	372.42	0.011560	7.50	2.11	2.16	102.53	38.11	1.21
Solano valle	38.667*	Max WS	APP_TR200_D4	593.05	365.40	369.57	370.35	372.12	0.011684	7.30	2.07	1.98	95.52	37.52	1.21
Solano valle	38.333*	Max WS	APP_TR200_D3	647.16	365.32	369.56	370.01	372.21	0.010831	7.47	2.09	2.52	100.18	33.38	1.21
Solano valle	38.333*	Max WS	APP_TR200_D6	476.95	365.32	368.95	369.38	371.09	0.010840	6.66	1.78	2.17	80.47	31.06	1.18
Solano valle	38.333*	Max WS	APP_TR200_D1	505.69	365.32	369.06	369.51	371.29	0.010822	6.80	1.83	2.25	83.93	31.42	1.18
Solano valle	38.333*	Max WS	APP_TR200_D2	647.59	365.32	369.56	370.02	372.22	0.010827	7.47	2.09	2.53	100.24	33.39	1.21
Solano valle	38.333*	Max WS	APP_TR200_D4	593.91	365.32	369.37	369.85	371.88	0.010844	7.23	2.00	2.44	94.10	32.58	1.20
Solano valle	38 SOL-26	Max WS	APP_TR200_D3	647.81	365.23	369.38	370.02	371.98	0.010515	7.38	2.07	2.37	101.31	34.66	1.19
Solano valle	38 SOL-26	Max WS	APP_TR200_D6	477.40	365.23	368.76	369.07	370.83	0.010335	6.54	1.74	2.24	81.57	30.73	1.15
Solano valle	38 SOL-26	Max WS	APP_TR200_D1	506.24	365.23	368.88	369.23	371.03	0.010345	6.68	1.80	2.31	84.99	31.11	1.15
Solano valle	38 SOL-26	Max WS	APP_TR200_D2	648.26	365.23	369.38	370.02	371.98	0.010513	7.38	2.07	2.37	101.37	34.68	1.19
Solano valle	38 SOL-26	Max WS	APP_TR200_D4	594.48	365.23	369.19	369.80	371.63	0.010464	7.13	1.97	2.40	95.07	32.93	1.18
Solano valle	37.900*	Max WS	APP_TR200_D3	648.52	365.00	369.18	370.02	371.80	0.010658	7.43	2.20	2.47	100.67	35.03	1.20
Solano valle	37.900*	Max WS	APP_TR200_D6	477.89	365.00	368.57	368.95	370.67	0.010511	6.59	1.86	2.28	80.83	31.07	1.16
Solano valle	37.900*	Max WS	APP_TR200_D1	506.85	365.00	368.68	369.09	370.87	0.010517	6.74	1.92	2.36	84.28	31.50	1.16
Solano valle	37.900*	Max WS	APP_TR200_D2	649.00	365.00	369.18	370.02	371.81	0.010653	7.43	2.20	2.47	100.75	35.05	1.20
Solano valle	37.900*	Max WS	APP_TR200_D4	595.11	365.00	368.99	369.83	371.46	0.010606	7.18	2.10	2.50	94.42	33.21	1.18
Solano valle	37.800*	Max WS	APP_TR200_D3	649.23	364.78	368.98	369.81	371.66	0.010233	7.49	2.26	2.51	99.69	35.16	1.21
Solano valle	37.800*	Max WS	APP_TR200_D6	478.39	364.78	368.37	368.80	370.53	0.010116	6.66	1.90	2.25	79.84	31.19	1.17
Solano valle	37.800*	Max WS	APP_TR200_D1	507.47	364.78	368.48	368.92	370.73	0.010116	6.81	1.96	2.34	83.32	31.66	1.17
Solano valle	37.800*	Max WS	APP_TR200_D2	649.73	364.78	368.98	369.81	371.66	0.010229	7.49	2.26	2.51	99.76	35.18	1.21
Solano valle	37.800*	Max WS	APP_TR200_D4	595.74	364.78	368.80	369.60	371.31	0.010180	7.24	2.15	2.53	93.46	33.26	1.19
Solano valle	37.700*	Max WS	APP_TR200_D3	649.95	364.55	368.78	369.68	371.50	0.010409	7.55	2.35	2.56	98.77	35.37	1.22
Solano valle	37.700*	Max WS	APP_TR200_D6	478.90	364.55	368.18	368.66	370.38	0.010323	6.73	1.98	2.23	78.85	31.35	1.18
Solano valle	37.700*	Max WS	APP_TR200_D1	508.08	364.55	368.29	368.75	370.58	0.010317	6.88	2.05	2.33	82.36	31.88	1.18
Solano valle	37.700*	Max WS	APP_TR200_D2	650.47	364.55	368.79	369.69	371.51	0.010405	7.55	2.35	2.56	98.84	35.39	1.22
Solano valle	37.700*	Max WS	APP_TR200_D4	596.39	364.55	368.60	369.51	371.16	0.010355	7.30	2.24	2.57	92.55	33.41	1.20
Solano valle	37.600*	Max WS	APP_TR200_D3	650.66	364.33	368.58	369.53	371.36	0.010643	7.63	2.46	2.60	97.57	35.51	1.23
Solano valle	37.600*	Max WS	APP_TR200_D6	479.39	364.33	367.98	368.45	370.25	0.010601	6.81	2.07	2.21	77.61	31.42	1.19
Solano valle	37.600*	Max WS	APP_TR200_D1	508.68	364.33	368.09	368.56	370.44	0.010584	6.96	2.14	2.31	81.14	32.01	1.20
Solano valle	37.600*	Max WS	APP_TR200_D2	651.20	364.33	368.59	369.54	371.36	0.010641	7.63	2.47	2.60	97.65	35.53	1.23
Solano valle	37.600*	Max WS	APP_TR200_D4	597.03	364.33	368.40	369.35	371.02	0.010608	7.38	2.35	2.57	91.36	33.67	1.22

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Solano valle	37.500*	Max WS	APP_TR200_D3	651.37	364.10	368.39	369.38	371.25	0.010325	7.73	2.44	2.51	96.28	35.69	1.24
Solano valle	37.500*	Max WS	APP_TR200_D6	479.89	364.10	367.78	368.32	370.13	0.010294	6.91	2.06	2.06	76.27	31.38	1.21
Solano valle	37.500*	Max WS	APP_TR200_D1	509.29	364.10	367.90	368.47	370.33	0.010279	7.06	2.13	2.16	79.82	32.06	1.21
Solano valle	37.500*	Max WS	APP_TR200_D2	651.93	364.10	368.39	369.38	371.25	0.010322	7.74	2.44	2.51	96.35	35.72	1.24
Solano valle	37.500*	Max WS	APP_TR200_D4	597.67	364.10	368.21	369.19	370.91	0.010304	7.49	2.34	2.44	90.07	33.94	1.23
Solano valle	37.400*	Max WS	APP_TR200_D3	652.09	363.87	368.19	369.19	371.17	0.010728	7.87	1.95	2.43	94.96	38.48	1.27
Solano valle	37.400*	Max WS	APP_TR200_D6	480.39	363.87	367.59	368.07	370.01	0.010613	7.01	2.11	1.96	74.82	31.21	1.22
Solano valle	37.400*	Max WS	APP_TR200_D1	509.90	363.87	367.70	368.68	370.21	0.010602	7.16	2.19	2.07	78.35	31.98	1.23
Solano valle	37.400*	Max WS	APP_TR200_D2	652.68	363.87	368.19	369.19	371.17	0.010727	7.87	1.94	2.43	95.04	38.57	1.27
Solano valle	37.400*	Max WS	APP_TR200_D4	598.30	363.87	368.01	369.01	370.80	0.010625	7.59	2.41	2.36	88.60	34.12	1.25
Solano valle	37.300*	Max WS	APP_TR200_D3	652.80	363.65	367.98	369.07	371.06	0.011105	7.98	2.11	2.44	93.10	37.48	1.28
Solano valle	37.300*	Max WS	APP_TR200_D6	480.89	363.65	367.38	368.03	369.90	0.011024	7.12	2.17	1.84	73.10	30.80	1.24
Solano valle	37.300*	Max WS	APP_TR200_D1	510.52	363.65	367.49	368.38	370.11	0.011022	7.28	2.25	1.96	76.58	31.69	1.25
Solano valle	37.300*	Max WS	APP_TR200_D2	653.41	363.65	367.98	369.07	371.06	0.011103	7.98	2.11	2.44	93.18	37.53	1.28
Solano valle	37.300*	Max WS	APP_TR200_D4	598.94	363.65	367.80	368.89	370.70	0.011049	7.72	2.48	2.28	86.76	34.16	1.27
Solano valle	37.200*	Max WS	APP_TR200_D3	653.51	363.42	367.77	368.92	370.98	0.010900	8.13	2.14	2.28	91.07	37.47	1.31
Solano valle	37.200*	Max WS	APP_TR200_D6	481.38	363.42	367.18	368.08	369.79	0.010777	7.25	2.16	1.67	71.30	30.08	1.27
Solano valle	37.200*	Max WS	APP_TR200_D1	511.13	363.42	367.29	368.23	370.01	0.010788	7.41	2.24	1.79	74.71	31.12	1.27
Solano valle	37.200*	Max WS	APP_TR200_D2	654.14	363.42	367.77	368.92	370.99	0.010895	8.13	2.13	2.29	91.16	37.51	1.31
Solano valle	37.200*	Max WS	APP_TR200_D4	599.58	363.42	367.60	368.73	370.63	0.010856	7.87	2.33	2.11	84.76	34.43	1.30
Solano valle	37.100*	Max WS	APP_TR200_D3	654.23	363.20	367.56	368.73	370.89	0.011365	8.26	2.37	2.23	88.77	36.96	1.33
Solano valle	37.100*	Max WS	APP_TR200_D6	481.88	363.20	366.97	367.79	369.67	0.011200	7.36	2.27	1.61	69.48	28.81	1.29
Solano valle	37.100*	Max WS	APP_TR200_D1	511.74	363.20	367.08	368.12	369.90	0.011223	7.53	2.37	1.71	72.78	30.16	1.29
Solano valle	37.100*	Max WS	APP_TR200_D2	654.88	363.20	367.56	368.73	370.90	0.011361	8.26	2.37	2.23	88.86	37.00	1.33
Solano valle	37.100*	Max WS	APP_TR200_D4	600.22	363.20	367.39	368.54	370.54	0.011326	8.00	2.43	2.05	82.57	34.13	1.32
Solano valle	37 SOL-25	Max WS	APP_TR200_D3	654.94	362.97	367.35	368.63	370.82	0.011136	8.41	2.87	2.09	86.09	35.11	1.36
Solano valle	37 SOL-25	Max WS	APP_TR200_D6	482.38	362.97	366.76	367.68	369.56	0.010900	7.47	2.32	1.55	67.81	27.03	1.31
Solano valle	37 SOL-25	Max WS	APP_TR200_D1	512.35	362.97	366.87	367.86	369.80	0.010947	7.65	2.43	1.62	70.91	28.56	1.32
Solano valle	37 SOL-25	Max WS	APP_TR200_D2	655.62	362.97	367.35	368.63	370.82	0.011133	8.41	2.87	2.09	86.18	35.14	1.36
Solano valle	37 SOL-25	Max WS	APP_TR200_D4	600.86	362.97	367.18	368.43	370.45	0.011085	8.14	2.71	1.91	80.23	32.74	1.34
Solano valle	36.933*	Max WS	APP_TR200_D3	655.65	362.79	367.14	368.27	370.56	0.011073	8.36	2.57	2.30	86.81	34.81	1.35
Solano valle	36.933*	Max WS	APP_TR200_D6	482.88	362.79	366.55	367.56	369.32	0.010861	7.43	2.34	1.58	68.42	27.93	1.30
Solano valle	36.933*	Max WS	APP_TR200_D1	512.96	362.79	366.66	367.70	369.56	0.010897	7.61	2.44	1.67	71.60	29.36	1.31
Solano valle	36.933*	Max WS	APP_TR200_D2	656.35	362.79	367.14	368.27	370.57	0.011071	8.37	2.57	2.31	86.89	34.83	1.35
Solano valle	36.933*	Max WS	APP_TR200_D4	601.50	362.79	366.97	368.07	370.20	0.011022	8.10	2.53	2.07	81.01	32.89	1.34
Solano valle	36.867*	Max WS	APP_TR200_D3	656.37	362.62	366.93	368.06	370.31	0.011017	8.32	2.56	2.24	87.94	36.82	1.35
Solano valle	36.867*	Max WS	APP_TR200_D6	483.38	362.62	366.35	367.39	369.09	0.010813	7.40	2.35	1.63	69.06	28.69	1.30
Solano valle	36.867*	Max WS	APP_TR200_D1	513.57	362.62	366.46	367.53	369.32	0.010840	7.57	2.45	1.74	72.31	30.03	1.31
Solano valle	36.867*	Max WS	APP_TR200_D2	657.09	362.62	366.93	368.07	370.32	0.011014	8.32	2.56	2.24	88.03	36.86	1.35
Solano valle	36.867*	Max WS	APP_TR200_D4	602.14	362.62	366.76	367.87	369.96	0.010967	8.06	2.52	2.05	81.90	34.24	1.34
Solano valle	36.800*	Max WS	APP_TR200_D3	657.09	362.44	366.72	367.90	370.05	0.010926	8.27	2.71	2.31	88.64	36.45	1.35
Solano valle	36.800*	Max WS	APP_TR200_D6	483.88	362.44	366.14	366.96	368.85	0.010758	7.36	2.36	1.69	69.72	29.34	1.30
Solano valle	36.800*	Max WS	APP_TR200_D1	514.18	362.44	366.26	367.09	369.08	0.010773	7.53	2.46	1.81	73.05	30.59	1.31
Solano valle	36.800*	Max WS	APP_TR200_D2	657.82	362.44	366.72	367.91	370.06	0.010925	8.27	2.71	2.31	88.73	36.48	1.35
Solano valle	36.800*	Max WS	APP_TR200_D4	602.78	362.44	366.55	367.72	369.70	0.010883	8.01	2.62	2.13	82.66	34.28	1.33
Solano valle	36.733*	Max WS	APP_TR200_D3	657.80	362.27	366.52	367.67	369.80	0.010839	8.22	2.76	2.38	89.36	36.35	1.34
Solano valle	36.733*	Max WS	APP_TR200_D6	484.38	362.27	365.94	366.77	368.61	0.010690	7.32	2.37	1.76	70.41	29.86	1.30
Solano valle	36.733*	Max WS	APP_TR200_D1	514.80	362.27	366.05	366.84	368.84	0.010703	7.49	2.47	1.88	73.77	31.03	1.31
Solano valle	36.733*	Max WS	APP_TR200_D2	658.56	362.27	366.52	367.68	369.80	0.010835	8.22	2.77	2.38	89.46	36.38	1.34
Solano valle	36.733*	Max WS	APP_TR200_D4	603.43	362.27	366.35	367.49	369.45	0.010799	7.96	2.66	2.20	83.41	34.39	1.33
Solano valle	36.667*	Max WS	APP_TR200_D3	658.51	362.09	366.31	367.44	369.55	0.010749	8.16	2.81	2.44	90.06	36.33	1.34
Solano valle	36.667*	Max WS	APP_TR200_D6	484.87	362.09	365.74	366.56	368.37	0.010607	7.27	2.38	1.84	71.12	30.29	1.29
Solano valle	36.667*	Max WS	APP_TR200_D1	515.41	362.09	365.85	366.76	368.60	0.010623	7.44	2.48	1.96	74.49	31.36	1.30
Solano valle	36.667*	Max WS	APP_TR200_D2	659.30	362.09	366.31	367.44	369.55	0.010746	8.17	2.81	2.44	90.16	36.37	1.34
Solano valle	36.667*	Max WS	APP_TR200_D4	604.06	362.09	366.14	367.26	369.20	0.010711	7.91	2.69	2.28	84.13	34.42	1.33
Solano valle	36.600*	Max WS	APP_TR200_D3	659.22	361.91	366.11	367.20	369.30	0.010665	8.12	2.86	2.46	90.73	36.47	1.33
Solano valle	36.600*	Max WS	APP_TR200_D6	485.37	361.91	365.54	366.35	368.14	0.010515	7.23	2.39	1.92	71.82	30.61	1.29
Solano valle	36.600*	Max WS	APP_TR200_D1	516.01	361.91	365.65	366.57	368.36	0.010532	7.40	2.50	2.04	75.21	31.59	1.30
Solano valle	36.600*	Max WS	APP_TR200_D2	660.03	361.91	366.11	367.21	369.31	0.010665	8.12	2.86	2.46	90.82	36.51	1.33
Solano valle	36.600*	Max WS	APP_TR200_D4	604.70	361.91	365.94	367.02	368.95	0.010616	7.86	2.72	2.35	84.81	34.35	1.32
Solano valle	36.533*	Max WS	APP_TR200_D3	659.94	361.74	365.91	366.98	369.06	0.010582	8.07	2.88	2.49	91.36	36.59	1.33
Solano valle	36.533*	Max WS	APP_TR200_D6	485.87	361.74	365.34	366.22	367.90	0.010411	7.18	2.41	2.00	72.52	30.82	1.28
Solano valle	36.533*	Max WS	APP_TR200_D1	516.62	361.74	365.45	366.34	368.12	0.010428	7.35	2.50	2.12	75.91	31.73	1.29
Solano valle	36.533*	Max WS	APP_TR200_D2	660.77	361.74	365.91	366.98	369.07	0.010580	8.07	2.88	2.49	91.46	36.62	1.33
Solano valle	36.533*	Max WS	APP_TR200_D4	605.34	361.74	365.74	366.79	368.71	0.010515	7.80	2.74	2.43	85.46	34.25	1.32
Solano valle	36.467*	Max WS	APP_TR200_D3	660.65	361.56	365.71	366.75	368.82	0.010502	8.02	2.91	2.50	91.93	36.69	1.33
Solano valle	36.467*	Max WS	APP_TR200_D6	486.36	361.56	365.15	365.96	367.66	0.010294	7.13	2.42	2.08	73.20	30.93	1.28
Solano valle	36.467*	Max WS	APP_TR200_D1	517.23	361.56	365.25	366.11	367.88	0.010313	7.30	2.51	2.20	76.59	31.76	1.29
Solano valle	36.467*	Max WS	APP_TR200_D2	661.50	361.56	365.71	366.75	368.83	0.010501	8.03	2.91	2.50	92.03	36.73	1.33
Solano valle	36.467*	Max WS	APP_TR200_D4	605.98	361.56	365.54	366.37	368.48	0.010424	7.76	2.76	2.43	86.07	34.46	1.31
Solano valle	36.400*	Max WS	APP_TR200_D3	661.37	361.39	365.51	366.53	368.58	0.010404	7.97	2.88	2.60	92.40	36.17	1.32
Solano valle	36.400*	Max WS	APP_TR200_D6	486.85	361.39	364.95	365.72	367.43	0.010164	7.07	2.43	2.16	73.86	30.94	1.27
Solano valle	36.400*	Max WS	APP_TR200_D1	517.83	361.39	365.06	365.88	367.64	0.010191	7.24	2.51	2.27	77.24	31.73	1.28
Solano valle	36.400*	Max WS	APP_TR200_D2	662.24	361.39	365.51	366.53	368.59	0.010403	7.98	2.88	2.60	92.50	36.20	1.32
Solano valle	36.400*	Max WS	APP_TR200_D4	606.61	361.39	365.35	366.15	368.24	0.010321	7.71	2.74	2.49	86.64	34.39	1.31
Solano valle	36.333*	Max WS	APP_TR200_D3	661.93	361.21	365.31	366.10	368.34	0.010287	7.92	2.95	2.61	93.02	36.00	1.31
Solano valle	36.333*	Max WS	APP_TR200_D6	487.33	361.21	364.76	365.49	367.19	0.010014	7.02	2.44	2.23	74.52	30.85	1.26
Solano valle	36.333*	Max WS	APP_TR200_D1	518.41	361.21	364.87	365.62	367.41	0.010048	7.19	2.54	2.35	77.86	31.53	1.27
Solano valle	36.333*	Max WS	APP_TR200_D2	662.81	361.21	365.32	366.11	368.35	0.010285	7.92	2.95	2.61	93.12	36.00	1.31
Solano valle	36.333*	Max WS	APP_TR200_D4	607.22	361.21	365.15	365.97	368.02	0.010243	7.67	2.81	2.38	87.22	35.12	1.30
Solano valle	36.267*	Max WS	APP_TR200_D3	661.57	361.03	365.12	365.82	368.10	0.010147	7.86	2.95	2.70	93.28	35.06	1.31
Solano valle	36.267*	Max WS	APP_TR200_D6	487.79	361.03	364.57	365.26	366.96	0.009858	6.96	2.45	2.30	75.12	30.67	1.25
Solano valle	36.267*	Max WS	APP_TR200_D1	518.98	361.03	364.68	365.39	367.18	0.009913	7.14	2.55	2.36	78.42	31.51	1.26
Solano valle	36.267*	Max WS	APP_TR200_D2	662.45	361.03	365.12	365.82	368.11	0.010143	7.86	2.96	2.71	93.38	35.07	1.30
Solano valle	36.267*	Max WS	APP_TR200_D4	607.79	361.03	364.96	365.74	367.79	0.010133	7.62	2.82	2.42	87.65	34.77	1.29
Solano valle	36.200*	Max WS	APP_TR200_D3	656.81	360.86	364.93	365.78	367.71	0.009540	7.62	2.85	3.08	95.86	34.19	1.27
Solano valle	36.200*	Max WS	APP_TR200_D6	487.34	360.86	364.39	364.98	366.68	0.009476	6.83	2.43	2.25	77.61	33.05	1.23
Solano valle	36.200*	Max WS	APP_TR200_D1	517.85	360.86	364.50	365.12	366.87	0.009469	6.98	2.51	2.43	81.12	33.27	1.24
Solano valle	36.200*	Max WS	APP_TR200_D2	657.72	360.86	364.94	365.47	367.72	0.009541	7.62	2.86	3.09	95.95	34.19	1.27
Solano valle	36.200*	Max WS	APP_TR200_D4	603.88	360.86	364.77	365.43	367.40	0.009518	7.39	2.73	2.86	90.38	33.85	1.26
Solano valle	36.133*	Max WS	APP_TR200_D3	660.16	360.68	364.76	365.53	367.42	0.009178	7.49	2.84	3.46	97.79	33.16	1.24
Solano valle	36.133*	Max WS	APP_TR200_D6	486.95	360.68	364.22	364.69	366.34	0.008868	6.62	2.38	2.78	80.22	32.01	1.19
Solano valle	36.133*	Max WS	APP_TR200_D1	517.73	360.68	364.32	364.84	366.54	0.008890	6.78	2.47	2.91	83.62	32.24	1.20
Solano valle	36.133*	Max WS	APP_TR200_D2	661.19	360.68	364.76	365.53	367.43	0.009181	7.49	2.84	3.46	97.88	33.17	1.24
Solano valle	36.133*	Max WS	APP_TR200_D4	605.15	360.68	364.60	365.09	367.09	0.009054	7.22	2.70	3.26	92.53	32.82	1.23

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Solano valle	36.067*	Max WS	APP_TR200_D3	660.81	360.51	364.58	365.40	367.35	0.009359	7.57	2.94	3.13	95.40	31.99	1.26
Solano valle	36.067*	Max WS	APP_TR200_D6	487.11	360.51	364.05	364.54	366.23	0.008892	6.66	2.44	2.41	78.66	30.99	1.19
Solano valle	36.067*	Max WS	APP_TR200_D1	517.91	360.51	364.15	364.67	366.43	0.008940	6.82	2.54	2.56	81.93	31.19	1.20
Solano valle	36.067*	Max WS	APP_TR200_D2	661.91	360.51	364.58	365.14	367.36	0.009365	7.58	2.95	3.13	95.49	31.99	1.26
Solano valle	36.067*	Max WS	APP_TR200_D4	605.27	360.51	364.42	365.01	367.00	0.009174	7.29	2.79	2.92	90.42	31.69	1.24
Solano valle	36.06			Lat Struct											
Solano valle	36.05			Lat Struct											
Solano valle	36 SOL-24	Max WS	APP_TR200_D3	664.73	360.33	364.40	365.26	367.27	0.009547	7.66	3.01	2.89	93.42	30.79	1.27
Solano valle	36 SOL-24	Max WS	APP_TR200_D6	488.34	360.33	363.88	364.36	366.07	0.008786	6.64	2.47	2.36	77.83	29.10	1.19
Solano valle	36 SOL-24	Max WS	APP_TR200_D1	519.20	360.33	363.99	364.51	366.28	0.008879	6.82	2.57	2.45	80.86	29.45	1.20
Solano valle	36 SOL-24	Max WS	APP_TR200_D2	665.90	360.33	364.40	365.27	367.28	0.009559	7.67	3.01	2.89	93.50	30.79	1.27
Solano valle	36 SOL-24	Max WS	APP_TR200_D4	607.65	360.33	364.25	364.83	366.89	0.009255	7.33	2.84	2.71	88.78	30.35	1.24
Solano valle	35.750*	Max WS	APP_TR200_D3	665.50	360.21	364.22	365.12	367.12	0.010044	7.74	2.99	3.09	93.92	32.63	1.30
Solano valle	35.750*	Max WS	APP_TR200_D6	487.66	360.21	363.72	364.12	365.90	0.009108	6.67	2.75	2.47	78.29	30.26	1.20
Solano valle	35.750*	Max WS	APP_TR200_D1	518.25	360.21	363.82	364.16	366.11	0.009180	6.84	2.85	2.59	81.38	30.48	1.22
Solano valle	35.750*	Max WS	APP_TR200_D2	666.63	360.21	364.22	365.13	367.13	0.010055	7.75	2.99	3.09	94.00	32.66	1.30
Solano valle	35.750*	Max WS	APP_TR200_D4	607.50	360.21	364.08	364.92	366.71	0.009613	7.37	3.09	2.90	89.31	31.20	1.26
Solano valle	35.500*	Max WS	APP_TR200_D3	664.47	360.08	364.03	365.04	366.94	0.010543	7.79	3.58	3.01	93.33	31.64	1.32
Solano valle	35.500*	Max WS	APP_TR200_D6	491.90	360.08	363.54	364.04	365.78	0.009772	6.79	3.00	2.59	78.15	30.53	1.24
Solano valle	35.500*	Max WS	APP_TR200_D1	523.16	360.08	363.64	364.16	366.00	0.009856	6.97	3.11	2.68	81.24	30.76	1.25
Solano valle	35.500*	Max WS	APP_TR200_D2	665.28	360.08	364.03	365.04	366.95	0.010543	7.79	3.58	3.01	93.41	31.64	1.32
Solano valle	35.500*	Max WS	APP_TR200_D4	611.26	360.08	363.89	364.86	366.59	0.010280	7.49	3.41	2.90	88.97	31.33	1.29
Solano valle	35.250*	Max WS	APP_TR200_D3	664.50	359.96	363.83	365.01	366.88	0.011563	7.98	3.85	2.12	90.64	31.69	1.37
Solano valle	35.250*	Max WS	APP_TR200_D6	495.53	359.96	363.35	363.99	365.75	0.010889	7.02	3.25	1.71	75.86	30.59	1.30
Solano valle	35.250*	Max WS	APP_TR200_D1	528.04	359.96	363.45	364.08	365.97	0.011010	7.21	3.38	1.81	78.89	30.81	1.31
Solano valle	35.250*	Max WS	APP_TR200_D2	665.05	359.96	363.83	365.01	366.89	0.011553	7.98	3.86	2.12	90.72	31.69	1.37
Solano valle	35.250*	Max WS	APP_TR200_D4	614.09	359.96	363.69	364.22	366.56	0.011376	7.71	3.69	2.02	86.40	31.37	1.35
Solano valle	35 SOL-23	Max WS	APP_TR200_D3	661.12	359.84	363.61	364.24	366.74	0.012555	8.10	4.08	1.06	88.84	31.79	1.41
Solano valle	35 SOL-23	Max WS	APP_TR200_D6	493.35	359.84	363.14	363.80	365.61	0.011896	7.15	3.44	0.88	74.38	30.74	1.34
Solano valle	35 SOL-23	Max WS	APP_TR200_D1	525.47	359.84	363.24	363.95	365.83	0.012005	7.34	3.57	0.92	77.34	30.95	1.36
Solano valle	35 SOL-23	Max WS	APP_TR200_D2	661.81	359.84	363.61	364.24	366.74	0.012549	8.11	4.08	1.06	88.91	31.80	1.41
Solano valle	35 SOL-23	Max WS	APP_TR200_D4	611.46	359.84	363.47	364.20	366.41	0.012392	7.84	3.91	1.02	84.68	31.48	1.39
Solano valle	34.750*	Max WS	APP_TR200_D3	661.66	359.66	363.42	363.59	364.86	0.006672	5.77	3.25	2.28	135.83	55.96	1.03
Solano valle	34.750*	Max WS	APP_TR200_D6	491.93	359.66	362.96	363.14	364.19	0.006800	5.26	2.73	1.70	110.24	55.96	1.01
Solano valle	34.750*	Max WS	APP_TR200_D1	524.30	359.66	363.06	363.23	364.32	0.006735	5.36	2.83	1.83	115.60	55.96	1.01
Solano valle	34.750*	Max WS	APP_TR200_D2	662.50	359.66	363.42	363.60	364.86	0.006669	5.78	3.25	2.28	135.96	55.96	1.03
Solano valle	34.750*	Max WS	APP_TR200_D4	610.88	359.66	363.29	363.46	364.67	0.006698	5.63	3.11	2.13	128.55	55.96	1.02
Solano valle	34.500*	Max WS	APP_TR200_D3	669.55	359.49	363.28	363.62	365.02	0.007574	6.01	2.52	2.01	122.89	54.18	1.09
Solano valle	34.500*	Max WS	APP_TR200_D6	494.46	359.49	362.83	362.99	364.22	0.007335	5.32	2.51	1.18	98.97	49.44	1.04
Solano valle	34.500*	Max WS	APP_TR200_D1	528.57	359.49	362.92	363.19	364.39	0.007393	5.47	2.52	1.32	103.79	51.12	1.05
Solano valle	34.500*	Max WS	APP_TR200_D2	670.53	359.49	363.28	363.62	365.03	0.007570	6.01	2.52	2.02	123.04	54.19	1.09
Solano valle	34.500*	Max WS	APP_TR200_D4	616.53	359.49	363.15	363.47	364.80	0.007544	5.83	2.38	1.78	115.86	53.76	1.08
Solano valle	34.250*	Max WS	APP_TR200_D3	667.38	359.31	363.15	363.30	364.52	0.006284	5.33	2.26	1.79	137.89	63.63	0.98
Solano valle	34.250*	Max WS	APP_TR200_D6	494.24	359.31	362.69	362.78	363.84	0.006348	4.80	2.00	0.95	109.44	61.57	0.96
Solano valle	34.250*	Max WS	APP_TR200_D1	527.52	359.31	362.79	362.89	363.98	0.006319	4.91	2.05	1.15	115.34	62.00	0.96
Solano valle	34.250*	Max WS	APP_TR200_D2	668.44	359.31	363.15	363.30	364.53	0.006285	5.33	2.26	1.79	138.05	63.64	0.98
Solano valle	34.250*	Max WS	APP_TR200_D4	614.37	359.31	363.02	363.15	364.33	0.006292	5.18	2.18	1.57	129.65	63.04	0.98
Solano valle	34 SOL-22	Max WS	APP_TR200_D3	665.30	359.13	363.03	363.09	364.28	0.005798	4.99	2.09	1.07	141.14	69.52	0.94
Solano valle	34 SOL-22	Max WS	APP_TR200_D6	494.42	359.13	362.58	362.43	363.58	0.005813	4.46	1.83	0.43	112.61	53.83	0.91
Solano valle	34 SOL-22	Max WS	APP_TR200_D1	527.41	359.13	362.67	362.54	363.73	0.005801	4.57	1.89	0.58	117.97	57.63	0.92
Solano valle	34 SOL-22	Max WS	APP_TR200_D2	666.35	359.13	363.03	363.09	364.28	0.005797	5.00	2.09	1.08	141.34	69.52	0.94
Solano valle	34 SOL-22	Max WS	APP_TR200_D4	613.31	359.13	362.90	362.89	364.08	0.005810	4.85	2.02	0.87	132.22	66.72	0.93
Solano valle	33.833*	Max WS	APP_TR200_D3	665.66	358.98	362.90	363.16	364.40	0.007497	5.48	2.29	1.12	128.05	65.10	1.05
Solano valle	33.833*	Max WS	APP_TR200_D6	494.72	358.98	362.44	362.54	363.68	0.007785	4.95	1.95	0.31	101.38	49.17	1.04
Solano valle	33.833*	Max WS	APP_TR200_D1	527.49	358.98	362.54	362.67	363.83	0.007694	5.06	2.02	0.51	106.34	53.10	1.04
Solano valle	33.833*	Max WS	APP_TR200_D2	666.72	358.98	362.90	363.16	364.41	0.007494	5.49	2.29	1.12	128.23	65.11	1.05
Solano valle	33.833*	Max WS	APP_TR200_D4	613.68	358.98	362.77	363.01	364.20	0.007581	5.34	2.19	0.87	119.63	62.41	1.05
Solano valle	33.667*	Max WS	APP_TR200_D3	666.14	358.82	362.73	363.18	364.56	0.009728	6.03	2.22	1.04	115.23	60.35	1.19
Solano valle	33.667*	Max WS	APP_TR200_D6	495.07	358.82	362.26	362.61	363.80	0.010451	5.51	1.75		90.92	44.09	1.19
Solano valle	33.667*	Max WS	APP_TR200_D1	527.80	358.82	362.36	362.75	363.96	0.010256	5.61	1.86	0.24	95.41	46.38	1.19
Solano valle	33.667*	Max WS	APP_TR200_D2	667.22	358.82	362.73	363.18	364.56	0.009720	6.04	2.22	1.05	115.41	60.36	1.19
Solano valle	33.667*	Max WS	APP_TR200_D4	614.17	358.82	362.60	363.04	364.35	0.009920	5.89	2.09	0.77	107.42	56.13	1.19
Solano valle	33.500*	Max WS	APP_TR200_D3	666.85	358.67	362.51	363.17	364.75	0.012577	6.64	1.84	0.77	102.79	52.98	1.33
Solano valle	33.500*	Max WS	APP_TR200_D6	495.52	358.67	362.03	362.59	363.95	0.013832	6.14	0.94		81.02	40.71	1.35
Solano valle	33.500*	Max WS	APP_TR200_D1	528.25	358.67	362.13	362.72	364.10	0.013480	6.22	1.20		85.37	41.55	1.34
Solano valle	33.500*	Max WS	APP_TR200_D2	667.95	358.67	362.52	363.17	364.75	0.012566	6.65	1.84	0.78	102.95	53.12	1.33
Solano valle	33.500*	Max WS	APP_TR200_D4	614.74	358.67	362.37	363.02	364.52	0.012956	6.50	1.65	0.44	95.87	46.97	1.34
Solano valle	33.333*	Max WS	APP_TR200_D3	667.63	358.41	362.23	363.04	364.93	0.016144	7.28	0.53		91.72	37.65	1.48
Solano valle	33.333*	Max WS	APP_TR200_D6	495.99	358.41	361.72	362.44	364.07	0.017563	6.79			73.04	35.35	1.51
Solano valle	33.333*	Max WS	APP_TR200_D1	528.80	358.41	361.83	362.57	364.23	0.016988	6.86			77.11	35.82	1.49
Solano valle	33.333*	Max WS	APP_TR200_D2	668.77	358.41	362.23	363.04	364.94	0.016129	7.28	0.54	0.03	91.85	37.72	1.48
Solano valle	33.333*	Max WS	APP_TR200_D4	615.35	358.41	362.09	362.87	364.68	0.016459	7.13			86.33	36.86	1.49
Solano valle	33.167*	Max WS	APP_TR200_D3	668.76	357.98	361.89	362.83	365.01	0.018410	7.82			85.50	33.79	1.57
Solano valle	33.167*	Max WS	APP_TR200_D6	496.48	357.98	361.37	362.19	364.03	0.017625	7.22			68.81	29.45	1.51
Solano valle	33.167*	Max WS	APP_TR200_D1	529.38	357.98	361.48	362.34	364.22	0.018488	7.33			72.22	31.47	1.55
Solano valle	33.167*	Max WS	APP_TR200_D2	669.95	357.98	361.90	362.84	365.02	0.018407	7.82			85.62	33.80	1.57
Solano valle	33.167*	Max WS	APP_TR200_D4	615.99	357.98	361.74	362.66	364.72	0.018440	7.65			80.56	32.94	1.56
Solano valle	33 SOL-21	Max WS	APP_TR200_D3	669.62	357.55	361.55	362.51	364.76	0.016421	7.93			84.39	28.62	1.48
Solano valle	33 SOL-21	Max WS	APP_TR200_D6	496.98	357.55	361.07	361.79	363.53	0.013498	6.95			71.46	25.22	1.32
Solano valle	33 SOL-21	Max WS	APP_TR200_D1	529.99	357.55	361.17	361.96	363.78	0.013985	7.17			73.95	25.60	1.35
Solano valle	33 SOL-21	Max WS	APP_TR200_D2	670.83	357.55	361.55	362.51	364.77	0.016439	7.94			84.48	28.64	1.48
Solano valle	33 SOL-21	Max WS	APP_TR200_D4	616.64	357.55	361.41	362.31	364.41	0.015589	7.66			80.45	27.53	1.43
Solano valle	32.500*	Max WS	APP_TR200_D3	670.35	357.41	361.23	362.11	364.21	0.016236	7.64	1.24		87.87	34.57	1.51
Solano valle	32.500*	Max WS	APP_TR200_D6	497.48	357.41	360.79	361.47	363.16	0.015337	6.81	0.11		73.01	31.95	1.44
Solano valle	32.500*	Max WS	APP_TR200_D1	530.58	357.41	360.88	361.59	363.37	0.015534	6.99	0.45		75.94	32.49	1.46
Solano valle	32.500*	Max WS	APP_TR200_D2	671.58	357.41	361.24	362.11	364.22	0.016239	7.65	1.24		87.97	34.59	1.52
Solano valle	32.500*	Max WS	APP_TR200_D4	617.29	357.41	361.10	361.92	363.90	0.015982	7.41	0.98		83.44	33.81	1.49
Solano valle	32 SOL-20	Max WS	APP_TR200_D3	671.08	357.27	360.99	361.52	362.77	0.008954	6.14	3.05	0.60	120.29	55.08	1.18
Solano valle	32 SOL-20	Max WS	APP_TR200_D6	497.96	357.27	360.55	360.85	362.02	0.008852	5.53	2.65		97.62	49.73	1.15
Solano valle	32 SOL-20	Max WS	APP_TR200_D1	531.18	357.27	360.64	360.89	362.17	0.008918	5.65	2.76		102.08	50.57	1.16
Solano valle	32 SOL-20	Max WS	APP_TR200_D2	672.33	357.27	360.99	361.53	362.78	0.008962	6.15	3.04	0.60	120.46	55.28	1.18
Solano valle	32 SOL-20	Max WS	APP_TR200_D4	617.94	357.27	360.86	360.97	362.54	0.008961	5.95	2.99	0.32	113.50	52.95	1.17
Solano valle	31.833*	Max WS	APP_TR200_D3	670.56	357.05	360.83	361.33	362.57	0.009399	6.04	2.97		120.62	57.46	1.19
Solano valle	31.833*	Max WS	APP_TR200_D6	498.36	357.05	360.39	360.66	361.86	0.009784	5.50	2.66		97.02	52.24	1.19

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Solano valle	31.833*	Max WS	APP_TR200_D1	531.74	357.05	360.48	360.81	362.00	0.009691	5.61	2.74		101.69	52.78	1.19
Solano valle	31.833*	Max WS	APP_TR200_D2	671.79	357.05	360.83	361.33	362.58	0.009400	6.05	2.97		120.78	57.55	1.19
Solano valle	31.833*	Max WS	APP_TR200_D4	618.00	357.05	360.70	360.86	362.36	0.009468	5.88	2.92		113.57	54.33	1.19
Solano valle	31.667*	Max WS	APP_TR200_D3	668.26	356.83	360.67	361.08	362.35	0.008925	5.79	2.15		118.81	51.28	1.15
Solano valle	31.667*	Max WS	APP_TR200_D6	494.96	356.83	360.23	360.47	361.61	0.009242	5.22	1.59		96.41	49.43	1.14
Solano valle	31.667*	Max WS	APP_TR200_D1	526.97	356.83	360.32	360.56	361.75	0.009105	5.33	1.68		100.96	49.98	1.14
Solano valle	31.667*	Max WS	APP_TR200_D2	669.54	356.83	360.67	361.08	362.36	0.008924	5.79	2.16		118.97	51.29	1.15
Solano valle	31.667*	Max WS	APP_TR200_D4	614.51	356.83	360.54	360.83	362.13	0.008956	5.61	1.99		112.29	50.81	1.14
Solano valle	31.500*	Max WS	APP_TR200_D3	677.14	356.61	360.52	360.85	362.19	0.008078	5.74	1.24		122.55	57.81	1.09
Solano valle	31.500*	Max WS	APP_TR200_D6	499.87	356.61	360.08	360.18	361.38	0.007749	5.05	1.43		100.03	44.50	1.04
Solano valle	31.500*	Max WS	APP_TR200_D1	533.37	356.61	360.17	360.29	361.54	0.007788	5.19	1.53		104.14	44.85	1.05
Solano valle	31.500*	Max WS	APP_TR200_D2	678.54	356.61	360.53	360.85	362.19	0.008084	5.74	1.25		122.71	57.81	1.09
Solano valle	31.500*	Max WS	APP_TR200_D4	622.04	356.61	360.40	360.68	361.95	0.007949	5.53	1.77		114.34	45.73	1.07
Solano valle	31.333*	Max WS	APP_TR200_D3	676.39	356.38	360.37	360.95	362.51	0.009943	6.51	1.23	1.48	107.22	54.29	1.24
Solano valle	31.333*	Max WS	APP_TR200_D6	500.00	356.38	359.93	360.21	361.59	0.009650	5.72	1.56	0.86	88.38	40.45	1.19
Solano valle	31.333*	Max WS	APP_TR200_D1	533.36	356.38	360.02	360.49	361.77	0.009651	5.87	1.67	1.00	92.11	40.94	1.20
Solano valle	31.333*	Max WS	APP_TR200_D2	677.71	356.38	360.37	360.97	362.53	0.009970	6.52	1.01	1.49	107.37	54.74	1.24
Solano valle	31.333*	Max WS	APP_TR200_D4	622.11	356.38	360.24	360.79	362.23	0.009798	6.27	1.65	1.30	101.35	43.25	1.22
Solano valle	31.167*	Max WS	APP_TR200_D3	676.02	356.16	360.20	360.75	362.32	0.009130	6.47	1.01	1.42	107.71	50.19	1.19
Solano valle	31.167*	Max WS	APP_TR200_D6	500.39	356.16	359.77	360.01	361.37	0.008446	5.61	1.43	0.91	90.13	37.85	1.12
Solano valle	31.167*	Max WS	APP_TR200_D1	533.91	356.16	359.86	360.16	361.56	0.008545	5.77	1.54	1.01	93.59	38.23	1.13
Solano valle	31.167*	Max WS	APP_TR200_D2	677.34	356.16	360.21	360.76	362.33	0.009136	6.48	1.02	1.42	107.85	50.23	1.20
Solano valle	31.167*	Max WS	APP_TR200_D4	622.53	356.16	360.08	360.58	362.03	0.008884	6.21	1.80	1.28	102.01	38.99	1.17
Solano valle	31 SOL-19	Max WS	APP_TR200_D3	670.77	355.94	360.06	360.34	361.83	0.007694	5.98	2.16		117.88	45.50	1.07
Solano valle	31 SOL-19	Max WS	APP_TR200_D6	499.18	355.94	359.64	359.74	361.01	0.006959	5.21	1.44		99.11	44.22	1.01
Solano valle	31 SOL-19	Max WS	APP_TR200_D1	532.12	355.94	359.73	359.87	361.17	0.007085	5.36	1.60		103.06	44.49	1.02
Solano valle	31 SOL-19	Max WS	APP_TR200_D2	671.90	355.94	360.06	360.35	361.84	0.007697	5.98	2.17		118.01	45.50	1.07
Solano valle	31 SOL-19	Max WS	APP_TR200_D4	618.26	355.94	359.94	360.16	361.59	0.007455	5.75	1.97		112.55	45.14	1.05
Solano valle	30.750*	Max WS	APP_TR200_D3	665.96	355.96	359.94	360.18	361.56	0.007011	5.73	2.07		124.60	51.00	1.02
Solano valle	30.750*	Max WS	APP_TR200_D6	496.05	355.96	359.54	359.55	360.78	0.006263	4.98	1.58		104.49	47.24	0.95
Solano valle	30.750*	Max WS	APP_TR200_D1	528.94	355.96	359.62	359.62	360.93	0.006397	5.13	1.72		108.61	47.64	0.97
Solano valle	30.750*	Max WS	APP_TR200_D2	667.08	355.96	359.94	360.19	361.56	0.007013	5.74	2.08		124.74	51.00	1.02
Solano valle	30.750*	Max WS	APP_TR200_D4	614.06	355.96	359.83	360.03	361.33	0.006796	5.52	1.85		118.78	51.00	1.00
Solano valle	30.500*	Max WS	APP_TR200_D3	665.50	355.98	359.83	360.03	361.34	0.006656	5.58	2.31		130.03	53.53	1.00
Solano valle	30.500*	Max WS	APP_TR200_D6	498.06	355.98	359.44	359.47	360.62	0.006043	4.90	1.72		109.03	51.75	0.94
Solano valle	30.500*	Max WS	APP_TR200_D1	530.93	355.98	359.52	359.60	360.77	0.006165	5.04	1.83		113.46	52.38	0.95
Solano valle	30.500*	Max WS	APP_TR200_D2	666.58	355.98	359.84	360.03	361.34	0.006659	5.58	2.32		130.16	53.53	1.00
Solano valle	30.500*	Max WS	APP_TR200_D4	615.30	355.98	359.72	359.89	361.13	0.006483	5.39	2.12		124.11	53.53	0.98
Solano valle	30.250*	Max WS	APP_TR200_D3	665.74	355.99	359.73	359.97	361.24	0.007213	5.68	2.70		130.08	56.06	1.05
Solano valle	30.250*	Max WS	APP_TR200_D6	500.60	355.99	359.34	359.52	360.58	0.006874	5.08	2.08		108.29	55.75	1.01
Solano valle	30.250*	Max WS	APP_TR200_D1	533.32	355.99	359.42	359.61	360.72	0.006936	5.21	2.20		112.96	56.06	1.02
Solano valle	30.250*	Max WS	APP_TR200_D2	666.84	355.99	359.73	359.97	361.25	0.007215	5.68	2.71		130.22	56.06	1.05
Solano valle	30.250*	Max WS	APP_TR200_D4	616.85	355.99	359.62	359.84	361.05	0.007115	5.51	2.53		123.98	56.06	1.04
Solano valle	30 SOL-18	Max WS	APP_TR200_D3	668.26	356.01	359.62	359.75	360.96	0.006627	5.42	2.90		138.75	58.59	1.01
Solano valle	30 SOL-18	Max WS	APP_TR200_D6	502.01	356.01	359.23	359.31	360.33	0.006302	4.85	2.34		116.29	58.59	0.97
Solano valle	30 SOL-18	Max WS	APP_TR200_D1	535.26	356.01	359.32	359.41	360.46	0.006359	4.97	2.46		121.13	58.59	0.98
Solano valle	30 SOL-18	Max WS	APP_TR200_D2	669.33	356.01	359.62	359.75	360.97	0.006628	5.43	2.90		138.89	58.59	1.01
Solano valle	30 SOL-18	Max WS	APP_TR200_D4	619.27	356.01	359.51	359.62	360.78	0.006534	5.26	2.75		132.47	58.59	1.00
Solano valle	29.800*	Max WS	APP_TR200_D3	668.88	355.98	359.49	359.96	361.37	0.008711	6.20	2.17	1.81	117.34	55.77	1.17
Solano valle	29.800*	Max WS	APP_TR200_D6	502.43	355.98	359.11	359.40	360.60	0.008199	5.47	1.73	1.21	97.21	51.04	1.11
Solano valle	29.800*	Max WS	APP_TR200_D1	535.81	355.98	359.19	359.54	360.77	0.008305	5.63	1.82	1.33	101.41	52.19	1.12
Solano valle	29.800*	Max WS	APP_TR200_D2	669.99	355.98	359.49	359.96	361.37	0.008713	6.20	2.17	1.81	117.47	55.80	1.17
Solano valle	29.800*	Max WS	APP_TR200_D4	619.83	355.98	359.38	359.83	361.15	0.008579	6.00	2.05	1.66	111.54	54.49	1.16
Solano valle	29.7			Lat Struct											
Solano valle	29.65			Lat Struct											
Solano valle	29.600*	Max WS	APP_TR200_D3	668.13	355.95	359.34	359.82	361.28	0.009466	6.33	2.43	2.16	115.60	55.45	1.22
Solano valle	29.600*	Max WS	APP_TR200_D6	502.88	355.95	358.97	359.36	360.56	0.009201	5.67	1.65	1.48	95.08	55.45	1.17
Solano valle	29.600*	Max WS	APP_TR200_D1	536.37	355.95	359.05	359.46	360.71	0.009258	5.81	1.83	1.65	99.51	55.45	1.18
Solano valle	29.600*	Max WS	APP_TR200_D2	669.24	355.95	359.34	359.83	361.28	0.009466	6.33	2.43	2.16	115.73	55.45	1.22
Solano valle	29.600*	Max WS	APP_TR200_D4	619.74	355.95	359.23	359.69	361.08	0.009405	6.15	2.23	1.99	109.85	55.45	1.21
Solano valle	29.400*	Max WS	APP_TR200_D3	665.55	355.92	359.17	359.76	361.32	0.011027	6.64	2.32	2.49	108.55	53.88	1.31
Solano valle	29.400*	Max WS	APP_TR200_D6	503.30	355.92	358.80	359.29	360.59	0.010912	5.98	1.46	2.05	88.90	52.26	1.27
Solano valle	29.400*	Max WS	APP_TR200_D1	536.72	355.92	358.88	359.40	360.75	0.010987	6.14	1.65	2.04	93.05	53.34	1.28
Solano valle	29.400*	Max WS	APP_TR200_D2	666.63	355.92	359.17	359.76	361.33	0.011024	6.65	2.32	2.50	108.68	53.88	1.31
Solano valle	29.400*	Max WS	APP_TR200_D4	618.66	355.92	359.06	359.63	361.13	0.011046	6.47	2.09	2.31	103.00	53.88	1.30
Solano valle	29.200*	Max WS	APP_TR200_D3	655.41	355.89	358.98	359.52	361.05	0.011322	6.57	3.19	2.66	108.97	52.31	1.32
Solano valle	29.200*	Max WS	APP_TR200_D6	499.57	355.89	358.61	359.08	360.35	0.011539	5.98	2.60	2.61	89.88	49.55	1.30
Solano valle	29.200*	Max WS	APP_TR200_D1	531.98	355.89	358.69	359.18	360.52	0.011642	6.14	2.75	2.12	93.80	52.31	1.31
Solano valle	29.200*	Max WS	APP_TR200_D2	656.45	355.89	358.98	359.52	361.05	0.011318	6.57	3.19	2.66	109.10	52.31	1.32
Solano valle	29.200*	Max WS	APP_TR200_D4	610.64	355.89	358.87	359.40	360.86	0.011459	6.43	3.04	2.48	103.52	52.31	1.32
Solano valle	29 SOL-17	Max WS	APP_TR200_D3	653.94	355.86	358.75	359.53	361.39	0.015843	7.34	2.23	3.16	95.60	50.74	1.54
Solano valle	29 SOL-17	Max WS	APP_TR200_D6	497.51	355.86	358.37	359.08	360.61	0.016857	6.73	1.08	3.48	77.25	46.86	1.54
Solano valle	29 SOL-17	Max WS	APP_TR200_D1	529.96	355.86	358.45	359.18	360.78	0.016669	6.87	1.39	3.56	80.94	47.09	1.54
Solano valle	29 SOL-17	Max WS	APP_TR200_D2	655.02	355.86	358.75	359.53	361.39	0.015827	7.34	2.23	3.16	95.74	50.74	1.53
Solano valle	29 SOL-17	Max WS	APP_TR200_D4	608.79	355.86	358.64	359.40	361.19	0.016286	7.21	1.97	3.11	90.08	49.97	1.54
Solano valle	28.750*	Max WS	APP_TR200_D3	663.63	355.58	358.52	359.08	360.57	0.012396	6.69	3.09	3.64	112.37	57.30	1.37
Solano valle	28.750*	Max WS	APP_TR200_D6	501.59	355.58	358.12	358.65	359.98	0.013971	6.30	2.49	3.08	89.49	57.30	1.41
Solano valle	28.750*	Max WS	APP_TR200_D1	534.45	355.58	358.21	358.73	360.11	0.013613	6.39	2.63	3.21	94.26	57.30	1.40
Solano valle	28.750*	Max WS	APP_TR200_D2	664.78	355.58	358.53	359.08	360.57	0.012381	6.69	3.10	3.64	112.54	57.30	1.37
Solano valle	28.750*	Max WS	APP_TR200_D4	616.05	355.58	358.41	358.96	360.41	0.012857	6.60	2.94	3.50	105.68	57.30	1.38
Solano valle	28.500*	Max WS	APP_TR200_D3	675.75	355.31	358.32	358.97	360.50	0.012535	6.88	1.83	3.66	111.94	62.36	1.38
Solano valle	28.500*	Max WS	APP_TR200_D6	505.11	355.31	357.91	358.54	359.76	0.013206	6.26	0.74	3.75	87.08	48.96	1.38
Solano valle	28.500*	Max WS	APP_TR200_D1	539.26	355.31	357.99	358.63	359.92	0.013050	6.39	0.92	3.82	91.43	50.47	1.38
Solano valle	28.500*	Max WS	APP_TR200_D2	677.00	355.31	358.33	358.97	360.51	0.012523	6.88	1.84	3.65	112.15	62.42	1.38
Solano valle	28.500*	Max WS	APP_TR200_D4	625.11	355.31	358.20	358.85	360.29	0.012716	6.70	1.51	3.81	104.48	60.03	1.38
Solano valle	28.250*	Max WS	APP_TR200_D3	679.64	355.03	358.15	358.62	359.86	0.009024	6.10	2.26	3.14	128.23	66.19	1.18
Solano valle	28.250*	Max WS	APP_TR200_D6	505.58	355.03	357.72	358.09	359.20	0.009525	5.59	1.64	2.91	100.79	60.24	1.18
Solano valle	28.250*	Max WS	APP_TR200_D1	540.00	355.03	357.81	358.19	359.34	0.009443	5.71	1.61	2.99	106.37	63.74	1.18
Solano valle	28.250*	Max WS	APP_TR200_D2	680.95	355.03	358.15	358.63	359.86	0.009020	6.10	2.27	3.15	128.44	66.21	1.18
Solano valle	28.250*	Max WS	APP_TR200_D4	627.12	355.03	358.02	358.41	359.67	0.009197	5.97	2.04	3.10	120.02	65.17	1.19
Solano valle	28 SOL-16	Max WS	APP_TR200_D3	680.52	354.75	358.02	358.25	359.40	0.006877	5.44	1.89	2.60	142.57	72.25	1.04
Solano valle	28 SOL-16	Max WS	APP_TR200_D6	506.01	354.75	357.59	357.74	358.76	0.007125	4.95	1.40	2.31	112.85	65.35	1.03
Solano valle	28 SOL-16	Max WS	APP_TR200_D1	540.51	354.75	357.68	357.85	358.90	0.007070	5.06	1.54	2.38	118.81	66.44	1.03
Solano valle	28 SOL-16	Max WS	APP_TR200_D2	681.86	354.75	358.02	358.25	359.40	0.006873	5.44	1.89	2.60	142.81	72.27	1.04

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Solano valle	28 SOL-16	Max WS	APP_TR200_D4	627.67	354.75	357.89	358.11	359.22	0.006972	5.31	1.75	2.53	133.52	70.29	1.04
Solano valle	27.800*	Max WS	APP_TR200_D3	681.20	354.56	357.89	358.32	359.41	0.007067	5.77	2.24	2.50	139.23	70.47	1.06
Solano valle	27.800*	Max WS	APP_TR200_D6	506.48	354.56	357.46	357.70	358.76	0.007186	5.25	1.63	2.25	110.03	64.22	1.04
Solano valle	27.800*	Max WS	APP_TR200_D1	541.10	354.56	357.55	357.81	358.89	0.007151	5.36	1.78	2.34	115.94	65.05	1.05
Solano valle	27.800*	Max WS	APP_TR200_D2	682.55	354.56	357.90	358.32	359.42	0.007064	5.78	2.25	2.50	139.47	70.52	1.06
Solano valle	27.800*	Max WS	APP_TR200_D4	628.28	354.56	357.76	358.07	359.23	0.007127	5.63	2.09	2.45	130.33	68.34	1.06
Solano valle	27.600*	Max WS	APP_TR200_D3	681.88	354.38	357.76	358.01	359.29	0.007351	5.78	2.10	3.00	135.88	64.40	1.07
Solano valle	27.600*	Max WS	APP_TR200_D6	506.96	354.38	357.32	357.58	358.64	0.007574	5.28	1.43	2.52	108.23	61.57	1.06
Solano valle	27.600*	Max WS	APP_TR200_D1	541.68	354.38	357.42	357.68	358.77	0.007524	5.39	1.59	2.63	113.95	62.17	1.06
Solano valle	27.600*	Max WS	APP_TR200_D2	683.24	354.38	357.77	358.01	359.30	0.007345	5.79	2.10	3.00	136.12	64.43	1.07
Solano valle	27.600*	Max WS	APP_TR200_D4	628.89	354.38	357.63	357.92	359.10	0.007439	5.65	1.92	2.87	127.61	63.57	1.07
Solano valle	27.400*	Max WS	APP_TR200_D3	682.56	354.19	357.63	357.99	359.14	0.007418	5.79	1.98	3.10	136.24	63.54	1.07
Solano valle	27.400*	Max WS	APP_TR200_D6	507.44	354.19	357.19	357.43	358.48	0.007646	5.28	1.29	2.63	108.76	60.68	1.06
Solano valle	27.400*	Max WS	APP_TR200_D1	542.26	354.19	357.28	357.53	358.62	0.007602	5.39	1.45	2.73	114.41	61.33	1.06
Solano valle	27.400*	Max WS	APP_TR200_D2	683.96	354.19	357.63	357.99	359.15	0.007413	5.79	1.98	3.10	136.48	63.56	1.07
Solano valle	27.400*	Max WS	APP_TR200_D4	629.50	354.19	357.50	357.76	358.95	0.007513	5.65	1.80	2.98	127.99	62.74	1.07
Solano valle	27.200*	Max WS	APP_TR200_D3	683.23	354.01	357.49	357.71	358.95	0.007245	5.69	1.75	3.20	137.78	61.77	1.05
Solano valle	27.200*	Max WS	APP_TR200_D6	507.92	354.01	357.05	357.23	358.28	0.007425	5.18	1.13	2.72	110.85	58.63	1.03
Solano valle	27.200*	Max WS	APP_TR200_D1	542.83	354.01	357.14	357.34	358.42	0.007391	5.29	1.23	2.83	116.40	59.64	1.03
Solano valle	27.200*	Max WS	APP_TR200_D2	684.63	354.01	357.50	357.71	358.96	0.007241	5.69	1.75	3.21	138.01	61.79	1.05
Solano valle	27.200*	Max WS	APP_TR200_D4	630.11	354.01	357.36	357.57	358.76	0.007324	5.55	1.57	3.07	129.70	61.02	1.04
Solano valle	27 SOL-15	Max WS	APP_TR200_D3	683.91	353.82	357.36	357.66	358.79	0.007238	5.69	1.45	2.55	145.45	75.98	1.04
Solano valle	27 SOL-15	Max WS	APP_TR200_D6	508.40	353.82	356.92	357.00	358.04	0.006819	4.98	1.00	2.69	116.46	58.85	0.98
Solano valle	27 SOL-15	Max WS	APP_TR200_D1	543.41	353.82	357.01	357.04	358.18	0.006801	5.09	1.05	2.79	122.02	59.63	0.98
Solano valle	27 SOL-15	Max WS	APP_TR200_D2	685.32	353.82	357.37	357.66	358.80	0.007228	5.69	1.46	2.56	145.75	76.01	1.04
Solano valle	27 SOL-15	Max WS	APP_TR200_D4	630.72	353.82	357.23	357.04	358.58	0.007191	5.51	1.25	2.62	135.71	69.76	1.03
Solano valle	26.800*	Max WS	APP_TR200_D3	681.90	353.66	357.25	357.35	358.58	0.006908	5.52	1.65	3.07	145.09	66.29	1.02
Solano valle	26.800*	Max WS	APP_TR200_D6	508.71	353.66	356.81	356.93	357.92	0.007017	5.00	0.90	2.76	116.98	62.44	1.00
Solano valle	26.800*	Max WS	APP_TR200_D1	543.57	353.66	356.90	357.02	358.06	0.006956	5.10	1.09	2.86	122.90	62.80	1.00
Solano valle	26.800*	Max WS	APP_TR200_D2	683.22	353.66	357.25	357.35	358.58	0.006901	5.52	1.65	3.07	145.35	66.36	1.02
Solano valle	26.800*	Max WS	APP_TR200_D4	629.70	353.66	357.11	357.19	358.38	0.006930	5.37	1.46	3.04	136.52	64.25	1.01
Solano valle	26.600*	Max WS	APP_TR200_D3	678.97	353.50	357.13	357.21	358.35	0.007663	5.51	1.66	3.95	145.47	65.38	1.05
Solano valle	26.600*	Max WS	APP_TR200_D6	509.90	353.50	356.68	356.78	357.75	0.008440	5.14	0.81	3.62	116.50	63.85	1.08
Solano valle	26.600*	Max WS	APP_TR200_D1	545.04	353.50	356.77	356.87	357.88	0.008263	5.22	1.05	3.70	122.67	64.18	1.07
Solano valle	26.600*	Max WS	APP_TR200_D2	680.06	353.50	357.13	357.19	358.35	0.007646	5.51	1.66	3.95	145.73	65.39	1.05
Solano valle	26.600*	Max WS	APP_TR200_D4	628.03	353.50	356.99	357.09	358.18	0.007905	5.41	1.46	3.86	136.76	64.92	1.06
Solano valle	26.400*	Max WS	APP_TR200_D3	674.37	353.33	357.00	357.18	358.28	0.007485	5.65		3.86	141.56	59.52	1.04
Solano valle	26.400*	Max WS	APP_TR200_D6	509.31	353.33	356.54	356.66	357.67	0.007997	5.29		3.48	114.80	57.75	1.06
Solano valle	26.400*	Max WS	APP_TR200_D1	543.97	353.33	356.64	356.75	357.80	0.007880	5.37		3.57	120.54	58.13	1.06
Solano valle	26.400*	Max WS	APP_TR200_D2	675.45	353.33	357.00	357.18	358.28	0.007472	5.65		3.86	141.79	59.54	1.04
Solano valle	26.400*	Max WS	APP_TR200_D4	625.20	353.33	356.86	356.97	358.10	0.007647	5.56		3.76	133.61	59.00	1.05
Solano valle	26.200*	Max WS	APP_TR200_D3	668.58	353.17	356.88	357.05	358.25	0.007125	5.94	1.87	3.44	142.29	63.69	1.06
Solano valle	26.200*	Max WS	APP_TR200_D6	509.21	353.17	356.42	356.54	357.59	0.007245	5.41	1.43	3.28	115.33	57.10	1.04
Solano valle	26.200*	Max WS	APP_TR200_D1	542.96	353.17	356.52	356.64	357.72	0.007130	5.49	1.54	3.37	121.11	57.53	1.04
Solano valle	26.200*	Max WS	APP_TR200_D2	669.66	353.17	356.88	357.05	358.25	0.007110	5.94	1.87	3.44	142.57	63.73	1.06
Solano valle	26.200*	Max WS	APP_TR200_D4	621.03	353.17	356.74	356.85	358.02	0.006875	5.67	1.73	3.53	134.29	58.51	1.03
Solano valle	26 SOL-14	Max WS	APP_TR200_D3	670.38	353.01	356.77	356.80	358.04	0.006625	5.62	0.67	3.59	143.56	62.37	1.01
Solano valle	26 SOL-14	Max WS	APP_TR200_D6	509.57	353.01	356.30	355.77	357.43	0.007009	5.26		3.23	116.29	55.72	1.02
Solano valle	26 SOL-14	Max WS	APP_TR200_D1	543.11	353.01	356.40	356.47	357.56	0.006928	5.34		3.32	122.03	56.28	1.02
Solano valle	26 SOL-14	Max WS	APP_TR200_D2	671.55	353.01	356.77	356.81	358.04	0.006613	5.62	0.68	3.59	143.83	62.39	1.01
Solano valle	26 SOL-14	Max WS	APP_TR200_D4	621.71	353.01	356.63	356.71	357.86	0.006745	5.51	0.21	3.50	135.27	61.81	1.01
Solano valle	25.917*	Max WS	APP_TR200_D3	673.92	352.86	356.64	356.74	357.99	0.006458	5.78	1.91	3.41	143.27	60.09	1.02
Solano valle	25.917*	Max WS	APP_TR200_D6	509.24	352.86	356.17	355.63	357.35	0.006837	5.36	1.40	3.08	115.46	57.28	1.02
Solano valle	25.917*	Max WS	APP_TR200_D1	542.45	352.86	356.27	356.38	357.49	0.006710	5.44	1.53	3.15	121.48	57.90	1.02
Solano valle	25.917*	Max WS	APP_TR200_D2	675.24	352.86	356.65	356.74	358.00	0.006448	5.78	1.91	3.41	143.54	60.11	1.02
Solano valle	25.917*	Max WS	APP_TR200_D4	624.00	352.86	356.50	356.61	357.81	0.006541	5.65	1.79	3.32	135.17	59.28	1.02
Solano valle	25.833*	Max WS	APP_TR200_D3	680.31	352.71	356.53		357.54	0.005078	4.79	2.02	3.32	160.04	63.71	0.90
Solano valle	25.833*	Max WS	APP_TR200_D6	509.08	352.71	356.05		356.90	0.005356	4.36	1.61	3.09	129.94	61.59	0.90
Solano valle	25.833*	Max WS	APP_TR200_D1	543.80	352.71	356.16		357.04	0.005264	4.45	1.71	3.13	136.54	62.16	0.89
Solano valle	25.833*	Max WS	APP_TR200_D2	681.69	352.71	356.54		357.55	0.005069	4.79	2.02	3.32	160.35	63.72	0.90
Solano valle	25.833*	Max WS	APP_TR200_D4	628.58	352.71	356.39		357.36	0.005136	4.67	1.92	3.25	151.38	63.15	0.90
Solano valle	25.750*	Max WS	APP_TR200_D3	689.15	352.56	356.41	356.53	357.94	0.007395	5.88		3.96	131.24	49.72	1.08
Solano valle	25.750*	Max WS	APP_TR200_D6	512.06	352.56	355.93	355.97	357.17	0.006910	5.27		3.50	108.41	46.10	1.03
Solano valle	25.750*	Max WS	APP_TR200_D1	547.81	352.56	356.04	356.09	357.33	0.006965	5.40		3.59	113.38	46.82	1.03
Solano valle	25.750*	Max WS	APP_TR200_D2	690.64	352.56	356.42	356.53	357.94	0.007393	5.88		3.96	131.49	49.77	1.08
Solano valle	25.750*	Max WS	APP_TR200_D4	635.41	352.56	356.28	356.40	357.72	0.007179	5.71		3.81	124.60	48.39	1.06
Solano valle	25.667*	Max WS	APP_TR200_D3	689.84	352.40	356.28	356.48	357.87	0.006815	6.00	1.19	3.79	132.11	55.81	1.06
Solano valle	25.667*	Max WS	APP_TR200_D6	512.56	352.40	355.80	355.85	357.08	0.006618	5.34	0.77	3.36	107.80	47.28	1.02
Solano valle	25.667*	Max WS	APP_TR200_D1	548.41	352.40	355.91	355.99	357.25	0.006627	5.47	0.83	3.45	112.93	49.20	1.02
Solano valle	25.667*	Max WS	APP_TR200_D2	691.36	352.40	356.28	356.49	357.87	0.006806	6.01	1.19	3.79	132.40	55.90	1.06
Solano valle	25.667*	Max WS	APP_TR200_D4	636.05	352.40	356.14	356.30	357.64	0.006749	5.81	1.05	3.67	124.83	53.40	1.05
Solano valle	25.583*	Max WS	APP_TR200_D3	690.55	352.25	356.15	356.36	357.69	0.006631	5.92	1.98	3.76	136.60	58.65	1.04
Solano valle	25.583*	Max WS	APP_TR200_D6	513.07	352.25	355.68	355.84	356.97	0.006613	5.33	1.15	3.40	109.39	56.93	1.02
Solano valle	25.583*	Max WS	APP_TR200_D1	549.01	352.25	355.79	355.96	357.13	0.006581	5.45	1.34	3.48	115.49	57.66	1.02
Solano valle	25.583*	Max WS	APP_TR200_D2	692.13	352.25	356.15	356.37	357.70	0.006618	5.92	1.98	3.76	136.92	58.66	1.04
Solano valle	25.583*	Max WS	APP_TR200_D4	636.68	352.25	356.02	356.21	357.48	0.006608	5.75	1.76	3.65	128.87	58.29	1.04
Solano valle	25.500 SOL-13	Max WS	APP_TR200_D3	690.03	352.10	356.02	356.31	357.70	0.007353	6.05	1.01	3.78	127.41	57.65	1.09
Solano valle	25.500 SOL-13	Max WS	APP_TR200_D6	513.56	352.10	355.55	355.62	356.89	0.007172	5.36	0.24	3.46	103.54	44.51	1.05
Solano valle	25.500 SOL-13	Max WS	APP_TR200_D1	549.60	352.10	355.65	355.76	357.07	0.007179	5.51	0.47	3.52	108.43	47.50	1.06
Solano valle	25.500 SOL-13	Max WS	APP_TR200_D2	691.54	352.10	356.02	356.32	357.70	0.007339	6.05	1.02	3.78	127.72	57.81	1.09
Solano valle	25.500 SOL-13	Max WS	APP_TR200_D4	636.51	352.10	355.88	356.14	357.47	0.007291	5.85	0.83	3.68	120.07	53.96	1.08
Solano valle	25.417*	Max WS	APP_TR200_D3	688.44	351.95	355.88	356.04	357.24	0.006647	5.27	0.93	2.40	139.72	66.49	1.01
Solano valle	25.417*	Max WS	APP_TR200_D6	513.86	351.95	355.41	355.52	356.58	0.007152	4.84		1.85	110.81	55.22	1.02
Solano valle	25.417*	Max WS	APP_TR200_D1	549.73	351.95	355.52	355.61	356.72	0.007017	4.92	0.23	1.99	116.82	56.38	1.02
Solano valle	25.417*	Max WS	APP_TR200_D2	689.91	351.95	355.89	356.03	357.25	0.006624	5.26	0.94	2.40	140.10	66.49	1.01
Solano valle	25.417*	Max WS	APP_TR200_D4	635.70	351.95	355.75	355.90	357.05	0.006770	5.14	0.58	2.26	130.94	66.49	1.02
Solano valle	25.333*	Max WS	APP_TR200_D3	674.93	351.80	355.76	355.95	357.17	0.006164	5.36	1.46	2.14	137.61	64.89	0.99
Solano valle	25.333*	Max WS	APP_TR200_D6	509.89	351.80	355.28	355.41	356.51	0.006676	4.96	1.15	1.52	108.24	56.81	1.00
Solano valle	25.333*	Max WS	APP_TR200_D1	543.66	351.80	355.39	355.48	356.65	0.006484	5.04	1.25	1.68	114.65	58.04	0.99
Solano valle	25.333*	Max WS	APP_TR200_D2	676.38	351.80	355.77	355.95	357.17	0.006141	5.36	1.47	2.14	138.02	64.89	0.99
Solano valle	25.333*	Max WS	APP_TR200_D4	624.69	351.80	355.63	355.82	356.98	0.006278	5.25	1.22	1.98	128.93	64.89	0.99
Solano valle	25.250*	Max WS	APP_TR200_D3	664.60	351.65	355.65	355.68	356.89	0.005705	5.08	0.65	2.69	141.15	66.37	0.95
Solano valle	25.250*	Max WS	APP_TR200_D6	500.91	351.65	355.16	355.16	356.23	0.006210	4.70		2.26	113.12	52.60	0.96
Solano valle	25.250*	Max WS	APP_TR200_D1	533.79	351.65	355.27	355.25	356.37	0.005998	4.75	0.29	2.36	119.25	54.43	0.95
Solano valle	25.250*	Max WS	APP_TR200_D2	666.11	351.65	355.65	355.68	356.90	0.005684	5.08	0.66	2.69	141.59	66.37	0.95

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Solano valle	25.250*	Max WS	APP_TR200_D4	614.29	351.65	355.51	355.49	356.70	0.005774	4.95	0.66	2.57	132.79	58.90	0.95
Solano valle	25.167*	Max WS	APP_TR200_D3	668.39	351.49	355.54	355.61	356.77	0.005611	5.05	1.37	2.50	145.52	67.65	0.94
Solano valle	25.167*	Max WS	APP_TR200_D6	501.44	351.49	355.04	355.08	356.12	0.006235	4.70	1.13	2.06	114.12	59.42	0.96
Solano valle	25.167*	Max WS	APP_TR200_D1	535.27	351.49	355.16	355.18	356.26	0.005970	4.75	1.23	2.16	121.30	60.67	0.95
Solano valle	25.167*	Max WS	APP_TR200_D2	669.89	351.49	355.55	355.66	356.77	0.005585	5.05	1.38	2.50	146.00	67.65	0.94
Solano valle	25.167*	Max WS	APP_TR200_D4	617.39	351.49	355.40	355.41	356.58	0.005695	4.93	1.42	2.38	136.38	63.23	0.94
Solano valle	25.083*	Max WS	APP_TR200_D3	684.68	351.34	355.43	355.48	356.73	0.005788	5.21	1.57	2.67	144.72	62.81	0.96
Solano valle	25.083*	Max WS	APP_TR200_D6	512.56	351.34	354.92	354.99	356.07	0.006435	4.85	1.16	2.21	113.77	58.02	0.98
Solano valle	25.083*	Max WS	APP_TR200_D1	547.92	351.34	355.04	355.10	356.21	0.006157	4.90	1.26	2.31	121.05	59.18	0.97
Solano valle	25.083*	Max WS	APP_TR200_D2	686.18	351.34	355.44	355.49	356.73	0.005760	5.21	1.58	2.67	145.20	62.88	0.96
Solano valle	25.083*	Max WS	APP_TR200_D4	632.80	351.34	355.29	355.35	356.54	0.005888	5.09	1.47	2.54	136.06	61.51	0.96
Solano valle	25 SOL-12	Max WS	APP_TR200_D3	693.99	351.19	355.30	355.71	357.03	0.008508	5.84		0.89	120.79	54.91	1.13
Solano valle	25 SOL-12	Max WS	APP_TR200_D6	516.57	351.19	354.78	354.97	356.23	0.008396	5.34			96.78	40.40	1.10
Solano valle	25 SOL-12	Max WS	APP_TR200_D1	553.22	351.19	354.91	355.14	356.41	0.008280	5.42			101.99	41.09	1.10
Solano valle	25 SOL-12	Max WS	APP_TR200_D2	695.54	351.19	355.30	355.71	357.03	0.008464	5.83		0.91	121.26	55.01	1.13
Solano valle	25 SOL-12	Max WS	APP_TR200_D4	640.86	351.19	355.16	355.55	356.81	0.008503	5.69		0.44	113.22	53.32	1.12
Solano valle	24.923*	Max WS	APP_TR200_D3	694.72	350.97	355.13	355.45	356.89	0.008252	5.87		0.71	118.95	47.23	1.12
Solano valle	24.923*	Max WS	APP_TR200_D6	517.09	350.97	354.62	354.79	356.07	0.008277	5.34			96.84	40.09	1.10
Solano valle	24.923*	Max WS	APP_TR200_D1	553.83	350.97	354.75	354.92	356.25	0.008175	5.42			102.12	40.91	1.10
Solano valle	24.923*	Max WS	APP_TR200_D2	696.29	350.97	355.14	355.55	356.89	0.008205	5.86		0.73	119.39	47.41	1.12
Solano valle	24.923*	Max WS	APP_TR200_D4	641.51	350.97	354.99	355.25	356.65	0.008249	5.71		0.46	112.54	44.47	1.11
Solano valle	24.846*	Max WS	APP_TR200_D3	695.44	350.76	354.97	355.29	356.72	0.008215	5.86	0.29	0.75	119.22	46.57	1.12
Solano valle	24.846*	Max WS	APP_TR200_D6	517.60	350.76	354.46	354.61	355.90	0.008181	5.33			97.11	40.07	1.09
Solano valle	24.846*	Max WS	APP_TR200_D1	554.44	350.76	354.59	354.76	356.08	0.008117	5.41			102.48	41.10	1.09
Solano valle	24.846*	Max WS	APP_TR200_D2	697.02	350.76	354.98	355.30	356.73	0.008153	5.85	0.32	0.75	119.69	46.80	1.12
Solano valle	24.846*	Max WS	APP_TR200_D4	642.17	350.76	354.83	355.06	356.49	0.008252	5.70		0.58	112.87	44.14	1.12
Solano valle	24.769*	Max WS	APP_TR200_D3	696.16	350.54	354.81	355.15	356.55	0.007891	5.83	0.50	0.90	121.25	52.90	1.10
Solano valle	24.769*	Max WS	APP_TR200_D6	518.10	350.54	354.30	354.45	355.73	0.008017	5.31			97.62	40.00	1.08
Solano valle	24.769*	Max WS	APP_TR200_D1	555.06	350.54	354.43	354.60	355.91	0.007916	5.39		0.19	103.03	41.88	1.08
Solano valle	24.769*	Max WS	APP_TR200_D2	697.78	350.54	354.83	355.15	356.55	0.007821	5.82	0.52	0.92	121.85	53.22	1.10
Solano valle	24.769*	Max WS	APP_TR200_D4	642.82	350.54	354.67	354.95	356.32	0.008004	5.68	0.17	0.70	114.06	48.87	1.10
Solano valle	24.692*	Max WS	APP_TR200_D3	696.88	350.32	354.66	355.00	356.38	0.007551	5.81	0.66	0.89	122.13	53.02	1.09
Solano valle	24.692*	Max WS	APP_TR200_D6	518.62	350.32	354.14	354.27	355.56	0.007790	5.27			98.37	39.89	1.07
Solano valle	24.692*	Max WS	APP_TR200_D1	555.67	350.32	354.28	354.42	355.74	0.007628	5.35		0.38	103.97	42.63	1.07
Solano valle	24.692*	Max WS	APP_TR200_D2	698.52	350.32	354.68	355.01	356.39	0.007476	5.80	0.68	0.80	122.84	55.85	1.08
Solano valle	24.692*	Max WS	APP_TR200_D4	643.47	350.32	354.52	354.81	356.15	0.007638	5.65	0.42	0.78	114.95	48.20	1.08
Solano valle	24.615*	Max WS	APP_TR200_D3	697.61	350.10	354.52	354.85	356.22	0.007178	5.77	0.79	1.03	122.37	49.67	1.06
Solano valle	24.615*	Max WS	APP_TR200_D6	519.13	350.10	353.99	354.09	355.38	0.007452	5.22		0.24	99.46	40.14	1.05
Solano valle	24.615*	Max WS	APP_TR200_D1	556.28	350.10	354.13	354.22	355.56	0.007263	5.30	0.08	0.52	105.20	41.97	1.05
Solano valle	24.615*	Max WS	APP_TR200_D2	699.27	350.10	354.54	354.85	356.22	0.007093	5.76	0.81	1.01	123.12	52.11	1.06
Solano valle	24.615*	Max WS	APP_TR200_D4	644.12	350.10	354.38	354.55	355.98	0.007232	5.61	0.59	0.88	115.71	44.81	1.06
Solano valle	24.538*	Max WS	APP_TR200_D3	698.33	349.89	354.39	354.62	356.04	0.006724	5.70	0.89	0.90	125.68	55.45	1.03
Solano valle	24.538*	Max WS	APP_TR200_D6	519.64	349.89	353.85	353.91	355.21	0.007032	5.15		0.42	101.02	40.82	1.03
Solano valle	24.538*	Max WS	APP_TR200_D1	556.88	349.89	354.00	354.05	355.39	0.006737	5.22	0.36	0.64	107.03	42.66	1.01
Solano valle	24.538*	Max WS	APP_TR200_D2	700.02	349.89	354.40	354.63	356.04	0.006634	5.69	0.91	0.92	126.57	55.66	1.03
Solano valle	24.538*	Max WS	APP_TR200_D4	644.78	349.89	354.24	354.43	355.80	0.006761	5.54	0.72	0.97	117.75	45.74	1.03
Solano valle	24.462*	Max WS	APP_TR200_D3	698.96	349.67	354.26	354.49	355.88	0.006290	5.64	1.03	0.71	126.58	61.25	1.01
Solano valle	24.462*	Max WS	APP_TR200_D6	520.16	349.67	353.72	353.70	355.03	0.006451	5.06	0.33	0.55	102.95	40.04	0.99
Solano valle	24.462*	Max WS	APP_TR200_D1	557.50	349.67	353.87	353.83	355.21	0.006178	5.13	0.56	0.75	109.01	41.21	0.98
Solano valle	24.462*	Max WS	APP_TR200_D2	700.75	349.67	354.28	354.49	355.89	0.006206	5.63	1.04	0.60	127.68	61.77	1.00
Solano valle	24.462*	Max WS	APP_TR200_D4	645.43	349.67	354.11	354.14	355.63	0.006280	5.47	0.87	1.03	119.17	43.13	1.00
Solano valle	24.385 SOL-11	Max WS	APP_TR200_D3	699.68	349.46	354.14	354.11	355.72	0.005829	5.57	1.14	0.86	127.35	50.44	0.97
Solano valle	24.385 SOL-11	Max WS	APP_TR200_D6	520.67	349.46	353.60	353.50	354.85	0.005836	4.95	0.53	0.64	105.32	39.16	0.95
Solano valle	24.385 SOL-11	Max WS	APP_TR200_D1	558.11	349.46	353.76	353.63	355.05	0.005602	5.03	0.72	0.80	111.41	39.94	0.94
Solano valle	24.385 SOL-11	Max WS	APP_TR200_D2	701.49	349.46	354.16	354.12	355.72	0.005743	5.55	1.15	0.75	128.38	53.52	0.97
Solano valle	24.385 SOL-11	Max WS	APP_TR200_D4	646.07	349.46	354.00	353.94	355.47	0.005777	5.38	0.99	1.05	121.07	41.16	0.96
Solano valle	24.308*	Max WS	APP_TR200_D3	700.40	349.24	354.03	354.07	355.53	0.005303	5.45	1.23	0.75	133.47	59.68	0.93
Solano valle	24.308*	Max WS	APP_TR200_D6	521.17	349.24	353.49		354.68	0.005214	4.83	0.69	0.76	108.50	39.98	0.90
Solano valle	24.308*	Max WS	APP_TR200_D1	558.74	349.24	353.65		354.88	0.005018	4.91	0.85	0.91	114.92	41.14	0.89
Solano valle	24.308*	Max WS	APP_TR200_D2	702.22	349.24	354.05	354.08	355.54	0.005214	5.43	1.23	0.79	134.75	59.85	0.93
Solano valle	24.308*	Max WS	APP_TR200_D4	646.74	349.24	353.89	353.73	355.30	0.005251	5.27	1.09	0.54	125.13	52.18	0.92
Solano valle	24.25			Lat Struct											
Solano valle	24.24			Lat Struct											
Solano valle	24.231*	Max WS	APP_TR200_D3	701.11	349.02	353.93	353.94	355.33	0.004727	5.29	1.02	1.15	141.70	63.16	0.89
Solano valle	24.231*	Max WS	APP_TR200_D6	521.69	349.02	353.40		354.52	0.004605	4.69	0.82	0.75	112.72	43.01	0.85
Solano valle	24.231*	Max WS	APP_TR200_D1	559.35	349.02	353.56	353.26	354.71	0.004446	4.77	0.95	0.64	120.24	50.86	0.85
Solano valle	24.231*	Max WS	APP_TR200_D2	702.97	349.02	353.96	353.94	355.34	0.004641	5.26	1.03	1.17	143.15	63.49	0.88
Solano valle	24.231*	Max WS	APP_TR200_D4	647.37	349.02	353.79	353.61	355.11	0.004675	5.12	0.99	0.91	132.86	59.77	0.88
Solano valle	24.154*	Max WS	APP_TR200_D3	701.82	348.80	353.85	353.72	355.13	0.004147	5.10	1.24	1.40	150.46	62.96	0.84
Solano valle	24.154*	Max WS	APP_TR200_D6	522.10	348.80	353.32	352.90	354.35	0.003998	4.52	0.89	0.84	119.74	51.57	0.80
Solano valle	24.154*	Max WS	APP_TR200_D1	559.96	348.80	353.48	353.08	354.54	0.003857	4.59	0.96	0.99	128.53	55.48	0.79
Solano valle	24.154*	Max WS	APP_TR200_D2	703.75	348.80	353.87	353.72	355.14	0.004067	5.07	1.25	1.41	152.02	63.32	0.83
Solano valle	24.154*	Max WS	APP_TR200_D4	648.01	348.80	353.71	353.46	354.92	0.004084	4.93	1.14	1.22	141.68	60.86	0.83
Solano valle	24.077*	Max WS	APP_TR200_D3	702.55	348.59	353.77	353.41	355.03	0.003803	5.03	1.44	0.77	150.38	62.07	0.81
Solano valle	24.077*	Max WS	APP_TR200_D6	522.60	348.59	353.24		354.21	0.003486	4.38	1.02	0.96	123.60	46.09	0.75
Solano valle	24.077*	Max WS	APP_TR200_D1	560.55	348.59	353.41		354.41	0.003394	4.46	1.12	1.06	131.45	48.14	0.75
Solano valle	24.077*	Max WS	APP_TR200_D2	704.44	348.59	353.80	353.41	355.04	0.003731	5.00	1.44	0.80	152.00	62.41	0.80
Solano valle	24.077*	Max WS	APP_TR200_D4	648.69	348.59	353.63		354.79	0.003677	4.83	1.32	1.25	142.37	50.85	0.79
Solano valle	24 SOL-10	Max WS	APP_TR200_D3	702.98	348.37	353.71		354.61	0.002789	4.44	1.62	1.80	188.09	71.89	0.69
Solano valle	24 SOL-10	Max WS	APP_TR200_D6	523.11	348.37	353.18		353.95	0.002709	4.00	1.08	1.32	150.44	71.89	0.67
Solano valle	24 SOL-10	Max WS	APP_TR200_D1	561.15	348.37	353.35		354.12	0.002582	4.03	1.23	1.44	162.56	71.89	0.66
Solano valle	24 SOL-10	Max WS	APP_TR200_D2	704.83	348.37	353.73		354.62	0.002728	4.41	1.63	1.80	190.06	71.89	0.69
Solano valle	24 SOL-10	Max WS	APP_TR200_D4	649.27	348.37	353.57		354.43	0.002741	4.30	1.48	1.67	178.14	71.89	0.68
Solano valle	23.500*	Max WS	APP_TR200_D3	703.39	348.69	353.63	353.67	355.15	0.005757	5.50	1.34	1.41	133.22	51.34	0.96
Solano valle	23.500*	Max WS	APP_TR200_D6	523.59	348.69	353.10	353.01	354.32	0.005756	4.90	0.83	1.34	108.53	43.32	0.94
Solano valle	23.500*	Max WS	APP_TR200_D1	561.72	348.69	353.28	353.14	354.51	0.005400	4.94	0.98	1.24	116.23	45.86	0.92
Solano valle	23.500*	Max WS	APP_TR200_D2	705.21	348.69	353.66	353.68	355.15	0.005611	5.46	1.34	1.41	134.73	51.80	0.95
Solano valle	23.500*	Max WS	APP_TR200_D4	649.82	348.69	353.49	353.47	354.91	0.005694	5.31	1.21	1.33	126.33	49.19	0.95
Solano valle	23 SOL-09	Max WS	APP_TR200_D3	704.07	349.01	353.47	354.18	355.81	0.010479	6.82	1.29	1.53	109.33	56.11	1.25
Solano valle	23 SOL-09	Max WS	APP_TR200_D6	524.06	349.01	352.95	353.54	354.93	0.011100	6.24		0.60	84.39	38.20	1.25
Solano valle	23 SOL-09	Max WS	APP_TR200_D1	562.31	349.01	353.13	353.75	355.10	0.010231	6.22		1.07	91.69	40.57	1.21
Solano valle	23 SOL-09	Max WS	APP_TR200_D2	705.85	349.01	353.51	354.19	355.79	0.010113	6.75	1.33	1.53	111.25	57.27	1.23
Solano valle	23 SOL-09	Max WS	APP_TR200_D4	650.43	349.01	353.34	354.06	355.56	0.010576	6.64	1.01	1.43	101.93	51.38	1.25

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Solano valle	22.800*	Max WS	APP_TR200_D3	704.75	348.75	353.28	353.90	355.39	0.009217	6.47	0.18	1.51	113.53	50.42	1.19
Solano valle	22.800*	Max WS	APP_TR200_D6	524.54	348.75	352.74	353.12	354.52	0.009434	5.91		0.78	89.57	39.91	1.17
Solano valle	22.800*	Max WS	APP_TR200_D1	562.92	348.75	352.95	353.30	354.69	0.008549	5.86		1.11	97.99	43.08	1.13
Solano valle	22.800*	Max WS	APP_TR200_D2	706.53	348.75	353.32	353.91	355.38	0.008832	6.39	0.30	1.52	115.63	51.48	1.16
Solano valle	22.800*	Max WS	APP_TR200_D4	651.06	348.75	353.14	353.69	355.14	0.009179	6.29		1.37	106.76	47.06	1.18
Solano valle	22.600*	Max WS	APP_TR200_D3	705.39	348.49	353.11	353.49	354.90	0.007956	5.95		1.30	122.46	53.58	1.11
Solano valle	22.600*	Max WS	APP_TR200_D6	525.01	348.49	352.57	352.80	354.09	0.008359	5.46		0.48	96.44	42.35	1.10
Solano valle	22.600*	Max WS	APP_TR200_D1	563.37	348.49	352.79	352.96	354.26	0.007342	5.37		0.84	106.29	46.81	1.05
Solano valle	22.600*	Max WS	APP_TR200_D2	707.15	348.49	353.16	353.50	354.89	0.007574	5.86		1.33	125.12	54.61	1.08
Solano valle	22.600*	Max WS	APP_TR200_D4	651.62	348.49	352.97	353.32	354.67	0.007933	5.79		1.13	115.23	50.67	1.10
Solano valle	22.400*	Max WS	APP_TR200_D3	705.81	348.22	352.97	353.11	354.49	0.006385	5.49		1.35	133.30	55.19	1.00
Solano valle	22.400*	Max WS	APP_TR200_D6	525.41	348.22	352.42	352.44	353.71	0.006626	5.02		0.53	105.27	46.23	0.99
Solano valle	22.400*	Max WS	APP_TR200_D1	563.86	348.22	352.66	352.59	353.89	0.005748	4.91		0.90	116.91	50.54	0.94
Solano valle	22.400*	Max WS	APP_TR200_D2	707.28	348.22	353.03	353.12	354.49	0.006040	5.39		1.38	136.40	55.86	0.98
Solano valle	22.400*	Max WS	APP_TR200_D4	652.10	348.22	352.83	352.93	354.27	0.006338	5.33		1.18	125.79	53.11	0.99
Solano valle	22.200*	Max WS	APP_TR200_D3	706.18	347.96	352.86	352.74	354.12	0.005002	5.01		1.37	146.89	57.95	0.89
Solano valle	22.200*	Max WS	APP_TR200_D6	525.72	347.96	352.31	352.06	353.37	0.005089	4.56		0.64	116.71	51.02	0.88
Solano valle	22.200*	Max WS	APP_TR200_D1	564.29	347.96	352.56		353.57	0.004389	4.45		0.96	130.13	54.35	0.83
Solano valle	22.200*	Max WS	APP_TR200_D2	707.46	347.96	352.92	352.75	354.13	0.004708	4.92		1.41	150.50	58.33	0.87
Solano valle	22.200*	Max WS	APP_TR200_D4	652.48	347.96	352.72	352.56	353.91	0.004933	4.86		1.20	139.01	56.44	0.88
Solano valle	22 SOL-08	Max WS	APP_TR200_D3	706.30	347.70	352.78		353.86	0.003635	4.83	2.69	1.48	167.06	63.48	0.79
Solano valle	22 SOL-08	Max WS	APP_TR200_D6	525.52	347.70	352.22		353.13	0.003647	4.36	2.38	0.73	132.51	61.38	0.77
Solano valle	22 SOL-08	Max WS	APP_TR200_D1	564.04	347.70	352.49		353.34	0.003125	4.25	2.35	1.05	149.03	62.40	0.72
Solano valle	22 SOL-08	Max WS	APP_TR200_D2	706.98	347.70	352.84		353.88	0.003404	4.73	2.63	1.50	171.35	63.74	0.76
Solano valle	22 SOL-08	Max WS	APP_TR200_D4	652.68	347.70	352.64		353.66	0.003568	4.67	2.59	1.31	158.47	62.97	0.77
Solano valle	21 SOL-07	Max WS	APP_TR200_D3	706.30	348.06	352.77	352.91	354.26	0.005573	5.61	1.57	2.84	140.49	57.81	0.96
Solano valle	21 SOL-07	Max WS	APP_TR200_D6	525.52	348.06	352.21	352.27	353.50	0.005878	5.13	0.87	2.42	109.96	51.49	0.96
Solano valle	21 SOL-07	Max WS	APP_TR200_D1	564.04	348.06	352.48	352.42	353.68	0.004906	4.97	1.12	2.44	124.25	55.22	0.89
Solano valle	21 SOL-07	Max WS	APP_TR200_D2	706.81	348.06	352.84	352.91	354.26	0.005183	5.48	1.61	2.79	144.43	58.07	0.93
Solano valle	21 SOL-07	Max WS	APP_TR200_D4	652.69	348.06	352.63	352.76	354.05	0.005536	5.44	1.36	2.72	132.69	57.29	0.95
Solano valle	20.750*	Max WS	APP_TR200_D3	705.67	347.99	352.67	352.79	354.27	0.005686	5.68	1.54	1.69	132.15	50.33	0.97
Solano valle	20.750*	Max WS	APP_TR200_D6	519.16	347.99	352.11	352.10	353.41	0.005713	5.07	1.19	1.00	105.43	45.65	0.95
Solano valle	20.750*	Max WS	APP_TR200_D1	563.47	347.99	352.40	352.27	353.64	0.004853	4.97	1.27	1.28	118.75	48.04	0.89
Solano valle	20.750*	Max WS	APP_TR200_D2	706.27	347.99	352.74	352.79	354.27	0.005274	5.55	1.53	1.71	135.93	50.83	0.94
Solano valle	20.750*	Max WS	APP_TR200_D4	652.71	347.99	352.53	352.60	354.04	0.005607	5.49	1.45	1.54	125.43	49.19	0.96
Solano valle	20.500*	Max WS	APP_TR200_D3	704.73	347.91	352.56	352.75	354.15	0.006487	5.65	2.41	1.29	131.87	55.36	1.02
Solano valle	20.500*	Max WS	APP_TR200_D6	518.65	347.91	352.00	352.09	353.34	0.007016	5.15	1.93		102.64	42.78	1.03
Solano valle	20.500*	Max WS	APP_TR200_D1	560.26	347.91	352.31	352.27	353.53	0.005575	4.94	1.98	0.71	117.76	54.32	0.93
Solano valle	20.500*	Max WS	APP_TR200_D2	704.99	347.91	352.65	352.75	354.14	0.005904	5.48	2.37	1.36	136.49	55.70	0.98
Solano valle	20.500*	Max WS	APP_TR200_D4	652.32	347.91	352.43	352.59	353.94	0.006511	5.49	2.28	1.04	124.45	54.82	1.02
Solano valle	20.250*	Max WS	APP_TR200_D3	710.66	347.84	352.44	352.77	354.12	0.007300	5.85	3.16	1.17	131.21	62.95	1.08
Solano valle	20.250*	Max WS	APP_TR200_D6	514.33	347.84	351.90	351.86	353.25	0.005869	5.21	2.42		102.25	36.64	0.96
Solano valle	20.250*	Max WS	APP_TR200_D1	563.65	347.84	352.20	352.24	353.50	0.006218	5.11	2.74	0.21	114.02	44.36	0.98
Solano valle	20.250*	Max WS	APP_TR200_D2	714.35	347.84	352.54	352.78	354.11	0.006581	5.67	3.06	1.30	137.18	62.95	1.03
Solano valle	20.250*	Max WS	APP_TR200_D4	657.43	347.84	352.31	352.62	353.94	0.007463	5.74	3.09	0.46	118.80	47.25	1.08
Solano valle	20 SOL-06	Max WS	APP_TR200_D3	717.31	347.77	352.33	352.37	353.84	0.005812	5.65	3.19		136.85	45.60	0.98
Solano valle	20 SOL-06	Max WS	APP_TR200_D6	515.32	347.77	351.80	351.70	352.95	0.005180	4.90	2.55		113.17	43.80	0.90
Solano valle	20 SOL-06	Max WS	APP_TR200_D1	567.57	347.77	352.11		353.22	0.004523	4.82	2.63		126.94	44.99	0.85
Solano valle	20 SOL-06	Max WS	APP_TR200_D2	723.13	347.77	352.43	352.38	353.87	0.005343	5.51	3.15		141.68	45.90	0.94
Solano valle	20 SOL-06	Max WS	APP_TR200_D4	663.60	347.77	352.19	352.21	353.62	0.005678	5.47	3.03		130.74	45.23	0.96
Solano valle	19.909*	Max WS	APP_TR200_D3	713.59	347.65	352.21	352.43	353.93	0.006288	5.88	2.68		125.55	38.73	1.01
Solano valle	19.909*	Max WS	APP_TR200_D6	509.61	347.65	351.70		352.93	0.005330	4.96	2.08		105.87	37.84	0.91
Solano valle	19.909*	Max WS	APP_TR200_D1	565.00	347.65	352.02		353.24	0.004725	4.94	2.20		118.14	38.40	0.87
Solano valle	19.909*	Max WS	APP_TR200_D2	716.15	347.65	352.33	352.44	353.93	0.005628	5.68	2.61	0.76	133.81	56.79	0.96
Solano valle	19.909*	Max WS	APP_TR200_D4	648.87	347.65	352.08	352.06	353.63	0.005869	5.56	2.50		120.54	38.51	0.98
Solano valle	19.818*	Max WS	APP_TR200_D3	708.04	347.52	352.10	352.11	353.62	0.005926	5.59	3.10	0.30	133.76	54.28	0.98
Solano valle	19.818*	Max WS	APP_TR200_D6	512.70	347.52	351.60		352.73	0.005092	4.80	2.50		112.20	41.36	0.89
Solano valle	19.818*	Max WS	APP_TR200_D1	564.25	347.52	351.93		353.01	0.004415	4.70	2.57		126.23	42.55	0.84
Solano valle	19.818*	Max WS	APP_TR200_D2	706.77	347.52	352.23	352.11	353.62	0.005157	5.35	2.98	0.63	140.88	55.49	0.92
Solano valle	19.818*	Max WS	APP_TR200_D4	648.83	347.52	351.97	351.90	353.36	0.005621	5.33	2.93		127.93	42.69	0.95
Solano valle	19.727*	Max WS	APP_TR200_D3	708.75	347.39	351.99	351.89	353.44	0.005251	5.43	2.65	1.03	136.95	43.71	0.93
Solano valle	19.727*	Max WS	APP_TR200_D6	508.57	347.39	351.50		352.54	0.004557	4.57	2.10	0.54	115.95	42.94	0.85
Solano valle	19.727*	Max WS	APP_TR200_D1	569.60	347.39	351.85		352.88	0.003898	4.55	2.19	0.79	131.00	43.49	0.80
Solano valle	19.727*	Max WS	APP_TR200_D2	706.69	347.39	352.13	351.88	353.45	0.004535	5.18	2.55	0.54	144.37	54.93	0.87
Solano valle	19.727*	Max WS	APP_TR200_D4	655.96	347.39	351.87	351.72	353.21	0.005079	5.21	2.51	0.91	131.74	43.52	0.91
Solano valle	19.636*	Max WS	APP_TR200_D3	711.36	347.27	351.90	351.87	353.15	0.004542	5.19	2.55	1.81	156.60	61.76	0.87
Solano valle	19.636*	Max WS	APP_TR200_D6	513.74	347.27	351.42	351.28	352.39	0.004116	4.50	1.99	1.13	127.52	60.96	0.81
Solano valle	19.636*	Max WS	APP_TR200_D1	573.46	347.27	351.78		352.67	0.003340	4.36	2.10	1.43	149.70	61.57	0.74
Solano valle	19.636*	Max WS	APP_TR200_D2	708.90	347.27	352.05		353.17	0.003834	4.91	2.47	1.71	166.46	63.94	0.81
Solano valle	19.636*	Max WS	APP_TR200_D4	659.28	347.27	351.78	351.74	352.96	0.004441	5.02	2.42	1.65	149.38	61.56	0.86
Solano valle	19.545*	Max WS	APP_TR200_D3	712.62	347.14	351.81	351.74	353.11	0.004854	5.19	1.38	2.03	151.33	62.81	0.90
Solano valle	19.545*	Max WS	APP_TR200_D6	504.97	347.14	351.34		352.29	0.004179	4.37	0.91	1.47	123.70	57.18	0.81
Solano valle	19.545*	Max WS	APP_TR200_D1	574.75	347.14	351.72		352.62	0.003471	4.31	1.11	1.69	145.91	61.16	0.75
Solano valle	19.545*	Max WS	APP_TR200_D2	708.21	347.14	351.98	351.73	353.11	0.003991	4.86	1.37	1.94	162.36	65.41	0.82
Solano valle	19.545*	Max WS	APP_TR200_D4	660.64	347.14	351.69	351.64	352.91	0.004726	5.00	1.27	1.96	144.24	60.65	0.88
Solano valle	19.455*	Max WS	APP_TR200_D3	712.69	347.02	351.71	351.61	352.98	0.004792	5.12	1.22	2.22	151.67	59.80	0.89
Solano valle	19.455*	Max WS	APP_TR200_D6	499.71	347.02	351.26		352.14	0.003950	4.23	0.73	1.71	126.03	54.67	0.79
Solano valle	19.455*	Max WS	APP_TR200_D1	574.04	347.02	351.65		352.51	0.003320	4.21	0.97	1.81	148.10	59.14	0.74
Solano valle	19.455*	Max WS	APP_TR200_D2	708.53	347.02	351.90		353.00	0.003877	4.77	1.23	2.13	163.15	61.87	0.81
Solano valle	19.455*	Max WS	APP_TR200_D4	659.85	347.02	351.60	351.44	352.78	0.004648	4.93	1.11	2.11	145.02	58.45	0.87
Solano valle	19.364*	Max WS	APP_TR200_D3	712.36	346.89	351.63	351.55	352.96	0.004373	5.31	1.81	2.45	150.86	54.98	0.87
Solano valle	19.364*	Max WS	APP_TR200_D6	498.70	346.89	351.19		352.09	0.003377	4.31	1.27	1.81	127.66	52.38	0.75
Solano valle	19.364*	Max WS	APP_TR200_D1	573.49	346.89	351.59		352.48	0.002928	4.32	1.46	1.98	149.08	54.78	0.71
Solano valle	19.364*	Max WS	APP_TR200_D2	708.05	346.89	351.83		352.98	0.003543	4.95	1.73	2.36	162.29	56.68	0.79
Solano valle	19.364*	Max WS	APP_TR200_D4	659.47	346.89	351.52	351.39	352.75	0.004185	5.10	1.69	2.31	144.88	54.32	0.84
Solano valle	19.273*	Max WS	APP_TR200_D3	712.93	346.77	351.54	351.50	352.88	0.004364	5.31	1.55	2.20	152.12	59.64	0.87
Solano valle	19.273*	Max WS	APP_TR200_D6	498.15	346.77	351.13		352.00	0.003230	4.24	1.03	1.92	128.67	52.04	0.73
Solano valle	19.273*	Max WS	APP_TR200_D1	573.15	346.77	351.54		352.41	0.002829	4.27	1.25	1.77	151.94	59.60	0.70
Solano valle	19.273*	Max WS	APP_TR200_D2	708.32	346.77	351.76	351.49	352.91	0.003489	4.93	1.23	2.12	166.49	69.12	0.78
Solano valle	19.273*	Max WS	APP_TR200_D4	659.39	346.77	351.44	351.22	352.67	0.004157	5.09	1.44	2.06	145.89	58.51	0.84
Solano valle	19.182*	Max WS	APP_TR200_D3	713.39	346.64	351.46	351.38	352.81	0.004393	5.32	1.27	2.33	150.20	59.63	0.87
Solano valle	19.182*	Max WS	APP_TR200_D6	485.90	346.64	351.07		351.89	0.003010	4.10	0.79	1.89	128.39	51.51	0.71
Solano valle	19.182*	Max WS	APP_TR200_D1	573.09	346.64	351.48		352.34	0.002761	4.23	1.02	1.86	151.80	60.12	0.69
Solano valle	19.182*	Max WS	APP_TR200_D2	708.88	346.64	351.70		352.84	0.003443	4.90	1.28	2.17	164.99	64.01	0.78
Solano valle	19.182*	Max WS	APP_TR200_D4	659.24	346.64	351.36	351.04	352.60	0.004150	5.08	1.16	2.21	144.25	57.88	0.84

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Solano valle	19.091*	Max WS	APP_TR200_D3	714.05	346.51	351.37	351.15	352.67	0.004562	5.08	0.96	0.94	146.48	60.06	0.87
Solano valle	19.091*	Max WS	APP_TR200_D6	485.40	346.51	351.01		351.78	0.003068	3.87	0.61	0.30	126.99	48.78	0.70
Solano valle	19.091*	Max WS	APP_TR200_D1	572.27	346.51	351.43		352.24	0.002759	3.99	0.78	0.79	150.13	61.99	0.68
Solano valle	19.091*	Max WS	APP_TR200_D2	705.78	346.51	351.63	351.09	352.69	0.003415	4.61	0.97	1.08	166.45	76.18	0.76
Solano valle	19.091*	Max WS	APP_TR200_D4	659.74	346.51	351.28	350.94	352.46	0.004295	4.84	0.87	0.77	140.87	56.95	0.84
Solano valle	19 SOL-05	Max WS	APP_TR200_D3	713.96	346.39	351.29	351.06	352.47	0.004291	4.95	1.49	0.91	163.21	75.83	0.84
Solano valle	19 SOL-05	Max WS	APP_TR200_D6	485.57	346.39	350.95		351.74	0.003083	3.93	0.42	0.44	124.40	44.18	0.70
Solano valle	19 SOL-05	Max WS	APP_TR200_D1	571.26	346.39	351.38		352.08	0.002471	3.82	1.22	0.76	170.39	76.13	0.64
Solano valle	19 SOL-05	Max WS	APP_TR200_D2	701.11	346.39	351.57		352.48	0.003037	4.38	1.54	0.83	184.78	77.99	0.71
Solano valle	19 SOL-05	Max WS	APP_TR200_D4	659.59	346.39	351.20	350.85	352.44	0.004444	4.95	0.73	0.82	135.88	50.40	0.85
Solano valle	18.750*	Max WS	APP_TR200_D3	714.45	346.28	351.20	351.13	352.59	0.005462	5.22	0.61	0.88	140.05	64.81	0.93
Solano valle	18.750*	Max WS	APP_TR200_D6	480.38	346.28	350.89		351.67	0.003470	3.90	0.30	0.35	123.59	46.02	0.73
Solano valle	18.750*	Max WS	APP_TR200_D1	571.10	346.28	351.33		352.14	0.003019	3.99	0.66	0.77	148.91	67.14	0.70
Solano valle	18.750*	Max WS	APP_TR200_D2	701.58	346.28	351.51	351.07	352.58	0.003779	4.62	0.99	0.99	160.93	69.38	0.79
Solano valle	18.750*	Max WS	APP_TR200_D4	659.99	346.28	351.11	350.91	352.37	0.005126	4.97	0.50	0.74	134.68	58.00	0.90
Solano valle	18.7			Lat Struct											
Solano valle	18.65			Lat Struct											
Solano valle	18.500*	Max WS	APP_TR200_D3	715.11	346.18	351.09	351.22	352.48	0.006036	5.23	0.88	0.74	141.48	69.00	0.96
Solano valle	18.500*	Max WS	APP_TR200_D6	480.74	346.18	350.83		351.60	0.003773	3.89	0.30	0.21	124.46	58.07	0.75
Solano valle	18.500*	Max WS	APP_TR200_D1	571.65	346.18	351.28		352.04	0.003115	3.91	0.87	0.71	154.39	71.88	0.70
Solano valle	18.500*	Max WS	APP_TR200_D2	702.04	346.18	351.44	351.17	352.46	0.003911	4.53	1.20	0.95	166.16	73.61	0.79
Solano valle	18.500*	Max WS	APP_TR200_D4	660.06	346.18	351.01	350.97	352.27	0.005663	4.98	0.72	0.59	136.01	66.11	0.93
Solano valle	18.250*	Max WS	APP_TR200_D3	715.76	346.07	350.99	351.13	352.44	0.005886	5.36	1.03	1.28	138.78	59.36	0.96
Solano valle	18.250*	Max WS	APP_TR200_D6	480.66	346.07	350.76		351.53	0.003426	3.89	0.40	1.10	125.74	55.95	0.72
Solano valle	18.250*	Max WS	APP_TR200_D1	572.06	346.07	351.22		351.99	0.002876	3.93	0.98	0.98	157.02	69.74	0.68
Solano valle	18.250*	Max WS	APP_TR200_D2	702.12	346.07	351.37	351.10	352.41	0.003701	4.58	1.18	1.30	167.52	72.61	0.77
Solano valle	18.250*	Max WS	APP_TR200_D4	659.94	346.07	350.91	350.79	352.21	0.005433	5.07	0.85	1.18	134.45	58.56	0.91
Solano valle	18 SOL-04	Max WS	APP_TR200_D3	572.90	345.96	350.91		351.82	0.003594	4.27	0.87	0.75	141.33	66.14	0.74
Solano valle	18 SOL-04	Max WS	APP_TR200_D6	471.72	345.96	350.70		351.42	0.003046	3.77	0.49	1.02	128.07	54.76	0.68
Solano valle	18 SOL-04	Max WS	APP_TR200_D1	569.79	345.96	351.17		351.92	0.002667	3.87	1.04	0.97	159.11	67.07	0.65
Solano valle	18 SOL-04	Max WS	APP_TR200_D2	697.79	345.96	351.30		352.32	0.003489	4.53	1.34	1.27	167.98	67.54	0.75
Solano valle	18 SOL-04	Max WS	APP_TR200_D4	660.30	345.96	350.82	350.72	352.12	0.005267	5.08	0.89	1.44	134.35	55.39	0.90
Solano valle	17.833*	Max WS	APP_TR200_D3	569.03	345.77	350.84		351.74	0.003317	4.21	0.86	0.71	141.59	62.11	0.72
Solano valle	17.833*	Max WS	APP_TR200_D6	447.26	345.77	350.66		351.28	0.002488	3.52	0.56	0.97	130.66	52.37	0.62
Solano valle	17.833*	Max WS	APP_TR200_D1	566.33	345.77	351.13		351.86	0.002442	3.81	0.99	0.94	159.83	64.29	0.63
Solano valle	17.833*	Max WS	APP_TR200_D2	688.57	345.77	351.24		352.24	0.003238	4.48	1.23	1.21	167.01	65.48	0.73
Solano valle	17.833*	Max WS	APP_TR200_D4	660.21	345.77	350.72	350.56	352.03	0.005053	5.08	0.86	1.28	134.25	54.66	0.89
Solano valle	17.667*	Max WS	APP_TR200_D3	566.07	345.57	350.79		351.66	0.003078	4.16	0.92	0.70	143.39	61.76	0.70
Solano valle	17.667*	Max WS	APP_TR200_D6	445.12	345.57	350.62		351.22	0.002257	3.45	0.62	0.66	133.42	53.71	0.59
Solano valle	17.667*	Max WS	APP_TR200_D1	562.20	345.57	351.11		351.79	0.002212	3.73	1.00	0.94	163.48	64.62	0.60
Solano valle	17.667*	Max WS	APP_TR200_D2	682.74	345.57	351.19		352.15	0.003011	4.41	1.23	1.19	168.91	65.37	0.70
Solano valle	17.667*	Max WS	APP_TR200_D4	658.61	345.57	350.64	350.45	351.94	0.004858	5.08	0.94	0.86	134.35	55.28	0.87
Solano valle	17.500*	Max WS	APP_TR200_D3	565.52	345.38	350.73		351.60	0.002858	4.14	0.94	0.78	145.61	62.58	0.68
Solano valle	17.500*	Max WS	APP_TR200_D6	445.07	345.38	350.58		351.17	0.002055	3.42	0.66	0.64	136.37	56.66	0.58
Solano valle	17.500*	Max WS	APP_TR200_D1	557.78	345.38	351.09		351.74	0.001975	3.66	1.03	0.98	168.02	64.81	0.58
Solano valle	17.500*	Max WS	APP_TR200_D2	672.07	345.38	351.14		352.06	0.002733	4.34	1.25	1.21	171.35	65.14	0.68
Solano valle	17.500*	Max WS	APP_TR200_D4	657.78	345.38	350.55	350.34	351.87	0.004632	5.10	0.95	1.01	134.59	54.93	0.86
Solano valle	17.333*	Max WS	APP_TR200_D3	558.91	345.19	350.69		351.52	0.002649	4.08	1.00	0.81	146.07	57.65	0.66
Solano valle	17.333*	Max WS	APP_TR200_D6	438.18	345.19	350.56		351.11	0.001839	3.32	0.72	0.81	138.53	51.48	0.55
Solano valle	17.333*	Max WS	APP_TR200_D1	553.20	345.19	351.07		351.71	0.001826	3.60	1.06	0.99	168.33	59.77	0.56
Solano valle	17.333*	Max WS	APP_TR200_D2	656.57	345.19	351.09		351.98	0.002512	4.24	1.26	1.19	169.92	59.97	0.65
Solano valle	17.333*	Max WS	APP_TR200_D4	657.11	345.19	350.47	350.23	351.79	0.004488	5.11	1.00	1.28	134.21	50.21	0.85
Solano valle	17.167*	Max WS	APP_TR200_D3	479.60	344.99	350.65		351.26	0.001860	3.51	0.90	0.82	148.54	58.84	0.55
Solano valle	17.167*	Max WS	APP_TR200_D6	357.52	344.99	350.54		350.91	0.001144	2.71	0.63	0.56	142.23	58.57	0.43
Solano valle	17.167*	Max WS	APP_TR200_D1	548.57	344.99	351.06		351.67	0.001678	3.55	1.10	1.11	172.98	60.49	0.53
Solano valle	17.167*	Max WS	APP_TR200_D2	645.39	344.99	351.06		351.91	0.002324	4.18	1.20	1.30	173.48	62.21	0.63
Solano valle	17.167*	Max WS	APP_TR200_D4	654.82	344.99	350.39	350.13	351.73	0.004380	5.16	1.03	1.33	134.15	51.24	0.84
Solano valle	17 SOL-03	Max WS	APP_TR200_D3	465.62	344.80	350.63		351.18	0.001657	3.36	0.92	0.88	151.89	57.37	0.52
Solano valle	17 SOL-03	Max WS	APP_TR200_D6	358.02	344.80	350.53		350.88	0.001067	2.66	0.68	0.65	146.53	56.90	0.41
Solano valle	17 SOL-03	Max WS	APP_TR200_D1	543.31	344.80	351.06		351.63	0.001541	3.45	1.16	1.16	176.96	58.18	0.51
Solano valle	17 SOL-03	Max WS	APP_TR200_D2	637.48	344.80	351.04		351.84	0.002159	4.08	1.36	1.36	175.76	58.14	0.60
Solano valle	17 SOL-03	Max WS	APP_TR200_D4	654.91	344.80	350.32	350.04	351.66	0.004362	5.18	1.08	1.11	134.50	54.13	0.83
Solano valle	16.875*	Max WS	APP_TR200_D3	447.84	344.77	350.57		351.12	0.001634	3.29	0.69	0.72	143.90	52.47	0.52
Solano valle	16.875*	Max WS	APP_TR200_D6	320.38	344.77	350.51		350.80	0.000888	2.40	0.47	0.49	140.38	52.20	0.38
Solano valle	16.875*	Max WS	APP_TR200_D1	537.77	344.77	351.02		351.62	0.001614	3.50	0.94	1.07	167.40	54.21	0.52
Solano valle	16.875*	Max WS	APP_TR200_D2	630.45	344.77	350.98		351.83	0.002278	4.14	1.10	1.24	165.66	54.08	0.62
Solano valle	16.875*	Max WS	APP_TR200_D4	307.43	344.77	350.26		350.57	0.001011	2.46	0.35	0.64	128.99	43.51	0.40
Solano valle	16.750*	Max WS	APP_TR200_D3	436.45	344.74	350.55		351.07	0.001550	3.21	0.42	1.03	141.58	45.01	0.50
Solano valle	16.750*	Max WS	APP_TR200_D6	308.45	344.74	350.50		350.76	0.000809	2.30	0.27	0.72	139.32	44.83	0.36
Solano valle	16.750*	Max WS	APP_TR200_D1	533.64	344.74	350.98		351.59	0.001620	3.51	0.83	1.30	161.13	45.01	0.52
Solano valle	16.750*	Max WS	APP_TR200_D2	616.44	344.74	350.93		351.77	0.002246	4.10	0.94	1.51	158.95	45.01	0.61
Solano valle	16.750*	Max WS	APP_TR200_D4	307.15	344.74	350.24		350.55	0.001008	2.46	0.14	0.65	128.24	41.02	0.40
Solano valle	16.625*	Max WS	APP_TR200_D3	426.79	344.71	350.55		351.03	0.001426	3.10	0.46	0.90	146.22	49.58	0.48
Solano valle	16.625*	Max WS	APP_TR200_D6	303.66	344.71	350.51		350.75	0.000751	2.23	0.30	0.63	144.02	49.58	0.35
Solano valle	16.625*	Max WS	APP_TR200_D1	529.50	344.71	350.99		351.56	0.001517	3.41	0.81	1.22	167.80	49.58	0.51
Solano valle	16.625*	Max WS	APP_TR200_D2	597.40	344.71	350.92		351.67	0.002040	3.92	0.89	1.36	164.49	49.58	0.59
Solano valle	16.625*	Max WS	APP_TR200_D4	306.32	344.71	350.22		350.52	0.000990	2.44		0.53	130.07	45.23	0.40
Solano valle	16.500*	Max WS	APP_TR200_D3	415.54	344.67	350.59		351.00	0.001251	2.85		0.87	153.52	48.24	0.45
Solano valle	16.500*	Max WS	APP_TR200_D6	299.78	344.67	350.54		350.76	0.000682	2.09		0.61	150.92	48.24	0.33
Solano valle	16.500*	Max WS	APP_TR200_D1	514.65	344.67	351.04		351.52	0.001334	3.13		1.17	175.18	48.24	0.47
Solano valle	16.500*	Max WS	APP_TR200_D2	580.49	344.67	350.95		351.59	0.001825	3.61		1.31	170.66	48.24	0.55
Solano valle	16.500*	Max WS	APP_TR200_D4	302.06	344.67	350.24		350.50	0.000906	2.29		0.55	136.36	46.98	0.38
Solano valle	16.375*	Max WS	APP_TR200_D3	403.74	344.64	350.60		350.99	0.001041	2.82	1.10	0.82	155.68	47.60	0.42
Solano valle	16.375*	Max WS	APP_TR200_D6	291.42	344.64	350.55		350.76	0.000565	2.06	0.79	0.59	153.35	47.33	0.31
Solano valle	16.375*	Max WS	APP_TR200_D1	489.27	344.64	351.08		351.52	0.001047	3.03	1.27	1.02	179.19	49.52	0.43
Solano valle	16.375*	Max WS	APP_TR200_D2	534.30	344.64	350.96		351.52	0.001376	3.41	1.40	1.09	172.96	49.52	0.49
Solano valle	16.375*	Max WS	APP_TR200_D4	292.48	344.64	350.24		350.49	0.000744	2.26	0.80	0.57	138.68	45.58	0.35
Solano valle	16.250*	Max WS	APP_TR200_D3	372.64	344.61	350.63		350.97	0.000848	2.62	0.87	0.88	151.96	39.73	0.38
Solano valle	16.250*	Max WS	APP_TR200_D6	276.89	344.61	350.58		350.77	0.000485	1.97	0.65	0.65	150.11	39.73	0.29
Solano valle	16.250*	Max WS	APP_TR200_D1	441.64	344.61	351.18		351.55	0.000803	2.74	0.95	1.05	173.88	39.73	0.38
Solano valle	16.250*	Max WS	APP_TR200_D2	459.61	344.61	351.02		351.45	0.000969	2.95	1.02	1.10	167.58	39.73	0.42
Solano valle	16.250*	Max WS	APP_TR200_D4	279.60	344.61	350.24		350.47	0.000648	2.16	0.68	0.62	136.59	39.73	0.33
Solano valle	16.125*	Max WS	APP_TR200_D3	351.32	344.58	350.76		351.01	0.000675	2.28	0.54	0.79	169.52	55.28	0.34
Solano valle	16.125*	Max WS	APP_TR200_D6	282.75	344.58	350.67		350.84	0.000469	1.88	0.41	0.63	164.85	55.28	0.28

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Solano valle	16.125*	Max WS	APP_TR200_D1	369.82	344.58	351.42		351.61	0.000445	2.02	0.67	0.83	206.20	55.28	0.28
Solano valle	16.125*	Max WS	APP_TR200_D2	439.18	344.58	351.26		351.56	0.000705	2.49	0.78	0.99	197.53	55.28	0.35
Solano valle	16.125*	Max WS	APP_TR200_D4	272.30	344.58	350.28		350.49	0.000610	2.01	0.22	0.55	143.52	55.28	0.32
Solano valle	16 SOL-02	Max WS	APP_TR200_D3	324.79	344.55	350.81		351.02	0.000549	2.04	0.47	0.77	173.26	51.76	0.30
Solano valle	16 SOL-02	Max WS	APP_TR200_D6	270.25	344.55	350.72		350.87	0.000414	1.75		0.64	164.28	44.79	0.26
Solano valle	16 SOL-02	Max WS	APP_TR200_D1	302.16	344.55	351.53		351.65	0.000276	1.59	0.51	0.70	210.46	51.76	0.22
Solano valle	16 SOL-02	Max WS	APP_TR200_D2	393.77	344.55	351.39		351.61	0.000519	2.14	0.66	0.92	203.06	51.76	0.30
Solano valle	16 SOL-02	Max WS	APP_TR200_D4	263.50	344.55	350.30		350.48	0.000541	1.90		0.58	145.93	44.28	0.30
Solano valle	15.750*	Max WS	APP_TR200_D3	302.24	344.67	350.86		351.03	0.000453	1.86	0.45	0.61	172.99	50.45	0.28
Solano valle	15.750*	Max WS	APP_TR200_D6	253.28	344.67	350.75		350.88	0.000347	1.61	0.36	0.50	167.54	50.45	0.24
Solano valle	15.750*	Max WS	APP_TR200_D1	245.30	344.67	351.61		351.69	0.000170	1.27	0.41	0.50	210.95	50.45	0.18
Solano valle	15.750*	Max WS	APP_TR200_D2	355.57	344.67	351.49		351.66	0.000390	1.89	0.60	0.73	204.68	50.45	0.26
Solano valle	15.750*	Max WS	APP_TR200_D4	251.73	344.67	350.31		350.47	0.000500	1.80	0.20	0.42	145.37	50.45	0.29
Solano valle	15.500*	Max WS	APP_TR200_D3	281.67	344.79	350.90		351.04	0.000360	1.69	0.28	0.58	177.75	49.76	0.25
Solano valle	15.500*	Max WS	APP_TR200_D6	236.27	344.79	350.78		350.89	0.000278	1.46	0.22	0.48	171.99	49.45	0.22
Solano valle	15.500*	Max WS	APP_TR200_D1	196.34	344.79	351.66		351.71	0.000100	0.98	0.23	0.41	216.49	51.82	0.14
Solano valle	15.500*	Max WS	APP_TR200_D2	319.31	344.79	351.56		351.69	0.000283	1.64	0.38	0.66	211.34	51.55	0.23
Solano valle	15.500*	Max WS	APP_TR200_D4	250.22	344.79	350.32		350.48	0.000459	1.74	0.14	0.44	149.61	48.21	0.28
Solano valle	15.250*	Max WS	APP_TR200_D3	255.40	344.91	350.95		351.05	0.000250	1.42	0.37	0.60	198.45	59.21	0.21
Solano valle	15.250*	Max WS	APP_TR200_D6	214.96	344.91	350.83		350.90	0.000197	1.24	0.31	0.50	190.92	58.61	0.19
Solano valle	15.250*	Max WS	APP_TR200_D1	146.14	344.91	351.70		351.72	0.000046	0.68	0.21	0.32	244.49	63.95	0.09
Solano valle	15.250*	Max WS	APP_TR200_D2	271.96	344.91	351.64		351.71	0.000168	1.28	0.39	0.60	240.38	63.54	0.18
Solano valle	15.250*	Max WS	APP_TR200_D4	239.90	344.91	350.36		350.48	0.000371	1.58	0.26	0.55	163.80	57.00	0.25
Solano valle	15 SOL-01	Max WS	APP_TR200_D3	76.64	345.03	349.77	346.42	349.79	0.000061	0.59	0.04	0.16	139.36	68.95	0.10
Solano valle	15 SOL-01	Max WS	APP_TR200_D6	479.44	345.03	349.77	348.83	350.45	0.002396	3.71	0.24	1.03	139.36	68.95	0.63
Solano valle	15 SOL-01	Max WS	APP_TR200_D1	76.43	345.03	349.77	346.42	349.79	0.000061	0.59	0.04	0.16	139.36	68.95	0.10
Solano valle	15 SOL-01	Max WS	APP_TR200_D2	76.53	345.03	349.77	346.42	349.79	0.000061	0.59	0.04	0.16	139.36	68.95	0.10
Solano valle	15 SOL-01	Max WS	APP_TR200_D4	152.88	345.03	349.77	347.07	349.84	0.000244	1.18	0.08	0.33	139.36	68.95	0.20

ALLEGATI

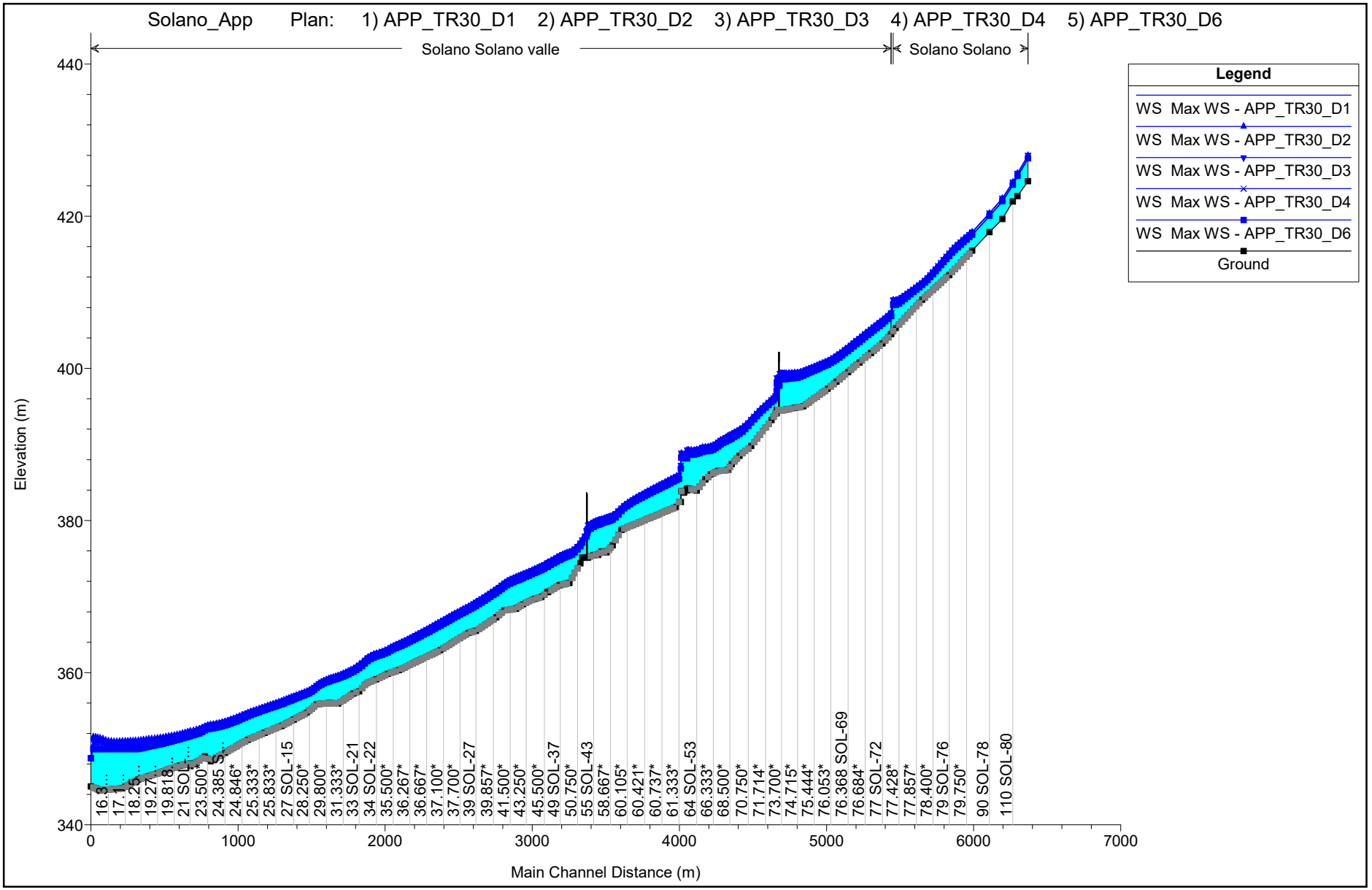
MODELLAZIONE HEC-RAS 5.0.7 "SOLANO_APP"

SOLANO

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 1, 2, 3, 4 e 6 h

Profilo longitudinale


Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
Solano Solano valle
Solano Solano
Legend
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
Ground
Elevation (m)
Main Channel Distance (m)
440
420
400
380
360
340
0
1000
2000
3000
4000
5000
6000
7000
16.3...
17.1...
18.25...
19.27...
19.818...
21 SOL...
23.500* SO...
24.846*
25.333*
25.833*
27 SOL-15
28.250*
29.800*
31.333*
33 SOL-21
34 SOL-22
35.500*
36.267*
36.667*
37.100*
37.700*
39 SOL-27
39.857*
41.500*
43.250*
45.500*
49 SOL-37
50.750*
55 SOL-43
58.667*
60.105*
60.421*
60.737*
61.333*
64 SOL-53
66.333*
68.500*
70.750*
71.714*
73.700*
74.715*
75.444*
76.053*
76.368 SOL-69
76.684*
77 SOL-72
77.428*
77.857*
78.400*
79 SOL-76
79.750*
90 SOL-78
110 SOL-80

ALLEGATI

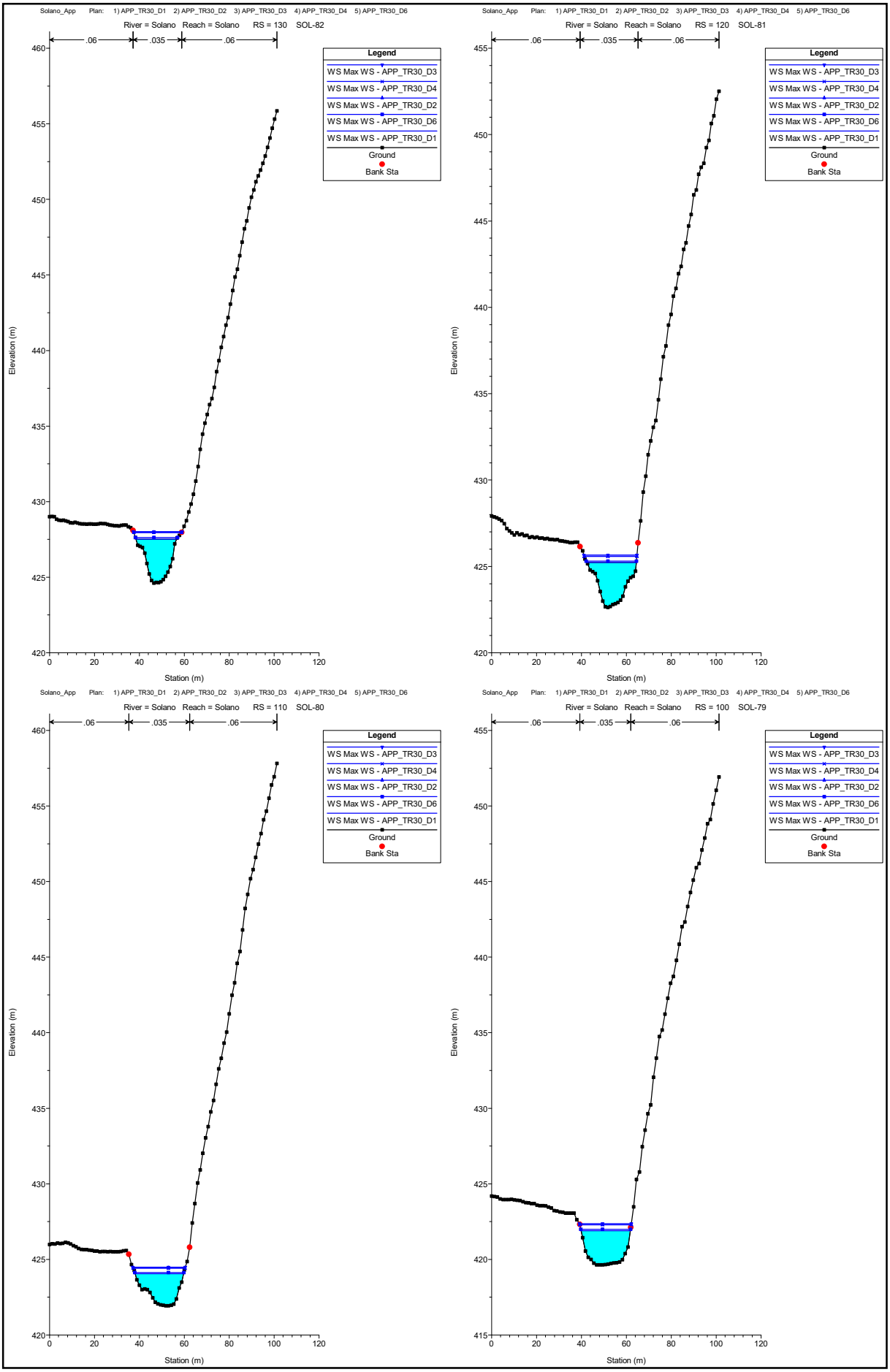
MODELLAZIONE HEC-RAS 5.0.7 "SOLANO_APP"

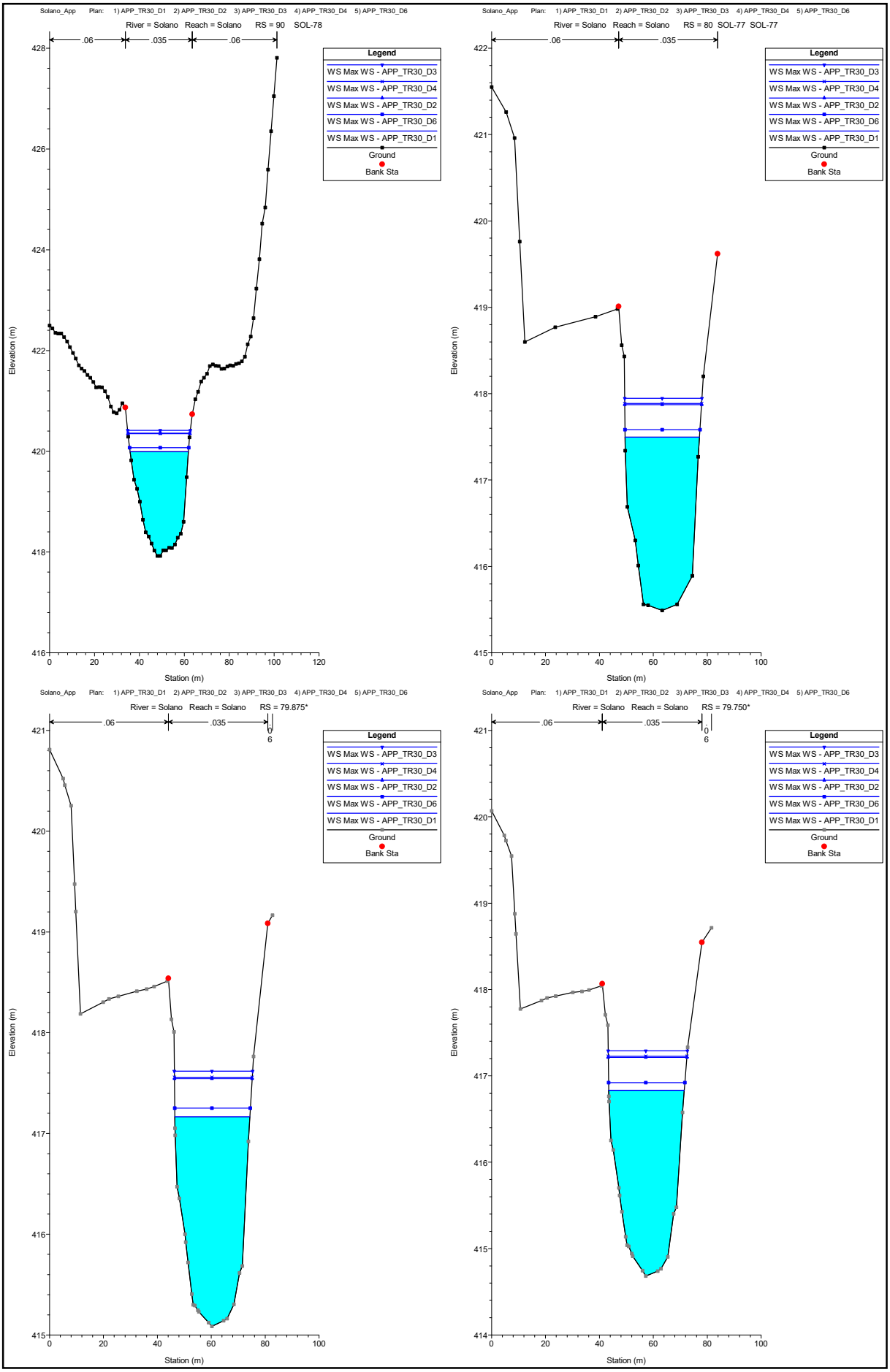
SOLANO

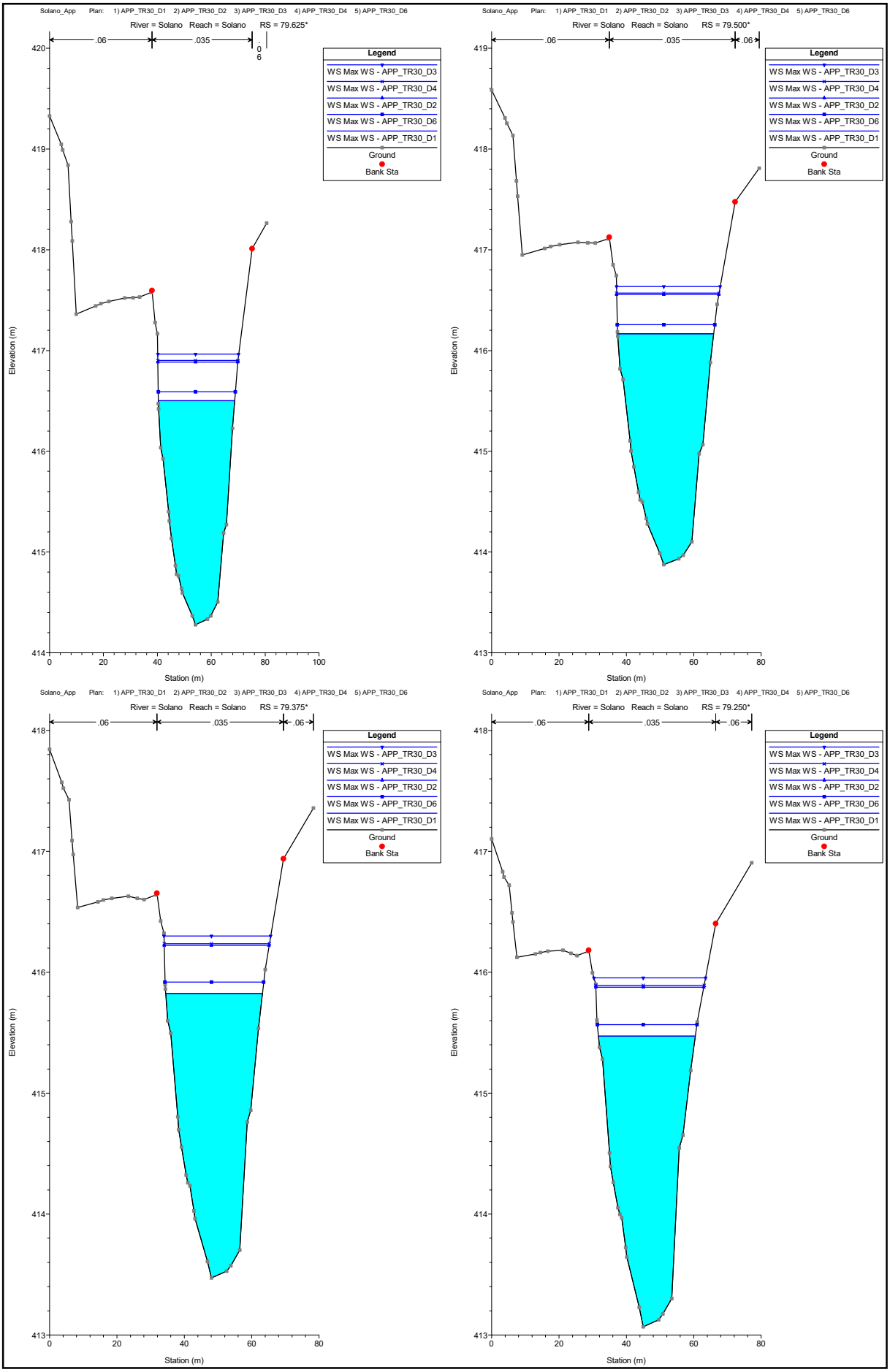
MODELLAZIONE PER TR= 30 anni

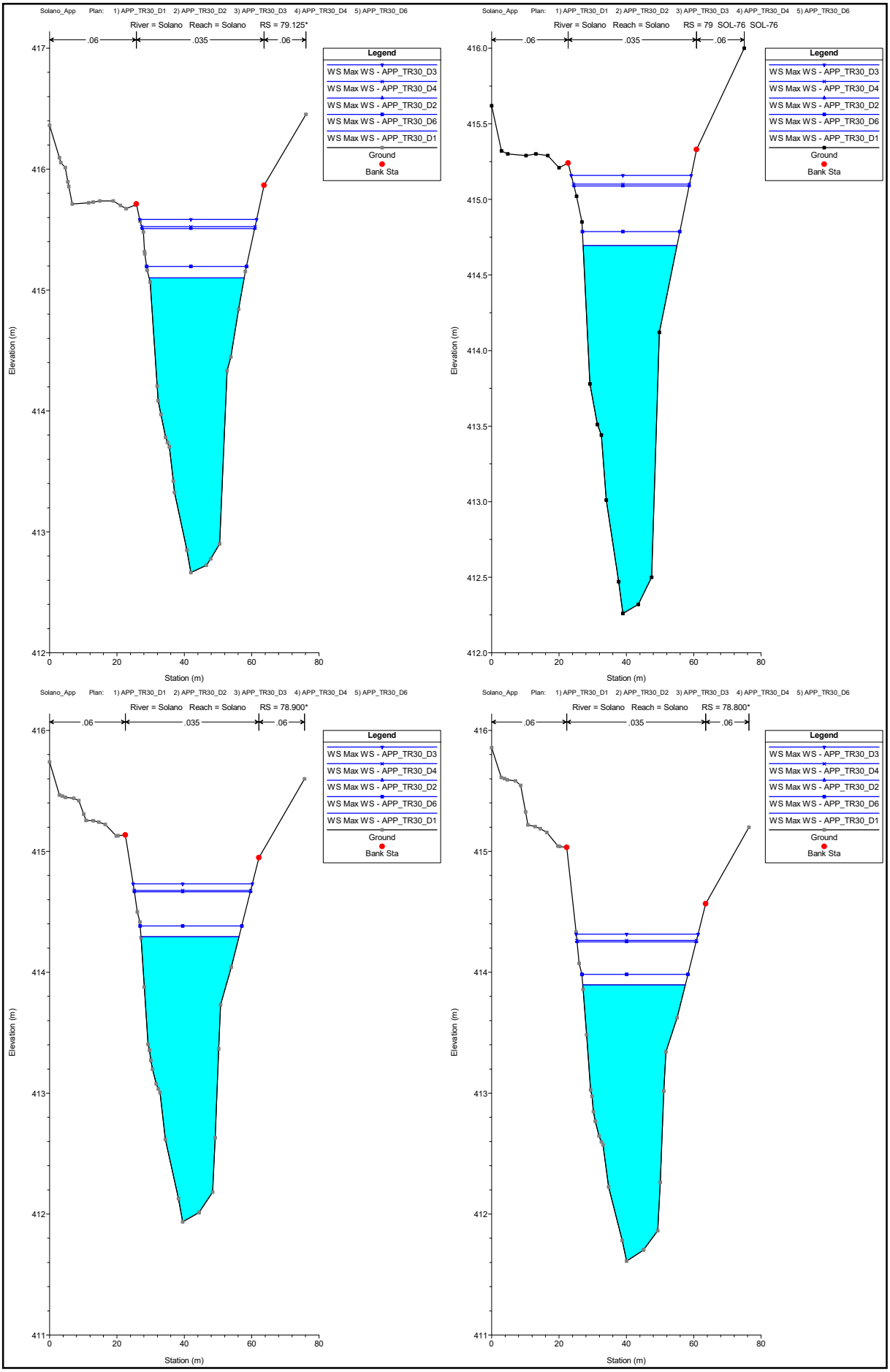
DURATE DI PIOGGIA: 1, 2, 3, 4 e 6 h

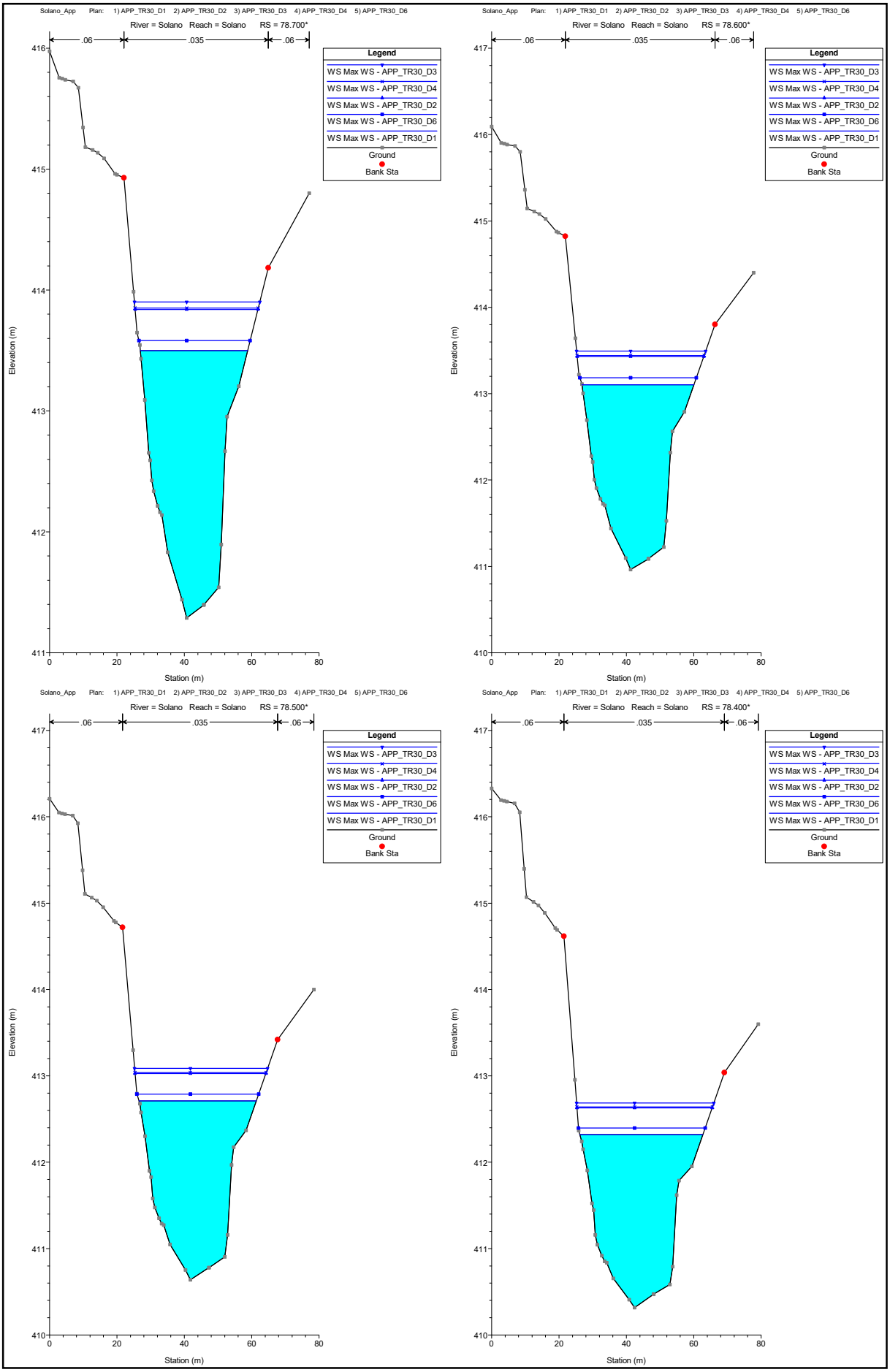
Sezioni Trasversali (da monte verso valle)

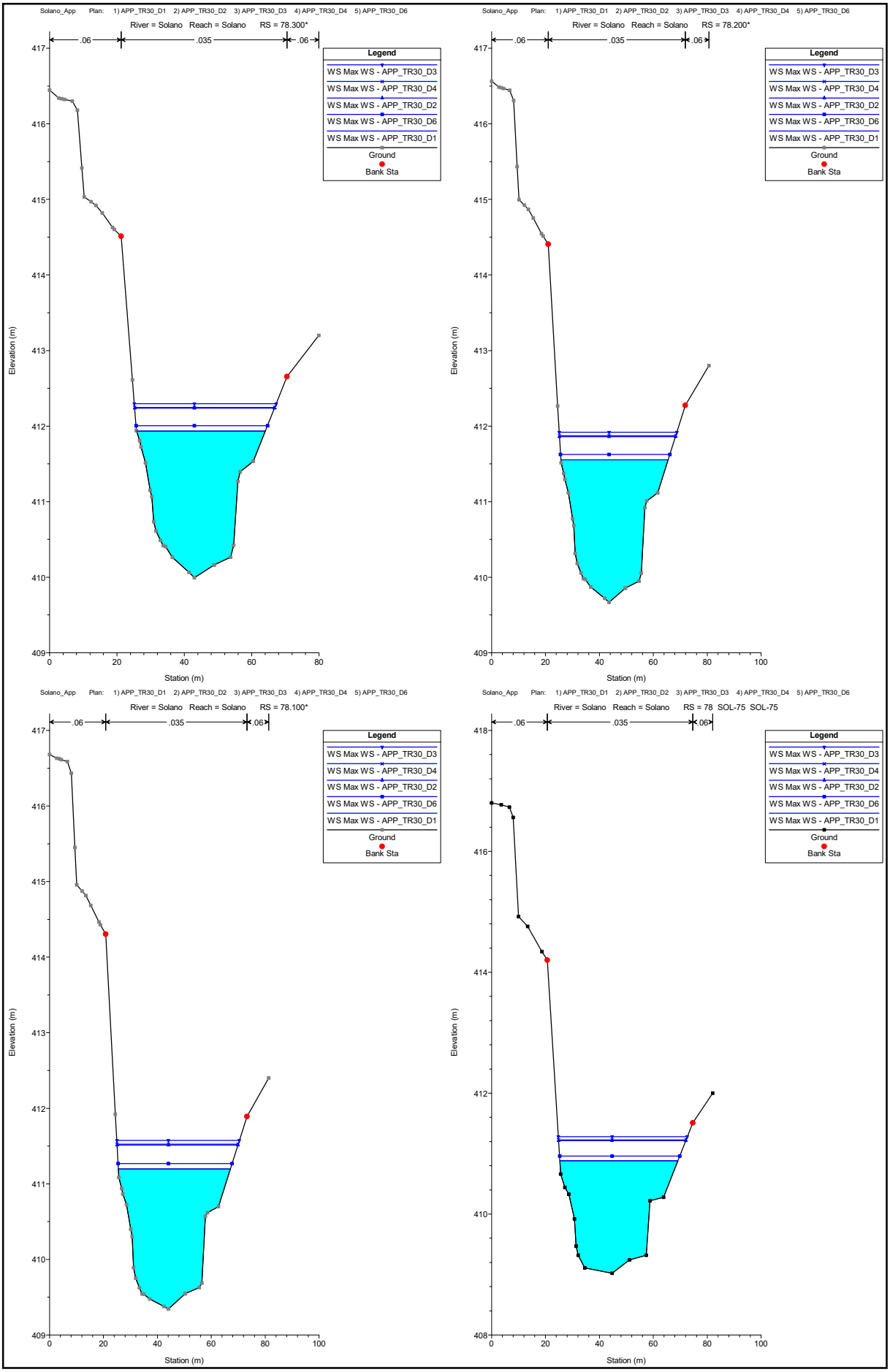

Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano RS = 130 SOL-82
.06 .035 .06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano RS = 120 SOL-81
.06 .035 .06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano RS = 110 SOL-80
.06 .035 .06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano RS = 100 SOL-79
.06 .035 .06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)

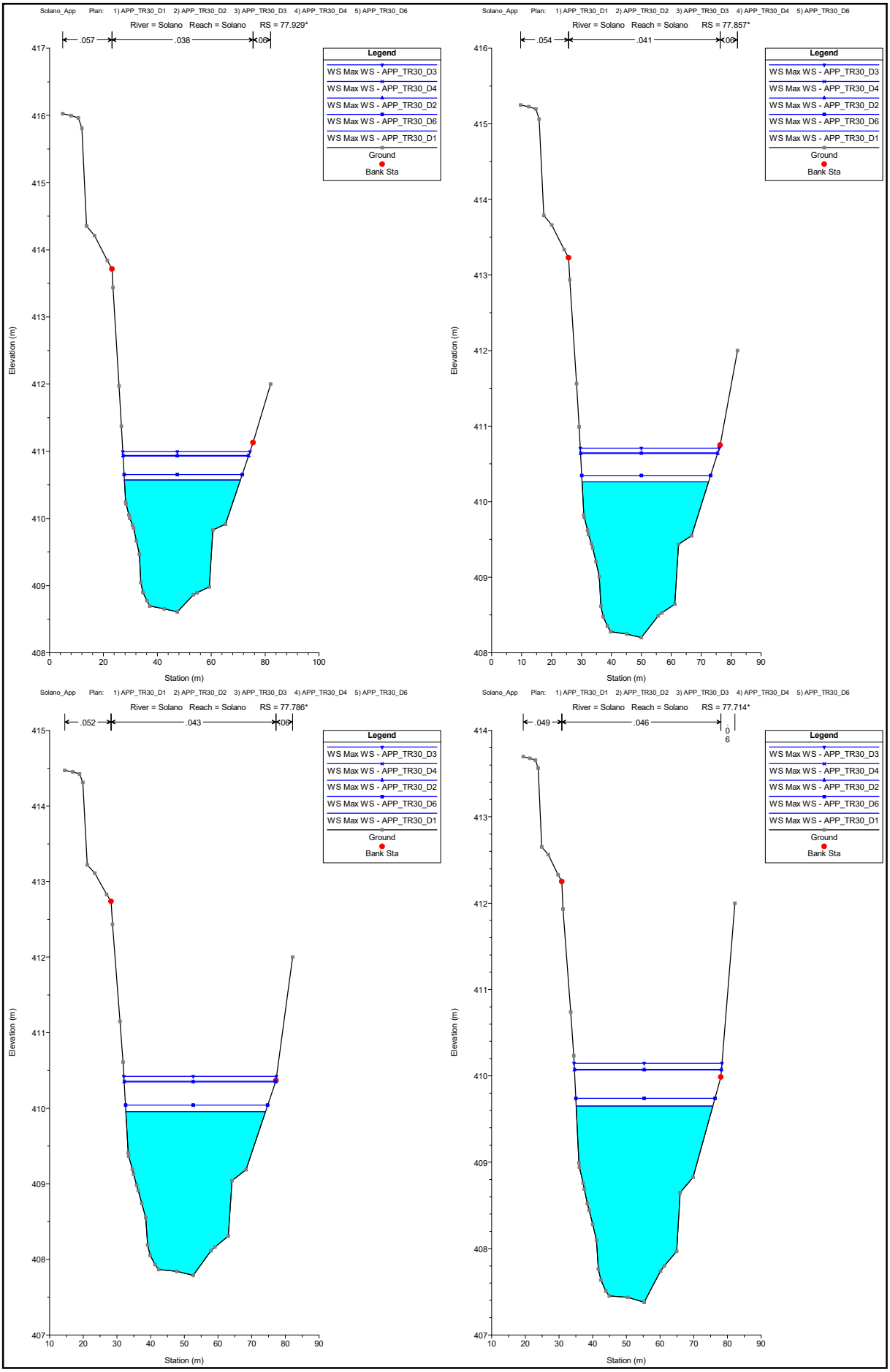

Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano RS = 90 SOL-78
.06
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano RS = 80 SOL-77 SOL-77
.06
.035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano RS = 79.875*
.06
.035
0
6
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano RS = 79.750*
.06
.035
0
6
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)

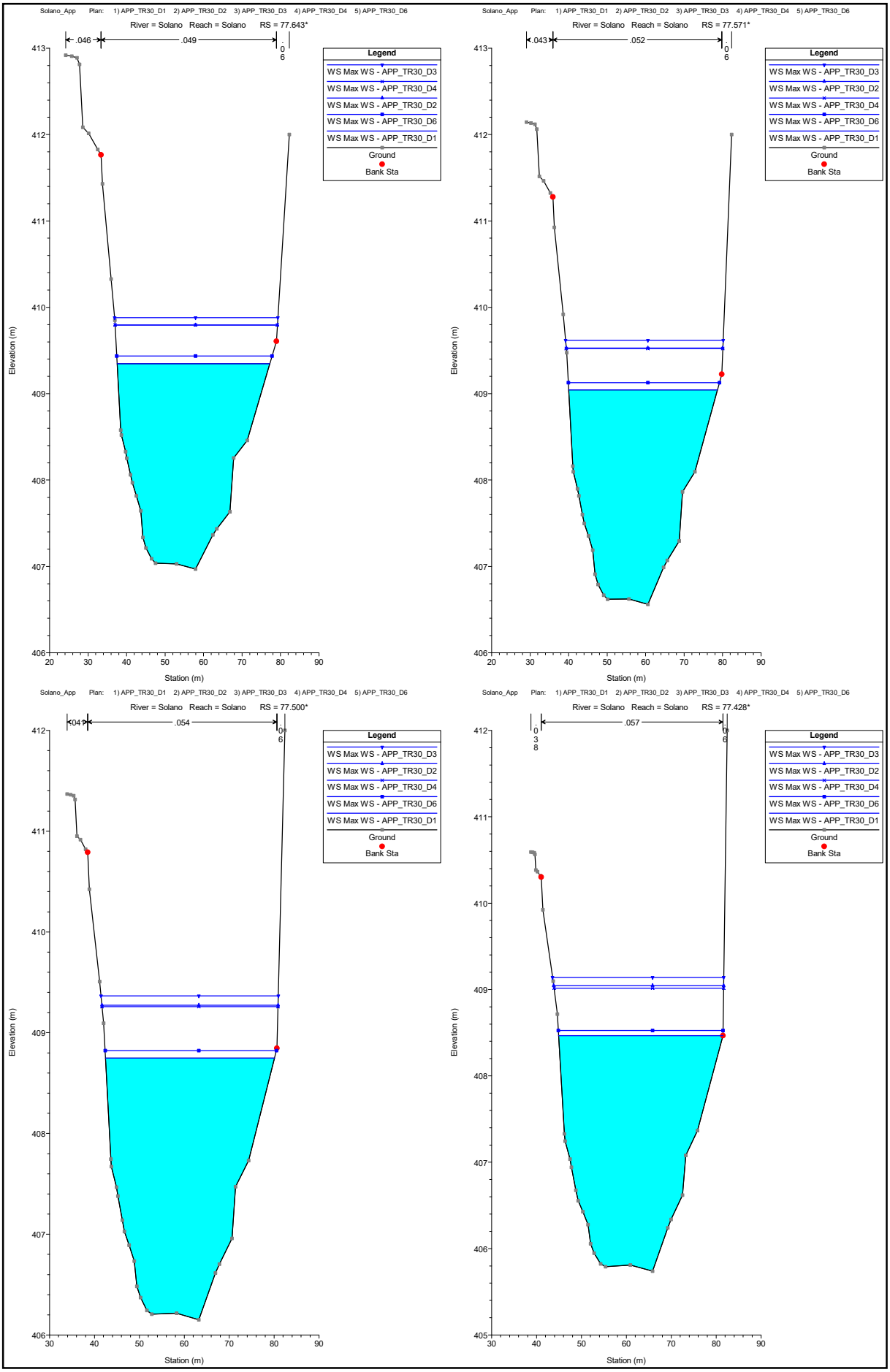

Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano RS = 79.625*
.06
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano RS = 79.500*
.06
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano RS = 79.375*
.06
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano RS = 79.250*
.06
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)

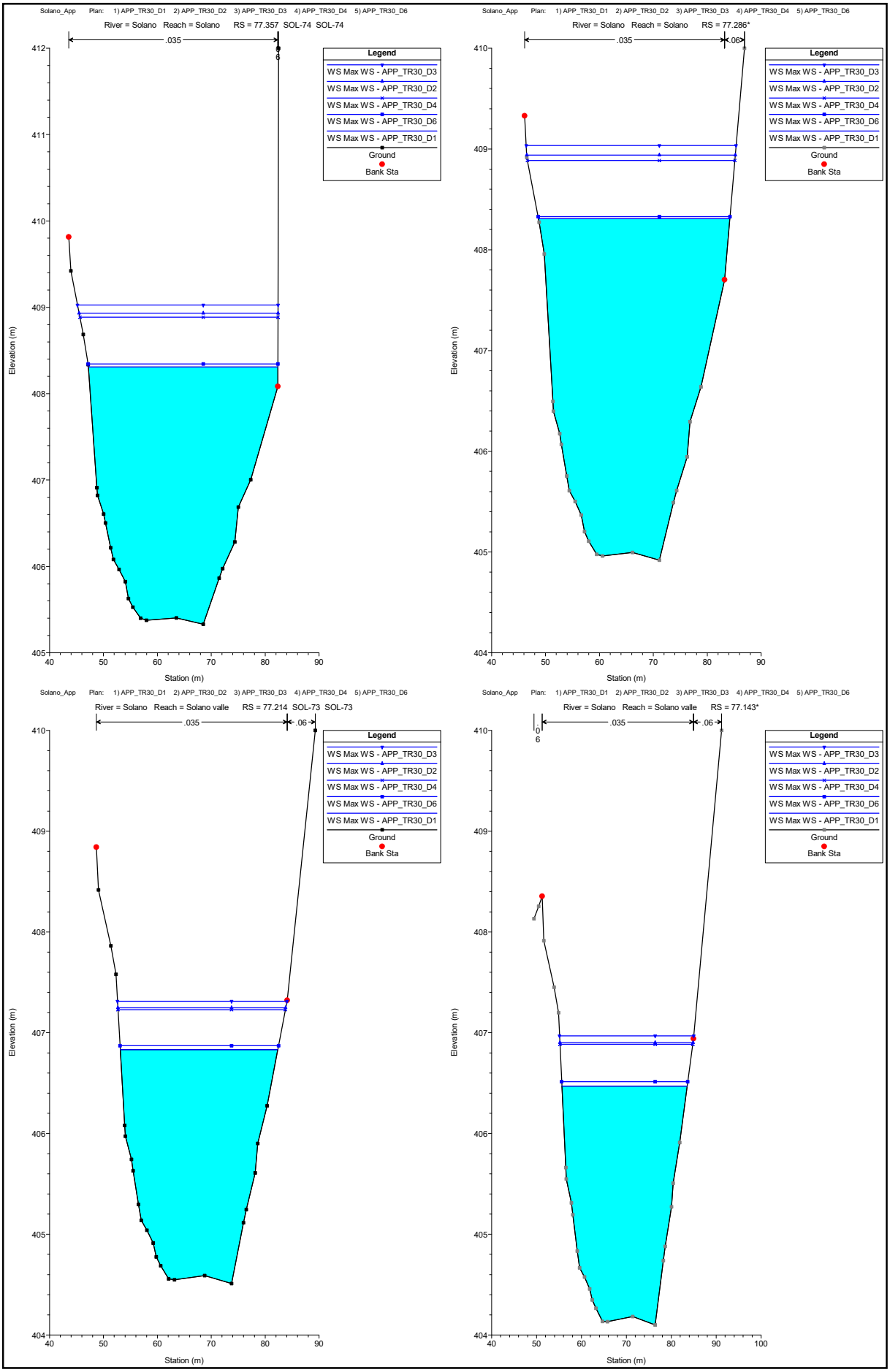

Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano RS = 79.125*
.06
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano RS = 79 SOL-76 SOL-76
.06
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano RS = 78.900*
.06
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano RS = 78.800*
.06
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)

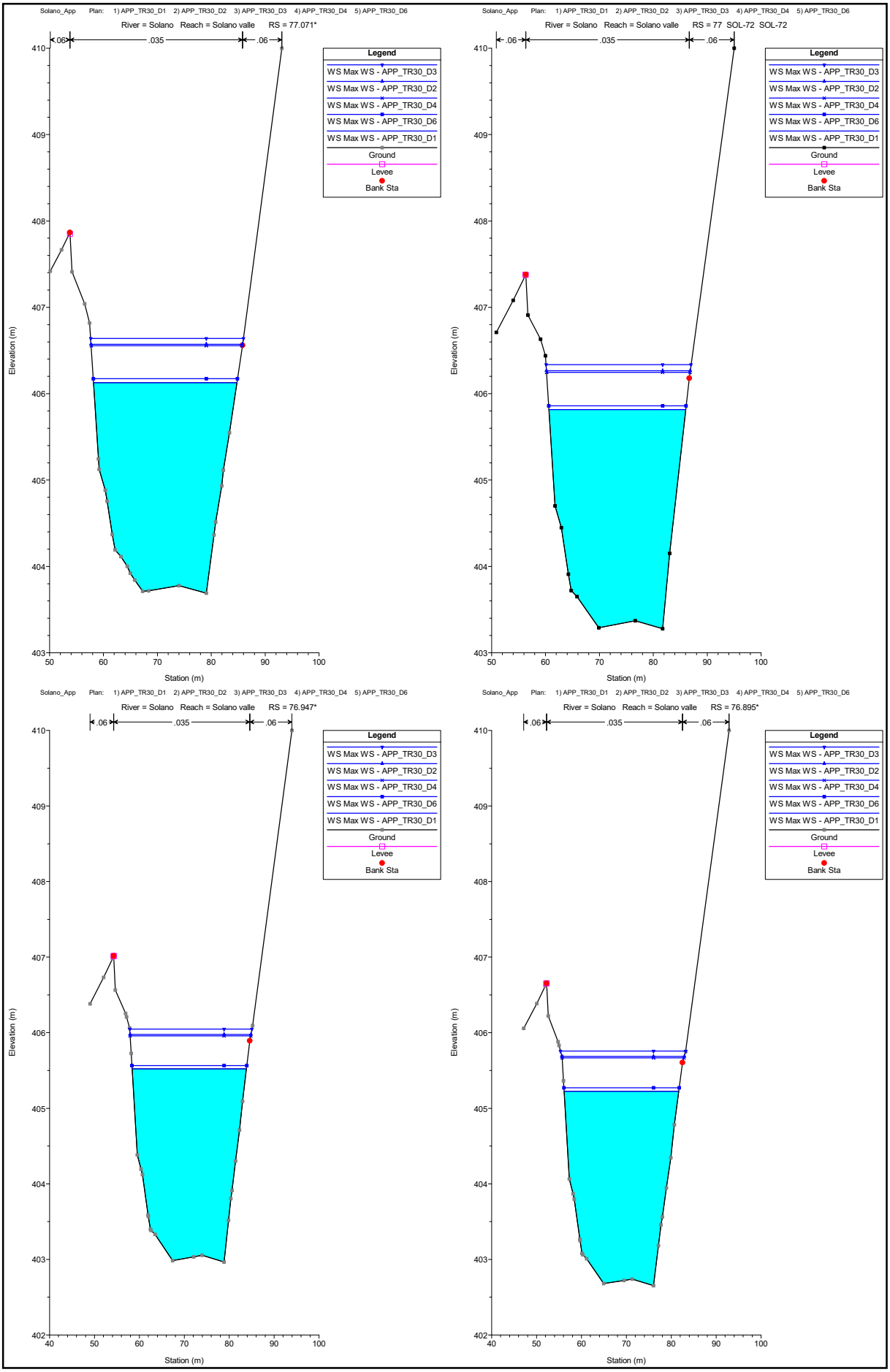

Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano RS = 78.700*
.06
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano RS = 78.600*
.06
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano RS = 78.500*
.06
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano RS = 78.400*
.06
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)

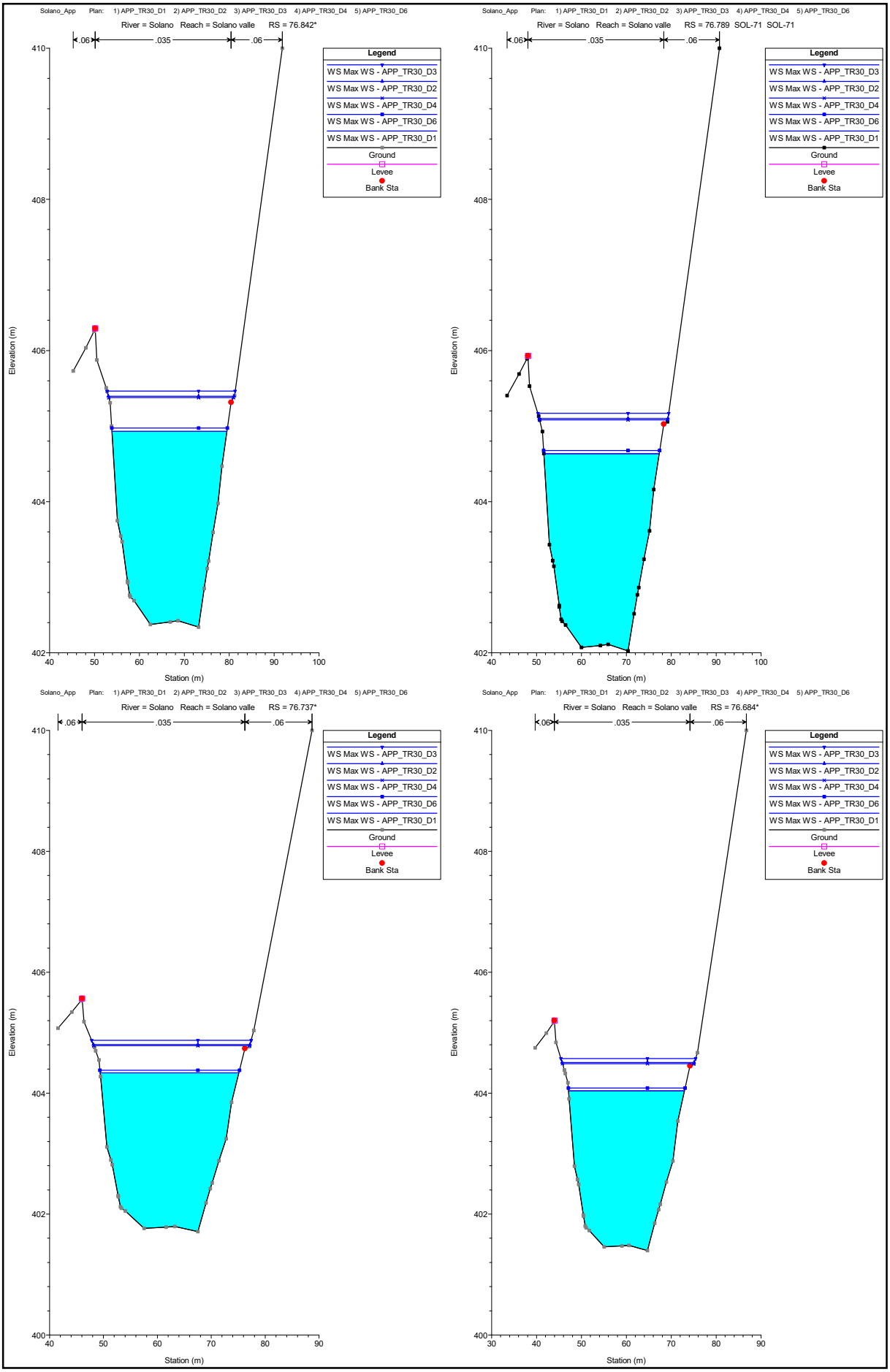

Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano RS = 78.300*
.06
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano RS = 78.200*
.06
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano RS = 78.100*
.06
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano RS = 78 SOL-75 SOL-75
.06
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)

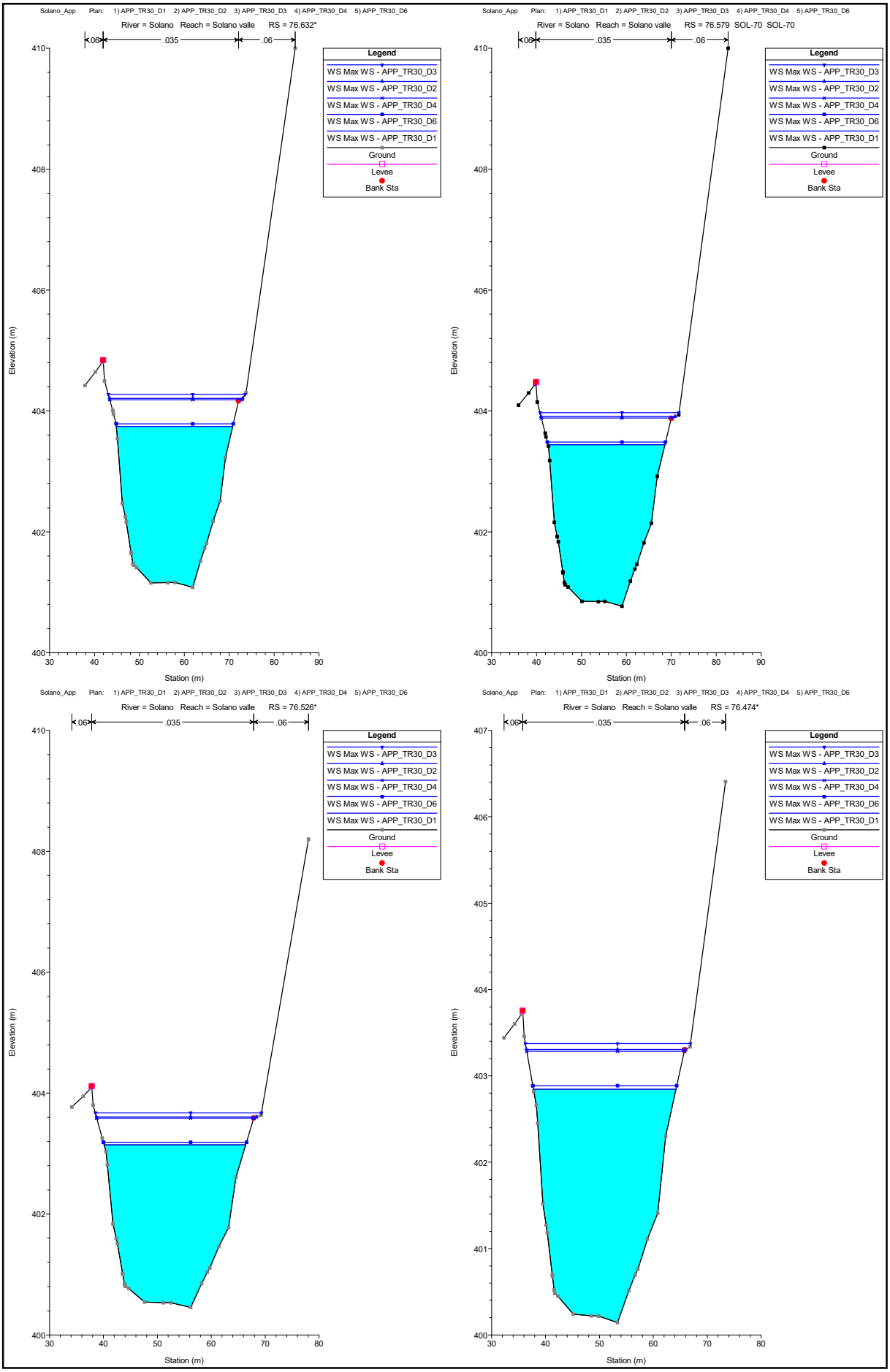

Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano RS = 77.929*
.057
.038
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano RS = 77.857*
.054
.041
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano RS = 77.786*
.052
.043
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano RS = 77.714*
.049
.046
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)

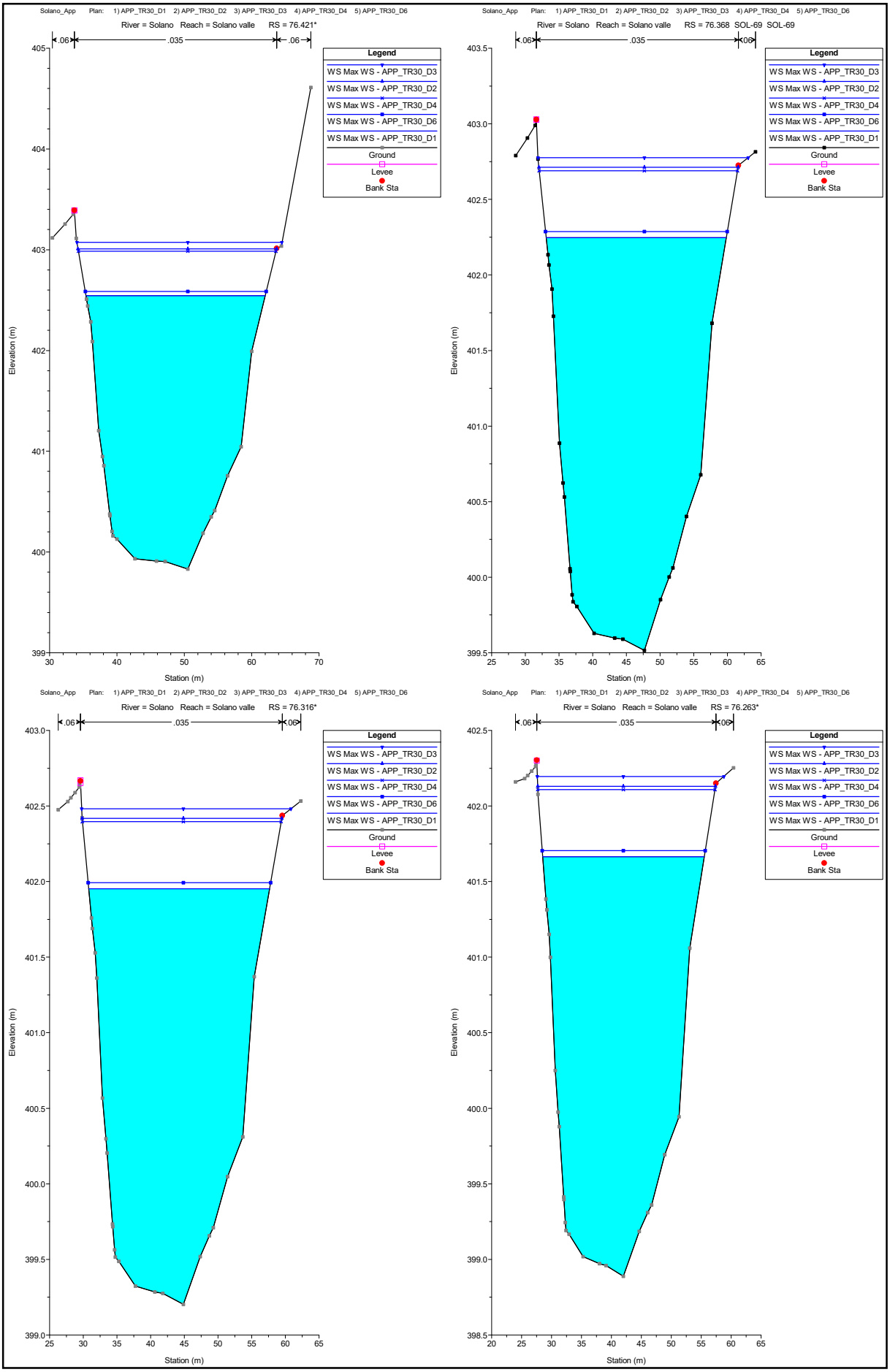

Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano RS = 77.643*
.046
.049
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano RS = 77.571*
.043
.052
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano RS = 77.500*
.054
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano RS = 77.428*
.057
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)

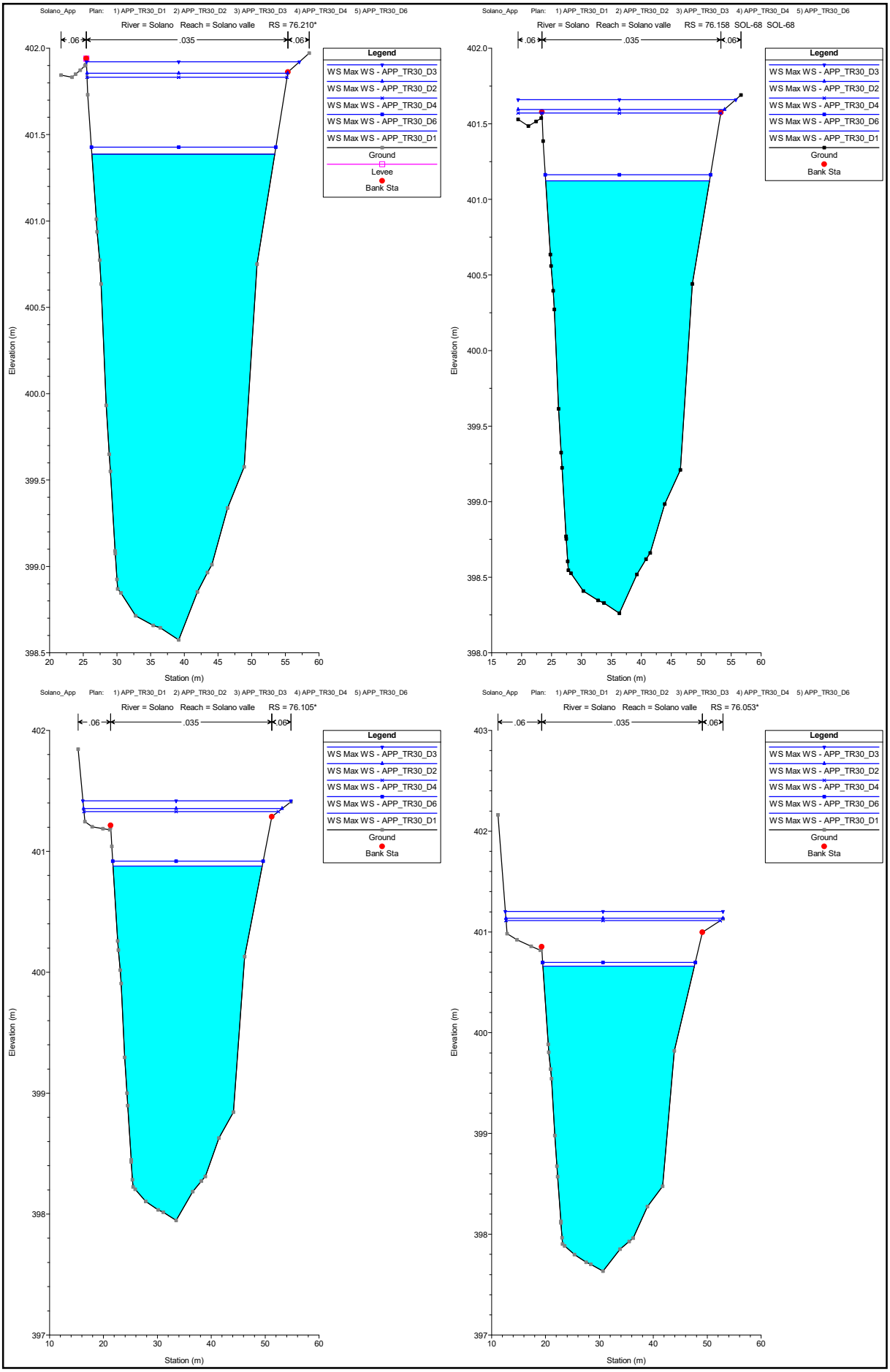

Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano RS = 77.357 SOL-74 SOL-74
.035
6
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano RS = 77.286*
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 77.214 SOL-73 SOL-73
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 77.143*
.035
.06
0
6
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)

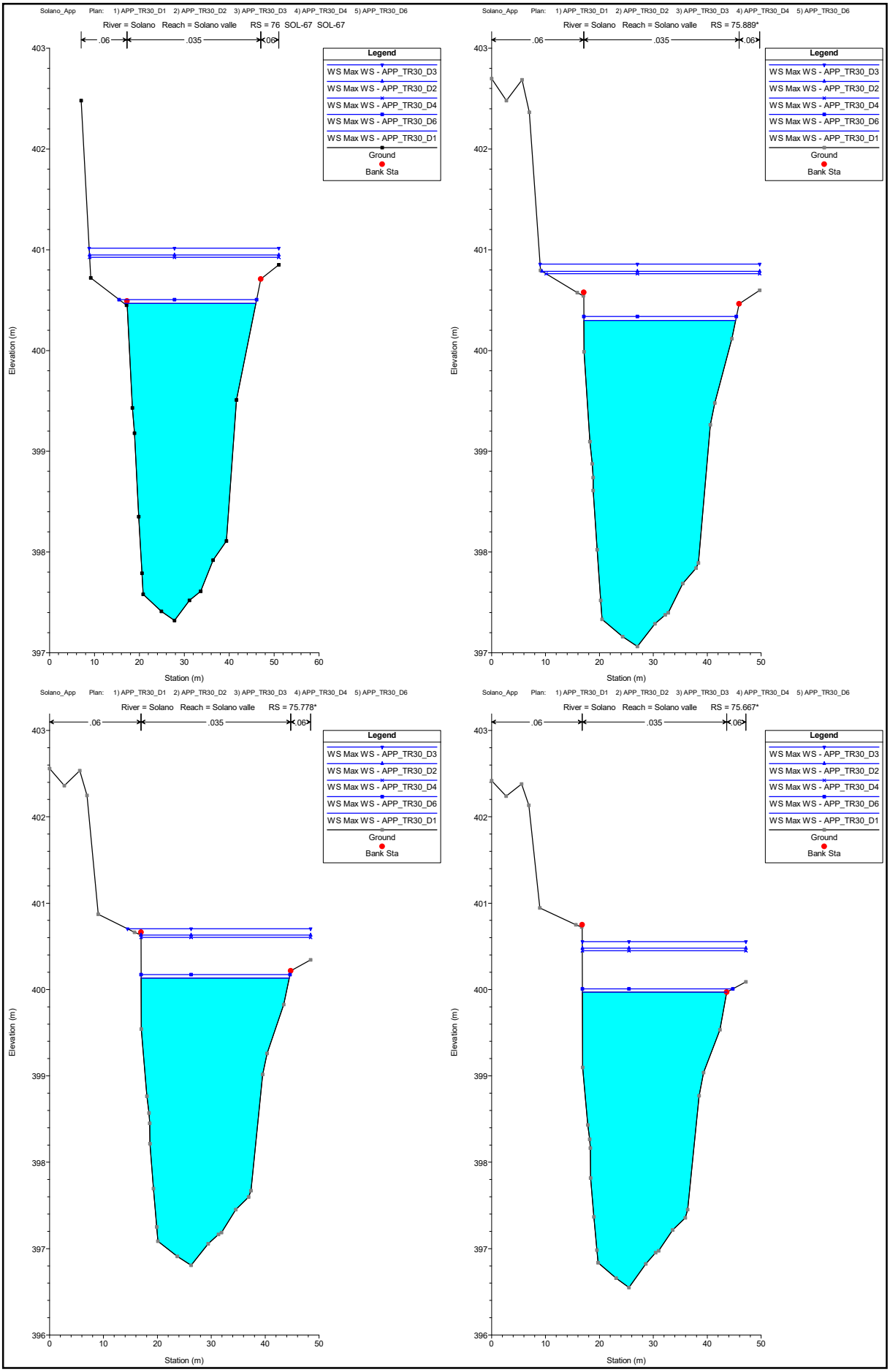

Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 77.071*
.06
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 77 SOL-72 SOL-72
.06
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 76.947*
.06
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 76.895*
.06
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Levee
Bank Sta
Elevation (m)
Station (m)

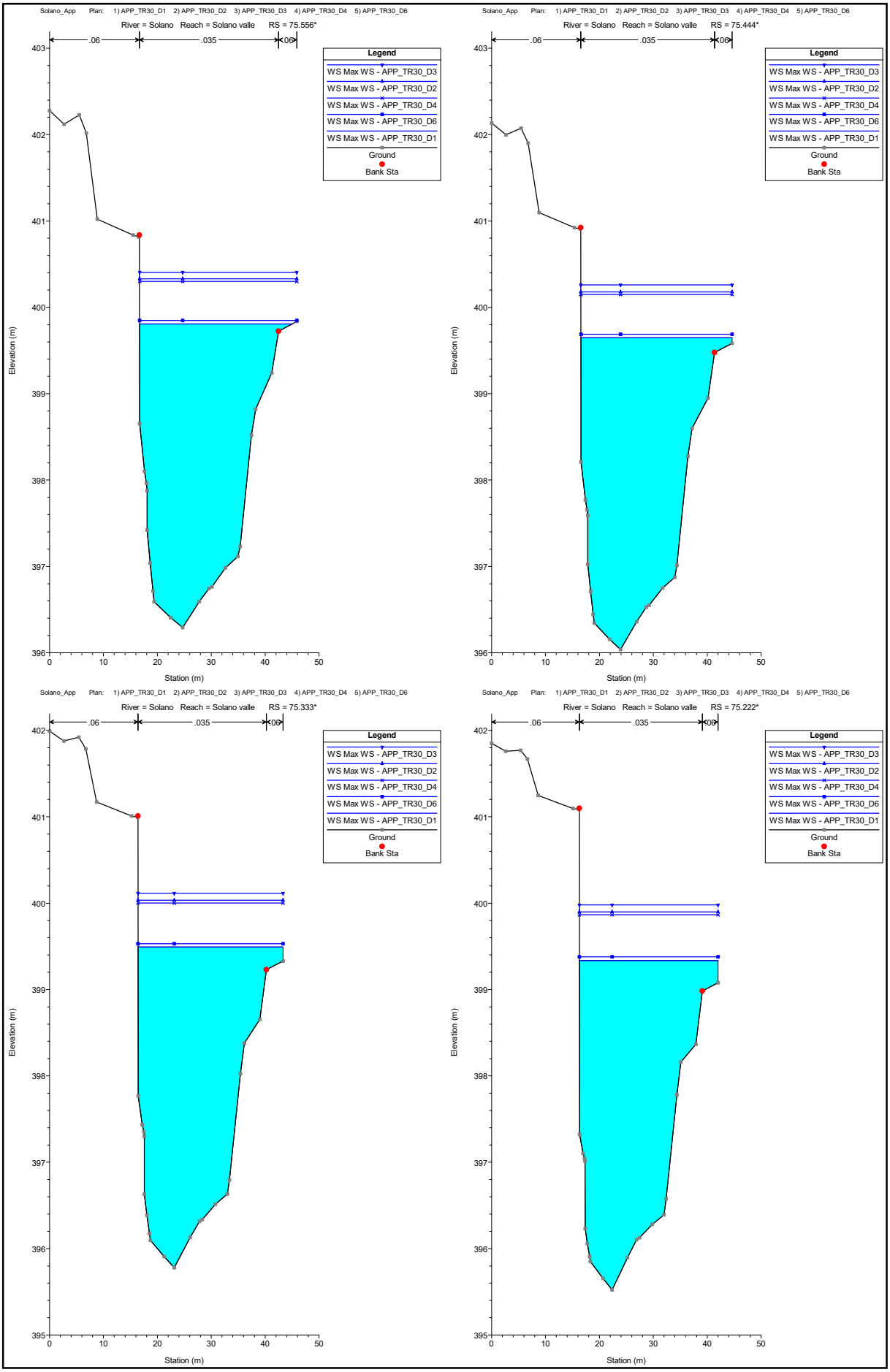

Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 76.842*
.06 .035 .06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 76.789 SOL-71 SOL-71
.06 .035 .06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 76.737*
.06 .035 .06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 76.684*
.06 .035 .06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Levee
Bank Sta
Elevation (m)
Station (m)


Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 76.632*
.06
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 76.579 SOL-70 SOL-70
.06
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 76.526*
.06
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 76.474*
.06
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Levee
Bank Sta
Elevation (m)
Station (m)


Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 76.421*
.06
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 76.368 SOL-69 SOL-69
.06
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 76.316*
.06
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 76.263*
.06
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Levee
Bank Sta
Elevation (m)
Station (m)


Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 76.210*
.06
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 76.158 SOL-68 SOL-68
.06
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 76.105*
.06
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 76.053*
.06
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)


Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 76 SOL-67 SOL-67
.06
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 75.889*
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 75.778*
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 75.667*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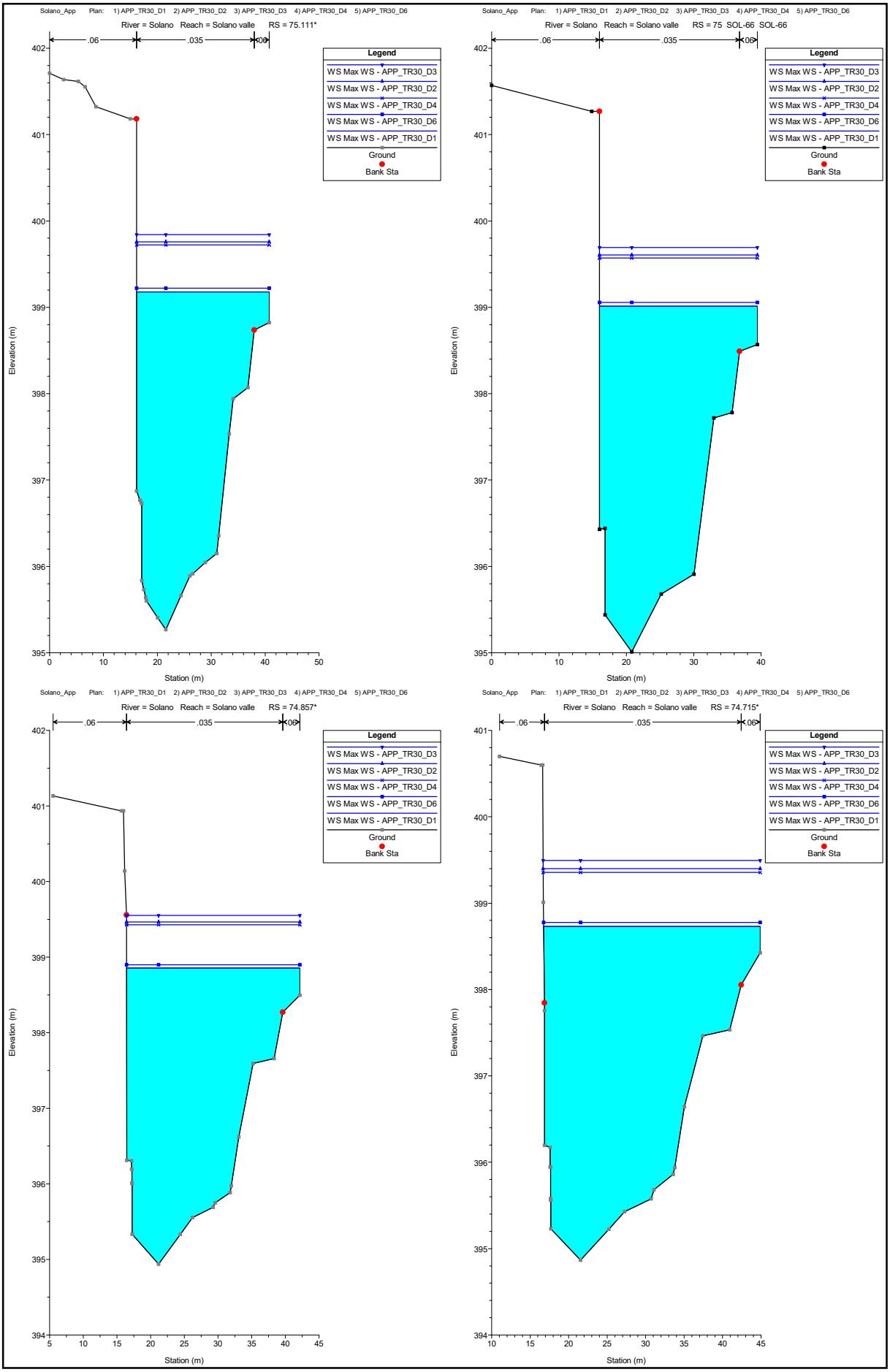
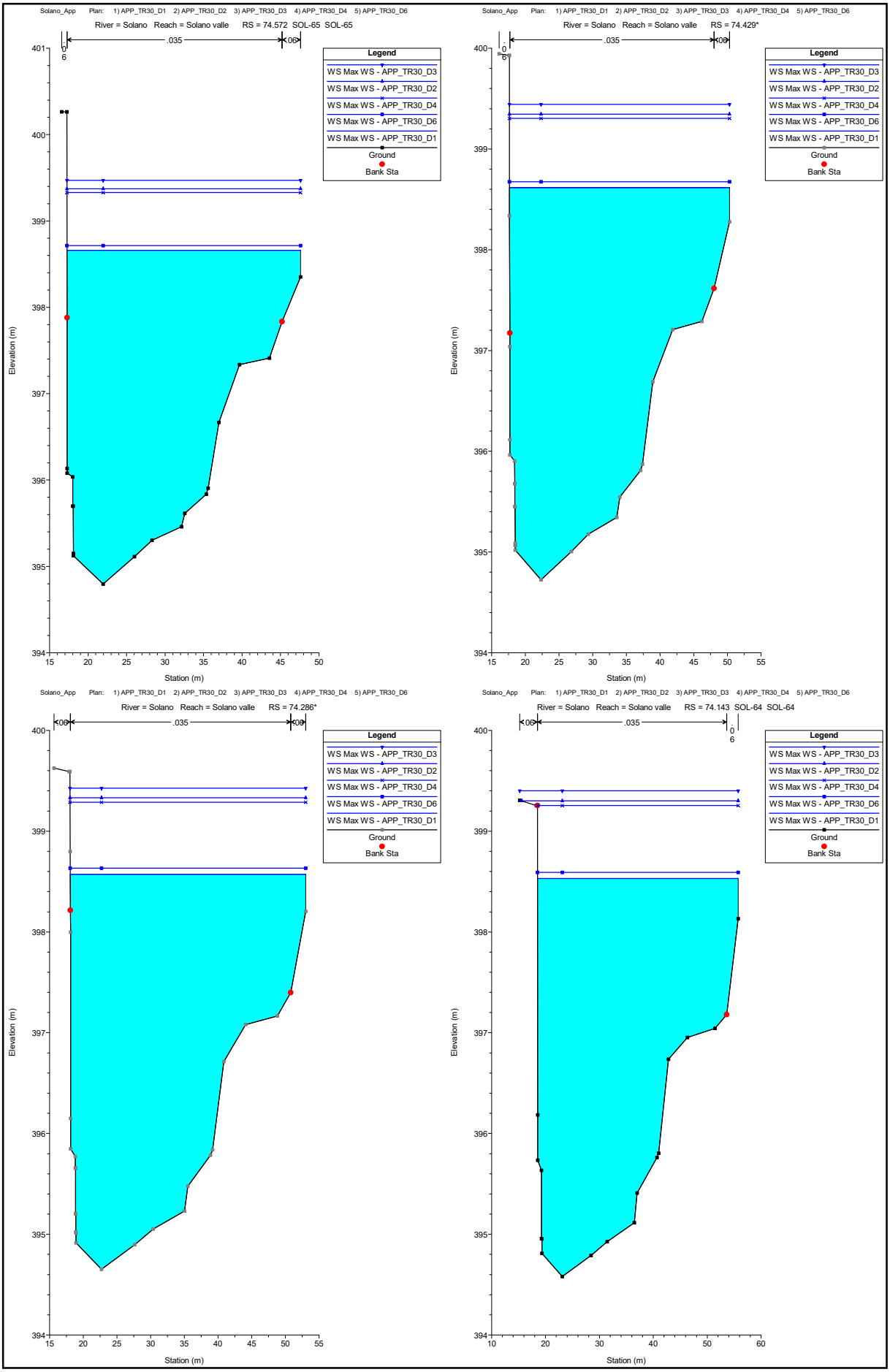
River = Solano Reach = Solano valle RS = 75.556*
.06
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 75.444*
.06
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 75.333*
.06
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 75.222*
.06
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)


Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 75.111*
.06
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 75 SOL-66 SOL-66
.06
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 74.857*
.06
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 74.715*
.06
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)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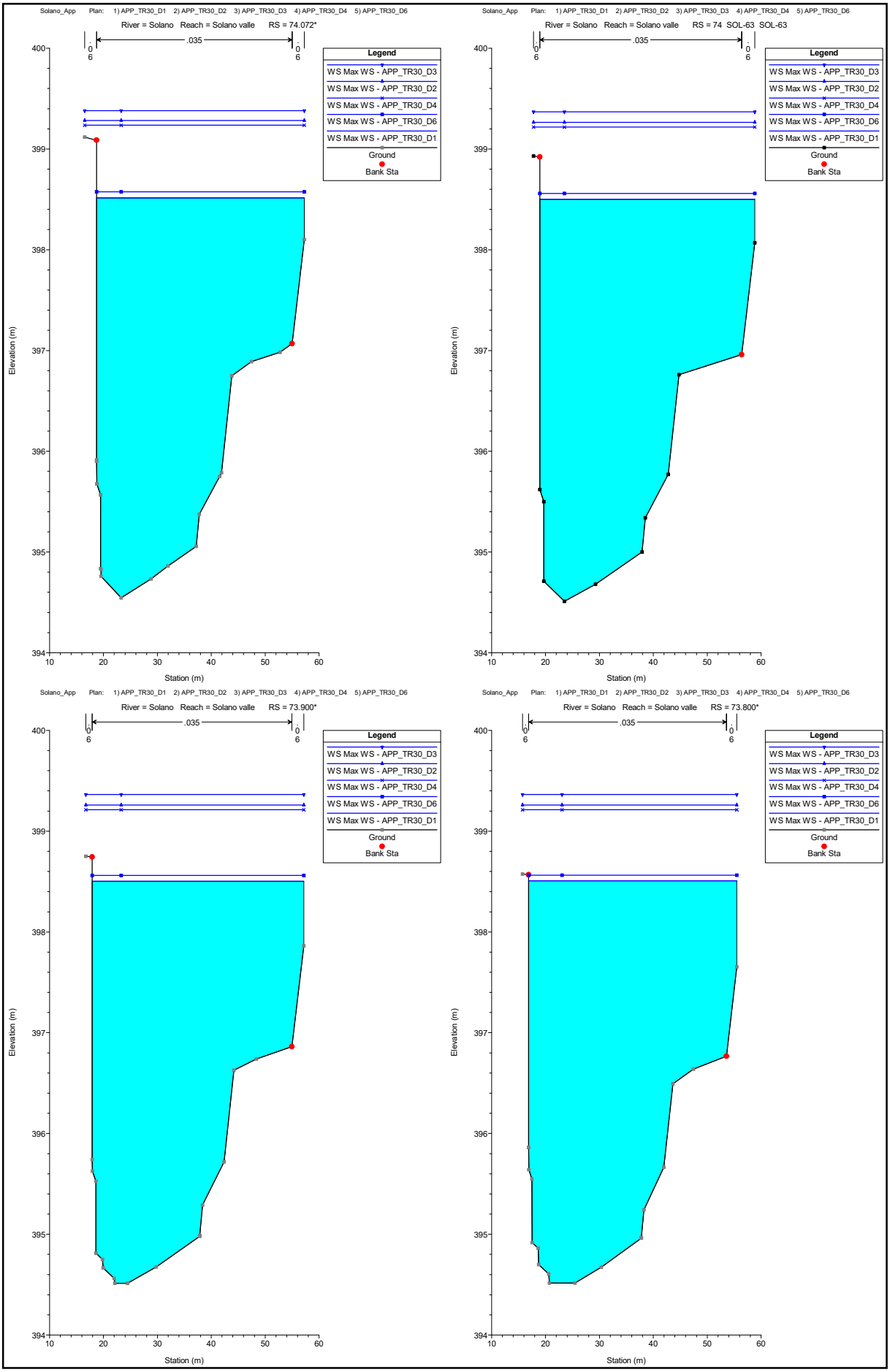
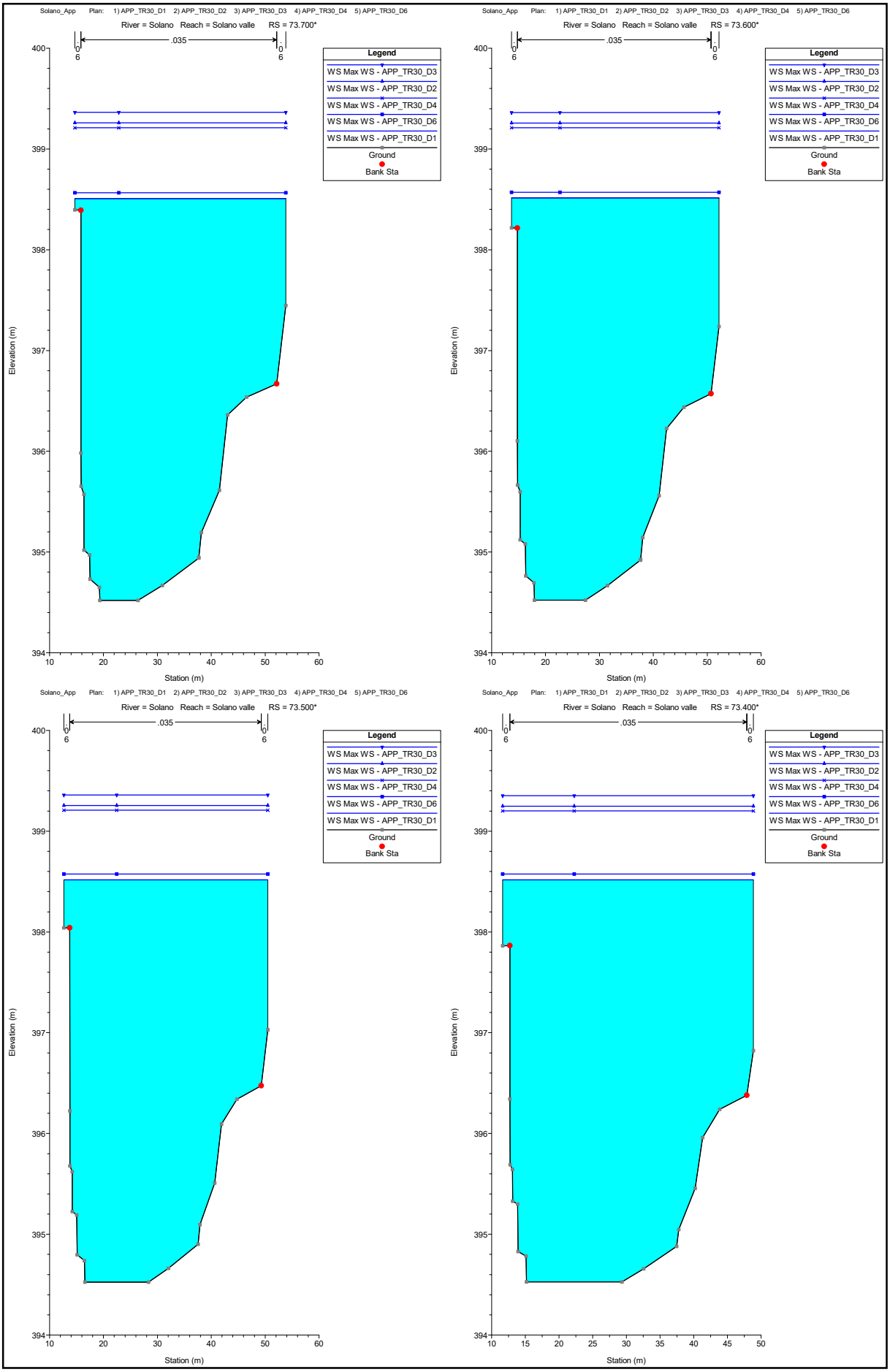
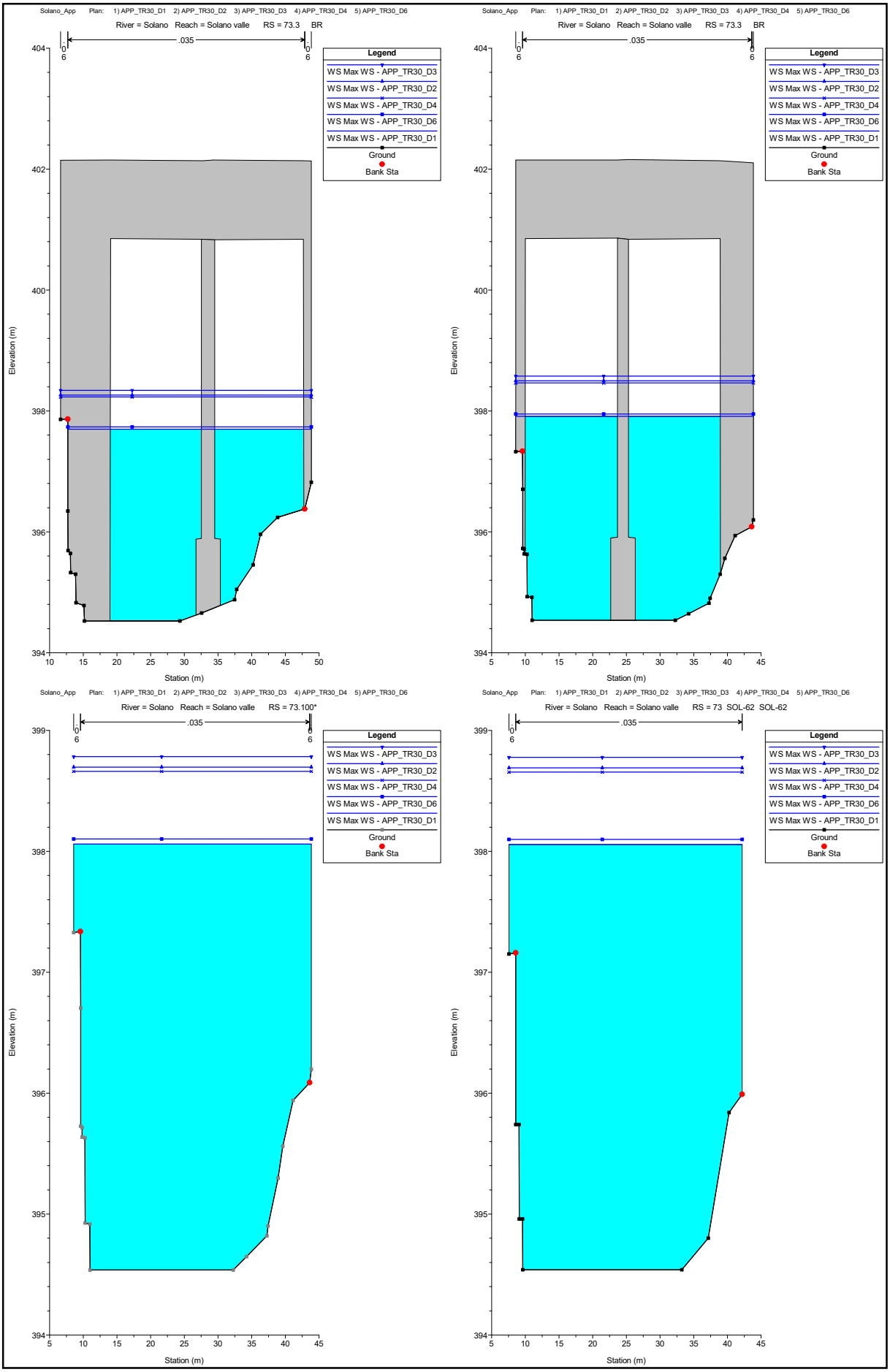
River = Solano Reach = Solano valle RS = 74.572 SOL-65 SOL-65
.035
.06
.06
0
6
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 74.429*
.035
.06
.06
0
6
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 74.286*
.06
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 74.143 SOL-64 SOL-64
.06
.035
0
6
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)


Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 74.072*
.035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 74 SOL-63 SOL-63
.035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 73.900*
.035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 73.800*
.035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)


Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 73.700*
.035
0
6
0
6
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 73.600*
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 73.500*
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 73.400*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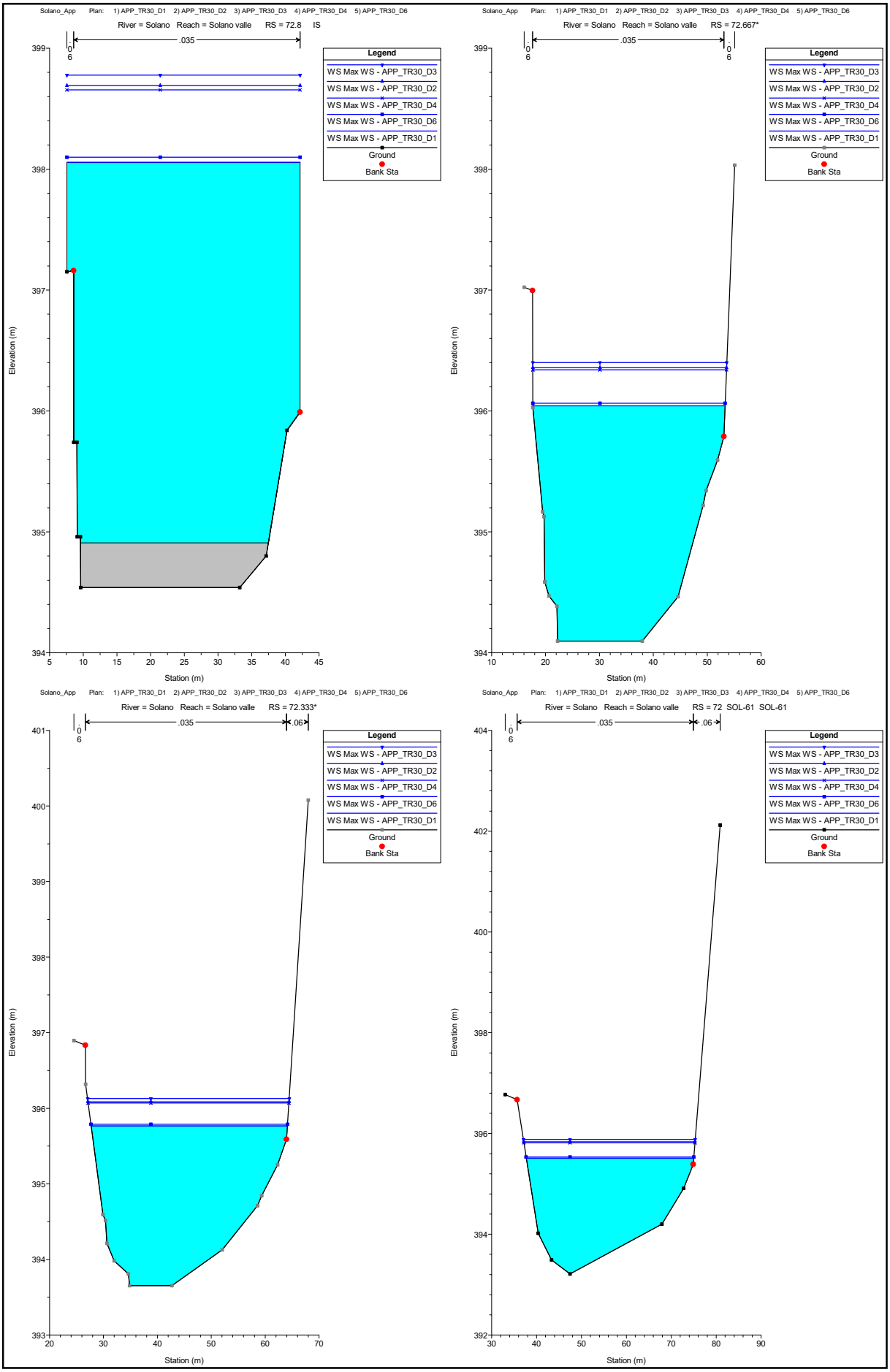
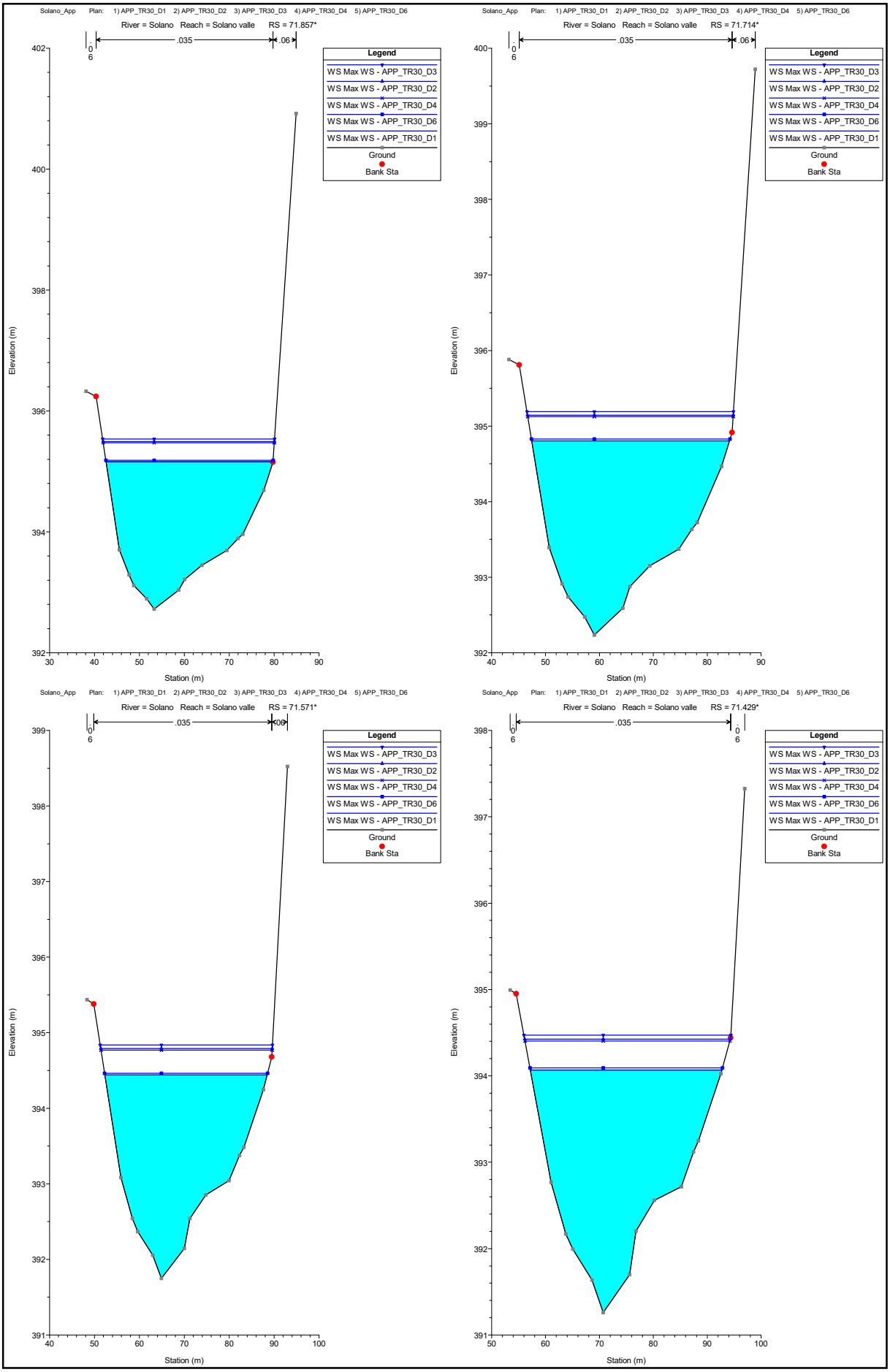
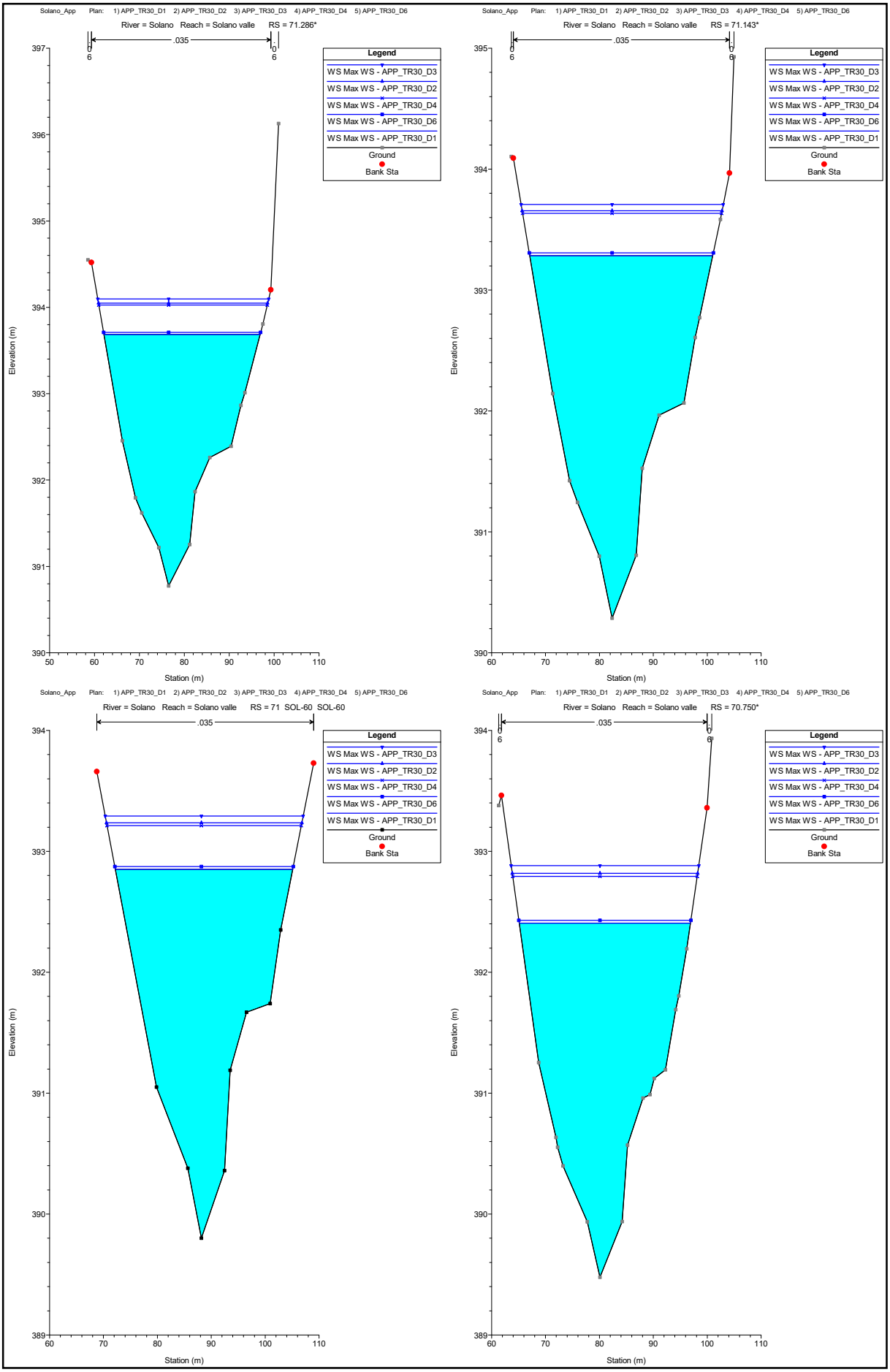
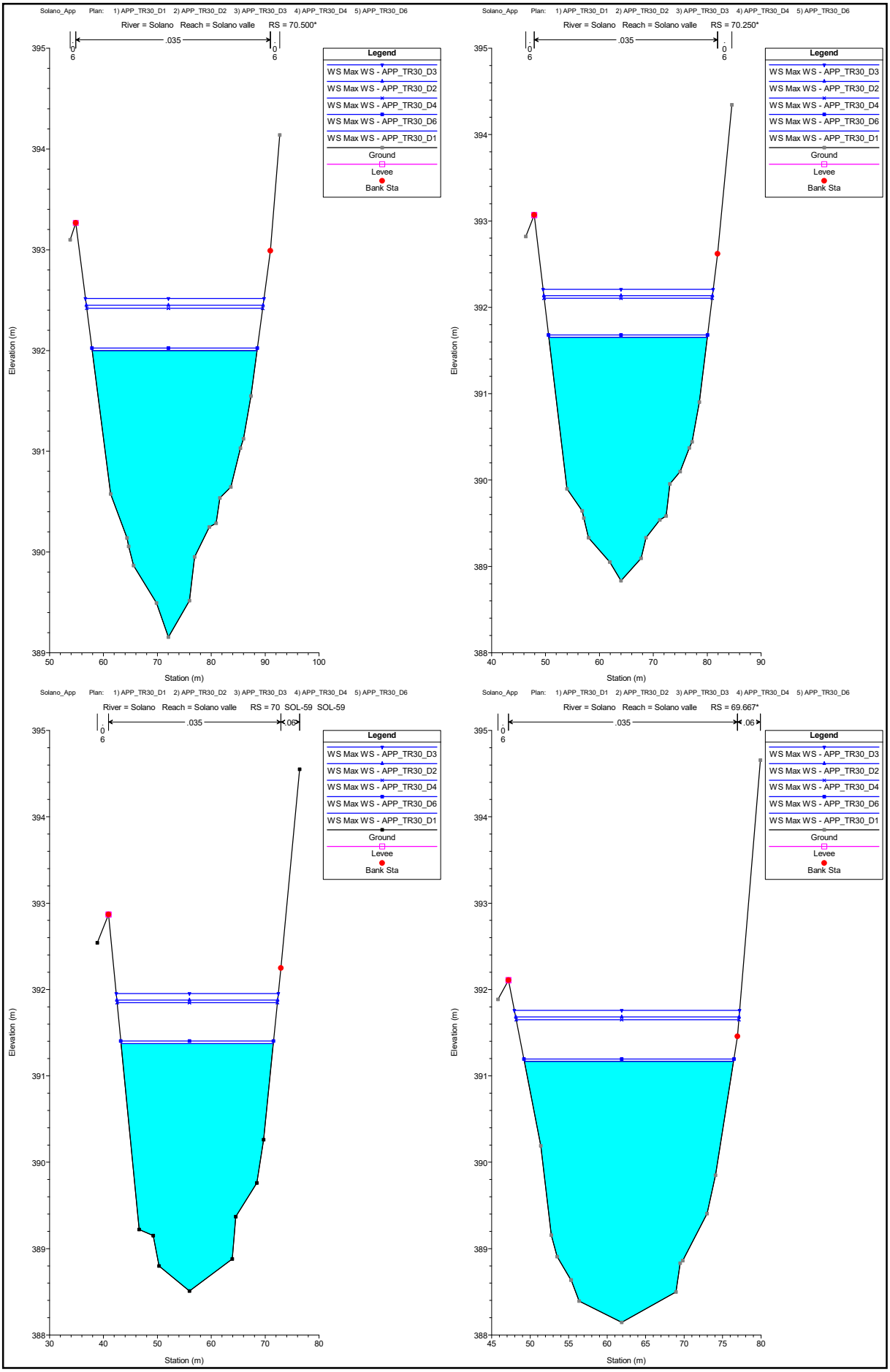
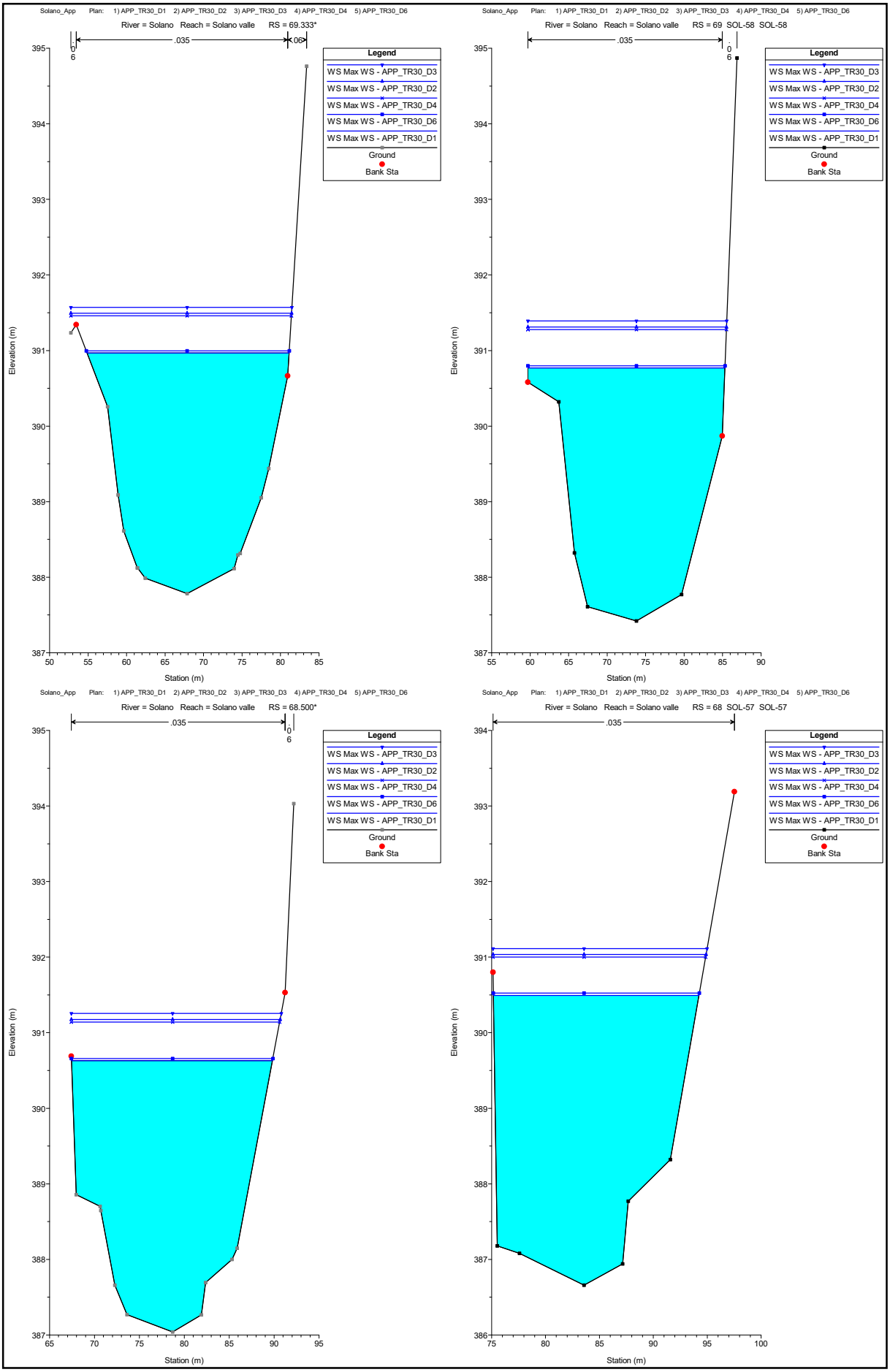
River = Solano Reach = Solano valle RS = 73.3 BR
.035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 73.3 BR
.035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 73.100*
.035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 73 SOL-62 SOL-62
.035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)

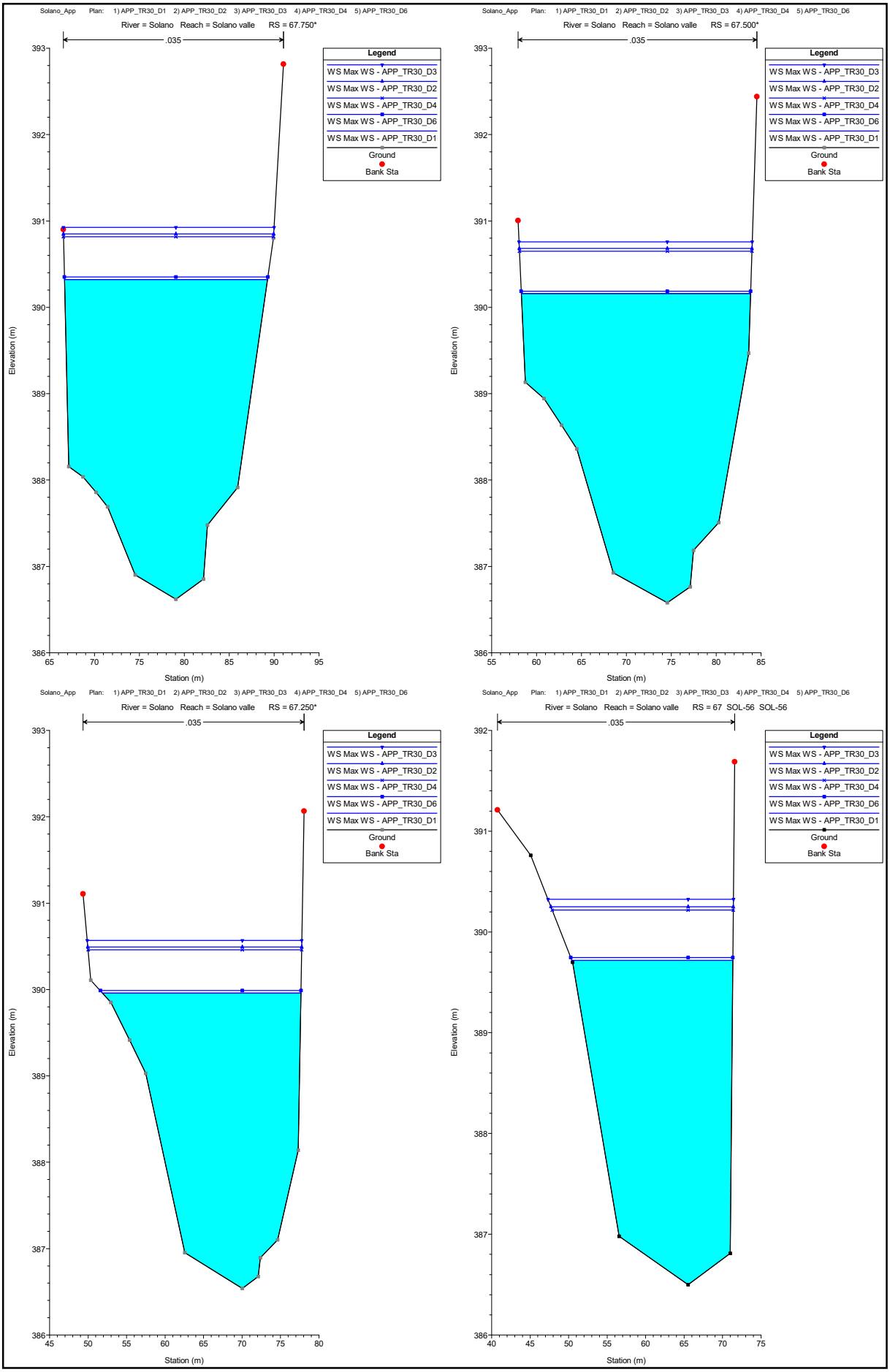

Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 72.8 IS
.035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 72.667*
.035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 72.333*
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 72 SOL-61 SOL-61
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)

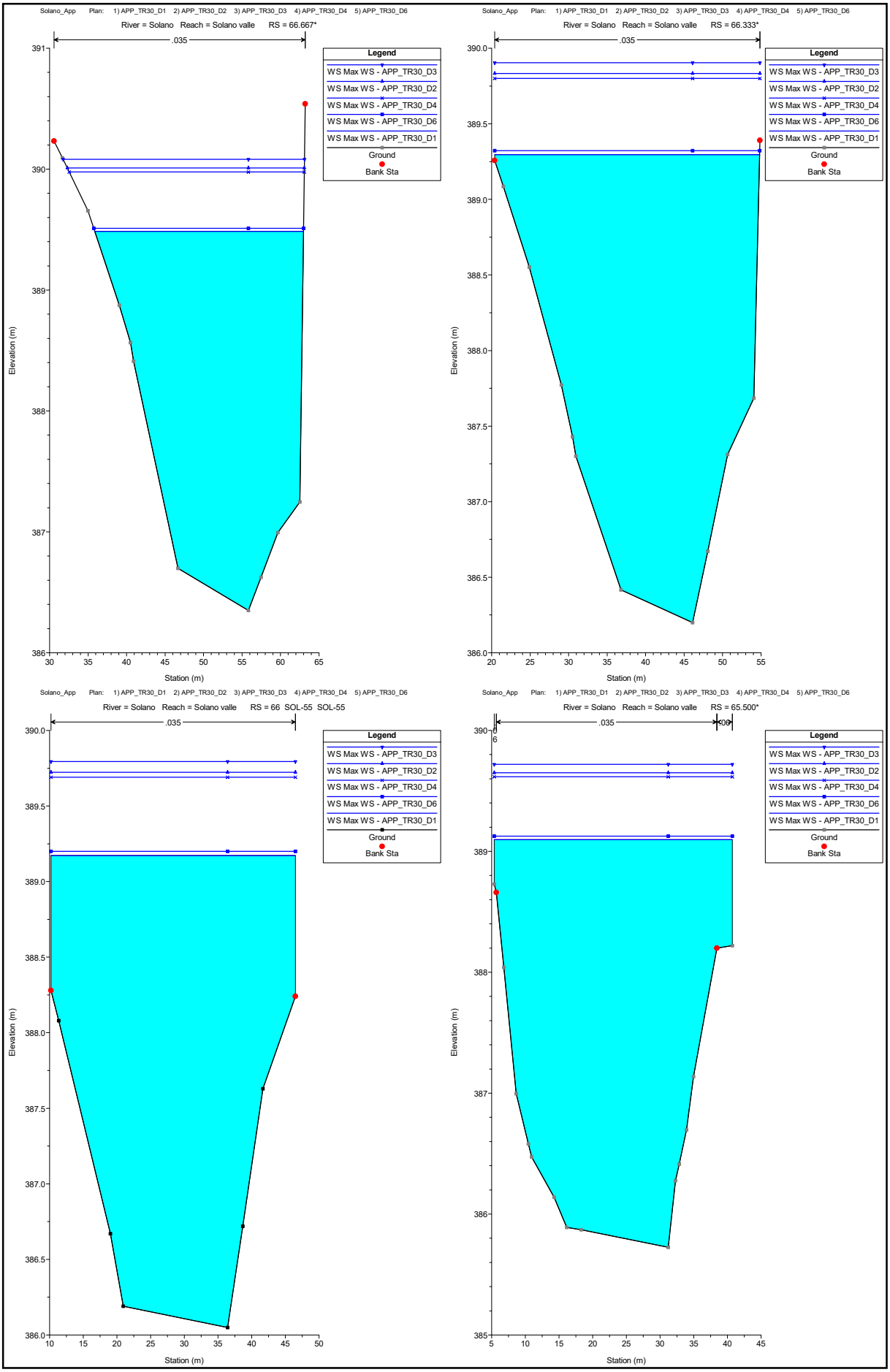

Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 71.857*
.035
.06
0
6
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 71.714*
.035
.06
0
6
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 71.571*
.035
.09
0
6
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 71.429*
.035
0
6
0
6
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)

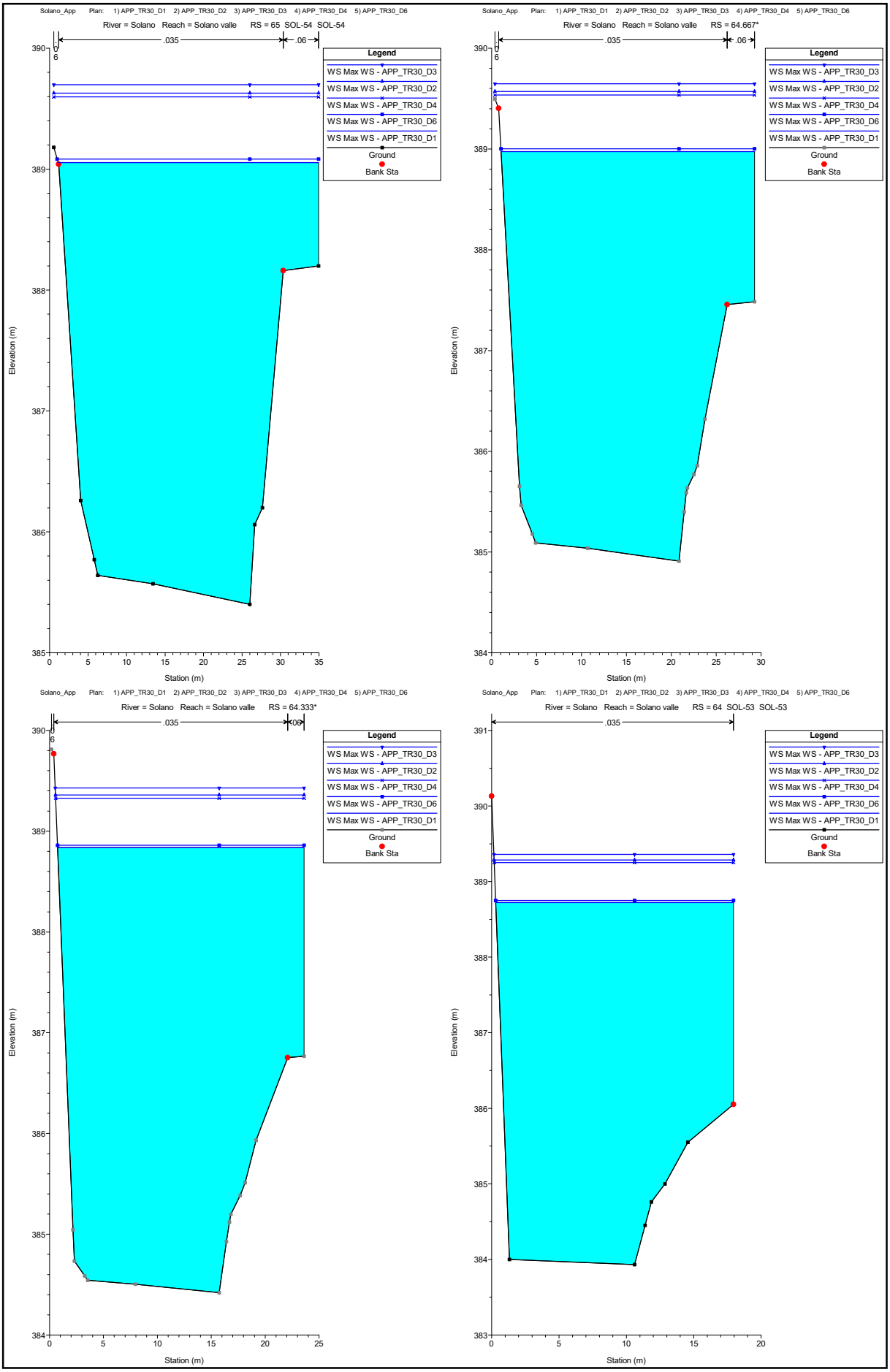

Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 71.286*
.035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 71.143*
.035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 71 SOL-60 SOL-60
.035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 70.750*
.035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)

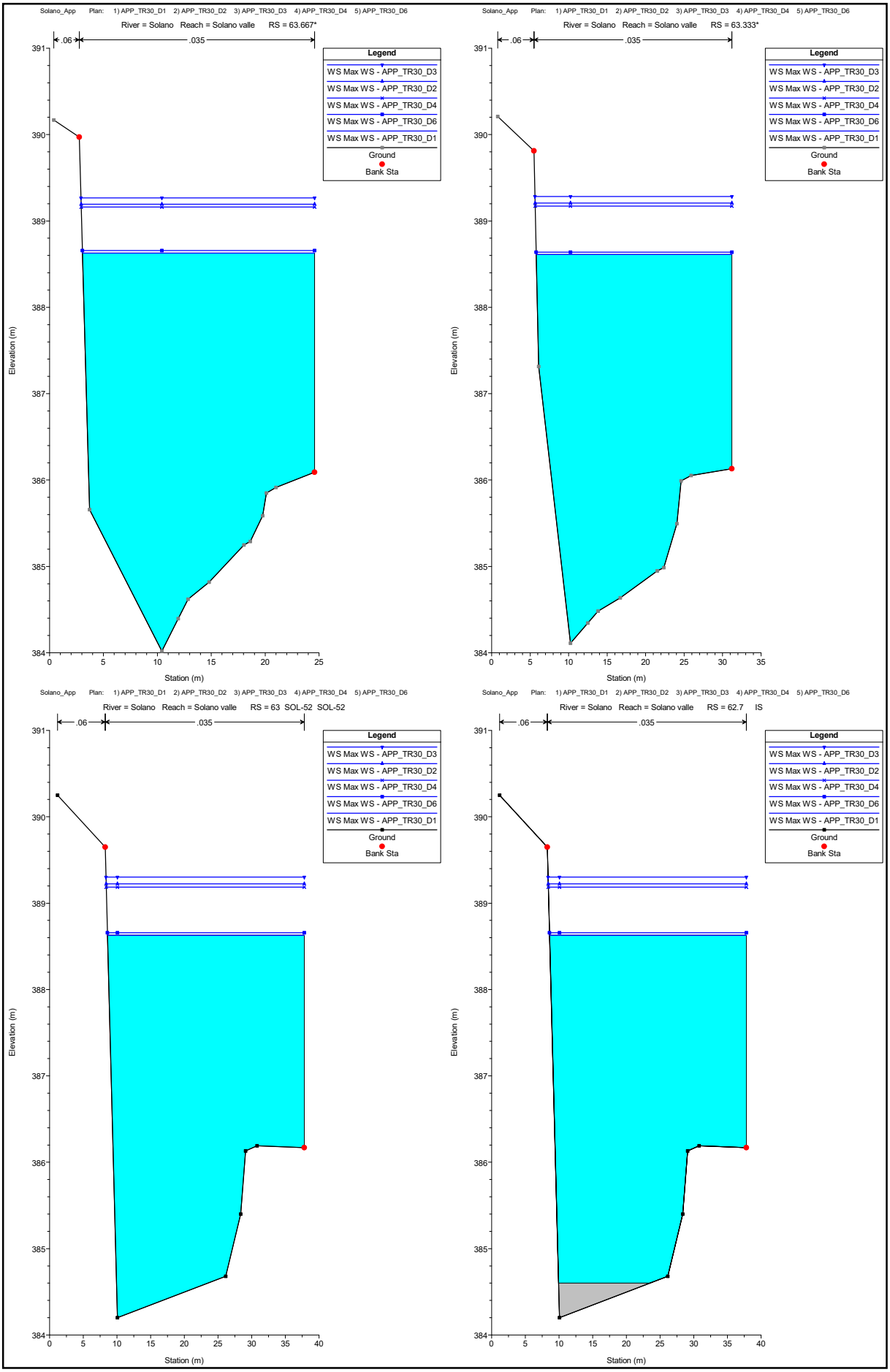

Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 70.500*
.035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 70.250*
.035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 70 SOL-59 SOL-59
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 69.667*
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Levee
Bank Sta
Elevation (m)
Station (m)

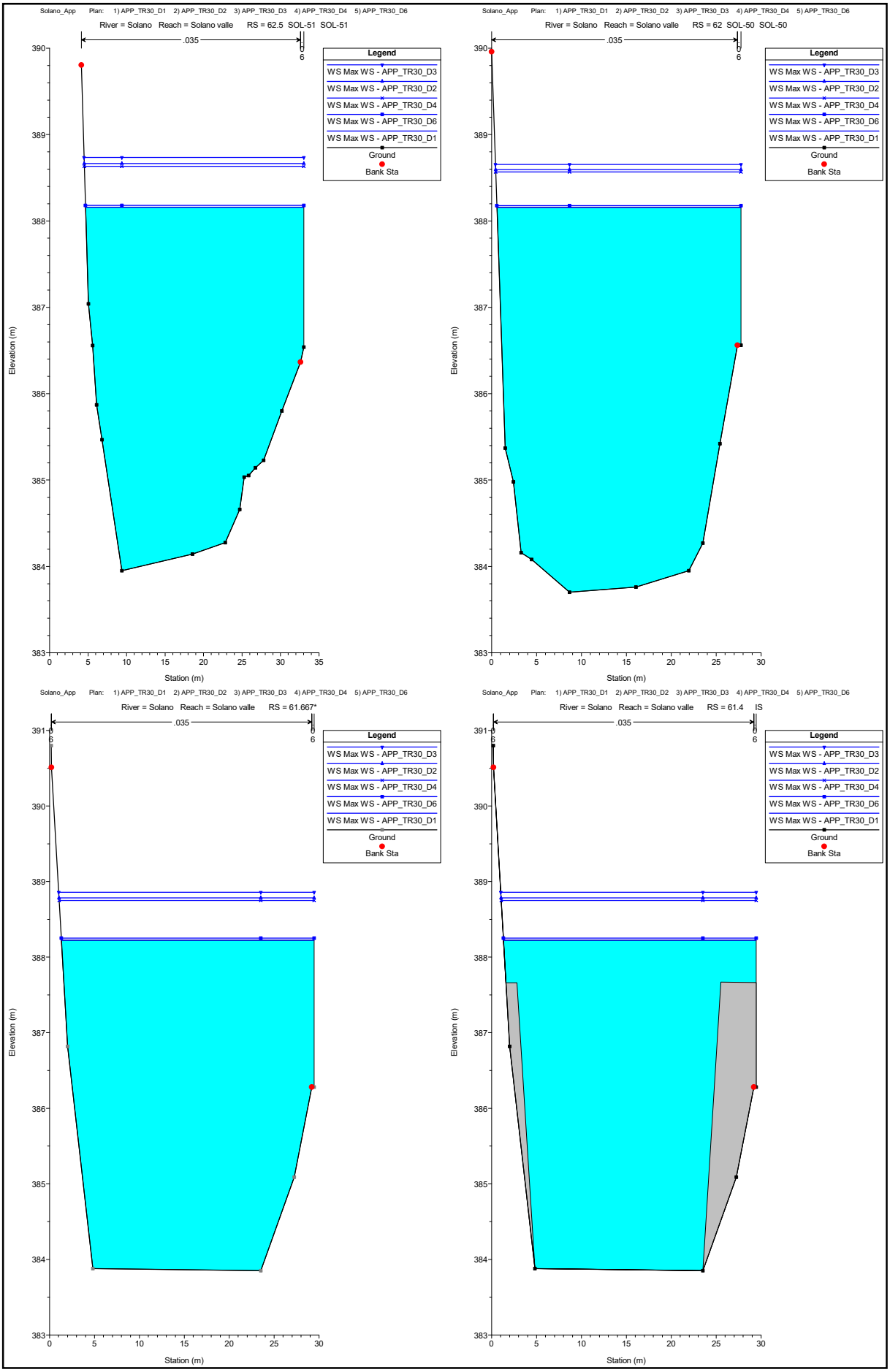

Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 69.333*
.035
.06
0
6
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 69 SOL-58 SOL-58
.035
0
6
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 68.500*
.035
0
6
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 68 SOL-57 SOL-57
.035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)


Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 67.750*
.035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 67.500*
.035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 67.250*
.035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 67 SOL-56 SOL-56
.035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)


Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 66.667*
.035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 66.333*
.035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 66 SOL-55 SOL-55
.035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 65.500*
.035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)


Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 65 SOL-54 SOL-54
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 64.667*
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 64.333*
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 64 SOL-53 SOL-53
.035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)


Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 63.667*
.06
.035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 63.333*
.06
.035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 63 SOL-52 SOL-52
.06
.035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 62.7 IS
.06
.035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)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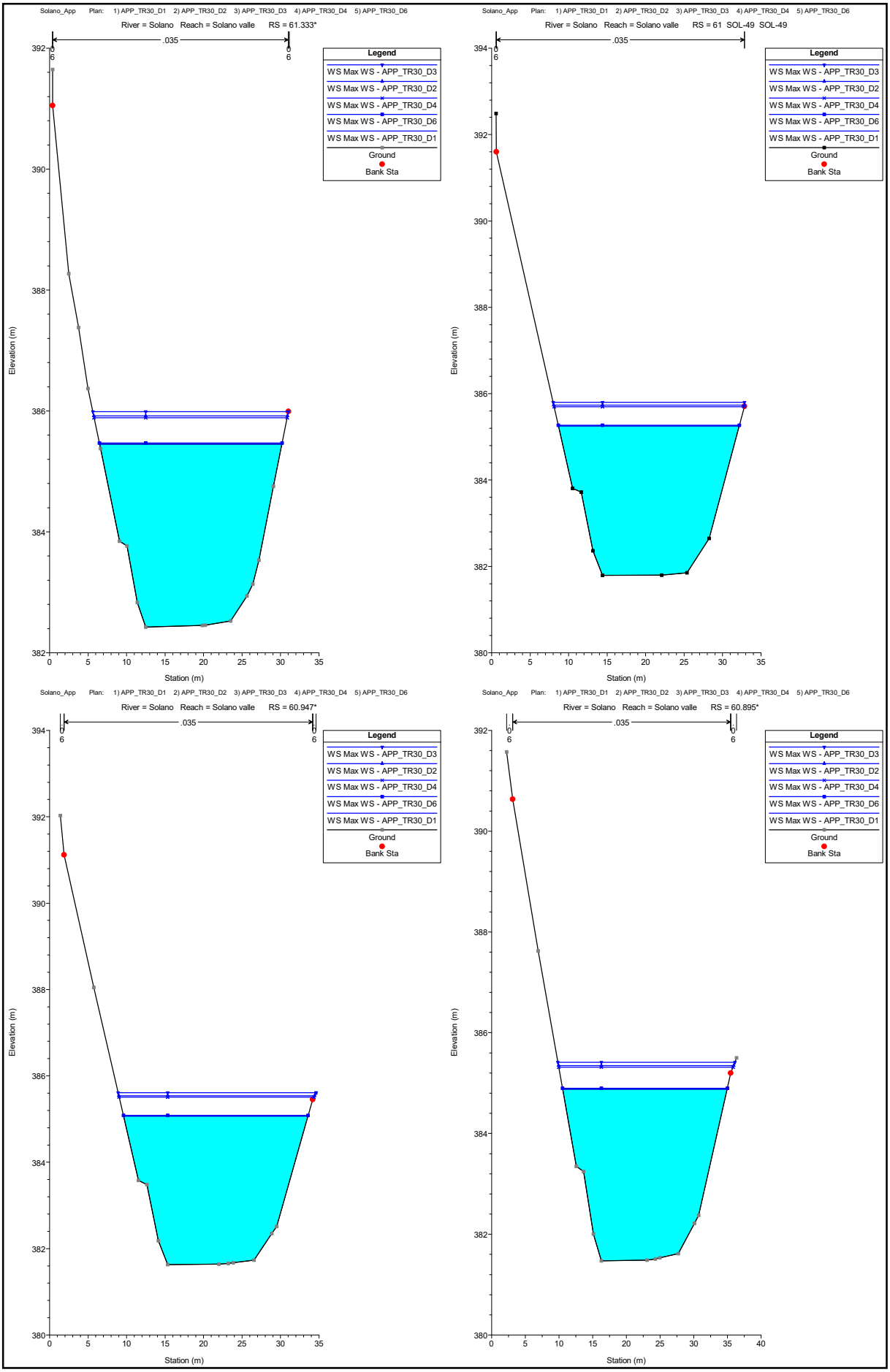
River = Solano Reach = Solano valle RS = 62.5 SOL-51 SOL-51
.035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 62 SOL-50 SOL-50
.035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 61.667*
.035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 61.4 IS
.035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)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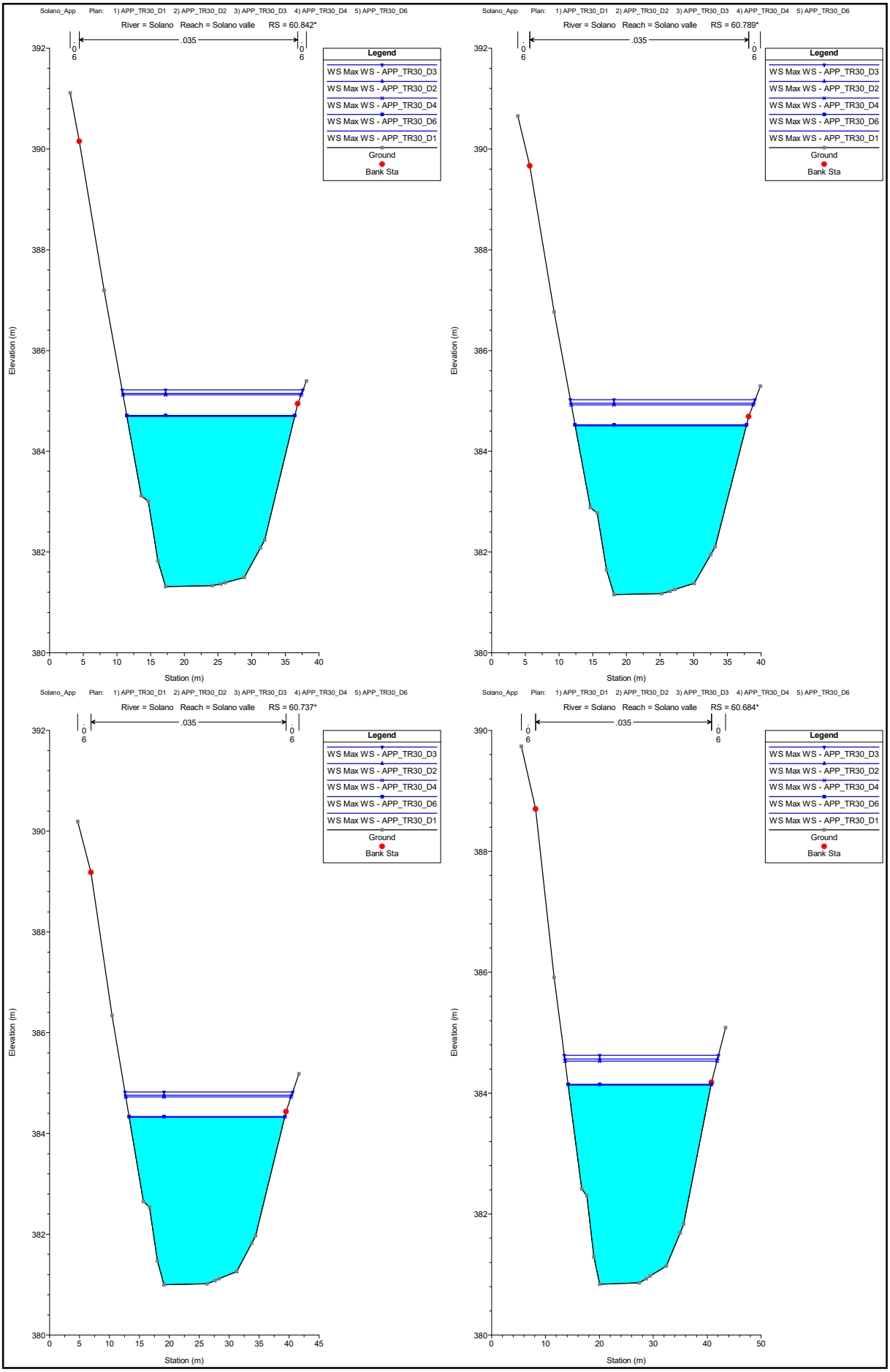
River = Solano Reach = Solano valle RS = 61.333*
.035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 61 SOL-49 SOL-49
.035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 60.947*
.035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 60.895*
.035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)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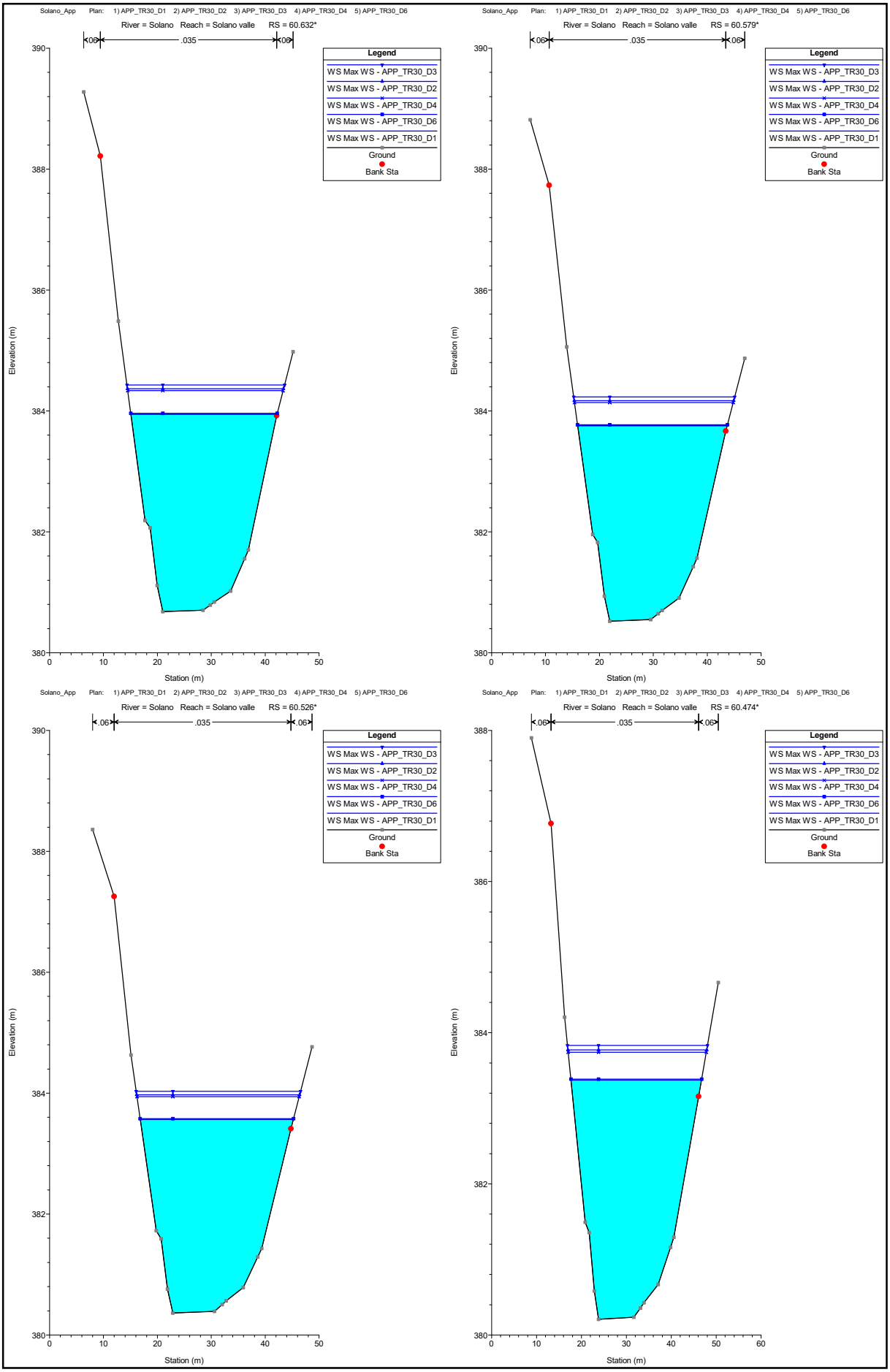
River = Solano Reach = Solano valle RS = 60.842*
.035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 60.789*
.035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 60.737*
.035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 60.684*
.035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)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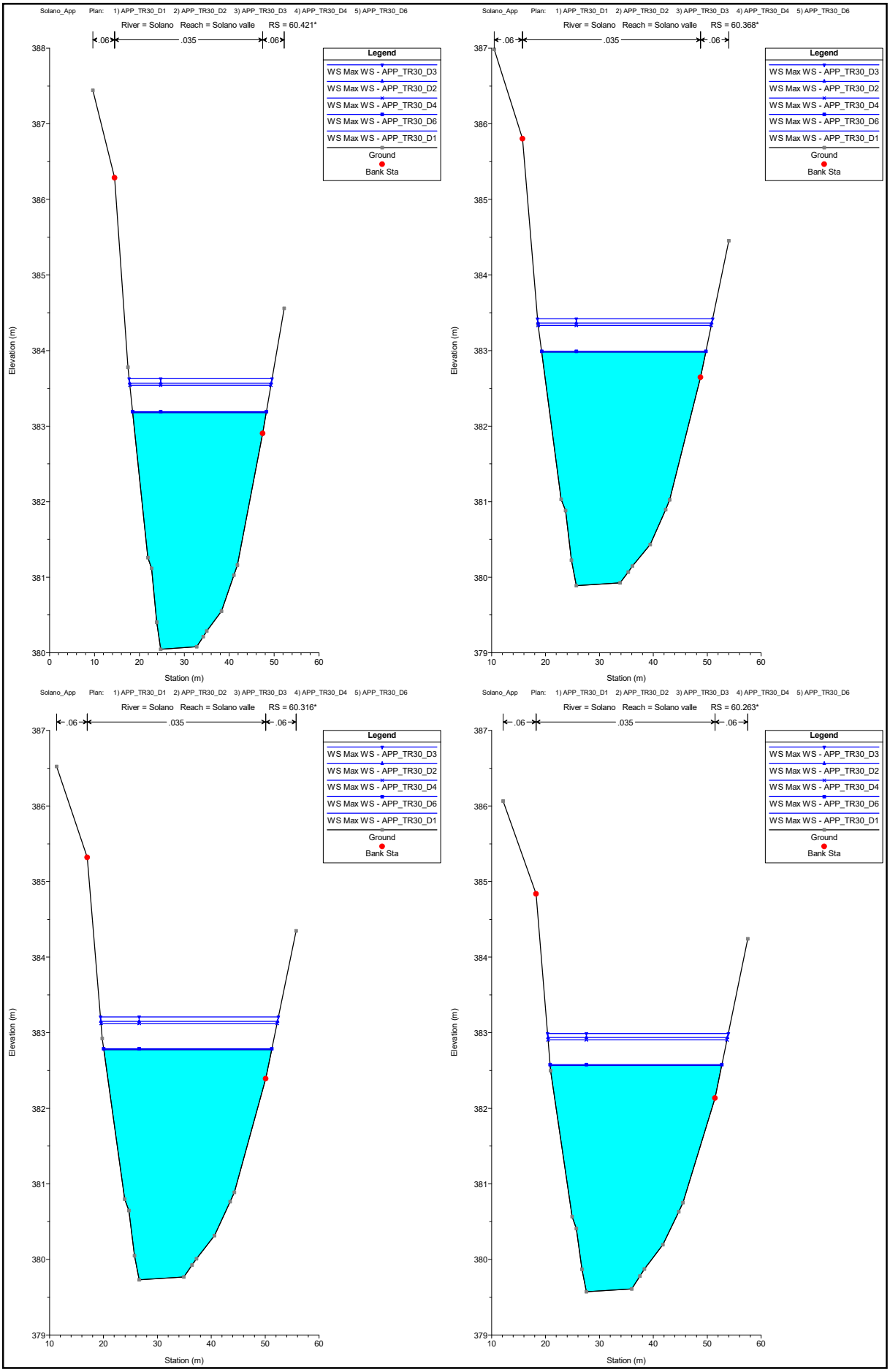
River = Solano Reach = Solano valle RS = 60.632*
.06
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 60.579*
.06
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 60.526*
.06
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 60.474*
.06
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)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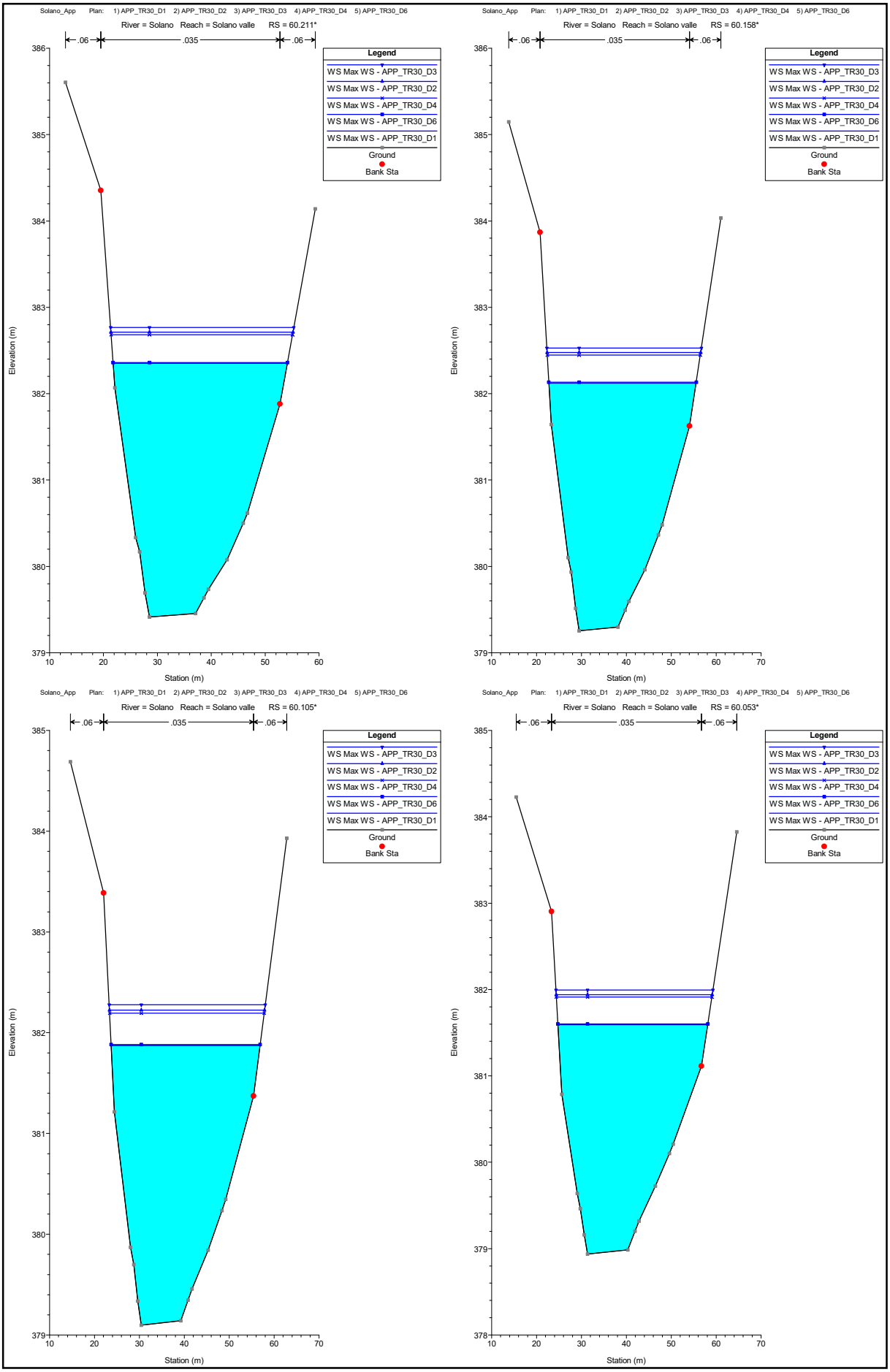
River = Solano Reach = Solano valle RS = 60.421*
.06
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 60.368*
.06
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 60.316*
.06
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 60.263*
.06
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)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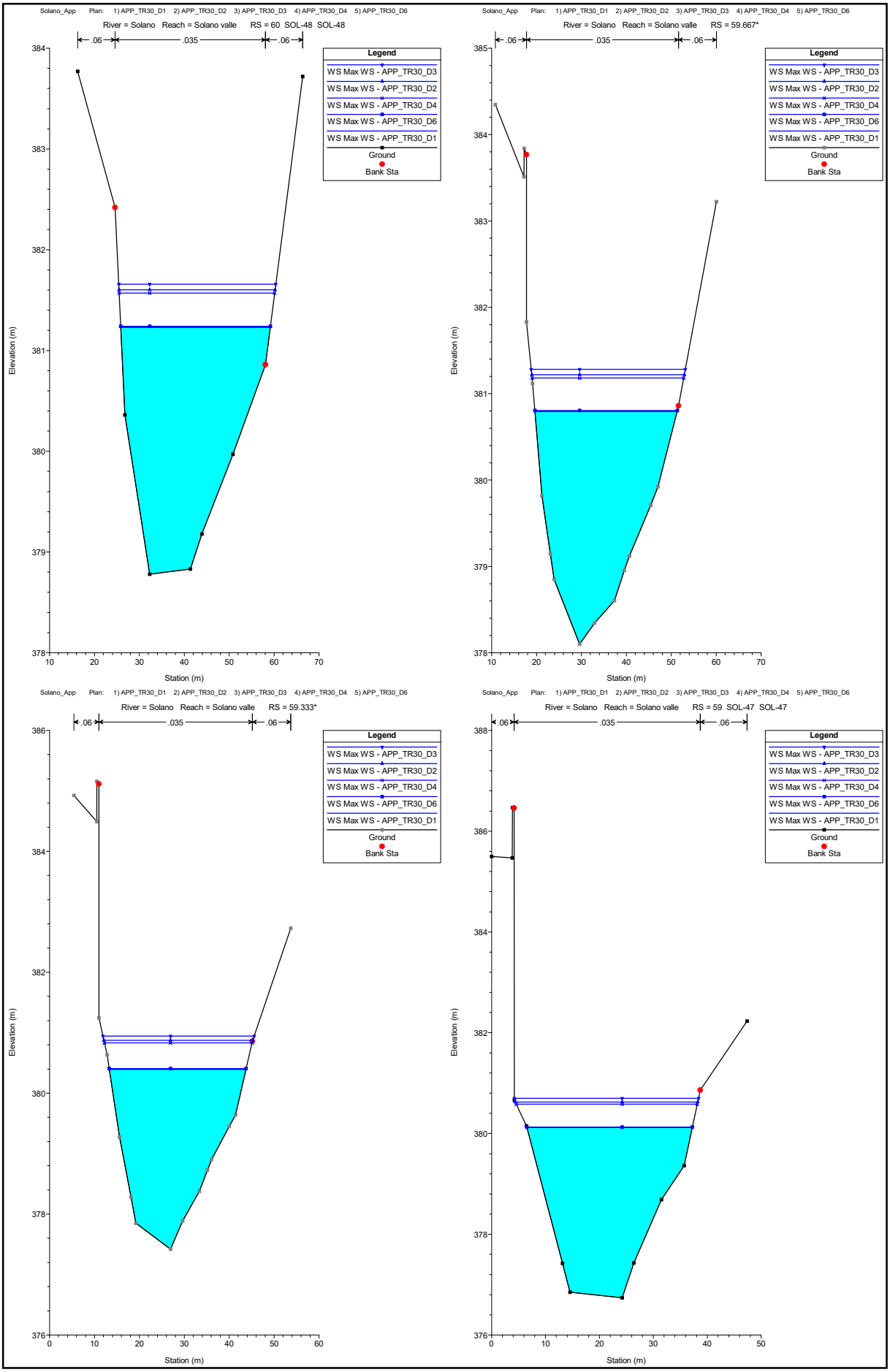
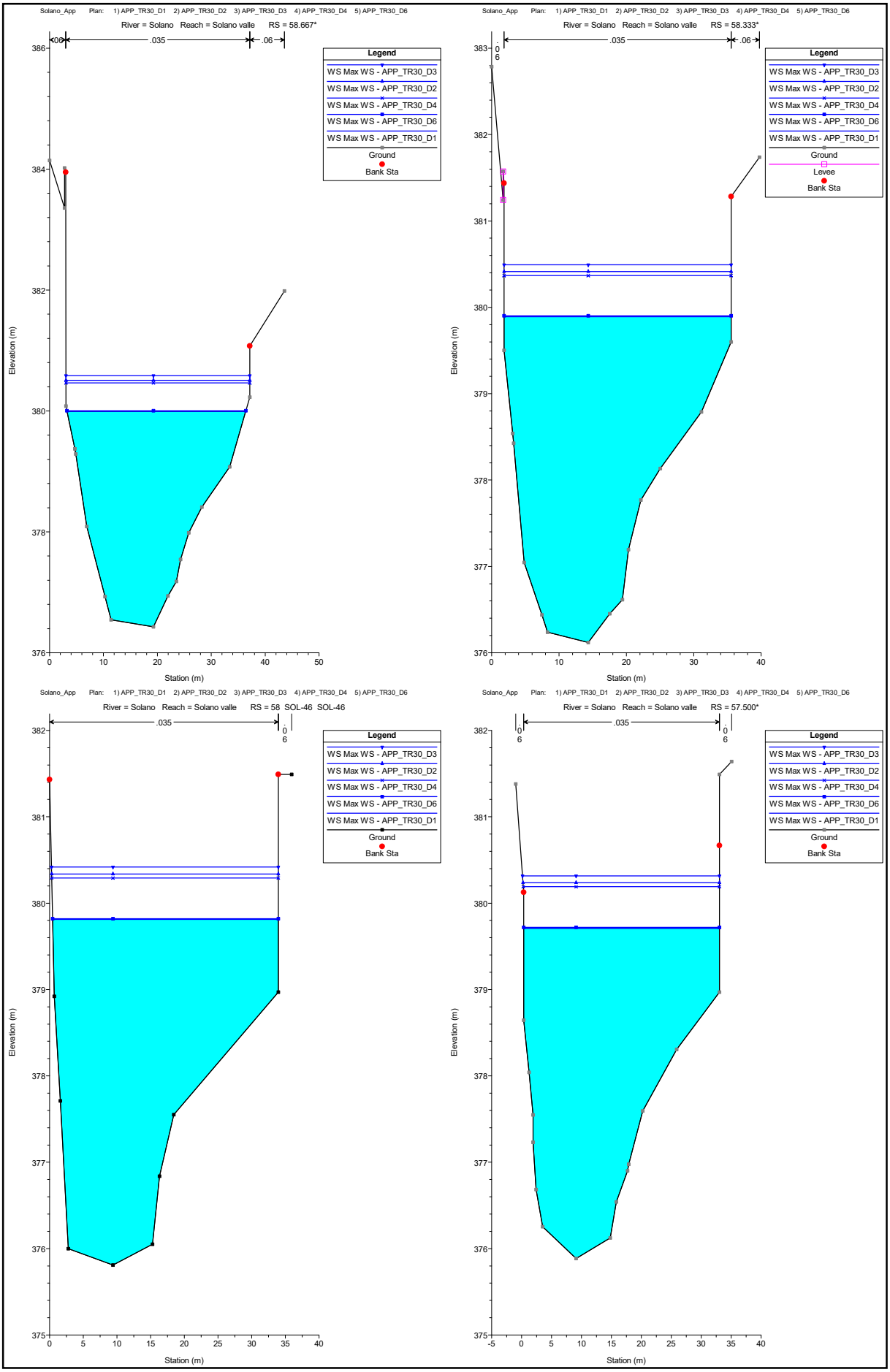
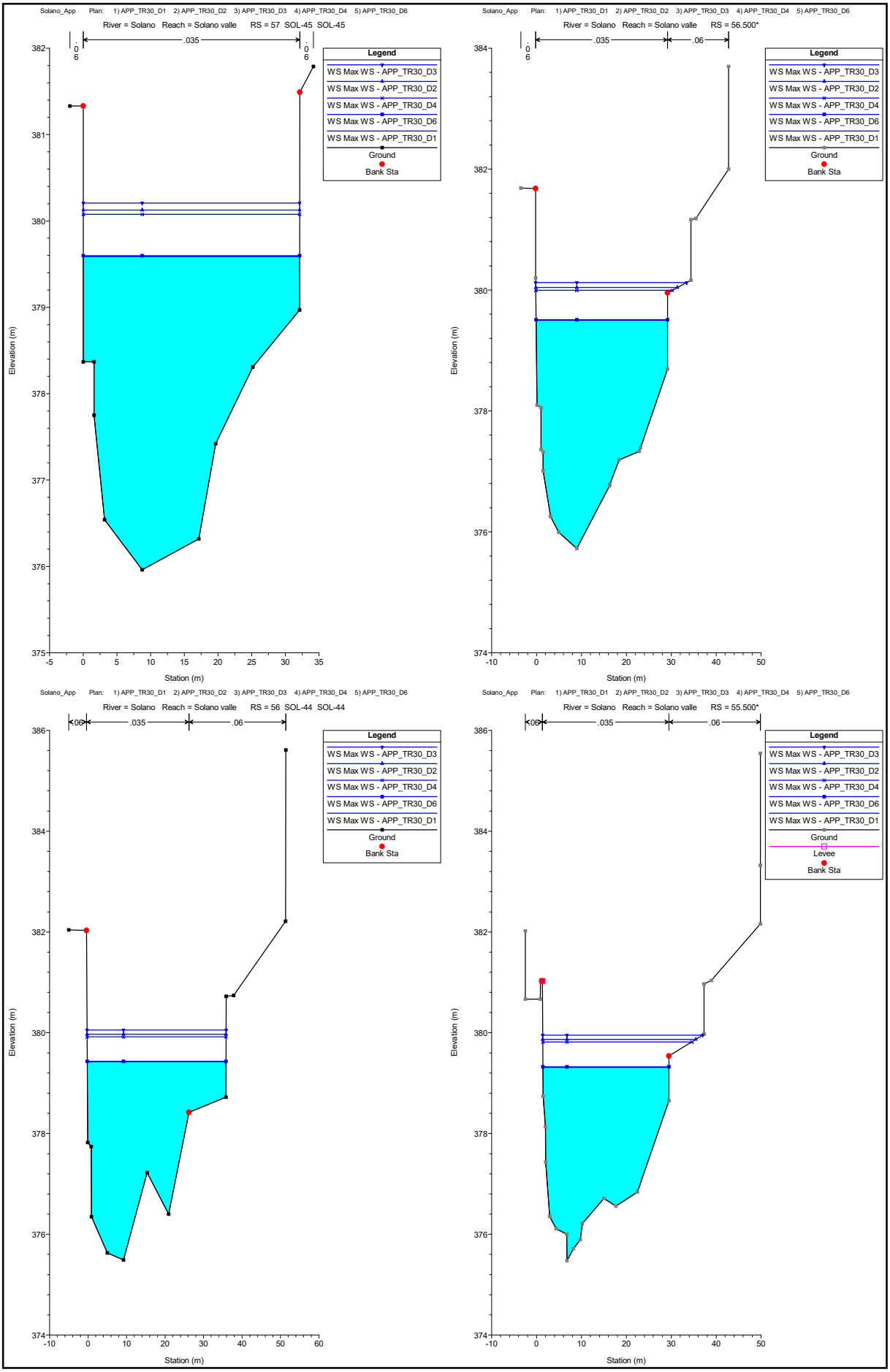
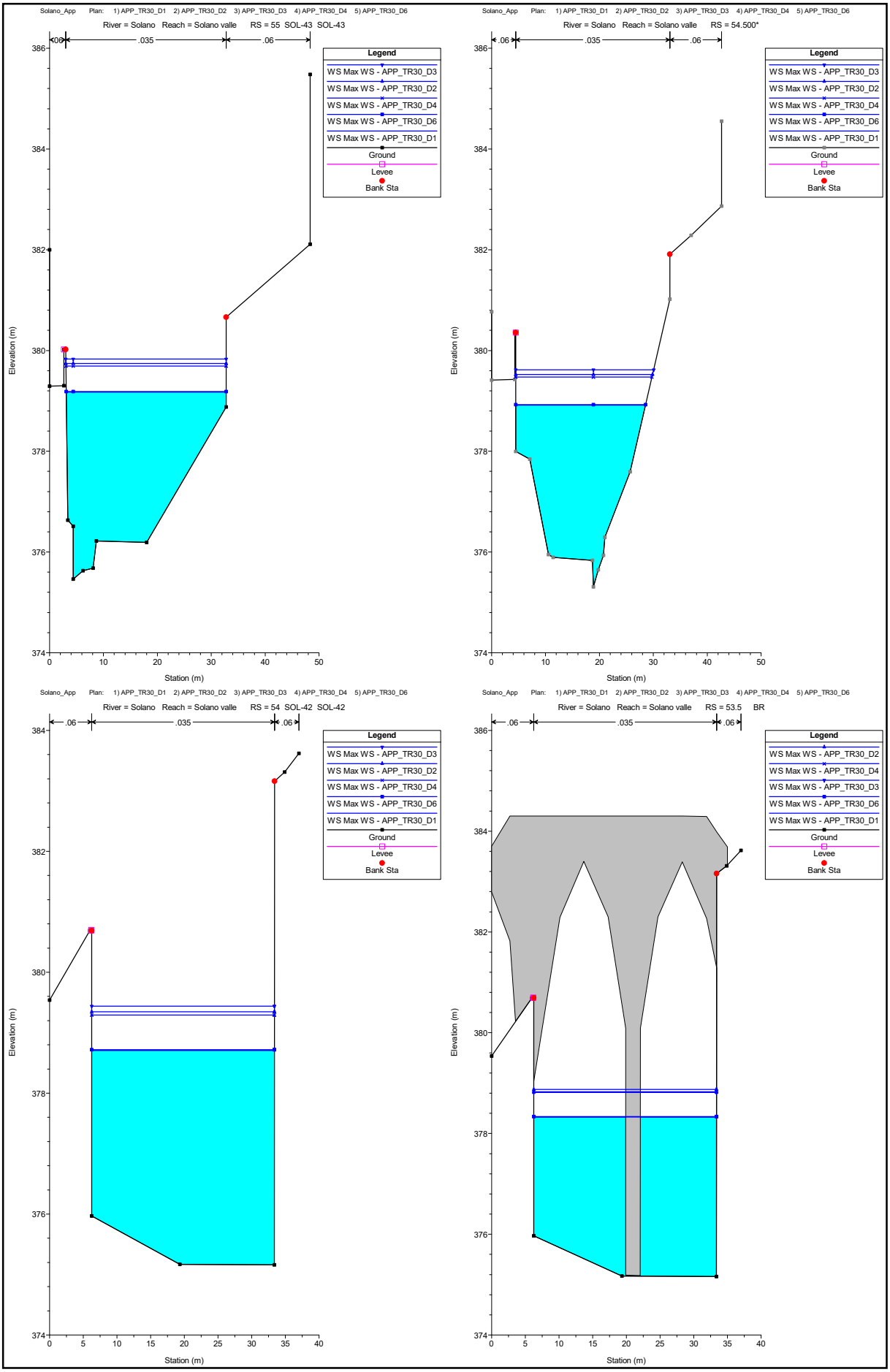
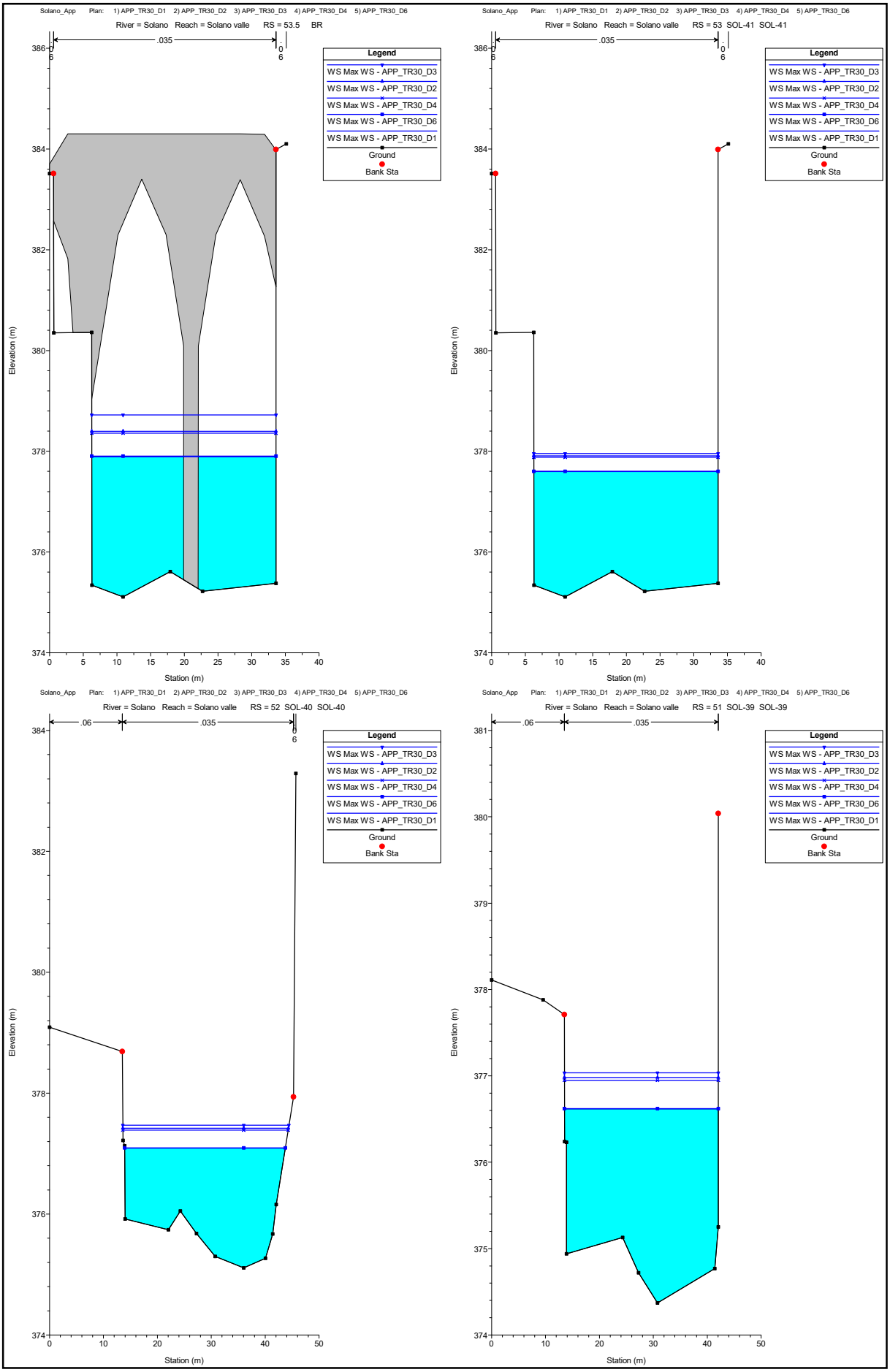
River = Solano Reach = Solano valle RS = 60.211*
.06
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 60.158*
.06
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 60.105*
.06
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 60.053*
.06
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)

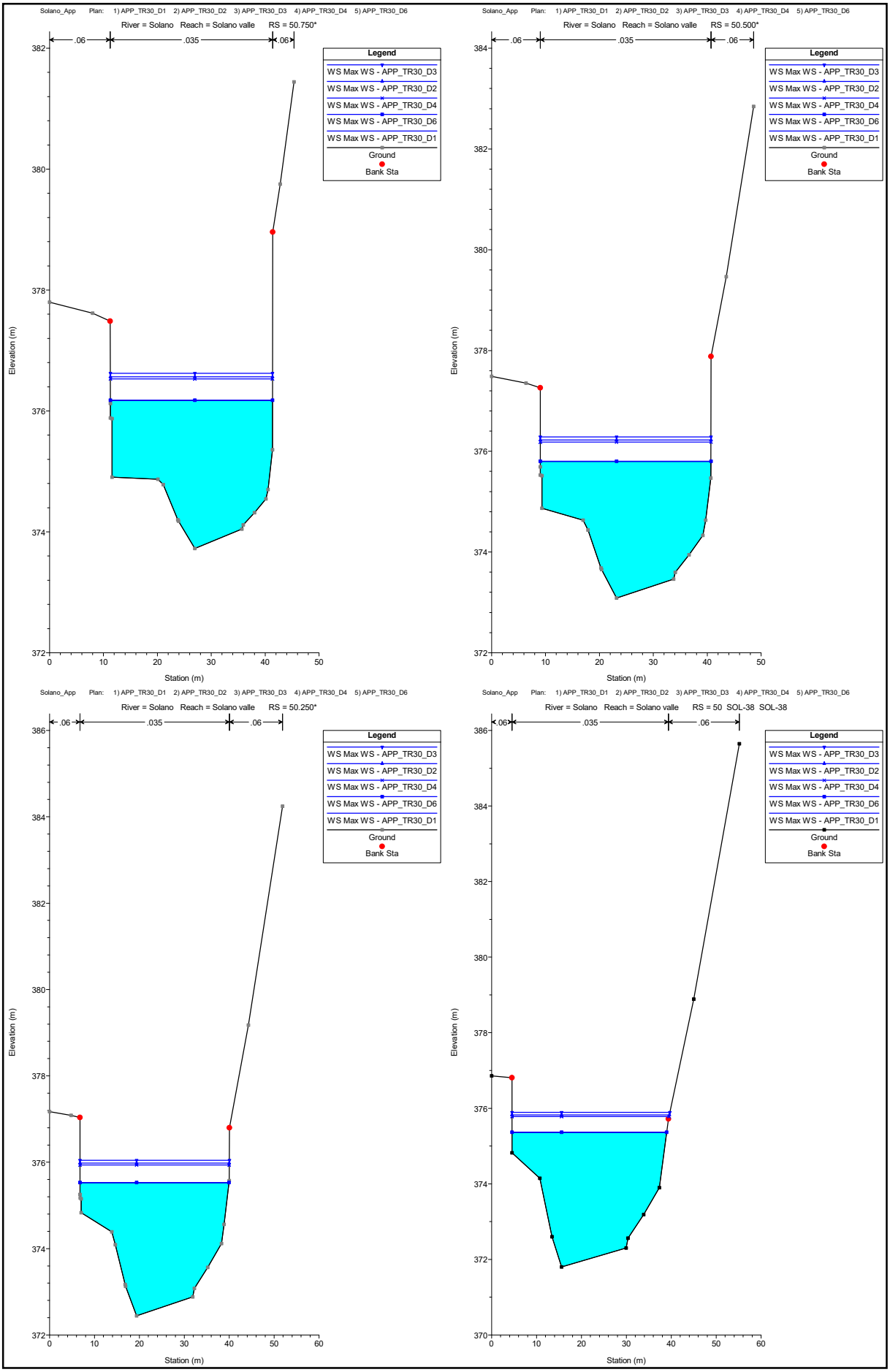

Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 60 SOL-48 SOL-48
.06
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 59.667*
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 59.333*
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 59 SOL-47 SOL-47

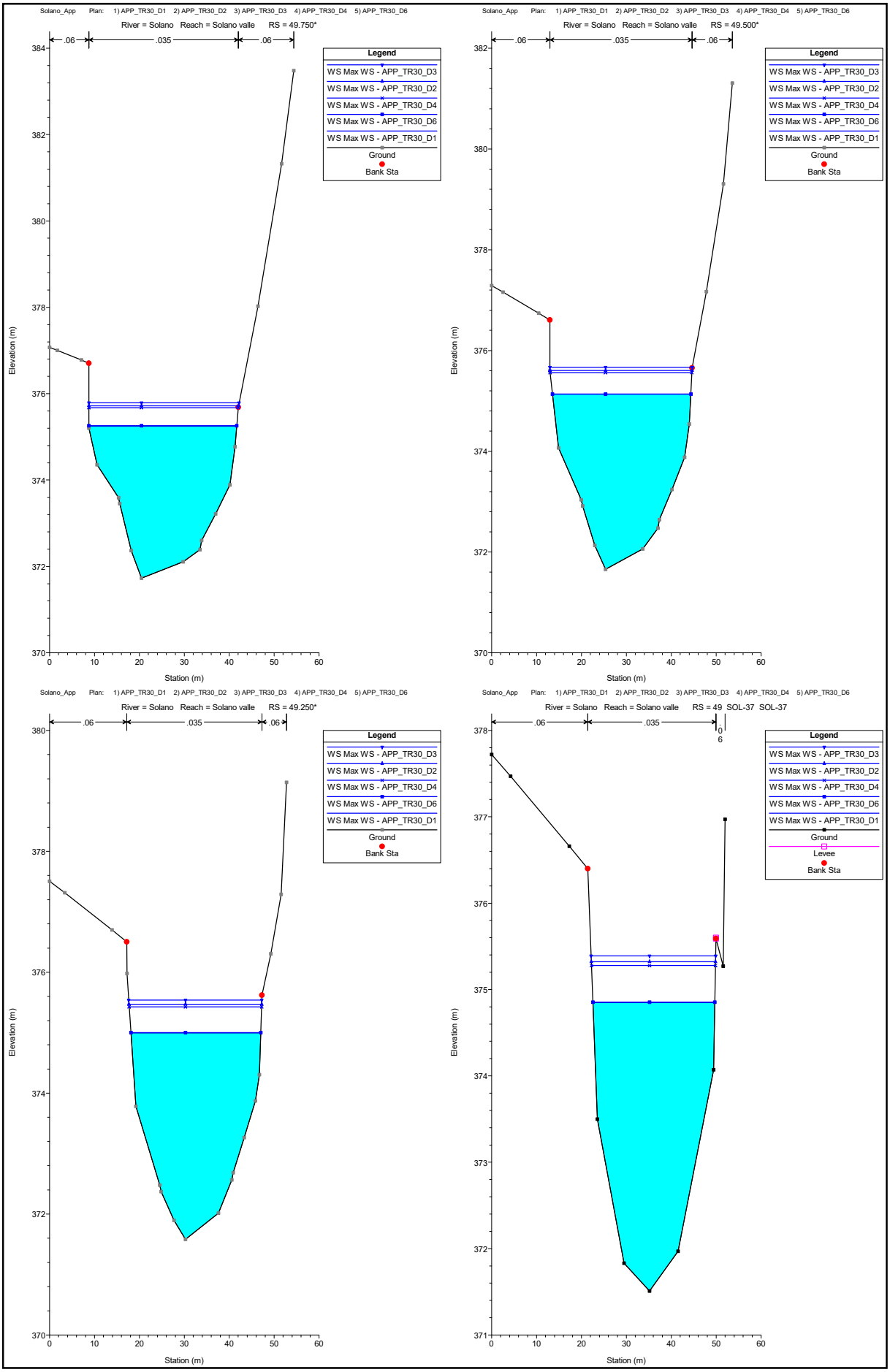

Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 58.667*
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 58.333*
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 58 SOL-46 SOL-46
.035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 57.500*
.035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)

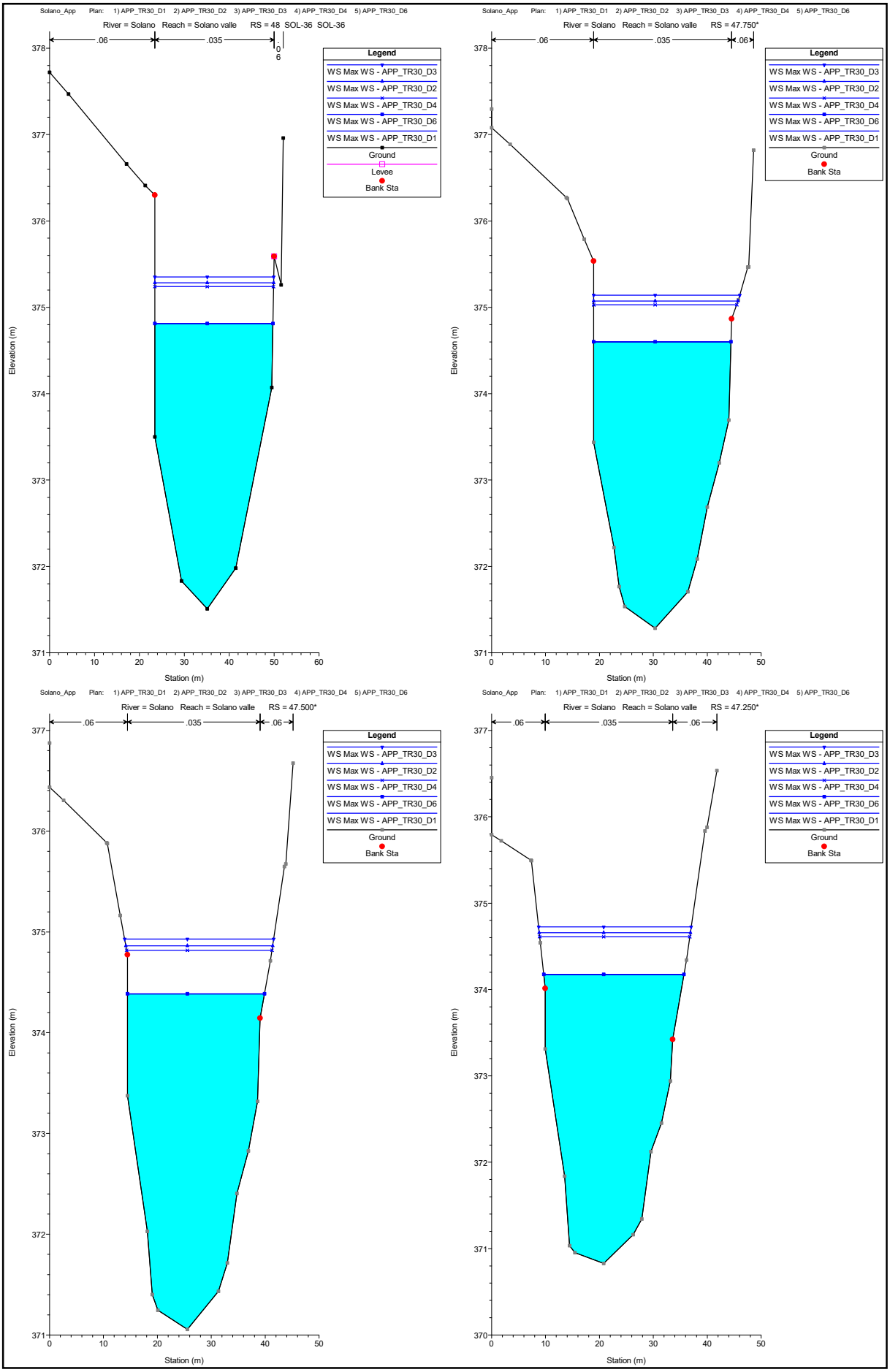

Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 57 SOL-45 SOL-45
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 56.500*
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 56 SOL-44 SOL-44
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 55.500*
Levee

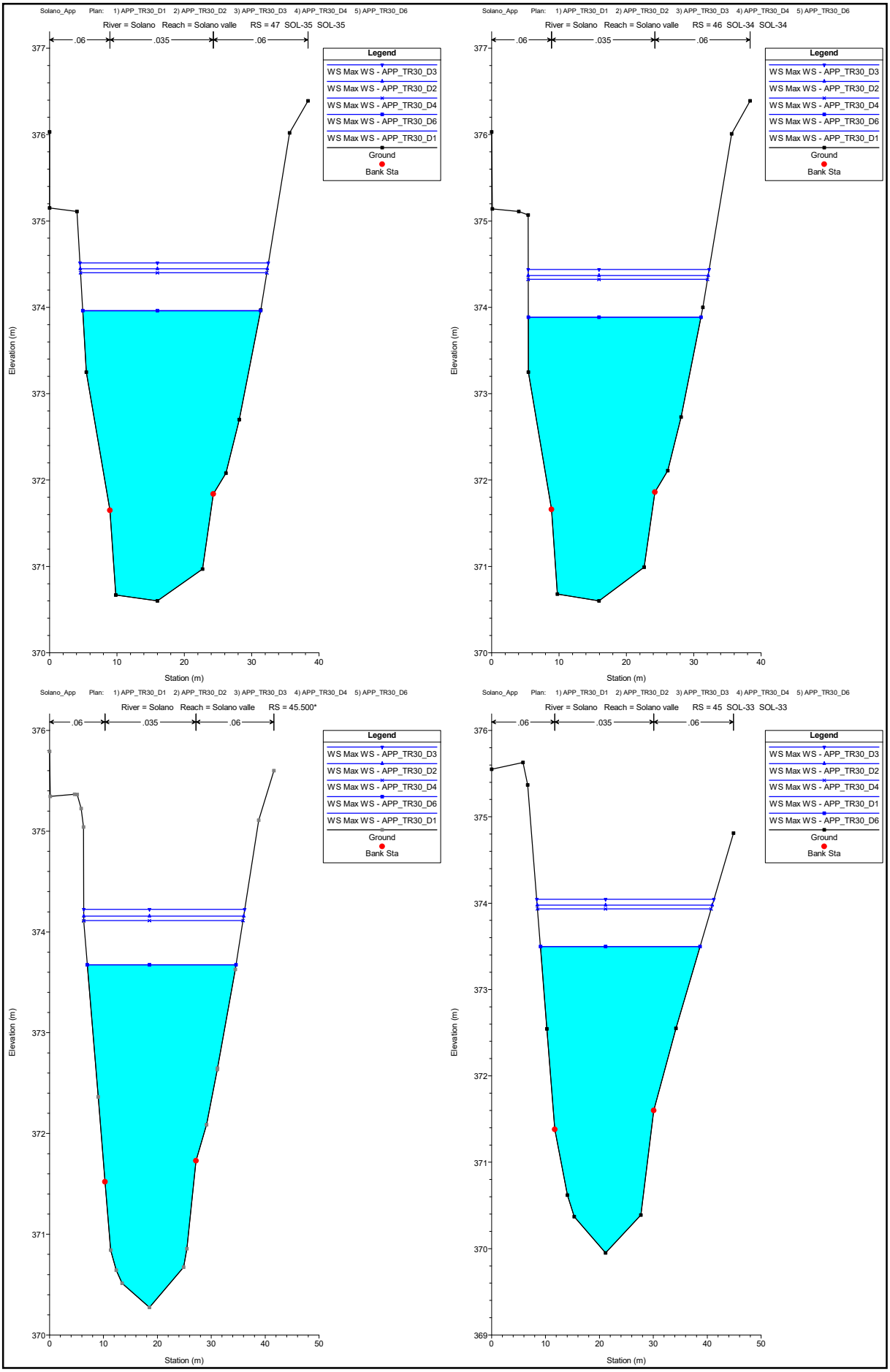

Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 55 SOL-43 SOL-43
.06
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 54.500*
.06
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 54 SOL-42 SOL-42
.06
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 53.5 BR
.06
.035
.06
Legend
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Levee
Bank Sta
Elevation (m)
Station (m)

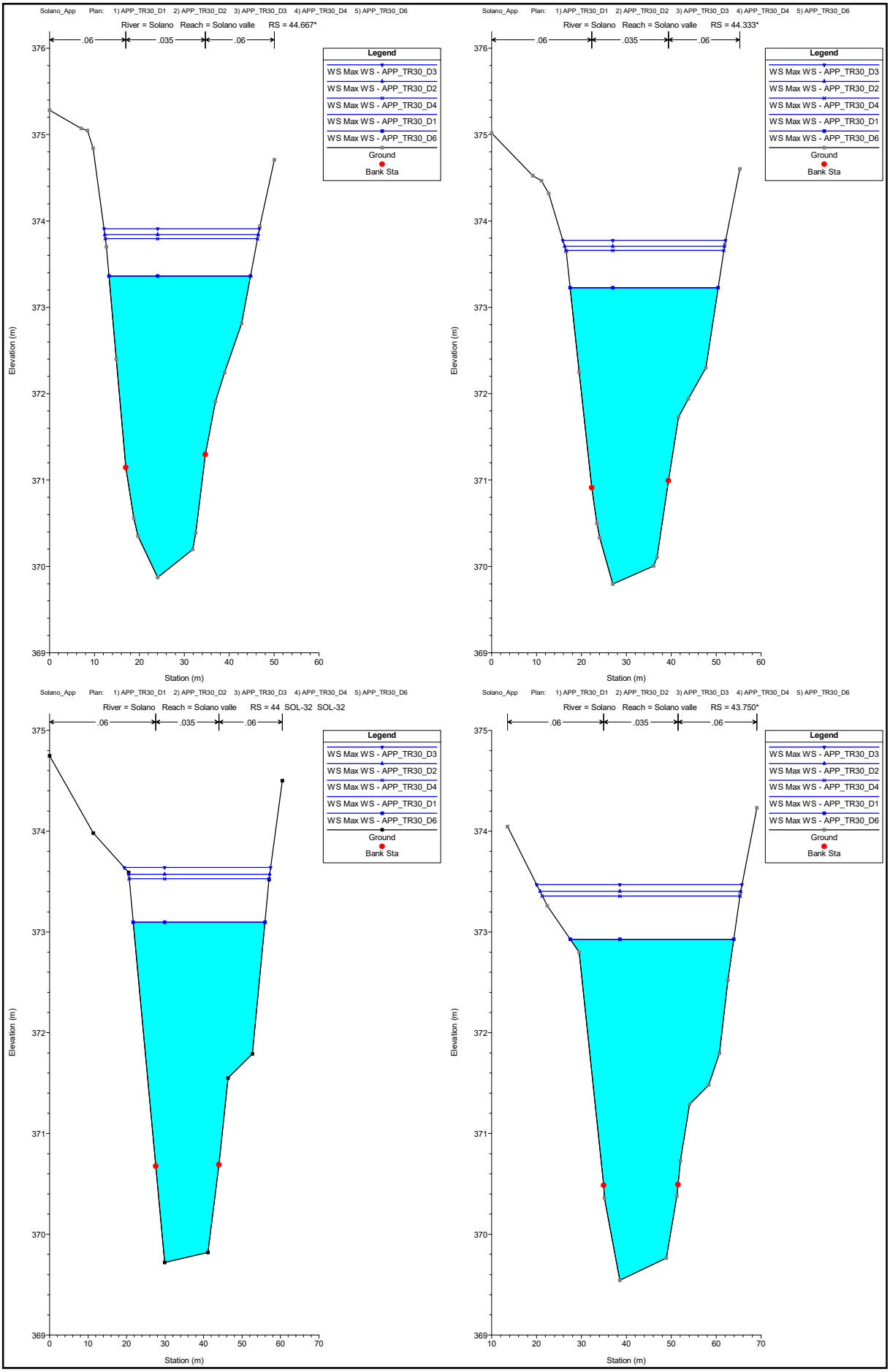

Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 53.5 BR
.035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 53 SOL-41 SOL-41
.035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 52 SOL-40 SOL-40
.06
.035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 51 SOL-39 SOL-39
.06
.035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)

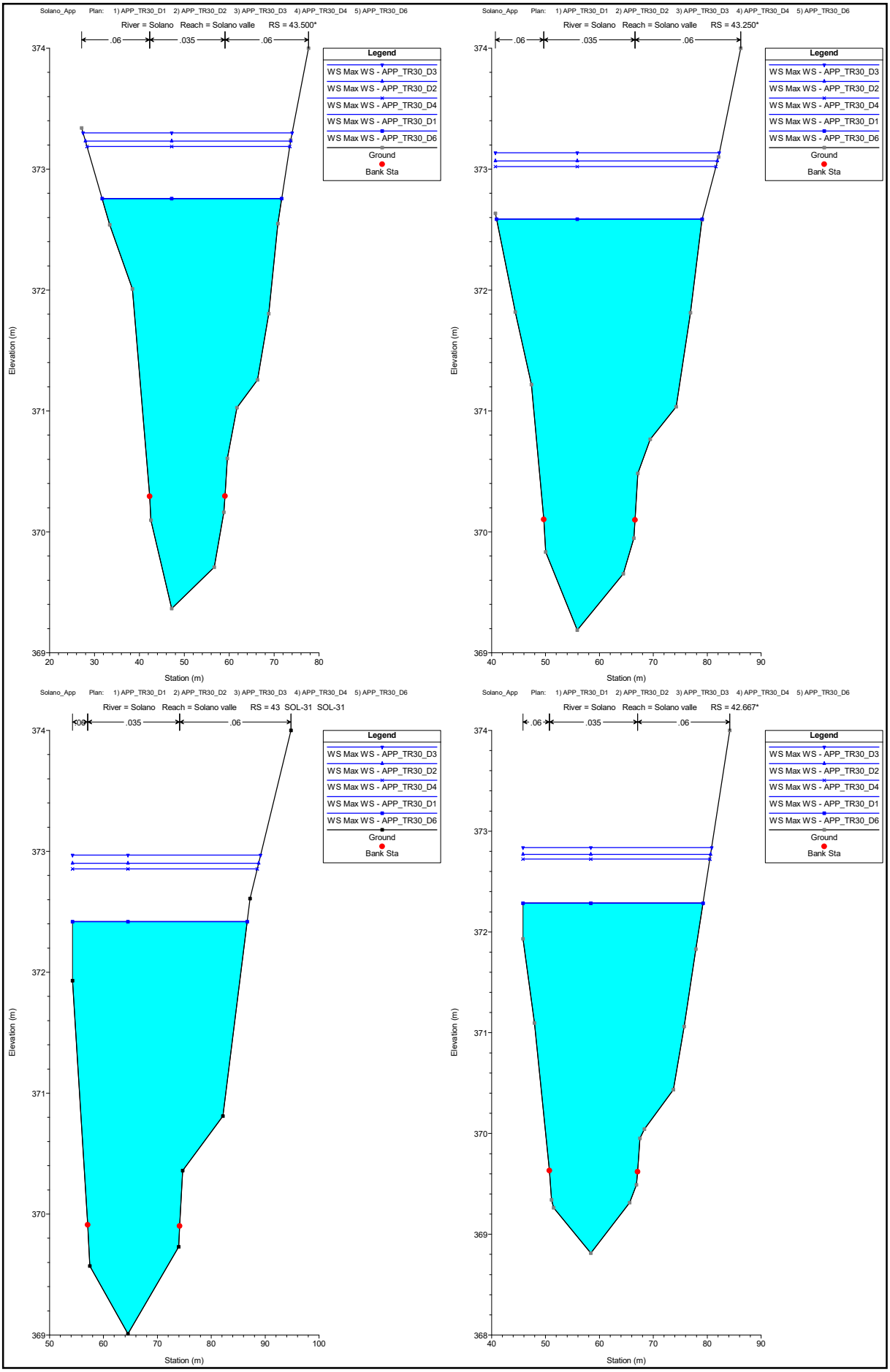

Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 50.750*
.06
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 50.500*
.06
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 50.250*
.06
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 50 SOL-38 SOL-38
.06
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)


Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 49.750*
.06
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 49.500*
.06
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 49.250*
.06
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 49 SOL-37 SOL-37
.06
.035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Levee
Bank Sta
Elevation (m)
Station (m)


Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 48 SOL-36 SOL-36
.06
.035
0
6
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 47.750*
.06
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 47.500*
.06
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 47.250*
.06
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)


Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 47 SOL-35 SOL-35
.06 .035 .06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 46 SOL-34 SOL-34
.06 .035 .06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 45.500*
.06 .035 .06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
WS Max WS - APP_TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 45 SOL-33 SOL-33
.06 .035 .06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)


Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 44.667*
.06 .035 .06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 44.333*
.06 .035 .06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 44 SOL-32 SOL-32
.06 .035 .06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 43.750*
.06 .035 .06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)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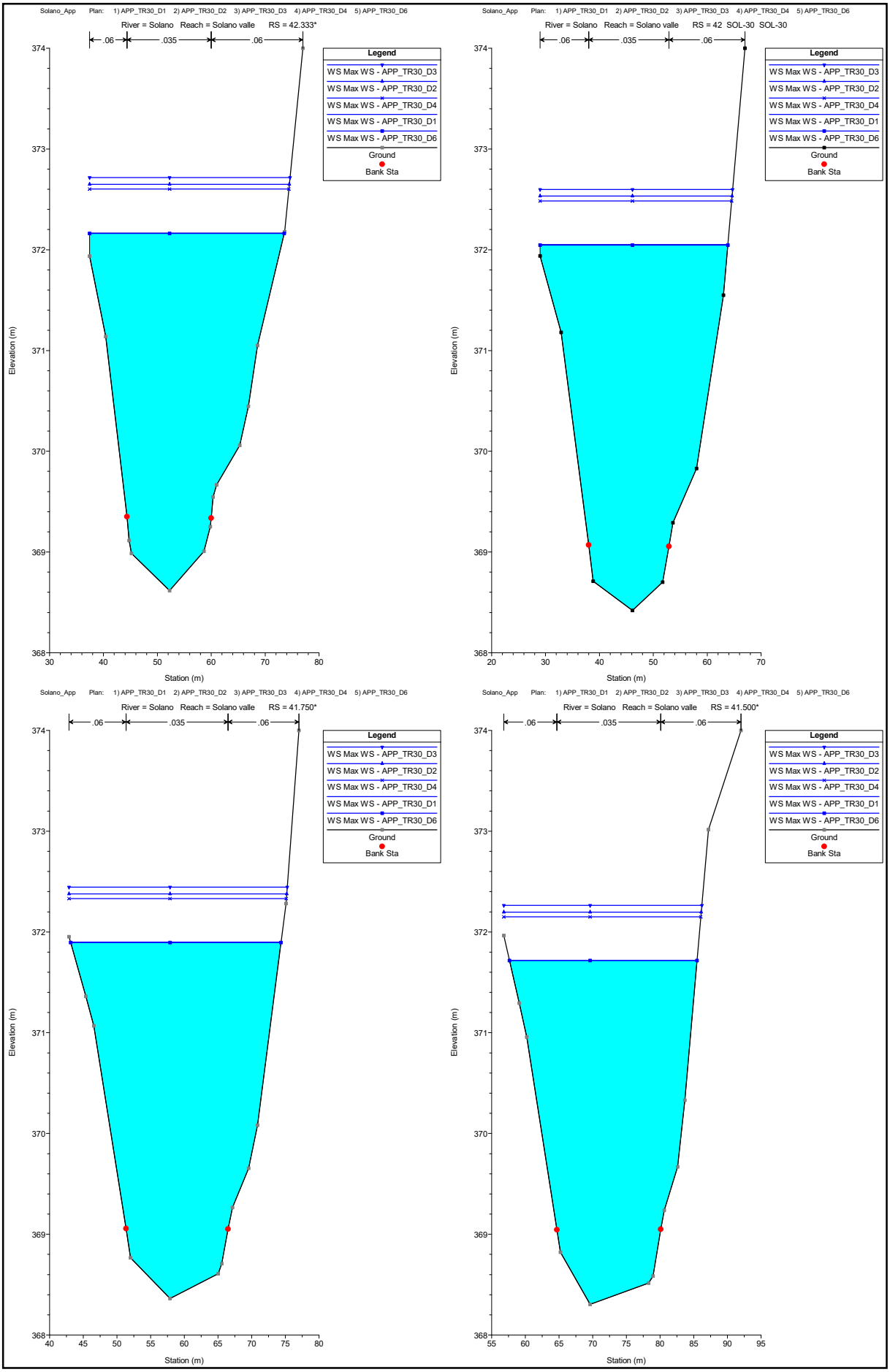
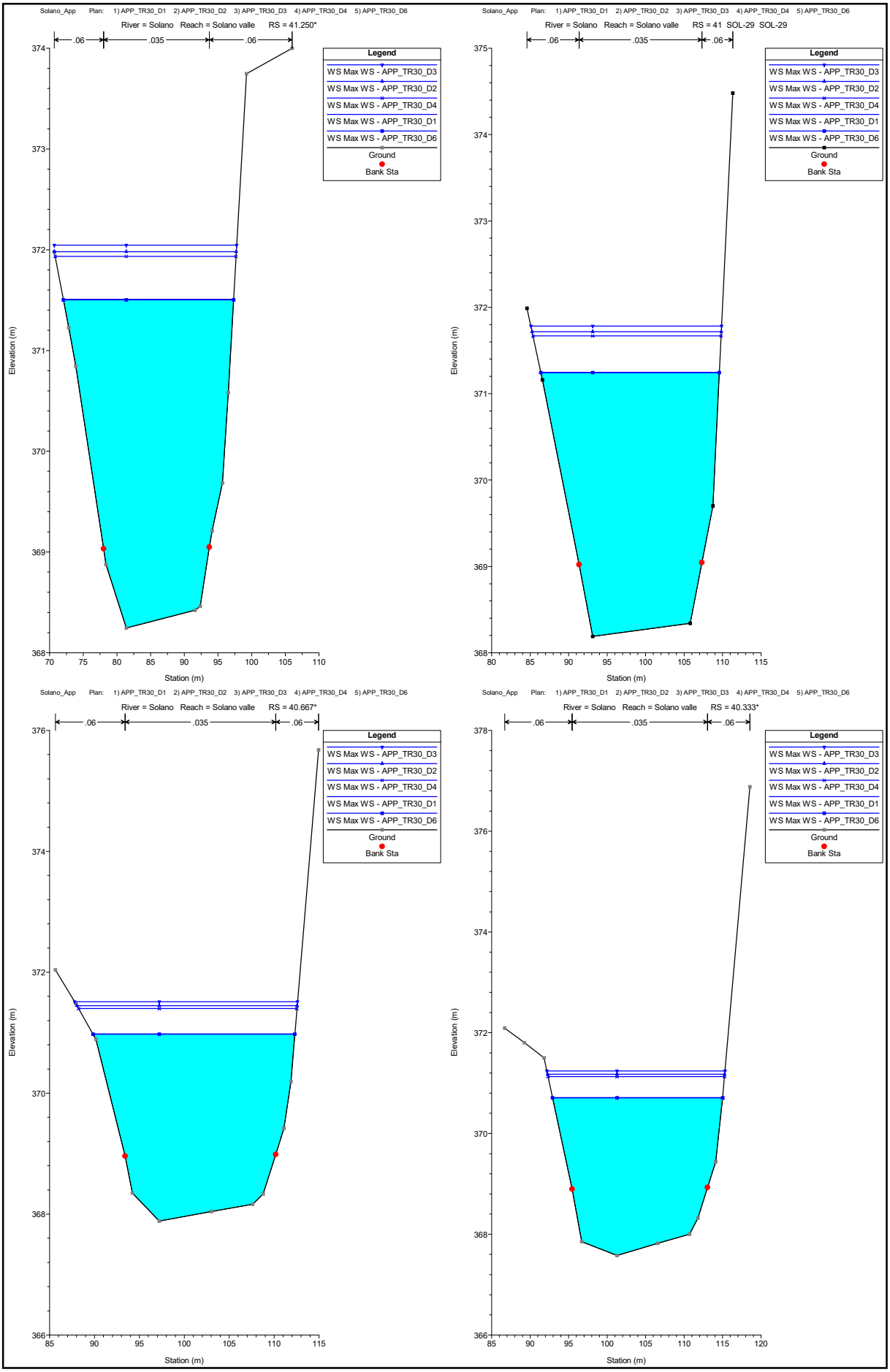
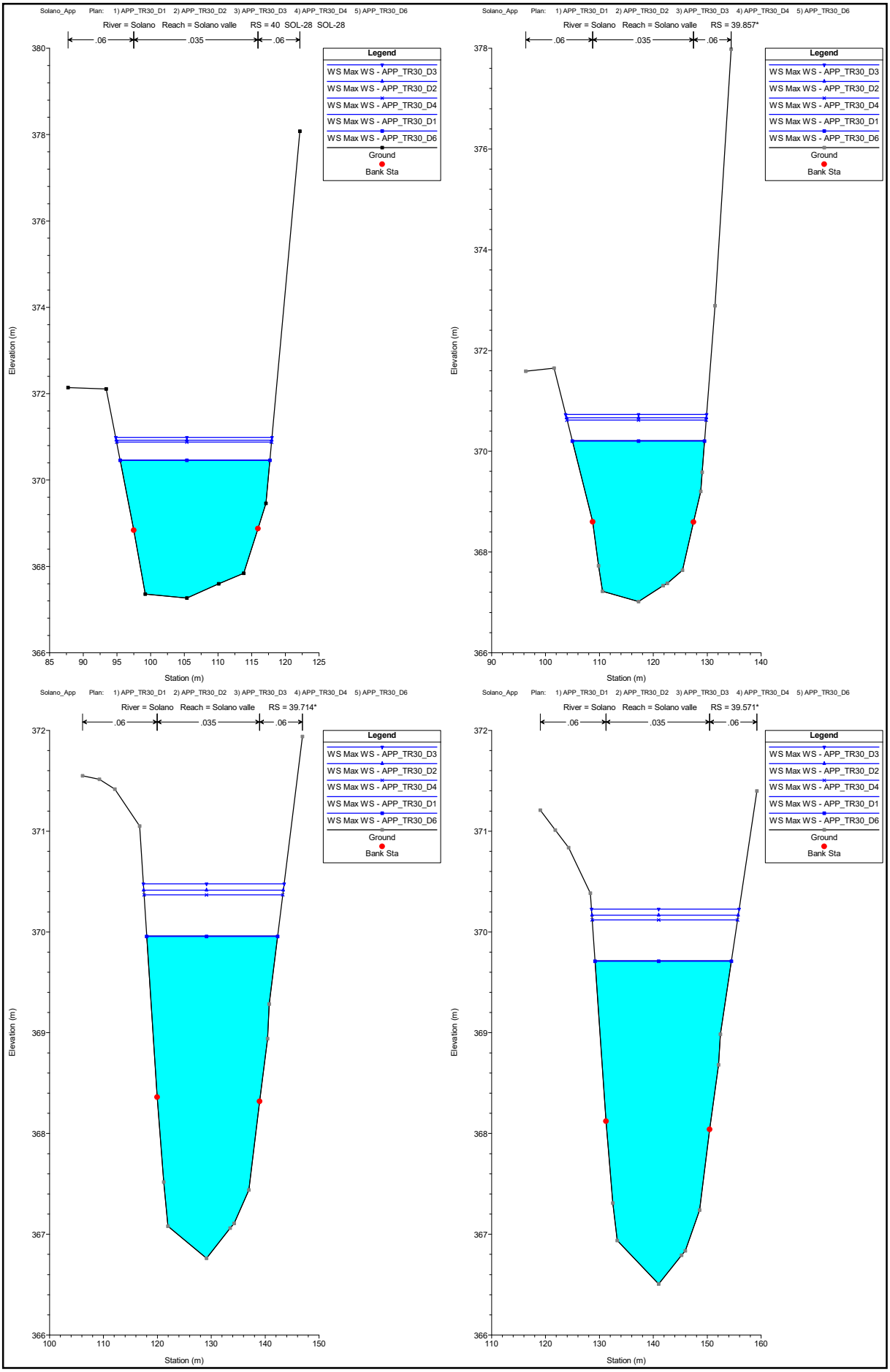
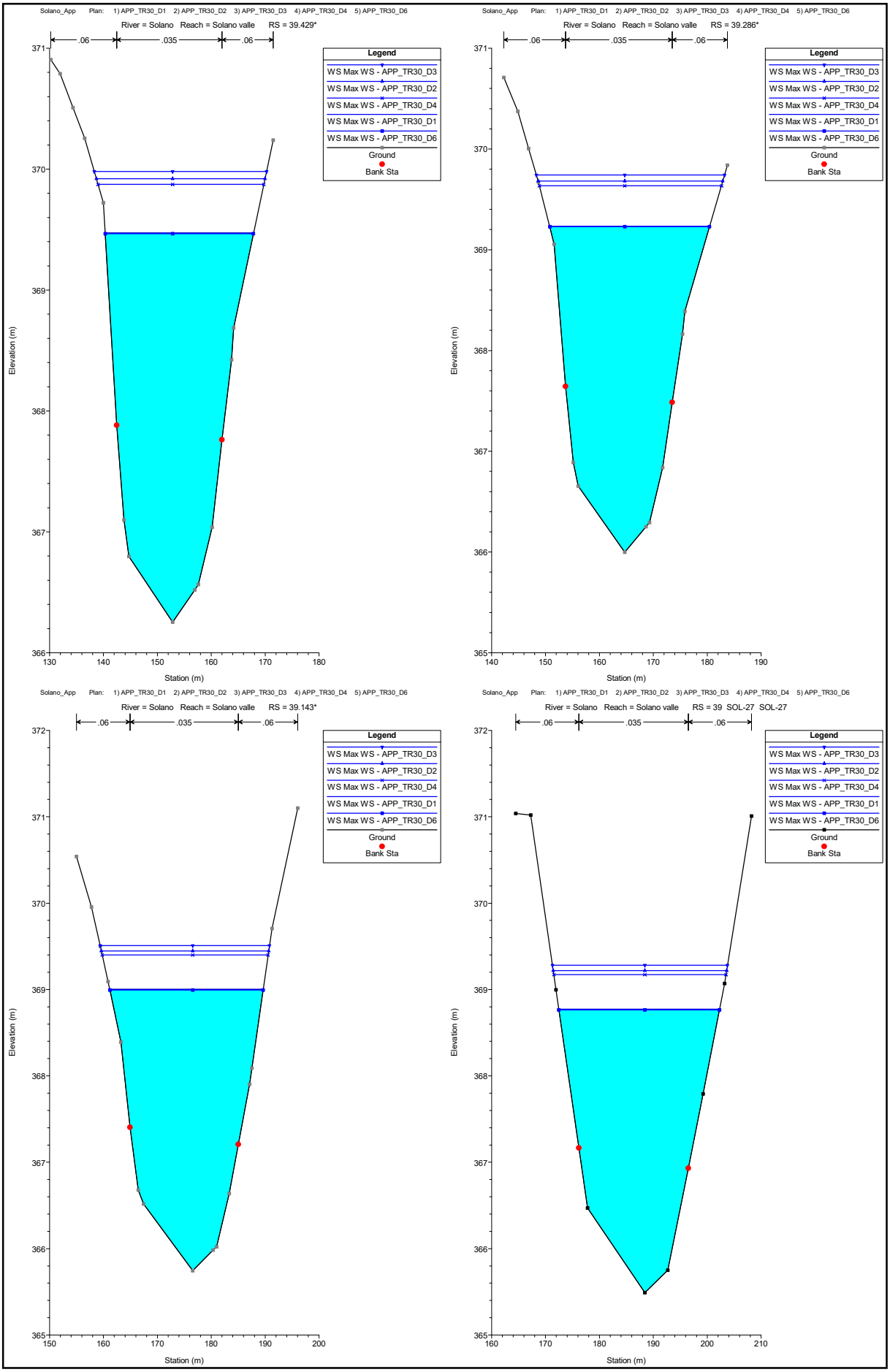
River = Solano Reach = Solano valle RS = 43.500*
.06 .035 .06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 43.250*
.06 .035 .06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 43 SOL-31 SOL-31
.06 .035 .06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 42.667*
.06 .035 .06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)


Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 42.333*
.06 .035 .06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 42 SOL-30 SOL-30
.06 .035 .06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 41.750*
.06 .035 .06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 41.500*
.06 .035 .06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)


Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 41.250*
.06
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 41 SOL-29 SOL-29
.06
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 40.667*
.06
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 40.333*
.06
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)


Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 40 SOL-28 SOL-28
.06 .035 .06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 39.857*
.06 .035 .06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 39.714*
.06 .035 .06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 39.571*
.06 .035 .06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)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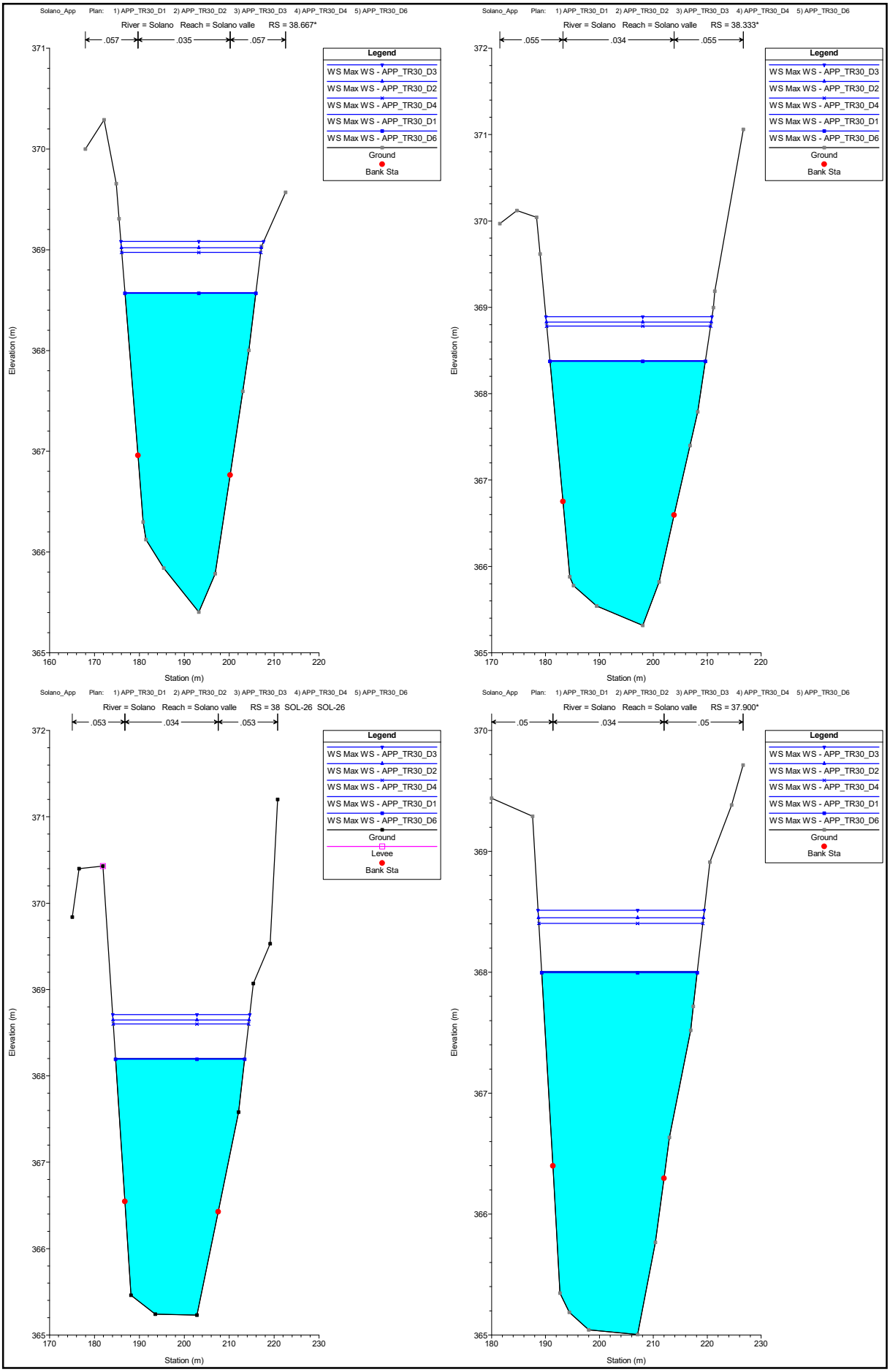
River = Solano Reach = Solano valle RS = 39.429*
.06
.035
.06
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 39.286*
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 39.143*
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 39 SOL-27 SOL-27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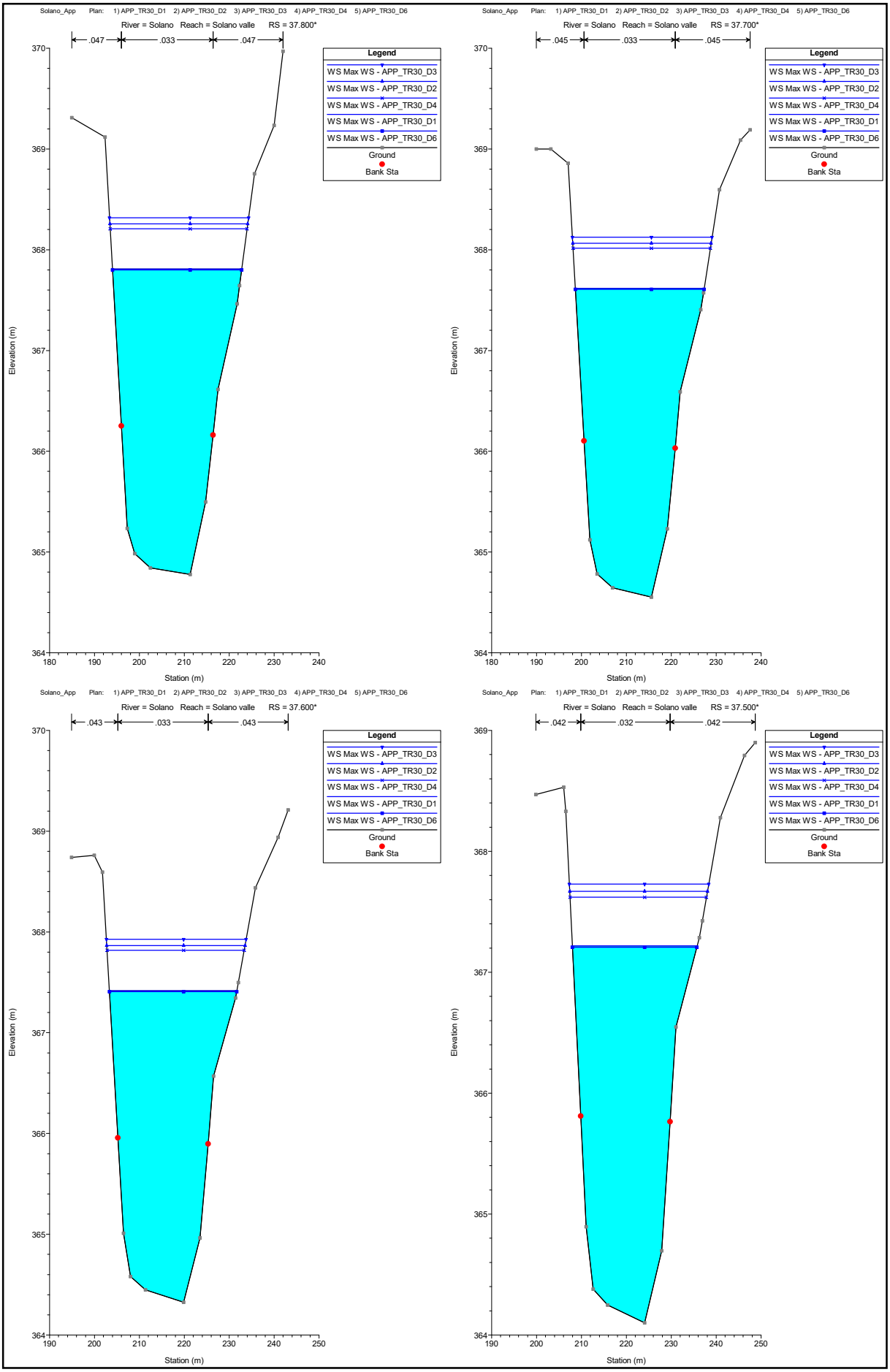
River = Solano Reach = Solano valle RS = 38.667*
.057
.035
.057
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 38.333*
.055
.034
.055
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 38 SOL-26 SOL-26
.053
.034
.053
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 37.900*
.05
.034
.05
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)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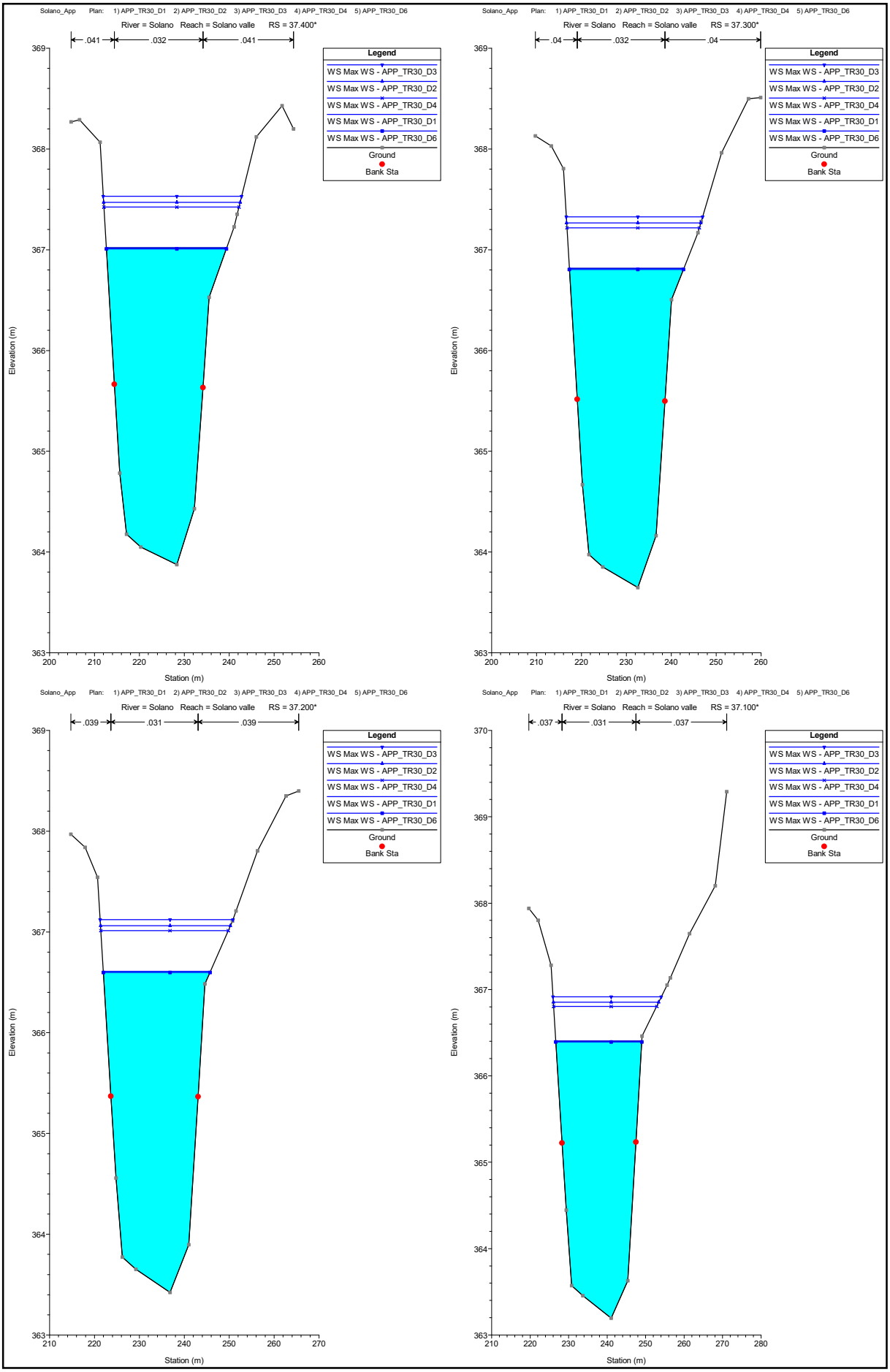
River = Solano Reach = Solano valle RS = 37.800*
.047
.033
.047
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 37.700*
.045
.033
.045
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 37.600*
.043
.033
.043
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 37.500*
.042
.032
.042
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)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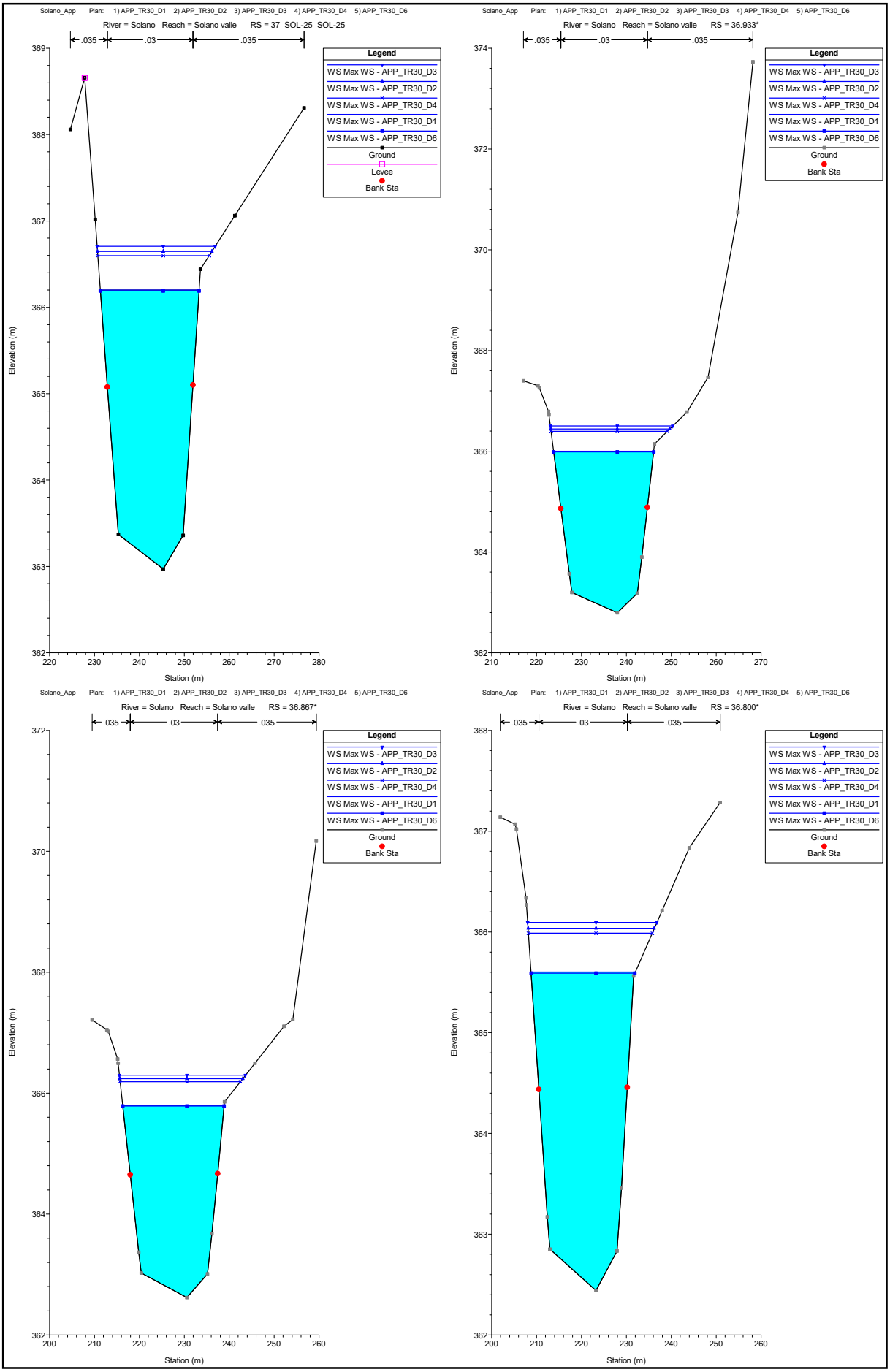
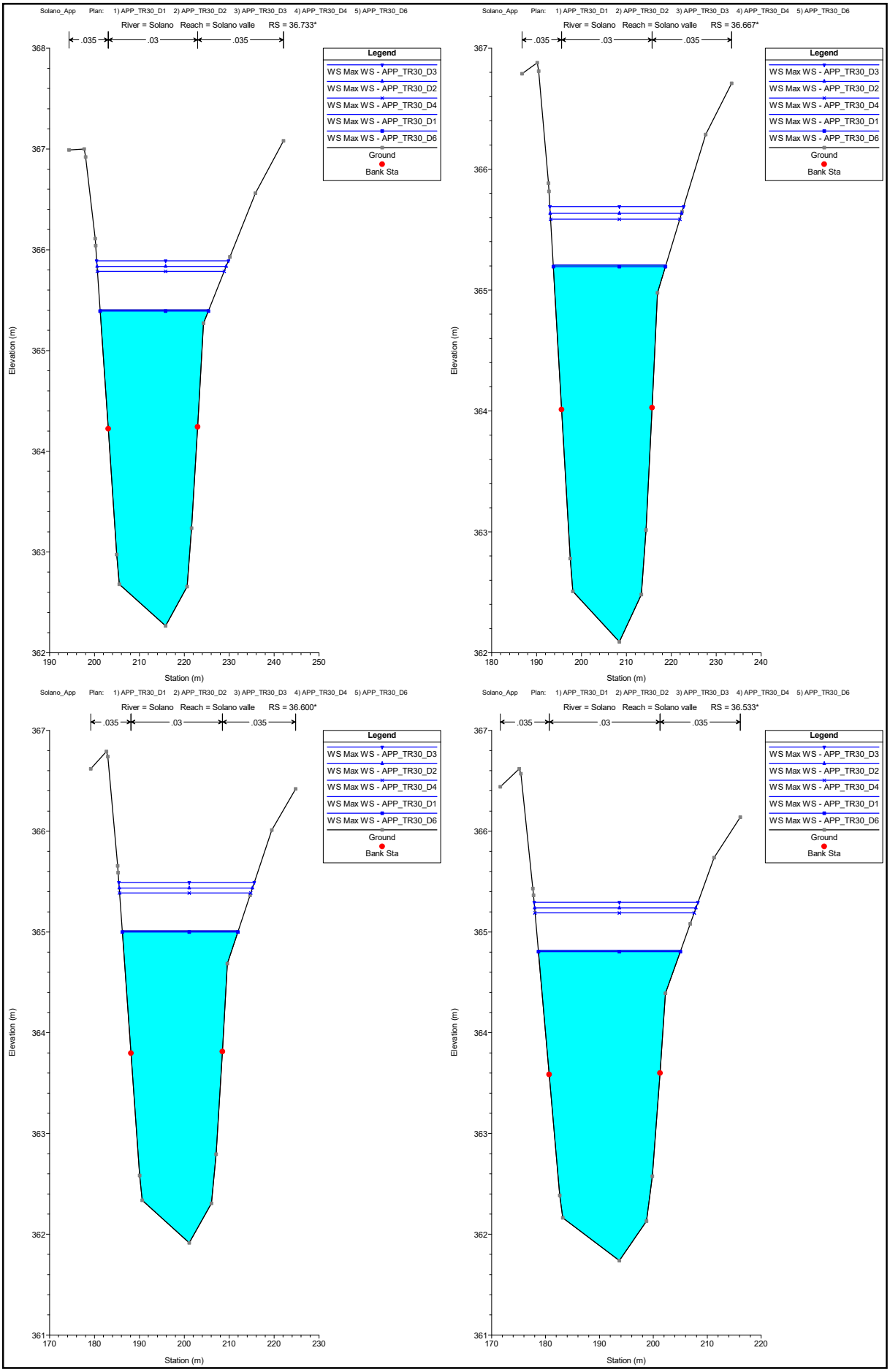
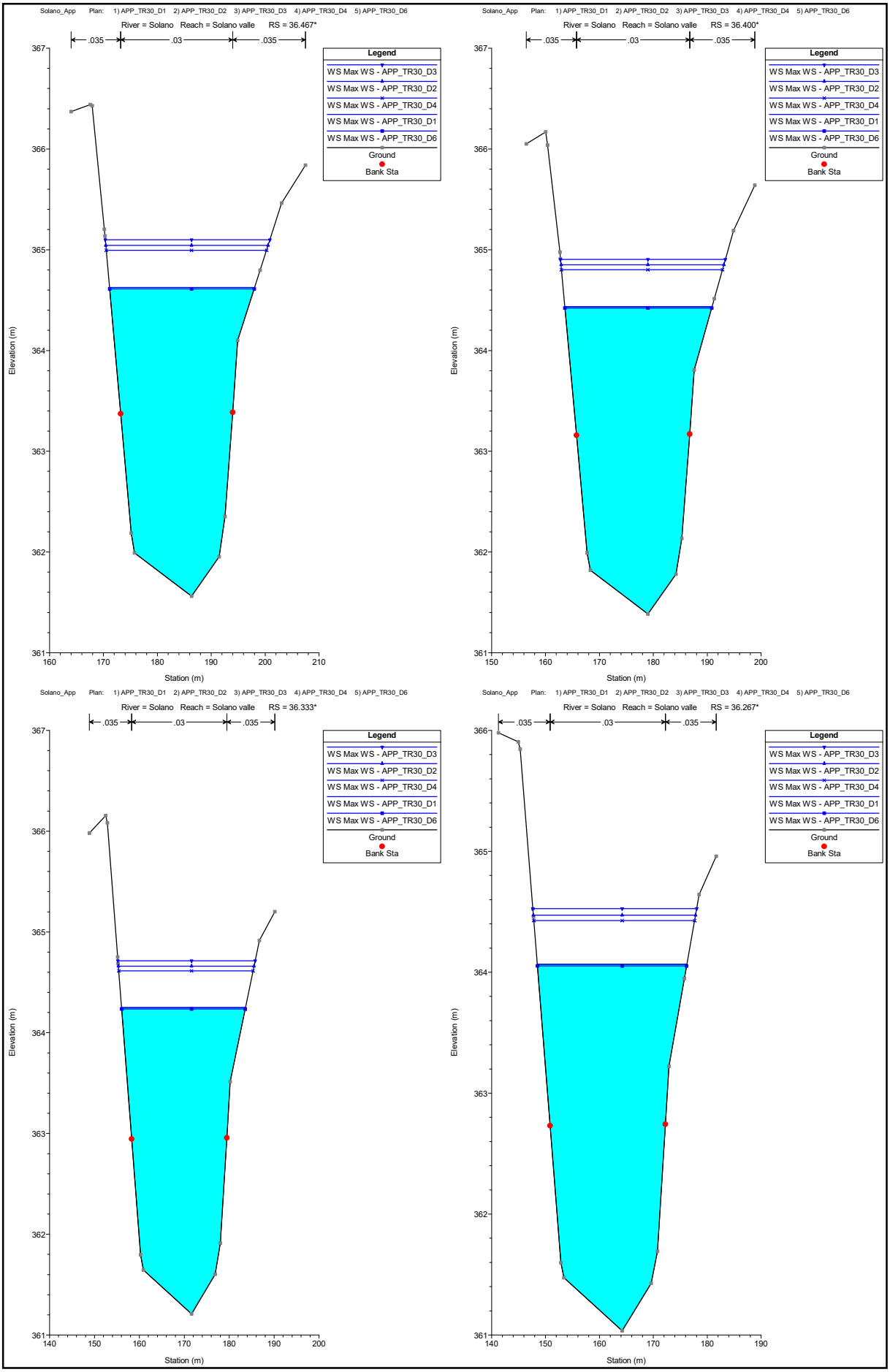
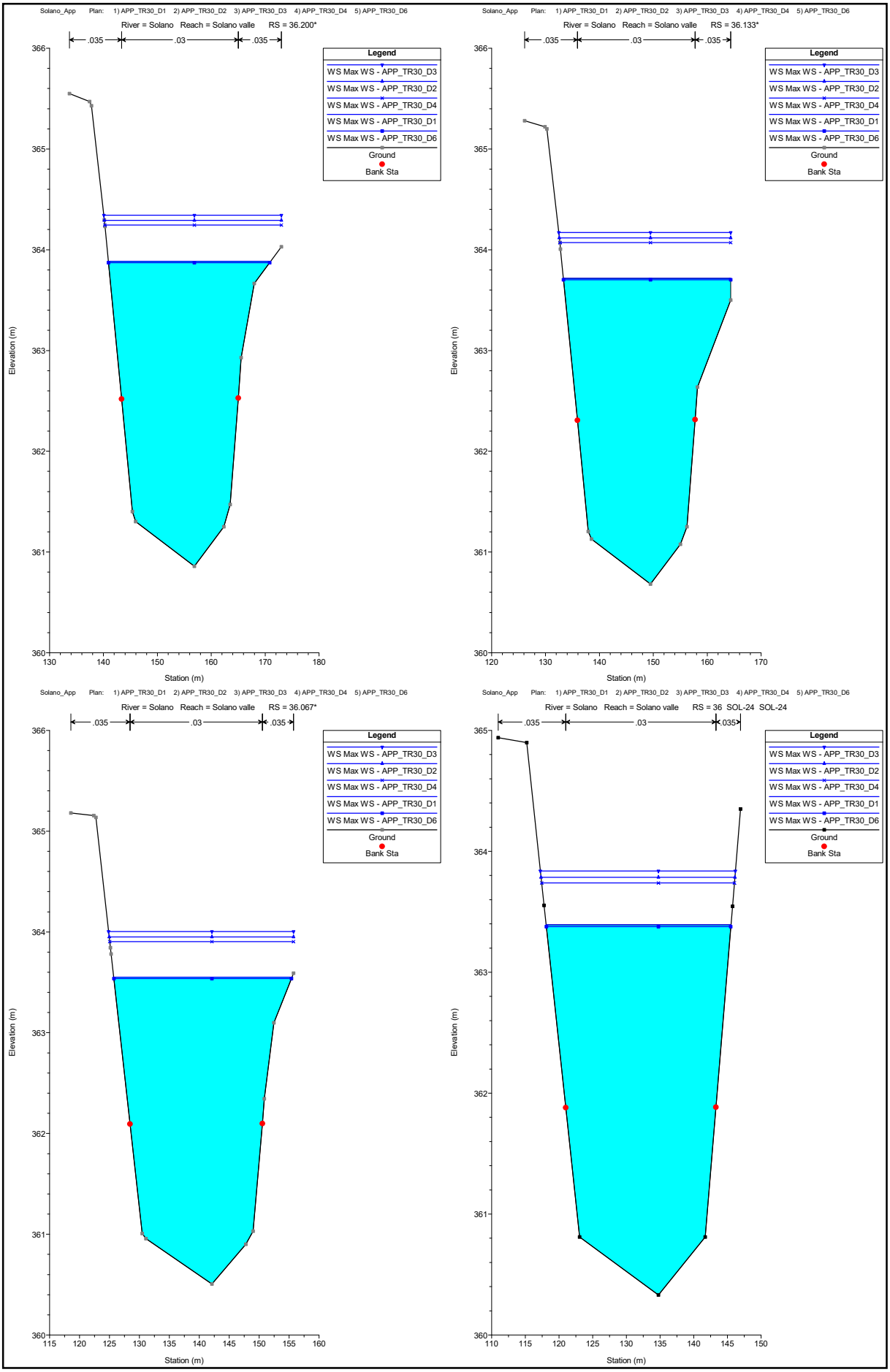
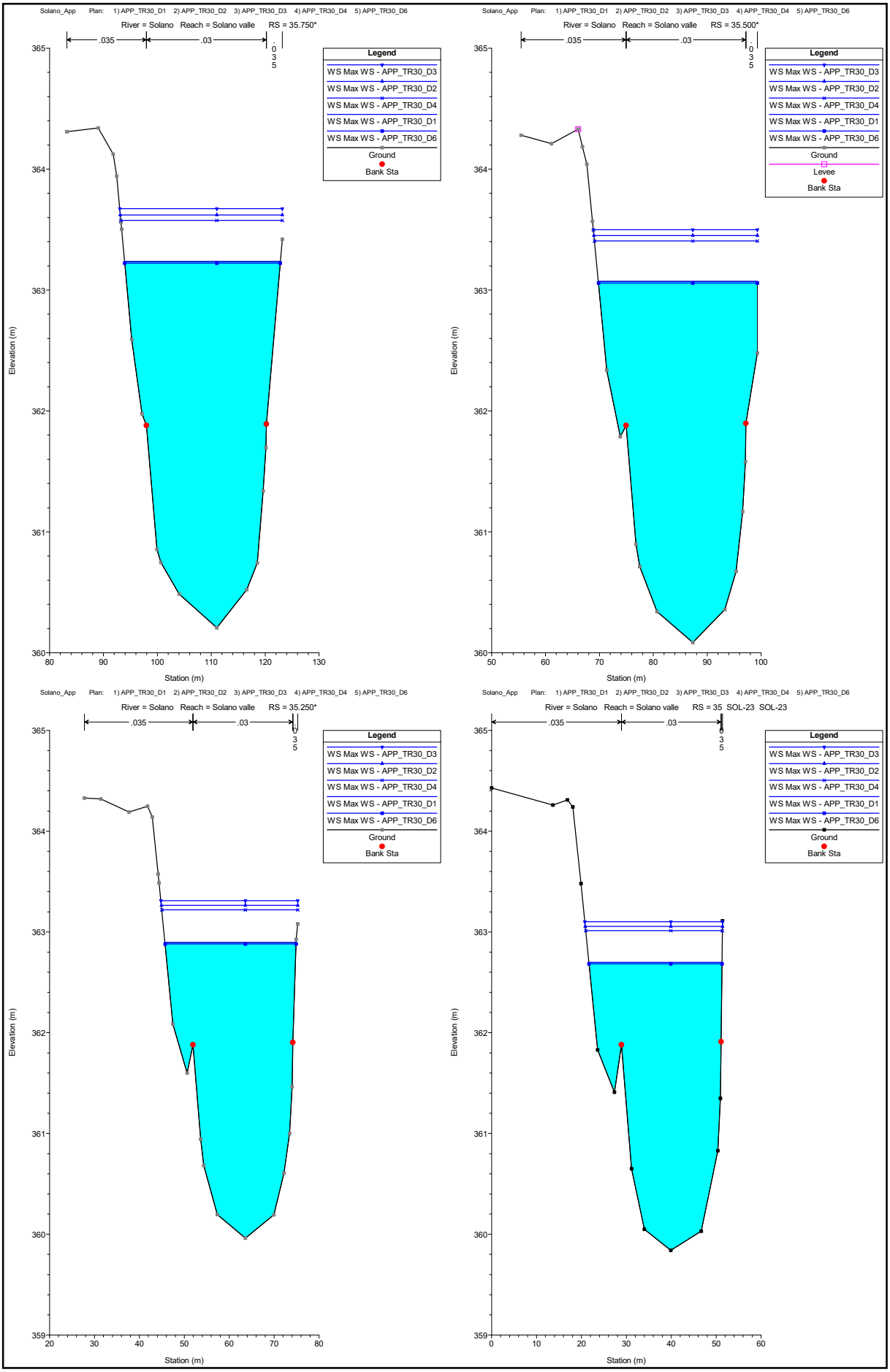
River = Solano Reach = Solano valle RS = 37.400*
.041
.032
.041
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 37.300*
.04
.032
.04
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 37.200*
.039
.031
.039
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 37.100*
.037
.031
.037
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)

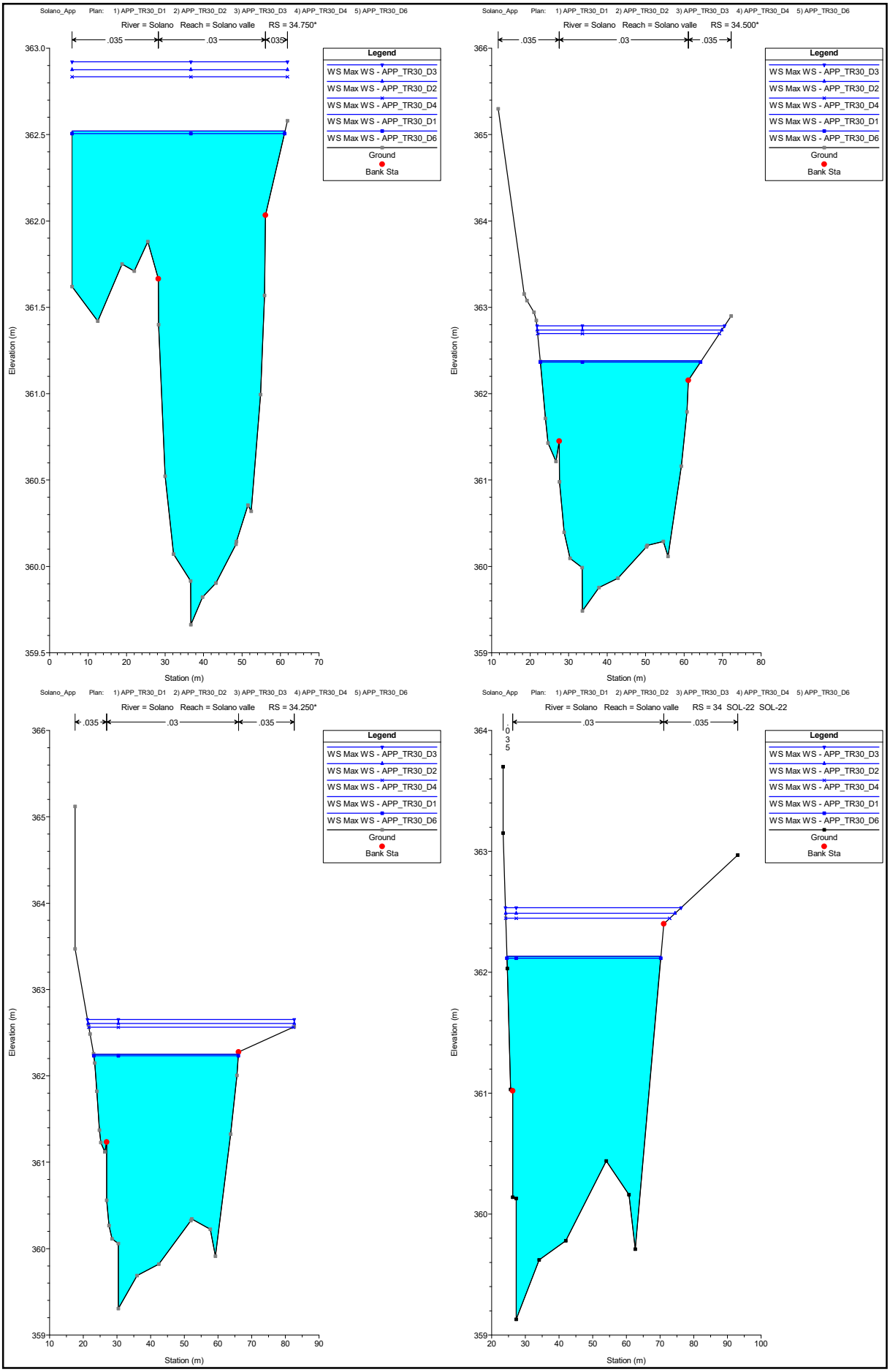

Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 37 SOL-25 SOL-25
.035
.03
.035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 36.933*
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 36.867*
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 36.800*
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)

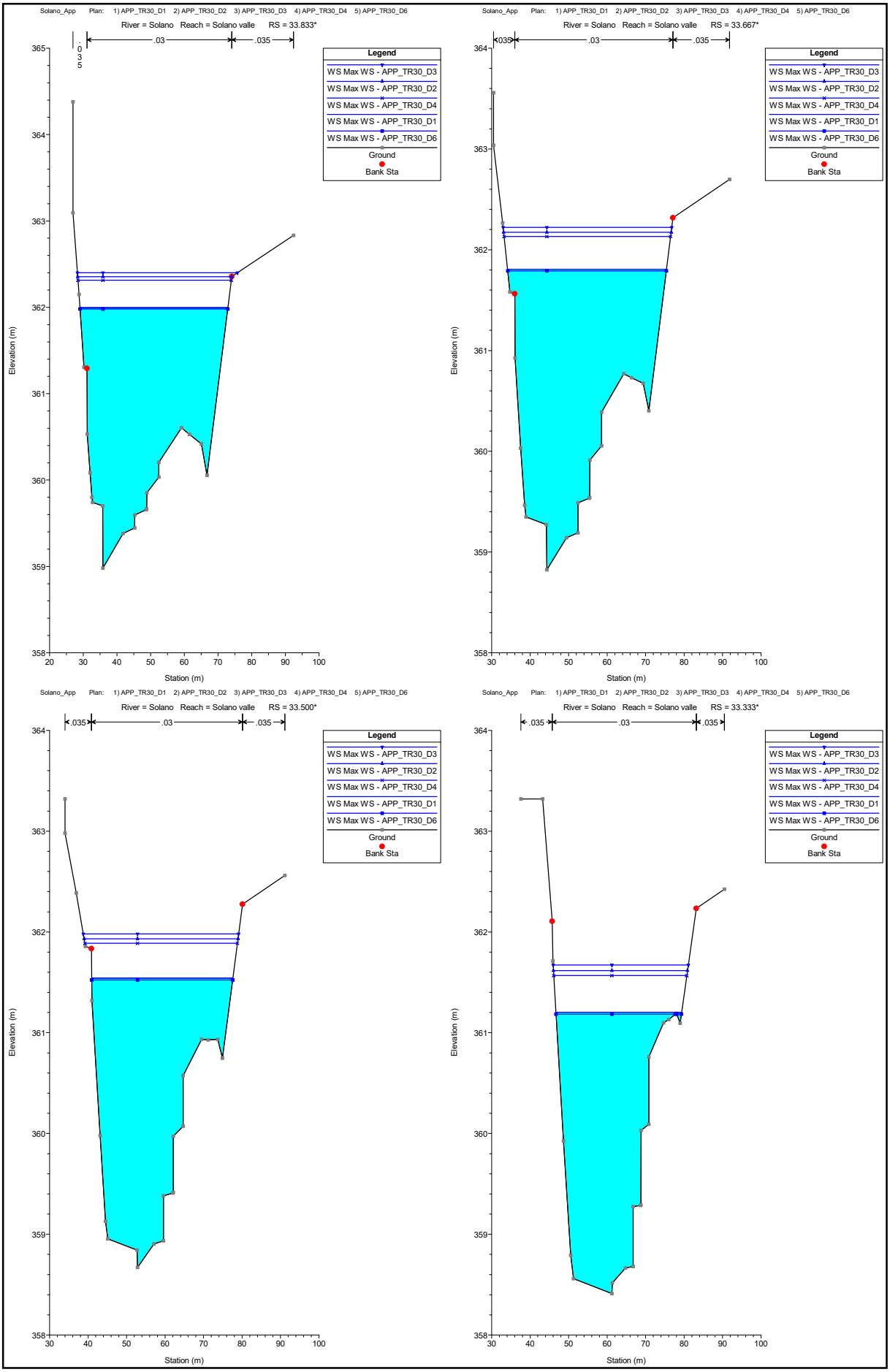

Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 36.733*
.035 .03 .035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 36.667*
.035 .03 .035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 36.600*
.035 .03 .035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 36.533*
.035 .03 .035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)

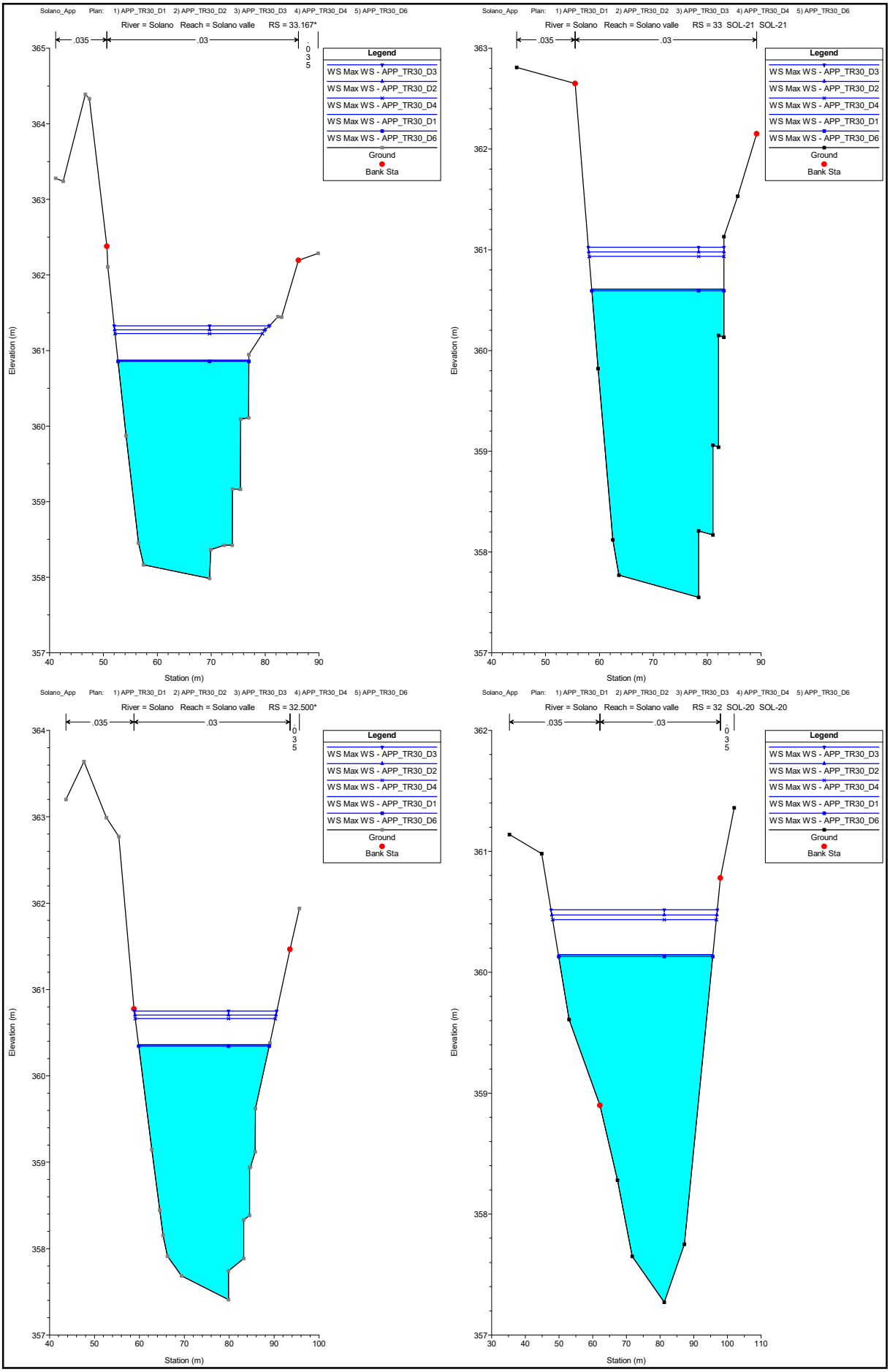

Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 36.467*
.035
.03
.035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 36.400*
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 36.333*
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 36.267*

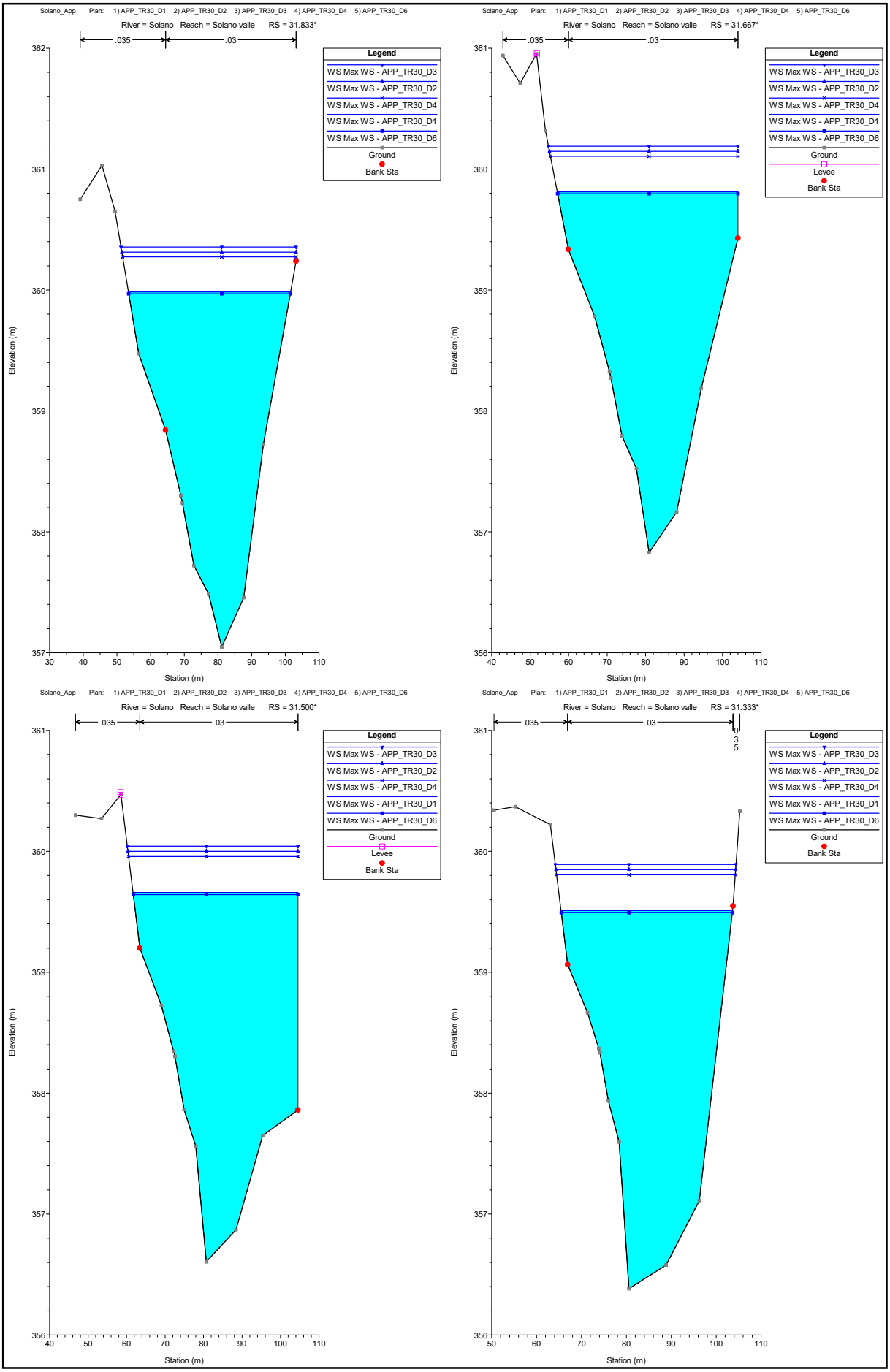

Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 36.200*
.035
.03
.035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 36.133*
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 36.067*
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 36 SOL-24 SOL-24

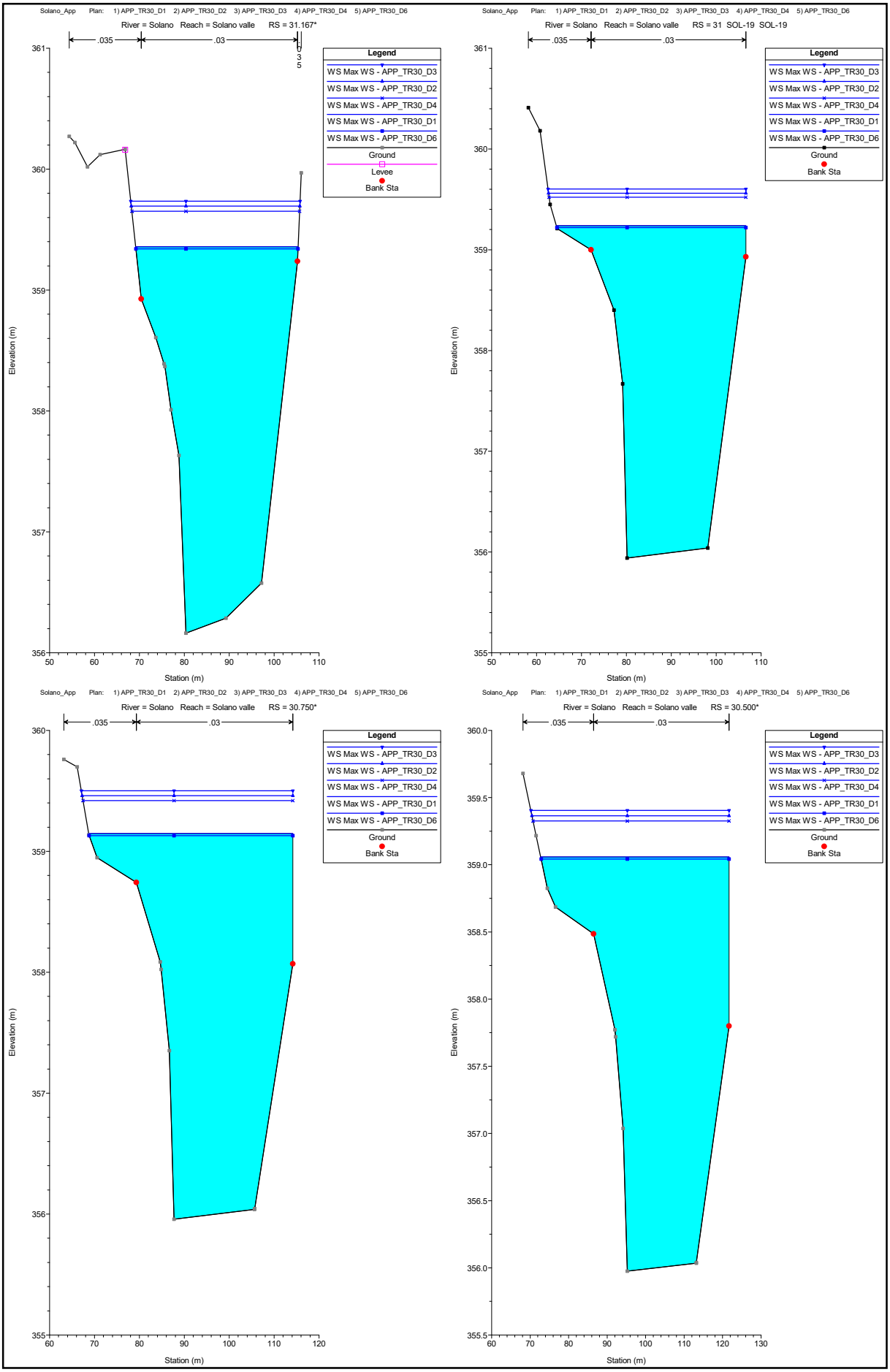

Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 35.750*
.035
.03
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 35.500*
.035
.03
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 35.250*
.035
.03
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 35 SOL-23 SOL-23
.035
.03
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)

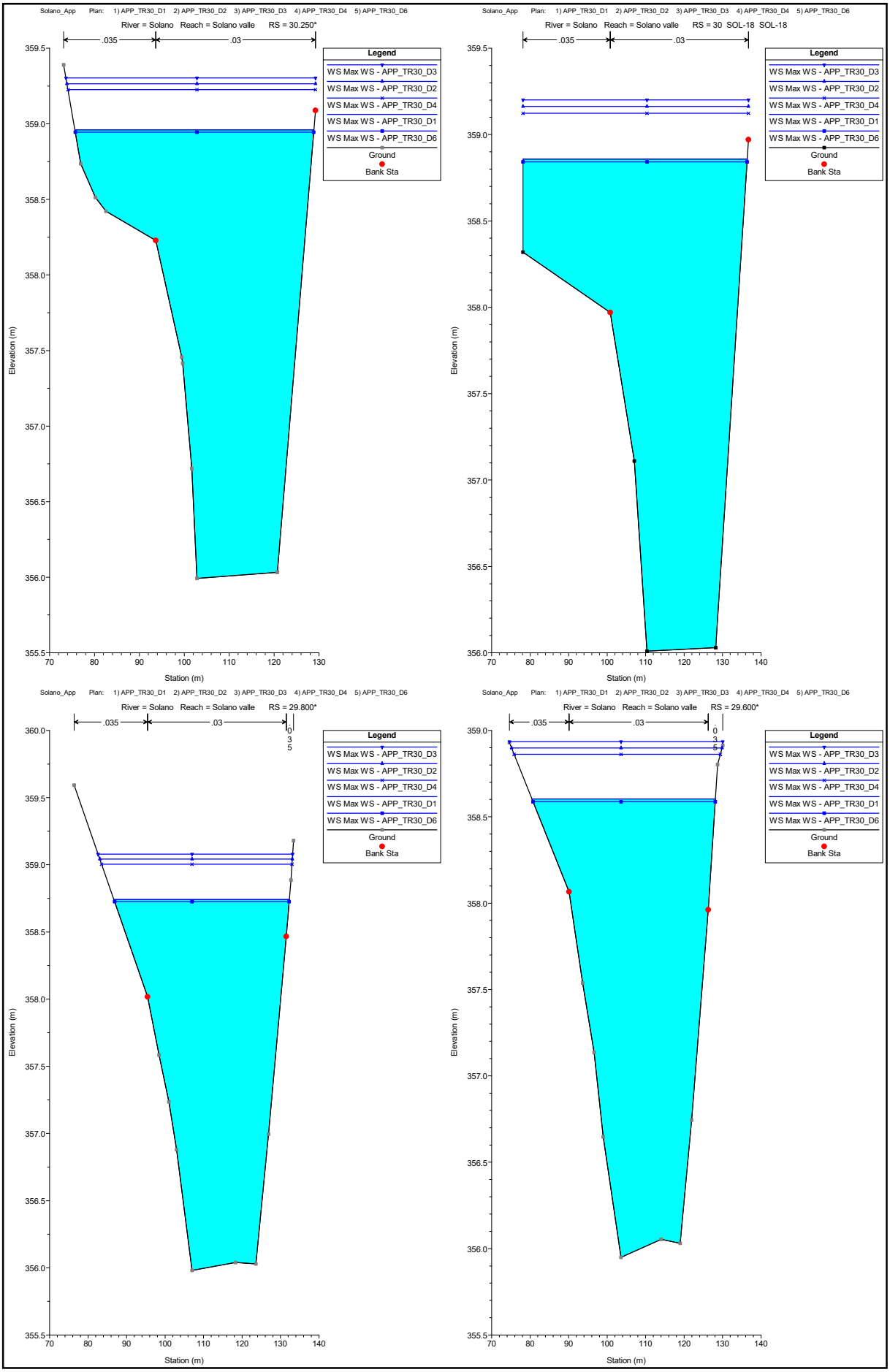

Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 34.750*
.035
.03
.035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 34.500*
.035
.03
.035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 34.250*
.035
.03
.035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 34 SOL-22 SOL-22
.03
.035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)

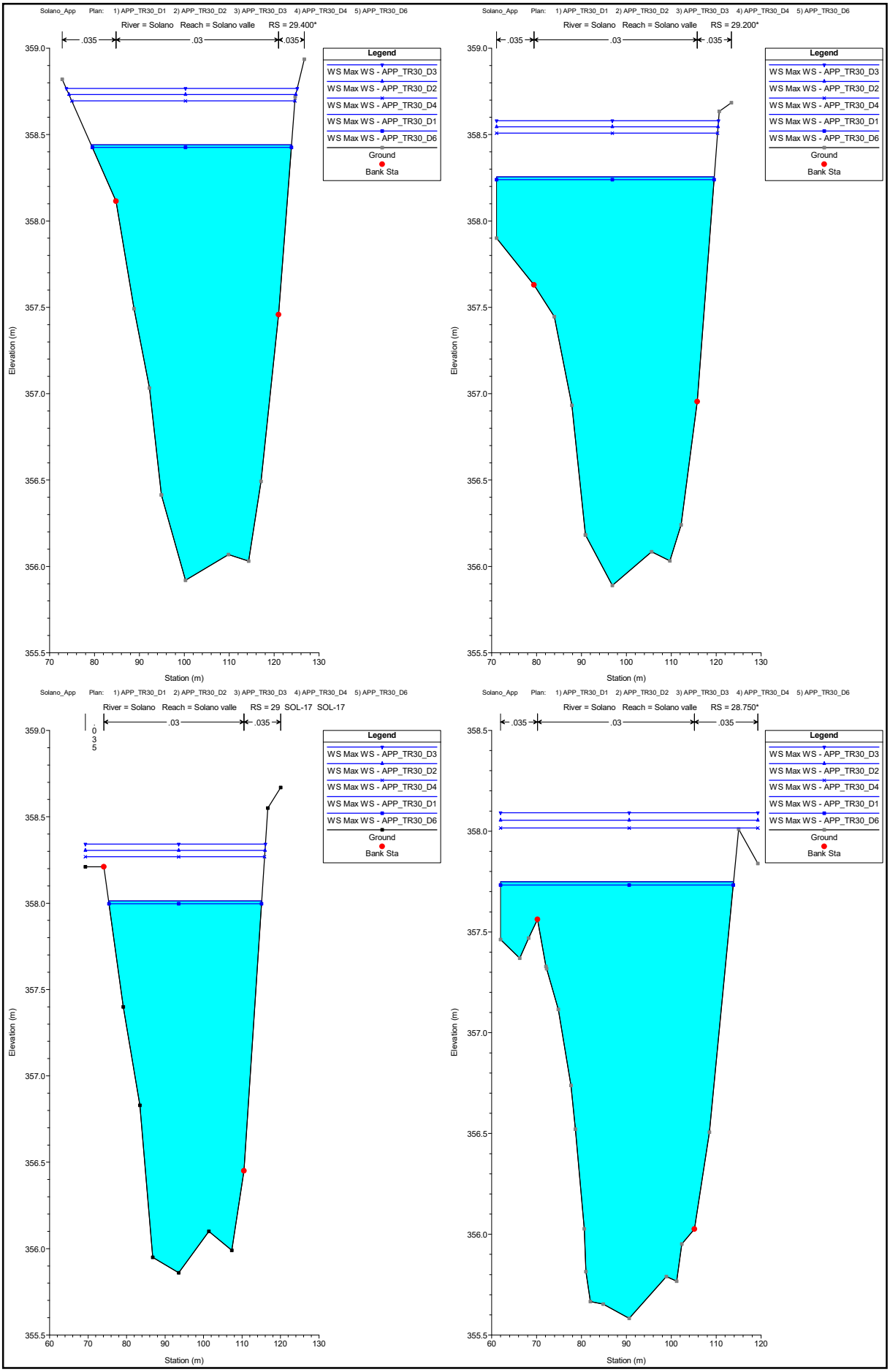

Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 33.833*
.03
.035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 33.667*
.035
.03
.035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 33.500*
.035
.03
.035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 33.333*
.035
.03
.035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)

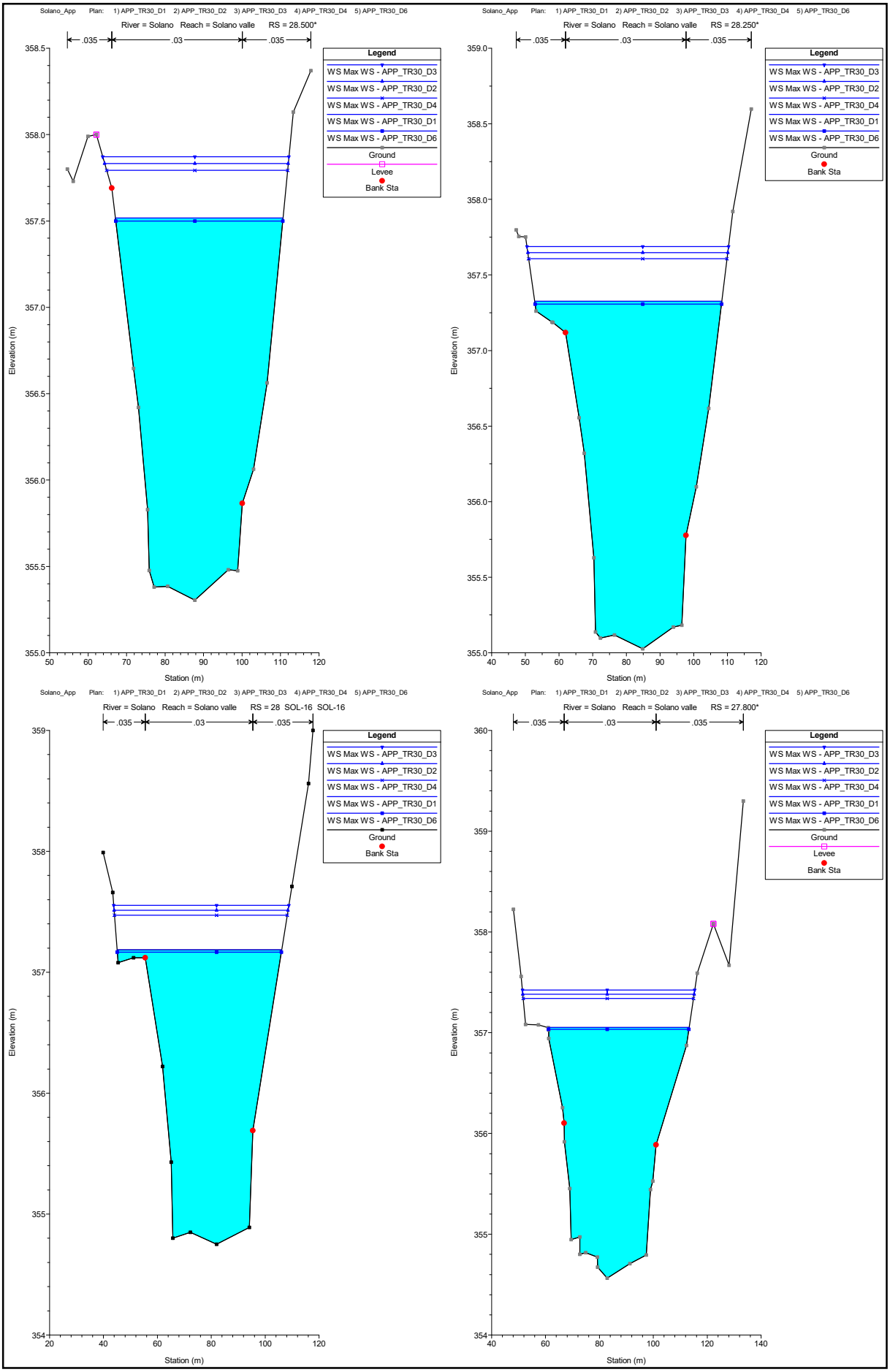

Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 33.167*
.035
.03
.035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 33 SOL-21 SOL-21
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 32.500*
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 32 SOL-20 SOL-20
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)

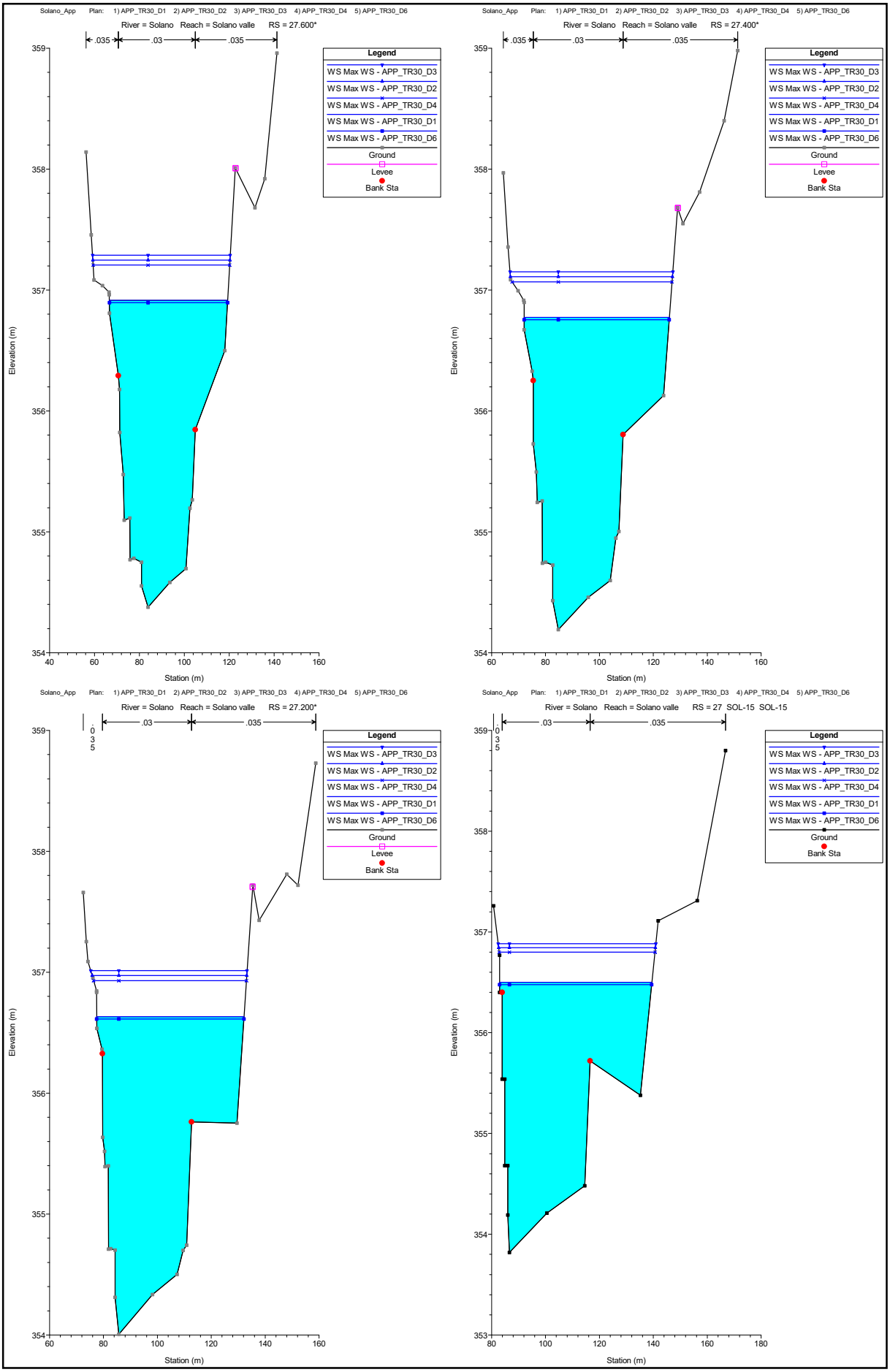

Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 31.833*
.035
.03
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 31.667*
.035
.03
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 31.500*
.035
.03
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 31.333*
.035
.03
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)

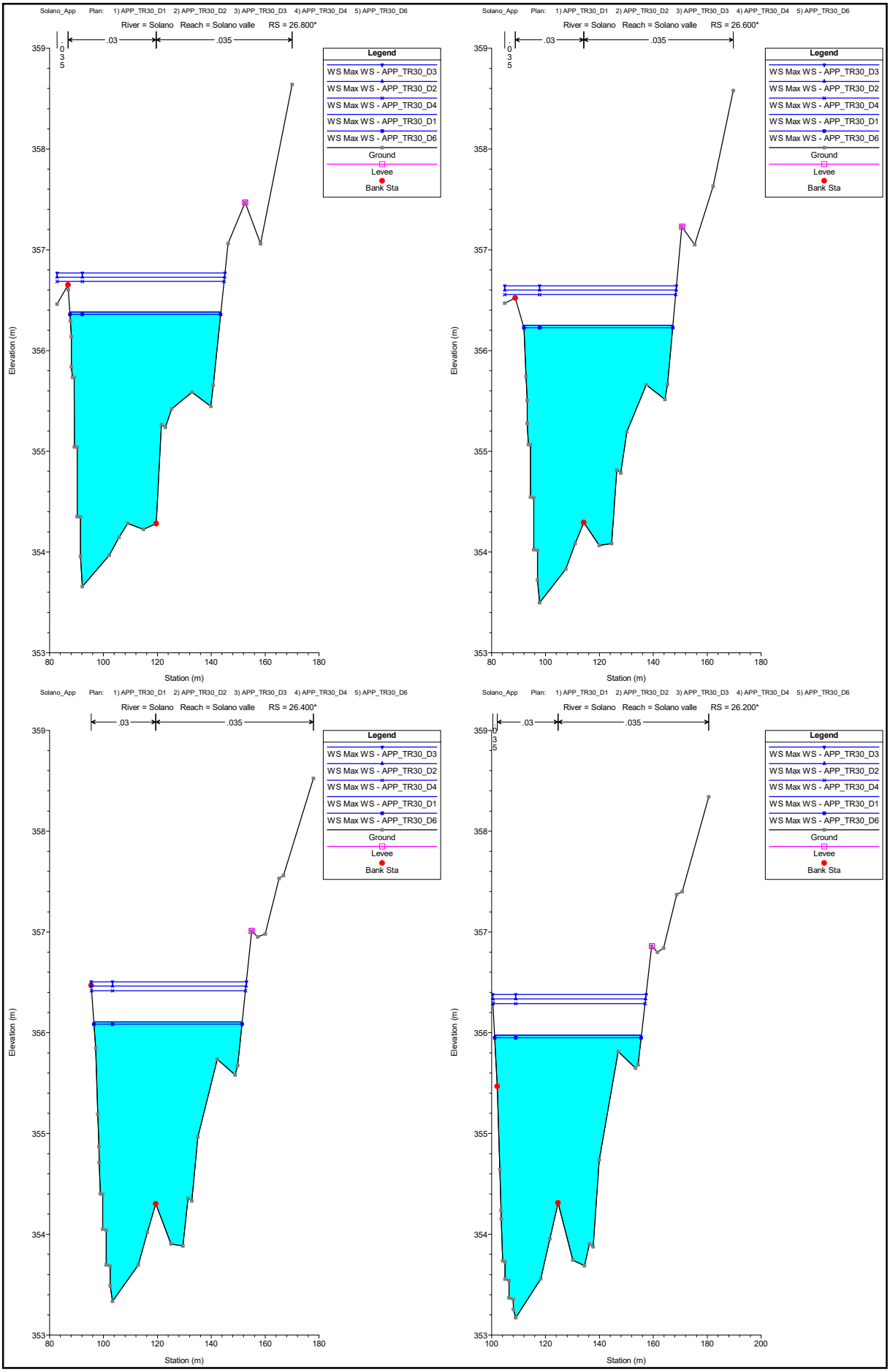

Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 31.167*
.035
.03
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 31 SOL-19 SOL-19
.035
.03
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 30.750*
.035
.03
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 30.500*
.035
.03
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)

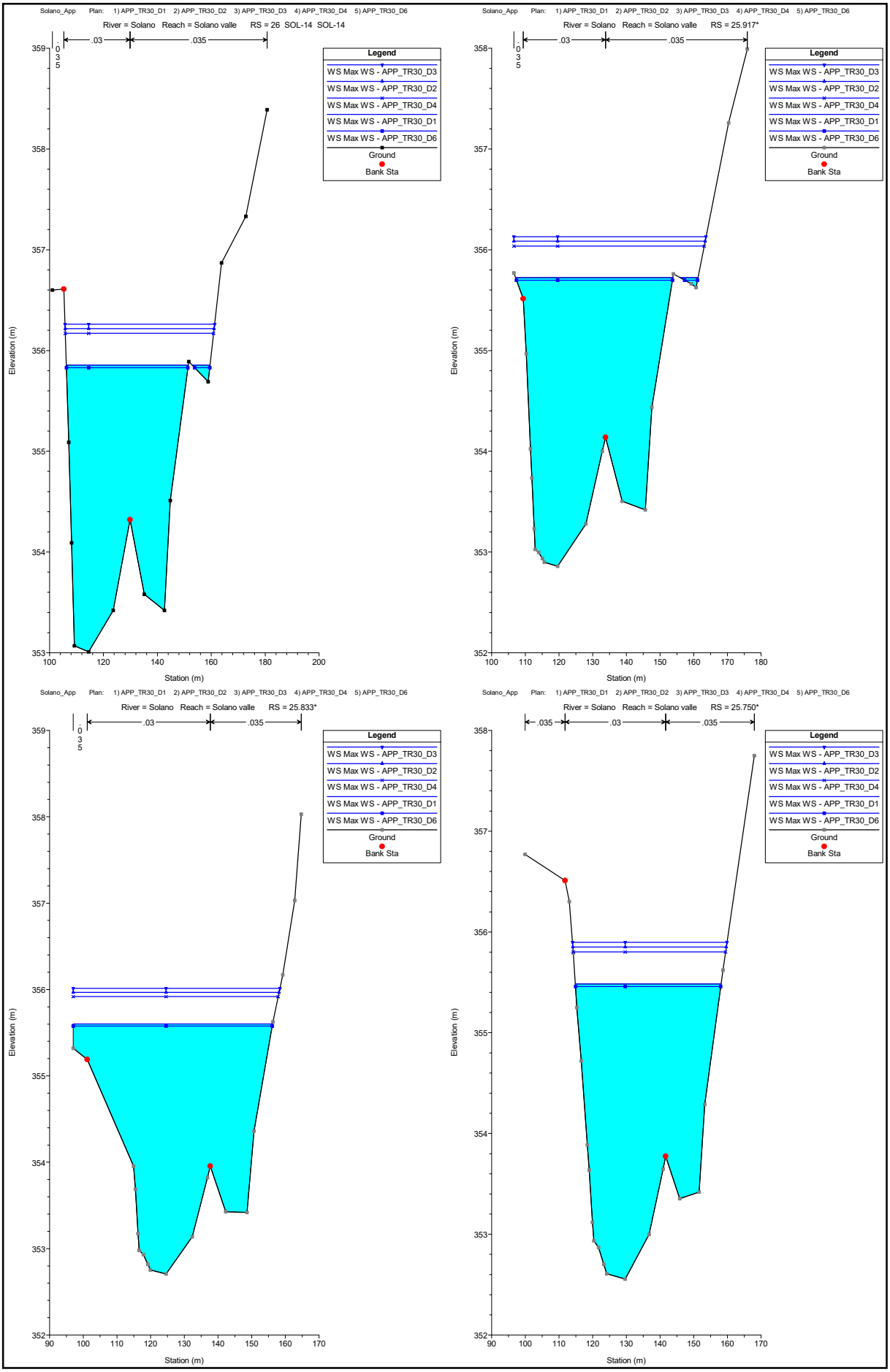

Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 30.250*
.035
.03
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 30 SOL-18 SOL-18
.035
.03
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 29.800*
.035
.03
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 29.600*
.035
.03
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)

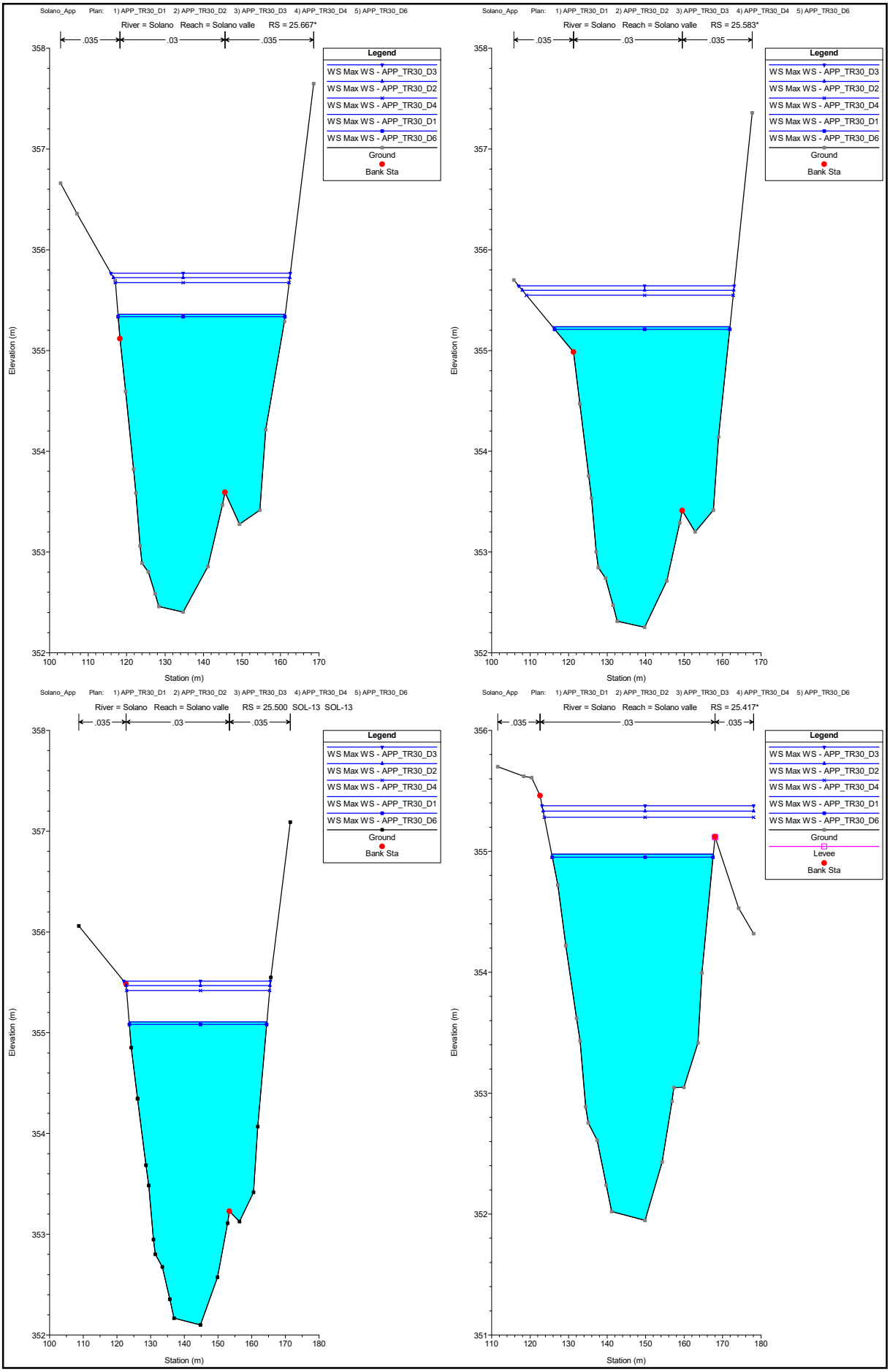

Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 29.400*
.035
.03
.035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 29.200*
.035
.03
.035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 29 SOL-17 SOL-17
.03
.035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 28.750*
.035
.03
.035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)

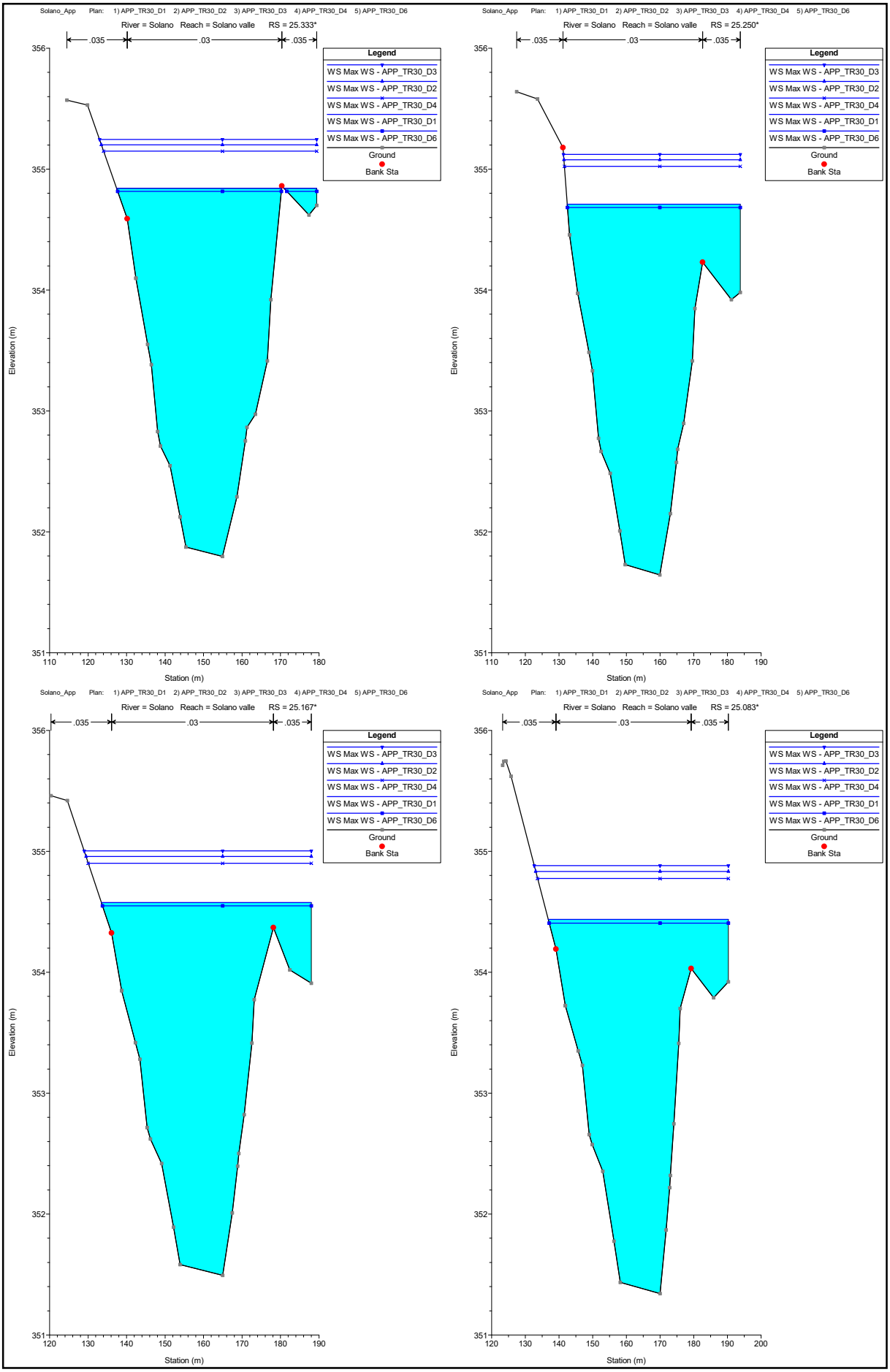

Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 28.500*
.035 .03 .035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 28.250*
.035 .03 .035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 28 SOL-16 SOL-16
.035 .03 .035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 27.800*
.035 .03 .035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)


Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 27.600*
.035 .03 .035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 27.400*
.035 .03 .035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 27.200*
.03 .035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 27 SOL-15 SOL-15
.03 .035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)


Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 26.800*
.03
.035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 26.600*
.03
.035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 26.400*
.03
.035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 26.200*
.03
.035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)


Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 26 SOL-14 SOL-14
.03
.035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 25.917*
.03
.035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 25.833*
.03
.035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 25.750*
.035
.03
.035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)


Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 25.667*
.035 .03 .035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 25.583*
.035 .03 .035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 25.500 SOL-13 SOL-13
.035 .03 .035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 25.417*
.035 .03 .035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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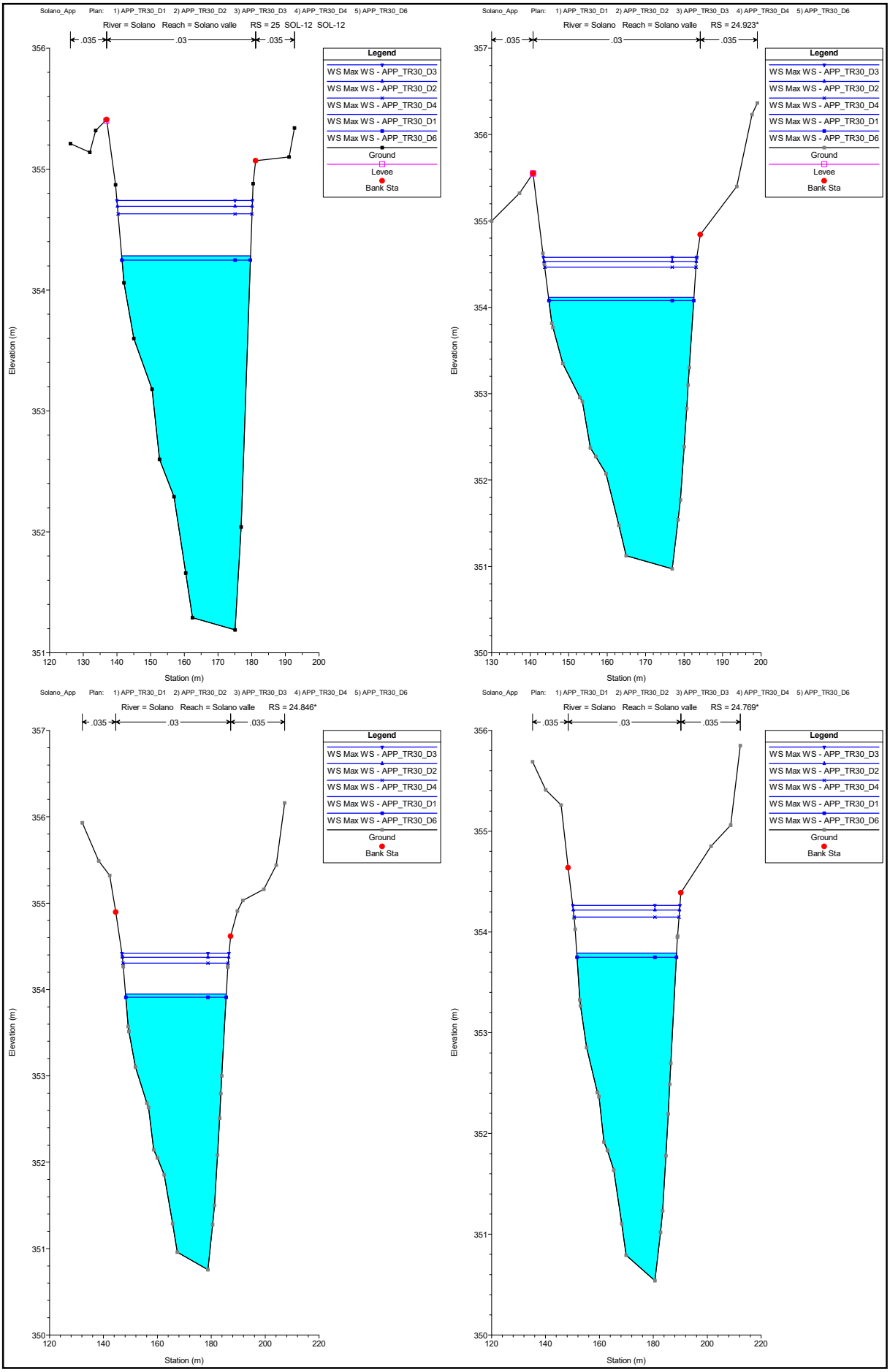
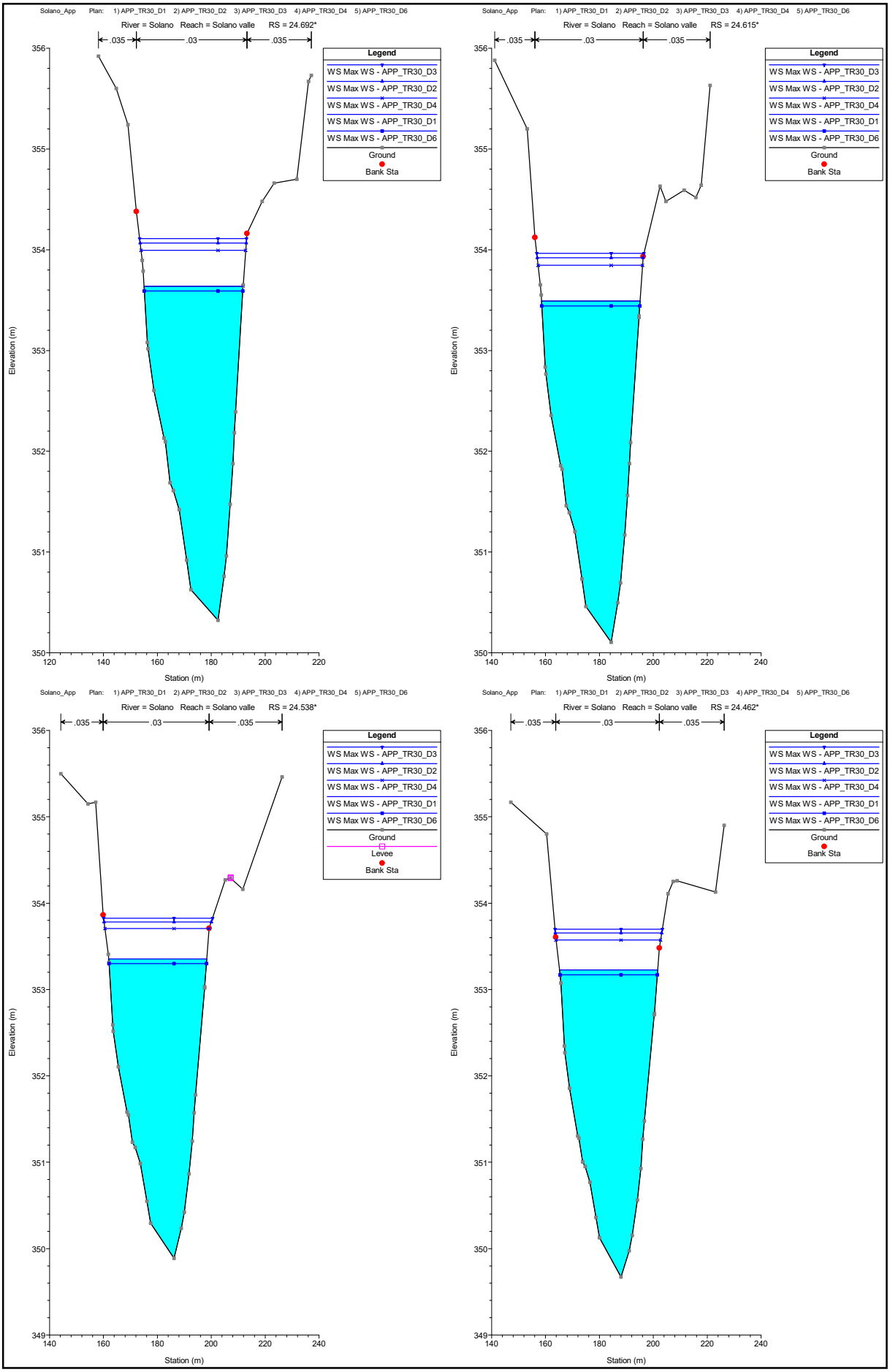
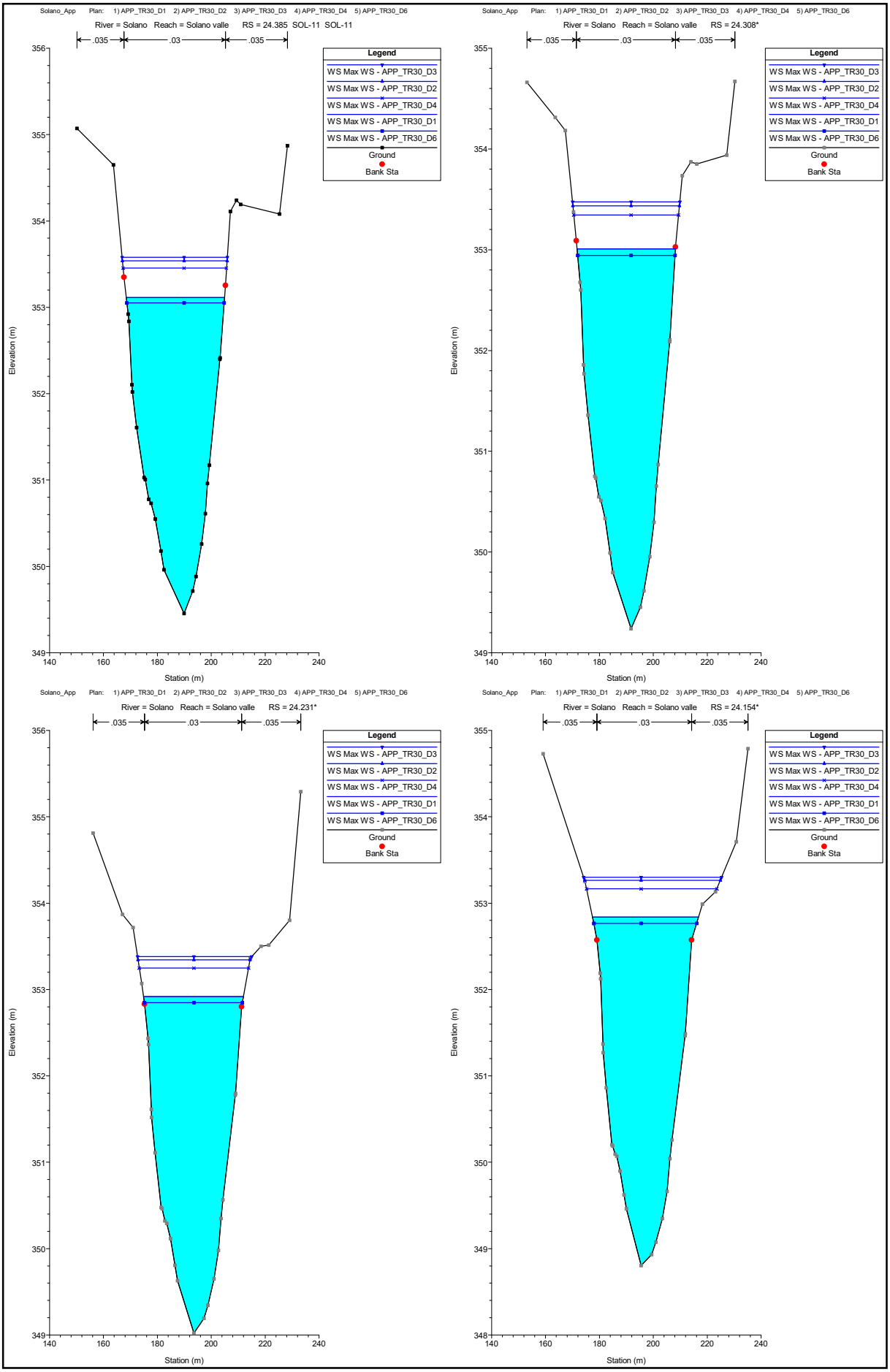
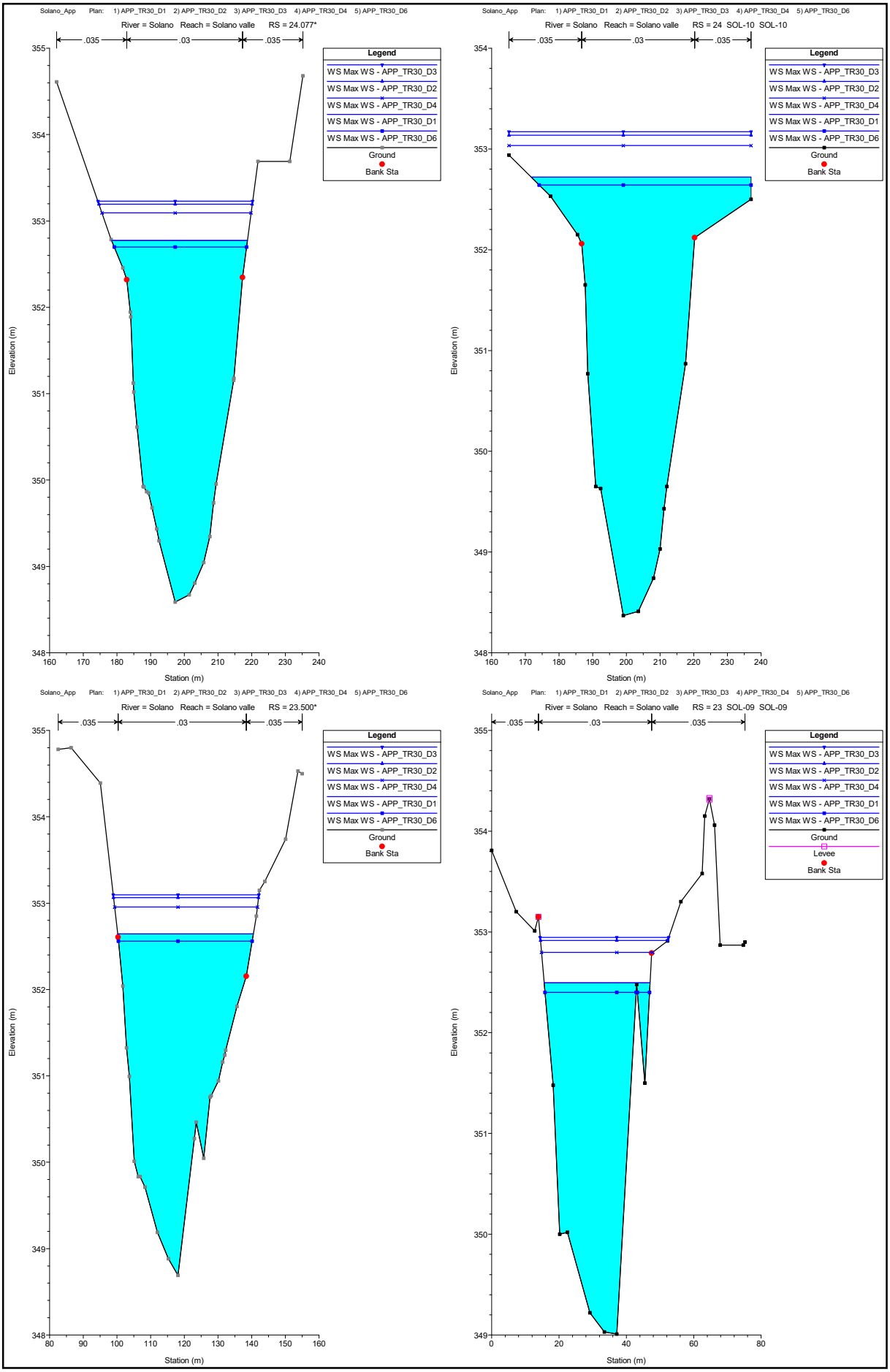
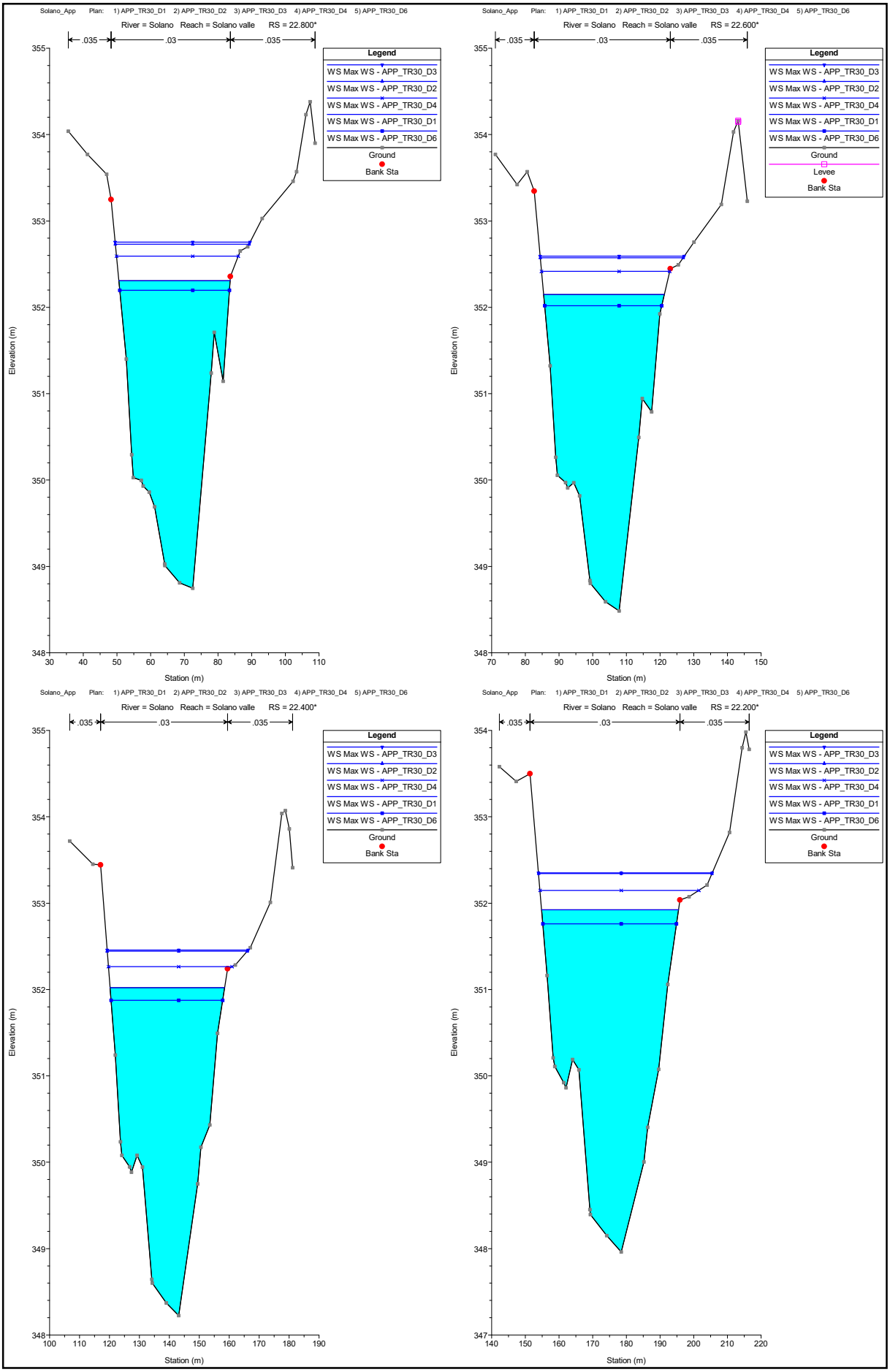
River = Solano Reach = Solano valle RS = 25.333*
.035
.03
.035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 25.250*
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 25.167*
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 25.083*

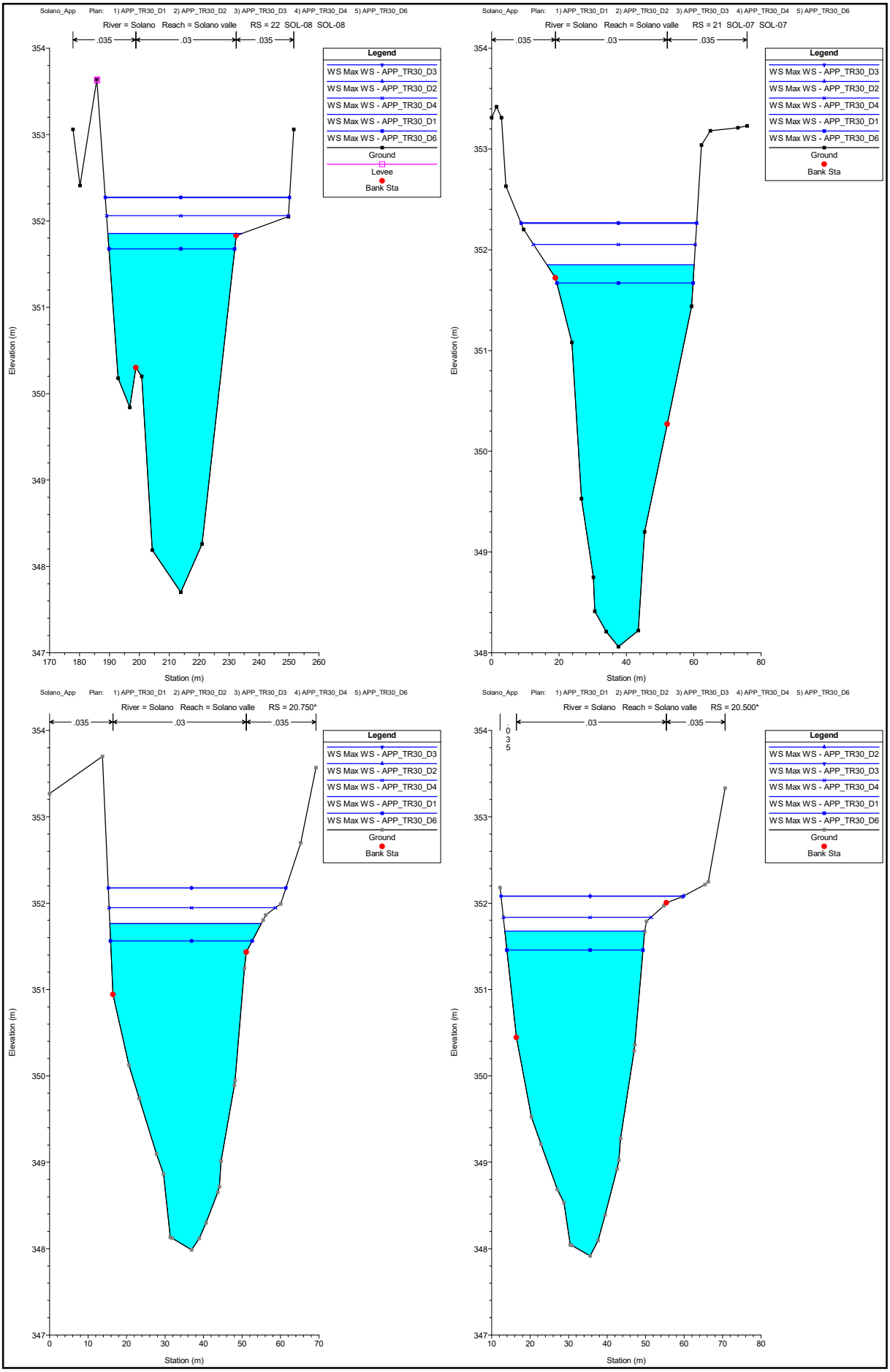

Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 25 SOL-12 SOL-12
.035
.03
.035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 24.923*
.035
.03
.035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 24.846*
.035
.03
.035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 24.769*
.035
.03
.035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)

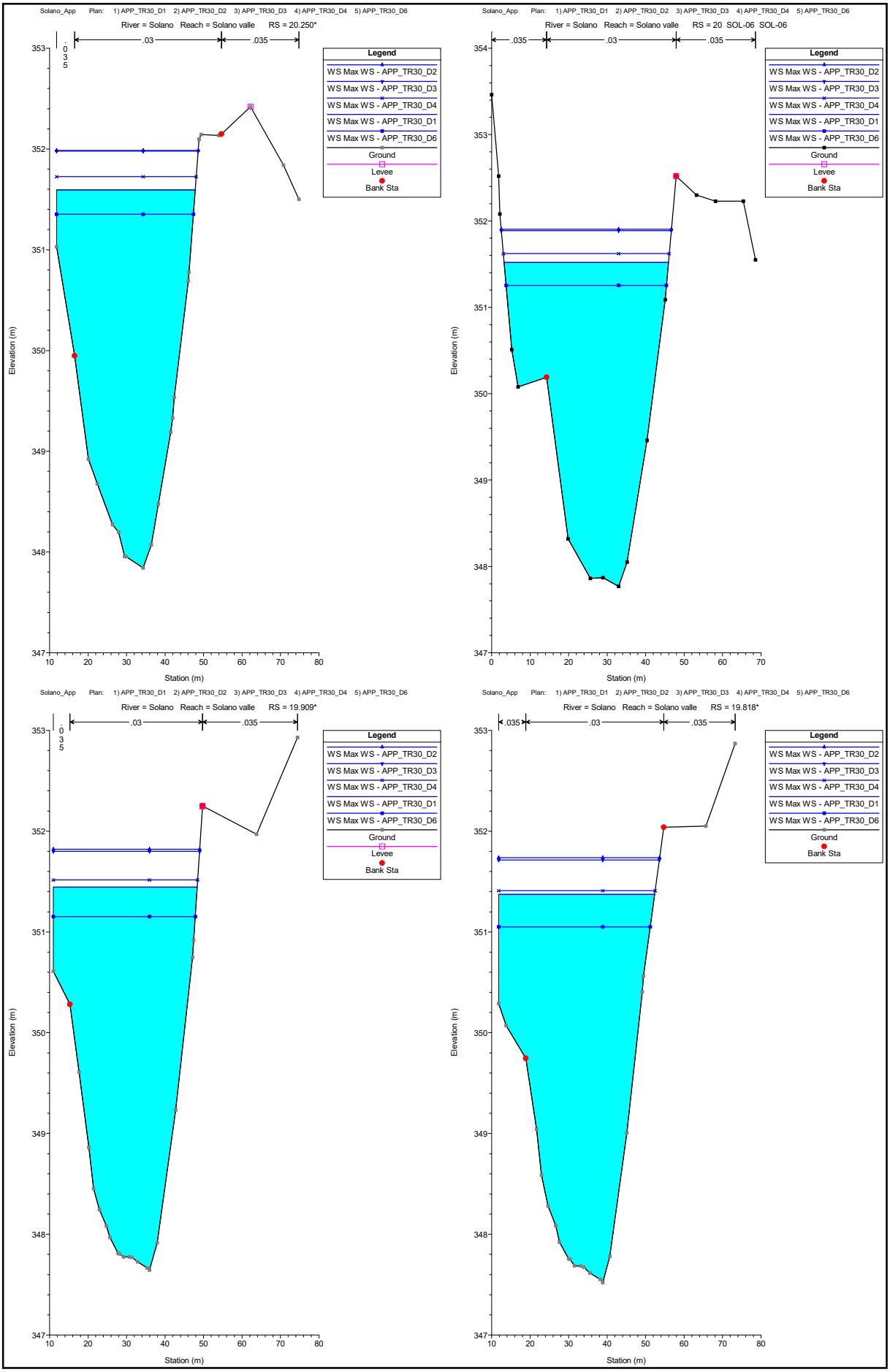

Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 24.692*
.035 .03 .035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 24.615*
.035 .03 .035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 24.538*
.035 .03 .035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 24.462*
.035 .03 .035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)

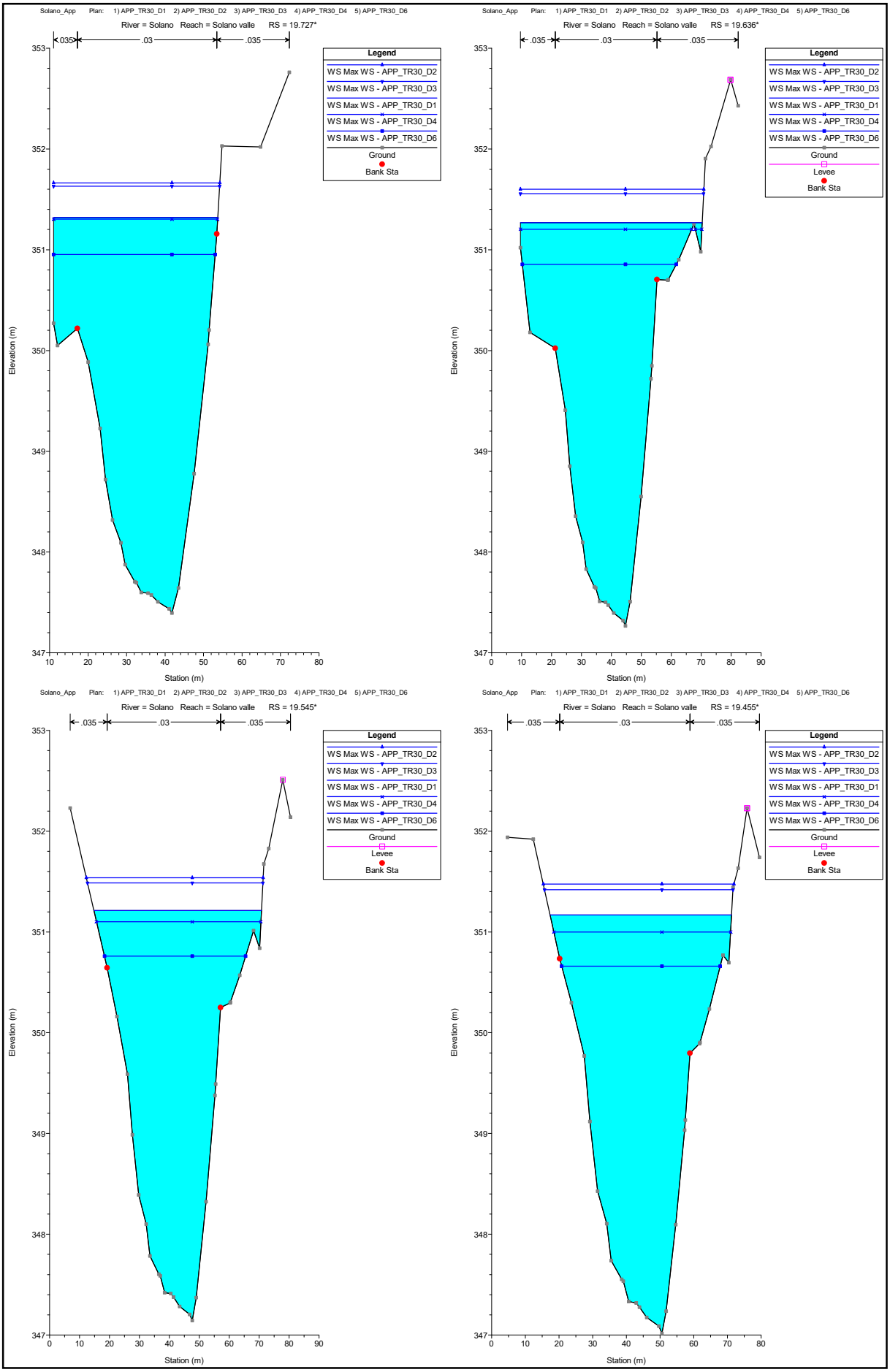

Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 24.385 SOL-11 SOL-11
.035 .03 .035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 24.308*
.035 .03 .035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 24.231*
.035 .03 .035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 24.154*
.035 .03 .035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)

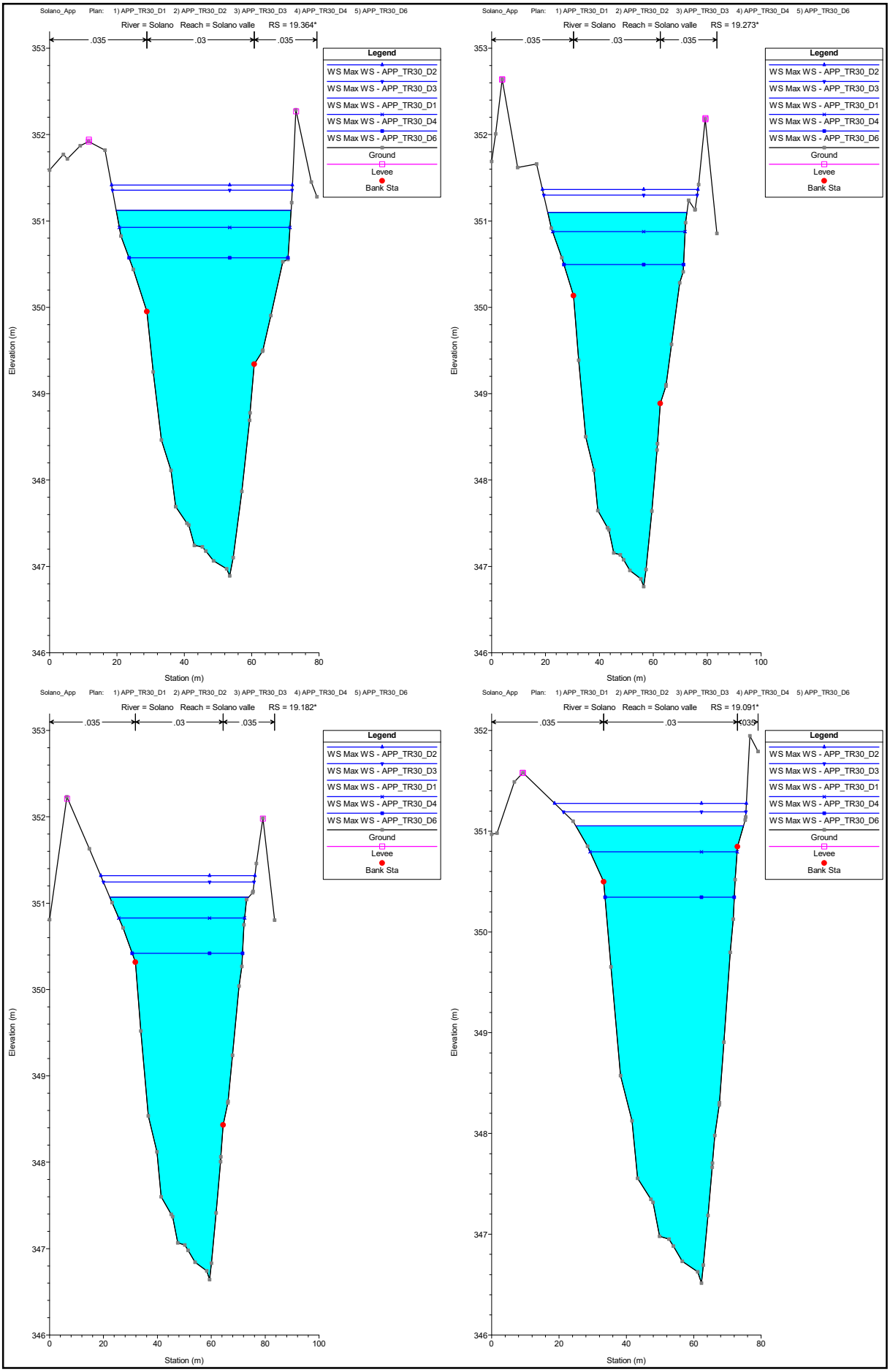

Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 24.077*
.035
.03
.035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 24 SOL-10 SOL-10
.035
.03
.035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 23.500*
.035
.03
.035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 23 SOL-09 SOL-09
.035
.03
.035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)

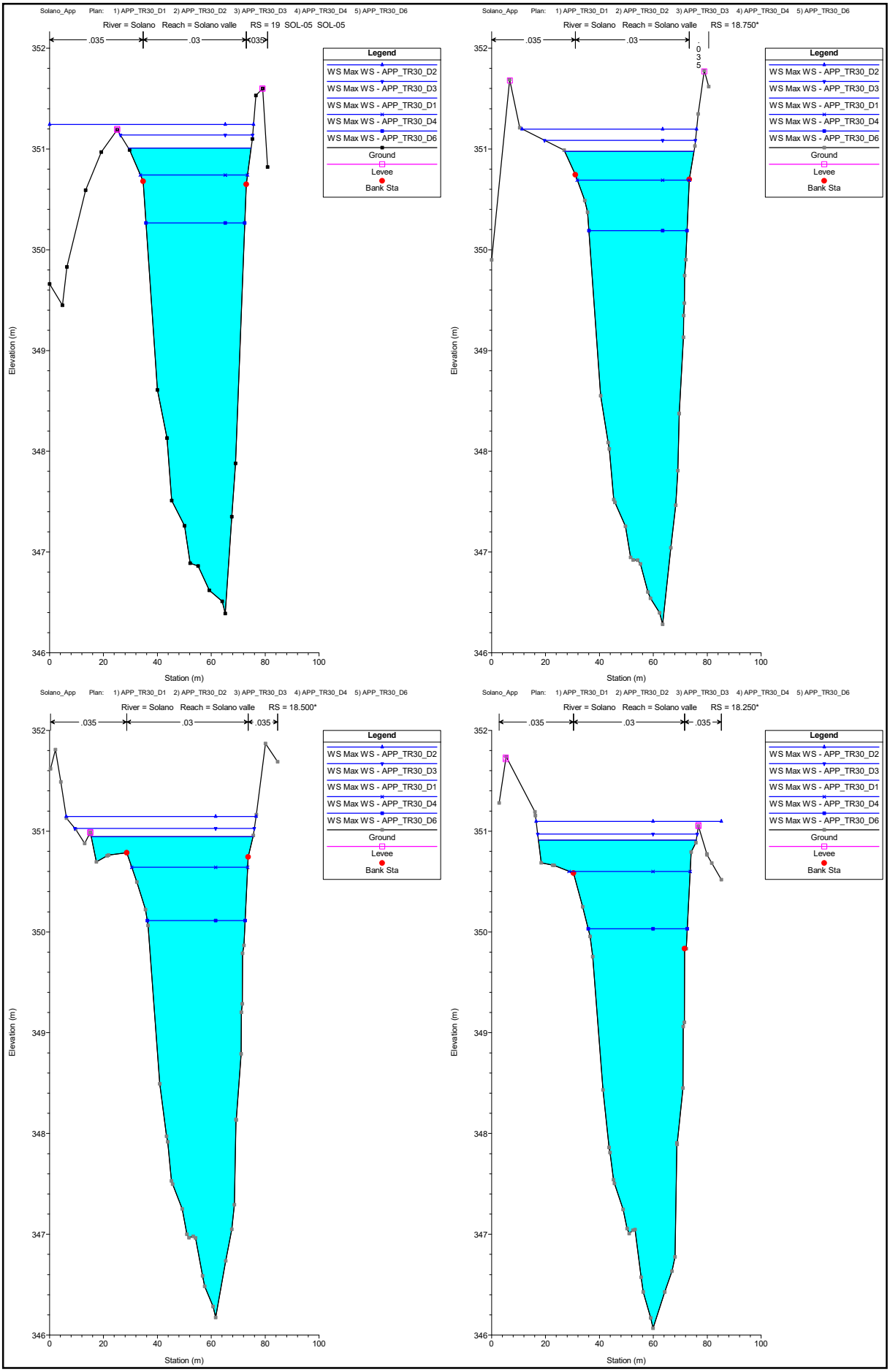

Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 22.800*
.035
.03
.035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 22.600*
.035
.03
.035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 22.400*
.035
.03
.035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 22.200*
.035
.03
.035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)

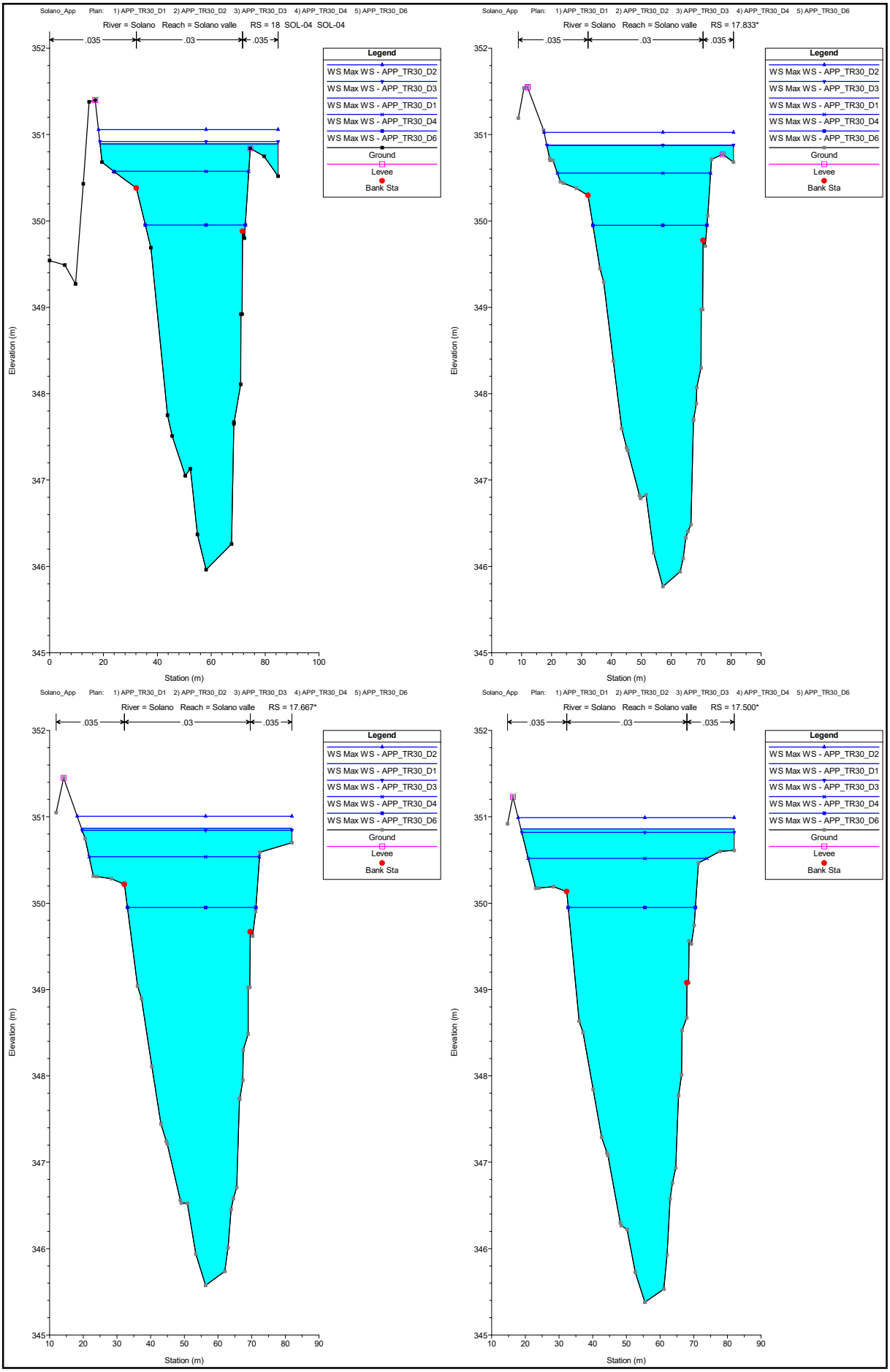

Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 22 SOL-08 SOL-08
.035 .03 .035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 21 SOL-07 SOL-07
.035 .03 .035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 20.750*
.035 .03 .035
Legend
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 20.500*
.03 .035
Legend
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)

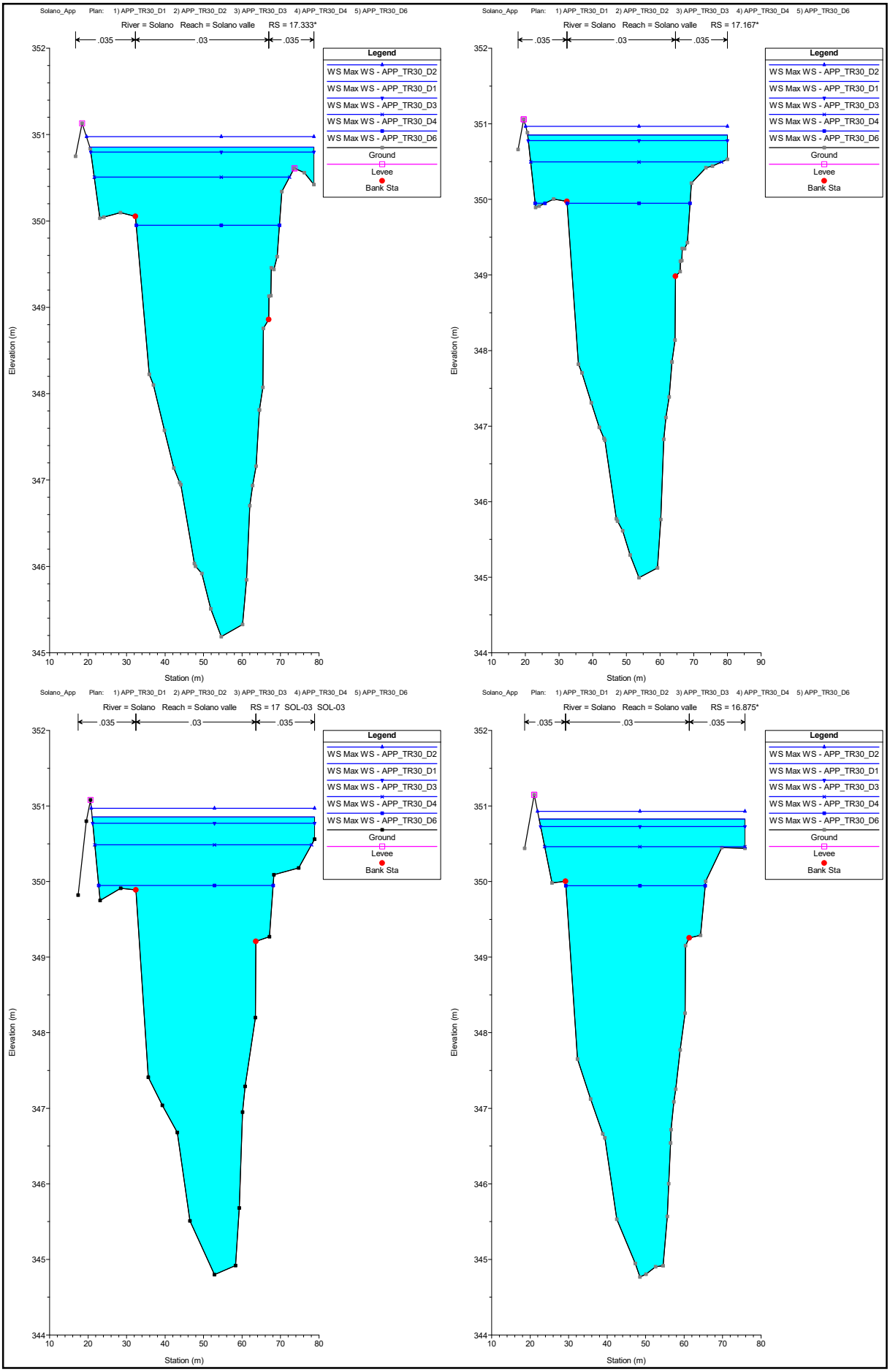

Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 20.250*
.03
.035
Legend
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 20 SOL-06 SOL-06
.035
.03
.035
Legend
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 19.909*
.03
.035
Legend
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 19.818*
.035
.03
.035
Legend
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)

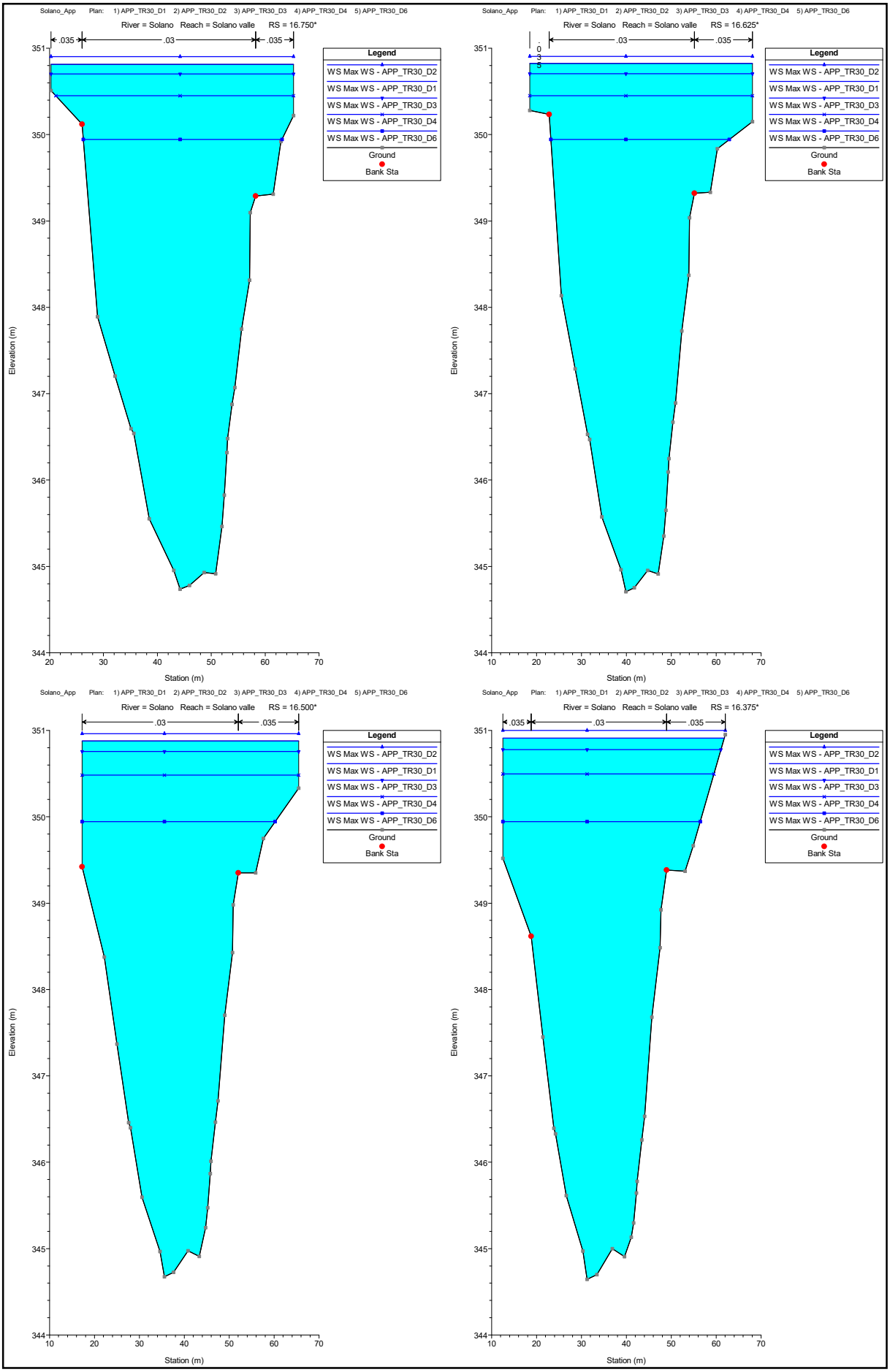

Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 19.727*
.035 .03 .035
Legend
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 19.636*
.035 .03 .035
Legend
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 19.545*
.035 .03 .035
Legend
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 19.455*
.035 .03 .035
Legend
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)

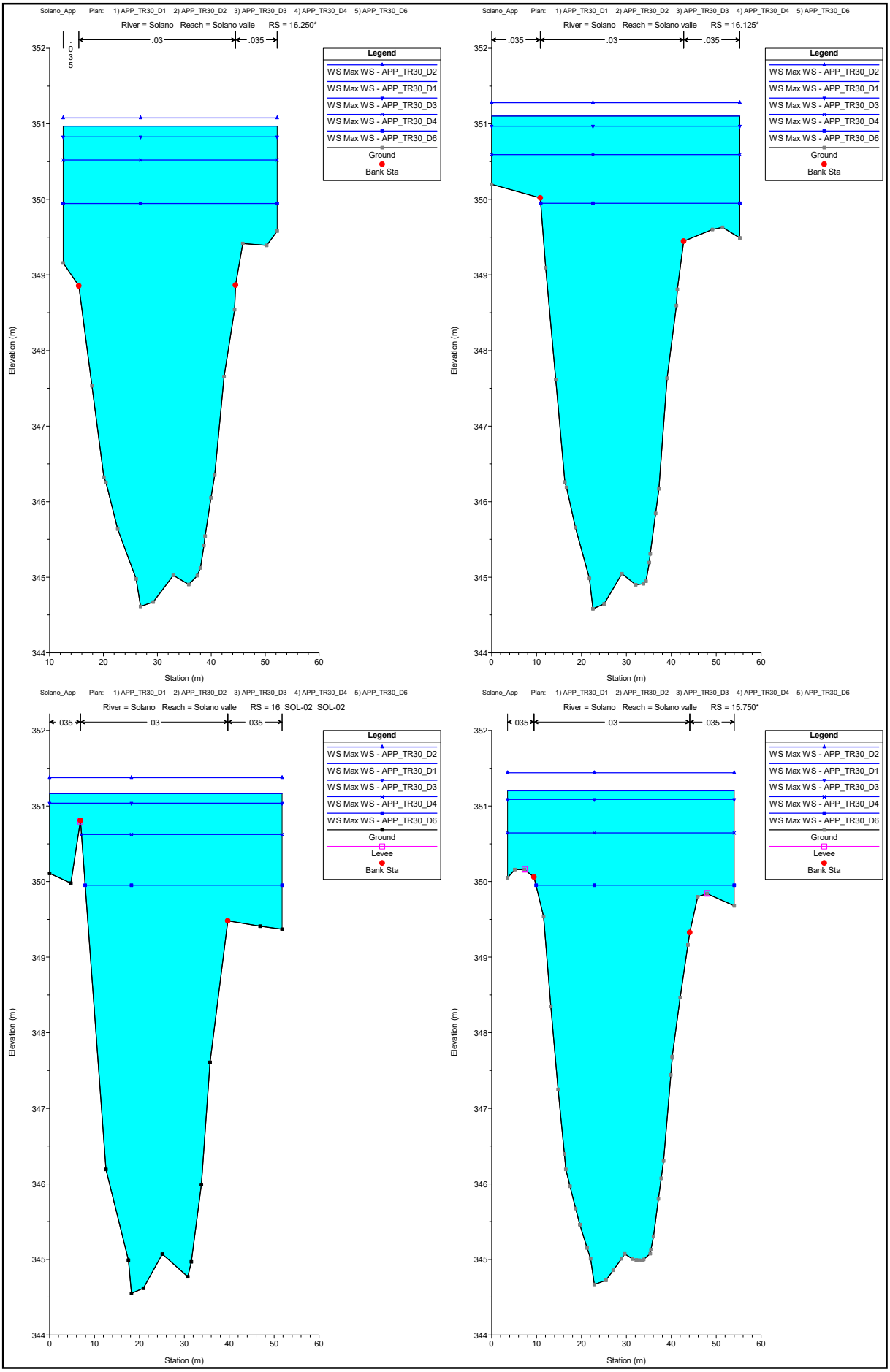

Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 19.364*
.035 .03 .035
Legend
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 19.273*
.035 .03 .035
Legend
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 19.182*
.035 .03 .035
Legend
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 19.091*
.035 .03 .035
Legend
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)

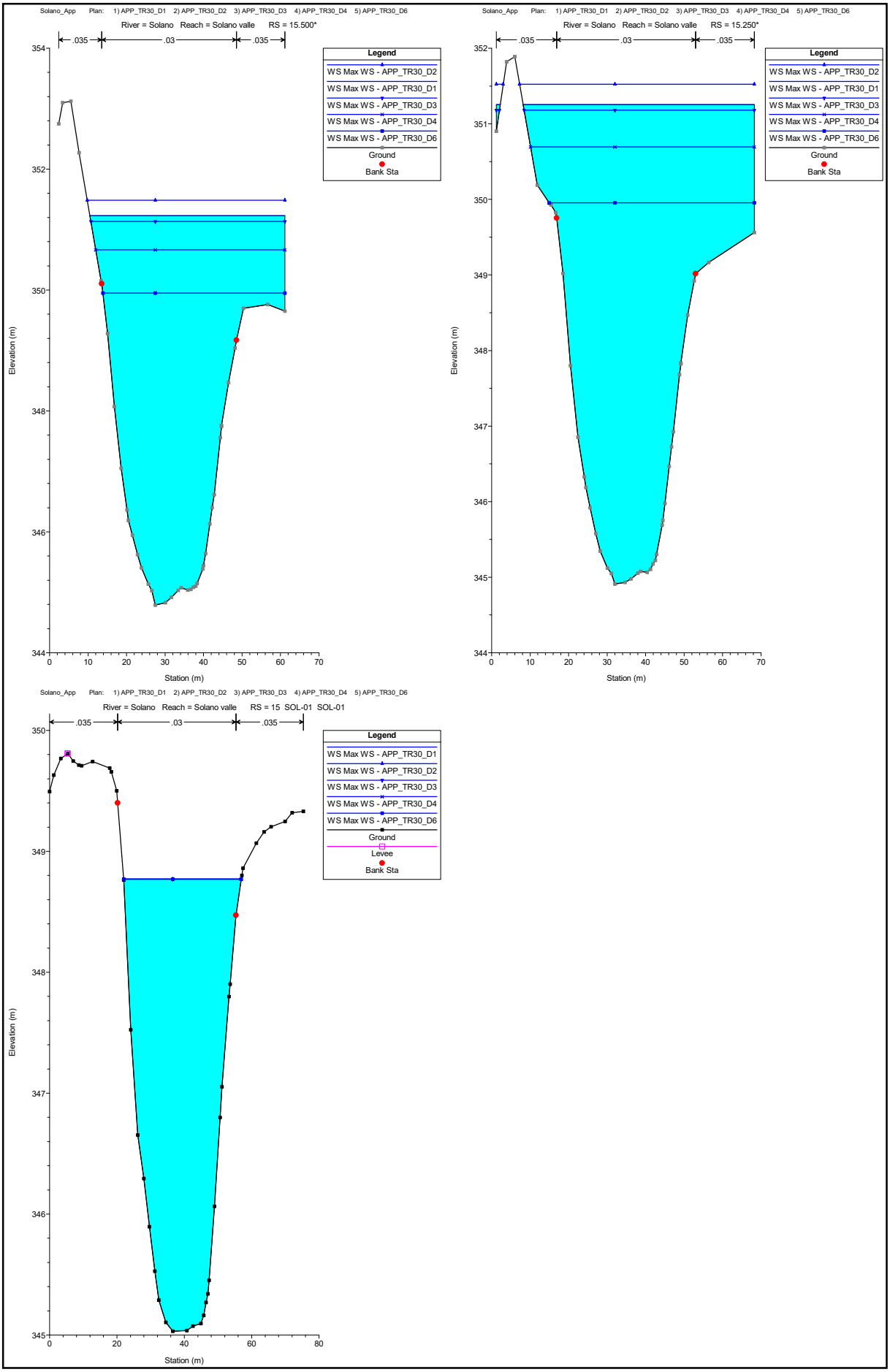

Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 19 SOL-05 SOL-05
.035 .03 .035
Legend
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 18.750*
.035 .03
Legend
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 18.500*
.035 .03 .035
Legend
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 18.250*
.035 .03 .035
Legend
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)


Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 18 SOL-04 SOL-04
River = Solano Reach = Solano valle RS = 17.833*
River = Solano Reach = Solano valle RS = 17.667*
River = Solano Reach = Solano valle RS = 17.500*
.035
.03
.035
Legend
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)


Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 17.333*
.035 .03 .035
Legend
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 17.167*
.035 .03 .035
Legend
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 17 SOL-03 SOL-03
.035 .03 .035
Legend
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 16.875*
.035 .03 .035
Legend
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)


Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 16.750*
.035
.03
.035
Legend
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 16.625*
.03
.035
Legend
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 16.500*
.03
.035
Legend
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 16.375*
.035
.03
.035
Legend
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)


Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 16.250*
.035
.03
.035
Legend
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 16.125*
.035
.03
.035
Legend
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 16 SOL-02 SOL-02
.035
.03
.035
Legend
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 15.750*
.035
.03
.035
Legend
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)


Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 15.500*
.035
.03
.035
Legend
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 15.250*
.035
.03
.035
Legend
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
Ground
Bank Sta
Elevation (m)
Station (m)
Solano_App Plan: 1) APP_TR30_D1 2) APP_TR30_D2 3) APP_TR30_D3 4) APP_TR30_D4 5) APP_TR30_D6
River = Solano Reach = Solano valle RS = 15 SOL-01 SOL-01
.035
.03
.035
Legend
WS Max WS - APP_TR30_D1
WS Max WS - APP_TR30_D2
WS Max WS - APP_TR30_D3
WS Max WS - APP_TR30_D4
WS Max WS - APP_TR30_D6
Ground
Levee
Bank Sta
Elevation (m)
Station (m)

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "SOLANO_APP"

SOLANO

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 1, 2, 3, 4 e 6 h

Dati idraulici

HEC-RAS Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Solano	130	Max WS	APP_TR30_D1	226.09	424.61	427.52	428.31	430.05	0.031417	7.05			32.09	18.16	1.69
Solano	130	Max WS	APP_TR30_D2	311.50	424.61	427.95	429.13	430.94	0.033316	7.66			40.67	21.32	1.77
Solano	130	Max WS	APP_TR30_D3	329.39	424.61	428.02	429.22	431.13	0.033448	7.81		0.28	42.19	21.69	1.78
Solano	130	Max WS	APP_TR30_D4	314.80	424.61	427.97	429.15	430.98	0.033447	7.69			40.95	21.42	1.78
Solano	130	Max WS	APP_TR30_D6	244.70	424.61	427.62	428.51	430.26	0.031526	7.19			34.05	18.76	1.70
Solano	120	Max WS	APP_TR30_D1	226.06	422.63	425.23	425.92	427.49	0.032376	6.66			33.94	21.99	1.71
Solano	120	Max WS	APP_TR30_D2	311.47	422.63	425.58	426.47	428.39	0.033230	7.42			41.99	23.44	1.77
Solano	120	Max WS	APP_TR30_D3	329.40	422.63	425.65	426.62	428.56	0.033182	7.55			43.62	23.65	1.78
Solano	120	Max WS	APP_TR30_D4	314.78	422.63	425.60	426.51	428.42	0.033214	7.44			42.30	23.48	1.77
Solano	120	Max WS	APP_TR30_D6	244.69	422.63	425.31	426.05	427.70	0.032749	6.84			35.75	22.39	1.73
Solano	110	Max WS	APP_TR30_D1	226.05	421.93	424.05	424.88	426.73	0.041366	7.25			31.19	21.60	1.93
Solano	110	Max WS	APP_TR30_D2	311.46	421.93	424.42	425.37	427.62	0.040018	7.93			39.28	23.07	1.94
Solano	110	Max WS	APP_TR30_D3	329.39	421.93	424.49	425.52	427.79	0.039887	8.05			40.92	23.43	1.94
Solano	110	Max WS	APP_TR30_D4	314.78	421.93	424.43	425.39	427.66	0.039980	7.95			39.59	23.14	1.94
Solano	110	Max WS	APP_TR30_D6	244.69	421.93	424.14	425.00	426.94	0.041026	7.42			32.98	21.87	1.93
Solano	100	Max WS	APP_TR30_D1	226.01	419.64	421.91	422.30	423.52	0.018476	5.62			40.22	21.98	1.33
Solano	100	Max WS	APP_TR30_D2	311.44	419.64	422.29	422.83	424.36	0.019343	6.37		0.36	48.90	22.90	1.39
Solano	100	Max WS	APP_TR30_D3	329.39	419.64	422.37	422.94	424.53	0.019451	6.52	0.17	0.45	50.54	23.18	1.40
Solano	100	Max WS	APP_TR30_D4	314.77	419.64	422.31	422.86	424.39	0.019361	6.40		0.38	49.22	22.93	1.39
Solano	100	Max WS	APP_TR30_D6	244.69	419.64	422.00	422.42	423.71	0.018680	5.79			42.26	22.20	1.34
Solano	90	Max WS	APP_TR30_D1	226.00	417.92	419.99	420.51	421.75	0.025851	5.87			38.49	25.96	1.54
Solano	90	Max WS	APP_TR30_D2	311.42	417.92	420.35	421.03	422.49	0.025542	6.48			48.05	27.59	1.57
Solano	90	Max WS	APP_TR30_D3	329.39	417.92	420.42	421.11	422.63	0.025557	6.59			49.95	27.93	1.57
Solano	90	Max WS	APP_TR30_D4	314.75	417.92	420.36	421.04	422.52	0.025558	6.50			48.40	27.65	1.57
Solano	90	Max WS	APP_TR30_D6	244.68	417.92	420.07	420.63	421.92	0.025800	6.02			40.63	26.32	1.55
Solano	80 SOL-77	Max WS	APP_TR30_D1	225.96	415.49	417.50	417.78	418.79	0.017022	5.04			44.86	27.64	1.26
Solano	80 SOL-77	Max WS	APP_TR30_D2	311.40	415.49	417.87	418.25	419.48	0.016951	5.62			55.39	28.53	1.29
Solano	80 SOL-77	Max WS	APP_TR30_D3	329.38	415.49	417.95	418.34	419.62	0.016920	5.73			57.51	28.70	1.29
Solano	80 SOL-77	Max WS	APP_TR30_D4	314.75	415.49	417.89	418.26	419.51	0.016942	5.64			55.79	28.56	1.29
Solano	80 SOL-77	Max WS	APP_TR30_D6	244.68	415.49	417.58	417.89	418.95	0.017011	5.18			47.26	27.84	1.27
Solano	79.875*	Max WS	APP_TR30_D1	225.96	415.09	417.17	417.45	418.46	0.017025	5.03			44.90	27.84	1.27
Solano	79.875*	Max WS	APP_TR30_D2	311.39	415.09	417.54	417.91	419.14	0.016864	5.60			55.60	28.84	1.29
Solano	79.875*	Max WS	APP_TR30_D3	329.39	415.09	417.62	418.02	419.28	0.016807	5.70			57.77	29.04	1.29
Solano	79.875*	Max WS	APP_TR30_D4	314.75	415.09	417.56	417.93	419.17	0.016856	5.62			56.00	28.87	1.29
Solano	79.875*	Max WS	APP_TR30_D6	244.68	415.09	417.25	417.56	418.61	0.016981	5.17			47.34	28.07	1.27
Solano	79.750*	Max WS	APP_TR30_D1	225.96	414.68	416.83	417.12	418.12	0.017050	5.03			44.96	28.05	1.27
Solano	79.750*	Max WS	APP_TR30_D2	311.38	414.68	417.21	417.60	418.80	0.016790	5.58			55.85	29.19	1.29
Solano	79.750*	Max WS	APP_TR30_D3	329.39	414.68	417.29	417.71	418.93	0.016699	5.67			58.08	29.42	1.29
Solano	79.750*	Max WS	APP_TR30_D4	314.74	414.68	417.23	417.62	418.82	0.016773	5.59			56.27	29.24	1.29
Solano	79.750*	Max WS	APP_TR30_D6	244.67	414.68	416.92	417.22	418.28	0.016974	5.16			47.44	28.32	1.27
Solano	79.625*	Max WS	APP_TR30_D1	225.95	414.28	416.50	416.79	417.79	0.017131	5.02			45.01	28.29	1.27
Solano	79.625*	Max WS	APP_TR30_D2	311.38	414.28	416.89	417.27	418.45	0.016745	5.55			56.15	29.62	1.29
Solano	79.625*	Max WS	APP_TR30_D3	329.39	414.28	416.96	417.39	418.58	0.016707	5.63			58.46	30.02	1.29
Solano	79.625*	Max WS	APP_TR30_D4	314.73	414.28	416.90	417.29	418.48	0.016729	5.56			56.58	29.68	1.29
Solano	79.625*	Max WS	APP_TR30_D6	244.68	414.28	416.59	416.90	417.94	0.017030	5.15			47.54	28.60	1.27
Solano	79.500*	Max WS	APP_TR30_D1	225.95	413.88	416.17	416.46	417.45	0.017333	5.02			44.98	28.53	1.28
Solano	79.500*	Max WS	APP_TR30_D2	311.37	413.88	416.56	416.96	418.11	0.016901	5.51			56.46	30.32	1.29
Solano	79.500*	Max WS	APP_TR30_D3	329.38	413.88	416.63	417.18	418.23	0.016840	5.60			58.84	30.79	1.29
Solano	79.500*	Max WS	APP_TR30_D4	314.74	413.88	416.57	416.99	418.13	0.016893	5.53			56.90	30.41	1.29
Solano	79.500*	Max WS	APP_TR30_D6	244.68	413.88	416.26	416.57	417.60	0.017173	5.14			47.61	28.93	1.28
Solano	79.375*	Max WS	APP_TR30_D1	225.94	413.47	415.82	416.14	417.12	0.017715	5.04			44.81	28.70	1.29
Solano	79.375*	Max WS	APP_TR30_D2	311.37	413.47	416.22	416.74	417.76	0.017244	5.49			56.69	31.15	1.30
Solano	79.375*	Max WS	APP_TR30_D3	329.39	413.47	416.30	416.84	417.88	0.017143	5.57			59.16	31.68	1.30
Solano	79.375*	Max WS	APP_TR30_D4	314.73	413.47	416.24	416.76	417.78	0.017223	5.51			57.16	31.25	1.30
Solano	79.375*	Max WS	APP_TR30_D6	244.68	413.47	415.92	416.24	417.27	0.017553	5.15			47.53	29.30	1.29
Solano	79.250*	Max WS	APP_TR30_D1	225.94	413.07	415.47	415.81	416.80	0.018456	5.10			44.34	28.78	1.31
Solano	79.250*	Max WS	APP_TR30_D2	311.36	413.07	415.88	416.40	417.41	0.017927	5.49			56.69	32.11	1.32
Solano	79.250*	Max WS	APP_TR30_D3	329.39	413.07	415.95	416.48	417.53	0.018116	5.56			59.23	33.18	1.33
Solano	79.250*	Max WS	APP_TR30_D4	314.73	413.07	415.89	416.42	417.44	0.017900	5.50			57.17	32.23	1.32
Solano	79.250*	Max WS	APP_TR30_D6	244.68	413.07	415.57	415.93	416.94	0.018329	5.19			47.13	29.59	1.31
Solano	79.125*	Max WS	APP_TR30_D1	225.93	412.66	415.10	415.49	416.48	0.019425	5.21			43.41	28.25	1.34
Solano	79.125*	Max WS	APP_TR30_D2	311.35	412.66	415.51	416.02	417.08	0.019614	5.55			56.05	33.39	1.37
Solano	79.125*	Max WS	APP_TR30_D3	329.38	412.66	415.58	416.11	417.19	0.019919	5.62			58.61	34.73	1.38
Solano	79.125*	Max WS	APP_TR30_D4	314.73	412.66	415.52	416.04	417.10	0.019674	5.57			56.54	33.66	1.37
Solano	79.125*	Max WS	APP_TR30_D6	244.67	412.66	415.20	415.62	416.63	0.019780	5.30			46.16	29.66	1.36
Solano	79 SOL-76	Max WS	APP_TR30_D1	225.93	412.26	414.69	415.18	416.19	0.021949	5.42			41.67	27.85	1.42
Solano	79 SOL-76	Max WS	APP_TR30_D2	311.35	412.26	415.09	415.68	416.80	0.023357	5.80			53.71	34.16	1.48
Solano	79 SOL-76	Max WS	APP_TR30_D3	329.38	412.26	415.16	415.75	416.91	0.023751	5.86			56.19	35.62	1.49
Solano	79 SOL-76	Max WS	APP_TR30_D4	314.72	412.26	415.10	415.70	416.82	0.023431	5.81			54.18	34.44	1.48
Solano	79 SOL-76	Max WS	APP_TR30_D6	244.67	412.26	414.79	415.34	416.34	0.022055	5.52			44.29	28.90	1.42
Solano	78.900*	Max WS	APP_TR30_D1	225.92	411.94	414.29	414.74	415.74	0.021790	5.32			42.45	29.14	1.41
Solano	78.900*	Max WS	APP_TR30_D2	311.35	411.94	414.67	415.19	416.35	0.022775	5.74			54.23	34.44	1.46
Solano	78.900*	Max WS	APP_TR30_D3	329.38	411.94	414.73	415.28	416.46	0.022997	5.82			56.55	35.42	1.47
Solano	78.900*	Max WS	APP_TR30_D4	314.72	411.94	414.68	415.21	416.37	0.022821	5.76			54.66	34.62	1.46
Solano	78.900*	Max WS	APP_TR30_D6	244.67	411.94	414.38	414.85	415.88	0.021856	5.42			45.10	30.17	1.42
Solano	78.800*	Max WS	APP_TR30_D1	225.92	411.61	413.90	414.32	415.29	0.021657	5.23			43.23	30.48	1.40
Solano	78.800*	Max WS	APP_TR30_D2	311.34	411.61	414.25	414.74	415.89	0.022521	5.67			54.94	35.38	1.45
Solano	78.800*	Max WS	APP_TR30_D3	329.38	411.61	414.31	414.82	416.00	0.022685	5.76			57.22	36.19	1.46
Solano	78.800*	Max WS	APP_TR30_D4	314.72	411.61	414.26	414.75	415.91	0.022561	5.68			55.36	35.53	1.45
Solano	78.800*	Max WS	APP_TR30_D6	244.67	411.61	413.98	414.42	415.43	0.021711	5.33			45.91	31.50	1.41
Solano	78.700*	Max WS	APP_TR30_D1	225.92	411.29	413.50	413.90	414.84	0.021557	5.13			44.00	31.85	1.39
Solano	78.700*	Max WS	APP_TR30_D2	311.34	411.29	413.84	414.31	415.43	0.022361	5.59			55.67	36.46	1.45
Solano	78.700*	Max WS	APP_TR30_D3	329.38	411.29	413.90	414.38	415.55	0.022465	5.68			57.97	37.20	1.45
Solano	78.700*	Max WS	APP_TR30_D4	314.72	411.29	413.85	414.32	415.46	0.022392	5.61			56.09	36.60	1.45
Solano	78.700*	Max WS	APP_TR30_D6	244.67	411.29	413.58	414.00	414.98	0.021789	5.24			46.68	33.03	1.41
Solano	78.600*	Max WS	APP_TR30_D1	225.91	410.96	413.10	413.48	414.40	0.021466	5.04			44.79	33.26	1.39
Solano	78.600*	Max WS	APP_TR30_D2	311.33	410.96	413.43	413.88	414.98	0.022199	5.51			56.46	37.62	1.44
Solano	78.600*	Max WS	APP_TR30_D3	329.38	410.96	413.49	413.96	415.09	0.022249	5.60			58.79	38.32	1.44
Solano	78.600*	Max WS	APP_TR30_D4	314.72	410.96	413.44	413.89	415.00	0.022215	5.53			56.89	37.75	1.44
Solano	78.600*	Max WS	APP_TR30_D6	244.67	410.96	413.18	413.58	414.54	0.021809	5.15			47.49	34.58	1.40
Solano	78.500*	Max WS	APP_TR30_D1	225.91	410.64	412.71	413.07	413.96	0.021466	4.95			45.61	34.88	1.38
Solano	78.500*	Max WS	APP_TR30_D2	311.33	410.64	413.03	413.45	414.53	0.021963	5.43			57.34	38.85	1.43
Solano	78.500*	Max WS	APP_TR30_D3	329.38	410.64	413.09	413.53	414.64	0.022057	5.52			59.63	39.50	1.44
Solano	78.500*	Max WS	APP_TR30_D4	314.71	410.64	413.04	413.47	414.55	0.021986	5.45			57.77	38.97	1.43
Solano	78.500*	Max WS	APP_TR30_D6	244.67	410.64	412.79	413.16	414.09	0.021712	5.06			48.38	36.18	1.40

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Solano	78.400*	Max WS	APP_TR30_D1	225.91	410.32	412.32	412.66	413.53	0.021395	4.86			46.50	36.55	1.38
Solano	78.400*	Max WS	APP_TR30_D2	311.33	410.32	412.63	413.04	414.08	0.021661	5.34			58.31	40.13	1.41
Solano	78.400*	Max WS	APP_TR30_D3	329.38	410.32	412.69	413.11	414.19	0.021750	5.43			60.61	40.75	1.42
Solano	78.400*	Max WS	APP_TR30_D4	314.71	410.32	412.64	413.05	414.10	0.021685	5.36			58.74	40.25	1.42
Solano	78.400*	Max WS	APP_TR30_D6	244.67	410.32	412.40	412.75	413.65	0.021521	4.97			49.25	37.61	1.39
Solano	78.300*	Max WS	APP_TR30_D1	225.91	409.99	411.93	412.25	413.09	0.021303	4.77			47.38	38.22	1.37
Solano	78.300*	Max WS	APP_TR30_D2	311.33	409.99	412.24	412.62	413.63	0.021172	5.23			59.48	41.49	1.40
Solano	78.300*	Max WS	APP_TR30_D3	329.38	409.99	412.29	412.69	413.74	0.021166	5.32			61.90	42.11	1.40
Solano	78.300*	Max WS	APP_TR30_D4	314.71	409.99	412.25	412.64	413.65	0.021185	5.25			59.93	41.60	1.40
Solano	78.300*	Max WS	APP_TR30_D6	244.67	409.99	412.00	412.34	413.22	0.021267	4.88			50.15	39.02	1.37
Solano	78.200*	Max WS	APP_TR30_D1	225.91	409.67	411.55	411.84	412.65	0.020614	4.65			48.62	39.81	1.34
Solano	78.200*	Max WS	APP_TR30_D2	311.32	409.67	411.86	412.21	413.17	0.020071	5.08			61.32	43.02	1.36
Solano	78.200*	Max WS	APP_TR30_D3	329.38	409.67	411.92	412.28	413.27	0.019997	5.16			63.87	43.63	1.36
Solano	78.200*	Max WS	APP_TR30_D4	314.71	409.67	411.87	412.22	413.19	0.020064	5.09			61.79	43.13	1.36
Solano	78.200*	Max WS	APP_TR30_D6	244.67	409.67	411.63	411.93	412.78	0.020476	4.75			51.50	40.56	1.35
Solano	78.100*	Max WS	APP_TR30_D1	225.90	409.34	411.20	411.44	412.21	0.018921	4.45			50.76	41.56	1.29
Solano	78.100*	Max WS	APP_TR30_D2	311.32	409.34	411.51	411.80	412.70	0.017969	4.83			64.46	44.84	1.29
Solano	78.100*	Max WS	APP_TR30_D3	329.38	409.34	411.57	411.86	412.80	0.017823	4.90			67.22	45.47	1.29
Solano	78.100*	Max WS	APP_TR30_D4	314.71	409.34	411.52	411.81	412.72	0.017964	4.85			64.95	44.95	1.29
Solano	78.100*	Max WS	APP_TR30_D6	244.67	409.34	411.27	411.52	412.32	0.018678	4.54			53.86	42.33	1.29
Solano	78 SOL-75	Max WS	APP_TR30_D1	225.90	409.02	410.88	411.03	411.75	0.015660	4.12			54.85	43.75	1.17
Solano	78 SOL-75	Max WS	APP_TR30_D2	311.31	409.02	411.21	411.39	412.22	0.014614	4.45			69.99	47.16	1.17
Solano	78 SOL-75	Max WS	APP_TR30_D3	329.38	409.02	411.28	411.45	412.32	0.014459	4.51			73.05	47.82	1.16
Solano	78 SOL-75	Max WS	APP_TR30_D4	314.70	409.02	411.23	411.41	412.24	0.014619	4.46			70.51	47.27	1.17
Solano	78 SOL-75	Max WS	APP_TR30_D6	244.67	409.02	410.96	411.11	411.86	0.015432	4.20			58.21	44.53	1.17
Solano	77.929*	Max WS	APP_TR30_D1	225.89	408.61	410.57	410.66	411.37	0.015828	3.96			57.09	43.06	1.10
Solano	77.929*	Max WS	APP_TR30_D2	311.30	408.61	410.93	411.03	411.86	0.014768	4.27			72.92	46.51	1.09
Solano	77.929*	Max WS	APP_TR30_D3	329.38	408.61	410.99	411.09	411.95	0.014642	4.33			76.06	47.17	1.09
Solano	77.929*	Max WS	APP_TR30_D4	314.70	408.61	410.94	411.04	411.88	0.014799	4.29			73.42	46.62	1.09
Solano	77.929*	Max WS	APP_TR30_D6	244.67	408.61	410.65	410.74	411.49	0.015621	4.04			60.57	43.84	1.10
Solano	77.9			Lat Struct											
Solano	77.857*	Max WS	APP_TR30_D1	225.87	408.20	410.26	410.29	411.01	0.016101	3.83			59.01	42.25	1.03
Solano	77.857*	Max WS	APP_TR30_D2	311.29	408.20	410.64	410.67	411.50	0.014989	4.12			75.50	45.74	1.02
Solano	77.857*	Max WS	APP_TR30_D3	329.38	408.20	410.71	410.73	411.60	0.014894	4.19			78.70	46.39	1.03
Solano	77.857*	Max WS	APP_TR30_D4	314.69	408.20	410.65	410.68	411.52	0.015052	4.14			75.96	45.83	1.03
Solano	77.857*	Max WS	APP_TR30_D6	244.66	408.20	410.35	410.38	411.13	0.015873	3.91			62.65	43.05	1.03
Solano	77.786*	Max WS	APP_TR30_D1	225.87	407.79	409.95	409.93	410.65	0.015486	3.70			60.97	41.43	0.98
Solano	77.786*	Max WS	APP_TR30_D2	311.28	407.79	410.35	410.30	411.16	0.014451	3.99			78.01	44.92	0.97
Solano	77.786*	Max WS	APP_TR30_D3	329.38	407.79	410.42	410.37	411.26	0.014210	4.05		0.17	81.30	45.32	0.96
Solano	77.786*	Max WS	APP_TR30_D4	314.67	407.79	410.36	410.31	411.18	0.014567	4.01			78.38	44.99	0.97
Solano	77.786*	Max WS	APP_TR30_D6	244.66	407.79	410.04	410.01	410.77	0.015356	3.79			64.61	42.20	0.98
Solano	77.714*	Max WS	APP_TR30_D1	225.86	407.38	409.65		410.31	0.015498	3.59			62.97	40.58	0.92
Solano	77.714*	Max WS	APP_TR30_D2	311.26	407.38	410.07		410.83	0.014206	3.86		0.22	80.66	43.66	0.91
Solano	77.714*	Max WS	APP_TR30_D3	329.37	407.38	410.15		410.93	0.013893	3.92		0.34	84.11	43.92	0.90
Solano	77.714*	Max WS	APP_TR30_D4	314.66	407.38	410.07		410.85	0.014363	3.89		0.23	80.92	43.68	0.91
Solano	77.714*	Max WS	APP_TR30_D6	244.66	407.38	409.74		410.43	0.015467	3.67			66.60	41.32	0.92
Solano	77.643*	Max WS	APP_TR30_D1	225.80	406.97	409.35		409.97	0.015495	3.48			64.83	39.65	0.87
Solano	77.643*	Max WS	APP_TR30_D2	311.24	406.97	409.80		410.51	0.013834	3.74		0.35	83.28	42.19	0.85
Solano	77.643*	Max WS	APP_TR30_D3	329.37	406.97	409.88		410.61	0.013551	3.79		0.45	86.84	42.43	0.84
Solano	77.643*	Max WS	APP_TR30_D4	314.64	406.97	409.80		410.52	0.014096	3.78		0.36	83.36	42.19	0.86
Solano	77.643*	Max WS	APP_TR30_D6	244.65	406.97	409.44		410.09	0.015610	3.58			68.37	40.35	0.88
Solano	77.571*	Max WS	APP_TR30_D1	225.78	406.56	409.04		409.63	0.015505	3.39			66.54	38.66	0.83
Solano	77.571*	Max WS	APP_TR30_D2	311.22	406.56	409.53		410.20	0.013455	3.63		0.42	85.83	40.68	0.79
Solano	77.571*	Max WS	APP_TR30_D3	329.28	406.56	409.62		410.31	0.013216	3.68		0.50	89.47	40.95	0.79
Solano	77.571*	Max WS	APP_TR30_D4	314.56	406.56	409.52		410.21	0.013833	3.67		0.42	85.66	40.67	0.81
Solano	77.571*	Max WS	APP_TR30_D6	244.40	406.56	409.13		409.75	0.015845	3.50			69.78	39.27	0.84
Solano	77.500*	Max WS	APP_TR30_D1	225.77	406.15	408.75		409.30	0.014822	3.31			68.30	37.63	0.78
Solano	77.500*	Max WS	APP_TR30_D2	311.14	406.15	409.27		409.90	0.012505	3.52		0.41	88.54	39.23	0.75
Solano	77.500*	Max WS	APP_TR30_D3	329.23	406.15	409.37		410.02	0.012321	3.57		0.47	92.24	39.49	0.74
Solano	77.500*	Max WS	APP_TR30_D4	314.53	406.15	409.26		409.91	0.013015	3.57		0.41	88.03	39.19	0.76
Solano	77.500*	Max WS	APP_TR30_D6	244.37	406.15	408.82		409.42	0.015440	3.43			71.15	38.14	0.80
Solano	77.428*	Max WS	APP_TR30_D1	225.73	405.74	408.46		408.99	0.014453	3.21			70.37	36.60	0.74
Solano	77.428*	Max WS	APP_TR30_D2	310.99	405.74	409.05		409.63	0.011788	3.39		0.32	91.90	37.84	0.69
Solano	77.428*	Max WS	APP_TR30_D3	329.18	405.74	409.14		409.75	0.011725	3.45		0.35	95.52	38.12	0.69
Solano	77.428*	Max WS	APP_TR30_D4	314.35	405.74	409.02		409.63	0.012500	3.46		0.32	90.81	37.77	0.71
Solano	77.428*	Max WS	APP_TR30_D6	244.17	405.74	408.53		409.10	0.015312	3.36		0.08	72.57	36.68	0.76
Solano	77.357 SOL-74	Max WS	APP_TR30_D1	225.45	405.33	408.31		408.75	0.003898	2.94		0.03	76.65	35.16	0.64
Solano	77.357 SOL-74	Max WS	APP_TR30_D2	310.61	405.33	408.93		409.43	0.003367	3.14		0.06	99.02	36.91	0.61
Solano	77.357 SOL-74	Max WS	APP_TR30_D3	328.82	405.33	409.03		409.55	0.003394	3.21		0.06	102.56	37.21	0.62
Solano	77.357 SOL-74	Max WS	APP_TR30_D4	313.93	405.33	408.89		409.42	0.003620	3.22		0.06	97.36	36.77	0.63
Solano	77.357 SOL-74	Max WS	APP_TR30_D6	244.02	405.33	408.35		408.85	0.004335	3.13		0.03	77.91	35.21	0.67
Solano	77.286*	Max WS	APP_TR30_D1	225.43	404.92	408.31		408.65	0.002455	2.57		0.33	87.83	35.51	0.52
Solano	77.286*	Max WS	APP_TR30_D2	310.09	404.92	408.94		409.34	0.002345	2.81		0.53	111.29	38.72	0.52
Solano	77.286*	Max WS	APP_TR30_D3	328.26	404.92	409.03		409.46	0.002376	2.88		0.56	114.99	38.97	0.52
Solano	77.286*	Max WS	APP_TR30_D4	313.73	404.92	408.89		409.31	0.002537	2.90		0.53	109.22	38.50	0.54
Solano	77.286*	Max WS	APP_TR30_D6	243.85	404.92	408.33		408.72	0.002805	2.76		0.36	88.56	35.61	0.55
Solano valle	77.214 SOL-73	Max WS	APP_TR30_D1	281.65	404.51	406.83	407.24	408.41	0.018847	5.56			50.68	29.22	1.35
Solano valle	77.214 SOL-73	Max WS	APP_TR30_D2	380.17	404.51	407.25	407.71	409.09	0.018010	6.01			63.23	31.15	1.35
Solano valle	77.214 SOL-73	Max WS	APP_TR30_D3	398.08	404.51	407.31	407.80	409.21	0.017988	6.10			65.30	31.45	1.35
Solano valle	77.214 SOL-73	Max WS	APP_TR30_D4	375.79	404.51	407.23	407.69	409.06	0.018025	5.99			62.71	31.07	1.35
Solano valle	77.214 SOL-73	Max WS	APP_TR30_D6	290.76	404.51	406.87	407.28	408.47	0.018756	5.60			51.88	29.41	1.35
Solano valle	77.143*	Max WS	APP_TR30_D1	281.43	404.10	406.47	406.87	408.05	0.018044	5.58			50.47	27.89	1.32
Solano valle	77.143*	Max WS	APP_TR30_D2	379.94	404.10	406.90	407.36	408.76	0.017264	6.04			62.89	29.64	1.32
Solano valle	77.143*	Max WS	APP_TR30_D3	397.37	404.10	406.97	407.45	408.88	0.017197	6.13		0.11	64.87	29.88	1.33
Solano valle	77.143*	Max WS	APP_TR30_D4	375.66	404.10	406.88	407.34	408.73	0.017279	6.02			62.39	29.57	1.32
Solano valle	77.143*	Max WS	APP_TR30_D6	290.66	404.10	406.51	406.91	408.13	0.017949	5.62			51.68	28.06	1.32
Solano valle	77.1			Lat Struct											
Solano valle	77.071*	Max WS	APP_TR30_D1	281.65	403.69	406.13	406.51	407.70	0.016802	5.55			50.77	26.61	1.28
Solano valle	77.071*	Max WS	APP_TR30_D2	380.39	403.69	406.57	407.03	408.44	0.016287	6.05		0.06	62.91	28.13	1.29
Solano valle	77.071*	Max WS	APP_TR30_D3	397.50	403.69	406.64	407.12	408.56	0.016165	6.13		0.23	64.83	28.35	1.29
Solano valle	77.071*	Max WS	APP_TR30_D4	376.13	403.69	406.55	407.00	408.41	0.016318	6.03			62.42	28.07	1.29
Solano valle	77.071*	Max WS	APP_TR30_D6	290.95	403.69	406.17	406.56	407.77	0.016752	5.60			51.95	26.76	1.28
Solano valle	77 SOL-72	Max WS	APP_TR30_D1	281.83	403.28	405.82	406.13	407.33	0.015081	5.45			51.72	25.37	1.22
Solano valle	77 SOL-72	Max WS	APP_TR30_D2	380.84	403.28	406.27	406.70	408.10	0.014922	6.00		0.23	63.43	26.67	1.24

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Solano valle	77 SOL-72	Max WS	APP_TR30_D3	397.69	403.28	406.34	406.80	408.23	0.014858	6.09		0.35	65.29	26.89	1.24
Solano valle	77 SOL-72	Max WS	APP_TR30_D4	376.53	403.28	406.25	406.66	408.07	0.014946	5.98		0.20	62.95	26.61	1.24
Solano valle	77 SOL-72	Max WS	APP_TR30_D6	291.30	403.28	405.86	406.18	407.41	0.015111	5.51			52.84	25.50	1.22
Solano valle	76.947*	Max WS	APP_TR30_D1	282.17	402.97	405.52	405.84	407.04	0.015131	5.46			51.71	25.45	1.22
Solano valle	76.947*	Max WS	APP_TR30_D2	381.29	402.97	405.98	406.42	407.81	0.014878	5.99		0.24	63.63	26.93	1.24
Solano valle	76.947*	Max WS	APP_TR30_D3	398.13	402.97	406.05	406.51	407.93	0.014802	6.08		0.36	65.52	27.22	1.24
Solano valle	76.947*	Max WS	APP_TR30_D4	376.99	402.97	405.96	406.39	407.78	0.014916	5.97		0.20	63.13	26.85	1.24
Solano valle	76.947*	Max WS	APP_TR30_D6	291.60	402.97	405.57	405.89	407.12	0.015159	5.52			52.84	25.58	1.23
Solano valle	76.895*	Max WS	APP_TR30_D1	282.60	402.65	405.23	405.55	406.75	0.015185	5.46			51.73	25.52	1.23
Solano valle	76.895*	Max WS	APP_TR30_D2	381.76	402.65	405.69	406.13	407.51	0.014844	5.98		0.24	63.85	27.24	1.24
Solano valle	76.895*	Max WS	APP_TR30_D3	398.58	402.65	405.76	406.21	407.63	0.014918	6.07		0.37	65.77	27.88	1.25
Solano valle	76.895*	Max WS	APP_TR30_D4	377.42	402.65	405.67	406.10	407.48	0.014882	5.96		0.20	63.33	27.12	1.24
Solano valle	76.895*	Max WS	APP_TR30_D6	291.94	402.65	405.27	405.61	406.83	0.015206	5.52			52.86	25.66	1.23
Solano valle	76.842*	Max WS	APP_TR30_D1	282.98	402.34	404.93	405.26	406.45	0.015233	5.47			51.75	25.59	1.23
Solano valle	76.842*	Max WS	APP_TR30_D2	382.25	402.34	405.40	405.83	407.21	0.014998	5.97		0.24	64.08	28.01	1.24
Solano valle	76.842*	Max WS	APP_TR30_D3	399.10	402.34	405.46	405.89	407.33	0.015055	6.05		0.42	66.02	28.52	1.25
Solano valle	76.842*	Max WS	APP_TR30_D4	377.84	402.34	405.38	405.81	407.18	0.015005	5.95		0.20	63.53	27.75	1.24
Solano valle	76.842*	Max WS	APP_TR30_D6	292.26	402.34	404.97	405.31	406.53	0.015250	5.53			52.89	25.74	1.23
Solano valle	76.841			Lat Struct											
Solano valle	76.789 SOL-71	Max WS	APP_TR30_D1	283.42	402.03	404.63	404.97	406.16	0.015262	5.47			51.81	25.67	1.23
Solano valle	76.789 SOL-71	Max WS	APP_TR30_D2	382.72	402.03	405.10	405.54	406.91	0.015131	5.96		0.29	64.30	28.66	1.25
Solano valle	76.789 SOL-71	Max WS	APP_TR30_D3	399.62	402.03	405.17	405.62	407.03	0.015189	6.04		0.46	66.27	29.13	1.26
Solano valle	76.789 SOL-71	Max WS	APP_TR30_D4	378.15	402.03	405.08	405.52	406.88	0.015141	5.93		0.23	63.75	28.54	1.25
Solano valle	76.789 SOL-71	Max WS	APP_TR30_D6	292.57	402.03	404.68	405.03	406.23	0.015275	5.53			52.94	25.83	1.23
Solano valle	76.737*	Max WS	APP_TR30_D1	283.86	401.71	404.34	404.68	405.86	0.015283	5.47			51.89	25.74	1.23
Solano valle	76.737*	Max WS	APP_TR30_D2	383.26	401.71	404.81	405.24	406.61	0.015264	5.95		0.27	64.50	29.07	1.25
Solano valle	76.737*	Max WS	APP_TR30_D3	400.14	401.71	404.87	405.31	406.73	0.015319	6.03		0.44	66.46	29.58	1.26
Solano valle	76.737*	Max WS	APP_TR30_D4	378.60	401.71	404.79	405.22	406.58	0.015268	5.93		0.20	63.92	28.92	1.25
Solano valle	76.737*	Max WS	APP_TR30_D6	292.84	401.71	404.38	404.74	405.94	0.015287	5.52			53.02	25.91	1.23
Solano valle	76.684*	Max WS	APP_TR30_D1	284.29	401.40	404.04	404.39	405.57	0.015292	5.47			51.98	25.82	1.23
Solano valle	76.684*	Max WS	APP_TR30_D2	383.80	401.40	404.51	404.94	406.31	0.015395	5.94		0.23	64.66	29.42	1.26
Solano valle	76.684*	Max WS	APP_TR30_D3	400.66	401.40	404.57	405.00	406.42	0.015418	6.02		0.40	66.64	29.99	1.26
Solano valle	76.684*	Max WS	APP_TR30_D4	379.00	401.40	404.49	404.91	406.27	0.015412	5.92		0.14	64.06	29.25	1.26
Solano valle	76.684*	Max WS	APP_TR30_D6	293.13	401.40	404.08	404.44	405.64	0.015283	5.52			53.11	25.99	1.23
Solano valle	76.632*	Max WS	APP_TR30_D1	284.73	401.09	403.74	404.10	405.27	0.015276	5.46			52.11	25.90	1.23
Solano valle	76.632*	Max WS	APP_TR30_D2	384.33	401.09	404.21	404.63	406.00	0.015490	5.93		0.18	64.81	29.70	1.26
Solano valle	76.632*	Max WS	APP_TR30_D3	401.19	401.09	404.27	404.71	406.12	0.015481	6.01		0.36	66.82	30.46	1.27
Solano valle	76.632*	Max WS	APP_TR30_D4	379.40	401.09	404.19	404.61	405.97	0.015511	5.91		0.10	64.20	29.29	1.26
Solano valle	76.632*	Max WS	APP_TR30_D6	293.48	401.09	403.79	404.15	405.34	0.015273	5.51			53.23	26.08	1.23
Solano valle	76.579 SOL-70	Max WS	APP_TR30_D1	285.18	400.77	403.44	403.79	404.96	0.015311	5.46			52.23	26.04	1.23
Solano valle	76.579 SOL-70	Max WS	APP_TR30_D2	384.85	400.77	403.91	404.33	405.70	0.015550	5.92		0.13	64.98	29.85	1.26
Solano valle	76.579 SOL-70	Max WS	APP_TR30_D3	401.74	400.77	403.97	404.48	405.81	0.015511	6.00		0.34	67.03	30.97	1.27
Solano valle	76.579 SOL-70	Max WS	APP_TR30_D4	379.82	400.77	403.89	404.30	405.66	0.015585	5.90		0.05	64.35	29.16	1.26
Solano valle	76.579 SOL-70	Max WS	APP_TR30_D6	293.78	400.77	403.49	403.85	405.03	0.015379	5.51			53.33	26.32	1.24
Solano valle	76.526*	Max WS	APP_TR30_D1	285.62	400.46	403.15	403.49	404.66	0.015401	5.45			52.36	26.28	1.23
Solano valle	76.526*	Max WS	APP_TR30_D2	385.36	400.46	403.61	404.02	405.39	0.015549	5.91		0.09	65.19	29.71	1.26
Solano valle	76.526*	Max WS	APP_TR30_D3	402.26	400.46	403.67	404.12	405.50	0.015485	5.99		0.32	67.24	30.82	1.27
Solano valle	76.526*	Max WS	APP_TR30_D4	380.30	400.46	403.58	403.99	405.36	0.015597	5.89			64.54	29.11	1.26
Solano valle	76.526*	Max WS	APP_TR30_D6	294.13	400.46	403.19	403.55	404.73	0.015466	5.50			53.45	26.56	1.24
Solano valle	76.5			Lat Struct											
Solano valle	76.474*	Max WS	APP_TR30_D1	286.07	400.14	402.85	403.20	404.36	0.015432	5.45			52.52	26.47	1.23
Solano valle	76.474*	Max WS	APP_TR30_D2	385.92	400.14	403.31	403.76	405.08	0.015512	5.90		0.05	65.43	29.55	1.26
Solano valle	76.474*	Max WS	APP_TR30_D3	402.81	400.14	403.37	403.81	405.19	0.015437	5.98		0.29	67.47	30.64	1.26
Solano valle	76.474*	Max WS	APP_TR30_D4	380.73	400.14	403.28	403.76	405.05	0.015537	5.88			64.76	29.24	1.26
Solano valle	76.474*	Max WS	APP_TR30_D6	294.46	400.14	402.89	403.25	404.42	0.015467	5.49			53.60	26.71	1.24
Solano valle	76.421*	Max WS	APP_TR30_D1	286.51	399.83	402.54	402.89	404.05	0.015389	5.43			52.72	26.61	1.23
Solano valle	76.421*	Max WS	APP_TR30_D2	386.46	399.83	403.01	403.42	404.77	0.015405	5.88			65.74	29.49	1.26
Solano valle	76.421*	Max WS	APP_TR30_D3	403.35	399.83	403.07	403.50	404.89	0.015372	5.96		0.26	67.70	30.44	1.26
Solano valle	76.421*	Max WS	APP_TR30_D4	381.20	399.83	402.99	403.40	404.74	0.015417	5.86			65.06	29.35	1.26
Solano valle	76.421*	Max WS	APP_TR30_D6	294.79	399.83	402.59	402.94	404.12	0.015423	5.48			53.80	26.86	1.24
Solano valle	76.368 SOL-69	Max WS	APP_TR30_D1	286.96	399.52	402.25	402.59	403.74	0.015265	5.41			53.00	26.74	1.23
Solano valle	76.368 SOL-69	Max WS	APP_TR30_D2	386.99	399.52	402.71	403.12	404.46	0.015230	5.85			66.11	29.58	1.25
Solano valle	76.368 SOL-69	Max WS	APP_TR30_D3	403.89	399.52	402.78	403.20	404.57	0.015231	5.94		0.18	68.04	31.20	1.25
Solano valle	76.368 SOL-69	Max WS	APP_TR30_D4	381.65	399.52	402.69	403.10	404.42	0.015236	5.83			65.42	29.44	1.25
Solano valle	76.368 SOL-69	Max WS	APP_TR30_D6	295.12	399.52	402.29	402.63	403.81	0.015288	5.46			54.08	26.98	1.23
Solano valle	76.316*	Max WS	APP_TR30_D1	287.41	399.20	401.95	402.28	403.43	0.015015	5.38			53.42	26.86	1.22
Solano valle	76.316*	Max WS	APP_TR30_D2	387.54	399.20	402.42	402.81	404.15	0.014969	5.82			66.60	29.66	1.24
Solano valle	76.316*	Max WS	APP_TR30_D3	404.44	399.20	402.48	402.89	404.26	0.014959	5.91		0.16	68.51	31.08	1.24
Solano valle	76.316*	Max WS	APP_TR30_D4	382.13	399.20	402.40	402.79	404.11	0.014963	5.80			65.92	29.52	1.24
Solano valle	76.316*	Max WS	APP_TR30_D6	295.47	399.20	401.99	402.32	403.49	0.015027	5.42			54.50	27.10	1.22
Solano valle	76.263*	Max WS	APP_TR30_D1	287.85	398.89	401.66	401.97	403.11	0.014596	5.33			54.04	26.99	1.20
Solano valle	76.263*	Max WS	APP_TR30_D2	388.07	398.89	402.13	402.51	403.83	0.014567	5.77			67.27	29.70	1.22
Solano valle	76.263*	Max WS	APP_TR30_D3	404.98	398.89	402.20	402.59	403.94	0.014538	5.85		0.16	69.24	31.16	1.23
Solano valle	76.263*	Max WS	APP_TR30_D4	382.58	398.89	402.11	402.48	403.79	0.014565	5.75			66.59	29.59	1.22
Solano valle	76.263*	Max WS	APP_TR30_D6	295.80	398.89	401.70	402.01	403.17	0.014594	5.37			55.13	27.22	1.20
Solano valle	76.210*	Max WS	APP_TR30_D1	288.28	398.58	401.39	401.66	402.79	0.013970	5.25			54.96	27.15	1.18
Solano valle	76.210*	Max WS	APP_TR30_D2	388.62	398.58	401.86	402.20	403.51	0.013973	5.69			68.31	29.80	1.20
Solano valle	76.210*	Max WS	APP_TR30_D3	405.53	398.58	401.92	402.28	403.62	0.013915	5.77		0.19	70.33	31.60	1.20
Solano valle	76.210*	Max WS	APP_TR30_D4	383.02	398.58	401.83	402.17	403.47	0.013962	5.66			67.62	29.69	1.20
Solano valle	76.210*	Max WS	APP_TR30_D6	296.14	398.58	401.43	401.70	402.85	0.013971	5.28			56.05	27.38	1.18
Solano valle	76.158 SOL-68	Max WS	APP_TR30_D1	288.74	398.26	401.12	401.34	402.46	0.013107	5.13			56.29	27.37	1.14
Solano valle	76.158 SOL-68	Max WS	APP_TR30_D2	389.14	398.26	401.60	401.90	403.18	0.013086	5.57	0.36	0.09	70.19	34.51	1.16
Solano valle	76.158 SOL-68	Max WS	APP_TR30_D3	405.97	398.26	401.66	401.97	403.29	0.012991	5.65	0.52	0.23	72.48	36.38	1.16
Solano valle	76.158 SOL-68	Max WS	APP_TR30_D4	383.52	398.26	401.57	401.87	403.14	0.013133	5.55	0.30		69.40	33.86	1.16
Solano valle	76.158 SOL-68	Max WS	APP_TR30_D6	296.49	398.26	401.16	401.38	402.52	0.013113	5.17			57.38	27.60	1.14
Solano valle	76.105*	Max WS	APP_TR30_D1	289.18	397.95	400.88	401.02	402.14	0.011980	4.97			58.19	27.69	1.09
Solano valle	76.105*	Max WS	APP_TR30_D2	389.69	397.95	401.35	401.59	402.85	0.011883	5.41	0.51	0.19	72.74	36.83	1.11
Solano valle	76.105*	Max WS	APP_TR30_D3	406.61	397.95	401.42	401.67	402.95	0.011819	5.49	0.63	0.31	75.19	38.61	1.12
Solano valle	76.105*	Max WS	APP_TR30_D4	383.96	397.95	401.33	401.56	402.81	0.011925	5.39	0.46	0.14	71.88	36.10	1.11
Solano valle	76.105*	Max WS	APP_TR30_D6	296.85	397.95	400.92	401.07	402.20	0.011993	5.01			59.29	27.91	1.10
Solano valle	76.053*	Max WS	APP_TR30_D1	289.61	397.63	400.66	400.71	401.82	0.010631	4.76			60.80	28.12	1.03
Solano valle	76.053*	Max WS	APP_TR30_D2	390.21	397.63	401.14	401.29	402.51	0.010447	5.21	0.65	0.29	76.60	40.28	1.05
Solano valle	76.053*	Max WS	APP_TR30_D3	406.86	397.63	401.20	401.37	402.62	0.010373	5.28	0.76	0.45	79.29	40.37	1.05
Solano valle	76.053*	Max WS	APP_TR30_D4	384.41	397.63	401.11	401.27	402.48	0.010476	5.18	0.61	0.25	75.65	39.73	1.05

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Solano valle	76.053*	Max WS	APP_TR30_D6	297.21	397.63	400.70	400.75	401.87	0.010656	4.80			61.91	28.34	1.04
Solano valle	76 SOL-67	Max WS	APP_TR30_D1	290.03	397.32	400.47	400.40	401.51	0.009151	4.52	0.07		64.24	29.21	0.96
Solano valle	76 SOL-67	Max WS	APP_TR30_D2	390.15	397.32	400.95	400.99	402.18	0.008820	4.94	0.78	0.47	82.10	42.14	0.97
Solano valle	76 SOL-67	Max WS	APP_TR30_D3	406.62	397.32	401.02	401.07	402.28	0.008762	5.01	0.87	0.58	84.97	42.23	0.97
Solano valle	76 SOL-67	Max WS	APP_TR30_D4	384.59	397.32	400.92	400.97	402.15	0.008854	4.92	0.75	0.43	81.07	42.11	0.97
Solano valle	76 SOL-67	Max WS	APP_TR30_D6	297.53	397.32	400.51	400.44	401.56	0.009173	4.55	0.15		65.42	30.63	0.97
Solano valle	75.889*	Max WS	APP_TR30_D1	290.47	397.06	400.30	400.22	401.34	0.009022	4.52			64.31	28.15	0.95
Solano valle	75.889*	Max WS	APP_TR30_D2	387.00	397.06	400.79	400.76	402.02	0.008605	4.93	0.39	0.60	80.27	40.40	0.95
Solano valle	75.889*	Max WS	APP_TR30_D3	401.01	397.06	400.86	400.85	402.11	0.008463	4.97	0.50	0.70	83.11	40.74	0.95
Solano valle	75.889*	Max WS	APP_TR30_D4	382.20	397.06	400.76	400.73	401.99	0.008666	4.92	0.36	0.57	79.26	39.62	0.96
Solano valle	75.889*	Max WS	APP_TR30_D6	297.83	397.06	400.34	400.26	401.39	0.009040	4.55			65.41	28.30	0.96
Solano valle	75.778*	Max WS	APP_TR30_D1	290.87	396.81	400.13	400.03	401.18	0.008902	4.52			64.29	27.51	0.95
Solano valle	75.778*	Max WS	APP_TR30_D2	382.91	396.81	400.63	400.53	401.85	0.008314	4.89		0.72	79.39	31.50	0.93
Solano valle	75.778*	Max WS	APP_TR30_D3	395.55	396.81	400.70	400.59	401.93	0.008145	4.92	0.17	0.80	81.77	34.02	0.93
Solano valle	75.778*	Max WS	APP_TR30_D4	378.58	396.81	400.60	400.50	401.82	0.008385	4.88		0.69	78.54	31.50	0.94
Solano valle	75.778*	Max WS	APP_TR30_D6	298.18	396.81	400.17	400.08	401.23	0.008921	4.56			65.36	27.64	0.95
Solano valle	75.667*	Max WS	APP_TR30_D1	291.29	396.55	399.97		401.02	0.008796	4.54			64.19	26.79	0.94
Solano valle	75.667*	Max WS	APP_TR30_D2	381.77	396.55	400.48	400.34	401.69	0.008091	4.89		0.82	79.38	30.34	0.92
Solano valle	75.667*	Max WS	APP_TR30_D3	394.95	396.55	400.55	400.41	401.79	0.007960	4.93		0.89	81.68	30.35	0.91
Solano valle	75.667*	Max WS	APP_TR30_D4	377.25	396.55	400.45	400.32	401.66	0.008157	4.88		0.79	78.52	30.34	0.92
Solano valle	75.667*	Max WS	APP_TR30_D6	298.52	396.55	400.01	399.89	401.08	0.008774	4.58		0.11	65.25	27.93	0.94
Solano valle	75.556*	Max WS	APP_TR30_D1	291.64	396.29	399.81	399.67	400.87	0.008647	4.56		0.19	64.04	28.34	0.93
Solano valle	75.556*	Max WS	APP_TR30_D2	380.76	396.29	400.33	400.17	401.55	0.007929	4.90		0.91	79.21	29.19	0.90
Solano valle	75.556*	Max WS	APP_TR30_D3	394.42	396.29	400.41	400.23	401.65	0.007825	4.94		0.97	81.49	29.19	0.90
Solano valle	75.556*	Max WS	APP_TR30_D4	376.01	396.29	400.30	400.14	401.51	0.007984	4.89		0.88	78.36	29.19	0.91
Solano valle	75.556*	Max WS	APP_TR30_D6	298.87	396.29	399.85	399.71	400.93	0.008640	4.60		0.26	65.15	29.18	0.93
Solano valle	75.444*	Max WS	APP_TR30_D1	291.80	396.04	399.65	399.50	400.72	0.008560	4.59		0.37	63.87	28.03	0.92
Solano valle	75.444*	Max WS	APP_TR30_D2	387.23	396.04	400.18	400.03	401.46	0.008166	5.02		1.01	78.76	28.04	0.91
Solano valle	75.444*	Max WS	APP_TR30_D3	402.06	396.04	400.26	400.10	401.57	0.008108	5.08		1.07	80.98	28.04	0.91
Solano valle	75.444*	Max WS	APP_TR30_D4	382.05	396.04	400.15	400.00	401.42	0.008206	5.01		0.98	77.92	28.04	0.91
Solano valle	75.444*	Max WS	APP_TR30_D6	298.76	396.04	399.69	399.54	400.78	0.008543	4.63		0.44	64.97	28.04	0.92
Solano valle	75.333*	Max WS	APP_TR30_D1	289.77	395.78	399.49	399.33	400.57	0.008409	4.60		0.52	63.56	26.89	0.90
Solano valle	75.333*	Max WS	APP_TR30_D2	370.72	395.78	400.03		401.23	0.007501	4.86		1.04	78.16	26.89	0.87
Solano valle	75.333*	Max WS	APP_TR30_D3	383.51	395.78	400.11		401.33	0.007403	4.90		1.09	80.32	26.90	0.87
Solano valle	75.333*	Max WS	APP_TR30_D4	366.34	395.78	400.00		401.19	0.007564	4.85		1.02	77.31	26.89	0.87
Solano valle	75.333*	Max WS	APP_TR30_D6	295.65	395.78	399.53	399.37	400.62	0.008341	4.62		0.58	64.63	26.89	0.90
Solano valle	75.222*	Max WS	APP_TR30_D1	287.22	395.52	399.34		400.42	0.008308	4.61		0.65	63.06	25.74	0.89
Solano valle	75.222*	Max WS	APP_TR30_D2	361.92	395.52	399.90		401.06	0.007184	4.79		1.09	77.51	25.75	0.84
Solano valle	75.222*	Max WS	APP_TR30_D3	373.86	395.52	399.98		401.16	0.007075	4.82		1.13	79.64	25.75	0.84
Solano valle	75.222*	Max WS	APP_TR30_D4	357.88	395.52	399.87		401.02	0.007252	4.79		1.07	76.68	25.74	0.85
Solano valle	75.222*	Max WS	APP_TR30_D6	292.55	395.52	399.38		400.47	0.008207	4.62		0.70	64.12	25.74	0.89
Solano valle	75.111*	Max WS	APP_TR30_D1	290.40	395.27	399.18	399.02	400.32	0.008676	4.74		0.78	62.25	24.59	0.90
Solano valle	75.111*	Max WS	APP_TR30_D2	375.74	395.27	399.76		401.05	0.007910	5.05		1.20	76.49	24.60	0.88
Solano valle	75.111*	Max WS	APP_TR30_D3	388.70	395.27	399.84		401.15	0.007818	5.09		1.25	78.56	24.60	0.87
Solano valle	75.111*	Max WS	APP_TR30_D4	371.34	395.27	399.72		401.01	0.007980	5.04		1.19	75.65	24.60	0.88
Solano valle	75.111*	Max WS	APP_TR30_D6	297.04	395.27	399.22	399.06	400.38	0.008646	4.77		0.82	63.29	24.59	0.90
Solano valle	75 SOL-66	Max WS	APP_TR30_D1	291.10	395.01	399.01	398.88	400.21	0.009112	4.85		0.88	61.02	23.45	0.91
Solano valle	75 SOL-66	Max WS	APP_TR30_D2	379.74	395.01	399.61		400.98	0.008465	5.22		1.29	74.89	23.45	0.90
Solano valle	75 SOL-66	Max WS	APP_TR30_D3	392.61	395.01	399.69		401.09	0.008363	5.26		1.33	76.91	23.45	0.89
Solano valle	75 SOL-66	Max WS	APP_TR30_D4	375.26	395.01	399.57		400.94	0.008541	5.21		1.28	74.07	23.45	0.90
Solano valle	75 SOL-66	Max WS	APP_TR30_D6	297.83	395.01	399.06	398.92	400.27	0.009096	4.89		0.93	62.01	23.45	0.92
Solano valle	74.857*	Max WS	APP_TR30_D1	278.39	394.94	398.86		399.79	0.007176	4.30		0.78	65.74	25.74	0.82
Solano valle	74.857*	Max WS	APP_TR30_D2	349.96	394.94	399.47		400.45	0.005971	4.41		1.09	81.43	25.74	0.76
Solano valle	74.857*	Max WS	APP_TR30_D3	361.24	394.94	399.55		400.55	0.005858	4.43		1.12	83.69	25.74	0.76
Solano valle	74.857*	Max WS	APP_TR30_D4	345.96	394.94	399.43		400.41	0.006043	4.41		1.08	80.48	25.74	0.77
Solano valle	74.857*	Max WS	APP_TR30_D6	283.58	394.94	398.90		399.84	0.007082	4.31		0.82	66.85	25.74	0.82
Solano valle	74.715*	Max WS	APP_TR30_D1	271.38	394.87	398.73		399.49	0.005567	3.87	0.18	0.71	71.17	28.13	0.75
Solano valle	74.715*	Max WS	APP_TR30_D2	342.21	394.87	399.40		400.17	0.004235	3.90	0.22	0.95	89.96	28.19	0.68
Solano valle	74.715*	Max WS	APP_TR30_D3	355.36	394.87	399.49		400.28	0.004159	3.94	0.23	0.98	92.66	28.20	0.67
Solano valle	74.715*	Max WS	APP_TR30_D4	337.13	394.87	399.36		400.12	0.004286	3.89	0.22	0.94	88.78	28.19	0.68
Solano valle	74.715*	Max WS	APP_TR30_D6	275.75	394.87	398.78		399.54	0.005434	3.87	0.18	0.74	72.46	28.14	0.74
Solano valle	74.7			Lat Struct											
Solano valle	74.572 SOL-65	Max WS	APP_TR30_D1	267.82	394.80	398.66		399.28	0.004450	3.48	0.02	0.69	77.99	30.33	0.67
Solano valle	74.572 SOL-65	Max WS	APP_TR30_D2	347.27	394.80	399.37		400.02	0.003432	3.57	0.02	0.90	99.62	30.33	0.61
Solano valle	74.572 SOL-65	Max WS	APP_TR30_D3	361.17	394.80	399.47		400.13	0.003385	3.61	0.02	0.92	102.53	30.33	0.61
Solano valle	74.572 SOL-65	Max WS	APP_TR30_D4	341.80	394.80	399.33		399.97	0.003468	3.56	0.02	0.89	98.32	30.33	0.61
Solano valle	74.572 SOL-65	Max WS	APP_TR30_D6	272.19	394.80	398.71		399.33	0.004299	3.47	0.02	0.71	79.66	30.33	0.66
Solano valle	74.429*	Max WS	APP_TR30_D1	271.97	394.72	398.62		399.14	0.003586	3.22	0.08	0.68	85.84	32.65	0.62
Solano valle	74.429*	Max WS	APP_TR30_D2	356.42	394.72	399.35		399.91	0.002808	3.32	0.09	0.84	109.70	32.66	0.57
Solano valle	74.429*	Max WS	APP_TR30_D3	370.86	394.72	399.44		400.02	0.002772	3.36	0.09	0.86	112.89	32.66	0.57
Solano valle	74.429*	Max WS	APP_TR30_D4	350.84	394.72	399.30		399.86	0.002838	3.31	0.09	0.83	108.27	32.66	0.57
Solano valle	74.429*	Max WS	APP_TR30_D6	276.67	394.72	398.67		399.20	0.003458	3.20	0.08	0.70	87.76	32.65	0.61
Solano valle	74.286*	Max WS	APP_TR30_D1	279.14	394.65	398.57		399.03	0.003200	3.01	0.07	0.69	93.92	34.94	0.57
Solano valle	74.286*	Max WS	APP_TR30_D2	365.00	394.65	399.33		399.82	0.002458	3.10	0.11	0.81	120.42	34.99	0.52
Solano valle	74.286*	Max WS	APP_TR30_D3	380.35	394.65	399.43		399.93	0.002442	3.14	0.12	0.83	123.79	35.00	0.52
Solano valle	74.286*	Max WS	APP_TR30_D4	359.23	394.65	399.29		399.77	0.002484	3.09	0.11	0.81	118.86	34.99	0.52
Solano valle	74.286*	Max WS	APP_TR30_D6	284.23	394.65	398.63		399.09	0.003088	3.00	0.07	0.70	96.04	34.95	0.57
Solano valle	74.143 SOL-64	Max WS	APP_TR30_D1	287.63	394.58	398.53		398.94	0.002826	2.85		0.69	102.26	37.20	0.54
Solano valle	74.143 SOL-64	Max WS	APP_TR30_D2	376.90	394.58	399.30		399.74	0.002234	2.94	0.07	0.79	130.98	40.14	0.49
Solano valle	74.143 SOL-64	Max WS	APP_TR30_D3	392.24	394.58	399.40		399.85	0.002209	2.97	0.19	0.80	135.01	40.50	0.49
Solano valle	74.143 SOL-64	Max WS	APP_TR30_D4	371.17	394.58	399.25		399.69	0.002261	2.93		0.78	129.20	37.21	0.49
Solano valle	74.143 SOL-64	Max WS	APP_TR30_D6	293.41	394.58	398.59		399.00	0.002748	2.85		0.70	104.49	37.20	0.53
Solano valle	74.072*	Max WS	APP_TR30_D1	291.58	394.55	398.51		398.90	0.002622	2.77		0.69	106.89	38.55	0.52
Solano valle	74.072*	Max WS	APP_TR30_D2	383.94	394.55	399.28		399.70	0.002097	2.87	0.23	0.79	136.91	40.79	0.48
Solano valle	74.072*	Max WS	APP_TR30_D3	400.33	394.55	399.38		399.81	0.002089	2.92	0.30	0.80	140.84	40.79	0.48
Solano valle	74.072*	Max WS	APP_TR30_D4	377.98	394.55	399.24		399.65	0.002120	2.86	0.20	0.78	135.05	40.79	0.48
Solano valle	74.072*	Max WS	APP_TR30_D6	297.71	394.55	398.57		398.96	0.002557	2.77		0.70	109.18	38.55	0.52
Solano valle	74 SOL-63	Max WS	APP_TR30_D1	295.33	394.51	398.50		398.87	0.002431	2.69		0.69	111.68	39.89	0.50
Solano valle	74 SOL-63	Max WS	APP_TR30_D2	391.24	394.51	399.26		399.66	0.001978	2.81	0.31	0.79	142.58	41.07	0.47
Solano valle	74 SOL-63	Max WS	APP_TR30_D3	406.26	394.51	399.37		399.78	0.001943	2.84	0.35	0.80	146.82	41.07	0.47
Solano valle	74 SOL-63	Max WS	APP_TR30_D4	385.55	394.51	399.22		399.62	0.002007	2.81	0.28	0.79	140.61	41.07	0.47
Solano valle	74 SOL-63	Max WS	APP_TR30_D6	301.79	394.51	398.56		398.93	0.002378	2.69		0.70	114.03	39.89	0.50
Solano valle	73.900*	Max WS	APP_TR30_D1	296.26	394.51	398.50		398.85	0.002206	2.63		0.69	114.69	39.26	0.48
Solano valle	73.900*	Max WS	APP_TR30_D2	393.75	394.51	399.26		399.65	0.001857	2.78	0.36	0.76	144.96	40.42	0.46

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Solano valle	73.900*	Max WS	APP_TR30_D3	408.75	394.51	399.36		399.76	0.001828	2.81	0.39	0.77	149.14	40.42	0.46
Solano valle	73.900*	Max WS	APP_TR30_D4	388.02	394.51	399.21		399.60	0.001882	2.78	0.35	0.76	143.04	40.42	0.46
Solano valle	73.900*	Max WS	APP_TR30_D6	302.82	394.51	398.56		398.91	0.002167	2.63		0.69	116.96	39.26	0.48
Solano valle	73.800*	Max WS	APP_TR30_D1	296.84	394.52	398.51		398.84	0.002020	2.57		0.67	117.38	38.64	0.46
Solano valle	73.800*	Max WS	APP_TR30_D2	394.66	394.52	399.26		399.64	0.001736	2.75	0.40	0.72	147.27	39.78	0.45
Solano valle	73.800*	Max WS	APP_TR30_D3	409.44	394.52	399.36		399.75	0.001710	2.78	0.42	0.73	151.40	39.78	0.44
Solano valle	73.800*	Max WS	APP_TR30_D4	388.98	394.52	399.21		399.59	0.001757	2.74	0.39	0.72	145.38	39.78	0.45
Solano valle	73.800*	Max WS	APP_TR30_D6	303.46	394.52	398.56		398.90	0.001990	2.58		0.67	119.61	38.64	0.46
Solano valle	73.700*	Max WS	APP_TR30_D1	297.43	394.52	398.51		398.83	0.001864	2.52	0.16	0.64	119.84	39.14	0.45
Solano valle	73.700*	Max WS	APP_TR30_D2	395.61	394.52	399.26		399.63	0.001637	2.72	0.42	0.68	149.20	39.14	0.44
Solano valle	73.700*	Max WS	APP_TR30_D3	410.17	394.52	399.36		399.74	0.001613	2.74	0.43	0.69	153.30	39.14	0.43
Solano valle	73.700*	Max WS	APP_TR30_D4	389.99	394.52	399.21		399.58	0.001656	2.71	0.41	0.68	147.34	39.14	0.44
Solano valle	73.700*	Max WS	APP_TR30_D6	304.11	394.52	398.57		398.89	0.001837	2.53	0.20	0.65	122.08	39.14	0.45
Solano valle	73.600*	Max WS	APP_TR30_D1	297.07	394.52	398.51		398.82	0.001713	2.47	0.26	0.60	122.20	38.49	0.43
Solano valle	73.600*	Max WS	APP_TR30_D2	396.36	394.52	399.26		399.62	0.001551	2.69	0.43	0.63	150.82	38.49	0.43
Solano valle	73.600*	Max WS	APP_TR30_D3	410.91	394.52	399.36		399.74	0.001531	2.72	0.44	0.64	154.85	38.49	0.43
Solano valle	73.600*	Max WS	APP_TR30_D4	390.62	394.52	399.21		399.58	0.001567	2.68	0.43	0.63	149.00	38.49	0.43
Solano valle	73.600*	Max WS	APP_TR30_D6	303.65	394.52	398.57		398.88	0.001690	2.48	0.28	0.60	124.40	38.49	0.43
Solano valle	73.500*	Max WS	APP_TR30_D1	296.82	394.52	398.52		398.82	0.001592	2.43	0.32	0.55	124.15	37.84	0.42
Solano valle	73.500*	Max WS	APP_TR30_D2	397.02	394.52	399.26		399.62	0.001480	2.67	0.44	0.58	152.08	37.84	0.42
Solano valle	73.500*	Max WS	APP_TR30_D3	411.62	394.52	399.36		399.73	0.001464	2.70	0.45	0.58	156.03	37.84	0.42
Solano valle	73.500*	Max WS	APP_TR30_D4	391.17	394.52	399.21		399.57	0.001492	2.66	0.44	0.58	150.32	37.84	0.42
Solano valle	73.500*	Max WS	APP_TR30_D6	303.30	394.52	398.57		398.88	0.001571	2.44	0.33	0.55	126.34	37.84	0.42
Solano valle	73.400*	Max WS	APP_TR30_D1	297.04	394.53	398.52	396.95	398.81	0.001499	2.40	0.35	0.50	125.67	37.20	0.41
Solano valle	73.400*	Max WS	APP_TR30_D2	398.52	394.53	399.25	397.37	399.61	0.001430	2.66	0.45	0.51	152.90	37.20	0.41
Solano valle	73.400*	Max WS	APP_TR30_D3	413.24	394.53	399.35	397.43	399.72	0.001418	2.70	0.46	0.51	156.76	37.20	0.41
Solano valle	73.400*	Max WS	APP_TR30_D4	392.54	394.53	399.20	397.35	399.56	0.001439	2.65	0.45	0.51	151.18	37.20	0.41
Solano valle	73.400*	Max WS	APP_TR30_D6	303.57	394.53	398.57	396.98	398.87	0.001482	2.42	0.36	0.50	127.81	37.20	0.41
Solano valle	73.3			Bridge											
Solano valle	73.100*	Max WS	APP_TR30_D1	297.04	394.54	398.06		398.42	0.002008	2.67	0.42	0.27	112.26	35.27	0.47
Solano valle	73.100*	Max WS	APP_TR30_D2	398.52	394.54	398.70		399.15	0.001993	3.00	0.52	0.27	134.72	35.27	0.48
Solano valle	73.100*	Max WS	APP_TR30_D3	413.24	394.54	398.78		399.25	0.001990	3.04	0.53	0.27	137.81	35.27	0.49
Solano valle	73.100*	Max WS	APP_TR30_D4	392.54	394.54	398.66		399.11	0.001994	2.98	0.51	0.27	133.46	35.27	0.48
Solano valle	73.100*	Max WS	APP_TR30_D6	303.58	394.54	398.10		398.47	0.002008	2.69	0.43	0.27	113.77	35.27	0.47
Solano valle	73 SOL-62	Max WS	APP_TR30_D1	297.13	394.54	398.06	396.73	398.41	0.002078	2.65	0.46		112.70	34.62	0.46
Solano valle	73 SOL-62	Max WS	APP_TR30_D2	398.63	394.54	398.69	397.15	399.15	0.002131	2.99	0.55		134.69	34.62	0.48
Solano valle	73 SOL-62	Max WS	APP_TR30_D3	413.36	394.54	398.78	397.23	399.25	0.002137	3.03	0.56		137.70	34.62	0.48
Solano valle	73 SOL-62	Max WS	APP_TR30_D4	392.63	394.54	398.65	397.13	399.10	0.002129	2.97	0.54		133.44	34.62	0.48
Solano valle	73 SOL-62	Max WS	APP_TR30_D6	303.65	394.54	398.10	396.76	398.46	0.002082	2.68	0.47		114.17	34.62	0.47
Solano valle	72.8			Inl Struct											
Solano valle	72.667*	Max WS	APP_TR30_D1	297.13	394.10	396.04	396.42	397.53	0.020682	5.41		0.46	54.98	35.68	1.39
Solano valle	72.667*	Max WS	APP_TR30_D2	398.63	394.10	396.36	396.83	398.21	0.020284	6.02		0.78	66.29	35.97	1.41
Solano valle	72.667*	Max WS	APP_TR30_D3	413.36	394.10	396.40	396.89	398.30	0.020257	6.11		0.82	67.83	36.01	1.41
Solano valle	72.667*	Max WS	APP_TR30_D4	392.63	394.10	396.34	396.81	398.17	0.020313	5.99		0.77	65.64	35.96	1.41
Solano valle	72.667*	Max WS	APP_TR30_D6	303.65	394.10	396.06	396.45	397.58	0.020667	5.45		0.49	55.73	35.70	1.39
Solano valle	72.333*	Max WS	APP_TR30_D1	297.45	393.65	395.77	396.12	397.19	0.019469	5.28		0.35	56.30	36.41	1.35
Solano valle	72.333*	Max WS	APP_TR30_D2	399.02	393.65	396.09	396.53	397.84	0.019112	5.87		0.70	68.11	37.29	1.38
Solano valle	72.333*	Max WS	APP_TR30_D3	413.76	393.65	396.13	396.59	397.93	0.019080	5.94		0.73	69.73	37.41	1.38
Solano valle	72.333*	Max WS	APP_TR30_D4	392.98	393.65	396.07	396.51	397.80	0.019137	5.84		0.68	67.43	37.24	1.38
Solano valle	72.333*	Max WS	APP_TR30_D6	303.91	393.65	395.79	396.15	397.23	0.019463	5.33		0.38	57.07	36.47	1.36
Solano valle	72 SOL-61	Max WS	APP_TR30_D1	297.76	393.21	395.51	395.81	396.84	0.017763	5.10		0.26	58.43	37.27	1.30
Solano valle	72 SOL-61	Max WS	APP_TR30_D2	399.40	393.21	395.84	396.23	397.47	0.017407	5.66		0.62	70.68	38.14	1.32
Solano valle	72 SOL-61	Max WS	APP_TR30_D3	414.15	393.21	395.88	396.28	397.55	0.017375	5.73		0.66	72.36	38.25	1.32
Solano valle	72 SOL-61	Max WS	APP_TR30_D4	393.32	393.21	395.82	396.20	397.43	0.017429	5.63		0.60	69.97	38.09	1.32
Solano valle	72 SOL-61	Max WS	APP_TR30_D6	304.17	393.21	395.53	395.84	396.88	0.017738	5.14		0.29	59.24	37.33	1.30
Solano valle	71.857*	Max WS	APP_TR30_D1	298.21	392.72	395.16	395.48	396.51	0.018221	5.14		0.04	58.03	37.18	1.31
Solano valle	71.857*	Max WS	APP_TR30_D2	399.96	392.72	395.49	395.89	397.13	0.017601	5.67		0.52	70.54	38.15	1.33
Solano valle	71.857*	Max WS	APP_TR30_D3	414.69	392.72	395.54	395.94	397.22	0.017557	5.75		0.56	72.22	38.28	1.33
Solano valle	71.857*	Max WS	APP_TR30_D4	393.81	392.72	395.47	395.87	397.10	0.017637	5.65		0.50	69.80	38.09	1.33
Solano valle	71.857*	Max WS	APP_TR30_D6	304.54	392.72	395.18	395.51	396.55	0.018159	5.17		0.10	58.86	37.24	1.31
Solano valle	71.714*	Max WS	APP_TR30_D1	298.67	392.24	394.81	395.14	396.18	0.018458	5.19			57.57	36.70	1.32
Solano valle	71.714*	Max WS	APP_TR30_D2	400.52	392.24	395.15	395.55	396.80	0.017856	5.69		0.40	70.36	38.18	1.34
Solano valle	71.714*	Max WS	APP_TR30_D3	415.27	392.24	395.19	395.61	396.88	0.017810	5.77		0.45	72.05	38.32	1.34
Solano valle	71.714*	Max WS	APP_TR30_D4	394.31	392.24	395.13	395.52	396.76	0.017916	5.67		0.38	69.59	38.12	1.34
Solano valle	71.714*	Max WS	APP_TR30_D6	304.91	392.24	394.83	395.16	396.22	0.018446	5.22			58.40	36.85	1.32
Solano valle	71.571*	Max WS	APP_TR30_D1	299.12	391.75	394.44	394.79	395.85	0.018796	5.25			56.98	36.15	1.34
Solano valle	71.571*	Max WS	APP_TR30_D2	401.08	391.75	394.79	395.20	396.46	0.018301	5.73		0.25	70.00	38.21	1.35
Solano valle	71.571*	Max WS	APP_TR30_D3	415.81	391.75	394.84	395.26	396.55	0.018190	5.80		0.31	71.76	38.38	1.35
Solano valle	71.571*	Max WS	APP_TR30_D4	394.79	391.75	394.77	395.18	396.43	0.018369	5.70		0.22	69.22	38.14	1.35
Solano valle	71.571*	Max WS	APP_TR30_D6	305.27	391.75	394.46	394.82	395.89	0.018771	5.28			57.80	36.31	1.34
Solano valle	71.429*	Max WS	APP_TR30_D1	299.58	391.26	394.07	394.44	395.51	0.019262	5.32			56.26	35.55	1.35
Solano valle	71.429*	Max WS	APP_TR30_D2	401.64	391.26	394.43	394.86	396.13	0.018954	5.79			69.40	38.18	1.37
Solano valle	71.429*	Max WS	APP_TR30_D3	416.37	391.26	394.47	394.92	396.22	0.018835	5.85		0.11	71.21	38.42	1.37
Solano valle	71.429*	Max WS	APP_TR30_D4	395.29	391.26	394.40	394.84	396.10	0.018970	5.76			68.61	38.03	1.37
Solano valle	71.429*	Max WS	APP_TR30_D6	305.65	391.26	394.09	394.47	395.55	0.019236	5.36			57.08	35.72	1.35
Solano valle	71.286*	Max WS	APP_TR30_D1	300.03	390.77	393.69	394.10	395.18	0.019888	5.42			55.34	34.80	1.37
Solano valle	71.286*	Max WS	APP_TR30_D2	402.19	390.77	394.05	394.52	395.81	0.019532	5.87			68.52	37.69	1.39
Solano valle	71.286*	Max WS	APP_TR30_D3	416.91	390.77	394.10	394.57	395.89	0.019478	5.93			70.35	38.07	1.39
Solano valle	71.286*	Max WS	APP_TR30_D4	395.77	390.77	394.03	394.49	395.77	0.019564	5.85			67.70	37.52	1.39
Solano valle	71.286*	Max WS	APP_TR30_D6	306.01	390.77	393.71	394.12	395.22	0.019872	5.45			56.14	34.99	1.37
Solano valle	71.143*	Max WS	APP_TR30_D1	300.49	390.29	393.29	393.73	394.86	0.020984	5.56			54.04	33.96	1.41
Solano valle	71.143*	Max WS	APP_TR30_D2	402.74	390.29	393.66	394.16	395.49	0.020493	5.99			67.22	37.09	1.42
Solano valle	71.143*	Max WS	APP_TR30_D3	417.47	390.29	393.71	394.21	395.57	0.020360	6.04			69.13	37.51	1.42
Solano valle	71.143*	Max WS	APP_TR30_D4	396.26	390.29	393.63	394.14	395.45	0.020533	5.97			66.39	36.90	1.42
Solano valle	71.143*	Max WS	APP_TR30_D6	306.39	390.29	393.31	393.76	394.90	0.020960	5.59			54.82	34.16	1.41
Solano valle	71 SOL-60	Max WS	APP_TR30_D1	300.94	389.80	392.85	393.37	394.57	0.023278	5.80			51.86	32.93	1.48
Solano valle	71 SOL-60	Max WS	APP_TR30_D2	403.30	389.80	393.24	393.82	395.19	0.022201	6.19			65.16	36.26	1.47
Solano valle	71 SOL-60	Max WS	APP_TR30_D3	418.01	389.80	393.29	393.87	395.27	0.021909	6.22			67.20	36.75	1.47
Solano valle	71 SOL-60	Max WS	APP_TR30_D4	396.75	389.80	393.21	393.79	395.15	0.022288	6.17			64.30	36.06	1.48
Solano valle	71 SOL-60	Max WS	APP_TR30_D6	306.75	389.80	392.87	393.40	394.61	0.023233	5.83			52.61	33.13	1.48
Solano valle	70.750*	Max WS	APP_TR30_D1	301.40	389.48	392.41	392.90	394.11	0.021855	5.78			52.12	31.80	1.44
Solano valle	70.750*	Max WS	APP_TR30_D2	403.86	389.48	392.82	393.36	394.74	0.020129	6.14			65.77	34.42	1.42
Solano valle	70.750*	Max WS	APP_TR30_D3	419.08	389.48	392.88	393.42	394.82	0.019757	6.17			67.94	34.82	1.41
Solano valle	70.750*	Max WS	APP_TR30_D4	397.25	389.48	392.79	393.33	394.70	0.020257	6.12			64.87	34.25	1.42

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Solano valle	70.750*	Max WS	APP_TR30_D6	307.13	389.48	392.43	392.92	394.15	0.021779	5.81			52.87	31.95	1.44
Solano valle	70.500*	Max WS	APP_TR30_D1	301.85	389.15	392.00	392.44	393.63	0.019322	5.66			53.34	30.60	1.37
Solano valle	70.500*	Max WS	APP_TR30_D2	404.41	389.15	392.45	392.93	394.28	0.017394	5.99			67.55	32.79	1.33
Solano valle	70.500*	Max WS	APP_TR30_D3	421.27	389.15	392.52	393.00	394.37	0.017156	6.03			69.81	33.13	1.33
Solano valle	70.500*	Max WS	APP_TR30_D4	397.73	389.15	392.42	392.90	394.24	0.017522	5.97			66.61	32.65	1.34
Solano valle	70.500*	Max WS	APP_TR30_D6	307.50	389.15	392.02	392.47	393.67	0.019238	5.68			54.09	30.72	1.37
Solano valle	70.250*	Max WS	APP_TR30_D1	302.30	388.83	391.65	391.99	393.14	0.015860	5.41			55.92	29.42	1.25
Solano valle	70.250*	Max WS	APP_TR30_D2	404.97	388.83	392.13	392.49	393.82	0.014363	5.74			70.52	31.30	1.22
Solano valle	70.250*	Max WS	APP_TR30_D3	421.81	388.83	392.21	392.56	393.92	0.014197	5.79			72.80	31.58	1.22
Solano valle	70.250*	Max WS	APP_TR30_D4	398.23	388.83	392.10	392.46	393.77	0.014453	5.72			69.57	31.18	1.22
Solano valle	70.250*	Max WS	APP_TR30_D6	307.87	388.83	391.68	392.02	393.18	0.015794	5.43			56.69	29.52	1.25
Solano valle	70 SOL-59	Max WS	APP_TR30_D1	302.75	388.51	391.38	391.55	392.68	0.012250	5.06			59.83	28.25	1.11
Solano valle	70 SOL-59	Max WS	APP_TR30_D2	405.53	388.51	391.88	392.05	393.39	0.011522	5.45			74.44	29.85	1.10
Solano valle	70 SOL-59	Max WS	APP_TR30_D3	422.36	388.51	391.95	392.13	393.50	0.011457	5.51			76.68	30.08	1.10
Solano valle	70 SOL-59	Max WS	APP_TR30_D4	398.73	388.51	391.85	392.03	393.35	0.011560	5.42			73.50	29.75	1.10
Solano valle	70 SOL-59	Max WS	APP_TR30_D6	308.25	388.51	391.40	391.57	392.72	0.012216	5.09			60.61	28.34	1.11
Solano valle	69.667*	Max WS	APP_TR30_D1	303.16	388.15	391.17	391.32	392.48	0.011729	5.08			59.71	27.18	1.09
Solano valle	69.667*	Max WS	APP_TR30_D2	406.02	388.15	391.68	391.84	393.21	0.011090	5.47		0.32	74.20	29.02	1.09
Solano valle	69.667*	Max WS	APP_TR30_D3	422.84	388.15	391.76	391.93	393.32	0.011006	5.54		0.38	76.40	29.25	1.09
Solano valle	69.667*	Max WS	APP_TR30_D4	399.16	388.15	391.65	391.82	393.16	0.011136	5.45		0.29	73.27	28.92	1.09
Solano valle	69.667*	Max WS	APP_TR30_D6	308.57	388.15	391.20	391.35	392.52	0.011711	5.10			60.48	27.29	1.09
Solano valle	69.333*	Max WS	APP_TR30_D1	303.55	387.78	390.97	391.11	392.30	0.011373	5.11		0.32	59.40	26.25	1.08
Solano valle	69.333*	Max WS	APP_TR30_D2	406.05	387.78	391.49	391.63	393.04	0.010663	5.52	0.48	0.61	73.92	28.67	1.08
Solano valle	69.333*	Max WS	APP_TR30_D3	421.96	387.78	391.57	391.70	393.15	0.010460	5.57	0.56	0.64	76.16	28.71	1.07
Solano valle	69.333*	Max WS	APP_TR30_D4	399.36	387.78	391.46	391.60	393.00	0.010750	5.49	0.44	0.60	72.98	28.65	1.08
Solano valle	69.333*	Max WS	APP_TR30_D6	308.90	387.78	391.00	391.14	392.34	0.011361	5.14		0.34	60.15	26.38	1.08
Solano valle	69 SOL-58	Max WS	APP_TR30_D1	303.93	387.42	390.77	390.89	392.14	0.011645	5.19		0.53	58.70	25.57	1.09
Solano valle	69 SOL-58	Max WS	APP_TR30_D2	406.55	387.42	391.31	391.42	392.92	0.010628	5.63		0.70	72.60	25.78	1.06
Solano valle	69 SOL-58	Max WS	APP_TR30_D3	422.44	387.42	391.39	391.50	393.04	0.010502	5.69		0.72	74.67	25.81	1.06
Solano valle	69 SOL-58	Max WS	APP_TR30_D4	399.79	387.42	391.28	391.38	392.87	0.010676	5.60		0.69	71.72	25.77	1.06
Solano valle	69 SOL-58	Max WS	APP_TR30_D6	309.23	387.42	390.80	390.92	392.18	0.011582	5.22		0.54	59.44	25.59	1.09
Solano valle	68.99			Lat Struct											
Solano valle	68.500*	Max WS	APP_TR30_D1	304.22	387.04	390.63	390.67	392.01	0.010661	5.20			58.50	22.37	1.03
Solano valle	68.500*	Max WS	APP_TR30_D2	405.60	387.04	391.18	391.27	392.84	0.010793	5.72			70.97	23.26	1.04
Solano valle	68.500*	Max WS	APP_TR30_D3	422.77	387.04	391.26	391.36	392.97	0.010870	5.80			72.85	23.38	1.05
Solano valle	68.500*	Max WS	APP_TR30_D4	398.81	387.04	391.14	391.23	392.79	0.010779	5.68			70.18	23.20	1.04
Solano valle	68.500*	Max WS	APP_TR30_D6	309.45	387.04	390.66	390.70	392.05	0.010677	5.23			59.15	22.43	1.03
Solano valle	68 SOL-57	Max WS	APP_TR30_D1	304.50	386.66	390.50	390.49	391.97	0.010911	5.38			56.56	19.08	1.00
Solano valle	68 SOL-57	Max WS	APP_TR30_D2	406.30	386.66	391.03	391.15	392.91	0.011909	6.06			67.03	19.77	1.05
Solano valle	68 SOL-57	Max WS	APP_TR30_D3	423.66	386.66	391.11	391.26	393.06	0.012119	6.18			68.61	19.87	1.06
Solano valle	68 SOL-57	Max WS	APP_TR30_D4	399.46	386.66	391.00	391.11	392.85	0.011847	6.02			66.37	19.73	1.05
Solano valle	68 SOL-57	Max WS	APP_TR30_D6	309.68	386.66	390.52	390.52	392.02	0.010976	5.42			57.10	19.12	1.00
Solano valle	67.750*	Max WS	APP_TR30_D1	304.88	386.62	390.32	390.24	391.58	0.009391	4.96			61.45	22.60	0.96
Solano valle	67.750*	Max WS	APP_TR30_D2	407.04	386.62	390.85	390.83	392.41	0.009863	5.53			73.58	23.41	1.00
Solano valle	67.750*	Max WS	APP_TR30_D3	424.27	386.62	390.93	390.92	392.54	0.009970	5.63			75.37	23.46	1.00
Solano valle	67.750*	Max WS	APP_TR30_D4	400.18	386.62	390.82	390.80	392.36	0.009842	5.50			72.80	23.38	0.99
Solano valle	67.750*	Max WS	APP_TR30_D6	310.00	386.62	390.35	390.27	391.62	0.009423	4.99			62.08	22.65	0.96
Solano valle	67.500*	Max WS	APP_TR30_D1	305.27	386.58	390.16	390.15	391.38	0.009992	4.90			62.34	25.52	1.00
Solano valle	67.500*	Max WS	APP_TR30_D2	407.52	386.58	390.68	390.68	392.16	0.009767	5.37			75.84	25.91	1.00
Solano valle	67.500*	Max WS	APP_TR30_D3	424.74	386.58	390.76	390.77	392.28	0.009826	5.46			77.77	25.97	1.01
Solano valle	67.500*	Max WS	APP_TR30_D4	400.60	386.58	390.65	390.65	392.11	0.009769	5.34			74.98	25.89	1.00
Solano valle	67.500*	Max WS	APP_TR30_D6	310.32	386.58	390.19	390.18	391.42	0.009973	4.92			63.05	25.54	1.00
Solano valle	67.250*	Max WS	APP_TR30_D1	305.64	386.54	389.96	390.20	391.40	0.013336	5.32			57.46	25.79	1.14
Solano valle	67.250*	Max WS	APP_TR30_D2	407.99	386.54	390.49	390.70	392.13	0.012610	5.67			72.01	27.79	1.12
Solano valle	67.250*	Max WS	APP_TR30_D3	425.21	386.54	390.57	390.78	392.25	0.012555	5.74			74.09	27.88	1.12
Solano valle	67.250*	Max WS	APP_TR30_D4	401.02	386.54	390.46	390.66	392.08	0.012677	5.64			71.08	27.75	1.13
Solano valle	67.250*	Max WS	APP_TR30_D6	310.64	386.54	389.99	390.22	391.44	0.013416	5.34			58.18	26.07	1.14
Solano valle	67 SOL-56	Max WS	APP_TR30_D1	306.03	386.50	389.72	390.08	391.46	0.014931	5.85			52.32	20.92	1.18
Solano valle	67 SOL-56	Max WS	APP_TR30_D2	408.47	386.50	390.25	390.74	392.32	0.015985	6.37			64.17	23.70	1.24
Solano valle	67 SOL-56	Max WS	APP_TR30_D3	425.67	386.50	390.32	390.86	392.45	0.016225	6.46			65.91	24.09	1.25
Solano valle	67 SOL-56	Max WS	APP_TR30_D4	401.44	386.50	390.22	390.69	392.26	0.015930	6.33			63.38	23.53	1.23
Solano valle	67 SOL-56	Max WS	APP_TR30_D6	310.96	386.50	389.75	390.11	391.51	0.015027	5.88			52.86	21.06	1.19
Solano valle	66.8			Lat Struct											
Solano valle	66.667*	Max WS	APP_TR30_D1	306.40	386.35	389.49	389.69	390.87	0.013220	5.22			58.75	27.11	1.13
Solano valle	66.667*	Max WS	APP_TR30_D2	408.91	386.35	390.01	390.26	391.57	0.013107	5.54			73.84	30.80	1.14
Solano valle	66.667*	Max WS	APP_TR30_D3	426.13	386.35	390.08	390.33	391.68	0.013217	5.60			76.06	31.35	1.15
Solano valle	66.667*	Max WS	APP_TR30_D4	401.85	386.35	389.98	390.24	391.53	0.013098	5.52			72.84	30.54	1.14
Solano valle	66.667*	Max WS	APP_TR30_D6	311.27	386.35	389.51	389.72	390.91	0.013215	5.24			59.45	27.25	1.13
Solano valle	66.333*	Max WS	APP_TR30_D1	306.73	386.20	389.30	389.25	390.27	0.009574	4.37			70.16	34.41	0.98
Solano valle	66.333*	Max WS	APP_TR30_D2	409.34	386.20	389.83		390.92	0.008144	4.62			88.62	34.45	0.92
Solano valle	66.333*	Max WS	APP_TR30_D3	426.46	386.20	389.90		391.02	0.008110	4.68			91.08	34.45	0.92
Solano valle	66.333*	Max WS	APP_TR30_D4	402.25	386.20	389.80		390.88	0.008187	4.60			87.50	34.45	0.92
Solano valle	66.333*	Max WS	APP_TR30_D6	311.58	386.20	389.32	389.27	390.30	0.009486	4.38			71.06	34.42	0.97
Solano valle	66 SOL-55	Max WS	APP_TR30_D1	307.05	386.05	389.17		389.83	0.005436	3.58			85.65	36.28	0.75
Solano valle	66 SOL-55	Max WS	APP_TR30_D2	408.94	386.05	389.72		390.49	0.004975	3.87			105.64	36.28	0.72
Solano valle	66 SOL-55	Max WS	APP_TR30_D3	426.36	386.05	389.79		390.59	0.005014	3.94			108.22	36.28	0.73
Solano valle	66 SOL-55	Max WS	APP_TR30_D4	401.76	386.05	389.69		390.45	0.004977	3.85			104.45	36.28	0.72
Solano valle	66 SOL-55	Max WS	APP_TR30_D6	311.79	386.05	389.20		389.86	0.005406	3.60			86.63	36.28	0.74
Solano valle	65.500*	Max WS	APP_TR30_D1	307.53	385.73	389.10		389.70	0.004025	3.45	0.34	0.79	90.74	35.33	0.67
Solano valle	65.500*	Max WS	APP_TR30_D2	410.41	385.73	389.65		390.39	0.003836	3.82	0.40	0.95	110.29	35.33	0.67
Solano valle	65.500*	Max WS	APP_TR30_D3	427.82	385.73	389.72		390.49	0.003886	3.89	0.41	0.98	112.72	35.33	0.68
Solano valle	65.500*	Max WS	APP_TR30_D4	403.12	385.73	389.62		390.34	0.003827	3.79	0.40	0.94	109.15	35.33	0.67
Solano valle	65.500*	Max WS	APP_TR30_D6	312.25	385.73	389.13		389.74	0.004008	3.47	0.35	0.80	91.73	35.33	0.67
Solano valle	65 SOL-54	Max WS	APP_TR30_D1	305.54	385.40	389.05		389.62	0.003304	3.34	0.04	0.78	94.65	33.81	0.60
Solano valle	65 SOL-54	Max WS	APP_TR30_D2	401.79	385.40	389.63		390.31	0.003199	3.68	0.42	1.01	114.39	34.38	0.61
Solano valle	65 SOL-54	Max WS	APP_TR30_D3	418.40	385.40	389.70		390.41	0.003257	3.76	0.44	1.04	116.76	34.38	0.62
Solano valle	65 SOL-54	Max WS	APP_TR30_D4	394.74	385.40	389.60		390.26	0.003181	3.64	0.41	0.99	113.29	34.38	0.61
Solano valle	65 SOL-54	Max WS	APP_TR30_D6	309.89	385.40	389.08		389.65	0.003291	3.35	0.07	0.79	95.65	33.95	0.60
Solano valle	64.667*	Max WS	APP_TR30_D1	305.58	384.91	388.97		389.56	0.003097	3.43		0.93	92.51	28.22	0.59
Solano valle	64.667*	Max WS	APP_TR30_D2	392.83	384.91	389.57		390.27	0.003066	3.75	0.20	1.07	109.51	28.91	0.59
Solano valle	64.667*	Max WS	APP_TR30_D3	407.26	384.91	389.65		390.38	0.003095	3.81	0.25	1.09	111.72	28.91	0.60
Solano valle	64.667*	Max WS	APP_TR30_D4	386.91	384.91	389.54		390.23	0.003065	3.72	0.17	1.06	108.47	28.91	0.59
Solano valle	64.667*	Max WS	APP_TR30_D6	309.79	384.91	389.00		389.60	0.003101	3.44		0.94	93.32	28.24	0.59

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Solano valle	64.333*	Max WS	APP_TR30_D1	304.90	384.42	388.84		389.54	0.003499	3.73		0.91	84.11	22.87	0.61
Solano valle	64.333*	Max WS	APP_TR30_D2	400.37	384.42	389.36		390.29	0.004025	4.30		1.03	96.14	23.07	0.66
Solano valle	64.333*	Max WS	APP_TR30_D3	415.82	384.42	389.43		390.40	0.004131	4.39		1.05	97.74	23.10	0.67
Solano valle	64.333*	Max WS	APP_TR30_D4	393.84	384.42	389.33		390.24	0.003987	4.26		1.02	95.41	23.06	0.66
Solano valle	64.333*	Max WS	APP_TR30_D6	309.35	384.42	388.86		389.58	0.003528	3.76		0.91	84.69	22.88	0.61
Solano valle	64 SOL-53	Max WS	APP_TR30_D1	289.72	383.93	388.72		389.55	0.004788	4.04			71.71	17.66	0.64
Solano valle	64 SOL-53	Max WS	APP_TR30_D2	369.78	383.93	389.29		390.33	0.005365	4.53			81.70	17.78	0.67
Solano valle	64 SOL-53	Max WS	APP_TR30_D3	382.59	383.93	389.36		390.44	0.005489	4.61			83.00	17.79	0.68
Solano valle	64 SOL-53	Max WS	APP_TR30_D4	364.34	383.93	389.25		390.28	0.005320	4.49			81.09	17.77	0.67
Solano valle	64 SOL-53	Max WS	APP_TR30_D6	293.38	383.93	388.75		389.59	0.004813	4.06			72.20	17.66	0.64
Solano valle	63.667*	Max WS	APP_TR30_D1	296.98	384.02	388.63		389.44	0.004980	3.98			74.61	21.53	0.68
Solano valle	63.667*	Max WS	APP_TR30_D2	380.95	384.02	389.19		390.18	0.005228	4.39			86.81	21.66	0.70
Solano valle	63.667*	Max WS	APP_TR30_D3	394.33	384.02	389.27		390.28	0.005313	4.46			88.38	21.67	0.71
Solano valle	63.667*	Max WS	APP_TR30_D4	375.15	384.02	389.16		390.13	0.005197	4.36			86.08	21.65	0.70
Solano valle	63.667*	Max WS	APP_TR30_D6	300.80	384.02	388.66		389.47	0.004986	4.00			75.22	21.54	0.68
Solano valle	63.333*	Max WS	APP_TR30_D1	302.87	384.11	388.61		389.26	0.003967	3.57			84.78	25.41	0.62
Solano valle	63.333*	Max WS	APP_TR30_D2	382.75	384.11	389.21		389.95	0.003851	3.83			99.99	25.55	0.62
Solano valle	63.333*	Max WS	APP_TR30_D3	394.49	384.11	389.28		390.05	0.003859	3.87			101.95	25.57	0.62
Solano valle	63.333*	Max WS	APP_TR30_D4	377.63	384.11	389.17		389.91	0.003853	3.81			99.08	25.54	0.62
Solano valle	63.333*	Max WS	APP_TR30_D6	306.85	384.11	388.64		389.30	0.003969	3.59			85.50	25.42	0.62
Solano valle	63 SOL-52	Max WS	APP_TR30_D1	314.29	384.20	388.63	387.39	389.11	0.002826	3.08			101.99	29.22	0.53
Solano valle	63 SOL-52	Max WS	APP_TR30_D2	400.21	384.20	389.22	387.79	389.80	0.002833	3.35			119.43	29.42	0.53
Solano valle	63 SOL-52	Max WS	APP_TR30_D3	412.28	384.20	389.30	387.85	389.89	0.002837	3.39			121.74	29.44	0.53
Solano valle	63 SOL-52	Max WS	APP_TR30_D4	394.78	384.20	389.19	387.77	389.75	0.002833	3.34			118.36	29.40	0.53
Solano valle	63 SOL-52	Max WS	APP_TR30_D6	318.37	384.20	388.66	387.41	389.15	0.002826	3.10			102.85	29.23	0.53
Solano valle	62.7			Inl Struct											
Solano valle	62.5 SOL-51	Max WS	APP_TR30_D1	314.28	383.95	388.16		388.71	0.002895	3.31		0.44	95.64	28.35	0.57
Solano valle	62.5 SOL-51	Max WS	APP_TR30_D2	400.21	383.95	388.67		389.35	0.003017	3.66		0.46	110.07	28.52	0.59
Solano valle	62.5 SOL-51	Max WS	APP_TR30_D3	412.28	383.95	388.74		389.43	0.003026	3.71		0.47	112.07	28.54	0.60
Solano valle	62.5 SOL-51	Max WS	APP_TR30_D4	394.76	383.95	388.63		389.31	0.003013	3.64		0.46	109.15	28.51	0.59
Solano valle	62.5 SOL-51	Max WS	APP_TR30_D6	318.37	383.95	388.18		388.75	0.002905	3.33		0.44	96.32	28.36	0.57
Solano valle	62 SOL-50	Max WS	APP_TR30_D1	321.62	383.70	388.16		388.64	0.002167	3.07		0.35	105.35	27.16	0.50
Solano valle	62 SOL-50	Max WS	APP_TR30_D2	419.22	383.70	388.59		389.25	0.002636	3.60		0.39	117.25	27.30	0.55
Solano valle	62 SOL-50	Max WS	APP_TR30_D3	433.04	383.70	388.65		389.34	0.002695	3.66		0.40	118.88	27.32	0.56
Solano valle	62 SOL-50	Max WS	APP_TR30_D4	412.94	383.70	388.57		389.21	0.002609	3.56		0.39	116.51	27.29	0.55
Solano valle	62 SOL-50	Max WS	APP_TR30_D6	326.12	383.70	388.18		388.67	0.002190	3.09		0.35	105.93	27.17	0.50
Solano valle	61.667*	Max WS	APP_TR30_D1	306.35	383.85	388.23	386.57	388.63	0.001769	2.81		0.26	109.58	28.14	0.45
Solano valle	61.667*	Max WS	APP_TR30_D2	379.64	383.85	388.78	386.93	389.26	0.001783	3.04		0.26	125.40	28.41	0.46
Solano valle	61.667*	Max WS	APP_TR30_D3	389.93	383.85	388.86	386.99	389.34	0.001786	3.07		0.26	127.52	28.44	0.46
Solano valle	61.667*	Max WS	APP_TR30_D4	374.93	383.85	388.75	386.91	389.22	0.001782	3.03		0.26	124.43	28.39	0.46
Solano valle	61.667*	Max WS	APP_TR30_D6	309.75	383.85	388.25	386.59	388.66	0.001769	2.82		0.26	110.35	28.15	0.45
Solano valle	61.4			Inl Struct											
Solano valle	61.333*	Max WS	APP_TR30_D1	306.27	382.43	385.45	385.74	387.04	0.013606	5.59			54.80	23.68	1.17
Solano valle	61.333*	Max WS	APP_TR30_D2	379.68	382.43	385.92	386.15	387.59	0.012157	5.73			66.25	25.17	1.13
Solano valle	61.333*	Max WS	APP_TR30_D3	389.87	382.43	385.99	386.21	387.67	0.011922	5.74			67.96	25.39	1.12
Solano valle	61.333*	Max WS	APP_TR30_D4	374.92	382.43	385.89	386.12	387.56	0.012273	5.73			65.44	25.07	1.13
Solano valle	61.333*	Max WS	APP_TR30_D6	309.71	382.43	385.47	385.76	387.07	0.013577	5.60			55.27	23.74	1.17
Solano valle	61 SOL-49	Max WS	APP_TR30_D1	307.38	381.79	385.25	385.20	386.51	0.009281	4.97			61.88	23.48	0.98
Solano valle	61 SOL-49	Max WS	APP_TR30_D2	394.94	381.79	385.73	385.71	387.21	0.009380	5.37			73.48	24.77	1.00
Solano valle	61 SOL-49	Max WS	APP_TR30_D3	408.57	381.79	385.80	385.79	387.31	0.009369	5.43			75.22	24.86	1.00
Solano valle	61 SOL-49	Max WS	APP_TR30_D4	388.64	381.79	385.70	385.68	387.16	0.009387	5.35			72.66	24.72	1.00
Solano valle	61 SOL-49	Max WS	APP_TR30_D6	311.01	381.79	385.27	385.22	386.54	0.009300	4.99			62.34	23.53	0.98
Solano valle	60.947*	Max WS	APP_TR30_D1	311.99	381.63	385.07	385.04	386.34	0.009494	5.00			62.37	23.94	0.99
Solano valle	60.947*	Max WS	APP_TR30_D2	411.57	381.63	385.54	385.61	387.12	0.010046	5.56		0.20	74.08	25.43	1.03
Solano valle	60.947*	Max WS	APP_TR30_D3	427.80	381.63	385.61	385.69	387.24	0.010098	5.64		0.30	75.85	25.70	1.04
Solano valle	60.947*	Max WS	APP_TR30_D4	404.09	381.63	385.51	385.57	387.06	0.010027	5.52		0.15	73.25	25.29	1.03
Solano valle	60.947*	Max WS	APP_TR30_D6	315.93	381.63	385.09	385.06	386.38	0.009530	5.03			62.84	24.00	0.99
Solano valle	60.895*	Max WS	APP_TR30_D1	312.36	381.47	384.88	384.85	386.14	0.009487	4.97			62.81	24.42	0.99
Solano valle	60.895*	Max WS	APP_TR30_D2	411.69	381.47	385.35	385.42	386.90	0.010004	5.53		0.28	74.51	25.99	1.03
Solano valle	60.895*	Max WS	APP_TR30_D3	427.87	381.47	385.41	385.50	387.02	0.010061	5.61		0.36	76.28	26.28	1.04
Solano valle	60.895*	Max WS	APP_TR30_D4	403.98	381.47	385.31	385.37	386.85	0.009975	5.49		0.24	73.66	25.86	1.03
Solano valle	60.895*	Max WS	APP_TR30_D6	316.23	381.47	384.90	384.88	386.17	0.009526	5.00			63.26	24.47	0.99
Solano valle	60.842*	Max WS	APP_TR30_D1	312.75	381.31	384.69	384.68	385.94	0.009495	4.95			63.22	24.91	0.99
Solano valle	60.842*	Max WS	APP_TR30_D2	411.65	381.31	385.15	385.22	386.69	0.009966	5.50		0.35	74.93	26.57	1.03
Solano valle	60.842*	Max WS	APP_TR30_D3	427.58	381.31	385.22	385.30	386.81	0.010017	5.58		0.43	76.71	26.85	1.04
Solano valle	60.842*	Max WS	APP_TR30_D4	404.24	381.31	385.12	385.18	386.64	0.009953	5.46		0.31	74.08	26.43	1.03
Solano valle	60.842*	Max WS	APP_TR30_D6	316.53	381.31	384.71	384.70	385.97	0.009535	4.97			63.67	24.96	0.99
Solano valle	60.789*	Max WS	APP_TR30_D1	313.11	381.16	384.51	384.50	385.74	0.009513	4.92			63.64	25.42	0.99
Solano valle	60.789*	Max WS	APP_TR30_D2	411.96	381.16	384.95	385.02	386.48	0.009952	5.47		0.42	75.36	27.16	1.03
Solano valle	60.789*	Max WS	APP_TR30_D3	427.93	381.16	385.02	385.11	386.59	0.010003	5.56		0.48	77.16	27.44	1.04
Solano valle	60.789*	Max WS	APP_TR30_D4	404.39	381.16	384.92	384.99	386.43	0.009935	5.43		0.38	74.49	27.02	1.03
Solano valle	60.789*	Max WS	APP_TR30_D6	316.84	381.16	384.52	384.52	385.77	0.009558	4.95			64.07	25.47	1.00
Solano valle	60.737*	Max WS	APP_TR30_D1	313.55	381.00	384.32	384.31	385.54	0.009555	4.90			64.03	25.95	1.00
Solano valle	60.737*	Max WS	APP_TR30_D2	412.18	381.00	384.76	384.83	386.27	0.009949	5.45		0.48	75.78	27.75	1.04
Solano valle	60.737*	Max WS	APP_TR30_D3	428.11	381.00	384.82	384.91	386.38	0.009998	5.53		0.54	77.59	28.03	1.04
Solano valle	60.737*	Max WS	APP_TR30_D4	404.74	381.00	384.73	384.79	386.22	0.009939	5.41		0.44	74.89	27.61	1.03
Solano valle	60.737*	Max WS	APP_TR30_D6	317.16	381.00	384.34	384.33	385.57	0.009599	4.92			64.45	26.01	1.00
Solano valle	60.684*	Max WS	APP_TR30_D1	313.98	380.84	384.13	384.12	385.35	0.009616	4.87			64.41	26.51	1.00
Solano valle	60.684*	Max WS	APP_TR30_D2	412.63	380.84	384.56	384.64	386.07	0.009967	5.43		0.53	76.20	28.36	1.04
Solano valle	60.684*	Max WS	APP_TR30_D3	428.55	380.84	384.63	384.72	386.18	0.010016	5.51		0.59	78.02	28.63	1.04
Solano valle	60.684*	Max WS	APP_TR30_D4	405.06	380.84	384.53	384.60	386.01	0.009956	5.39		0.50	75.29	28.22	1.04
Solano valle	60.684*	Max WS	APP_TR30_D6	317.52	380.84	384.15	384.14	385.37	0.009660	4.90			64.82	26.57	1.00
Solano valle	60.632*	Max WS	APP_TR30_D1	314.43	380.68	383.95	383.94	385.15	0.009669	4.85		0.08	64.78	27.12	1.00
Solano valle	60.632*	Max WS	APP_TR30_D2	413.06	380.68	384.37	384.45	385.86	0.010003	5.41		0.59	76.59	28.97	1.04
Solano valle	60.632*	Max WS	APP_TR30_D3	428.98	380.68	384.43	384.53	385.97	0.010056	5.49		0.64	78.42	29.25	1.05
Solano valle	60.632*	Max WS	APP_TR30_D4	405.40	380.68	384.34	384.41	385.81	0.009986	5.37		0.56	75.68	28.83	1.04
Solano valle	60.632*	Max WS	APP_TR30_D6	317.87	380.68	383.96	383.95	385.17	0.009699	4.88		0.11	65.16	27.18	1.00
Solano valle	60.579*	Max WS	APP_TR30_D1	314.86	380.52	383.76	383.76	384.95	0.009702	4.84		0.20	65.10	27.76	1.00
Solano valle	60.579*	Max WS	APP_TR30_D2	413.46	380.52	384.17	384.26	385.65	0.010056	5.39		0.64	76.97	29.60	1.04
Solano valle	60.579*	Max WS	APP_TR30_D3	429.30	380.52	384.23	384.33	385.76	0.010108	5.48		0.69	78.80	29.88	1.05
Solano valle	60.579*	Max WS	APP_TR30_D4	405.83	380.52	384.14	384.22	385.60	0.010042	5.36		0.61	76.05	29.46	1.04
Solano valle	60.579*	Max WS	APP_TR30_D6	318.23	380.52	383.77	383.78	384.97	0.009732	4.86		0.22	65.48	27.82	1.01
Solano valle	60.526*	Max WS	APP_TR30_D1	315.30	380.36	383.57	383.58	384.75	0.009765	4.82		0.29	65.39	28.41	1.01
Solano valle	60.526*	Max WS	APP_TR30_D2	413.95	380.36	383.97	384.06	385.45	0.010139	5.38		0.69	77.31	30.24	1.05

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Solano valle	60.526*	Max WS	APP_TR30_D3	429.80	380.36	384.03	384.14	385.55	0.010195	5.46		0.74	79.14	30.52	1.05
Solano valle	60.526*	Max WS	APP_TR30_D4	406.23	380.36	383.94	384.03	385.40	0.010114	5.34		0.66	76.40	30.11	1.05
Solano valle	60.526*	Max WS	APP_TR30_D6	318.59	380.36	383.58	383.59	384.78	0.009792	4.85		0.30	65.77	28.47	1.01
Solano valle	60.474*	Max WS	APP_TR30_D1	315.74	380.21	383.37	383.39	384.55	0.009861	4.81		0.36	65.64	29.08	1.01
Solano valle	60.474*	Max WS	APP_TR30_D2	414.45	380.21	383.77	383.87	385.24	0.010252	5.37		0.74	77.60	30.90	1.05
Solano valle	60.474*	Max WS	APP_TR30_D3	430.31	380.21	383.83	383.95	385.35	0.010313	5.46		0.79	79.44	31.17	1.06
Solano valle	60.474*	Max WS	APP_TR30_D4	406.68	380.21	383.74	383.84	385.19	0.010228	5.33		0.72	76.68	30.77	1.05
Solano valle	60.474*	Max WS	APP_TR30_D6	318.95	380.21	383.39	383.41	384.58	0.009889	4.84		0.38	66.01	29.14	1.01
Solano valle	60.421*	Max WS	APP_TR30_D1	316.19	380.05	383.18	383.21	384.36	0.010005	4.81		0.43	65.82	29.75	1.02
Solano valle	60.421*	Max WS	APP_TR30_D2	414.95	380.05	383.57	383.69	385.04	0.010409	5.37		0.79	77.83	31.57	1.06
Solano valle	60.421*	Max WS	APP_TR30_D3	430.81	380.05	383.63	383.77	385.14	0.010473	5.45		0.84	79.67	31.84	1.07
Solano valle	60.421*	Max WS	APP_TR30_D4	407.09	380.05	383.54	383.65	384.99	0.010383	5.33		0.76	76.90	31.44	1.06
Solano valle	60.421*	Max WS	APP_TR30_D6	319.31	380.05	383.19	383.22	384.38	0.010034	4.83		0.44	66.18	29.81	1.02
Solano valle	60.368*	Max WS	APP_TR30_D1	316.64	379.89	382.98	383.03	384.16	0.010202	4.81		0.49	65.92	30.44	1.03
Solano valle	60.368*	Max WS	APP_TR30_D2	415.44	379.89	383.36	383.50	384.83	0.010620	5.37		0.83	77.95	32.25	1.07
Solano valle	60.368*	Max WS	APP_TR30_D3	431.31	379.89	383.42	383.57	384.93	0.010669	5.45		0.88	79.80	32.49	1.08
Solano valle	60.368*	Max WS	APP_TR30_D4	407.57	379.89	383.33	383.46	384.78	0.010606	5.33		0.81	76.99	32.12	1.07
Solano valle	60.368*	Max WS	APP_TR30_D6	319.68	379.89	382.99	383.04	384.18	0.010232	4.83		0.50	66.28	30.50	1.03
Solano valle	60.316*	Max WS	APP_TR30_D1	317.08	379.73	382.78	382.84	383.96	0.010479	4.82		0.55	65.91	31.15	1.04
Solano valle	60.316*	Max WS	APP_TR30_D2	415.98	379.73	383.15	383.31	384.63	0.010857	5.39		0.88	77.93	32.79	1.08
Solano valle	60.316*	Max WS	APP_TR30_D3	431.81	379.73	383.21	383.38	384.73	0.010899	5.47		0.92	79.78	33.02	1.09
Solano valle	60.316*	Max WS	APP_TR30_D4	408.05	379.73	383.12	383.27	384.58	0.010844	5.35		0.85	76.97	32.67	1.08
Solano valle	60.316*	Max WS	APP_TR30_D6	320.05	379.73	382.79	382.86	383.98	0.010505	4.84		0.56	66.26	31.21	1.04
Solano valle	60.263*	Max WS	APP_TR30_D1	317.53	379.57	382.57	382.65	383.76	0.010831	4.85		0.60	65.75	31.82	1.06
Solano valle	60.263*	Max WS	APP_TR30_D2	416.51	379.57	382.94	383.11	384.43	0.011181	5.41		0.92	77.72	33.30	1.10
Solano valle	60.263*	Max WS	APP_TR30_D3	432.32	379.57	382.99	383.18	384.53	0.011225	5.49		0.96	79.56	33.52	1.10
Solano valle	60.263*	Max WS	APP_TR30_D4	408.52	379.57	382.91	383.08	384.38	0.011169	5.37		0.90	76.76	33.19	1.10
Solano valle	60.263*	Max WS	APP_TR30_D6	320.41	379.57	382.58	382.66	383.79	0.010859	4.87		0.61	66.08	31.86	1.06
Solano valle	60.211*	Max WS	APP_TR30_D1	317.98	379.41	382.35	382.46	383.57	0.011297	4.89		0.65	65.32	32.32	1.08
Solano valle	60.211*	Max WS	APP_TR30_D2	417.05	379.41	382.71	382.92	384.23	0.011647	5.46		0.96	77.22	33.78	1.12
Solano valle	60.211*	Max WS	APP_TR30_D3	432.87	379.41	382.77	382.99	384.33	0.011693	5.54		1.01	79.05	33.99	1.12
Solano valle	60.211*	Max WS	APP_TR30_D4	409.00	379.41	382.68	382.88	384.18	0.011637	5.42		0.94	76.26	33.66	1.12
Solano valle	60.211*	Max WS	APP_TR30_D6	320.78	379.41	382.36	382.47	383.59	0.011327	4.91		0.66	65.63	32.36	1.08
Solano valle	60.158*	Max WS	APP_TR30_D1	318.43	379.26	382.12	382.27	383.38	0.012032	4.96		0.69	64.46	32.78	1.11
Solano valle	60.158*	Max WS	APP_TR30_D2	417.58	379.26	382.48	382.73	384.03	0.012337	5.53		1.01	76.32	34.20	1.15
Solano valle	60.158*	Max WS	APP_TR30_D3	433.40	379.26	382.53	382.79	384.13	0.012372	5.62		1.05	78.15	34.41	1.15
Solano valle	60.158*	Max WS	APP_TR30_D4	409.48	379.26	382.45	382.69	383.98	0.012336	5.49		0.99	75.34	34.08	1.15
Solano valle	60.158*	Max WS	APP_TR30_D6	321.15	379.26	382.13	382.29	383.40	0.012053	4.98		0.70	64.78	32.82	1.11
Solano valle	60.105*	Max WS	APP_TR30_D1	318.88	379.10	381.87	382.09	383.20	0.013253	5.09		0.74	62.93	33.15	1.16
Solano valle	60.105*	Max WS	APP_TR30_D2	418.12	379.10	382.22	382.52	383.85	0.013432	5.66		1.05	74.75	34.55	1.19
Solano valle	60.105*	Max WS	APP_TR30_D3	433.93	379.10	382.28	382.59	383.95	0.013439	5.74		1.10	76.59	34.76	1.20
Solano valle	60.105*	Max WS	APP_TR30_D4	409.95	379.10	382.19	382.49	383.80	0.013444	5.62		1.03	73.76	34.43	1.19
Solano valle	60.105*	Max WS	APP_TR30_D6	321.51	379.10	381.88	382.10	383.21	0.013273	5.11		0.75	63.23	33.19	1.16
Solano valle	60.053*	Max WS	APP_TR30_D1	319.33	378.94	381.59	381.90	383.04	0.015533	5.33		0.77	60.23	33.38	1.24
Solano valle	60.053*	Max WS	APP_TR30_D2	418.66	378.94	381.94	382.33	383.69	0.015316	5.87		1.10	72.13	34.77	1.26
Solano valle	60.053*	Max WS	APP_TR30_D3	434.47	378.94	381.99	382.40	383.79	0.015270	5.95		1.15	73.98	34.99	1.27
Solano valle	60.053*	Max WS	APP_TR30_D4	410.42	378.94	381.91	382.29	383.64	0.015371	5.83		1.08	71.11	34.66	1.26
Solano valle	60.053*	Max WS	APP_TR30_D6	321.89	378.94	381.60	381.91	383.06	0.015553	5.34		0.78	60.52	33.42	1.24
Solano valle	60 SOL-48	Max WS	APP_TR30_D1	319.78	378.78	381.23	381.71	382.98	0.021359	5.85		0.76	54.81	33.29	1.44
Solano valle	60 SOL-48	Max WS	APP_TR30_D2	419.21	378.78	381.60	382.14	383.61	0.019279	6.28		1.15	67.41	34.77	1.40
Solano valle	60 SOL-48	Max WS	APP_TR30_D3	435.01	378.78	381.66	382.21	383.70	0.019023	6.34		1.20	69.36	34.99	1.40
Solano valle	60 SOL-48	Max WS	APP_TR30_D4	410.91	378.78	381.57	382.10	383.56	0.019475	6.25		1.12	66.32	34.64	1.41
Solano valle	60 SOL-48	Max WS	APP_TR30_D6	322.26	378.78	381.24	381.72	383.00	0.021341	5.87		0.78	55.09	33.33	1.44
Solano valle	59.667*	Max WS	APP_TR30_D1	320.23	378.10	380.80	381.32	382.64	0.022839	6.02			53.23	31.67	1.48
Solano valle	59.667*	Max WS	APP_TR30_D2	419.76	378.10	381.22	381.76	383.22	0.019170	6.27		0.72	67.13	33.96	1.40
Solano valle	59.667*	Max WS	APP_TR30_D3	435.56	378.10	381.28	381.83	383.31	0.018761	6.31		0.79	69.26	34.30	1.39
Solano valle	59.667*	Max WS	APP_TR30_D4	411.42	378.10	381.18	381.73	383.18	0.019470	6.26		0.67	65.92	33.77	1.41
Solano valle	59.667*	Max WS	APP_TR30_D6	322.63	378.10	380.80	381.33	382.66	0.022825	6.03			53.52	31.73	1.48
Solano valle	59.333*	Max WS	APP_TR30_D1	320.69	377.42	380.40	380.81	382.02	0.017682	5.65			56.74	30.44	1.32
Solano valle	59.333*	Max WS	APP_TR30_D2	420.32	377.42	380.87	381.27	382.62	0.015481	5.85		0.07	71.89	33.14	1.27
Solano valle	59.333*	Max WS	APP_TR30_D3	436.11	377.42	380.94	381.33	382.70	0.015097	5.87		0.24	74.26	33.68	1.26
Solano valle	59.333*	Max WS	APP_TR30_D4	411.90	377.42	380.83	381.23	382.57	0.015680	5.84			70.57	32.88	1.27
Solano valle	59.333*	Max WS	APP_TR30_D6	323.01	377.42	380.41	380.82	382.04	0.017670	5.66			57.04	30.49	1.32
Solano valle	59 SOL-47	Max WS	APP_TR30_D1	321.16	376.74	380.12	380.15	381.27	0.010162	4.76			67.52	30.69	1.02
Solano valle	59 SOL-47	Max WS	APP_TR30_D2	420.87	376.74	380.62	380.66	381.91	0.009732	5.02			83.76	33.88	1.02
Solano valle	59 SOL-47	Max WS	APP_TR30_D3	436.65	376.74	380.70	380.72	382.00	0.009596	5.06			86.37	34.21	1.02
Solano valle	59 SOL-47	Max WS	APP_TR30_D4	412.39	376.74	380.58	380.62	381.86	0.009784	5.01			82.34	33.61	1.02
Solano valle	59 SOL-47	Max WS	APP_TR30_D6	323.38	376.74	380.13	380.17	381.29	0.010173	4.77			67.82	30.73	1.02
Solano valle	58.667*	Max WS	APP_TR30_D1	321.46	376.43	379.99		380.96	0.008303	4.35			73.98	33.15	0.93
Solano valle	58.667*	Max WS	APP_TR30_D2	421.25	376.43	380.51		381.59	0.007531	4.61			91.36	34.12	0.90
Solano valle	58.667*	Max WS	APP_TR30_D3	437.03	376.43	380.58		381.69	0.007406	4.65			94.03	34.12	0.89
Solano valle	58.667*	Max WS	APP_TR30_D4	412.74	376.43	380.46		381.54	0.007609	4.59			89.88	34.12	0.90
Solano valle	58.667*	Max WS	APP_TR30_D6	323.64	376.43	380.00		380.97	0.008316	4.36			74.29	33.20	0.93
Solano valle	58.333*	Max WS	APP_TR30_D1	321.77	376.12	379.89		380.70	0.006568	3.98			80.75	33.69	0.82
Solano valle	58.333*	Max WS	APP_TR30_D2	421.62	376.12	380.41		381.35	0.006084	4.29			98.29	33.70	0.80
Solano valle	58.333*	Max WS	APP_TR30_D3	437.41	376.12	380.49		381.45	0.006021	4.33			100.97	33.70	0.80
Solano valle	58.333*	Max WS	APP_TR30_D4	413.07	376.12	380.37		381.30	0.006125	4.27			96.80	33.70	0.80
Solano valle	58.333*	Max WS	APP_TR30_D6	323.90	376.12	379.90		380.72	0.006576	4.00			81.06	33.69	0.82
Solano valle	58 SOL-46	Max WS	APP_TR30_D1	322.08	375.81	379.81		380.51	0.005405	3.71			86.82	33.52	0.74
Solano valle	58 SOL-46	Max WS	APP_TR30_D2	422.00	375.81	380.34		381.17	0.005204	4.04			104.45	33.66	0.73
Solano valle	58 SOL-46	Max WS	APP_TR30_D3	437.77	375.81	380.42		381.27	0.005170	4.08			107.17	33.69	0.73
Solano valle	58 SOL-46	Max WS	APP_TR30_D4	413.40	375.81	380.29		381.11	0.005223	4.01			102.97	33.65	0.73
Solano valle	58 SOL-46	Max WS	APP_TR30_D6	324.15	375.81	379.82		380.53	0.005416	3.72			87.12	33.52	0.74
Solano valle	57.500*	Max WS	APP_TR30_D1	322.47	375.89	379.71		380.50	0.006317	3.94			81.81	32.69	0.80
Solano valle	57.500*	Max WS	APP_TR30_D2	422.49	375.89	380.24		381.16	0.005942	4.27	0.15		99.02	32.82	0.78
Solano valle	57.500*	Max WS	APP_TR30_D3	438.26	375.89	380.32		381.26	0.005876	4.31	0.22		101.66	32.90	0.78
Solano valle	57.500*	Max WS	APP_TR30_D4	413.82	375.89	380.19		381.11	0.005987	4.24	0.11		97.52	32.77	0.78
Solano valle	57.500*	Max WS	APP_TR30_D6	324.47	375.89	379.72		380.52	0.006323	3.95			82.11	32.69	0.80
Solano valle	57 SOL-45	Max WS	APP_TR30_D1	322.86	375.96	379.59		380.50	0.007856	4.23			76.31	32.12	0.88
Solano valle	57 SOL-45	Max WS	APP_TR30_D2	422.96	375.96	380.12		381.17	0.007125	4.52			93.52	32.12	0.85
Solano valle	57 SOL-45	Max WS	APP_TR30_D3	438.72	375.96	380.21		381.27	0.007032	4.56			96.14	32.12	0.84
Solano valle	57 SOL-45	Max WS	APP_TR30_D4	414.25	375.96	380.08		381.11	0.007188	4.50			92.02	32.12	0.85
Solano valle	57 SOL-45	Max WS	APP_TR30_D6	324.79	375.96	379.60		380.51	0.007854	4.24			76.61	32.12	0.88
Solano valle	56.500*	Max WS	APP_TR30_D1	323.13	375.73	379.50		380.41	0.007052	4.22			76.48	29.27	0.83
Solano valle	56.500*	Max WS	APP_TR30_D2	423.29	375.73	380.04		381.11	0.006718	4.58		0.17	92.46	31.55	0.83

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Solano valle	56.500*	Max WS	APP_TR30_D3	439.05	375.73	380.13		381.22	0.006649	4.63		0.26	95.15	33.64	0.82
Solano valle	56.500*	Max WS	APP_TR30_D4	414.54	375.73	380.00		381.05	0.006764	4.56		0.10	90.99	30.36	0.83
Solano valle	56.500*	Max WS	APP_TR30_D6	325.01	375.73	379.51		380.42	0.007057	4.23			76.75	29.27	0.84
Solano valle	56 SOL-44	Max WS	APP_TR30_D1	323.40	375.49	379.42		380.27	0.006023	4.12		1.11	84.42	36.06	0.78
Solano valle	56 SOL-44	Max WS	APP_TR30_D2	423.62	375.49	379.97		380.94	0.005722	4.46		1.45	104.09	36.10	0.77
Solano valle	56 SOL-44	Max WS	APP_TR30_D3	439.38	375.49	380.05		381.04	0.005673	4.50		1.50	107.10	36.11	0.77
Solano valle	56 SOL-44	Max WS	APP_TR30_D4	414.83	375.49	379.92		380.88	0.005756	4.43		1.43	102.36	36.10	0.77
Solano valle	56 SOL-44	Max WS	APP_TR30_D6	325.23	375.49	379.43		380.28	0.006028	4.13		1.12	84.74	36.06	0.78
Solano valle	55.500*	Max WS	APP_TR30_D1	323.75	375.47	379.31		380.36	0.008399	4.52			71.66	28.08	0.90
Solano valle	55.500*	Max WS	APP_TR30_D2	424.05	375.47	379.87	379.63	381.07	0.007723	4.86		0.44	88.17	34.08	0.88
Solano valle	55.500*	Max WS	APP_TR30_D3	439.79	375.47	379.95	379.70	381.17	0.007608	4.90		0.51	91.12	35.63	0.88
Solano valle	55.500*	Max WS	APP_TR30_D4	415.21	375.47	379.82	379.58	381.01	0.007796	4.83		0.40	86.53	33.19	0.88
Solano valle	55.500*	Max WS	APP_TR30_D6	325.51	375.47	379.32		380.37	0.008397	4.53			71.91	28.08	0.90
Solano valle	55 SOL-43	Max WS	APP_TR30_D1	324.09	375.46	379.18	379.12	380.27	0.009889	4.63			70.07	29.70	0.96
Solano valle	55 SOL-43	Max WS	APP_TR30_D2	424.47	375.46	379.74		380.96	0.008640	4.88			86.94	29.77	0.91
Solano valle	55 SOL-43	Max WS	APP_TR30_D3	440.21	375.46	379.83		381.06	0.008487	4.92			89.51	29.78	0.91
Solano valle	55 SOL-43	Max WS	APP_TR30_D4	415.58	375.46	379.69		380.90	0.008742	4.86			85.44	29.76	0.92
Solano valle	55 SOL-43	Max WS	APP_TR30_D6	325.80	375.46	379.19	379.13	380.28	0.009872	4.63			70.34	29.70	0.96
Solano valle	54.500*	Max WS	APP_TR30_D1	324.52	375.31	378.92	379.38	380.82	0.018293	6.12			53.04	24.09	1.32
Solano valle	54.500*	Max WS	APP_TR30_D2	424.99	375.31	379.52	379.93	381.51	0.015061	6.24			68.09	25.40	1.22
Solano valle	54.500*	Max WS	APP_TR30_D3	440.73	375.31	379.62	380.01	381.61	0.014686	6.26			70.43	25.60	1.20
Solano valle	54.500*	Max WS	APP_TR30_D4	416.04	375.31	379.47	379.89	381.45	0.015297	6.23			66.75	25.29	1.23
Solano valle	54.500*	Max WS	APP_TR30_D6	326.15	375.31	378.93	379.39	380.84	0.018237	6.12			53.27	24.11	1.32
Solano valle	54 SOL-42	Max WS	APP_TR30_D1	324.94	375.16	378.71	377.80	379.36	0.004134	3.58			90.85	27.14	0.62
Solano valle	54 SOL-42	Max WS	APP_TR30_D2	425.51	375.16	379.35	378.29	380.14	0.004167	3.93			108.16	27.14	0.63
Solano valle	54 SOL-42	Max WS	APP_TR30_D3	441.24	375.16	379.44	378.36	380.25	0.004174	3.99			110.72	27.14	0.63
Solano valle	54 SOL-42	Max WS	APP_TR30_D4	416.50	375.16	379.29	378.24	380.07	0.004165	3.91			106.65	27.14	0.63
Solano valle	54 SOL-42	Max WS	APP_TR30_D6	326.49	375.16	378.72	377.82	379.37	0.004135	3.58			91.13	27.14	0.62
Solano valle	53.5			Bridge											
Solano valle	53 SOL-41	Max WS	APP_TR30_D1	324.94	375.11	377.60	377.76	378.99	0.013668	5.22			62.24	27.35	1.11
Solano valle	53 SOL-41	Max WS	APP_TR30_D2	425.51	375.11	377.91	378.23	379.75	0.015717	6.02			70.71	27.35	1.20
Solano valle	53 SOL-41	Max WS	APP_TR30_D3	441.23	375.11	377.96	378.30	379.87	0.015990	6.13			71.98	27.35	1.21
Solano valle	53 SOL-41	Max WS	APP_TR30_D4	416.50	375.11	377.88	378.19	379.69	0.015551	5.95			69.99	27.35	1.19
Solano valle	53 SOL-41	Max WS	APP_TR30_D6	326.49	375.11	377.60	377.76	379.00	0.013712	5.23			62.37	27.35	1.11
Solano valle	52 SOL-40	Max WS	APP_TR30_D1	325.33	375.11	377.09	377.94	379.95	0.044625	7.49			43.44	29.81	1.98
Solano valle	52 SOL-40	Max WS	APP_TR30_D2	426.00	375.11	377.42	378.38	380.66	0.040455	7.98			53.41	30.73	1.93
Solano valle	52 SOL-40	Max WS	APP_TR30_D3	441.72	375.11	377.47	378.44	380.76	0.039817	8.04			54.95	30.82	1.92
Solano valle	52 SOL-40	Max WS	APP_TR30_D4	416.93	375.11	377.39	378.34	380.60	0.040855	7.94			52.51	30.67	1.94
Solano valle	52 SOL-40	Max WS	APP_TR30_D6	326.82	375.11	377.09	377.94	379.96	0.044620	7.50			43.57	29.82	1.98
Solano valle	51 SOL-39	Max WS	APP_TR30_D1	325.64	374.37	376.62	377.17	378.64	0.025334	6.30			51.72	28.53	1.49
Solano valle	51 SOL-39	Max WS	APP_TR30_D2	426.37	374.37	376.98	377.63	379.39	0.024347	6.87			62.09	28.54	1.49
Solano valle	51 SOL-39	Max WS	APP_TR30_D3	442.09	374.37	377.04	377.70	379.49	0.024168	6.94			63.68	28.54	1.48
Solano valle	51 SOL-39	Max WS	APP_TR30_D4	417.27	374.37	376.95	377.59	379.32	0.024456	6.82			61.16	28.54	1.49
Solano valle	51 SOL-39	Max WS	APP_TR30_D6	327.08	374.37	376.62	377.18	378.65	0.025353	6.31			51.85	28.53	1.49
Solano valle	50.750*	Max WS	APP_TR30_D1	326.07	373.73	376.17	376.67	378.05	0.023085	6.07			53.75	30.09	1.45
Solano valle	50.750*	Max WS	APP_TR30_D2	426.89	373.73	376.56	377.11	378.73	0.021147	6.52			65.48	30.10	1.41
Solano valle	50.750*	Max WS	APP_TR30_D3	442.61	373.73	376.62	377.19	378.83	0.020896	6.58			67.26	30.11	1.41
Solano valle	50.750*	Max WS	APP_TR30_D4	417.73	373.73	376.53	377.07	378.67	0.021324	6.48			64.42	30.10	1.42
Solano valle	50.750*	Max WS	APP_TR30_D6	327.43	373.73	376.18	376.68	378.06	0.023089	6.08			53.89	30.09	1.45
Solano valle	50.500*	Max WS	APP_TR30_D1	326.48	373.09	375.80	376.15	377.38	0.018023	5.57			58.66	31.66	1.31
Solano valle	50.500*	Max WS	APP_TR30_D2	427.40	373.09	376.22	376.59	378.01	0.016017	5.92			72.15	31.67	1.25
Solano valle	50.500*	Max WS	APP_TR30_D3	443.11	373.09	376.29	376.65	378.11	0.015801	5.98			74.14	31.67	1.25
Solano valle	50.500*	Max WS	APP_TR30_D4	418.18	373.09	376.18	376.55	377.96	0.016179	5.90			70.93	31.67	1.26
Solano valle	50.500*	Max WS	APP_TR30_D6	327.77	373.09	375.80	376.16	377.39	0.018032	5.58			58.79	31.66	1.31
Solano valle	50.250*	Max WS	APP_TR30_D1	326.90	372.44	375.53	375.62	376.70	0.011577	4.80			68.05	33.17	1.07
Solano valle	50.250*	Max WS	APP_TR30_D2	427.92	372.44	375.98	376.04	377.33	0.010548	5.15			83.12	33.24	1.04
Solano valle	50.250*	Max WS	APP_TR30_D3	443.62	372.44	376.05	376.10	377.42	0.010443	5.20			85.32	33.24	1.04
Solano valle	50.250*	Max WS	APP_TR30_D4	418.64	372.44	375.94	376.00	377.27	0.010633	5.12			81.76	33.24	1.04
Solano valle	50.250*	Max WS	APP_TR30_D6	328.12	372.44	375.53	375.62	376.71	0.011592	4.81			68.18	33.17	1.07
Solano valle	50 SOL-38	Max WS	APP_TR30_D1	327.32	371.80	375.36		376.16	0.006459	3.97			82.50	34.43	0.82
Solano valle	50 SOL-38	Max WS	APP_TR30_D2	428.43	371.80	375.82		376.79	0.006335	4.35		0.17	98.61	35.02	0.82
Solano valle	50 SOL-38	Max WS	APP_TR30_D3	444.13	371.80	375.89		376.88	0.006311	4.40		0.23	100.96	35.14	0.83
Solano valle	50 SOL-38	Max WS	APP_TR30_D4	419.09	371.80	375.78		376.73	0.006362	4.31		0.12	97.13	34.95	0.83
Solano valle	50 SOL-38	Max WS	APP_TR30_D6	328.46	371.80	375.36		376.17	0.006470	3.97			82.63	34.43	0.82
Solano valle	49.750*	Max WS	APP_TR30_D1	327.67	371.73	375.25		376.16	0.007272	4.21			77.84	32.90	0.87
Solano valle	49.750*	Max WS	APP_TR30_D2	428.87	371.73	375.72		376.80	0.007092	4.60		0.08	93.27	33.32	0.88
Solano valle	49.750*	Max WS	APP_TR30_D3	444.57	371.73	375.79		376.89	0.007057	4.65		0.17	95.52	33.44	0.88
Solano valle	49.750*	Max WS	APP_TR30_D4	419.48	371.73	375.68		376.74	0.007120	4.57			91.87	33.25	0.88
Solano valle	49.750*	Max WS	APP_TR30_D6	328.75	371.73	375.26		376.16	0.007288	4.22			77.95	32.91	0.87
Solano valle	49.500*	Max WS	APP_TR30_D1	328.04	371.66	375.13		376.15	0.008116	4.46			73.50	30.79	0.92
Solano valle	49.500*	Max WS	APP_TR30_D2	429.31	371.66	375.60		376.81	0.007991	4.87			88.15	31.64	0.93
Solano valle	49.500*	Max WS	APP_TR30_D3	444.99	371.66	375.67		376.91	0.007969	4.93		0.05	90.28	31.70	0.93
Solano valle	49.500*	Max WS	APP_TR30_D4	419.86	371.66	375.56		376.75	0.008011	4.84			86.80	31.57	0.93
Solano valle	49.500*	Max WS	APP_TR30_D6	329.04	371.66	375.14		376.16	0.008131	4.47			73.60	30.79	0.92
Solano valle	49.250*	Max WS	APP_TR30_D1	328.39	371.58	375.00	374.95	376.13	0.009065	4.72			69.59	28.92	0.97
Solano valle	49.250*	Max WS	APP_TR30_D2	429.74	371.58	375.47	375.43	376.83	0.008932	5.15			83.38	29.55	0.98
Solano valle	49.250*	Max WS	APP_TR30_D3	445.43	371.58	375.54	375.50	376.93	0.008928	5.22			85.38	29.65	0.98
Solano valle	49.250*	Max WS	APP_TR30_D4	420.25	371.58	375.43	375.38	376.76	0.008950	5.12			82.11	29.50	0.98
Solano valle	49.250*	Max WS	APP_TR30_D6	329.34	371.58	375.00	374.95	376.14	0.009083	4.73			69.68	28.92	0.97
Solano valle	49 SOL-37	Max WS	APP_TR30_D1	328.74	371.51	374.85	374.88	376.11	0.010091	4.98			66.05	27.14	1.02
Solano valle	49 SOL-37	Max WS	APP_TR30_D2	430.17	371.51	375.32	375.39	376.83	0.009988	5.44			79.00	27.65	1.03
Solano valle	49 SOL-37	Max WS	APP_TR30_D3	445.86	371.51	375.39	375.46	376.94	0.009989	5.51			80.89	27.72	1.03
Solano valle	49 SOL-37	Max WS	APP_TR30_D4	420.64	371.51	375.28	375.34	376.77	0.010000	5.41			77.82	27.60	1.03
Solano valle	49 SOL-37	Max WS	APP_TR30_D6	329.63	371.51	374.85	374.89	376.12	0.010110	4.99			66.12	27.15	1.02
Solano valle	48 SOL-36	Max WS	APP_TR30_D1	328.83	371.51	374.81	374.87	376.13	0.010731	5.09			64.60	26.27	1.04
Solano valle	48 SOL-36	Max WS	APP_TR30_D2	430.28	371.51	375.28	375.37	376.87	0.010664	5.58			77.07	26.43	1.04
Solano valle	48 SOL-36	Max WS	APP_TR30_D3	445.97	371.51	375.35	375.45	376.98	0.010676	5.65			78.87	26.46	1.05
Solano valle	48 SOL-36	Max WS	APP_TR30_D4	420.74	371.51	375.24	375.33	376.81	0.010671	5.54			75.94	26.42	1.04
Solano valle	48 SOL-36	Max WS	APP_TR30_D6	329.70	371.51	374.81	374.88	376.14	0.010751	5.10			64.67	26.27	1.04
Solano valle	47.750*	Max WS	APP_TR30_D1	329.28	371.28	374.60	374.67	375.96	0.010830	5.17			63.73	25.47	1.04
Solano valle	47.750*	Max WS	APP_TR30_D2	430.83	371.28	375.07	375.18	376.72	0.010757	5.68		0.38	75.98	26.78	1.05
Solano valle	47.750*	Max WS	APP_TR30_D3	446.50	371.28	375.14	375.26	376.83	0.010744	5.75		0.46	77.81	27.10	1.05
Solano valle	47.750*	Max WS	APP_TR30_D4	421.22	371.28	375.03	375.13	376.65	0.010778	5.63		0.32	74.83	26.53	1.05
Solano valle	47.750*	Max WS	APP_TR30_D6	330.07	371.28	374.60	374.67	375.97	0.010850	5.17			63.79	25.47	1.04

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Solano valle	47.500*	Max WS	APP_TR30_D1	329.72	371.06	374.38	374.47	375.79	0.010885	5.25		0.41	62.86	25.43	1.05
Solano valle	47.500*	Max WS	APP_TR30_D2	431.38	371.06	374.86	375.01	376.56	0.010681	5.78	0.21	0.86	75.39	27.24	1.06
Solano valle	47.500*	Max WS	APP_TR30_D3	447.05	371.06	374.93	375.09	376.67	0.010644	5.85	0.30	0.92	77.26	27.66	1.06
Solano valle	47.500*	Max WS	APP_TR30_D4	421.71	371.06	374.82	374.96	376.49	0.010722	5.73	0.13	0.82	74.20	26.97	1.06
Solano valle	47.500*	Max WS	APP_TR30_D6	330.44	371.06	374.39	374.48	375.80	0.010907	5.26		0.41	62.91	25.43	1.05
Solano valle	47.250*	Max WS	APP_TR30_D1	330.17	370.83	374.17	374.29	375.62	0.010732	5.34	0.29	0.86	62.50	26.02	1.06
Solano valle	47.250*	Max WS	APP_TR30_D2	431.93	370.83	374.66	374.83	376.40	0.010329	5.87	0.72	1.20	75.59	28.05	1.07
Solano valle	47.250*	Max WS	APP_TR30_D3	447.59	370.83	374.73	374.91	376.51	0.010293	5.94	0.77	1.24	77.52	28.33	1.07
Solano valle	47.250*	Max WS	APP_TR30_D4	422.19	370.83	374.61	374.78	376.33	0.010368	5.82	0.69	1.17	74.34	27.87	1.07
Solano valle	47.250*	Max WS	APP_TR30_D6	330.80	370.83	374.17	374.30	375.63	0.010752	5.35	0.29	0.86	62.54	26.03	1.06
Solano valle	47 SOL-35	Max WS	APP_TR30_D1	330.62	370.60	373.96	374.30	375.81	0.011006	6.26	1.93	1.98	62.66	26.40	1.13
Solano valle	47 SOL-35	Max WS	APP_TR30_D2	432.47	370.60	374.45	374.90	376.67	0.011181	6.94	2.21	2.28	75.82	27.79	1.16
Solano valle	47 SOL-35	Max WS	APP_TR30_D3	448.14	370.60	374.51	374.98	376.80	0.011216	7.04	2.25	2.32	77.73	27.98	1.17
Solano valle	47 SOL-35	Max WS	APP_TR30_D4	422.68	370.60	374.40	374.85	376.59	0.011177	6.88	2.19	2.25	74.57	27.66	1.16
Solano valle	47 SOL-35	Max WS	APP_TR30_D6	331.18	370.60	373.96	374.30	375.81	0.011032	6.27	1.93	1.98	62.68	26.40	1.13
Solano valle	46 SOL-34	Max WS	APP_TR30_D1	330.77	370.60	373.88	374.30	375.87	0.012197	6.47	1.97	2.02	60.18	25.62	1.18
Solano valle	46 SOL-34	Max WS	APP_TR30_D2	432.66	370.60	374.37	374.90	376.76	0.012296	7.16	2.25	2.33	72.87	26.72	1.21
Solano valle	46 SOL-34	Max WS	APP_TR30_D3	448.32	370.60	374.44	374.97	376.89	0.012322	7.26	2.28	2.37	74.70	26.86	1.22
Solano valle	46 SOL-34	Max WS	APP_TR30_D4	422.85	370.60	374.32	374.85	376.67	0.012295	7.10	2.23	2.30	71.67	26.62	1.21
Solano valle	46 SOL-34	Max WS	APP_TR30_D6	331.30	370.60	373.89	374.30	375.87	0.012223	6.48	1.98	2.02	60.21	25.63	1.18
Solano valle	45.500*	Max WS	APP_TR30_D1	331.19	370.28	373.67	373.98	375.43	0.010391	6.03	1.59	1.73	63.17	27.59	1.10
Solano valle	45.500*	Max WS	APP_TR30_D2	433.18	370.28	374.16	374.56	376.27	0.010480	6.68	1.83	2.02	77.00	29.68	1.13
Solano valle	45.500*	Max WS	APP_TR30_D3	448.83	370.28	374.23	374.64	376.39	0.010495	6.77	1.88	2.06	79.04	29.88	1.14
Solano valle	45.500*	Max WS	APP_TR30_D4	423.30	370.28	374.11	374.51	376.19	0.010486	6.62	1.80	2.00	75.67	29.54	1.13
Solano valle	45.500*	Max WS	APP_TR30_D6	331.64	370.28	373.68	373.99	375.43	0.010412	6.04	1.59	1.73	63.19	27.59	1.10
Solano valle	45 SOL-33	Max WS	APP_TR30_D1	331.61	369.95	373.50	373.63	375.01	0.008692	5.56	1.37	1.45	67.61	29.61	1.01
Solano valle	45 SOL-33	Max WS	APP_TR30_D2	433.69	369.95	373.98	374.22	375.81	0.008836	6.18	1.59	1.71	82.52	32.48	1.04
Solano valle	45 SOL-33	Max WS	APP_TR30_D3	449.35	369.95	374.05	374.31	375.92	0.008860	6.26	1.61	1.74	84.73	32.89	1.05
Solano valle	45 SOL-33	Max WS	APP_TR30_D4	423.76	369.95	373.93	374.16	375.73	0.008835	6.12	1.57	1.68	81.06	32.21	1.04
Solano valle	45 SOL-33	Max WS	APP_TR30_D6	332.00	369.95	373.50	373.64	375.01	0.008712	5.57	1.37	1.46	67.61	29.61	1.01
Solano valle	44.667*	Max WS	APP_TR30_D1	331.95	369.87	373.36	373.55	374.88	0.008869	5.64	1.52	1.57	69.29	31.53	1.02
Solano valle	44.667*	Max WS	APP_TR30_D2	434.11	369.87	373.84	374.10	375.66	0.008935	6.23	1.72	1.86	84.99	34.19	1.05
Solano valle	44.667*	Max WS	APP_TR30_D3	449.77	369.87	373.91	374.19	375.77	0.008948	6.31	1.74	1.90	87.32	34.60	1.06
Solano valle	44.667*	Max WS	APP_TR30_D4	424.14	369.87	373.80	374.04	375.59	0.008939	6.18	1.71	1.83	83.46	33.91	1.05
Solano valle	44.667*	Max WS	APP_TR30_D6	332.29	369.87	373.36	373.55	374.89	0.008890	5.65	1.52	1.57	69.28	31.53	1.02
Solano valle	44.333*	Max WS	APP_TR30_D1	332.30	369.80	373.23	373.42	374.72	0.008781	5.65	1.61	1.69	71.79	32.99	1.02
Solano valle	44.333*	Max WS	APP_TR30_D2	434.55	369.80	373.71	373.94	375.47	0.008822	6.23	1.79	1.99	88.12	35.61	1.05
Solano valle	44.333*	Max WS	APP_TR30_D3	450.20	369.80	373.77	374.04	375.59	0.008845	6.32	1.78	2.03	90.54	36.23	1.05
Solano valle	44.333*	Max WS	APP_TR30_D4	424.52	369.80	373.66	373.89	375.40	0.008822	6.18	1.80	1.97	86.51	35.22	1.05
Solano valle	44.333*	Max WS	APP_TR30_D6	332.58	369.80	373.23	373.42	374.72	0.008801	5.66	1.61	1.70	71.77	32.99	1.02
Solano valle	44 SOL-32	Max WS	APP_TR30_D1	332.65	369.72	373.10	373.24	374.52	0.008408	5.60	1.65	1.80	75.17	34.23	1.00
Solano valle	44 SOL-32	Max WS	APP_TR30_D2	434.97	369.72	373.57	373.54	375.25	0.008476	6.17	1.86	2.09	92.03	36.64	1.03
Solano valle	44 SOL-32	Max WS	APP_TR30_D3	450.61	369.72	373.64	373.59	375.38	0.008552	6.27	1.75	2.13	94.52	38.08	1.04
Solano valle	44 SOL-32	Max WS	APP_TR30_D4	424.90	369.72	373.53	373.54	375.19	0.008472	6.11	1.84	2.07	90.39	36.37	1.03
Solano valle	44 SOL-32	Max WS	APP_TR30_D6	332.86	369.72	373.10	373.24	374.52	0.008425	5.60	1.65	1.80	75.15	34.23	1.00
Solano valle	43.8			Lat Struct											
Solano valle	43.750*	Max WS	APP_TR30_D1	333.09	369.54	372.93	373.08	374.37	0.008634	5.63	1.45	1.84	75.56	36.43	1.02
Solano valle	43.750*	Max WS	APP_TR30_D2	435.52	369.54	373.40	373.71	375.10	0.008658	6.19	1.39	2.10	94.91	44.69	1.04
Solano valle	43.750*	Max WS	APP_TR30_D3	451.16	369.54	373.47	373.79	375.20	0.008652	6.27	1.41	2.13	97.93	45.73	1.04
Solano valle	43.750*	Max WS	APP_TR30_D4	425.39	369.54	373.36	373.65	375.03	0.008672	6.15	1.37	2.08	92.92	44.02	1.04
Solano valle	43.750*	Max WS	APP_TR30_D6	333.22	369.54	372.93	373.08	374.37	0.008653	5.63	1.45	1.84	75.52	36.41	1.02
Solano valle	43.500*	Max WS	APP_TR30_D1	333.53	369.36	372.76	372.95	374.16	0.008632	5.59	1.34	1.86	77.77	40.00	1.01
Solano valle	43.500*	Max WS	APP_TR30_D2	436.07	369.36	373.23	373.52	374.85	0.008472	6.09	1.53	2.07	98.18	45.73	1.03
Solano valle	43.500*	Max WS	APP_TR30_D3	451.71	369.36	373.30	373.59	374.94	0.008453	6.16	1.56	2.09	101.27	46.59	1.03
Solano valle	43.500*	Max WS	APP_TR30_D4	425.87	369.36	373.19	373.47	374.78	0.008494	6.05	1.52	2.05	96.13	45.18	1.03
Solano valle	43.500*	Max WS	APP_TR30_D6	333.59	369.36	372.76	372.95	374.16	0.008652	5.60	1.34	1.86	77.71	39.98	1.02
Solano valle	43.250*	Max WS	APP_TR30_D1	333.96	369.19	372.59	372.73	373.94	0.008462	5.51	1.51	1.90	78.74	38.14	1.00
Solano valle	43.250*	Max WS	APP_TR30_D2	435.86	369.19	373.07	373.25	374.63	0.008304	6.01	1.86	2.04	97.81	41.19	1.02
Solano valle	43.250*	Max WS	APP_TR30_D3	451.09	369.19	373.13	373.32	374.72	0.008273	6.08	1.90	2.06	100.59	41.54	1.02
Solano valle	43.250*	Max WS	APP_TR30_D4	425.86	369.19	373.02	373.21	374.57	0.008330	5.97	1.83	2.02	95.93	40.92	1.02
Solano valle	43.250*	Max WS	APP_TR30_D6	333.95	369.19	372.59	372.73	373.94	0.008480	5.51	1.51	1.90	78.67	38.12	1.00
Solano valle	43 SOL-31	Max WS	APP_TR30_D1	334.12	369.01	372.42	372.52	373.81	0.008611	5.55	1.61	1.97	75.22	32.41	1.01
Solano valle	43 SOL-31	Max WS	APP_TR30_D2	432.71	369.01	372.90	373.00	374.54	0.008520	6.08	1.79	2.15	91.27	34.53	1.03
Solano valle	43 SOL-31	Max WS	APP_TR30_D3	447.33	369.01	372.97	373.08	374.64	0.008506	6.15	1.81	2.17	93.62	34.90	1.03
Solano valle	43 SOL-31	Max WS	APP_TR30_D4	423.05	369.01	372.85	372.95	374.47	0.008535	6.03	1.77	2.14	89.69	34.28	1.03
Solano valle	43 SOL-31	Max WS	APP_TR30_D6	334.04	369.01	372.42	372.52	373.81	0.008629	5.55	1.61	1.97	75.15	32.40	1.01
Solano valle	42.667*	Max WS	APP_TR30_D1	332.68	368.81	372.29	372.32	373.60	0.007842	5.44	1.67	1.96	78.32	33.39	0.97
Solano valle	42.667*	Max WS	APP_TR30_D2	430.88	368.81	372.77	372.82	374.31	0.007792	5.95	1.92	2.19	94.79	34.79	0.99
Solano valle	42.667*	Max WS	APP_TR30_D3	445.66	368.81	372.84	372.89	374.41	0.007793	6.03	1.95	2.22	97.14	34.99	1.00
Solano valle	42.667*	Max WS	APP_TR30_D4	421.13	368.81	372.72	372.77	374.24	0.007805	5.91	1.90	2.17	93.17	34.66	0.99
Solano valle	42.667*	Max WS	APP_TR30_D6	332.54	368.81	372.28	372.32	373.60	0.007857	5.44	1.67	1.96	78.24	33.38	0.97
Solano valle	42.333*	Max WS	APP_TR30_D1	334.91	368.62	372.16	372.22	373.45	0.007391	5.42	1.65	1.87	81.95	36.14	0.95
Solano valle	42.333*	Max WS	APP_TR30_D2	436.26	368.62	372.65	372.71	374.14	0.007393	5.94	1.94	2.15	99.67	37.07	0.97
Solano valle	42.333*	Max WS	APP_TR30_D3	451.46	368.62	372.72	372.78	374.24	0.007398	6.01	1.97	2.19	102.17	37.20	0.98
Solano valle	42.333*	Max WS	APP_TR30_D4	426.11	368.62	372.60	372.66	374.08	0.007397	5.89	1.91	2.13	97.94	36.99	0.97
Solano valle	42.333*	Max WS	APP_TR30_D6	334.69	368.62	372.16	372.22	373.45	0.007404	5.42	1.65	1.87	81.85	36.13	0.95
Solano valle	42 SOL-30	Max WS	APP_TR30_D1	335.63	368.42	372.05	372.05	373.30	0.006935	5.39	1.59	2.02	83.08	34.84	0.93
Solano valle	42 SOL-30	Max WS	APP_TR30_D2	436.56	368.42	372.53	372.54	374.02	0.007083	5.95	1.91	2.28	100.08	35.63	0.96
Solano valle	42 SOL-30	Max WS	APP_TR30_D3	451.35	368.42	372.60	372.61	374.12	0.007096	6.02	1.95	2.31	102.47	35.73	0.96
Solano valle	42 SOL-30	Max WS	APP_TR30_D4	426.58	368.42	372.49	372.50	373.95	0.007079	5.90	1.88	2.25	98.42	35.55	0.96
Solano valle	42 SOL-30	Max WS	APP_TR30_D6	335.34	368.42	372.05	372.04	373.30	0.006947	5.39	1.58	2.02	82.97	34.84	0.93
Solano valle	41.750*	Max WS	APP_TR30_D1	336.19	368.36	371.90	372.04	373.39	0.008278	5.76	1.68	2.07	74.19	31.24	1.01
Solano valle	41.750*	Max WS	APP_TR30_D2	434.60	368.36	372.38	372.56	374.14	0.008346	6.33	2.01	2.30	89.50	32.31	1.04
Solano valle	41.750*	Max WS	APP_TR30_D3	449.35	368.36	372.45	372.63	374.24	0.008354	6.41	2.06	2.33	91.67	32.39	1.04
Solano valle	41.750*	Max WS	APP_TR30_D4	424.69	368.36	372.33	372.52	374.07	0.008349	6.28	1.98	2.27	88.00	32.26	1.03
Solano valle	41.750*	Max WS	APP_TR30_D6	335.82	368.36	371.90	372.04	373.39	0.008290	5.76	1.68	2.07	74.08	31.22	1.01
Solano valle	41.500*	Max WS	APP_TR30_D1	336.56	368.31	371.72	372.00	373.44	0.009757	6.10	1.80	2.12	67.12	27.85	1.09
Solano valle	41.500*	Max WS	APP_TR30_D2	437.02	368.31	372.20	372.54	374.26	0.009922	6.74	2.10	2.35	80.87	29.32	1.12
Solano valle	41.500*	Max WS	APP_TR30_D3	451.70	368.31	372.26	372.63	374.38	0.009920	6.83	2.15	2.38	82.84	29.40	1.12
Solano valle	41.500*	Max WS	APP_TR30_D4	426.98	368.31	372.15	372.50	374.19	0.009926	6.69	2.06	2.33	79.50	29.26	1.12
Solano valle	41.500*	Max WS	APP_TR30_D6	336.11	368.31	371.72	372.00	373.44	0.009768	6.10	1.80	2.12	67.02	27.83	1.09
Solano valle	41.250*	Max WS	APP_TR30_D1	336.95	368.25	371.51	371.92	373.49	0.011657	6.46	1.91	2.10	61.00	25.27	1.18
Solano valle	41.250*	Max WS	APP_TR30_D2	439.84	368.25	371.98	372.52	374.40	0.011929	7.19	2.17	2.34	73.40	27.03	1.22
Solano valle	41.250*	Max WS	APP_TR30_D3	455.19	368.25	372.05	372.59	374.53	0.011948	7.28	2.22	2.37	75.19	27.08	1.22
Solano valle	41.250*	Max WS	APP_TR30_D4	429.31	368.25	371.93	372.46	374.31	0.011915	7.12	2.14	2.32	72.14	26.86	1.22

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Solano valle	41.250*	Max WS	APP_TR30_D6	336.43	368.25	371.50	371.92	373.48	0.011671	6.46	1.91	2.10	60.91	25.26	1.18
Solano valle	41 SOL-29	Max WS	APP_TR30_D1	337.37	368.19	371.25	371.82	373.56	0.014488	6.90	2.02	2.00	55.15	23.20	1.29
Solano valle	41 SOL-29	Max WS	APP_TR30_D2	440.72	368.19	371.72	372.45	374.53	0.014619	7.66	2.30	2.21	66.38	24.57	1.33
Solano valle	41 SOL-29	Max WS	APP_TR30_D3	456.33	368.19	371.78	372.54	374.67	0.014648	7.77	2.34	2.24	68.00	24.77	1.34
Solano valle	41 SOL-29	Max WS	APP_TR30_D4	430.01	368.19	371.67	372.39	374.44	0.014611	7.59	2.27	2.19	65.25	24.44	1.33
Solano valle	41 SOL-29	Max WS	APP_TR30_D6	336.77	368.19	371.24	371.82	373.55	0.014506	6.90	2.02	2.00	55.06	23.19	1.29
Solano valle	40.667*	Max WS	APP_TR30_D1	337.77	367.88	370.98	371.57	373.30	0.014785	6.86	1.79	1.88	53.74	22.47	1.30
Solano valle	40.667*	Max WS	APP_TR30_D2	441.23	367.88	371.45	372.25	374.29	0.014900	7.62	1.93	2.11	64.73	24.51	1.34
Solano valle	40.667*	Max WS	APP_TR30_D3	456.83	367.88	371.51	372.33	374.43	0.014918	7.72	1.96	2.14	66.34	24.81	1.34
Solano valle	40.667*	Max WS	APP_TR30_D4	430.47	367.88	371.40	372.19	374.19	0.014901	7.55	1.91	2.09	63.59	24.31	1.33
Solano valle	40.667*	Max WS	APP_TR30_D6	337.11	367.88	370.97	371.56	373.30	0.014808	6.85	1.79	1.88	53.64	22.45	1.30
Solano valle	40.333*	Max WS	APP_TR30_D1	338.18	367.58	370.71	371.24	372.93	0.014329	6.67	1.63	1.72	54.05	22.11	1.27
Solano valle	40.333*	Max WS	APP_TR30_D2	441.74	367.58	371.18	371.83	373.91	0.014446	7.42	1.91	1.96	64.56	23.03	1.31
Solano valle	40.333*	Max WS	APP_TR30_D3	457.34	367.58	371.24	372.00	374.05	0.014474	7.52	1.94	1.99	66.06	23.15	1.31
Solano valle	40.333*	Max WS	APP_TR30_D4	430.92	367.58	371.13	371.76	373.81	0.014441	7.35	1.88	1.93	63.49	22.93	1.30
Solano valle	40.333*	Max WS	APP_TR30_D6	337.44	367.58	370.71	371.23	372.93	0.014346	6.67	1.63	1.72	53.95	22.10	1.27
Solano valle	40 SOL-28	Max WS	APP_TR30_D1	338.59	367.27	370.46	370.87	372.50	0.013046	6.36	1.40	1.55	55.88	22.23	1.21
Solano valle	40 SOL-28	Max WS	APP_TR30_D2	442.25	367.27	370.92	371.48	373.44	0.013293	7.10	1.67	1.79	66.37	23.08	1.25
Solano valle	40 SOL-28	Max WS	APP_TR30_D3	457.84	367.27	370.99	371.57	373.58	0.013346	7.21	1.71	1.82	67.84	23.19	1.25
Solano valle	40 SOL-28	Max WS	APP_TR30_D4	431.37	367.27	370.88	371.42	373.35	0.013278	7.03	1.65	1.77	65.30	22.99	1.24
Solano valle	40 SOL-28	Max WS	APP_TR30_D6	337.78	367.27	370.46	370.86	372.49	0.013064	6.36	1.40	1.55	55.77	22.22	1.21
Solano valle	39.857*	Max WS	APP_TR30_D1	339.03	367.02	370.21	370.61	372.17	0.012660	6.27	1.53	1.59	57.98	24.55	1.19
Solano valle	39.857*	Max WS	APP_TR30_D2	442.80	367.02	370.67	371.21	373.06	0.012804	6.97	1.82	1.84	69.58	25.96	1.23
Solano valle	39.857*	Max WS	APP_TR30_D3	458.39	367.02	370.73	371.30	373.19	0.012844	7.07	1.86	1.87	71.21	26.15	1.23
Solano valle	39.857*	Max WS	APP_TR30_D4	431.86	367.02	370.62	371.15	372.97	0.012797	6.90	1.80	1.81	68.38	25.82	1.22
Solano valle	39.857*	Max WS	APP_TR30_D6	338.15	367.02	370.20	370.60	372.16	0.012674	6.26	1.53	1.59	57.86	24.54	1.19
Solano valle	39.714*	Max WS	APP_TR30_D1	339.47	366.76	369.96	370.36	371.92	0.012627	6.25	1.36	1.52	57.60	24.30	1.19
Solano valle	39.714*	Max WS	APP_TR30_D2	443.35	366.76	370.42	370.97	372.82	0.012812	6.96	1.62	1.79	69.02	25.91	1.23
Solano valle	39.714*	Max WS	APP_TR30_D3	458.93	366.76	370.48	371.04	372.95	0.012852	7.06	1.65	1.82	70.65	26.13	1.24
Solano valle	39.714*	Max WS	APP_TR30_D4	432.35	366.76	370.37	370.91	372.73	0.012801	6.89	1.59	1.76	67.83	25.74	1.23
Solano valle	39.714*	Max WS	APP_TR30_D6	338.51	366.76	369.95	370.36	371.91	0.012646	6.25	1.36	1.52	57.46	24.28	1.19
Solano valle	39.571*	Max WS	APP_TR30_D1	339.92	366.51	369.71	370.11	371.63	0.012438	6.20	1.36	1.53	58.56	25.30	1.19
Solano valle	39.571*	Max WS	APP_TR30_D2	443.89	366.51	370.17	370.71	372.52	0.012599	6.89	1.62	1.79	70.38	27.14	1.22
Solano valle	39.571*	Max WS	APP_TR30_D3	459.48	366.51	370.23	370.79	372.64	0.012636	6.99	1.65	1.83	72.07	27.39	1.23
Solano valle	39.571*	Max WS	APP_TR30_D4	432.83	366.51	370.12	370.65	372.43	0.012589	6.83	1.59	1.76	69.15	26.95	1.22
Solano valle	39.571*	Max WS	APP_TR30_D6	338.88	366.51	369.71	370.10	371.63	0.012455	6.19	1.36	1.52	58.40	25.27	1.19
Solano valle	39.5			Lat Struct											
Solano valle	39.429*	Max WS	APP_TR30_D1	340.36	366.25	369.47	369.86	371.34	0.012217	6.13	1.37	1.44	60.09	27.55	1.18
Solano valle	39.429*	Max WS	APP_TR30_D2	444.44	366.25	369.92	370.52	372.20	0.012318	6.81	1.40	1.71	73.14	31.30	1.21
Solano valle	39.429*	Max WS	APP_TR30_D3	460.02	366.25	369.98	370.61	372.32	0.012343	6.90	1.40	1.74	75.08	31.99	1.22
Solano valle	39.429*	Max WS	APP_TR30_D4	433.32	366.25	369.87	370.46	372.11	0.012311	6.74	1.41	1.68	71.73	30.79	1.21
Solano valle	39.429*	Max WS	APP_TR30_D6	339.25	366.25	369.47	369.85	371.34	0.012236	6.13	1.36	1.44	59.91	27.51	1.18
Solano valle	39.3			Lat Struct											
Solano valle	39.286*	Max WS	APP_TR30_D1	340.81	366.00	369.23	369.64	371.06	0.011996	6.07	1.25	1.44	61.58	29.70	1.17
Solano valle	39.286*	Max WS	APP_TR30_D2	444.99	366.00	369.68	370.23	371.87	0.011984	6.70	1.39	1.70	75.86	34.27	1.20
Solano valle	39.286*	Max WS	APP_TR30_D3	460.56	366.00	369.74	370.30	371.99	0.011984	6.79	1.42	1.74	77.99	34.94	1.20
Solano valle	39.286*	Max WS	APP_TR30_D4	433.81	366.00	369.64	370.19	371.79	0.011992	6.64	1.37	1.68	74.31	33.80	1.19
Solano valle	39.286*	Max WS	APP_TR30_D6	339.61	366.00	369.23	369.64	371.05	0.012015	6.06	1.25	1.44	61.38	29.63	1.17
Solano valle	39.143*	Max WS	APP_TR30_D1	341.26	365.74	369.00	369.36	370.79	0.011802	6.01	1.30	1.67	61.97	28.45	1.16
Solano valle	39.143*	Max WS	APP_TR30_D2	445.53	365.74	369.45	369.92	371.61	0.011836	6.65	1.54	1.93	75.24	31.07	1.19
Solano valle	39.143*	Max WS	APP_TR30_D3	461.10	365.74	369.51	370.00	371.72	0.011842	6.74	1.58	1.97	77.17	31.44	1.19
Solano valle	39.143*	Max WS	APP_TR30_D4	434.30	365.74	369.40	369.86	371.52	0.011842	6.59	1.52	1.91	73.82	30.80	1.19
Solano valle	39.143*	Max WS	APP_TR30_D6	339.98	365.74	368.99	369.35	370.78	0.011819	6.00	1.30	1.67	61.77	28.41	1.16
Solano valle	39 SOL-27	Max WS	APP_TR30_D1	341.70	365.49	368.77	369.11	370.49	0.011479	5.91	1.46	1.64	63.90	29.84	1.14
Solano valle	39 SOL-27	Max WS	APP_TR30_D2	446.09	365.49	369.22	369.66	371.28	0.011449	6.53	1.71	1.90	77.73	32.18	1.17
Solano valle	39 SOL-27	Max WS	APP_TR30_D3	461.64	365.49	369.28	369.74	371.39	0.011444	6.61	1.75	1.94	79.73	32.49	1.17
Solano valle	39 SOL-27	Max WS	APP_TR30_D4	434.78	365.49	369.17	369.60	371.20	0.011461	6.47	1.69	1.87	76.25	31.96	1.17
Solano valle	39 SOL-27	Max WS	APP_TR30_D6	340.36	365.49	368.77	369.10	370.48	0.011498	5.91	1.46	1.63	63.68	29.80	1.14
Solano valle	38.667*	Max WS	APP_TR30_D1	342.09	365.40	368.57	368.91	370.30	0.011675	5.93	1.51	1.77	63.31	29.16	1.15
Solano valle	38.667*	Max WS	APP_TR30_D2	446.57	365.40	369.02	369.49	371.10	0.011609	6.54	1.77	2.05	76.77	31.18	1.18
Solano valle	38.667*	Max WS	APP_TR30_D3	462.12	365.40	369.08	369.64	371.21	0.011628	6.63	1.80	2.03	78.72	31.81	1.18
Solano valle	38.667*	Max WS	APP_TR30_D4	435.21	365.40	368.97	369.40	371.01	0.011625	6.48	1.74	2.02	75.32	30.97	1.17
Solano valle	38.667*	Max WS	APP_TR30_D6	340.68	365.40	368.57	368.90	370.29	0.011695	5.92	1.50	1.77	63.09	29.13	1.15
Solano valle	38.333*	Max WS	APP_TR30_D1	342.47	365.32	368.38	368.69	370.09	0.010879	5.88	1.46	1.80	63.58	28.86	1.14
Solano valle	38.333*	Max WS	APP_TR30_D2	447.04	365.32	368.83	369.23	370.88	0.010840	6.50	1.71	2.10	76.84	30.60	1.17
Solano valle	38.333*	Max WS	APP_TR30_D3	462.59	365.32	368.89	369.31	370.99	0.010837	6.58	1.75	2.13	78.74	30.84	1.17
Solano valle	38.333*	Max WS	APP_TR30_D4	435.63	365.32	368.78	369.18	370.80	0.010847	6.44	1.69	2.07	75.43	30.42	1.17
Solano valle	38.333*	Max WS	APP_TR30_D6	341.00	365.32	368.37	368.68	370.07	0.010901	5.88	1.46	1.80	63.35	28.83	1.14
Solano valle	38 SOL-26	Max WS	APP_TR30_D1	342.86	365.23	368.20	368.47	369.83	0.010290	5.76	1.43	1.85	64.80	28.78	1.11
Solano valle	38 SOL-26	Max WS	APP_TR30_D2	447.52	365.23	368.65	369.02	370.62	0.010322	6.38	1.68	2.16	77.98	30.32	1.14
Solano valle	38 SOL-26	Max WS	APP_TR30_D3	463.06	365.23	368.71	369.07	370.73	0.010330	6.46	1.71	2.21	79.85	30.54	1.14
Solano valle	38 SOL-26	Max WS	APP_TR30_D4	436.06	365.23	368.60	368.96	370.54	0.010319	6.31	1.66	2.13	76.58	30.16	1.14
Solano valle	38 SOL-26	Max WS	APP_TR30_D6	341.32	365.23	368.19	368.46	369.82	0.010310	5.75	1.43	1.84	64.56	28.75	1.11
Solano valle	37.900*	Max WS	APP_TR30_D1	343.29	365.00	368.00	368.29	369.68	0.010509	5.82	1.52	1.84	63.95	28.89	1.12
Solano valle	37.900*	Max WS	APP_TR30_D2	448.04	365.00	368.45	368.84	370.46	0.010507	6.43	1.79	2.20	77.21	30.62	1.15
Solano valle	37.900*	Max WS	APP_TR30_D3	463.58	365.00	368.51	368.90	370.57	0.010509	6.52	1.82	2.24	79.11	30.85	1.15
Solano valle	37.900*	Max WS	APP_TR30_D4	436.52	365.00	368.40	368.79	370.38	0.010510	6.37	1.76	2.16	75.79	30.44	1.15
Solano valle	37.900*	Max WS	APP_TR30_D6	341.67	365.00	368.00	368.29	369.66	0.010528	5.81	1.51	1.84	63.70	28.86	1.12
Solano valle	37.800*	Max WS	APP_TR30_D1	343.71	364.78	367.81	368.13	369.53	0.010136	5.89	1.55	1.78	62.95	28.80	1.13
Solano valle	37.800*	Max WS	APP_TR30_D2	448.57	364.78	368.26	368.68	370.32	0.010114	6.50	1.83	2.16	76.23	30.70	1.16
Solano valle	37.800*	Max WS	APP_TR30_D3	464.10	364.78	368.32	368.75	370.43	0.010115	6.59	1.86	2.21	78.12	30.96	1.16
Solano valle	37.800*	Max WS	APP_TR30_D4	436.99	364.78	368.21	368.63	370.23	0.010119	6.44	1.80	2.12	74.79	30.50	1.16
Solano valle	37.800*	Max WS	APP_TR30_D6	342.03	364.78	367.80	368.12	369.51	0.010156	5.89	1.54	1.77	62.69	28.76	1.13
Solano valle	37.700*	Max WS	APP_TR30_D1	344.14	364.55	367.62	367.98	369.38	0.010377	5.96	1.60	1.71	61.93	28.67	1.14
Solano valle	37.700*	Max WS	APP_TR30_D2	449.10	364.55	368.06	368.52	370.17	0.010325	6.57	1.90	2.13	75.23	30.80	1.17
Solano valle	37.700*	Max WS	APP_TR30_D3	464.62	364.55	368.12	368.59	370.28	0.010323	6.66	1.94	2.19	77.13	31.09	1.17
Solano valle	37.700*	Max WS	APP_TR30_D4	437.46	364.55	368.02	368.48	370.09	0.010331	6.51	1.87	2.09	73.79	30.58	1.17
Solano valle	37.700*	Max WS	APP_TR30_D6	342.38	364.55	367.61	367.97	369.37	0.010393	5.95	1.60	1.70	61.66	28.63	1.15
Solano valle	37.600*	Max WS	APP_TR30_D1	344.57	364.33	367.42	367.81	369.24	0.010692	6.04	1.67	1.63	60.71	28.40	1.16
Solano valle	37.600*	Max WS	APP_TR30_D2	449.62	364.33	367.87	368.39	370.04	0.010608	6.66	1.99	2.10	73.99	30.80	1.18
Solano valle	37.600*	Max WS	APP_TR30_D3	465.15	364.33	367.93	368.44	370.15	0.010605	6.74	2.03	2.16	75.88	31.12	1.19
Solano valle	37.600*	Max WS	APP_TR30_D4	437.93	364.33	367.82	368.32	369.95	0.010613	6.59	1.96	2.05	72.55	30.54	1.18
Solano valle	37.600*	Max WS	APP_TR30_D6	342.74	364.33	367.41	367.80	369.22	0.010712	6.04	1.66	1.62	60.43	28.35	1.16

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Solano valle	37.500*	Max WS	APP_TR30_D1	345.00	364.10	367.22	367.65	369.10	0.010369	6.13	1.65	1.47	59.47	27.80	1.18
Solano valle	37.500*	Max WS	APP_TR30_D2	450.14	364.10	367.67	368.23	369.92	0.010297	6.76	1.98	1.94	72.67	30.68	1.20
Solano valle	37.500*	Max WS	APP_TR30_D3	465.67	364.10	367.73	368.27	370.03	0.010295	6.84	2.02	2.00	74.56	31.05	1.21
Solano valle	37.500*	Max WS	APP_TR30_D4	438.40	364.10	367.62	368.19	369.83	0.010307	6.69	1.94	1.89	71.22	30.39	1.20
Solano valle	37.500*	Max WS	APP_TR30_D6	343.09	364.10	367.21	367.64	369.09	0.010387	6.12	1.64	1.46	59.19	27.71	1.18
Solano valle	37.400*	Max WS	APP_TR30_D1	345.43	363.87	367.02	367.49	368.96	0.010660	6.21	1.67	1.38	58.29	26.81	1.19
Solano valle	37.400*	Max WS	APP_TR30_D2	450.67	363.87	367.47	368.00	369.79	0.010617	6.85	2.02	1.83	71.25	30.41	1.22
Solano valle	37.400*	Max WS	APP_TR30_D3	466.19	363.87	367.53	368.06	369.91	0.010616	6.93	2.07	1.90	73.12	30.83	1.22
Solano valle	37.400*	Max WS	APP_TR30_D4	438.86	363.87	367.42	367.95	369.71	0.010627	6.78	1.99	1.78	69.81	30.08	1.21
Solano valle	37.400*	Max WS	APP_TR30_D6	343.45	363.87	367.01	367.48	368.94	0.010681	6.20	1.67	1.37	58.00	26.71	1.19
Solano valle	37.300*	Max WS	APP_TR30_D1	345.85	363.65	366.81	367.32	368.81	0.011030	6.29	1.70	1.32	57.04	25.50	1.21
Solano valle	37.300*	Max WS	APP_TR30_D2	451.20	363.65	367.27	367.86	369.68	0.011031	6.96	2.07	1.71	69.58	29.87	1.24
Solano valle	37.300*	Max WS	APP_TR30_D3	466.71	363.65	367.33	367.95	369.79	0.011027	7.05	2.12	1.78	71.42	30.36	1.24
Solano valle	37.300*	Max WS	APP_TR30_D4	439.33	363.65	367.22	367.80	369.59	0.011040	6.89	2.04	1.66	68.15	29.49	1.23
Solano valle	37.300*	Max WS	APP_TR30_D6	343.80	363.65	366.80	367.31	368.80	0.011051	6.28	1.69	1.31	56.76	25.39	1.21
Solano valle	37.200*	Max WS	APP_TR30_D1	346.28	363.42	366.61	367.14	368.66	0.010690	6.37	1.67	1.33	55.98	23.86	1.22
Solano valle	37.200*	Max WS	APP_TR30_D2	451.73	363.42	367.06	367.70	369.56	0.010765	7.07	2.06	1.55	67.89	28.92	1.26
Solano valle	37.200*	Max WS	APP_TR30_D3	467.24	363.42	367.12	367.78	369.68	0.010772	7.16	2.11	1.60	69.67	29.58	1.26
Solano valle	37.200*	Max WS	APP_TR30_D4	439.79	363.42	367.01	367.66	369.47	0.010770	7.00	2.02	1.51	66.49	28.37	1.25
Solano valle	37.200*	Max WS	APP_TR30_D6	344.16	363.42	366.60	367.12	368.64	0.010706	6.36	1.66	1.34	55.71	23.73	1.22
Solano valle	37.100*	Max WS	APP_TR30_D1	346.71	363.20	366.40	366.94	368.50	0.010994	6.44	1.74	1.70	55.19	22.38	1.23
Solano valle	37.100*	Max WS	APP_TR30_D2	452.25	363.20	366.85	367.64	369.44	0.011164	7.17	2.17	1.52	66.26	27.39	1.28
Solano valle	37.100*	Max WS	APP_TR30_D3	467.75	363.20	366.91	367.67	369.56	0.011182	7.27	2.22	1.56	67.94	28.14	1.28
Solano valle	37.100*	Max WS	APP_TR30_D4	440.26	363.20	366.81	367.58	369.34	0.011162	7.10	2.12	1.49	64.94	26.79	1.27
Solano valle	37.100*	Max WS	APP_TR30_D6	344.51	363.20	366.39	366.93	368.48	0.011007	6.43	1.73	1.69	54.93	22.35	1.23
Solano valle	37 SOL-25	Max WS	APP_TR30_D1	347.14	362.97	366.20	366.74	368.35	0.010592	6.51	1.75	1.68	54.52	22.01	1.25
Solano valle	37 SOL-25	Max WS	APP_TR30_D2	452.77	362.97	366.65	367.50	369.31	0.010832	7.27	2.21	1.53	64.84	25.48	1.29
Solano valle	37 SOL-25	Max WS	APP_TR30_D3	468.27	362.97	366.71	367.60	369.44	0.010865	7.37	2.27	1.53	66.39	26.30	1.30
Solano valle	37 SOL-25	Max WS	APP_TR30_D4	440.73	362.97	366.60	367.43	369.20	0.010814	7.19	2.16	1.55	63.62	24.81	1.29
Solano valle	37 SOL-25	Max WS	APP_TR30_D6	344.86	362.97	366.19	366.72	368.33	0.010604	6.50	1.74	1.66	54.27	21.98	1.25
Solano valle	36.933*	Max WS	APP_TR30_D1	347.56	362.79	366.00	366.54	368.13	0.010559	6.49	1.77	1.69	54.83	22.30	1.25
Solano valle	36.933*	Max WS	APP_TR30_D2	453.30	362.79	366.44	367.22	369.08	0.010793	7.24	2.22	1.51	65.39	26.49	1.29
Solano valle	36.933*	Max WS	APP_TR30_D3	468.79	362.79	366.50	367.32	369.21	0.010823	7.34	2.28	1.54	66.99	27.26	1.30
Solano valle	36.933*	Max WS	APP_TR30_D4	441.19	362.79	366.39	367.15	368.98	0.010780	7.17	2.18	1.50	64.13	25.87	1.29
Solano valle	36.933*	Max WS	APP_TR30_D6	345.22	362.79	365.99	366.52	368.11	0.010572	6.47	1.76	1.68	54.56	22.27	1.25
Solano valle	36.867*	Max WS	APP_TR30_D1	347.99	362.62	365.80	366.35	367.91	0.010524	6.46	1.79	1.70	55.14	22.59	1.25
Solano valle	36.867*	Max WS	APP_TR30_D2	453.83	362.62	366.24	367.00	368.85	0.010748	7.21	2.24	1.53	65.98	27.36	1.29
Solano valle	36.867*	Max WS	APP_TR30_D3	469.32	362.62	366.30	367.33	368.97	0.010777	7.31	2.30	1.58	67.60	28.07	1.30
Solano valle	36.867*	Max WS	APP_TR30_D4	441.67	362.62	366.19	366.97	368.75	0.010736	7.13	2.19	1.50	64.69	26.79	1.29
Solano valle	36.867*	Max WS	APP_TR30_D6	345.58	362.62	365.79	366.33	367.89	0.010534	6.45	1.78	1.69	54.87	22.56	1.25
Solano valle	36.800*	Max WS	APP_TR30_D1	348.42	362.44	365.60	366.16	367.70	0.010492	6.44	1.81	1.55	55.47	23.23	1.25
Solano valle	36.800*	Max WS	APP_TR30_D2	454.35	362.44	366.04	366.82	368.62	0.010692	7.17	2.25	1.59	66.62	28.12	1.29
Solano valle	36.800*	Max WS	APP_TR30_D3	469.84	362.44	366.09	366.89	368.74	0.010724	7.27	2.31	1.64	68.25	28.77	1.30
Solano valle	36.800*	Max WS	APP_TR30_D4	442.13	362.44	365.99	366.77	368.52	0.010682	7.10	2.21	1.54	65.29	27.58	1.29
Solano valle	36.800*	Max WS	APP_TR30_D6	345.93	362.44	365.59	366.14	367.68	0.010500	6.42	1.79	1.58	55.19	23.09	1.25
Solano valle	36.733*	Max WS	APP_TR30_D1	348.85	362.27	365.40	365.95	367.48	0.010455	6.41	1.83	1.37	55.87	24.22	1.25
Solano valle	36.733*	Max WS	APP_TR30_D2	454.88	362.27	365.83	366.60	368.38	0.010630	7.14	2.27	1.65	67.27	28.74	1.29
Solano valle	36.733*	Max WS	APP_TR30_D3	470.36	362.27	365.89	366.71	368.50	0.010660	7.23	2.32	1.71	68.92	29.34	1.29
Solano valle	36.733*	Max WS	APP_TR30_D4	442.60	362.27	365.79	366.53	368.29	0.010621	7.06	2.22	1.60	65.92	28.24	1.28
Solano valle	36.733*	Max WS	APP_TR30_D6	346.29	362.27	365.39	365.94	367.46	0.010462	6.40	1.81	1.38	55.58	24.09	1.24
Solano valle	36.667*	Max WS	APP_TR30_D1	349.28	362.09	365.21	365.75	367.27	0.010394	6.38	1.84	1.33	56.35	25.09	1.24
Solano valle	36.667*	Max WS	APP_TR30_D2	455.40	362.09	365.63	366.36	368.15	0.010555	7.10	2.28	1.72	67.94	29.25	1.28
Solano valle	36.667*	Max WS	APP_TR30_D3	470.88	362.09	365.69	366.42	368.27	0.010581	7.19	2.33	1.79	69.62	29.80	1.29
Solano valle	36.667*	Max WS	APP_TR30_D4	443.07	362.09	365.59	366.29	368.05	0.010549	7.02	2.23	1.67	66.57	28.79	1.28
Solano valle	36.667*	Max WS	APP_TR30_D6	346.65	362.09	365.19	365.73	367.24	0.010404	6.37	1.83	1.33	56.04	24.96	1.24
Solano valle	36.600*	Max WS	APP_TR30_D1	349.70	361.91	365.01	365.54	367.05	0.010315	6.35	1.86	1.36	56.89	25.82	1.24
Solano valle	36.600*	Max WS	APP_TR30_D2	455.93	361.91	365.43	366.12	367.91	0.010469	7.05	2.29	1.80	68.63	29.65	1.28
Solano valle	36.600*	Max WS	APP_TR30_D3	471.41	361.91	365.49	366.21	368.03	0.010492	7.15	2.35	1.86	70.31	30.16	1.28
Solano valle	36.600*	Max WS	APP_TR30_D4	443.54	361.91	365.39	366.05	367.82	0.010462	6.98	2.25	1.75	67.24	29.23	1.28
Solano valle	36.600*	Max WS	APP_TR30_D6	347.00	361.91	365.00	365.53	367.02	0.010326	6.33	1.85	1.35	56.56	25.71	1.24
Solano valle	36.533*	Max WS	APP_TR30_D1	350.13	361.74	364.82	365.34	366.82	0.010221	6.31	1.88	1.42	57.48	26.44	1.23
Solano valle	36.533*	Max WS	APP_TR30_D2	456.44	361.74	365.24	365.90	367.68	0.010368	7.01	2.30	1.88	69.32	29.94	1.27
Solano valle	36.533*	Max WS	APP_TR30_D3	471.92	361.74	365.29	366.03	367.80	0.010389	7.10	2.36	1.95	71.01	30.41	1.28
Solano valle	36.533*	Max WS	APP_TR30_D4	444.01	361.74	365.19	365.84	367.59	0.010360	6.93	2.26	1.83	67.93	29.55	1.27
Solano valle	36.533*	Max WS	APP_TR30_D6	347.36	361.74	364.80	365.32	366.80	0.010229	6.29	1.87	1.41	57.14	26.33	1.23
Solano valle	36.467*	Max WS	APP_TR30_D1	350.56	361.56	364.63	365.13	366.60	0.010100	6.27	1.90	1.49	58.11	26.93	1.23
Solano valle	36.467*	Max WS	APP_TR30_D2	456.97	361.56	365.04	365.73	367.45	0.010250	6.96	2.32	1.96	70.01	30.13	1.27
Solano valle	36.467*	Max WS	APP_TR30_D3	472.46	361.56	365.10	365.90	367.56	0.010267	7.05	2.37	2.03	71.71	30.56	1.27
Solano valle	36.467*	Max WS	APP_TR30_D4	444.47	361.56	365.00	365.61	367.35	0.010243	6.88	2.27	1.91	68.61	29.77	1.26
Solano valle	36.467*	Max WS	APP_TR30_D6	347.71	361.56	364.61	365.11	366.58	0.010109	6.25	1.89	1.48	57.76	26.83	1.23
Solano valle	36.400*	Max WS	APP_TR30_D1	350.98	361.39	364.44	364.92	366.38	0.009953	6.22	1.92	1.58	58.79	27.32	1.22
Solano valle	36.400*	Max WS	APP_TR30_D2	457.49	361.39	364.85	365.52	367.21	0.010115	6.90	2.33	2.04	70.70	30.21	1.26
Solano valle	36.400*	Max WS	APP_TR30_D3	472.96	361.39	364.91	365.66	367.33	0.010136	6.99	2.38	2.11	72.38	30.60	1.27
Solano valle	36.400*	Max WS	APP_TR30_D4	444.94	361.39	364.80	365.43	367.12	0.010108	6.83	2.28	1.99	69.29	29.89	1.26
Solano valle	36.400*	Max WS	APP_TR30_D6	348.07	361.39	364.42	364.90	366.35	0.009964	6.20	1.90	1.56	58.42	27.22	1.22
Solano valle	36.333*	Max WS	APP_TR30_D1	351.41	361.21	364.25	364.72	366.15	0.009779	6.16	1.93	1.66	59.50	27.59	1.21
Solano valle	36.333*	Max WS	APP_TR30_D2	458.00	361.21	364.66	365.36	366.98	0.009959	6.85	2.34	2.12	71.38	30.20	1.25
Solano valle	36.333*	Max WS	APP_TR30_D3	473.46	361.21	364.71	365.43	367.09	0.009985	6.94	2.39	2.18	73.05	30.55	1.26
Solano valle	36.333*	Max WS	APP_TR30_D4	445.39	361.21	364.61	365.29	366.89	0.009947	6.77	2.30	2.07	69.99	29.91	1.25
Solano valle	36.333*	Max WS	APP_TR30_D6	348.42	361.21	364.24	364.70	366.13	0.009786	6.14	1.92	1.65	59.13	27.50	1.21
Solano valle	36.267*	Max WS	APP_TR30_D1	351.83	361.03	364.07	364.49	365.93	0.009571	6.10	1.94	1.75	60.25	27.76	1.20
Solano valle	36.267*	Max WS	APP_TR30_D2	458.49	361.03	364.47	365.13	366.75	0.009788	6.79	2.35	2.19	72.04	30.09	1.24
Solano valle	36.267*	Max WS	APP_TR30_D3	473.95	361.03	364.53	365.20	366.86	0.009824	6.88	2.40	2.25	73.67	30.40	1.25
Solano valle	36.267*	Max WS	APP_TR30_D4	445.84	361.03	364.43	365.07	366.66	0.009771	6.71	2.31	2.15	70.66	29.83	1.24
Solano valle	36.267*	Max WS	APP_TR30_D6	348.78	361.03	364.05	364.48	365.90	0.009578	6.08	1.93	1.73	59.87	27.68	1.20
Solano valle	36.200*	Max WS	APP_TR30_D1	352.25	360.86	363.89	364.33	365.71	0.009345	6.04	1.96	1.45	61.31	30.14	1.19
Solano valle	36.200*	Max WS	APP_TR30_D2	458.56	360.86	364.29	364.85	366.48	0.009455	6.68	2.34	2.07	74.31	32.84	1.22
Solano valle	36.200*	Max WS	APP_TR30_D3	473.78	360.86	364.34	364.92	366.59	0.009471	6.76	2.39	2.17	76.05	32.95	1.23
Solano valle	36.200*	Max WS	APP_TR30_D4	446.02	360.86	364.24	364.79	366.40	0.009461	6.61	2.30	1.99	72.80	32.76	1.22
Solano valle	36.200*	Max WS	APP_TR30_D6	349.13	360.86	363.87	364.32	365.69	0.009353	6.02	1.95	1.45	60.89	29.92	1.19
Solano valle	36.133*	Max WS	APP_TR30_D1	352.59	360.68	363.72	364.07	365.41	0.008735	5.86	1.94	2.00	64.40	31.05	1.15
Solano valle	36.133*	Max WS	APP_TR30_D2	458.21	360.68	364.12	364.57	366.15	0.008825	6.47	2.30	2.64	77.04	31.80	1.18
Solano valle	36.133*	Max WS	APP_TR30_D3	473.41	360.68	364.17	364.63	366.25	0.008849	6.55	2.35	2.71	78.73	31.91	1.19
Solano valle	36.133*	Max WS	APP_TR30_D4	445.68	360.68	364.07	364.51	366.07	0.008823	6.40	2.27	2.57	75.58	31.70	1.18
Solano valle	36.133*	Max WS	APP_TR30_D6	349.40	360.68	363.70	364.05	365.39	0.008741	5.84	1.93	1.98	63.97	31.02	1.15

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Solano valle	36.067*	Max WS	APP_TR30_D1	353.02	360.51	363.55	363.89	365.26	0.008616	5.85	1.98	1.59	63.47	29.79	1.14
Solano valle	36.067*	Max WS	APP_TR30_D2	458.49	360.51	363.95	364.41	366.03	0.008828	6.50	2.35	2.26	75.61	30.80	1.18
Solano valle	36.067*	Max WS	APP_TR30_D3	473.66	360.51	364.00	364.48	366.13	0.008865	6.58	2.40	2.34	77.23	30.90	1.19
Solano valle	36.067*	Max WS	APP_TR30_D4	445.96	360.51	363.90	364.35	365.94	0.008818	6.43	2.31	2.19	74.20	30.72	1.18
Solano valle	36.067*	Max WS	APP_TR30_D6	349.76	360.51	363.54	363.88	365.23	0.008616	5.83	1.96	1.58	63.05	29.67	1.14
Solano valle	36.06			Lat Struct											
Solano valle	36.05			Lat Struct											
Solano valle	36 SOL-24	Max WS	APP_TR30_D1	353.50	360.33	363.39	363.66	365.05	0.008243	5.76	1.99	1.90	63.98	27.43	1.12
Solano valle	36 SOL-24	Max WS	APP_TR30_D2	459.57	360.33	363.78	364.21	365.86	0.008674	6.46	2.38	2.27	75.02	28.77	1.17
Solano valle	36 SOL-24	Max WS	APP_TR30_D3	474.86	360.33	363.84	364.29	365.97	0.008737	6.56	2.43	2.32	76.52	28.94	1.18
Solano valle	36 SOL-24	Max WS	APP_TR30_D4	446.93	360.33	363.74	364.15	365.77	0.008640	6.39	2.34	2.23	73.72	28.61	1.17
Solano valle	36 SOL-24	Max WS	APP_TR30_D6	350.16	360.33	363.38	363.64	365.02	0.008235	5.73	1.97	1.88	63.60	27.38	1.12
Solano valle	35.750*	Max WS	APP_TR30_D1	353.86	360.21	363.24	363.56	364.92	0.008662	5.82	2.23	1.88	64.01	28.90	1.14
Solano valle	35.750*	Max WS	APP_TR30_D2	458.71	360.21	363.62	364.05	365.69	0.008997	6.49	2.65	2.35	75.42	30.06	1.19
Solano valle	35.750*	Max WS	APP_TR30_D3	474.39	360.21	363.67	364.09	365.80	0.009072	6.59	2.71	2.42	76.94	30.17	1.20
Solano valle	35.750*	Max WS	APP_TR30_D4	446.71	360.21	363.58	364.01	365.61	0.008995	6.43	2.61	2.30	74.07	29.96	1.19
Solano valle	35.750*	Max WS	APP_TR30_D6	350.47	360.21	363.22	363.54	364.89	0.008660	5.80	2.22	1.87	63.60	28.85	1.14
Solano valle	35.500*	Max WS	APP_TR30_D1	354.28	360.08	363.07	363.42	364.78	0.009172	5.89	2.41	2.10	64.00	29.52	1.17
Solano valle	35.500*	Max WS	APP_TR30_D2	462.02	360.08	363.45	363.94	365.57	0.009614	6.60	2.88	2.50	75.33	30.33	1.22
Solano valle	35.500*	Max WS	APP_TR30_D3	478.25	360.08	363.50	364.01	365.69	0.009726	6.71	2.95	2.55	76.81	30.43	1.23
Solano valle	35.500*	Max WS	APP_TR30_D4	449.39	360.08	363.41	363.88	365.48	0.009599	6.53	2.83	2.46	73.98	30.23	1.22
Solano valle	35.500*	Max WS	APP_TR30_D6	350.81	360.08	363.06	363.41	364.75	0.009169	5.87	2.39	2.08	63.58	29.49	1.17
Solano valle	35.250*	Max WS	APP_TR30_D1	354.83	359.96	362.89	363.31	364.70	0.010100	6.05	2.59	1.28	62.10	29.19	1.22
Solano valle	35.250*	Max WS	APP_TR30_D2	465.74	359.96	363.26	363.84	365.53	0.010724	6.83	3.13	1.61	73.12	30.40	1.28
Solano valle	35.250*	Max WS	APP_TR30_D3	480.73	359.96	363.31	363.91	365.64	0.010788	6.92	3.19	1.66	74.55	30.50	1.29
Solano valle	35.250*	Max WS	APP_TR30_D4	451.26	359.96	363.22	363.77	365.43	0.010630	6.73	3.06	1.55	71.79	30.30	1.27
Solano valle	35.250*	Max WS	APP_TR30_D6	351.27	359.96	362.88	363.29	364.67	0.010095	6.03	2.57	1.27	61.69	29.15	1.21
Solano valle	35 SOL-23	Max WS	APP_TR30_D1	355.18	359.84	362.70	363.16	364.58	0.011207	6.21	2.75	0.63	60.94	29.65	1.27
Solano valle	35 SOL-23	Max WS	APP_TR30_D2	464.58	359.84	363.06	363.68	365.40	0.011776	6.97	3.31	0.83	71.70	30.53	1.33
Solano valle	35 SOL-23	Max WS	APP_TR30_D3	479.13	359.84	363.10	363.74	365.50	0.011815	7.05	3.38	0.85	73.11	30.65	1.33
Solano valle	35 SOL-23	Max WS	APP_TR30_D4	450.55	359.84	363.01	363.61	365.30	0.011690	6.87	3.25	0.81	70.42	30.43	1.32
Solano valle	35 SOL-23	Max WS	APP_TR30_D6	351.56	359.84	362.68	363.14	364.55	0.011207	6.18	2.73	0.62	60.53	29.61	1.27
Solano valle	34.750*	Max WS	APP_TR30_D1	354.97	359.66	362.52	362.71	363.59	0.007183	4.82	2.16	0.94	85.53	55.33	1.01
Solano valle	34.750*	Max WS	APP_TR30_D2	463.27	359.66	362.88	363.05	364.07	0.006862	5.18	2.62	1.57	105.38	55.96	1.01
Solano valle	34.750*	Max WS	APP_TR30_D3	478.09	359.66	362.92	363.10	364.13	0.006821	5.22	2.68	1.64	107.96	55.96	1.01
Solano valle	34.750*	Max WS	APP_TR30_D4	449.37	359.66	362.83	363.00	364.01	0.006875	5.13	2.57	1.50	103.08	55.96	1.01
Solano valle	34.750*	Max WS	APP_TR30_D6	351.31	359.66	362.51	362.70	363.57	0.007214	4.81	2.14	0.93	84.74	55.18	1.01
Solano valle	34.500*	Max WS	APP_TR30_D1	356.12	359.49	362.38	362.43	363.48	0.007244	4.68	2.07	0.57	78.68	41.84	1.00
Solano valle	34.500*	Max WS	APP_TR30_D2	465.07	359.49	362.74	362.87	364.07	0.007313	5.20	2.43	1.07	94.71	47.95	1.03
Solano valle	34.500*	Max WS	APP_TR30_D3	480.62	359.49	362.78	362.93	364.15	0.007328	5.26	2.47	1.13	96.95	48.74	1.04
Solano valle	34.500*	Max WS	APP_TR30_D4	451.66	359.49	362.70	362.84	364.00	0.007305	5.14	2.39	1.02	92.75	47.24	1.03
Solano valle	34.500*	Max WS	APP_TR30_D6	352.32	359.49	362.37	362.41	363.45	0.007259	4.67	2.06	0.54	78.06	41.59	1.00
Solano valle	34.250*	Max WS	APP_TR30_D1	356.53	359.31	362.25	362.16	363.16	0.006419	4.26	1.82		85.44	42.98	0.94
Solano valle	34.250*	Max WS	APP_TR30_D2	465.19	359.31	362.61	362.67	363.71	0.006385	4.71	1.96	0.73	104.06	61.17	0.96
Solano valle	34.250*	Max WS	APP_TR30_D3	480.62	359.31	362.65	362.74	363.78	0.006369	4.76	1.99	0.85	106.91	61.38	0.96
Solano valle	34.250*	Max WS	APP_TR30_D4	451.74	359.31	362.56	362.61	363.65	0.006397	4.66	1.94	0.63	101.54	60.68	0.96
Solano valle	34.250*	Max WS	APP_TR30_D6	352.68	359.31	362.23	362.15	363.14	0.006432	4.24	1.81		84.78	42.90	0.94
Solano valle	34 SOL-22	Max WS	APP_TR30_D1	356.95	359.13	362.13		362.92	0.005762	3.94	1.54		91.36	45.72	0.88
Solano valle	34 SOL-22	Max WS	APP_TR30_D2	465.44	359.13	362.49	362.34	363.45	0.005829	4.36	1.78	0.27	108.04	50.34	0.91
Solano valle	34 SOL-22	Max WS	APP_TR30_D3	480.77	359.13	362.53	362.40	363.52	0.005822	4.42	1.81	0.36	110.43	52.19	0.91
Solano valle	34 SOL-22	Max WS	APP_TR30_D4	451.95	359.13	362.45		363.39	0.005833	4.31	1.75	0.18	105.99	48.70	0.90
Solano valle	34 SOL-22	Max WS	APP_TR30_D6	353.04	359.13	362.12		362.90	0.005771	3.93	1.53		90.66	45.66	0.88
Solano valle	33.833*	Max WS	APP_TR30_D1	357.39	358.98	362.00	362.04	363.00	0.008021	4.44	1.53		81.17	43.94	1.02
Solano valle	33.833*	Max WS	APP_TR30_D2	465.82	358.98	362.35	362.42	363.55	0.007874	4.85	1.88		97.20	45.74	1.04
Solano valle	33.833*	Max WS	APP_TR30_D3	481.14	358.98	362.40	362.49	363.62	0.007830	4.91	1.91	0.20	99.38	47.50	1.04
Solano valle	33.833*	Max WS	APP_TR30_D4	452.29	358.98	362.31	362.37	363.48	0.007878	4.80	1.84		95.30	45.53	1.04
Solano valle	33.833*	Max WS	APP_TR30_D6	353.40	358.98	361.98	362.02	362.98	0.008048	4.43	1.51		80.49	43.87	1.03
Solano valle	33.667*	Max WS	APP_TR30_D1	357.83	358.82	361.81	362.05	363.10	0.011276	5.03	1.00		71.42	41.31	1.20
Solano valle	33.667*	Max WS	APP_TR30_D2	466.24	358.82	362.17	362.48	363.66	0.010574	5.41	1.63		86.99	43.55	1.19
Solano valle	33.667*	Max WS	APP_TR30_D3	481.58	358.82	362.22	362.55	363.74	0.010514	5.47	1.69		89.07	43.84	1.19
Solano valle	33.667*	Max WS	APP_TR30_D4	452.68	358.82	362.13	362.42	363.59	0.010626	5.37	1.57		85.15	43.29	1.19
Solano valle	33.667*	Max WS	APP_TR30_D6	353.78	358.82	361.79	362.03	363.07	0.011340	5.02	0.97		70.75	41.22	1.20
Solano valle	33.500*	Max WS	APP_TR30_D1	358.26	358.67	361.54	362.00	363.22	0.015844	5.73			62.51	36.67	1.40
Solano valle	33.500*	Max WS	APP_TR30_D2	466.69	358.67	361.93	362.45	363.80	0.014138	6.05	0.61		77.23	39.97	1.36
Solano valle	33.500*	Max WS	APP_TR30_D3	482.05	358.67	361.98	362.53	363.88	0.013979	6.10	0.80		79.24	40.36	1.36
Solano valle	33.500*	Max WS	APP_TR30_D4	453.13	358.67	361.89	362.38	363.73	0.014280	6.01	0.39		75.46	39.61	1.36
Solano valle	33.500*	Max WS	APP_TR30_D6	354.14	358.67	361.52	361.98	363.20	0.016002	5.73			61.84	36.60	1.41
Solano valle	33.333*	Max WS	APP_TR30_D1	358.70	358.41	361.20	361.85	363.33	0.020643	6.46			55.51	32.67	1.58
Solano valle	33.333*	Max WS	APP_TR30_D2	467.22	358.41	361.62	362.30	363.92	0.018055	6.73			69.47	34.83	1.52
Solano valle	33.333*	Max WS	APP_TR30_D3	482.54	358.41	361.67	362.37	364.00	0.017788	6.76			71.37	35.12	1.51
Solano valle	33.333*	Max WS	APP_TR30_D4	453.58	358.41	361.57	362.24	363.85	0.018287	6.69			67.78	34.58	1.53
Solano valle	33.333*	Max WS	APP_TR30_D6	354.50	358.41	361.18	361.83	363.31	0.020594	6.46			54.89	32.26	1.58
Solano valle	33.167*	Max WS	APP_TR30_D1	359.14	357.98	360.87	361.57	363.00	0.014794	6.46			55.59	24.28	1.36
Solano valle	33.167*	Max WS	APP_TR30_D2	467.75	357.98	361.27	362.07	363.84	0.016890	7.09			65.95	27.91	1.47
Solano valle	33.167*	Max WS	APP_TR30_D3	483.03	357.98	361.33	362.13	363.94	0.017329	7.16			67.46	28.78	1.49
Solano valle	33.167*	Max WS	APP_TR30_D4	454.05	357.98	361.23	362.01	363.74	0.016613	7.03			64.62	27.35	1.46
Solano valle	33.167*	Max WS	APP_TR30_D6	354.87	357.98	360.85	361.54	362.96	0.014780	6.43			55.17	24.25	1.36
Solano valle	33 SOL-21	Max WS	APP_TR30_D1	359.58	357.55	360.61	360.97	362.44	0.011893	5.99			60.05	24.52	1.22
Solano valle	33 SOL-21	Max WS	APP_TR30_D2	468.14	357.55	360.98	361.63	363.31	0.013172	6.76			69.22	25.09	1.30
Solano valle	33 SOL-21	Max WS	APP_TR30_D3	483.56	357.55	361.03	361.72	363.43	0.013351	6.87			70.42	25.16	1.31
Solano valle	33 SOL-21	Max WS	APP_TR30_D4	454.50	357.55	360.93	361.55	363.20	0.013019	6.67			68.12	25.02	1.29
Solano valle	33 SOL-21	Max WS	APP_TR30_D6	355.23	357.55	360.59	360.94	362.40	0.011845	5.96			59.65	24.50	1.22
Solano valle	32.500*	Max WS	APP_TR30_D1	360.00	357.41	360.36	360.85	362.20	0.013772	6.01			59.95	29.16	1.34
Solano valle	32.500*	Max WS	APP_TR30_D2	468.66	357.41	360.70	361.35	362.97	0.015055	6.66			70.39	31.42	1.42
Solano valle	32.500*	Max WS	APP_TR30_D3	484.08	357.41	360.75	361.41	363.07	0.015220	6.74			71.79	31.71	1.43
Solano valle	32.500*	Max WS	APP_TR30_D4	454.96	357.41	360.66	361.30	362.87	0.014915	6.58			69.11	31.15	1.41
Solano valle	32.500*	Max WS	APP_TR30_D6	355.58	357.41	360.34	360.82	362.17	0.013722	5.98			59.48	29.05	1.33
Solano valle	32 SOL-20	Max WS	APP_TR30_D1	360.41	357.27	360.14	360.36	361.33	0.008530	4.94	2.13		78.08	45.88	1.10
Solano valle	32 SOL-20	Max WS	APP_TR30_D2	469.07	357.27	360.47	360.77	361.88	0.008770	5.41	2.55		93.76	48.99	1.14
Solano valle	32 SOL-20	Max WS	APP_TR30_D3	484.57	357.27	360.52	360.82	361.96	0.008822	5.48	2.61		95.81	49.39	1.14
Solano valle	32 SOL-20	Max WS	APP_TR30_D4	455.33	357.27	360.44	360.72	361.82	0.008747	5.36	2.51		91.82	48.62	1.13
Solano valle	32 SOL-20	Max WS	APP_TR30_D6	355.92	357.27	360.13	360.34	361.31	0.008529	4.92	2.11		77.37	45.73	1.10
Solano valle	31.833*	Max WS	APP_TR30_D1	360.73	357.05	359.98	360.25	361.21	0.009927	4.99	2.17		76.45	48.17	1.17
Solano valle	31.833*	Max WS	APP_TR30_D2	469.13	357.05	360.31	360.58	361.72	0.009841	5.39	2.58		92.96	51.78	1.19

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Solano valle	31.833*	Max WS	APP_TR30_D3	484.94	357.05	360.36	360.62	361.80	0.009826	5.45	2.62		95.11	52.03	1.19
Solano valle	31.833*	Max WS	APP_TR30_D4	455.52	357.05	360.27	360.55	361.66	0.009917	5.35	2.54		90.90	51.54	1.19
Solano valle	31.833*	Max WS	APP_TR30_D6	356.18	357.05	359.97	360.23	361.19	0.009935	4.97	2.15		75.70	47.98	1.17
Solano valle	31.667*	Max WS	APP_TR30_D1	360.11	356.83	359.81	360.00	360.96	0.010040	4.74	1.09		76.43	46.91	1.15
Solano valle	31.667*	Max WS	APP_TR30_D2	467.17	356.83	360.15	360.38	361.48	0.009342	5.13	1.50		92.52	48.95	1.14
Solano valle	31.667*	Max WS	APP_TR30_D3	481.78	356.83	360.19	360.42	361.55	0.009282	5.18	1.55		94.59	49.20	1.14
Solano valle	31.667*	Max WS	APP_TR30_D4	453.84	356.83	360.11	360.34	361.42	0.009427	5.09	1.46		90.52	48.70	1.14
Solano valle	31.667*	Max WS	APP_TR30_D6	355.55	356.83	359.80	359.99	360.93	0.010099	4.73	1.07		75.67	46.81	1.16
Solano valle	31.500*	Max WS	APP_TR30_D1	360.94	356.61	359.66	359.68	360.66	0.007634	4.44	0.92		81.65	42.86	1.01
Solano valle	31.500*	Max WS	APP_TR30_D2	471.74	356.61	360.00	360.08	361.24	0.007719	4.94	1.34		96.49	44.19	1.04
Solano valle	31.500*	Max WS	APP_TR30_D3	486.71	356.61	360.04	360.13	361.31	0.007733	5.00	1.38		98.39	44.35	1.04
Solano valle	31.500*	Max WS	APP_TR30_D4	458.11	356.61	359.96	360.03	361.17	0.007731	4.88	1.29		94.64	44.02	1.03
Solano valle	31.500*	Max WS	APP_TR30_D6	356.26	356.61	359.64	359.67	360.64	0.007645	4.42	0.90		80.95	42.80	1.01
Solano valle	31.333*	Max WS	APP_TR30_D1	360.54	356.38	359.51	359.70	360.80	0.009643	5.03	1.00		71.88	38.18	1.15
Solano valle	31.333*	Max WS	APP_TR30_D2	472.08	356.38	359.85	360.14	361.44	0.009658	5.60	1.47	0.74	85.17	40.03	1.18
Solano valle	31.333*	Max WS	APP_TR30_D3	486.82	356.38	359.89	360.19	361.52	0.009652	5.67	1.52	0.81	86.88	40.26	1.19
Solano valle	31.333*	Max WS	APP_TR30_D4	458.08	356.38	359.81	360.09	361.37	0.009687	5.54	1.41	0.67	83.48	39.80	1.18
Solano valle	31.333*	Max WS	APP_TR30_D6	355.83	356.38	359.49	359.69	360.77	0.009650	5.01	0.98		71.24	38.07	1.15
Solano valle	31.167*	Max WS	APP_TR30_D1	359.36	356.16	359.36	359.45	360.54	0.007889	4.82	0.88	0.32	74.80	36.16	1.05
Solano valle	31.167*	Max WS	APP_TR30_D2	472.41	356.16	359.69	359.90	361.21	0.008368	5.47	1.33	0.81	87.16	37.53	1.11
Solano valle	31.167*	Max WS	APP_TR30_D3	487.21	356.16	359.74	359.96	361.30	0.008409	5.54	1.38	0.86	88.74	37.70	1.11
Solano valle	31.167*	Max WS	APP_TR30_D4	458.33	356.16	359.65	359.85	361.13	0.008347	5.40	1.28	0.76	85.57	37.36	1.10
Solano valle	31.167*	Max WS	APP_TR30_D6	354.61	356.16	359.34	359.42	360.51	0.007890	4.79	0.86	0.29	74.19	36.09	1.05
Solano valle	31 SOL-19	Max WS	APP_TR30_D1	356.34	355.94	359.24	359.12	360.23	0.006065	4.41	0.57		81.69	42.22	0.92
Solano valle	31 SOL-19	Max WS	APP_TR30_D2	471.14	355.94	359.56	359.64	360.86	0.006836	5.07	1.29		95.71	43.98	0.99
Solano valle	31 SOL-19	Max WS	APP_TR30_D3	485.68	355.94	359.60	359.70	360.94	0.006893	5.14	1.37		97.52	44.11	1.00
Solano valle	31 SOL-19	Max WS	APP_TR30_D4	456.37	355.94	359.52	359.59	360.78	0.006767	5.00	1.20		93.89	43.86	0.99
Solano valle	31 SOL-19	Max WS	APP_TR30_D6	351.54	355.94	359.22	359.10	360.20	0.006045	4.38	0.52		80.98	42.11	0.92
Solano valle	30.750*	Max WS	APP_TR30_D1	360.13	355.96	359.15	359.02	360.07	0.005550	4.28	0.88		86.48	45.46	0.88
Solano valle	30.750*	Max WS	APP_TR30_D2	468.34	355.96	359.46	359.48	360.64	0.006143	4.85	1.46		100.95	46.90	0.94
Solano valle	30.750*	Max WS	APP_TR30_D3	483.01	355.96	359.50	359.53	360.71	0.006207	4.92	1.53		102.84	47.08	0.95
Solano valle	30.750*	Max WS	APP_TR30_D4	454.13	355.96	359.42	359.43	360.57	0.006082	4.79	1.39		99.08	46.72	0.93
Solano valle	30.750*	Max WS	APP_TR30_D6	355.20	355.96	359.13	358.99	360.04	0.005528	4.25	0.85		85.73	45.35	0.88
Solano valle	30.500*	Max WS	APP_TR30_D1	372.28	355.98	359.06	359.00	360.00	0.005687	4.34	1.17		89.89	48.94	0.89
Solano valle	30.500*	Max WS	APP_TR30_D2	470.66	355.98	359.37	359.38	360.49	0.005938	4.77	1.62		105.25	51.21	0.93
Solano valle	30.500*	Max WS	APP_TR30_D3	485.22	355.98	359.40	359.43	360.56	0.005995	4.84	1.67		107.27	51.50	0.93
Solano valle	30.500*	Max WS	APP_TR30_D4	456.58	355.98	359.33	359.33	360.42	0.005885	4.71	1.56		103.26	50.93	0.92
Solano valle	30.500*	Max WS	APP_TR30_D6	367.41	355.98	359.04	358.97	359.98	0.005672	4.31	1.15		89.10	48.82	0.89
Solano valle	30.250*	Max WS	APP_TR30_D1	374.58	355.99	358.96	359.08	360.00	0.006783	4.60	1.53		87.74	53.20	0.98
Solano valle	30.250*	Max WS	APP_TR30_D2	473.10	355.99	359.26	359.44	360.46	0.006814	4.97	1.97		104.27	55.33	1.00
Solano valle	30.250*	Max WS	APP_TR30_D3	487.68	355.99	359.30	359.48	360.52	0.006844	5.03	2.03		106.42	55.56	1.01
Solano valle	30.250*	Max WS	APP_TR30_D4	459.03	355.99	359.23	359.38	360.40	0.006788	4.92	1.92		102.15	55.11	1.00
Solano valle	30.250*	Max WS	APP_TR30_D6	369.67	355.99	358.94	359.06	359.98	0.006776	4.58	1.50		86.88	53.06	0.98
Solano valle	30 SOL-18	Max WS	APP_TR30_D1	370.51	356.01	358.86	358.93	359.77	0.006200	4.38	1.77		94.32	58.27	0.94
Solano valle	30 SOL-18	Max WS	APP_TR30_D2	474.14	356.01	359.16	359.24	360.21	0.006253	4.75	2.23		112.11	58.59	0.96
Solano valle	30 SOL-18	Max WS	APP_TR30_D3	488.91	356.01	359.20	359.29	360.27	0.006279	4.80	2.29		114.34	58.59	0.97
Solano valle	30 SOL-18	Max WS	APP_TR30_D4	459.81	356.01	359.12	359.20	360.16	0.006234	4.69	2.17		109.87	58.59	0.96
Solano valle	30 SOL-18	Max WS	APP_TR30_D6	365.53	356.01	358.84	358.91	359.75	0.006196	4.36	1.74		93.40	58.22	0.94
Solano valle	29.800*	Max WS	APP_TR30_D1	368.04	355.98	358.74	358.89	359.90	0.007782	4.79	1.28	0.65	79.29	45.61	1.05
Solano valle	29.800*	Max WS	APP_TR30_D2	474.52	355.98	359.04	359.30	360.47	0.008101	5.34	1.64	1.11	93.66	50.03	1.10
Solano valle	29.800*	Max WS	APP_TR30_D3	489.35	355.98	359.08	359.35	360.54	0.008154	5.41	1.69	1.16	95.55	50.57	1.10
Solano valle	29.800*	Max WS	APP_TR30_D4	460.14	355.98	359.00	359.25	360.39	0.008053	5.27	1.60	1.05	91.80	49.49	1.09
Solano valle	29.800*	Max WS	APP_TR30_D6	362.98	355.98	358.73	358.87	359.87	0.007767	4.76	1.26	0.62	78.58	45.37	1.05
Solano valle	29.7			Lat Struct											
Solano valle	29.65			Lat Struct											
Solano valle	29.600*	Max WS	APP_TR30_D1	366.89	355.95	358.60	358.86	359.85	0.008831	4.97	1.12	1.21	76.26	47.65	1.12
Solano valle	29.600*	Max WS	APP_TR30_D2	474.93	355.95	358.90	359.27	360.43	0.009134	5.54	1.52	1.36	91.29	54.69	1.16
Solano valle	29.600*	Max WS	APP_TR30_D3	489.79	355.95	358.93	359.32	360.50	0.009178	5.61	1.57	1.41	93.30	55.45	1.17
Solano valle	29.600*	Max WS	APP_TR30_D4	460.47	355.95	358.86	359.23	360.35	0.009094	5.47	1.47	1.38	89.29	53.59	1.16
Solano valle	29.600*	Max WS	APP_TR30_D6	361.77	355.95	358.59	358.81	359.82	0.008820	4.94	1.09	1.19	75.52	47.32	1.11
Solano valle	29.400*	Max WS	APP_TR30_D1	366.34	355.92	358.44	358.76	359.83	0.010525	5.24	0.88	1.76	71.62	44.64	1.21
Solano valle	29.400*	Max WS	APP_TR30_D2	475.36	355.92	358.73	359.20	360.44	0.010832	5.84	1.36	2.09	85.41	50.49	1.26
Solano valle	29.400*	Max WS	APP_TR30_D3	490.23	355.92	358.77	359.25	360.52	0.010879	5.92	1.41	2.07	87.26	51.44	1.26
Solano valle	29.400*	Max WS	APP_TR30_D4	460.85	355.92	358.70	359.16	360.36	0.010787	5.76	1.30	2.08	83.61	49.69	1.25
Solano valle	29.400*	Max WS	APP_TR30_D6	361.16	355.92	358.43	358.73	359.80	0.010515	5.21	0.85	1.74	70.94	44.34	1.21
Solano valle	29.200*	Max WS	APP_TR30_D1	365.39	355.89	358.25	358.58	359.67	0.011751	5.35	1.87	2.24	72.41	48.51	1.27
Solano valle	29.200*	Max WS	APP_TR30_D2	472.47	355.89	358.54	359.00	360.21	0.011547	5.85	2.47	2.54	86.58	49.36	1.29
Solano valle	29.200*	Max WS	APP_TR30_D3	486.90	355.89	358.58	359.05	360.29	0.011545	5.92	2.54	2.58	88.34	49.46	1.29
Solano valle	29.200*	Max WS	APP_TR30_D4	458.35	355.89	358.51	358.96	360.15	0.011556	5.79	2.41	2.50	84.82	49.25	1.29
Solano valle	29.200*	Max WS	APP_TR30_D6	360.25	355.89	358.24	358.58	359.64	0.011773	5.33	1.84	2.23	71.67	48.46	1.27
Solano valle	29 SOL-17	Max WS	APP_TR30_D1	364.52	355.86	358.01	358.52	359.86	0.017319	6.09		3.07	61.59	39.77	1.52
Solano valle	29 SOL-17	Max WS	APP_TR30_D2	470.58	355.86	358.31	358.99	360.47	0.017064	6.61	0.77	3.42	74.06	46.66	1.54
Solano valle	29 SOL-17	Max WS	APP_TR30_D3	484.83	355.86	358.34	359.04	360.54	0.016936	6.67	0.95	3.45	75.78	46.77	1.54
Solano valle	29 SOL-17	Max WS	APP_TR30_D4	456.59	355.86	358.27	358.95	360.40	0.017189	6.55	0.56	3.39	72.35	46.55	1.54
Solano valle	29 SOL-17	Max WS	APP_TR30_D6	359.41	355.86	358.00	358.50	359.83	0.017326	6.07		3.06	60.97	39.63	1.51
Solano valle	28.750*	Max WS	APP_TR30_D1	365.78	355.58	357.75	358.26	359.33	0.015245	5.75	1.57	3.37	68.90	51.91	1.42
Solano valle	28.750*	Max WS	APP_TR30_D2	474.33	355.58	358.05	358.58	359.88	0.014294	6.23	2.35	2.96	85.45	57.30	1.42
Solano valle	28.750*	Max WS	APP_TR30_D3	488.84	355.58	358.09	358.62	359.93	0.014115	6.27	2.43	3.02	87.62	57.30	1.41
Solano valle	28.750*	Max WS	APP_TR30_D4	459.98	355.58	358.02	358.54	359.82	0.014498	6.19	2.28	2.89	83.25	57.30	1.42
Solano valle	28.750*	Max WS	APP_TR30_D6	360.52	355.58	357.73	358.25	359.31	0.015360	5.73	1.52	3.37	68.03	51.84	1.43
Solano valle	28.500*	Max WS	APP_TR30_D1	366.65	355.31	357.52	357.93	359.04	0.013579	5.65		3.33	69.27	43.55	1.35
Solano valle	28.500*	Max WS	APP_TR30_D2	477.10	355.31	357.83	358.45	359.62	0.013308	6.14	0.57	3.68	83.59	47.71	1.37
Solano valle	28.500*	Max WS	APP_TR30_D3	491.99	355.31	357.87	358.50	359.69	0.013244	6.20	0.66	3.71	85.46	48.38	1.37
Solano valle	28.500*	Max WS	APP_TR30_D4	462.43	355.31	357.79	358.26	359.54	0.013381	6.08	0.46	3.64	81.73	47.03	1.37
Solano valle	28.500*	Max WS	APP_TR30_D6	361.28	355.31	357.50	357.91	359.01	0.013603	5.63		3.31	68.50	43.38	1.35
Solano valle	28.250*	Max WS	APP_TR30_D1	366.98	355.03	357.33	357.62	358.57	0.010097	5.07	0.73	2.59	77.88	55.55	1.18
Solano valle	28.250*	Max WS	APP_TR30_D2	477.57	355.03	357.65	358.00	359.08	0.009602	5.49	1.51	2.85	96.38	59.36	1.18
Solano valle	28.250*	Max WS	APP_TR30_D3	492.45	355.03	357.69	358.05	359.14	0.009558	5.55	1.58	2.89	98.74	59.83	1.18
Solano valle	28.250*	Max WS	APP_TR30_D4	462.81	355.03	357.61	357.96	359.02	0.009654	5.44	1.44	2.82	94.00	58.89	1.18
Solano valle	28.250*	Max WS	APP_TR30_D6	361.54	355.03	357.31	357.60	358.54	0.010149	5.05	0.67	2.57	76.87	55.33	1.18
Solano valle	28 SOL-16	Max WS	APP_TR30_D1	367.29	354.75	357.19	357.29	358.16	0.007410	4.46	0.44	2.01	87.44	61.08	1.01
Solano valle	28 SOL-16	Max WS	APP_TR30_D2	478.00	354.75	357.51	357.66	358.65	0.007161	4.86	1.26	2.26	108.00	64.55	1.02
Solano valle	28 SOL-16	Max WS	APP_TR30_D3	492.89	354.75	357.55	357.70	358.71	0.007142	4.91	1.34	2.29	110.59	64.98	1.03
Solano valle	28 SOL-16	Max WS	APP_TR30_D4	463.22	354.75	357.47	357.62	358.59	0.007187	4.81	1.18	2.23	105.37	64.12	1.02

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Solano valle	28 SOL-16	Max WS	APP_TR30_D6	361.82	354.75	357.17	357.27	358.14	0.007442	4.44	0.36	2.00	86.29	60.88	1.02
Solano valle	27.800*	Max WS	APP_TR30_D1	367.69	354.56	357.05	357.26	358.13	0.007249	4.70	1.45	1.77	84.93	52.48	1.02
Solano valle	27.800*	Max WS	APP_TR30_D2	478.48	354.56	357.38	357.60	358.64	0.007195	5.15	1.50	2.17	105.26	63.55	1.04
Solano valle	27.800*	Max WS	APP_TR30_D3	493.39	354.56	357.42	357.65	358.71	0.007191	5.20	1.57	2.21	107.80	63.91	1.04
Solano valle	27.800*	Max WS	APP_TR30_D4	463.67	354.56	357.34	357.59	358.58	0.007215	5.10	1.43	2.13	102.61	63.17	1.04
Solano valle	27.800*	Max WS	APP_TR30_D6	362.12	354.56	357.03	357.24	358.10	0.007257	4.68	1.46	1.75	83.94	52.09	1.02
Solano valle	27.600*	Max WS	APP_TR30_D1	368.08	354.38	356.92	357.13	358.01	0.007741	4.75	1.26	1.97	84.46	52.71	1.04
Solano valle	27.600*	Max WS	APP_TR30_D2	478.99	354.38	357.25	357.49	358.52	0.007595	5.18	1.29	2.43	103.63	61.07	1.05
Solano valle	27.600*	Max WS	APP_TR30_D3	493.87	354.38	357.29	357.54	358.58	0.007579	5.23	1.36	2.48	106.12	61.34	1.06
Solano valle	27.600*	Max WS	APP_TR30_D4	464.10	354.38	357.21	357.45	358.46	0.007617	5.13	1.20	2.37	101.09	60.80	1.05
Solano valle	27.600*	Max WS	APP_TR30_D6	362.47	354.38	356.90	357.04	357.98	0.007766	4.73	1.22	1.94	83.45	52.64	1.04
Solano valle	27.400*	Max WS	APP_TR30_D1	368.48	354.19	356.77	356.92	357.86	0.007863	4.76	1.10	2.08	85.36	53.92	1.04
Solano valle	27.400*	Max WS	APP_TR30_D2	479.45	354.19	357.11	357.34	358.37	0.007670	5.18	1.14	2.53	104.19	60.15	1.05
Solano valle	27.400*	Max WS	APP_TR30_D3	494.37	354.19	357.15	357.39	358.43	0.007658	5.24	1.22	2.58	106.63	60.43	1.05
Solano valle	27.400*	Max WS	APP_TR30_D4	464.56	354.19	357.07	357.30	358.30	0.007691	5.13	1.10	2.48	101.67	59.37	1.05
Solano valle	27.400*	Max WS	APP_TR30_D6	362.79	354.19	356.75	356.91	357.83	0.007901	4.74	1.06	2.05	84.27	53.85	1.04
Solano valle	27.200*	Max WS	APP_TR30_D1	368.86	354.01	356.63	356.78	357.67	0.007680	4.68	0.82	2.18	87.60	54.67	1.02
Solano valle	27.200*	Max WS	APP_TR30_D2	479.97	354.01	356.97	357.15	358.17	0.007435	5.08	1.12	2.62	106.45	57.39	1.03
Solano valle	27.200*	Max WS	APP_TR30_D3	494.86	354.01	357.01	357.19	358.23	0.007428	5.13	1.12	2.67	108.81	58.05	1.03
Solano valle	27.200*	Max WS	APP_TR30_D4	465.00	354.01	356.93	357.11	358.10	0.007450	5.03	1.13	2.57	104.03	56.71	1.02
Solano valle	27.200*	Max WS	APP_TR30_D6	363.13	354.01	356.61	356.77	357.64	0.007724	4.67	0.76	2.15	86.47	54.61	1.02
Solano valle	27 SOL-15	Max WS	APP_TR30_D1	369.27	353.82	356.50	356.58	357.44	0.007063	4.51	0.48	2.19	92.33	56.57	0.97
Solano valle	27 SOL-15	Max WS	APP_TR30_D2	480.46	353.82	356.84	356.93	357.92	0.006821	4.88	0.97	2.60	112.01	58.22	0.98
Solano valle	27 SOL-15	Max WS	APP_TR30_D3	495.37	353.82	356.88	356.98	357.98	0.006819	4.93	0.98	2.65	114.40	58.56	0.98
Solano valle	27 SOL-15	Max WS	APP_TR30_D4	465.44	353.82	356.80	356.89	357.86	0.006833	4.83	0.97	2.55	109.54	57.86	0.97
Solano valle	27 SOL-15	Max WS	APP_TR30_D6	363.46	353.82	356.48	356.56	357.42	0.007110	4.49	0.42	2.17	91.10	56.49	0.97
Solano valle	26.800*	Max WS	APP_TR30_D1	369.64	353.66	356.38	356.50	357.34	0.007294	4.58		2.26	91.65	56.09	0.99
Solano valle	26.800*	Max WS	APP_TR30_D2	480.88	353.66	356.73	356.85	357.81	0.007054	4.92	0.72	2.67	112.23	62.14	1.00
Solano valle	26.800*	Max WS	APP_TR30_D3	495.76	353.66	356.77	356.89	357.87	0.007032	4.96	0.82	2.72	114.79	62.30	1.00
Solano valle	26.800*	Max WS	APP_TR30_D4	465.85	353.66	356.69	356.80	357.75	0.007086	4.87	0.60	2.63	109.57	61.98	1.00
Solano valle	26.800*	Max WS	APP_TR30_D6	363.77	353.66	356.36	356.47	357.32	0.007338	4.57		2.23	90.40	55.95	0.99
Solano valle	26.600*	Max WS	APP_TR30_D1	370.00	353.50	356.25	356.43	357.22	0.008584	4.92		3.09	90.85	55.53	1.07
Solano valle	26.600*	Max WS	APP_TR30_D2	481.61	353.50	356.60	356.71	357.64	0.008570	5.06	0.57	3.55	111.55	63.59	1.08
Solano valle	26.600*	Max WS	APP_TR30_D3	496.73	353.50	356.64	356.75	357.70	0.008495	5.10	0.71	3.59	114.23	63.73	1.08
Solano valle	26.600*	Max WS	APP_TR30_D4	466.33	353.50	356.56	356.66	357.58	0.008667	5.02	0.40	3.51	108.74	63.44	1.08
Solano valle	26.600*	Max WS	APP_TR30_D6	364.07	353.50	356.23	356.42	357.20	0.008596	4.92		3.06	89.58	55.20	1.07
Solano valle	26.400*	Max WS	APP_TR30_D1	370.37	353.33	356.11	356.27	357.10	0.008458	4.95		3.02	90.34	55.13	1.07
Solano valle	26.400*	Max WS	APP_TR30_D2	481.69	353.33	356.46	356.58	357.56	0.008071	5.22		3.40	110.25	57.42	1.06
Solano valle	26.400*	Max WS	APP_TR30_D3	496.49	353.33	356.51	356.62	357.62	0.008026	5.26		3.44	112.72	57.61	1.06
Solano valle	26.400*	Max WS	APP_TR30_D4	466.60	353.33	356.42	356.54	357.50	0.008117	5.18		3.36	107.64	57.13	1.06
Solano valle	26.400*	Max WS	APP_TR30_D6	364.37	353.33	356.08	356.24	357.08	0.008540	4.95		3.01	89.01	54.97	1.07
Solano valle	26.200*	Max WS	APP_TR30_D1	370.74	353.17	355.98	355.81	356.99	0.007781	4.99	0.94	2.87	90.67	54.54	1.05
Solano valle	26.200*	Max WS	APP_TR30_D2	482.10	353.17	356.34	356.46	357.48	0.007313	5.33	1.32	3.21	110.77	56.75	1.04
Solano valle	26.200*	Max WS	APP_TR30_D3	496.67	353.17	356.38	356.50	357.54	0.007273	5.37	1.38	3.25	113.25	56.94	1.04
Solano valle	26.200*	Max WS	APP_TR30_D4	467.01	353.17	356.29	355.81	357.41	0.007367	5.28	1.26	3.17	108.13	56.53	1.04
Solano valle	26.200*	Max WS	APP_TR30_D6	364.68	353.17	355.95	355.81	356.97	0.007874	4.98	0.91	2.86	89.30	54.38	1.05
Solano valle	26 SOL-14	Max WS	APP_TR30_D1	371.11	353.01	355.85	355.80	356.76	0.006527	4.60		3.17	92.09	51.85	0.96
Solano valle	26 SOL-14	Max WS	APP_TR30_D2	482.55	353.01	356.22	356.31	357.32	0.007045	5.19		3.15	111.79	55.29	1.02
Solano valle	26 SOL-14	Max WS	APP_TR30_D3	497.10	353.01	356.26	355.76	357.38	0.007023	5.23		3.19	114.24	55.53	1.02
Solano valle	26 SOL-14	Max WS	APP_TR30_D4	467.43	353.01	356.17	355.78	357.26	0.007077	5.15		3.11	109.19	55.03	1.02
Solano valle	26 SOL-14	Max WS	APP_TR30_D6	364.99	353.01	355.83	355.77	356.72	0.006553	4.58		3.17	90.79	50.67	0.96
Solano valle	25.917*	Max WS	APP_TR30_D1	371.51	352.86	355.72	355.67	356.66	0.006523	4.66	0.51	3.12	90.66	51.97	0.97
Solano valle	25.917*	Max WS	APP_TR30_D2	482.63	352.86	356.08	356.20	357.24	0.006909	5.28	1.28	3.02	110.78	56.79	1.02
Solano valle	25.917*	Max WS	APP_TR30_D3	496.97	352.86	356.13	355.62	357.30	0.006866	5.32	1.35	3.05	113.33	57.06	1.02
Solano valle	25.917*	Max WS	APP_TR30_D4	467.60	352.86	356.04	355.64	357.18	0.006959	5.24	1.20	2.98	108.07	56.51	1.02
Solano valle	25.917*	Max WS	APP_TR30_D6	365.34	352.86	355.70	355.63	356.63	0.006544	4.64	0.47	3.12	89.43	50.14	0.97
Solano valle	25.833*	Max WS	APP_TR30_D1	371.61	352.71	355.60		356.31	0.005770	3.95	1.02	2.92	102.83	59.19	0.90
Solano valle	25.833*	Max WS	APP_TR30_D2	481.67	352.71	355.97		356.79	0.005407	4.28	1.52	3.06	124.85	61.14	0.89
Solano valle	25.833*	Max WS	APP_TR30_D3	496.41	352.71	356.01		356.85	0.005375	4.33	1.57	3.08	127.63	61.38	0.90
Solano valle	25.833*	Max WS	APP_TR30_D4	466.77	352.71	355.92		356.73	0.005460	4.24	1.47	3.05	121.88	60.88	0.90
Solano valle	25.833*	Max WS	APP_TR30_D6	365.43	352.71	355.58		356.28	0.005817	3.93	0.98	2.92	101.43	59.09	0.90
Solano valle	25.750*	Max WS	APP_TR30_D1	372.37	352.56	355.48	355.45	356.47	0.006582	4.68		3.08	88.34	43.25	0.98
Solano valle	25.750*	Max WS	APP_TR30_D2	483.98	352.56	355.85	355.87	357.04	0.006829	5.16		3.42	104.62	45.55	1.02
Solano valle	25.750*	Max WS	APP_TR30_D3	499.10	352.56	355.90	355.93	357.11	0.006871	5.22		3.46	106.68	45.85	1.02
Solano valle	25.750*	Max WS	APP_TR30_D4	468.79	352.56	355.80	355.82	356.96	0.006814	5.11		3.38	102.38	45.22	1.01
Solano valle	25.750*	Max WS	APP_TR30_D6	366.05	352.56	355.46	355.42	356.43	0.006589	4.66		3.06	87.27	43.10	0.98
Solano valle	25.667*	Max WS	APP_TR30_D1	372.78	352.40	355.36	355.33	356.37	0.006494	4.71	0.53	2.95	87.83	43.44	0.98
Solano valle	25.667*	Max WS	APP_TR30_D2	484.48	352.40	355.72	355.75	356.94	0.006571	5.21	0.84	3.28	104.00	45.80	1.01
Solano valle	25.667*	Max WS	APP_TR30_D3	499.61	352.40	355.77	355.81	357.02	0.006593	5.28	0.78	3.33	106.07	46.61	1.01
Solano valle	25.667*	Max WS	APP_TR30_D4	469.25	352.40	355.67	355.69	356.87	0.006578	5.15	0.92	3.24	101.77	45.13	1.00
Solano valle	25.667*	Max WS	APP_TR30_D6	366.40	352.40	355.33	355.31	356.33	0.006513	4.69	0.49	2.93	86.76	43.31	0.98
Solano valle	25.583*	Max WS	APP_TR30_D1	373.21	352.25	355.24	355.22	356.27	0.006533	4.72	0.58	3.03	86.53	46.11	0.98
Solano valle	25.583*	Max WS	APP_TR30_D2	485.02	352.25	355.60	355.74	356.84	0.006590	5.22	1.05	3.33	104.84	54.94	1.01
Solano valle	25.583*	Max WS	APP_TR30_D3	500.13	352.25	355.64	355.79	356.91	0.006597	5.28	1.10	3.37	107.33	56.03	1.01
Solano valle	25.583*	Max WS	APP_TR30_D4	469.71	352.25	355.55	355.67	356.77	0.006607	5.16	1.00	3.30	102.17	53.75	1.01
Solano valle	25.583*	Max WS	APP_TR30_D6	366.75	352.25	355.21	355.19	356.23	0.006555	4.70	0.54	3.01	85.37	45.49	0.98
Solano valle	25.500 SOL-13	Max WS	APP_TR30_D1	373.63	352.10	355.11	355.11	356.16	0.006778	4.73		3.00	85.04	40.91	1.00
Solano valle	25.500 SOL-13	Max WS	APP_TR30_D2	485.54	352.10	355.47	355.52	356.75	0.007118	5.24		3.38	100.04	42.71	1.04
Solano valle	25.500 SOL-13	Max WS	APP_TR30_D3	500.65	352.10	355.51	355.57	356.82	0.007145	5.30	0.14	3.42	101.96	43.54	1.04
Solano valle	25.500 SOL-13	Max WS	APP_TR30_D4	470.18	352.10	355.42	355.48	356.67	0.007101	5.18		3.33	97.94	42.46	1.04
Solano valle	25.500 SOL-13	Max WS	APP_TR30_D6	367.11	352.10	355.08	355.08	356.12	0.006786	4.70		2.98	84.00	40.78	1.00
Solano valle	25.417*	Max WS	APP_TR30_D1	374.05	351.95	354.98	354.98	355.98	0.007161	4.44			84.29	41.98	1.00
Solano valle	25.417*	Max WS	APP_TR30_D2	485.96	351.95	355.33	355.44	356.46	0.007135	4.76		1.72	106.44	54.72	1.02
Solano valle	25.417*	Max WS	APP_TR30_D3	501.02	351.95	355.38	355.48	356.53	0.007138	4.80		1.79	108.85	55.00	1.02
Solano valle	25.417*	Max WS	APP_TR30_D4	470.60	351.95	355.28	355.39	356.40	0.007177	4.72		1.64	103.71	54.41	1.02
Solano valle	25.417*	Max WS	APP_TR30_D6	367.46	351.95	354.95	354.95	355.95	0.007158	4.42			83.22	41.74	1.00
Solano valle	25.333*	Max WS	APP_TR30_D1	374.47	351.80	354.84	354.91	355.87	0.007099	4.51	0.60	0.60	84.35	51.39	1.00
Solano valle	25.333*	Max WS	APP_TR30_D2	483.41	351.80	355.20	355.32	356.40	0.006737	4.88	1.06	1.38	103.75	55.94	1.00
Solano valle	25.333*	Max WS	APP_TR30_D3	497.71	351.80	355.25	355.37	356.46	0.006694	4.92	1.11	1.46	106.24	56.43	1.00
Solano valle	25.333*	Max WS	APP_TR30_D4	468.81	351.80	355.15	355.27	356.33	0.006842	4.85	1.01	1.30	100.89	55.38	1.01
Solano valle	25.333*	Max WS	APP_TR30_D6	367.82	351.80	354.82	354.87	355.84	0.007128	4.48	0.56	0.56	83.05	50.28	1.00
Solano valle	25.250*	Max WS	APP_TR30_D1	372.20	351.65	354.71	354.75	355.65	0.006710	4.36		1.71	89.85	51.36	0.97
Solano valle	25.250*	Max WS	APP_TR30_D2	475.50	351.65	355.08	355.08	356.12	0.006264	4.63		2.17	108.86	52.37	0.96
Solano valle	25.250*	Max WS	APP_TR30_D3	489.19	351.65	355.12	355.12	356.18	0.006224	4.66		2.22	111.23	52.50	0.96
Solano valle	25.250*	Max WS	APP_TR30_D4	461.55	351.65	355.02	355.04	356.06	0.006372	4.61		2.12	106.06	52.23	0.97

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Solano valle	25.250*	Max WS	APP_TR30_D6	365.84	351.65	354.68	354.72	355.62	0.006777	4.35		1.67	88.47	51.29	0.98
Solano valle	25.167*	Max WS	APP_TR30_D1	370.79	351.49	354.58	354.65	355.55	0.007274	4.41	0.61	1.49	87.76	54.55	1.01
Solano valle	25.167*	Max WS	APP_TR30_D2	475.36	351.49	354.96	354.99	356.01	0.006349	4.63	1.05	1.97	109.25	58.55	0.97
Solano valle	25.167*	Max WS	APP_TR30_D3	489.41	351.49	355.00	355.04	356.07	0.006274	4.67	1.10	2.02	111.96	59.03	0.97
Solano valle	25.167*	Max WS	APP_TR30_D4	460.96	351.49	354.90	354.95	355.95	0.006517	4.62	1.00	1.92	105.97	57.96	0.98
Solano valle	25.167*	Max WS	APP_TR30_D6	364.50	351.49	354.55	354.63	355.52	0.007405	4.40	0.57	1.45	86.20	54.25	1.01
Solano valle	25.083*	Max WS	APP_TR30_D1	375.18	351.34	354.44	354.55	355.46	0.007509	4.54	0.61	1.61	86.84	53.51	1.02
Solano valle	25.083*	Max WS	APP_TR30_D2	485.35	351.34	354.83	354.90	355.95	0.006547	4.78	1.08	2.11	108.87	57.23	0.98
Solano valle	25.083*	Max WS	APP_TR30_D3	500.07	351.34	354.88	354.95	356.01	0.006473	4.82	1.13	2.16	111.60	57.67	0.98
Solano valle	25.083*	Max WS	APP_TR30_D4	470.21	351.34	354.78	354.86	355.89	0.006729	4.77	1.03	2.06	105.48	56.67	0.99
Solano valle	25.083*	Max WS	APP_TR30_D6	368.42	351.34	354.41	354.52	355.43	0.007661	4.54	0.56	1.57	85.17	53.22	1.03
Solano valle	25 SOL-12	Max WS	APP_TR30_D1	376.14	351.19	354.28	354.42	355.49	0.008725	4.87			77.26	38.28	1.09
Solano valle	25 SOL-12	Max WS	APP_TR30_D2	488.65	351.19	354.69	354.86	356.09	0.008370	5.24			93.33	40.03	1.10
Solano valle	25 SOL-12	Max WS	APP_TR30_D3	503.76	351.19	354.74	354.90	356.17	0.008366	5.29			95.27	40.24	1.10
Solano valle	25 SOL-12	Max WS	APP_TR30_D4	472.99	351.19	354.63	354.79	356.01	0.008497	5.21			90.85	39.76	1.10
Solano valle	25 SOL-12	Max WS	APP_TR30_D6	369.24	351.19	354.25	354.39	355.45	0.008846	4.86			75.97	38.13	1.10
Solano valle	24.923*	Max WS	APP_TR30_D1	376.58	350.97	354.11	354.24	355.32	0.008550	4.87			77.33	37.80	1.09
Solano valle	24.923*	Max WS	APP_TR30_D2	489.18	350.97	354.53	354.69	355.93	0.008200	5.23			93.47	39.61	1.09
Solano valle	24.923*	Max WS	APP_TR30_D3	504.29	350.97	354.58	354.75	356.00	0.008216	5.29			95.38	39.86	1.09
Solano valle	24.923*	Max WS	APP_TR30_D4	473.47	350.97	354.47	354.63	355.85	0.008338	5.21			90.91	39.33	1.09
Solano valle	24.923*	Max WS	APP_TR30_D6	369.60	350.97	354.08	354.22	355.28	0.008689	4.87			75.96	37.65	1.09
Solano valle	24.846*	Max WS	APP_TR30_D1	377.00	350.76	353.95	354.05	355.15	0.008323	4.86			77.60	37.39	1.08
Solano valle	24.846*	Max WS	APP_TR30_D2	489.72	350.76	354.37	354.51	355.76	0.008045	5.22			93.81	39.44	1.08
Solano valle	24.846*	Max WS	APP_TR30_D3	504.83	350.76	354.42	354.57	355.84	0.008096	5.28			95.70	39.80	1.09
Solano valle	24.846*	Max WS	APP_TR30_D4	473.94	350.76	354.31	354.46	355.68	0.008168	5.20			91.18	39.04	1.09
Solano valle	24.846*	Max WS	APP_TR30_D6	369.96	350.76	353.91	354.02	355.11	0.008481	4.86			76.15	37.22	1.08
Solano valle	24.769*	Max WS	APP_TR30_D1	377.42	350.54	353.79	353.87	354.98	0.008032	4.83			78.15	37.04	1.06
Solano valle	24.769*	Max WS	APP_TR30_D2	490.25	350.54	354.22	354.33	355.59	0.007860	5.19			94.43	39.41	1.07
Solano valle	24.769*	Max WS	APP_TR30_D3	505.35	350.54	354.26	354.39	355.67	0.007922	5.25			96.27	39.75	1.08
Solano valle	24.769*	Max WS	APP_TR30_D4	474.43	350.54	354.15	354.28	355.51	0.007972	5.17			91.71	38.89	1.08
Solano valle	24.769*	Max WS	APP_TR30_D6	370.33	350.54	353.75	353.84	354.94	0.008209	4.83			76.60	36.85	1.07
Solano valle	24.692*	Max WS	APP_TR30_D1	377.84	350.32	353.64	353.70	354.80	0.007676	4.78			79.02	36.76	1.04
Solano valle	24.692*	Max WS	APP_TR30_D2	490.80	350.32	354.07	354.16	355.42	0.007607	5.15			95.32	39.35	1.06
Solano valle	24.692*	Max WS	APP_TR30_D3	505.88	350.32	354.11	354.22	355.50	0.007679	5.21			97.11	39.67	1.06
Solano valle	24.692*	Max WS	APP_TR30_D4	474.91	350.32	353.99	354.10	355.34	0.007733	5.13			92.51	38.84	1.06
Solano valle	24.692*	Max WS	APP_TR30_D6	370.70	350.32	353.59	353.67	354.76	0.007872	4.79			77.34	36.56	1.05
Solano valle	24.615*	Max WS	APP_TR30_D1	378.28	350.10	353.49	353.51	354.62	0.007253	4.71			80.28	36.61	1.02
Solano valle	24.615*	Max WS	APP_TR30_D2	491.33	350.10	353.92	353.98	355.24	0.007281	5.09			96.55	39.26	1.04
Solano valle	24.615*	Max WS	APP_TR30_D3	506.42	350.10	353.96	354.04	355.32	0.007346	5.15		0.15	98.28	39.75	1.04
Solano valle	24.615*	Max WS	APP_TR30_D4	475.39	350.10	353.85	353.91	355.16	0.007414	5.08			93.65	38.76	1.04
Solano valle	24.615*	Max WS	APP_TR30_D6	371.06	350.10	353.44	353.48	354.58	0.007464	4.73			78.47	36.38	1.03
Solano valle	24.538*	Max WS	APP_TR30_D1	378.72	349.89	353.35	353.33	354.44	0.006751	4.62			81.95	36.45	0.98
Solano valle	24.538*	Max WS	APP_TR30_D2	491.86	349.89	353.78	353.81	355.06	0.006840	5.01		0.27	98.19	39.79	1.01
Solano valle	24.538*	Max WS	APP_TR30_D3	506.96	349.89	353.83	353.87	355.14	0.006911	5.08		0.36	99.91	40.42	1.02
Solano valle	24.538*	Max WS	APP_TR30_D4	475.87	349.89	353.71	353.74	354.98	0.007028	5.00			95.14	38.67	1.02
Solano valle	24.538*	Max WS	APP_TR30_D6	371.43	349.89	353.30	353.30	354.40	0.006959	4.64			80.02	36.17	1.00
Solano valle	24.462*	Max WS	APP_TR30_D1	379.13	349.67	353.23	353.12	354.26	0.006207	4.51			84.10	36.42	0.95
Solano valle	24.462*	Max WS	APP_TR30_D2	492.41	349.67	353.66	353.60	354.89	0.006293	4.91	0.18	0.44	100.29	39.51	0.97
Solano valle	24.462*	Max WS	APP_TR30_D3	507.48	349.67	353.70	353.66	354.96	0.006339	4.98	0.28	0.51	101.94	39.84	0.98
Solano valle	24.462*	Max WS	APP_TR30_D4	476.35	349.67	353.57	353.54	354.80	0.006519	4.91		0.29	97.10	38.84	0.99
Solano valle	24.462*	Max WS	APP_TR30_D6	371.79	349.67	353.17	353.09	354.22	0.006403	4.53			82.01	36.06	0.96
Solano valle	24.385 SOL-11	Max WS	APP_TR30_D1	379.56	349.46	353.11		354.09	0.005628	4.38			86.75	36.46	0.91
Solano valle	24.385 SOL-11	Max WS	APP_TR30_D2	492.92	349.46	353.54	353.40	354.71	0.005651	4.80	0.43	0.55	102.83	38.83	0.93
Solano valle	24.385 SOL-11	Max WS	APP_TR30_D3	507.94	349.46	353.58	353.45	354.79	0.005709	4.87	0.50	0.60	104.42	39.04	0.94
Solano valle	24.385 SOL-11	Max WS	APP_TR30_D4	476.83	349.46	353.45	353.34	354.62	0.005882	4.79	0.30	0.44	99.53	38.40	0.94
Solano valle	24.385 SOL-11	Max WS	APP_TR30_D6	372.16	349.46	353.05		354.04	0.005818	4.40			84.52	36.09	0.92
Solano valle	24.308*	Max WS	APP_TR30_D1	379.98	349.24	353.01		353.92	0.005024	4.23			89.92	36.50	0.86
Solano valle	24.308*	Max WS	APP_TR30_D2	493.46	349.24	353.44		354.55	0.005010	4.67	0.61	0.68	106.12	39.55	0.88
Solano valle	24.308*	Max WS	APP_TR30_D3	508.46	349.24	353.47		354.62	0.005081	4.75	0.66	0.73	107.68	39.83	0.89
Solano valle	24.308*	Max WS	APP_TR30_D4	477.31	349.24	353.35		354.45	0.005216	4.66	0.51	0.59	102.60	38.89	0.89
Solano valle	24.308*	Max WS	APP_TR30_D6	372.52	349.24	352.94		353.87	0.005202	4.25			87.56	36.13	0.87
Solano valle	24.25			Lat Struct											
Solano valle	24.24			Lat Struct											
Solano valle	24.231*	Max WS	APP_TR30_D1	380.41	349.02	352.92		353.76	0.004337	4.06	0.22	0.28	93.64	37.06	0.81
Solano valle	24.231*	Max WS	APP_TR30_D2	494.01	349.02	353.34		354.39	0.004392	4.53	0.74	0.79	110.37	41.55	0.83
Solano valle	24.231*	Max WS	APP_TR30_D3	508.97	349.02	353.38		354.46	0.004469	4.60	0.79	0.76	111.96	42.41	0.84
Solano valle	24.231*	Max WS	APP_TR30_D4	477.79	349.02	353.25		354.29	0.004569	4.52	0.66	0.71	106.53	40.55	0.84
Solano valle	24.231*	Max WS	APP_TR30_D6	372.88	349.02	352.85		353.70	0.004558	4.09	0.07	0.16	91.11	36.35	0.82
Solano valle	24.154*	Max WS	APP_TR30_D1	380.84	348.80	352.84		353.61	0.003664	3.90	0.44	0.45	98.20	39.34	0.75
Solano valle	24.154*	Max WS	APP_TR30_D2	494.53	348.80	353.26		354.23	0.003795	4.36	0.84	0.76	117.11	50.34	0.78
Solano valle	24.154*	Max WS	APP_TR30_D3	509.48	348.80	353.30		354.30	0.003871	4.44	0.87	0.81	118.95	51.21	0.79
Solano valle	24.154*	Max WS	APP_TR30_D4	478.27	348.80	353.17		354.13	0.003955	4.36	0.78	0.65	112.31	48.35	0.79
Solano valle	24.154*	Max WS	APP_TR30_D6	373.25	348.80	352.77		353.55	0.003845	3.92	0.37	0.37	95.40	38.17	0.76
Solano valle	24.077*	Max WS	APP_TR30_D1	381.26	348.59	352.77		353.48	0.003074	3.73	0.57	0.55	103.37	40.32	0.69
Solano valle	24.077*	Max WS	APP_TR30_D2	495.06	348.59	353.19		354.09	0.003286	4.21	0.95	0.90	121.41	45.50	0.73
Solano valle	24.077*	Max WS	APP_TR30_D3	510.00	348.59	353.23		354.16	0.003364	4.29	0.99	0.93	123.01	45.93	0.74
Solano valle	24.077*	Max WS	APP_TR30_D4	478.73	348.59	353.09		353.99	0.003409	4.20	0.89	0.84	116.93	44.28	0.74
Solano valle	24.077*	Max WS	APP_TR30_D6	373.60	348.59	352.70		353.42	0.003223	3.75	0.52	0.49	100.33	39.26	0.70
Solano valle	24 SOL-10	Max WS	APP_TR30_D1	381.69	348.37	352.72		353.33	0.002483	3.50	0.62	0.78	117.97	65.25	0.63
Solano valle	24 SOL-10	Max WS	APP_TR30_D2	495.58	348.37	353.14		353.85	0.002559	3.86	1.00	1.24	147.24	71.89	0.65
Solano valle	24 SOL-10	Max WS	APP_TR30_D3	510.54	348.37	353.17		353.91	0.002612	3.92	1.05	1.29	149.67	71.89	0.66
Solano valle	24 SOL-10	Max WS	APP_TR30_D4	479.23	348.37	353.04		353.77	0.002694	3.88	0.91	1.17	139.90	71.89	0.66
Solano valle	24 SOL-10	Max WS	APP_TR30_D6	373.98	348.37	352.64		353.27	0.002619	3.54	0.59	0.70	112.96	62.88	0.64
Solano valle	23.500*	Max WS	APP_TR30_D1	382.09	348.69	352.64		353.58	0.005625	4.30	0.15	0.83	89.33	40.30	0.90
Solano valle	23.500*	Max WS	APP_TR30_D2	496.10	348.69	353.06	352.92	354.19	0.005425	4.71	0.76	1.26	106.82	43.07	0.91
Solano valle	23.500*	Max WS	APP_TR30_D3	511.04	348.69	353.10	352.97	354.26	0.005534	4.80	0.80	1.30	108.20	43.27	0.92
Solano valle	23.500*	Max WS	APP_TR30_D4	479.68	348.69	352.96	352.85	354.10	0.005804	4.75	0.66	1.19	102.24	42.42	0.93
Solano valle	23.500*	Max WS	APP_TR30_D6	374.32	348.69	352.56	352.45	353.53	0.006073	4.37		0.76	86.00	39.72	0.93
Solano valle	23 SOL-09	Max WS	APP_TR30_D1	382.48	349.01	352.50	352.79	354.05	0.010421	5.51			69.36	31.46	1.19
Solano valle	23 SOL-09	Max WS	APP_TR30_D2	496.47	349.01	352.92	353.39	354.74	0.010331	5.98		0.47	83.26	37.82	1.21
Solano valle	23 SOL-09	Max WS	APP_TR30_D3	511.20	349.01	352.95	353.48	354.83	0.010570	6.09		0.59	84.36	38.19	1.22
Solano valle	23 SOL-09	Max WS	APP_TR30_D4	480.13	349.01	352.80	353.30	354.68	0.011217	6.08		0.07	79.03	32.97	1.25
Solano valle	23 SOL-09	Max WS	APP_TR30_D6	374.64	349.01	352.40	352.76	354.02	0.011178	5.64			66.43	30.73	1.22

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Solano valle	22.800*	Max WS	APP_TR30_D1	382.91	348.75	352.31	352.47	353.67	0.008789	5.17			74.02	33.04	1.10
Solano valle	22.800*	Max WS	APP_TR30_D2	496.91	348.75	352.73	353.00	354.34	0.008608	5.62		0.72	89.02	39.70	1.12
Solano valle	22.800*	Max WS	APP_TR30_D3	511.72	348.75	352.75	353.06	354.43	0.008870	5.74		0.78	89.97	40.07	1.14
Solano valle	22.800*	Max WS	APP_TR30_D4	480.60	348.75	352.59	352.94	354.28	0.009538	5.75		0.67	83.84	36.16	1.17
Solano valle	22.800*	Max WS	APP_TR30_D6	374.96	348.75	352.20	352.43	353.64	0.009774	5.33			70.37	32.57	1.16
Solano valle	22.600*	Max WS	APP_TR30_D1	383.33	348.49	352.15	352.18	353.31	0.007325	4.77			80.42	35.82	1.02
Solano valle	22.600*	Max WS	APP_TR30_D2	497.39	348.49	352.57	352.68	353.93	0.007476	5.17		0.46	96.56	42.40	1.04
Solano valle	22.600*	Max WS	APP_TR30_D3	512.06	348.49	352.59	352.74	354.01	0.007737	5.28		0.51	97.36	42.78	1.06
Solano valle	22.600*	Max WS	APP_TR30_D4	481.06	348.49	352.42	352.62	353.86	0.008511	5.33			90.23	38.04	1.11
Solano valle	22.600*	Max WS	APP_TR30_D6	375.32	348.49	352.02	352.14	353.27	0.008201	4.95			75.82	34.74	1.07
Solano valle	22.400*	Max WS	APP_TR30_D1	383.76	348.22	352.02		352.97	0.005734	4.32			88.75	38.28	0.91
Solano valle	22.400*	Max WS	APP_TR30_D2	497.86	348.22	352.44	352.32	353.58	0.005812	4.72		0.53	106.16	46.75	0.93
Solano valle	22.400*	Max WS	APP_TR30_D3	512.45	348.22	352.46	352.38	353.65	0.006054	4.83		0.56	106.82	47.13	0.95
Solano valle	22.400*	Max WS	APP_TR30_D4	481.50	348.22	352.27	352.24	353.49	0.006772	4.90		0.12	98.31	41.28	1.00
Solano valle	22.400*	Max WS	APP_TR30_D6	375.67	348.22	351.87	351.81	352.91	0.006577	4.51			83.21	37.30	0.97
Solano valle	22.200*	Max WS	APP_TR30_D1	384.16	347.96	351.92		352.69	0.004303	3.88			99.12	40.64	0.79
Solano valle	22.200*	Max WS	APP_TR30_D2	498.31	347.96	352.34		353.27	0.004392	4.27		0.66	118.47	51.47	0.82
Solano valle	22.200*	Max WS	APP_TR30_D3	512.71	347.96	352.35		353.32	0.004599	4.37		0.69	118.96	51.59	0.84
Solano valle	22.200*	Max WS	APP_TR30_D4	481.89	347.96	352.15		353.15	0.005173	4.44		0.33	108.78	47.17	0.88
Solano valle	22.200*	Max WS	APP_TR30_D6	375.98	347.96	351.76		352.60	0.005001	4.06			92.63	39.69	0.85
Solano valle	22 SOL-08	Max WS	APP_TR30_D1	384.36	347.70	351.86		352.50	0.002988	3.65	1.95	0.09	111.77	44.94	0.68
Solano valle	22 SOL-08	Max WS	APP_TR30_D2	498.73	347.70	352.27		353.06	0.003116	4.07	2.23	0.75	135.37	61.56	0.71
Solano valle	22 SOL-08	Max WS	APP_TR30_D3	512.09	347.70	352.27		353.10	0.003264	4.17	2.28	0.78	135.73	61.58	0.73
Solano valle	22 SOL-08	Max WS	APP_TR30_D4	482.16	347.70	352.06		352.93	0.003695	4.24	2.30	0.43	122.69	60.77	0.77
Solano valle	22 SOL-08	Max WS	APP_TR30_D6	376.26	347.70	351.68		352.39	0.003501	3.83	2.00		104.14	42.00	0.73
Solano valle	21 SOL-07	Max WS	APP_TR30_D1	384.38	348.06	351.85	351.70	352.79	0.005063	4.36	0.33	1.89	92.57	43.74	0.87
Solano valle	21 SOL-07	Max WS	APP_TR30_D2	498.76	348.06	352.26	352.17	353.38	0.004994	4.78	0.87	2.27	112.40	52.15	0.88
Solano valle	21 SOL-07	Max WS	APP_TR30_D3	512.09	348.06	352.27	352.22	353.44	0.005227	4.89	0.90	2.33	112.71	52.23	0.91
Solano valle	21 SOL-07	Max WS	APP_TR30_D4	482.04	348.06	352.05	352.10	353.29	0.006064	5.02	0.67	2.30	101.93	48.13	0.96
Solano valle	21 SOL-07	Max WS	APP_TR30_D6	376.28	348.06	351.67	351.66	352.73	0.006177	4.62		1.87	85.02	40.47	0.95
Solano valle	20.750*	Max WS	APP_TR30_D1	384.63	347.99	351.76		352.70	0.004847	4.29	0.87	0.60	90.47	39.37	0.85
Solano valle	20.750*	Max WS	APP_TR30_D2	499.16	347.99	352.18	352.01	353.32	0.004903	4.76	1.14	1.02	108.31	46.18	0.88
Solano valle	20.750*	Max WS	APP_TR30_D3	511.10	347.99	352.18	352.07	353.38	0.005131	4.87	1.17	1.04	108.38	46.19	0.90
Solano valle	20.750*	Max WS	APP_TR30_D4	482.23	347.99	351.95	351.93	353.22	0.006023	5.01	1.11	0.79	98.04	43.26	0.96
Solano valle	20.750*	Max WS	APP_TR30_D6	376.46	347.99	351.56	351.47	352.62	0.006091	4.56	0.81	0.36	82.85	36.82	0.94
Solano valle	20.500*	Max WS	APP_TR30_D1	384.90	347.91	351.68		352.63	0.004808	4.34	1.36		89.91	36.36	0.85
Solano valle	20.500*	Max WS	APP_TR30_D2	497.57	347.91	352.08	352.00	353.24	0.005832	4.79	1.82	0.26	106.17	47.49	0.94
Solano valle	20.500*	Max WS	APP_TR30_D3	510.47	347.91	352.08	352.04	353.30	0.006165	4.92	1.86	0.26	106.01	47.34	0.97
Solano valle	20.500*	Max WS	APP_TR30_D4	482.27	347.91	351.84	351.92	353.16	0.006576	5.12	1.73		95.83	38.43	1.00
Solano valle	20.500*	Max WS	APP_TR30_D6	376.56	347.91	351.46	351.38	352.55	0.006049	4.64	1.34		82.00	35.37	0.95
Solano valle	20.250*	Max WS	APP_TR30_D1	384.10	347.84	351.59		352.54	0.004571	4.35	1.89		91.30	36.05	0.84
Solano valle	20.250*	Max WS	APP_TR30_D2	495.77	347.84	351.99		353.16	0.004958	4.87	2.29		105.60	36.82	0.89
Solano valle	20.250*	Max WS	APP_TR30_D3	509.89	347.84	351.98		353.23	0.005292	5.02	2.36		105.27	36.80	0.92
Solano valle	20.250*	Max WS	APP_TR30_D4	480.38	347.84	351.73	351.73	353.06	0.006158	5.17	2.32		96.04	36.31	0.98
Solano valle	20.250*	Max WS	APP_TR30_D6	376.19	347.84	351.35	351.30	352.46	0.005879	4.69	1.87		82.65	35.57	0.94
Solano valle	20 SOL-06	Max WS	APP_TR30_D1	383.21	347.77	351.52		352.32	0.003956	4.06	2.00		101.10	42.69	0.78
Solano valle	20 SOL-06	Max WS	APP_TR30_D2	497.10	347.77	351.90		352.89	0.004302	4.54	2.40		117.76	44.21	0.83
Solano valle	20 SOL-06	Max WS	APP_TR30_D3	504.78	347.77	351.89		352.92	0.004505	4.64	2.45		117.13	44.16	0.84
Solano valle	20 SOL-06	Max WS	APP_TR30_D4	479.25	347.77	351.62	351.57	352.77	0.005469	4.87	2.45		105.56	43.11	0.92
Solano valle	20 SOL-06	Max WS	APP_TR30_D6	375.67	347.77	351.25	351.17	352.22	0.005310	4.46	2.04		89.92	41.64	0.89
Solano valle	19.909*	Max WS	APP_TR30_D1	382.20	347.65	351.44		352.28	0.003976	4.08	1.60		96.30	37.39	0.78
Solano valle	19.909*	Max WS	APP_TR30_D2	491.96	347.65	351.82		352.87	0.004374	4.59	1.98		110.49	38.05	0.83
Solano valle	19.909*	Max WS	APP_TR30_D3	503.31	347.65	351.80		352.92	0.004668	4.73	2.03		109.77	38.02	0.86
Solano valle	19.909*	Max WS	APP_TR30_D4	477.06	347.65	351.52	351.43	352.75	0.005700	4.96	1.99		99.03	37.52	0.94
Solano valle	19.909*	Max WS	APP_TR30_D6	374.16	347.65	351.15		352.17	0.005434	4.48	1.54		85.45	36.88	0.90
Solano valle	19.818*	Max WS	APP_TR30_D1	383.75	347.52	351.37		352.13	0.003635	3.91	1.95		102.99	40.56	0.75
Solano valle	19.818*	Max WS	APP_TR30_D2	495.94	347.52	351.74		352.69	0.004128	4.42	2.35		118.02	41.85	0.81
Solano valle	19.818*	Max WS	APP_TR30_D3	509.67	347.52	351.71		352.74	0.004469	4.58	2.43		116.99	41.77	0.84
Solano valle	19.818*	Max WS	APP_TR30_D4	483.21	347.52	351.41	351.32	352.57	0.005541	4.86	2.44		104.44	40.68	0.93
Solano valle	19.818*	Max WS	APP_TR30_D6	377.23	347.52	351.05		352.00	0.005125	4.39	1.99		90.07	39.40	0.88
Solano valle	19.727*	Max WS	APP_TR30_D1	386.49	347.39	351.32		352.01	0.003288	3.72	1.65	0.27	108.04	42.65	0.71
Solano valle	19.727*	Max WS	APP_TR30_D2	503.90	347.39	351.66		352.57	0.003739	4.29	2.02	0.62	122.77	43.19	0.77
Solano valle	19.727*	Max WS	APP_TR30_D3	520.64	347.39	351.63		352.62	0.004136	4.48	2.10	0.63	121.39	43.14	0.81
Solano valle	19.727*	Max WS	APP_TR30_D4	492.19	347.39	351.30	351.19	352.43	0.005438	4.77	2.10	0.33	107.36	42.63	0.91
Solano valle	19.727*	Max WS	APP_TR30_D6	383.09	347.39	350.95		351.87	0.005184	4.29	1.67		92.46	41.98	0.88
Solano valle	19.636*	Max WS	APP_TR30_D1	389.03	347.27	351.27		351.91	0.002867	3.63	1.53	0.74	118.21	60.69	0.67
Solano valle	19.636*	Max WS	APP_TR30_D2	509.50	347.27	351.60		352.42	0.003257	4.15	1.93	1.22	138.45	61.26	0.73
Solano valle	19.636*	Max WS	APP_TR30_D3	520.13	347.27	351.56		352.44	0.003577	4.31	1.98	1.22	135.76	61.19	0.76
Solano valle	19.636*	Max WS	APP_TR30_D4	496.62	347.27	351.20	351.20	352.31	0.005084	4.76	1.96	0.96	114.25	59.36	0.89
Solano valle	19.636*	Max WS	APP_TR30_D6	384.04	347.27	350.86	350.73	351.77	0.004873	4.28	1.50	0.49	95.07	51.44	0.85
Solano valle	19.545*	Max WS	APP_TR30_D1	388.66	347.14	351.21		351.84	0.002919	3.54	0.66	1.09	116.38	55.96	0.67
Solano valle	19.545*	Max WS	APP_TR30_D2	509.53	347.14	351.54		352.36	0.003357	4.09	0.96	1.52	135.06	59.03	0.74
Solano valle	19.545*	Max WS	APP_TR30_D3	518.40	347.14	351.49		352.37	0.003687	4.24	0.97	1.54	132.12	58.56	0.77
Solano valle	19.545*	Max WS	APP_TR30_D4	493.11	347.14	351.10	351.09	352.21	0.005429	4.71	0.78	1.31	110.28	54.91	0.91
Solano valle	19.545*	Max WS	APP_TR30_D6	382.30	347.14	350.76	350.61	351.66	0.005241	4.23	0.31	1.00	92.66	47.17	0.88
Solano valle	19.455*	Max WS	APP_TR30_D1	387.89	347.02	351.17		351.74	0.002679	3.40	0.53	1.32	120.92	53.90	0.65
Solano valle	19.455*	Max WS	APP_TR30_D2	508.11	347.02	351.47		352.24	0.003173	3.97	0.82	1.70	137.75	56.62	0.72
Solano valle	19.455*	Max WS	APP_TR30_D3	515.96	347.02	351.42		352.25	0.003493	4.11	0.82	1.75	134.58	55.95	0.75
Solano valle	19.455*	Max WS	APP_TR30_D4	491.10	347.02	351.00	350.96	352.06	0.005374	4.63	0.54	1.65	111.83	52.48	0.91
Solano valle	19.455*	Max WS	APP_TR30_D6	381.46	347.02	350.66		351.53	0.005118	4.17		1.33	94.75	47.05	0.87
Solano valle	19.364*	Max WS	APP_TR30_D1	388.20	346.89	351.12		351.70	0.002213	3.44	0.98	1.42	124.02	51.93	0.60
Solano valle	19.364*	Max WS	APP_TR30_D2	507.37	346.89	351.41		352.20	0.002752	4.06	1.30	1.80	139.40	53.71	0.68
Solano valle	19.364*	Max WS	APP_TR30_D3	514.24	346.89	351.36		352.20	0.003008	4.20	1.32	1.84	136.27	53.36	0.71
Solano valle	19.364*	Max WS	APP_TR30_D4	409.19	346.89	350.93		351.67	0.003091	3.91	0.99	1.51	113.91	50.66	0.70
Solano valle	19.364*	Max WS	APP_TR30_D6	381.06	346.89	350.57		351.45	0.004171	4.19	0.83	1.35	96.53	47.20	0.80
Solano valle	19.273*	Max WS	APP_TR30_D1	388.57	346.77	351.10		351.64	0.002033	3.34	0.80	1.51	127.04	51.67	0.58
Solano valle	19.273*	Max WS	APP_TR30_D2	507.23	346.77	351.36		352.14	0.002649	4.01	1.10	1.61	141.75	57.69	0.67
Solano valle	19.273*	Max WS	APP_TR30_D3	512.73	346.77	351.30		352.13	0.002900	4.15	1.11	1.64	137.99	56.92	0.70
Solano valle	19.273*	Max WS	APP_TR30_D4	402.06	346.77	350.88		351.56	0.002789	3.74	0.76	1.65	115.82	49.19	0.67
Solano valle	19.273*	Max WS	APP_TR30_D6	380.94	346.77	350.49		351.33	0.003976	4.10	0.57	1.62	98.01	44.35	0.78
Solano valle	19.182*	Max WS	APP_TR30_D1	388.55	346.64	351.07		351.59	0.001926	3.28	0.63	1.51	128.34	51.48	0.56
Solano valle	19.182*	Max WS	APP_TR30_D2	507.66	346.64	351.32		352.07	0.002558	3.96	0.89	1.72	142.04	57.21	0.66
Solano valle	19.182*	Max WS	APP_TR30_D3	511.47	346.64	351.25		352.05	0.002799	4.08	0.88	1.76	137.90	55.94	0.69
Solano valle	19.182*	Max WS	APP_TR30_D4	402.16	346.64	350.83		351.49	0.002659	3.67	0.58	1.77	116.62	46.72	0.66
Solano valle	19.182*	Max WS	APP_TR30_D6	380.97	346.64	350.42		351.23	0.003866	4.04	0.25	1.84	98.74	40.99	0.77

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Solano valle	19.091*	Max WS	APP_TR30_D1	388.95	346.51	351.05		351.53	0.001887	3.06	0.50	0.27	128.94	49.82	0.55
Solano valle	19.091*	Max WS	APP_TR30_D2	508.05	346.51	351.28		351.98	0.002548	3.72	0.67	0.60	140.85	56.94	0.64
Solano valle	19.091*	Max WS	APP_TR30_D3	511.13	346.51	351.19		351.94	0.002814	3.85	0.67	0.51	136.16	54.20	0.67
Solano valle	19.091*	Max WS	APP_TR30_D4	389.44	346.51	350.80		351.37	0.002504	3.34	0.40		117.02	43.66	0.62
Solano valle	19.091*	Max WS	APP_TR30_D6	381.04	346.51	350.35		351.10	0.003960	3.86			98.80	38.38	0.77
Solano valle	19 SOL-05	Max WS	APP_TR30_D1	389.34	346.39	351.01		351.50	0.001870	3.09	0.36	0.39	126.92	45.50	0.54
Solano valle	19 SOL-05	Max WS	APP_TR30_D2	507.94	346.39	351.24		351.87	0.002282	3.58	1.04	0.63	159.91	75.69	0.61
Solano valle	19 SOL-05	Max WS	APP_TR30_D3	511.43	346.39	351.14		351.91	0.002828	3.90	0.54	0.60	133.06	49.05	0.67
Solano valle	19 SOL-05	Max WS	APP_TR30_D4	384.54	346.39	350.74		351.31	0.002425	3.33	0.14	0.18	115.56	39.71	0.61
Solano valle	19 SOL-05	Max WS	APP_TR30_D6	381.16	346.39	350.27		351.04	0.003922	3.90			97.65	36.65	0.76
Solano valle	18.750*	Max WS	APP_TR30_D1	389.67	346.28	350.98		351.46	0.002075	3.07	0.31	0.35	127.54	47.99	0.57
Solano valle	18.750*	Max WS	APP_TR30_D2	508.09	346.28	351.20		351.90	0.002765	3.72	0.43	0.63	139.99	64.74	0.66
Solano valle	18.750*	Max WS	APP_TR30_D3	505.08	346.28	351.09		351.83	0.003086	3.84	0.37	0.54	133.24	56.03	0.69
Solano valle	18.750*	Max WS	APP_TR30_D4	380.53	346.28	350.69		351.25	0.002702	3.32			114.77	41.53	0.64
Solano valle	18.750*	Max WS	APP_TR30_D6	381.49	346.28	350.19		351.00	0.004190	3.99			95.63	36.40	0.79
Solano valle	18.7			Lat Struct											
Solano valle	18.65			Lat Struct											
Solano valle	18.500*	Max WS	APP_TR30_D1	390.08	346.18	350.95		351.41	0.002144	3.02	0.42	0.28	131.55	60.04	0.57
Solano valle	18.500*	Max WS	APP_TR30_D2	508.56	346.18	351.15		351.82	0.002870	3.65	0.67	0.56	145.15	70.48	0.67
Solano valle	18.500*	Max WS	APP_TR30_D3	504.96	346.18	351.03		351.76	0.003256	3.79	0.57	0.46	137.00	66.61	0.70
Solano valle	18.500*	Max WS	APP_TR30_D4	367.70	346.18	350.64		351.16	0.002609	3.18			115.47	43.02	0.62
Solano valle	18.500*	Max WS	APP_TR30_D6	381.72	346.18	350.11		350.94	0.004391	4.04			94.59	36.33	0.80
Solano valle	18.250*	Max WS	APP_TR30_D1	390.43	346.07	350.91		351.37	0.001902	3.00	0.50	0.70	134.43	58.56	0.54
Solano valle	18.250*	Max WS	APP_TR30_D2	509.02	346.07	351.10		351.77	0.002614	3.65	0.82	0.79	148.41	68.72	0.64
Solano valle	18.250*	Max WS	APP_TR30_D3	505.41	346.07	350.97		351.70	0.002983	3.80	0.71	0.90	137.92	59.20	0.68
Solano valle	18.250*	Max WS	APP_TR30_D4	361.64	346.07	350.60		351.09	0.002339	3.10	0.06	0.82	117.38	44.96	0.59
Solano valle	18.250*	Max WS	APP_TR30_D6	382.10	346.07	350.03		350.87	0.004396	4.05		0.54	94.58	36.76	0.80
Solano valle	18 SOL-04	Max WS	APP_TR30_D1	390.72	345.96	350.89		351.32	0.001695	2.93	0.58	0.50	140.50	66.10	0.51
Solano valle	18 SOL-04	Max WS	APP_TR30_D2	508.46	345.96	351.06		351.70	0.002400	3.59	0.88	0.79	151.39	66.67	0.61
Solano valle	18 SOL-04	Max WS	APP_TR30_D3	498.61	345.96	350.92		351.61	0.002678	3.70	0.77	0.67	142.32	66.19	0.64
Solano valle	18 SOL-04	Max WS	APP_TR30_D4	354.81	345.96	350.58		351.02	0.001984	2.96	0.27	0.76	121.40	50.17	0.54
Solano valle	18 SOL-04	Max WS	APP_TR30_D6	382.42	345.96	349.95		350.77	0.004357	4.00		0.40	95.70	37.10	0.78
Solano valle	17.833*	Max WS	APP_TR30_D1	390.56	345.77	350.88		351.29	0.001511	2.86	0.61	0.51	143.56	62.31	0.49
Solano valle	17.833*	Max WS	APP_TR30_D2	506.66	345.77	351.02		351.65	0.002181	3.53	0.86	0.78	152.90	63.24	0.59
Solano valle	17.833*	Max WS	APP_TR30_D3	494.36	345.77	350.88		351.54	0.002417	3.62	0.77	0.65	143.68	62.32	0.62
Solano valle	17.833*	Max WS	APP_TR30_D4	351.98	345.77	350.55		350.97	0.001719	2.86	0.35	0.76	125.39	51.15	0.51
Solano valle	17.833*	Max WS	APP_TR30_D6	78.97	345.77	349.95		349.98	0.000165	0.79		0.11	99.68	38.06	0.15
Solano valle	17.667*	Max WS	APP_TR30_D1	388.67	345.57	350.87		351.26	0.001338	2.78	0.65	0.54	148.33	62.48	0.46
Solano valle	17.667*	Max WS	APP_TR30_D2	504.28	345.57	351.00		351.60	0.001963	3.45	0.88	0.79	157.04	63.72	0.56
Solano valle	17.667*	Max WS	APP_TR30_D3	485.91	345.57	350.84		351.46	0.002139	3.50	0.81	0.65	146.94	62.28	0.59
Solano valle	17.667*	Max WS	APP_TR30_D4	351.29	345.57	350.54		350.93	0.001528	2.79	0.43	0.76	129.16	50.58	0.49
Solano valle	17.667*	Max WS	APP_TR30_D6	79.04	345.57	349.95		349.98	0.000144	0.77		0.13	103.58	38.12	0.15
Solano valle	17.500*	Max WS	APP_TR30_D1	387.48	345.38	350.86		351.23	0.001186	2.73	0.68	0.60	153.48	63.37	0.44
Solano valle	17.500*	Max WS	APP_TR30_D2	499.88	345.38	350.99		351.55	0.001739	3.38	0.91	0.84	161.81	64.20	0.54
Solano valle	17.500*	Max WS	APP_TR30_D3	474.14	345.38	350.82		351.39	0.001849	3.38	0.82	0.71	150.88	63.11	0.55
Solano valle	17.500*	Max WS	APP_TR30_D4	351.44	345.38	350.52		350.90	0.001367	2.75	0.49	0.61	132.74	53.09	0.47
Solano valle	17.500*	Max WS	APP_TR30_D6	79.11	345.38	349.95		349.98	0.000124	0.74		0.16	107.14	37.75	0.14
Solano valle	17.333*	Max WS	APP_TR30_D1	385.85	345.19	350.85		351.21	0.001078	2.67	0.74	0.63	155.76	58.23	0.42
Solano valle	17.333*	Max WS	APP_TR30_D2	496.61	345.19	350.98		351.52	0.001598	3.32	0.95	0.86	162.88	59.11	0.52
Solano valle	17.333*	Max WS	APP_TR30_D3	468.92	345.19	350.80		351.34	0.001679	3.31	0.88	0.74	152.45	57.99	0.53
Solano valle	17.333*	Max WS	APP_TR30_D4	330.04	345.19	350.51		350.83	0.001094	2.54	0.52	0.63	136.01	50.74	0.42
Solano valle	17.333*	Max WS	APP_TR30_D6	79.17	345.19	349.95		349.98	0.000110	0.72		0.16	110.33	37.18	0.13
Solano valle	17.167*	Max WS	APP_TR30_D1	383.88	344.99	350.85		351.19	0.000988	2.64	0.77	0.73	160.54	59.35	0.41
Solano valle	17.167*	Max WS	APP_TR30_D2	493.09	344.99	350.97		351.49	0.001468	3.28	0.99	0.97	167.51	59.94	0.50
Solano valle	17.167*	Max WS	APP_TR30_D3	461.41	344.99	350.78		351.30	0.001525	3.25	0.91	0.85	156.24	59.17	0.50
Solano valle	17.167*	Max WS	APP_TR30_D4	308.38	344.99	350.49		350.77	0.000887	2.36	0.53	0.50	139.60	56.70	0.38
Solano valle	17.167*	Max WS	APP_TR30_D6	79.24	344.99	349.95		349.97	0.000098	0.71	0.03	0.20	113.20	39.39	0.12
Solano valle	17 SOL-03	Max WS	APP_TR30_D1	381.66	344.80	350.85		351.18	0.000908	2.57	0.80	0.78	165.00	57.80	0.39
Solano valle	17 SOL-03	Max WS	APP_TR30_D2	489.21	344.80	350.97		351.46	0.001350	3.19	1.04	1.03	171.69	58.01	0.47
Solano valle	17 SOL-03	Max WS	APP_TR30_D3	455.85	344.80	350.77		351.26	0.001395	3.15	0.94	0.91	160.16	57.64	0.48
Solano valle	17 SOL-03	Max WS	APP_TR30_D4	308.06	344.80	350.49		350.75	0.000823	2.32	0.57	0.55	143.98	56.32	0.36
Solano valle	17 SOL-03	Max WS	APP_TR30_D6	79.31	344.80	349.95		349.97	0.000090	0.70	0.05	0.19	116.34	45.34	0.12
Solano valle	16.875*	Max WS	APP_TR30_D1	379.01	344.77	350.83		351.16	0.000939	2.60	0.64	0.71	157.32	53.47	0.39
Solano valle	16.875*	Max WS	APP_TR30_D2	484.72	344.77	350.93		351.44	0.001409	3.23	0.84	0.94	162.75	53.87	0.48
Solano valle	16.875*	Max WS	APP_TR30_D3	447.08	344.77	350.73		351.22	0.001425	3.15	0.73	0.80	151.93	53.07	0.48
Solano valle	16.875*	Max WS	APP_TR30_D4	302.95	344.77	350.46		350.73	0.000827	2.30	0.43	0.44	138.03	52.02	0.36
Solano valle	16.875*	Max WS	APP_TR30_D6	79.38	344.77	349.95		349.97	0.000090	0.69		0.18	116.04	36.22	0.12
Solano valle	16.750*	Max WS	APP_TR30_D1	377.04	344.74	350.81		351.15	0.000926	2.59	0.53	0.92	153.55	45.01	0.39
Solano valle	16.750*	Max WS	APP_TR30_D2	481.62	344.74	350.90		351.42	0.001407	3.23	0.72	1.18	157.48	45.01	0.49
Solano valle	16.750*	Max WS	APP_TR30_D3	434.38	344.74	350.70		351.17	0.001347	3.07	0.54	1.05	148.53	45.01	0.47
Solano valle	16.750*	Max WS	APP_TR30_D4	299.64	344.74	350.45		350.71	0.000796	2.26	0.24	0.69	137.15	44.11	0.36
Solano valle	16.750*	Max WS	APP_TR30_D6	79.45	344.74	349.94		349.97	0.000088	0.69		0.17	116.85	36.89	0.12
Solano valle	16.625*	Max WS	APP_TR30_D1	373.33	344.71	350.82		351.14	0.000861	2.51	0.53	0.84	159.82	49.58	0.38
Solano valle	16.625*	Max WS	APP_TR30_D2	478.15	344.71	350.91		351.39	0.001321	3.15	0.71	1.09	163.86	49.58	0.47
Solano valle	16.625*	Max WS	APP_TR30_D3	420.16	344.71	350.70		351.13	0.001209	2.92	0.55	0.93	153.82	49.58	0.45
Solano valle	16.625*	Max WS	APP_TR30_D4	296.91	344.71	350.45		350.70	0.000755	2.22	0.25	0.60	141.24	49.58	0.35
Solano valle	16.625*	Max WS	APP_TR30_D6	79.52	344.71	349.94		349.97	0.000085	0.69		0.14	118.05	39.74	0.12
Solano valle	16.500*	Max WS	APP_TR30_D1	358.30	344.67	350.88		351.13	0.000736	2.27		0.80	167.21	48.24	0.35
Solano valle	16.500*	Max WS	APP_TR30_D2	458.59	344.67	350.96		351.36	0.001128	2.84		1.04	171.30	48.24	0.43
Solano valle	16.500*	Max WS	APP_TR30_D3	393.69	344.67	350.76		351.09	0.000980	2.58		0.86	161.38	48.24	0.40
Solano valle	16.500*	Max WS	APP_TR30_D4	287.68	344.67	350.48		350.69	0.000661	2.04		0.57	148.09	48.24	0.33
Solano valle	16.500*	Max WS	APP_TR30_D6	78.87	344.67	349.94		349.97	0.000081	0.65		0.14	123.18	43.00	0.11
Solano valle	16.375*	Max WS	APP_TR30_D1	340.36	344.64	350.91		351.14	0.000579	2.20	0.90	0.69	170.59	49.30	0.32
Solano valle	16.375*	Max WS	APP_TR30_D2	438.70	344.64	351.00		351.37	0.000898	2.77	1.15	0.90	175.03	49.52	0.40
Solano valle	16.375*	Max WS	APP_TR30_D3	376.21	344.64	350.78		351.09	0.000784	2.51	1.01	0.77	164.18	48.57	0.37
Solano valle	16.375*	Max WS	APP_TR30_D4	276.26	344.64	350.50		350.69	0.000532	1.99	0.75	0.56	150.66	47.01	0.30
Solano valle	16.375*	Max WS	APP_TR30_D6	77.40	344.64	349.94		349.97	0.000068	0.65	0.21	0.14	125.58	43.97	0.11
Solano valle	16.250*	Max WS	APP_TR30_D1	307.88	344.61	350.97		351.17	0.000450	2.00	0.69	0.73	165.61	39.73	0.28
Solano valle	16.250*	Max WS	APP_TR30_D2	401.35	344.61	351.08		351.40	0.000710	2.54	0.88	0.96	169.91	39.73	0.36
Solano valle	16.250*	Max WS	APP_TR30_D3	350.60	344.61	350.83		351.10	0.000647	2.35	0.80	0.84	159.93	39.73	0.34
Solano valle	16.250*	Max WS	APP_TR30_D4	260.12	344.61	350.52		350.70	0.000448	1.87	0.62	0.61	147.75	39.73	0.28
Solano valle	16.250*	Max WS	APP_TR30_D6	75.55	344.61	349.94		349.96	0.000061	0.63	0.18	0.15	124.86	39.73	0.10
Solano valle	16.125*	Max WS	APP_TR30_D1	249.88	344.58	351.10		351.21	0.000258	1.48	0.43	0.57	188.71	55.28	0.21
Solano valle	16.125*	Max WS	APP_TR30_D2	334.04	344.58	351.28		351.45	0.000403	1.89	0.60	0.75	198.46	55.28	0.27

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Solano valle	16.125*	Max WS	APP_TR30_D3	302.52	344.58	350.97		351.14	0.000420	1.85	0.51	0.69	181.34	55.28	0.27
Solano valle	16.125*	Max WS	APP_TR30_D4	232.03	344.58	350.59		350.71	0.000338	1.57	0.32	0.51	160.47	55.28	0.24
Solano valle	16.125*	Max WS	APP_TR30_D6	71.13	344.58	349.95		349.97	0.000056	0.58		0.11	126.70	44.36	0.09
Solano valle	16 SOL-02	Max WS	APP_TR30_D1	204.33	344.55	351.16		351.23	0.000165	1.17	0.33	0.48	191.32	51.76	0.17
Solano valle	16 SOL-02	Max WS	APP_TR30_D2	282.10	344.55	351.37		351.49	0.000270	1.54	0.47	0.66	202.22	51.76	0.22
Solano valle	16 SOL-02	Max WS	APP_TR30_D3	282.88	344.55	351.04		351.17	0.000349	1.68	0.44	0.67	184.82	51.76	0.24
Solano valle	16 SOL-02	Max WS	APP_TR30_D4	216.07	344.55	350.62		350.72	0.000284	1.43		0.51	160.11	44.68	0.22
Solano valle	16 SOL-02	Max WS	APP_TR30_D6	68.87	344.55	349.95		349.97	0.000050	0.55		0.13	130.37	43.85	0.09
Solano valle	15.750*	Max WS	APP_TR30_D1	166.51	344.67	351.20		351.25	0.000105	0.94	0.27	0.34	190.42	50.45	0.14
Solano valle	15.750*	Max WS	APP_TR30_D2	232.60	344.67	351.44		351.51	0.000173	1.25	0.39	0.48	202.32	50.45	0.18
Solano valle	15.750*	Max WS	APP_TR30_D3	257.58	344.67	351.09		351.20	0.000274	1.50	0.41	0.53	184.60	50.45	0.22
Solano valle	15.750*	Max WS	APP_TR30_D4	202.00	344.67	350.64		350.73	0.000241	1.32	0.27	0.39	162.21	50.45	0.20
Solano valle	15.750*	Max WS	APP_TR30_D6	67.93	344.67	349.95		349.97	0.000050	0.54		0.07	128.30	44.13	0.09
Solano valle	15.500*	Max WS	APP_TR30_D1	134.81	344.79	351.23		351.26	0.000064	0.75	0.15	0.28	194.44	50.66	0.11
Solano valle	15.500*	Max WS	APP_TR30_D2	190.93	344.79	351.48		351.53	0.000107	1.00	0.22	0.40	207.34	51.34	0.14
Solano valle	15.500*	Max WS	APP_TR30_D3	243.37	344.79	351.13		351.23	0.000225	1.38	0.27	0.51	189.40	50.39	0.20
Solano valle	15.500*	Max WS	APP_TR30_D4	188.75	344.79	350.67		350.74	0.000195	1.20	0.17	0.37	166.18	49.13	0.18
Solano valle	15.500*	Max WS	APP_TR30_D6	66.65	344.79	349.95		349.97	0.000045	0.52		0.08	131.80	47.30	0.09
Solano valle	15.250*	Max WS	APP_TR30_D1	99.74	344.91	351.25		351.27	0.000030	0.51	0.15	0.23	216.55	61.12	0.07
Solano valle	15.250*	Max WS	APP_TR30_D2	147.14	344.91	351.52		351.55	0.000054	0.71	0.21	0.33	233.13	62.82	0.10
Solano valle	15.250*	Max WS	APP_TR30_D3	236.26	344.91	351.18		351.25	0.000179	1.24	0.35	0.54	212.08	60.65	0.18
Solano valle	15.250*	Max WS	APP_TR30_D4	173.19	344.91	350.69		350.75	0.000143	1.04	0.24	0.41	183.21	58.16	0.16
Solano valle	15.250*	Max WS	APP_TR30_D6	63.49	344.91	349.95		349.97	0.000038	0.47	0.03	0.13	141.40	53.32	0.08
Solano valle	15 SOL-01	Max WS	APP_TR30_D1	79.01	345.03	348.77	346.44	348.81	0.000188	0.87		0.11	91.07	34.88	0.17
Solano valle	15 SOL-01	Max WS	APP_TR30_D2	79.07	345.03	348.77	346.45	348.81	0.000188	0.87		0.11	91.07	34.88	0.17
Solano valle	15 SOL-01	Max WS	APP_TR30_D3	79.10	345.03	348.77	346.45	348.81	0.000188	0.87		0.11	91.07	34.88	0.17
Solano valle	15 SOL-01	Max WS	APP_TR30_D4	119.57	345.03	348.77	346.81	348.86	0.000431	1.32		0.16	91.07	34.88	0.25
Solano valle	15 SOL-01	Max WS	APP_TR30_D6	387.39	345.03	348.77	348.43	349.70	0.004519	4.26		0.53	91.07	34.88	0.82

ALLEGATI

MODELLAZIONE HEC-RAS 6.3.1 "STRADA"

F. CAVALLENA

MODELLAZIONE PER TR=30 e 200 ANNI

DURATA DI PIOGGIA: 0.5, 1 e 2 h

Profilo longitudinale

Sezioni Trasversali

Dati idraulici

ALLEGATI

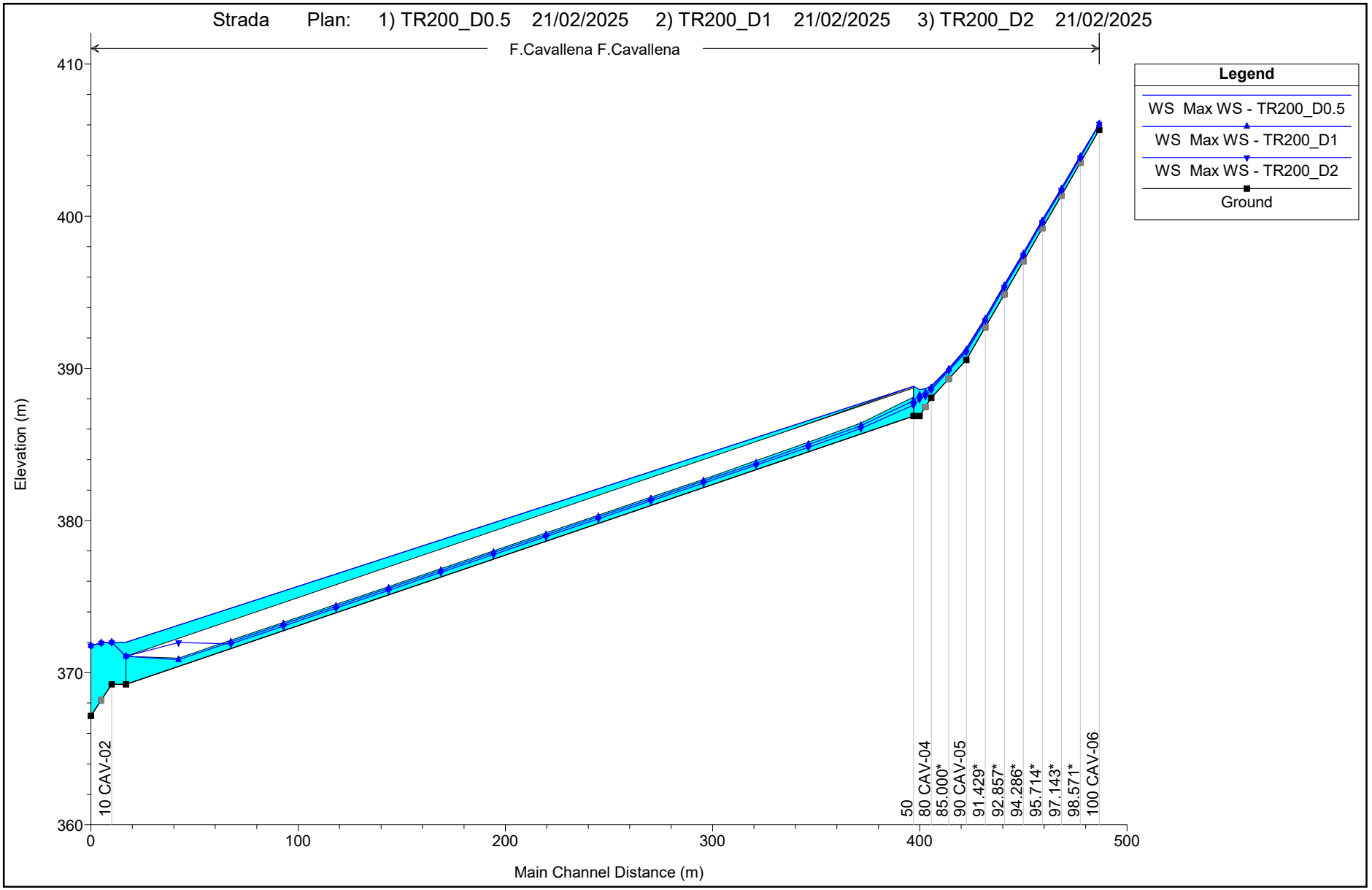
MODELLAZIONE HEC-RAS 6.3.1 "STRADA"

F. CAVALLENA

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 0.5, 1 e 2 h

Profilo longitudinale


Strada Plan: 1) TR200_D0.5 21/02/2025 2) TR200_D1 21/02/2025 3) TR200_D2 21/02/2025
F.Cavallena F.Cavallena
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Elevation (m)
Main Channel Distance (m)
410
400
390
380
370
360
0
100
200
300
400
500
10 CAV-02
50
80 CAV-04
85.000*
90 CAV-05
91.429*
92.857*
94.286*
95.714*
97.143*
98.571*
100 CAV-06

ALLEGATI

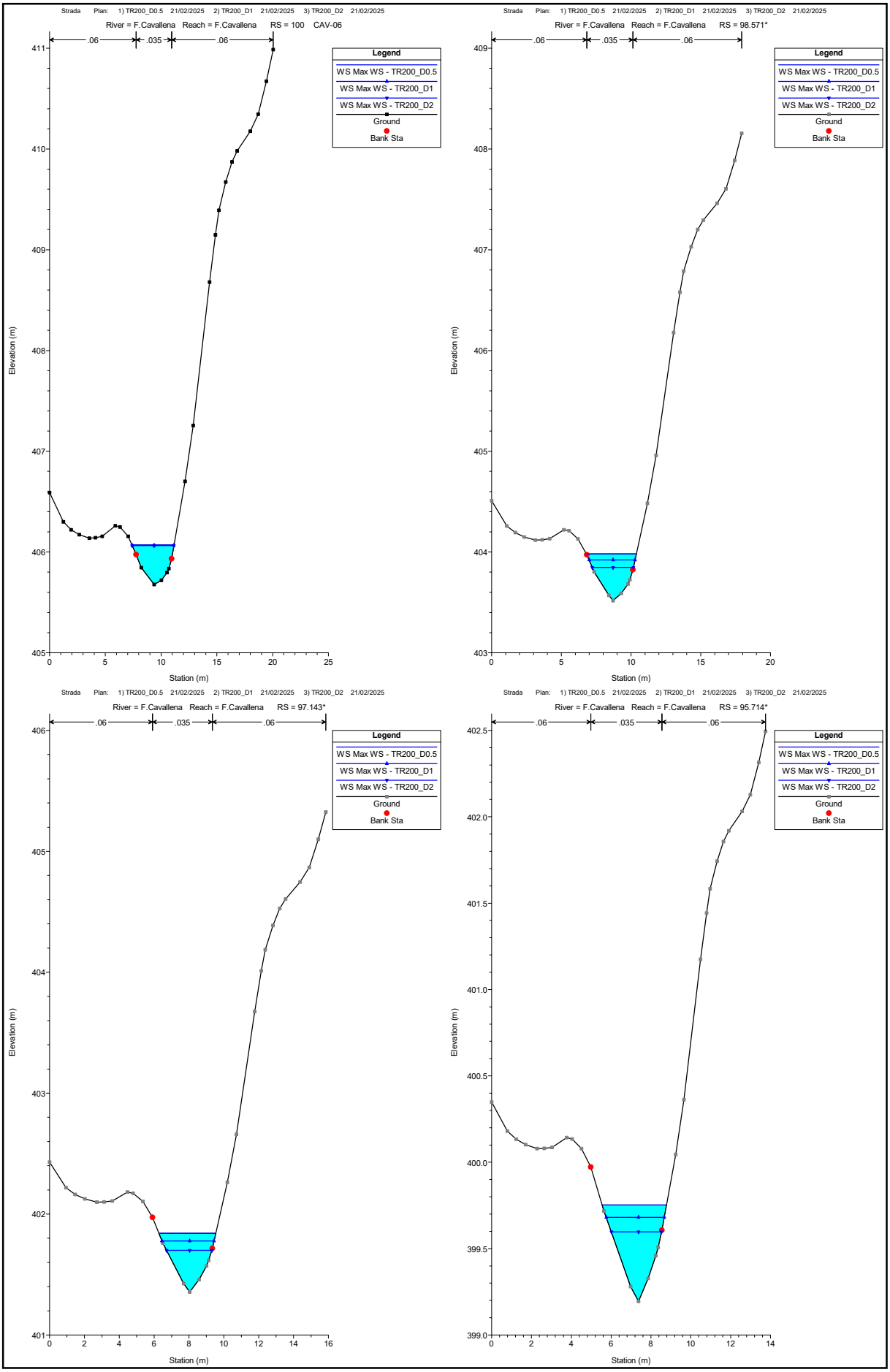
MODELLAZIONE HEC-RAS 6.3.1 "STRADA"

F. CAVALLENA

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 0.5, 1 e 2 h

Sezioni Trasversali (da monte verso valle)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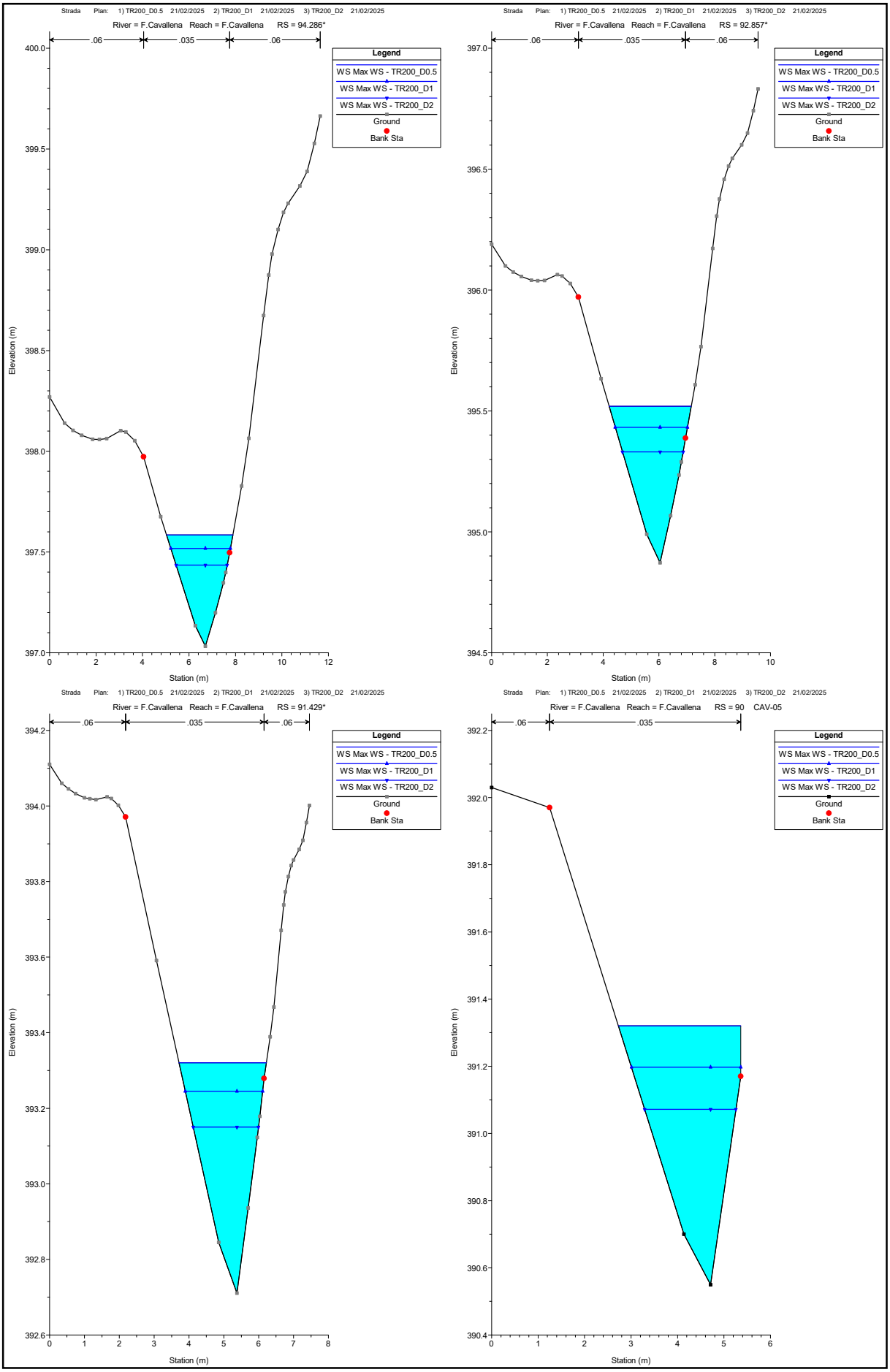
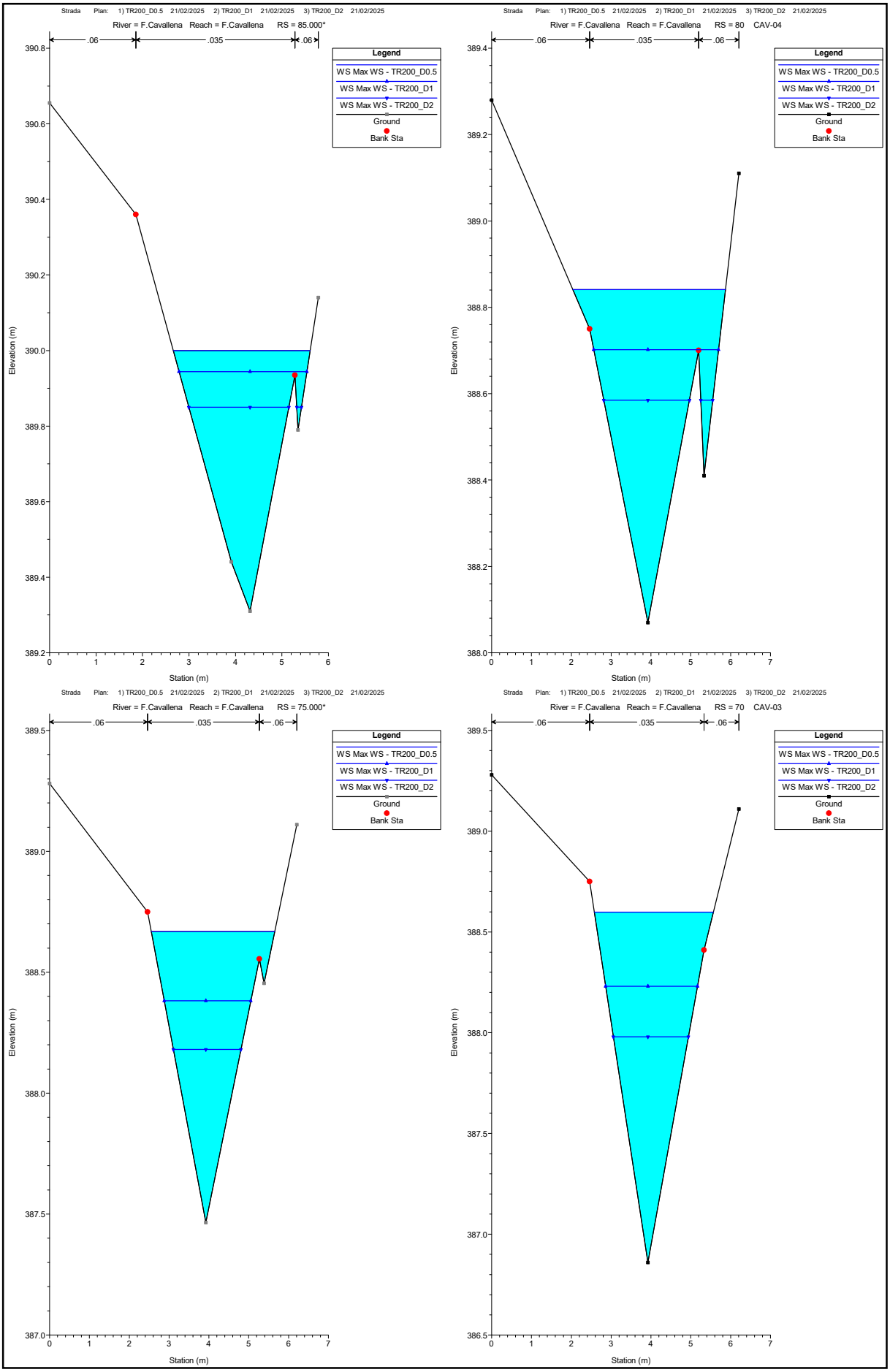
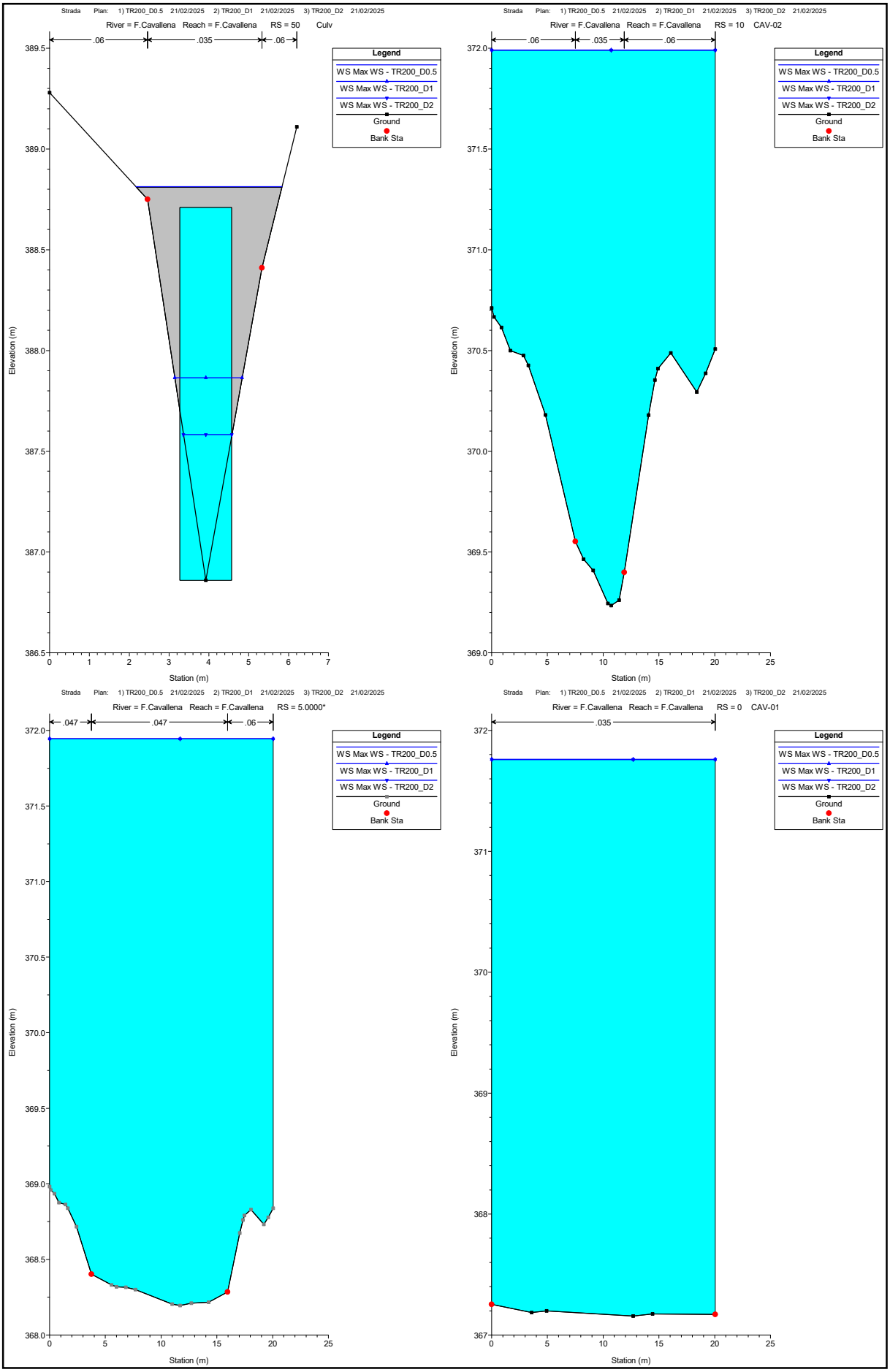
River = F.Cavallena Reach = F.Cavallena RS = 100 CAV-06
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR200_D0.5 21/02/2025 2) TR200_D1 21/02/2025 3) TR200_D2 21/02/2025
River = F.Cavallena Reach = F.Cavallena RS = 98.571*
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR200_D0.5 21/02/2025 2) TR200_D1 21/02/2025 3) TR200_D2 21/02/2025
River = F.Cavallena Reach = F.Cavallena RS = 97.143*
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR200_D0.5 21/02/2025 2) TR200_D1 21/02/2025 3) TR200_D2 21/02/2025
River = F.Cavallena Reach = F.Cavallena RS = 95.714*
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Strada Plan: 1) TR200_D0.5 21/02/2025 2) TR200_D1 21/02/2025 3) TR200_D2 21/02/2025
River = F.Cavallena Reach = F.Cavallena RS = 94.286*
.06
.035
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR200_D0.5 21/02/2025 2) TR200_D1 21/02/2025 3) TR200_D2 21/02/2025
River = F.Cavallena Reach = F.Cavallena RS = 92.857*
.06
.035
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR200_D0.5 21/02/2025 2) TR200_D1 21/02/2025 3) TR200_D2 21/02/2025
River = F.Cavallena Reach = F.Cavallena RS = 91.429*
.06
.035
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR200_D0.5 21/02/2025 2) TR200_D1 21/02/2025 3) TR200_D2 21/02/2025
River = F.Cavallena Reach = F.Cavallena RS = 90 CAV-05
.06
.035
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Strada Plan: 1) TR200_D0.5 21/02/2025 2) TR200_D1 21/02/2025 3) TR200_D2 21/02/2025
River = F.Cavallena Reach = F.Cavallena RS = 85.000*
.06
.035
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR200_D0.5 21/02/2025 2) TR200_D1 21/02/2025 3) TR200_D2 21/02/2025
River = F.Cavallena Reach = F.Cavallena RS = 80 CAV-04
.06
.035
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR200_D0.5 21/02/2025 2) TR200_D1 21/02/2025 3) TR200_D2 21/02/2025
River = F.Cavallena Reach = F.Cavallena RS = 75.000*
.06
.035
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR200_D0.5 21/02/2025 2) TR200_D1 21/02/2025 3) TR200_D2 21/02/2025
River = F.Cavallena Reach = F.Cavallena RS = 70 CAV-03
.06
.035
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Strada Plan: 1) TR200_D0.5 21/02/2025 2) TR200_D1 21/02/2025 3) TR200_D2 21/02/2025
River = F.Cavallena Reach = F.Cavallena RS = 50 Culv
.06
.035
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR200_D0.5 21/02/2025 2) TR200_D1 21/02/2025 3) TR200_D2 21/02/2025
River = F.Cavallena Reach = F.Cavallena RS = 10 CAV-02
.06
.035
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR200_D0.5 21/02/2025 2) TR200_D1 21/02/2025 3) TR200_D2 21/02/2025
River = F.Cavallena Reach = F.Cavallena RS = 5.0000*
.047
.047
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR200_D0.5 21/02/2025 2) TR200_D1 21/02/2025 3) TR200_D2 21/02/2025
River = F.Cavallena Reach = F.Cavallena RS = 0 CAV-01
.035
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

ALLEGATI

MODELLAZIONE HEC-RAS 6.3.1 "STRADA"

F. CAVALLENA

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 0.5, 1 e 2 h

Dati idraulici

HEC-RAS River: F.Cavallena Reach: F.Cavallena Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
F.Cavallena	100	Max WS	TR200_D0.5	5.80	405.68	406.07	406.44	408.08	0.261527	6.30	1.10	1.27	0.95	3.77	3.74
F.Cavallena	100	Max WS	TR200_D1	1.50	405.68	406.07	406.07	406.20	0.018339	1.65	0.28	0.33	0.93	3.74	0.99
F.Cavallena	100	Max WS	TR200_D2	1.50	405.68	406.07	406.07	406.20	0.018339	1.65	0.28	0.33	0.93	3.74	0.99
F.Cavallena	99.99			Lat Struct											
F.Cavallena	99.98			Lat Struct											
F.Cavallena	98.571*	Max WS	TR200_D0.5	5.80	403.52	403.98	404.37	405.70	0.214096	5.82	0.19	1.26	1.01	3.58	3.39
F.Cavallena	98.571*	Max WS	TR200_D1	4.10	403.52	403.92	404.26	405.26	0.208102	5.13		0.90	0.81	3.30	3.25
F.Cavallena	98.571*	Max WS	TR200_D2	2.50	403.52	403.85	404.07	404.81	0.210225	4.35		0.34	0.57	2.96	3.13
F.Cavallena	97.143*	Max WS	TR200_D0.5	5.79	401.36	401.84	402.28	403.92	0.270016	6.40		1.22	0.92	3.27	3.77
F.Cavallena	97.143*	Max WS	TR200_D1	4.10	401.36	401.78	402.12	403.44	0.270985	5.72		0.77	0.72	3.00	3.67
F.Cavallena	97.143*	Max WS	TR200_D2	2.50	401.36	401.70	401.96	402.97	0.288330	4.99			0.50	2.60	3.63
F.Cavallena	95.714*	Max WS	TR200_D0.5	5.79	399.20	399.75	400.18	401.48	0.195827	5.83		1.15	1.01	3.23	3.24
F.Cavallena	95.714*	Max WS	TR200_D1	4.10	399.20	399.68	400.00	401.09	0.198217	5.25		0.73	0.78	2.91	3.17
F.Cavallena	95.714*	Max WS	TR200_D2	2.50	399.20	399.60	399.84	400.62	0.196102	4.48			0.56	2.52	3.04
F.Cavallena	94.286*	Max WS	TR200_D0.5	5.79	397.03	397.58	398.02	399.93	0.290719	6.79		1.00	0.86	2.86	3.87
F.Cavallena	94.286*	Max WS	TR200_D1	4.10	397.03	397.52	397.89	399.39	0.287787	6.07		0.38	0.68	2.57	3.75
F.Cavallena	94.286*	Max WS	TR200_D2	2.50	397.03	397.43	397.72	398.83	0.279363	5.23			0.48	2.20	3.58
F.Cavallena	92.857*	Max WS	TR200_D0.5	5.79	394.87	395.52	395.92	397.19	0.171793	5.73		1.00	1.02	2.95	3.02
F.Cavallena	92.857*	Max WS	TR200_D1	4.10	394.87	395.43	395.78	396.84	0.182631	5.26		0.50	0.78	2.59	3.02
F.Cavallena	92.857*	Max WS	TR200_D2	2.50	394.87	395.33	395.60	396.43	0.190720	4.64			0.54	2.18	2.98
F.Cavallena	91.429*	Max WS	TR200_D0.5	5.79	392.71	393.32	393.80	395.89	0.311474	7.10		0.63	0.82	2.51	3.93
F.Cavallena	91.429*	Max WS	TR200_D1	4.10	392.71	393.25	393.66	395.35	0.310602	6.42			0.64	2.22	3.83
F.Cavallena	91.429*	Max WS	TR200_D2	2.50	392.71	393.15	393.47	394.76	0.305411	5.62			0.44	1.87	3.69
F.Cavallena	90	Max WS	TR200_D0.5	5.79	390.55	391.32	391.69	392.65	0.126192	5.10			1.13	2.63	2.48
F.Cavallena	90	Max WS	TR200_D1	4.10	390.55	391.20	391.53	392.45	0.149360	4.96			0.83	2.35	2.67
F.Cavallena	90	Max WS	TR200_D2	2.50	390.55	391.07	391.34	392.11	0.162863	4.51			0.55	1.96	2.71
F.Cavallena	85.000*	Max WS	TR200_D0.5	5.78	389.31	390.00	390.41	391.79	0.191447	5.95		1.28	1.00	2.95	3.13
F.Cavallena	85.000*	Max WS	TR200_D1	4.10	389.31	389.94	390.26	391.19	0.154804	4.96		0.89	0.84	2.75	2.76
F.Cavallena	85.000*	Max WS	TR200_D2	2.50	389.31	389.85	390.09	390.72	0.133084	4.13		0.43	0.61	2.26	2.49
F.Cavallena	80	Max WS	TR200_D0.5	5.78	388.07	388.84	389.15	389.87	0.087417	4.58	0.62	1.41	1.39	3.83	2.20
F.Cavallena	80	Max WS	TR200_D1	4.10	388.07	388.70	389.00	389.85	0.150004	4.80		1.32	0.91	3.13	2.72
F.Cavallena	80	Max WS	TR200_D2	2.50	388.07	388.58	388.83	389.59	0.171845	4.47		1.00	0.58	2.45	2.82
F.Cavallena	75.000*	Max WS	TR200_D0.5	5.78	387.47	388.67	388.83	389.24	0.036886	3.37		0.67	1.76	3.10	1.36
F.Cavallena	75.000*	Max WS	TR200_D1	4.10	387.47	388.38	388.65	389.24	0.083969	4.11			1.00	2.17	1.94
F.Cavallena	75.000*	Max WS	TR200_D2	2.50	387.47	388.18	388.44	389.04	0.116827	4.12			0.61	1.70	2.20
F.Cavallena	70	Max WS	TR200_D0.5	5.78	386.86	388.60		388.86	0.013003	2.29		0.33	2.55	2.99	0.76
F.Cavallena	70	Max WS	TR200_D1	4.10	386.86	388.23		388.57	0.024620	2.60			1.58	2.30	1.00
F.Cavallena	70	Max WS	TR200_D2	2.50	386.86	387.98		388.27	0.026860	2.37			1.05	1.88	1.01
F.Cavallena	50			Culvert											
F.Cavallena	10	Max WS	TR200_D0.5	1.58	369.23	371.99		371.99	0.000002	0.07	0.03	0.03	38.94	20.04	0.01
F.Cavallena	10	Max WS	TR200_D1	1.58	369.23	371.99		371.99	0.000002	0.07	0.03	0.03	38.94	20.04	0.01
F.Cavallena	10	Max WS	TR200_D2	1.58	369.23	371.99		371.99	0.000002	0.07	0.03	0.03	38.94	20.04	0.01
F.Cavallena	9.99			Lat Struct											
F.Cavallena	9.98			Lat Struct											
F.Cavallena	5.0000*	Max WS	TR200_D0.5	-37.24	368.20	371.94		371.96	0.000157	-0.63	-0.39	-0.31	70.09	20.04	0.11
F.Cavallena	5.0000*	Max WS	TR200_D1	-37.24	368.20	371.94		371.96	0.000157	-0.63	-0.39	-0.31	70.09	20.04	0.11
F.Cavallena	5.0000*	Max WS	TR200_D2	-37.24	368.20	371.94		371.96	0.000157	-0.63	-0.39	-0.31	70.09	20.04	0.11
F.Cavallena	0	Max WS	TR200_D0.5	1.50	367.16	371.76	367.27	371.76	0.000000	0.02			91.72	20.04	0.00
F.Cavallena	0	Max WS	TR200_D1	1.50	367.16	371.76	367.27	371.76	0.000000	0.02			91.72	20.04	0.00
F.Cavallena	0	Max WS	TR200_D2	1.50	367.16	371.76	367.27	371.76	0.000000	0.02			91.72	20.04	0.00

ALLEGATI

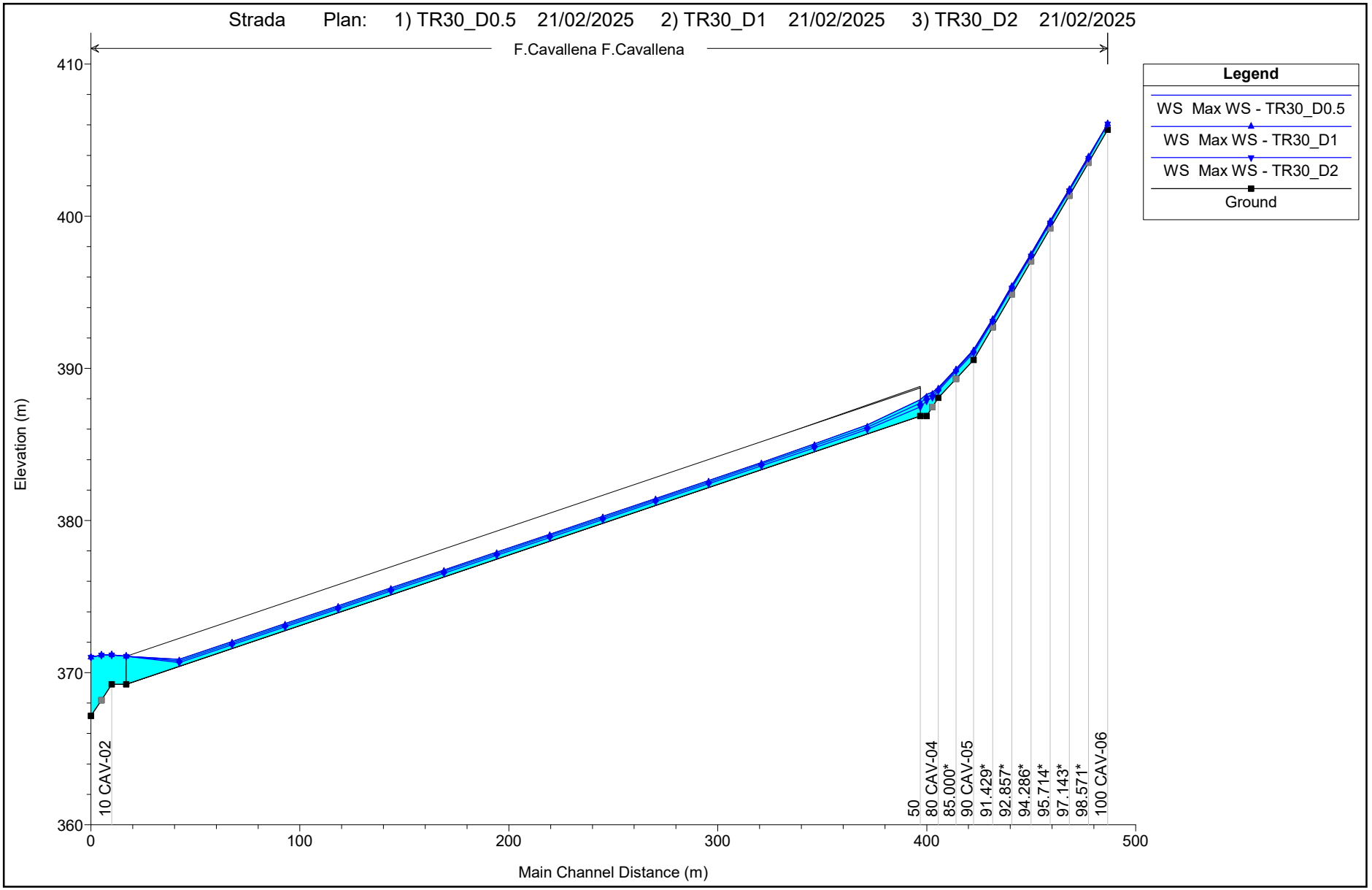
MODELLAZIONE HEC-RAS 6.3.1 "STRADA"

F. CAVALLENA

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 0.5, 1 e 2 h

Profilo longitudinale


Strada Plan: 1) TR30_D0.5 21/02/2025 2) TR30_D1 21/02/2025 3) TR30_D2 21/02/2025
F.Cavallena F.Cavallena
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Elevation (m)
Main Channel Distance (m)
410
400
390
380
370
360
0
100
200
300
400
500
10 CAV-02
50
80 CAV-04
85.000*
90 CAV-05
91.429*
92.857*
94.286*
95.714*
97.143*
98.571*
100 CAV-06

ALLEGATI

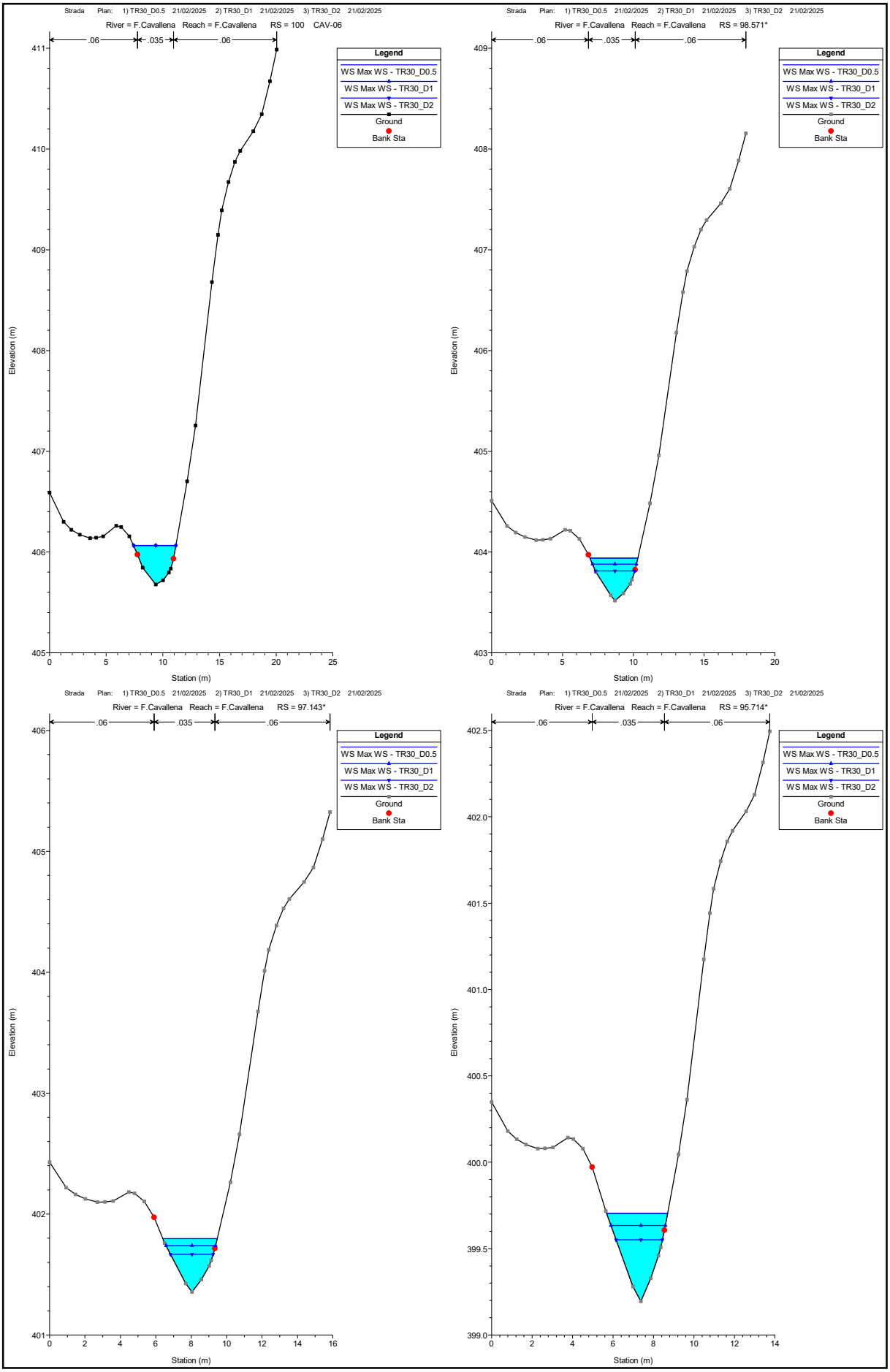
MODELLAZIONE HEC-RAS 6.3.1 "STRADA"

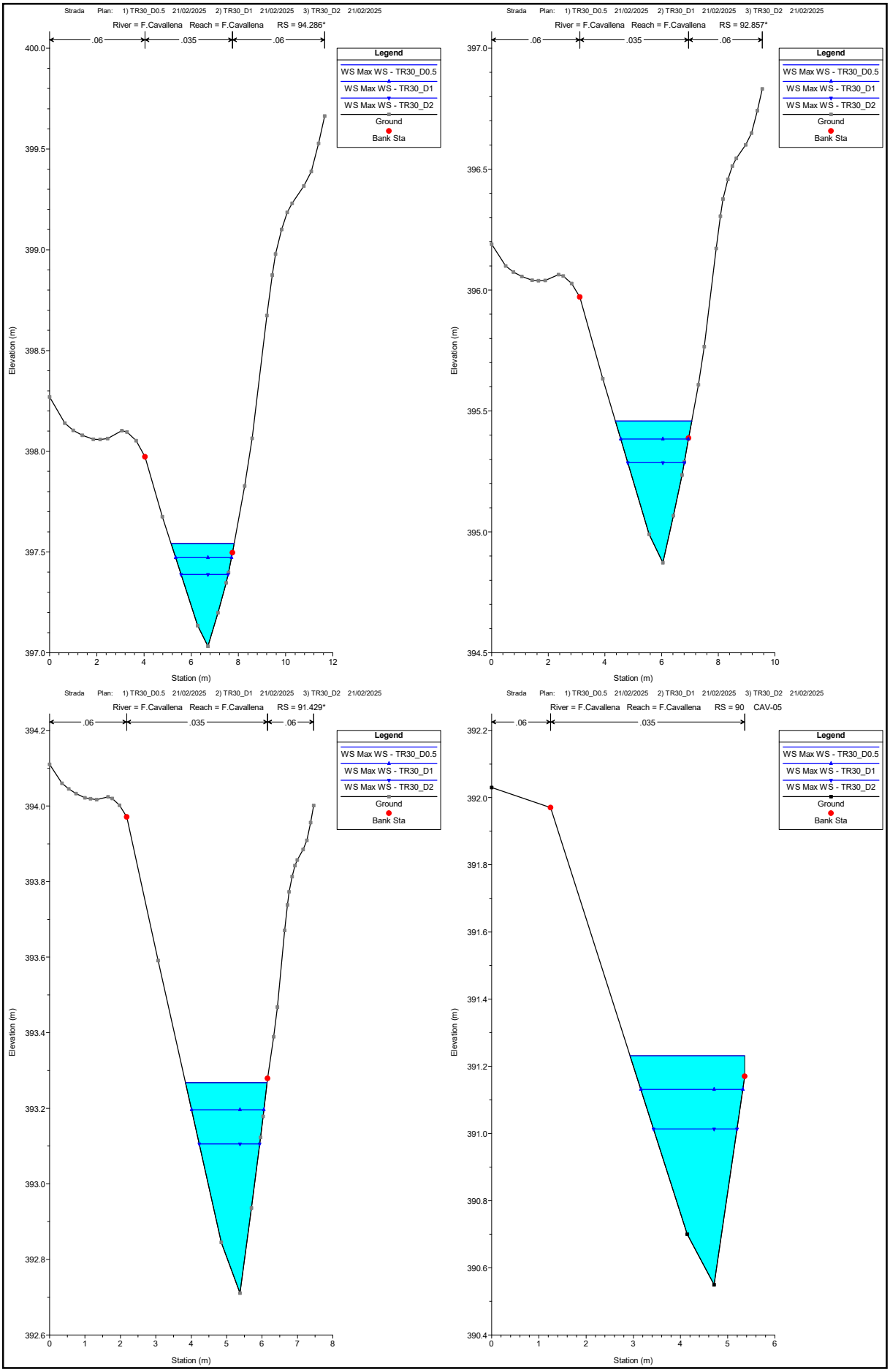
F. CAVALLENA

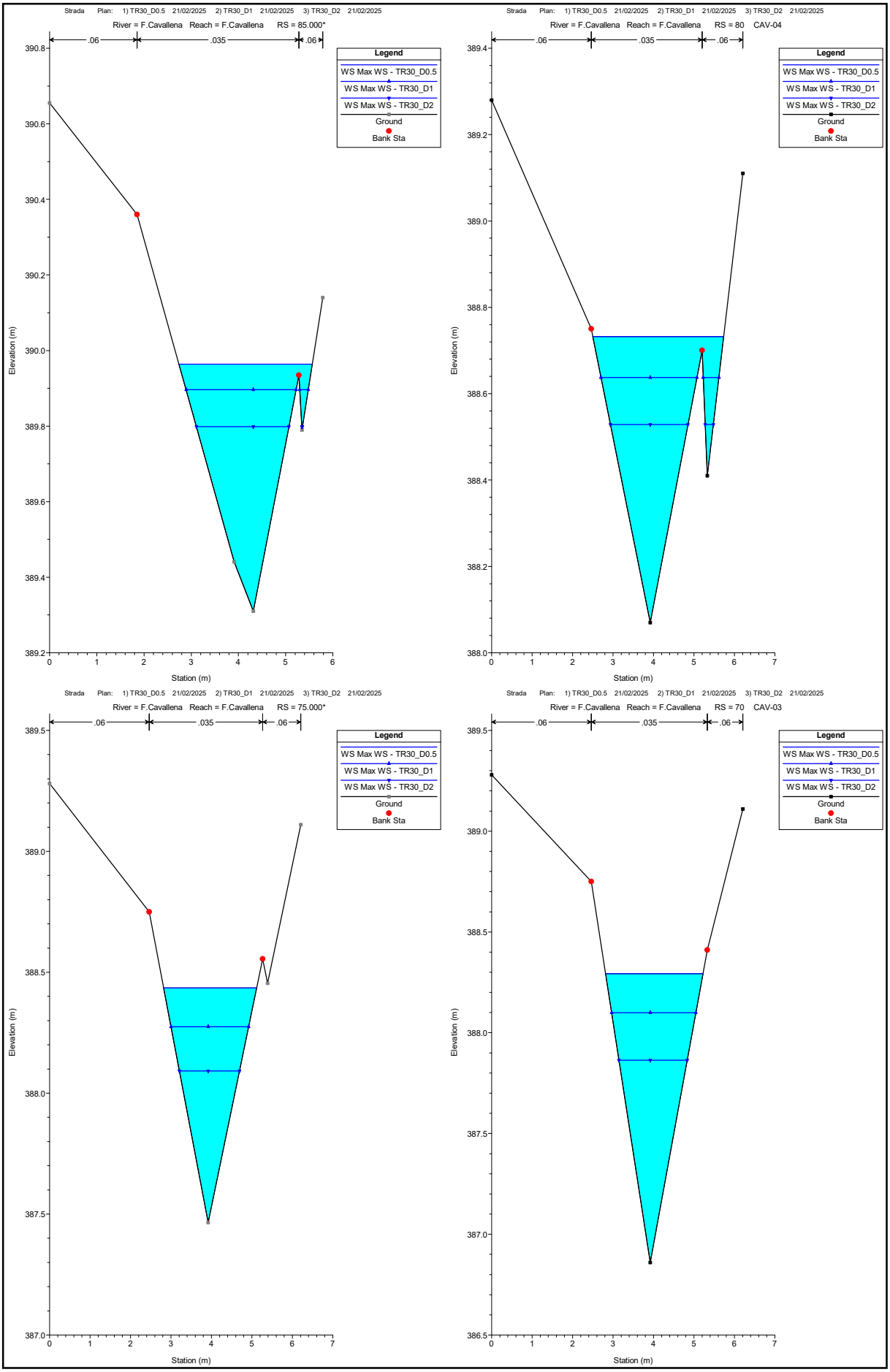
MODELLAZIONE PER TR= 30 anni

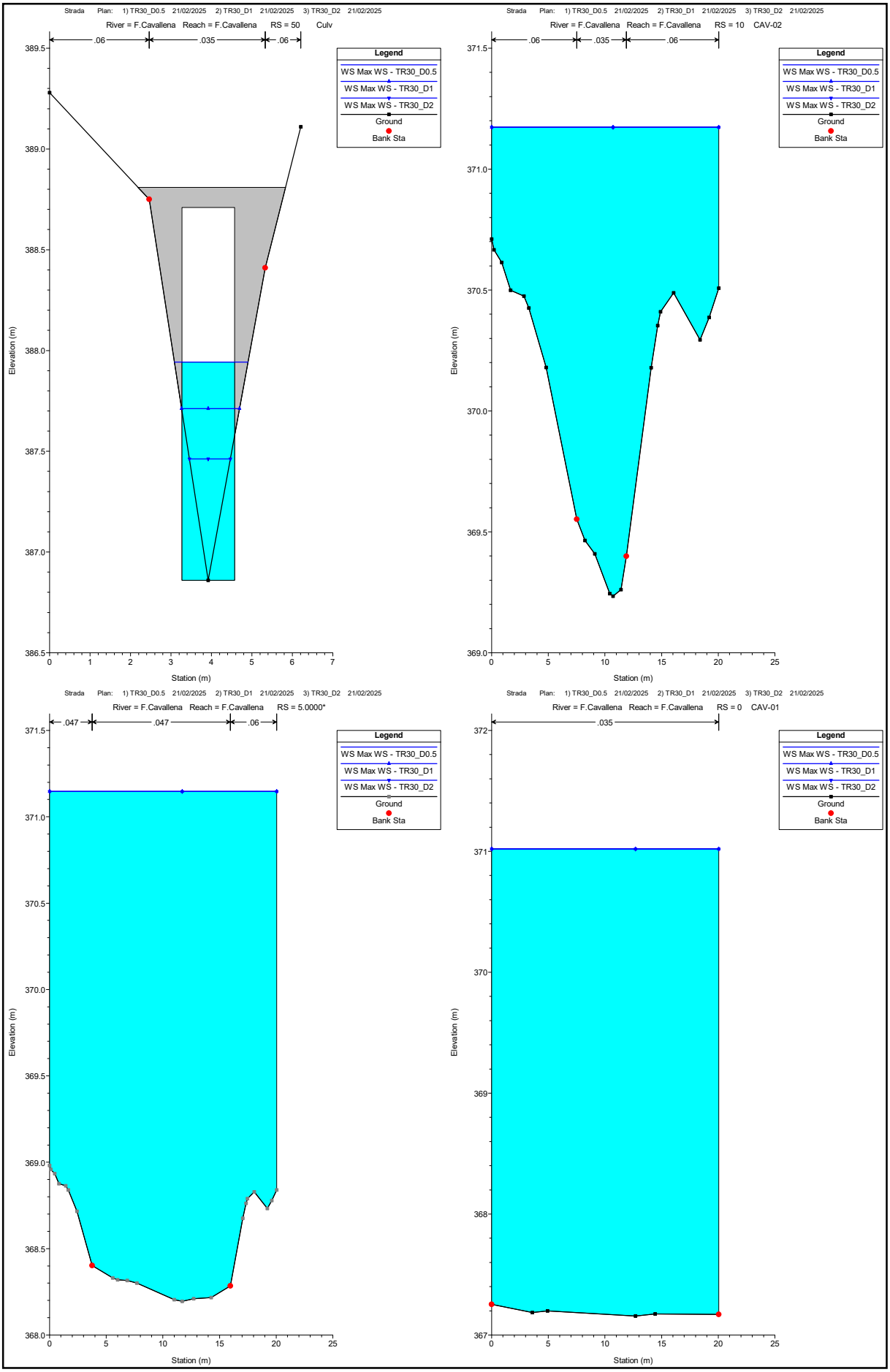
DURATE DI PIOGGIA: 0.5, 1 e 2 h

Sezioni Trasversali (da monte verso valle)


Strada Plan: 1) TR30_D0.5 21/02/2025 2) TR30_D1 21/02/2025 3) TR30_D2 21/02/2025
River = F.Cavallena Reach = F.Cavallena RS = 100 CAV-06
.06 .035 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR30_D0.5 21/02/2025 2) TR30_D1 21/02/2025 3) TR30_D2 21/02/2025
River = F.Cavallena Reach = F.Cavallena RS = 98.571*
.06 .035 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR30_D0.5 21/02/2025 2) TR30_D1 21/02/2025 3) TR30_D2 21/02/2025
River = F.Cavallena Reach = F.Cavallena RS = 97.143*
.06 .035 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR30_D0.5 21/02/2025 2) TR30_D1 21/02/2025 3) TR30_D2 21/02/2025
River = F.Cavallena Reach = F.Cavallena RS = 95.714*
.06 .035 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Strada Plan: 1) TR30_D0.5 21/02/2025 2) TR30_D1 21/02/2025 3) TR30_D2 21/02/2025
River = F.Cavallena Reach = F.Cavallena RS = 94.286*
.06
.035
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR30_D0.5 21/02/2025 2) TR30_D1 21/02/2025 3) TR30_D2 21/02/2025
River = F.Cavallena Reach = F.Cavallena RS = 92.857*
.06
.035
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR30_D0.5 21/02/2025 2) TR30_D1 21/02/2025 3) TR30_D2 21/02/2025
River = F.Cavallena Reach = F.Cavallena RS = 91.429*
.06
.035
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR30_D0.5 21/02/2025 2) TR30_D1 21/02/2025 3) TR30_D2 21/02/2025
River = F.Cavallena Reach = F.Cavallena RS = 90 CAV-05
.06
.035
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Strada Plan: 1) TR30_D0.5 21/02/2025 2) TR30_D1 21/02/2025 3) TR30_D2 21/02/2025
River = F.Cavallena Reach = F.Cavallena RS = 85.000*
.06
.035
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR30_D0.5 21/02/2025 2) TR30_D1 21/02/2025 3) TR30_D2 21/02/2025
River = F.Cavallena Reach = F.Cavallena RS = 80 CAV-04
.06
.035
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR30_D0.5 21/02/2025 2) TR30_D1 21/02/2025 3) TR30_D2 21/02/2025
River = F.Cavallena Reach = F.Cavallena RS = 75.000*
.06
.035
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR30_D0.5 21/02/2025 2) TR30_D1 21/02/2025 3) TR30_D2 21/02/2025
River = F.Cavallena Reach = F.Cavallena RS = 70 CAV-03
.06
.035
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Strada Plan: 1) TR30_D0.5 21/02/2025 2) TR30_D1 21/02/2025 3) TR30_D2 21/02/2025
River = F.Cavallena Reach = F.Cavallena RS = 50 Culv
.06
.035
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR30_D0.5 21/02/2025 2) TR30_D1 21/02/2025 3) TR30_D2 21/02/2025
River = F.Cavallena Reach = F.Cavallena RS = 10 CAV-02
.06
.035
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR30_D0.5 21/02/2025 2) TR30_D1 21/02/2025 3) TR30_D2 21/02/2025
River = F.Cavallena Reach = F.Cavallena RS = 5.0000*
.047
.047
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR30_D0.5 21/02/2025 2) TR30_D1 21/02/2025 3) TR30_D2 21/02/2025
River = F.Cavallena Reach = F.Cavallena RS = 0 CAV-01
.035
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

ALLEGATI

MODELLAZIONE HEC-RAS 6.3.1 "STRADA"

F. CAVALLENA

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 0.5, 1 e 2 h

Dati idraulici

HEC-RAS River: F.Cavallena Reach: F.Cavallena Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
F.Cavallena	100	Max WS	TR30_D0.5	1.50	405.68	406.07	406.07	406.20	0.018339	1.65	0.28	0.33	0.93	3.74	0.99
F.Cavallena	100	Max WS	TR30_D1	1.50	405.68	406.07	406.07	406.20	0.018339	1.65	0.28	0.33	0.93	3.74	0.99
F.Cavallena	100	Max WS	TR30_D2	1.50	405.68	406.07	406.07	406.20	0.018339	1.65	0.28	0.33	0.93	3.74	0.99
F.Cavallena	99.99			Lat Struct											
F.Cavallena	99.98			Lat Struct											
F.Cavallena	98.571*	Max WS	TR30_D0.5	4.60	403.52	403.94	404.30	405.38	0.208185	5.32		1.02	0.87	3.39	3.28
F.Cavallena	98.571*	Max WS	TR30_D1	3.20	403.52	403.88	404.16	405.04	0.215044	4.77		0.63	0.67	3.11	3.23
F.Cavallena	98.571*	Max WS	TR30_D2	1.90	403.52	403.81	404.00	404.64	0.218045	4.02			0.47	2.78	3.12
F.Cavallena	97.143*	Max WS	TR30_D0.5	4.59	401.36	401.80	402.20	403.60	0.272060	5.94		0.92	0.78	3.08	3.71
F.Cavallena	97.143*	Max WS	TR30_D1	3.20	401.36	401.74	402.03	403.17	0.276116	5.30		0.39	0.60	2.81	3.63
F.Cavallena	97.143*	Max WS	TR30_D2	1.90	401.36	401.67	401.89	402.72	0.273907	4.54			0.42	2.41	3.49
F.Cavallena	95.714*	Max WS	TR30_D0.5	4.59	399.20	399.70	400.04	401.20	0.195099	5.41		0.88	0.85	3.02	3.18
F.Cavallena	95.714*	Max WS	TR30_D1	3.20	399.20	399.63	399.92	400.86	0.204441	4.90		0.38	0.65	2.69	3.16
F.Cavallena	95.714*	Max WS	TR30_D2	1.90	399.20	399.55	399.77	400.47	0.208590	4.25			0.45	2.29	3.07
F.Cavallena	94.286*	Max WS	TR30_D0.5	4.59	397.03	397.54	397.94	399.52	0.278999	6.22		0.62	0.74	2.67	3.73
F.Cavallena	94.286*	Max WS	TR30_D1	3.20	397.03	397.47	397.80	399.11	0.292081	5.67			0.56	2.37	3.71
F.Cavallena	94.286*	Max WS	TR30_D2	1.90	397.03	397.39	397.64	398.65	0.298817	4.98			0.38	1.99	3.63
F.Cavallena	92.857*	Max WS	TR30_D0.5	4.59	394.87	395.46	395.82	396.96	0.179834	5.42		0.68	0.85	2.70	3.03
F.Cavallena	92.857*	Max WS	TR30_D1	3.20	394.87	395.38	395.68	396.59	0.181576	4.86			0.66	2.39	2.95
F.Cavallena	92.857*	Max WS	TR30_D2	1.90	394.87	395.29	395.52	396.21	0.184608	4.27			0.45	2.00	2.89
F.Cavallena	91.429*	Max WS	TR30_D0.5	4.59	392.71	393.27	393.70	395.52	0.315701	6.65			0.69	2.30	3.88
F.Cavallena	91.429*	Max WS	TR30_D1	3.20	392.71	393.20	393.56	395.03	0.306080	5.99			0.53	2.04	3.74
F.Cavallena	91.429*	Max WS	TR30_D2	1.90	392.71	393.11	393.39	394.50	0.302572	5.22			0.36	1.71	3.61
F.Cavallena	90	Max WS	TR30_D0.5	4.59	390.55	391.23	391.58	392.53	0.144721	5.05			0.91	2.43	2.64
F.Cavallena	90	Max WS	TR30_D1	3.20	390.55	391.13	391.43	392.27	0.156507	4.73			0.68	2.16	2.70
F.Cavallena	90	Max WS	TR30_D2	1.90	390.55	391.01	391.25	391.94	0.169323	4.26			0.45	1.77	2.71
F.Cavallena	85.000*	Max WS	TR30_D0.5	4.59	389.31	389.96	390.31	391.35	0.162136	5.22		1.01	0.90	2.82	2.84
F.Cavallena	85.000*	Max WS	TR30_D1	3.20	389.31	389.90	390.17	390.93	0.142224	4.51		0.65	0.72	2.51	2.61
F.Cavallena	85.000*	Max WS	TR30_D2	1.90	389.31	389.80	390.01	390.54	0.128783	3.81		0.12	0.50	1.97	2.41
F.Cavallena	80	Max WS	TR30_D0.5	4.59	388.07	388.73	389.04	389.91	0.141204	4.87		1.40	1.00	3.24	2.67
F.Cavallena	80	Max WS	TR30_D1	3.20	388.07	388.64	388.91	389.74	0.164736	4.67		1.17	0.72	2.76	2.80
F.Cavallena	80	Max WS	TR30_D2	1.90	388.07	388.53	388.76	389.47	0.185717	4.30		0.80	0.45	2.12	2.87
F.Cavallena	75.000*	Max WS	TR30_D0.5	4.58	387.47	388.44	388.71	389.30	0.077717	4.11			1.12	2.30	1.88
F.Cavallena	75.000*	Max WS	TR30_D1	3.20	387.47	388.27	388.55	389.14	0.099314	4.12			0.78	1.92	2.07
F.Cavallena	75.000*	Max WS	TR30_D2	1.90	387.47	388.09	388.34	388.94	0.137020	4.08			0.47	1.49	2.33
F.Cavallena	70	Max WS	TR30_D0.5	4.58	386.86	388.29		388.65	0.024223	2.65			1.73	2.41	1.00
F.Cavallena	70	Max WS	TR30_D1	3.20	386.86	388.10		388.41	0.025595	2.48			1.29	2.08	1.00
F.Cavallena	70	Max WS	TR30_D2	1.90	386.86	387.86		388.12	0.027773	2.24			0.85	1.69	1.01
F.Cavallena	50			Culvert											
F.Cavallena	10	Max WS	TR30_D0.5	1.52	369.23	371.17		371.17	0.000008	0.12	0.04	0.04	22.56	20.04	0.03
F.Cavallena	10	Max WS	TR30_D1	1.52	369.23	371.17		371.17	0.000008	0.12	0.04	0.04	22.56	20.04	0.03
F.Cavallena	10	Max WS	TR30_D2	1.52	369.23	371.17		371.17	0.000008	0.12	0.04	0.04	22.56	20.04	0.03
F.Cavallena	9.99			Lat Struct											
F.Cavallena	9.98			Lat Struct											
F.Cavallena	5.0000*	Max WS	TR30_D0.5	-19.96	368.20	371.15		371.15	0.000101	-0.43	-0.28	-0.22	54.11	20.04	0.08
F.Cavallena	5.0000*	Max WS	TR30_D1	-19.96	368.20	371.15		371.15	0.000101	-0.43	-0.28	-0.22	54.11	20.04	0.08
F.Cavallena	5.0000*	Max WS	TR30_D2	-19.96	368.20	371.15		371.15	0.000101	-0.43	-0.28	-0.22	54.11	20.04	0.08
F.Cavallena	0	Max WS	TR30_D0.5	1.50	367.16	371.02	367.27	371.02	0.000000	0.02			76.88	20.04	0.00
F.Cavallena	0	Max WS	TR30_D1	1.50	367.16	371.02	367.27	371.02	0.000000	0.02			76.88	20.04	0.00
F.Cavallena	0	Max WS	TR30_D2	1.50	367.16	371.02	367.27	371.02	0.000000	0.02			76.88	20.04	0.00

ALLEGATI

MODELLAZIONE HEC-RAS 6.3.1 "STRADA"

RIO AFRICO

MODELLAZIONE PER TR=30 e 200 ANNI

DURATA DI PIOGGIA: 0.5, 1 e 2 h

Profilo longitudinale

Sezioni Trasversali

Dati idraulici

ALLEGATI

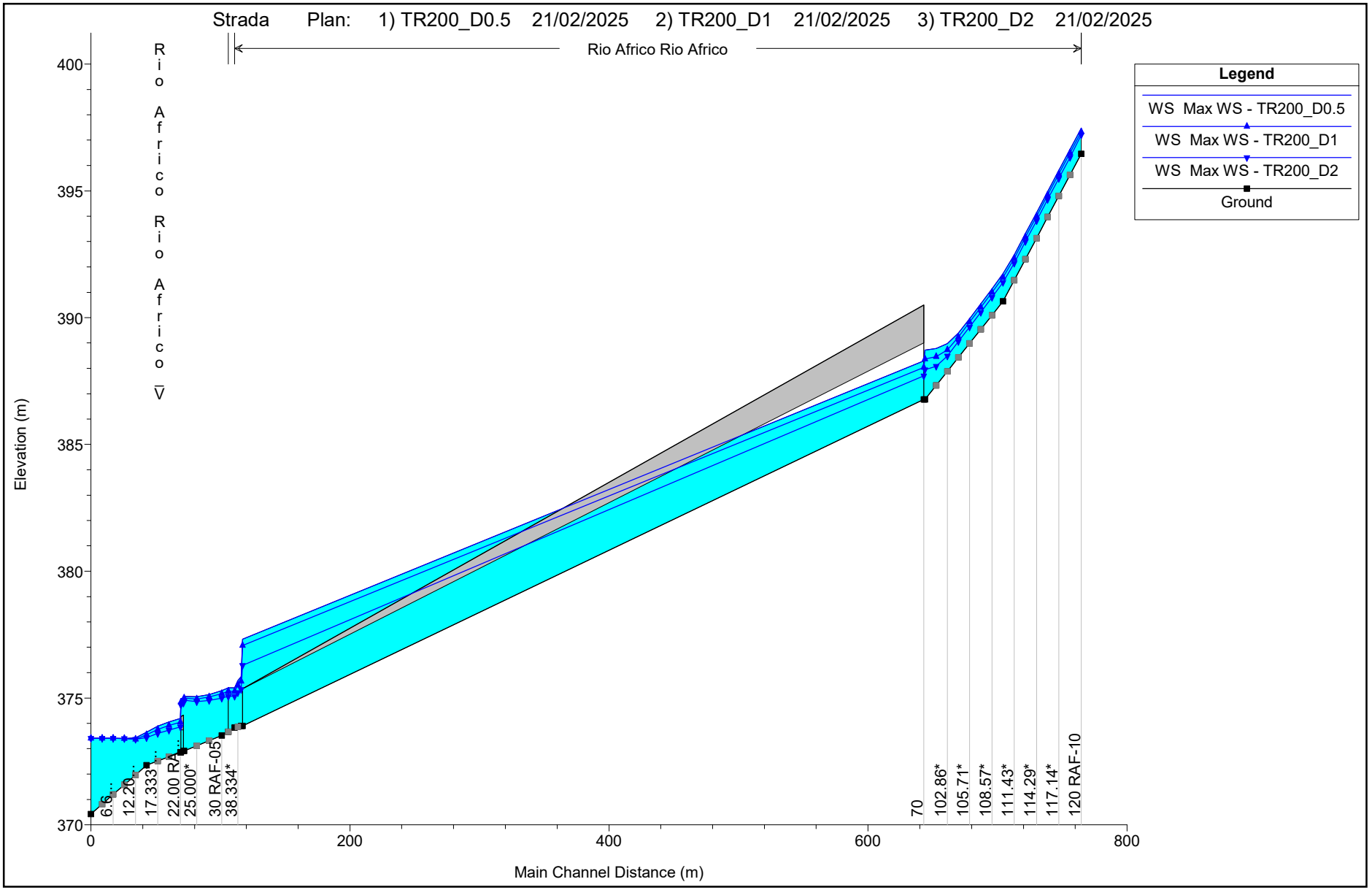
MODELLAZIONE HEC-RAS 6.3.1 "STRADA"

RIO AFRICO

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 0.5, 1 e 2 h

Profilo longitudinale


Strada
Plan: 1) TR200_D0.5 21/02/2025 2) TR200_D1 21/02/2025 3) TR200_D2 21/02/2025
Rio Africo Rio Africo
Rio Africo Rio Africo V
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Elevation (m)
Main Channel Distance (m)
400
395
390
385
380
375
370
0
200
400
600
800
6.6...
12.20...
17.333...
22.00 RA...
25.000*
30 RAF-05
38.334*
70
102.86*
105.71*
108.57*
111.43*
114.29*
117.14*
120 RAF-10

ALLEGATI

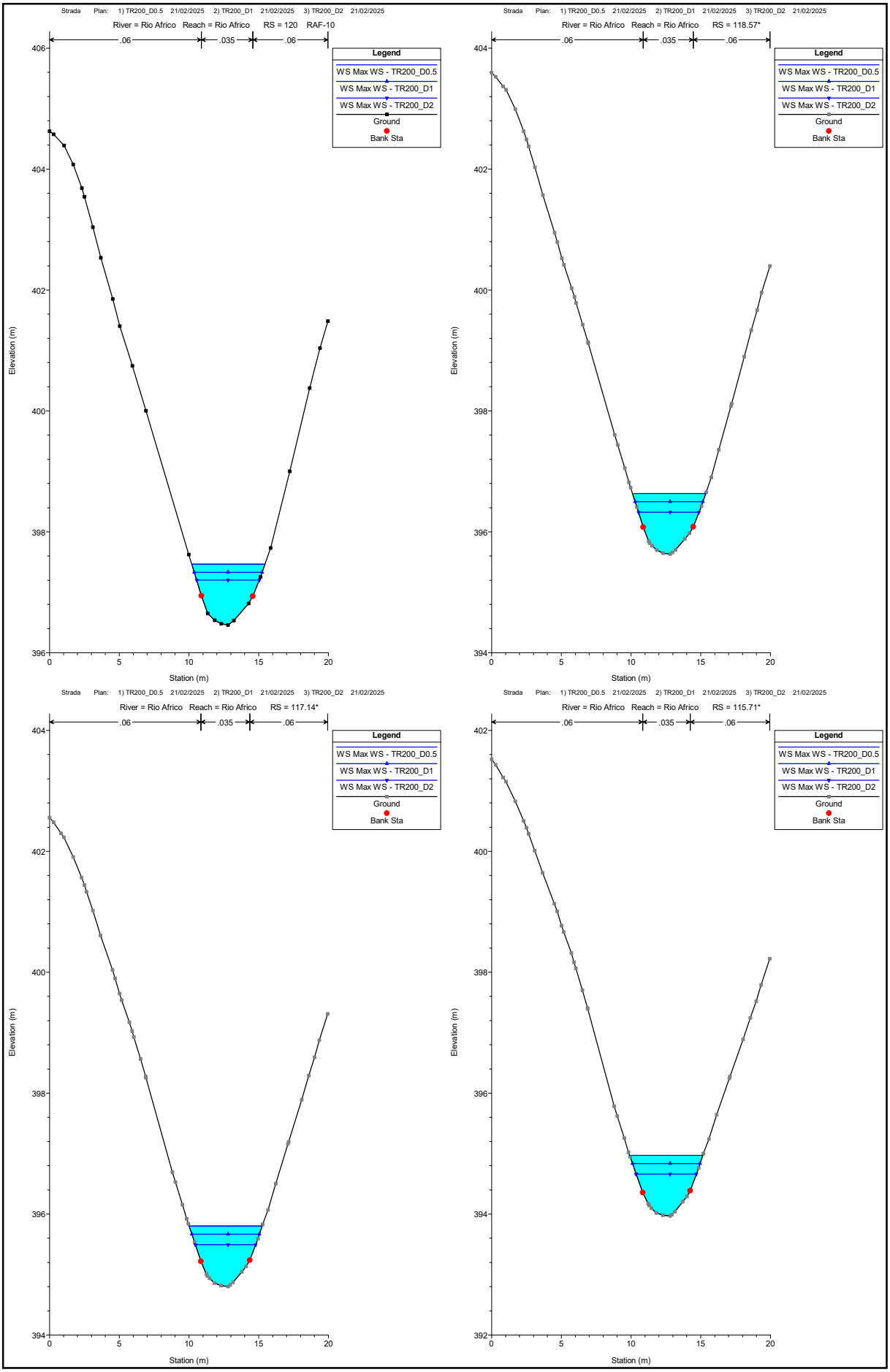
MODELLAZIONE HEC-RAS 6.3.1 "STRADA"

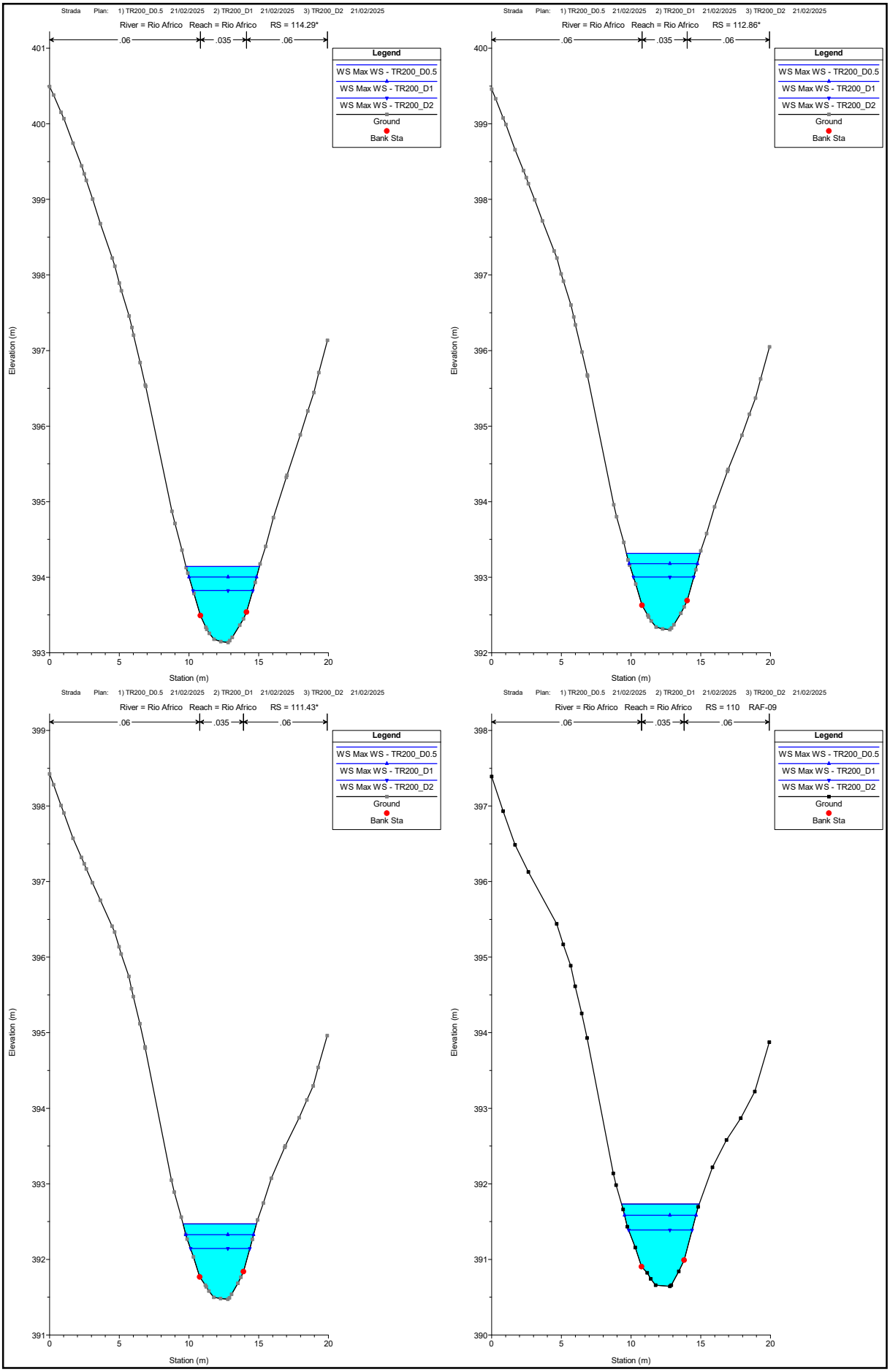
RIO AFRICO

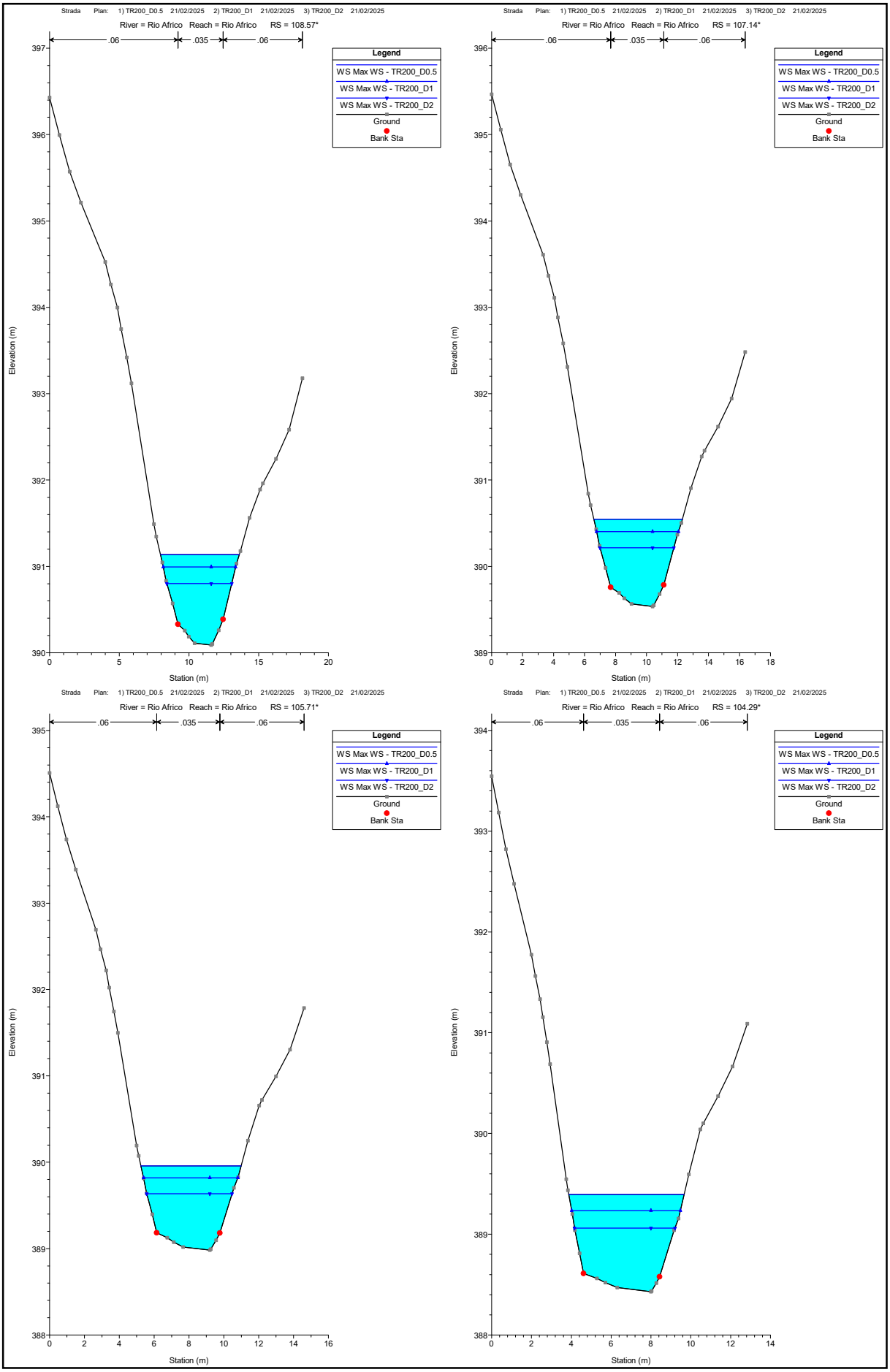
MODELLAZIONE PER TR= 200 anni

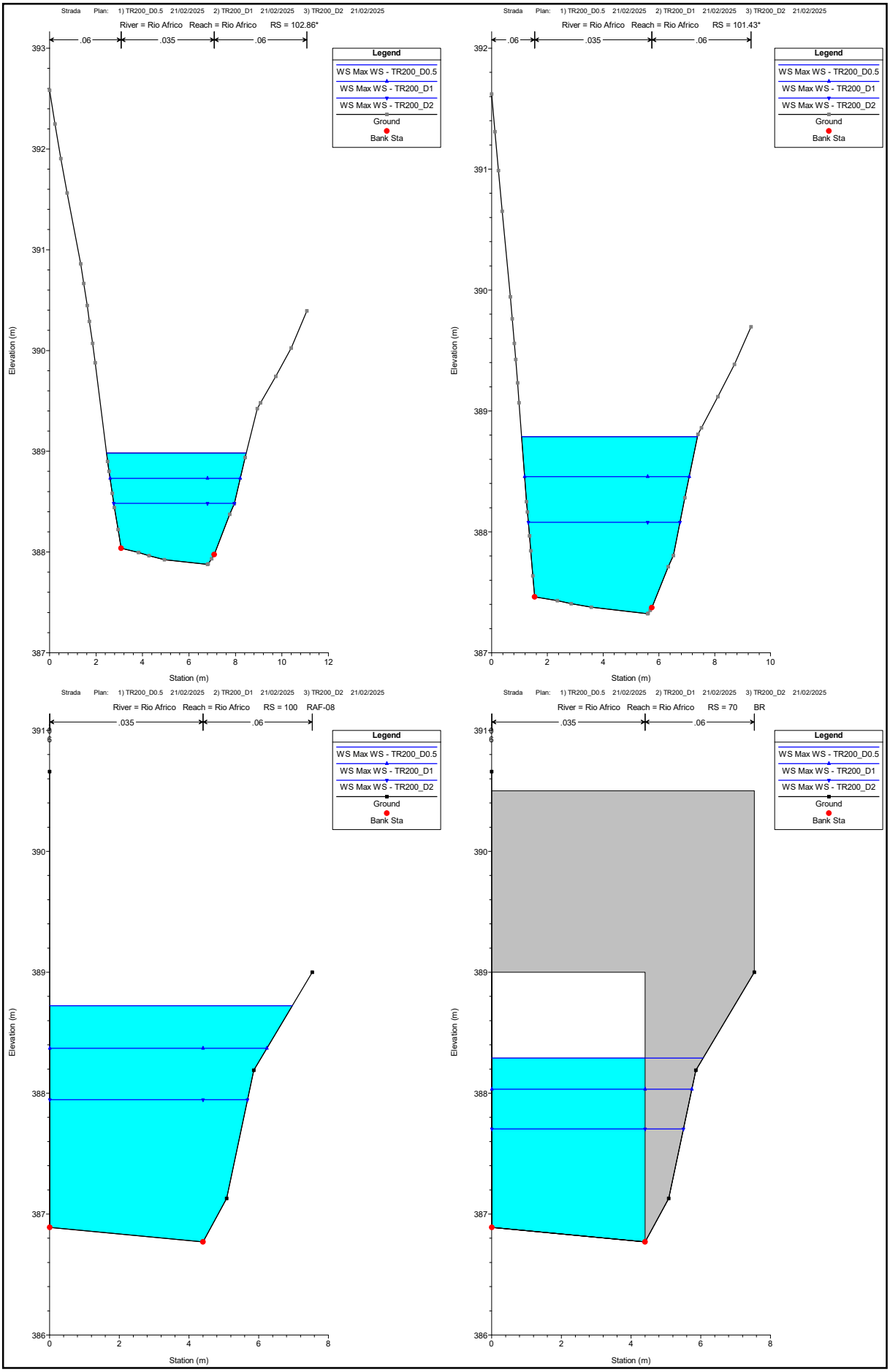
DURATE DI PIOGGIA: 0.5, 1 e 2 h

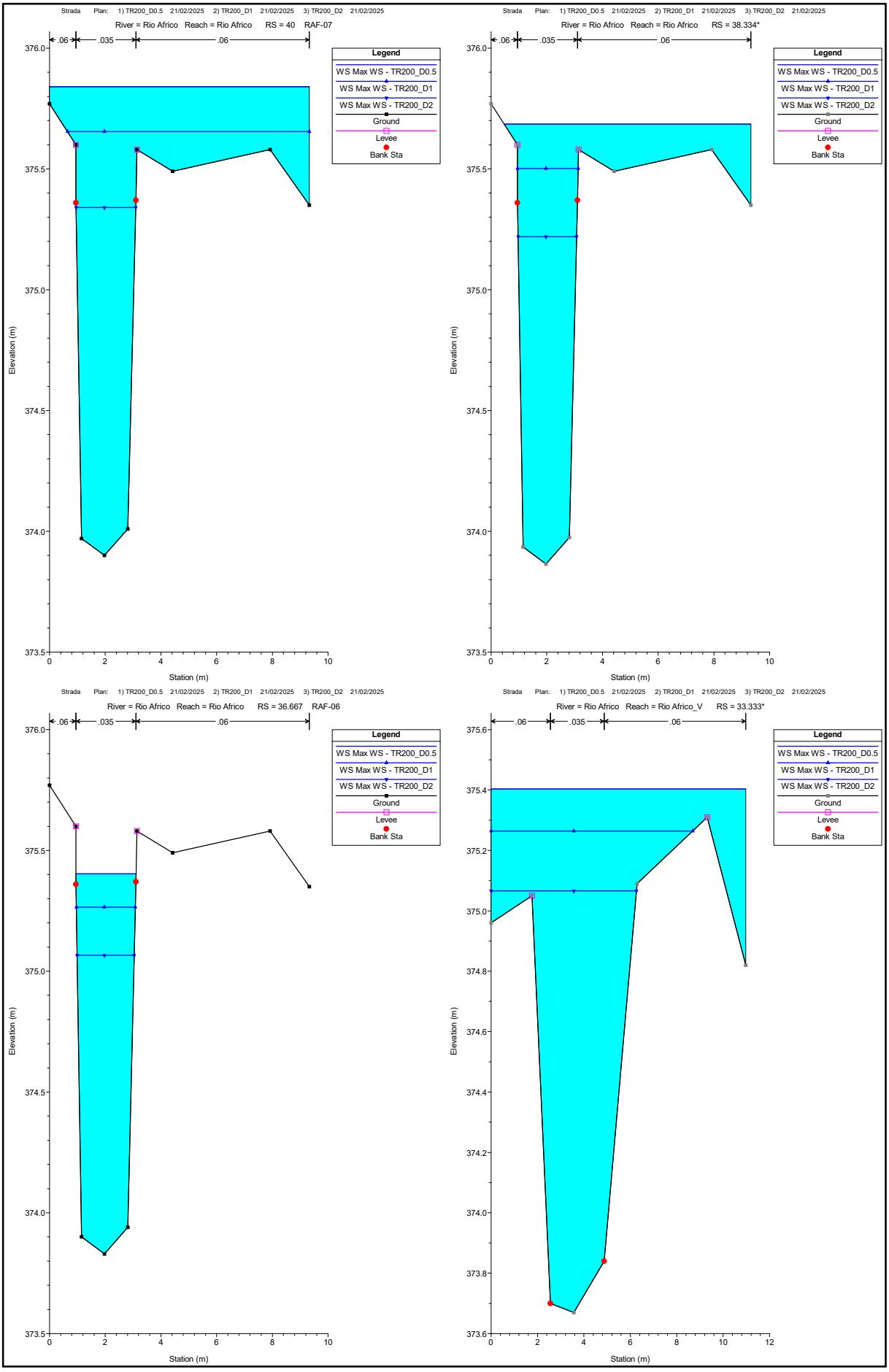
Sezioni Trasversali (da monte verso valle)

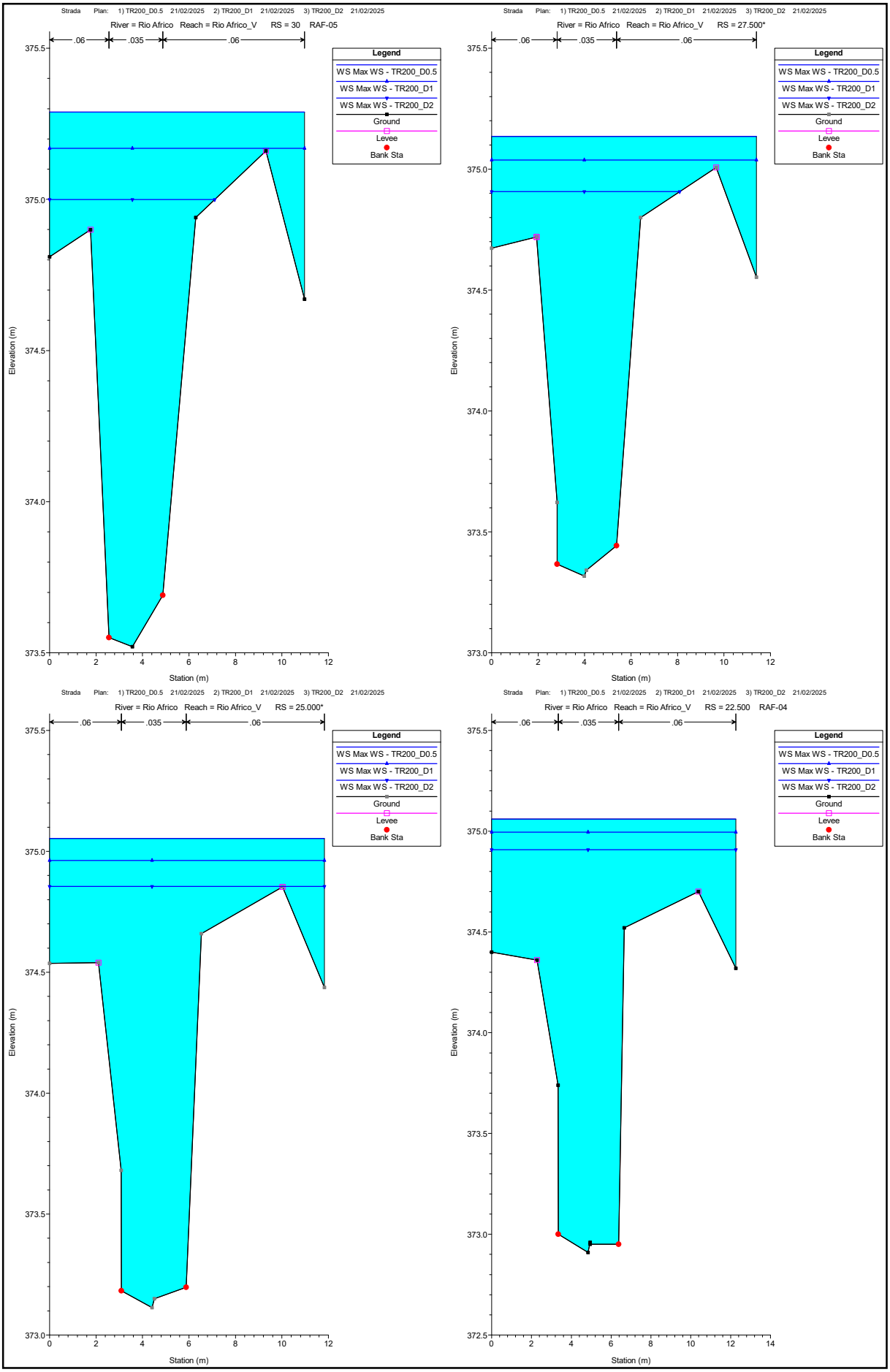

Strada Plan: 1) TR200_D0.5 21/02/2025 2) TR200_D1 21/02/2025 3) TR200_D2 21/02/2025
River = Rio Africo Reach = Rio Africo RS = 120 RAF-10
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR200_D0.5 21/02/2025 2) TR200_D1 21/02/2025 3) TR200_D2 21/02/2025
River = Rio Africo Reach = Rio Africo RS = 118.57*
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR200_D0.5 21/02/2025 2) TR200_D1 21/02/2025 3) TR200_D2 21/02/2025
River = Rio Africo Reach = Rio Africo RS = 117.14*
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR200_D0.5 21/02/2025 2) TR200_D1 21/02/2025 3) TR200_D2 21/02/2025
River = Rio Africo Reach = Rio Africo RS = 115.71*
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

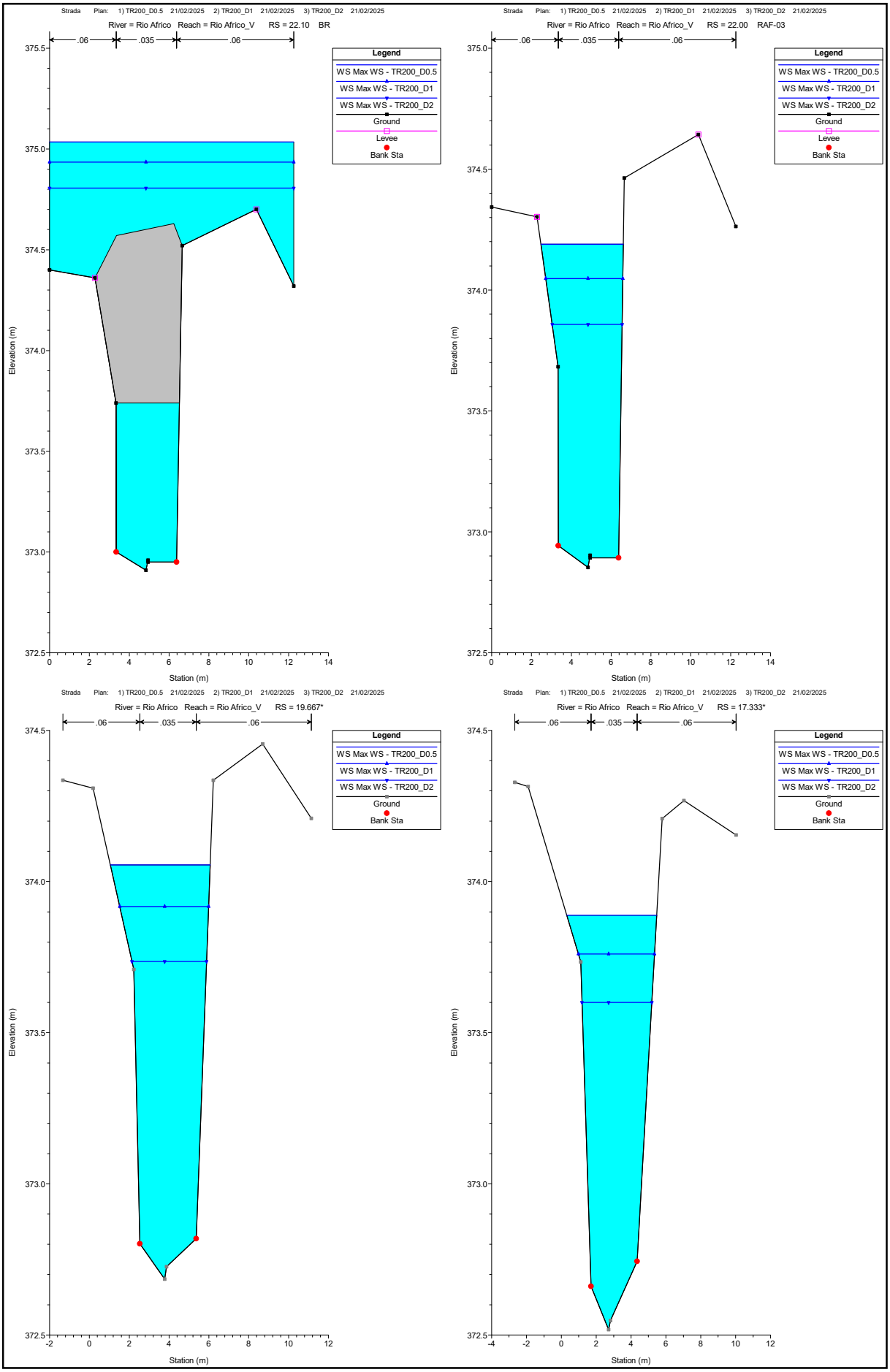

Strada Plan: 1) TR200_D0.5 21/02/2025 2) TR200_D1 21/02/2025 3) TR200_D2 21/02/2025
River = Rio Africo Reach = Rio Africo RS = 114.29*
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR200_D0.5 21/02/2025 2) TR200_D1 21/02/2025 3) TR200_D2 21/02/2025
River = Rio Africo Reach = Rio Africo RS = 112.86*
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR200_D0.5 21/02/2025 2) TR200_D1 21/02/2025 3) TR200_D2 21/02/2025
River = Rio Africo Reach = Rio Africo RS = 111.43*
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR200_D0.5 21/02/2025 2) TR200_D1 21/02/2025 3) TR200_D2 21/02/2025
River = Rio Africo Reach = Rio Africo RS = 110 RAF-09
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

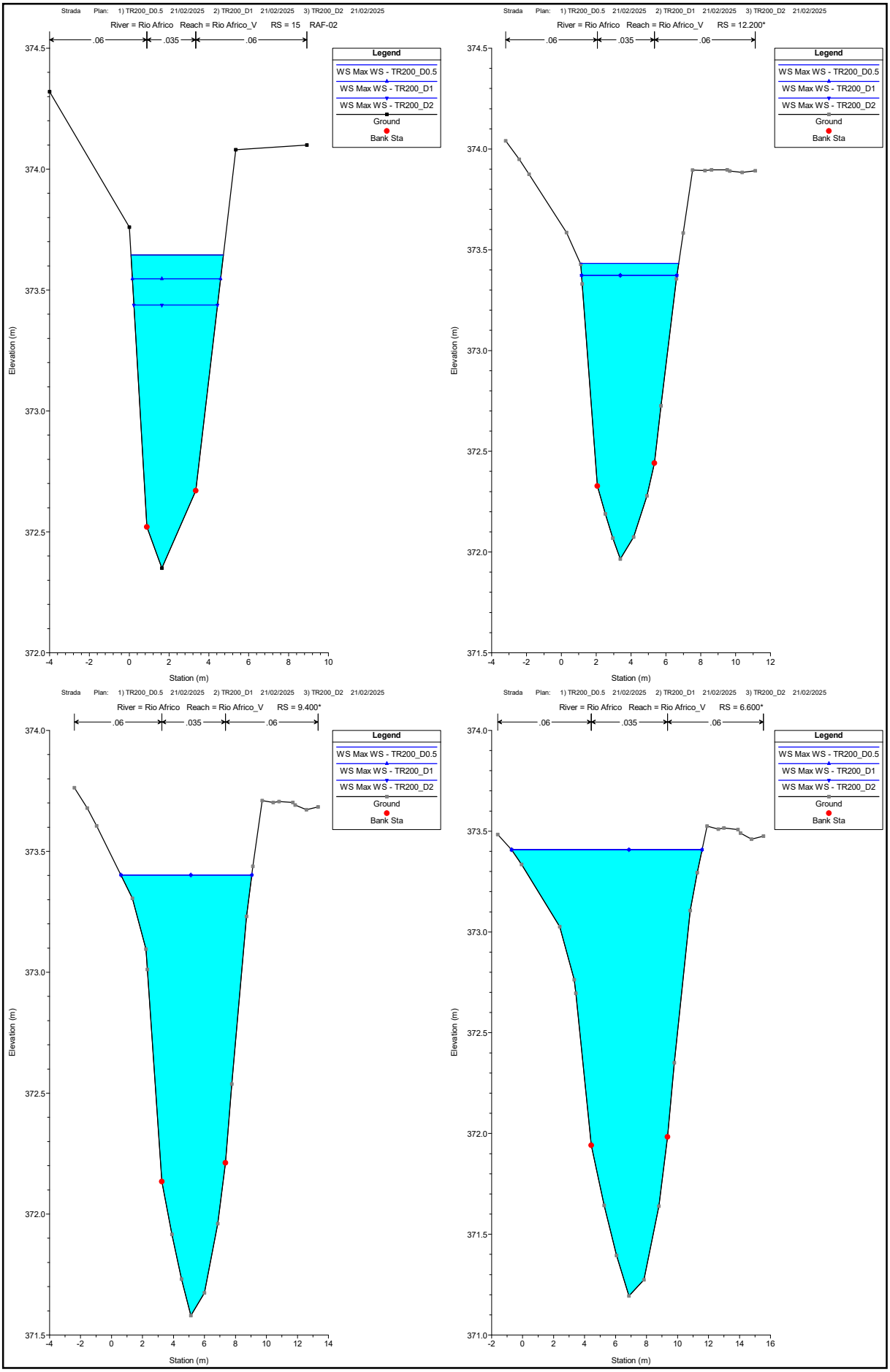

Strada Plan: 1) TR200_D0.5 21/02/2025 2) TR200_D1 21/02/2025 3) TR200_D2 21/02/2025
River = Rio Africo Reach = Rio Africo RS = 108.57*
.06
.035
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR200_D0.5 21/02/2025 2) TR200_D1 21/02/2025 3) TR200_D2 21/02/2025
River = Rio Africo Reach = Rio Africo RS = 107.14*
.06
.035
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR200_D0.5 21/02/2025 2) TR200_D1 21/02/2025 3) TR200_D2 21/02/2025
River = Rio Africo Reach = Rio Africo RS = 105.71*
.06
.035
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR200_D0.5 21/02/2025 2) TR200_D1 21/02/2025 3) TR200_D2 21/02/2025
River = Rio Africo Reach = Rio Africo RS = 104.29*
.06
.035
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

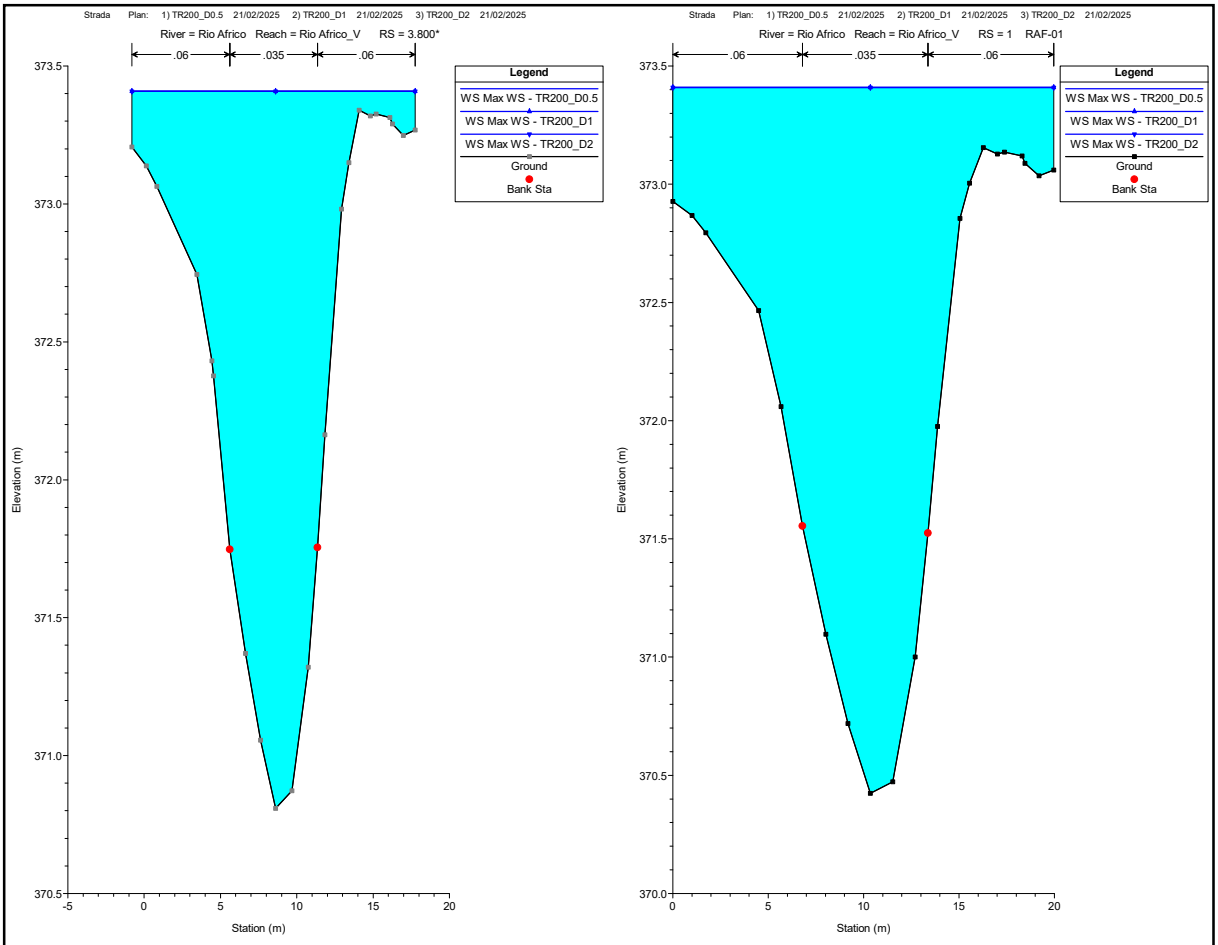

Strada Plan: 1) TR200_D0.5 21/02/2025 2) TR200_D1 21/02/2025 3) TR200_D2 21/02/2025
River = Rio Africo Reach = Rio Africo RS = 102.86*
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR200_D0.5 21/02/2025 2) TR200_D1 21/02/2025 3) TR200_D2 21/02/2025
River = Rio Africo Reach = Rio Africo RS = 101.43*
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR200_D0.5 21/02/2025 2) TR200_D1 21/02/2025 3) TR200_D2 21/02/2025
River = Rio Africo Reach = Rio Africo RS = 100 RAF-08
.035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR200_D0.5 21/02/2025 2) TR200_D1 21/02/2025 3) TR200_D2 21/02/2025
River = Rio Africo Reach = Rio Africo RS = 70 BR
.035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Strada Plan: 1) TR200_D0.5 21/02/2025 2) TR200_D1 21/02/2025 3) TR200_D2 21/02/2025
River = Rio Africo Reach = Rio Africo RS = 40 RAF-07
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR200_D0.5 21/02/2025 2) TR200_D1 21/02/2025 3) TR200_D2 21/02/2025
River = Rio Africo Reach = Rio Africo RS = 38.334*
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR200_D0.5 21/02/2025 2) TR200_D1 21/02/2025 3) TR200_D2 21/02/2025
River = Rio Africo Reach = Rio Africo RS = 36.667 RAF-06
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR200_D0.5 21/02/2025 2) TR200_D1 21/02/2025 3) TR200_D2 21/02/2025
River = Rio Africo Reach = Rio Africo_V RS = 33.333*
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)


Strada Plan: 1) TR200_D0.5 21/02/2025 2) TR200_D1 21/02/2025 3) TR200_D2 21/02/2025
River = Rio Africo Reach = Rio Africo_V RS = 30 RAF-05
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR200_D0.5 21/02/2025 2) TR200_D1 21/02/2025 3) TR200_D2 21/02/2025
River = Rio Africo Reach = Rio Africo_V RS = 27.500*
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR200_D0.5 21/02/2025 2) TR200_D1 21/02/2025 3) TR200_D2 21/02/2025
River = Rio Africo Reach = Rio Africo_V RS = 25.000*
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR200_D0.5 21/02/2025 2) TR200_D1 21/02/2025 3) TR200_D2 21/02/2025
River = Rio Africo Reach = Rio Africo_V RS = 22.500 RAF-04
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)


Strada Plan: 1) TR200_D0.5 21/02/2025 2) TR200_D1 21/02/2025 3) TR200_D2 21/02/2025
River = Rio Africo Reach = Rio Africo_V RS = 22.10 BR
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR200_D0.5 21/02/2025 2) TR200_D1 21/02/2025 3) TR200_D2 21/02/2025
River = Rio Africo Reach = Rio Africo_V RS = 22.00 RAF-03
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR200_D0.5 21/02/2025 2) TR200_D1 21/02/2025 3) TR200_D2 21/02/2025
River = Rio Africo Reach = Rio Africo_V RS = 19.667*
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR200_D0.5 21/02/2025 2) TR200_D1 21/02/2025 3) TR200_D2 21/02/2025
River = Rio Africo Reach = Rio Africo_V RS = 17.333*
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Strada Plan: 1) TR200_D0.5 21/02/2025 2) TR200_D1 21/02/2025 3) TR200_D2 21/02/2025
River = Rio Africo Reach = Rio Africo_V RS = 15 RAF-02
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR200_D0.5 21/02/2025 2) TR200_D1 21/02/2025 3) TR200_D2 21/02/2025
River = Rio Africo Reach = Rio Africo_V RS = 12.200*
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR200_D0.5 21/02/2025 2) TR200_D1 21/02/2025 3) TR200_D2 21/02/2025
River = Rio Africo Reach = Rio Africo_V RS = 9.400*
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR200_D0.5 21/02/2025 2) TR200_D1 21/02/2025 3) TR200_D2 21/02/2025
River = Rio Africo Reach = Rio Africo_V RS = 6.600*
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Strada Plan: 1) TR200_D0.5 21/02/2025 2) TR200_D1 21/02/2025 3) TR200_D2 21/02/2025
River = Rio Africo Reach = Rio Africo_V RS = 3.800*
.06
.035
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR200_D0.5 21/02/2025 2) TR200_D1 21/02/2025 3) TR200_D2 21/02/2025
River = Rio Africo Reach = Rio Africo_V RS = 1 RAF-01
.06
.035
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

ALLEGATI

MODELLAZIONE HEC-RAS 6.3.1 "STRADA"

RIO AFRICO

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 0.5, 1 e 2 h

Dati idraulici

HEC-RAS Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Rio Africo	120	Max WS	TR200_D0.5	24.40	396.46	397.46	398.21	400.36	0.096633	7.66	1.82	1.97	3.50	5.25	2.67
Rio Africo	120	Max WS	TR200_D1	18.10	396.46	397.33	397.95	399.67	0.097135	6.84	1.50	1.62	2.83	4.87	2.60
Rio Africo	120	Max WS	TR200_D2	5.00	396.46	397.20	397.20	397.48	0.014703	2.33	0.45	0.48	2.23	4.50	0.98
Rio Africo	118.57*	Max WS	TR200_D0.5	24.39	395.63	396.63	397.38	399.57	0.096506	7.72	1.91	2.00	3.50	5.24	2.68
Rio Africo	118.57*	Max WS	TR200_D1	18.10	395.63	396.50	397.13	398.88	0.097215	6.91	1.60	1.65	2.82	4.86	2.61
Rio Africo	118.57*	Max WS	TR200_D2	11.20	395.63	396.33	396.78	397.99	0.097046	5.73	1.12	1.14	2.03	4.34	2.49
Rio Africo	117.14*	Max WS	TR200_D0.5	24.37	394.80	395.80	396.56	398.78	0.096590	7.80	2.00	2.03	3.50	5.25	2.69
Rio Africo	117.14*	Max WS	TR200_D1	18.10	394.80	395.67	396.30	398.09	0.097230	6.98	1.69	1.69	2.82	4.85	2.62
Rio Africo	117.14*	Max WS	TR200_D2	11.20	394.80	395.49	395.95	397.19	0.097642	5.80	1.22	1.19	2.02	4.31	2.51
Rio Africo	115.71*	Max WS	TR200_D0.5	24.36	393.97	394.97	395.74	397.99	0.096564	7.87	2.09	2.06	3.51	5.26	2.70
Rio Africo	115.71*	Max WS	TR200_D1	18.10	393.97	394.84	395.48	397.29	0.096866	7.04	1.77	1.72	2.82	4.85	2.63
Rio Africo	115.71*	Max WS	TR200_D2	11.20	393.97	394.66	395.12	396.38	0.096610	5.85	1.31	1.23	2.02	4.30	2.51
Rio Africo	114.29*	Max WS	TR200_D0.5	24.35	393.14	394.14	394.92	397.20	0.096931	7.95	2.18	2.08	3.51	5.27	2.72
Rio Africo	114.29*	Max WS	TR200_D1	18.10	393.14	394.00	394.65	396.50	0.097903	7.13	1.86	1.76	2.82	4.85	2.65
Rio Africo	114.29*	Max WS	TR200_D2	11.20	393.14	393.82	394.30	395.60	0.099294	5.96	1.41	1.28	2.00	4.28	2.55
Rio Africo	112.86*	Max WS	TR200_D0.5	24.35	392.31	393.31	394.10	396.37	0.095403	7.98	2.29	2.10	3.55	5.29	2.70
Rio Africo	112.86*	Max WS	TR200_D1	18.10	392.31	393.18	393.83	395.66	0.094829	7.12	1.94	1.78	2.86	4.90	2.62
Rio Africo	112.86*	Max WS	TR200_D2	11.20	392.31	393.00	393.47	394.73	0.092408	5.88	1.48	1.30	2.05	4.32	2.48
Rio Africo	111.43*	Max WS	TR200_D0.5	24.34	391.47	392.47	393.27	395.67	0.101080	8.19	2.43	2.16	3.49	5.26	2.78
Rio Africo	111.43*	Max WS	TR200_D1	18.09	391.47	392.33	393.01	394.99	0.103970	7.39	2.07	1.85	2.78	4.87	2.74
Rio Africo	111.43*	Max WS	TR200_D2	11.20	391.47	392.14	392.64	394.08	0.108185	6.24	1.62	1.38	1.94	4.25	2.67
Rio Africo	110	Max WS	TR200_D0.5	24.33	390.64	391.73	392.44	394.25	0.069729	7.34	2.30	1.98	4.04	5.57	2.36
Rio Africo	110	Max WS	TR200_D1	18.09	390.64	391.59	392.18	393.64	0.069369	6.57	2.00	1.72	3.24	5.12	2.29
Rio Africo	110	Max WS	TR200_D2	11.20	390.64	391.39	391.81	392.86	0.068881	5.48	1.53	1.31	2.29	4.55	2.18
Rio Africo	108.57*	Max WS	TR200_D0.5	24.33	390.09	391.14	391.83	393.58	0.069140	7.19	2.20	1.97	4.05	5.65	2.35
Rio Africo	108.57*	Max WS	TR200_D1	18.09	390.09	390.99	391.56	392.98	0.068809	6.43	1.92	1.73	3.27	5.19	2.28
Rio Africo	108.57*	Max WS	TR200_D2	11.20	390.09	390.80	391.21	392.21	0.068241	5.35	1.48	1.34	2.32	4.65	2.17
Rio Africo	107.14*	Max WS	TR200_D0.5	24.32	389.54	390.55	391.21	392.91	0.068597	7.05	2.10	2.00	4.08	5.72	2.34
Rio Africo	107.14*	Max WS	TR200_D1	18.09	389.54	390.40	390.95	392.32	0.068431	6.30	1.84	1.75	3.30	5.29	2.27
Rio Africo	107.14*	Max WS	TR200_D2	11.20	389.54	390.22	390.61	391.57	0.067997	5.24	1.42	1.38	2.35	4.77	2.16
Rio Africo	105.71*	Max WS	TR200_D0.5	24.32	388.98	389.96	390.60	392.25	0.068556	6.93	1.98	2.07	4.10	5.75	2.33
Rio Africo	105.71*	Max WS	TR200_D1	18.09	388.98	389.82	390.34	391.66	0.067689	6.17	1.73	1.77	3.34	5.41	2.25
Rio Africo	105.71*	Max WS	TR200_D2	11.20	388.98	389.64	390.01	390.94	0.067867	5.14	1.35	1.44	2.39	4.90	2.15
Rio Africo	104.29*	Max WS	TR200_D0.5	24.31	388.43	389.40	390.00	391.49	0.062507	6.61	1.77	2.10	4.26	5.79	2.23
Rio Africo	104.29*	Max WS	TR200_D1	18.09	388.43	389.24	389.75	391.03	0.068557	6.08	1.60	1.87	3.36	5.46	2.26
Rio Africo	104.29*	Max WS	TR200_D2	11.20	388.43	389.06	389.42	390.30	0.066655	5.01	1.26	1.49	2.44	5.04	2.13
Rio Africo	102.86*	Max WS	TR200_D0.5	24.29	387.88	388.98	389.40	390.37	0.033956	5.39	1.28	1.80	5.25	6.01	1.69
Rio Africo	102.86*	Max WS	TR200_D1	18.09	387.88	388.73	389.15	390.13	0.048465	5.37	1.26	1.79	3.81	5.60	1.93
Rio Africo	102.86*	Max WS	TR200_D2	11.20	387.88	388.48	388.83	389.69	0.067907	4.95	1.11	1.56	2.47	5.19	2.14
Rio Africo	101.43*	Max WS	TR200_D0.5	24.27	387.32	388.79	388.79	389.47	0.011258	3.79	0.66	1.28	7.56	6.31	1.02
Rio Africo	101.43*	Max WS	TR200_D1	18.09	387.32	388.46	388.56	389.13	0.015679	3.74	0.65	1.29	5.54	5.90	1.15
Rio Africo	101.43*	Max WS	TR200_D2	11.20	387.32	388.08	388.24	388.72	0.026419	3.64	0.62	1.29	3.40	5.44	1.39
Rio Africo	100	Max WS	TR200_D0.5	24.26	386.77	388.72	388.20	389.07	0.003796	2.69	0.02	0.81	10.64	6.96	0.63
Rio Africo	100	Max WS	TR200_D1	18.09	386.77	388.37	387.97	388.67	0.004267	2.49	0.02	0.79	8.33	6.23	0.64
Rio Africo	100	Max WS	TR200_D2	11.20	386.77	387.95	387.66	388.17	0.004882	2.15	0.01	0.75	5.82	5.67	0.65
Rio Africo	70			Bridge											
Rio Africo	40	Max WS	TR200_D0.5	24.23	373.90	375.84	376.27	377.24	0.049370	5.61	0.88	1.62	5.87	9.33	1.36
Rio Africo	40	Max WS	TR200_D1	18.09	373.90	375.65	376.08	376.98	0.049659	5.22	0.23	0.93	4.17	8.68	1.34
Rio Africo	40	Max WS	TR200_D2	11.20	373.90	375.34	375.79	376.26	0.043823	4.24			2.64	2.14	1.22
Rio Africo	39.99			Lat Struct											
Rio Africo	39.98			Lat Struct											
Rio Africo	38.334*	Max WS	TR200_D0.5	23.86	373.86	375.69	376.24	377.74	0.075181	6.53	0.42	1.31	4.50	8.86	1.65
Rio Africo	38.334*	Max WS	TR200_D1	18.07	373.86	375.50	376.07	377.29	0.072680	5.92		0.24	3.05	2.17	1.59
Rio Africo	38.334*	Max WS	TR200_D2	11.19	373.86	375.22	375.49	376.28	0.053004	4.56			2.45	2.10	1.35
Rio Africo	36.667	Max WS	TR200_D0.5	23.82	373.83	375.40	376.24	378.82	0.151620	8.19		0.14	2.91	2.16	2.25
Rio Africo	36.667	Max WS	TR200_D1	18.06	373.83	375.26	376.06	377.70	0.117440	6.92			2.61	2.11	1.99
Rio Africo	36.667	Max WS	TR200_D2	11.16	373.83	375.07	375.45	376.38	0.070122	5.08			2.20	2.05	1.57
Rio Africo_V	33.333*	Max WS	TR200_D0.5	30.63	373.67	375.40	375.93	377.17	0.025873	6.47	1.46	1.32	7.91	10.97	1.59
Rio Africo_V	33.333*	Max WS	TR200_D1	22.82	373.67	375.26	375.70	376.67	0.021802	5.61	1.15	1.13	6.07	8.69	1.44
Rio Africo_V	33.333*	Max WS	TR200_D2	14.53	373.67	375.07	375.40	375.89	0.014802	4.21	0.67	1.21	4.61	6.26	1.16
Rio Africo_V	33.31			Lat Struct											
Rio Africo_V	33.3			Lat Struct											
Rio Africo_V	30	Max WS	TR200_D0.5	28.11	373.52	375.29	375.71	376.65	0.019699	5.72	1.32	1.22	8.30	10.97	1.40
Rio Africo_V	30	Max WS	TR200_D1	21.71	373.52	375.17	375.52	376.27	0.016679	5.02	1.08	0.92	6.98	10.97	1.27
Rio Africo_V	30	Max WS	TR200_D2	14.57	373.52	375.00	375.25	375.71	0.012014	3.95	0.72	0.94	5.16	7.11	1.06
Rio Africo_V	27.500*	Max WS	TR200_D0.5	24.24	373.32	375.14	375.38	376.02	0.011783	4.53	1.02	0.86	8.64	11.40	1.09
Rio Africo_V	27.500*	Max WS	TR200_D1	19.90	373.32	375.04	375.24	375.79	0.010371	4.09	0.86	0.68	7.53	11.40	1.01
Rio Africo_V	27.500*	Max WS	TR200_D2	13.86	373.32	374.91	374.80	375.40	0.007214	3.23	0.60	0.59	5.90	8.10	0.83
Rio Africo_V	25.000*	Max WS	TR200_D0.5	19.65	373.11	375.05	375.01	375.49	0.005277	3.17	0.72	0.58	9.82	11.83	0.74
Rio Africo_V	25.000*	Max WS	TR200_D1	17.48	373.11	374.96	374.92	375.38	0.005240	3.06	0.66	0.50	8.73	11.83	0.73
Rio Africo_V	25.000*	Max WS	TR200_D2	12.58	373.11	374.85		375.13	0.003589	2.43	0.48	0.32	7.46	11.83	0.60
Rio Africo_V	22.500	Max WS	TR200_D0.5	16.46	372.91	375.06	374.49	375.26	0.002154	2.17	0.51	0.41	12.11	12.26	0.48
Rio Africo_V	22.500	Max WS	TR200_D1	13.00	372.91	375.00	374.20	375.14	0.001545	1.80	0.41	0.32	11.31	12.26	0.40
Rio Africo_V	22.500	Max WS	TR200_D2	9.45	372.91	374.91	373.96	375.00	0.000994	1.40	0.31	0.22	10.24	12.26	0.32
Rio Africo_V	22.10			Bridge											
Rio Africo_V	22.00	Max WS	TR200_D0.5	16.44	372.85	374.19	374.44	375.05	0.015058	4.14	0.53	0.48	4.30	4.14	1.16
Rio Africo_V	22.00	Max WS	TR200_D1	12.98	372.85	374.05	374.14	374.74	0.013940	3.69	0.37	0.43	3.73	3.87	1.10
Rio Africo_V	22.00	Max WS	TR200_D2	9.45	372.85	373.86	373.89	374.39	0.013548	3.23	0.18	0.37	3.03	3.51	1.05
Rio Africo_V	19.667*	Max WS	TR200_D0.5	16.79	372.69	374.06	374.28	374.98	0.016540	4.36	0.74	0.97	4.56	5.01	1.22
Rio Africo_V	19.667*	Max WS	TR200_D1	13.62	372.69	373.92	374.09	374.70	0.016166	4.00	0.63	0.89	3.91	4.47	1.18
Rio Africo_V	19.667*	Max WS	TR200_D2	9.68	372.69	373.74	373.81	374.31	0.014641	3.39	0.54	0.75	3.16	3.75	1.10

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Rio Africo_V	17.333*	Max WS	TR200_D0.5	17.77	372.52	373.89	374.20	375.03	0.021811	4.91	0.93	1.34	4.47	5.17	1.39
Rio Africo_V	17.333*	Max WS	TR200_D1	14.16	372.52	373.76	374.03	374.68	0.020112	4.39	0.93	1.19	3.86	4.37	1.31
Rio Africo_V	17.333*	Max WS	TR200_D2	9.90	372.52	373.60	373.71	374.23	0.016612	3.61	0.80	0.96	3.20	4.00	1.16
Rio Africo_V	15	Max WS	TR200_D0.5	18.15	372.35	373.65	374.08	375.18	0.034288	5.76	1.47	1.67	3.97	4.65	1.71
Rio Africo_V	15	Max WS	TR200_D1	14.31	372.35	373.55	373.95	374.73	0.029402	5.02	1.28	1.44	3.52	4.44	1.56
Rio Africo_V	15	Max WS	TR200_D2	9.95	372.35	373.44	373.62	374.17	0.020845	3.94	1.00	1.11	3.05	4.20	1.29
Rio Africo_V	12.200*	Max WS	TR200_D0.5	18.45	371.97	373.43	373.58	374.23	0.015270	4.08	1.04	1.11	5.41	5.65	1.15
Rio Africo_V	12.200*	Max WS	TR200_D1	6.24	371.97	373.37		373.47	0.002068	1.45	0.37	0.39	5.08	5.47	0.42
Rio Africo_V	12.200*	Max WS	TR200_D2	6.24	371.97	373.37		373.47	0.002068	1.45	0.37	0.39	5.08	5.47	0.42
Rio Africo_V	9.400*	Max WS	TR200_D0.5	6.22	371.58	373.40		373.44	0.000564	0.89	0.19	0.23	8.46	8.45	0.23
Rio Africo_V	9.400*	Max WS	TR200_D1	6.22	371.58	373.40		373.44	0.000564	0.89	0.19	0.23	8.46	8.45	0.23
Rio Africo_V	9.400*	Max WS	TR200_D2	6.22	371.58	373.40		373.44	0.000564	0.89	0.19	0.23	8.46	8.45	0.23
Rio Africo_V	6.600*	Max WS	TR200_D0.5	6.20	371.19	373.41		373.43	0.000203	0.60	0.13	0.15	13.01	12.30	0.14
Rio Africo_V	6.600*	Max WS	TR200_D1	6.20	371.19	373.41		373.43	0.000203	0.60	0.13	0.15	13.01	12.30	0.14
Rio Africo_V	6.600*	Max WS	TR200_D2	6.20	371.19	373.41		373.43	0.000203	0.60	0.13	0.15	13.01	12.30	0.14
Rio Africo_V	3.800*	Max WS	TR200_D0.5	5.82	370.81	373.41		373.42	0.000076	0.41	0.10	0.07	19.25	18.56	0.09
Rio Africo_V	3.800*	Max WS	TR200_D1	5.82	370.81	373.41		373.42	0.000076	0.41	0.10	0.07	19.25	18.56	0.09
Rio Africo_V	3.800*	Max WS	TR200_D2	5.82	370.81	373.41		373.42	0.000076	0.41	0.10	0.07	19.25	18.56	0.09
Rio Africo_V	1	Max WS	TR200_D0.5	6.50	370.42	373.41	371.26	373.41	0.000043	0.34	0.10	0.07	26.70	19.97	0.07
Rio Africo_V	1	Max WS	TR200_D1	6.50	370.42	373.41	371.26	373.41	0.000043	0.34	0.10	0.07	26.70	19.97	0.07
Rio Africo_V	1	Max WS	TR200_D2	6.50	370.42	373.41	371.26	373.41	0.000043	0.34	0.10	0.07	26.70	19.97	0.07

ALLEGATI

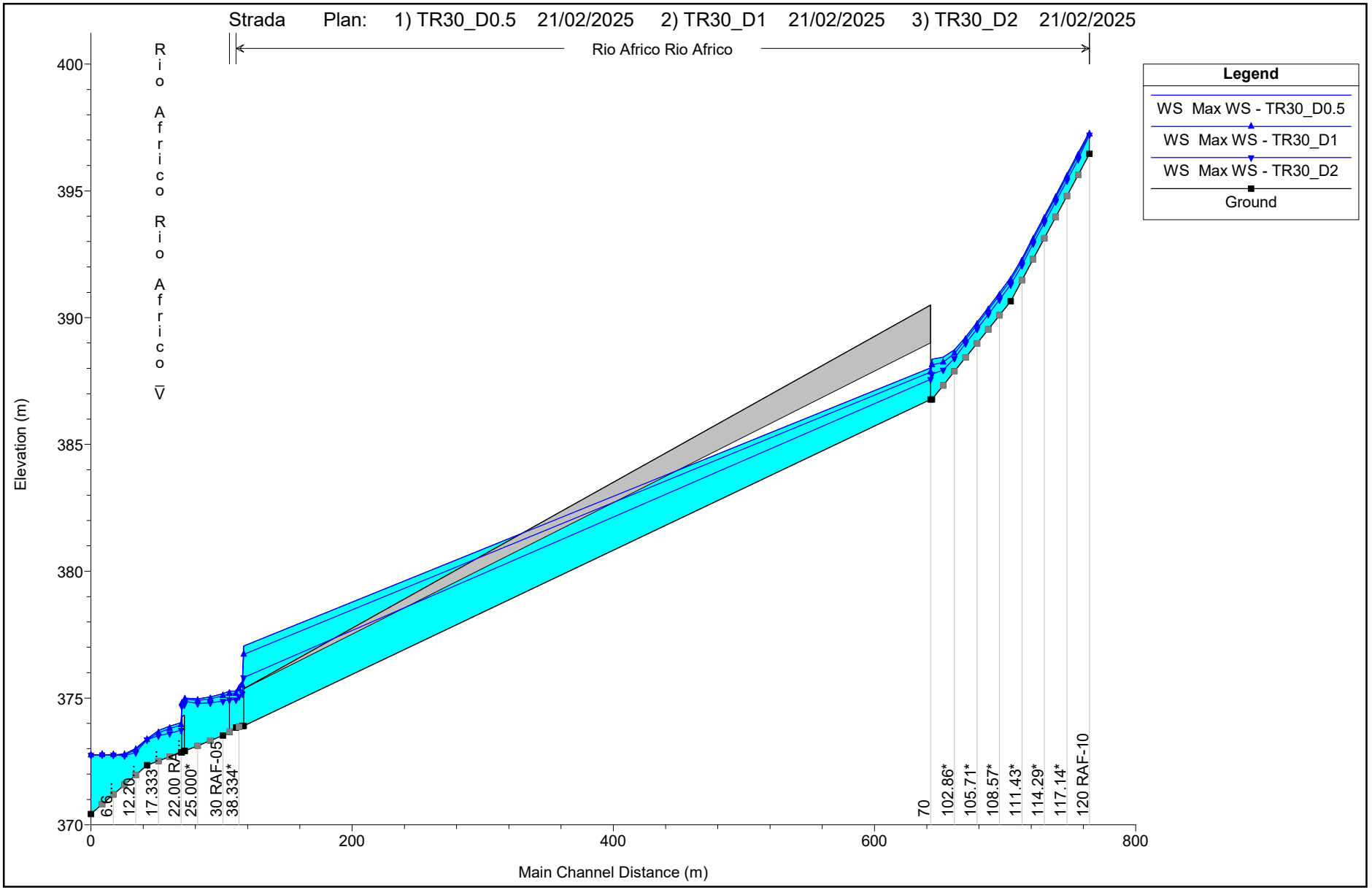
MODELLAZIONE HEC-RAS 6.3.1 "STRADA"

RIO AFRICO

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 0.5, 1 e 2 h

Profilo longitudinale


Strada
Plan: 1) TR30_D0.5 21/02/2025 2) TR30_D1 21/02/2025 3) TR30_D2 21/02/2025
Rio Africo Rio Africo
Rio Africo Rio Africo V
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Elevation (m)
400
395
390
385
380
375
370
0
200
400
600
800
Main Channel Distance (m)
6.6...
12.20...
17.333...
22.00 RA...
25.000*
30 RAF-05
38.334*
70
102.86*
105.71*
108.57*
111.43*
114.29*
117.14*
120 RAF-10

ALLEGATI

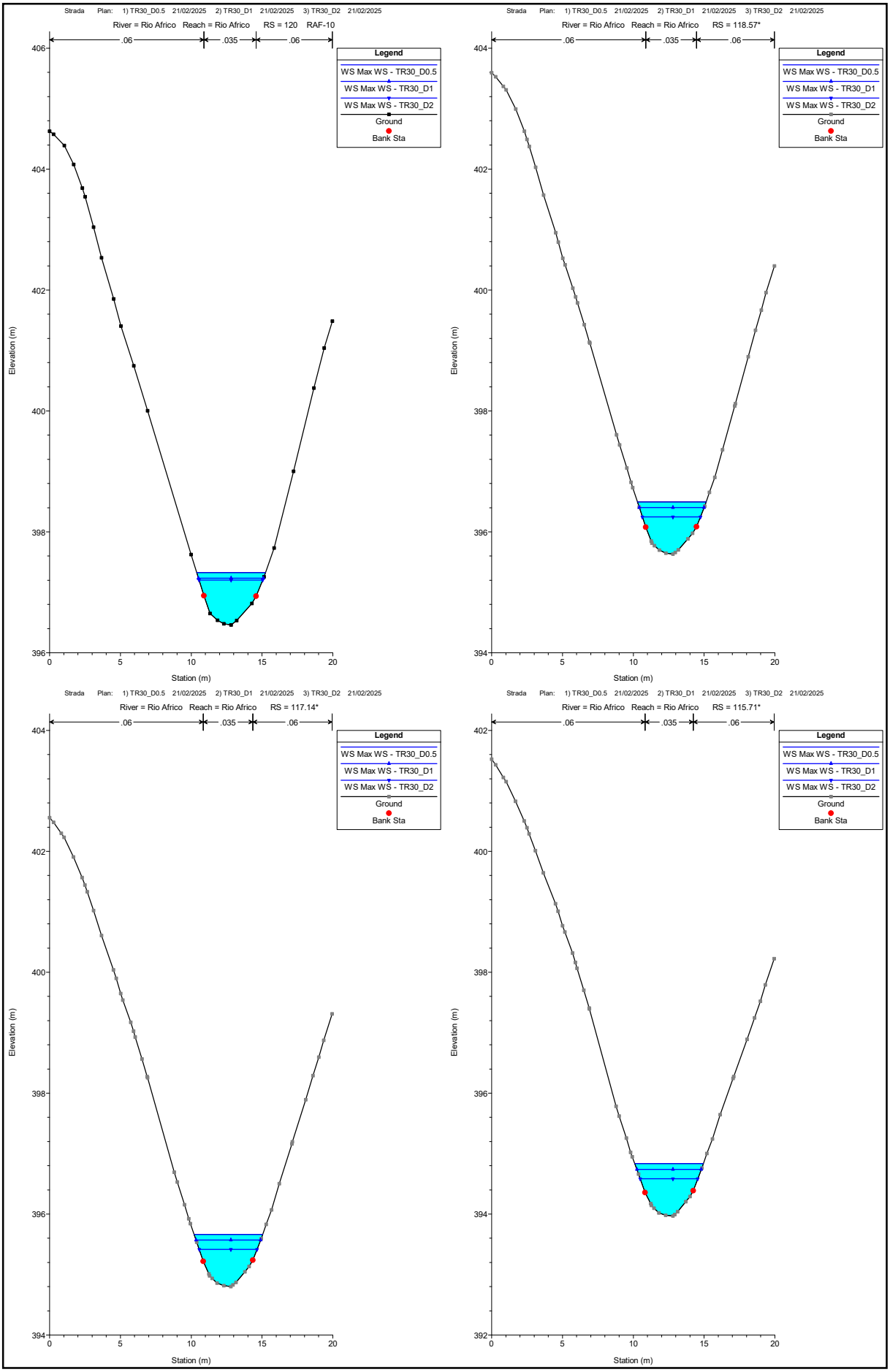
MODELLAZIONE HEC-RAS 6.3.1 "STRADA"

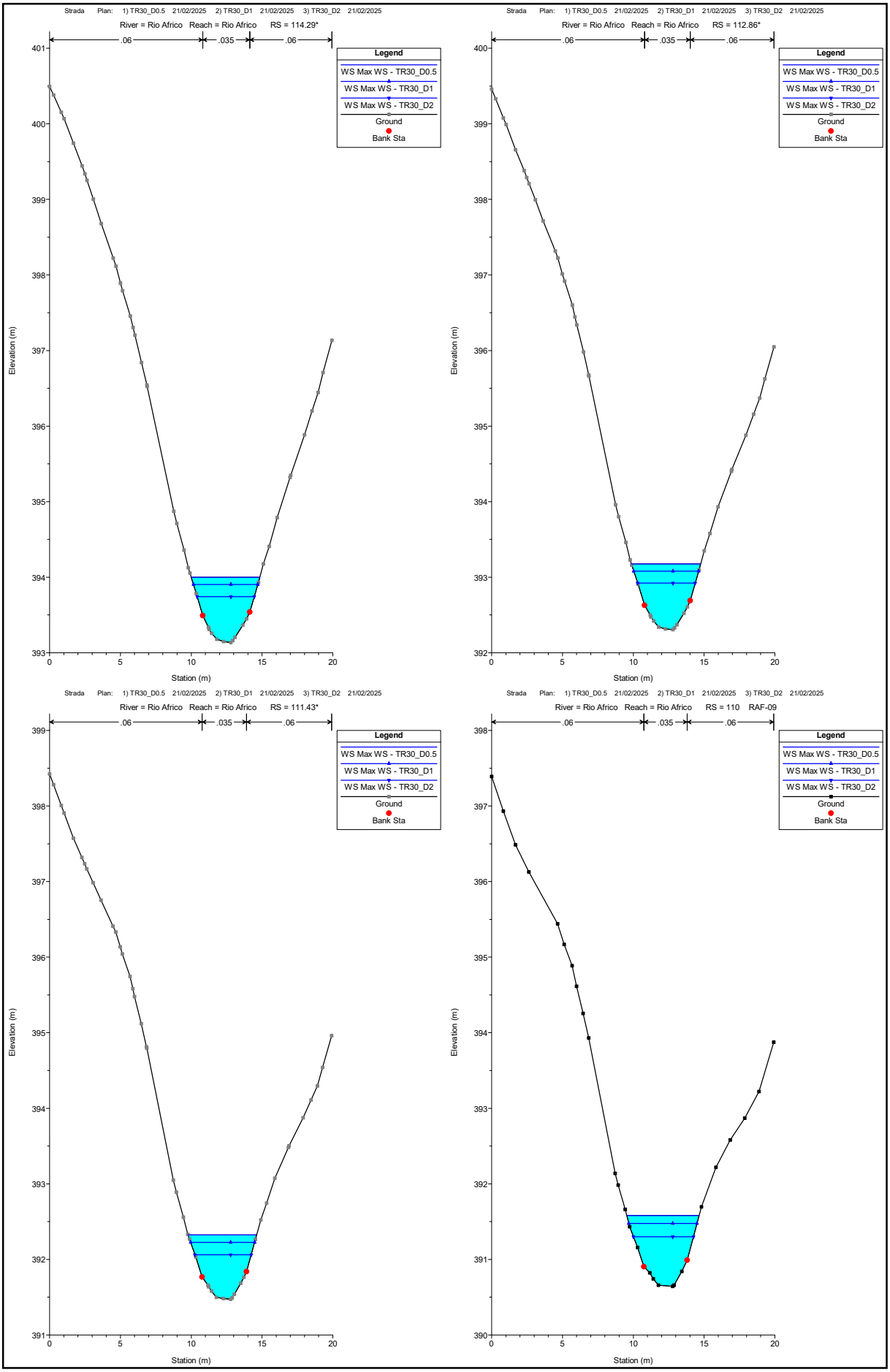
RIO AFRICO

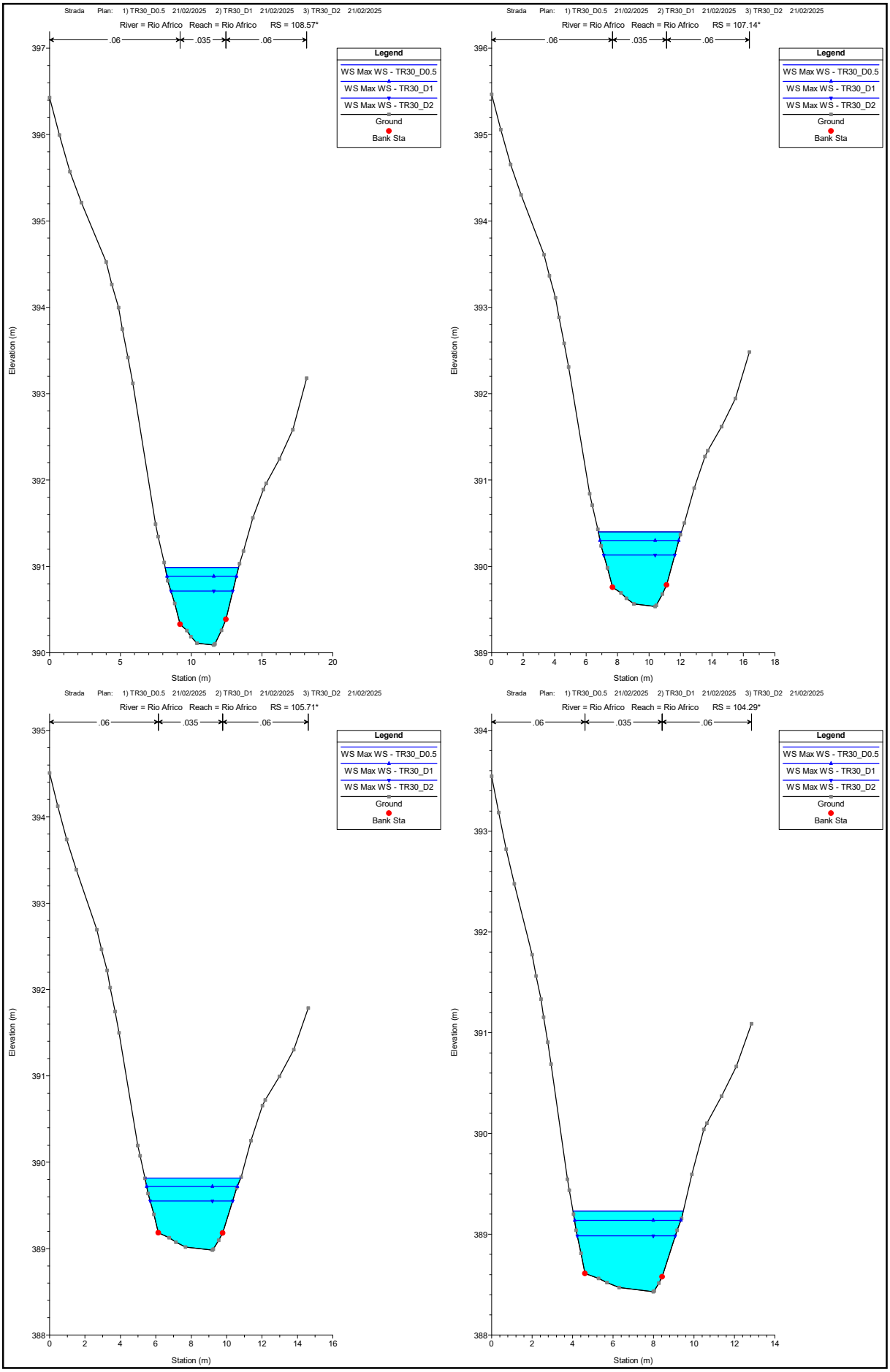
MODELLAZIONE PER TR= 30 anni

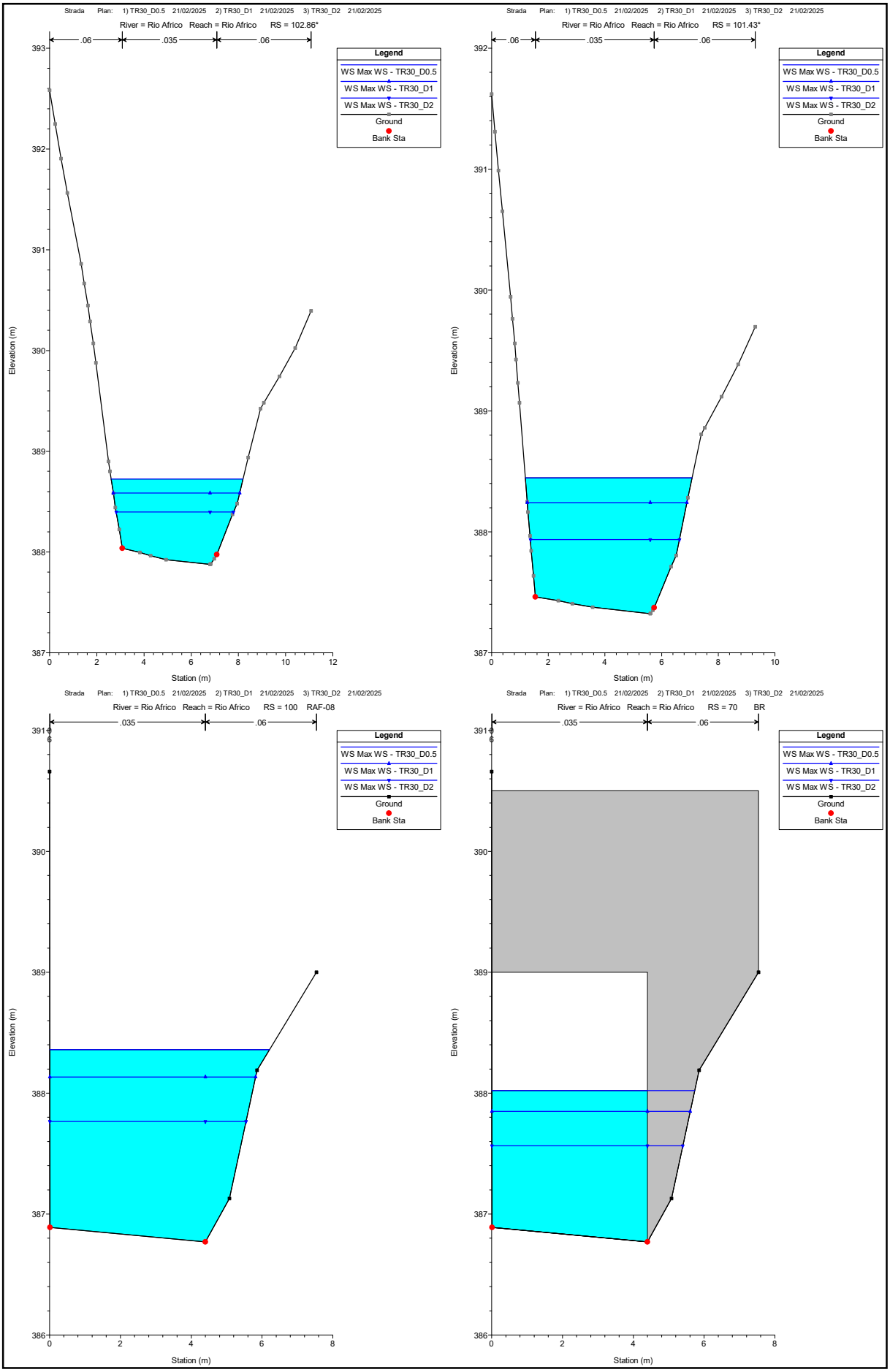
DURATE DI PIOGGIA: 0.5, 1 e 2 h

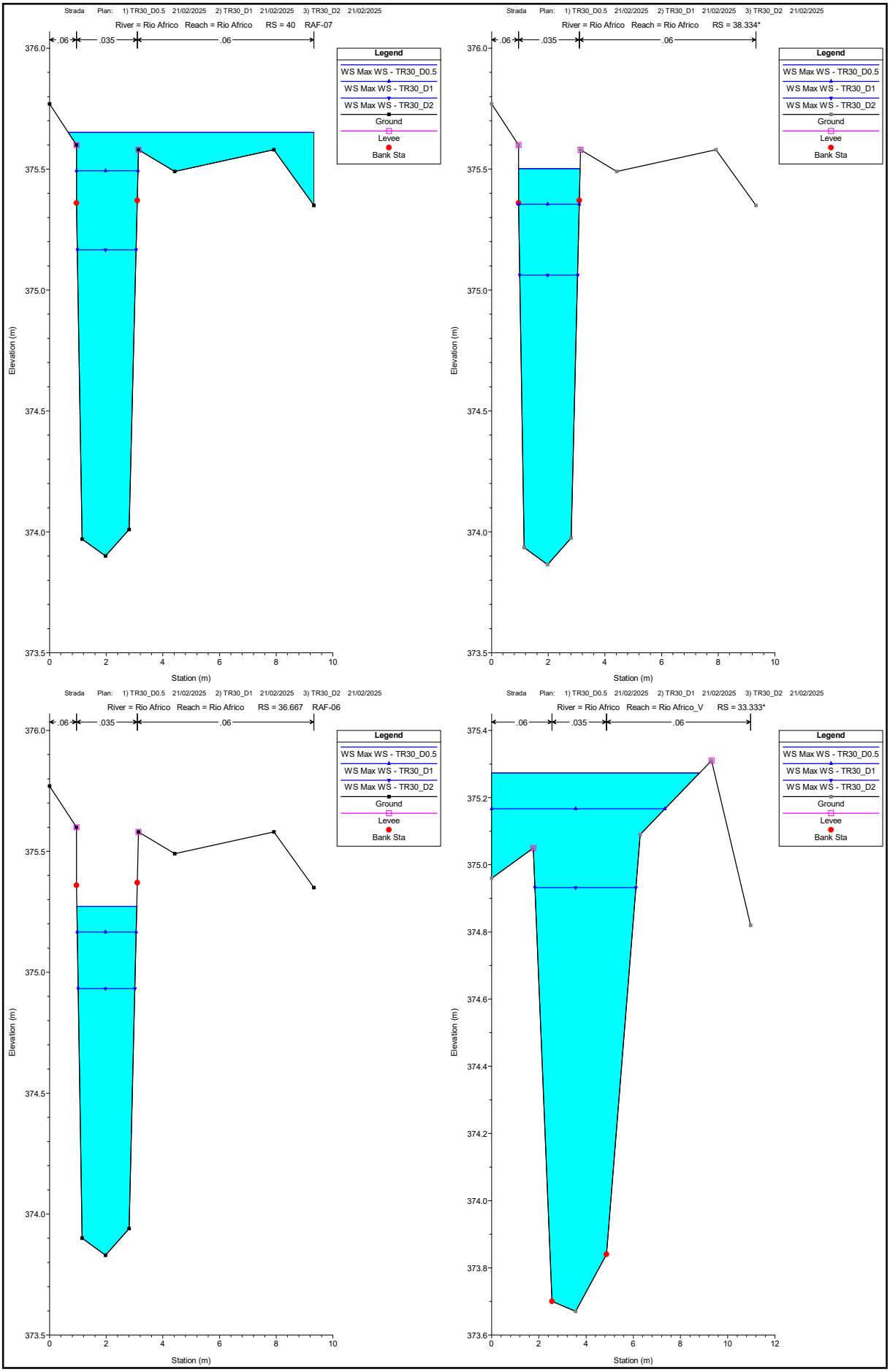
Sezioni Trasversali (da monte verso valle)

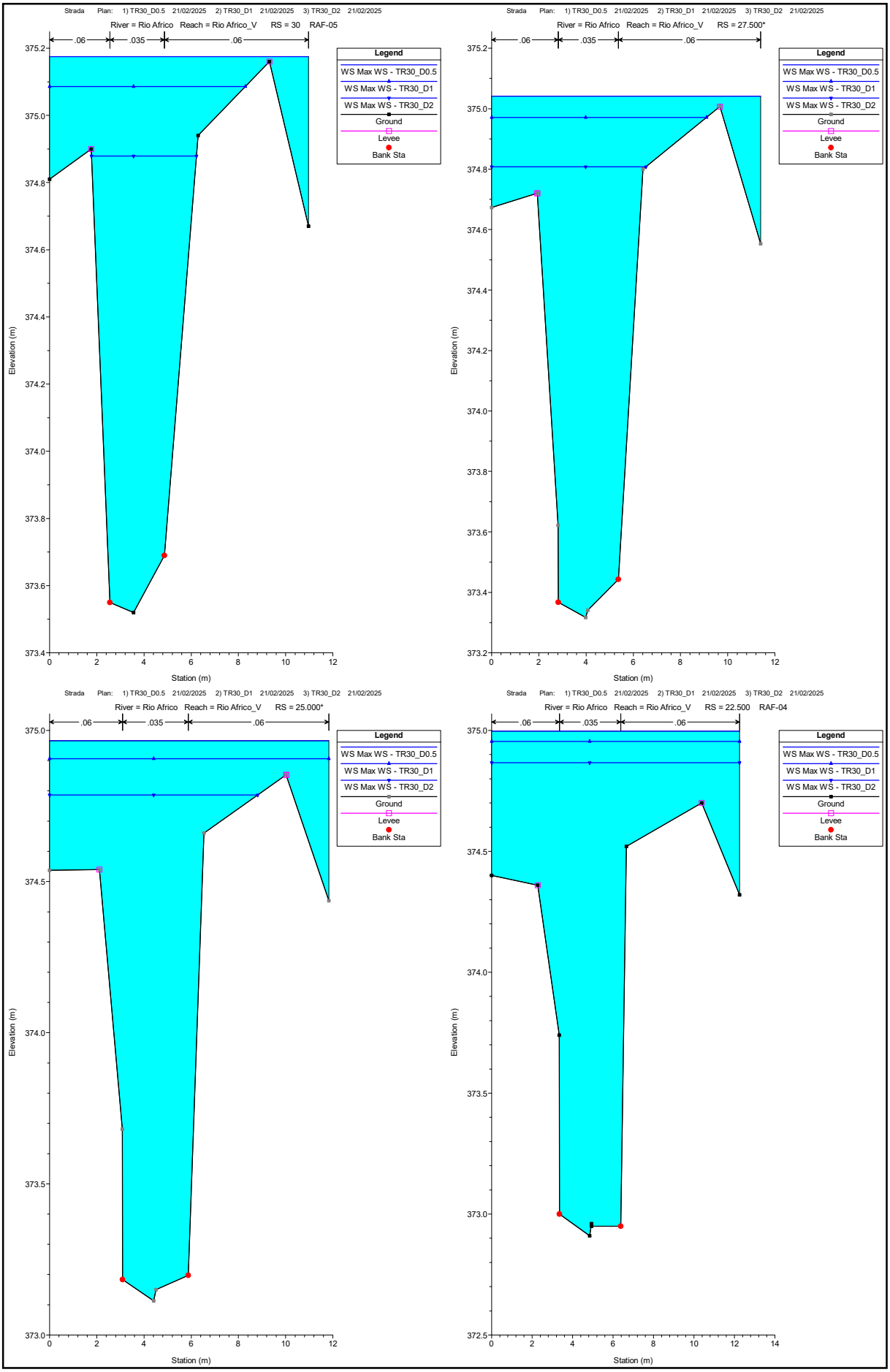

Strada Plan: 1) TR30_D0.5 21/02/2025 2) TR30_D1 21/02/2025 3) TR30_D2 21/02/2025
River = Rio Africo Reach = Rio Africo RS = 120 RAF-10
.06 .035 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR30_D0.5 21/02/2025 2) TR30_D1 21/02/2025 3) TR30_D2 21/02/2025
River = Rio Africo Reach = Rio Africo RS = 118.57*
.06 .035 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR30_D0.5 21/02/2025 2) TR30_D1 21/02/2025 3) TR30_D2 21/02/2025
River = Rio Africo Reach = Rio Africo RS = 117.14*
.06 .035 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR30_D0.5 21/02/2025 2) TR30_D1 21/02/2025 3) TR30_D2 21/02/2025
River = Rio Africo Reach = Rio Africo RS = 115.71*
.06 .035 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

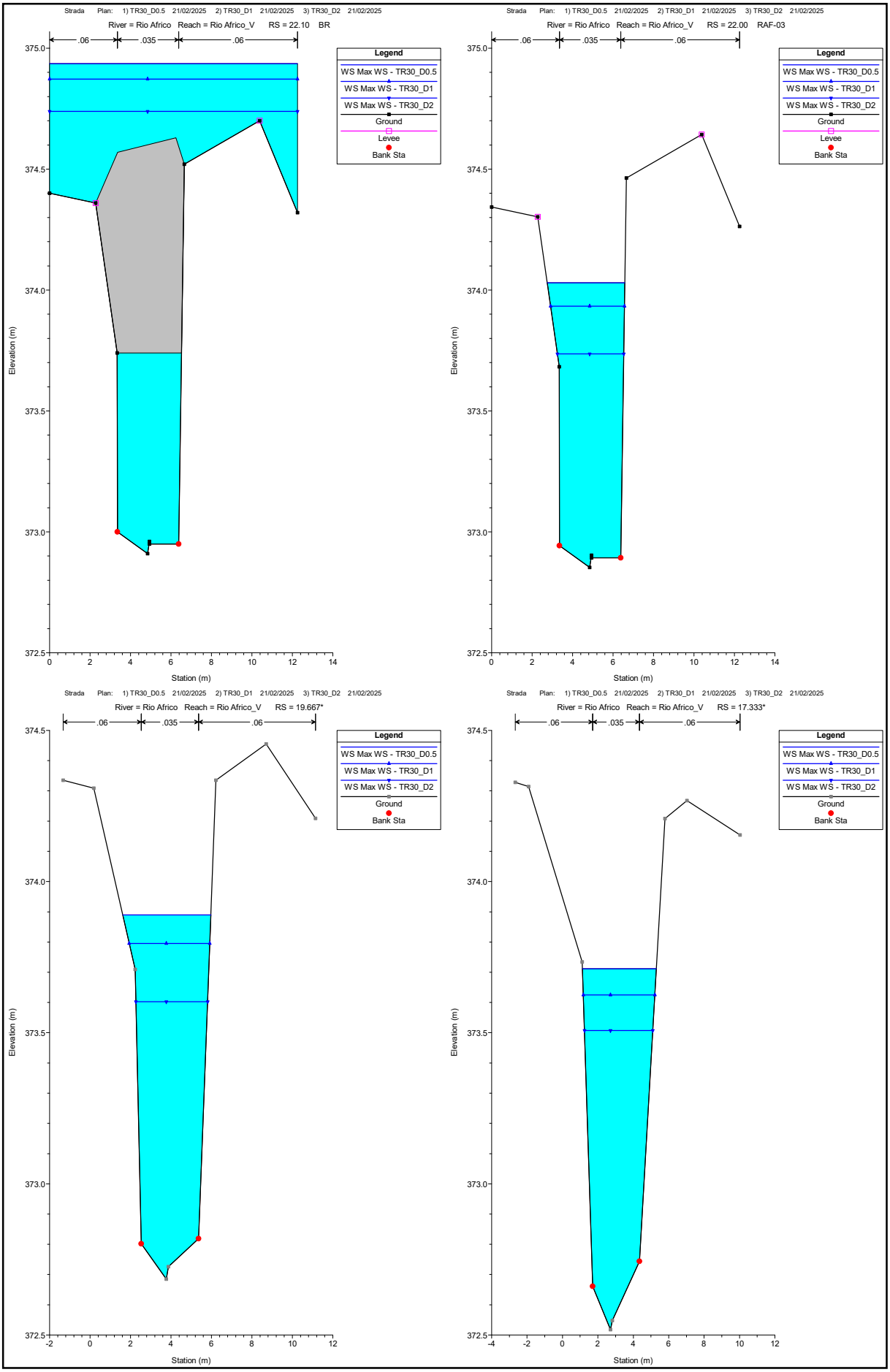

Strada Plan: 1) TR30_D0.5 21/02/2025 2) TR30_D1 21/02/2025 3) TR30_D2 21/02/2025
River = Rio Africo Reach = Rio Africo RS = 114.29*
.06 .035 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR30_D0.5 21/02/2025 2) TR30_D1 21/02/2025 3) TR30_D2 21/02/2025
River = Rio Africo Reach = Rio Africo RS = 112.86*
.06 .035 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR30_D0.5 21/02/2025 2) TR30_D1 21/02/2025 3) TR30_D2 21/02/2025
River = Rio Africo Reach = Rio Africo RS = 111.43*
.06 .035 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR30_D0.5 21/02/2025 2) TR30_D1 21/02/2025 3) TR30_D2 21/02/2025
River = Rio Africo Reach = Rio Africo RS = 110 RAF-09
.06 .035 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

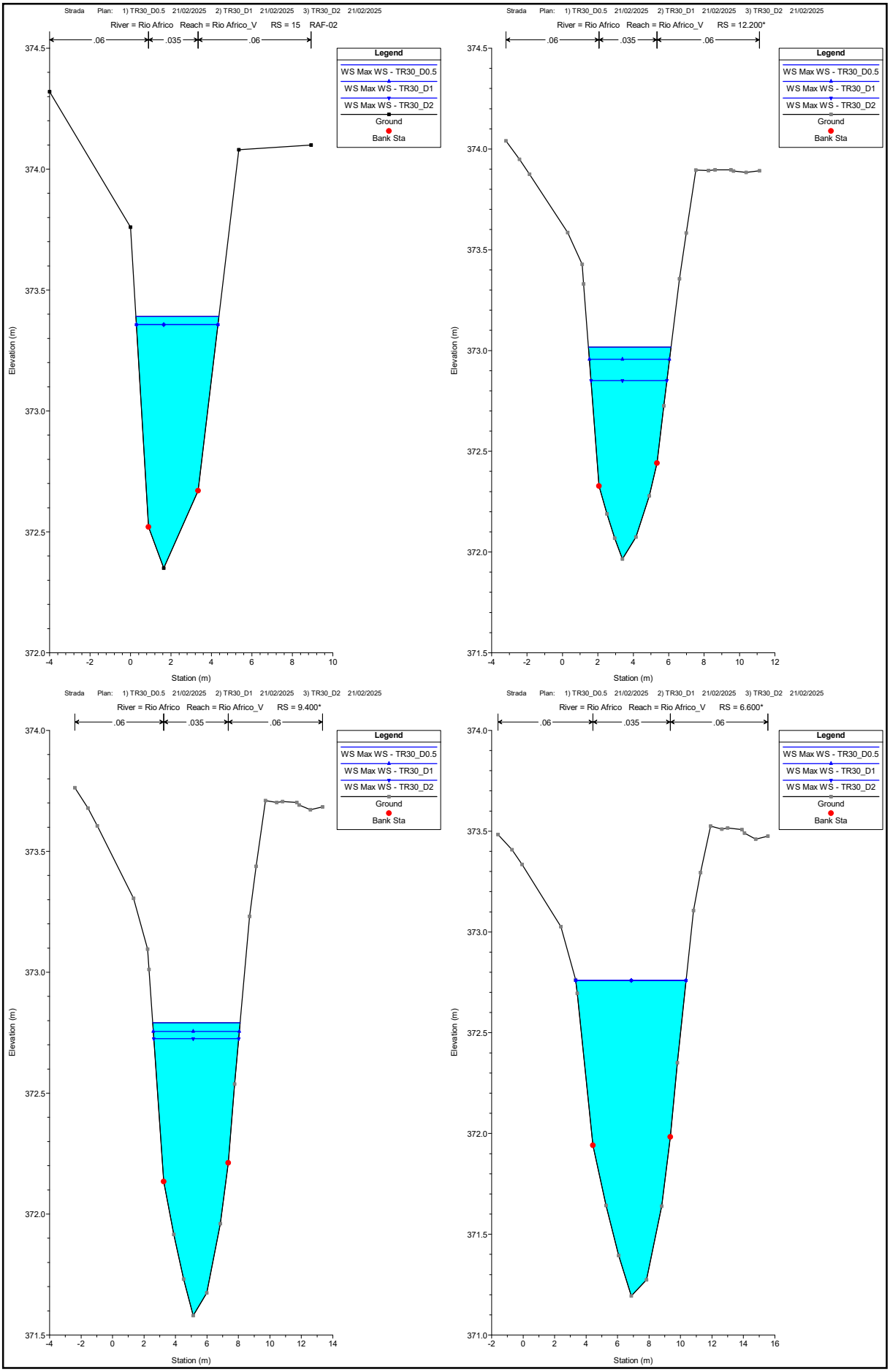

Strada Plan: 1) TR30_D0.5 21/02/2025 2) TR30_D1 21/02/2025 3) TR30_D2 21/02/2025
River = Rio Africo Reach = Rio Africo RS = 108.57*
.06
.035
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR30_D0.5 21/02/2025 2) TR30_D1 21/02/2025 3) TR30_D2 21/02/2025
River = Rio Africo Reach = Rio Africo RS = 107.14*
.06
.035
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR30_D0.5 21/02/2025 2) TR30_D1 21/02/2025 3) TR30_D2 21/02/2025
River = Rio Africo Reach = Rio Africo RS = 105.71*
.06
.035
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR30_D0.5 21/02/2025 2) TR30_D1 21/02/2025 3) TR30_D2 21/02/2025
River = Rio Africo Reach = Rio Africo RS = 104.29*
.06
.035
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

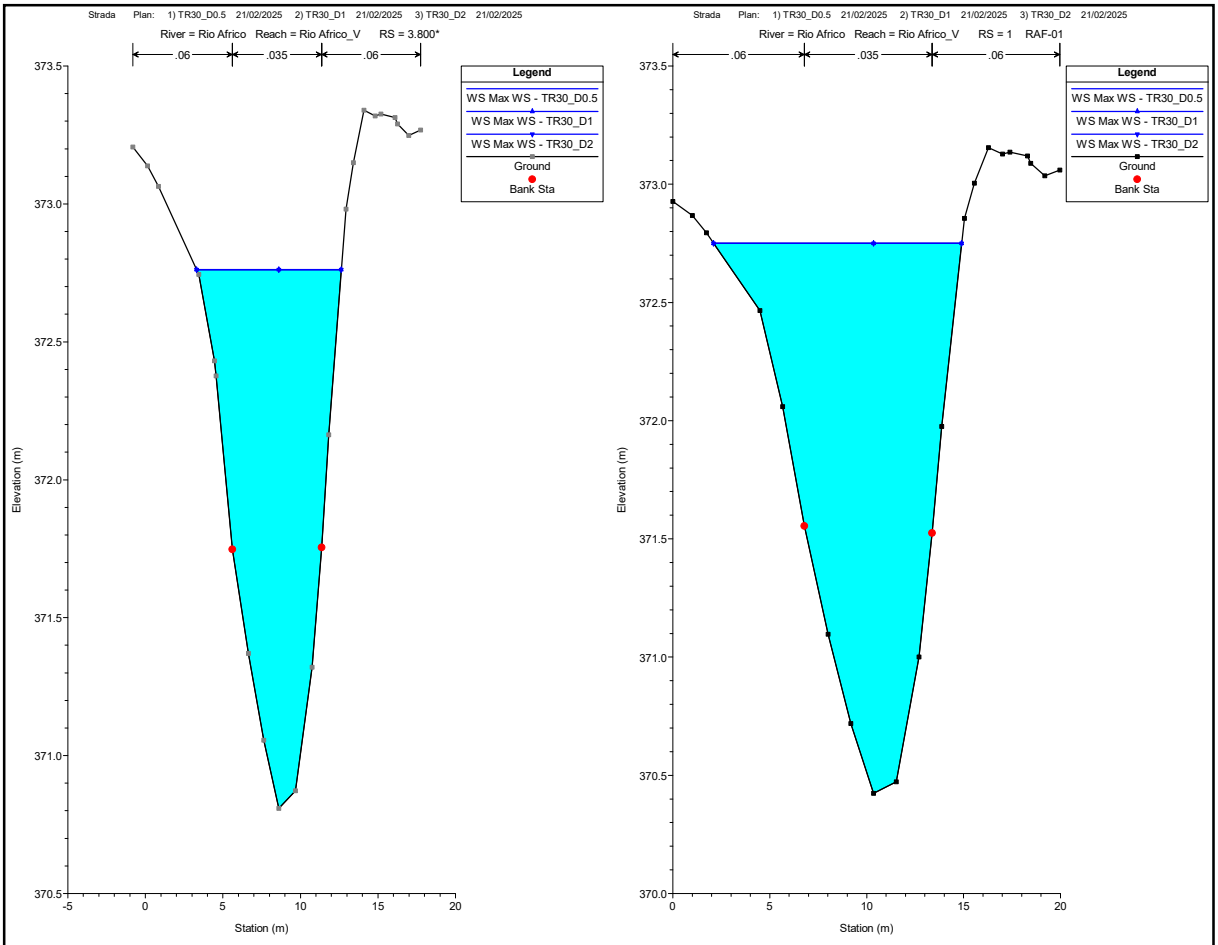

Strada Plan: 1) TR30_D0.5 21/02/2025 2) TR30_D1 21/02/2025 3) TR30_D2 21/02/2025
River = Rio Africo Reach = Rio Africo RS = 102.86*
.06 .035 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR30_D0.5 21/02/2025 2) TR30_D1 21/02/2025 3) TR30_D2 21/02/2025
River = Rio Africo Reach = Rio Africo RS = 101.43*
.06 .035 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR30_D0.5 21/02/2025 2) TR30_D1 21/02/2025 3) TR30_D2 21/02/2025
River = Rio Africo Reach = Rio Africo RS = 100 RAF-08
.035 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR30_D0.5 21/02/2025 2) TR30_D1 21/02/2025 3) TR30_D2 21/02/2025
River = Rio Africo Reach = Rio Africo RS = 70 BR
.035 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Strada Plan: 1) TR30_D0.5 21/02/2025 2) TR30_D1 21/02/2025 3) TR30_D2 21/02/2025
River = Rio Africo Reach = Rio Africo RS = 40 RAF-07
.06 .035 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR30_D0.5 21/02/2025 2) TR30_D1 21/02/2025 3) TR30_D2 21/02/2025
River = Rio Africo Reach = Rio Africo RS = 38.334*
.06 .035 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR30_D0.5 21/02/2025 2) TR30_D1 21/02/2025 3) TR30_D2 21/02/2025
River = Rio Africo Reach = Rio Africo RS = 36.667 RAF-06
.06 .035 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR30_D0.5 21/02/2025 2) TR30_D1 21/02/2025 3) TR30_D2 21/02/2025
River = Rio Africo Reach = Rio Africo_V RS = 33.333*
.06 .035 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)


Strada Plan: 1) TR30_D0.5 21/02/2025 2) TR30_D1 21/02/2025 3) TR30_D2 21/02/2025
River = Rio Africo Reach = Rio Africo_V RS = 30 RAF-05
.06 .035 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR30_D0.5 21/02/2025 2) TR30_D1 21/02/2025 3) TR30_D2 21/02/2025
River = Rio Africo Reach = Rio Africo_V RS = 27.500*
.06 .035 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR30_D0.5 21/02/2025 2) TR30_D1 21/02/2025 3) TR30_D2 21/02/2025
River = Rio Africo Reach = Rio Africo_V RS = 25.000*
.06 .035 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR30_D0.5 21/02/2025 2) TR30_D1 21/02/2025 3) TR30_D2 21/02/2025
River = Rio Africo Reach = Rio Africo_V RS = 22.500 RAF-04
.06 .035 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)


Strada Plan: 1) TR30_D0.5 21/02/2025 2) TR30_D1 21/02/2025 3) TR30_D2 21/02/2025
River = Rio Africo Reach = Rio Africo_V RS = 22.10 BR
.06 .035 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR30_D0.5 21/02/2025 2) TR30_D1 21/02/2025 3) TR30_D2 21/02/2025
River = Rio Africo Reach = Rio Africo_V RS = 22.00 RAF-03
.06 .035 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR30_D0.5 21/02/2025 2) TR30_D1 21/02/2025 3) TR30_D2 21/02/2025
River = Rio Africo Reach = Rio Africo_V RS = 19.667*
.06 .035 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR30_D0.5 21/02/2025 2) TR30_D1 21/02/2025 3) TR30_D2 21/02/2025
River = Rio Africo Reach = Rio Africo_V RS = 17.333*
.06 .035 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Strada Plan: 1) TR30_D0.5 21/02/2025 2) TR30_D1 21/02/2025 3) TR30_D2 21/02/2025
River = Rio Africo Reach = Rio Africo_V RS = 15 RAF-02
.06 .035 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR30_D0.5 21/02/2025 2) TR30_D1 21/02/2025 3) TR30_D2 21/02/2025
River = Rio Africo Reach = Rio Africo_V RS = 12.200*
.06 .035 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR30_D0.5 21/02/2025 2) TR30_D1 21/02/2025 3) TR30_D2 21/02/2025
River = Rio Africo Reach = Rio Africo_V RS = 9.400*
.06 .035 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR30_D0.5 21/02/2025 2) TR30_D1 21/02/2025 3) TR30_D2 21/02/2025
River = Rio Africo Reach = Rio Africo_V RS = 6.600*
.06 .035 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Strada Plan: 1) TR30_D0.5 21/02/2025 2) TR30_D1 21/02/2025 3) TR30_D2 21/02/2025
River = Rio Africo Reach = Rio Africo_V RS = 3.800*
.06
.035
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR30_D0.5 21/02/2025 2) TR30_D1 21/02/2025 3) TR30_D2 21/02/2025
River = Rio Africo Reach = Rio Africo_V RS = 1 RAF-01
.06
.035
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

ALLEGATI

MODELLAZIONE HEC-RAS 6.3.1 "STRADA"

RIO AFRICO

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 0.5, 1 e 2 h

Dati idraulici

HEC-RAS Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Rio Africo	120	Max WS	TR30_D0.5	18.00	396.46	397.33	397.94	399.66	0.097242	6.83	1.50	1.61	2.82	4.87	2.60
Rio Africo	120	Max WS	TR30_D1	14.10	396.46	397.24	397.76	399.18	0.097530	6.22	1.25	1.34	2.38	4.60	2.54
Rio Africo	120	Max WS	TR30_D2	5.00	396.46	397.20	397.20	397.48	0.014703	2.33	0.45	0.48	2.23	4.50	0.98
Rio Africo	118.57*	Max WS	TR30_D0.5	17.99	395.63	396.50	397.12	398.86	0.097131	6.89	1.59	1.65	2.81	4.85	2.61
Rio Africo	118.57*	Max WS	TR30_D1	14.10	395.63	396.40	396.93	398.38	0.097278	6.28	1.34	1.38	2.37	4.57	2.55
Rio Africo	118.57*	Max WS	TR30_D2	8.60	395.63	396.25	396.62	397.60	0.096853	5.17	0.87	0.88	1.70	4.10	2.43
Rio Africo	117.14*	Max WS	TR30_D0.5	17.97	394.80	395.66	396.30	398.07	0.097283	6.96	1.68	1.68	2.81	4.84	2.62
Rio Africo	117.14*	Max WS	TR30_D1	14.10	394.80	395.57	396.11	397.59	0.097687	6.35	1.44	1.42	2.36	4.56	2.57
Rio Africo	117.14*	Max WS	TR30_D2	8.60	394.80	395.41	395.80	396.80	0.097667	5.23	0.97	0.93	1.69	4.07	2.45
Rio Africo	115.71*	Max WS	TR30_D0.5	17.96	393.97	394.83	395.47	397.27	0.096983	7.02	1.77	1.72	2.81	4.84	2.63
Rio Africo	115.71*	Max WS	TR30_D1	14.10	393.97	394.74	395.28	396.78	0.096965	6.40	1.53	1.46	2.36	4.55	2.57
Rio Africo	115.71*	Max WS	TR30_D2	8.60	393.97	394.58	394.97	395.98	0.095545	5.26	1.08	0.98	1.69	4.06	2.43
Rio Africo	114.29*	Max WS	TR30_D0.5	17.96	393.14	394.00	394.65	396.49	0.097964	7.11	1.86	1.75	2.80	4.84	2.65
Rio Africo	114.29*	Max WS	TR30_D1	14.09	393.14	393.90	394.46	396.00	0.098705	6.50	1.62	1.50	2.35	4.54	2.60
Rio Africo	114.29*	Max WS	TR30_D2	8.60	393.14	393.74	394.14	395.21	0.100465	5.39	1.18	1.03	1.66	4.03	2.50
Rio Africo	112.86*	Max WS	TR30_D0.5	17.95	392.31	393.18	393.82	395.64	0.094791	7.10	1.93	1.77	2.84	4.89	2.62
Rio Africo	112.86*	Max WS	TR30_D1	14.09	392.31	393.08	393.63	395.14	0.093883	6.46	1.69	1.52	2.40	4.58	2.55
Rio Africo	112.86*	Max WS	TR30_D2	8.60	392.31	392.92	393.31	394.33	0.091213	5.29	1.26	1.06	1.71	4.06	2.40
Rio Africo	111.43*	Max WS	TR30_D0.5	17.95	391.47	392.32	393.00	394.97	0.104079	7.37	2.06	1.84	2.76	4.85	2.74
Rio Africo	111.43*	Max WS	TR30_D1	14.09	391.47	392.23	392.80	394.48	0.106133	6.77	1.83	1.60	2.30	4.53	2.70
Rio Africo	111.43*	Max WS	TR30_D2	8.60	391.47	392.06	392.48	393.67	0.110001	5.66	1.39	1.13	1.60	3.98	2.62
Rio Africo	110	Max WS	TR30_D0.5	17.94	390.64	391.58	392.17	393.62	0.069366	6.55	1.99	1.71	3.22	5.11	2.29
Rio Africo	110	Max WS	TR30_D1	14.09	390.64	391.48	391.98	393.20	0.069140	5.98	1.74	1.50	2.70	4.82	2.23
Rio Africo	110	Max WS	TR30_D2	8.60	390.64	391.30	391.65	392.51	0.068872	4.95	1.34	1.10	1.89	4.23	2.13
Rio Africo	108.57*	Max WS	TR30_D0.5	17.93	390.09	390.99	391.56	392.96	0.068796	6.41	1.91	1.73	3.25	5.18	2.28
Rio Africo	108.57*	Max WS	TR30_D1	14.09	390.09	390.89	391.37	392.55	0.068637	5.85	1.68	1.52	2.73	4.90	2.22
Rio Africo	108.57*	Max WS	TR30_D2	8.60	390.09	390.71	391.05	391.87	0.068146	4.83	1.28	1.14	1.93	4.37	2.11
Rio Africo	107.14*	Max WS	TR30_D0.5	17.93	389.54	390.40	390.94	392.30	0.068416	6.28	1.83	1.74	3.27	5.27	2.27
Rio Africo	107.14*	Max WS	TR30_D1	14.09	389.54	390.30	390.76	391.90	0.068247	5.73	1.61	1.56	2.76	5.00	2.21
Rio Africo	107.14*	Max WS	TR30_D2	8.60	389.54	390.13	390.46	391.24	0.067275	4.72	1.23	1.19	1.97	4.52	2.10
Rio Africo	105.71*	Max WS	TR30_D0.5	17.93	388.98	389.82	390.34	391.65	0.067666	6.15	1.73	1.77	3.32	5.40	2.25
Rio Africo	105.71*	Max WS	TR30_D1	14.09	388.98	389.72	390.16	391.25	0.067331	5.60	1.53	1.60	2.81	5.12	2.19
Rio Africo	105.71*	Max WS	TR30_D2	8.60	388.98	389.55	389.87	390.63	0.068542	4.65	1.18	1.26	1.99	4.66	2.11
Rio Africo	104.29*	Max WS	TR30_D0.5	17.92	388.43	389.23	389.74	391.01	0.068739	6.06	1.60	1.86	3.33	5.45	2.26
Rio Africo	104.29*	Max WS	TR30_D1	14.09	388.43	389.14	389.57	390.63	0.068496	5.52	1.43	1.65	2.83	5.25	2.20
Rio Africo	104.29*	Max WS	TR30_D2	8.60	388.43	388.98	389.28	389.98	0.064806	4.48	1.09	1.31	2.06	4.84	2.05
Rio Africo	102.86*	Max WS	TR30_D0.5	17.90	387.88	388.72	389.14	390.12	0.049083	5.37	1.26	1.79	3.77	5.59	1.93
Rio Africo	102.86*	Max WS	TR30_D1	14.09	387.88	388.59	388.97	389.90	0.059514	5.19	1.19	1.69	3.00	5.36	2.06
Rio Africo	102.86*	Max WS	TR30_D2	8.60	387.88	388.40	388.69	389.43	0.072905	4.56	0.99	1.43	2.02	4.97	2.15
Rio Africo	101.43*	Max WS	TR30_D0.5	17.90	387.32	388.45	388.55	389.12	0.015911	3.74	0.65	1.29	5.48	5.89	1.16
Rio Africo	101.43*	Max WS	TR30_D1	14.09	387.32	388.24	388.38	388.90	0.020470	3.68	0.64	1.29	4.30	5.64	1.27
Rio Africo	101.43*	Max WS	TR30_D2	8.60	387.32	387.94	388.11	388.56	0.034321	3.55	0.59	1.25	2.63	5.26	1.53
Rio Africo	100	Max WS	TR30_D0.5	17.88	386.77	388.36	387.96	388.65	0.004286	2.48	0.02	0.79	8.25	6.21	0.64
Rio Africo	100	Max WS	TR30_D1	14.08	386.77	388.13	387.80	388.39	0.004544	2.30	0.02	0.78	6.90	5.81	0.64
Rio Africo	100	Max WS	TR30_D2	8.60	386.77	387.77	387.53	387.95	0.005210	1.97	0.01	0.71	4.81	5.54	0.65
Rio Africo	70			Bridge											
Rio Africo	40	Max WS	TR30_D0.5	17.88	373.90	375.65	376.07	376.96	0.048970	5.18	0.22	0.91	4.14	8.67	1.33
Rio Africo	40	Max WS	TR30_D1	14.08	373.90	375.49	375.93	376.64	0.047586	4.75		0.18	2.97	2.17	1.29
Rio Africo	40	Max WS	TR30_D2	8.60	373.90	375.17	375.28	375.90	0.038054	3.78			2.27	2.08	1.16
Rio Africo	39.99			Lat Struct											
Rio Africo	39.98			Lat Struct											
Rio Africo	38.334*	Max WS	TR30_D0.5	17.86	373.86	375.50	376.07	377.25	0.070949	5.85		0.24	3.06	2.17	1.57
Rio Africo	38.334*	Max WS	TR30_D1	14.07	373.86	375.35	375.92	376.70	0.063063	5.14			2.74	2.15	1.45
Rio Africo	38.334*	Max WS	TR30_D2	8.60	373.86	375.06	375.25	375.90	0.045424	4.05			2.12	2.04	1.27
Rio Africo	36.667	Max WS	TR30_D0.5	17.79	373.83	375.27	376.05	377.61	0.111965	6.77			2.63	2.12	1.94
Rio Africo	36.667	Max WS	TR30_D1	14.05	373.83	375.17	375.91	376.91	0.087867	5.84			2.41	2.08	1.74
Rio Africo	36.667	Max WS	TR30_D2	8.60	373.83	374.93	375.22	375.95	0.058694	4.46			1.93	2.00	1.45
Rio Africo_V	33.333*	Max WS	TR30_D0.5	23.32	373.67	375.27	375.72	376.72	0.022262	5.69	1.18	1.14	6.14	8.80	1.46
Rio Africo_V	33.333*	Max WS	TR30_D1	17.99	373.67	375.17	375.52	376.22	0.017545	4.81	0.90	1.10	5.28	7.34	1.28
Rio Africo_V	33.333*	Max WS	TR30_D2	10.91	373.67	374.93	374.97	375.51	0.011975	3.53	0.84	1.01	3.92	4.28	1.03
Rio Africo_V	33.31			Lat Struct											
Rio Africo_V	33.3			Lat Struct											
Rio Africo_V	30	Max WS	TR30_D0.5	22.12	373.52	375.18	375.53	376.30	0.016978	5.08	1.09	0.94	7.05	10.97	1.28
Rio Africo_V	30	Max WS	TR30_D1	18.12	373.52	375.09	375.39	376.03	0.014843	4.57	0.92	0.95	5.82	8.29	1.19
Rio Africo_V	30	Max WS	TR30_D2	10.92	373.52	374.88	374.82	375.36	0.009093	3.24	0.77	0.93	4.34	4.45	0.91
Rio Africo_V	27.500*	Max WS	TR30_D0.5	20.09	373.32	375.04	375.24	375.80	0.010447	4.11	0.87	0.69	7.58	11.40	1.01
Rio Africo_V	27.500*	Max WS	TR30_D1	16.90	373.32	374.97	375.13	375.61	0.009108	3.73	0.75	0.64	6.45	9.11	0.94
Rio Africo_V	27.500*	Max WS	TR30_D2	10.83	373.32	374.81	374.57	375.16	0.005602	2.72	0.44	0.67	5.18	6.54	0.72
Rio Africo_V	25.000*	Max WS	TR30_D0.5	17.57	373.11	374.97	374.93	375.39	0.005240	3.06	0.66	0.50	8.78	11.83	0.73
Rio Africo_V	25.000*	Max WS	TR30_D1	15.10	373.11	374.91	374.66	375.26	0.004515	2.78	0.57	0.41	8.07	11.83	0.67
Rio Africo_V	25.000*	Max WS	TR30_D2	10.22	373.11	374.79		375.00	0.002853	2.11	0.39	0.29	6.44	8.82	0.53
Rio Africo_V	22.500	Max WS	TR30_D0.5	13.09	372.91	375.00	374.20	375.14	0.001560	1.81	0.42	0.32	11.34	12.26	0.40
Rio Africo_V	22.500	Max WS	TR30_D1	11.22	372.91	374.95	374.08	375.07	0.001259	1.60	0.36	0.27	10.82	12.26	0.36
Rio Africo_V	22.500	Max WS	TR30_D2	7.85	372.91	374.87	373.84	374.93	0.000755	1.20	0.26	0.18	9.73	12.26	0.28
Rio Africo_V	22.10			Bridge											
Rio Africo_V	22.00	Max WS	TR30_D0.5	13.07	372.85	374.03	374.14	374.75	0.014880	3.77	0.37	0.44	3.67	3.84	1.13

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Rio Africo_V	22.00	Max WS	TR30_D1	11.21	372.85	373.93	374.02	374.57	0.014785	3.54	0.27	0.41	3.30	3.65	1.11
Rio Africo_V	22.00	Max WS	TR30_D2	7.85	372.85	373.74	373.78	374.22	0.014700	3.07	0.08	0.36	2.62	3.28	1.07
Rio Africo_V	19.667*	Max WS	TR30_D0.5	13.65	372.69	373.89	374.09	374.72	0.017665	4.11	0.64	0.91	3.78	4.36	1.23
Rio Africo_V	19.667*	Max WS	TR30_D1	11.60	372.69	373.79	373.95	374.52	0.017220	3.83	0.59	0.84	3.39	3.98	1.20
Rio Africo_V	19.667*	Max WS	TR30_D2	7.93	372.69	373.60	373.67	374.12	0.016108	3.23	0.53	0.71	2.68	3.55	1.12
Rio Africo_V	17.333*	Max WS	TR30_D0.5	14.11	372.52	373.71	374.03	374.72	0.023222	4.59	1.02	1.23	3.65	4.18	1.40
Rio Africo_V	17.333*	Max WS	TR30_D1	11.92	372.52	373.62	373.86	374.49	0.022129	4.24	0.94	1.13	3.29	4.04	1.35
Rio Africo_V	17.333*	Max WS	TR30_D2	6.50	372.52	373.51	373.45	373.85	0.010127	2.64	0.58	0.70	2.83	3.86	0.89
Rio Africo_V	15	Max WS	TR30_D0.5	14.22	372.35	373.39	373.94	375.08	0.051201	5.96	1.51	1.67	2.85	4.10	2.00
Rio Africo_V	15	Max WS	TR30_D1	6.50	372.35	373.36	373.36	373.74	0.012241	2.84	0.72	0.79	2.72	4.03	0.97
Rio Africo_V	15	Max WS	TR30_D2	6.50	372.35	373.36	373.36	373.74	0.012241	2.84	0.72	0.79	2.72	4.03	0.97
Rio Africo_V	12.200*	Max WS	TR30_D0.5	14.23	371.97	373.02	373.37	374.16	0.035919	4.82	1.17	1.18	3.28	4.66	1.65
Rio Africo_V	12.200*	Max WS	TR30_D1	12.04	371.97	372.96	373.25	373.92	0.033170	4.41	1.06	1.05	3.00	4.52	1.57
Rio Africo_V	12.200*	Max WS	TR30_D2	8.10	371.97	372.85	373.00	373.44	0.024285	3.44	0.80	0.77	2.53	4.28	1.31
Rio Africo_V	9.400*	Max WS	TR30_D0.5	14.43	371.58	372.79	372.90	373.41	0.016797	3.53	0.83	0.80	4.43	5.56	1.14
Rio Africo_V	9.400*	Max WS	TR30_D1	12.12	371.58	372.76	372.78	373.23	0.013489	3.08	0.72	0.68	4.24	5.47	1.02
Rio Africo_V	9.400*	Max WS	TR30_D2	5.88	371.58	372.73		372.85	0.003554	1.55	0.36	0.34	4.07	5.40	0.52
Rio Africo_V	6.600*	Max WS	TR30_D0.5	5.61	371.19	372.76		372.80	0.000734	0.87	0.21	0.20	7.05	7.01	0.25
Rio Africo_V	6.600*	Max WS	TR30_D1	5.61	371.19	372.76		372.80	0.000734	0.87	0.21	0.20	7.05	7.01	0.25
Rio Africo_V	6.600*	Max WS	TR30_D2	5.61	371.19	372.76		372.80	0.000734	0.87	0.21	0.20	7.05	7.01	0.25
Rio Africo_V	3.800*	Max WS	TR30_D0.5	5.29	370.81	372.76		372.78	0.000222	0.56	0.13	0.13	10.73	9.33	0.14
Rio Africo_V	3.800*	Max WS	TR30_D1	5.29	370.81	372.76		372.78	0.000222	0.56	0.13	0.13	10.73	9.33	0.14
Rio Africo_V	3.800*	Max WS	TR30_D2	5.29	370.81	372.76		372.78	0.000222	0.56	0.13	0.13	10.73	9.33	0.14
Rio Africo_V	1	Max WS	TR30_D0.5	6.50	370.42	372.75	371.26	372.76	0.000140	0.49	0.11	0.12	15.37	12.80	0.11
Rio Africo_V	1	Max WS	TR30_D1	6.50	370.42	372.75	371.26	372.76	0.000140	0.49	0.11	0.12	15.37	12.80	0.11
Rio Africo_V	1	Max WS	TR30_D2	6.50	370.42	372.75	371.26	372.76	0.000140	0.49	0.11	0.12	15.37	12.80	0.11

ALLEGATI

MODELLAZIONE HEC-RAS 6.3.1 "STRADA"

F. SCOPILLI

MODELLAZIONE PER TR=30 e 200 ANNI

DURATA DI PIOGGIA: 0.5, 1 e 2 h

Profilo longitudinale

Sezioni Trasversali

Dati idraulici

ALLEGATI

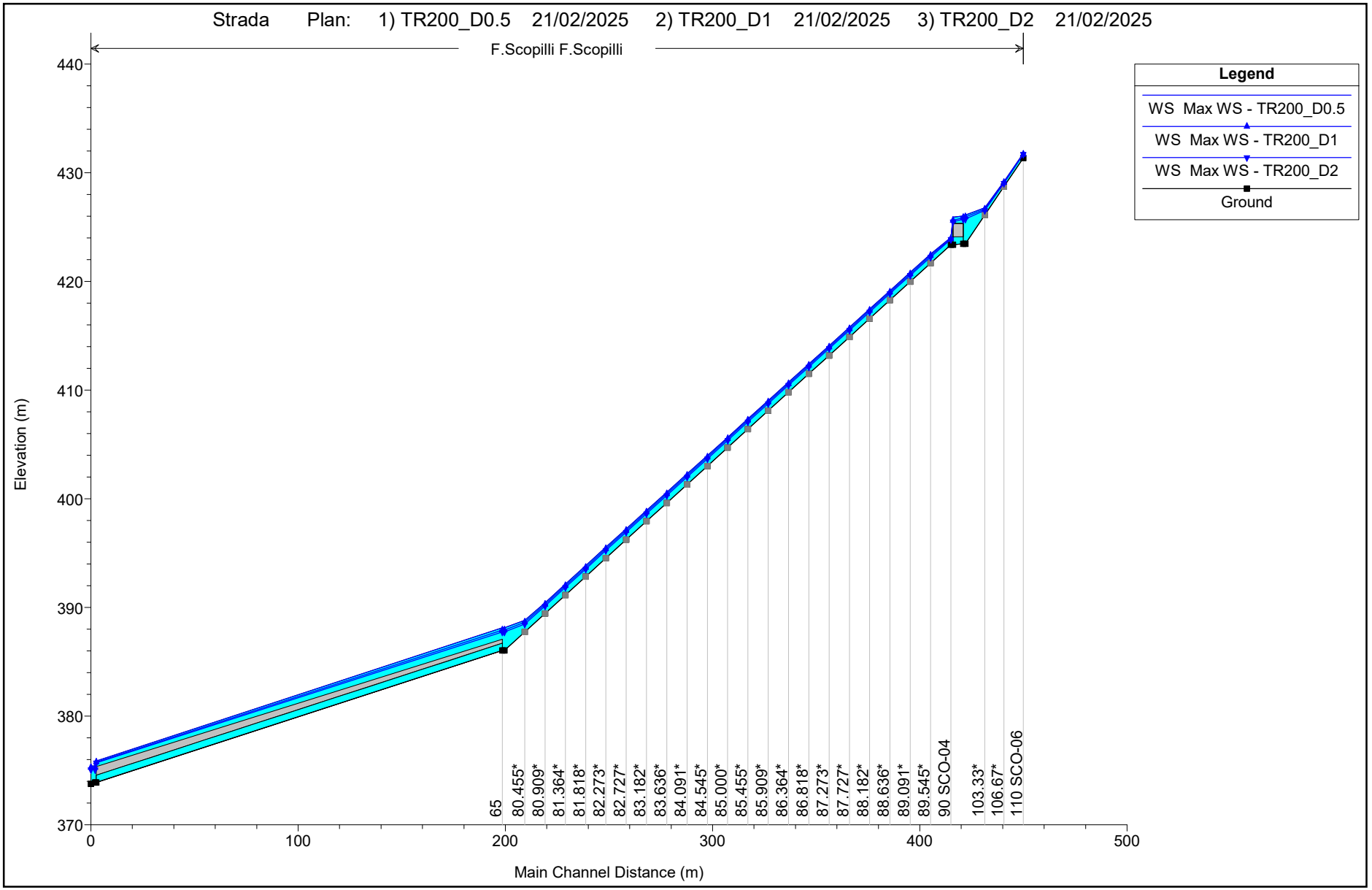
MODELLAZIONE HEC-RAS 6.3.1 "STRADA"

F. SCOPILLI

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 0.5, 1 e 2 h

Profilo longitudinale


Strada Plan: 1) TR200_D0.5 21/02/2025 2) TR200_D1 21/02/2025 3) TR200_D2 21/02/2025
F.Scopilli F.Scopilli
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Elevation (m)
440
430
420
410
400
390
380
370
0
100
200
300
400
500
Main Channel Distance (m)
65
80.455*
80.909*
81.364*
81.818*
82.273*
82.727*
83.182*
83.636*
84.091*
84.545*
85.000*
85.455*
85.909*
86.364*
86.818*
87.273*
87.727*
88.182*
88.636*
89.091*
89.545*
90 SCO-04
103.33*
106.67*
110 SCO-06

ALLEGATI

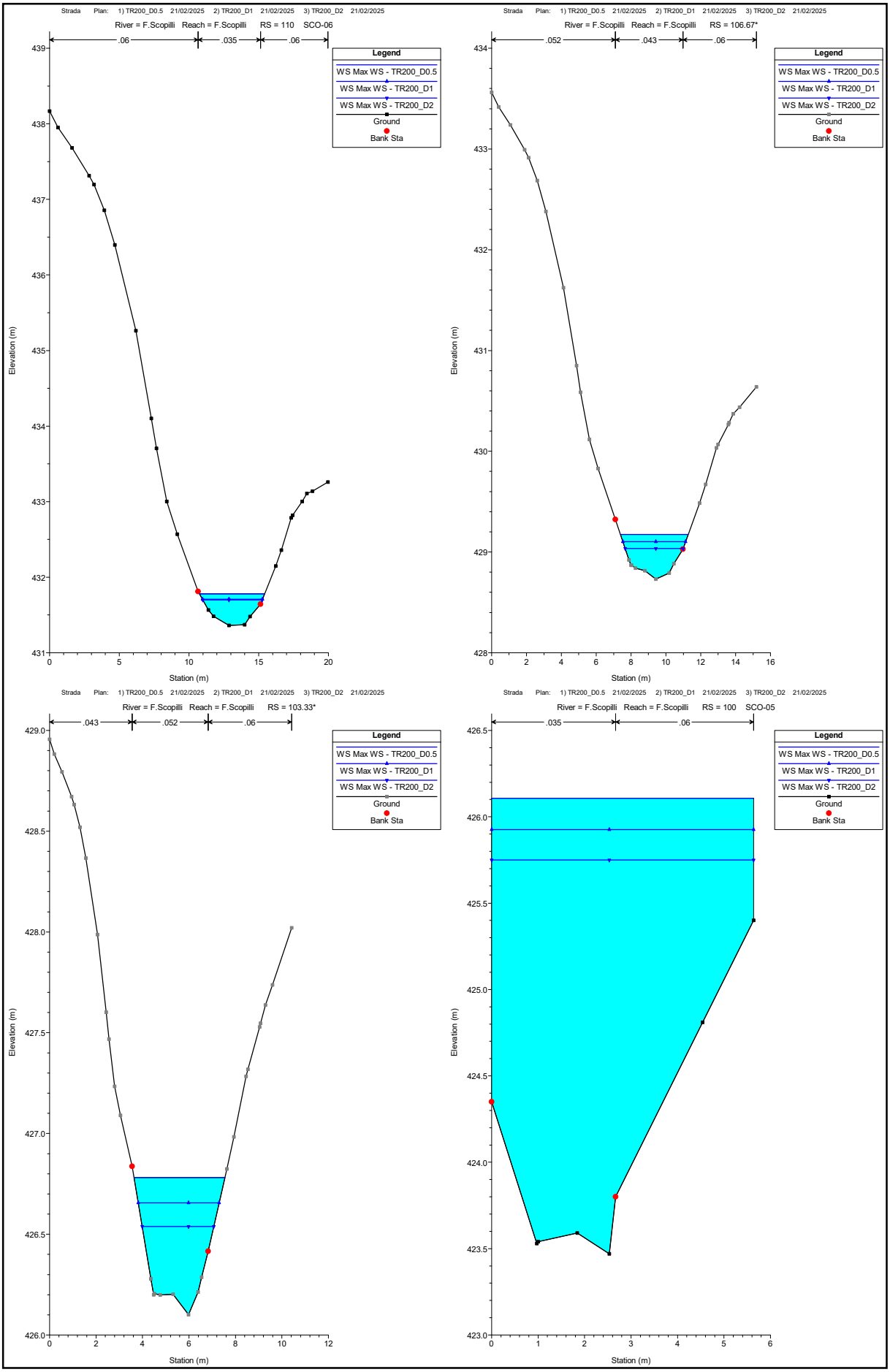
MODELLAZIONE HEC-RAS 6.3.1 "STRADA"

F. SCOPILLI

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 0.5, 1 e 2 h

Sezioni Trasversali (da monte verso valle)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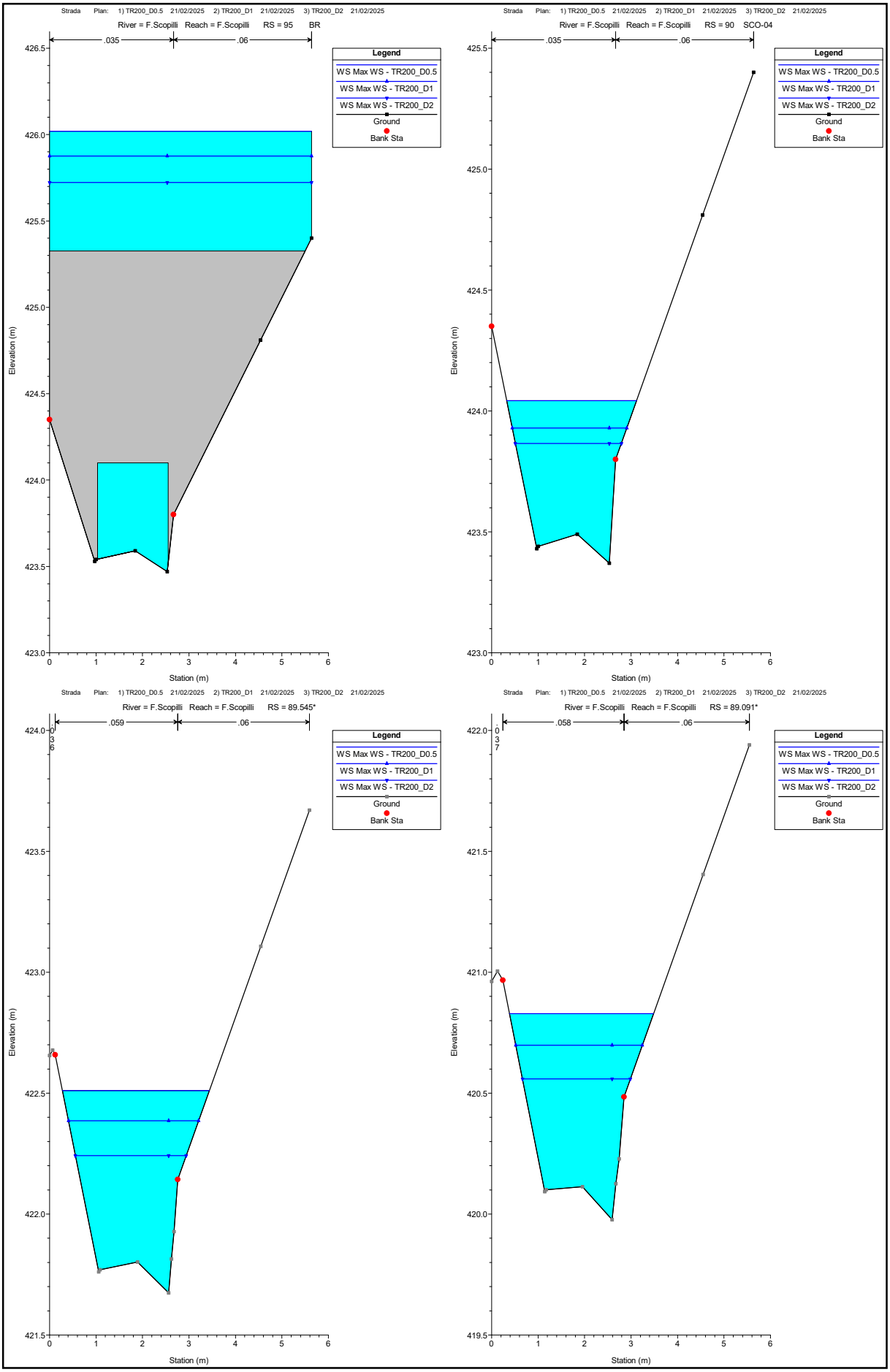
River = F.Scopilli Reach = F.Scopilli RS = 110 SCO-06
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR200_D0.5 21/02/2025 2) TR200_D1 21/02/2025 3) TR200_D2 21/02/2025
River = F.Scopilli Reach = F.Scopilli RS = 106.67*
.052 .043 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR200_D0.5 21/02/2025 2) TR200_D1 21/02/2025 3) TR200_D2 21/02/2025
River = F.Scopilli Reach = F.Scopilli RS = 103.33*
.043 .052 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR200_D0.5 21/02/2025 2) TR200_D1 21/02/2025 3) TR200_D2 21/02/2025
River = F.Scopilli Reach = F.Scopilli RS = 100 SCO-05
.035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)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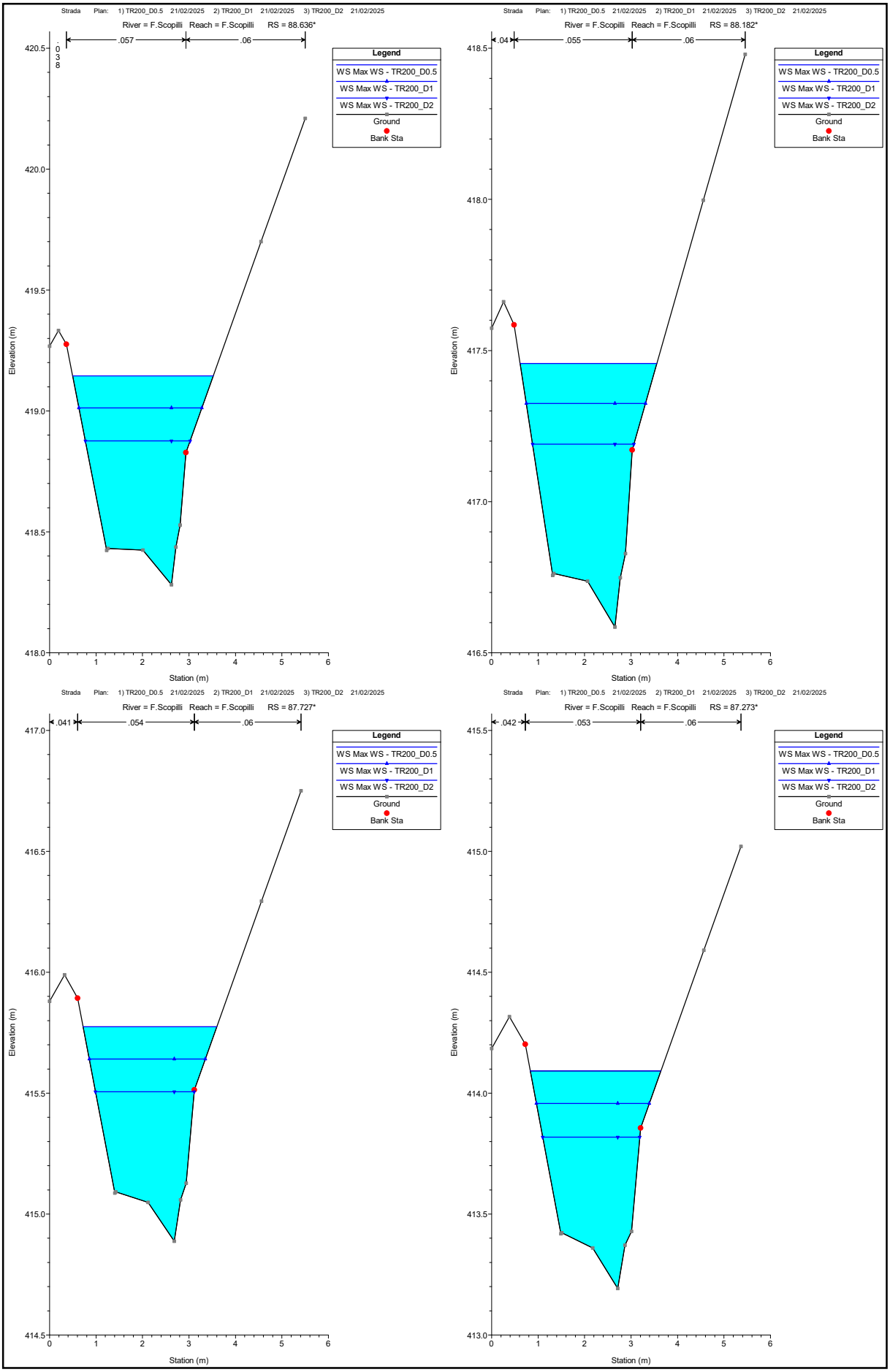
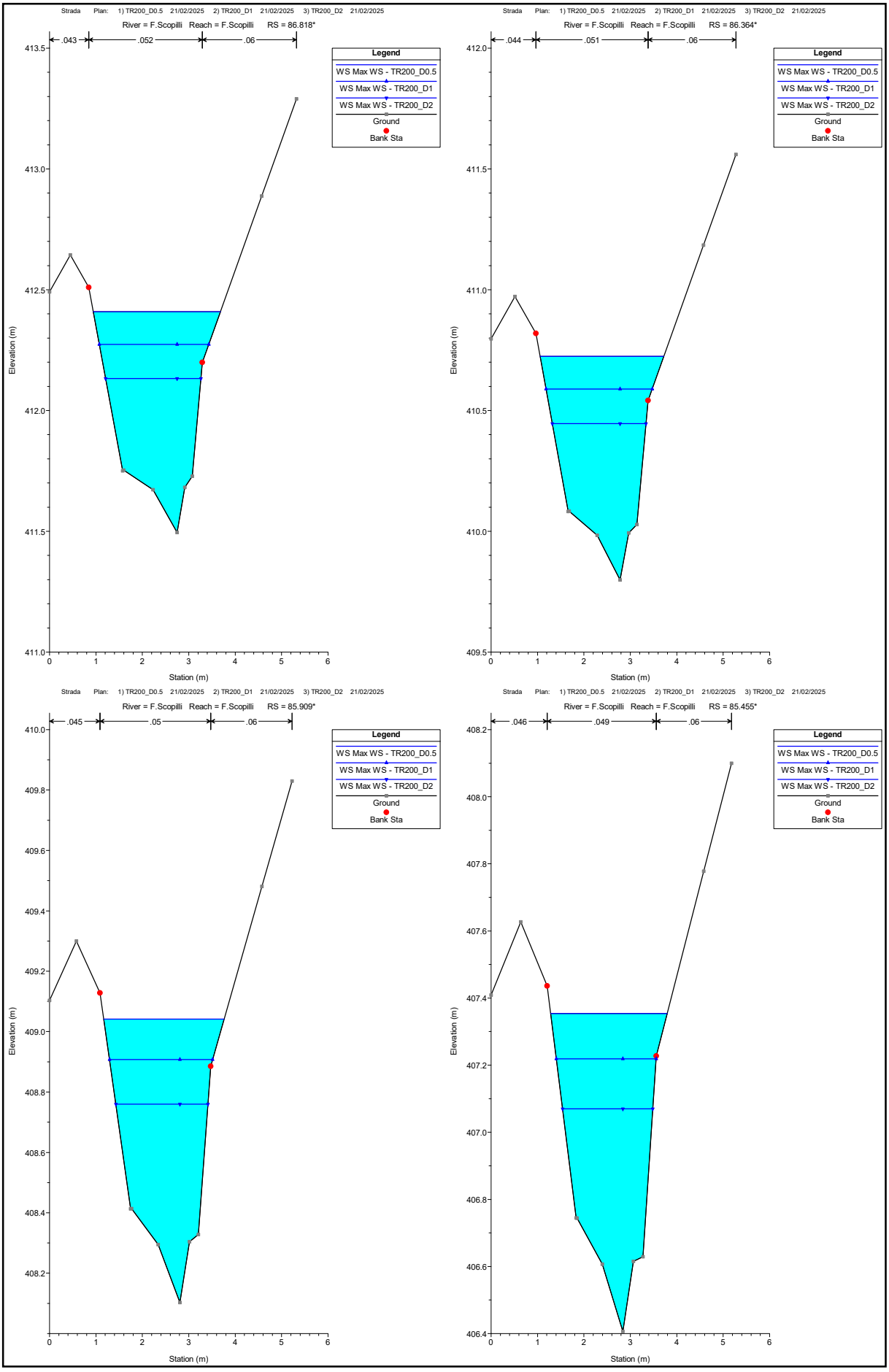
River = F.Scopilli Reach = F.Scopilli RS = 95 BR
.035
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR200_D0.5 21/02/2025 2) TR200_D1 21/02/2025 3) TR200_D2 21/02/2025
River = F.Scopilli Reach = F.Scopilli RS = 90 SCO-04
.035
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR200_D0.5 21/02/2025 2) TR200_D1 21/02/2025 3) TR200_D2 21/02/2025
River = F.Scopilli Reach = F.Scopilli RS = 89.545*
.059
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR200_D0.5 21/02/2025 2) TR200_D1 21/02/2025 3) TR200_D2 21/02/2025
River = F.Scopilli Reach = F.Scopilli RS = 89.091*
.058
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Strada Plan: 1) TR200_D0.5 21/02/2025 2) TR200_D1 21/02/2025 3) TR200_D2 21/02/2025
River = F.Scopilli Reach = F.Scopilli RS = 88.636*
.057
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR200_D0.5 21/02/2025 2) TR200_D1 21/02/2025 3) TR200_D2 21/02/2025
River = F.Scopilli Reach = F.Scopilli RS = 88.182*
.04
.055
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR200_D0.5 21/02/2025 2) TR200_D1 21/02/2025 3) TR200_D2 21/02/2025
River = F.Scopilli Reach = F.Scopilli RS = 87.727*
.041
.054
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR200_D0.5 21/02/2025 2) TR200_D1 21/02/2025 3) TR200_D2 21/02/2025
River = F.Scopilli Reach = F.Scopilli RS = 87.273*
.042
.053
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)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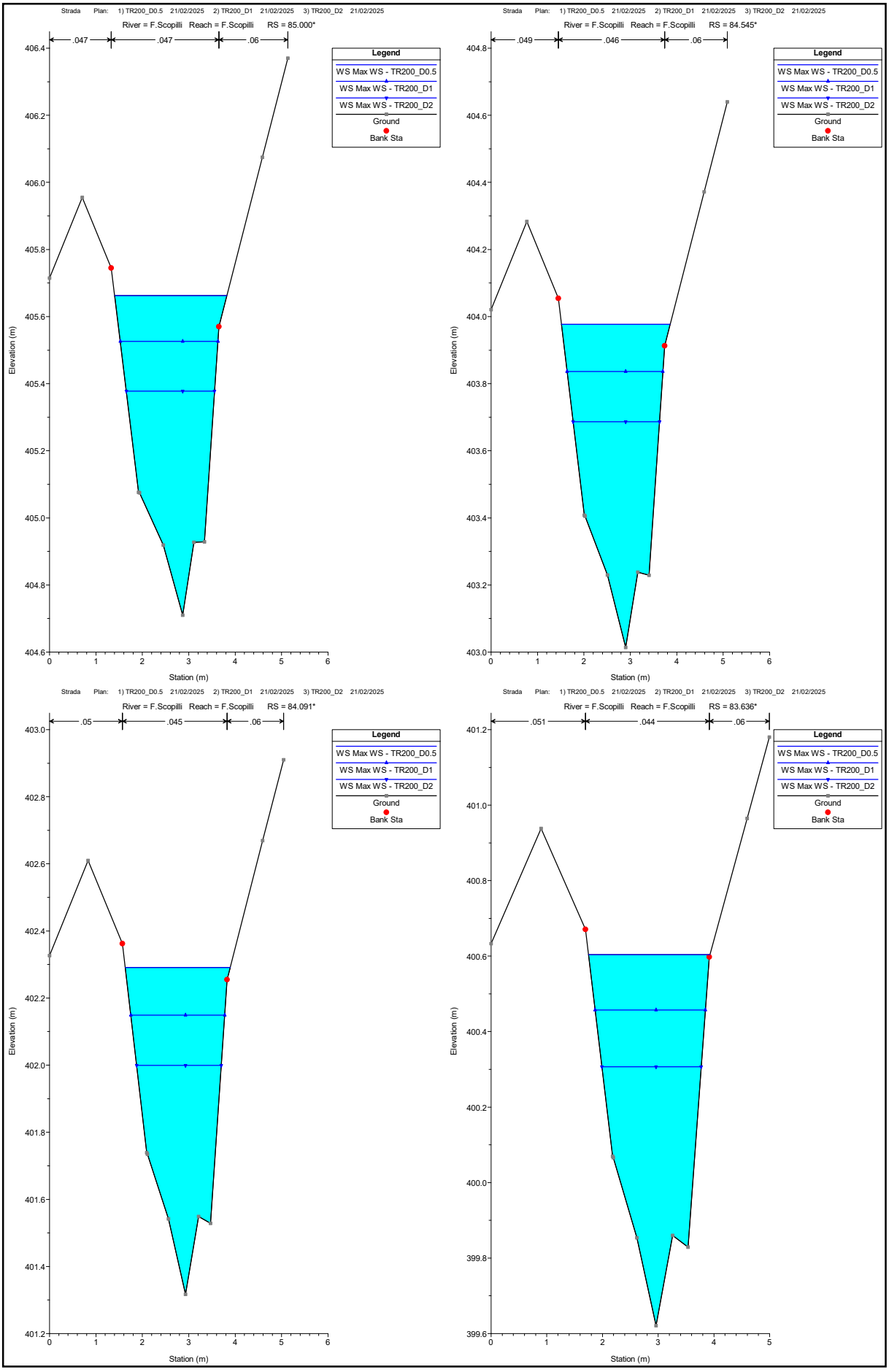
River = F.Scopilli Reach = F.Scopilli RS = 86.818*
.043
.052
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR200_D0.5 21/02/2025 2) TR200_D1 21/02/2025 3) TR200_D2 21/02/2025
River = F.Scopilli Reach = F.Scopilli RS = 86.364*
.044
.051
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR200_D0.5 21/02/2025 2) TR200_D1 21/02/2025 3) TR200_D2 21/02/2025
River = F.Scopilli Reach = F.Scopilli RS = 85.909*
.045
.05
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR200_D0.5 21/02/2025 2) TR200_D1 21/02/2025 3) TR200_D2 21/02/2025
River = F.Scopilli Reach = F.Scopilli RS = 85.455*
.046
.049
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)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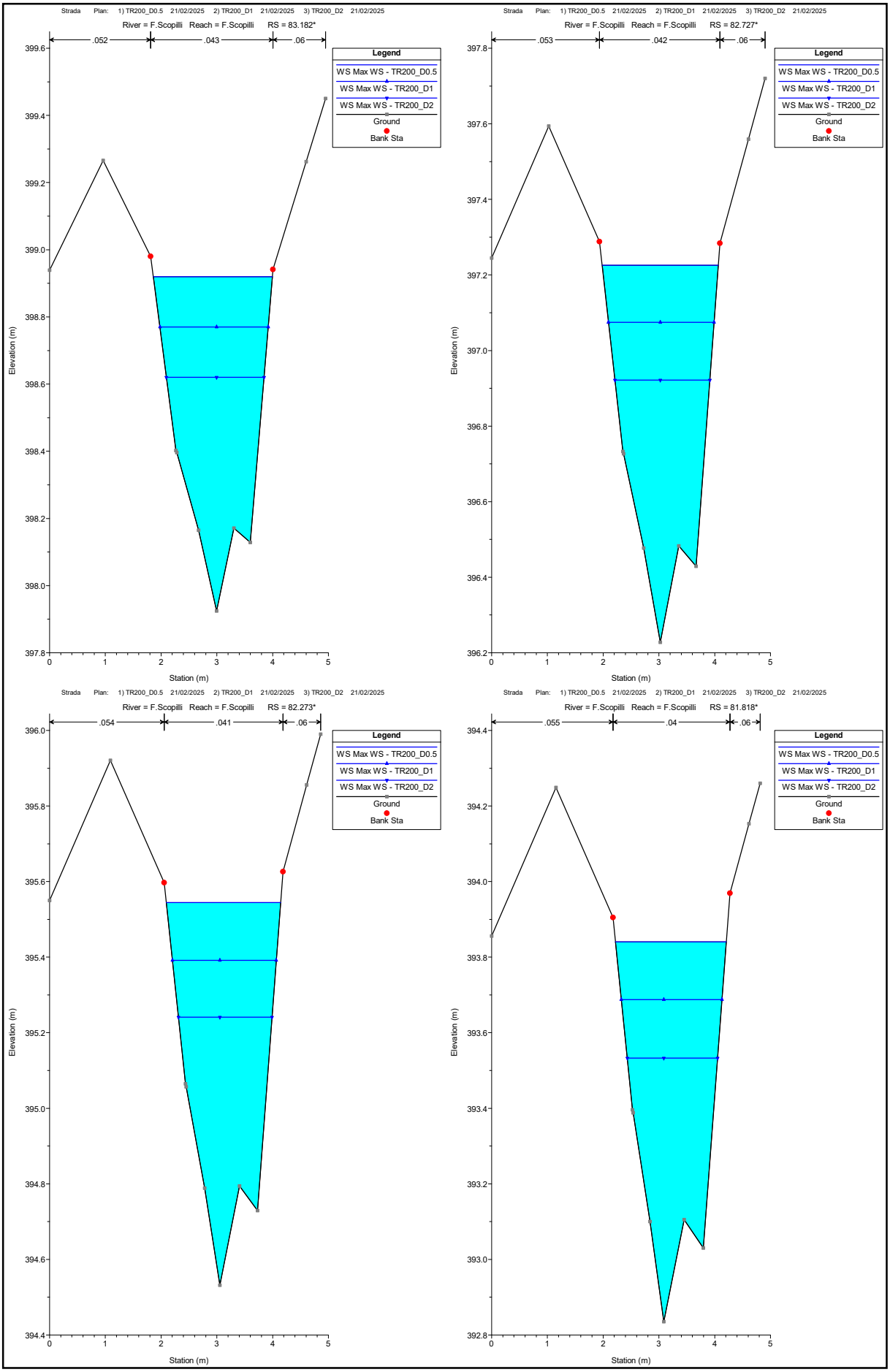
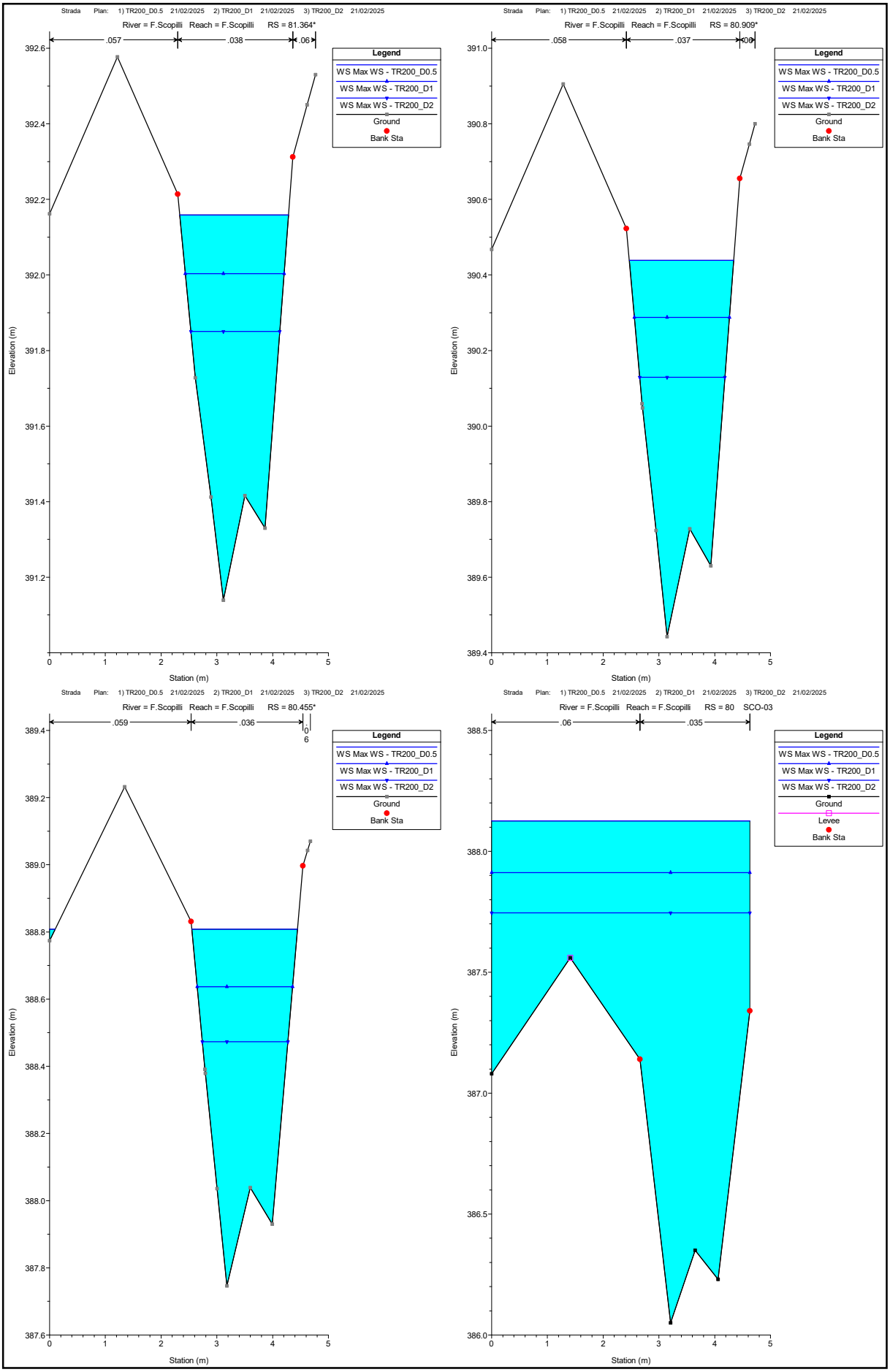
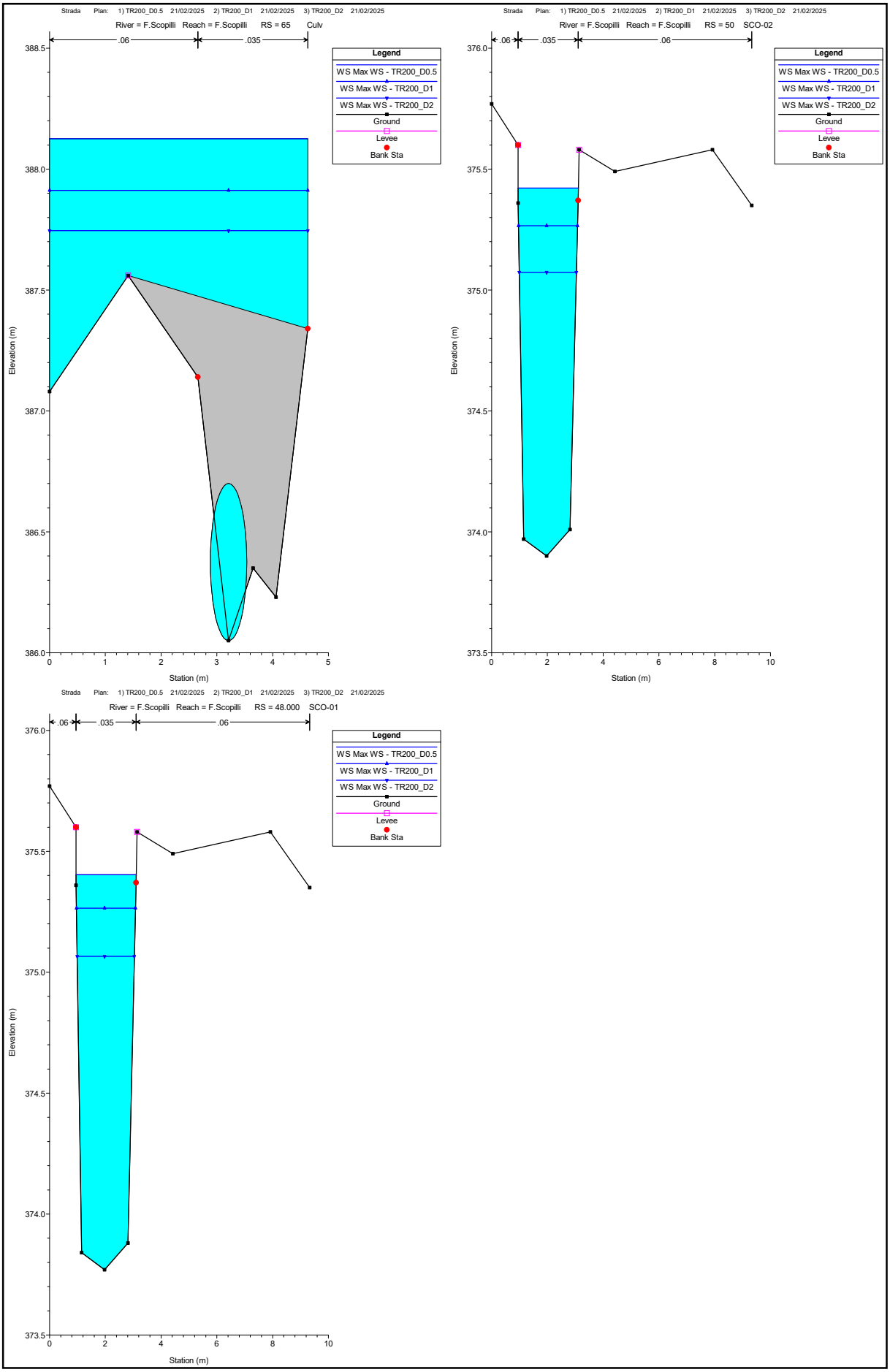
River = F.Scopilli Reach = F.Scopilli RS = 85.000*
.047 .047 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR200_D0.5 21/02/2025 2) TR200_D1 21/02/2025 3) TR200_D2 21/02/2025
River = F.Scopilli Reach = F.Scopilli RS = 84.545*
.049 .046 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR200_D0.5 21/02/2025 2) TR200_D1 21/02/2025 3) TR200_D2 21/02/2025
River = F.Scopilli Reach = F.Scopilli RS = 84.091*
.05 .045 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR200_D0.5 21/02/2025 2) TR200_D1 21/02/2025 3) TR200_D2 21/02/2025
River = F.Scopilli Reach = F.Scopilli RS = 83.636*
.051 .044 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Strada Plan: 1) TR200_D0.5 21/02/2025 2) TR200_D1 21/02/2025 3) TR200_D2 21/02/2025
River = F.Scopilli Reach = F.Scopilli RS = 83.182*
.052
.043
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR200_D0.5 21/02/2025 2) TR200_D1 21/02/2025 3) TR200_D2 21/02/2025
River = F.Scopilli Reach = F.Scopilli RS = 82.727*
.053
.042
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR200_D0.5 21/02/2025 2) TR200_D1 21/02/2025 3) TR200_D2 21/02/2025
River = F.Scopilli Reach = F.Scopilli RS = 82.273*
.054
.041
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR200_D0.5 21/02/2025 2) TR200_D1 21/02/2025 3) TR200_D2 21/02/2025
River = F.Scopilli Reach = F.Scopilli RS = 81.818*
.055
.04
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Strada Plan: 1) TR200_D0.5 21/02/2025 2) TR200_D1 21/02/2025 3) TR200_D2 21/02/2025
River = F.Scopilli Reach = F.Scopilli RS = 81.364*
.057
.038
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR200_D0.5 21/02/2025 2) TR200_D1 21/02/2025 3) TR200_D2 21/02/2025
River = F.Scopilli Reach = F.Scopilli RS = 80.909*
.058
.037
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR200_D0.5 21/02/2025 2) TR200_D1 21/02/2025 3) TR200_D2 21/02/2025
River = F.Scopilli Reach = F.Scopilli RS = 80.455*
.059
.036
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR200_D0.5 21/02/2025 2) TR200_D1 21/02/2025 3) TR200_D2 21/02/2025
River = F.Scopilli Reach = F.Scopilli RS = 80 SCO-03
.06
.035
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)


Strada Plan: 1) TR200_D0.5 21/02/2025 2) TR200_D1 21/02/2025 3) TR200_D2 21/02/2025
River = F.Scopilli Reach = F.Scopilli RS = 65 Culv
.06
.035
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR200_D0.5 21/02/2025 2) TR200_D1 21/02/2025 3) TR200_D2 21/02/2025
River = F.Scopilli Reach = F.Scopilli RS = 50 SCO-02
.06
.035
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR200_D0.5 21/02/2025 2) TR200_D1 21/02/2025 3) TR200_D2 21/02/2025
River = F.Scopilli Reach = F.Scopilli RS = 48.000 SCO-01
.06
.035
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)

ALLEGATI

MODELLAZIONE HEC-RAS 6.3.1 "STRADA"

F. SCOPILLI

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 0.5, 1 e 2 h

Dati idraulici

HEC-RAS River: F.Scopilli Reach: F.Scopilli Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
F.Scopilli	110	Max WS	TR200_D0.5	7.40	431.36	431.78	432.14	433.36	0.192967	5.58		1.14	1.34	4.67	3.24
F.Scopilli	110	Max WS	TR200_D1	5.00	431.36	431.71	431.99	432.94	0.199271	4.92		0.70	1.02	4.30	3.18
F.Scopilli	110	Max WS	TR200_D2	1.50	431.36	431.70	431.70	431.82	0.020020	1.53		0.20	0.98	4.26	1.00
F.Scopilli	109.99			Lat Struct											
F.Scopilli	109.98			Lat Struct											
F.Scopilli	106.67*	Max WS	TR200_D0.5	7.39	428.73	429.17	429.60	431.29	0.372122	6.46		1.66	1.16	3.89	3.66
F.Scopilli	106.67*	Max WS	TR200_D1	5.00	428.73	429.10	429.44	430.74	0.379037	5.66		1.05	0.89	3.60	3.57
F.Scopilli	106.67*	Max WS	TR200_D2	3.10	428.73	429.03	429.29	430.18	0.371290	4.73		0.20	0.66	3.33	3.40
F.Scopilli	103.33*	Max WS	TR200_D0.5	7.36	426.10	426.78	427.08	427.75	0.145557	4.42		1.90	1.74	3.92	1.99
F.Scopilli	103.33*	Max WS	TR200_D1	4.99	426.10	426.66	426.90	427.47	0.159152	4.02		1.50	1.28	3.49	2.02
F.Scopilli	103.33*	Max WS	TR200_D2	3.10	426.10	426.54	426.73	427.17	0.173022	3.52		1.00	0.89	3.08	2.02
F.Scopilli	100	Max WS	TR200_D0.5	7.12	423.47	426.11	424.57	426.13	0.000569	0.81		0.42	10.91	5.64	0.17
F.Scopilli	100	Max WS	TR200_D1	4.92	423.47	425.93	424.38	425.94	0.000350	0.62		0.31	9.89	5.64	0.13
F.Scopilli	100	Max WS	TR200_D2	3.10	423.47	425.75	424.19	425.76	0.000183	0.43		0.21	8.89	5.64	0.10
F.Scopilli	95			Bridge											
F.Scopilli	90	Max WS	TR200_D0.5	7.12	423.37	424.04	424.50	425.81	0.142410	5.93		1.42	1.24	2.80	2.66
F.Scopilli	90	Max WS	TR200_D1	4.92	423.37	423.93	424.31	425.34	0.144909	5.28		0.94	0.95	2.47	2.61
F.Scopilli	90	Max WS	TR200_D2	1.50	423.37	423.87	423.87	424.05	0.022318	1.90		0.23	0.79	2.28	1.00
F.Scopilli	89.99			Lat Struct											
F.Scopilli	89.98			Lat Struct											
F.Scopilli	89.545*	Max WS	TR200_D0.5	7.04	421.67	422.51	422.82	423.47	0.173542	4.41		2.06	1.66	3.16	1.79
F.Scopilli	89.545*	Max WS	TR200_D1	4.98	421.67	422.39	422.64	423.18	0.173329	3.97		1.56	1.29	2.80	1.75
F.Scopilli	89.545*	Max WS	TR200_D2	3.10	421.67	422.24	422.43	422.83	0.175002	3.41		0.86	0.92	2.39	1.70
F.Scopilli	89.091*	Max WS	TR200_D0.5	7.02	419.98	420.83	421.15	421.82	0.172631	4.47		1.97	1.63	3.10	1.81
F.Scopilli	89.091*	Max WS	TR200_D1	4.89	419.98	420.70	420.96	421.50	0.171966	3.99		1.43	1.25	2.72	1.77
F.Scopilli	89.091*	Max WS	TR200_D2	3.09	419.98	420.56	420.75	421.16	0.173983	3.44		0.71	0.90	2.32	1.72
F.Scopilli	88.636*	Max WS	TR200_D0.5	7.02	418.28	419.14	419.47	420.18	0.174318	4.55		1.87	1.60	3.03	1.85
F.Scopilli	88.636*	Max WS	TR200_D1	4.87	418.28	419.01	419.28	419.85	0.174292	4.06		1.30	1.22	2.65	1.80
F.Scopilli	88.636*	Max WS	TR200_D2	3.09	418.28	418.88	419.07	419.50	0.174026	3.49		0.53	0.89	2.26	1.74
F.Scopilli	88.182*	Max WS	TR200_D0.5	7.01	416.59	417.46	417.80	418.55	0.173591	4.66		1.74	1.55	2.94	1.90
F.Scopilli	88.182*	Max WS	TR200_D1	4.87	416.59	417.32	417.61	418.20	0.173651	4.15		1.15	1.19	2.57	1.86
F.Scopilli	88.182*	Max WS	TR200_D2	3.09	416.59	417.19	417.40	417.83	0.171901	3.56		0.29	0.87	2.18	1.78
F.Scopilli	87.727*	Max WS	TR200_D0.5	7.01	414.89	415.77	416.13	416.89	0.172809	4.72		1.64	1.53	2.88	1.92
F.Scopilli	87.727*	Max WS	TR200_D1	4.87	414.89	415.64	415.93	416.54	0.173696	4.21		1.01	1.17	2.50	1.88
F.Scopilli	87.727*	Max WS	TR200_D2	3.09	414.89	415.51	415.72	416.17	0.172019	3.60			0.86	2.12	1.81
F.Scopilli	87.273*	Max WS	TR200_D0.5	7.01	413.19	414.09	414.46	415.24	0.172585	4.77		1.53	1.50	2.81	1.95
F.Scopilli	87.273*	Max WS	TR200_D1	4.86	413.19	413.96	414.26	414.88	0.173694	4.26		0.87	1.15	2.43	1.91
F.Scopilli	87.273*	Max WS	TR200_D2	3.09	413.19	413.82	414.04	414.51	0.174811	3.68			0.84	2.09	1.86
F.Scopilli	86.818*	Max WS	TR200_D0.5	7.00	411.49	412.41	412.79	413.59	0.171978	4.83		1.41	1.48	2.74	1.97
F.Scopilli	86.818*	Max WS	TR200_D1	4.86	411.49	412.27	412.58	413.22	0.173345	4.30		0.71	1.14	2.36	1.93
F.Scopilli	86.818*	Max WS	TR200_D2	3.09	411.49	412.13	412.36	412.84	0.173721	3.73			0.83	2.06	1.88
F.Scopilli	86.364*	Max WS	TR200_D0.5	7.00	409.80	410.72	411.12	411.94	0.173168	4.90		1.29	1.45	2.66	2.00
F.Scopilli	86.364*	Max WS	TR200_D1	4.86	409.80	410.59	410.91	411.56	0.174007	4.36		0.53	1.12	2.29	1.95
F.Scopilli	86.364*	Max WS	TR200_D2	3.09	409.80	410.45	410.68	411.18	0.174832	3.80			0.81	2.02	1.92
F.Scopilli	85.909*	Max WS	TR200_D0.5	7.00	408.10	409.04	409.44	410.29	0.172537	4.95		1.16	1.43	2.59	2.02
F.Scopilli	85.909*	Max WS	TR200_D1	4.86	408.10	408.91	409.23	409.89	0.171648	4.38		0.32	1.11	2.22	1.96
F.Scopilli	85.909*	Max WS	TR200_D2	3.09	408.10	408.76	409.00	409.52	0.173529	3.86			0.80	1.98	1.94
F.Scopilli	85.455*	Max WS	TR200_D0.5	7.00	406.41	407.35	407.77	408.64	0.174954	5.03		1.02	1.40	2.51	2.06
F.Scopilli	85.455*	Max WS	TR200_D1	4.86	406.41	407.22	407.56	408.24	0.174849	4.47			1.09	2.15	2.01
F.Scopilli	85.455*	Max WS	TR200_D2	3.09	406.41	407.07	407.32	407.86	0.176022	3.94			0.78	1.94	1.98
F.Scopilli	85.000*	Max WS	TR200_D0.5	7.00	404.71	405.66	406.10	407.01	0.173261	5.15		0.82	1.37	2.42	2.11
F.Scopilli	85.000*	Max WS	TR200_D1	4.86	404.71	405.53	405.88	406.60	0.172784	4.59			1.06	2.11	2.06
F.Scopilli	85.000*	Max WS	TR200_D2	3.09	404.71	405.38	405.64	406.21	0.174005	4.05			0.76	1.90	2.04
F.Scopilli	84.545*	Max WS	TR200_D0.5	7.00	403.01	403.98	404.42	405.36	0.173809	5.21		0.64	1.35	2.34	2.14
F.Scopilli	84.545*	Max WS	TR200_D1	4.86	403.01	403.84	404.21	404.95	0.173712	4.67			1.04	2.06	2.10
F.Scopilli	84.545*	Max WS	TR200_D2	3.09	403.01	403.69	403.95	404.56	0.175779	4.13			0.75	1.86	2.08
F.Scopilli	84.091*	Max WS	TR200_D0.5	7.00	401.32	402.29	402.75	403.71	0.173660	5.27		0.44	1.33	2.26	2.16
F.Scopilli	84.091*	Max WS	TR200_D1	4.86	401.32	402.15	402.53	403.29	0.172201	4.74			1.03	2.03	2.12
F.Scopilli	84.091*	Max WS	TR200_D2	3.09	401.32	402.00	402.27	402.89	0.173042	4.18			0.74	1.83	2.10
F.Scopilli	83.636*	Max WS	TR200_D0.5	6.99	399.62	400.60	401.07	402.06	0.174895	5.34		0.13	1.31	2.18	2.20
F.Scopilli	83.636*	Max WS	TR200_D1	4.86	399.62	400.46	400.85	401.65	0.174762	4.84			1.00	1.98	2.17
F.Scopilli	83.636*	Max WS	TR200_D2	3.09	399.62	400.31	400.59	401.24	0.176034	4.28			0.72	1.78	2.15
F.Scopilli	83.182*	Max WS	TR200_D0.5	6.99	397.92	398.92	399.40	400.40	0.171197	5.38			1.30	2.13	2.20
F.Scopilli	83.182*	Max WS	TR200_D1	4.86	397.92	398.77	399.17	399.99	0.171650	4.89			0.99	1.94	2.18
F.Scopilli	83.182*	Max WS	TR200_D2	3.09	397.92	398.62	398.91	399.56	0.170273	4.30			0.72	1.75	2.14
F.Scopilli	82.727*	Max WS	TR200_D0.5	6.99	396.23	397.23	397.73	398.77	0.174862	5.51			1.27	2.08	2.25
F.Scopilli	82.727*	Max WS	TR200_D1	4.86	396.23	397.07	397.49	398.36	0.176006	5.02			0.97	1.90	2.24
F.Scopilli	82.727*	Max WS	TR200_D2	3.09	396.23	396.92	397.22	397.93	0.178618	4.45			0.69	1.70	2.22
F.Scopilli	82.273*	Max WS	TR200_D0.5	6.98	394.53	395.54	396.04	397.09	0.167641	5.51			1.27	2.05	2.24
F.Scopilli	82.273*	Max WS	TR200_D1	4.86	394.53	395.39	395.81	396.68	0.168544	5.02			0.97	1.86	2.22
F.Scopilli	82.273*	Max WS	TR200_D2	3.09	394.53	395.24	395.54	396.23	0.165593	4.40			0.70	1.68	2.17
F.Scopilli	81.818*	Max WS	TR200_D0.5	6.99	392.84	393.84	394.36	395.51	0.177353	5.72			1.22	1.99	2.33
F.Scopilli	81.818*	Max WS	TR200_D1	4.86	392.84	393.69	394.13	395.08	0.179468	5.22			0.93	1.81	2.32
F.Scopilli	81.818*	Max WS	TR200_D2	3.09	392.84	393.53	393.85	394.63	0.182544	4.63			0.67	1.62	2.31
F.Scopilli	81.364*	Max WS	TR200_D0.5	6.96	391.14	392.16	392.68	393.82	0.160241	5.70			1.22	1.95	2.30
F.Scopilli	81.364*	Max WS	TR200_D1	4.86	391.14	392.00	392.44	393.39	0.162605	5.21			0.93	1.77	2.30
F.Scopilli	81.364*	Max WS	TR200_D2	3.09	391.14	391.85	392.17	392.92	0.160225	4.58			0.67	1.60	2.25

HEC-RAS River: F.Scopilli Reach: F.Scopilli Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
F.Scopilli	80.909*	Max WS	TR200_D0.5	6.99	389.44	390.44	391.00	392.32	0.181914	6.08			1.15	1.87	2.48
F.Scopilli	80.909*	Max WS	TR200_D1	4.86	389.44	390.29	390.76	391.85	0.182926	5.53			0.88	1.70	2.46
F.Scopilli	80.909*	Max WS	TR200_D2	3.09	389.44	390.13	390.48	391.38	0.190813	4.96			0.62	1.53	2.48
F.Scopilli	80.455*	Max WS	TR200_D0.5	6.91	387.75	388.81	389.32	390.37	0.136379	5.54	0.33		1.25	1.99	2.18
F.Scopilli	80.455*	Max WS	TR200_D1	4.84	387.75	388.64	389.08	389.99	0.144808	5.16			0.94	1.71	2.22
F.Scopilli	80.455*	Max WS	TR200_D2	3.08	387.75	388.47	388.79	389.54	0.146732	4.58			0.67	1.53	2.21
F.Scopilli	80	Max WS	TR200_D0.5	6.86	386.05	388.13		388.24	0.004725	1.64	0.77		5.31	4.63	0.41
F.Scopilli	80	Max WS	TR200_D1	4.80	386.05	387.91		388.00	0.003889	1.40	0.58		4.32	4.63	0.38
F.Scopilli	80	Max WS	TR200_D2	3.40	386.05	387.75		387.81	0.003143	1.19	0.43		3.55	4.63	0.34
F.Scopilli	65			Culvert											
F.Scopilli	50	Max WS	TR200_D0.5	6.86	373.90	375.42		375.72	0.013731	2.44		0.06	2.81	2.16	0.68
F.Scopilli	50	Max WS	TR200_D1	4.78	373.90	375.27		375.46	0.009352	1.93			2.48	2.11	0.57
F.Scopilli	50	Max WS	TR200_D2	3.40	373.90	375.07		375.21	0.007488	1.63			2.08	2.05	0.52
F.Scopilli	49.99			Lat Struct											
F.Scopilli	49.98			Lat Struct											
F.Scopilli	48.000	Max WS	TR200_D0.5	6.82	373.77	375.40		375.66	0.011427	2.25		0.04	3.02	2.16	0.61
F.Scopilli	48.000	Max WS	TR200_D1	4.76	373.77	375.26		375.42	0.007317	1.75			2.73	2.12	0.49
F.Scopilli	48.000	Max WS	TR200_D2	3.37	373.77	375.07		375.17	0.005599	1.46			2.31	2.05	0.44

ALLEGATI

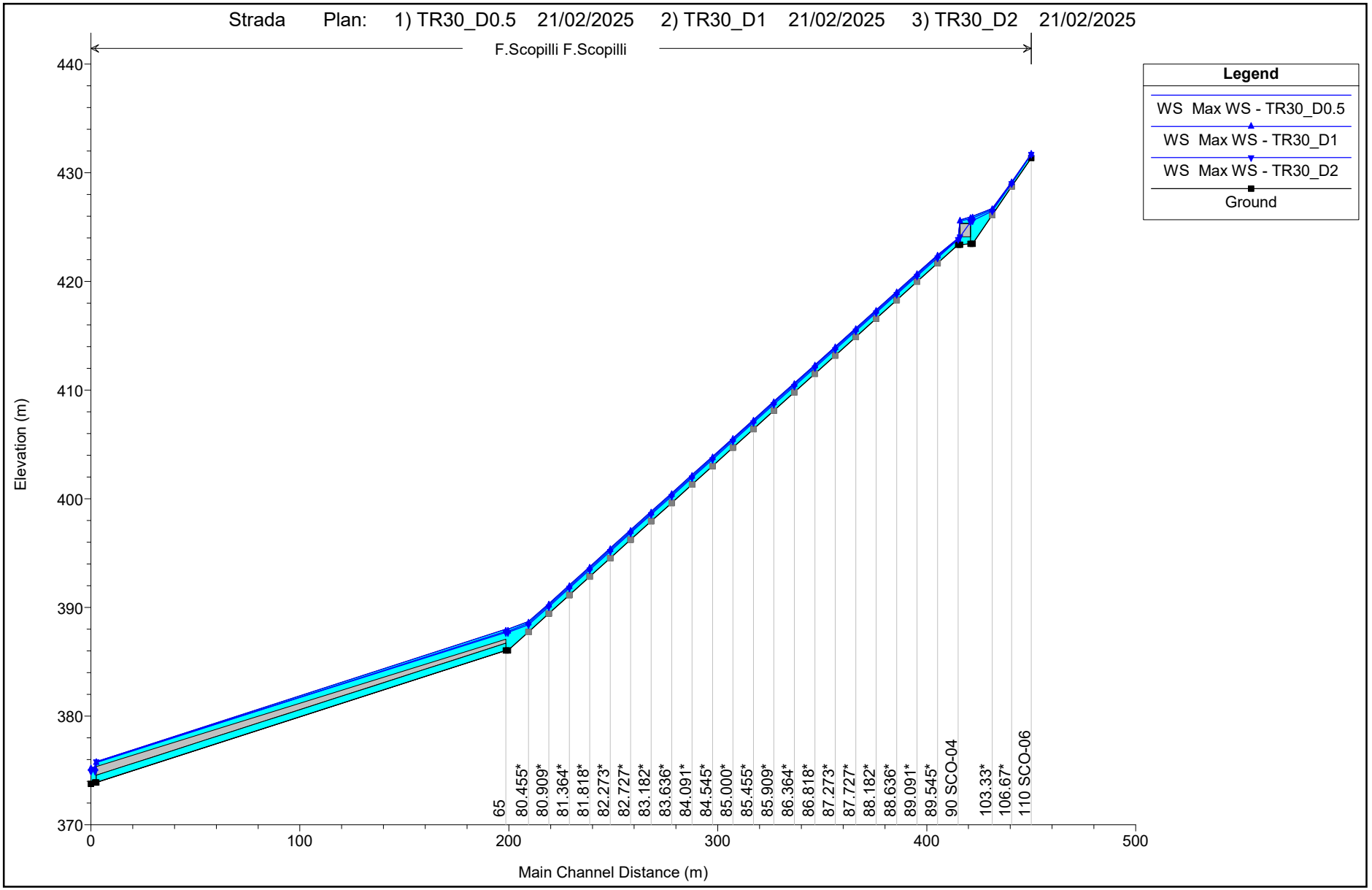
MODELLAZIONE HEC-RAS 6.3.1 "STRADA"

F. SCOPILLI

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 0.5, 1 e 2 h

Profilo longitudinale


Strada Plan: 1) TR30_D0.5 21/02/2025 2) TR30_D1 21/02/2025 3) TR30_D2 21/02/2025
F.Scopilli F.Scopilli
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Elevation (m)
Main Channel Distance (m)
440
430
420
410
400
390
380
370
0
100
200
300
400
500
65
80.455*
80.909*
81.364*
81.818*
82.273*
82.727*
83.182*
83.636*
84.091*
84.545*
85.000*
85.455*
85.909*
86.364*
86.818*
87.273*
87.727*
88.182*
88.636*
89.091*
89.545*
90 SCO-04
103.33*
106.67*
110 SCO-06

ALLEGATI

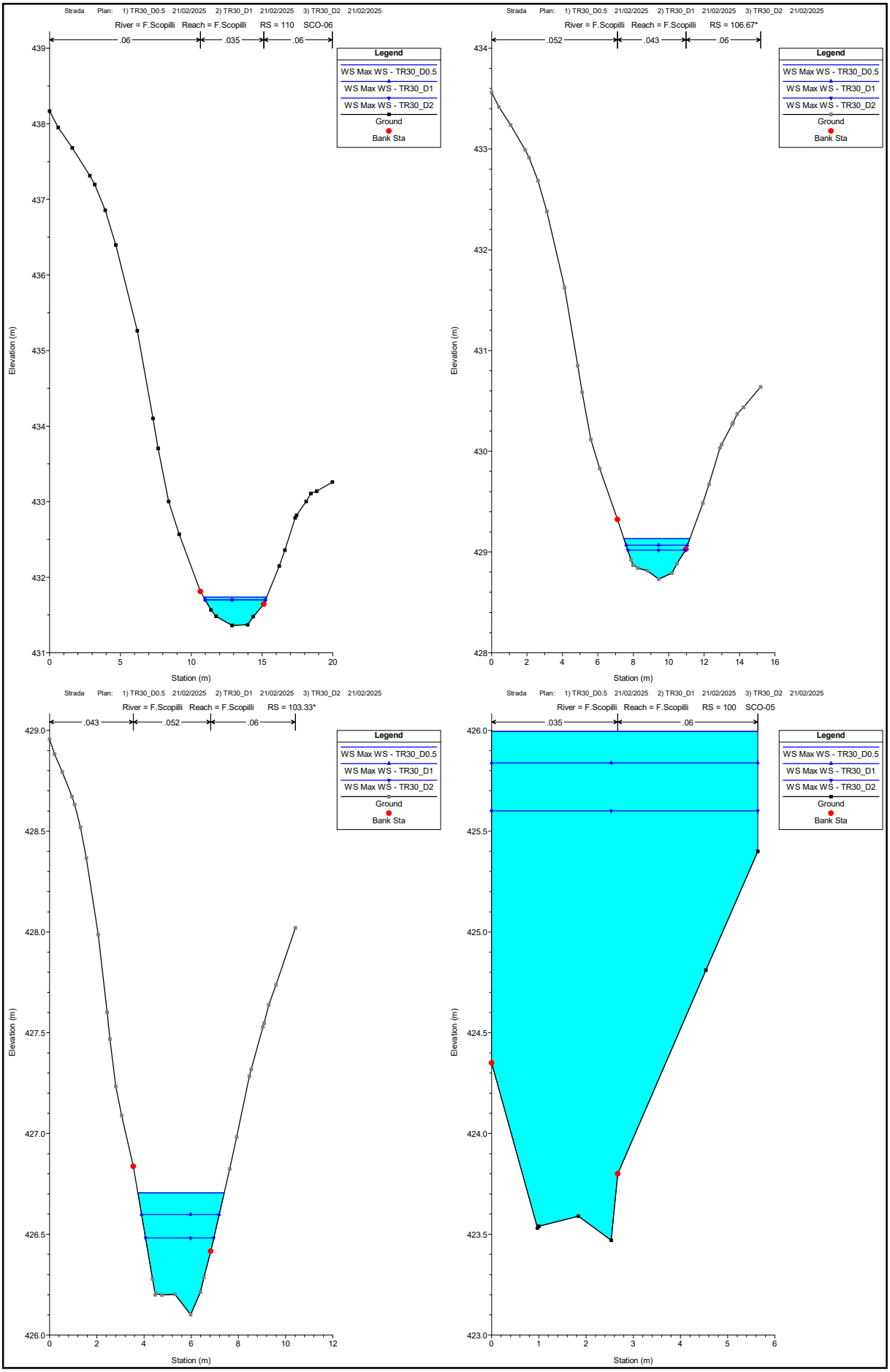
MODELLAZIONE HEC-RAS 6.3.1 "STRADA"

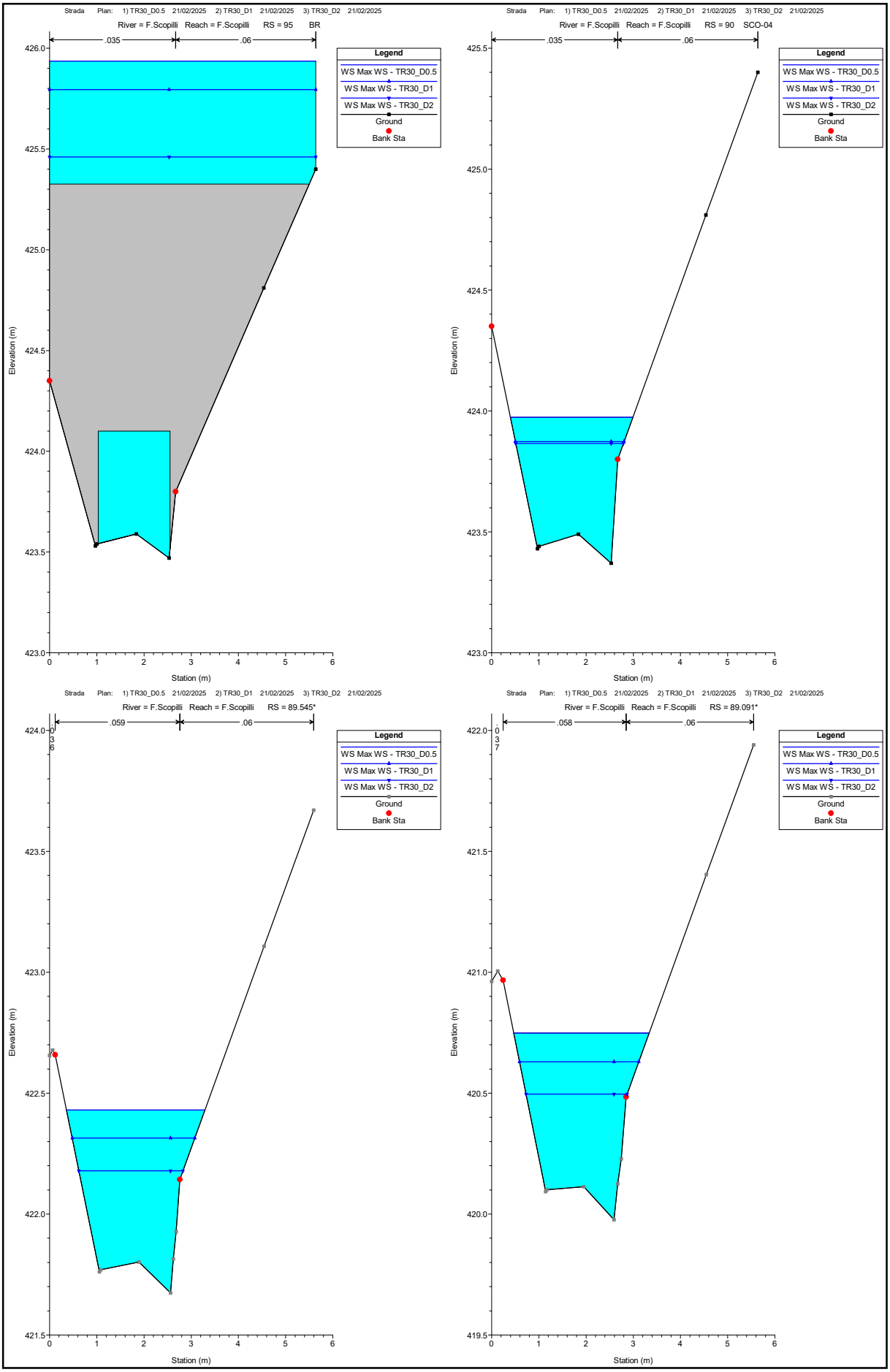
F. SCOPILLI

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 0.5, 1 e 2 h

Sezioni Trasversali (da monte verso valle)


Strada Plan: 1) TR30_D0.5 21/02/2025 2) TR30_D1 21/02/2025 3) TR30_D2 21/02/2025
River = F.Scopilli Reach = F.Scopilli RS = 110 SCO-06
.06 .035 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR30_D0.5 21/02/2025 2) TR30_D1 21/02/2025 3) TR30_D2 21/02/2025
River = F.Scopilli Reach = F.Scopilli RS = 106.67*
.052 .043 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR30_D0.5 21/02/2025 2) TR30_D1 21/02/2025 3) TR30_D2 21/02/2025
River = F.Scopilli Reach = F.Scopilli RS = 103.33*
.043 .052 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR30_D0.5 21/02/2025 2) TR30_D1 21/02/2025 3) TR30_D2 21/02/2025
River = F.Scopilli Reach = F.Scopilli RS = 100 SCO-05
.035 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)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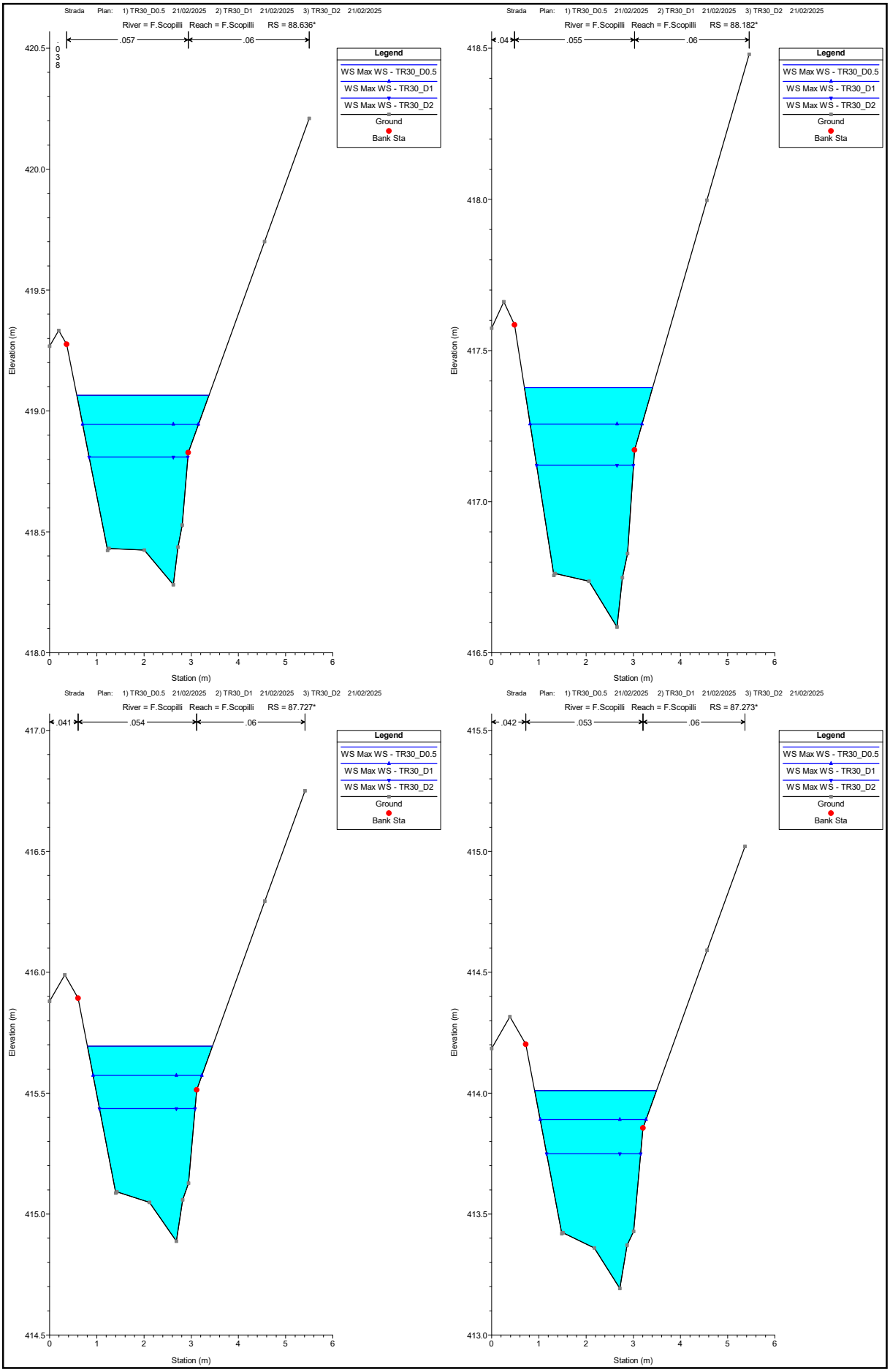
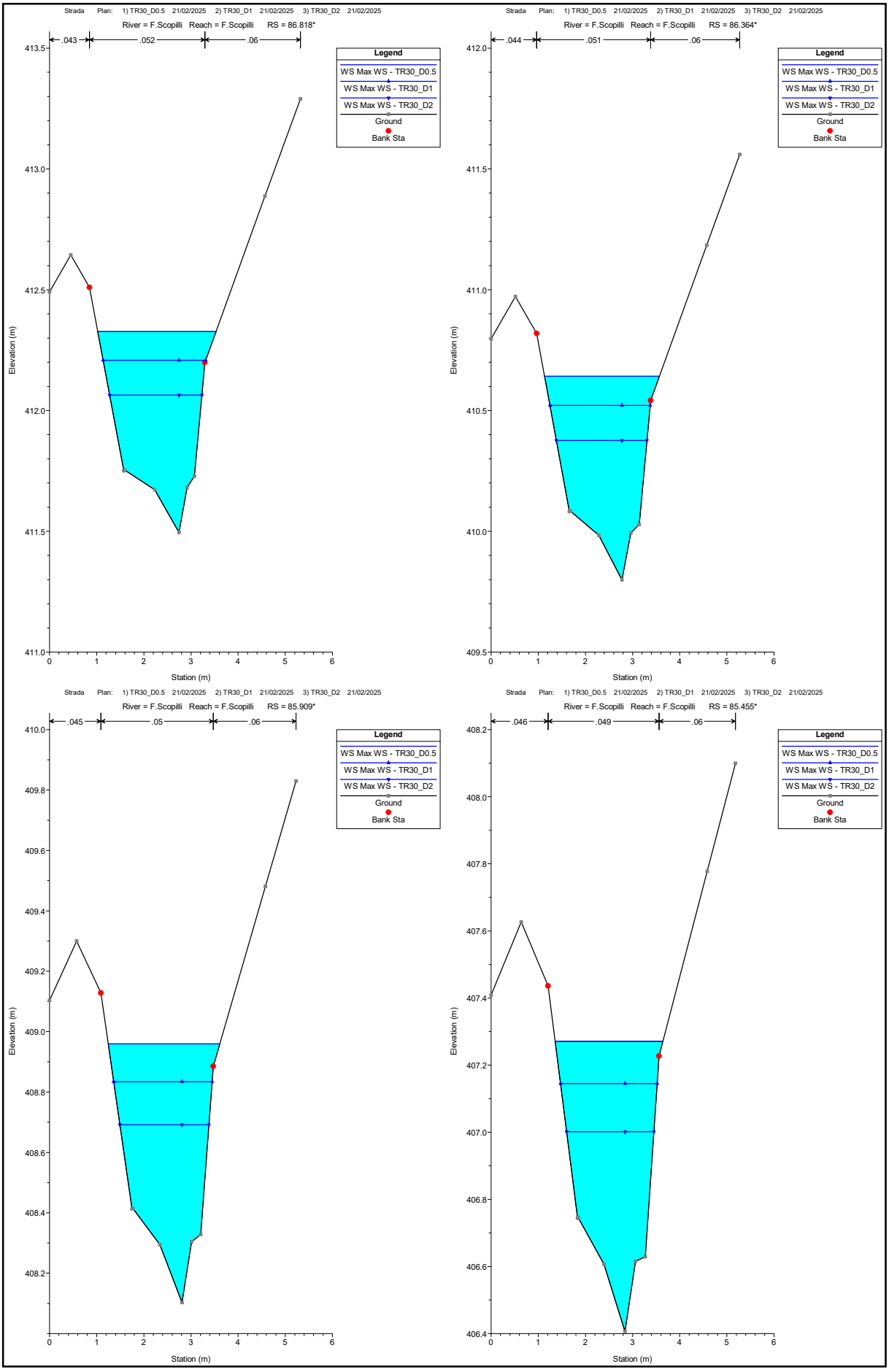
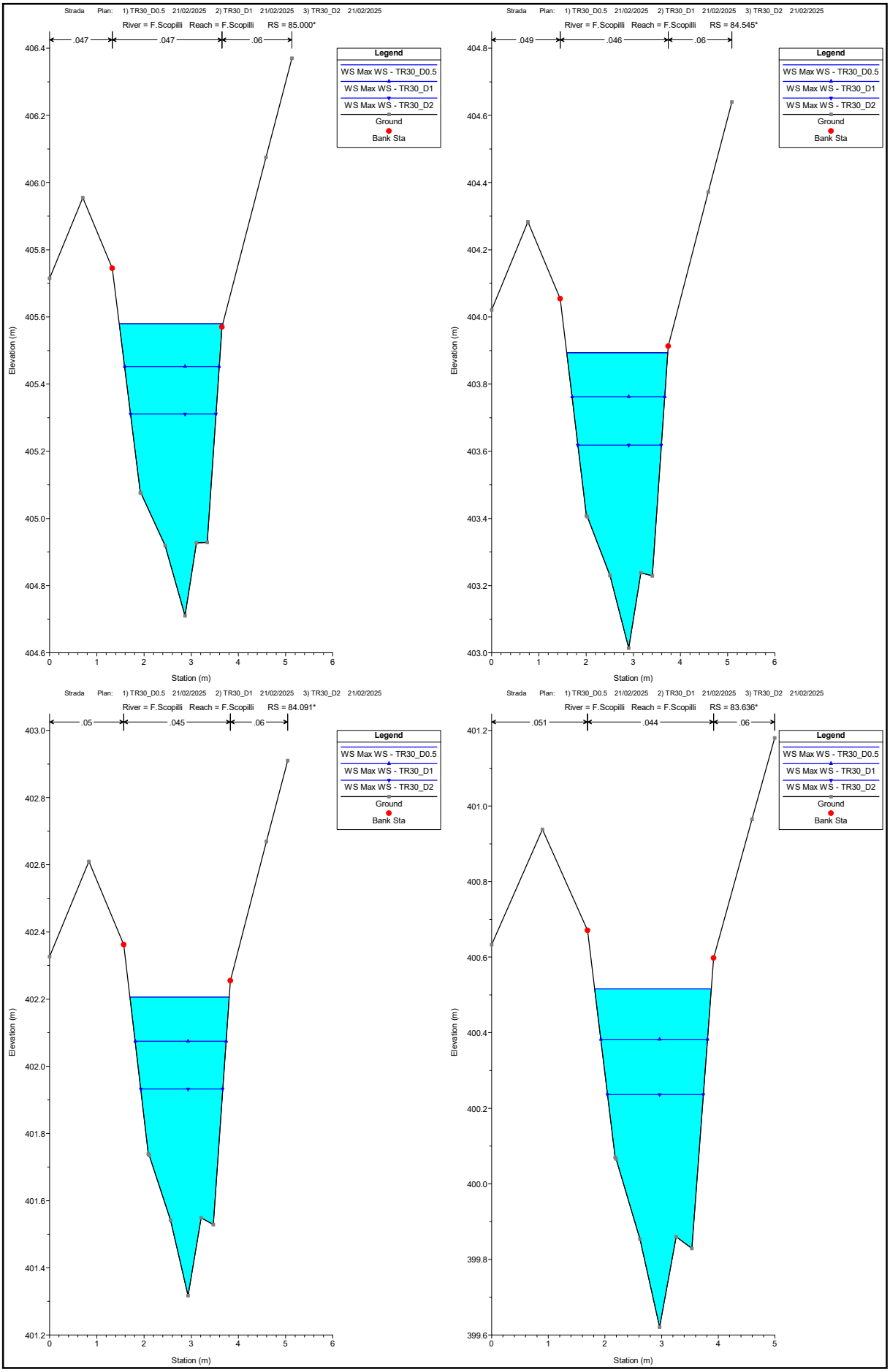
River = F.Scopilli Reach = F.Scopilli RS = 95 BR
.035
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR30_D0.5 21/02/2025 2) TR30_D1 21/02/2025 3) TR30_D2 21/02/2025
River = F.Scopilli Reach = F.Scopilli RS = 90 SCO-04
.035
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR30_D0.5 21/02/2025 2) TR30_D1 21/02/2025 3) TR30_D2 21/02/2025
River = F.Scopilli Reach = F.Scopilli RS = 89.545*
.059
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR30_D0.5 21/02/2025 2) TR30_D1 21/02/2025 3) TR30_D2 21/02/2025
River = F.Scopilli Reach = F.Scopilli RS = 89.091*
.058
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Strada Plan: 1) TR30_D0.5 21/02/2025 2) TR30_D1 21/02/2025 3) TR30_D2 21/02/2025
River = F.Scopilli Reach = F.Scopilli RS = 88.636*
.057
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR30_D0.5 21/02/2025 2) TR30_D1 21/02/2025 3) TR30_D2 21/02/2025
River = F.Scopilli Reach = F.Scopilli RS = 88.182*
.04
.055
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR30_D0.5 21/02/2025 2) TR30_D1 21/02/2025 3) TR30_D2 21/02/2025
River = F.Scopilli Reach = F.Scopilli RS = 87.727*
.041
.054
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR30_D0.5 21/02/2025 2) TR30_D1 21/02/2025 3) TR30_D2 21/02/2025
River = F.Scopilli Reach = F.Scopilli RS = 87.273*
.042
.053
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Strada Plan: 1) TR30_D0.5 21/02/2025 2) TR30_D1 21/02/2025 3) TR30_D2 21/02/2025
River = F.Scopilli Reach = F.Scopilli RS = 86.818*
.043
.052
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR30_D0.5 21/02/2025 2) TR30_D1 21/02/2025 3) TR30_D2 21/02/2025
River = F.Scopilli Reach = F.Scopilli RS = 86.364*
.044
.051
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR30_D0.5 21/02/2025 2) TR30_D1 21/02/2025 3) TR30_D2 21/02/2025
River = F.Scopilli Reach = F.Scopilli RS = 85.909*
.045
.05
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR30_D0.5 21/02/2025 2) TR30_D1 21/02/2025 3) TR30_D2 21/02/2025
River = F.Scopilli Reach = F.Scopilli RS = 85.455*
.046
.049
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)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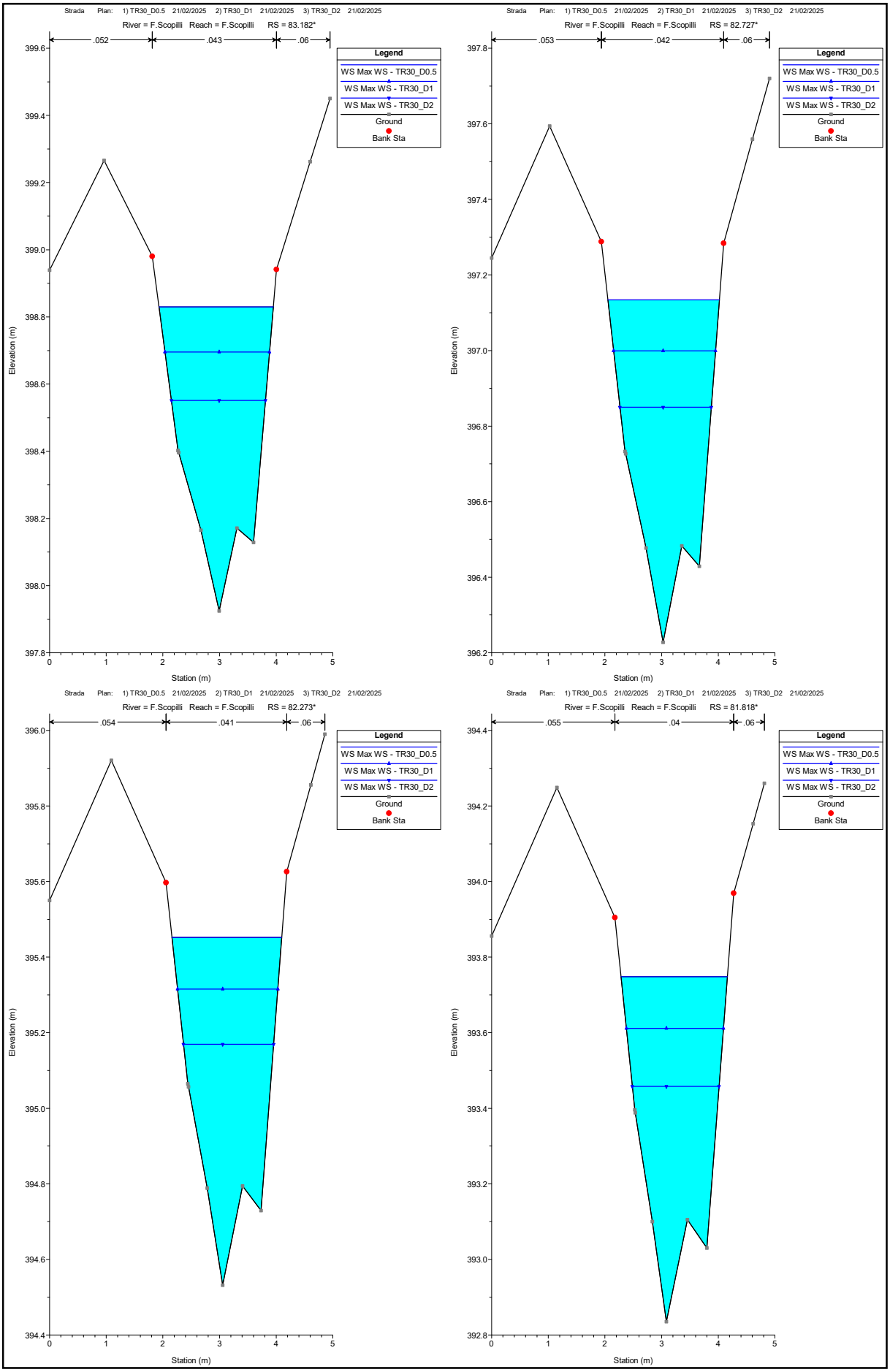
River = F.Scopilli Reach = F.Scopilli RS = 85.000*
.047
.047
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR30_D0.5 21/02/2025 2) TR30_D1 21/02/2025 3) TR30_D2 21/02/2025
River = F.Scopilli Reach = F.Scopilli RS = 84.545*
.049
.046
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR30_D0.5 21/02/2025 2) TR30_D1 21/02/2025 3) TR30_D2 21/02/2025
River = F.Scopilli Reach = F.Scopilli RS = 84.091*
.05
.045
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR30_D0.5 21/02/2025 2) TR30_D1 21/02/2025 3) TR30_D2 21/02/2025
River = F.Scopilli Reach = F.Scopilli RS = 83.636*
.051
.044
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)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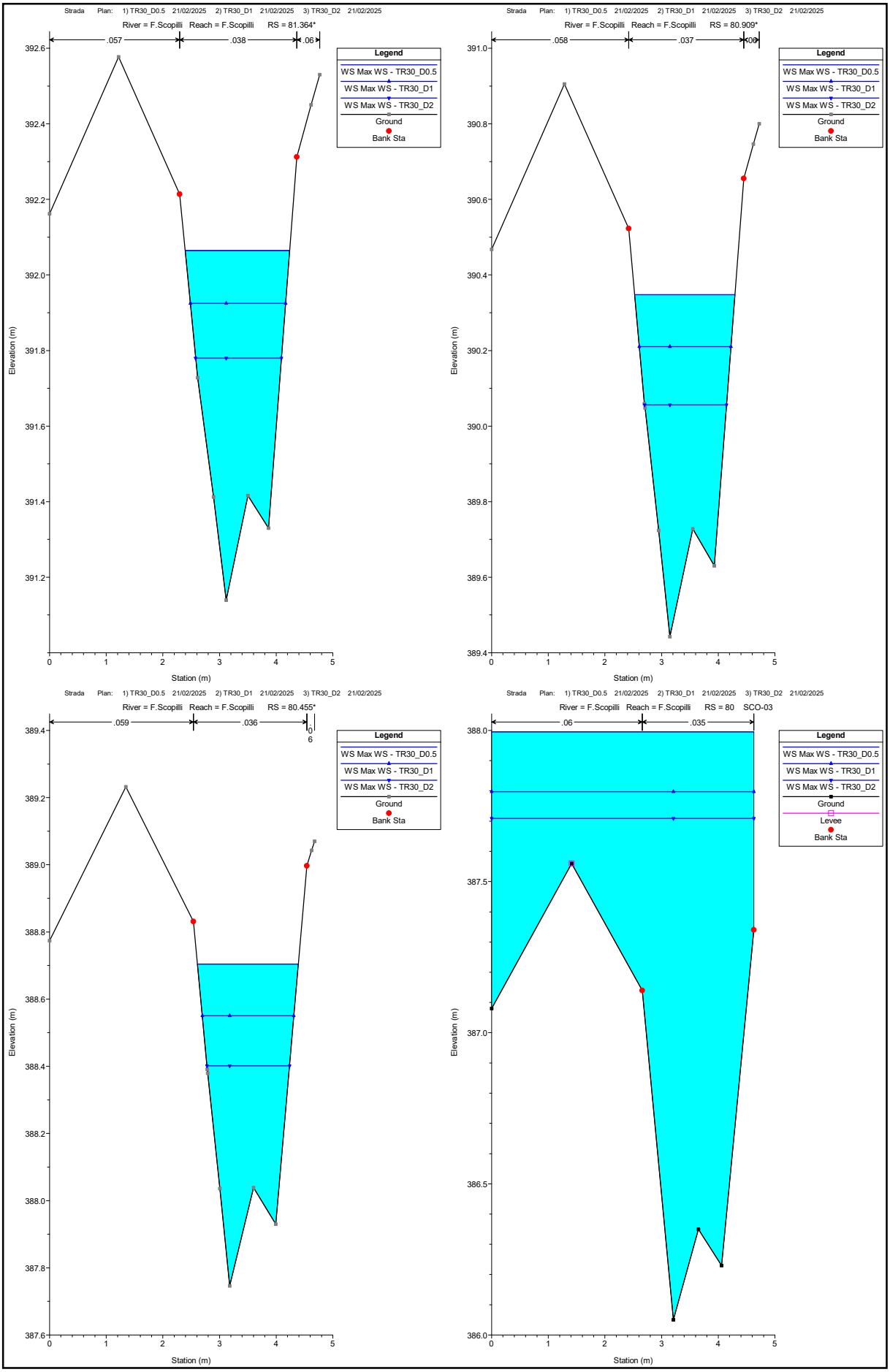
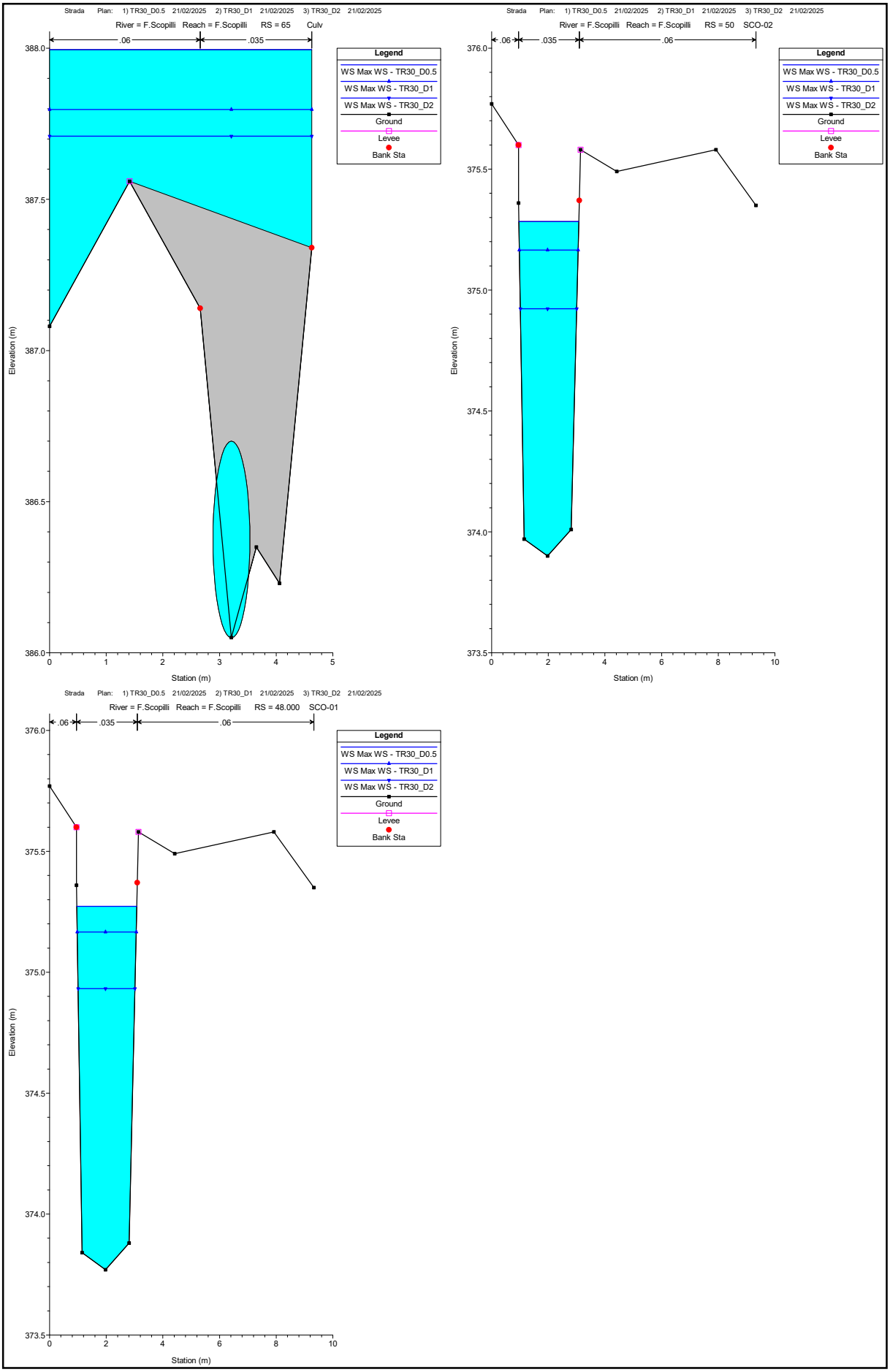
River = F.Scopilli Reach = F.Scopilli RS = 83.182*
.052
.043
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR30_D0.5 21/02/2025 2) TR30_D1 21/02/2025 3) TR30_D2 21/02/2025
River = F.Scopilli Reach = F.Scopilli RS = 82.727*
.053
.042
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR30_D0.5 21/02/2025 2) TR30_D1 21/02/2025 3) TR30_D2 21/02/2025
River = F.Scopilli Reach = F.Scopilli RS = 82.273*
.054
.041
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR30_D0.5 21/02/2025 2) TR30_D1 21/02/2025 3) TR30_D2 21/02/2025
River = F.Scopilli Reach = F.Scopilli RS = 81.818*
.055
.04
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Strada Plan: 1) TR30_D0.5 21/02/2025 2) TR30_D1 21/02/2025 3) TR30_D2 21/02/2025
River = F.Scopilli Reach = F.Scopilli RS = 81.364*
.057
.038
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR30_D0.5 21/02/2025 2) TR30_D1 21/02/2025 3) TR30_D2 21/02/2025
River = F.Scopilli Reach = F.Scopilli RS = 80.909*
.058
.037
.09
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR30_D0.5 21/02/2025 2) TR30_D1 21/02/2025 3) TR30_D2 21/02/2025
River = F.Scopilli Reach = F.Scopilli RS = 80.455*
.059
.036
0
6
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR30_D0.5 21/02/2025 2) TR30_D1 21/02/2025 3) TR30_D2 21/02/2025
River = F.Scopilli Reach = F.Scopilli RS = 80 SCO-03
.06
.035
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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River = F.Scopilli Reach = F.Scopilli RS = 65 Culv
.06
.035
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR30_D0.5 21/02/2025 2) TR30_D1 21/02/2025 3) TR30_D2 21/02/2025
River = F.Scopilli Reach = F.Scopilli RS = 50 SCO-02
.06
.035
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Strada Plan: 1) TR30_D0.5 21/02/2025 2) TR30_D1 21/02/2025 3) TR30_D2 21/02/2025
River = F.Scopilli Reach = F.Scopilli RS = 48.000 SCO-01
.06
.035
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)

ALLEGATI

MODELLAZIONE HEC-RAS 6.3.1 "STRADA"

F. SCOPILLI

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 0.5, 1 e 2 h

Dati idraulici

HEC-RAS River: F.Scopilli Reach: F.Scopilli Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
F.Scopilli	110	Max WS	TR30_D0.5	5.89	431.36	431.74	432.05	433.11	0.196800	5.19		0.89	1.14	4.45	3.21
F.Scopilli	110	Max WS	TR30_D1	1.50	431.36	431.70	431.70	431.82	0.020020	1.53		0.20	0.98	4.26	1.00
F.Scopilli	110	Max WS	TR30_D2	1.50	431.36	431.70	431.70	431.82	0.020020	1.53		0.20	0.98	4.26	1.00
F.Scopilli	109.99			Lat Struct											
F.Scopilli	109.98			Lat Struct											
F.Scopilli	106.67*	Max WS	TR30_D0.5	5.90	428.73	429.13	429.50	430.93	0.366757	5.94		1.31	1.00	3.72	3.57
F.Scopilli	106.67*	Max WS	TR30_D1	4.00	428.73	429.07	429.36	430.46	0.379924	5.23		0.69	0.77	3.46	3.51
F.Scopilli	106.67*	Max WS	TR30_D2	1.76	428.73	429.02	429.15	429.45	0.152042	2.91			0.60	3.25	2.15
F.Scopilli	103.33*	Max WS	TR30_D0.5	5.87	426.10	426.71	426.97	427.58	0.152121	4.18		1.67	1.46	3.66	2.00
F.Scopilli	103.33*	Max WS	TR30_D1	3.99	426.10	426.60	426.82	427.32	0.164232	3.77		1.27	1.08	3.29	2.01
F.Scopilli	103.33*	Max WS	TR30_D2	2.40	426.10	426.48	426.65	427.05	0.195109	3.34		0.71	0.72	2.89	2.09
F.Scopilli	100	Max WS	TR30_D0.5	5.74	423.47	426.00	424.45	426.02	0.000432	0.69		0.36	10.28	5.64	0.15
F.Scopilli	100	Max WS	TR30_D1	3.97	423.47	425.84	424.29	425.85	0.000260	0.53		0.26	9.39	5.64	0.11
F.Scopilli	100	Max WS	TR30_D2	2.38	423.47	425.60	424.10	425.61	0.000138	0.37		0.17	8.06	5.64	0.08
F.Scopilli	95			Bridge											
F.Scopilli	90	Max WS	TR30_D0.5	5.74	423.37	423.97	424.39	425.53	0.143813	5.54		1.14	1.06	2.60	2.63
F.Scopilli	90	Max WS	TR30_D1	3.97	423.37	423.87	424.21	425.11	0.146657	4.92		0.65	0.81	2.30	2.58
F.Scopilli	90	Max WS	TR30_D2	1.50	423.37	423.87	423.87	424.05	0.022318	1.90		0.23	0.79	2.28	1.00
F.Scopilli	89.99			Lat Struct											
F.Scopilli	89.98			Lat Struct											
F.Scopilli	89.545*	Max WS	TR30_D0.5	5.68	421.67	422.43	422.70	423.29	0.174209	4.14		1.75	1.42	2.93	1.77
F.Scopilli	89.545*	Max WS	TR30_D1	3.99	421.67	422.31	422.54	423.01	0.174569	3.70		1.24	1.10	2.60	1.73
F.Scopilli	89.545*	Max WS	TR30_D2	2.39	421.67	422.18	422.33	422.67	0.171976	3.10		0.43	0.77	2.20	1.65
F.Scopilli	89.091*	Max WS	TR30_D0.5	5.67	419.98	420.75	421.03	421.63	0.172953	4.19		1.65	1.39	2.87	1.79
F.Scopilli	89.091*	Max WS	TR30_D1	3.95	419.98	420.63	420.86	421.34	0.173880	3.74		1.11	1.07	2.52	1.75
F.Scopilli	89.091*	Max WS	TR30_D2	2.39	419.98	420.50	420.65	421.00	0.171904	3.14		0.20	0.76	2.14	1.67
F.Scopilli	88.636*	Max WS	TR30_D0.5	5.67	418.28	419.07	419.36	419.98	0.173918	4.25		1.54	1.37	2.80	1.82
F.Scopilli	88.636*	Max WS	TR30_D1	3.94	418.28	418.94	419.18	419.68	0.175031	3.79		0.96	1.05	2.45	1.78
F.Scopilli	88.636*	Max WS	TR30_D2	2.39	418.28	418.81	418.98	419.34	0.175945	3.21			0.74	2.09	1.72
F.Scopilli	88.182*	Max WS	TR30_D0.5	5.67	416.59	417.38	417.69	418.34	0.172854	4.35		1.40	1.33	2.72	1.87
F.Scopilli	88.182*	Max WS	TR30_D1	3.94	416.59	417.26	417.51	418.02	0.174450	3.88		0.78	1.02	2.37	1.83
F.Scopilli	88.182*	Max WS	TR30_D2	2.39	416.59	417.12	417.30	417.68	0.175505	3.30			0.72	2.05	1.78
F.Scopilli	87.727*	Max WS	TR30_D0.5	5.66	414.89	415.69	416.02	416.68	0.172218	4.40		1.28	1.31	2.65	1.89
F.Scopilli	87.727*	Max WS	TR30_D1	3.94	414.89	415.57	415.83	416.36	0.173695	3.92		0.61	1.01	2.31	1.85
F.Scopilli	87.727*	Max WS	TR30_D2	2.39	414.89	415.44	415.61	416.01	0.174308	3.35			0.71	2.02	1.80
F.Scopilli	87.273*	Max WS	TR30_D0.5	5.66	413.19	414.01	414.35	415.02	0.173237	4.47		1.16	1.28	2.58	1.92
F.Scopilli	87.273*	Max WS	TR30_D1	3.94	413.19	413.89	414.15	414.69	0.173327	3.96		0.43	0.99	2.24	1.87
F.Scopilli	87.273*	Max WS	TR30_D2	2.39	413.19	413.75	413.93	414.35	0.175879	3.42			0.70	1.99	1.84
F.Scopilli	86.818*	Max WS	TR30_D0.5	5.66	411.49	412.33	412.68	413.36	0.172927	4.52		1.02	1.26	2.51	1.95
F.Scopilli	86.818*	Max WS	TR30_D1	3.94	411.49	412.21	412.47	413.02	0.172164	4.00		0.17	0.99	2.17	1.89
F.Scopilli	86.818*	Max WS	TR30_D2	2.39	411.49	412.06	412.25	412.68	0.173958	3.46			0.69	1.96	1.86
F.Scopilli	86.364*	Max WS	TR30_D0.5	5.66	409.80	410.64	411.01	411.71	0.174056	4.58		0.87	1.24	2.43	1.98
F.Scopilli	86.364*	Max WS	TR30_D1	3.94	409.80	410.52	410.79	411.36	0.173680	4.07			0.97	2.13	1.93
F.Scopilli	86.364*	Max WS	TR30_D2	2.39	409.80	410.38	410.57	411.01	0.176213	3.54			0.67	1.92	1.91
F.Scopilli	85.909*	Max WS	TR30_D0.5	5.66	408.10	408.96	409.33	410.05	0.172759	4.62		0.71	1.23	2.37	1.99
F.Scopilli	85.909*	Max WS	TR30_D1	3.94	408.10	408.83	409.11	409.71	0.173488	4.13			0.95	2.09	1.95
F.Scopilli	85.909*	Max WS	TR30_D2	2.39	408.10	408.69	408.89	409.34	0.172226	3.57			0.67	1.89	1.91
F.Scopilli	85.455*	Max WS	TR30_D0.5	5.65	406.41	407.27	407.66	408.40	0.175768	4.70		0.51	1.20	2.28	2.03
F.Scopilli	85.455*	Max WS	TR30_D1	3.94	406.41	407.15	407.43	408.05	0.175270	4.22			0.93	2.05	1.99
F.Scopilli	85.455*	Max WS	TR30_D2	2.39	406.41	407.00	407.21	407.68	0.175572	3.65			0.65	1.85	1.96
F.Scopilli	85.000*	Max WS	TR30_D0.5	5.65	404.71	405.58	405.99	406.76	0.174877	4.81		0.19	1.18	2.19	2.09
F.Scopilli	85.000*	Max WS	TR30_D1	3.94	404.71	405.45	405.75	406.41	0.173504	4.33			0.91	2.00	2.06
F.Scopilli	85.000*	Max WS	TR30_D2	2.39	404.71	405.31	405.53	406.02	0.171429	3.74			0.64	1.81	2.01
F.Scopilli	84.545*	Max WS	TR30_D0.5	5.65	403.01	403.89	404.31	405.10	0.174086	4.87			1.16	2.14	2.11
F.Scopilli	84.545*	Max WS	TR30_D1	3.94	403.01	403.76	404.07	404.76	0.174840	4.42			0.89	1.96	2.10
F.Scopilli	84.545*	Max WS	TR30_D2	2.39	403.01	403.62	403.84	404.37	0.175073	3.83			0.62	1.77	2.06
F.Scopilli	84.091*	Max WS	TR30_D0.5	5.65	401.32	402.21	402.63	403.45	0.172766	4.94			1.14	2.10	2.14
F.Scopilli	84.091*	Max WS	TR30_D1	3.94	401.32	402.07	402.39	403.10	0.173132	4.48			0.88	1.93	2.12
F.Scopilli	84.091*	Max WS	TR30_D2	2.39	401.32	401.93	402.16	402.69	0.169390	3.85			0.62	1.74	2.06
F.Scopilli	83.636*	Max WS	TR30_D0.5	5.65	399.62	400.52	400.96	401.81	0.173592	5.03			1.12	2.06	2.17
F.Scopilli	83.636*	Max WS	TR30_D1	3.94	399.62	400.38	400.71	401.45	0.175591	4.58			0.86	1.88	2.16
F.Scopilli	83.636*	Max WS	TR30_D2	2.39	399.62	400.24	400.48	401.05	0.177732	3.99			0.60	1.69	2.14
F.Scopilli	83.182*	Max WS	TR30_D0.5	5.65	397.92	398.83	399.28	400.15	0.170523	5.08			1.11	2.02	2.18
F.Scopilli	83.182*	Max WS	TR30_D1	3.94	397.92	398.70	399.03	399.78	0.171947	4.62			0.85	1.85	2.17
F.Scopilli	83.182*	Max WS	TR30_D2	2.39	397.92	398.55	398.80	399.36	0.168391	3.98			0.60	1.66	2.12
F.Scopilli	82.727*	Max WS	TR30_D0.5	5.65	396.23	397.13	397.61	398.52	0.174947	5.21			1.08	1.97	2.24
F.Scopilli	82.727*	Max WS	TR30_D1	3.94	396.23	397.00	397.35	398.15	0.177247	4.75			0.83	1.80	2.23
F.Scopilli	82.727*	Max WS	TR30_D2	2.39	396.23	396.85	397.11	397.73	0.180699	4.15			0.58	1.61	2.22
F.Scopilli	82.273*	Max WS	TR30_D0.5	5.65	394.53	395.45	395.93	396.84	0.167442	5.21			1.08	1.94	2.22
F.Scopilli	82.273*	Max WS	TR30_D1	3.93	394.53	395.32	395.67	396.46	0.168739	4.74			0.83	1.77	2.21
F.Scopilli	82.273*	Max WS	TR30_D2	2.39	394.53	395.17	395.42	396.02	0.164502	4.08			0.58	1.59	2.15
F.Scopilli	81.818*	Max WS	TR30_D0.5	5.65	392.84	393.75	394.24	395.24	0.178015	5.42			1.04	1.88	2.32
F.Scopilli	81.818*	Max WS	TR30_D1	3.94	392.84	393.61	393.99	394.85	0.180308	4.94			0.80	1.72	2.31
F.Scopilli	81.818*	Max WS	TR30_D2	2.39	392.84	393.46	393.74	394.42	0.188137	4.35			0.55	1.53	2.32
F.Scopilli	81.364*	Max WS	TR30_D0.5	5.64	391.14	392.06	392.56	393.56	0.161177	5.41			1.04	1.84	2.30
F.Scopilli	81.364*	Max WS	TR30_D1	3.93	391.14	391.92	392.31	393.17	0.164335	4.94			0.80	1.68	2.29
F.Scopilli	81.364*	Max WS	TR30_D2	2.39	391.14	391.78	392.05	392.69	0.156779	4.22			0.56	1.51	2.21

HEC-RAS River: F.Scopilli Reach: F.Scopilli Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
F.Scopilli	80.909*	Max WS	TR30_D0.5	5.65	389.44	390.35	390.87	392.03	0.181644	5.75			0.98	1.77	2.46
F.Scopilli	80.909*	Max WS	TR30_D1	3.94	389.44	390.21	390.62	391.61	0.184894	5.24			0.75	1.62	2.46
F.Scopilli	80.909*	Max WS	TR30_D2	2.39	389.44	390.06	390.36	391.16	0.195963	4.65			0.51	1.45	2.49
F.Scopilli	80.455*	Max WS	TR30_D0.5	5.62	387.75	388.70	389.17	390.15	0.141436	5.32			1.06	1.78	2.21
F.Scopilli	80.455*	Max WS	TR30_D1	3.93	387.75	388.55	388.94	389.79	0.150132	4.94			0.79	1.62	2.25
F.Scopilli	80.455*	Max WS	TR30_D2	2.39	387.75	388.40	388.68	389.31	0.142125	4.21			0.57	1.46	2.16
F.Scopilli	80	Max WS	TR30_D0.5	5.56	386.05	388.00		388.09	0.004220	1.49	0.66		4.71	4.63	0.39
F.Scopilli	80	Max WS	TR30_D1	4.06	386.05	387.80		387.88	0.003839	1.34	0.51		3.79	4.63	0.38
F.Scopilli	80	Max WS	TR30_D2	2.32	386.05	387.71		387.74	0.001640	0.85	0.30		3.38	4.63	0.25
F.Scopilli	65			Culvert											
F.Scopilli	50	Max WS	TR30_D0.5	5.56	373.90	375.28		375.53	0.012180	2.21			2.52	2.12	0.65
F.Scopilli	50	Max WS	TR30_D1	4.03	373.90	375.17		375.33	0.008370	1.77			2.27	2.08	0.54
F.Scopilli	50	Max WS	TR30_D2	2.32	373.90	374.92		375.01	0.005263	1.30			1.78	1.99	0.44
F.Scopilli	49.99			Lat Struct											
F.Scopilli	49.98			Lat Struct											
F.Scopilli	48.000	Max WS	TR30_D0.5	5.53	373.77	375.27		375.48	0.009714	2.01			2.74	2.12	0.57
F.Scopilli	48.000	Max WS	TR30_D1	3.94	373.77	375.17		375.29	0.006152	1.56			2.52	2.08	0.45
F.Scopilli	48.000	Max WS	TR30_D2	2.32	373.77	374.93		375.00	0.003676	1.14			2.04	2.01	0.36

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "VIGNAMAGGIORE"

VIGNAMAGGIORE

MODELLAZIONE PER TR=30 e 200 ANNI

DURATA DI PIOGGIA: 0.5, 1, 2 e 3 h

Profilo longitudinale

Sezioni Trasversali

Dati idraulici

ALLEGATI

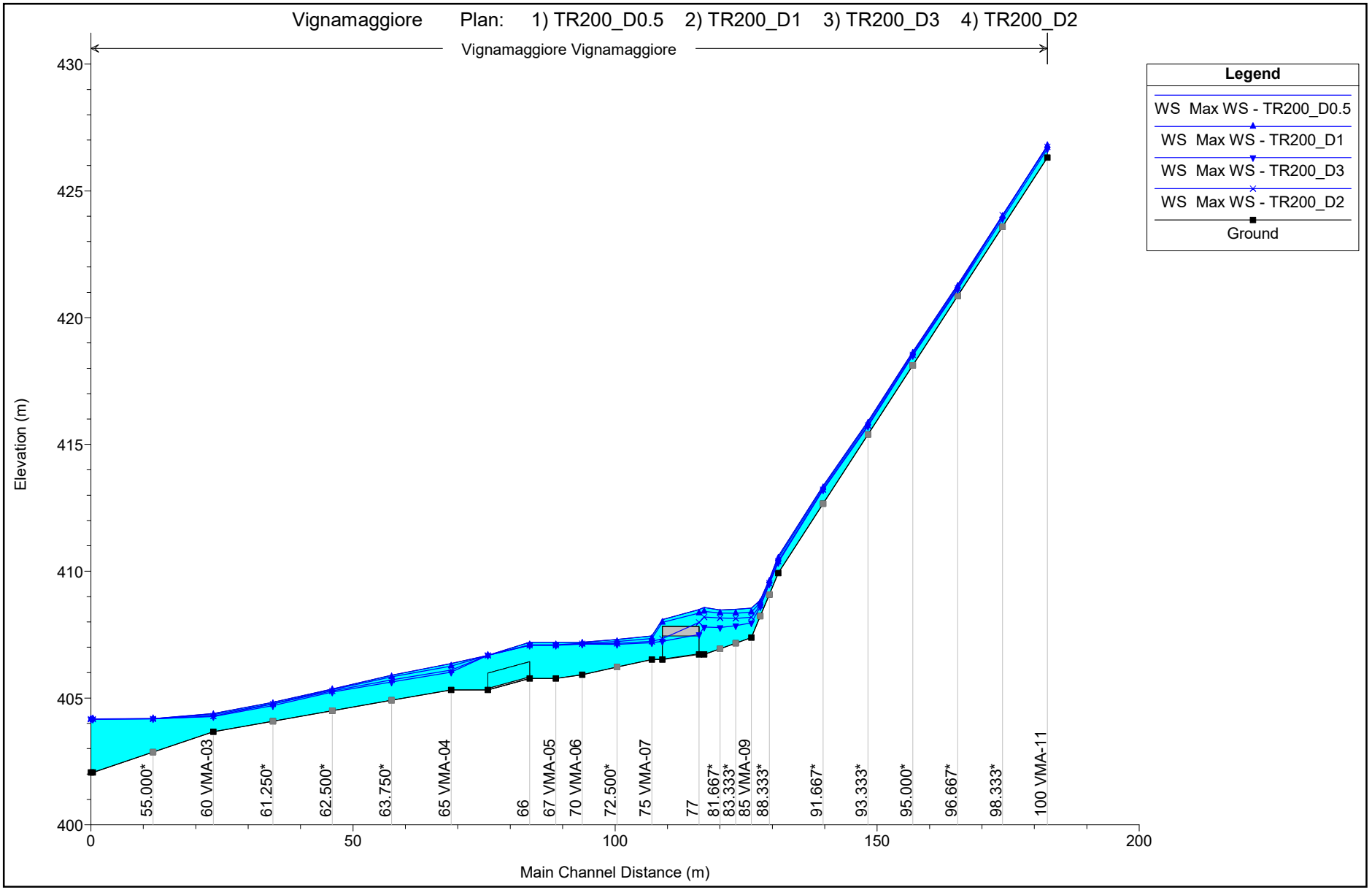
MODELLAZIONE HEC-RAS 5.0.7 "VIGNAMAGGIORE"

VIGNAMAGGIORE

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 0.5, 1, 2 e 3 h

Profilo longitudinale


Vignamaggiore Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D3 4) TR200_D2
Vignamaggiore Vignamaggiore
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D3
WS Max WS - TR200_D2
Ground
Elevation (m)
Main Channel Distance (m)
430
425
420
415
410
405
400
0
50
100
150
200
55.000*
60 VMA-03
61.250*
62.500*
63.750*
65 VMA-04
66
67 VMA-05
70 VMA-06
72.500*
75 VMA-07
77
81.667*
83.333*
85 VMA-09
88.333*
91.667*
93.333*
95.000*
96.667*
98.333*
100 VMA-11

ALLEGATI

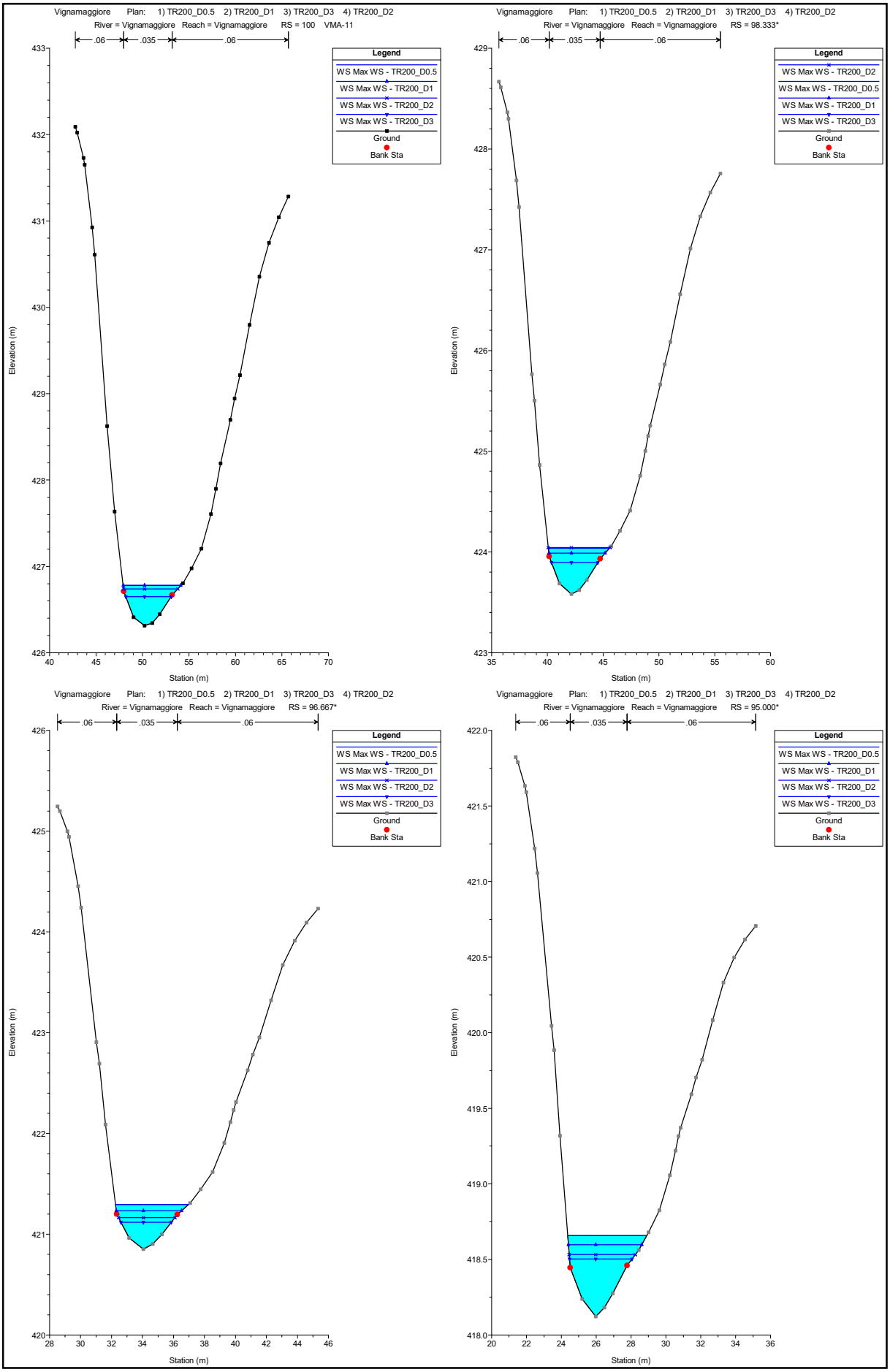
MODELLAZIONE HEC-RAS 5.0.7 "VIGNAMAGGIORE"

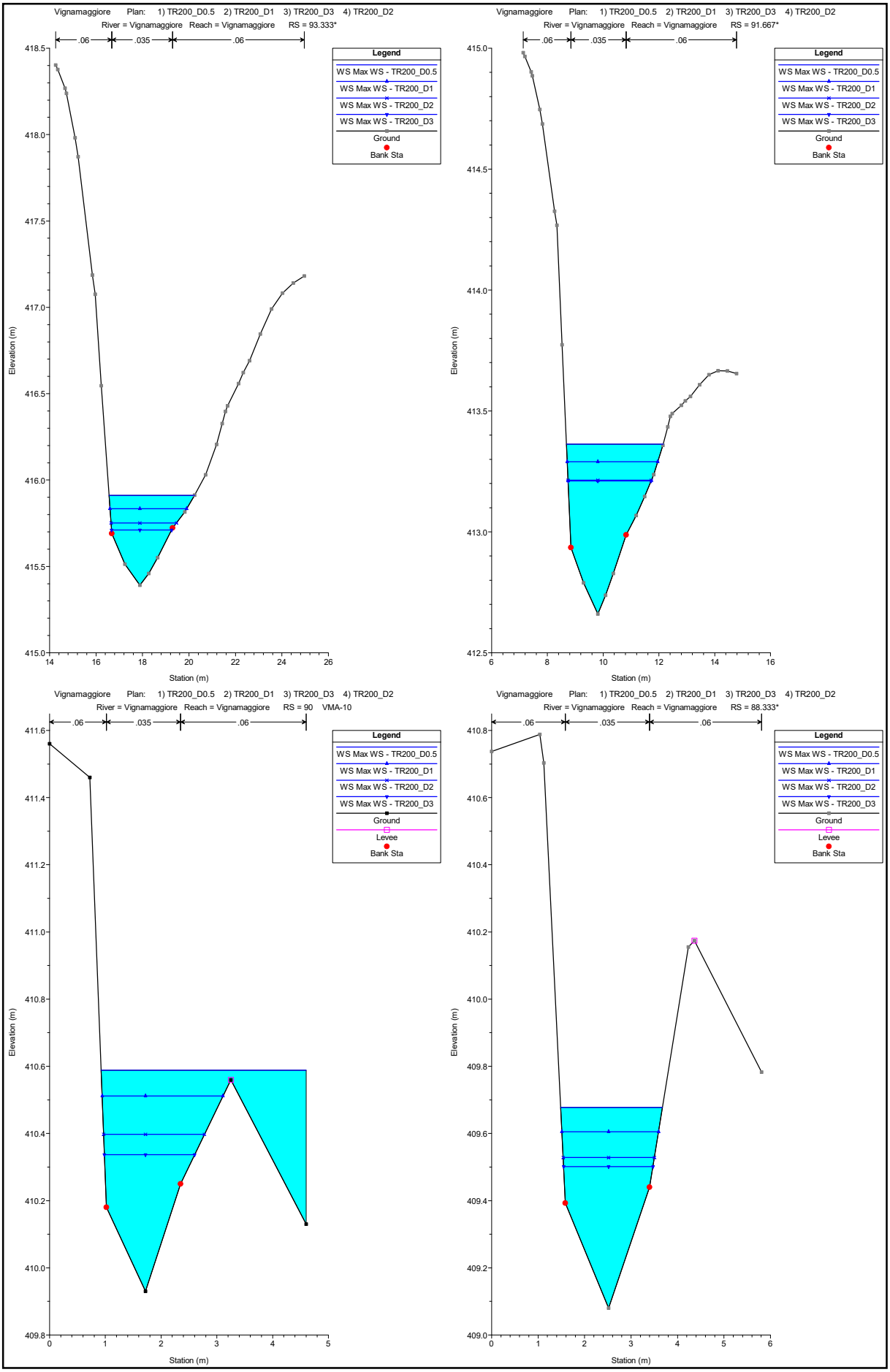
VIGNAMAGGIORE

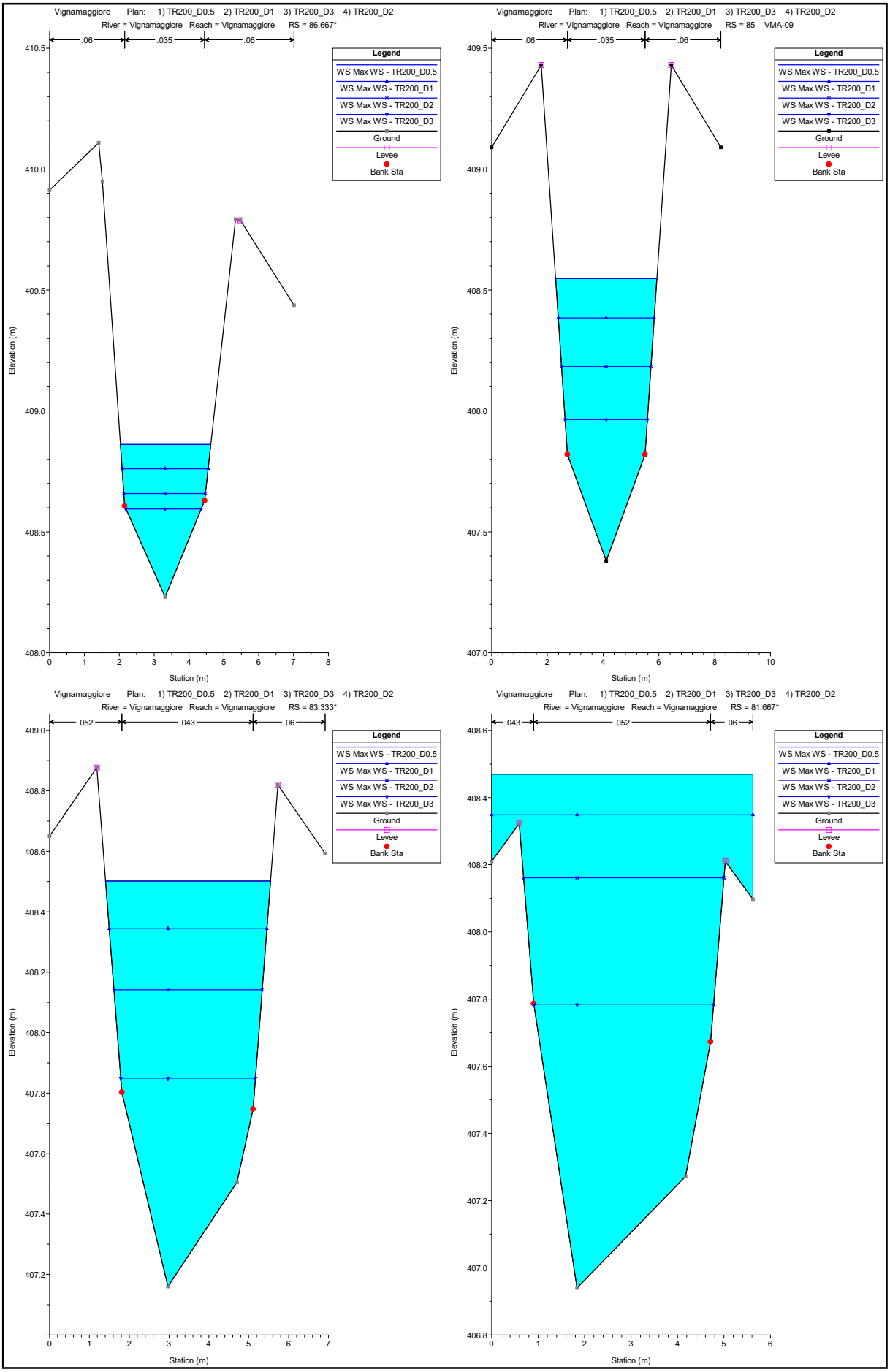
MODELLAZIONE PER TR= 200 anni

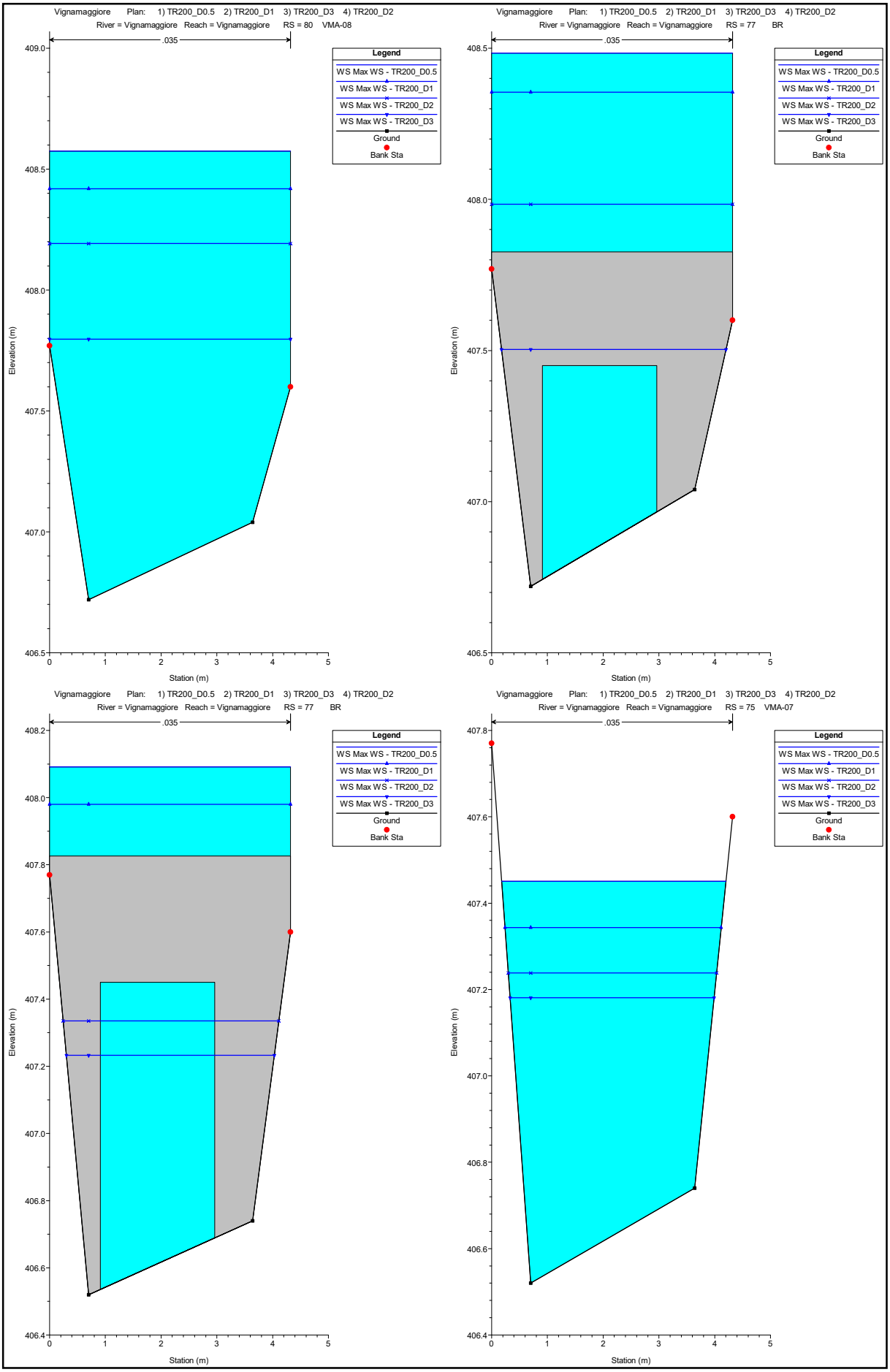
DURATE DI PIOGGIA: 0.5, 1, 2 e 3 h

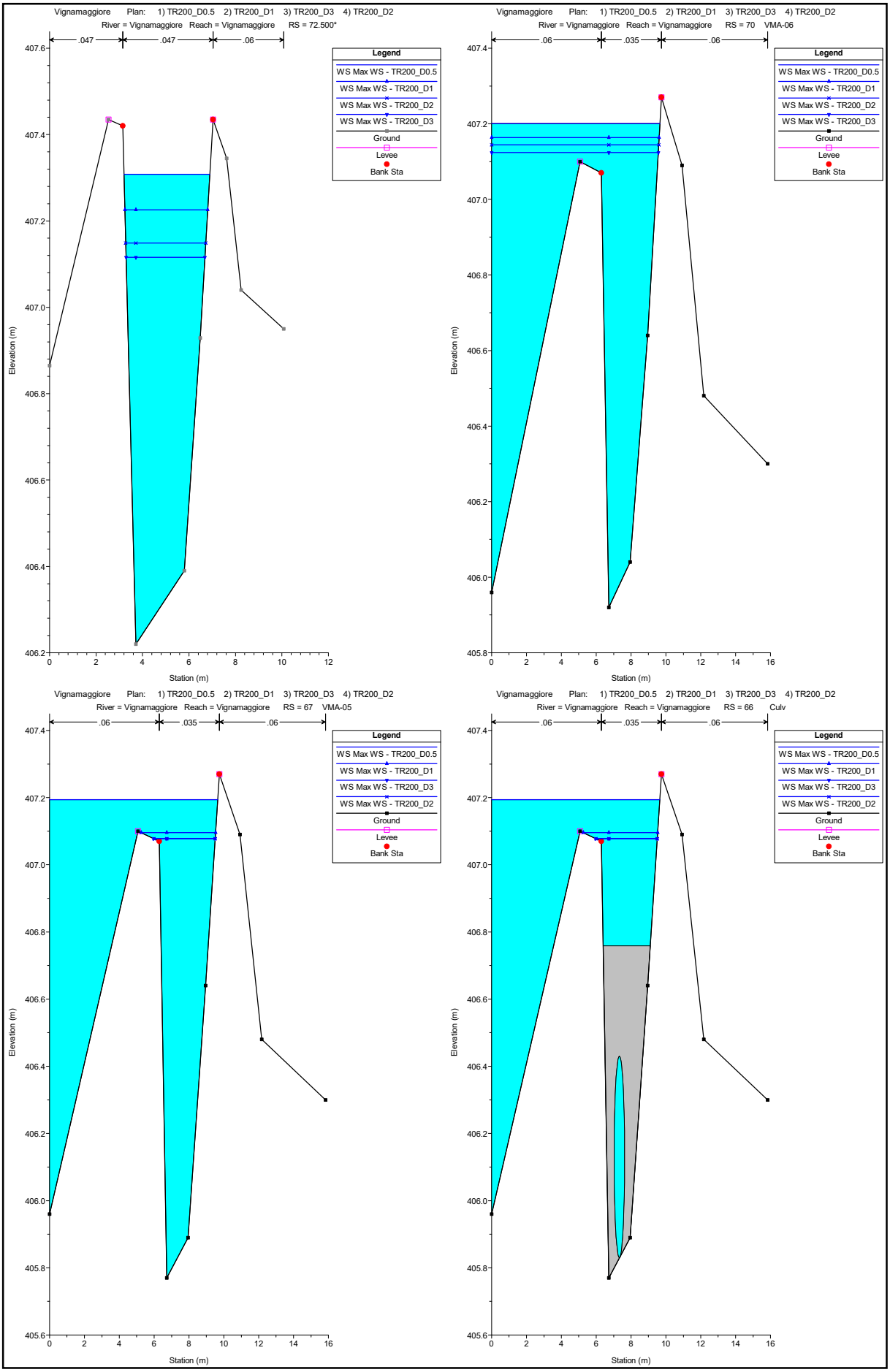
Sezioni Trasversali (da monte verso valle)

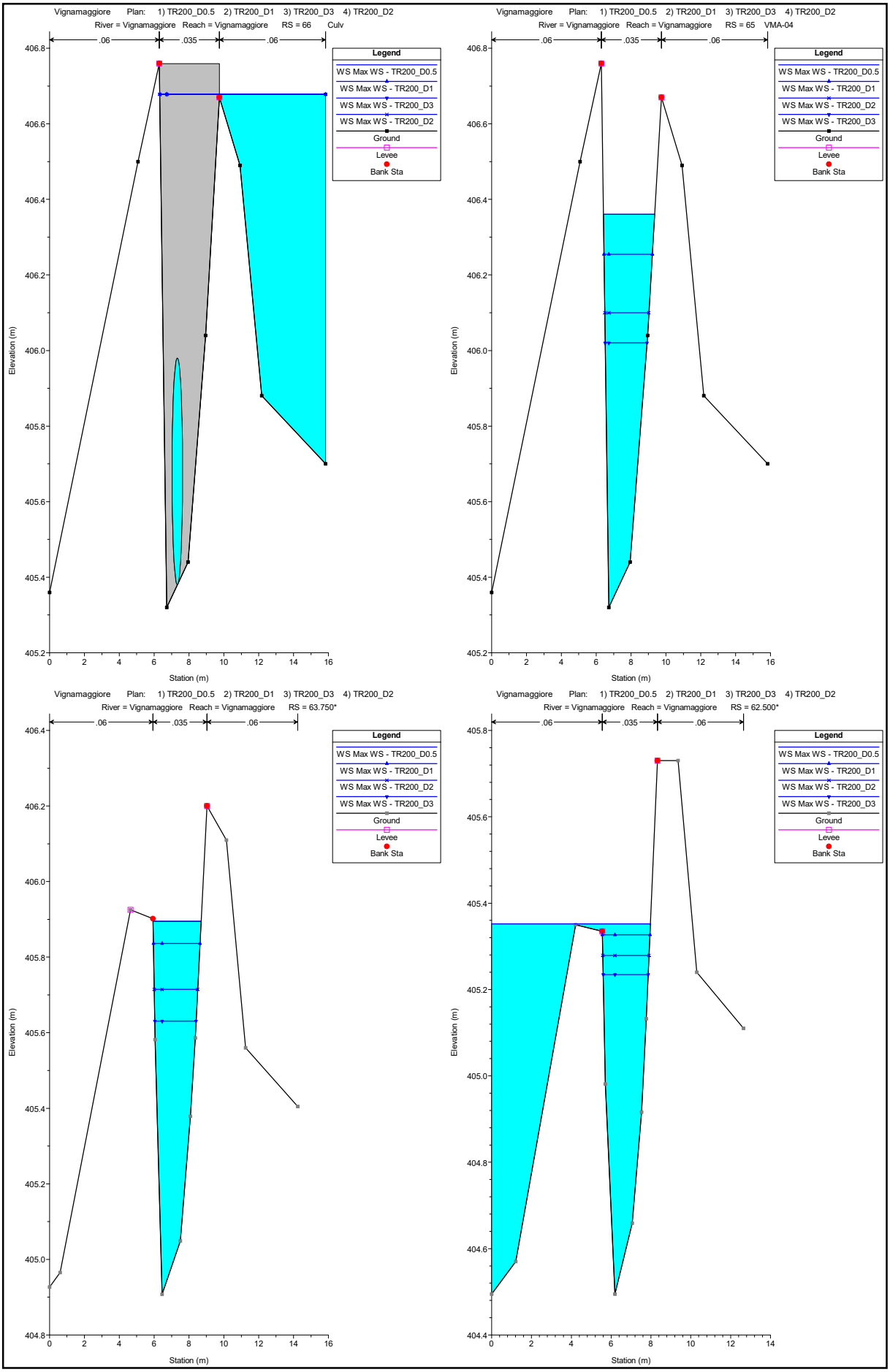

Vignamaggiore Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D3 4) TR200_D2
River = Vignamaggiore Reach = Vignamaggiore RS = 100 VMA-11
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
WS Max WS - TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Vignamaggiore Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D3 4) TR200_D2
River = Vignamaggiore Reach = Vignamaggiore RS = 98.333*
.06 .035 .06
Legend
WS Max WS - TR200_D2
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Vignamaggiore Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D3 4) TR200_D2
River = Vignamaggiore Reach = Vignamaggiore RS = 96.667*
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
WS Max WS - TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Vignamaggiore Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D3 4) TR200_D2
River = Vignamaggiore Reach = Vignamaggiore RS = 95.000*
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
WS Max WS - TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)

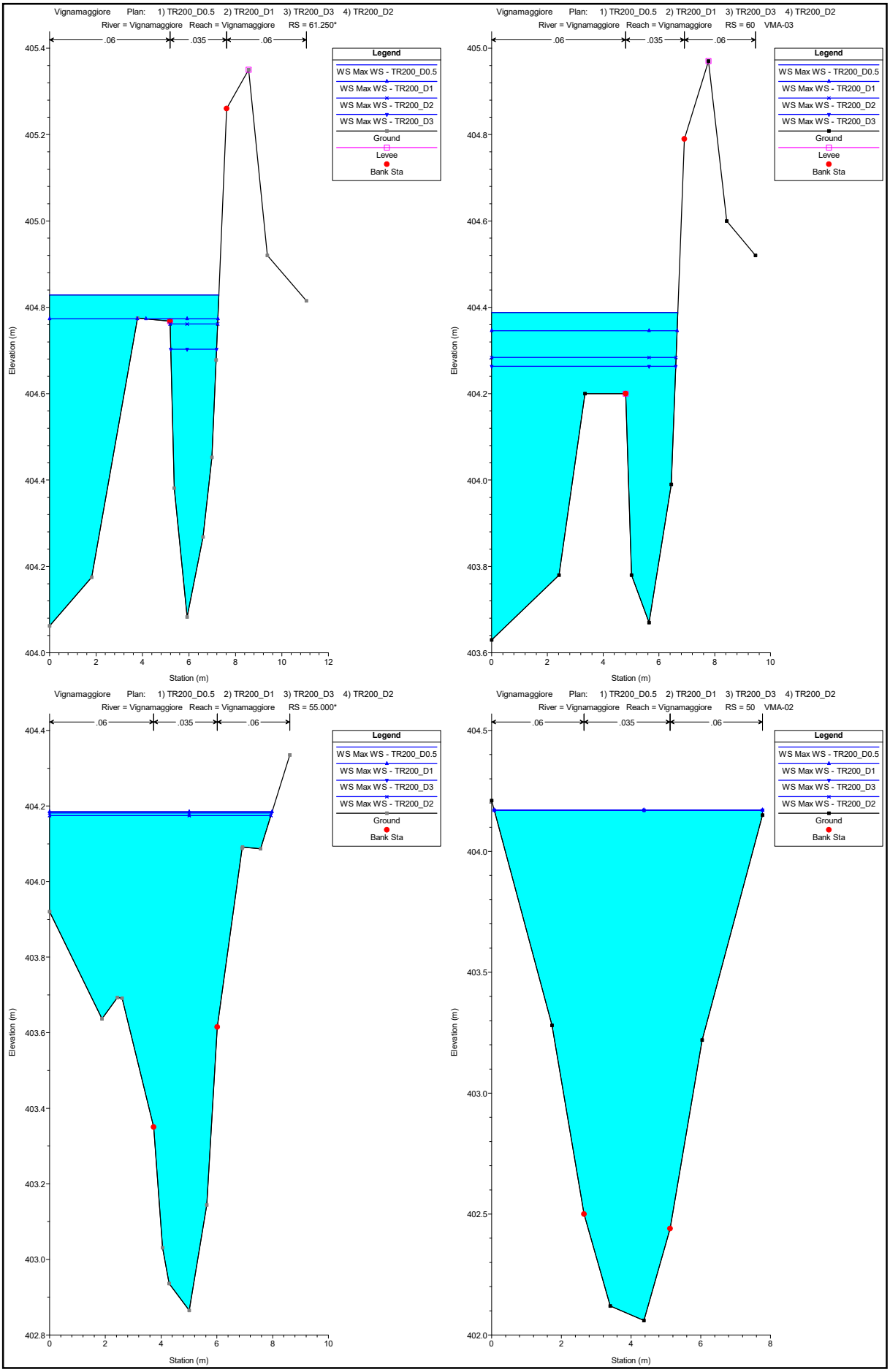

Vignamaggiore Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D3 4) TR200_D2
River = Vignamaggiore Reach = Vignamaggiore RS = 93.333*
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
WS Max WS - TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Vignamaggiore Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D3 4) TR200_D2
River = Vignamaggiore Reach = Vignamaggiore RS = 91.667*
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
WS Max WS - TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Vignamaggiore Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D3 4) TR200_D2
River = Vignamaggiore Reach = Vignamaggiore RS = 90 VMA-10
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
WS Max WS - TR200_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Vignamaggiore Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D3 4) TR200_D2
River = Vignamaggiore Reach = Vignamaggiore RS = 88.333*
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
WS Max WS - TR200_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)

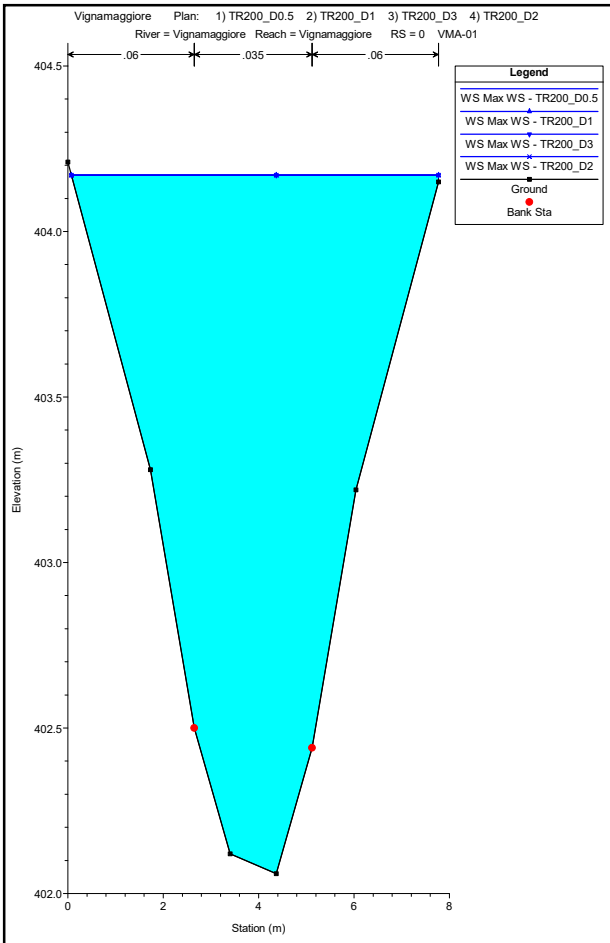

Vignamaggiore Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D3 4) TR200_D2
River = Vignamaggiore Reach = Vignamaggiore RS = 86.667*
.06
.035
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
WS Max WS - TR200_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Vignamaggiore Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D3 4) TR200_D2
River = Vignamaggiore Reach = Vignamaggiore RS = 85 VMA-09
.06
.035
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
WS Max WS - TR200_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Vignamaggiore Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D3 4) TR200_D2
River = Vignamaggiore Reach = Vignamaggiore RS = 83.333*
.052
.043
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
WS Max WS - TR200_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Vignamaggiore Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D3 4) TR200_D2
River = Vignamaggiore Reach = Vignamaggiore RS = 81.667*
.043
.052
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
WS Max WS - TR200_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)


Vignamaggiore Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D3 4) TR200_D2
River = Vignamaggiore Reach = Vignamaggiore RS = 80 VMA-08
.035
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
WS Max WS - TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Vignamaggiore Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D3 4) TR200_D2
River = Vignamaggiore Reach = Vignamaggiore RS = 77 BR
.035
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
WS Max WS - TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Vignamaggiore Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D3 4) TR200_D2
River = Vignamaggiore Reach = Vignamaggiore RS = 77 BR
.035
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
WS Max WS - TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Vignamaggiore Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D3 4) TR200_D2
River = Vignamaggiore Reach = Vignamaggiore RS = 75 VMA-07
.035
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
WS Max WS - TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)


Vignamaggiore Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D3 4) TR200_D2
River = Vignamaggiore Reach = Vignamaggiore RS = 72.500*
.047
.047
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
WS Max WS - TR200_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Vignamaggiore Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D3 4) TR200_D2
River = Vignamaggiore Reach = Vignamaggiore RS = 70 VMA-06
.06
.035
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
WS Max WS - TR200_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Vignamaggiore Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D3 4) TR200_D2
River = Vignamaggiore Reach = Vignamaggiore RS = 67 VMA-05
.06
.035
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D3
WS Max WS - TR200_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Vignamaggiore Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D3 4) TR200_D2
River = Vignamaggiore Reach = Vignamaggiore RS = 66 Culv
.06
.035
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D3
WS Max WS - TR200_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)


Vignamaggiore Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D3 4) TR200_D2
River = Vignamaggiore Reach = Vignamaggiore RS = 66 Culv
.06
.035
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D3
WS Max WS - TR200_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Vignamaggiore Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D3 4) TR200_D2
River = Vignamaggiore Reach = Vignamaggiore RS = 65 VMA-04
.06
.035
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
WS Max WS - TR200_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Vignamaggiore Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D3 4) TR200_D2
River = Vignamaggiore Reach = Vignamaggiore RS = 63.750*
.06
.035
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
WS Max WS - TR200_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Vignamaggiore Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D3 4) TR200_D2
River = Vignamaggiore Reach = Vignamaggiore RS = 62.500*
.06
.035
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
WS Max WS - TR200_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)


Vignamaggiore Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D3 4) TR200_D2
River = Vignamaggiore Reach = Vignamaggiore RS = 61.250*
.06
.035
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
WS Max WS - TR200_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Vignamaggiore Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D3 4) TR200_D2
River = Vignamaggiore Reach = Vignamaggiore RS = 60 VMA-03
.06
.035
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
WS Max WS - TR200_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Vignamaggiore Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D3 4) TR200_D2
River = Vignamaggiore Reach = Vignamaggiore RS = 55.000*
.06
.035
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D3
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Vignamaggiore Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D3 4) TR200_D2
River = Vignamaggiore Reach = Vignamaggiore RS = 50 VMA-02
.06
.035
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D3
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Vignamaggiore Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D3 4) TR200_D2
River = Vignamaggiore Reach = Vignamaggiore RS = 0 VMA-01
.06
.035
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D3
WS Max WS - TR200_D2
Ground
Bank Sta
404.5
404.0
403.5
403.0
402.5
402.0
Elevation (m)
0
2
4
6
8
Station (m)

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "VIGNAMAGGIORE"

VIGNAMAGGIORE

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 0.5, 1, 2 e 3 h

Dati idraulici

HEC-RAS River: Vignamaggiore Reach: Vignamaggiore Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Vignamaggiore	100	Max WS	TR200_D0.5	3.00	426.31	426.78	426.78	426.94	0.017102	1.76	0.18	0.31	1.75	6.21	0.98
Vignamaggiore	100	Max WS	TR200_D1	3.00	426.31	426.78	426.78	426.94	0.017102	1.76	0.18	0.31	1.75	6.21	0.98
Vignamaggiore	100	Max WS	TR200_D3	1.50	426.31	426.65	426.65	426.76	0.020792	1.45			1.03	4.88	1.01
Vignamaggiore	100	Max WS	TR200_D2	2.50	426.31	426.74	426.74	426.88	0.018412	1.67	0.11	0.24	1.52	5.84	1.00
Vignamaggiore	99.99			Lat Struct											
Vignamaggiore	99.98			Lat Struct											
Vignamaggiore	98.333*	Max WS	TR200_D0.5	9.58	423.58	424.04	424.47	426.28	0.259897	6.66	0.77	1.18	1.48	5.46	3.80
Vignamaggiore	98.333*	Max WS	TR200_D1	6.80	423.58	423.99	424.33	425.58	0.229101	5.60	0.39	0.74	1.23	5.04	3.47
Vignamaggiore	98.333*	Max WS	TR200_D3	3.10	423.58	423.90	424.09	424.66	0.169325	3.88			0.80	4.15	2.83
Vignamaggiore	98.333*	Max WS	TR200_D2	1.78	423.58	424.04		424.12	0.008251	1.20	0.15	0.22	1.52	5.53	0.68
Vignamaggiore	96.667*	Max WS	TR200_D0.5	9.59	420.85	421.30	421.81	424.59	0.401398	8.06	1.02	1.42	1.22	4.72	4.68
Vignamaggiore	96.667*	Max WS	TR200_D1	6.80	420.85	421.23	421.66	423.90	0.440951	7.24	0.52	0.78	0.94	4.22	4.72
Vignamaggiore	96.667*	Max WS	TR200_D3	3.10	420.85	421.12	421.40	422.98	0.533814	6.05			0.51	3.24	4.85
Vignamaggiore	96.667*	Max WS	TR200_D2	4.20	420.85	421.17	421.48	423.14	0.458133	6.22			0.68	3.64	4.61
Vignamaggiore	95.000*	Max WS	TR200_D0.5	9.58	418.12	418.66	419.17	421.29	0.231516	7.27	1.22	1.78	1.42	4.54	3.70
Vignamaggiore	95.000*	Max WS	TR200_D1	6.79	418.12	418.60	419.00	420.50	0.206312	6.15	0.92	1.31	1.16	4.21	3.40
Vignamaggiore	95.000*	Max WS	TR200_D3	3.10	418.12	418.50	418.72	419.30	0.133963	3.97	0.38	0.47	0.79	3.59	2.59
Vignamaggiore	95.000*	Max WS	TR200_D2	4.20	418.12	418.53	418.81	419.69	0.167013	4.78	0.57	0.73	0.89	3.80	2.95
Vignamaggiore	93.333*	Max WS	TR200_D0.5	9.59	415.39	415.91	416.55	420.36	0.416997	9.45	1.49	2.28	1.10	3.68	4.91
Vignamaggiore	93.333*	Max WS	TR200_D1	6.80	415.39	415.83	416.36	419.51	0.458618	8.53	1.18	1.67	0.83	3.30	4.96
Vignamaggiore	93.333*	Max WS	TR200_D3	3.10	415.39	415.71	416.05	417.97	0.552435	6.66	0.35		0.47	2.59	5.00
Vignamaggiore	93.333*	Max WS	TR200_D2	4.20	415.39	415.75	416.16	418.49	0.519173	7.33	0.71	0.71	0.58	2.82	5.00
Vignamaggiore	91.667*	Max WS	TR200_D0.5	9.58	412.66	413.36	413.99	416.42	0.181883	8.03	1.29	2.42	1.42	3.47	3.43
Vignamaggiore	91.667*	Max WS	TR200_D1	6.79	412.66	413.29	413.83	415.44	0.151007	6.67	1.04	1.89	1.17	3.25	3.05
Vignamaggiore	91.667*	Max WS	TR200_D3	1.17	412.66	413.21		413.31	0.008405	1.40	0.21	0.36	0.93	2.98	0.70
Vignamaggiore	91.667*	Max WS	TR200_D2	3.31	412.66	413.21	413.45	413.98	0.065915	3.93	0.58	1.01	0.93	2.99	1.96
Vignamaggiore	90	Max WS	TR200_D0.5	9.58	409.93	410.59	411.32	416.17	0.434399	11.44	1.42	3.43	1.20	3.68	5.09
Vignamaggiore	90	Max WS	TR200_D1	6.80	409.93	410.51	411.11	416.53	0.506871	11.10	1.34	2.94	0.70	2.17	5.35
Vignamaggiore	90	Max WS	TR200_D3	3.10	409.93	410.34	410.77	414.20	0.614766	8.73	0.89	1.56	0.37	1.62	5.41
Vignamaggiore	90	Max WS	TR200_D2	4.21	409.93	410.40	410.88	414.97	0.559230	9.55	1.06	2.11	0.47	1.81	5.34
Vignamaggiore	89.99			Lat Struct											
Vignamaggiore	89.98			Lat Struct											
Vignamaggiore	88.333*	Max WS	TR200_D0.5	9.58	409.08	409.68	410.56	417.12	0.608026	12.15	1.71	2.61	0.83	2.19	5.92
Vignamaggiore	88.333*	Max WS	TR200_D1	6.79	409.08	409.61	410.36	415.11	0.572569	10.42	1.37	1.99	0.67	2.08	5.57
Vignamaggiore	88.333*	Max WS	TR200_D3	3.10	409.08	409.50	409.91	411.81	0.377852	6.74	0.71	0.84	0.46	1.92	4.27
Vignamaggiore	88.333*	Max WS	TR200_D2	4.20	409.08	409.53	410.06	412.98	0.493848	8.24	0.94	1.22	0.52	1.96	4.97
Vignamaggiore	86.667*	Max WS	TR200_D0.5	9.58	408.23	408.86	409.62	413.42	0.356493	9.48	1.43	1.69	1.04	2.59	4.58
Vignamaggiore	86.667*	Max WS	TR200_D1	6.80	408.23	408.76	409.38	412.68	0.432853	8.77	1.13	1.27	0.79	2.47	4.83
Vignamaggiore	86.667*	Max WS	TR200_D3	3.10	408.23	408.59	409.00	411.76	0.789060	7.87			0.39	2.16	5.89
Vignamaggiore	86.667*	Max WS	TR200_D2	4.21	408.23	408.66	409.13	411.77	0.557252	7.82	0.62	0.52	0.54	2.34	5.16
Vignamaggiore	85	Max WS	TR200_D0.5	9.57	407.38	408.55	408.66	409.18	0.017702	3.55	0.72	0.72	2.94	3.63	1.17
Vignamaggiore	85	Max WS	TR200_D1	6.79	407.38	408.39	408.45	408.86	0.016886	3.06	0.59	0.59	2.37	3.44	1.10
Vignamaggiore	85	Max WS	TR200_D3	3.10	407.38	407.96	408.11	408.44	0.047095	3.06	0.40	0.40	1.02	2.95	1.62
Vignamaggiore	85	Max WS	TR200_D2	4.20	407.38	408.18	408.22	408.52	0.017712	2.57	0.45	0.45	1.70	3.20	1.08
Vignamaggiore	83.333*	Max WS	TR200_D0.5	9.53	407.16	408.50		408.84	0.012709	2.62	0.68	0.62	3.87	4.14	0.81
Vignamaggiore	83.333*	Max WS	TR200_D1	6.77	407.16	408.34		408.59	0.011014	2.20	0.53	0.49	3.23	3.96	0.73
Vignamaggiore	83.333*	Max WS	TR200_D3	3.09	407.16	407.85	407.87	408.09	0.030501	2.19	0.17	0.25	1.42	3.38	1.07
Vignamaggiore	83.333*	Max WS	TR200_D2	4.19	407.16	408.14		408.30	0.009717	1.75	0.37	0.35	2.46	3.72	0.66
Vignamaggiore	81.667*	Max WS	TR200_D0.5	9.46	406.94	408.47		408.65	0.008647	1.91	0.66	0.57	5.36	5.62	0.55
Vignamaggiore	81.667*	Max WS	TR200_D1	6.71	406.94	408.35		408.47	0.006293	1.53	0.41	0.40	4.68	5.62	0.46
Vignamaggiore	81.667*	Max WS	TR200_D3	3.08	406.94	407.78		407.89	0.014110	1.44		0.18	2.14	3.87	0.61
Vignamaggiore	81.667*	Max WS	TR200_D2	4.13	406.94	408.16		408.23	0.004524	1.15	0.32	0.28	3.69	4.31	0.38
Vignamaggiore	80	Max WS	TR200_D0.5	7.27	406.72	408.58	407.66	408.63	0.001445	1.07			6.77	4.32	0.27
Vignamaggiore	80	Max WS	TR200_D1	5.52	406.72	408.42	407.54	408.46	0.001111	0.91			6.09	4.32	0.24
Vignamaggiore	80	Max WS	TR200_D3	3.11	406.72	407.80	407.34	407.84	0.001856	0.91			3.40	4.32	0.33
Vignamaggiore	80	Max WS	TR200_D2	3.92	406.72	408.19	407.41	408.22	0.000912	0.77			5.11	4.32	0.22
Vignamaggiore	77			Bridge											
Vignamaggiore	75	Max WS	TR200_D0.5	7.27	406.52	407.45	407.43	407.78	0.016400	2.55			2.86	4.02	0.96
Vignamaggiore	75	Max WS	TR200_D1	5.49	406.52	407.34		407.60	0.014873	2.26			2.43	3.88	0.91
Vignamaggiore	75	Max WS	TR200_D3	3.11	406.52	407.18		407.33	0.011183	1.71			1.82	3.66	0.77
Vignamaggiore	75	Max WS	TR200_D2	3.92	406.52	407.24		407.43	0.012794	1.93			2.03	3.74	0.84
Vignamaggiore	72.500*	Max WS	TR200_D0.5	7.25	406.22	407.31		407.63	0.026716	2.51			2.89	3.69	0.90
Vignamaggiore	72.500*	Max WS	TR200_D1	5.46	406.22	407.23		407.45	0.020474	2.10			2.59	3.57	0.79
Vignamaggiore	72.500*	Max WS	TR200_D3	3.11	406.22	407.12		407.22	0.010376	1.41			2.21	3.40	0.56
Vignamaggiore	72.500*	Max WS	TR200_D2	3.90	406.22	407.15		407.29	0.014198	1.68			2.32	3.45	0.65
Vignamaggiore	70	Max WS	TR200_D0.5	7.13	405.92	407.20		407.29	0.005579	1.57	0.75		6.41	9.66	0.54
Vignamaggiore	70	Max WS	TR200_D1	5.13	405.92	407.16		407.22	0.003410	1.20	0.56		6.05	9.61	0.42
Vignamaggiore	70	Max WS	TR200_D3	3.10	405.92	407.12		407.15	0.001495	0.78	0.35		5.67	9.56	0.28
Vignamaggiore	70	Max WS	TR200_D2	3.89	405.92	407.14		407.18	0.002130	0.94	0.43		5.87	9.59	0.33
Vignamaggiore	67	Max WS	TR200_D0.5	7.00	405.77	407.19		407.28	0.004681	1.48	0.68		6.63	9.65	0.49
Vignamaggiore	67	Max WS	TR200_D1	5.64	405.77	407.10		407.30	0.009557	2.01	0.09		2.82	4.26	0.69
Vignamaggiore	67	Max WS	TR200_D3	1.82	405.77	407.08		407.10	0.001056	0.66	0.01		2.75	3.54	0.23
Vignamaggiore	67	Max WS	TR200_D2	1.84	405.77	407.08		407.10	0.001082	0.67	0.01		2.75	3.53	0.23
Vignamaggiore	66			Culvert											
Vignamaggiore	65	Max WS	TR200_D0.5	7.00	405.32	406.36	406.51	406.96	0.034915	3.42			2.05	2.94	1.31
Vignamaggiore	65	Max WS	TR200_D1	5.62	405.32	406.25	406.39	406.78	0.034796	3.22			1.75	2.78	1.30
Vignamaggiore	65	Max WS	TR200_D3	3.10	405.32	406.02	406.11	406.40	0.034376	2.72			1.14	2.40	1.26
Vignamaggiore	65	Max WS	TR200_D2	3.87	405.32	406.10	406.20	406.53	0.034460	2.90			1.34	2.53	1.27
Vignamaggiore	63.750*	Max WS	TR200_D0.5	7.00	404.91	405.89	405.93	406.67	0.047772	3.89			1.80	2.77	1.54
Vignamaggiore	63.750*	Max WS	TR200_D1	5.59	404.91	405.84	405.93	406.43	0.039408	3.42			1.64	2.68	1.40
Vignamaggiore	63.750*	Max WS	TR200_D3	3.10	404.91	405.63	405.73	406.02	0.034566	2.77			1.12	2.37	1.29
Vignamaggiore	63.750*	Max WS	TR200_D2	3.87	404.91	405.71	405.82	406.15	0.033828	2.92			1.32	2.50	1.28
Vignamaggiore	62.500*	Max WS	TR200_D0.5	6.99	404.49	405.35	405.34	405.63	0.030538	2.88	1.41		3.55	7.97	1.22
Vignamaggiore	62.500*	Max WS	TR200_D1	5.57	404.49	405.33	405.34	406.26	0.070343	4.28			1.30	2.39	1.85

HEC-RAS River: Vignamaggiore Reach: Vignamaggiore Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Vignamaggiore	62.500*	Max WS	TR200_D3	3.10	404.49	405.23	405.34	405.65	0.035755	2.85			1.09	2.26	1.31
Vignamaggiore	62.500*	Max WS	TR200_D2	3.87	404.49	405.28	405.34	405.82	0.043468	3.25			1.19	2.32	1.45
Vignamaggiore	61.250*	Max WS	TR200_D0.5	6.99	404.08	404.83	404.77	405.17	0.044437	3.25	1.72		3.12	7.29	1.46
Vignamaggiore	61.250*	Max WS	TR200_D1	5.55	404.08	404.77	404.77	405.03	0.035424	2.74	1.67		2.72	6.87	1.29
Vignamaggiore	61.250*	Max WS	TR200_D3	3.10	404.08	404.70	404.77	405.46	0.080032	3.85			0.80	1.98	1.93
Vignamaggiore	61.250*	Max WS	TR200_D2	2.50	404.08	404.76	404.77	405.14	0.035651	2.71			0.92	2.05	1.29
Vignamaggiore	60	Max WS	TR200_D0.5	6.72	403.67	404.39	404.22	404.65	0.033827	2.89	1.68		3.29	6.67	1.27
Vignamaggiore	60	Max WS	TR200_D1	5.42	403.67	404.35	404.22	404.55	0.029093	2.57	1.47		3.00	6.65	1.17
Vignamaggiore	60	Max WS	TR200_D3	3.07	403.67	404.26		404.37	0.017309	1.81	1.00		2.46	6.60	0.89
Vignamaggiore	60	Max WS	TR200_D2	3.81	403.67	404.28	404.22	404.43	0.022602	2.12	1.18		2.60	6.61	1.02
Vignamaggiore	55.000*	Max WS	TR200_D0.5	3.81	402.86	404.18		404.24	0.001731	1.14	0.41	0.22	4.84	7.98	0.34
Vignamaggiore	55.000*	Max WS	TR200_D1	3.81	402.86	404.18		404.24	0.001731	1.14	0.41	0.22	4.84	7.98	0.34
Vignamaggiore	55.000*	Max WS	TR200_D3	1.22	402.86	404.18		404.19	0.000178	0.37	0.13	0.07	4.82	7.97	0.11
Vignamaggiore	55.000*	Max WS	TR200_D2	2.13	402.86	404.17		404.19	0.000558	0.65	0.23	0.12	4.76	7.94	0.20
Vignamaggiore	50	Max WS	TR200_D0.5	4.09	402.06	404.17		404.19	0.000254	0.68	0.19	0.20	8.85	7.70	0.16
Vignamaggiore	50	Max WS	TR200_D1	4.09	402.06	404.17		404.19	0.000254	0.68	0.19	0.20	8.85	7.70	0.16
Vignamaggiore	50	Max WS	TR200_D3	1.17	402.06	404.17		404.17	0.000021	0.19	0.06	0.06	8.84	7.70	0.04
Vignamaggiore	50	Max WS	TR200_D2	2.02	402.06	404.17		404.18	0.000062	0.34	0.10	0.10	8.84	7.70	0.08
Vignamaggiore	0	Max WS	TR200_D0.5	3.00	402.06	404.17	402.74	404.18	0.000137	0.50	0.14	0.15	8.84	7.70	0.11
Vignamaggiore	0	Max WS	TR200_D1	3.00	402.06	404.17	402.74	404.18	0.000137	0.50	0.14	0.15	8.84	7.70	0.11
Vignamaggiore	0	Max WS	TR200_D3	1.50	402.06	404.17	402.54	404.17	0.000034	0.25	0.07	0.07	8.84	7.70	0.06
Vignamaggiore	0	Max WS	TR200_D2	2.50	402.06	404.17	402.68	404.18	0.000095	0.42	0.12	0.12	8.84	7.70	0.09

ALLEGATI

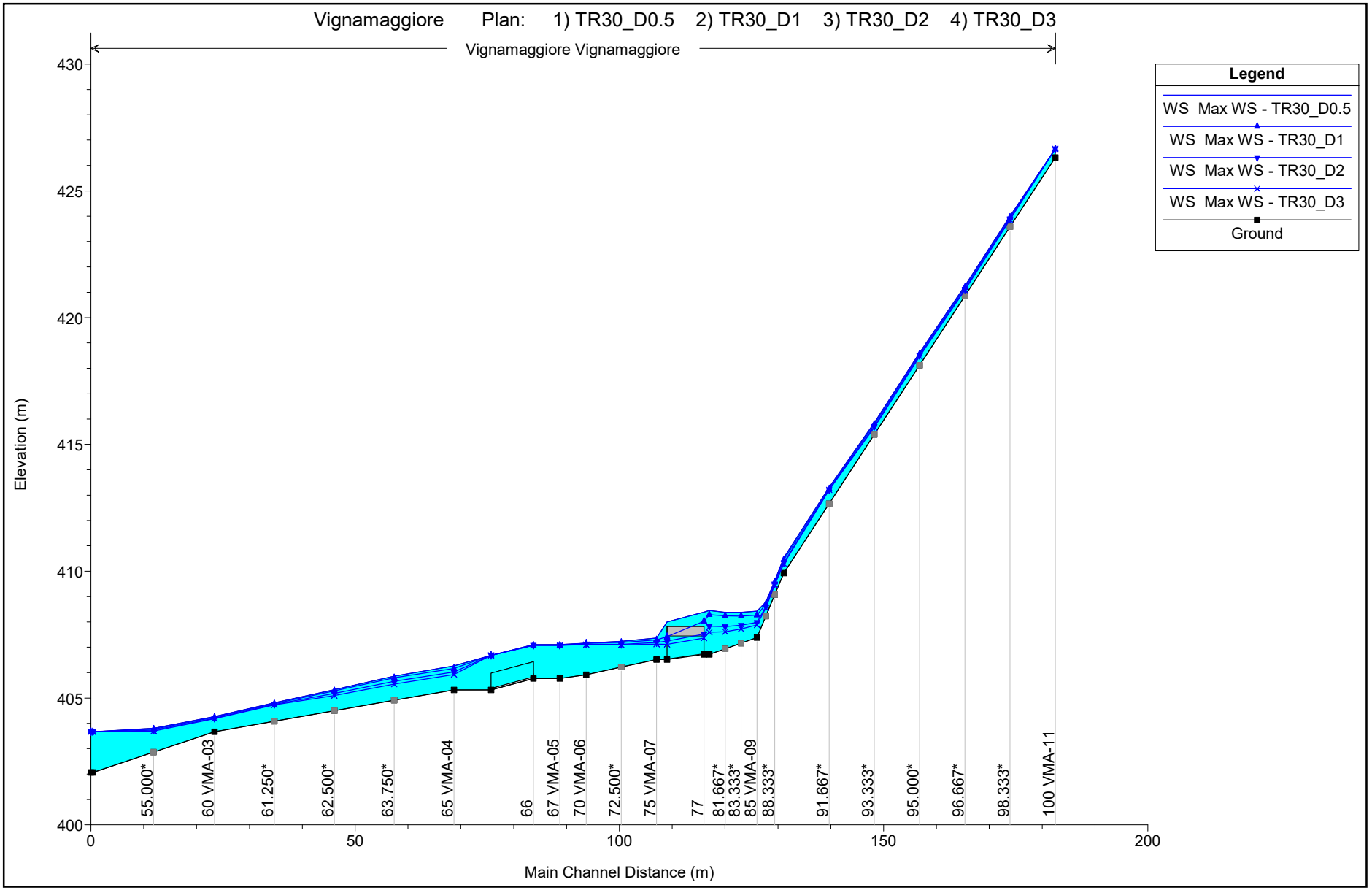
MODELLAZIONE HEC-RAS 5.0.7 "VIGNAMAGGIORE"

VIGNAMAGGIORE

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 0.5, 1, 2 e 3 h

Profilo longitudinale


Vignamaggiore Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
Vignamaggiore Vignamaggiore
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
WS Max WS - TR30_D3
Ground
Elevation (m)
Main Channel Distance (m)
430
425
420
415
410
405
400
0
50
100
150
200
55.000*
60 VMA-03
61.250*
62.500*
63.750*
65 VMA-04
66
67 VMA-05
70 VMA-06
72.500*
75 VMA-07
77
81.667*
83.333*
85 VMA-09
88.333*
91.667*
93.333*
95.000*
96.667*
98.333*
100 VMA-11

ALLEGATI

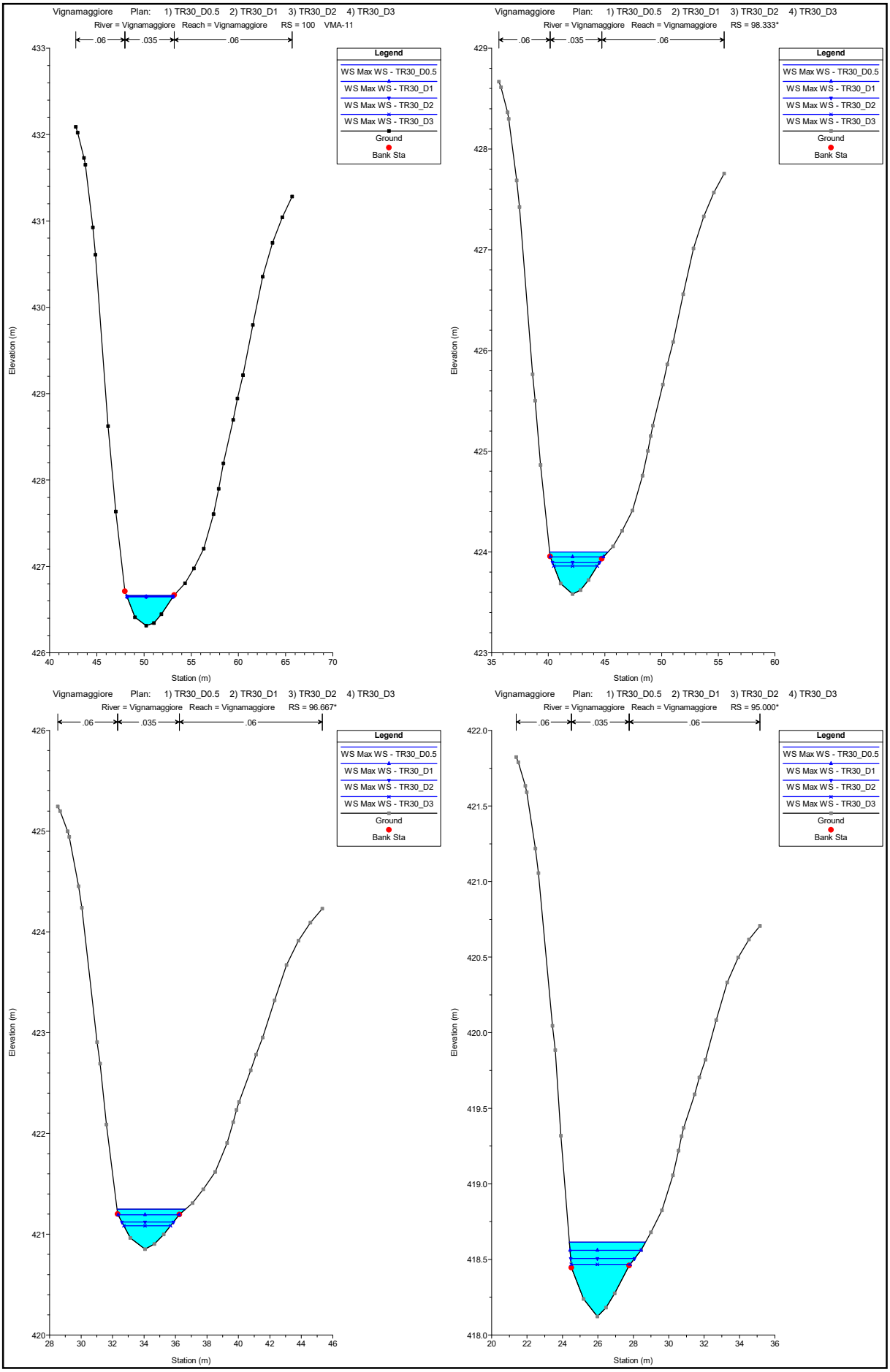
MODELLAZIONE HEC-RAS 5.0.7 "VIGNAMAGGIORE"

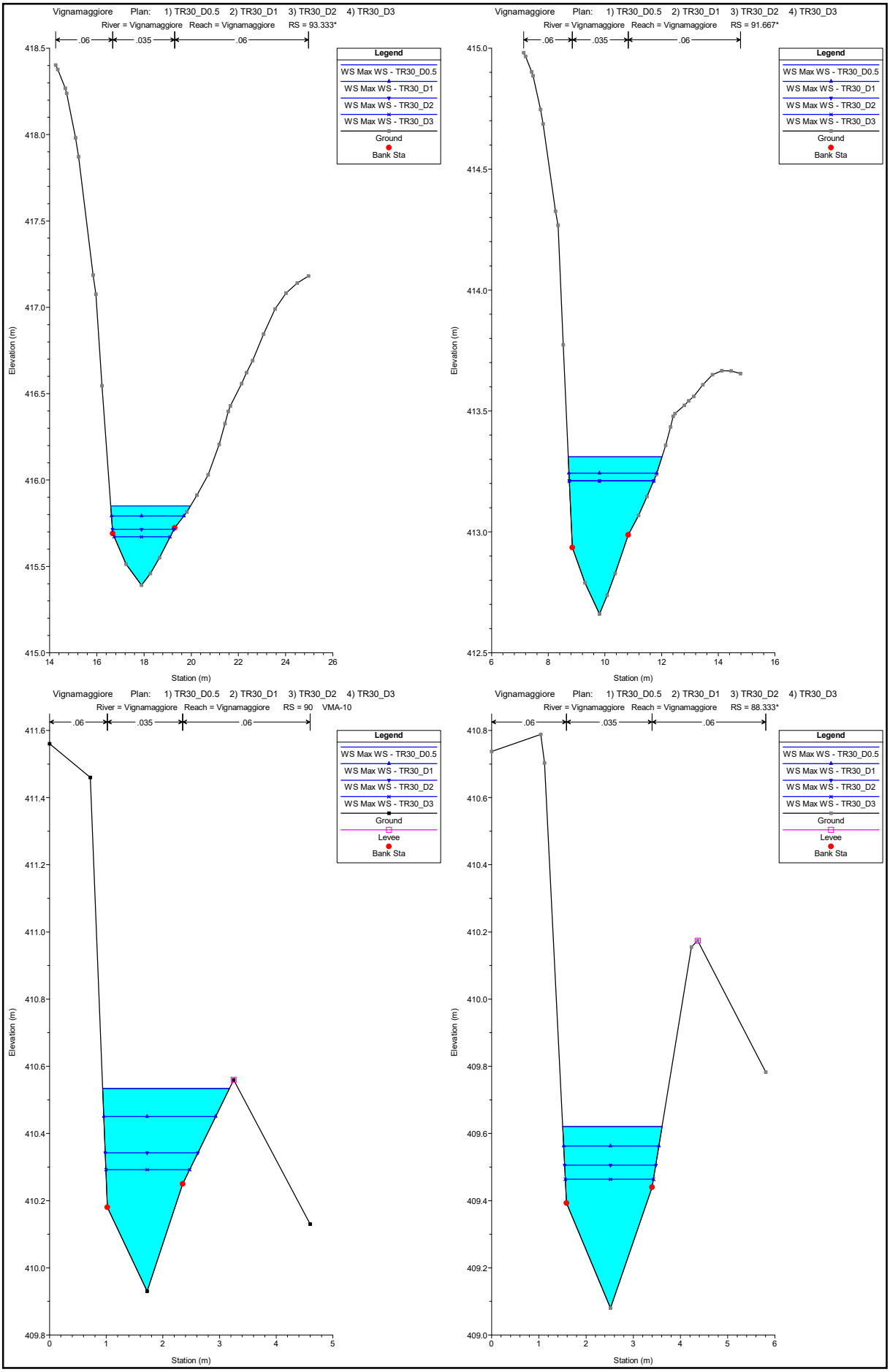
VIGNAMAGGIORE

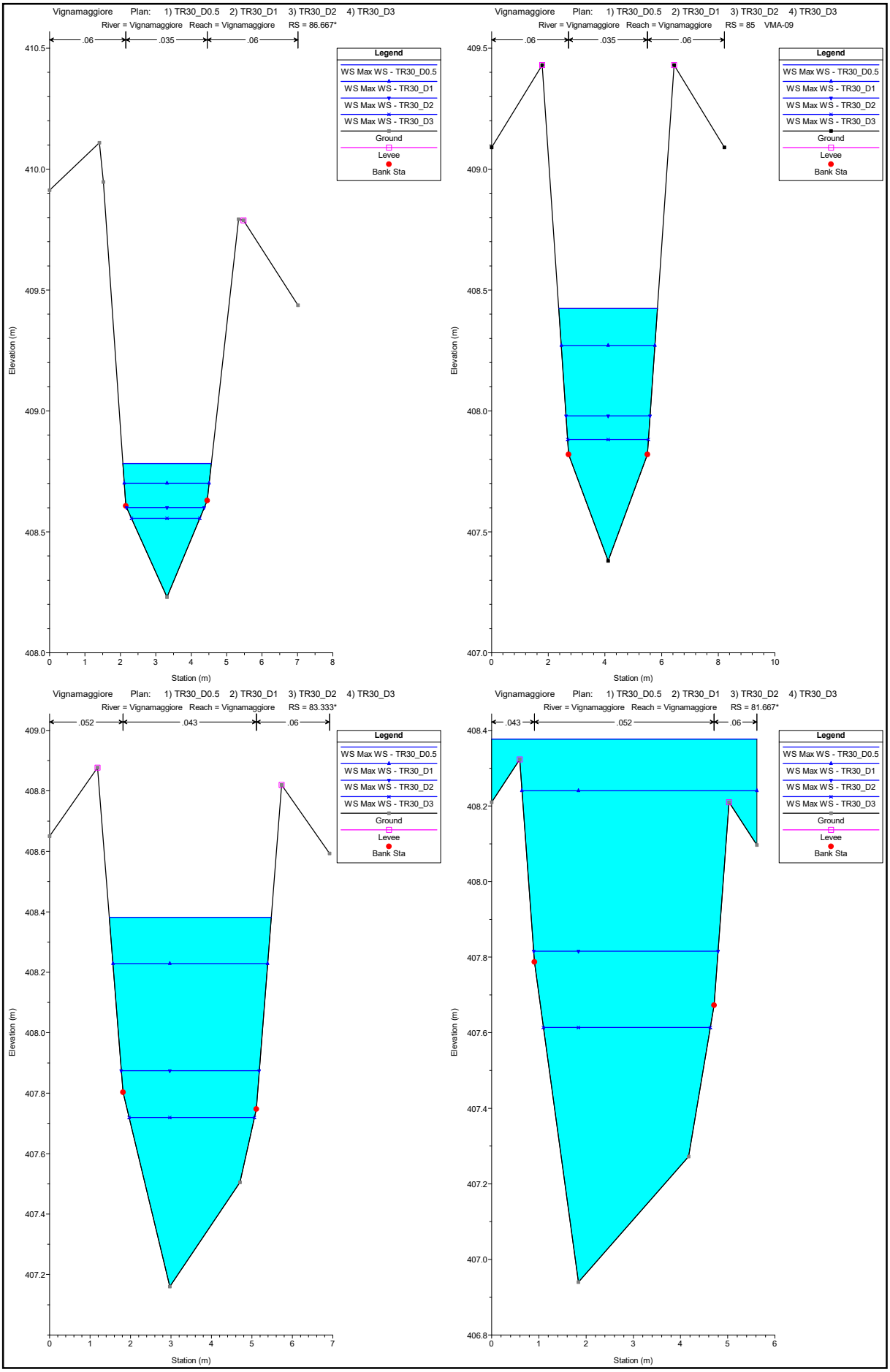
MODELLAZIONE PER TR= 30 anni

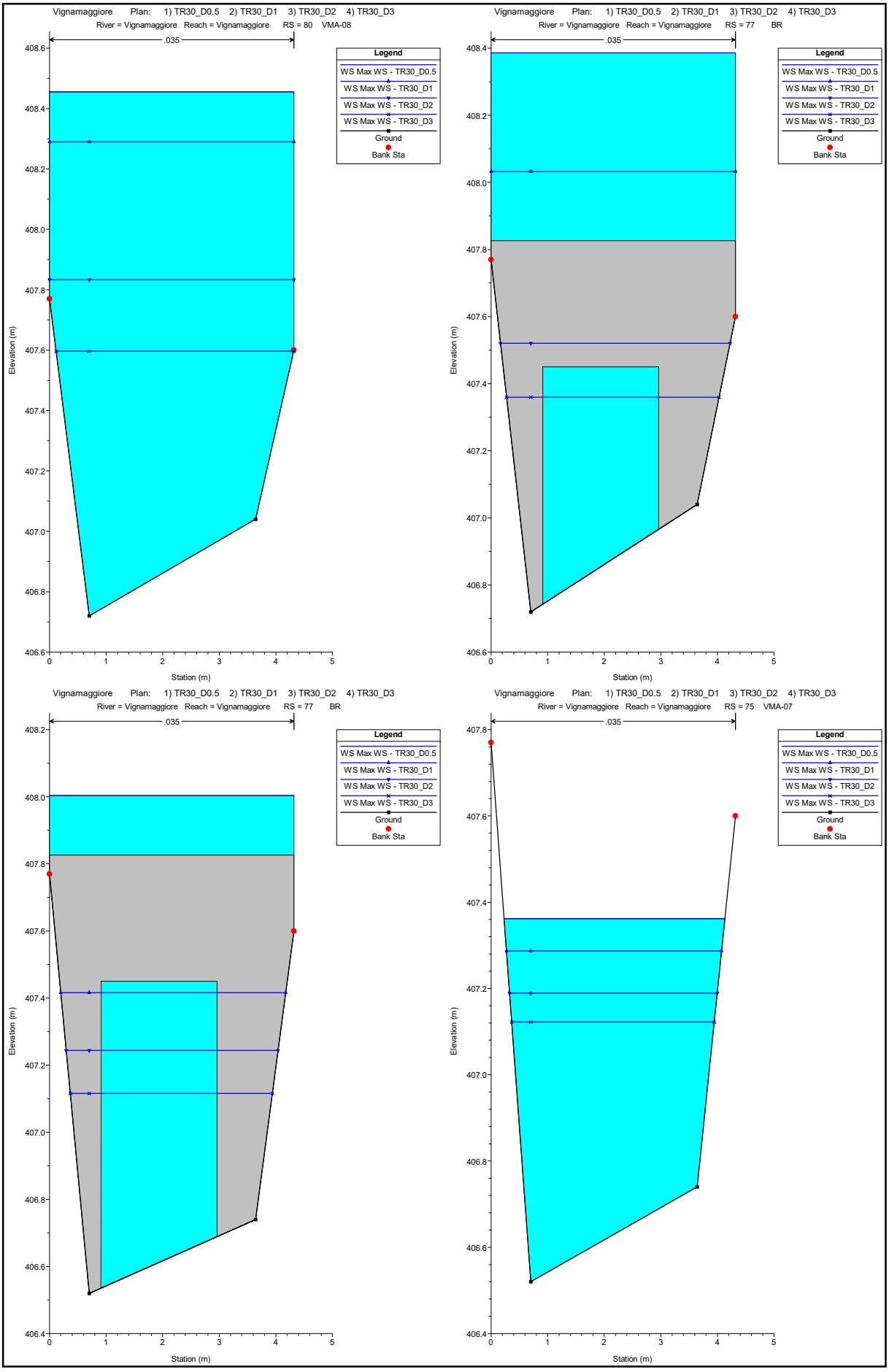
DURATE DI PIOGGIA: 0.5, 1, 2 e 3 h

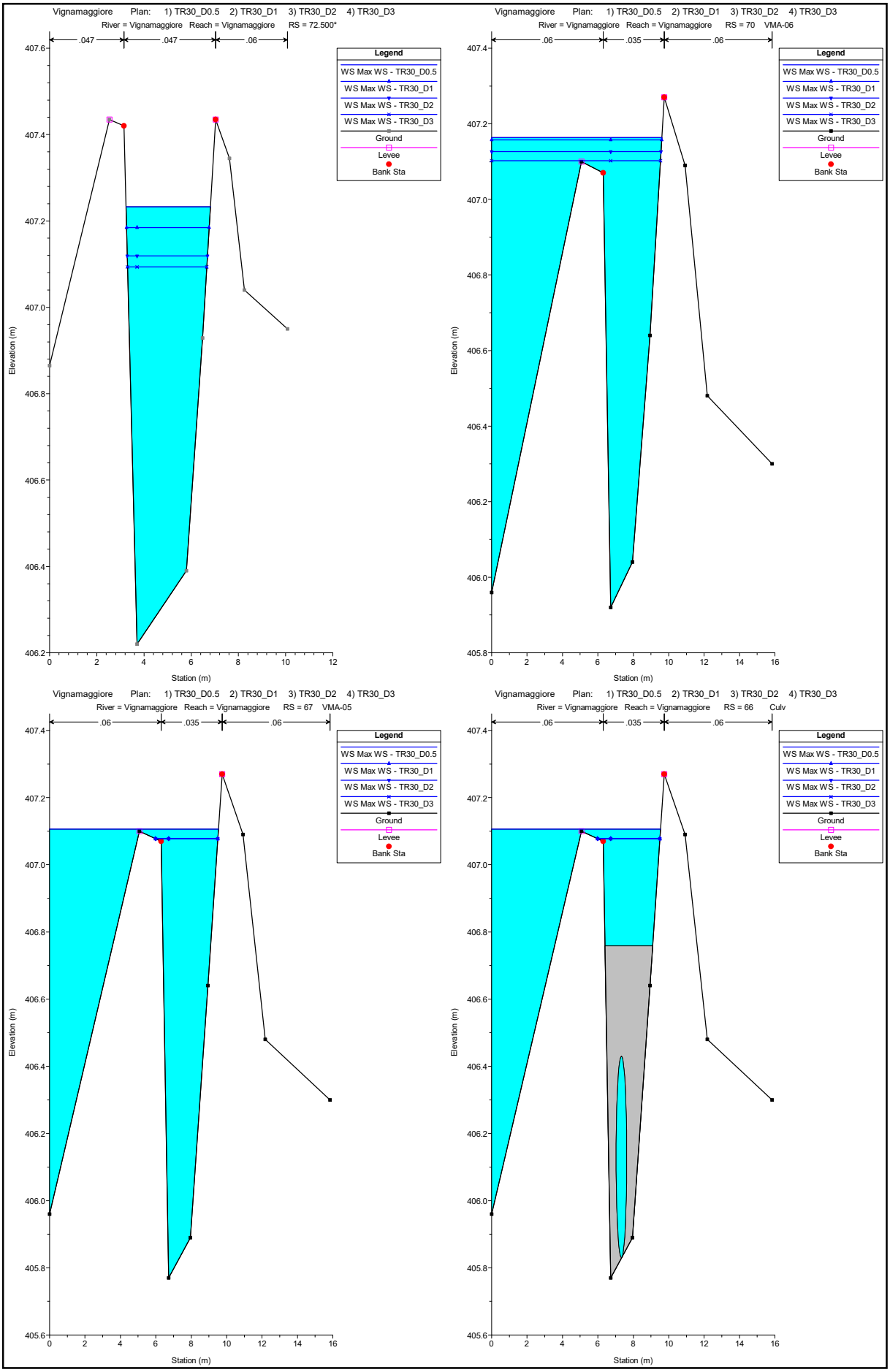
Sezioni Trasversali (da monte verso valle)

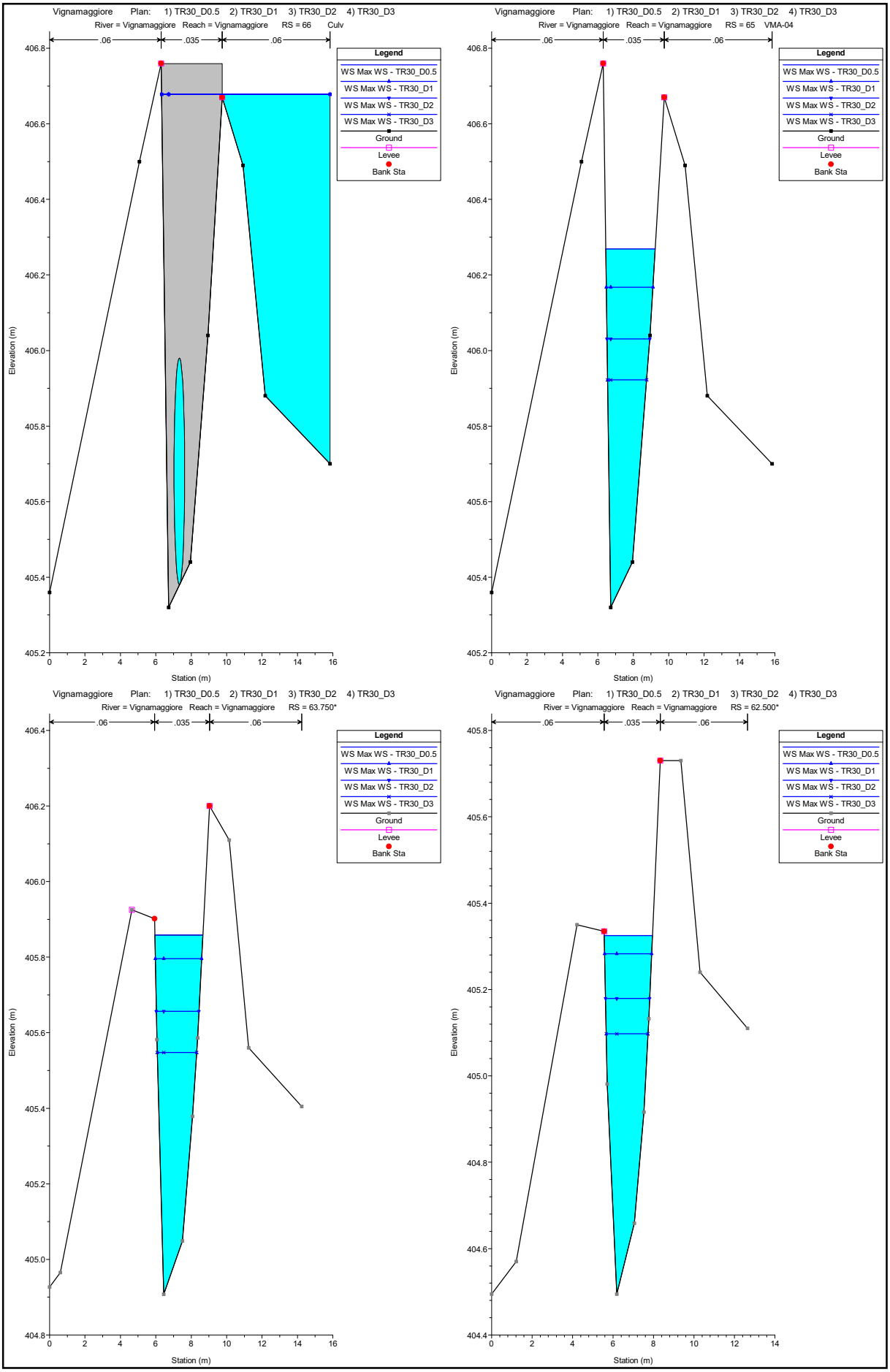

Vignamaggiore Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = Vignamaggiore Reach = Vignamaggiore RS = 100 VMA-11
.06
.035
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
WS Max WS - TR30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Vignamaggiore Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = Vignamaggiore Reach = Vignamaggiore RS = 98.333*
Vignamaggiore Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = Vignamaggiore Reach = Vignamaggiore RS = 96.667*
Vignamaggiore Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = Vignamaggiore Reach = Vignamaggiore RS = 95.000*

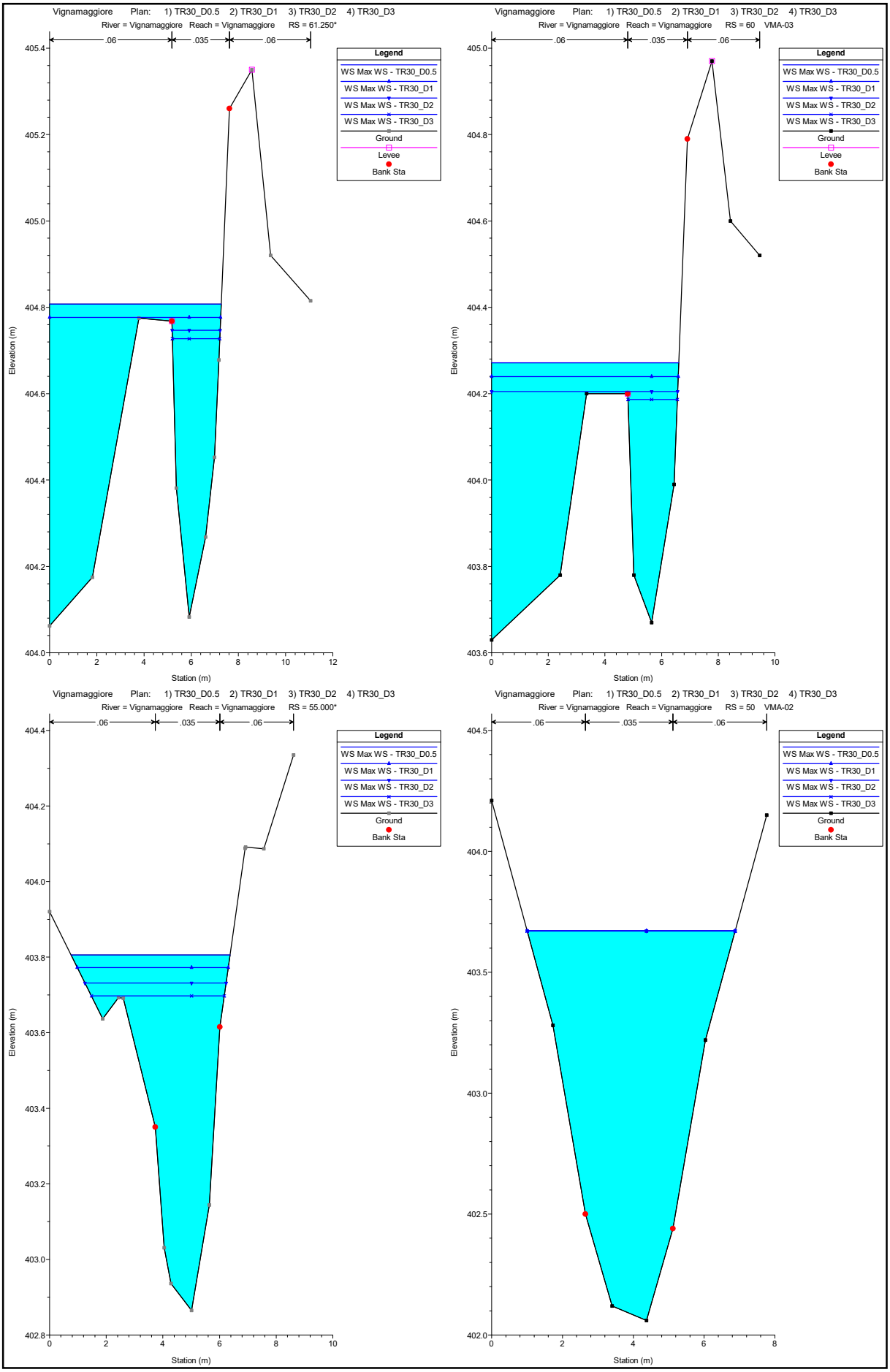

Vignamaggiore Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = Vignamaggiore Reach = Vignamaggiore RS = 93.333*
.06
.035
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
WS Max WS - TR30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Vignamaggiore Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = Vignamaggiore Reach = Vignamaggiore RS = 91.667*
.06
.035
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
WS Max WS - TR30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Vignamaggiore Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = Vignamaggiore Reach = Vignamaggiore RS = 90 VMA-10
.06
.035
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
WS Max WS - TR30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Vignamaggiore Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = Vignamaggiore Reach = Vignamaggiore RS = 88.333*
.06
.035
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
WS Max WS - TR30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)

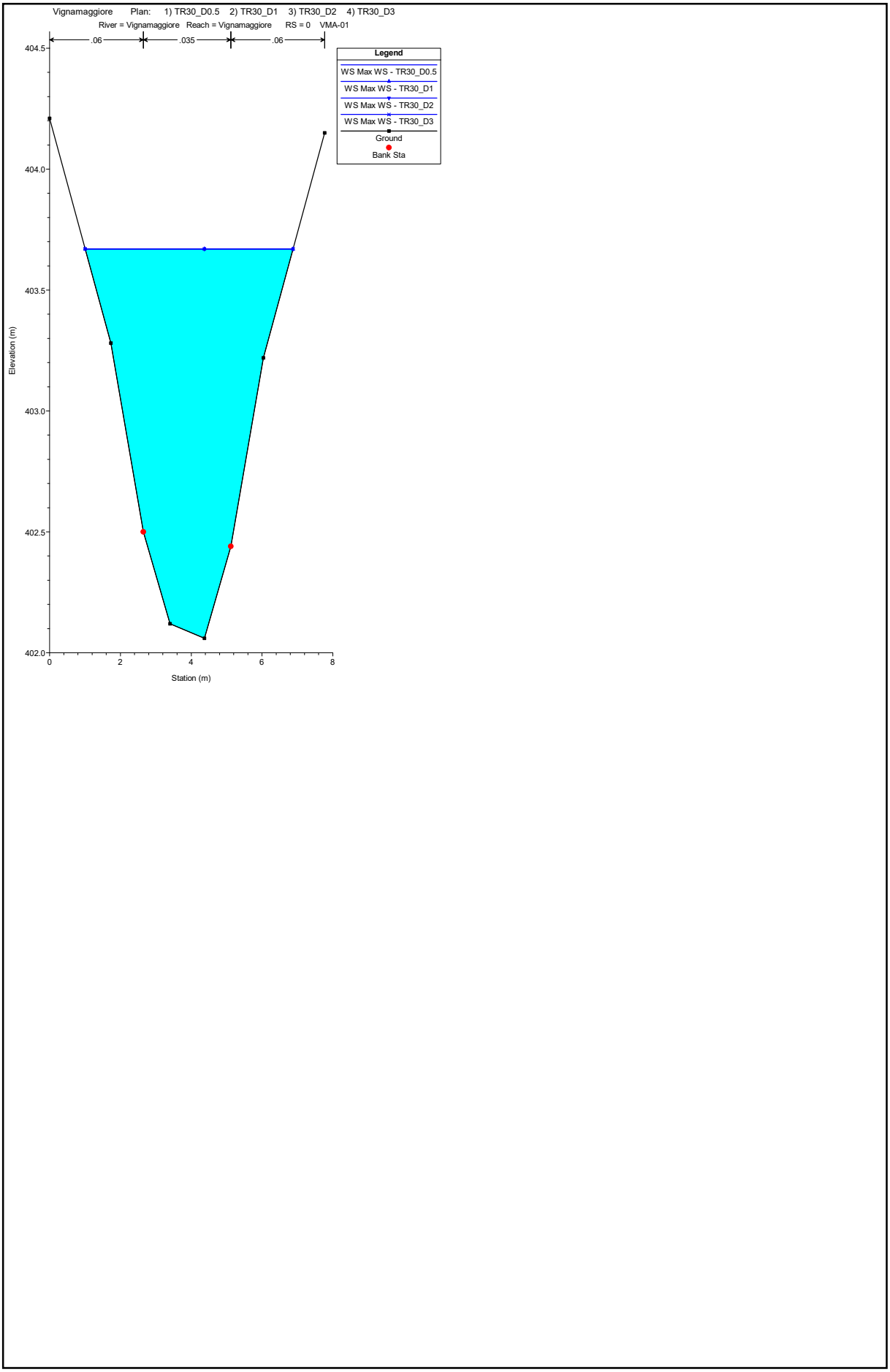

Vignamaggiore Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = Vignamaggiore Reach = Vignamaggiore RS = 86.667*
.06 .035 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
WS Max WS - TR30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Vignamaggiore Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = Vignamaggiore Reach = Vignamaggiore RS = 85 VMA-09
.06 .035 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
WS Max WS - TR30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Vignamaggiore Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = Vignamaggiore Reach = Vignamaggiore RS = 83.333*
.052 .043 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
WS Max WS - TR30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Vignamaggiore Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = Vignamaggiore Reach = Vignamaggiore RS = 81.667*
.043 .052 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
WS Max WS - TR30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)


Vignamaggiore Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = Vignamaggiore Reach = Vignamaggiore RS = 80 VMA-08
.035
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
WS Max WS - TR30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Vignamaggiore Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = Vignamaggiore Reach = Vignamaggiore RS = 77 BR
.035
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
WS Max WS - TR30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Vignamaggiore Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = Vignamaggiore Reach = Vignamaggiore RS = 77 BR
.035
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
WS Max WS - TR30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Vignamaggiore Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = Vignamaggiore Reach = Vignamaggiore RS = 75 VMA-07
.035
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
WS Max WS - TR30_D3
Ground
Bank Sta
Elevation (m)
Station (m)


Vignamaggiore Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = Vignamaggiore Reach = Vignamaggiore RS = 72.500*
.047
.047
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
WS Max WS - TR30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Vignamaggiore Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = Vignamaggiore Reach = Vignamaggiore RS = 70 VMA-06
.06
.035
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
WS Max WS - TR30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Vignamaggiore Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = Vignamaggiore Reach = Vignamaggiore RS = 67 VMA-05
.06
.035
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
WS Max WS - TR30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Vignamaggiore Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = Vignamaggiore Reach = Vignamaggiore RS = 66 Culv
.06
.035
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
WS Max WS - TR30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)


Vignamaggiore Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = Vignamaggiore Reach = Vignamaggiore RS = 66 Culv
.06
.035
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
WS Max WS - TR30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Vignamaggiore Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = Vignamaggiore Reach = Vignamaggiore RS = 65 VMA-04
.06
.035
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
WS Max WS - TR30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Vignamaggiore Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = Vignamaggiore Reach = Vignamaggiore RS = 63.750*
.06
.035
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
WS Max WS - TR30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Vignamaggiore Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = Vignamaggiore Reach = Vignamaggiore RS = 62.500*
.06
.035
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
WS Max WS - TR30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)


Vignamaggiore Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = Vignamaggiore Reach = Vignamaggiore RS = 61.250*
.06
.035
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
WS Max WS - TR30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Vignamaggiore Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = Vignamaggiore Reach = Vignamaggiore RS = 60 VMA-03
.06
.035
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
WS Max WS - TR30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Vignamaggiore Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = Vignamaggiore Reach = Vignamaggiore RS = 55.000*
.06
.035
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
WS Max WS - TR30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Vignamaggiore Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = Vignamaggiore Reach = Vignamaggiore RS = 50 VMA-02
.06
.035
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
WS Max WS - TR30_D3
Ground
Bank Sta
Elevation (m)
Station (m)


Vignamaggiore Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = Vignamaggiore Reach = Vignamaggiore RS = 0 VMA-01
.06
.035
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
WS Max WS - TR30_D3
Ground
Bank Sta
Elevation (m)
404.5
404.0
403.5
403.0
402.5
402.0
0
2
4
6
8
Station (m)

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "VIGNAMAGGIORE"

VIGNAMAGGIORE

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 0.5, 1, 2 e 3 h

Dati idraulici

HEC-RAS River: Vignamaggiore Reach: Vignamaggiore Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Vignamaggiore	100	Max WS	TR30_D0.5	7.40	426.31	426.66	427.04	428.99	0.429233	6.75			1.10	5.00	4.60
Vignamaggiore	100	Max WS	TR30_D1	1.50	426.31	426.65	426.65	426.76	0.020792	1.45			1.03	4.88	1.01
Vignamaggiore	100	Max WS	TR30_D2	1.50	426.31	426.65	426.65	426.76	0.020792	1.45			1.03	4.88	1.01
Vignamaggiore	100	Max WS	TR30_D3	1.50	426.31	426.65	426.65	426.76	0.020792	1.45			1.03	4.88	1.01
Vignamaggiore	99.99			Lat Struct											
Vignamaggiore	99.98			Lat Struct											
Vignamaggiore	98.333*	Max WS	TR30_D0.5	7.40	423.58	424.00	424.36	425.73	0.234866	5.83	0.49	0.85	1.29	5.14	3.53
Vignamaggiore	98.333*	Max WS	TR30_D1	5.30	423.58	423.95	424.24	425.27	0.231041	5.09		0.36	1.04	4.69	3.40
Vignamaggiore	98.333*	Max WS	TR30_D2	3.20	423.58	423.90	424.10	424.69	0.173425	3.95			0.81	4.18	2.86
Vignamaggiore	98.333*	Max WS	TR30_D3	2.30	423.58	423.86	424.02	424.49	0.161658	3.51			0.66	3.83	2.71
Vignamaggiore	96.667*	Max WS	TR30_D0.5	7.39	420.85	421.25	421.69	424.02	0.421395	7.38	0.66	0.96	1.01	4.34	4.66
Vignamaggiore	96.667*	Max WS	TR30_D1	5.30	420.85	421.19	421.56	423.54	0.487337	6.78			0.78	3.88	4.82
Vignamaggiore	96.667*	Max WS	TR30_D2	3.20	420.85	421.12	421.41	423.00	0.528077	6.08			0.53	3.27	4.84
Vignamaggiore	96.667*	Max WS	TR30_D3	2.30	420.85	421.08	421.32	422.70	0.551953	5.62			0.41	2.96	4.83
Vignamaggiore	95.000*	Max WS	TR30_D0.5	7.39	418.12	418.61	419.04	420.64	0.206919	6.36	0.99	1.42	1.23	4.30	3.43
Vignamaggiore	95.000*	Max WS	TR30_D1	5.29	418.12	418.56	418.90	420.05	0.187423	5.42	0.73	0.98	1.01	4.01	3.18
Vignamaggiore	95.000*	Max WS	TR30_D2	3.20	418.12	418.51	418.73	419.33	0.135630	4.03	0.40	0.49	0.80	3.62	2.61
Vignamaggiore	95.000*	Max WS	TR30_D3	2.30	418.12	418.47	418.64	419.08	0.126156	3.46	0.19	0.14	0.67	3.33	2.45
Vignamaggiore	93.333*	Max WS	TR30_D0.5	7.39	415.39	415.85	416.40	419.75	0.456749	8.79	1.26	1.82	0.88	3.38	4.99
Vignamaggiore	93.333*	Max WS	TR30_D1	5.30	415.39	415.79	416.25	418.88	0.470942	7.80	0.94	1.19	0.69	3.06	4.90
Vignamaggiore	93.333*	Max WS	TR30_D2	3.20	415.39	415.71	416.06	418.03	0.557217	6.75	0.39		0.47	2.60	5.03
Vignamaggiore	93.333*	Max WS	TR30_D3	2.30	415.39	415.67	415.96	417.66	0.595697	6.25			0.37	2.37	5.07
Vignamaggiore	91.667*	Max WS	TR30_D0.5	7.38	412.66	413.31	413.87	415.61	0.153451	6.91	1.08	2.00	1.24	3.31	3.10
Vignamaggiore	91.667*	Max WS	TR30_D1	5.29	412.66	413.24	413.73	414.91	0.132254	5.83	0.88	1.56	1.02	3.10	2.81
Vignamaggiore	91.667*	Max WS	TR30_D2	3.19	412.66	413.21	413.44	413.93	0.062364	3.81	0.56	0.98	0.93	2.98	1.91
Vignamaggiore	91.667*	Max WS	TR30_D3	1.17	412.66	413.21		413.31	0.008405	1.40	0.21	0.36	0.93	2.98	0.70
Vignamaggiore	90	Max WS	TR30_D0.5	7.39	409.93	410.53	411.15	416.83	0.498390	11.39	1.39	3.09	0.75	2.24	5.35
Vignamaggiore	90	Max WS	TR30_D1	5.30	409.93	410.45	410.98	415.64	0.525210	10.23	1.19	2.51	0.57	1.97	5.31
Vignamaggiore	90	Max WS	TR30_D2	3.20	409.93	410.34	410.78	414.29	0.611897	8.83	0.91	1.62	0.38	1.64	5.42
Vignamaggiore	90	Max WS	TR30_D3	1.50	409.93	410.29	410.56	411.62	0.267644	5.10	0.47	0.64	0.30	1.48	3.46
Vignamaggiore	89.99			Lat Struct											
Vignamaggiore	89.98			Lat Struct											
Vignamaggiore	88.333*	Max WS	TR30_D0.5	7.38	409.08	409.62	410.39	415.58	0.587925	10.85	1.45	2.14	0.70	2.10	5.68
Vignamaggiore	88.333*	Max WS	TR30_D1	5.29	409.08	409.56	410.23	413.90	0.533661	9.24	1.13	1.57	0.58	2.02	5.26
Vignamaggiore	88.333*	Max WS	TR30_D2	3.20	409.08	409.51	409.93	411.90	0.384465	6.86	0.73	0.88	0.47	1.93	4.32
Vignamaggiore	88.333*	Max WS	TR30_D3	2.30	409.08	409.46	409.79	411.23	0.358166	5.89	0.52	0.43	0.39	1.87	4.05
Vignamaggiore	86.667*	Max WS	TR30_D0.5	7.39	408.23	408.78	409.42	412.85	0.414327	8.95	1.20	1.38	0.84	2.50	4.77
Vignamaggiore	86.667*	Max WS	TR30_D1	5.30	408.23	408.70	409.24	412.24	0.506001	8.33	0.88	0.92	0.64	2.40	5.05
Vignamaggiore	86.667*	Max WS	TR30_D2	3.20	408.23	408.60	409.01	411.78	0.777737	7.90			0.41	2.19	5.86
Vignamaggiore	86.667*	Max WS	TR30_D3	2.30	408.23	408.56	408.89	411.28	0.789502	7.31			0.31	1.93	5.78
Vignamaggiore	85	Max WS	TR30_D0.5	7.37	407.38	408.42	408.49	408.92	0.016864	3.16	0.62	0.62	2.50	3.49	1.11
Vignamaggiore	85	Max WS	TR30_D1	5.30	407.38	408.27	408.32	408.67	0.017544	2.81	0.52	0.52	1.98	3.31	1.10
Vignamaggiore	85	Max WS	TR30_D2	3.20	407.38	407.98	408.12	408.45	0.043641	3.03	0.41	0.41	1.07	2.97	1.57
Vignamaggiore	85	Max WS	TR30_D3	2.30	407.38	407.88	408.01	408.32	0.060646	2.93	0.26	0.26	0.79	2.85	1.76
Vignamaggiore	83.333*	Max WS	TR30_D0.5	7.34	407.16	408.38		408.64	0.011262	2.28	0.57	0.52	3.38	4.00	0.74
Vignamaggiore	83.333*	Max WS	TR30_D1	5.28	407.16	408.23		408.42	0.010533	1.97	0.45	0.42	2.78	3.82	0.70
Vignamaggiore	83.333*	Max WS	TR30_D2	3.19	407.16	407.87	407.88	408.11	0.026830	2.13	0.22	0.28	1.50	3.41	1.01
Vignamaggiore	83.333*	Max WS	TR30_D3	2.30	407.16	407.72	407.79	407.99	0.050175	2.32			0.99	3.10	1.31
Vignamaggiore	81.667*	Max WS	TR30_D0.5	7.26	406.94	408.38		408.51	0.006743	1.61	0.46	0.43	4.84	5.62	0.48
Vignamaggiore	81.667*	Max WS	TR30_D1	5.24	406.94	408.24		408.33	0.005502	1.33	0.41	0.28	4.09	4.98	0.42
Vignamaggiore	81.667*	Max WS	TR30_D2	3.16	406.94	407.82		407.91	0.012326	1.39	0.10	0.20	2.27	3.91	0.58
Vignamaggiore	81.667*	Max WS	TR30_D3	2.30	406.94	407.61		407.73	0.022259	1.52			1.51	3.54	0.74
Vignamaggiore	80	Max WS	TR30_D0.5	5.90	406.72	408.46	407.57	408.50	0.001184	0.94			6.25	4.32	0.25
Vignamaggiore	80	Max WS	TR30_D1	4.61	406.72	408.29	407.47	408.33	0.001013	0.83			5.54	4.32	0.24
Vignamaggiore	80	Max WS	TR30_D2	3.22	406.72	407.83	407.35	407.87	0.001738	0.90			3.56	4.32	0.32
Vignamaggiore	80	Max WS	TR30_D3	2.30	406.72	407.60	407.26	407.64	0.002369	0.90			2.55	4.20	0.37
Vignamaggiore	77			Bridge											
Vignamaggiore	75	Max WS	TR30_D0.5	5.90	406.52	407.36	407.33	407.65	0.015810	2.36			2.50	3.90	0.94
Vignamaggiore	75	Max WS	TR30_D1	4.61	406.52	407.29		407.51	0.013799	2.08			2.21	3.80	0.87
Vignamaggiore	75	Max WS	TR30_D2	3.22	406.52	407.19		407.34	0.011392	1.74			1.85	3.67	0.78
Vignamaggiore	75	Max WS	TR30_D3	2.30	406.52	407.12		407.23	0.008813	1.43			1.61	3.58	0.68
Vignamaggiore	72.500*	Max WS	TR30_D0.5	5.85	406.22	407.23		407.49	0.022931	2.23			2.62	3.58	0.83
Vignamaggiore	72.500*	Max WS	TR30_D1	4.61	406.22	407.18		407.37	0.017155	1.88			2.45	3.50	0.72
Vignamaggiore	72.500*	Max WS	TR30_D2	3.21	406.22	407.12		407.23	0.010909	1.44			2.22	3.40	0.57
Vignamaggiore	72.500*	Max WS	TR30_D3	2.30	406.22	407.09		407.15	0.006257	1.08			2.14	3.36	0.43
Vignamaggiore	70	Max WS	TR30_D0.5	5.13	405.92	407.16		407.22	0.003396	1.20	0.56		6.05	9.61	0.42
Vignamaggiore	70	Max WS	TR30_D1	4.59	405.92	407.16		407.20	0.002806	1.09	0.50		5.99	9.61	0.38
Vignamaggiore	70	Max WS	TR30_D2	3.21	405.92	407.13		407.15	0.001576	0.80	0.36		5.69	9.57	0.29
Vignamaggiore	70	Max WS	TR30_D3	2.30	405.92	407.10		407.12	0.000909	0.60	0.27		5.46	9.54	0.22
Vignamaggiore	67	Max WS	TR30_D0.5	5.79	405.77	407.11		407.18	0.004640	1.41	0.61		5.79	9.54	0.48
Vignamaggiore	67	Max WS	TR30_D1	1.82	405.77	407.08		407.10	0.001056	0.66	0.01		2.75	3.54	0.23
Vignamaggiore	67	Max WS	TR30_D2	1.82	405.77	407.08		407.10	0.001055	0.66	0.01		2.75	3.53	0.23
Vignamaggiore	67	Max WS	TR30_D3	1.82	405.77	407.08		407.10	0.001054	0.66	0.01		2.75	3.53	0.23
Vignamaggiore	66			Culvert											
Vignamaggiore	65	Max WS	TR30_D0.5	5.79	405.32	406.27	406.40	406.80	0.034699	3.24			1.79	2.80	1.29
Vignamaggiore	65	Max WS	TR30_D1	4.57	405.32	406.17	406.28	406.63	0.034296	3.03			1.51	2.64	1.28
Vignamaggiore	65	Max WS	TR30_D2	3.20	405.32	406.03	406.12	406.42	0.034512	2.75			1.16	2.42	1.27
Vignamaggiore	65	Max WS	TR30_D3	2.30	405.32	405.92	406.00	406.25	0.034556	2.52			0.91	2.21	1.25
Vignamaggiore	63.750*	Max WS	TR30_D0.5	5.79	404.91	405.86	405.93	406.45	0.038174	3.41			1.70	2.71	1.38
Vignamaggiore	63.750*	Max WS	TR30_D1	4.57	404.91	405.80	405.90	406.25	0.031613	2.99			1.53	2.62	1.25
Vignamaggiore	63.750*	Max WS	TR30_D2	3.20	404.91	405.66	405.74	406.03	0.031748	2.71			1.18	2.41	1.24
Vignamaggiore	63.750*	Max WS	TR30_D3	2.30	404.91	405.55	405.62	405.86	0.032070	2.48			0.93	2.22	1.23
Vignamaggiore	62.500*	Max WS	TR30_D0.5	5.79	404.49	405.33	405.34	406.34	0.076442	4.46			1.30	2.39	1.93
Vignamaggiore	62.500*	Max WS	TR30_D1	4.57	404.49	405.28	405.34	406.02	0.059500	3.81			1.20	2.33	1.70

HEC-RAS River: Vignamaggiore Reach: Vignamaggiore Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Vignamaggiore	62.500*	Max WS	TR30_D2	3.20	404.49	405.18	405.34	405.74	0.053237	3.32			0.96	2.18	1.59
Vignamaggiore	62.500*	Max WS	TR30_D3	2.30	404.49	405.10	405.23	405.53	0.047862	2.90			0.79	2.07	1.50
Vignamaggiore	61.250*	Max WS	TR30_D0.5	5.79	404.08	404.81	404.77	405.07	0.035458	2.84	1.48		2.97	7.27	1.30
Vignamaggiore	61.250*	Max WS	TR30_D1	4.57	404.08	404.78	404.77	404.97	0.028019	2.44	1.25		2.75	7.25	1.15
Vignamaggiore	61.250*	Max WS	TR30_D2	3.20	404.08	404.75	404.77	405.40	0.063873	3.59			0.89	2.03	1.73
Vignamaggiore	61.250*	Max WS	TR30_D3	2.30	404.08	404.73	404.77	405.10	0.037481	2.70			0.85	2.01	1.32
Vignamaggiore	60	Max WS	TR30_D0.5	5.72	403.67	404.27	404.22	404.61	0.056255	3.29	1.82		2.51	6.61	1.60
Vignamaggiore	60	Max WS	TR30_D1	4.56	403.67	404.24	404.22	404.50	0.046763	2.89	1.57		2.30	6.59	1.45
Vignamaggiore	60	Max WS	TR30_D2	3.20	403.67	404.20	404.21	404.37	0.031837	2.27	1.21		2.07	6.57	1.19
Vignamaggiore	60	Max WS	TR30_D3	1.50	403.67	404.19	404.20	404.48	0.037229	2.40			0.62	1.74	1.28
Vignamaggiore	55.000*	Max WS	TR30_D0.5	5.71	402.86	403.81	403.95	404.26	0.021842	3.10	0.75	0.47	2.26	5.62	1.14
Vignamaggiore	55.000*	Max WS	TR30_D1	4.55	402.86	403.77	403.83	404.10	0.016668	2.62	0.60	0.36	2.08	5.33	0.99
Vignamaggiore	55.000*	Max WS	TR30_D2	3.20	402.86	403.73	403.65	403.93	0.010374	1.99	0.42	0.23	1.87	4.98	0.77
Vignamaggiore	55.000*	Max WS	TR30_D3	2.30	402.86	403.70		403.81	0.006523	1.52	0.29	0.15	1.70	4.70	0.61
Vignamaggiore	50	Max WS	TR30_D0.5	5.94	402.06	403.67		403.77	0.001681	1.44	0.39	0.40	5.45	5.88	0.38
Vignamaggiore	50	Max WS	TR30_D1	4.75	402.06	403.67		403.73	0.001078	1.15	0.31	0.32	5.44	5.88	0.30
Vignamaggiore	50	Max WS	TR30_D2	2.51	402.06	403.67		403.69	0.000301	0.61	0.16	0.17	5.44	5.88	0.16
Vignamaggiore	50	Max WS	TR30_D3	1.62	402.06	403.67		403.68	0.000126	0.39	0.11	0.11	5.44	5.87	0.10
Vignamaggiore	0	Max WS	TR30_D0.5	1.50	402.06	403.67	402.54	403.68	0.000108	0.36	0.10	0.10	5.44	5.87	0.10
Vignamaggiore	0	Max WS	TR30_D1	1.50	402.06	403.67	402.54	403.68	0.000108	0.36	0.10	0.10	5.44	5.87	0.10
Vignamaggiore	0	Max WS	TR30_D2	1.50	402.06	403.67	402.54	403.68	0.000108	0.36	0.10	0.10	5.44	5.87	0.10
Vignamaggiore	0	Max WS	TR30_D3	1.50	402.06	403.67	402.54	403.68	0.000108	0.36	0.10	0.10	5.44	5.87	0.10

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "CHITIGNANO"

DOCCIO

MODELLAZIONE PER TR=30 e 200 ANNI

DURATA DI PIOGGIA: 0.5, 1 e 2 h

Profilo longitudinale

Sezioni Trasversali

Dati idraulici

ALLEGATI

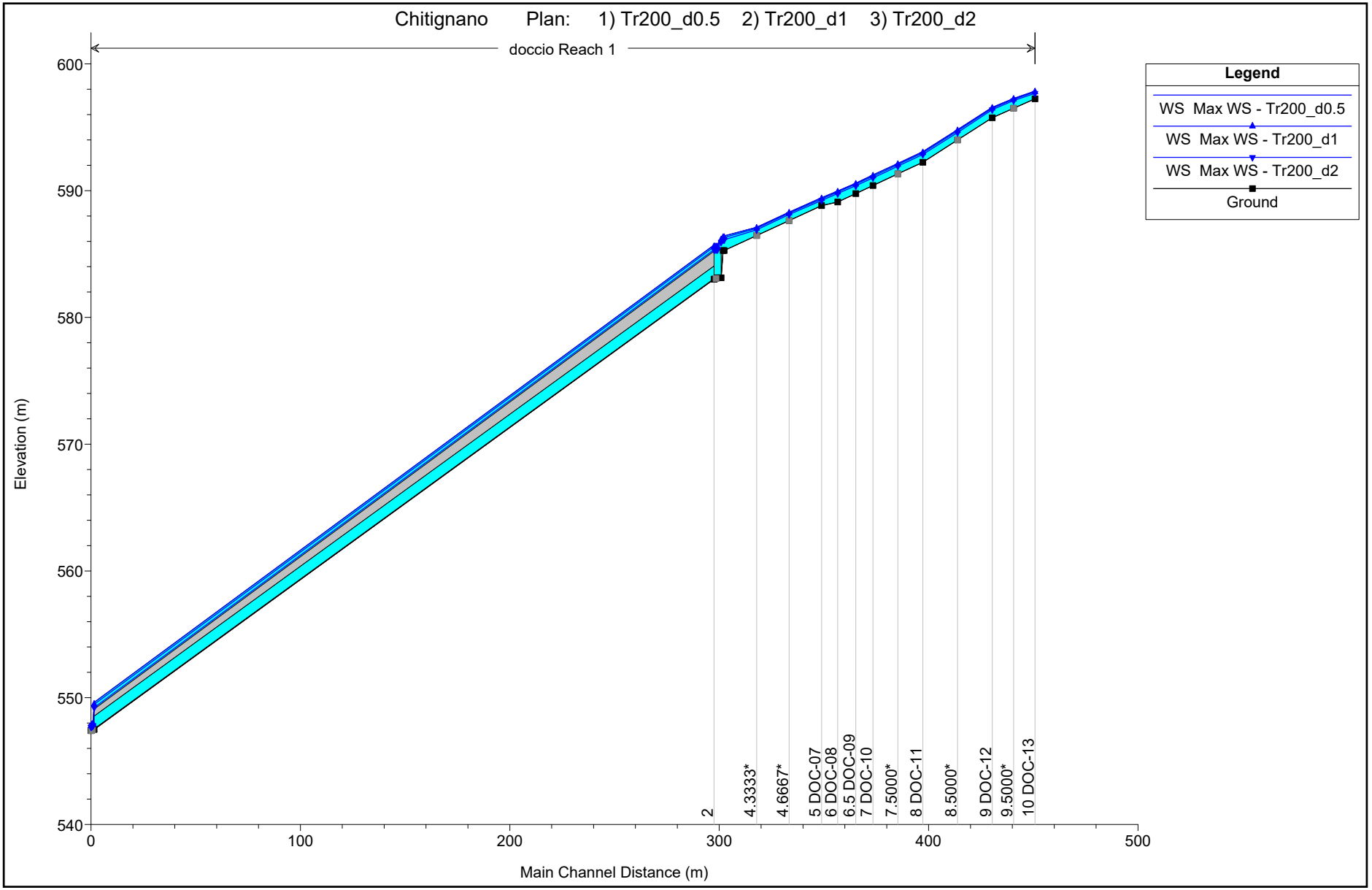
MODELLAZIONE HEC-RAS 5.0.7 "CHITIGNANO"

DOCCIO

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 0.5, 1 e 2 h

Profilo longitudinale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WS Max WS - Tr200_d2
Ground
Elevation (m)
600
590
580
570
560
550
540
0
100
200
300
400
500
Main Channel Distance (m)
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4.3333*
4.6667*
5 DOC-07
6 DOC-08
6.5 DOC-09
7 DOC-10
7.5000*
8 DOC-11
8.5000*
9 DOC-12
9.5000*
10 DOC-13

ALLEGATI

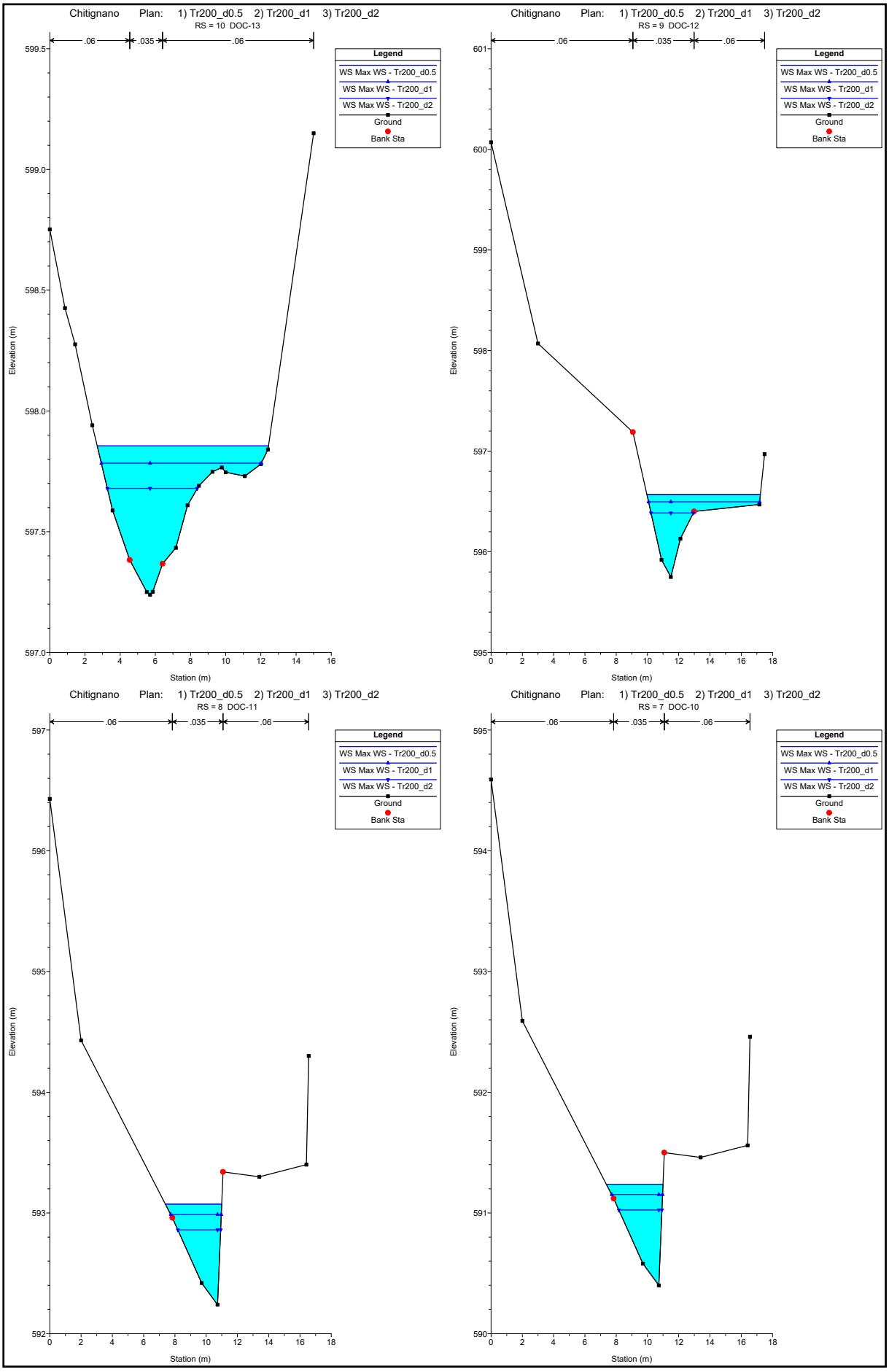
MODELLAZIONE HEC-RAS 5.0.7 "CHITIGNANO"

DOCCIO

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 0.5, 1 e 2 h

Sezioni Trasversali (da monte verso valle)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.035
.06
Legend
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WS Max WS - Tr200_d1
WS Max WS - Tr200_d2
Ground
Bank Sta
Elevation (m)
Station (m)
Chitignano Plan: 1) Tr200_d0.5 2) Tr200_d1 3) Tr200_d2
RS = 9 DOC-12
Chitignano Plan: 1) Tr200_d0.5 2) Tr200_d1 3) Tr200_d2
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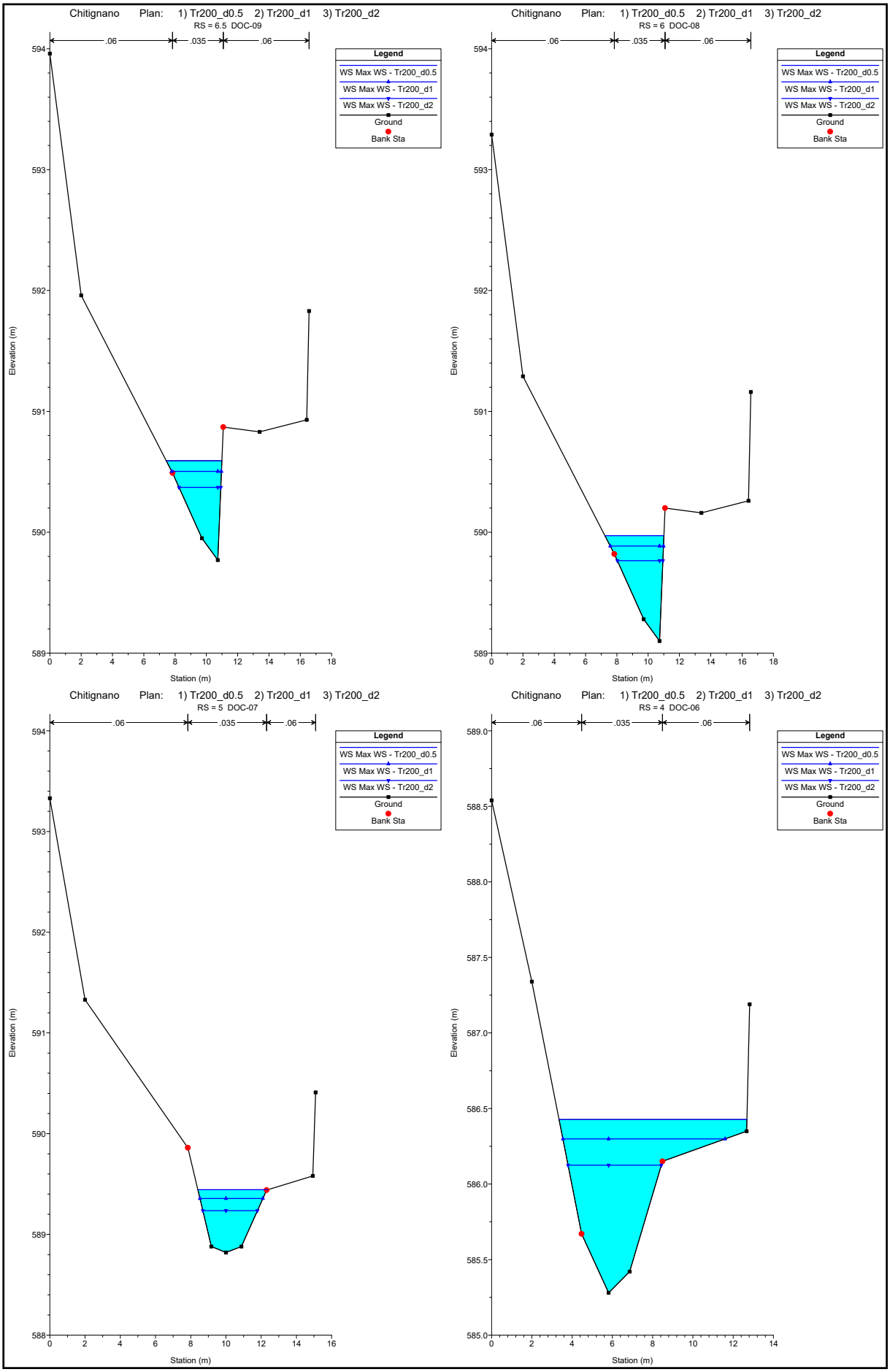
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.06
.035
.06
Legend
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WS Max WS - Tr200_d1
WS Max WS - Tr200_d2
Ground
Bank Sta
Elevation (m)
Station (m)
Chitignano Plan: 1) Tr200_d0.5 2) Tr200_d1 3) Tr200_d2
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Chitignano Plan: 1) Tr200_d0.5 2) Tr200_d1 3) Tr200_d2
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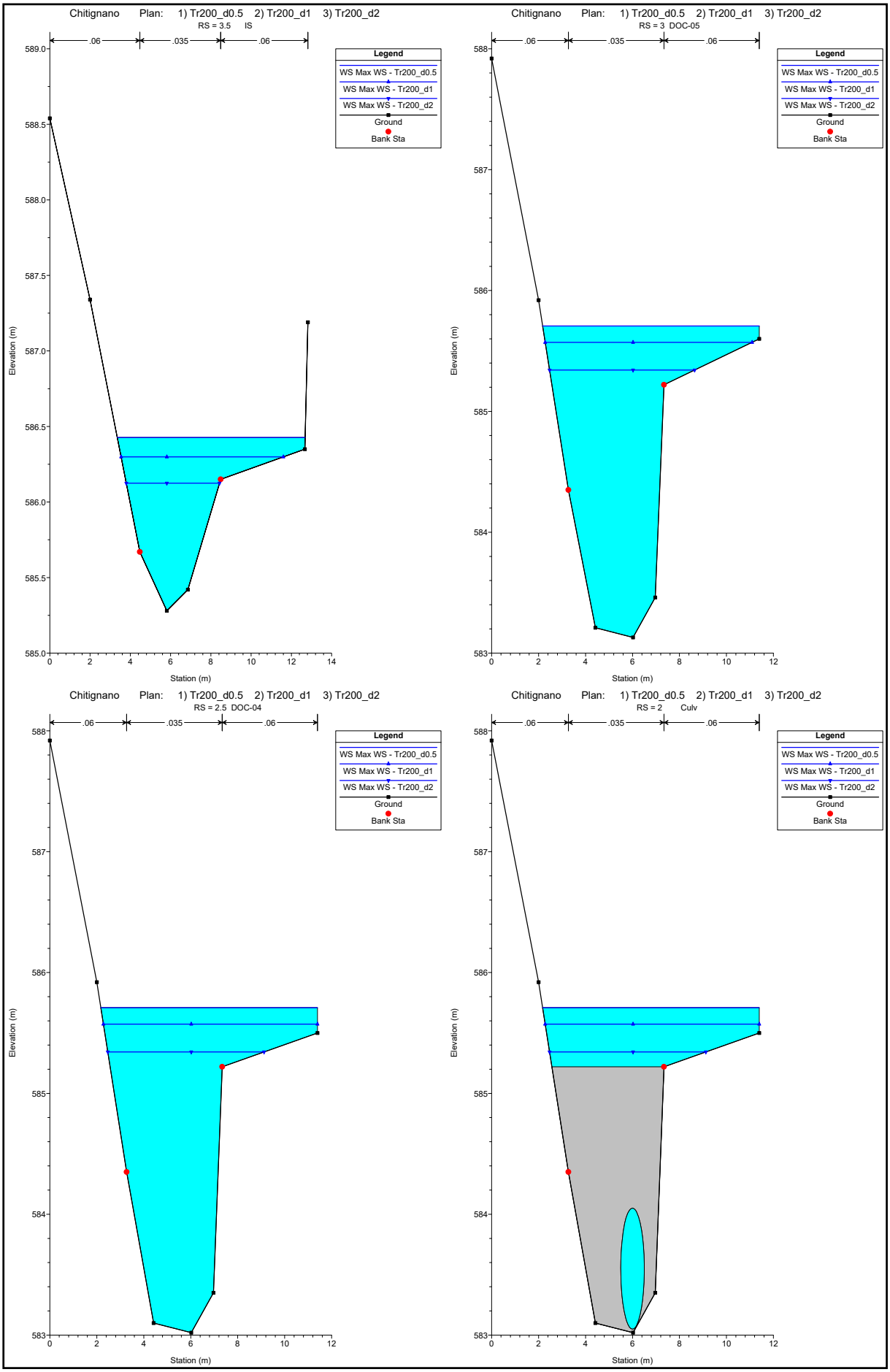
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WS Max WS - Tr200_d1
WS Max WS - Tr200_d2
Ground
Bank Sta
Elevation (m)
Station (m)
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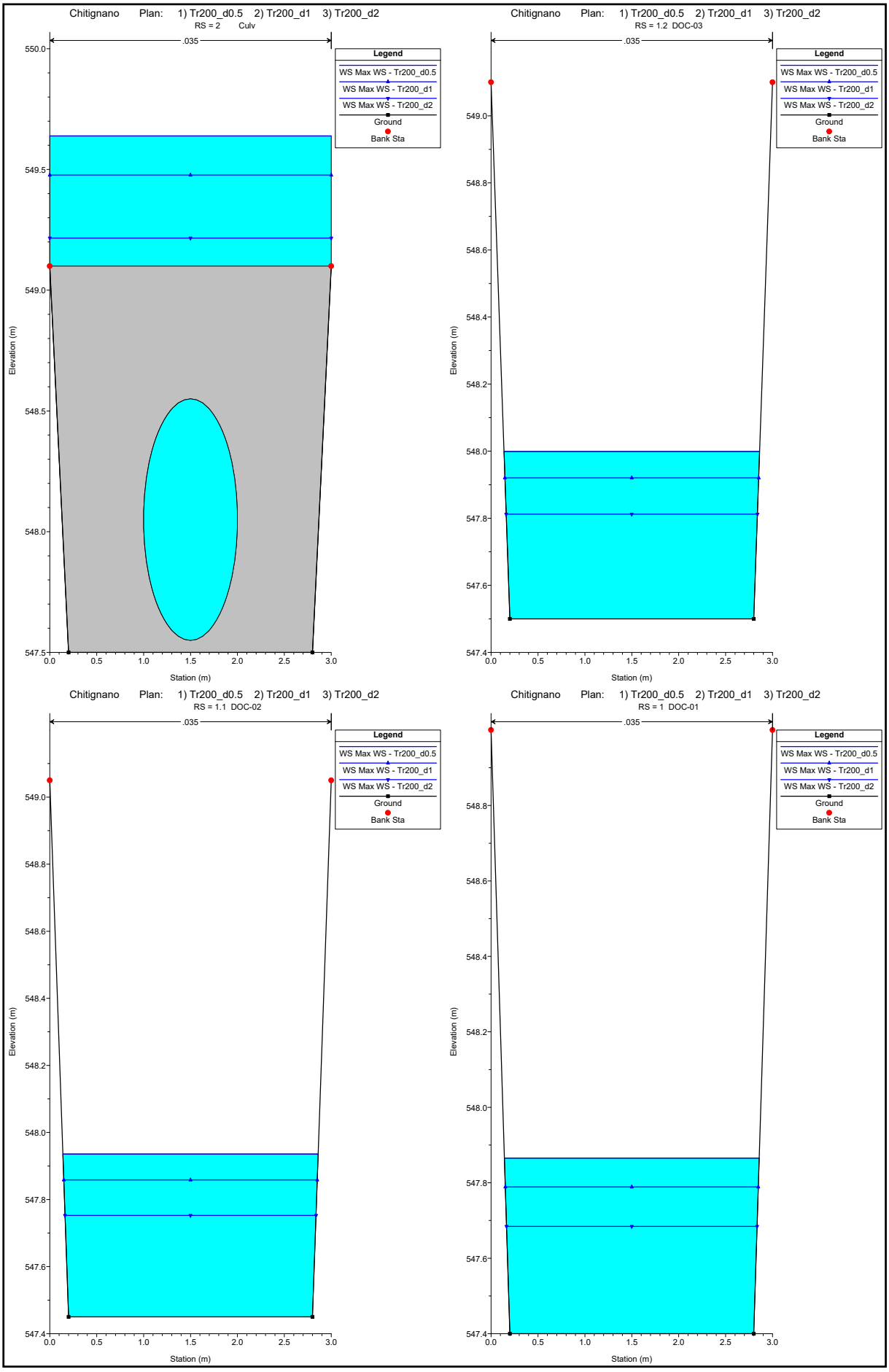
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WS Max WS - Tr200_d1
WS Max WS - Tr200_d2
Ground
Bank Sta
Elevation (m)
Station (m)
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Legend
WS Max WS - Tr200_d0.5
WS Max WS - Tr200_d1
WS Max WS - Tr200_d2
Ground
Bank Sta
Elevation (m)
Station (m)
Chitignano Plan: 1) Tr200_d0.5 2) Tr200_d1 3) Tr200_d2
RS = 1.1 DOC-02
.035
Legend
WS Max WS - Tr200_d0.5
WS Max WS - Tr200_d1
WS Max WS - Tr200_d2
Ground
Bank Sta
Elevation (m)
Station (m)
Chitignano Plan: 1) Tr200_d0.5 2) Tr200_d1 3) Tr200_d2
RS = 1 DOC-01
.035
Legend
WS Max WS - Tr200_d0.5
WS Max WS - Tr200_d1
WS Max WS - Tr200_d2
Ground
Bank Sta
Elevation (m)
Station (m)

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "CHITIGNANO"

DOCCIO

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 0.5, 1 e 2 h

Dati idraulici

HEC-RAS River: doccio Reach: Reach 1 Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Reach 1	10	Max WS	Tr200_d0.5	7.00	597.24	597.86	598.07	598.63	0.058706	4.63	1.60	1.31	2.62	9.73	1.99
Reach 1	10	Max WS	Tr200_d1	5.20	597.24	597.78	597.99	598.55	0.063529	4.39	1.49	1.04	1.95	9.09	2.02
Reach 1	10	Max WS	Tr200_d2	3.20	597.24	597.68	597.87	598.23	0.059594	3.62	1.17	1.23	1.24	5.12	1.88
Reach 1	9	Max WS	Tr200_d0.5	6.99	595.75	596.57	596.82	597.51	0.081273	4.50		1.23	1.96	7.26	2.11
Reach 1	9	Max WS	Tr200_d1	5.20	595.75	596.50	596.73	597.38	0.086317	4.25		0.76	1.43	7.11	2.14
Reach 1	9	Max WS	Tr200_d2	3.20	595.75	596.39	596.61	597.09	0.089643	3.71			0.86	2.70	2.10
Reach 1	8	Max WS	Tr200_d0.5	6.98	592.24	593.07	593.45	594.05	0.077255	4.39	0.67		1.61	3.61	1.98
Reach 1	8	Max WS	Tr200_d1	5.20	592.24	592.99	593.24	593.78	0.077751	3.95	0.26		1.32	3.24	1.95
Reach 1	8	Max WS	Tr200_d2	3.20	592.24	592.86	593.05	593.46	0.076035	3.42			0.94	2.74	1.87
Reach 1	7	Max WS	Tr200_d0.5	6.98	590.40	591.24	591.61	592.20	0.075328	4.35	0.68		1.63	3.62	1.95
Reach 1	7	Max WS	Tr200_d1	5.20	590.40	591.15	591.40	591.93	0.075017	3.91	0.29		1.33	3.26	1.91
Reach 1	7	Max WS	Tr200_d2	3.20	590.40	591.02	591.21	591.60	0.072960	3.37			0.95	2.76	1.83
Reach 1	6.5	Max WS	Tr200_d0.5	6.98	589.77	590.59	590.98	591.62	0.083299	4.50	0.65		1.57	3.55	2.05
Reach 1	6.5	Max WS	Tr200_d1	5.20	589.77	590.50	590.77	591.35	0.086363	4.08	0.17		1.27	3.18	2.04
Reach 1	6.5	Max WS	Tr200_d2	3.20	589.77	590.37	590.58	591.04	0.087986	3.61			0.89	2.67	2.00
Reach 1	6	Max WS	Tr200_d0.5	6.97	589.10	589.97	590.31	590.81	0.060765	4.06	0.72		1.75	3.77	1.77
Reach 1	6	Max WS	Tr200_d1	5.20	589.10	589.89	590.10	590.55	0.058806	3.62	0.41		1.44	3.40	1.71
Reach 1	6	Max WS	Tr200_d2	3.20	589.10	589.76	589.90	590.23	0.053975	3.01			1.06	2.91	1.59
Reach 1	5	Max WS	Tr200_d0.5	6.97	588.82	589.44	589.73	590.37	0.078209	4.26		0.07	1.64	3.97	2.10
Reach 1	5	Max WS	Tr200_d1	5.20	588.82	589.36	589.62	590.16	0.080682	3.97			1.31	3.57	2.10
Reach 1	5	Max WS	Tr200_d2	3.20	588.82	589.24	589.43	589.87	0.084953	3.53			0.91	3.10	2.08
Reach 1	4.6			Lat Struct											
Reach 1	4	Max WS	Tr200_d0.5	6.95	585.28	586.43	586.25	586.59	0.005562	1.86	0.57	0.39	4.62	9.33	0.64
Reach 1	4	Max WS	Tr200_d1	5.20	585.28	586.30	586.11	586.44	0.005772	1.70	0.52	0.22	3.46	8.07	0.63
Reach 1	4	Max WS	Tr200_d2	3.20	585.28	586.12	585.94	586.22	0.005526	1.40	0.41		2.39	4.64	0.60
Reach 1	3.5			Inl Struct											
Reach 1	3	Max WS	Tr200_d0.5	6.95	583.13	585.71		585.73	0.000381	0.73	0.18	0.14	11.02	9.23	0.16
Reach 1	3	Max WS	Tr200_d1	5.20	583.13	585.57		585.59	0.000271	0.59	0.15	0.09	9.78	8.81	0.13
Reach 1	3	Max WS	Tr200_d2	3.20	583.13	585.34		585.35	0.000156	0.42	0.10	0.03	8.07	6.18	0.10
Reach 1	2.5	Max WS	Tr200_d0.5	6.82	583.02	585.71		585.73	0.000330	0.69	0.17	0.15	11.62	9.23	0.14
Reach 1	2.5	Max WS	Tr200_d1	5.18	583.02	585.57		585.59	0.000242	0.56	0.14	0.09	10.36	9.12	0.12
Reach 1	2.5	Max WS	Tr200_d2	3.20	583.02	585.34		585.35	0.000139	0.40	0.09	0.03	8.46	6.65	0.09
Reach 1	2			Culvert											
Reach 1	1.2	Max WS	Tr200_d0.5	6.82	547.50	548.00	548.37	549.34	0.122348	5.14			1.33	2.72	2.35
Reach 1	1.2	Max WS	Tr200_d1	5.18	547.50	547.92	548.23	549.02	0.118965	4.64			1.11	2.71	2.31
Reach 1	1.2	Max WS	Tr200_d2	3.20	547.50	547.81	548.03	548.58	0.114285	3.88			0.82	2.68	2.24
Reach 1	1.1	Max WS	Tr200_d0.5	6.82	547.45	547.94	548.32	549.36	0.132904	5.28			1.29	2.72	2.45
Reach 1	1.1	Max WS	Tr200_d1	5.18	547.45	547.86	548.18	549.02	0.129904	4.78			1.08	2.70	2.41
Reach 1	1.1	Max WS	Tr200_d2	3.20	547.45	547.75	547.98	548.57	0.125796	4.01			0.80	2.68	2.34
Reach 1	1	Max WS	Tr200_d0.5	6.82	547.40	547.87	548.27	549.42	0.151218	5.51			1.24	2.72	2.61
Reach 1	1	Max WS	Tr200_d1	5.18	547.40	547.79	548.13	549.08	0.151081	5.03			1.03	2.70	2.60
Reach 1	1	Max WS	Tr200_d2	3.20	547.40	547.68	547.93	548.61	0.152961	4.27			0.75	2.67	2.57

ALLEGATI

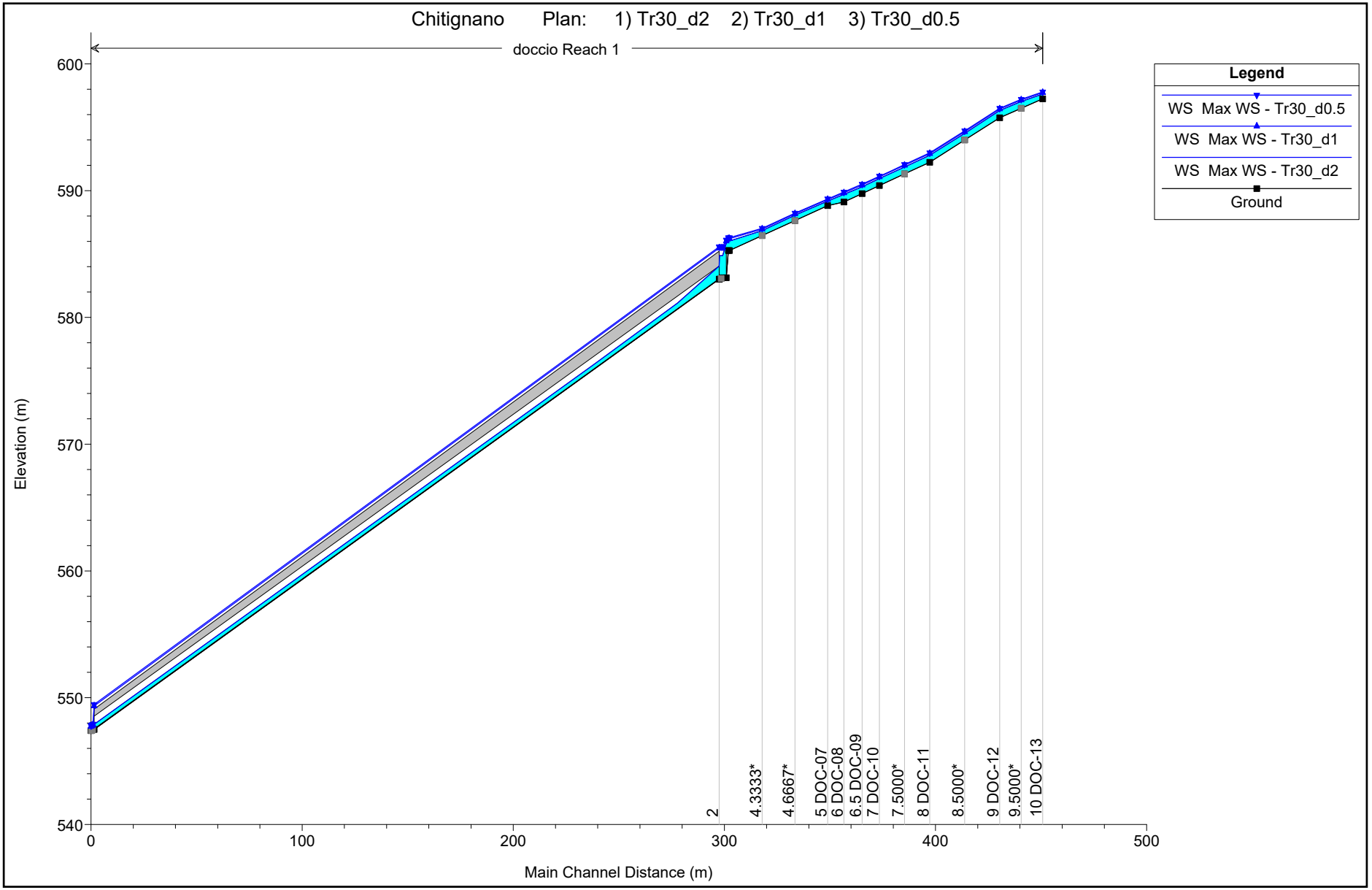
MODELLAZIONE HEC-RAS 5.0.7 "CHITIGNANO"

DOCCIO

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 0.5, 1 e 2 h

Profilo longitudinale


Chitignano Plan: 1) Tr30_d2 2) Tr30_d1 3) Tr30_d0.5
doccio Reach 1
Legend
WS Max WS - Tr30_d0.5
WS Max WS - Tr30_d1
WS Max WS - Tr30_d2
Ground
Elevation (m)
600
590
580
570
560
550
540
0
100
200
300
400
500
Main Channel Distance (m)
2
4.3333*
4.6667*
5 DOC-07
6 DOC-08
6.5 DOC-09
7 DOC-10
7.5000*
8 DOC-11
8.5000*
9 DOC-12
9.5000*
10 DOC-13

ALLEGATI

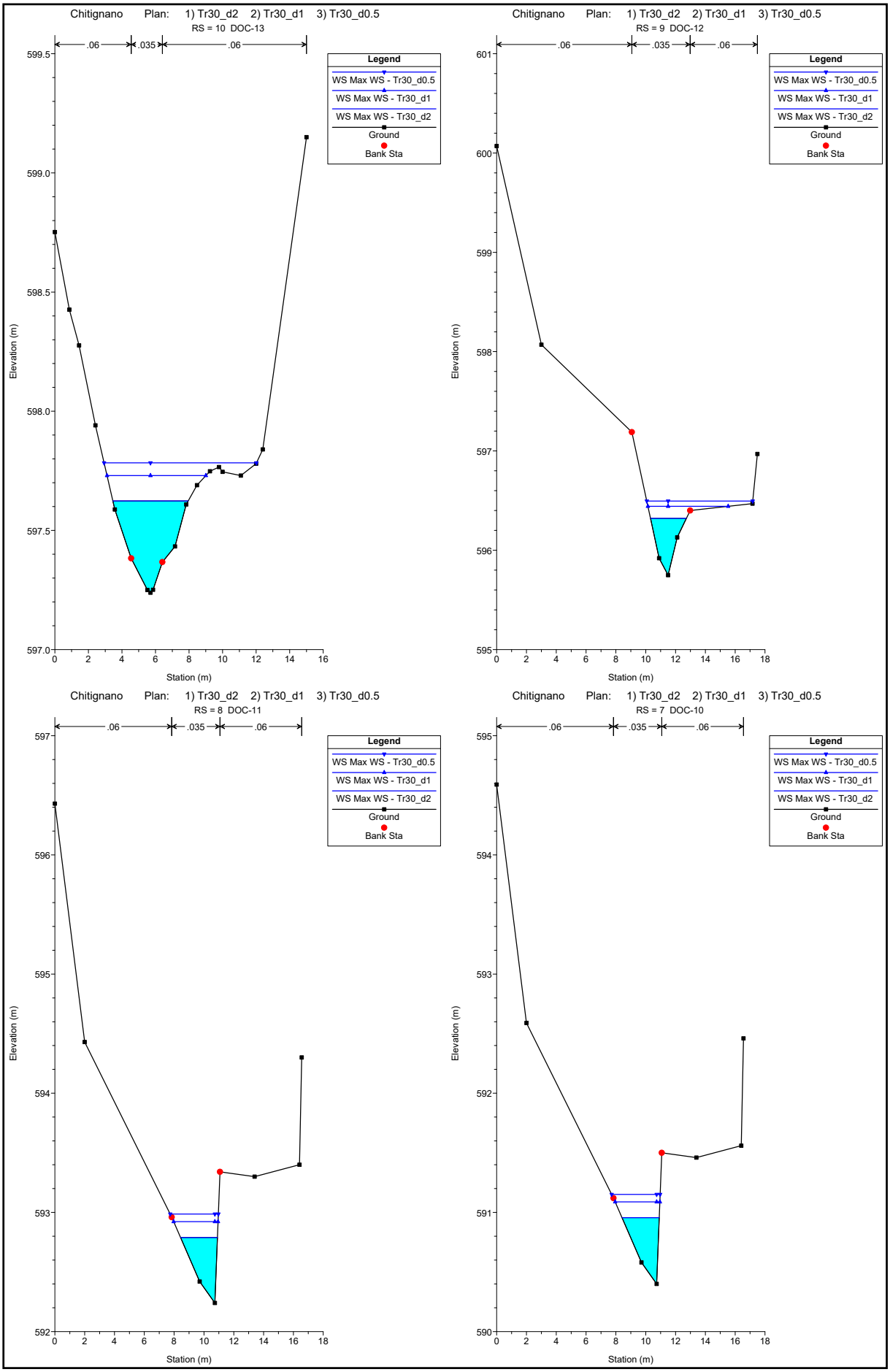
MODELLAZIONE HEC-RAS 5.0.7 "CHITIGNANO"

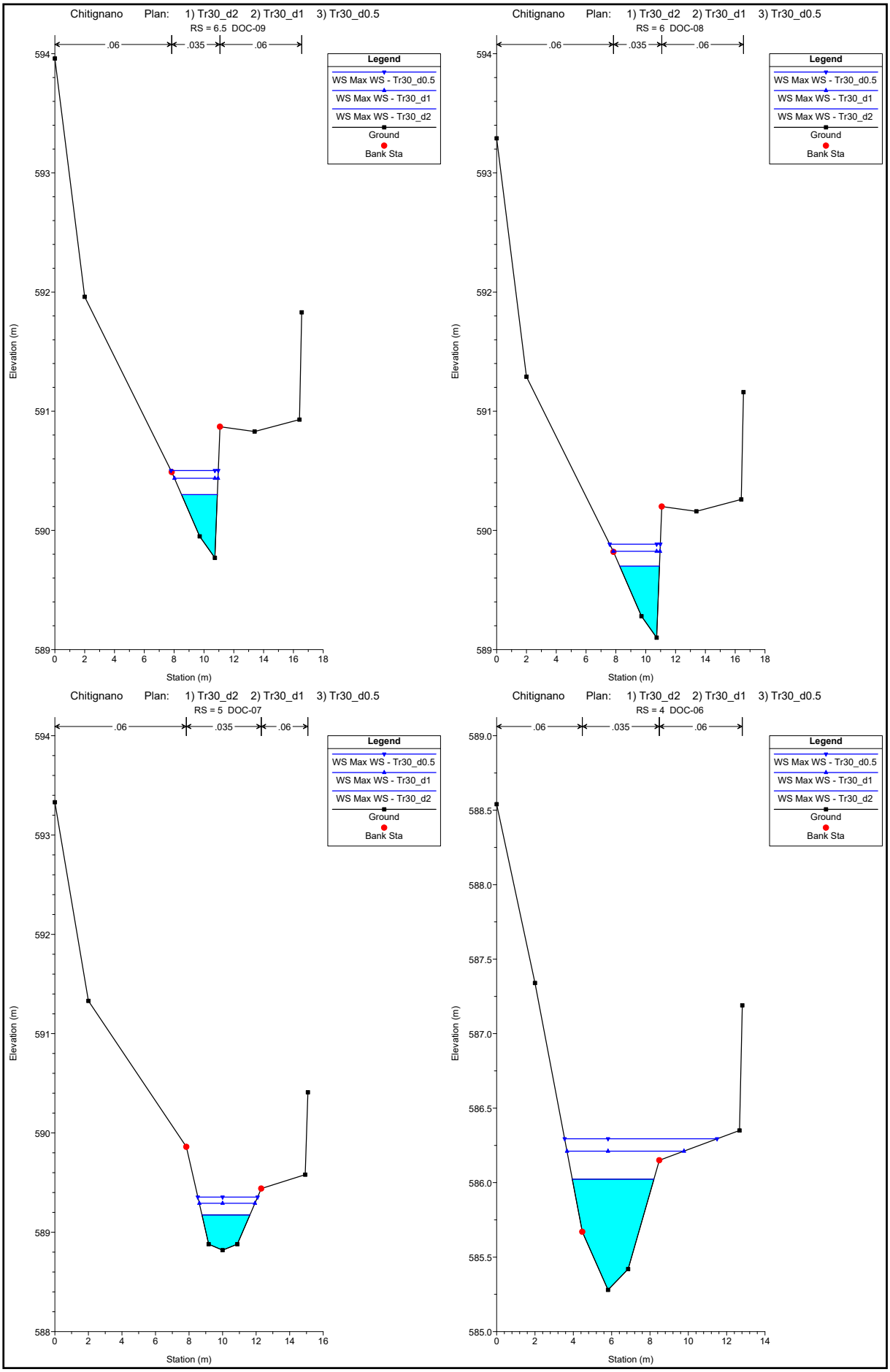
DOCCIO

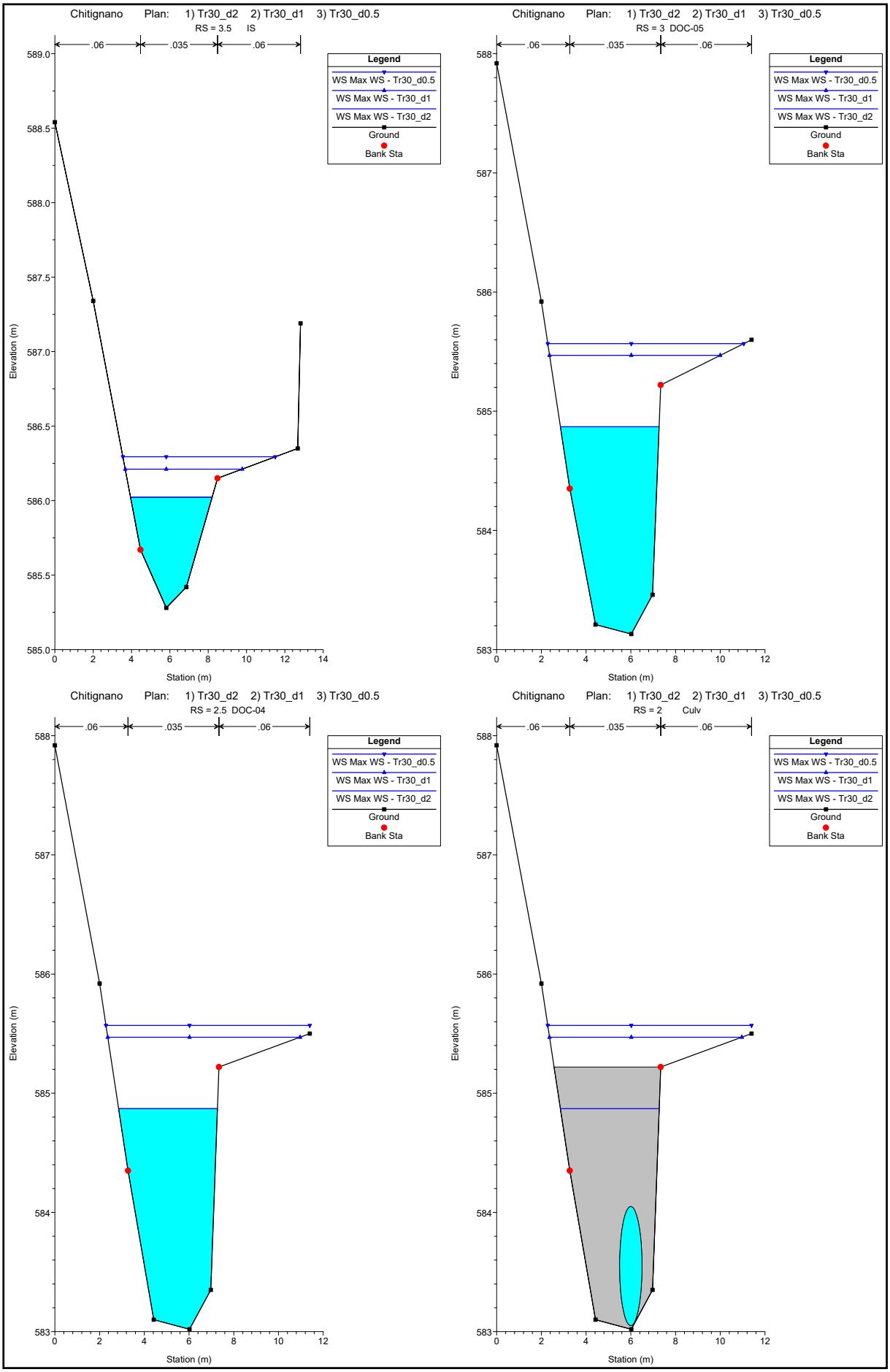
MODELLAZIONE PER TR= 30 anni

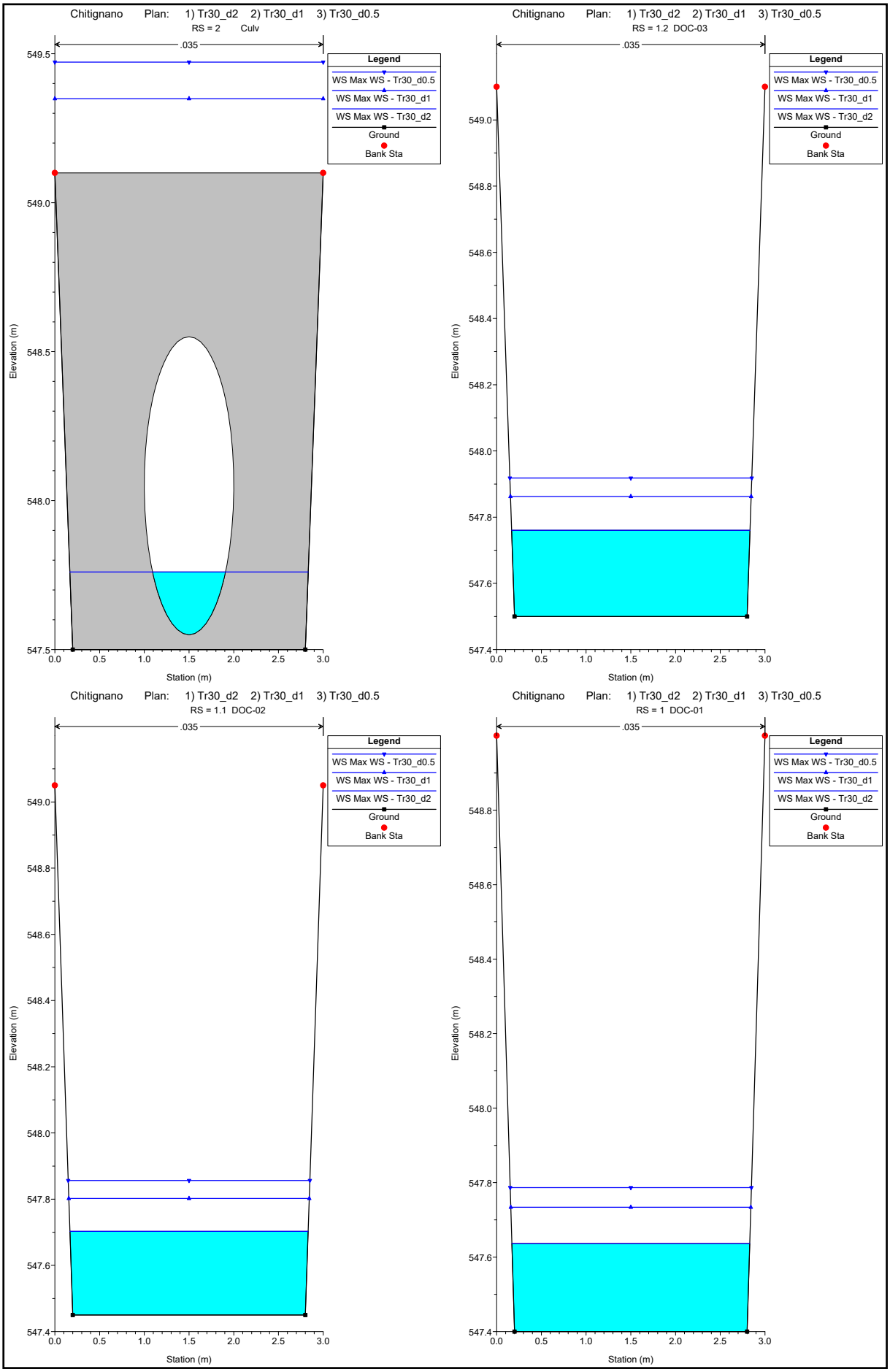
DURATE DI PIOGGIA: 0.5, 1 e 2 h

Sezioni Trasversali (da monte verso valle)


Chitignano Plan: 1) Tr30_d2 2) Tr30_d1 3) Tr30_d0.5
RS = 10 DOC-13
.06
.035
.06
Legend
WS Max WS - Tr30_d0.5
WS Max WS - Tr30_d1
WS Max WS - Tr30_d2
Ground
Bank Sta
Elevation (m)
Station (m)
Chitignano Plan: 1) Tr30_d2 2) Tr30_d1 3) Tr30_d0.5
RS = 9 DOC-12
.06
.035
.06
Legend
WS Max WS - Tr30_d0.5
WS Max WS - Tr30_d1
WS Max WS - Tr30_d2
Ground
Bank Sta
Elevation (m)
Station (m)
Chitignano Plan: 1) Tr30_d2 2) Tr30_d1 3) Tr30_d0.5
RS = 8 DOC-11
.06
.035
.06
Legend
WS Max WS - Tr30_d0.5
WS Max WS - Tr30_d1
WS Max WS - Tr30_d2
Ground
Bank Sta
Elevation (m)
Station (m)
Chitignano Plan: 1) Tr30_d2 2) Tr30_d1 3) Tr30_d0.5
RS = 7 DOC-10
.06
.035
.06
Legend
WS Max WS - Tr30_d0.5
WS Max WS - Tr30_d1
WS Max WS - Tr30_d2
Ground
Bank Sta
Elevation (m)
Station (m)


Chitignano Plan: 1) Tr30_d2 2) Tr30_d1 3) Tr30_d0.5
RS = 6.5 DOC-09
.06
.035
.06
Legend
WS Max WS - Tr30_d0.5
WS Max WS - Tr30_d1
WS Max WS - Tr30_d2
Ground
Bank Sta
Elevation (m)
Station (m)
Chitignano Plan: 1) Tr30_d2 2) Tr30_d1 3) Tr30_d0.5
RS = 6 DOC-08
Chitignano Plan: 1) Tr30_d2 2) Tr30_d1 3) Tr30_d0.5
RS = 5 DOC-07
Chitignano Plan: 1) Tr30_d2 2) Tr30_d1 3) Tr30_d0.5
RS = 4 DOC-06


Chitignano Plan: 1) Tr30_d2 2) Tr30_d1 3) Tr30_d0.5
RS = 3.5 IS
.06
.035
.06
Legend
WS Max WS - Tr30_d0.5
WS Max WS - Tr30_d1
WS Max WS - Tr30_d2
Ground
Bank Sta
Elevation (m)
Station (m)
Chitignano Plan: 1) Tr30_d2 2) Tr30_d1 3) Tr30_d0.5
RS = 3 DOC-05
Chitignano Plan: 1) Tr30_d2 2) Tr30_d1 3) Tr30_d0.5
RS = 2.5 DOC-04
Chitignano Plan: 1) Tr30_d2 2) Tr30_d1 3) Tr30_d0.5
RS = 2 Culv


Chitignano Plan: 1) Tr30_d2 2) Tr30_d1 3) Tr30_d0.5
RS = 2 Culv
.035
Legend
WS Max WS - Tr30_d0.5
WS Max WS - Tr30_d1
WS Max WS - Tr30_d2
Ground
Bank Sta
Elevation (m)
Station (m)
Chitignano Plan: 1) Tr30_d2 2) Tr30_d1 3) Tr30_d0.5
RS = 1.2 DOC-03
.035
Legend
WS Max WS - Tr30_d0.5
WS Max WS - Tr30_d1
WS Max WS - Tr30_d2
Ground
Bank Sta
Elevation (m)
Station (m)
Chitignano Plan: 1) Tr30_d2 2) Tr30_d1 3) Tr30_d0.5
RS = 1.1 DOC-02
.035
Legend
WS Max WS - Tr30_d0.5
WS Max WS - Tr30_d1
WS Max WS - Tr30_d2
Ground
Bank Sta
Elevation (m)
Station (m)
Chitignano Plan: 1) Tr30_d2 2) Tr30_d1 3) Tr30_d0.5
RS = 1 DOC-01
.035
Legend
WS Max WS - Tr30_d0.5
WS Max WS - Tr30_d1
WS Max WS - Tr30_d2
Ground
Bank Sta
Elevation (m)
Station (m)

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "CHITIGNANO"

DOCCIO

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 0.5, 1 e 2 h

Dati idraulici

HEC-RAS River: doccio Reach: Reach 1 Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Reach 1	10	Max WS	Tr30_d2	2.40	597.24	597.62	597.74	598.09	0.061142	3.30	1.02	1.18	0.98	4.49	1.85
Reach 1	10	Max WS	Tr30_d1	4.10	597.24	597.73	597.93	598.37	0.060716	3.97	1.32	1.27	1.52	5.90	1.94
Reach 1	10	Max WS	Tr30_d0.5	5.20	597.24	597.78	597.99	598.55	0.063537	4.40	1.49	1.04	1.95	9.09	2.02
Reach 1	9	Max WS	Tr30_d2	2.40	595.75	596.32	596.54	596.92	0.086871	3.43			0.70	2.41	2.03
Reach 1	9	Max WS	Tr30_d1	4.10	595.75	596.44	596.67	597.25	0.087982	3.99		0.38	1.08	5.39	2.12
Reach 1	9	Max WS	Tr30_d0.5	5.18	595.75	596.50	596.73	597.38	0.086335	4.25		0.75	1.43	7.11	2.14
Reach 1	8	Max WS	Tr30_d2	2.40	592.24	592.79	592.95	593.31	0.076934	3.19			0.75	2.47	1.85
Reach 1	8	Max WS	Tr30_d1	4.10	592.24	592.92	593.13	593.61	0.077512	3.67			1.12	2.98	1.91
Reach 1	8	Max WS	Tr30_d0.5	5.18	592.24	592.99	593.24	593.78	0.077740	3.95	0.26		1.31	3.23	1.95
Reach 1	7	Max WS	Tr30_d2	2.40	590.40	590.96	591.11	591.45	0.072630	3.12			0.77	2.50	1.80
Reach 1	7	Max WS	Tr30_d1	4.10	590.40	591.09	591.29	591.76	0.074603	3.62			1.13	3.00	1.88
Reach 1	7	Max WS	Tr30_d0.5	5.18	590.40	591.15	591.40	591.93	0.074930	3.90	0.28		1.33	3.25	1.91
Reach 1	6.5	Max WS	Tr30_d2	2.40	589.77	590.30	590.48	590.89	0.091181	3.40			0.71	2.40	2.00
Reach 1	6.5	Max WS	Tr30_d1	4.10	589.77	590.44	590.66	591.18	0.086686	3.83			1.07	2.92	2.02
Reach 1	6.5	Max WS	Tr30_d0.5	5.18	589.77	590.50	590.76	591.35	0.086469	4.08	0.16		1.27	3.17	2.04
Reach 1	6	Max WS	Tr30_d2	2.40	589.10	589.70	589.82	590.08	0.049736	2.71			0.88	2.67	1.51
Reach 1	6	Max WS	Tr30_d1	4.10	589.10	589.82	589.99	590.38	0.057625	3.29	0.07		1.24	3.14	1.66
Reach 1	6	Max WS	Tr30_d0.5	5.18	589.10	589.88	590.09	590.55	0.058679	3.61	0.40		1.44	3.40	1.71
Reach 1	5	Max WS	Tr30_d2	2.40	588.82	589.17	589.34	589.74	0.090780	3.32			0.72	2.86	2.11
Reach 1	5	Max WS	Tr30_d1	4.10	588.82	589.29	589.52	590.01	0.083395	3.76			1.09	3.32	2.10
Reach 1	5	Max WS	Tr30_d0.5	5.18	588.82	589.35	589.62	590.16	0.080896	3.97			1.30	3.57	2.10
Reach 1	4.6			Lat Struct											
Reach 1	4	Max WS	Tr30_d2	2.40	585.28	586.02	585.86	586.11	0.005519	1.28	0.34		1.94	4.26	0.58
Reach 1	4	Max WS	Tr30_d1	4.09	585.28	586.21	586.02	586.33	0.005627	1.54	0.46	0.12	2.84	6.11	0.61
Reach 1	4	Max WS	Tr30_d0.5	5.15	585.28	586.29	586.11	586.44	0.005801	1.70	0.52	0.22	3.42	7.96	0.64
Reach 1	3.5			Inl Struct											
Reach 1	3	Max WS	Tr30_d2	2.40	583.13	584.87		584.88	0.000217	0.42	0.07		5.79	4.42	0.11
Reach 1	3	Max WS	Tr30_d1	4.09	583.13	585.47		585.48	0.000202	0.50	0.12	0.06	8.94	7.63	0.11
Reach 1	3	Max WS	Tr30_d0.5	5.15	583.13	585.57		585.58	0.000269	0.59	0.14	0.08	9.75	8.77	0.13
Reach 1	2.5	Max WS	Tr30_d2	2.40	583.02	584.87		584.88	0.000184	0.40	0.07		6.16	4.42	0.10
Reach 1	2.5	Max WS	Tr30_d1	4.09	583.02	585.47		585.48	0.000182	0.47	0.11	0.06	9.43	8.60	0.10
Reach 1	2.5	Max WS	Tr30_d0.5	5.14	583.02	585.57		585.58	0.000240	0.56	0.14	0.09	10.32	9.12	0.12
Reach 1	2			Culvert											
Reach 1	1.2	Max WS	Tr30_d2	2.40	547.50	547.76	547.94	548.39	0.113607	3.50			0.69	2.67	2.21
Reach 1	1.2	Max WS	Tr30_d1	4.09	547.50	547.86	548.12	548.79	0.117444	4.27			0.96	2.69	2.28
Reach 1	1.2	Max WS	Tr30_d0.5	5.14	547.50	547.92	548.22	549.01	0.118912	4.63			1.11	2.70	2.31
Reach 1	1.1	Max WS	Tr30_d2	2.40	547.45	547.70	547.89	548.37	0.124715	3.61			0.67	2.66	2.31
Reach 1	1.1	Max WS	Tr30_d1	4.09	547.45	547.80	548.07	548.79	0.128503	4.40			0.93	2.69	2.39
Reach 1	1.1	Max WS	Tr30_d0.5	5.13	547.45	547.86	548.17	549.02	0.129914	4.77			1.08	2.70	2.41
Reach 1	1	Max WS	Tr30_d2	2.40	547.40	547.64	547.84	548.40	0.154345	3.86			0.62	2.66	2.55
Reach 1	1	Max WS	Tr30_d1	4.09	547.40	547.73	548.03	548.83	0.151698	4.64			0.88	2.68	2.59
Reach 1	1	Max WS	Tr30_d0.5	5.13	547.40	547.79	548.12	549.07	0.151578	5.02			1.02	2.70	2.60

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "FOSSO DEL MOLINO"

FOSSO DEL MOLINO

MODELLAZIONE PER TR=30 e 200 ANNI

DURATA DI PIOGGIA: 0.5, 1 e 2 h

Profilo longitudinale

Sezioni Trasversali

Dati idraulici

ALLEGATI

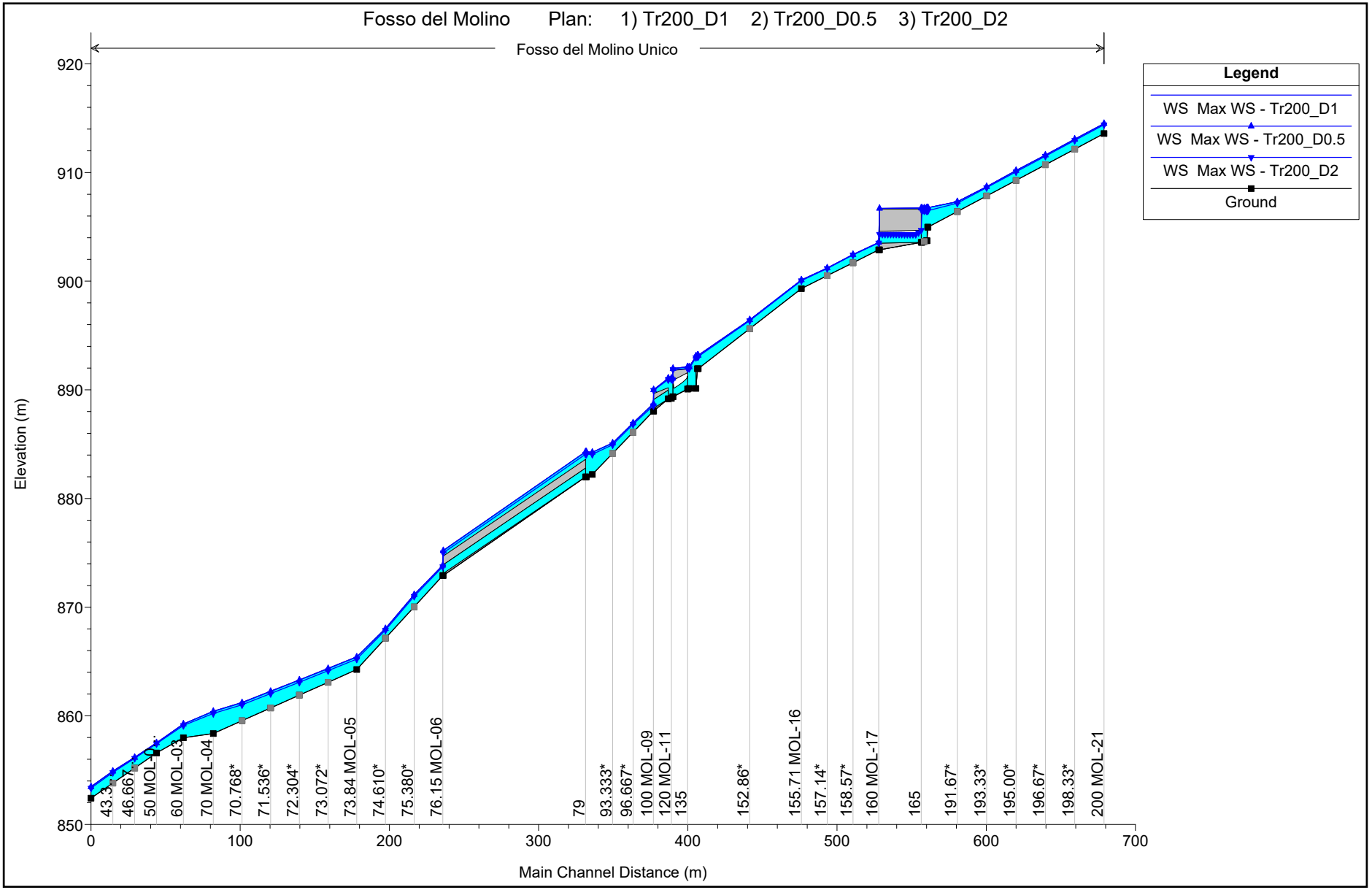
MODELLAZIONE HEC-RAS 5.0.7 "FOSSO DEL MOLINO"

FOSSO DEL MOLINO

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 0.5, 1 e 2 h

Profilo longitudinale


Fosso del Molino Plan: 1) Tr200_D1 2) Tr200_D0.5 3) Tr200_D2
Fosso del Molino Unico
Legend
WS Max WS - Tr200_D1
WS Max WS - Tr200_D0.5
WS Max WS - Tr200_D2
Ground
Elevation (m)
Main Channel Distance (m)
920
910
900
890
880
870
860
850
0
100
200
300
400
500
600
700
43.3*
46.667*
50 MOL-02
60 MOL-03
70 MOL-04
70.768*
71.536*
72.304*
73.072*
73.84 MOL-05
74.610*
75.380*
76.15 MOL-06
79
93.333*
96.667*
100 MOL-09
120 MOL-11
135
152.86*
155.71 MOL-16
157.14*
158.57*
160 MOL-17
165
191.67*
193.33*
195.00*
196.67*
198.33*
200 MOL-21

ALLEGATI

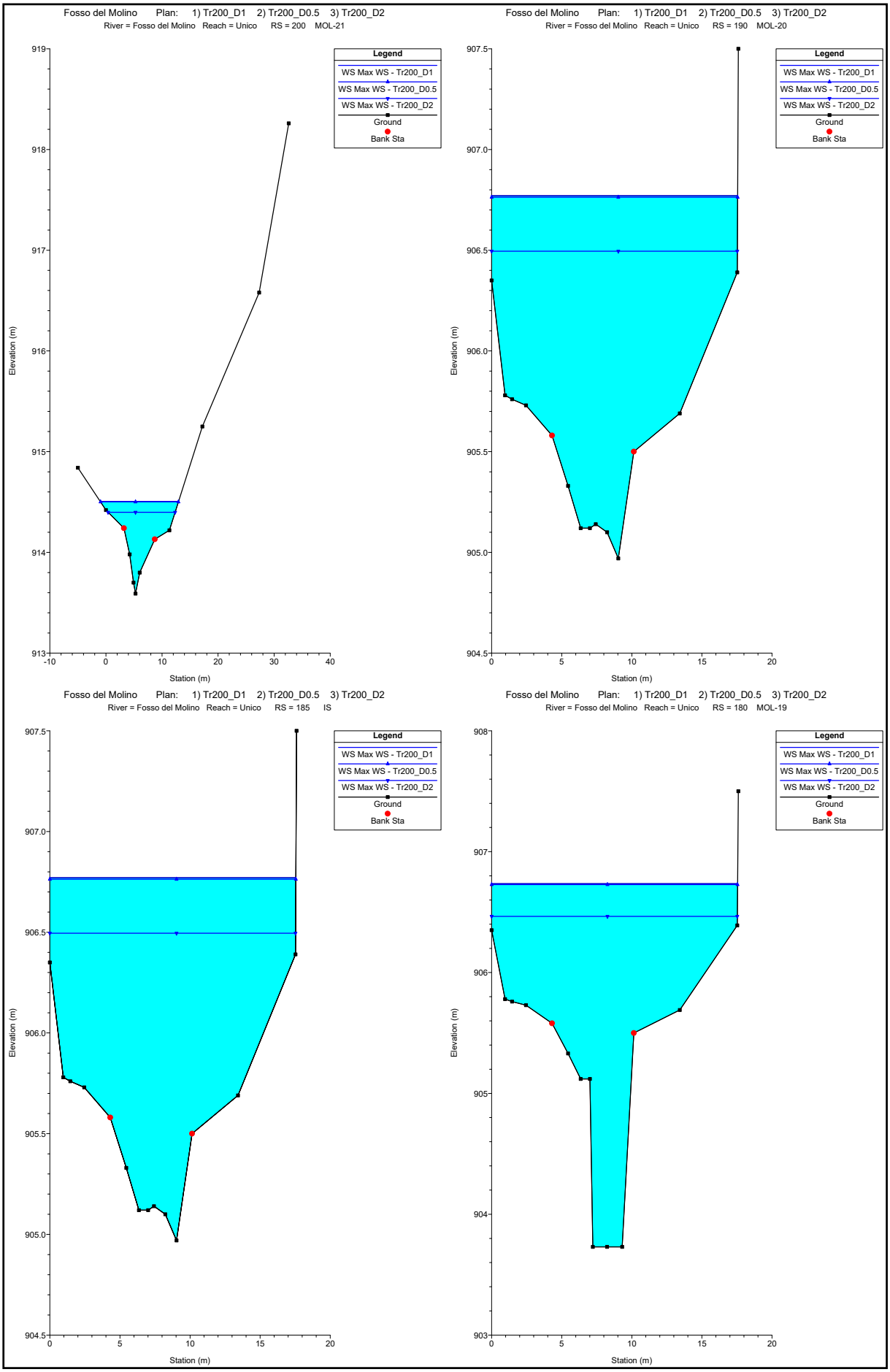
MODELLAZIONE HEC-RAS 5.0.7 "FOSSO DEL MOLINO"

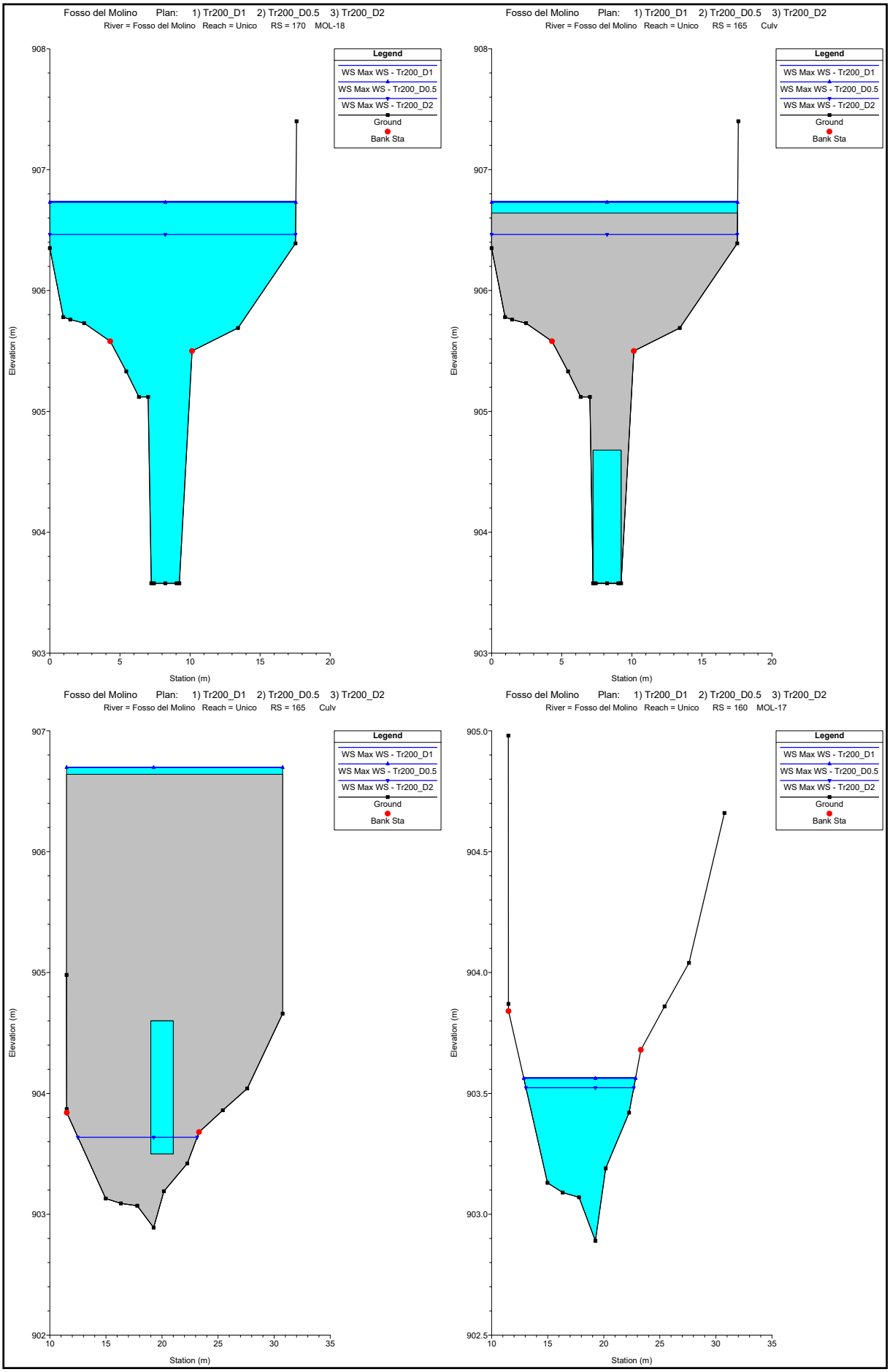
FOSSO DEL MOLINO

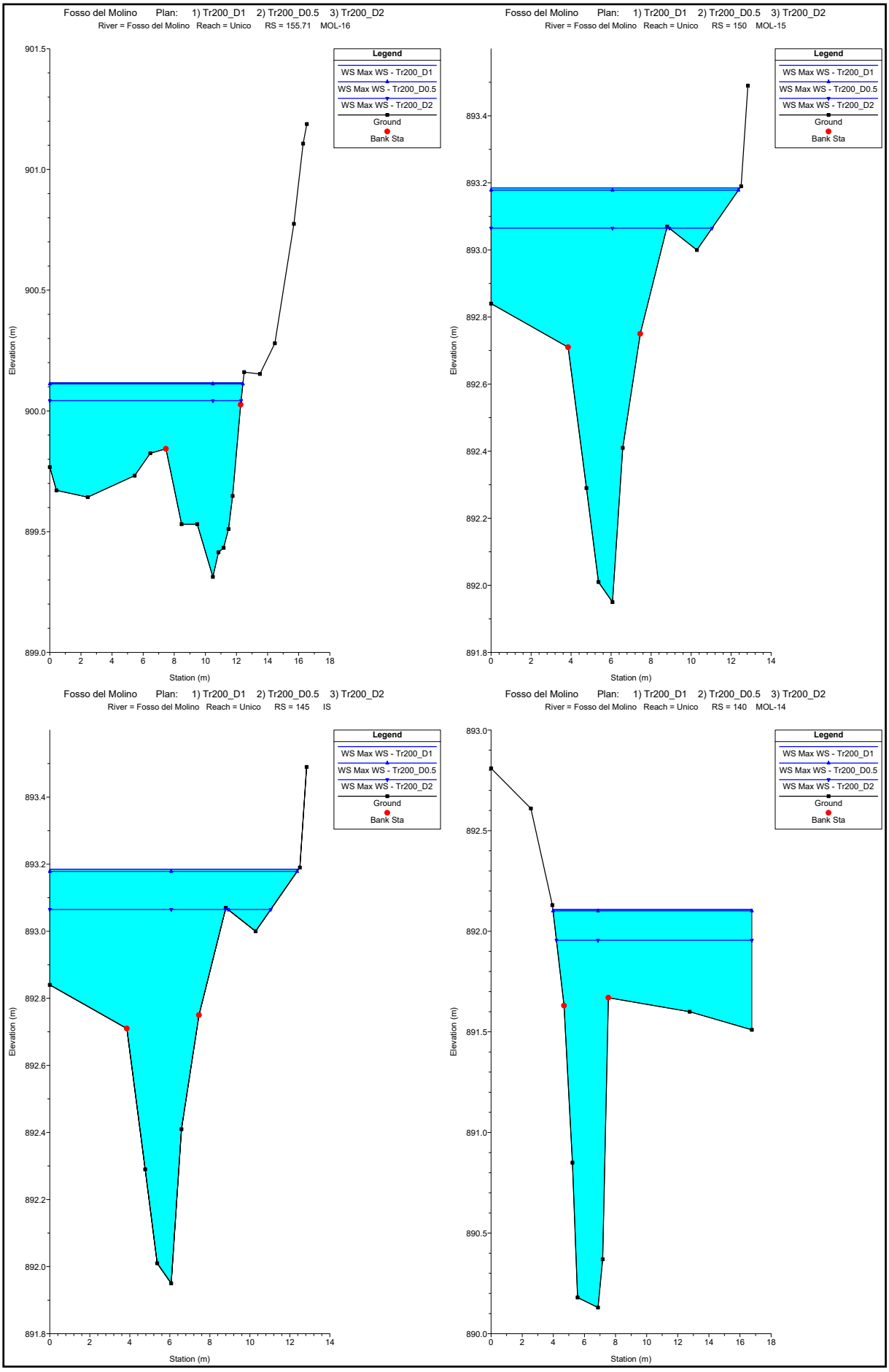
MODELLAZIONE PER TR= 200 anni

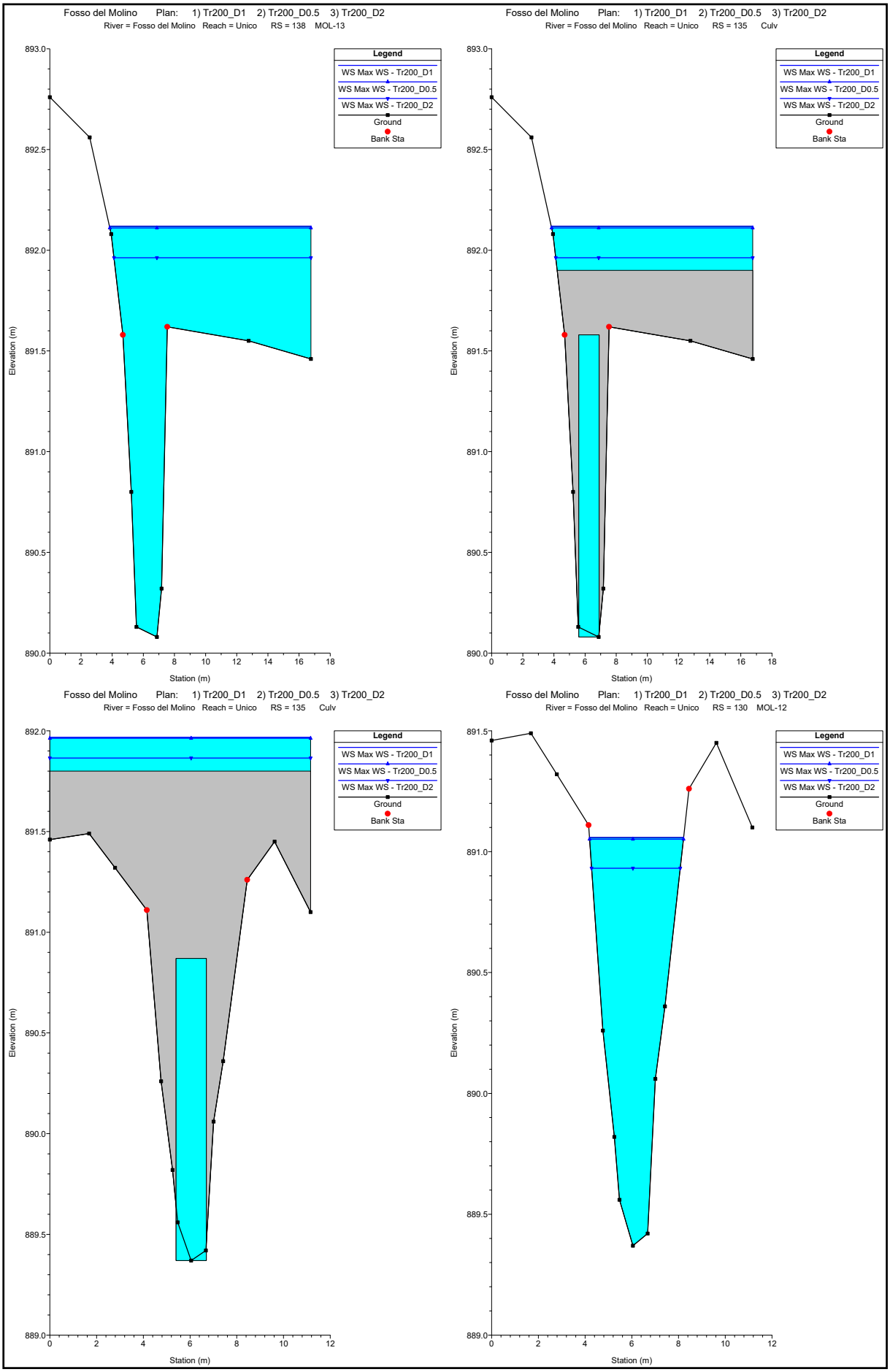
DURATE DI PIOGGIA: 0.5, 1 e 2 h

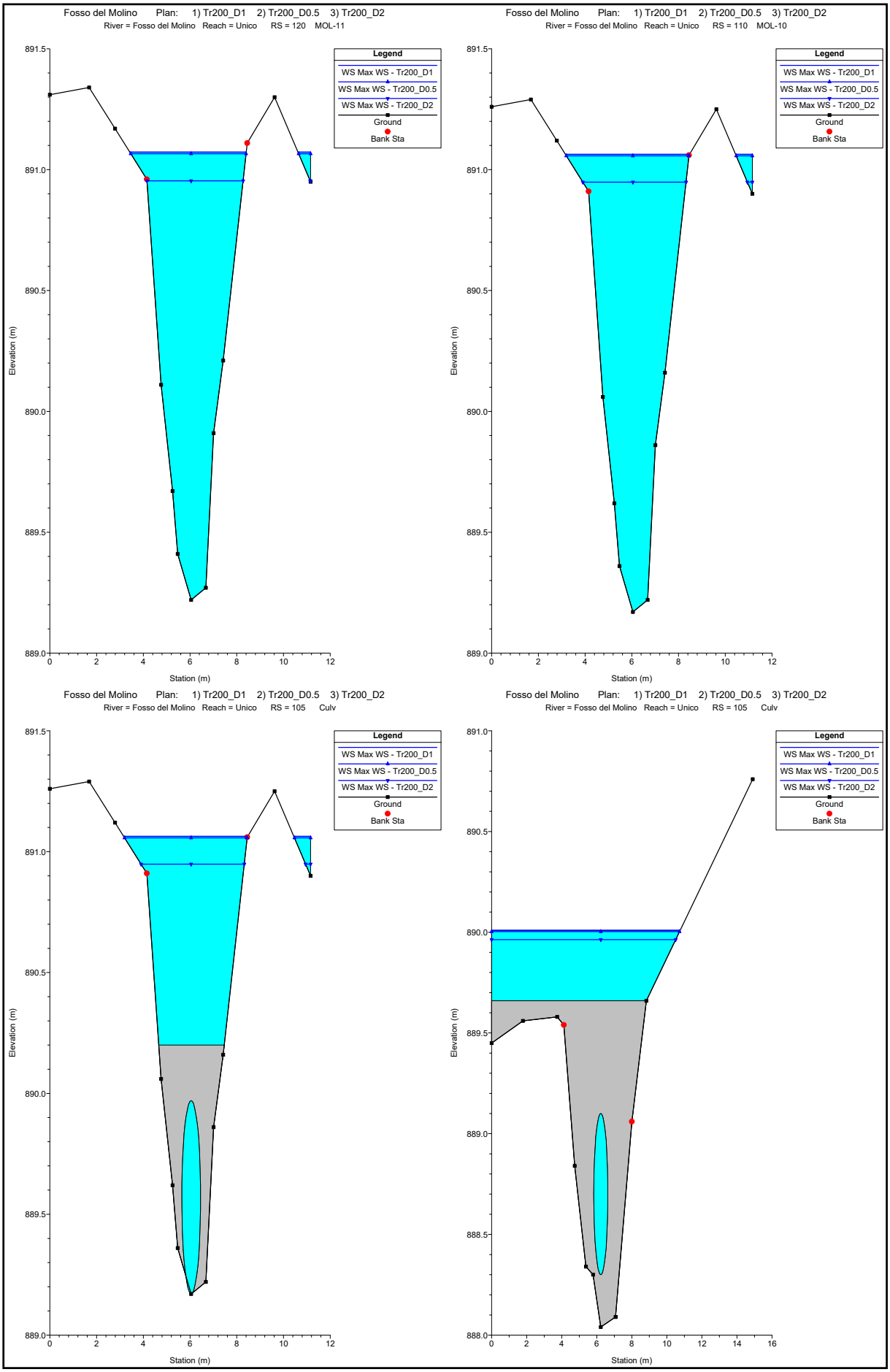
Sezioni Trasversali (da monte verso valle)

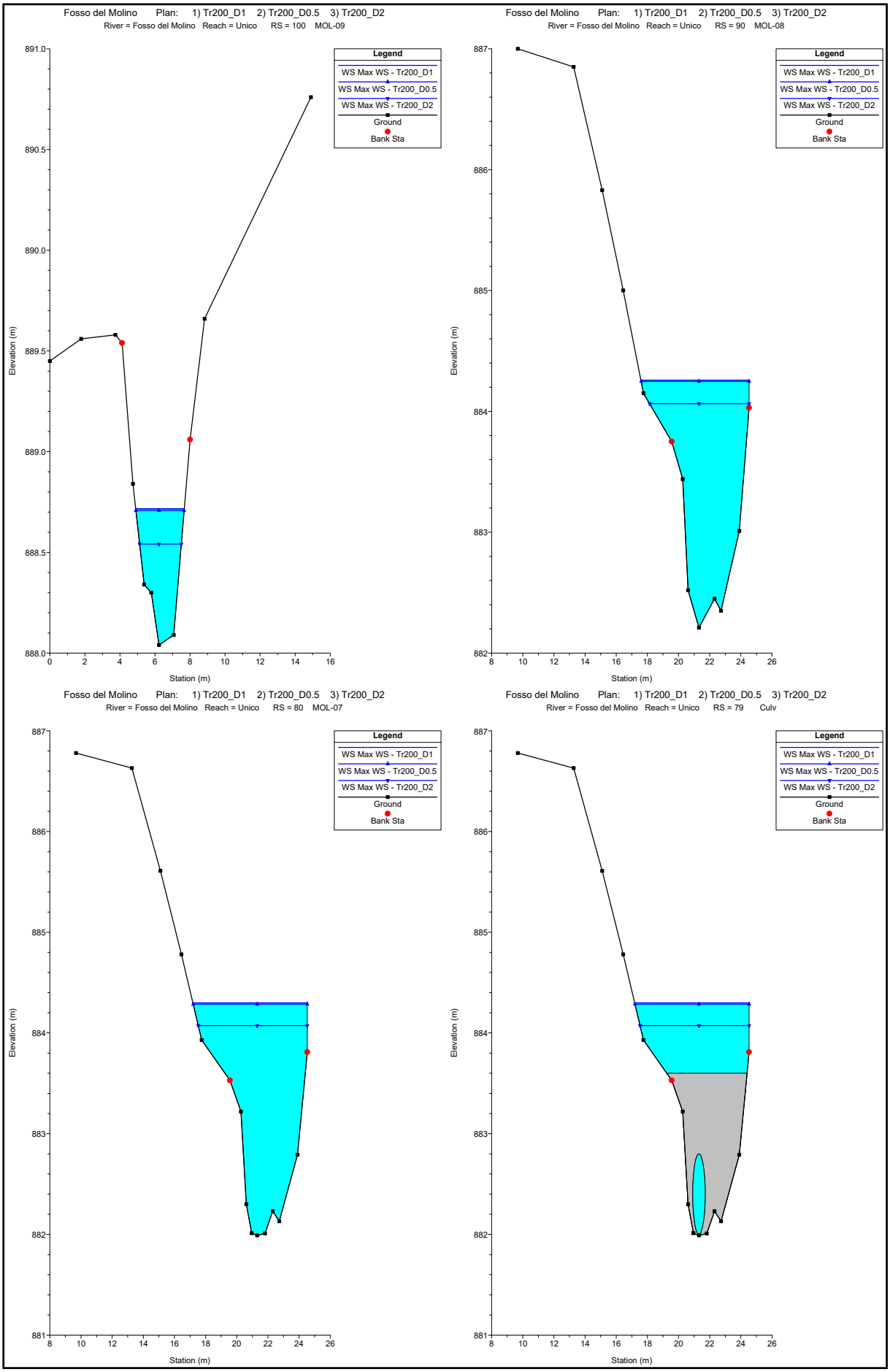

Fosso del Molino Plan: 1) Tr200_D1 2) Tr200_D0.5 3) Tr200_D2
River = Fosso del Molino Reach = Unico RS = 200 MOL-21
Legend
WS Max WS - Tr200_D1
WS Max WS - Tr200_D0.5
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Molino Plan: 1) Tr200_D1 2) Tr200_D0.5 3) Tr200_D2
River = Fosso del Molino Reach = Unico RS = 190 MOL-20
Legend
WS Max WS - Tr200_D1
WS Max WS - Tr200_D0.5
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Molino Plan: 1) Tr200_D1 2) Tr200_D0.5 3) Tr200_D2
River = Fosso del Molino Reach = Unico RS = 185 IS
Legend
WS Max WS - Tr200_D1
WS Max WS - Tr200_D0.5
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Molino Plan: 1) Tr200_D1 2) Tr200_D0.5 3) Tr200_D2
River = Fosso del Molino Reach = Unico RS = 180 MOL-19
Legend
WS Max WS - Tr200_D1
WS Max WS - Tr200_D0.5
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

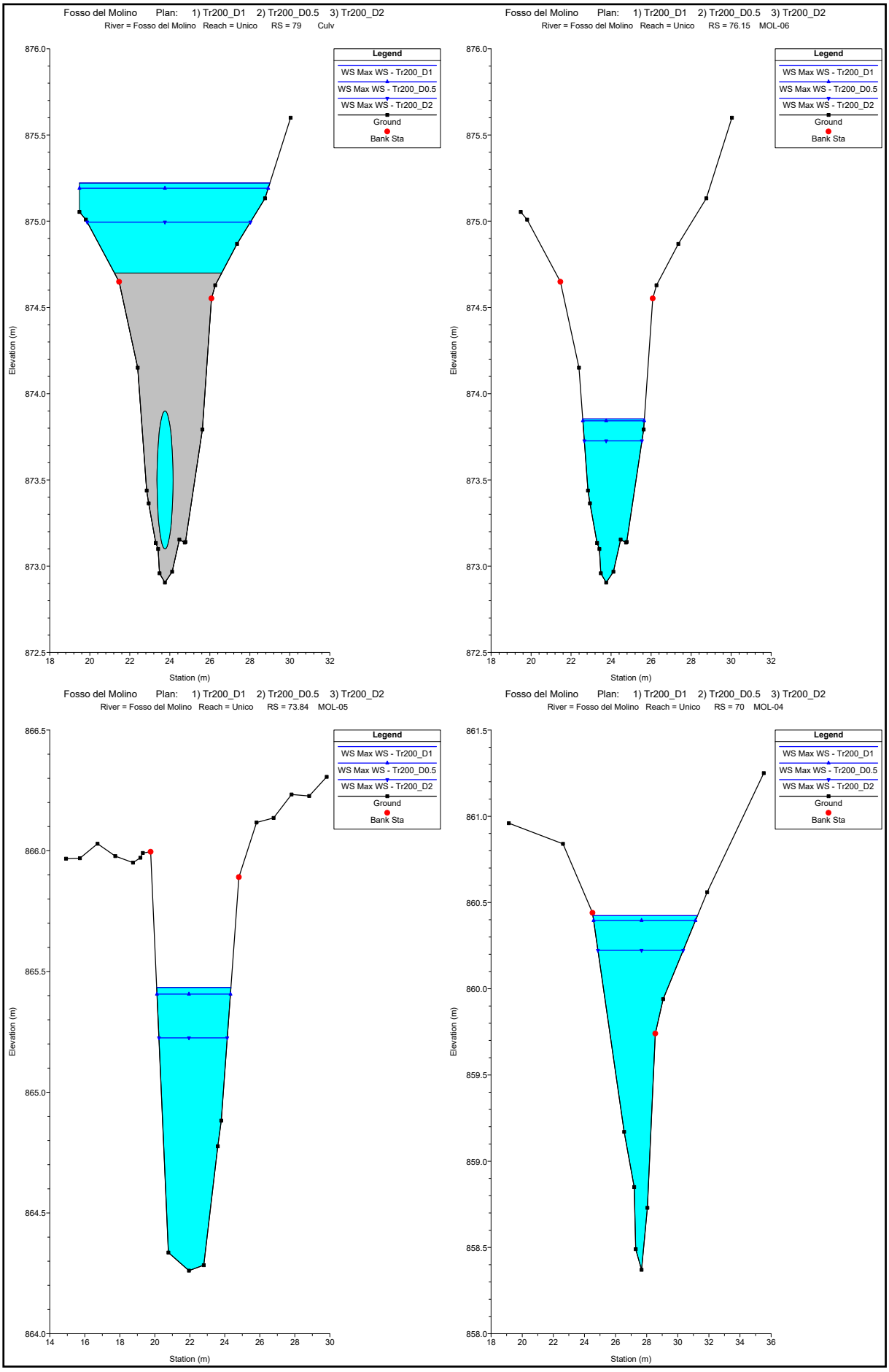

Fosso del Molino Plan: 1) Tr200_D1 2) Tr200_D0.5 3) Tr200_D2
River = Fosso del Molino Reach = Unico RS = 170 MOL-18
Legend
WS Max WS - Tr200_D1
WS Max WS - Tr200_D0.5
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Molino Plan: 1) Tr200_D1 2) Tr200_D0.5 3) Tr200_D2
River = Fosso del Molino Reach = Unico RS = 165 Culv
Legend
WS Max WS - Tr200_D1
WS Max WS - Tr200_D0.5
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Molino Plan: 1) Tr200_D1 2) Tr200_D0.5 3) Tr200_D2
River = Fosso del Molino Reach = Unico RS = 165 Culv
Legend
WS Max WS - Tr200_D1
WS Max WS - Tr200_D0.5
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Molino Plan: 1) Tr200_D1 2) Tr200_D0.5 3) Tr200_D2
River = Fosso del Molino Reach = Unico RS = 160 MOL-17
Legend
WS Max WS - Tr200_D1
WS Max WS - Tr200_D0.5
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

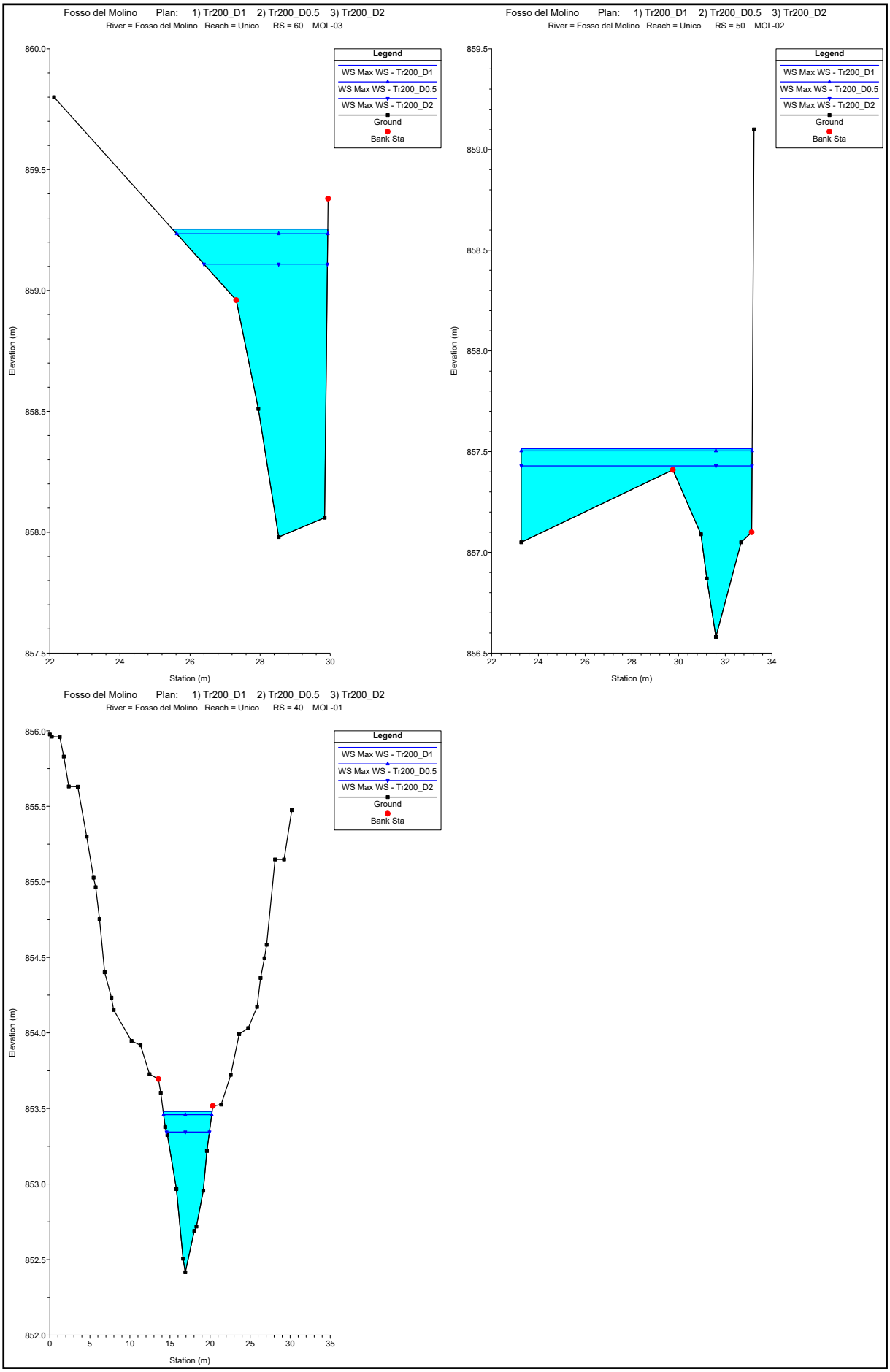

Fosso del Molino Plan: 1) Tr200_D1 2) Tr200_D0.5 3) Tr200_D2
River = Fosso del Molino Reach = Unico RS = 155.71 MOL-16
Legend
WS Max WS - Tr200_D1
WS Max WS - Tr200_D0.5
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Molino Plan: 1) Tr200_D1 2) Tr200_D0.5 3) Tr200_D2
River = Fosso del Molino Reach = Unico RS = 150 MOL-15
Legend
WS Max WS - Tr200_D1
WS Max WS - Tr200_D0.5
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Molino Plan: 1) Tr200_D1 2) Tr200_D0.5 3) Tr200_D2
River = Fosso del Molino Reach = Unico RS = 145 IS
Legend
WS Max WS - Tr200_D1
WS Max WS - Tr200_D0.5
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Molino Plan: 1) Tr200_D1 2) Tr200_D0.5 3) Tr200_D2
River = Fosso del Molino Reach = Unico RS = 140 MOL-14
Legend
WS Max WS - Tr200_D1
WS Max WS - Tr200_D0.5
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Fosso del Molino Plan: 1) Tr200_D1 2) Tr200_D0.5 3) Tr200_D2
River = Fosso del Molino Reach = Unico RS = 138 MOL-13
Legend
WS Max WS - Tr200_D1
WS Max WS - Tr200_D0.5
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Molino Plan: 1) Tr200_D1 2) Tr200_D0.5 3) Tr200_D2
River = Fosso del Molino Reach = Unico RS = 135 Culv
Legend
WS Max WS - Tr200_D1
WS Max WS - Tr200_D0.5
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Molino Plan: 1) Tr200_D1 2) Tr200_D0.5 3) Tr200_D2
River = Fosso del Molino Reach = Unico RS = 135 Culv
Legend
WS Max WS - Tr200_D1
WS Max WS - Tr200_D0.5
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Molino Plan: 1) Tr200_D1 2) Tr200_D0.5 3) Tr200_D2
River = Fosso del Molino Reach = Unico RS = 130 MOL-12
Legend
WS Max WS - Tr200_D1
WS Max WS - Tr200_D0.5
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Fosso del Molino Plan: 1) Tr200_D1 2) Tr200_D0.5 3) Tr200_D2
River = Fosso del Molino Reach = Unico RS = 120 MOL-11
Legend
WS Max WS - Tr200_D1
WS Max WS - Tr200_D0.5
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Molino Plan: 1) Tr200_D1 2) Tr200_D0.5 3) Tr200_D2
River = Fosso del Molino Reach = Unico RS = 110 MOL-10
Legend
WS Max WS - Tr200_D1
WS Max WS - Tr200_D0.5
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Molino Plan: 1) Tr200_D1 2) Tr200_D0.5 3) Tr200_D2
River = Fosso del Molino Reach = Unico RS = 105 Culv
Legend
WS Max WS - Tr200_D1
WS Max WS - Tr200_D0.5
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Molino Plan: 1) Tr200_D1 2) Tr200_D0.5 3) Tr200_D2
River = Fosso del Molino Reach = Unico RS = 105 Culv
Legend
WS Max WS - Tr200_D1
WS Max WS - Tr200_D0.5
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Fosso del Molino Plan: 1) Tr200_D1 2) Tr200_D0.5 3) Tr200_D2
River = Fosso del Molino Reach = Unico RS = 100 MOL-09
Legend
WS Max WS - Tr200_D1
WS Max WS - Tr200_D0.5
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Molino Plan: 1) Tr200_D1 2) Tr200_D0.5 3) Tr200_D2
River = Fosso del Molino Reach = Unico RS = 90 MOL-08
Legend
WS Max WS - Tr200_D1
WS Max WS - Tr200_D0.5
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Molino Plan: 1) Tr200_D1 2) Tr200_D0.5 3) Tr200_D2
River = Fosso del Molino Reach = Unico RS = 80 MOL-07
Legend
WS Max WS - Tr200_D1
WS Max WS - Tr200_D0.5
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Molino Plan: 1) Tr200_D1 2) Tr200_D0.5 3) Tr200_D2
River = Fosso del Molino Reach = Unico RS = 79 Culv
Legend
WS Max WS - Tr200_D1
WS Max WS - Tr200_D0.5
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Fosso del Molino Plan: 1) Tr200_D1 2) Tr200_D0.5 3) Tr200_D2
River = Fosso del Molino Reach = Unico RS = 79 Culv
Legend
WS Max WS - Tr200_D1
WS Max WS - Tr200_D0.5
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Molino Plan: 1) Tr200_D1 2) Tr200_D0.5 3) Tr200_D2
River = Fosso del Molino Reach = Unico RS = 76.15 MOL-06
Legend
WS Max WS - Tr200_D1
WS Max WS - Tr200_D0.5
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Molino Plan: 1) Tr200_D1 2) Tr200_D0.5 3) Tr200_D2
River = Fosso del Molino Reach = Unico RS = 73.84 MOL-05
Legend
WS Max WS - Tr200_D1
WS Max WS - Tr200_D0.5
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Molino Plan: 1) Tr200_D1 2) Tr200_D0.5 3) Tr200_D2
River = Fosso del Molino Reach = Unico RS = 70 MOL-04
Legend
WS Max WS - Tr200_D1
WS Max WS - Tr200_D0.5
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Fosso del Molino Plan: 1) Tr200_D1 2) Tr200_D0.5 3) Tr200_D2
River = Fosso del Molino Reach = Unico RS = 60 MOL-03
Legend
WS Max WS - Tr200_D1
WS Max WS - Tr200_D0.5
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Molino Plan: 1) Tr200_D1 2) Tr200_D0.5 3) Tr200_D2
River = Fosso del Molino Reach = Unico RS = 50 MOL-02
Legend
WS Max WS - Tr200_D1
WS Max WS - Tr200_D0.5
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Molino Plan: 1) Tr200_D1 2) Tr200_D0.5 3) Tr200_D2
River = Fosso del Molino Reach = Unico RS = 40 MOL-01
Legend
WS Max WS - Tr200_D1
WS Max WS - Tr200_D0.5
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "FOSSO DEL MOLINO"

FOSSO DEL MOLINO

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 0.5, 1 e 2 h

Dati idraulici

HEC-RAS River: Fosso del Molino Reach: Unico Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Unico	200	Max WS	Tr200_D1	15.00	913.59	914.51	914.71	915.13	0.075675	3.79	1.25	1.85	4.93	13.96	1.58
Unico	200	Max WS	Tr200_D0.5	14.80	913.59	914.50	914.70	915.12	0.075934	3.77	1.24	1.84	4.87	13.89	1.58
Unico	200	Max WS	Tr200_D2	10.10	913.59	914.40	914.57	914.92	0.078135	3.37	0.86	1.51	3.54	11.96	1.55
Unico	191.66			Lat Struct											
Unico	191.65			Lat Struct											
Unico	190	Max WS	Tr200_D1	11.39	904.97	906.77	905.93	906.79	0.000776	0.73	0.42	0.42	20.22	17.55	0.19
Unico	190	Max WS	Tr200_D0.5	11.27	904.97	906.76	905.93	906.78	0.000775	0.73	0.42	0.42	20.08	17.55	0.19
Unico	190	Max WS	Tr200_D2	9.24	904.97	906.50	905.86	906.52	0.001156	0.79	0.43	0.42	15.38	17.53	0.22
Unico	185			Inl Struct											
Unico	180	Max WS	Tr200_D1	11.39	903.73	906.74		906.75	0.000546	0.62	0.35	0.35	23.13	17.54	0.13
Unico	180	Max WS	Tr200_D0.5	11.27	903.73	906.73		906.74	0.000544	0.61	0.35	0.35	23.00	17.54	0.13
Unico	180	Max WS	Tr200_D2	9.24	903.73	906.46		906.48	0.000685	0.63	0.32	0.31	18.39	17.53	0.15
Unico	170	Max WS	Tr200_D1	10.60	903.58	906.74		906.75	0.000456	0.56	0.32	0.32	23.49	17.55	0.12
Unico	170	Max WS	Tr200_D0.5	10.51	903.58	906.73		906.74	0.000455	0.56	0.32	0.32	23.35	17.55	0.12
Unico	170	Max WS	Tr200_D2	9.12	903.58	906.46		906.48	0.000640	0.61	0.31	0.30	18.69	17.53	0.14
Unico	165			Culvert											
Unico	160	Max WS	Tr200_D1	10.60	902.89	903.56	903.69	903.98	0.078151	2.86			3.71	9.99	1.50
Unico	160	Max WS	Tr200_D0.5	10.51	902.89	903.56	903.69	903.98	0.078376	2.86			3.68	9.97	1.50
Unico	160	Max WS	Tr200_D2	9.12	902.89	903.52	903.64	903.91	0.080880	2.76			3.30	9.62	1.51
Unico	155.71	Max WS	Tr200_D1	11.98	899.31	900.12	900.13	900.37	0.037168	2.54	1.70	0.37	5.72	12.42	1.08
Unico	155.71	Max WS	Tr200_D0.5	11.80	899.31	900.11	900.13	900.36	0.037098	2.53	1.69	0.36	5.67	12.41	1.08
Unico	155.71	Max WS	Tr200_D2	8.90	899.31	900.04	900.05	900.24	0.035459	2.26	1.46	0.12	4.81	12.30	1.03
Unico	155.7			Lat Struct											
Unico	155.69			Lat Struct											
Unico	150	Max WS	Tr200_D1	7.99	891.95	893.19	893.11	893.34	0.012704	1.92	0.98	0.55	5.51	12.44	0.66
Unico	150	Max WS	Tr200_D0.5	7.87	891.95	893.18	893.10	893.33	0.012749	1.91	0.97	0.54	5.43	12.36	0.66
Unico	150	Max WS	Tr200_D2	5.78	891.95	893.06	892.98	893.20	0.013019	1.76	0.80	0.46	4.10	10.91	0.65
Unico	145			Inl Struct											
Unico	140	Max WS	Tr200_D1	7.99	890.13	892.11		892.16	0.003451	1.14	0.33	0.60	9.37	12.79	0.29
Unico	140	Max WS	Tr200_D0.5	7.87	890.13	892.10		892.15	0.003433	1.13	0.33	0.59	9.28	12.78	0.29
Unico	140	Max WS	Tr200_D2	5.78	890.13	891.95		892.00	0.003303	1.04	0.25	0.46	7.42	12.56	0.28
Unico	138	Max WS	Tr200_D1	7.64	890.08	892.12		892.16	0.002545	1.00	0.30	0.55	10.14	12.93	0.25
Unico	138	Max WS	Tr200_D0.5	7.52	890.08	892.11		892.15	0.002533	1.00	0.30	0.54	10.04	12.91	0.25
Unico	138	Max WS	Tr200_D2	5.58	890.08	891.96		892.00	0.002435	0.92	0.24	0.44	8.15	12.64	0.24
Unico	135			Culvert											
Unico	130	Max WS	Tr200_D1	7.64	889.37	891.06		891.24	0.013272	1.88			4.06	4.03	0.60
Unico	130	Max WS	Tr200_D0.5	7.52	889.37	891.05		891.23	0.013096	1.86			4.04	4.02	0.59
Unico	130	Max WS	Tr200_D2	5.58	889.37	890.93		891.06	0.010034	1.57			3.57	3.80	0.52
Unico	120	Max WS	Tr200_D1	7.64	889.22	891.07		891.20	0.008477	1.61	0.22	0.21	4.82	5.53	0.49
Unico	120	Max WS	Tr200_D0.5	7.52	889.22	891.07		891.19	0.008371	1.59	0.21	0.20	4.78	5.45	0.48
Unico	120	Max WS	Tr200_D2	5.58	889.22	890.95		891.04	0.006299	1.31		0.02	4.25	4.13	0.41
Unico	110	Max WS	Tr200_D1	7.64	889.17	891.06		891.18	0.007577	1.55	0.26	0.24	5.06	6.04	0.46
Unico	110	Max WS	Tr200_D0.5	7.52	889.17	891.06		891.18	0.007483	1.53	0.25	0.23	5.02	5.94	0.46
Unico	110	Max WS	Tr200_D2	5.58	889.17	890.95		891.03	0.005558	1.26	0.09	0.09	4.44	4.63	0.39
Unico	105			Culvert											
Unico	100	Max WS	Tr200_D1	7.64	888.04	888.72	889.20	890.69	0.351876	6.21			1.23	2.77	2.98
Unico	100	Max WS	Tr200_D0.5	7.52	888.04	888.71	889.18	890.70	0.361426	6.25			1.20	2.75	3.02
Unico	100	Max WS	Tr200_D2	5.58	888.04	888.54	889.03	891.17	0.681592	7.17			0.78	2.38	4.01
Unico	96.65			Lat Struct											
Unico	96.64			Lat Struct											
Unico	90	Max WS	Tr200_D1	10.58	882.21	884.26		884.36	0.004590	1.42	0.48		7.82	6.95	0.38
Unico	90	Max WS	Tr200_D0.5	10.39	882.21	884.25		884.35	0.004534	1.41	0.47		7.75	6.93	0.37
Unico	90	Max WS	Tr200_D2	4.96	882.21	884.06		884.09	0.001621	0.78	0.19		6.50	6.39	0.22
Unico	80	Max WS	Tr200_D1	9.63	881.99	884.30		884.35	0.002128	1.06	0.45		9.78	7.34	0.26
Unico	80	Max WS	Tr200_D0.5	9.48	881.99	884.29		884.34	0.002113	1.05	0.44		9.69	7.32	0.25
Unico	80	Max WS	Tr200_D2	4.68	881.99	884.07		884.09	0.000805	0.60	0.21		8.15	7.00	0.16
Unico	79			Culvert											
Unico	76.15	Max WS	Tr200_D1	9.63	872.91	873.85	874.27	875.21	0.171518	5.15			1.87	3.08	2.11
Unico	76.15	Max WS	Tr200_D0.5	9.47	872.91	873.84	874.26	875.20	0.174595	5.16			1.83	3.07	2.13
Unico	76.15	Max WS	Tr200_D2	7.25	872.91	873.73	874.09	874.94	0.184281	4.87			1.49	2.88	2.17
Unico	76.14			Lat Struct											
Unico	76.13			Lat Struct											
Unico	73.84	Max WS	Tr200_D1	13.74	864.26	865.43	865.60	866.14	0.056020	3.73			3.68	4.24	1.28
Unico	73.84	Max WS	Tr200_D0.5	13.17	864.26	865.41	865.57	866.10	0.056259	3.70			3.56	4.20	1.28
Unico	73.84	Max WS	Tr200_D2	9.56	864.26	865.23	865.36	865.81	0.056437	3.38			2.83	3.91	1.27
Unico	71.51			Lat Struct											
Unico	71.5			Lat Struct											
Unico	70	Max WS	Tr200_D1	14.06	858.37	860.42	860.42	860.84	0.029358	2.95		1.27	5.23	6.72	0.90
Unico	70	Max WS	Tr200_D0.5	13.41	858.37	860.40	860.39	860.80	0.029062	2.91		1.22	5.05	6.55	0.89
Unico	70	Max WS	Tr200_D2	9.79	858.37	860.22	860.16	860.56	0.026730	2.60		0.94	4.01	5.48	0.84
Unico	60	Max WS	Tr200_D1	11.77	857.98	859.25	859.60	860.22	0.089228	4.41	1.38		2.85	4.43	1.42
Unico	60	Max WS	Tr200_D0.5	11.31	857.98	859.23	859.57	860.17	0.088423	4.35	1.31		2.77	4.31	1.41
Unico	60	Max WS	Tr200_D2	8.87	857.98	859.11	859.40	859.92	0.085835	3.99	0.86		2.28	3.53	1.38
Unico	50	Max WS	Tr200_D1	10.87	856.58	857.51	857.69	858.10	0.106689	3.92	2.25	0.26	3.57	9.88	1.75

HEC-RAS River: Fosso del Molino Reach: Unico Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Unico	50	Max WS	Tr200_D0.5	10.31	856.58	857.50	857.67	858.06	0.105141	3.83	2.18	0.25	3.46	9.88	1.73
Unico	50	Max WS	Tr200_D2	7.51	856.58	857.43	857.57	857.93	0.114676	3.59	1.85	0.23	2.72	9.88	1.76
Unico	40	Max WS	Tr200_D1	14.21	852.42	853.48	853.78	854.37	0.104410	4.18			3.40	6.12	1.79
Unico	40	Max WS	Tr200_D0.5	13.36	852.42	853.46	853.75	854.32	0.103363	4.10			3.26	6.01	1.78
Unico	40	Max WS	Tr200_D2	9.95	852.42	853.34	853.59	854.09	0.103575	3.82			2.61	5.35	1.75

ALLEGATI

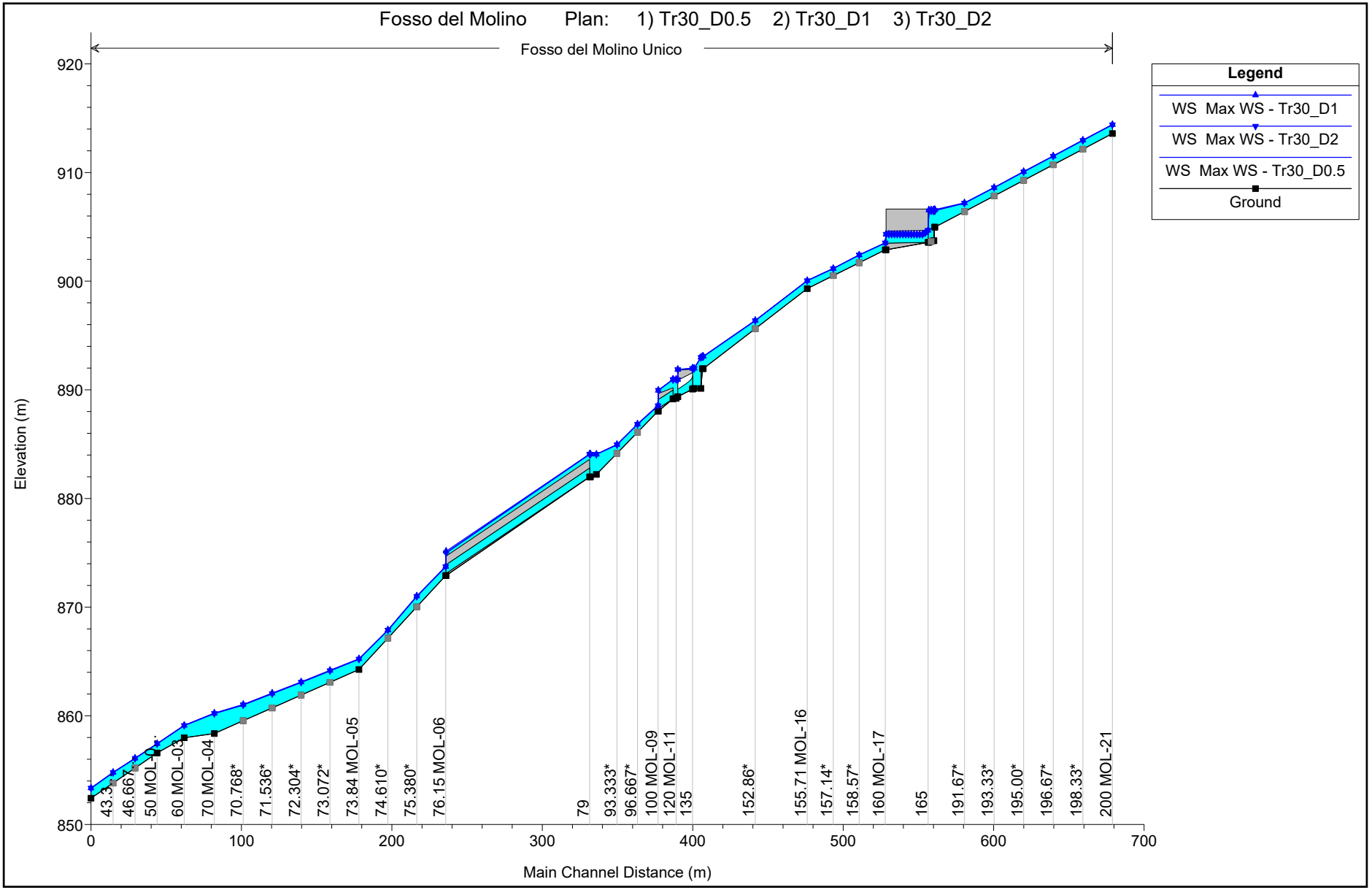
MODELLAZIONE HEC-RAS 5.0.7 "FOSSO DEL MOLINO"

FOSSO DEL MOLINO

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 0.5, 1 e 2 h

Profilo longitudinale


Fosso del Molino Plan: 1) Tr30_D0.5 2) Tr30_D1 3) Tr30_D2
Fosso del Molino Unico
Legend
WS Max WS - Tr30_D1
WS Max WS - Tr30_D2
WS Max WS - Tr30_D0.5
Ground
Elevation (m)
Main Channel Distance (m)
920
910
900
890
880
870
860
850
0
100
200
300
400
500
600
700
43.3
46.667
50 MOL-02
60 MOL-03
70 MOL-04
70.768*
71.536*
72.304*
73.072*
73.84 MOL-05
74.610*
75.380*
76.15 MOL-06
79
93.333*
96.667*
100 MOL-09
120 MOL-11
135
152.86*
155.71 MOL-16
157.14*
158.57*
160 MOL-17
165
191.67*
193.33*
195.00*
196.67*
198.33*
200 MOL-21

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "FOSSO DEL MOLINO"

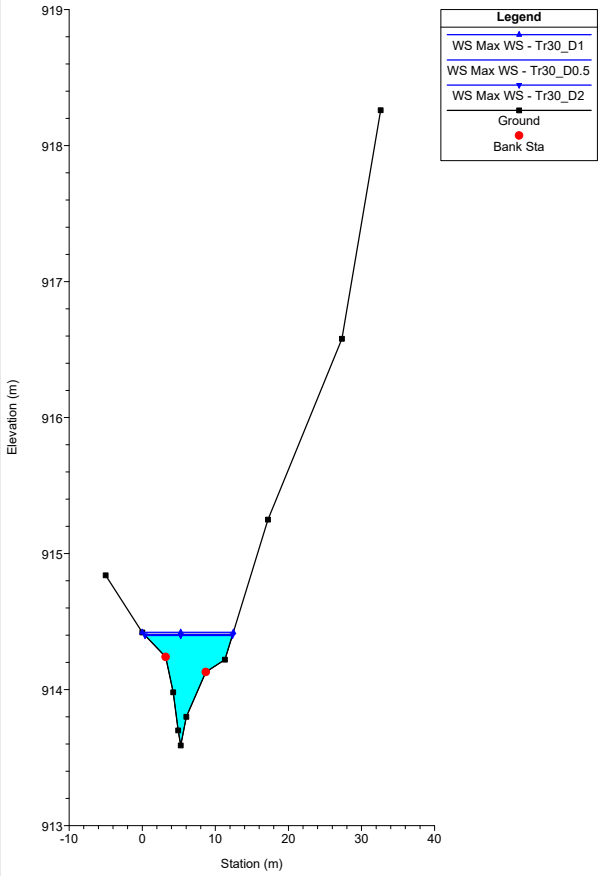
FOSSO DEL MOLINO

MODELLAZIONE PER TR= 30 anni

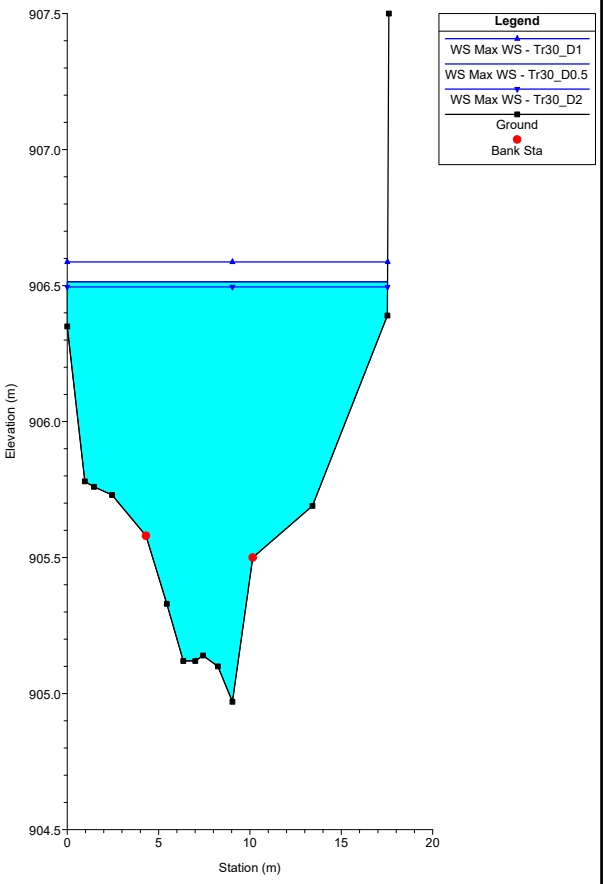
DURATE DI PIOGGIA: 0.5, 1 e 2 h

Sezioni Trasversali (da monte verso valle)

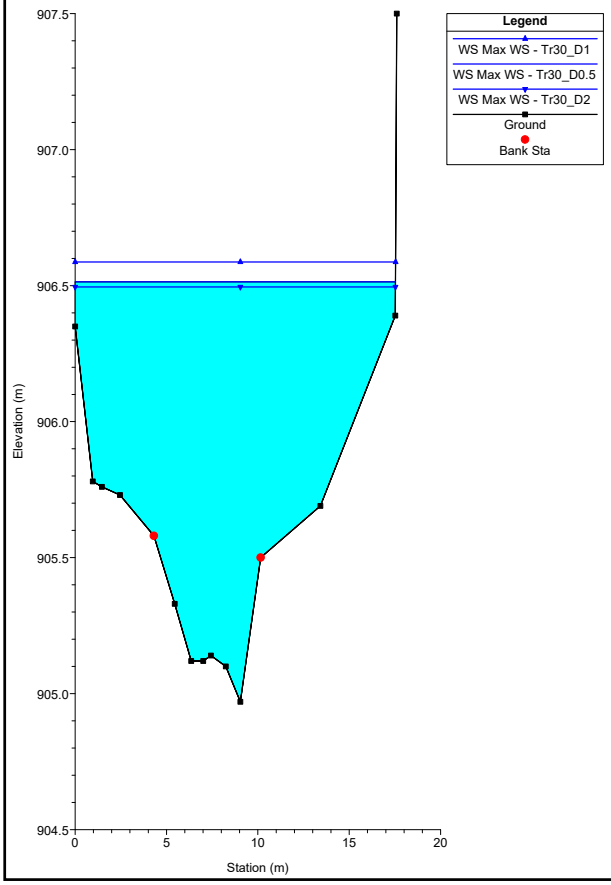
Fosso del Molino Plan: 1) Tr30_D0.5 2) Tr30_D1 3) Tr30_D2
River = Fosso del Molino Reach = Unico RS = 200 MOL-21



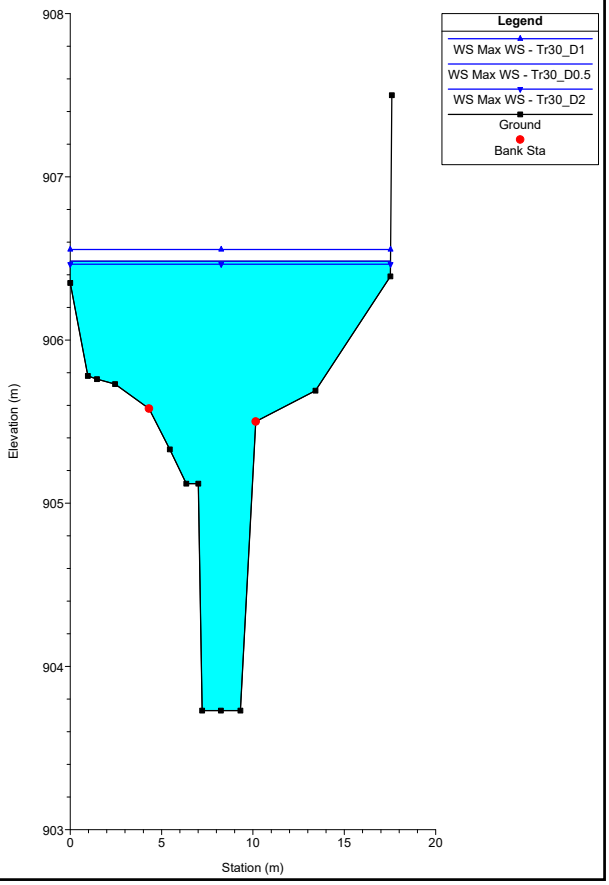
Fosso del Molino Plan: 1) Tr30_D0.5 2) Tr30_D1 3) Tr30_D2
River = Fosso del Molino Reach = Unico RS = 190 MOL-20

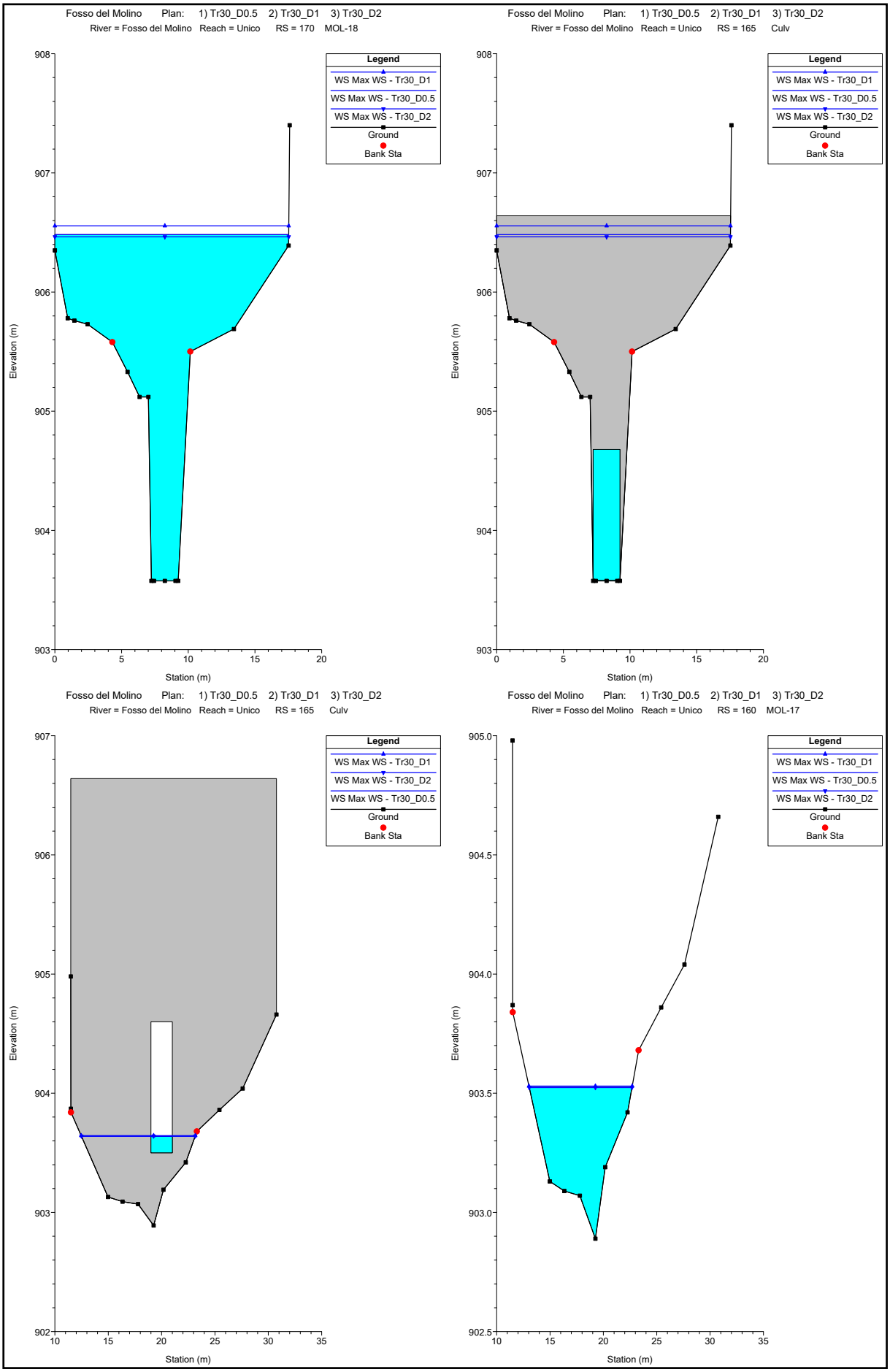


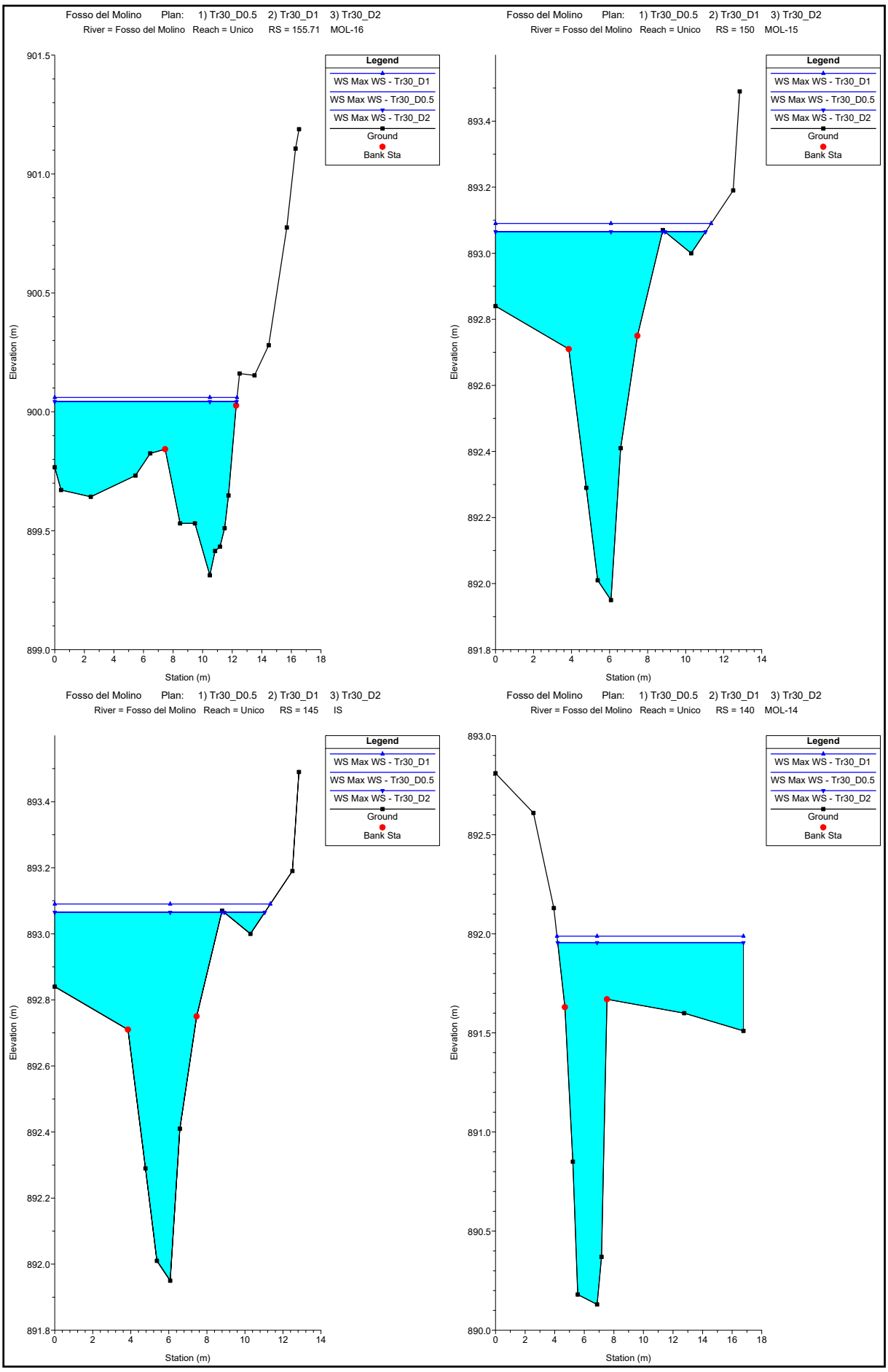
Fosso del Molino Plan: 1) Tr30_D0.5 2) Tr30_D1 3) Tr30_D2
River = Fosso del Molino Reach = Unico RS = 185 IS

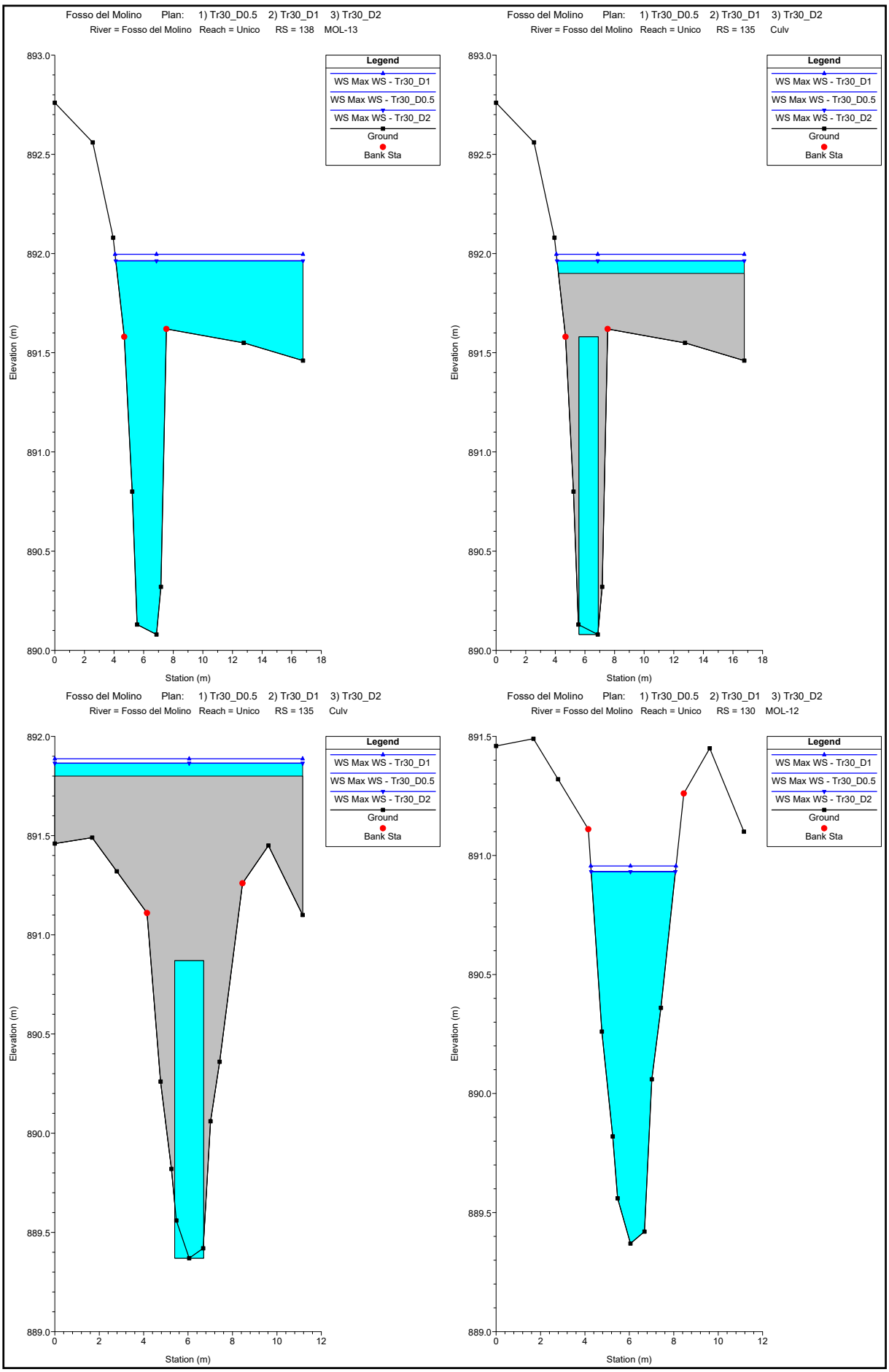


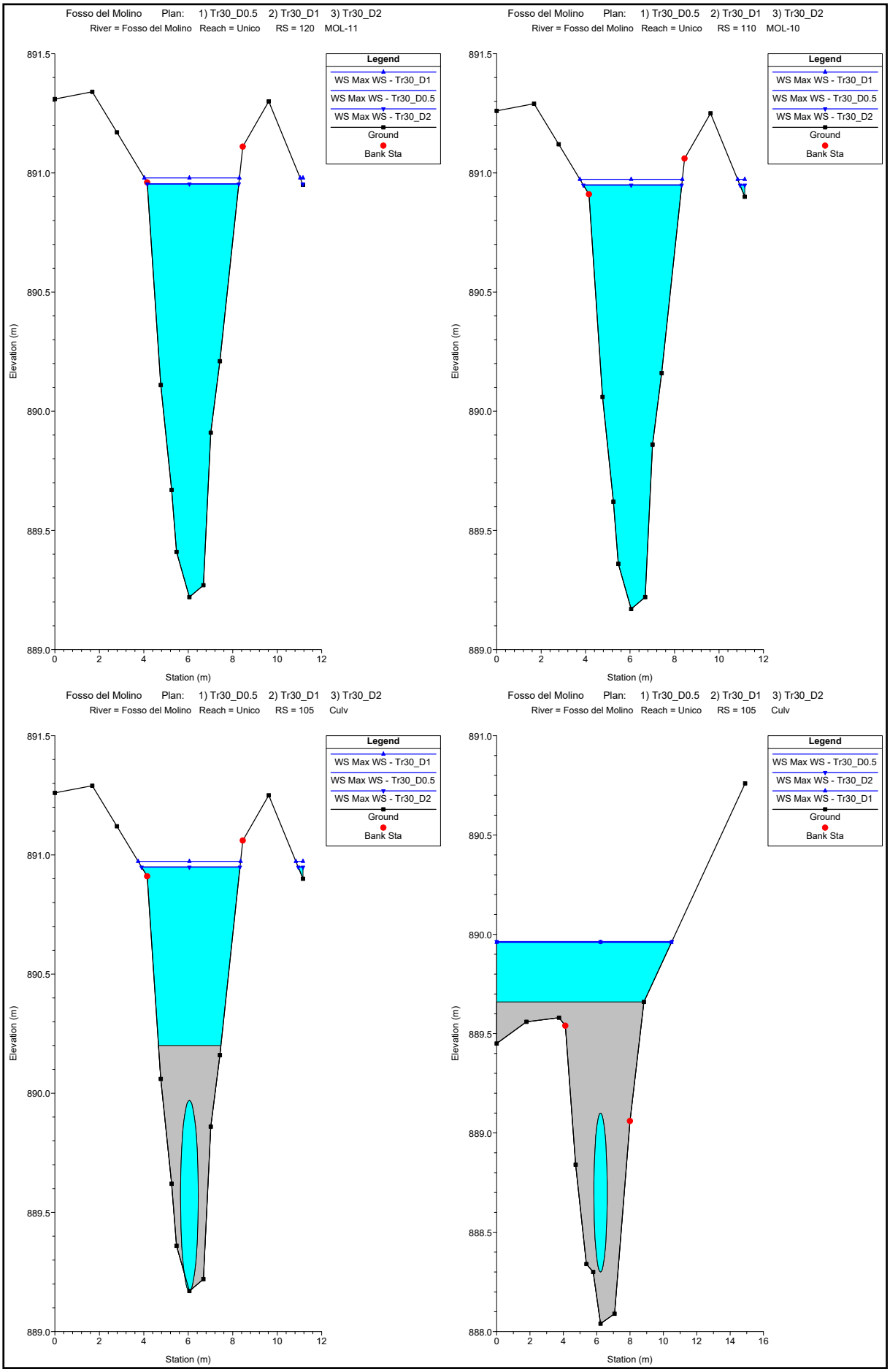
Fosso del Molino Plan: 1) Tr30_D0.5 2) Tr30_D1 3) Tr30_D2
River = Fosso del Molino Reach = Unico RS = 180 MOL-19

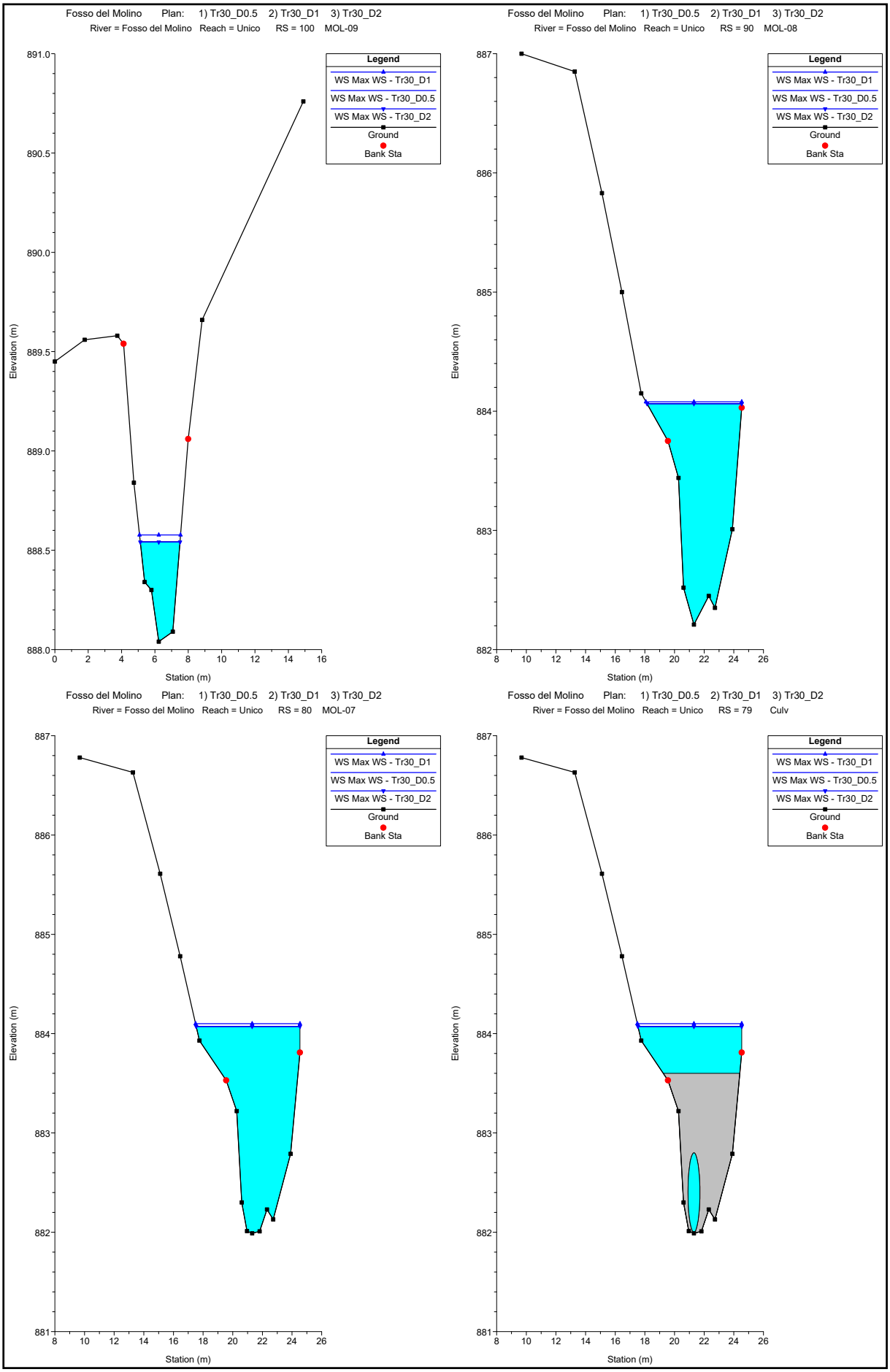


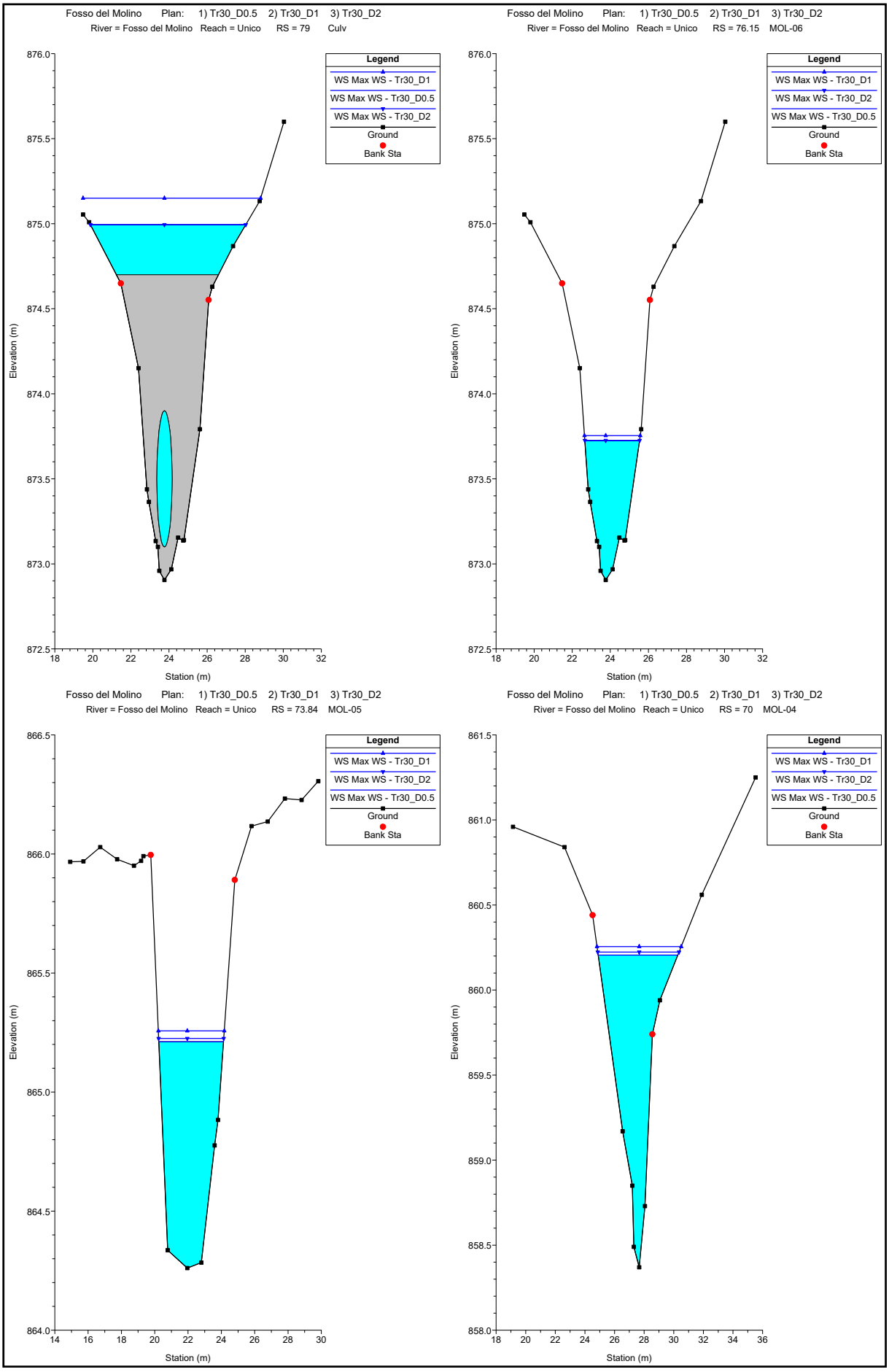

Fosso del Molino Plan: 1) Tr30_D0.5 2) Tr30_D1 3) Tr30_D2
River = Fosso del Molino Reach = Unico RS = 170 MOL-18
Legend
WS Max WS - Tr30_D1
WS Max WS - Tr30_D0.5
WS Max WS - Tr30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Molino Plan: 1) Tr30_D0.5 2) Tr30_D1 3) Tr30_D2
River = Fosso del Molino Reach = Unico RS = 165 Culv
Legend
WS Max WS - Tr30_D1
WS Max WS - Tr30_D0.5
WS Max WS - Tr30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Molino Plan: 1) Tr30_D0.5 2) Tr30_D1 3) Tr30_D2
River = Fosso del Molino Reach = Unico RS = 165 Culv
Legend
WS Max WS - Tr30_D1
WS Max WS - Tr30_D2
WS Max WS - Tr30_D0.5
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Molino Plan: 1) Tr30_D0.5 2) Tr30_D1 3) Tr30_D2
River = Fosso del Molino Reach = Unico RS = 160 MOL-17
Legend
WS Max WS - Tr30_D1
WS Max WS - Tr30_D0.5
WS Max WS - Tr30_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Fosso del Molino Plan: 1) Tr30_D0.5 2) Tr30_D1 3) Tr30_D2
River = Fosso del Molino Reach = Unico RS = 155.71 MOL-16
Legend
WS Max WS - Tr30_D1
WS Max WS - Tr30_D0.5
WS Max WS - Tr30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Molino Plan: 1) Tr30_D0.5 2) Tr30_D1 3) Tr30_D2
River = Fosso del Molino Reach = Unico RS = 150 MOL-15
Legend
WS Max WS - Tr30_D1
WS Max WS - Tr30_D0.5
WS Max WS - Tr30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Molino Plan: 1) Tr30_D0.5 2) Tr30_D1 3) Tr30_D2
River = Fosso del Molino Reach = Unico RS = 145 IS
Legend
WS Max WS - Tr30_D1
WS Max WS - Tr30_D0.5
WS Max WS - Tr30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Molino Plan: 1) Tr30_D0.5 2) Tr30_D1 3) Tr30_D2
River = Fosso del Molino Reach = Unico RS = 140 MOL-14
Legend
WS Max WS - Tr30_D1
WS Max WS - Tr30_D0.5
WS Max WS - Tr30_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Fosso del Molino Plan: 1) Tr30_D0.5 2) Tr30_D1 3) Tr30_D2
River = Fosso del Molino Reach = Unico RS = 138 MOL-13
Legend
WS Max WS - Tr30_D1
WS Max WS - Tr30_D0.5
WS Max WS - Tr30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Molino Plan: 1) Tr30_D0.5 2) Tr30_D1 3) Tr30_D2
River = Fosso del Molino Reach = Unico RS = 135 Culv
Legend
WS Max WS - Tr30_D1
WS Max WS - Tr30_D0.5
WS Max WS - Tr30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Molino Plan: 1) Tr30_D0.5 2) Tr30_D1 3) Tr30_D2
River = Fosso del Molino Reach = Unico RS = 135 Culv
Legend
WS Max WS - Tr30_D1
WS Max WS - Tr30_D0.5
WS Max WS - Tr30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Molino Plan: 1) Tr30_D0.5 2) Tr30_D1 3) Tr30_D2
River = Fosso del Molino Reach = Unico RS = 130 MOL-12
Legend
WS Max WS - Tr30_D1
WS Max WS - Tr30_D0.5
WS Max WS - Tr30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

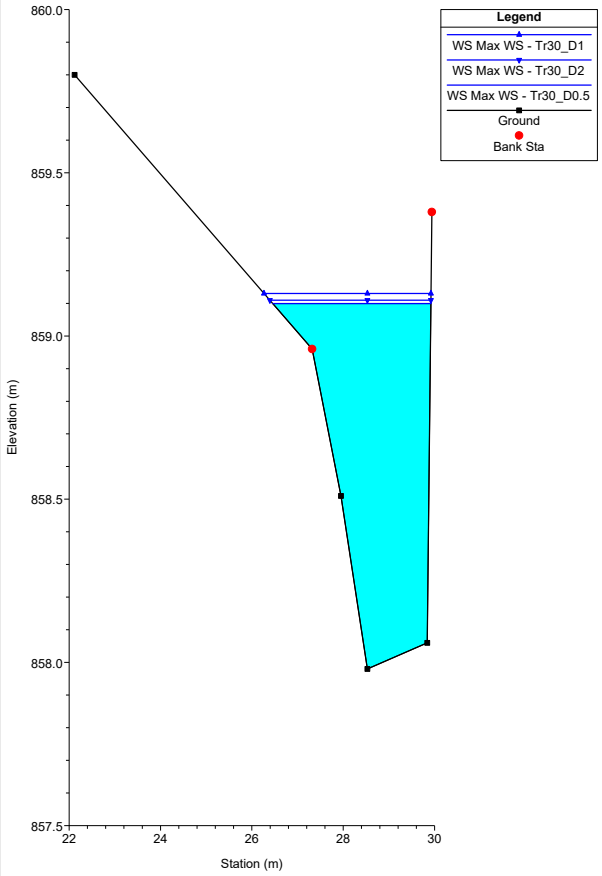

Fosso del Molino Plan: 1) Tr30_D0.5 2) Tr30_D1 3) Tr30_D2
River = Fosso del Molino Reach = Unico RS = 120 MOL-11
Legend
WS Max WS - Tr30_D1
WS Max WS - Tr30_D0.5
WS Max WS - Tr30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Molino Plan: 1) Tr30_D0.5 2) Tr30_D1 3) Tr30_D2
River = Fosso del Molino Reach = Unico RS = 110 MOL-10
Legend
WS Max WS - Tr30_D1
WS Max WS - Tr30_D0.5
WS Max WS - Tr30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Molino Plan: 1) Tr30_D0.5 2) Tr30_D1 3) Tr30_D2
River = Fosso del Molino Reach = Unico RS = 105 Culv
Legend
WS Max WS - Tr30_D1
WS Max WS - Tr30_D0.5
WS Max WS - Tr30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Molino Plan: 1) Tr30_D0.5 2) Tr30_D1 3) Tr30_D2
River = Fosso del Molino Reach = Unico RS = 105 Culv
Legend
WS Max WS - Tr30_D0.5
WS Max WS - Tr30_D2
WS Max WS - Tr30_D1
Ground
Bank Sta
Elevation (m)
Station (m)


Fosso del Molino Plan: 1) Tr30_D0.5 2) Tr30_D1 3) Tr30_D2
River = Fosso del Molino Reach = Unico RS = 100 MOL-09
Legend
WS Max WS - Tr30_D1
WS Max WS - Tr30_D0.5
WS Max WS - Tr30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Molino Plan: 1) Tr30_D0.5 2) Tr30_D1 3) Tr30_D2
River = Fosso del Molino Reach = Unico RS = 90 MOL-08
Legend
WS Max WS - Tr30_D1
WS Max WS - Tr30_D0.5
WS Max WS - Tr30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Molino Plan: 1) Tr30_D0.5 2) Tr30_D1 3) Tr30_D2
River = Fosso del Molino Reach = Unico RS = 80 MOL-07
Legend
WS Max WS - Tr30_D1
WS Max WS - Tr30_D0.5
WS Max WS - Tr30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Molino Plan: 1) Tr30_D0.5 2) Tr30_D1 3) Tr30_D2
River = Fosso del Molino Reach = Unico RS = 79 Culv
Legend
WS Max WS - Tr30_D1
WS Max WS - Tr30_D0.5
WS Max WS - Tr30_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Fosso del Molino Plan: 1) Tr30_D0.5 2) Tr30_D1 3) Tr30_D2
River = Fosso del Molino Reach = Unico RS = 79 Culv
Legend
WS Max WS - Tr30_D1
WS Max WS - Tr30_D0.5
WS Max WS - Tr30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Molino Plan: 1) Tr30_D0.5 2) Tr30_D1 3) Tr30_D2
River = Fosso del Molino Reach = Unico RS = 76.15 MOL-06
Legend
WS Max WS - Tr30_D1
WS Max WS - Tr30_D2
WS Max WS - Tr30_D0.5
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Molino Plan: 1) Tr30_D0.5 2) Tr30_D1 3) Tr30_D2
River = Fosso del Molino Reach = Unico RS = 73.84 MOL-05
Legend
WS Max WS - Tr30_D1
WS Max WS - Tr30_D2
WS Max WS - Tr30_D0.5
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Molino Plan: 1) Tr30_D0.5 2) Tr30_D1 3) Tr30_D2
River = Fosso del Molino Reach = Unico RS = 70 MOL-04
Legend
WS Max WS - Tr30_D1
WS Max WS - Tr30_D2
WS Max WS - Tr30_D0.5
Ground
Bank Sta
Elevation (m)
Station (m)

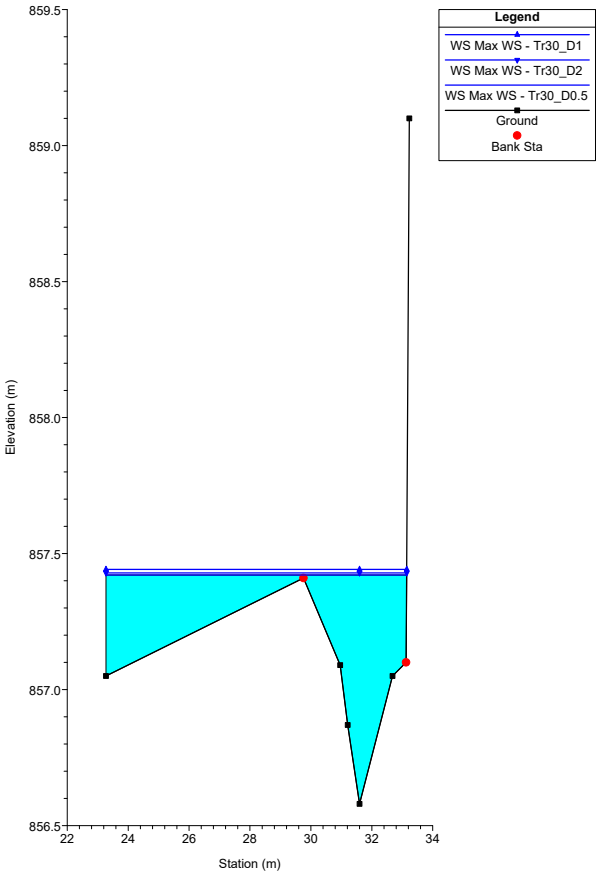
Fosso del Molino Plan: 1) Tr30_D0.5 2) Tr30_D1 3) Tr30_D2

River = Fosso del Molino Reach = Unico RS = 60 MOL-03



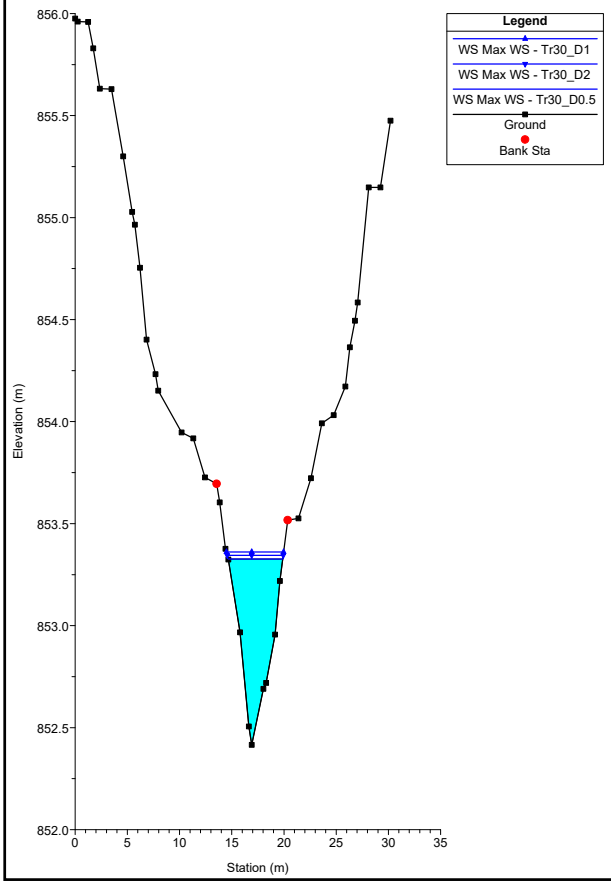
Fosso del Molino Plan: 1) Tr30_D0.5 2) Tr30_D1 3) Tr30_D2

River = Fosso del Molino Reach = Unico RS = 50 MOL-02



Fosso del Molino Plan: 1) Tr30_D0.5 2) Tr30_D1 3) Tr30_D2

River = Fosso del Molino Reach = Unico RS = 40 MOL-01



ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "FOSSO DEL MOLINO"

FOSSO DEL MOLINO

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 0.5, 1 e 2 h

Dati idraulici

HEC-RAS River: Fosso del Molino Reach: Unico Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Unico	200	Max WS	Tr30_D0.5	10.40	913.59	914.41	914.58	914.93	0.077822	3.39	0.88	1.54	3.63	12.13	1.55
Unico	200	Max WS	Tr30_D1	11.20	913.59	914.42	914.60	914.98	0.079507	3.50	0.95	1.61	3.82	12.49	1.58
Unico	200	Max WS	Tr30_D2	10.10	913.59	914.40	914.57	914.92	0.078133	3.37	0.86	1.51	3.54	11.96	1.55
Unico	191.66			Lat Struct											
Unico	191.65			Lat Struct											
Unico	190	Max WS	Tr30_D0.5	9.32	904.97	906.51	905.86	906.54	0.001104	0.78	0.43	0.42	15.71	17.53	0.22
Unico	190	Max WS	Tr30_D1	9.65	904.97	906.59	905.87	906.61	0.000937	0.74	0.42	0.41	16.99	17.53	0.20
Unico	190	Max WS	Tr30_D2	9.24	904.97	906.50	905.86	906.52	0.001156	0.79	0.43	0.42	15.38	17.53	0.22
Unico	185			Inl Struct											
Unico	180	Max WS	Tr30_D0.5	9.32	903.73	906.48		906.50	0.000664	0.62	0.32	0.31	18.71	17.53	0.15
Unico	180	Max WS	Tr30_D1	9.65	903.73	906.56		906.57	0.000593	0.61	0.32	0.32	19.98	17.53	0.14
Unico	180	Max WS	Tr30_D2	9.24	903.73	906.46		906.48	0.000685	0.63	0.32	0.31	18.39	17.53	0.15
Unico	170	Max WS	Tr30_D0.5	9.16	903.58	906.48		906.50	0.000616	0.60	0.31	0.30	19.01	17.53	0.14
Unico	170	Max WS	Tr30_D1	9.34	903.58	906.56		906.57	0.000535	0.58	0.31	0.30	20.29	17.53	0.13
Unico	170	Max WS	Tr30_D2	9.12	903.58	906.46		906.48	0.000640	0.61	0.31	0.30	18.69	17.53	0.14
Unico	165			Culvert											
Unico	160	Max WS	Tr30_D0.5	9.16	902.89	903.52	903.64	903.92	0.080954	2.77			3.31	9.63	1.51
Unico	160	Max WS	Tr30_D1	9.34	902.89	903.53	903.64	903.92	0.080450	2.78			3.36	9.68	1.51
Unico	160	Max WS	Tr30_D2	9.12	902.89	903.52	903.64	903.91	0.080882	2.76			3.30	9.62	1.51
Unico	155.71	Max WS	Tr30_D0.5	8.94	899.31	900.04	900.05	900.24	0.035345	2.26	1.46	0.12	4.83	12.30	1.03
Unico	155.71	Max WS	Tr30_D1	9.46	899.31	900.06	900.07	900.27	0.034642	2.29	1.49	0.19	5.03	12.33	1.03
Unico	155.71	Max WS	Tr30_D2	8.90	899.31	900.04	900.05	900.24	0.035459	2.26	1.46	0.12	4.81	12.30	1.03
Unico	155.7			Lat Struct											
Unico	155.69			Lat Struct											
Unico	150	Max WS	Tr30_D0.5	5.79	891.95	893.07	892.98	893.20	0.013007	1.76	0.80	0.46	4.11	10.95	0.65
Unico	150	Max WS	Tr30_D1	6.19	891.95	893.09	893.00	893.23	0.012980	1.79	0.84	0.39	4.38	11.34	0.65
Unico	150	Max WS	Tr30_D2	5.78	891.95	893.06	892.98	893.20	0.013020	1.76	0.80	0.46	4.10	10.91	0.65
Unico	145			Inl Struct											
Unico	140	Max WS	Tr30_D0.5	5.79	890.13	891.96		892.00	0.003302	1.04	0.25	0.47	7.44	12.56	0.28
Unico	140	Max WS	Tr30_D1	6.19	890.13	891.99		892.03	0.003303	1.06	0.27	0.49	7.84	12.61	0.28
Unico	140	Max WS	Tr30_D2	5.78	890.13	891.95		892.00	0.003304	1.04	0.25	0.46	7.42	12.56	0.28
Unico	138	Max WS	Tr30_D0.5	5.59	890.08	891.96		892.00	0.002435	0.92	0.24	0.44	8.17	12.65	0.24
Unico	138	Max WS	Tr30_D1	5.96	890.08	892.00		892.03	0.002433	0.93	0.26	0.46	8.58	12.69	0.24
Unico	138	Max WS	Tr30_D2	5.58	890.08	891.96		892.00	0.002436	0.92	0.24	0.44	8.15	12.64	0.24
Unico	135			Culvert											
Unico	130	Max WS	Tr30_D0.5	5.59	889.37	890.93		891.06	0.010060	1.57			3.57	3.80	0.52
Unico	130	Max WS	Tr30_D1	5.96	889.37	890.96		891.09	0.010683	1.63			3.66	3.84	0.53
Unico	130	Max WS	Tr30_D2	5.58	889.37	890.93		891.06	0.010033	1.57			3.57	3.80	0.52
Unico	120	Max WS	Tr30_D0.5	5.59	889.22	890.95		891.04	0.006312	1.32		0.02	4.25	4.14	0.41
Unico	120	Max WS	Tr30_D1	5.96	889.22	890.98		891.07	0.006696	1.37	0.06	0.07	4.35	4.40	0.43
Unico	120	Max WS	Tr30_D2	5.58	889.22	890.95		891.04	0.006299	1.31		0.02	4.25	4.13	0.41
Unico	110	Max WS	Tr30_D0.5	5.59	889.17	890.95		891.03	0.005568	1.26	0.09	0.09	4.45	4.65	0.39
Unico	110	Max WS	Tr30_D1	5.96	889.17	890.97		891.06	0.005918	1.31	0.13	0.12	4.56	4.93	0.40
Unico	110	Max WS	Tr30_D2	5.58	889.17	890.95		891.03	0.005558	1.26	0.09	0.09	4.44	4.63	0.39
Unico	105			Culvert											
Unico	100	Max WS	Tr30_D0.5	5.59	888.04	888.54	889.03	891.16	0.677468	7.16			0.78	2.38	4.00
Unico	100	Max WS	Tr30_D1	5.96	888.04	888.58	889.06	891.00	0.576535	6.90			0.86	2.46	3.72
Unico	100	Max WS	Tr30_D2	5.58	888.04	888.54	889.03	891.17	0.681551	7.17			0.78	2.38	4.01
Unico	96.65			Lat Struct											
Unico	96.64			Lat Struct											
Unico	90	Max WS	Tr30_D0.5	5.00	882.21	884.06		884.09	0.001651	0.79	0.19		6.50	6.39	0.22
Unico	90	Max WS	Tr30_D1	8.10	882.21	884.08		884.16	0.004153	1.26	0.32		6.61	6.46	0.36
Unico	90	Max WS	Tr30_D2	4.97	882.21	884.06		884.09	0.001627	0.78	0.19		6.50	6.39	0.22
Unico	80	Max WS	Tr30_D0.5	4.68	881.99	884.07		884.09	0.000805	0.60	0.21		8.15	7.00	0.16
Unico	80	Max WS	Tr30_D1	7.77	881.99	884.10		884.15	0.002090	0.98	0.36		8.35	7.04	0.25
Unico	80	Max WS	Tr30_D2	4.68	881.99	884.07		884.09	0.000805	0.60	0.21		8.15	7.00	0.16
Unico	79			Culvert											
Unico	76.15	Max WS	Tr30_D0.5	7.24	872.91	873.72	874.09	874.94	0.185686	4.88			1.48	2.87	2.17
Unico	76.15	Max WS	Tr30_D1	7.77	872.91	873.75	874.13	875.01	0.183026	4.96			1.57	2.93	2.16
Unico	76.15	Max WS	Tr30_D2	7.25	872.91	873.73	874.09	874.94	0.184306	4.87			1.49	2.88	2.17
Unico	76.14			Lat Struct											
Unico	76.13			Lat Struct											
Unico	73.84	Max WS	Tr30_D0.5	9.32	864.26	865.21	865.34	865.79	0.056406	3.35			2.78	3.89	1.27
Unico	73.84	Max WS	Tr30_D1	10.18	864.26	865.26	865.40	865.86	0.056548	3.44			2.96	3.96	1.27
Unico	73.84	Max WS	Tr30_D2	9.56	864.26	865.23	865.36	865.81	0.056437	3.38			2.83	3.91	1.27
Unico	71.51			Lat Struct											
Unico	71.5			Lat Struct											
Unico	70	Max WS	Tr30_D0.5	9.49	858.37	860.21	860.13	860.53	0.026589	2.57		0.91	3.91	5.38	0.83
Unico	70	Max WS	Tr30_D1	10.38	858.37	860.26	860.20	860.60	0.027029	2.65		0.99	4.19	5.69	0.85
Unico	70	Max WS	Tr30_D2	9.79	858.37	860.22	860.15	860.56	0.026725	2.60		0.94	4.01	5.48	0.84

HEC-RAS River: Fosso del Molino Reach: Unico Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Unico	60	Max WS	Tr30_D0.5	8.66	857.98	859.10	859.38	859.89	0.085102	3.95	0.82		2.24	3.46	1.38
Unico	60	Max WS	Tr30_D1	9.27	857.98	859.13	859.43	859.97	0.086821	4.06	0.94		2.35	3.66	1.39
Unico	60	Max WS	Tr30_D2	8.87	857.98	859.11	859.40	859.92	0.085820	3.99	0.86		2.28	3.53	1.38
Unico	50	Max WS	Tr30_D0.5	7.26	856.58	857.42	857.57	857.92	0.116400	3.57	1.82	0.23	2.64	9.88	1.77
Unico	50	Max WS	Tr30_D1	7.95	856.58	857.44	857.59	857.95	0.112380	3.63	1.91	0.23	2.85	9.88	1.75
Unico	50	Max WS	Tr30_D2	7.51	856.58	857.43	857.57	857.93	0.114700	3.59	1.85	0.23	2.72	9.88	1.76
Unico	40	Max WS	Tr30_D0.5	9.49	852.42	853.33	853.57	854.06	0.103116	3.78			2.51	5.21	1.74
Unico	40	Max WS	Tr30_D1	10.37	852.42	853.36	853.61	854.12	0.103650	3.85			2.70	5.48	1.75
Unico	40	Max WS	Tr30_D2	9.95	852.42	853.34	853.59	854.09	0.103575	3.82			2.61	5.35	1.75

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "FOSSO DELLE MOTTE"

F. DELLE MOTTE

MODELLAZIONE PER TR=30 e 200 ANNI

DURATA DI PIOGGIA: 0.5, 1 e 2 h

Profilo longitudinale

Sezioni Trasversali

Dati idraulici

ALLEGATI

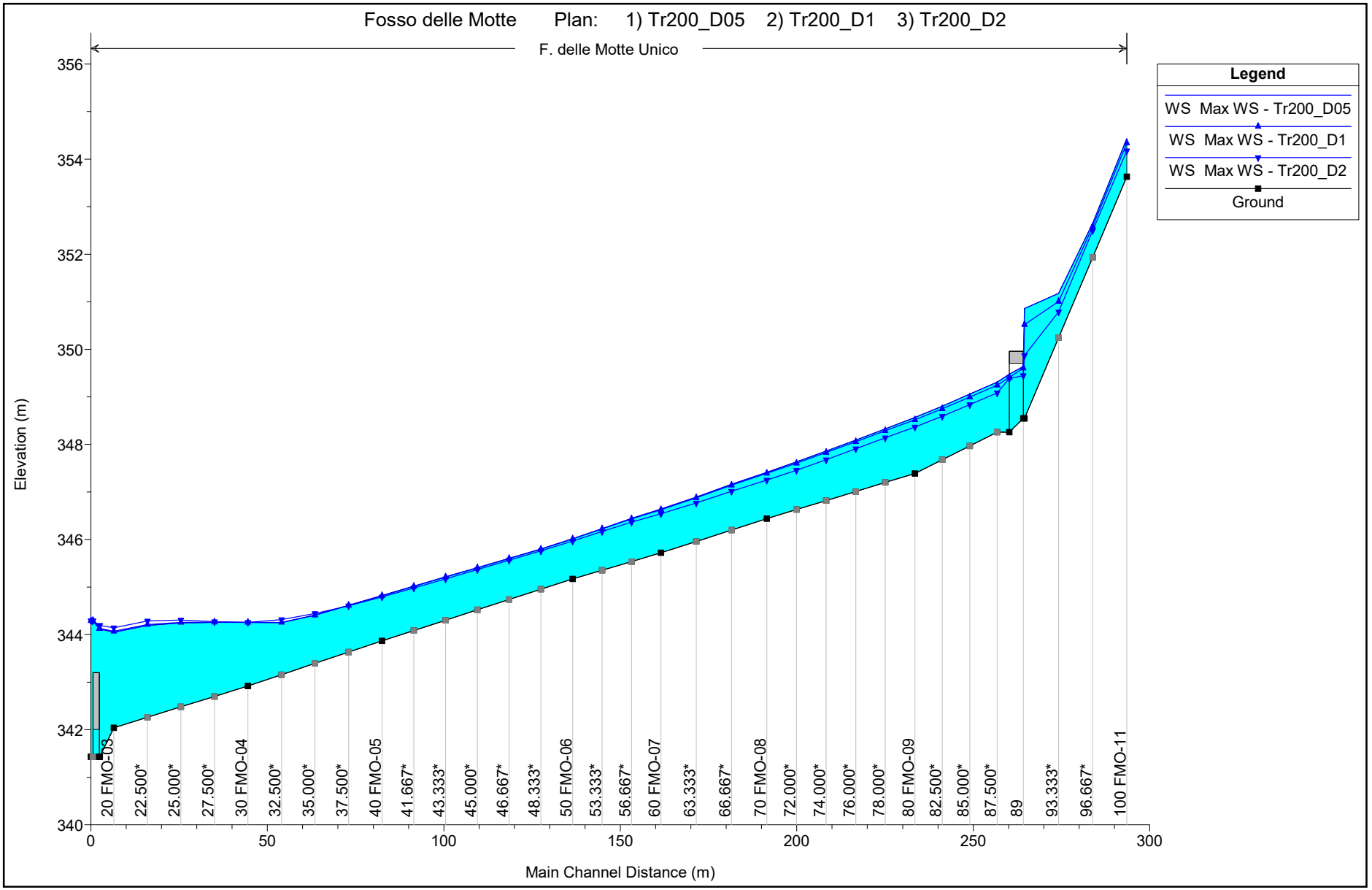
MODELLAZIONE HEC-RAS 5.0.7 "FOSSO DELLE MOTTE"

F. DELLE MOTTE

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 0.5, 1 e 2 h

Profilo longitudinale


Fosso delle Motte Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
F. delle Motte Unico
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
WS Max WS - Tr200_D2
Ground
Elevation (m)
Main Channel Distance (m)
356
354
352
350
348
346
344
342
340
0
50
100
150
200
250
300
20 FMO-03
22.500*
25.000*
27.500*
30 FMO-04
32.500*
35.000*
37.500*
40 FMO-05
41.667*
43.333*
45.000*
46.667*
48.333*
50 FMO-06
53.333*
56.667*
60 FMO-07
63.333*
66.667*
70 FMO-08
72.000*
74.000*
76.000*
78.000*
80 FMO-09
82.500*
85.000*
87.500*
89
93.333*
96.667*
100 FMO-11

ALLEGATI

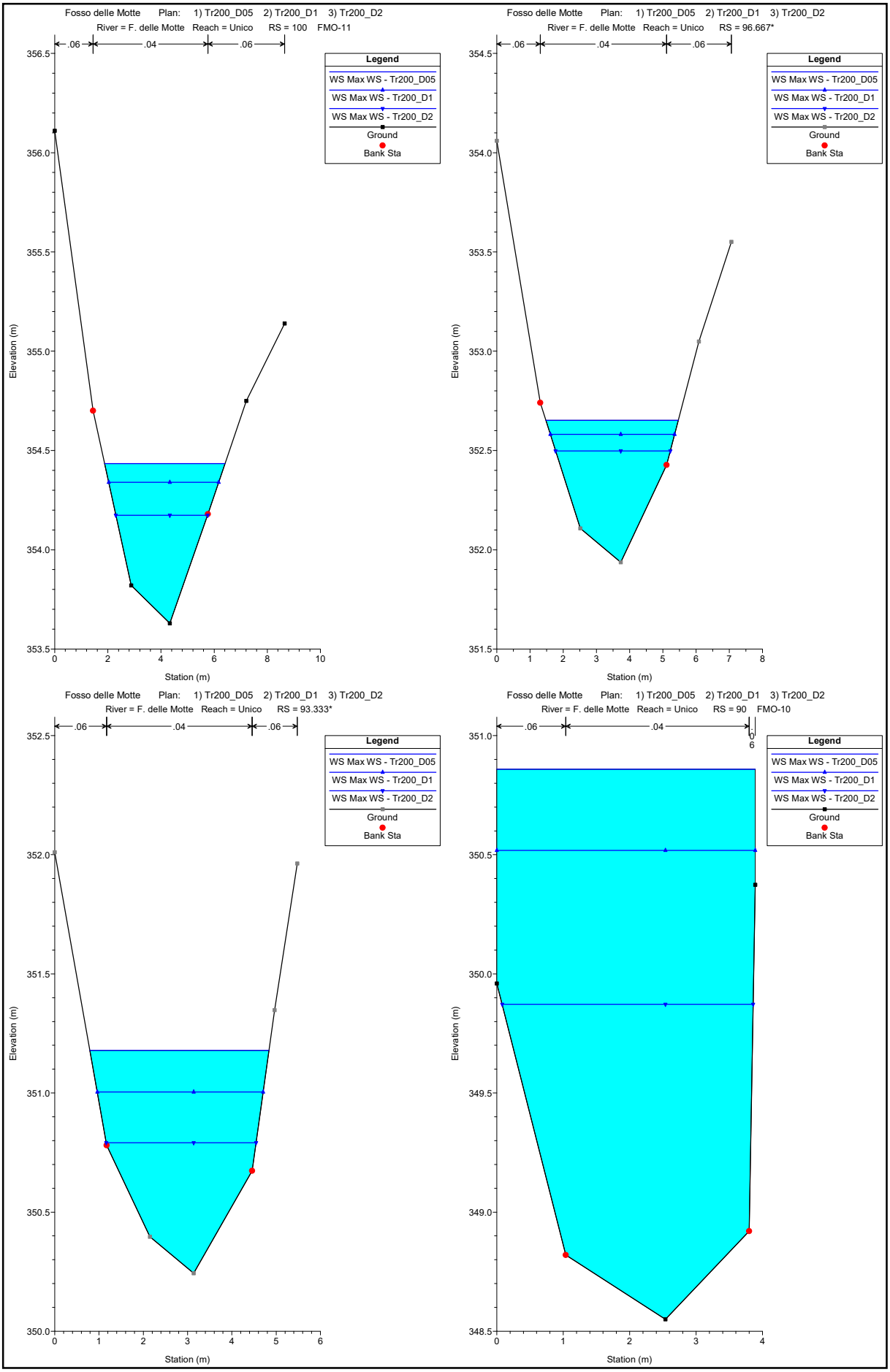
MODELLAZIONE HEC-RAS 5.0.7 "FOSSO DELLE MOTTE"

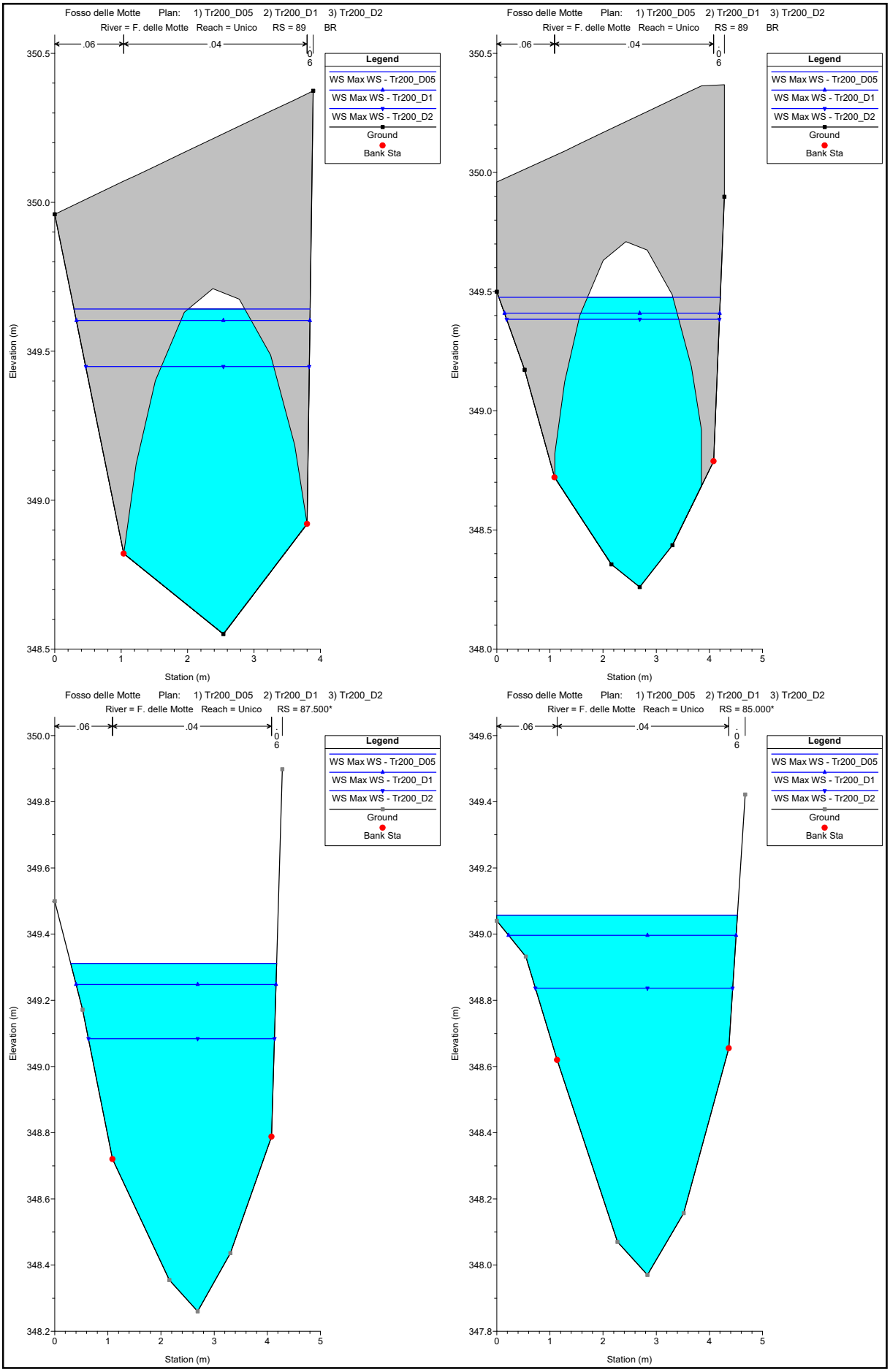
F. DELLE MOTTE

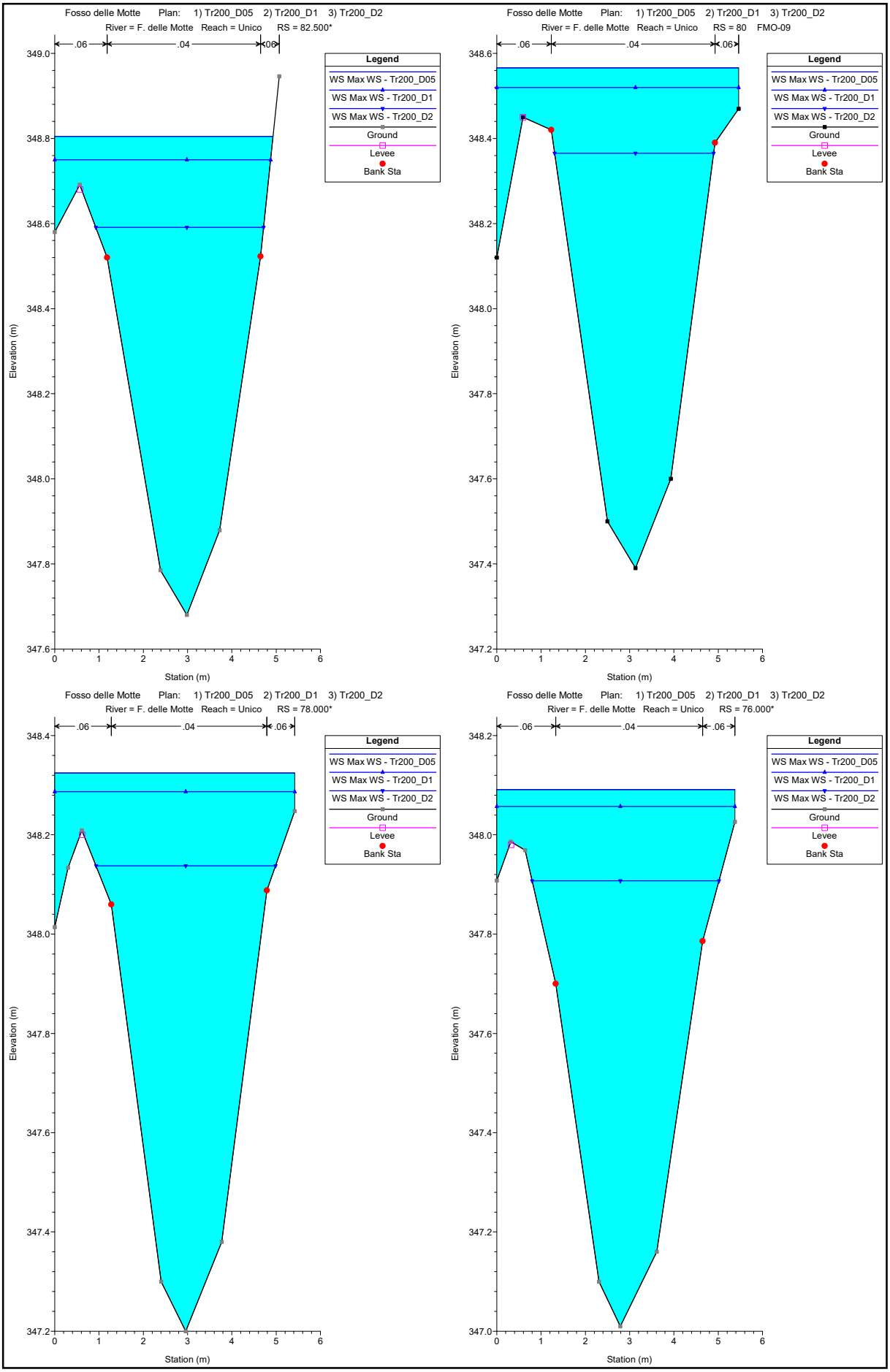
MODELLAZIONE PER TR= 200 anni

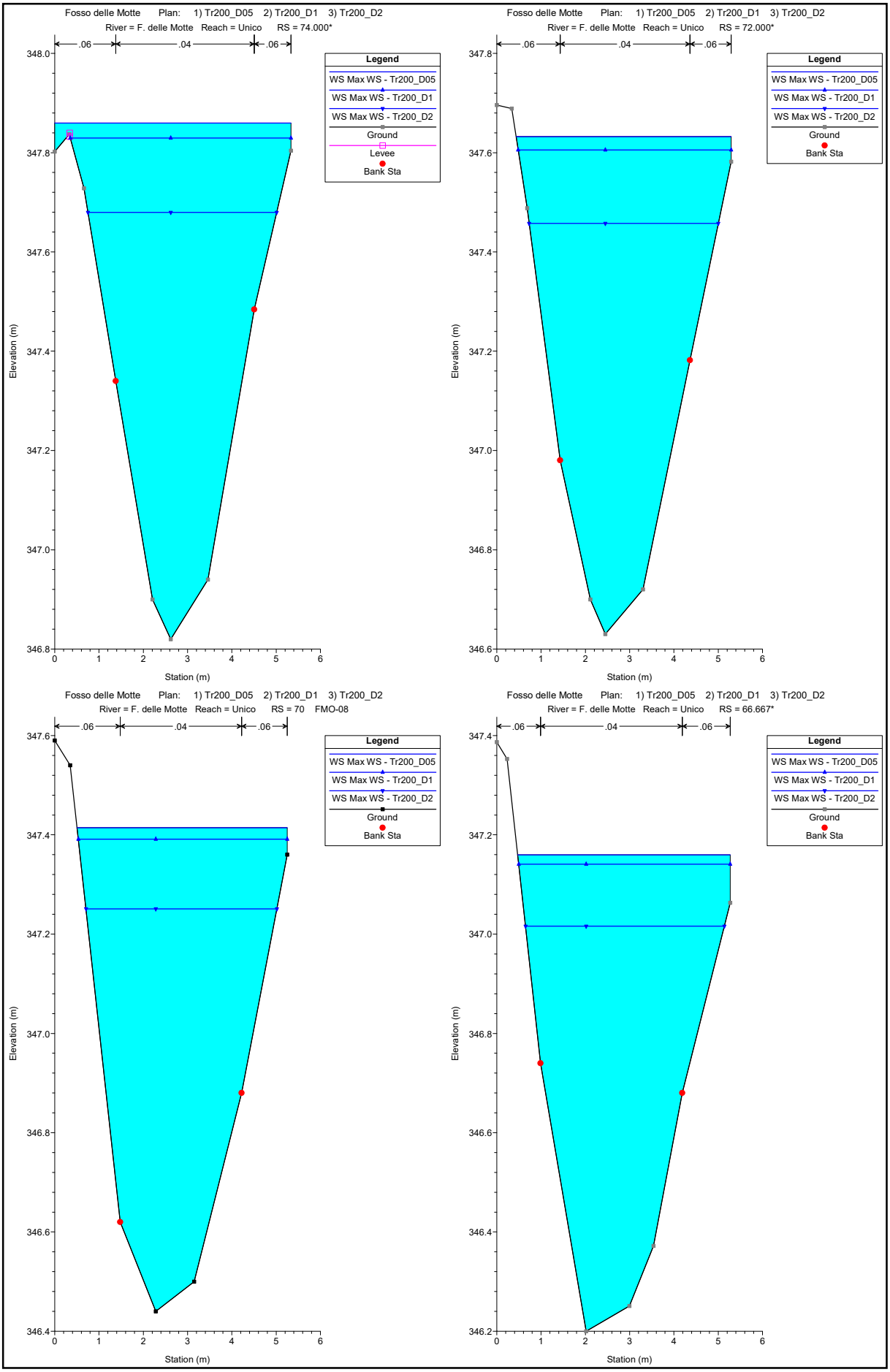
DURATE DI PIOGGIA: 0.5, 1 e 2 h

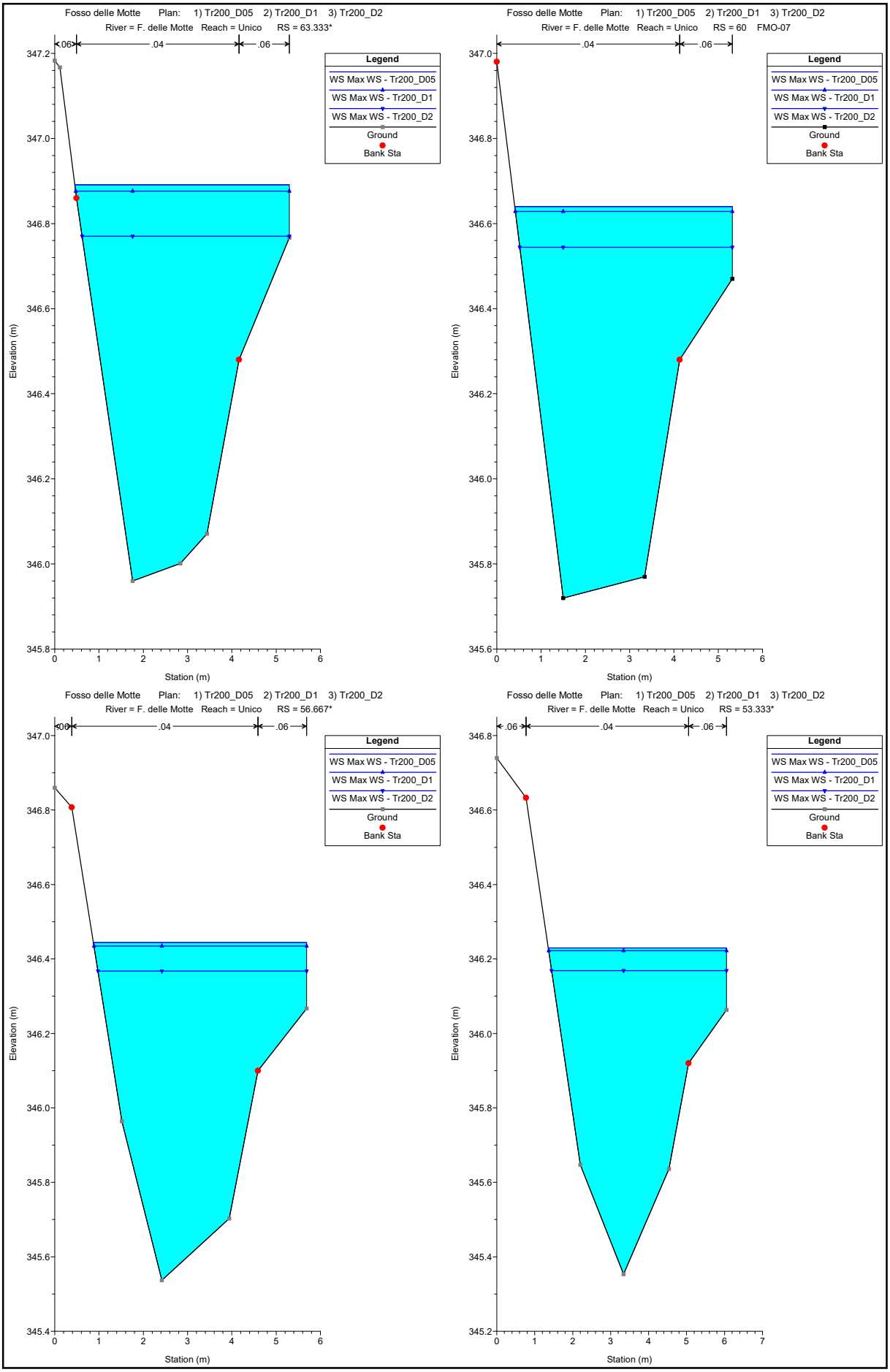
Sezioni Trasversali (da monte verso valle)

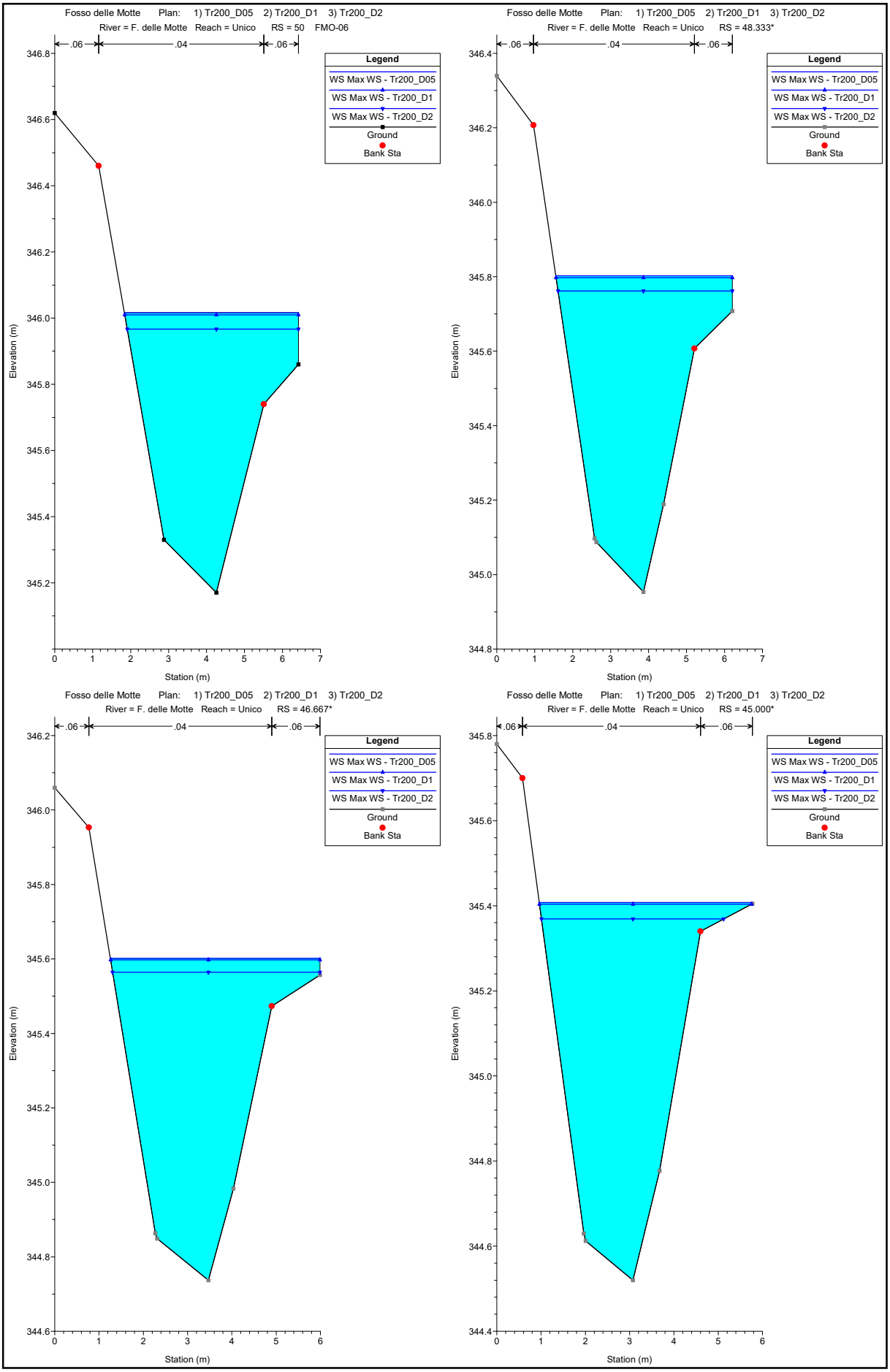

Fosso delle Motte Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
River = F. delle Motte Reach = Unico RS = 100 FMO-11
.06
.04
.06
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso delle Motte Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
River = F. delle Motte Reach = Unico RS = 96.667*
.06
.04
.06
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso delle Motte Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
River = F. delle Motte Reach = Unico RS = 93.333*
.06
.04
.06
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso delle Motte Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
River = F. delle Motte Reach = Unico RS = 90 FMO-10
.06
.04
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

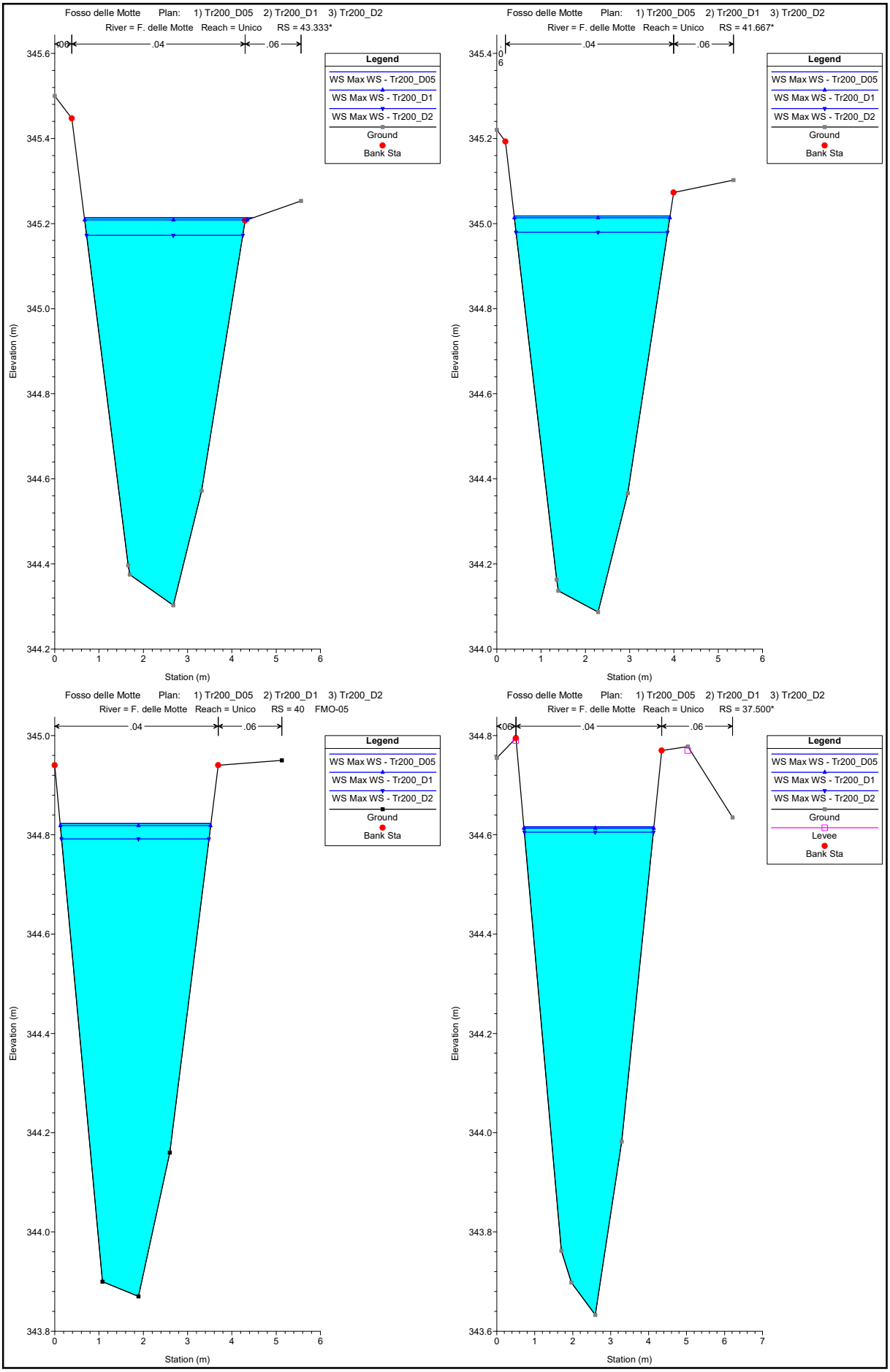

Fosso delle Motte Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
River = F. delle Motte Reach = Unico RS = 89 BR
.06
.04
.06
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso delle Motte Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
River = F. delle Motte Reach = Unico RS = 89 BR
.06
.04
.06
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso delle Motte Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
River = F. delle Motte Reach = Unico RS = 87.500*
.06
.04
.06
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso delle Motte Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
River = F. delle Motte Reach = Unico RS = 85.000*
.06
.04
.06
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

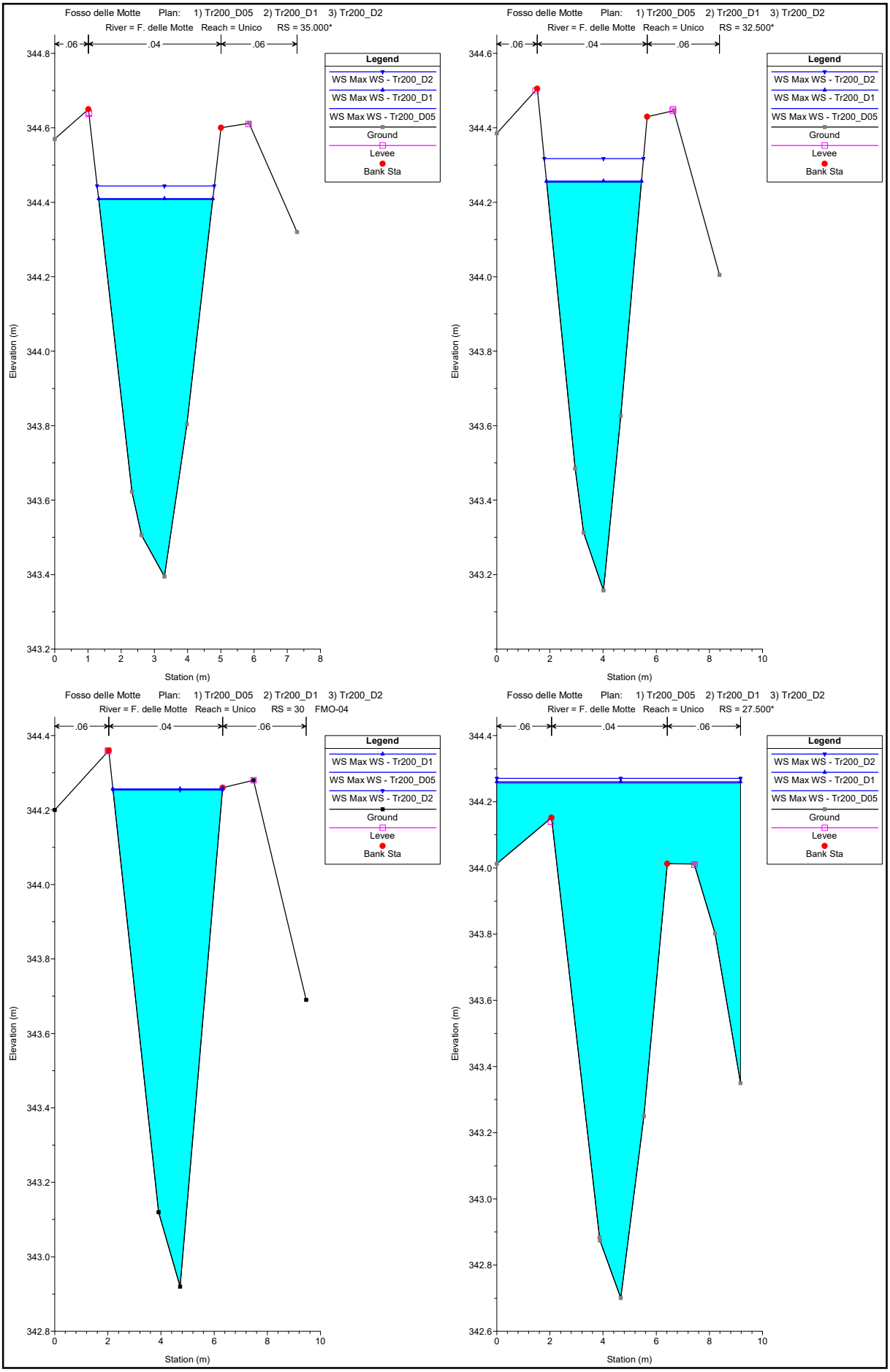

Fosso delle Motte Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
River = F. delle Motte Reach = Unico RS = 82.500*
.06
.04
.06
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
WS Max WS - Tr200_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Fosso delle Motte Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
River = F. delle Motte Reach = Unico RS = 80 FMO-09
.06
.04
.06
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
WS Max WS - Tr200_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Fosso delle Motte Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
River = F. delle Motte Reach = Unico RS = 78.000*
.06
.04
.06
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
WS Max WS - Tr200_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Fosso delle Motte Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
River = F. delle Motte Reach = Unico RS = 76.000*
.06
.04
.06
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
WS Max WS - Tr200_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)

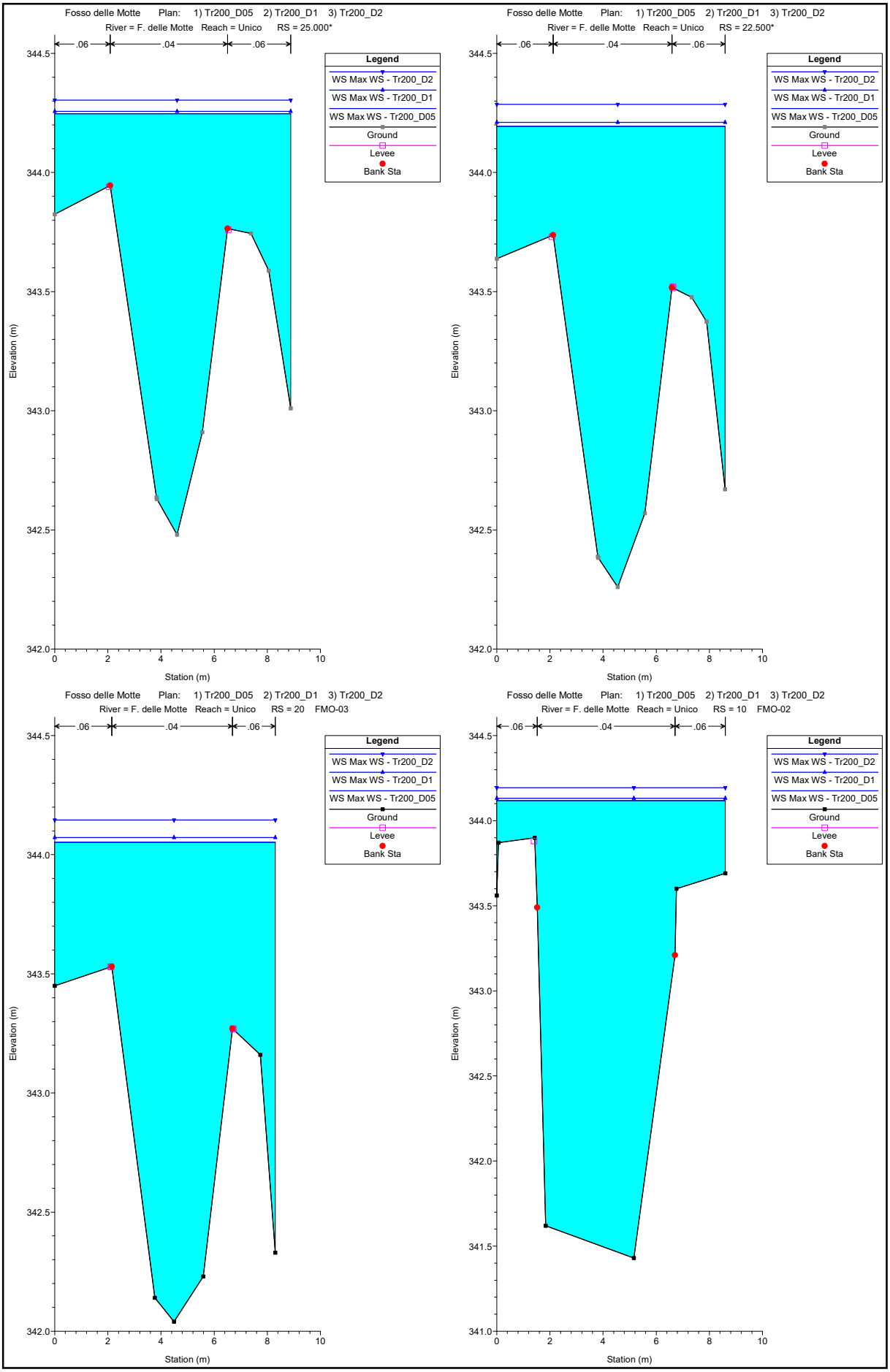

Fosso delle Motte Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
River = F. delle Motte Reach = Unico RS = 74.000*
.06
.04
.06
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
WS Max WS - Tr200_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Fosso delle Motte Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
River = F. delle Motte Reach = Unico RS = 72.000*
Fosso delle Motte Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
River = F. delle Motte Reach = Unico RS = 70 FMO-08
Fosso delle Motte Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
River = F. delle Motte Reach = Unico RS = 66.667*

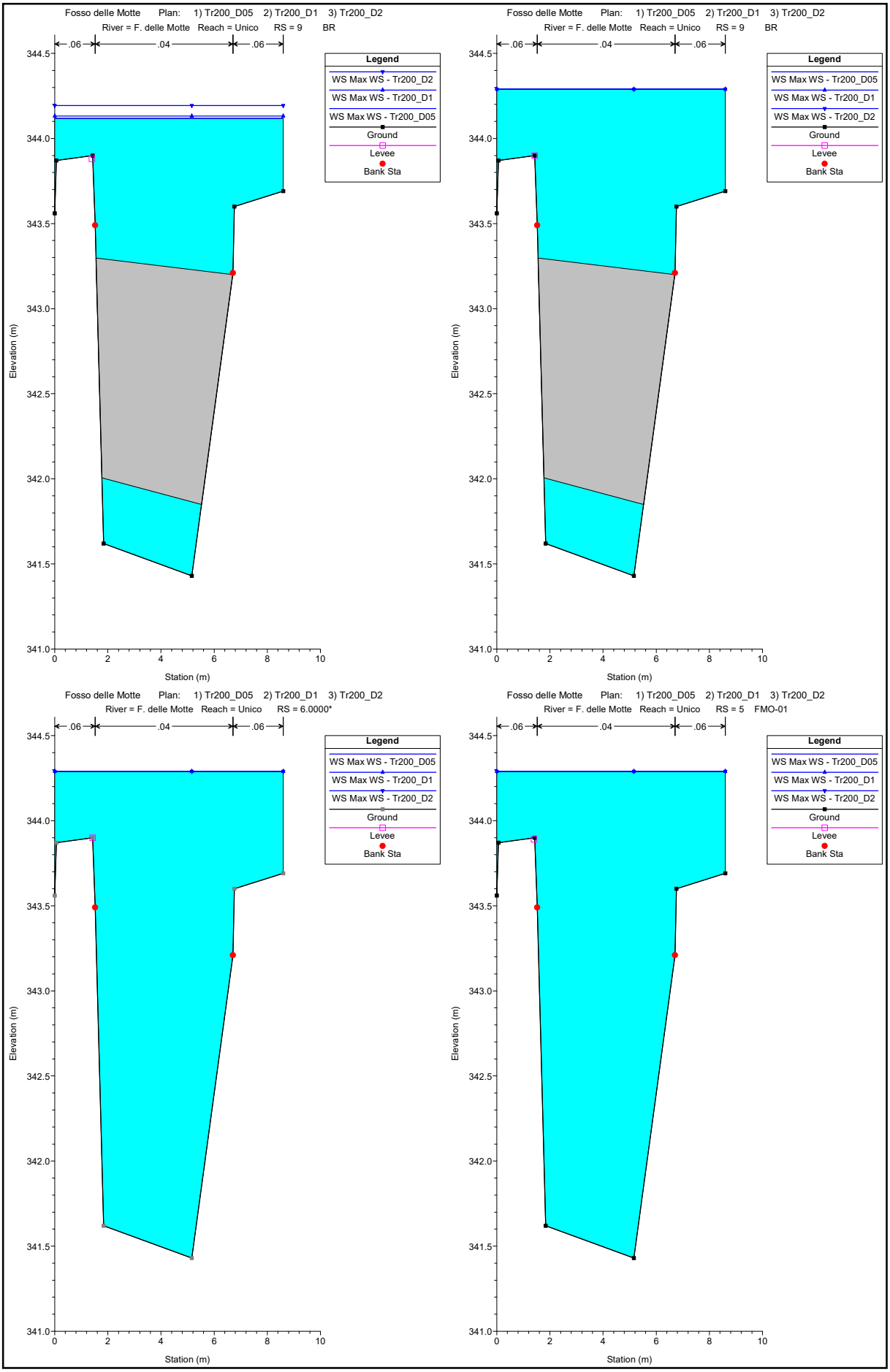

Fosso delle Motte Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
River = F. delle Motte Reach = Unico RS = 63.333*
.06
.04
.06
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso delle Motte Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
River = F. delle Motte Reach = Unico RS = 60 FMO-07
.04
.06
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso delle Motte Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
River = F. delle Motte Reach = Unico RS = 56.667*
.00
.04
.06
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso delle Motte Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
River = F. delle Motte Reach = Unico RS = 53.333*
.06
.04
.06
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Fosso delle Motte Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
River = F. delle Motte Reach = Unico RS = 50 FMO-06
.06
.04
.06
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso delle Motte Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
River = F. delle Motte Reach = Unico RS = 48.333*
.06
.04
.06
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso delle Motte Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
River = F. delle Motte Reach = Unico RS = 46.667*
.06
.04
.06
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso delle Motte Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
River = F. delle Motte Reach = Unico RS = 45.000*
.06
.04
.06
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Fosso delle Motte Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
River = F. delle Motte Reach = Unico RS = 43.333*
.06
.04
.06
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso delle Motte Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
River = F. delle Motte Reach = Unico RS = 41.667*
.06
.04
.06
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso delle Motte Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
River = F. delle Motte Reach = Unico RS = 40 FMO-05
.04
.06
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso delle Motte Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
River = F. delle Motte Reach = Unico RS = 37.500*
.06
.04
.06
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
WS Max WS - Tr200_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)


Fosso delle Motte Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
River = F. delle Motte Reach = Unico RS = 35.000*
.06
.04
.06
Legend
WS Max WS - Tr200_D2
WS Max WS - Tr200_D1
WS Max WS - Tr200_D05
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Fosso delle Motte Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
River = F. delle Motte Reach = Unico RS = 32.500*
.06
.04
.06
Legend
WS Max WS - Tr200_D2
WS Max WS - Tr200_D1
WS Max WS - Tr200_D05
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Fosso delle Motte Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
River = F. delle Motte Reach = Unico RS = 30 FMO-04
.06
.04
.06
Legend
WS Max WS - Tr200_D1
WS Max WS - Tr200_D05
WS Max WS - Tr200_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Fosso delle Motte Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
River = F. delle Motte Reach = Unico RS = 27.500*
.06
.04
.06
Legend
WS Max WS - Tr200_D2
WS Max WS - Tr200_D1
WS Max WS - Tr200_D05
Ground
Levee
Bank Sta
Elevation (m)
Station (m)


Fosso delle Motte Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
River = F. delle Motte Reach = Unico RS = 25.000*
.06
.04
.06
Legend
WS Max WS - Tr200_D2
WS Max WS - Tr200_D1
WS Max WS - Tr200_D05
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Fosso delle Motte Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
River = F. delle Motte Reach = Unico RS = 22.500*
Fosso delle Motte Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
River = F. delle Motte Reach = Unico RS = 20 FMO-03
Fosso delle Motte Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
River = F. delle Motte Reach = Unico RS = 10 FMO-02


Fosso delle Motte Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
River = F. delle Motte Reach = Unico RS = 9 BR
.06
.04
.06
Legend
WS Max WS - Tr200_D2
WS Max WS - Tr200_D1
WS Max WS - Tr200_D05
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Fosso delle Motte Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
River = F. delle Motte Reach = Unico RS = 9 BR
.06
.04
.06
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
WS Max WS - Tr200_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Fosso delle Motte Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
River = F. delle Motte Reach = Unico RS = 6.0000*
.06
.04
.06
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
WS Max WS - Tr200_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Fosso delle Motte Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
River = F. delle Motte Reach = Unico RS = 5 FMO-01
.06
.04
.06
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
WS Max WS - Tr200_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "FOSSO DELLE MOTTE"

F. DELLE MOTTE

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 0.5, 1 e 2 h

Dati idraulici

HEC-RAS River: F. delle Motte Reach: Unico Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Unico	100	Max WS	Tr200_D05	12.10	353.63	354.43	354.88	356.08	0.131124	5.71		1.45	2.18	4.53	2.49
Unico	100	Max WS	Tr200_D1	9.30	353.63	354.34	354.73	355.78	0.138343	5.33		1.09	1.77	4.14	2.50
Unico	100	Max WS	Tr200_D2	5.70	353.63	354.17	354.50	355.45	0.189366	5.00			1.14	3.45	2.78
Unico	99			Lat Struct											
Unico	98			Lat Struct											
Unico	96.667*	Max WS	Tr200_D05	12.09	351.94	352.65	353.21	355.20	0.240962	7.09		1.70	1.74	3.99	3.31
Unico	96.667*	Max WS	Tr200_D1	9.30	351.94	352.58	353.06	354.68	0.231987	6.42		1.30	1.46	3.74	3.19
Unico	96.667*	Max WS	Tr200_D2	5.70	351.94	352.50	352.82	353.73	0.170262	4.91		0.66	1.16	3.45	2.66
Unico	93.333*	Max WS	Tr200_D05	12.06	350.24	351.18	351.56	352.43	0.065244	4.99	1.13	1.21	2.55	4.05	1.87
Unico	93.333*	Max WS	Tr200_D1	9.30	350.24	351.00	351.39	352.33	0.099124	5.12	0.95	1.13	1.87	3.75	2.21
Unico	93.333*	Max WS	Tr200_D2	5.70	350.24	350.79	351.13	352.15	0.193594	5.16	0.18	0.80	1.11	3.38	2.84
Unico	90	Max WS	Tr200_D05	9.95	348.55	350.86	349.78	350.97	0.001448	1.56	0.46	0.09	7.57	3.89	0.34
Unico	90	Max WS	Tr200_D1	8.64	348.55	350.52	349.69	350.64	0.001951	1.61	0.50	0.10	6.25	3.89	0.38
Unico	90	Max WS	Tr200_D2	5.70	348.55	349.87	349.46	350.01	0.003879	1.69	0.52	0.10	3.75	3.78	0.50
Unico	89			Bridge											
Unico	87.500*	Max WS	Tr200_D05	9.95	348.26	349.31	349.51	350.06	0.032964	3.88	1.12	0.39	2.75	3.88	1.36
Unico	87.500*	Max WS	Tr200_D1	8.64	348.26	349.25	349.42	349.92	0.032592	3.66	1.04	0.36	2.50	3.76	1.33
Unico	87.500*	Max WS	Tr200_D2	5.70	348.26	349.08	349.19	349.57	0.032097	3.10	0.81	0.26	1.91	3.50	1.27
Unico	85.000*	Max WS	Tr200_D05	9.95	347.97	349.06	349.23	349.75	0.032800	3.72	0.91	0.54	2.86	4.53	1.32
Unico	85.000*	Max WS	Tr200_D1	8.64	347.97	349.00	349.16	349.62	0.032360	3.51	0.81	0.48	2.59	4.28	1.29
Unico	85.000*	Max WS	Tr200_D2	5.70	347.97	348.84	348.93	349.28	0.031877	2.97	0.62	0.31	1.96	3.71	1.23
Unico	82.500*	Max WS	Tr200_D05	9.95	347.68	348.80	348.97	349.43	0.032356	3.55	0.85	0.64	3.00	4.93	1.27
Unico	82.500*	Max WS	Tr200_D1	8.64	347.68	348.75	348.89	349.31	0.031464	3.34	0.68	0.55	2.73	4.87	1.24
Unico	82.500*	Max WS	Tr200_D2	5.70	347.68	348.59	348.68	349.00	0.031653	2.85	0.31	0.25	2.01	3.79	1.20
Unico	80	Max WS	Tr200_D05	9.79	347.39	348.57	348.68	349.10	0.029320	3.29	0.78	0.67	3.23	5.46	1.19
Unico	80	Max WS	Tr200_D1	8.60	347.39	348.52	348.62	349.00	0.028060	3.09	0.65	0.52	2.97	5.46	1.15
Unico	80	Max WS	Tr200_D2	5.70	347.39	348.37	348.41	348.72	0.026715	2.64			2.16	3.59	1.08
Unico	78.000*	Max WS	Tr200_D05	9.33	347.20	348.32	348.45	348.86	0.028100	3.28	0.80	0.74	3.11	5.42	1.18
Unico	78.000*	Max WS	Tr200_D1	8.43	347.20	348.29	348.40	348.78	0.027419	3.13	0.69	0.63	2.91	5.42	1.16
Unico	78.000*	Max WS	Tr200_D2	5.70	347.20	348.14	348.21	348.51	0.027411	2.70	0.31	0.23	2.13	4.05	1.11
Unico	76.000*	Max WS	Tr200_D05	9.13	347.01	348.09	348.22	348.64	0.027620	3.33	0.83	0.82	3.04	5.38	1.19
Unico	76.000*	Max WS	Tr200_D1	8.37	347.01	348.06	348.18	348.57	0.027240	3.21	0.74	0.73	2.86	5.38	1.17
Unico	76.000*	Max WS	Tr200_D2	5.70	347.01	347.91	347.98	348.30	0.027300	2.78	0.58	0.41	2.11	4.22	1.13
Unico	74.000*	Max WS	Tr200_D05	8.99	346.82	347.86	348.00	348.43	0.027474	3.41	0.86	0.91	2.97	5.33	1.21
Unico	74.000*	Max WS	Tr200_D1	8.33	346.82	347.83	347.96	348.36	0.026977	3.29	0.93	0.83	2.81	4.98	1.19
Unico	74.000*	Max WS	Tr200_D2	5.70	346.82	347.68	347.76	348.09	0.026967	2.85	0.77	0.55	2.12	4.26	1.15
Unico	72.000*	Max WS	Tr200_D05	8.88	346.63	347.63	347.78	348.20	0.026669	3.45	1.12	0.99	2.95	4.86	1.22
Unico	72.000*	Max WS	Tr200_D1	8.29	346.63	347.61	347.75	348.15	0.026264	3.35	1.08	0.93	2.82	4.81	1.20
Unico	72.000*	Max WS	Tr200_D2	5.70	346.63	347.46	347.54	347.87	0.025980	2.90	0.91	0.68	2.15	4.27	1.15
Unico	70	Max WS	Tr200_D05	8.77	346.44	347.41	347.53	347.98	0.025188	3.46	1.21	1.06	3.00	4.75	1.21
Unico	70	Max WS	Tr200_D1	8.25	346.44	347.39	347.51	347.92	0.024706	3.37	1.17	1.01	2.89	4.72	1.19
Unico	70	Max WS	Tr200_D2	5.70	346.44	347.25	347.32	347.65	0.023254	2.88	0.99	0.77	2.25	4.31	1.12
Unico	66.667*	Max WS	Tr200_D05	8.54	346.20	347.16	347.27	347.67	0.025727	3.25	0.80	1.06	2.92	4.80	1.18
Unico	66.667*	Max WS	Tr200_D1	8.11	346.20	347.14	347.24	347.63	0.025346	3.17	0.77	1.02	2.83	4.78	1.16
Unico	66.667*	Max WS	Tr200_D2	5.70	346.20	347.02	347.08	347.39	0.023728	2.73	0.58	0.75	2.24	4.49	1.09
Unico	63.333*	Max WS	Tr200_D05	8.13	345.96	346.89	346.98	347.35	0.027946	3.06	0.15	1.06	2.86	4.84	1.17
Unico	63.333*	Max WS	Tr200_D1	7.79	345.96	346.88	346.96	347.32	0.027744	3.01	0.09	1.02	2.78	4.82	1.16
Unico	63.333*	Max WS	Tr200_D2	5.70	345.96	346.77	346.83	347.12	0.025445	2.64		0.72	2.28	4.68	1.09
Unico	60	Max WS	Tr200_D05	7.51	345.72	346.64	346.68	347.01	0.022331	2.73		0.93	2.95	4.92	1.04
Unico	60	Max WS	Tr200_D1	7.25	345.72	346.63	346.66	346.99	0.021998	2.69		0.90	2.89	4.90	1.03
Unico	60	Max WS	Tr200_D2	5.61	345.72	346.54	346.55	346.83	0.019739	2.39		0.68	2.49	4.80	0.96
Unico	56.667*	Max WS	Tr200_D05	6.84	345.54	346.44	346.50	346.82	0.024884	2.75		0.96	2.67	4.81	1.10
Unico	56.667*	Max WS	Tr200_D1	6.65	345.54	346.43	346.48	346.80	0.024621	2.72		0.94	2.63	4.80	1.09
Unico	56.667*	Max WS	Tr200_D2	5.37	345.54	346.37	346.40	346.67	0.022780	2.48		0.76	2.31	4.71	1.04
Unico	53.333*	Max WS	Tr200_D05	6.19	345.35	346.23	346.29	346.60	0.026668	2.72		0.94	2.43	4.70	1.13
Unico	53.333*	Max WS	Tr200_D1	6.04	345.35	346.22	346.28	346.58	0.026472	2.70		0.92	2.39	4.69	1.12
Unico	53.333*	Max WS	Tr200_D2	5.07	345.35	346.17	346.21	346.48	0.025074	2.50		0.77	2.15	4.61	1.08
Unico	50	Max WS	Tr200_D05	5.60	345.17	346.02	346.06	346.34	0.024747	2.57		0.85	2.31	4.58	1.08
Unico	50	Max WS	Tr200_D1	5.49	345.17	346.01	346.05	346.33	0.024596	2.55		0.83	2.28	4.57	1.08
Unico	50	Max WS	Tr200_D2	4.75	345.17	345.97	346.00	346.25	0.023501	2.39		0.72	2.09	4.51	1.04
Unico	48.333*	Max WS	Tr200_D05	5.16	344.95	345.80	345.83	346.10	0.022875	2.43		0.65	2.23	4.65	1.03
Unico	48.333*	Max WS	Tr200_D1	5.08	344.95	345.80	345.82	346.09	0.022775	2.42		0.64	2.20	4.64	1.03
Unico	48.333*	Max WS	Tr200_D2	4.52	344.95	345.76	345.78	346.03	0.022175	2.31		0.53	2.04	4.59	1.00
Unico	46.667*	Max WS	Tr200_D05	4.97	344.74	345.60	345.62	345.88	0.021779	2.36		0.47	2.18	4.74	1.00
Unico	46.667*	Max WS	Tr200_D1	4.91	344.74	345.60	345.61	345.88	0.021746	2.35		0.45	2.16	4.73	1.00
Unico	46.667*	Max WS	Tr200_D2	4.46	344.74	345.56	345.58	345.83	0.021729	2.28		0.33	2.01	4.68	0.99
Unico	45.000*	Max WS	Tr200_D05	4.93	344.52	345.41	345.42	345.69	0.021516	2.34		0.26	2.14	4.82	0.98
Unico	45.000*	Max WS	Tr200_D1	4.88	344.52	345.40	345.41	345.68	0.021510	2.33		0.25	2.13	4.78	0.98
Unico	45.000*	Max WS	Tr200_D2	4.46	344.52	345.37	345.36	345.63	0.021810	2.27		0.15	1.97	4.11	0.98
Unico	43.333*	Max WS	Tr200_D05	4.93	344.30	345.21	345.20	345.49	0.021785	2.34		0.05	2.11	3.80	0.98
Unico	43.333*	Max WS	Tr200_D1	4.88	344.30	345.21	345.19	345.49	0.021832	2.33		0.02	2.09	3.67	0.98
Unico	43.333*	Max WS	Tr200_D2	4.46	344.30	345.17	345.16	345.44	0.021760	2.28			1.96	3.52	0.97
Unico	41.667*	Max WS	Tr200_D05	4.93	344.09	345.02	345.00	345.30	0.021676	2.35			2.10	3.52	0.97
Unico	41.667*	Max WS	Tr200_D1	4.88	344.09	345.01	345.00	345.29	0.021653	2.34			2.08	3.51	0.97
Unico	41.667*	Max WS	Tr200_D2	4.46	344.09	344.98	344.96	345.24	0.021235	2.27			1.96	3.42	0.96
Unico	40	Max WS	Tr200_D05	4.93	343.87	344.82	344.80	345.11	0.021779	2.37			2.08	3.40	0.97
Unico	40	Max WS	Tr200_D1	4.88	343.87	344.82	344.80	345.10	0.021714	2.36			2.07	3.39	0.97
Unico	40	Max WS	Tr200_D2	4.46	343.87	344.79		345.05	0.020503	2.26			1.98	3.33	0.94

HEC-RAS River: F. delle Motte Reach: Unico Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Unico	37.500*	Max WS	Tr200_D05	4.93	343.63	344.62	344.60	344.90	0.021709	2.37			2.08	3.43	0.97
Unico	37.500*	Max WS	Tr200_D1	4.88	343.63	344.61	344.60	344.89	0.021479	2.35			2.07	3.42	0.96
Unico	37.500*	Max WS	Tr200_D2	4.46	343.63	344.61		344.85	0.018621	2.18			2.05	3.40	0.90
Unico	35.000*	Max WS	Tr200_D05	4.93	343.40	344.41	344.40	344.70	0.022000	2.37			2.08	3.43	0.97
Unico	35.000*	Max WS	Tr200_D1	4.87	343.40	344.41	344.39	344.69	0.021320	2.34			2.08	3.44	0.96
Unico	35.000*	Max WS	Tr200_D2	4.46	343.40	344.44		344.65	0.015416	2.03			2.20	3.53	0.82
Unico	32.500*	Max WS	Tr200_D05	0.53	343.16	344.25		344.26	0.000209	0.24			2.25	3.57	0.10
Unico	32.500*	Max WS	Tr200_D1	0.86	343.16	344.26		344.26	0.000530	0.38			2.26	3.58	0.15
Unico	32.500*	Max WS	Tr200_D2	4.46	343.16	344.32		344.48	0.011240	1.79			2.49	3.74	0.70
Unico	30	Max WS	Tr200_D05	0.53	342.92	344.25		344.26	0.000095	0.18			3.04	4.12	0.07
Unico	30	Max WS	Tr200_D1	0.87	342.92	344.26		344.26	0.000250	0.29			3.05	4.13	0.11
Unico	30	Max WS	Tr200_D2	4.45	342.92	344.25		344.36	0.006632	1.47			3.04	4.12	0.55
Unico	27.500*	Max WS	Tr200_D05	0.10	342.70	344.26		344.26	0.000001	0.02	0.00	0.01	5.71	9.17	0.01
Unico	27.500*	Max WS	Tr200_D1	0.42	342.70	344.26		344.26	0.000017	0.09	0.02	0.03	5.75	9.17	0.03
Unico	27.500*	Max WS	Tr200_D2	4.06	342.70	344.27		344.30	0.001537	0.85	0.20	0.30	5.84	9.17	0.28
Unico	25.000*	Max WS	Tr200_D05	-2.10	342.48	344.25		344.25	0.000187	-0.34	-0.10	-0.13	7.67	8.88	0.10
Unico	25.000*	Max WS	Tr200_D1	-1.31	342.48	344.26		344.26	0.000070	-0.21	-0.06	-0.08	7.76	8.88	0.06
Unico	25.000*	Max WS	Tr200_D2	1.69	342.48	344.30		344.31	0.000102	0.26	0.08	0.10	8.18	8.88	0.07
Unico	22.500*	Max WS	Tr200_D05	-6.63	342.26	344.19		344.23	0.001076	-0.91	-0.30	-0.33	9.13	8.59	0.25
Unico	22.500*	Max WS	Tr200_D1	-5.96	342.26	344.21		344.24	0.000831	-0.81	-0.27	-0.29	9.28	8.59	0.22
Unico	22.500*	Max WS	Tr200_D2	-3.99	342.26	344.29		344.30	0.000307	-0.51	-0.17	-0.18	9.92	8.59	0.13
Unico	20	Max WS	Tr200_D05	-13.57	342.04	344.05		344.19	0.003512	-1.73	-0.57	-0.56	9.75	8.30	0.45
Unico	20	Max WS	Tr200_D1	-13.00	342.04	344.07		344.19	0.003077	-1.63	-0.54	-0.53	9.91	8.30	0.42
Unico	20	Max WS	Tr200_D2	-12.77	342.04	344.15		344.25	0.002505	-1.52	-0.52	-0.49	10.52	8.30	0.38
Unico	10	Max WS	Tr200_D05	-13.58	341.43	344.12		344.18	0.001095	-1.12	-0.15	-0.27	13.18	8.60	0.24
Unico	10	Max WS	Tr200_D1	-13.21	341.43	344.13		344.19	0.001015	-1.08	-0.15	-0.26	13.29	8.60	0.23
Unico	10	Max WS	Tr200_D2	-12.77	341.43	344.19		344.24	0.000859	-1.01	-0.16	-0.26	13.83	8.60	0.21
Unico	9			Bridge											
Unico	6.0000*	Max WS	Tr200_D05	-13.60	341.43	344.29		344.34	0.000843	-1.03	-0.18	-0.28	14.66	8.60	0.21
Unico	6.0000*	Max WS	Tr200_D1	-13.62	341.43	344.29		344.34	0.000844	-1.03	-0.18	-0.28	14.66	8.60	0.21
Unico	6.0000*	Max WS	Tr200_D2	-12.77	341.43	344.29		344.34	0.000743	-0.97	-0.17	-0.26	14.66	8.60	0.20
Unico	5	Max WS	Tr200_D05	-13.60	341.43	344.29	342.64	344.34	0.000843	-1.03	-0.18	-0.28	14.66	8.60	0.21
Unico	5	Max WS	Tr200_D1	-13.62	341.43	344.29	342.64	344.34	0.000844	-1.03	-0.18	-0.28	14.66	8.60	0.21
Unico	5	Max WS	Tr200_D2	-12.77	341.43	344.29	342.59	344.34	0.000743	-0.97	-0.17	-0.26	14.66	8.60	0.20

ALLEGATI

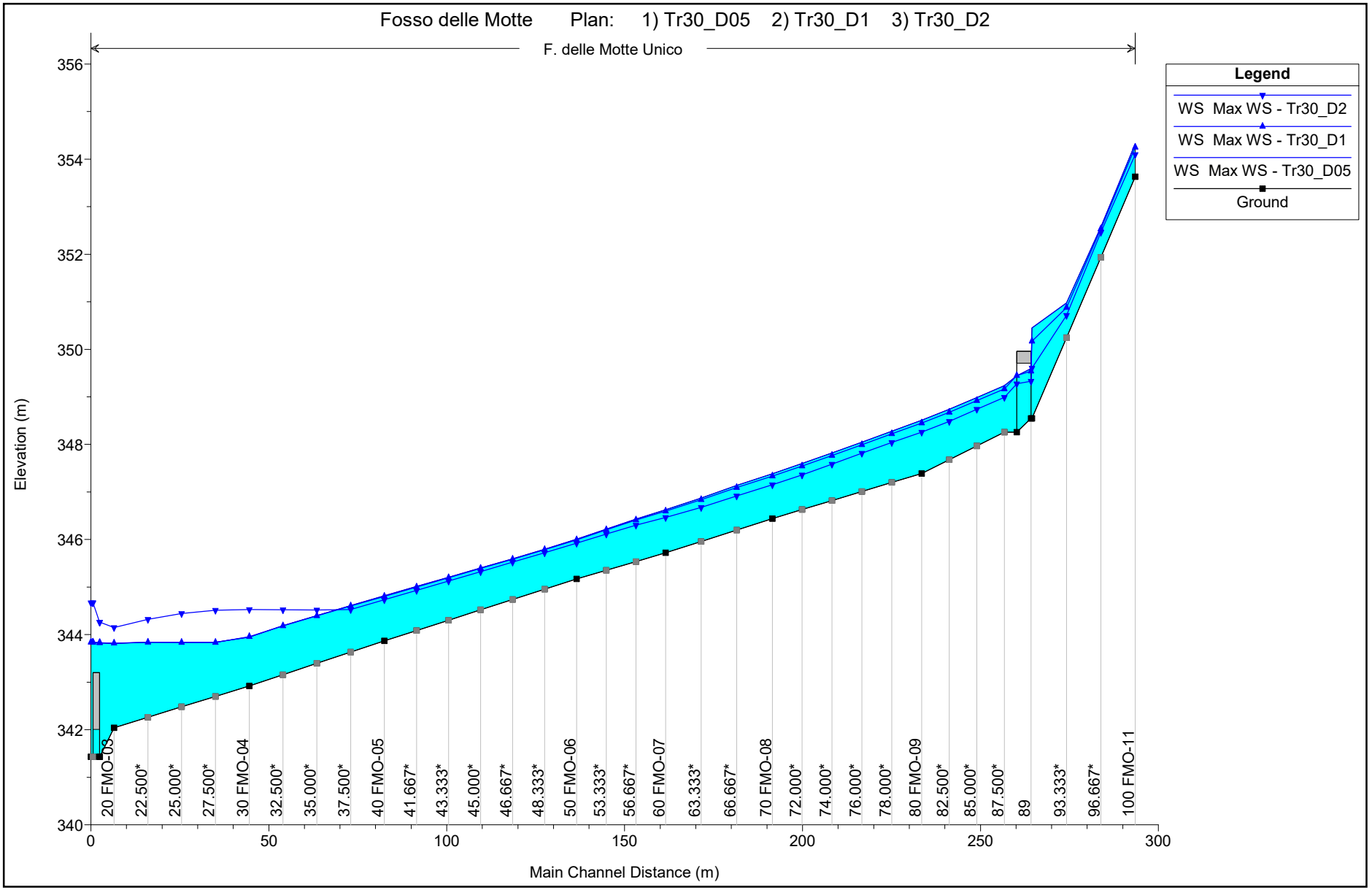
MODELLAZIONE HEC-RAS 5.0.7 "FOSSO DELLE MOTTE"

F. DELLE MOTTE

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 0.5, 1 e 2 h

Profilo longitudinale


Fosso delle Motte Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
F. delle Motte Unico
Legend
WS Max WS - Tr30_D2
WS Max WS - Tr30_D1
WS Max WS - Tr30_D05
Ground
Elevation (m)
Main Channel Distance (m)
356
354
352
350
348
346
344
342
340
0
50
100
150
200
250
300
20 FMO-03
22.500*
25.000*
27.500*
30 FMO-04
32.500*
35.000*
37.500*
40 FMO-05
41.667*
43.333*
45.000*
46.667*
48.333*
50 FMO-06
53.333*
56.667*
60 FMO-07
63.333*
66.667*
70 FMO-08
72.000*
74.000*
76.000*
78.000*
80 FMO-09
82.500*
85.000*
87.500*
89
93.333*
96.667*
100 FMO-11

ALLEGATI

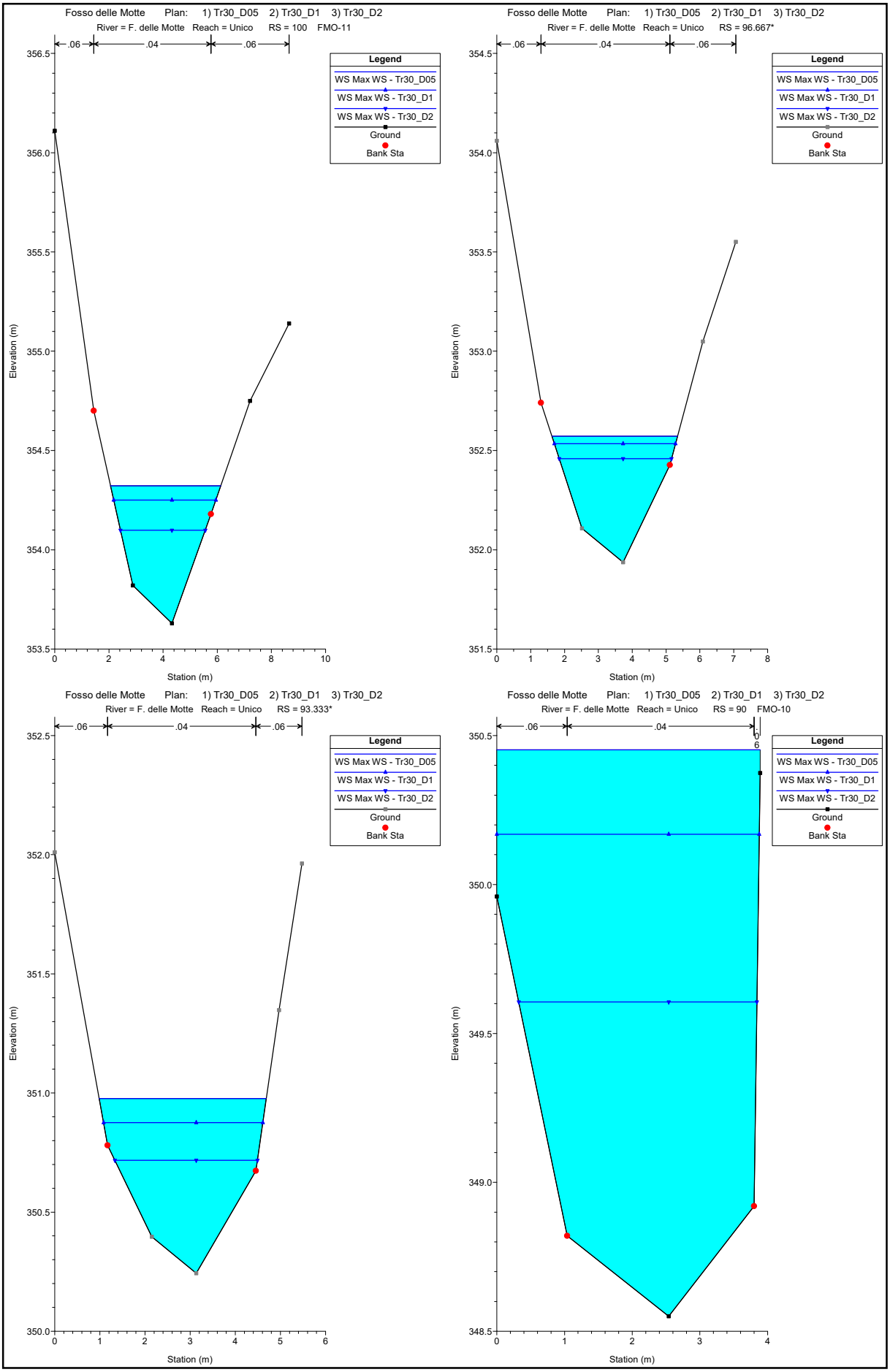
MODELLAZIONE HEC-RAS 5.0.7 "FOSSO DELLE MOTTE"

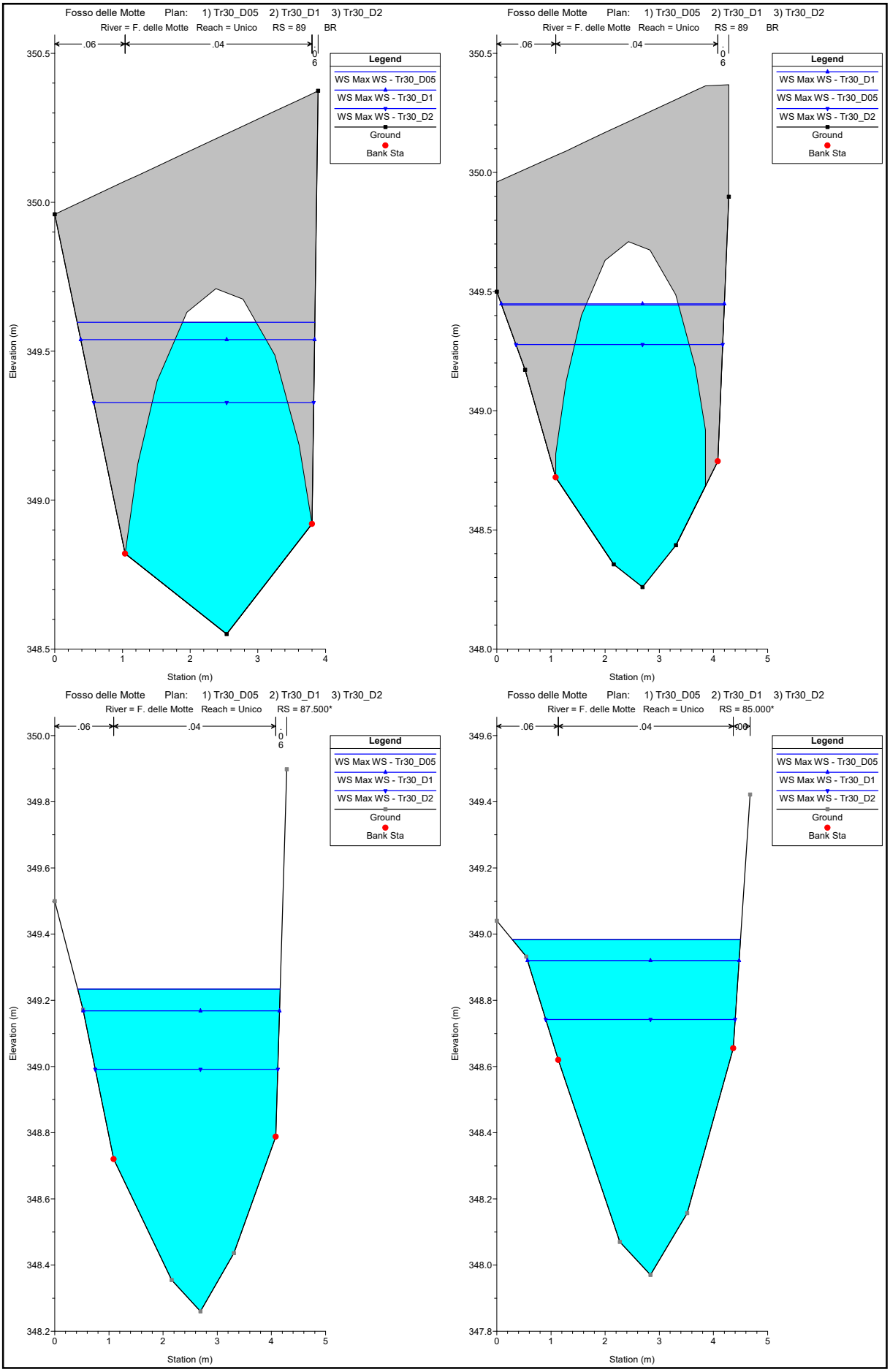
F. DELLE MOTTE

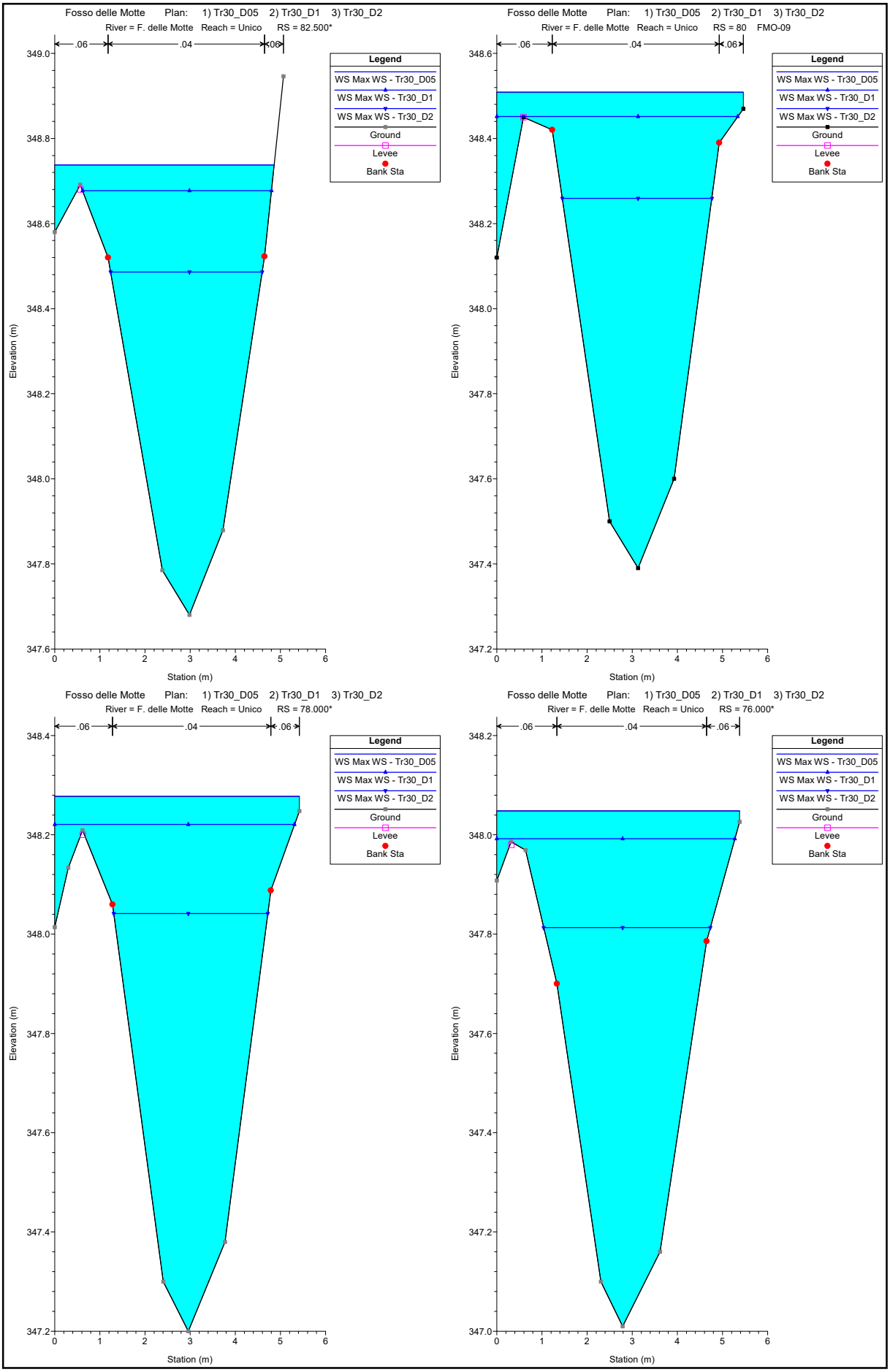
MODELLAZIONE PER TR= 30 anni

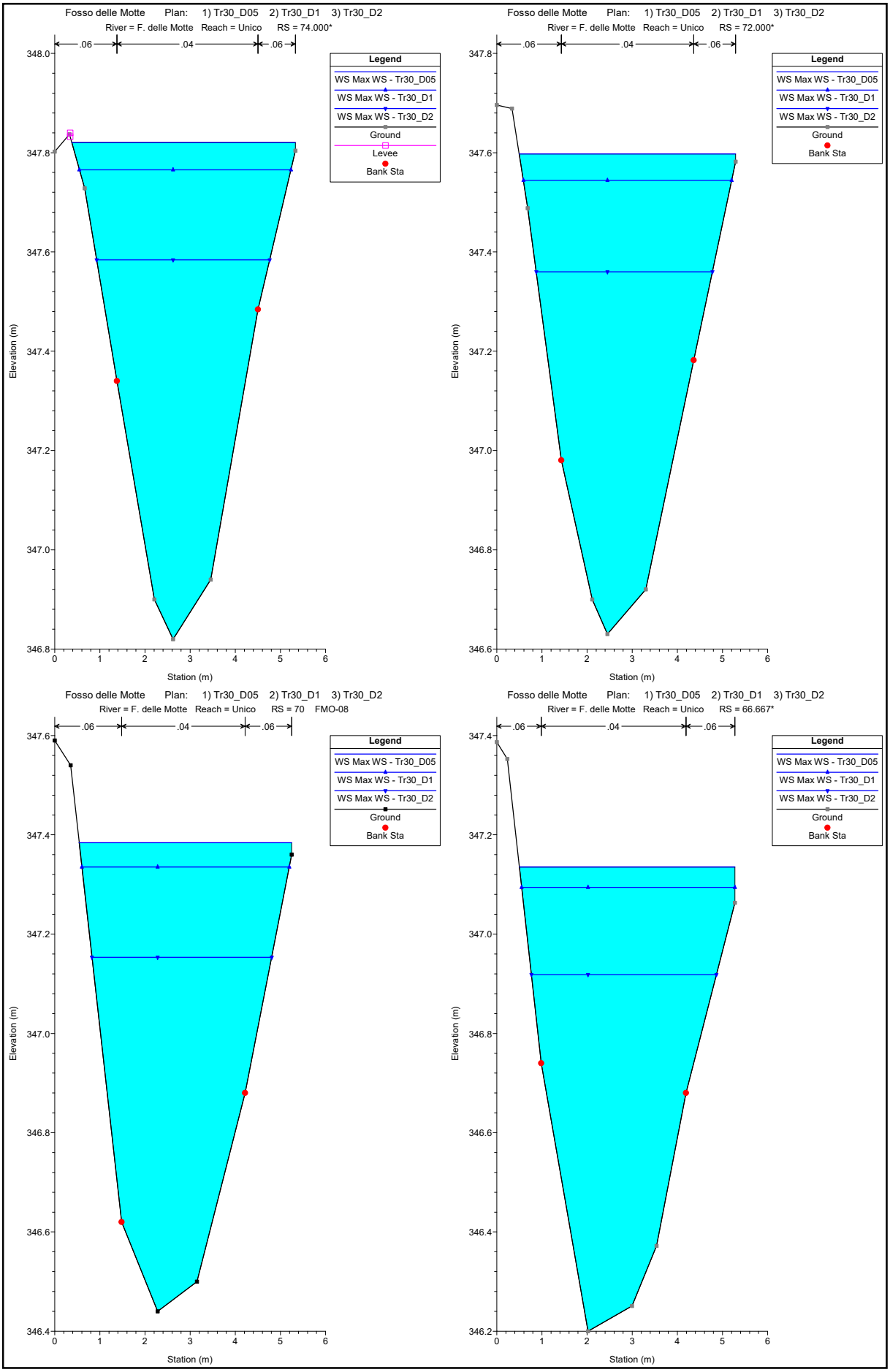
DURATE DI PIOGGIA: 0.5, 1 e 2 h

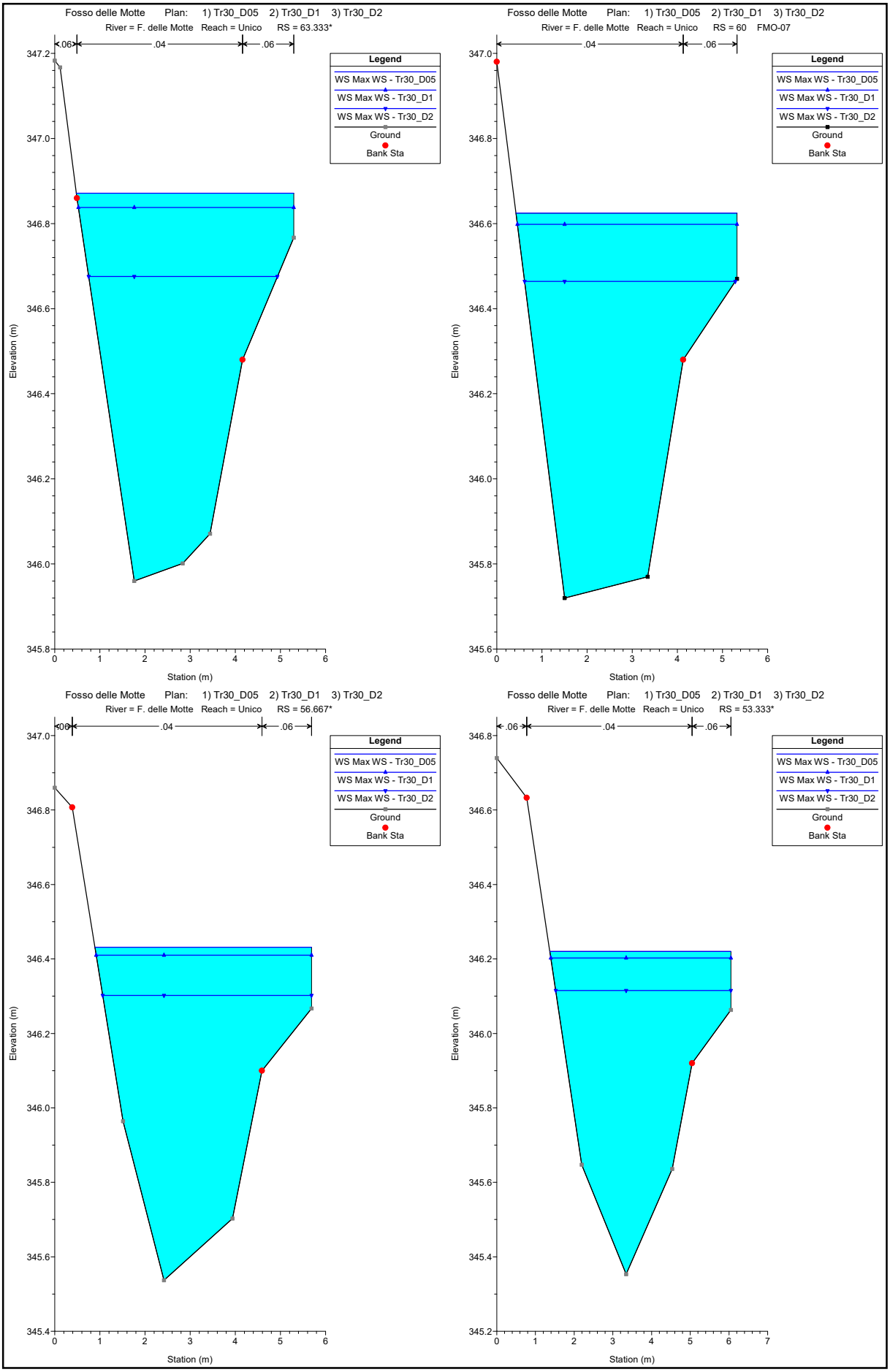
Sezioni Trasversali (da monte verso valle)

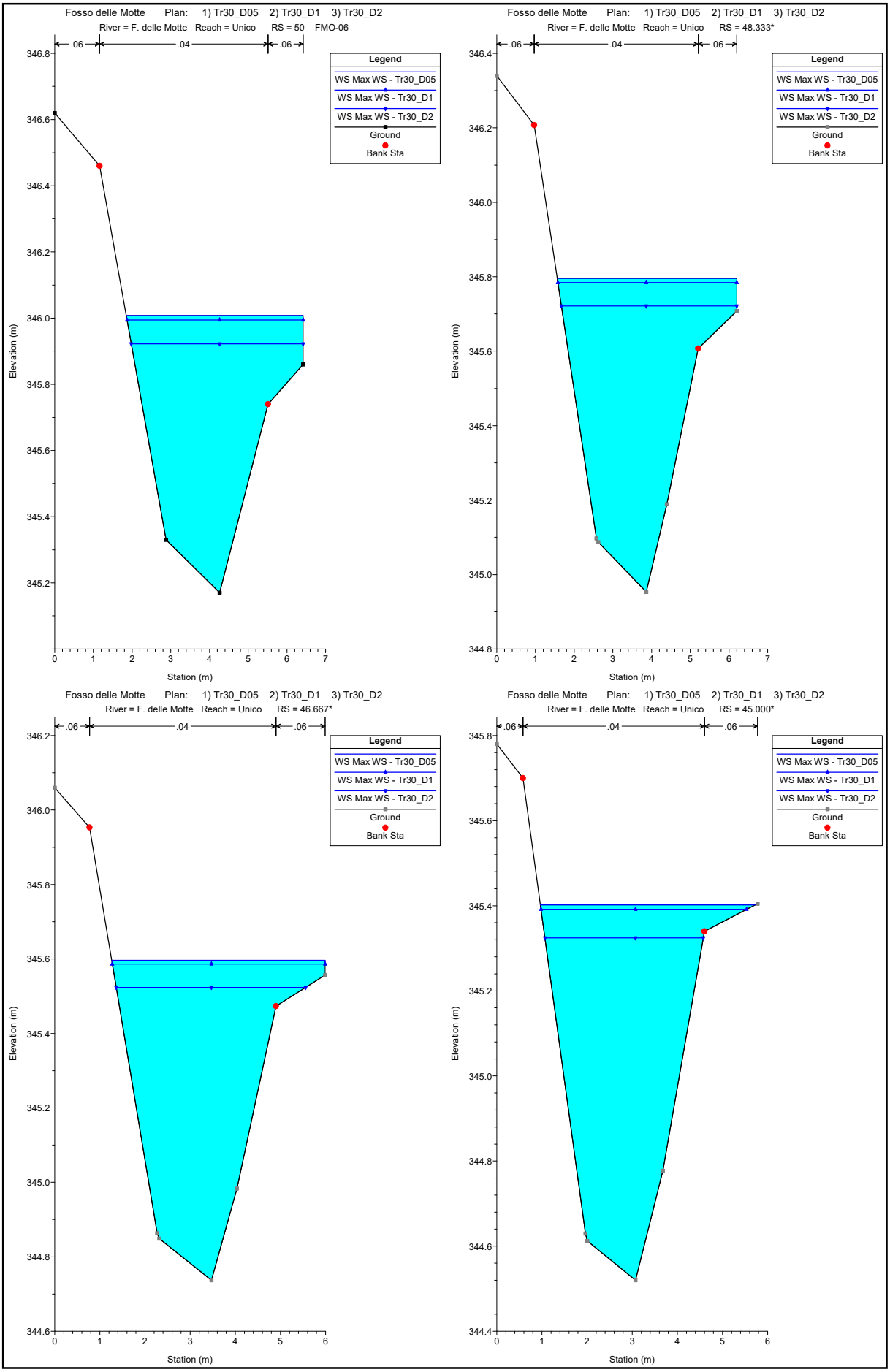

Fosso delle Motte Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
River = F. delle Motte Reach = Unico RS = 100 FMO-11
.06
.04
.06
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
WS Max WS - Tr30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso delle Motte Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
River = F. delle Motte Reach = Unico RS = 96.667*
.06
.04
.06
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
WS Max WS - Tr30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso delle Motte Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
River = F. delle Motte Reach = Unico RS = 93.333*
.06
.04
.06
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
WS Max WS - Tr30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso delle Motte Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
River = F. delle Motte Reach = Unico RS = 90 FMO-10
.06
.04
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
WS Max WS - Tr30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

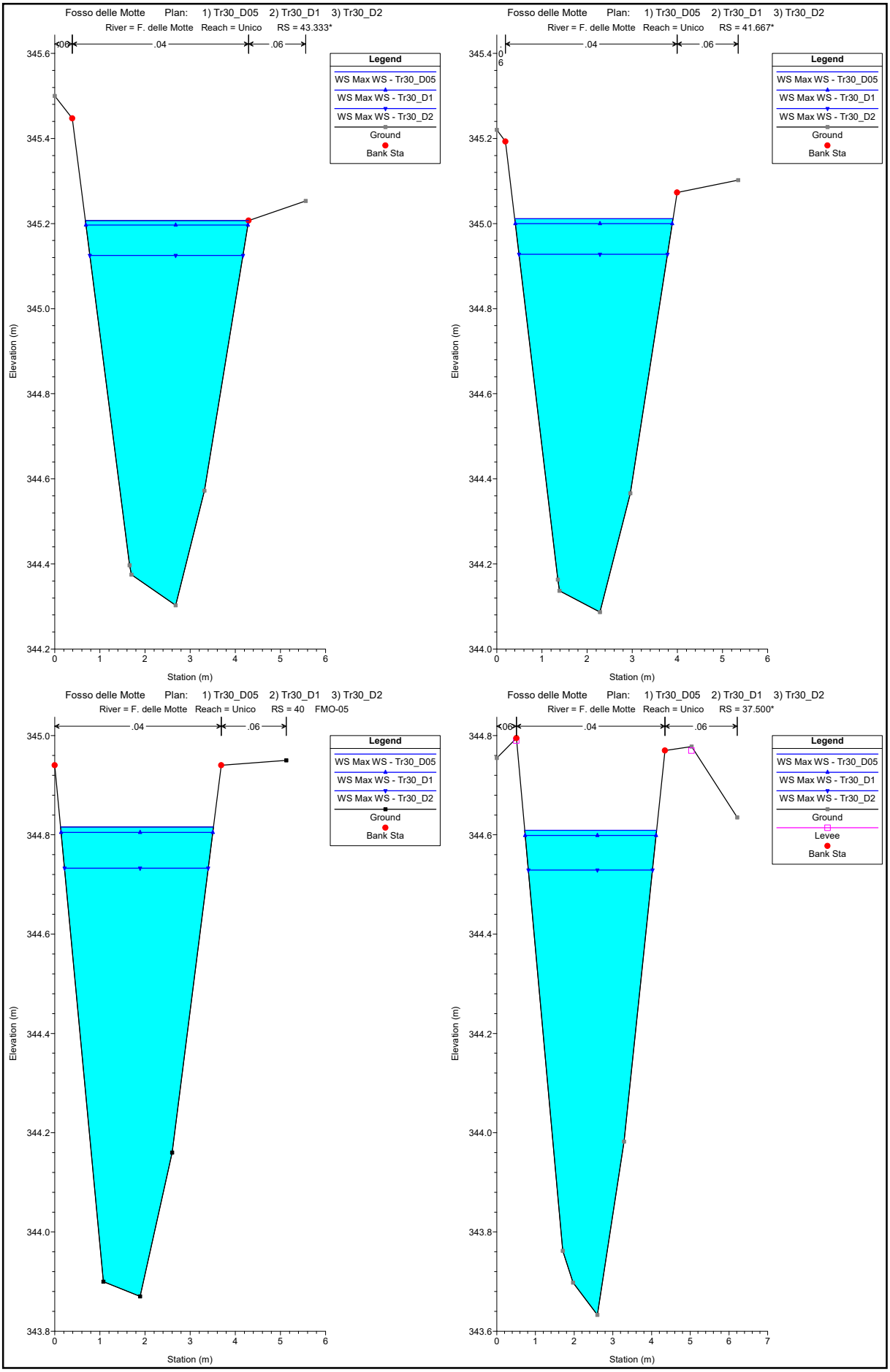

Fosso delle Motte Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
River = F. delle Motte Reach = Unico RS = 89 BR
.06
.04
.00
6
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
WS Max WS - Tr30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso delle Motte Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
River = F. delle Motte Reach = Unico RS = 89 BR
.06
.04
.00
6
Legend
WS Max WS - Tr30_D1
WS Max WS - Tr30_D05
WS Max WS - Tr30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso delle Motte Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
River = F. delle Motte Reach = Unico RS = 87.500*
.06
.04
.00
6
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
WS Max WS - Tr30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso delle Motte Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
River = F. delle Motte Reach = Unico RS = 85.000*
.06
.04
.00
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
WS Max WS - Tr30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

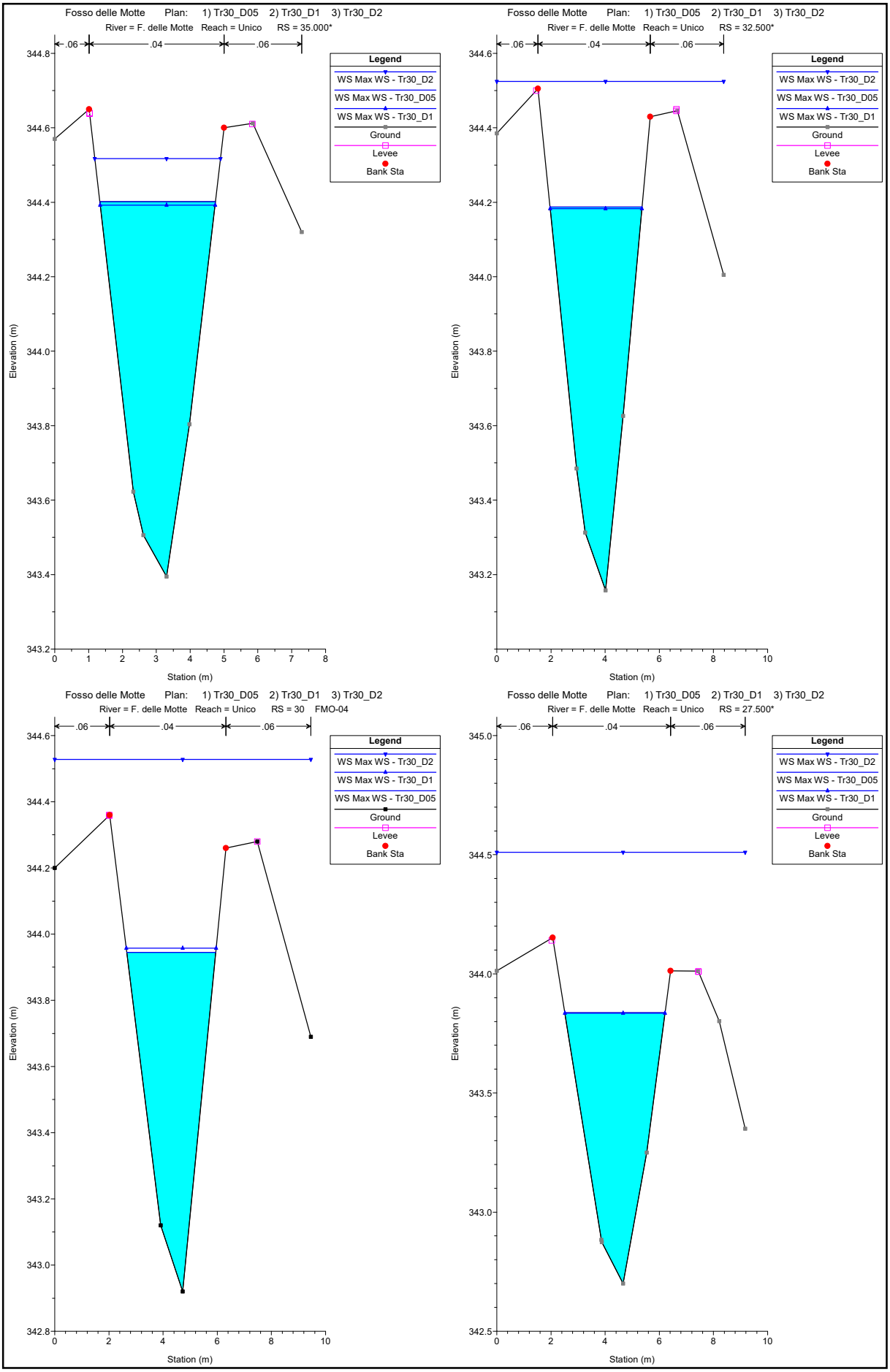

Fosso delle Motte Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
River = F. delle Motte Reach = Unico RS = 82.500*
.06
.04
.06
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
WS Max WS - Tr30_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Fosso delle Motte Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
River = F. delle Motte Reach = Unico RS = 80 FMO-09
.06
.04
.06
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
WS Max WS - Tr30_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Fosso delle Motte Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
River = F. delle Motte Reach = Unico RS = 78.000*
.06
.04
.06
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
WS Max WS - Tr30_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Fosso delle Motte Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
River = F. delle Motte Reach = Unico RS = 76.000*
.06
.04
.06
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
WS Max WS - Tr30_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)

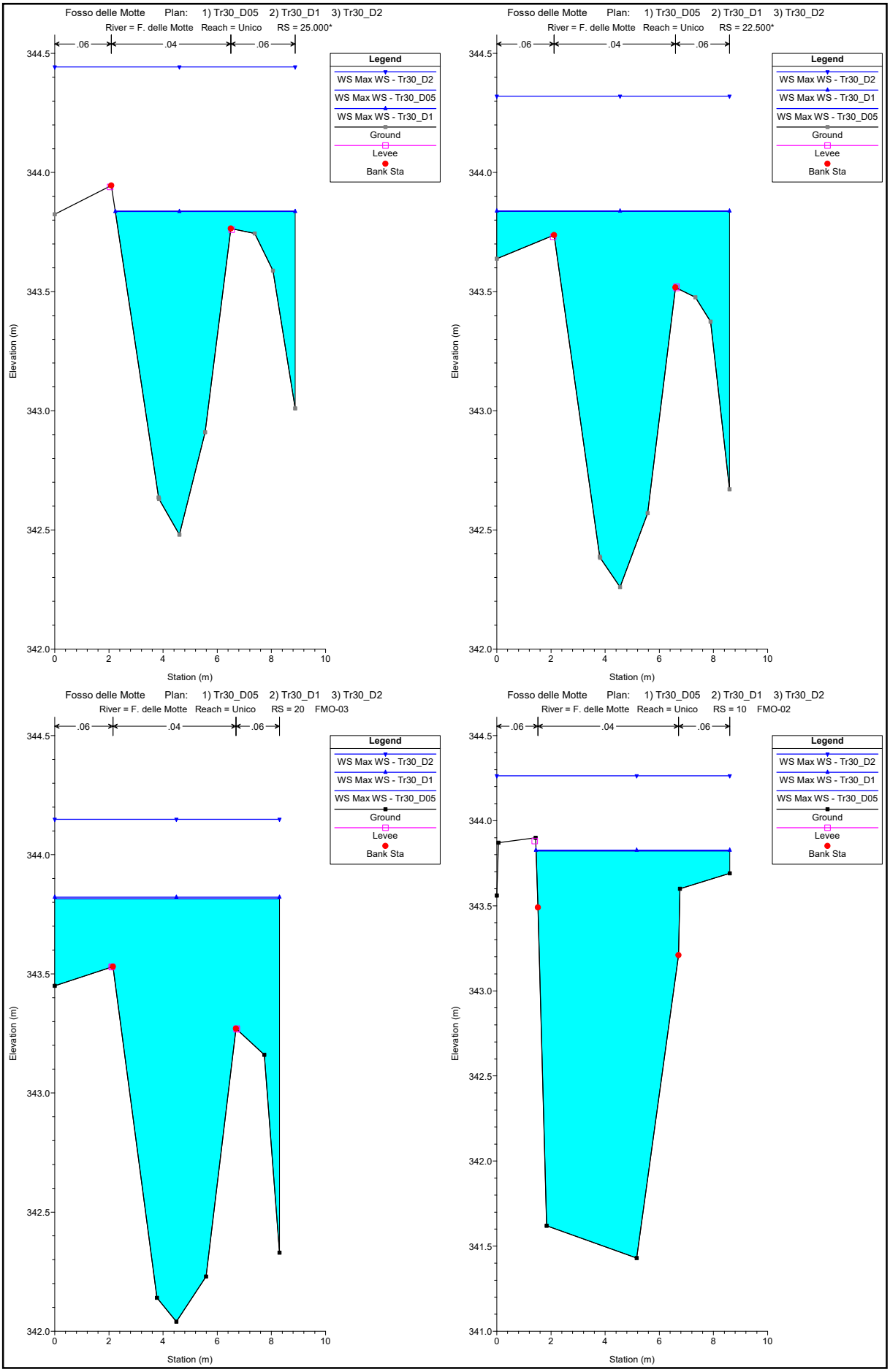

Fosso delle Motte Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
River = F. delle Motte Reach = Unico RS = 74.000*
.06
.04
.06
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
WS Max WS - Tr30_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Fosso delle Motte Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
River = F. delle Motte Reach = Unico RS = 72.000*
Fosso delle Motte Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
River = F. delle Motte Reach = Unico RS = 70 FMO-08
Fosso delle Motte Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
River = F. delle Motte Reach = Unico RS = 66.667*

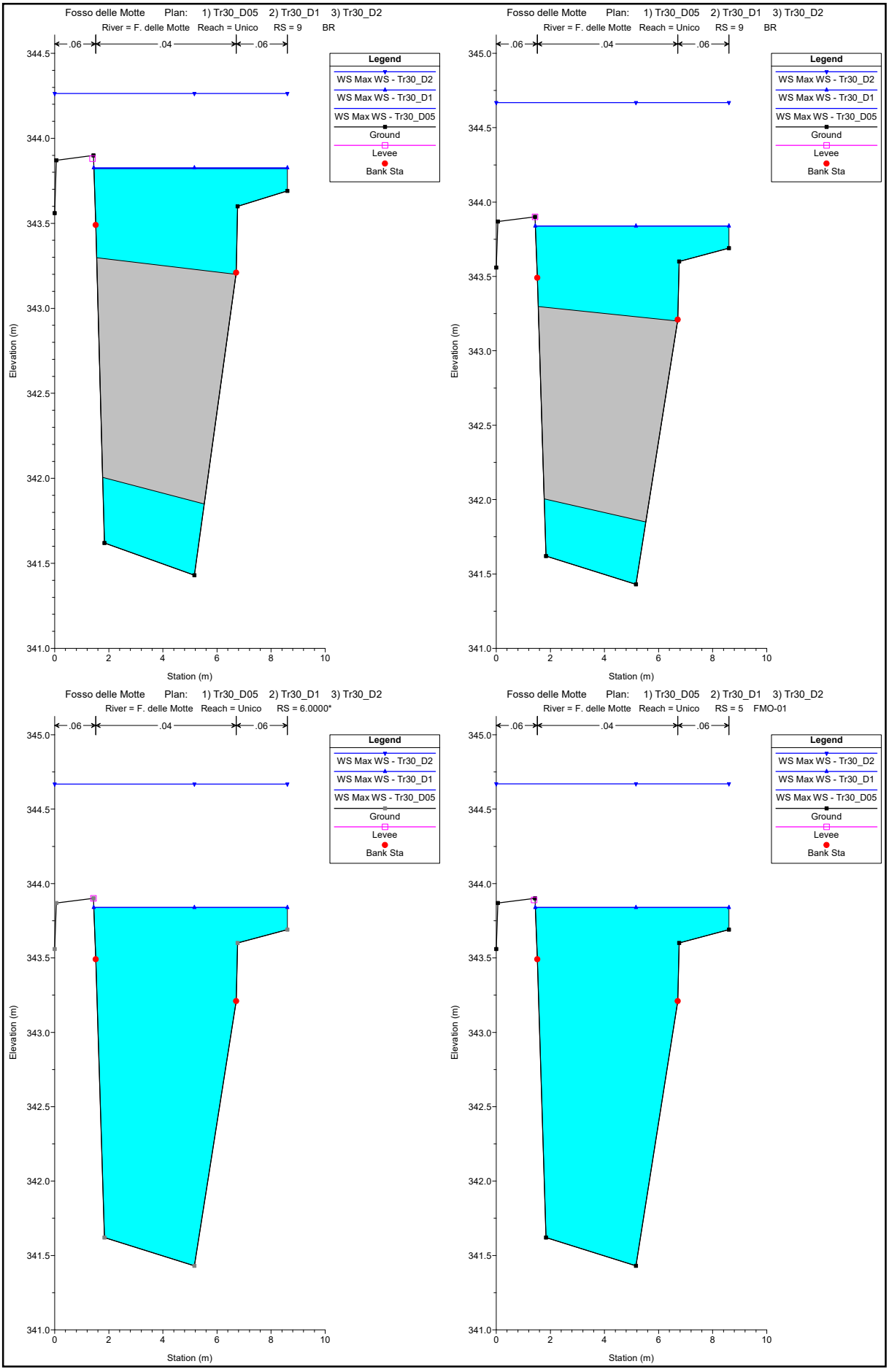

Fosso delle Motte Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
River = F. delle Motte Reach = Unico RS = 63.333*
.06
.04
.06
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
WS Max WS - Tr30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso delle Motte Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
River = F. delle Motte Reach = Unico RS = 60 FMO-07
.04
.06
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
WS Max WS - Tr30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso delle Motte Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
River = F. delle Motte Reach = Unico RS = 56.667*
.06
.04
.06
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
WS Max WS - Tr30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso delle Motte Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
River = F. delle Motte Reach = Unico RS = 53.333*
.06
.04
.06
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
WS Max WS - Tr30_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Fosso delle Motte Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
River = F. delle Motte Reach = Unico RS = 50 FMO-06
.06
.04
.06
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
WS Max WS - Tr30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso delle Motte Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
River = F. delle Motte Reach = Unico RS = 48.333*
.06
.04
.06
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
WS Max WS - Tr30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso delle Motte Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
River = F. delle Motte Reach = Unico RS = 46.667*
.06
.04
.06
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
WS Max WS - Tr30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso delle Motte Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
River = F. delle Motte Reach = Unico RS = 45.000*
.06
.04
.06
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
WS Max WS - Tr30_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Fosso delle Motte Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
River = F. delle Motte Reach = Unico RS = 43.333*
.06
.04
.06
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
WS Max WS - Tr30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso delle Motte Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
River = F. delle Motte Reach = Unico RS = 41.667*
.04
.06
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
WS Max WS - Tr30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso delle Motte Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
River = F. delle Motte Reach = Unico RS = 40 FMO-05
.04
.06
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
WS Max WS - Tr30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso delle Motte Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
River = F. delle Motte Reach = Unico RS = 37.500*
.06
.04
.06
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
WS Max WS - Tr30_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)


Fosso delle Motte Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
River = F. delle Motte Reach = Unico RS = 35.000*
.06
.04
.06
Legend
WS Max WS - Tr30_D2
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Fosso delle Motte Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
River = F. delle Motte Reach = Unico RS = 32.500*
.06
.04
.06
Legend
WS Max WS - Tr30_D2
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Fosso delle Motte Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
River = F. delle Motte Reach = Unico RS = 30 FMO-04
.06
.04
.06
Legend
WS Max WS - Tr30_D2
WS Max WS - Tr30_D1
WS Max WS - Tr30_D05
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Fosso delle Motte Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
River = F. delle Motte Reach = Unico RS = 27.500*
.06
.04
.06
Legend
WS Max WS - Tr30_D2
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
Ground
Levee
Bank Sta
Elevation (m)
Station (m)


Fosso delle Motte Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
River = F. delle Motte Reach = Unico RS = 25.000*
.06
.04
.06
Legend
WS Max WS - Tr30_D2
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Fosso delle Motte Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
River = F. delle Motte Reach = Unico RS = 22.500*
Fosso delle Motte Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
River = F. delle Motte Reach = Unico RS = 20 FMO-03
Fosso delle Motte Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
River = F. delle Motte Reach = Unico RS = 10 FMO-02


Fosso delle Motte Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
River = F. delle Motte Reach = Unico RS = 9 BR
.06
.04
.06
Legend
WS Max WS - Tr30_D2
WS Max WS - Tr30_D1
WS Max WS - Tr30_D05
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Fosso delle Motte Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
River = F. delle Motte Reach = Unico RS = 9 BR
.06
.04
.06
Legend
WS Max WS - Tr30_D2
WS Max WS - Tr30_D1
WS Max WS - Tr30_D05
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Fosso delle Motte Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
River = F. delle Motte Reach = Unico RS = 6.0000*
.06
.04
.06
Legend
WS Max WS - Tr30_D2
WS Max WS - Tr30_D1
WS Max WS - Tr30_D05
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Fosso delle Motte Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
River = F. delle Motte Reach = Unico RS = 5 FMO-01
.06
.04
.06
Legend
WS Max WS - Tr30_D2
WS Max WS - Tr30_D1
WS Max WS - Tr30_D05
Ground
Levee
Bank Sta
Elevation (m)
Station (m)

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "FOSSO DELLE MOTTE"

F. DELLE MOTTE

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 0.5, 1 e 2 h

Dati idraulici

HEC-RAS River: F. delle Motte Reach: Unico Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Unico	100	Max WS	Tr30_D05	8.90	353.63	354.32	354.71	355.75	0.141859	5.30		1.03	1.70	4.07	2.52
Unico	100	Max WS	Tr30_D1	7.20	353.63	354.25	354.61	355.57	0.157174	5.10		0.68	1.42	3.77	2.60
Unico	100	Max WS	Tr30_D2	4.30	353.63	354.10	354.39	355.28	0.212307	4.81			0.89	3.13	2.88
Unico	99			Lat Struct											
Unico	98			Lat Struct											
Unico	96.667*	Max WS	Tr30_D05	8.89	351.94	352.57	353.03	354.58	0.227419	6.28		1.23	1.43	3.71	3.15
Unico	96.667*	Max WS	Tr30_D1	7.20	351.94	352.53	352.92	354.13	0.199832	5.60		0.95	1.29	3.58	2.92
Unico	96.667*	Max WS	Tr30_D2	4.30	351.94	352.46	352.71	353.35	0.139909	4.18		0.35	1.03	3.32	2.38
Unico	93.333*	Max WS	Tr30_D05	8.87	350.24	350.98	351.36	352.32	0.107568	5.15	0.91	1.11	1.76	3.70	2.28
Unico	93.333*	Max WS	Tr30_D1	7.20	350.24	350.88	351.25	352.25	0.145754	5.20	0.66	0.99	1.40	3.53	2.56
Unico	93.333*	Max WS	Tr30_D2	4.30	350.24	350.72	351.01	351.98	0.231768	4.97		0.45	0.87	3.16	3.01
Unico	90	Max WS	Tr30_D05	8.37	348.55	350.45	349.67	350.58	0.002078	1.62	0.51	0.10	5.99	3.89	0.39
Unico	90	Max WS	Tr30_D1	7.13	348.55	350.17	349.58	350.30	0.002770	1.66	0.52	0.10	4.89	3.88	0.44
Unico	90	Max WS	Tr30_D2	4.30	348.55	349.61	349.33	349.74	0.005390	1.68	0.50	0.09	2.77	3.52	0.57
Unico	89			Bridge											
Unico	87.500*	Max WS	Tr30_D05	8.37	348.26	349.23	349.40	349.89	0.032578	3.61	1.02	0.35	2.45	3.74	1.33
Unico	87.500*	Max WS	Tr30_D1	7.13	348.26	349.17	349.31	349.74	0.032321	3.39	0.94	0.31	2.21	3.62	1.30
Unico	87.500*	Max WS	Tr30_D2	4.30	348.26	348.99	349.07	349.38	0.032028	2.77	0.67	0.21	1.59	3.37	1.23
Unico	85.000*	Max WS	Tr30_D05	8.37	347.97	348.98	349.14	349.59	0.032259	3.46	0.80	0.47	2.54	4.21	1.29
Unico	85.000*	Max WS	Tr30_D1	7.13	347.97	348.92	349.05	349.45	0.031854	3.24	0.77	0.40	2.28	3.90	1.26
Unico	85.000*	Max WS	Tr30_D2	4.30	347.97	348.74	348.81	349.11	0.032716	2.68	0.43	0.19	1.62	3.50	1.21
Unico	82.500*	Max WS	Tr30_D05	8.36	347.68	348.74	348.87	349.28	0.031284	3.29	0.64	0.53	2.67	4.86	1.23
Unico	82.500*	Max WS	Tr30_D1	7.13	347.68	348.68	348.79	349.16	0.030918	3.09	0.52	0.42	2.36	4.18	1.21
Unico	82.500*	Max WS	Tr30_D2	4.30	347.68	348.49	348.55	348.84	0.033493	2.62			1.64	3.36	1.20
Unico	80	Max WS	Tr30_D05	8.34	347.39	348.51	348.61	348.98	0.027831	3.05	0.62	0.48	2.91	5.46	1.14
Unico	80	Max WS	Tr30_D1	7.13	347.39	348.45	348.53	348.86	0.027221	2.85	0.45	0.27	2.60	5.34	1.11
Unico	80	Max WS	Tr30_D2	4.30	347.39	348.26	348.27	348.55	0.025053	2.39			1.80	3.31	1.04
Unico	78.000*	Max WS	Tr30_D05	8.22	347.20	348.28	348.39	348.76	0.027325	3.10	0.67	0.60	2.85	5.42	1.15
Unico	78.000*	Max WS	Tr30_D1	7.13	347.20	348.22	348.32	348.66	0.027230	2.94	0.50	0.44	2.55	5.31	1.13
Unico	78.000*	Max WS	Tr30_D2	4.30	347.20	348.04	348.07	348.34	0.026826	2.43			1.77	3.41	1.08
Unico	76.000*	Max WS	Tr30_D05	8.18	347.01	348.05	348.17	348.55	0.027196	3.19	0.71	0.71	2.81	5.38	1.17
Unico	76.000*	Max WS	Tr30_D1	7.12	347.01	347.99	348.10	348.45	0.027274	3.03	0.54	0.59	2.51	5.27	1.16
Unico	76.000*	Max WS	Tr30_D2	4.30	347.01	347.81	347.85	348.13	0.027386	2.49	0.39	0.15	1.74	3.69	1.10
Unico	74.000*	Max WS	Tr30_D05	8.15	346.82	347.82	347.95	348.34	0.026917	3.26	0.92	0.81	2.77	4.96	1.19
Unico	74.000*	Max WS	Tr30_D1	7.12	346.82	347.77	347.89	348.24	0.026810	3.10	0.87	0.71	2.50	4.69	1.17
Unico	74.000*	Max WS	Tr30_D2	4.30	346.82	347.58	347.64	347.92	0.027211	2.57	0.62	0.36	1.73	3.83	1.12
Unico	72.000*	Max WS	Tr30_D05	8.13	346.63	347.60	347.69	348.13	0.026205	3.32	1.07	0.91	2.78	4.80	1.20
Unico	72.000*	Max WS	Tr30_D1	7.12	346.63	347.54	347.65	348.03	0.025894	3.15	1.01	0.81	2.53	4.62	1.18
Unico	72.000*	Max WS	Tr30_D2	4.30	346.63	347.36	347.42	347.70	0.026255	2.62	0.79	0.51	1.75	3.90	1.13
Unico	70	Max WS	Tr30_D05	8.10	346.44	347.38	347.50	347.91	0.024604	3.34	1.16	0.99	2.85	4.71	1.18
Unico	70	Max WS	Tr30_D1	7.12	346.44	347.34	347.43	347.81	0.023799	3.15	1.09	0.90	2.62	4.60	1.15
Unico	70	Max WS	Tr30_D2	4.30	346.44	347.15	347.20	347.48	0.022908	2.58	0.88	0.63	1.84	3.98	1.08
Unico	66.667*	Max WS	Tr30_D05	7.98	346.20	347.14	347.23	347.62	0.025221	3.15	0.76	1.00	2.80	4.77	1.16
Unico	66.667*	Max WS	Tr30_D1	7.11	346.20	347.09	347.18	347.53	0.024413	2.99	0.69	0.90	2.61	4.72	1.13
Unico	66.667*	Max WS	Tr30_D2	4.30	346.20	346.92	346.96	347.22	0.024137	2.46	0.44	0.60	1.82	4.10	1.07
Unico	63.333*	Max WS	Tr30_D05	7.69	345.96	346.87	346.96	347.31	0.027729	2.99	0.07	1.01	2.76	4.82	1.16
Unico	63.333*	Max WS	Tr30_D1	6.98	345.96	346.84	346.91	347.25	0.026920	2.87		0.92	2.60	4.77	1.14
Unico	63.333*	Max WS	Tr30_D2	4.30	345.96	346.68	346.71	346.96	0.024606	2.39		0.54	1.86	4.18	1.05
Unico	60	Max WS	Tr30_D05	7.17	345.72	346.62	346.66	346.98	0.021901	2.68		0.89	2.88	4.90	1.03
Unico	60	Max WS	Tr30_D1	6.63	345.72	346.60	346.62	346.93	0.021144	2.58		0.83	2.75	4.87	1.00
Unico	60	Max WS	Tr30_D2	4.30	345.72	346.46	346.44	346.69	0.017864	2.13		0.45	2.11	4.67	0.90
Unico	56.667*	Max WS	Tr30_D05	6.59	345.54	346.43	346.48	346.79	0.024516	2.71		0.93	2.61	4.80	1.09
Unico	56.667*	Max WS	Tr30_D1	6.17	345.54	346.41	346.45	346.75	0.023944	2.63		0.88	2.51	4.77	1.07
Unico	56.667*	Max WS	Tr30_D2	4.28	345.54	346.30	346.31	346.56	0.021164	2.25		0.57	2.00	4.62	0.98
Unico	53.333*	Max WS	Tr30_D05	6.00	345.35	346.22	346.28	346.58	0.026385	2.69		0.91	2.38	4.68	1.12
Unico	53.333*	Max WS	Tr30_D1	5.68	345.35	346.20	346.25	346.54	0.025955	2.63		0.87	2.30	4.66	1.11
Unico	53.333*	Max WS	Tr30_D2	4.20	345.35	346.12	346.14	346.38	0.023807	2.32		0.61	1.90	4.53	1.04
Unico	50	Max WS	Tr30_D05	5.46	345.17	346.01	346.05	346.33	0.024536	2.54		0.82	2.28	4.57	1.07
Unico	50	Max WS	Tr30_D1	5.21	345.17	345.99	346.03	346.30	0.024205	2.49		0.79	2.21	4.55	1.06
Unico	50	Max WS	Tr30_D2	4.07	345.17	345.92	345.94	346.18	0.022629	2.25		0.59	1.89	4.44	1.01
Unico	48.333*	Max WS	Tr30_D05	5.05	344.95	345.80	345.82	346.09	0.022742	2.41		0.63	2.20	4.64	1.02
Unico	48.333*	Max WS	Tr30_D1	4.87	344.95	345.78	345.81	346.07	0.022562	2.38		0.60	2.14	4.63	1.02
Unico	48.333*	Max WS	Tr30_D2	3.99	344.95	345.72	345.73	345.97	0.022099	2.22		0.39	1.85	4.53	0.99
Unico	46.667*	Max WS	Tr30_D05	4.89	344.74	345.60	345.61	345.88	0.021752	2.35		0.45	2.15	4.73	1.00
Unico	46.667*	Max WS	Tr30_D1	4.75	344.74	345.59	345.60	345.86	0.021719	2.32		0.41	2.11	4.71	0.99
Unico	46.667*	Max WS	Tr30_D2	3.99	344.74	345.52	345.52	345.77	0.022116	2.21		0.21	1.82	4.20	0.99
Unico	45.000*	Max WS	Tr30_D05	4.86	344.52	345.40	345.41	345.68	0.021532	2.33		0.24	2.12	4.75	0.98
Unico	45.000*	Max WS	Tr30_D1	4.74	344.52	345.39	345.40	345.66	0.021625	2.31		0.21	2.07	4.56	0.98
Unico	45.000*	Max WS	Tr30_D2	3.99	344.52	345.32	345.31	345.57	0.022321	2.21			1.80	3.51	0.98
Unico	43.333*	Max WS	Tr30_D05	4.86	344.30	345.21	345.19	345.48	0.021884	2.33			2.08	3.62	0.98
Unico	43.333*	Max WS	Tr30_D1	4.74	344.30	345.20	345.18	345.47	0.021845	2.31			2.05	3.59	0.98
Unico	43.333*	Max WS	Tr30_D2	3.99	344.30	345.13	345.11	345.38	0.022063	2.22			1.80	3.39	0.98
Unico	41.667*	Max WS	Tr30_D05	4.86	344.09	345.01	344.99	345.29	0.021674	2.34			2.08	3.51	0.97
Unico	41.667*	Max WS	Tr30_D1	4.74	344.09	345.00	344.98	345.28	0.021697	2.33			2.04	3.48	0.97
Unico	41.667*	Max WS	Tr30_D2	3.99	344.09	344.93	344.91	345.18	0.021790	2.23			1.79	3.29	0.96
Unico	40	Max WS	Tr30_D05	4.86	343.87	344.82	344.80	345.10	0.021787	2.36			2.06	3.39	0.97
Unico	40	Max WS	Tr30_D1	4.74	343.87	344.80	344.78	345.08	0.021750	2.34			2.02	3.36	0.96
Unico	40	Max WS	Tr30_D2	3.99	343.87	344.73	344.71	344.99	0.021596	2.24			1.79	3.19	0.95
Unico	37.500*	Max WS	Tr30_D05	4.86	343.63	344.61	344.60	344.89	0.021719	2.36			2.06	3.41	0.97
Unico	37.500*	Max WS	Tr30_D1	4.74	343.63	344.60	344.58	344.88	0.021627	2.34			2.03	3.38	0.97
Unico	37.500*	Max WS	Tr30_D2	3.99	343.63	344.53	344.50	344.78	0.021227	2.22			1.80	3.21	0.95

HEC-RAS River: F. delle Motte Reach: Unico Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Unico	35.000*	Max WS	Tr30_D05	4.86	343.40	344.40	344.39	344.69	0.021985	2.36			2.06	3.42	0.97
Unico	35.000*	Max WS	Tr30_D1	4.74	343.40	344.39	344.38	344.67	0.021745	2.34			2.02	3.39	0.97
Unico	35.000*	Max WS	Tr30_D2	0.46	343.40	344.52		344.52	0.000123	0.19			2.47	3.71	0.07
Unico	32.500*	Max WS	Tr30_D05	4.86	343.16	344.19	344.19	344.48	0.023213	2.40			2.02	3.39	1.00
Unico	32.500*	Max WS	Tr30_D1	4.73	343.16	344.18	344.17	344.47	0.022464	2.36			2.01	3.38	0.98
Unico	32.500*	Max WS	Tr30_D2	0.22	343.16	344.52		344.52	0.000011	0.06	0.01	0.02	4.03	8.38	0.02
Unico	30	Max WS	Tr30_D05	4.86	342.92	343.94	343.98	344.28	0.027969	2.57			1.89	3.28	1.08
Unico	30	Max WS	Tr30_D1	4.73	342.92	343.96	343.97	344.26	0.024970	2.45			1.94	3.32	1.02
Unico	30	Max WS	Tr30_D2	0.02	342.92	344.53		344.53	0.000000	0.00	0.00	0.00	6.08	9.46	0.00
Unico	27.500*	Max WS	Tr30_D05	0.51	342.70	343.84		343.84	0.000157	0.21			2.44	3.70	0.08
Unico	27.500*	Max WS	Tr30_D1	0.66	342.70	343.84		343.84	0.000258	0.27			2.43	3.70	0.11
Unico	27.500*	Max WS	Tr30_D2	-2.74	342.70	344.51		344.52	0.000297	-0.43	-0.14	-0.17	8.03	9.17	0.13
Unico	25.000*	Max WS	Tr30_D05	0.50	342.48	343.84		343.84	0.000048	0.13		0.04	4.14	6.65	0.05
Unico	25.000*	Max WS	Tr30_D1	0.64	342.48	343.84		343.84	0.000080	0.17		0.05	4.14	6.65	0.06
Unico	25.000*	Max WS	Tr30_D2	-7.62	342.48	344.44		344.49	0.001386	-1.03	-0.35	-0.40	9.41	8.88	0.28
Unico	22.500*	Max WS	Tr30_D05	-0.41	342.26	343.84		343.84	0.000012	-0.08	-0.02	-0.03	6.07	8.59	0.02
Unico	22.500*	Max WS	Tr30_D1	0.15	342.26	343.84		343.84	0.000002	0.03	0.01	0.01	6.08	8.59	0.01
Unico	22.500*	Max WS	Tr30_D2	-13.80	342.26	344.32		344.45	0.003392	-1.71	-0.59	-0.62	10.22	8.59	0.44
Unico	20	Max WS	Tr30_D05	-3.45	342.04	343.81		343.83	0.000425	-0.54	-0.15	-0.17	7.77	8.30	0.15
Unico	20	Max WS	Tr30_D1	-2.94	342.04	343.82		343.83	0.000303	-0.46	-0.12	-0.14	7.83	8.30	0.13
Unico	20	Max WS	Tr30_D2	-23.06	342.04	344.15		344.49	0.008119	-2.74	-0.94	-0.89	10.54	8.30	0.69
Unico	10	Max WS	Tr30_D05	-3.45	341.43	343.82		343.83	0.000116	-0.33	-0.02	-0.05	10.72	7.15	0.07
Unico	10	Max WS	Tr30_D1	-2.94	341.43	343.83		343.83	0.000084	-0.28	-0.02	-0.04	10.75	7.15	0.06
Unico	10	Max WS	Tr30_D2	-23.07	341.43	344.26		344.42	0.002518	-1.76	-0.30	-0.47	14.44	8.60	0.36
Unico	9			Bridge											
Unico	6.0000*	Max WS	Tr30_D05	-3.48	341.43	343.84		343.85	0.000114	-0.33	-0.02	-0.05	10.85	7.16	0.07
Unico	6.0000*	Max WS	Tr30_D1	-2.94	341.43	343.84		343.84	0.000081	-0.28	-0.02	-0.04	10.85	7.16	0.06
Unico	6.0000*	Max WS	Tr30_D2	-23.05	341.43	344.67		344.77	0.001433	-1.48	-0.33	-0.45	17.92	8.60	0.28
Unico	5	Max WS	Tr30_D05	-3.48	341.43	343.84	341.99	343.85	0.000114	-0.33	-0.02	-0.05	10.85	7.16	0.07
Unico	5	Max WS	Tr30_D1	-2.94	341.43	343.84	341.94	343.84	0.000081	-0.28	-0.02	-0.04	10.85	7.16	0.06
Unico	5	Max WS	Tr30_D2	-23.05	341.43	344.67	343.07	344.78	0.001432	-1.47	-0.33	-0.45	17.93	8.60	0.28

ALLEGATI

MODELLAZIONE HEC-RAS 6.3.1 "TEGGINA_APP"

TEGGINA

MODELLAZIONE PER TR=30 e 200 ANNI

DURATA DI PIOGGIA: 1, 3 e 6 h

Profilo longitudinale

Sezioni Trasversali

Dati idraulici

ALLEGATI

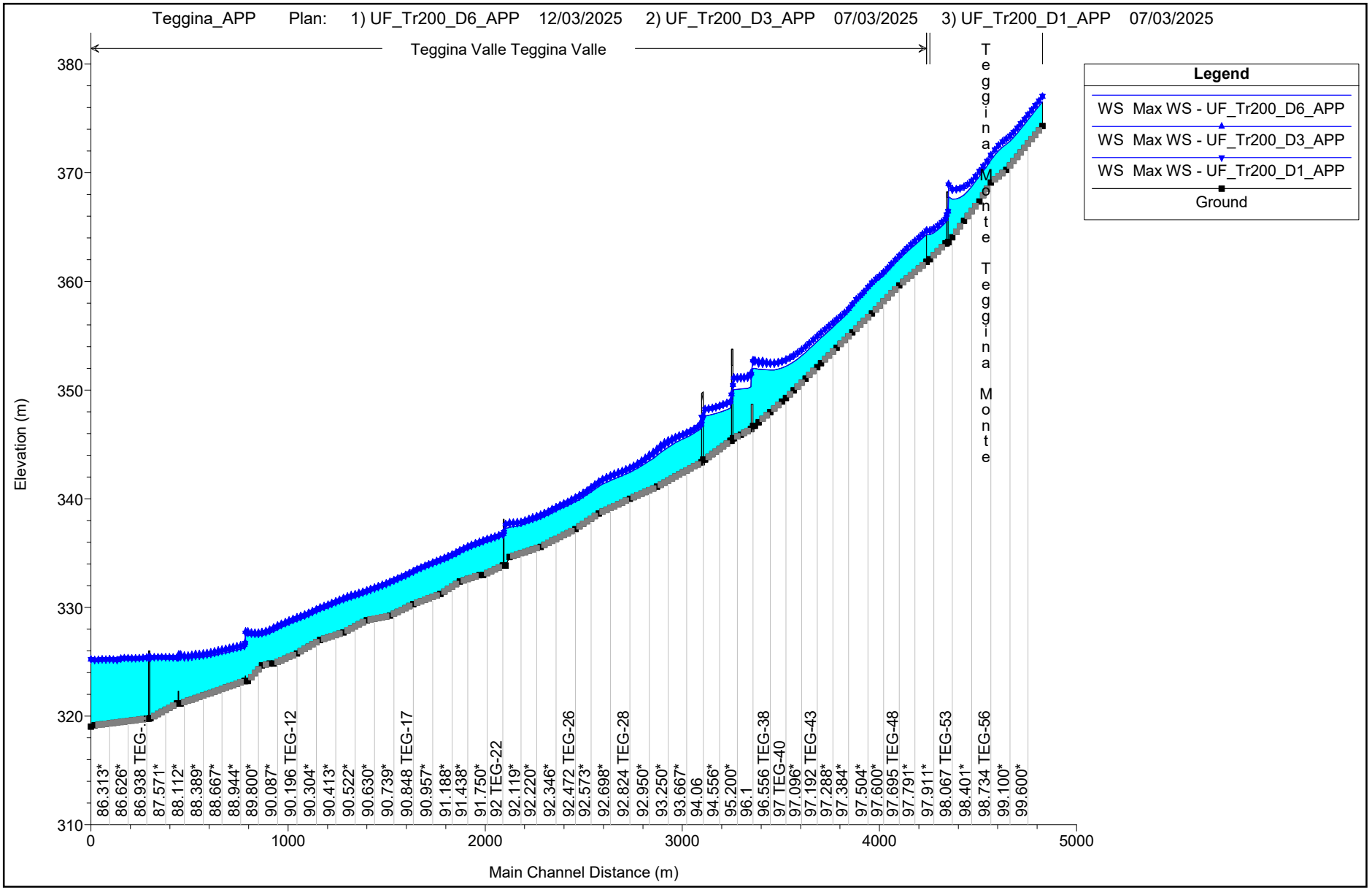
MODELLAZIONE HEC-RAS 6.3.1 "TEGGINA_APP"

TEGGINA

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 1, 3 e 6 h

Profilo longitudinale


Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
Teggina Valle Teggina Valle
Teggina Monte Teggina Monte
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Elevation (m)
Main Channel Distance (m)
380
370
360
350
340
330
320
310
0
1000
2000
3000
4000
5000
86.313*
86.626*
86.938 TEG-
87.571*
88.112*
88.389*
88.667*
88.944*
89.800*
90.087*
90.196 TEG-12
90.304*
90.413*
90.522*
90.630*
90.739*
90.848 TEG-17
90.957*
91.188*
91.438*
91.750*
92 TEG-22
92.119*
92.220*
92.346*
92.472 TEG-26
92.573*
92.698*
92.824 TEG-28
92.950*
93.250*
93.667*
94.06
94.556*
95.200*
96.1
96.556 TEG-38
97 TEG-40
97.096*
97.192 TEG-43
97.288*
97.384*
97.504*
97.600*
97.695 TEG-48
97.791*
97.911*
98.067 TEG-53
98.401*
98.734 TEG-56
99.100*
99.600*

ALLEGATI

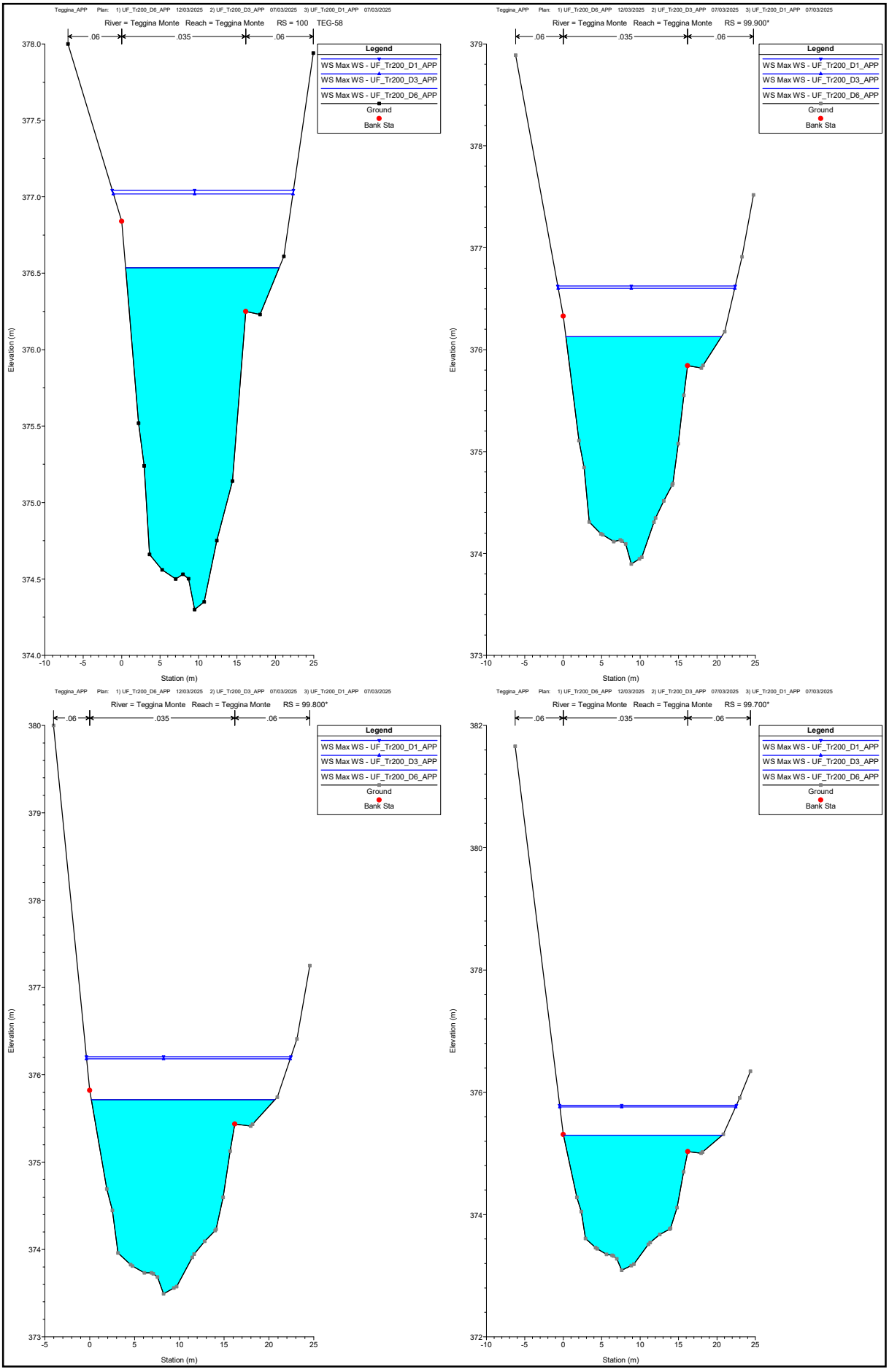
MODELLAZIONE HEC-RAS 6.3.1 "TEGGINA_APP"

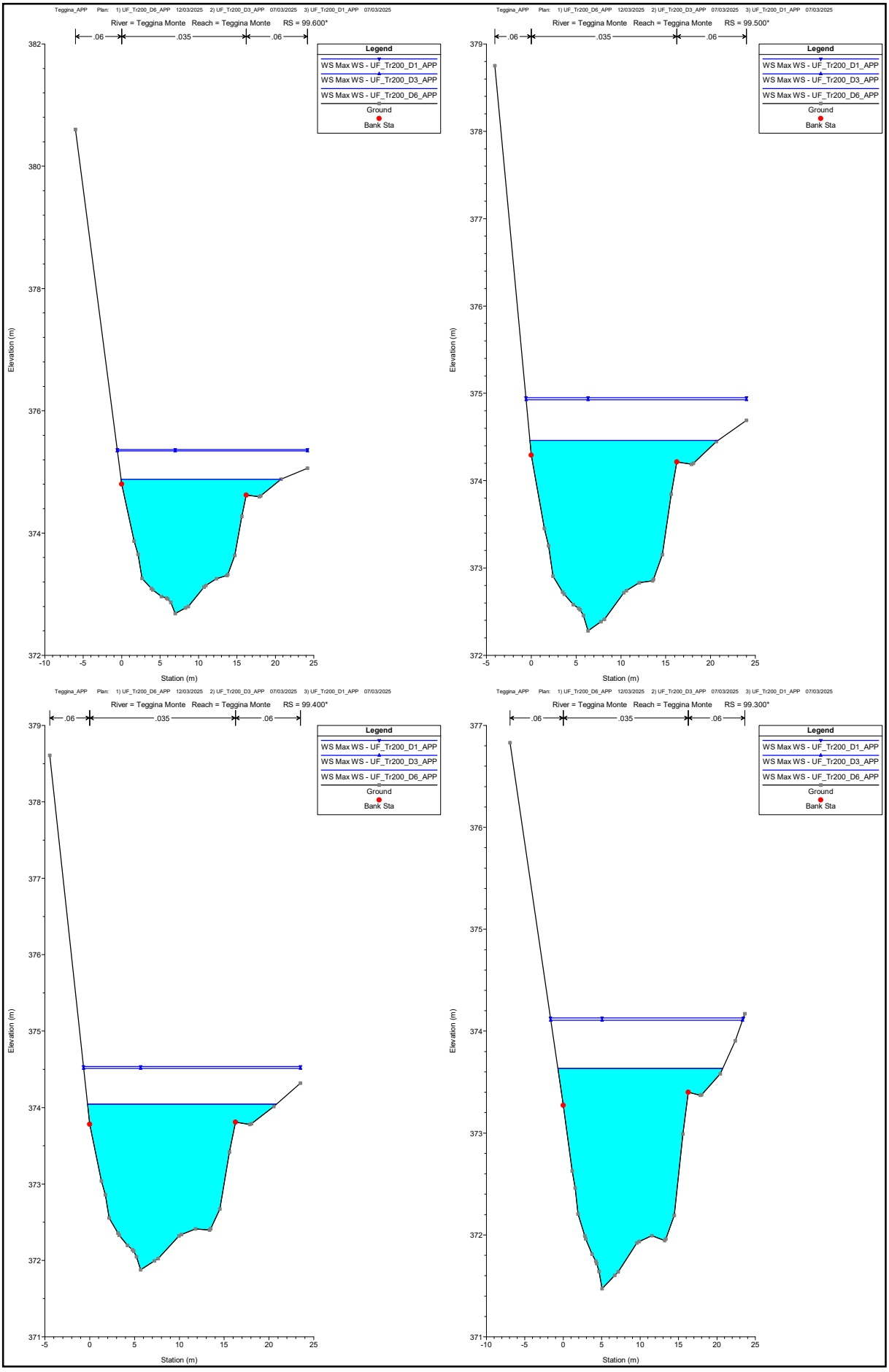
TEGGINA

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 1, 3 e 6 h

Sezioni Trasversali (da monte verso valle)


Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Monte Reach = Teggina Monte RS = 100 TEG-58
.06
.035
.06
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Monte Reach = Teggina Monte RS = 99.900*
.06
.035
.06
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Monte Reach = Teggina Monte RS = 99.800*
.06
.035
.06
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Monte Reach = Teggina Monte RS = 99.700*
.06
.035
.06
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)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River = Teggina Monte Reach = Teggina Monte RS = 99.600*
.06
.035
.06
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Monte Reach = Teggina Monte RS = 99.500*
.06
.035
.06
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Monte Reach = Teggina Monte RS = 99.400*
.06
.035
.06
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Monte Reach = Teggina Monte RS = 99.300*
.06
.035
.06
Legend
WS Max WS - UF_Tr200_D1_APP
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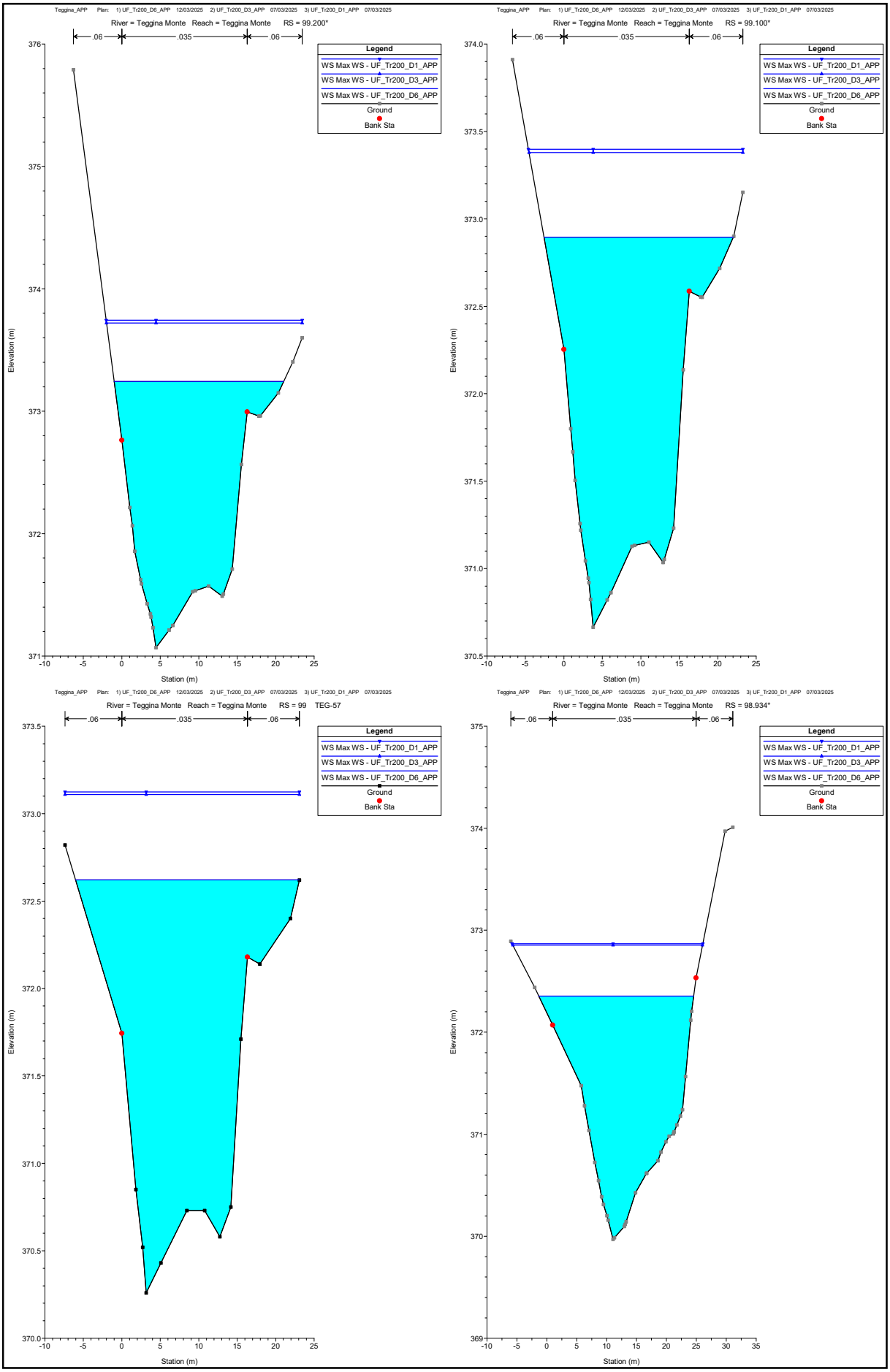
Ground
Bank Sta
Elevation (m)
Station (m)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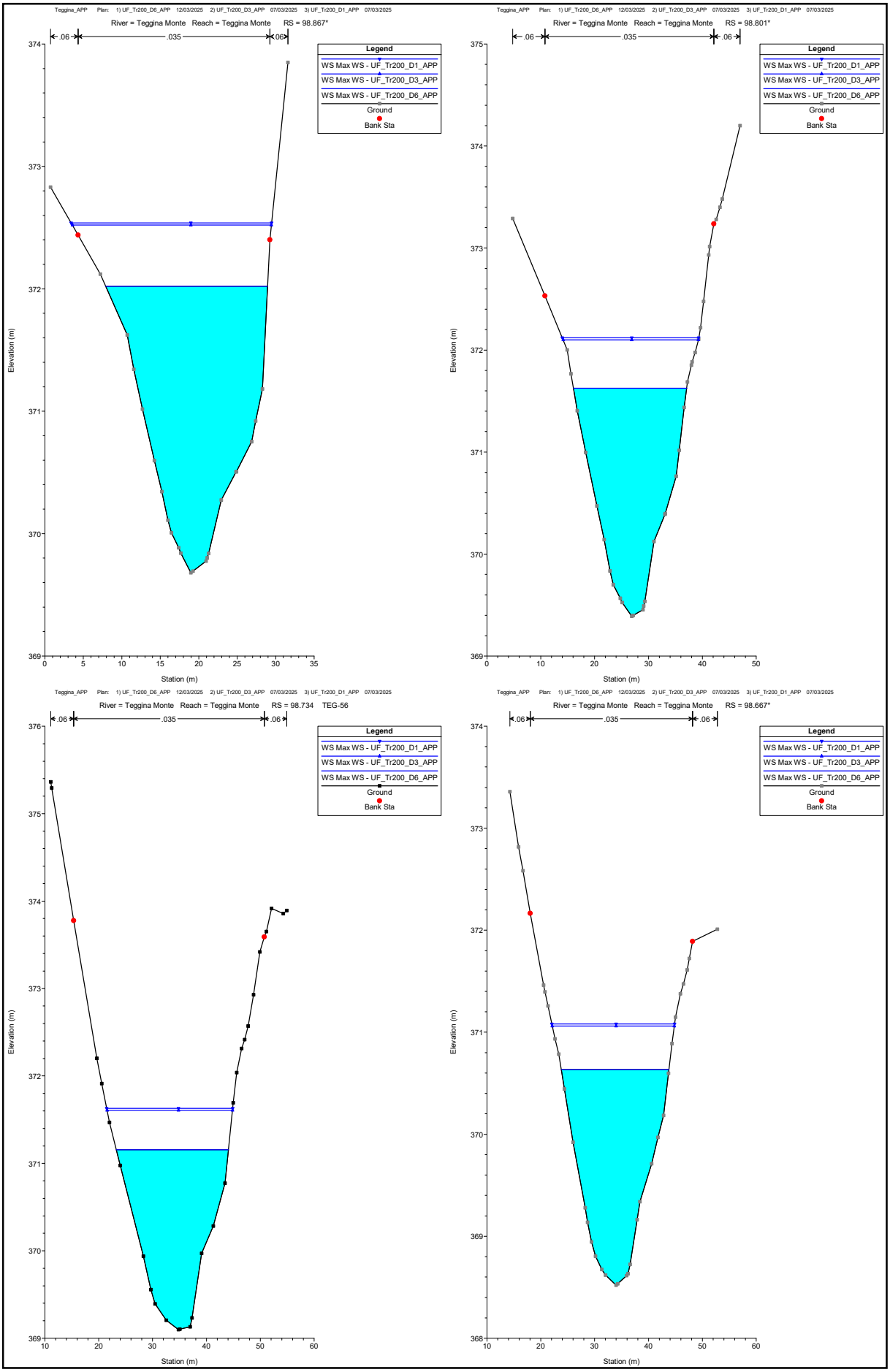
River = Teggina Monte Reach = Teggina Monte RS = 99.200*
.06
.035
.06
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Monte Reach = Teggina Monte RS = 99.100*
.06
.035
.06
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Monte Reach = Teggina Monte RS = 99 TEG-57
.06
.035
.06
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Monte Reach = Teggina Monte RS = 98.934*
.06
.035
.06
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)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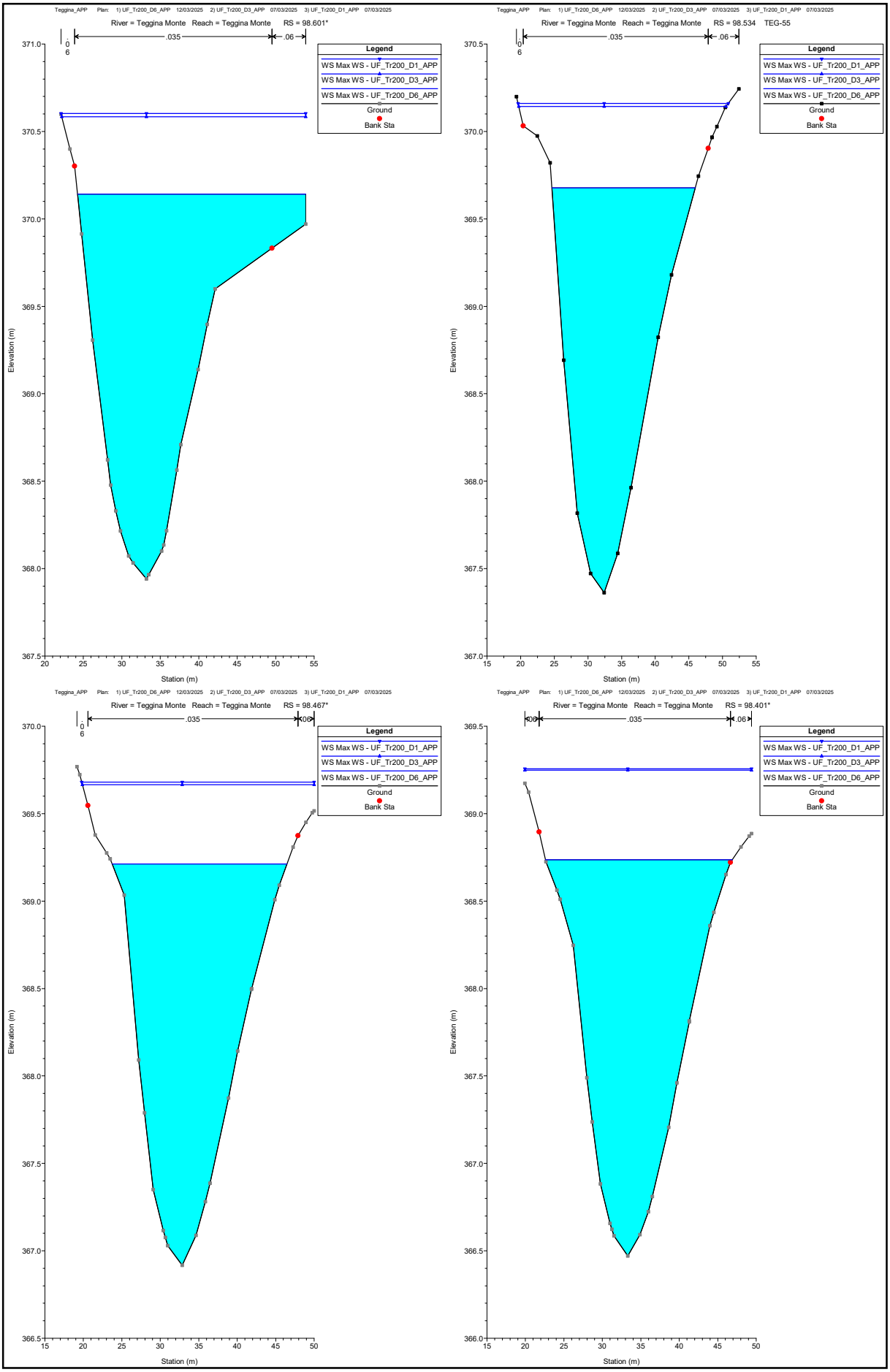
River = Teggina Monte Reach = Teggina Monte RS = 98.867*
.06
.035
.06
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Monte Reach = Teggina Monte RS = 98.801*
.06
.035
.06
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Monte Reach = Teggina Monte RS = 98.734 TEG-56
.06
.035
.06
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Monte Reach = Teggina Monte RS = 98.667*
.06
.035
.06
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)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River = Teggina Monte Reach = Teggina Monte RS = 98.601*
.035
.06
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Monte Reach = Teggina Monte RS = 98.534 TEG-55
.035
.06
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Monte Reach = Teggina Monte RS = 98.467*
.035
.06
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Monte Reach = Teggina Monte RS = 98.401*
.035
.06
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
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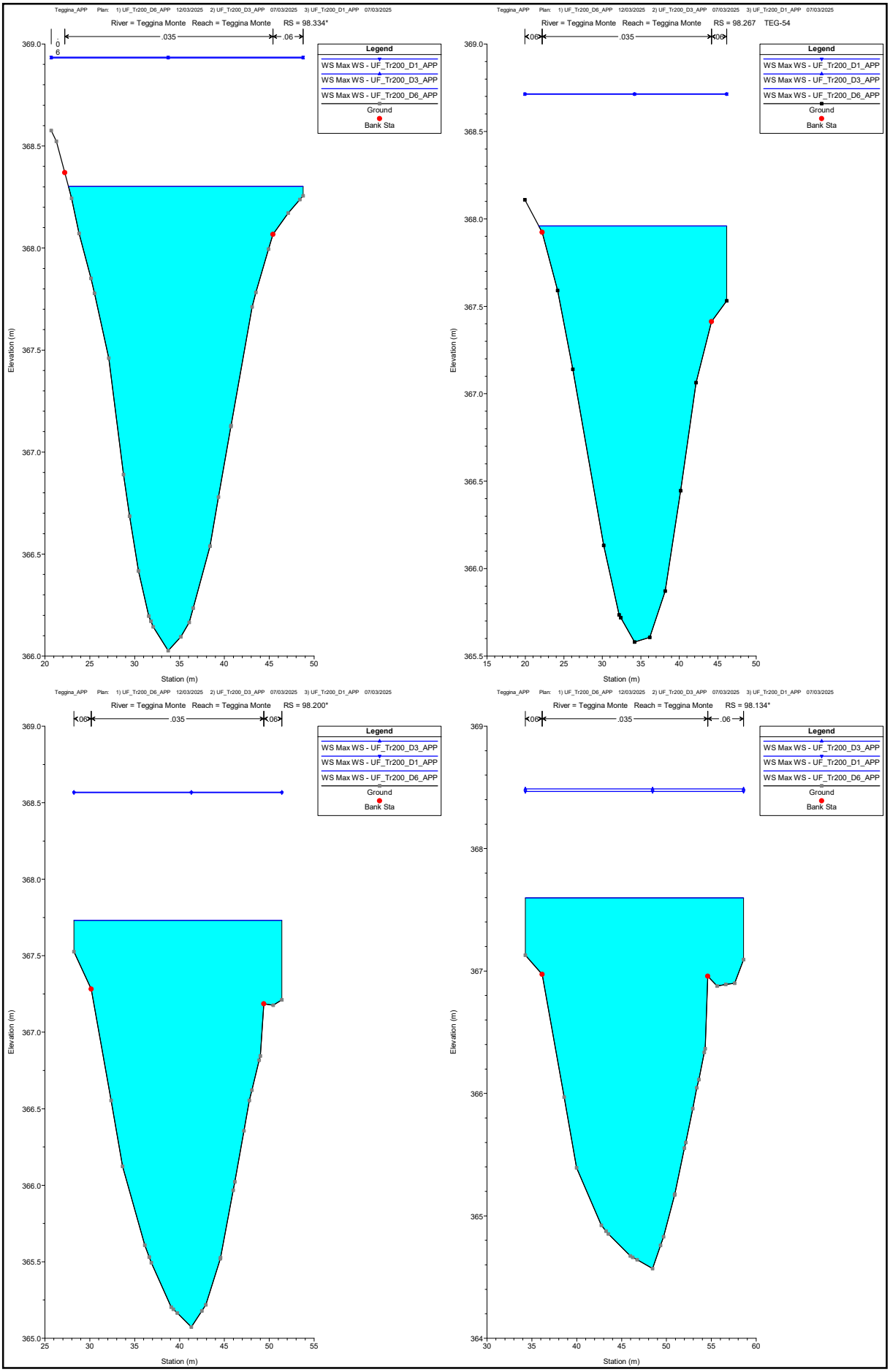
Ground
Bank Sta
Elevation (m)
Station (m)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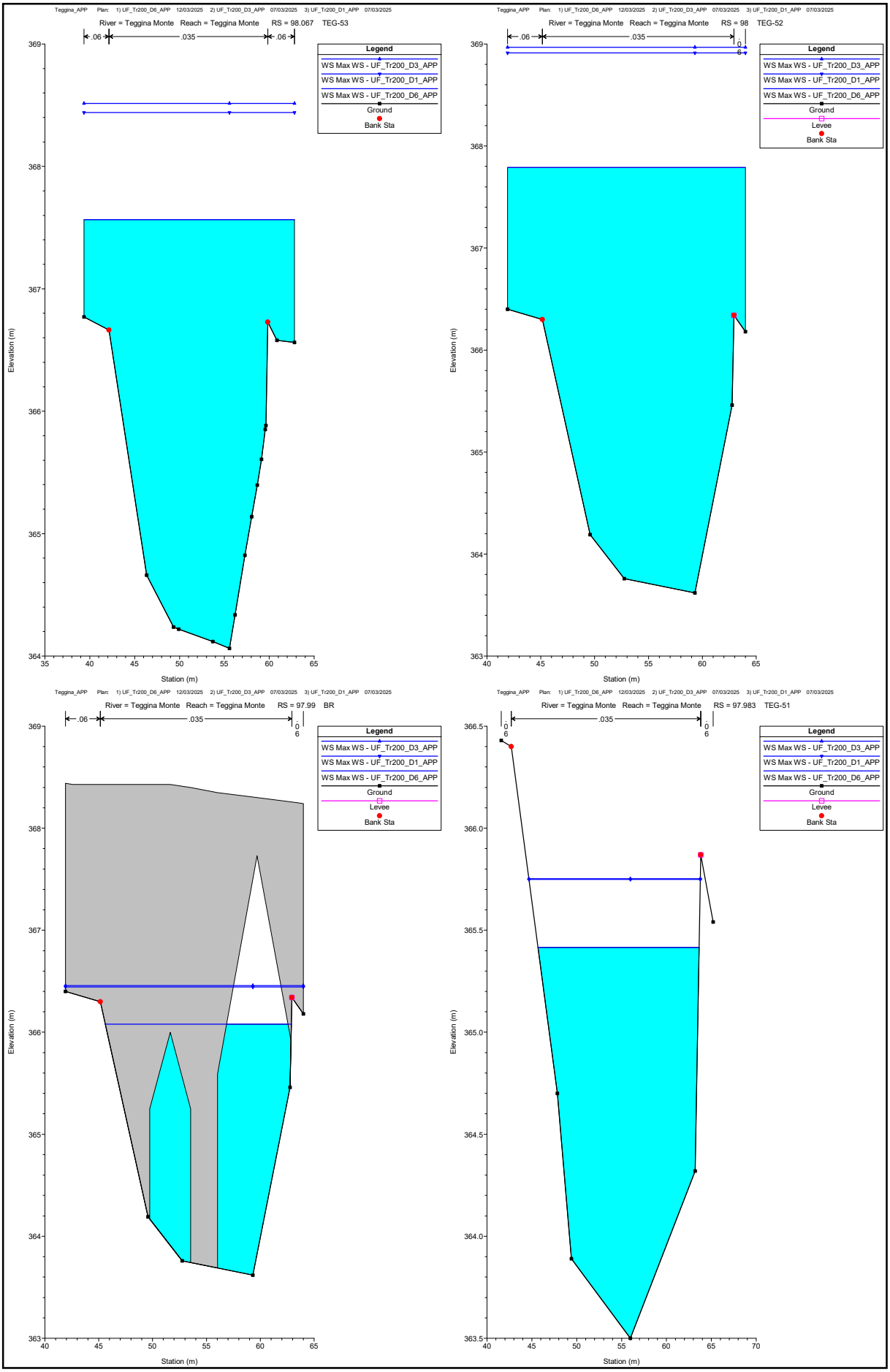
River = Teggina Monte Reach = Teggina Monte RS = 98.334*
.035
.06
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Monte Reach = Teggina Monte RS = 98.267 TEG-54
.06
.035
.06
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Monte Reach = Teggina Monte RS = 98.200*
.06
.035
.06
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Monte Reach = Teggina Monte RS = 98.134*
.06
.035
.06
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)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River = Teggina Monte Reach = Teggina Monte RS = 98.067 TEG-53
.06 .035 .06
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Monte Reach = Teggina Monte RS = 98 TEG-52
.06 .035 0.6
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Monte Reach = Teggina Monte RS = 97.99 BR
.06 .035 0.6
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Monte Reach = Teggina Monte RS = 97.983 TEG-51
0.6 .035 0.6
Legend
WS Max WS - UF_Tr200_D3_APP
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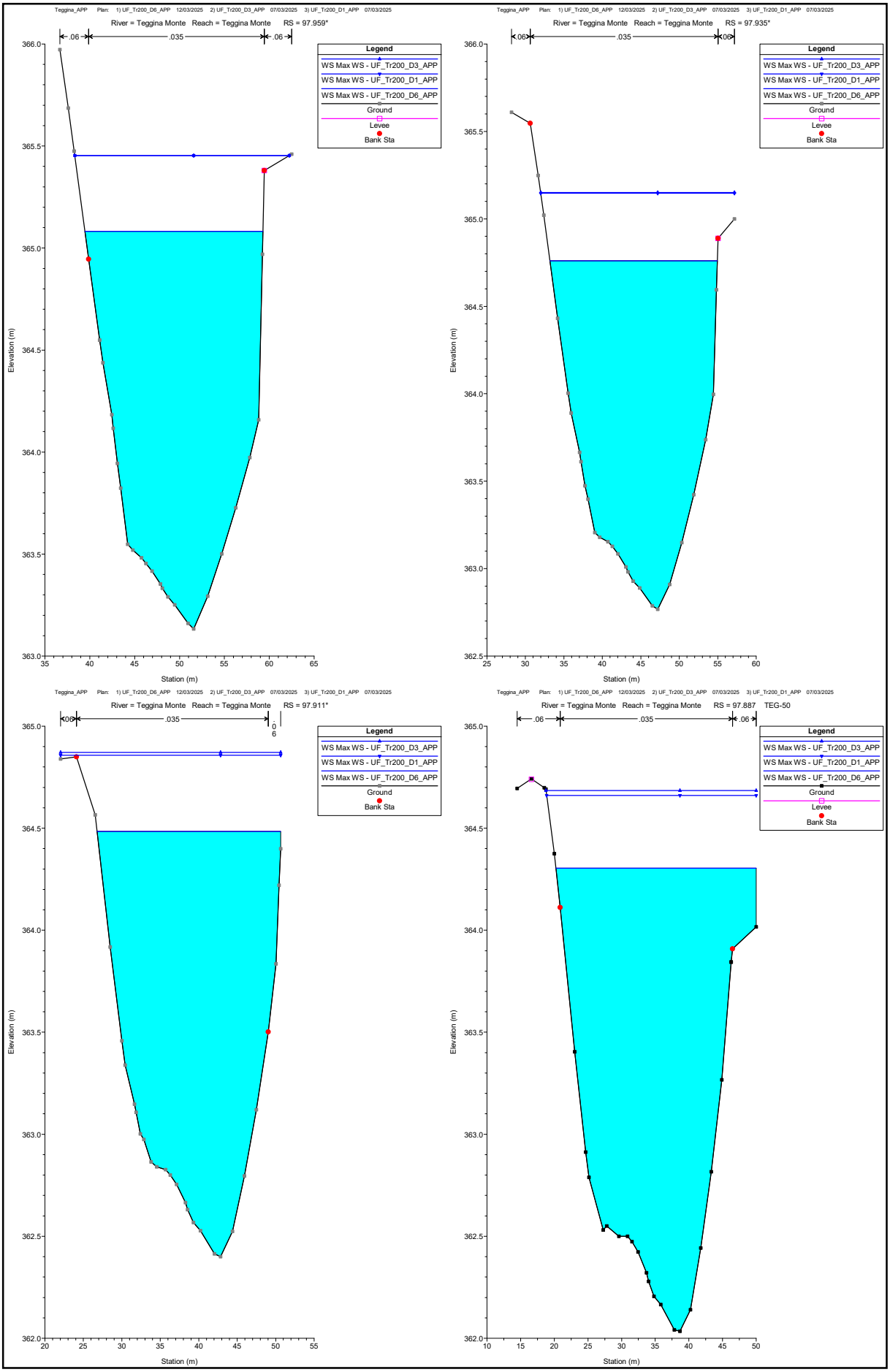
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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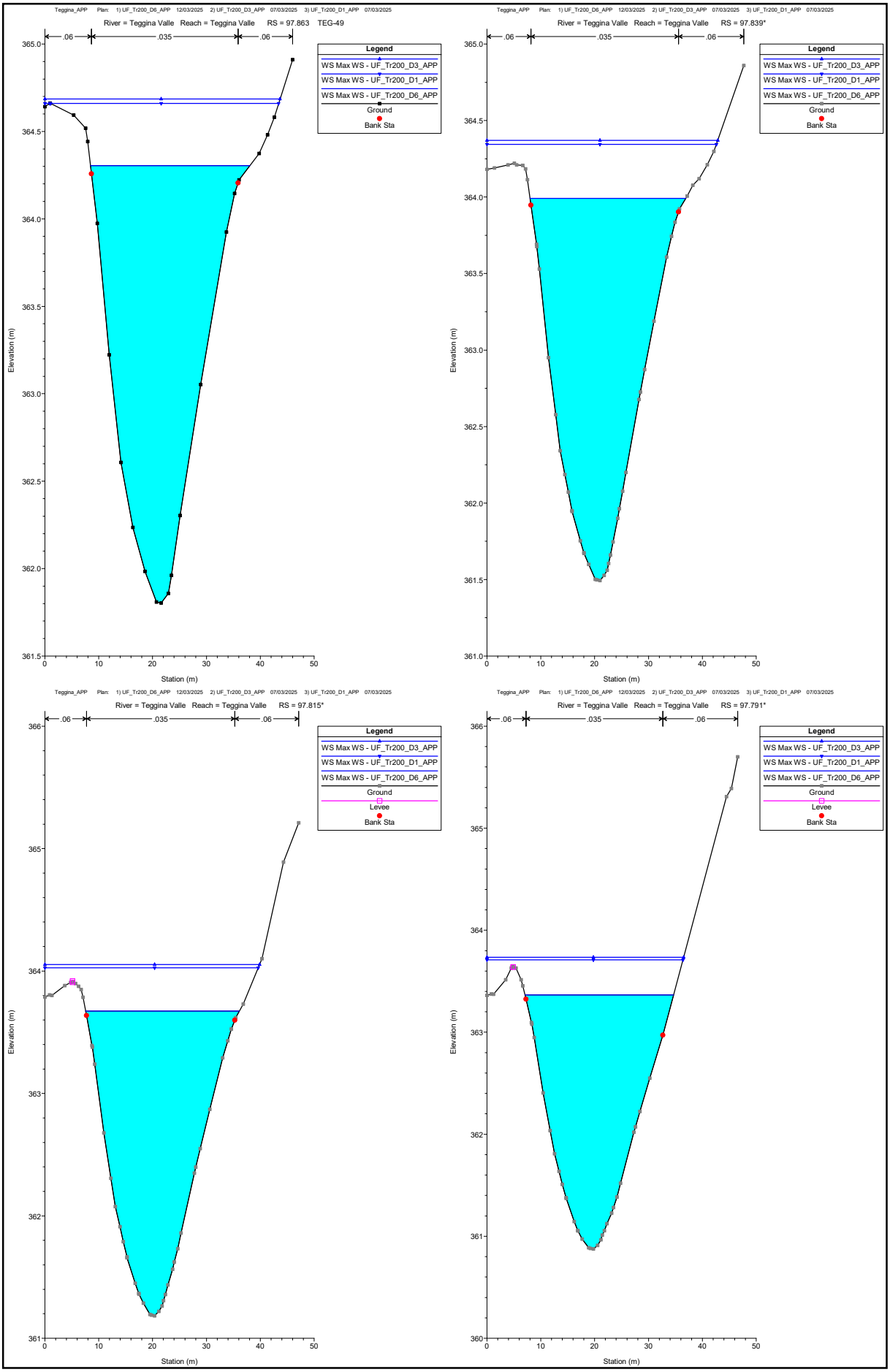
River = Teggina Monte Reach = Teggina Monte RS = 97.959*
.06
.035
.06
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Monte Reach = Teggina Monte RS = 97.935*
.06
.035
.06
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Monte Reach = Teggina Monte RS = 97.911*
.06
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Monte Reach = Teggina Monte RS = 97.887 TEG-50
.06
.035
.06
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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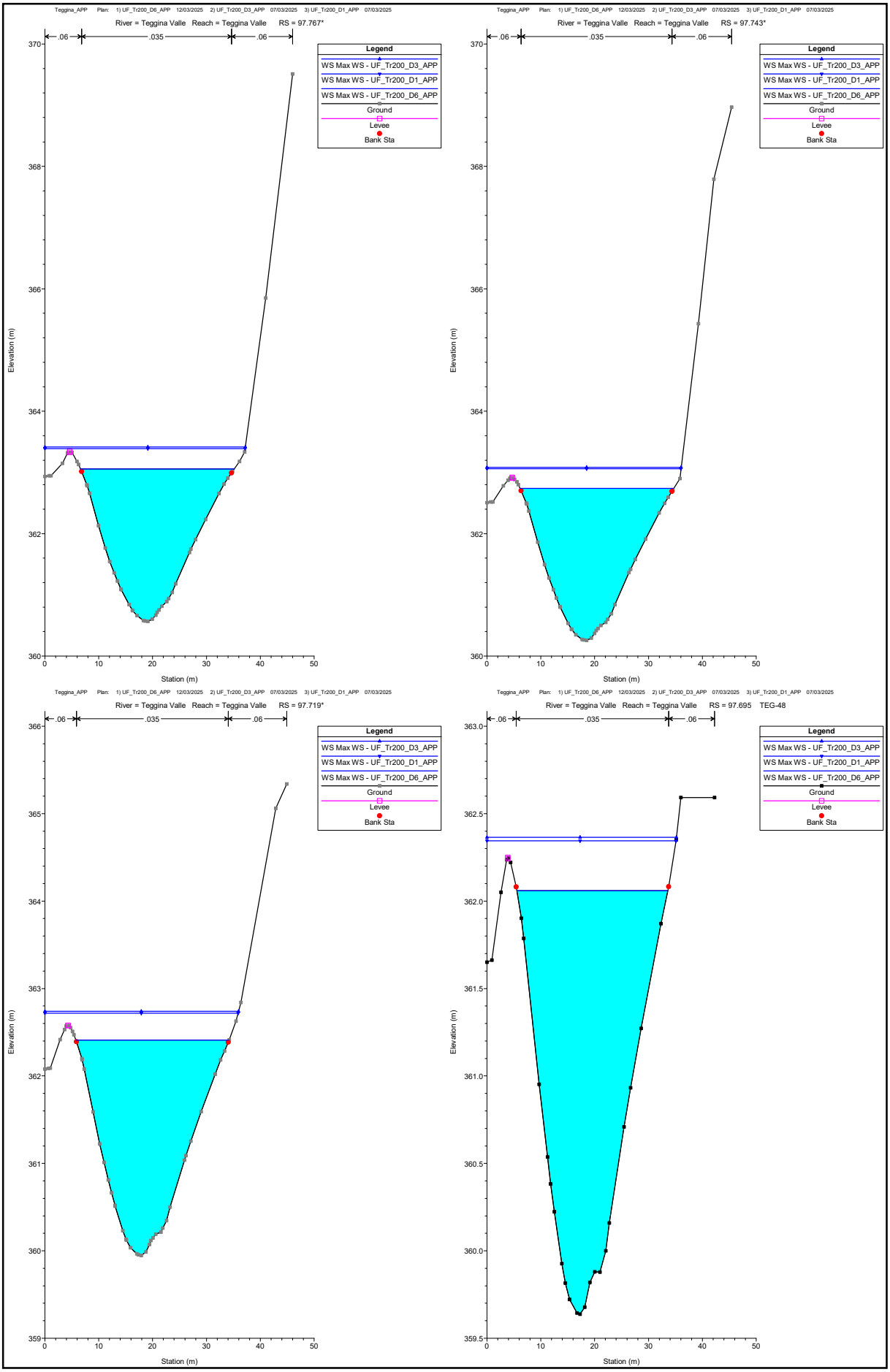
River = Teggina Valle Reach = Teggina Valle RS = 97.863 TEG-49
.06
.035
.06
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 97.839*
.06
.035
.06
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 97.815*
.06
.035
.06
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 97.791*
.06
.035
.06
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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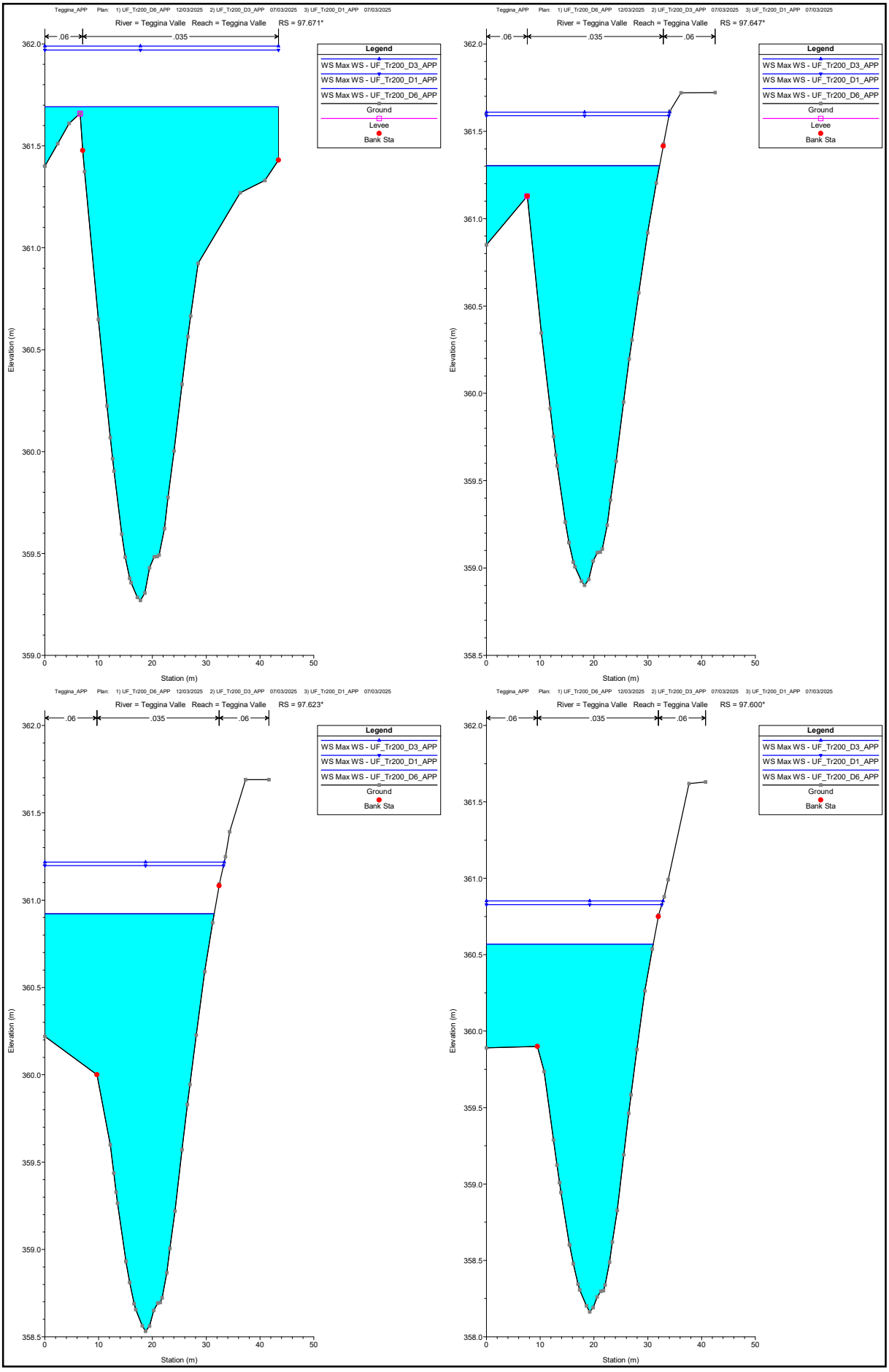
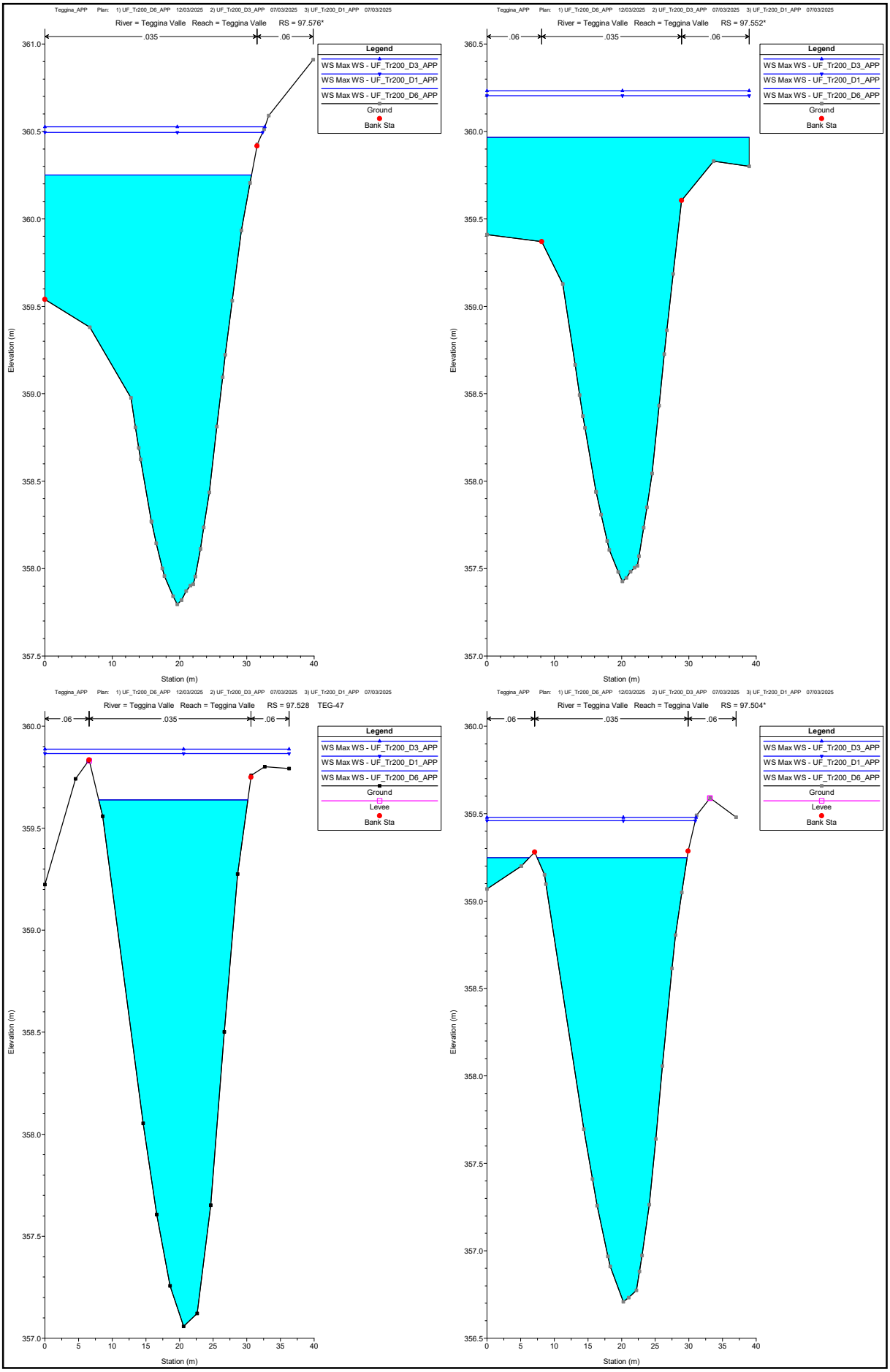
River = Teggina Valle Reach = Teggina Valle RS = 97.767*
.06
.035
.06
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 97.743*
.06
.035
.06
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 97.719*
.06
.035
.06
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 97.695 TEG-48
.06
.035
.06
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)


Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 97.671*
.06
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 97.647*
.06
.035
.06
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 97.623*
.06
.035
.06
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 97.600*
.06
.035
.06
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)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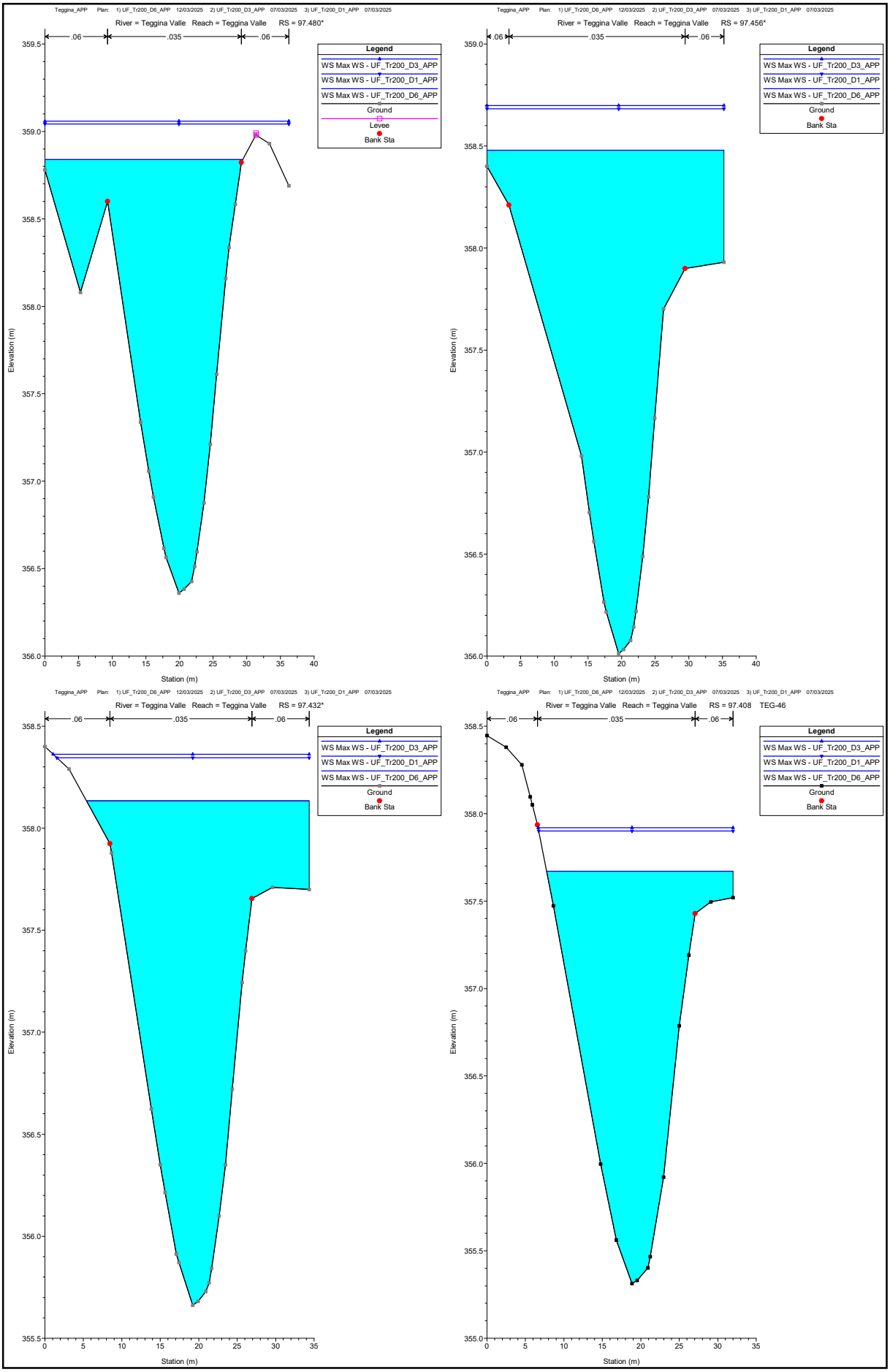
River = Teggina Valle Reach = Teggina Valle RS = 97.576*
.035
.06
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 97.552*
.06
.035
.06
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 97.528 TEG-47
.06
.035
.06
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 97.504*
.06
.035
.06
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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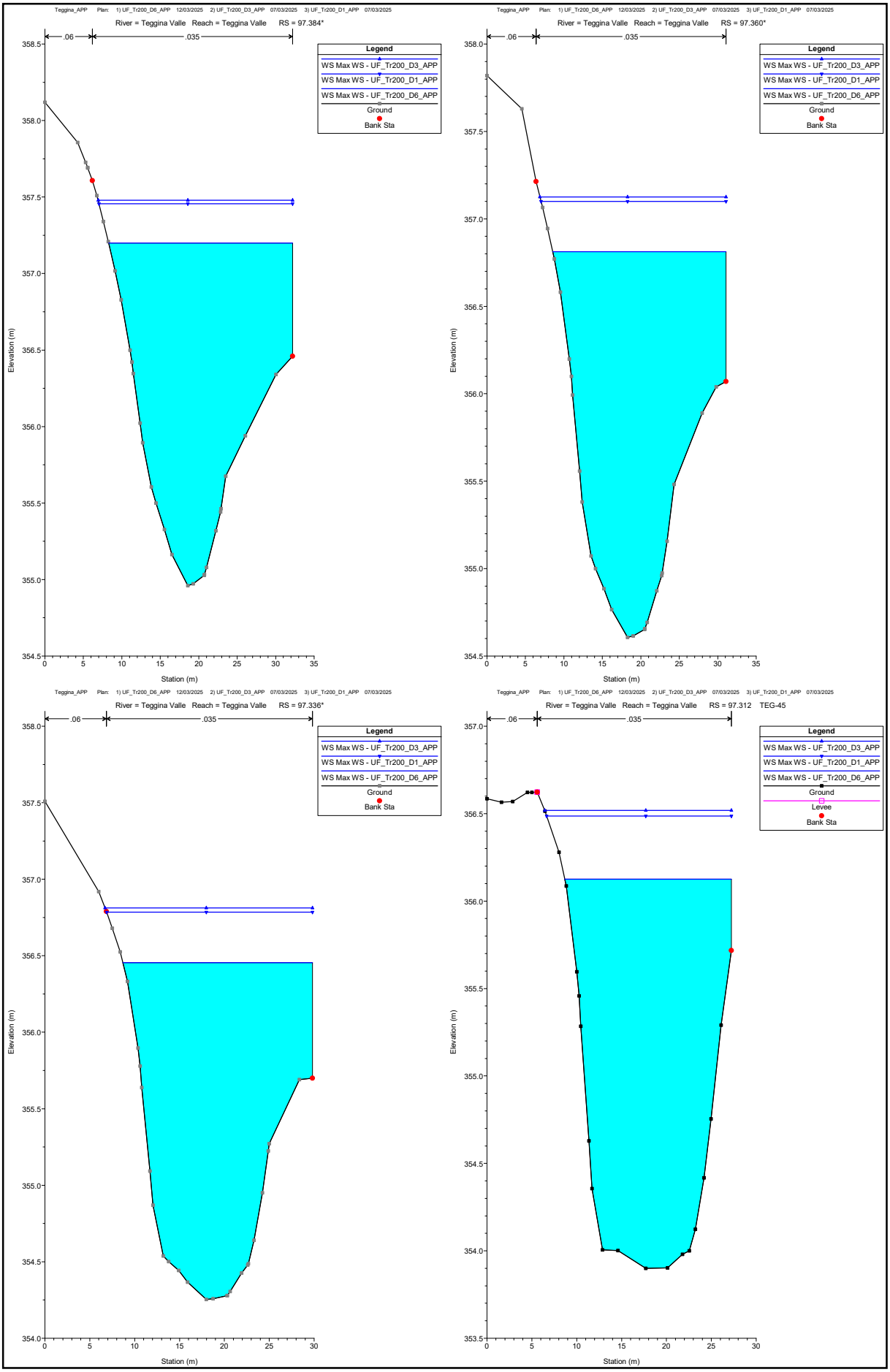
River = Teggina Valle Reach = Teggina Valle RS = 97.480*
.06
.035
.06
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 97.456*
.06
.035
.06
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 97.432*
.06
.035
.06
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 97.408 TEG-46
.06
.035
.06
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)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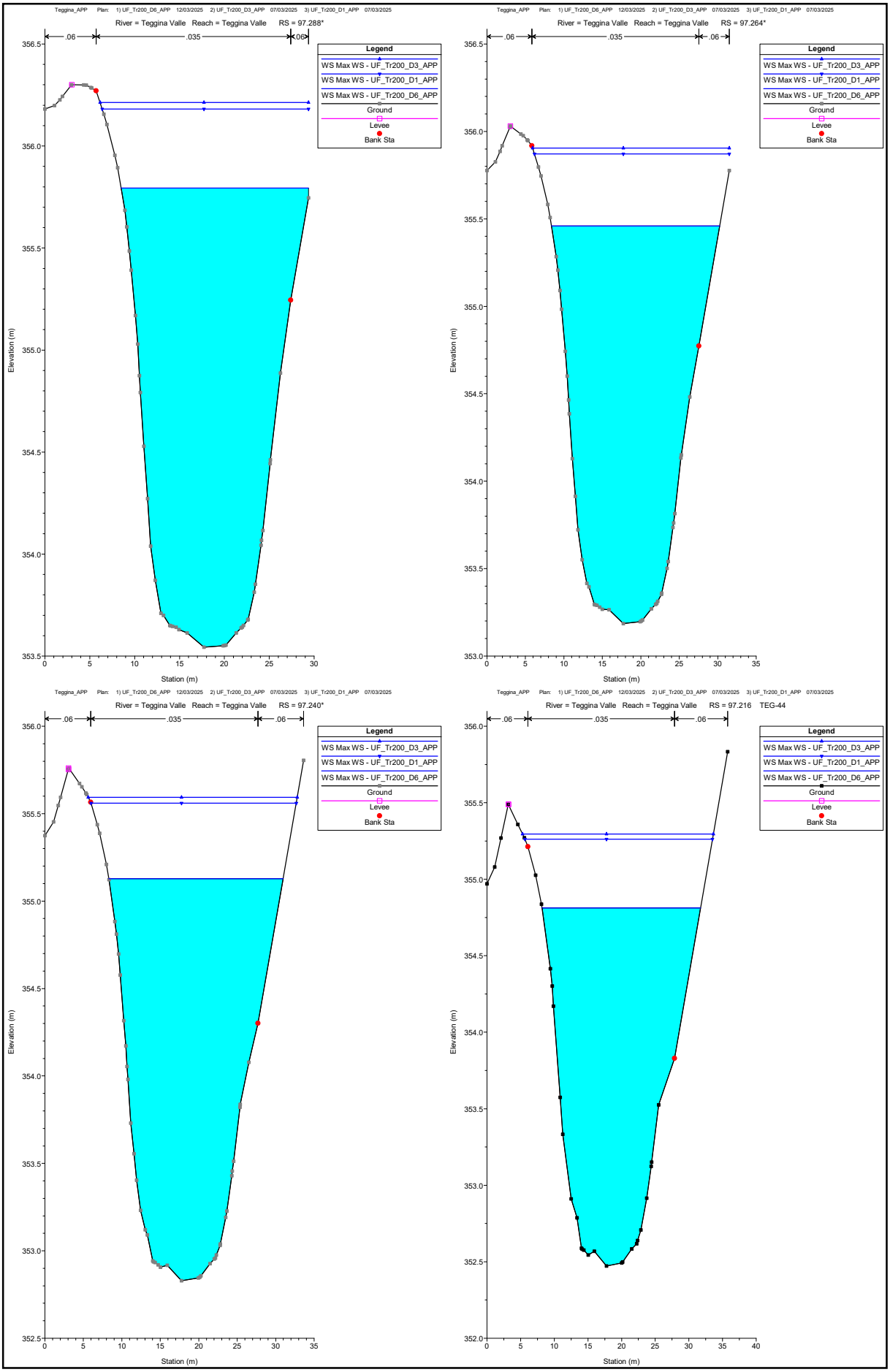
River = Teggina Valle Reach = Teggina Valle RS = 97.384*
.06
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 97.360*
.06
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 97.336*
.06
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 97.312 TEG-45
.06
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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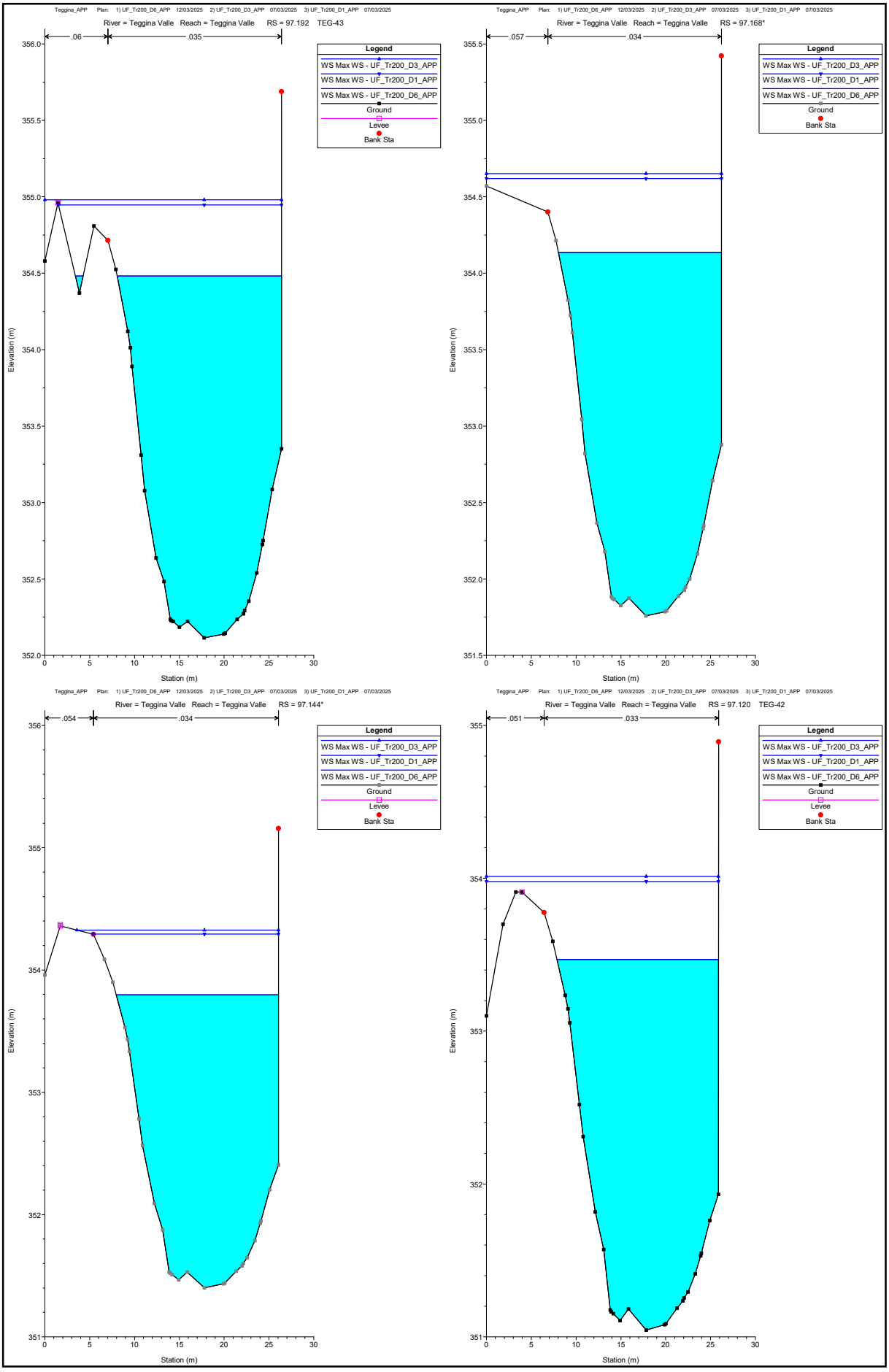
River = Teggina Valle Reach = Teggina Valle RS = 97.288*
.06
.035
.06
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 97.264*
.06
.035
.06
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 97.240*
.06
.035
.06
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 97.216 TEG-44
.06
.035
.06
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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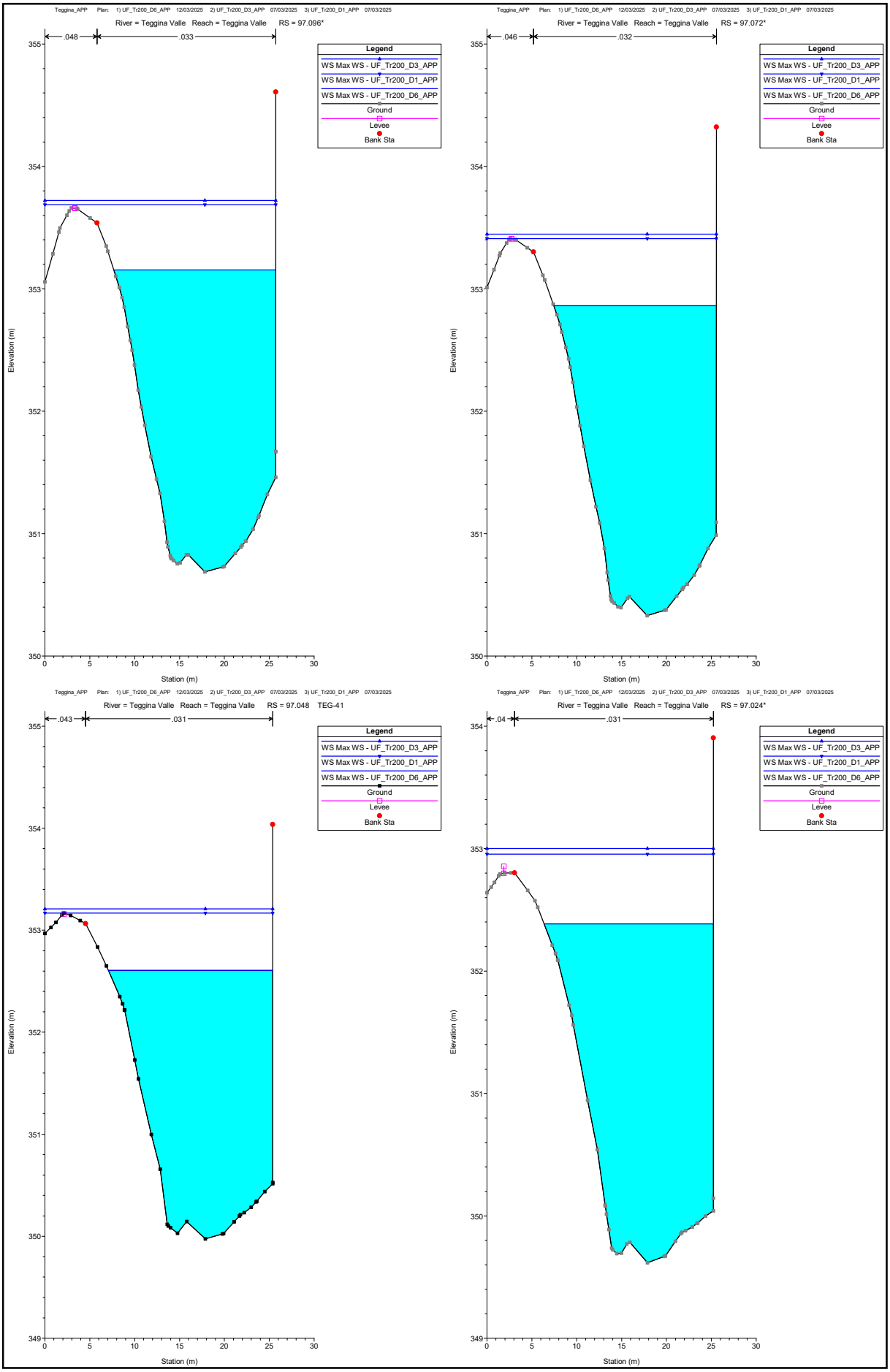
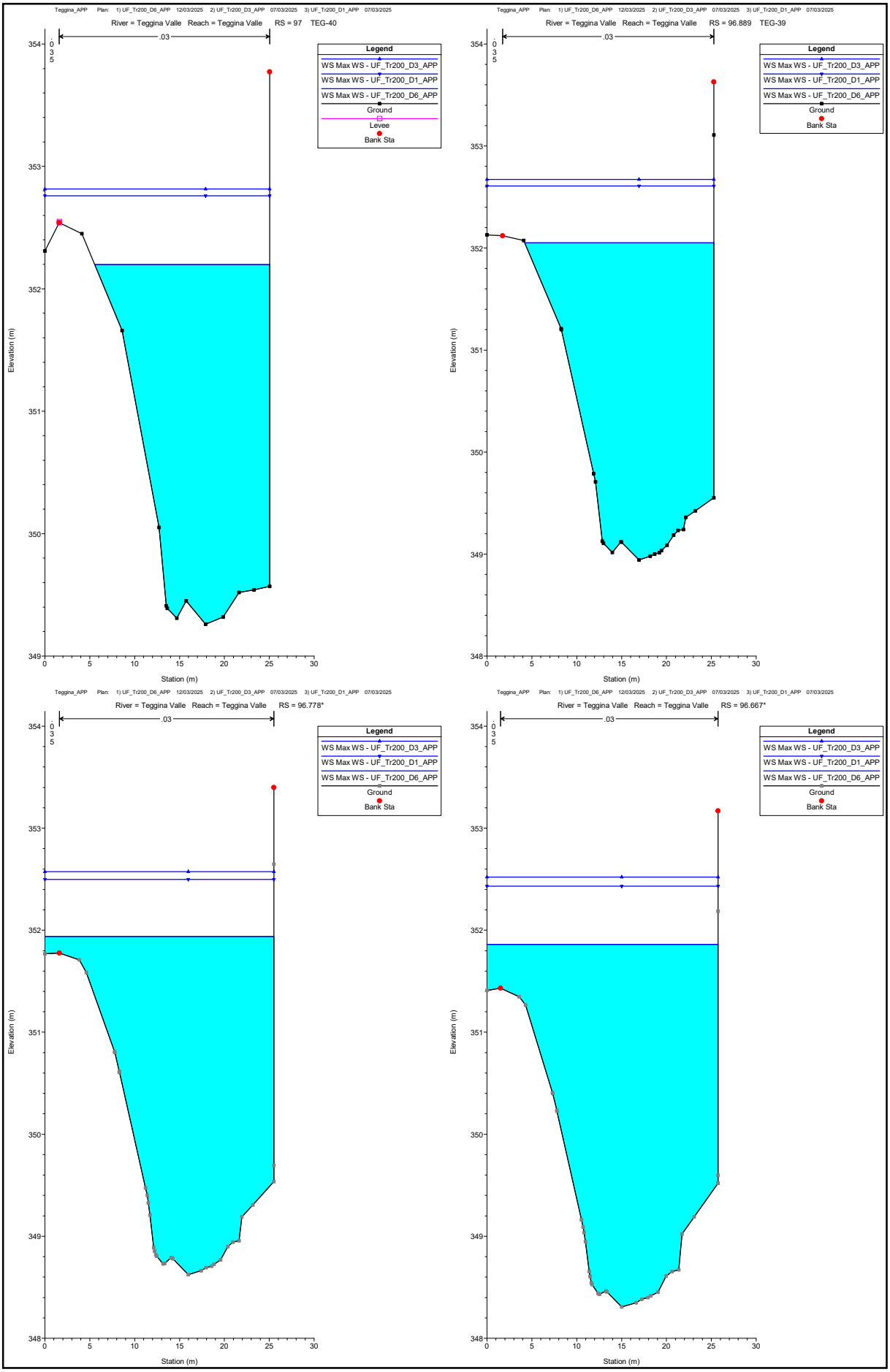
River = Teggina Valle Reach = Teggina Valle RS = 97.192 TEG-43
.06
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 97.168*
.057
.034
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 97.144*
.054
.034
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 97.120 TEG-42
.051
.033
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)


Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 97.096*
.048
.033
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 97.072*
.046
.032
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 97.048 TEG-41
.043
.031
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 97.024*
.04
.031
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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River = Teggina Valle Reach = Teggina Valle RS = 97 TEG-40
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 96.889 TEG-39
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 96.778*
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 96.667*
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
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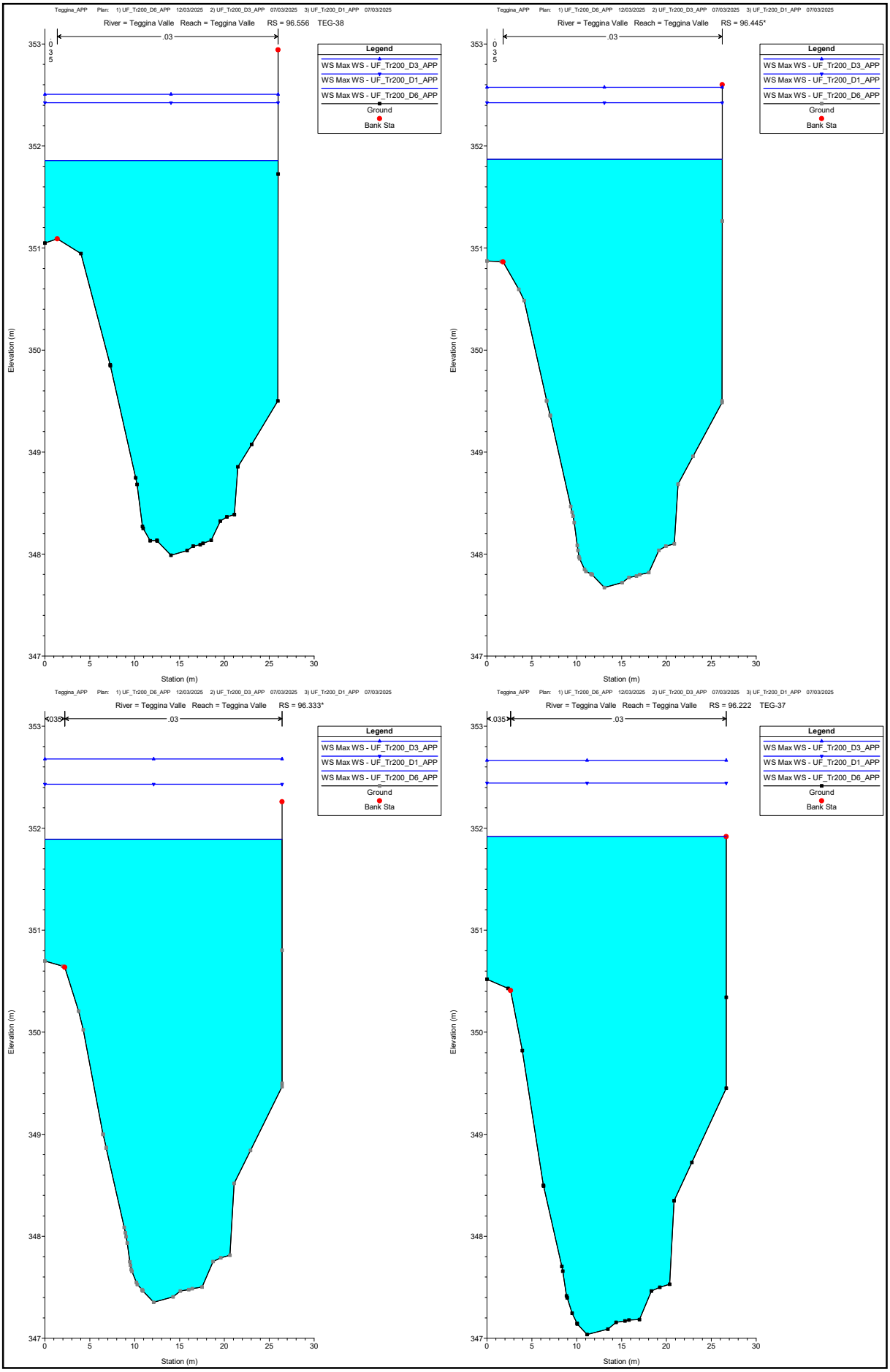
Ground
Bank Sta
Elevation (m)
Station (m)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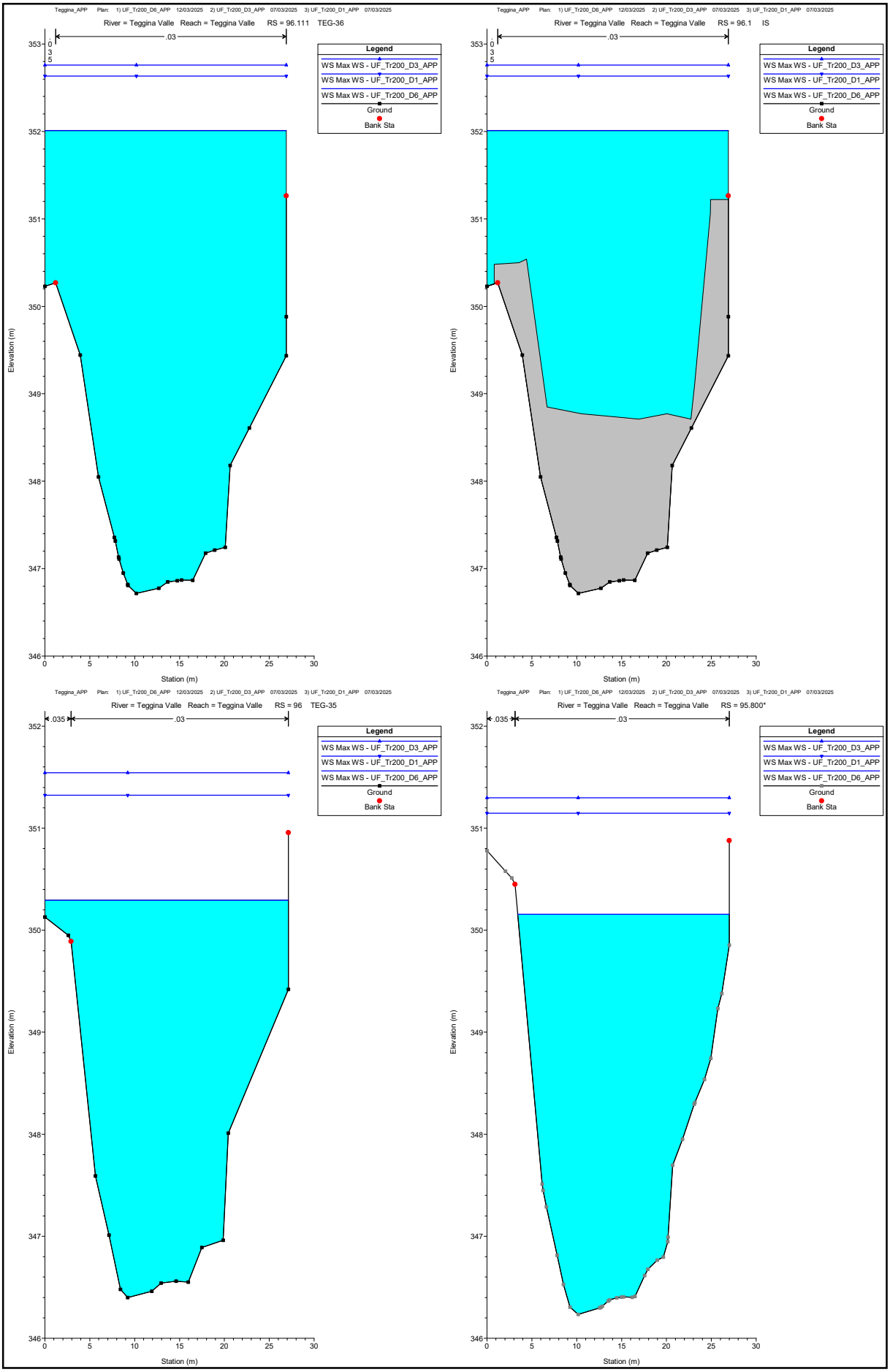
River = Teggina Valle Reach = Teggina Valle RS = 96.556 TEG-38
.03
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 96.445*
.03
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 96.333*
.035
.03
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 96.222 TEG-37
.035
.03
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)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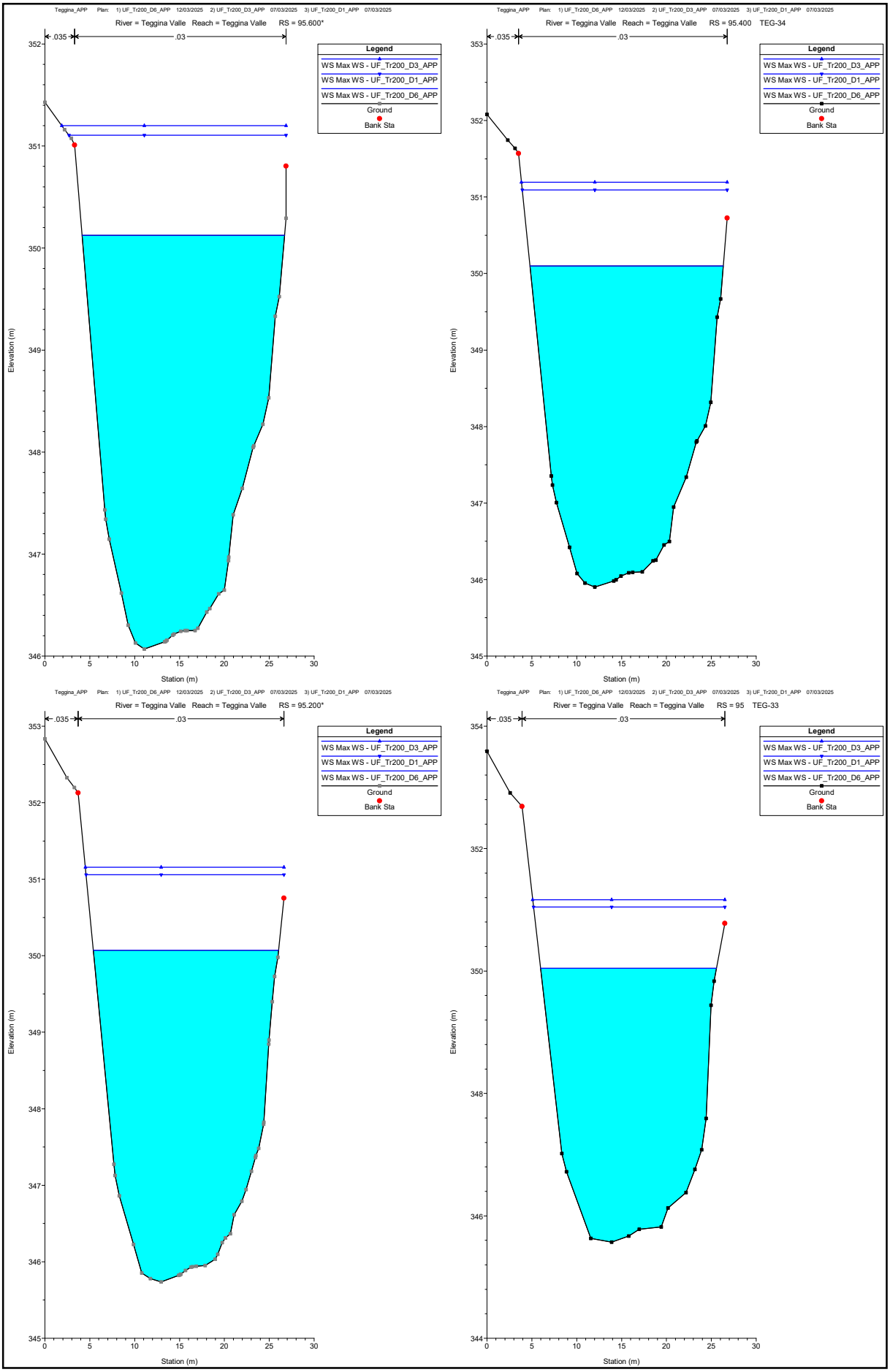
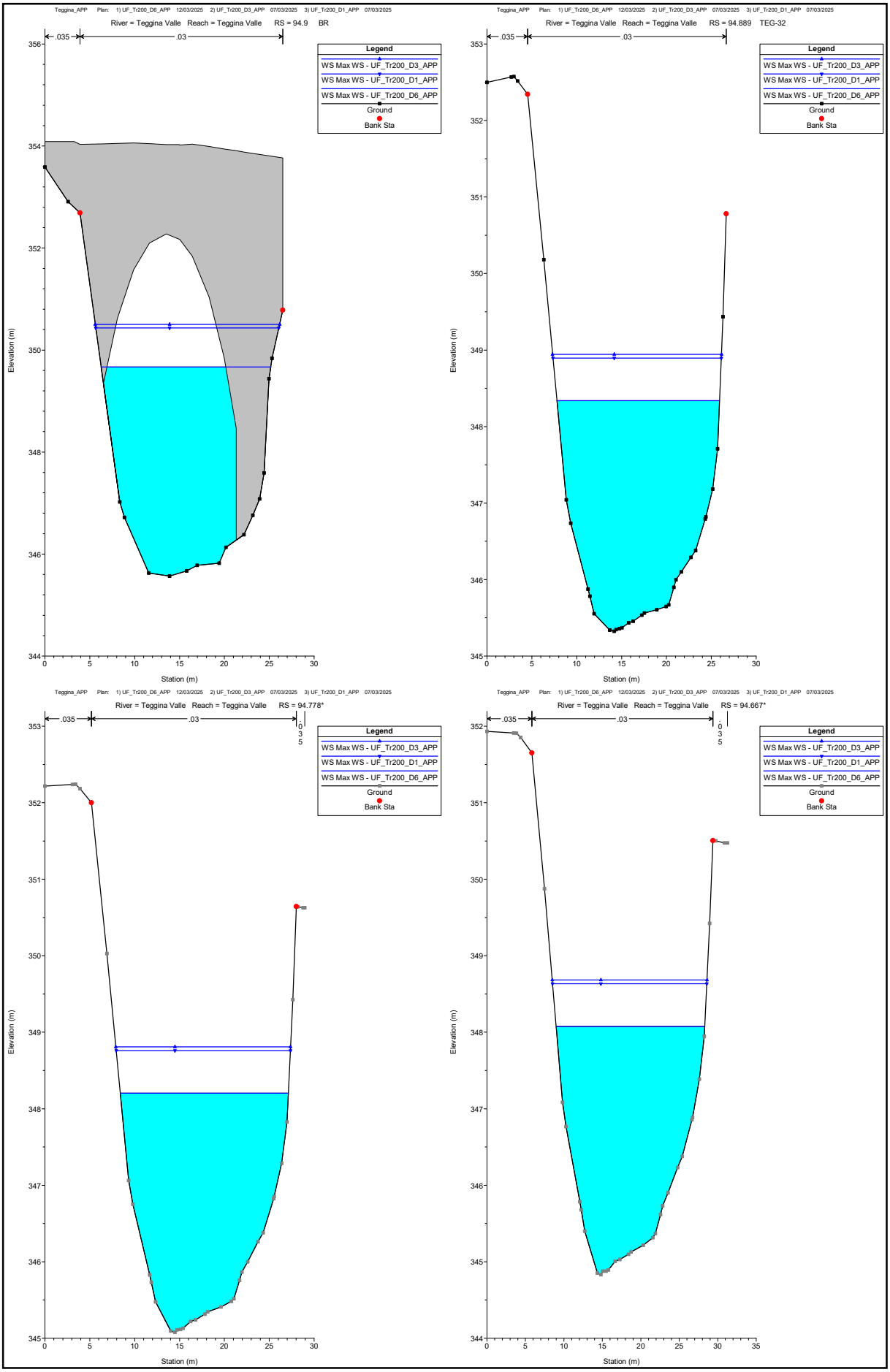
River = Teggina Valle Reach = Teggina Valle RS = 96.111 TEG-36
.03
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 96.1 IS
.03
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 96 TEG-35
.035
.03
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 95.800*
.035
.03
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)


Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 95.600*
.035
.03
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 95.400 TEG-34
.035
.03
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 95.200*
.035
.03
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 95 TEG-33
.035
.03
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)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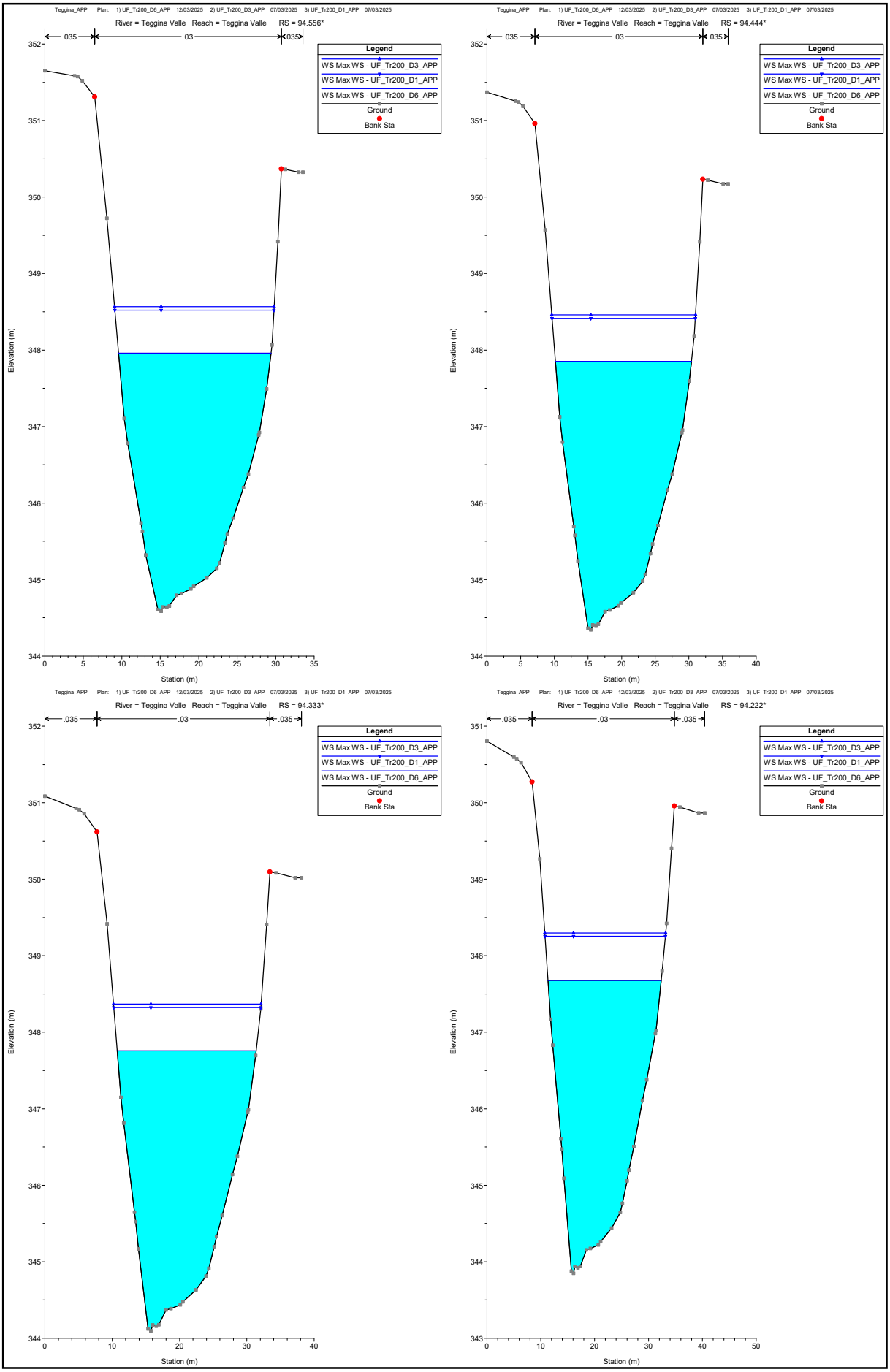
River = Teggina Valle Reach = Teggina Valle RS = 94.9 BR
.035
.03
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 94.889 TEG-32
.035
.03
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 94.778*
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 94.667*
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)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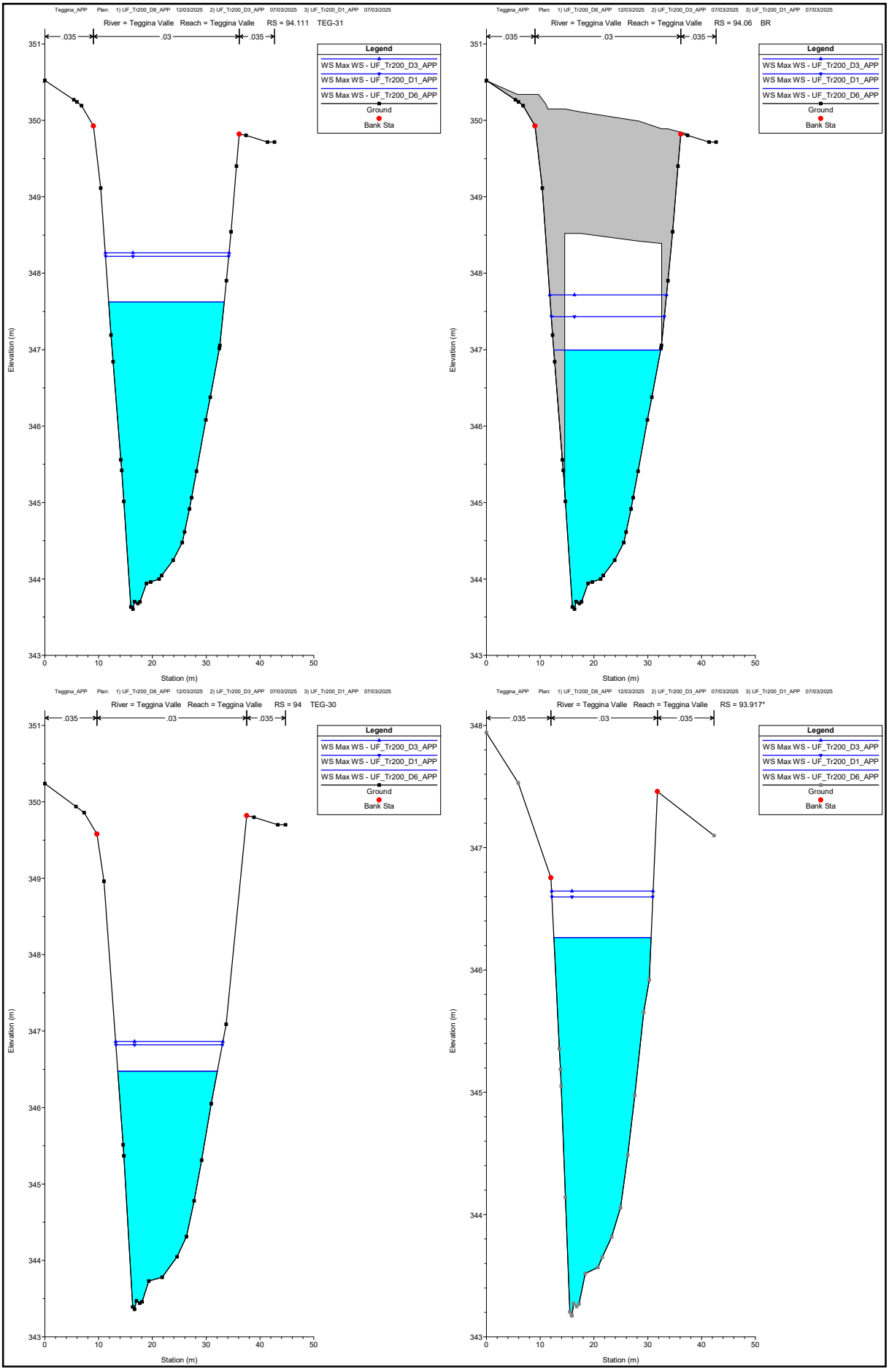
River = Teggina Valle Reach = Teggina Valle RS = 94.556*
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 94.444*
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 94.333*
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 94.222*
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)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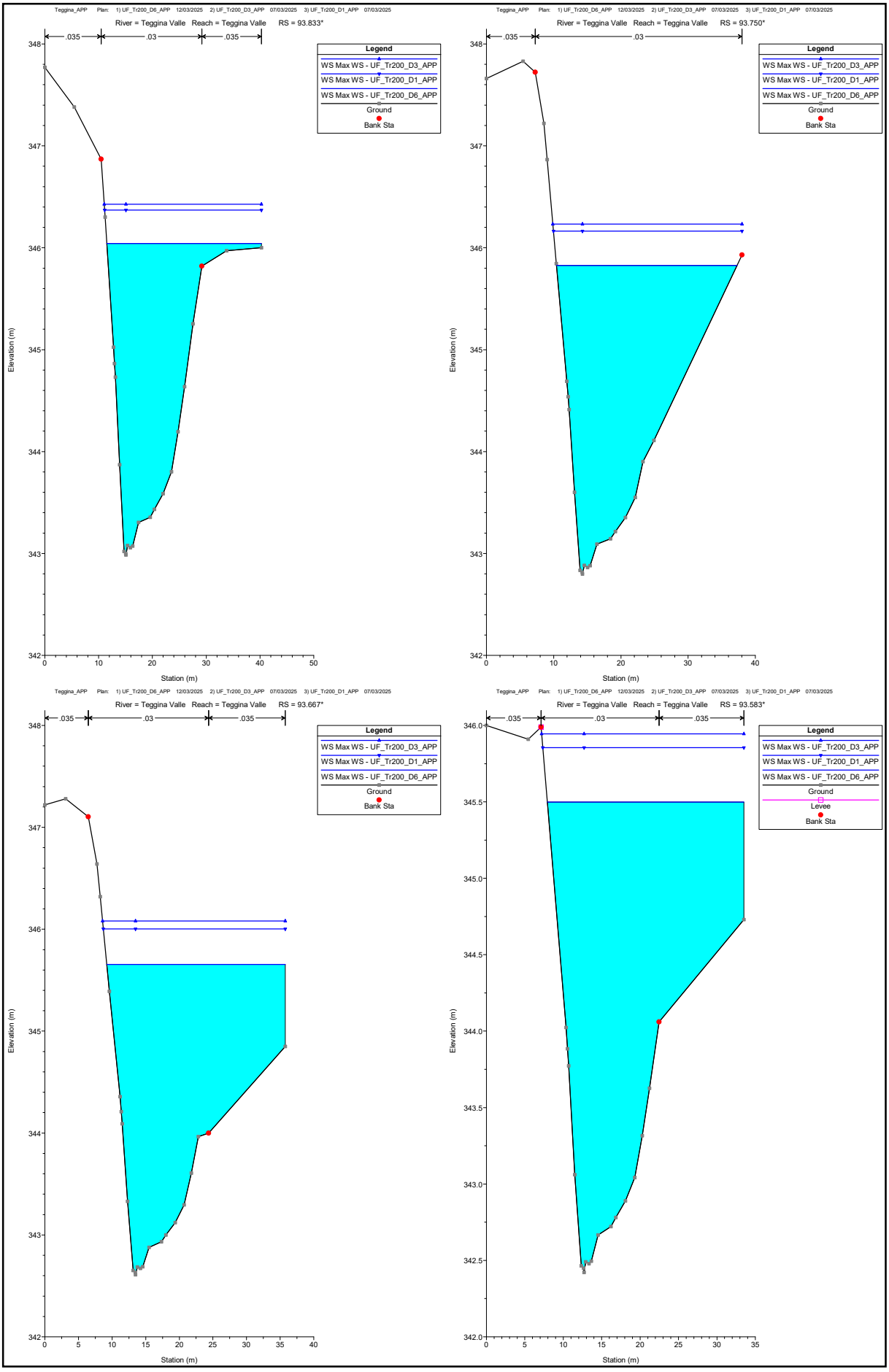
River = Teggina Valle Reach = Teggina Valle RS = 94.111 TEG-31
.035 .03 .035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 94.06 BR
.035 .03 .035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 94 TEG-30
.035 .03 .035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 93.917*
.035 .03 .035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)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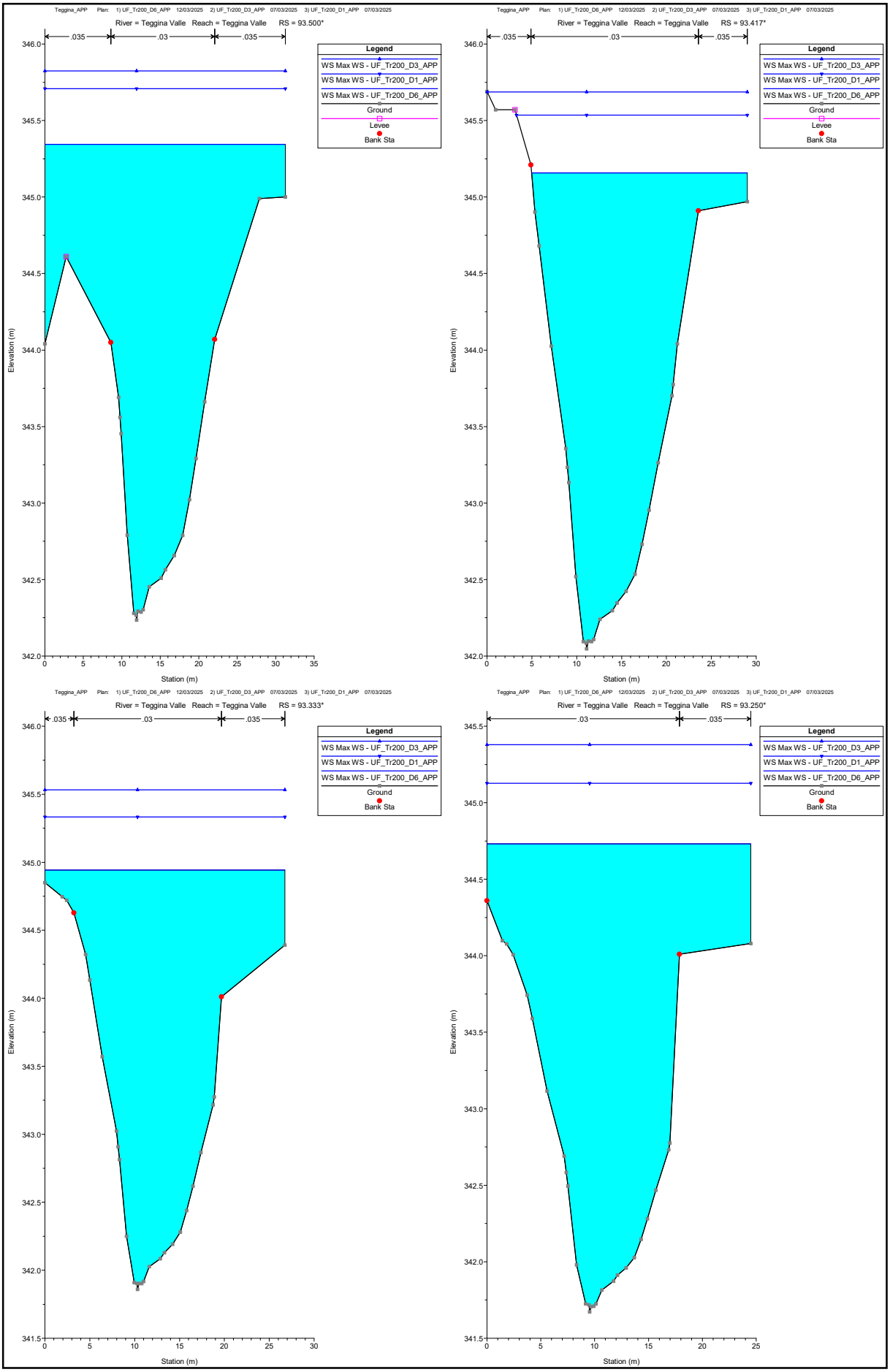
River = Teggina Valle Reach = Teggina Valle RS = 93.833*
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 93.750*
.035
.03
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 93.667*
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 93.583*
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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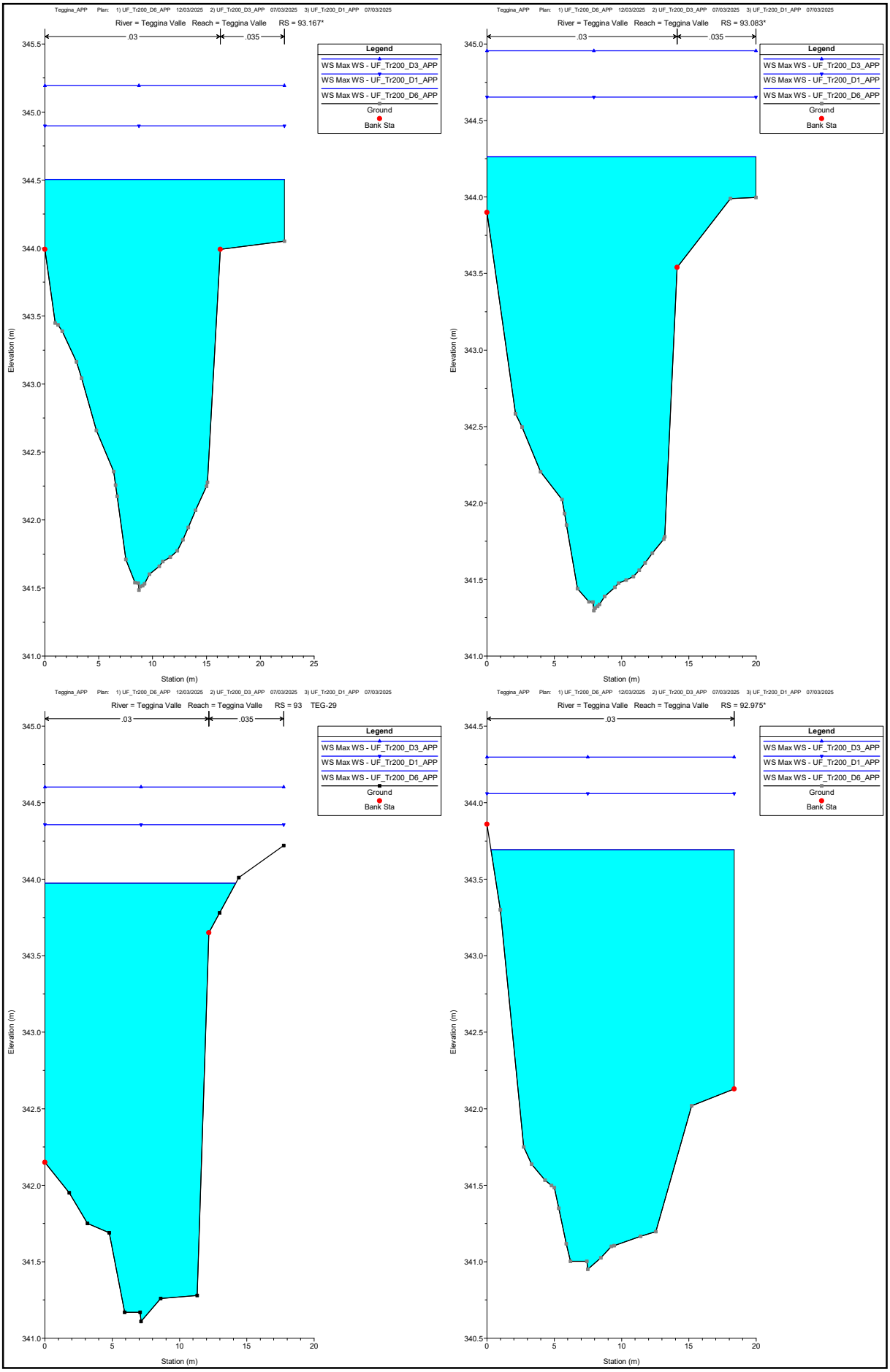
River = Teggina Valle Reach = Teggina Valle RS = 93.500*
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 93.417*
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 93.333*
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 93.250*
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)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River = Teggina Valle Reach = Teggina Valle RS = 93.167*
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 93.083*
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 93 TEG-29
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 92.975*
.03
Legend
WS Max WS - UF_Tr200_D3_APP
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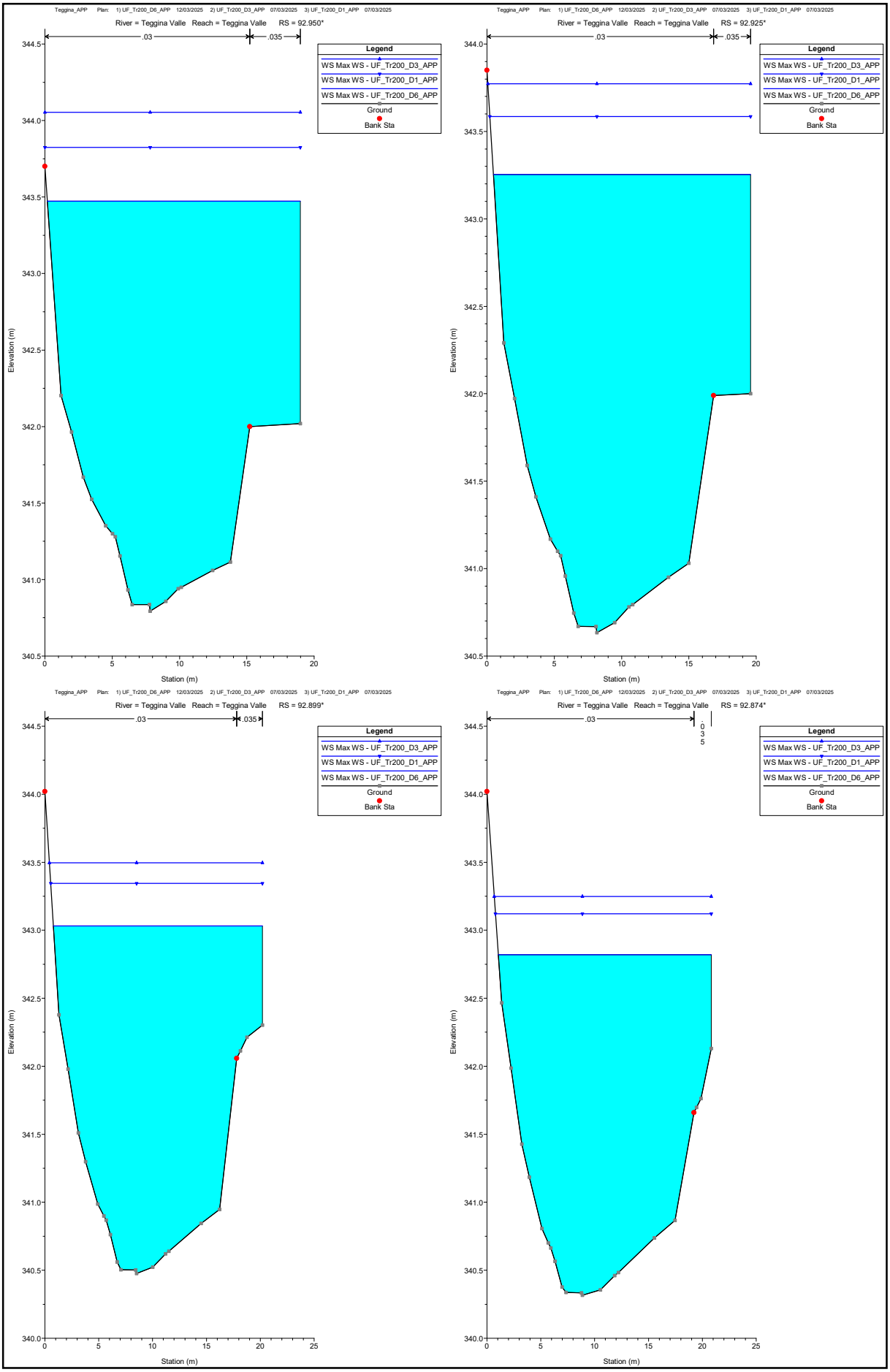
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)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River = Teggina Valle Reach = Teggina Valle RS = 92.950*
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 92.925*
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 92.899*
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 92.874*
.03
Legend
WS Max WS - UF_Tr200_D3_APP
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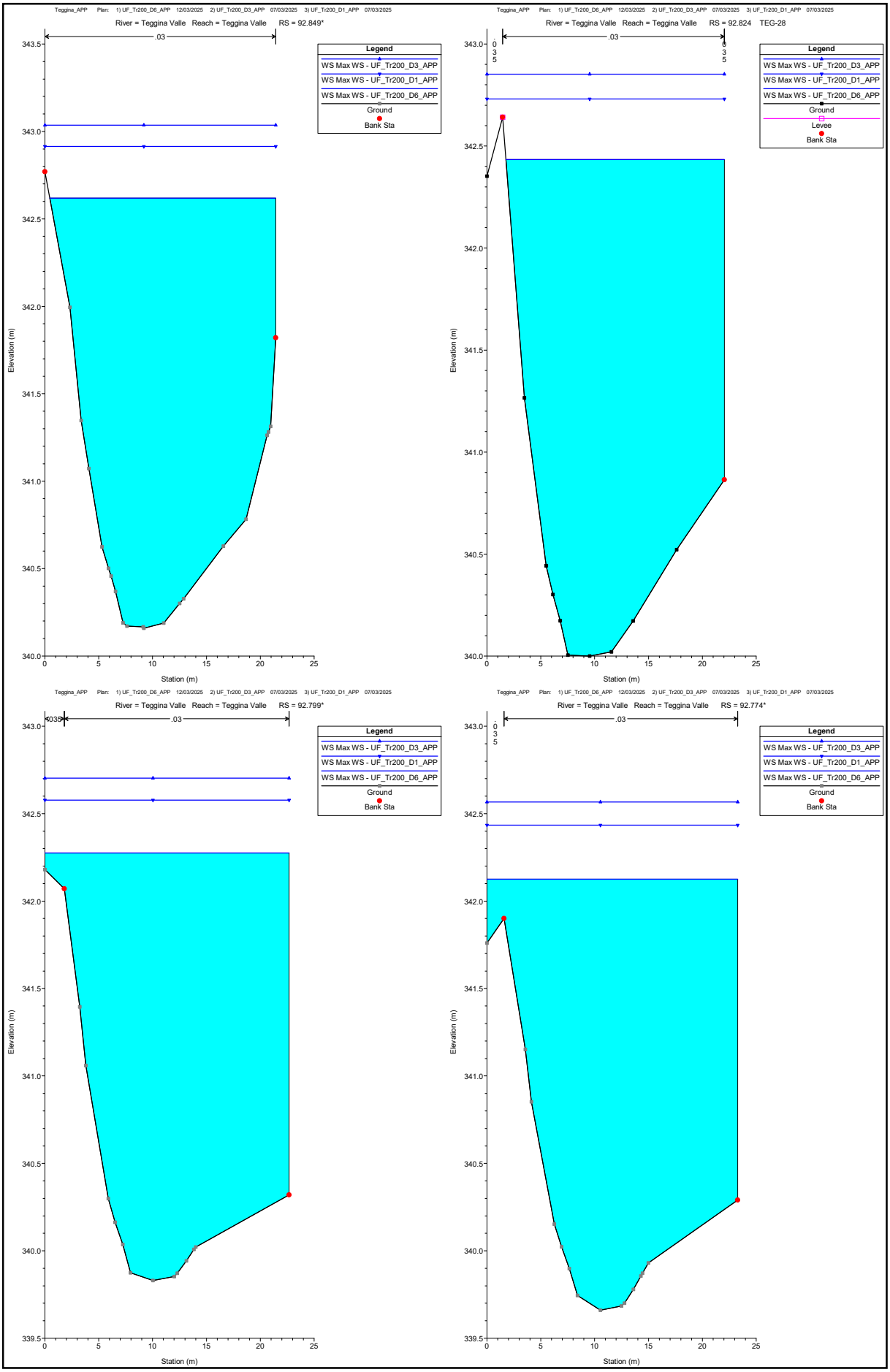
Elevation (m)
Station (m)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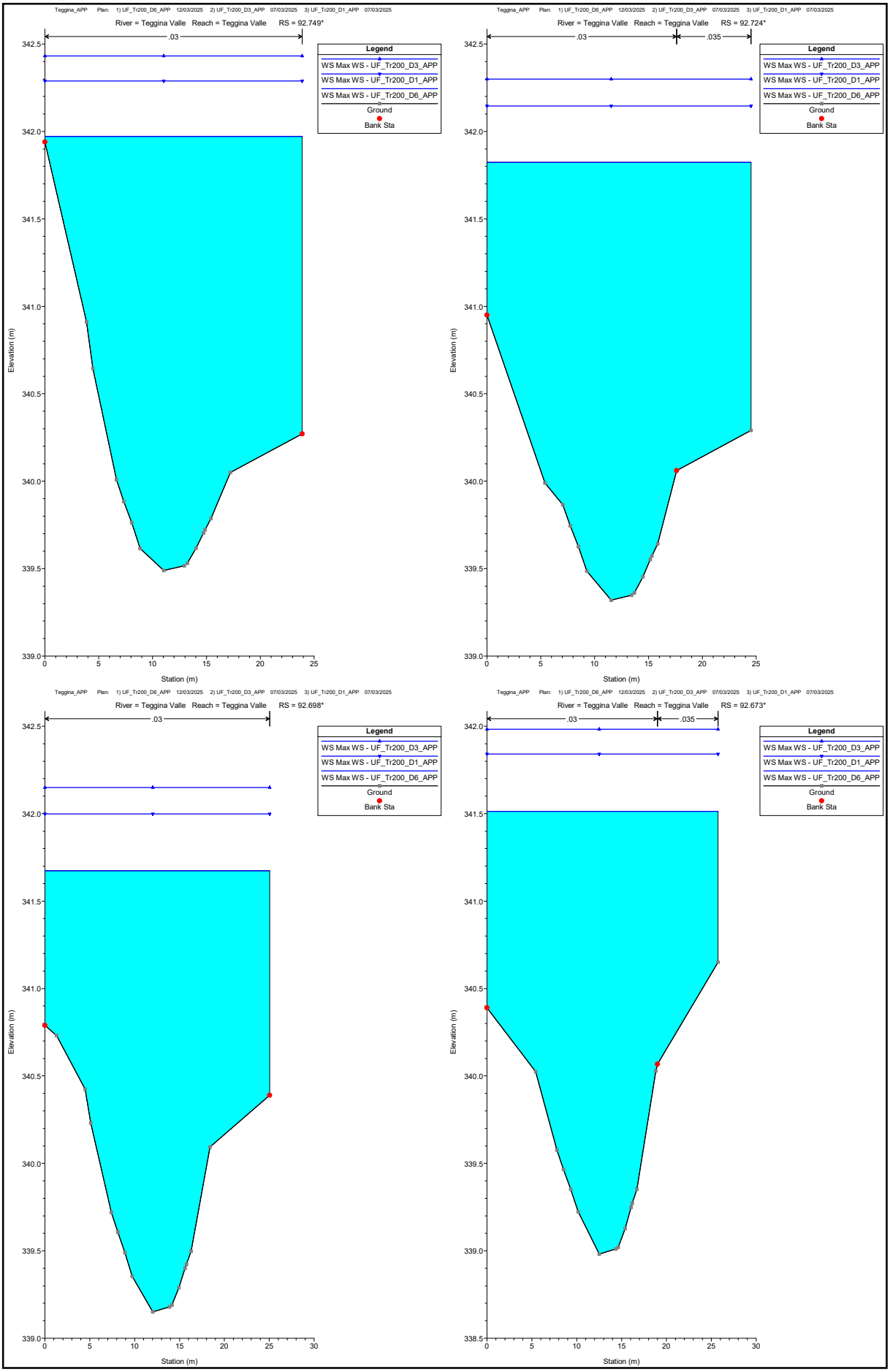
River = Teggina Valle Reach = Teggina Valle RS = 92.849*
.03
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 92.824 TEG-28
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 92.799*
.035
.03
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 92.774*
.035
.03
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)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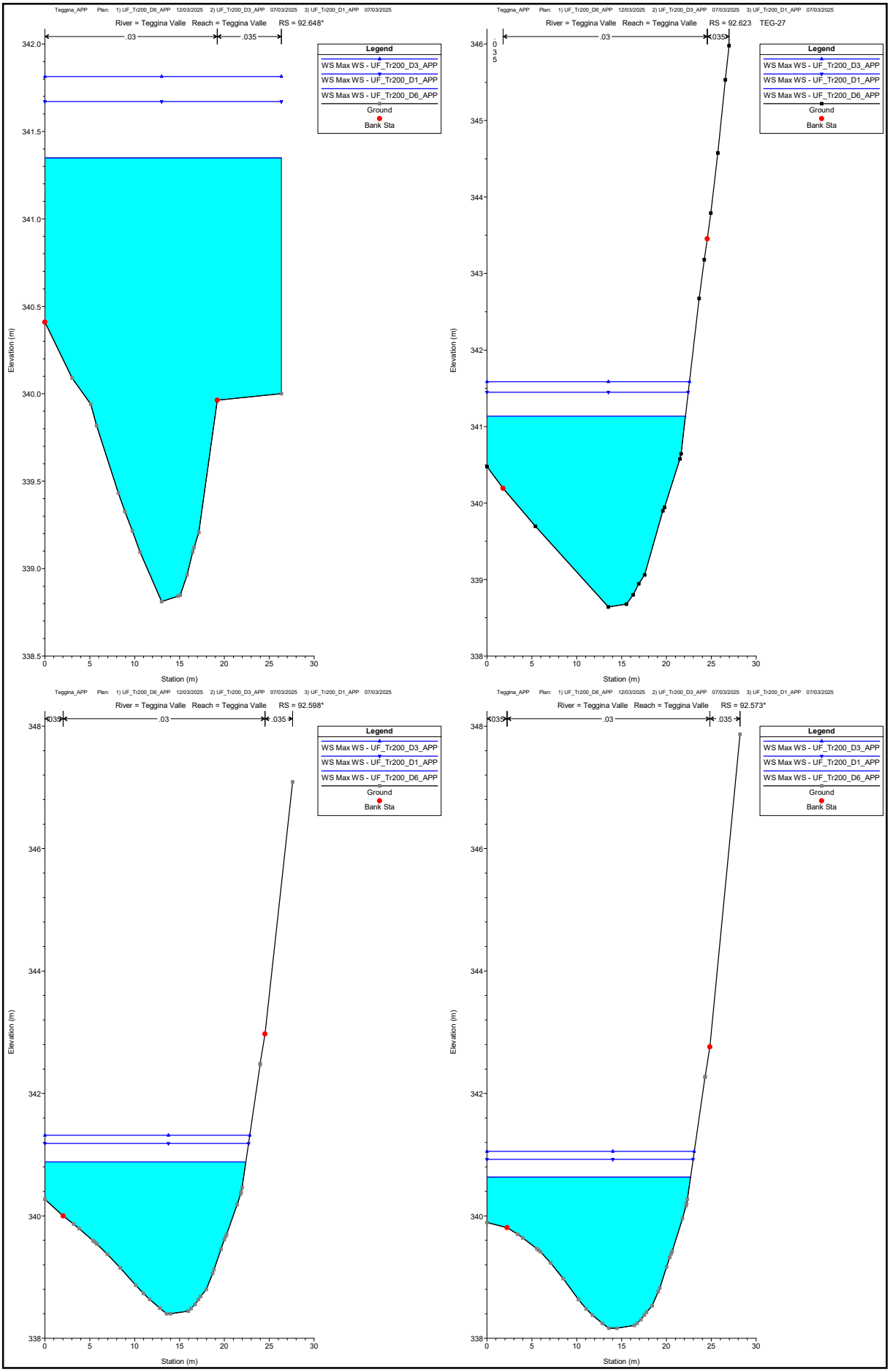
River = Teggina Valle Reach = Teggina Valle RS = 92.749*
.03
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 92.724*
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 92.698*
.03
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 92.673*
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)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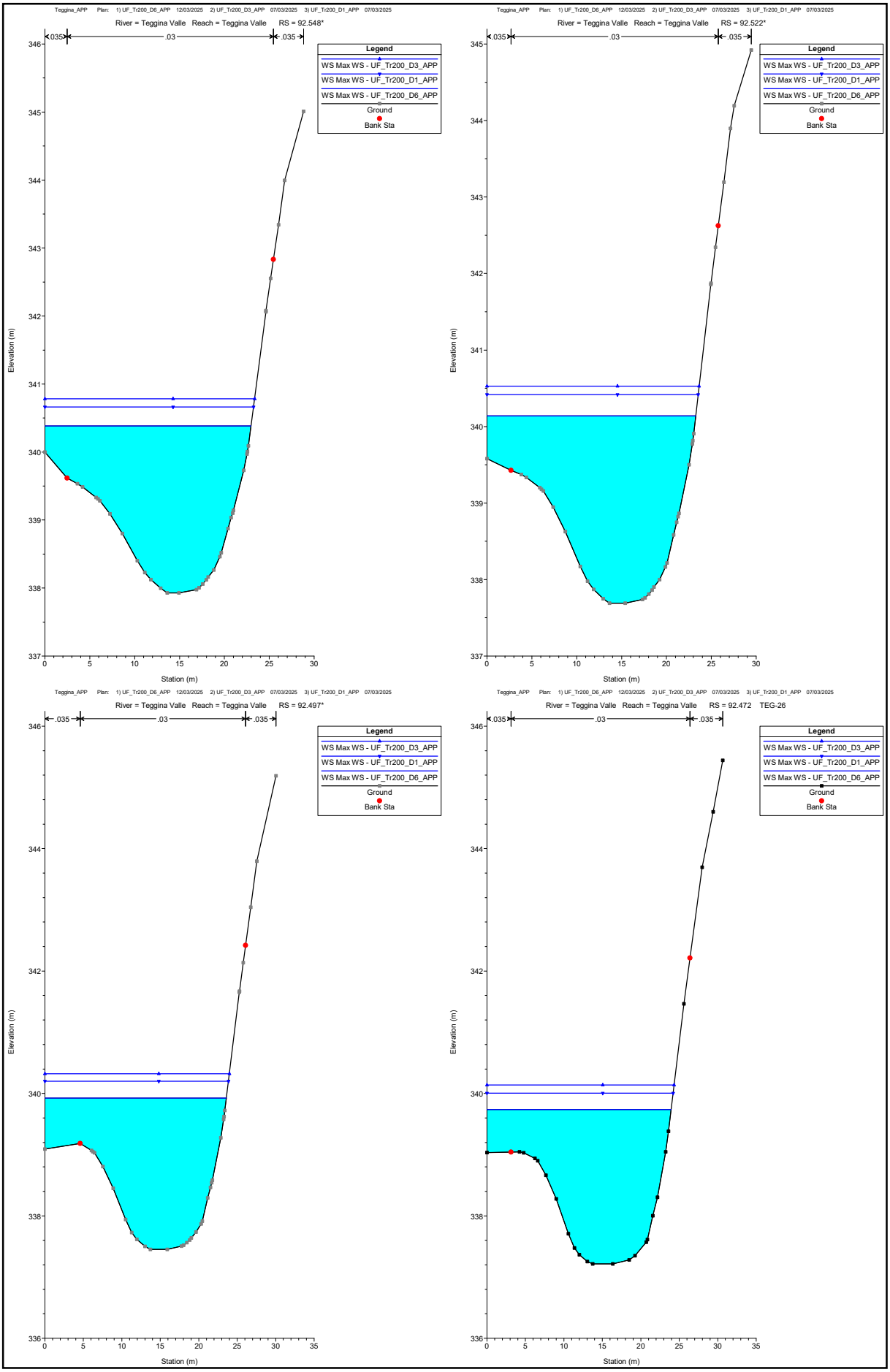
River = Teggina Valle Reach = Teggina Valle RS = 92.648*
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 92.623 TEG-27
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 92.598*
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 92.573*
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)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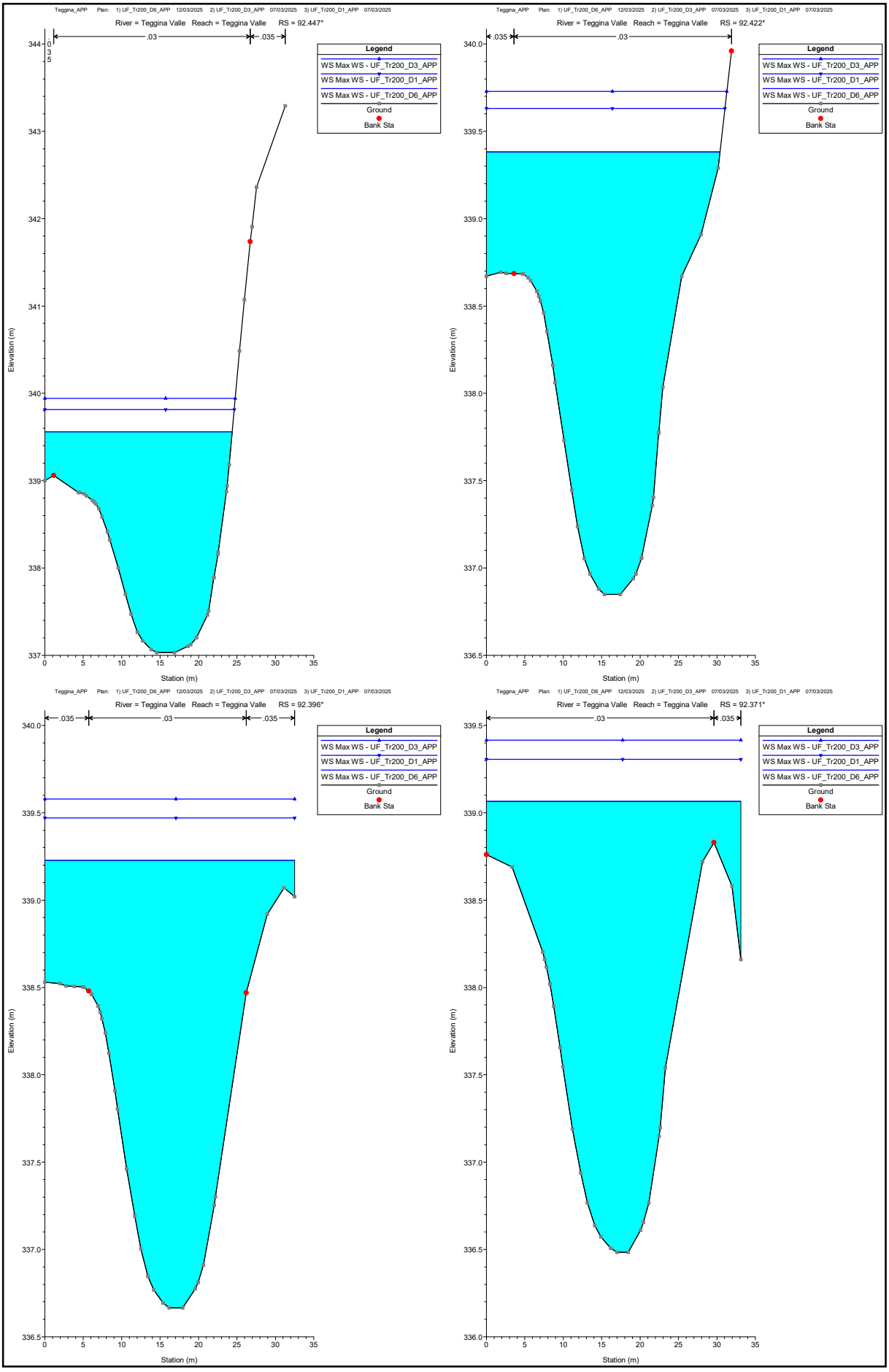
River = Teggina Valle Reach = Teggina Valle RS = 92.548*
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 92.522*
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 92.497*
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 92.472 TEG-26
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)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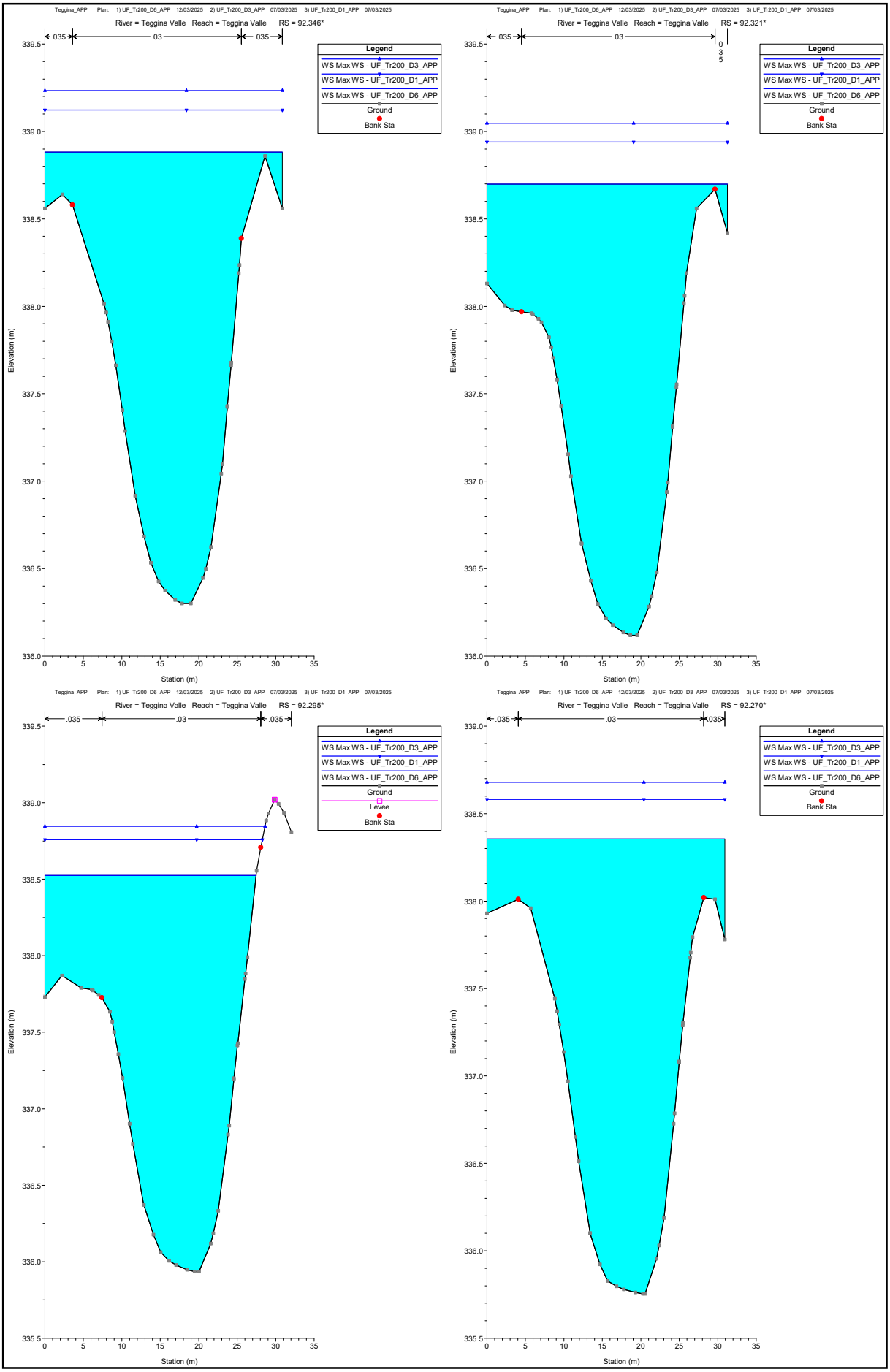
River = Teggina Valle Reach = Teggina Valle RS = 92.447*
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 92.422*
.035
.03
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 92.396*
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 92.371*
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)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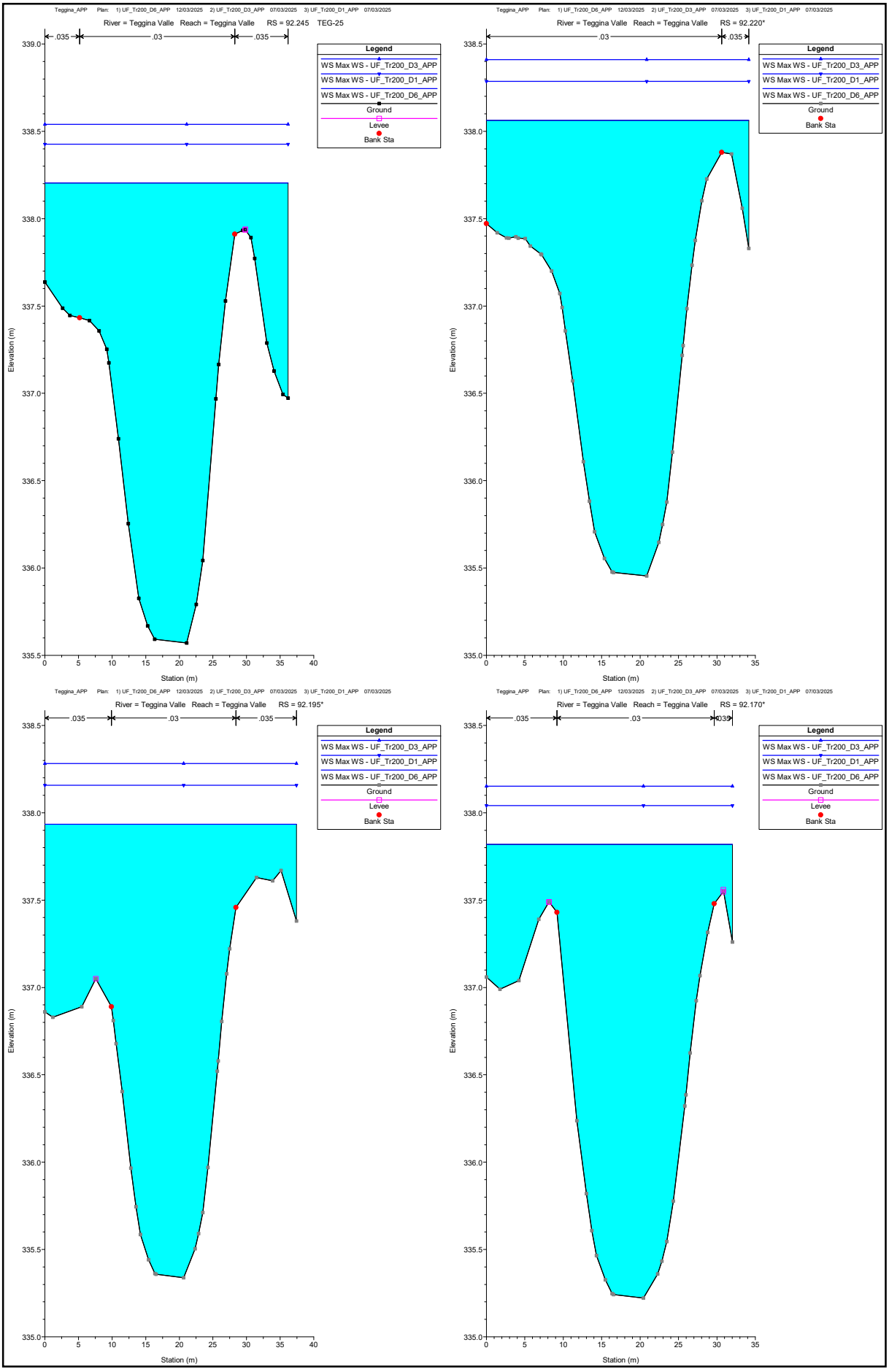
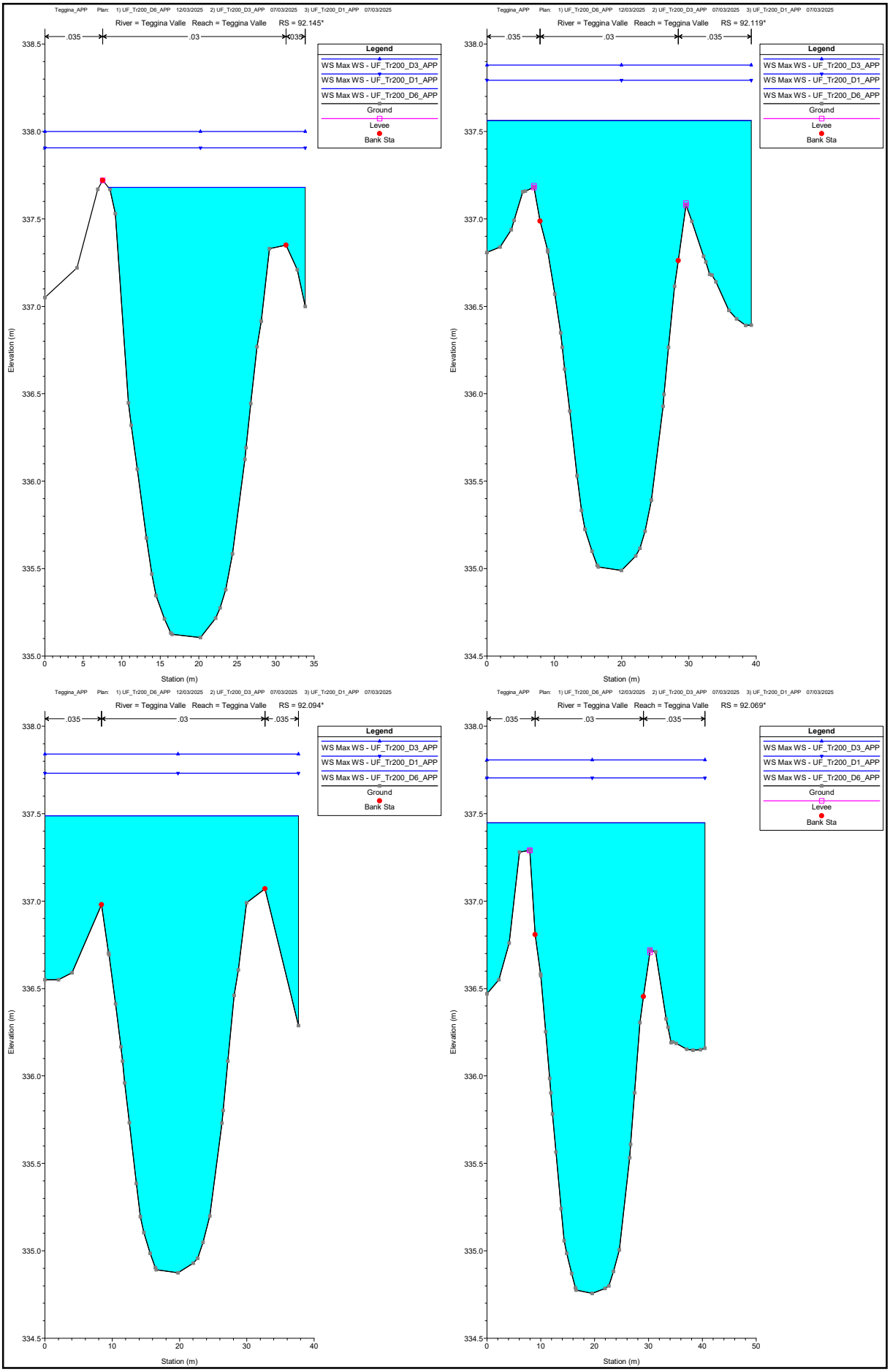
River = Teggina Valle Reach = Teggina Valle RS = 92.346*
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 92.321*
.035
.03
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 92.295*
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 92.270*
.035
.03
035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)


Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 92.245 TEG-25
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 92.220*
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 92.195*
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 92.170*
.035
.03
.039
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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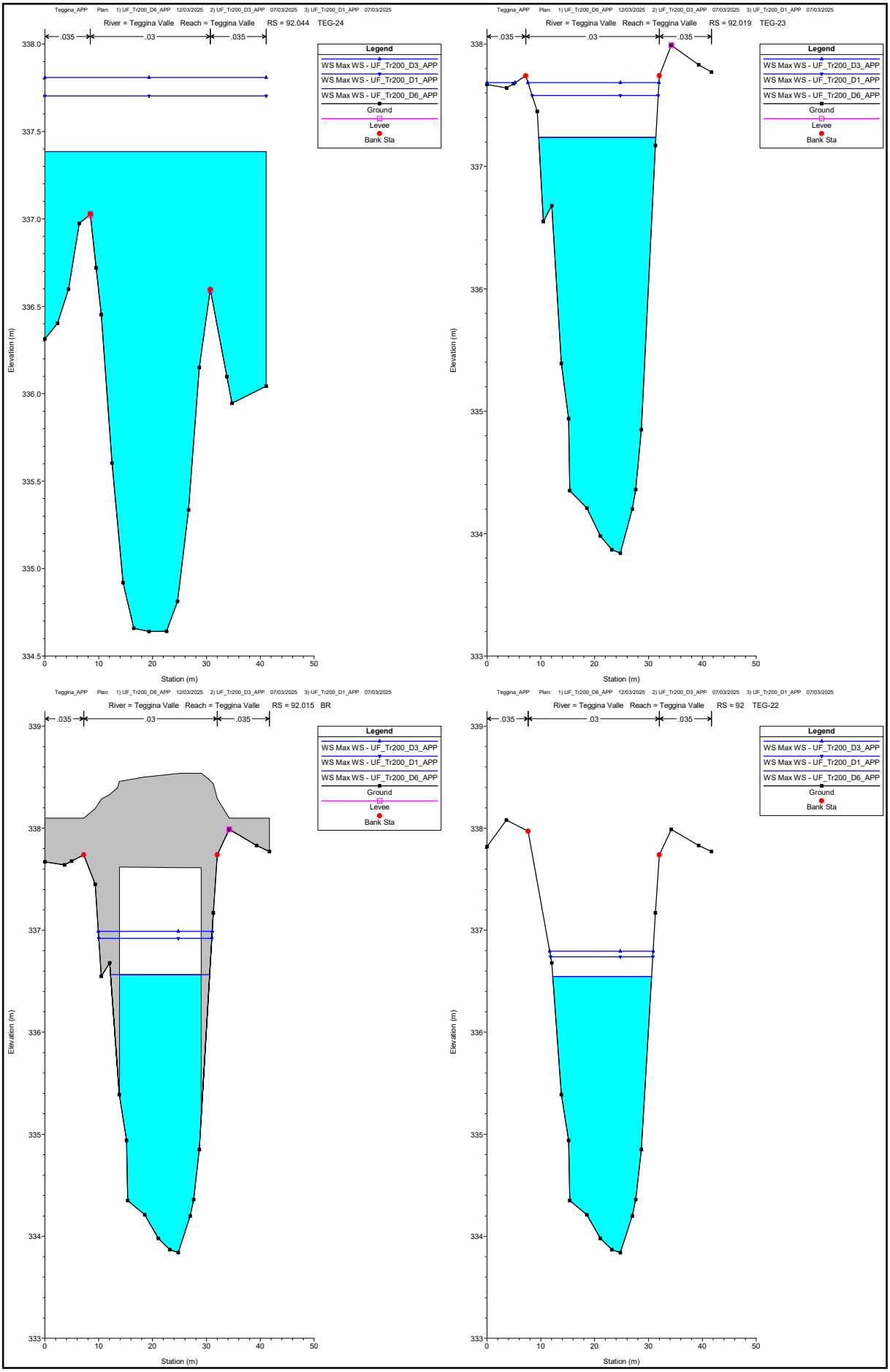
River = Teggina Valle Reach = Teggina Valle RS = 92.145*
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 92.119*
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 92.094*
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 92.069*
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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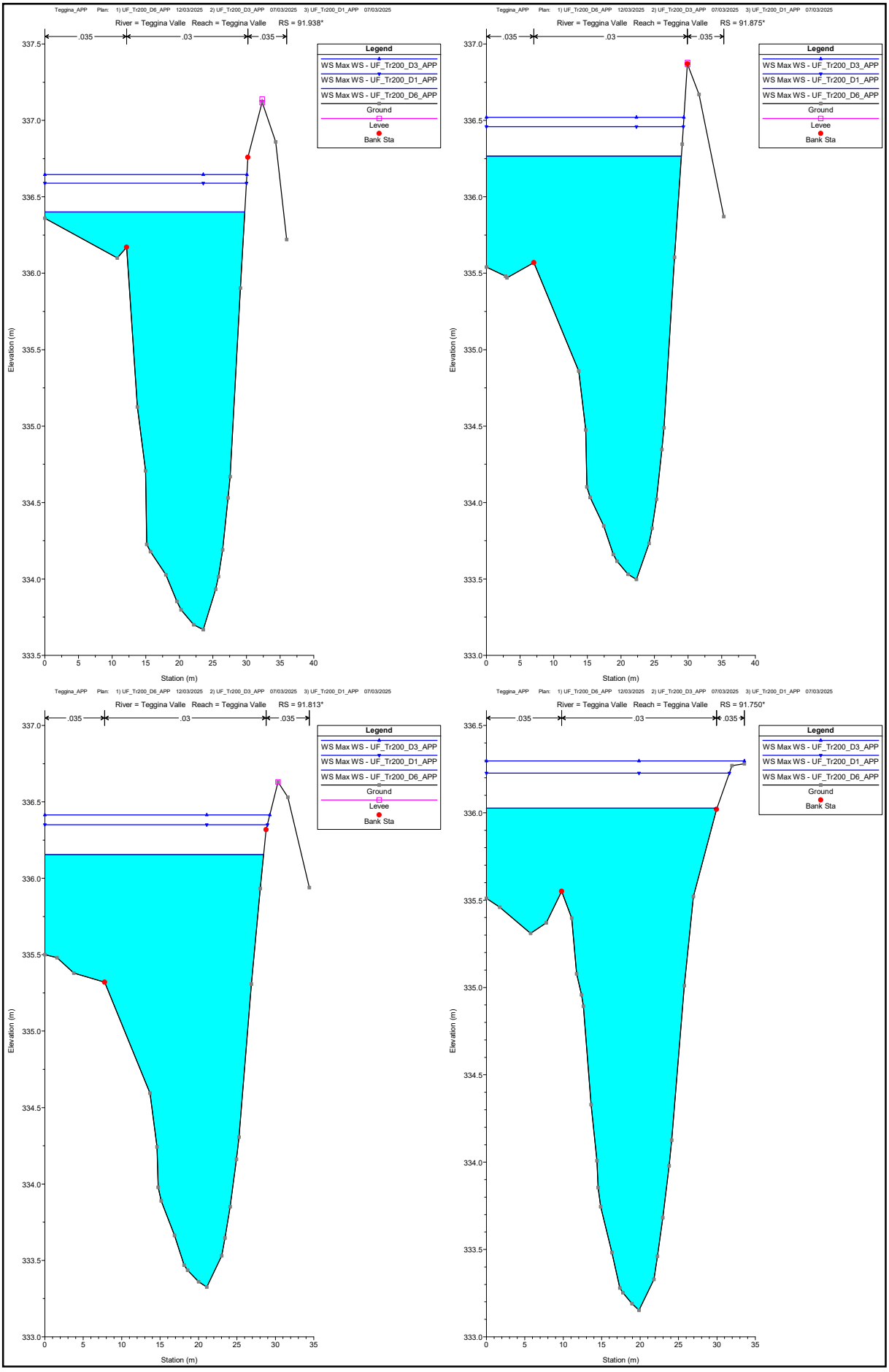
River = Teggina Valle Reach = Teggina Valle RS = 92.044 TEG-24
River = Teggina Valle Reach = Teggina Valle RS = 92.019 TEG-23
River = Teggina Valle Reach = Teggina Valle RS = 92.015 BR
River = Teggina Valle Reach = Teggina Valle RS = 92 TEG-22
.035
.03
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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River = Teggina Valle Reach = Teggina Valle RS = 91.938*
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 91.875*
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 91.813*
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 91.750*
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
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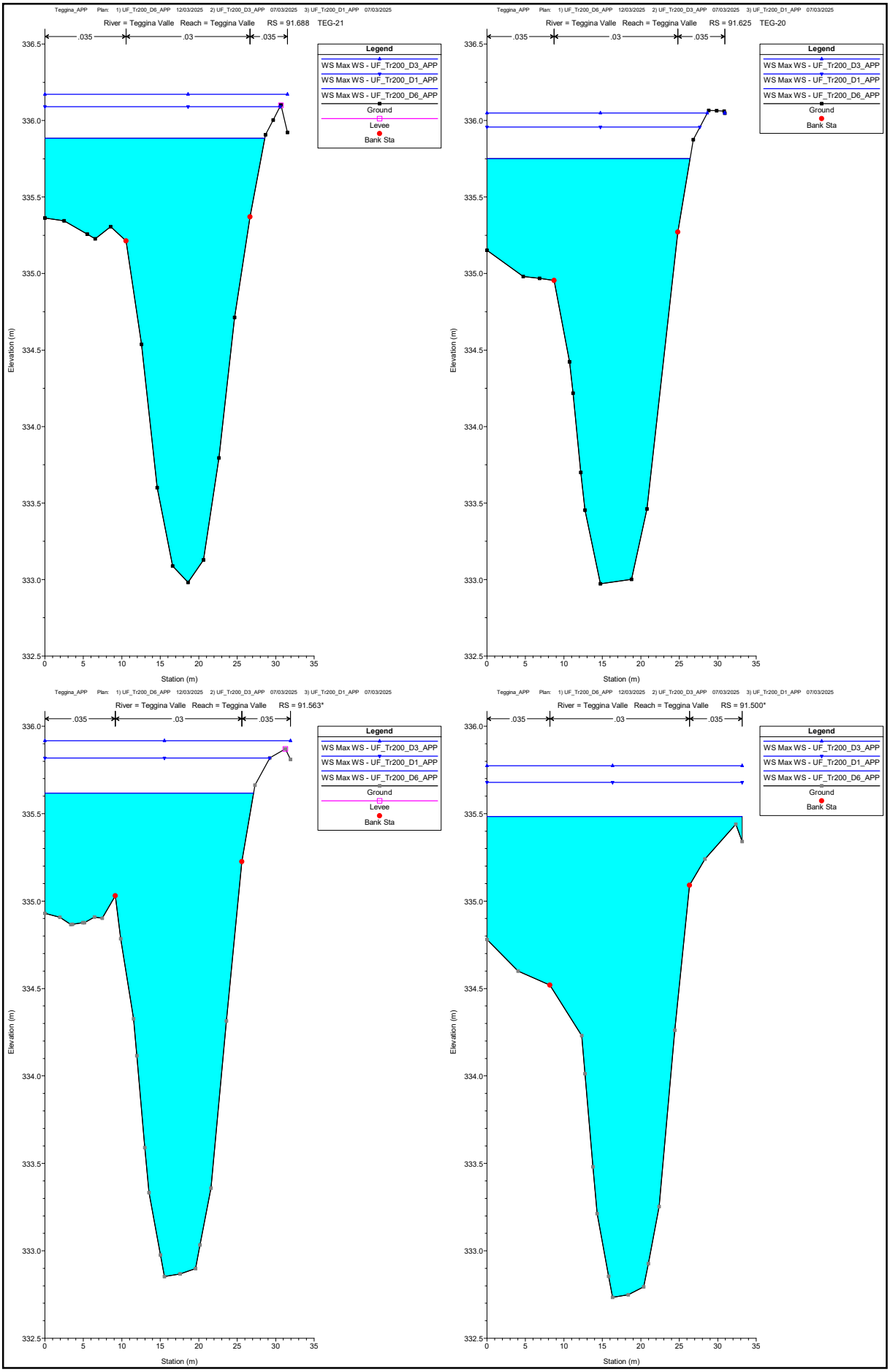
Ground
Bank Sta
Elevation (m)
Station (m)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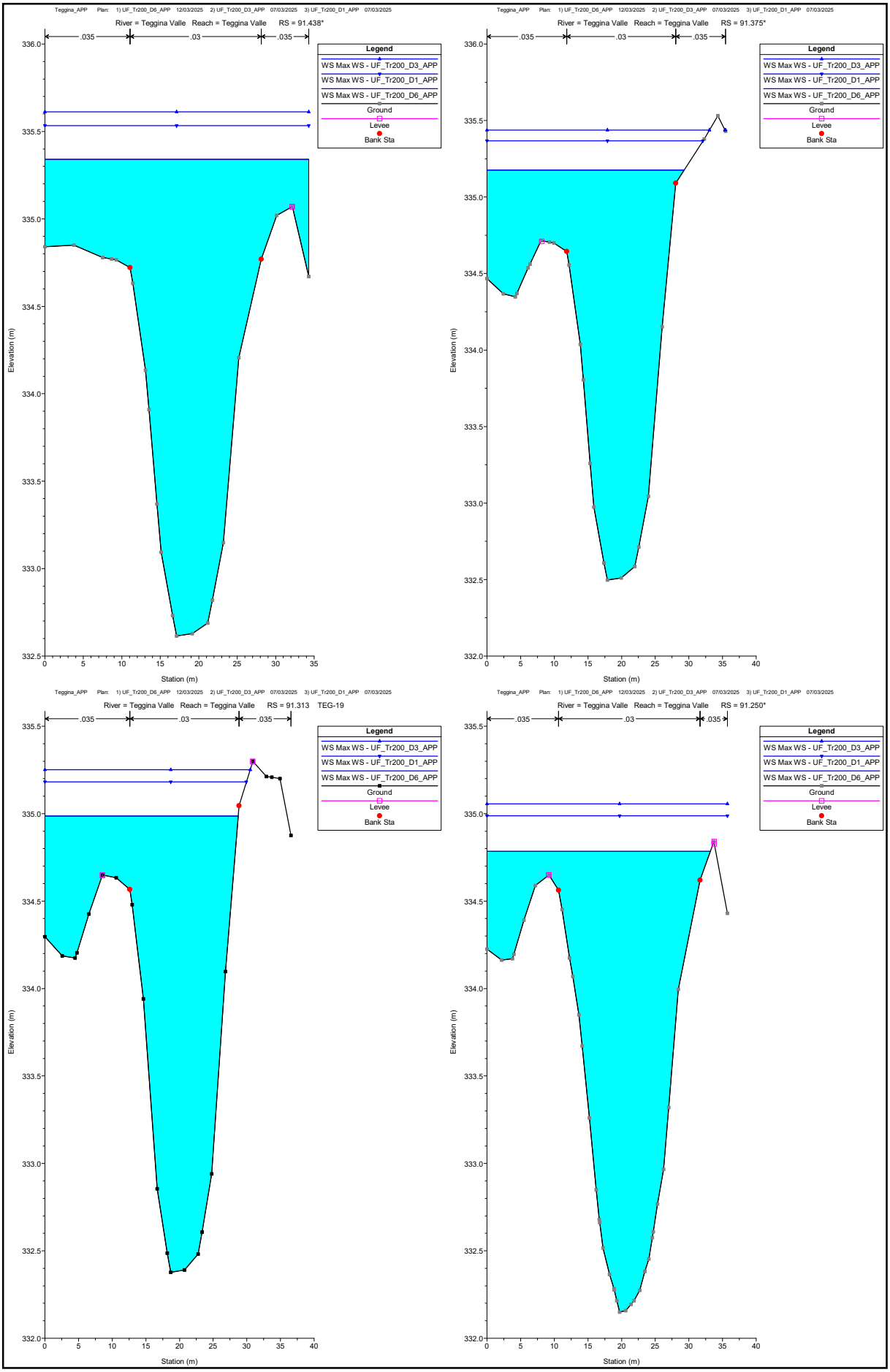
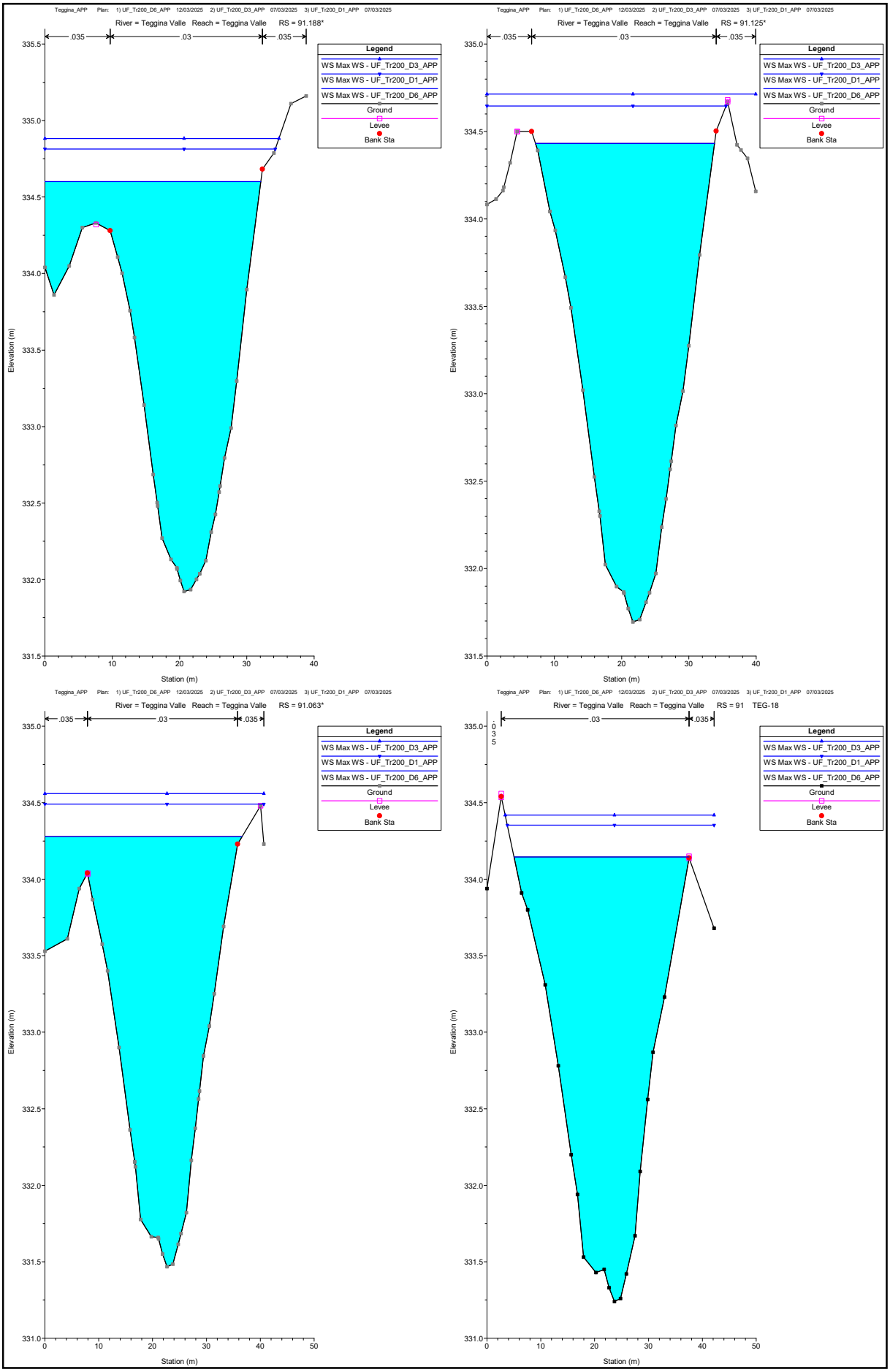
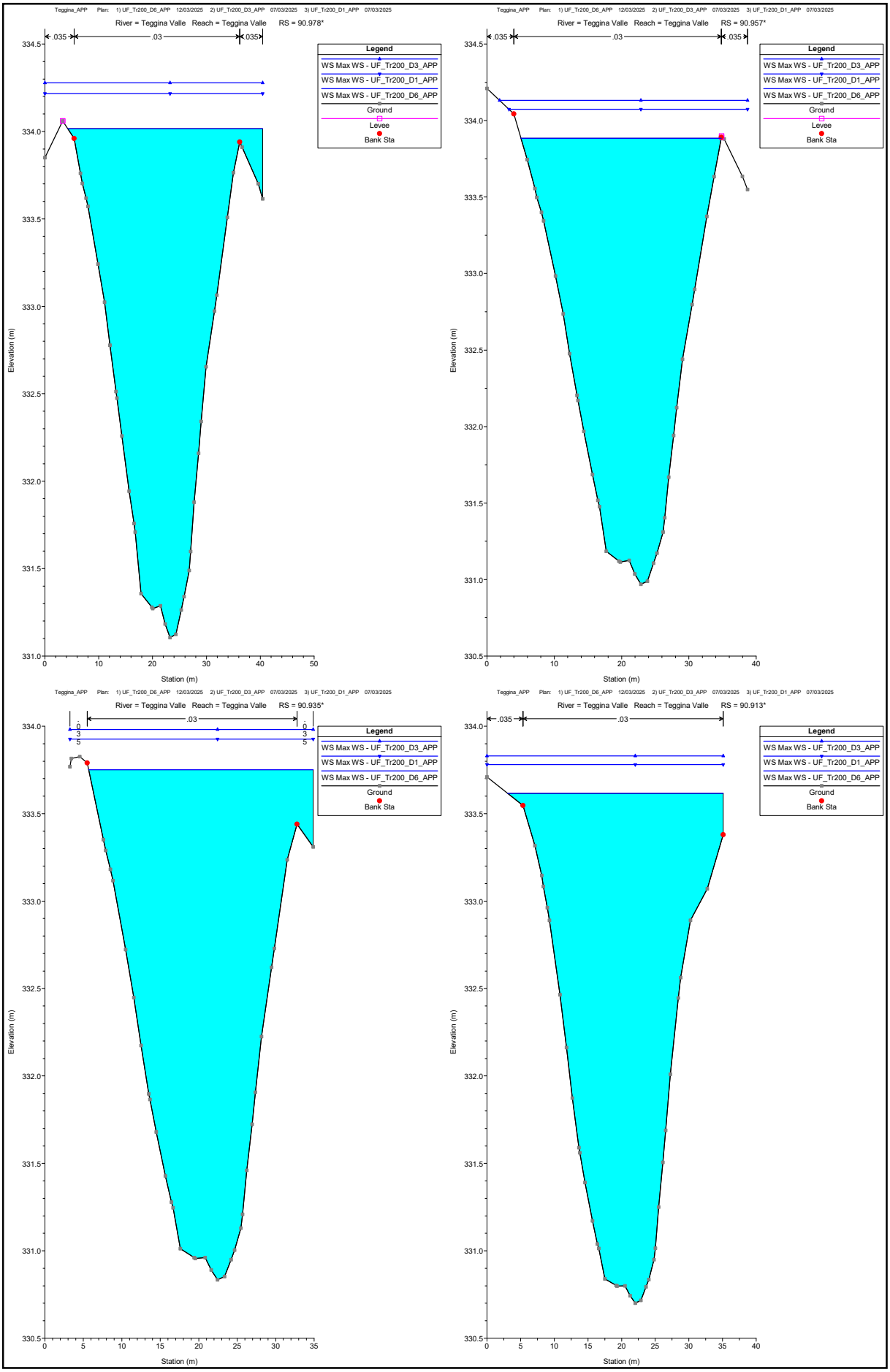
River = Teggina Valle Reach = Teggina Valle RS = 91.688 TEG-21
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 91.625 TEG-20
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 91.563*
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 91.500*
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)


Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 91.438*
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 91.375*
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 91.313 TEG-19
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 91.250*
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)


Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 91.188*
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 91.125*
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 91.063*
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 91 TEG-18
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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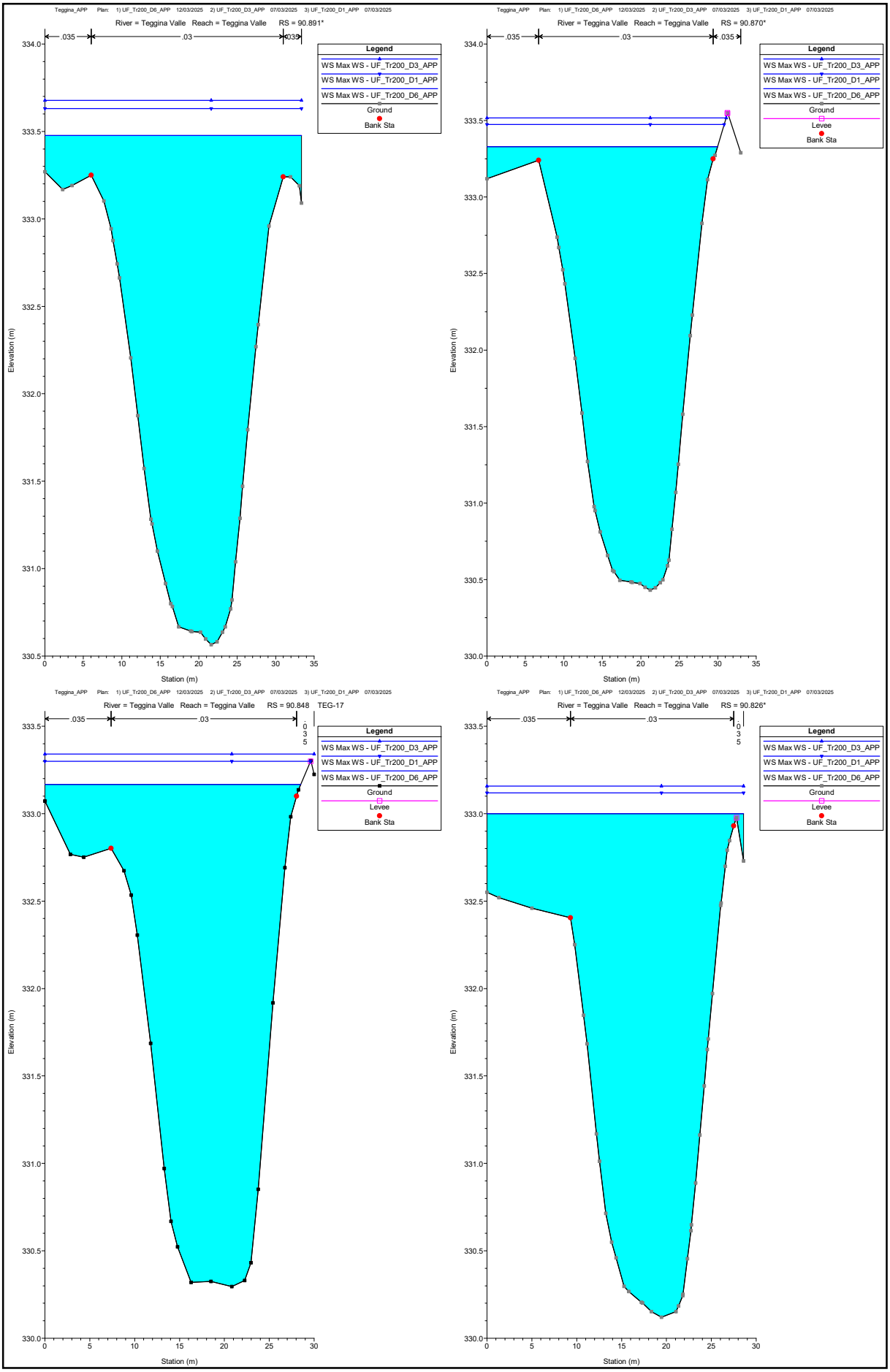
River = Teggina Valle Reach = Teggina Valle RS = 90.978*
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 90.957*
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 90.935*
.03
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 90.913*
.035
.03
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)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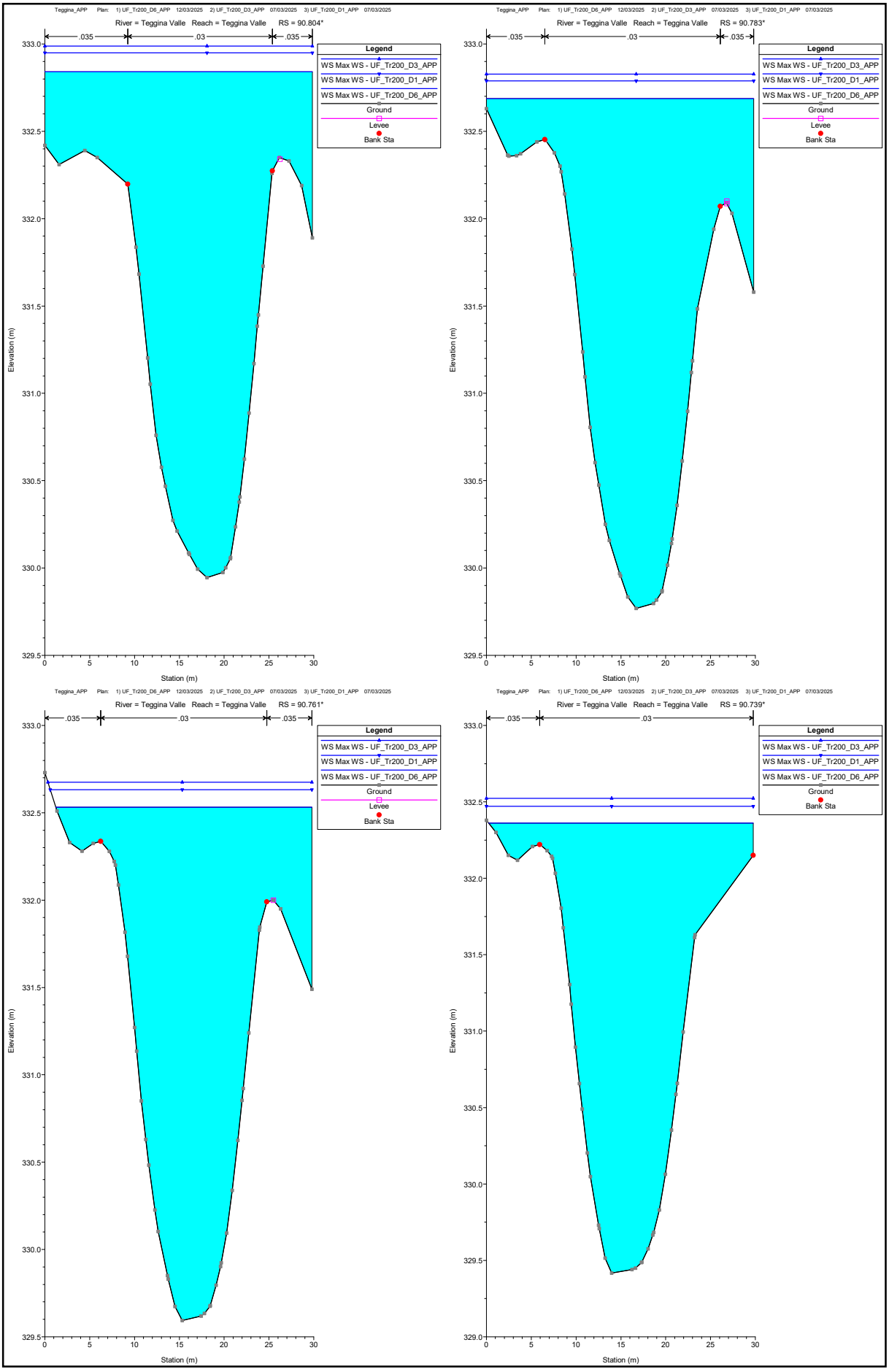
River = Teggina Valle Reach = Teggina Valle RS = 90.891*
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 90.870*
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 90.848 TEG-17
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 90.826*
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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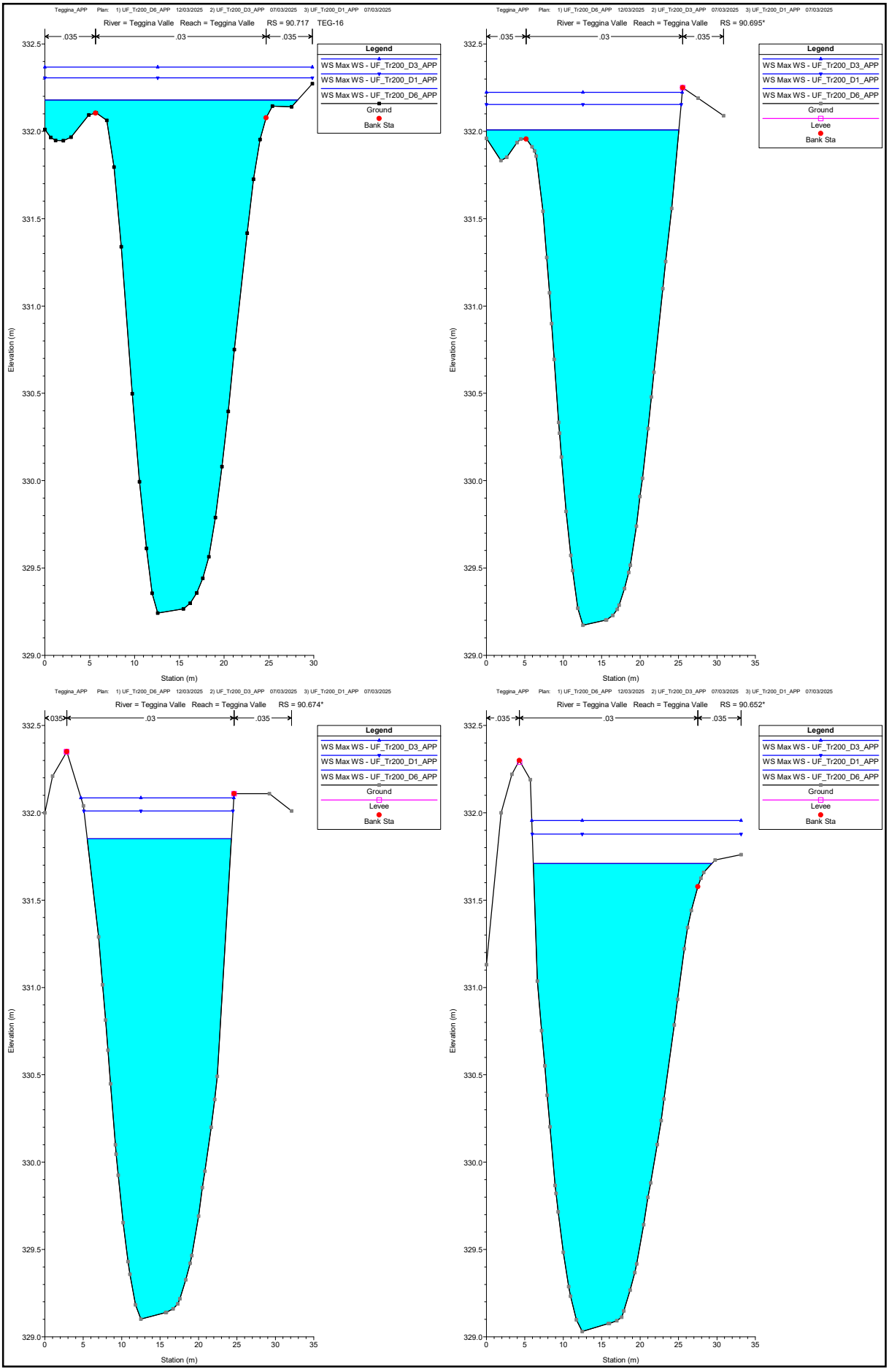
River = Teggina Valle Reach = Teggina Valle RS = 90.804*
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 90.783*
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 90.761*
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 90.739*
.035
.03
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)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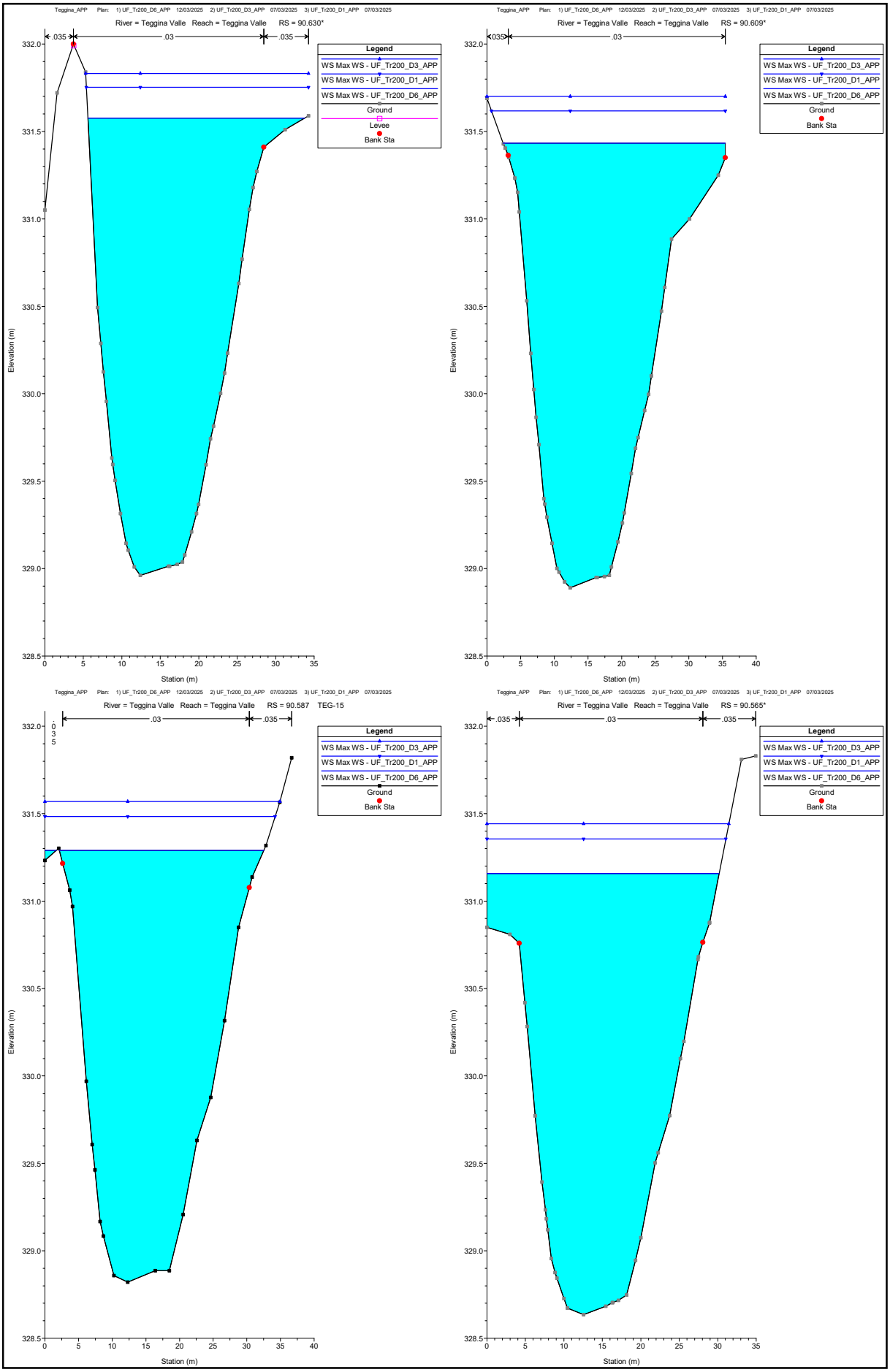
River = Teggina Valle Reach = Teggina Valle RS = 90.717 TEG-16
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 90.695*
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 90.674*
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 90.652*
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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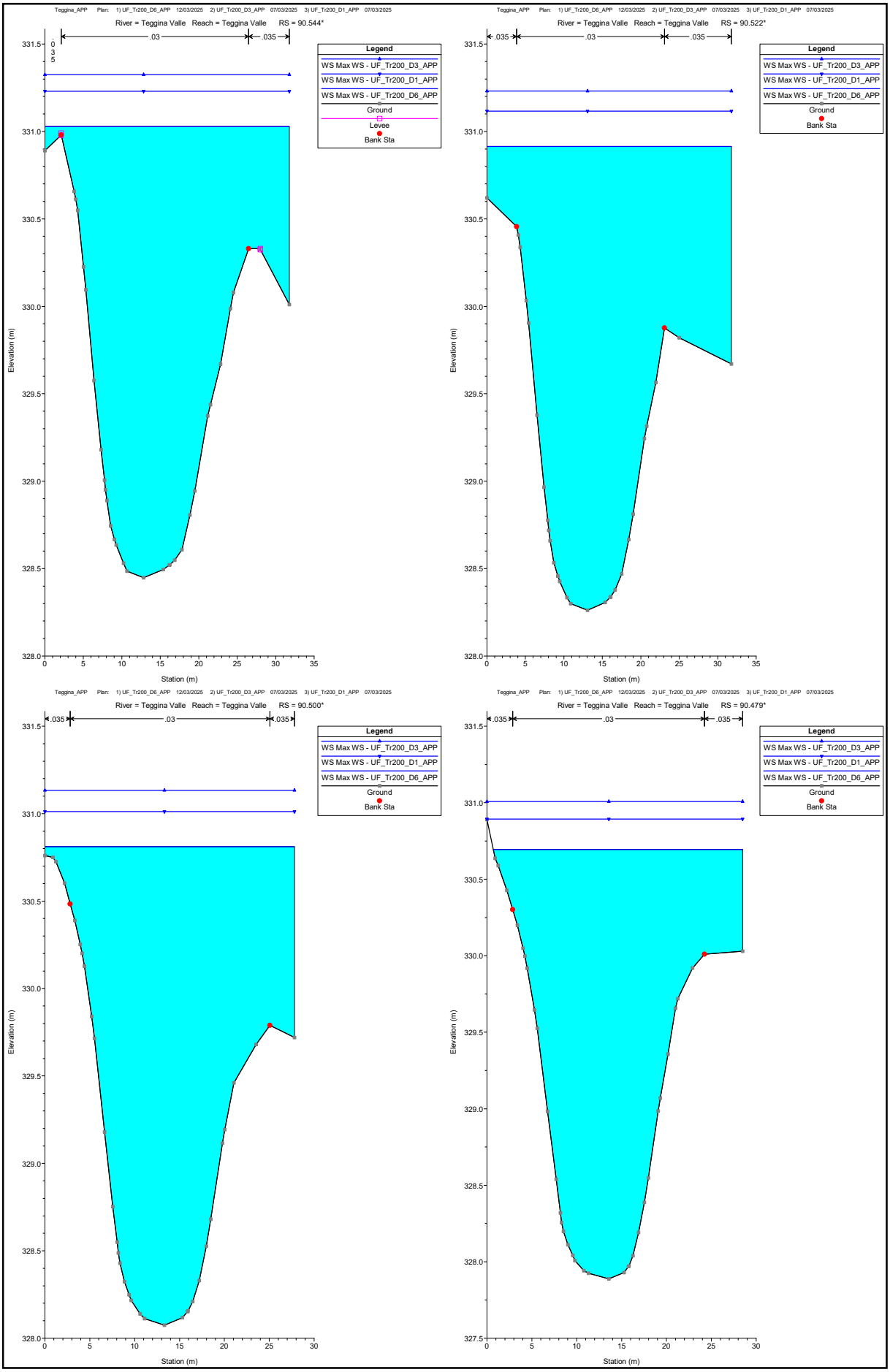
River = Teggina Valle Reach = Teggina Valle RS = 90.630*
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 90.609*
.035
.03
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 90.587 TEG-15
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 90.565*
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)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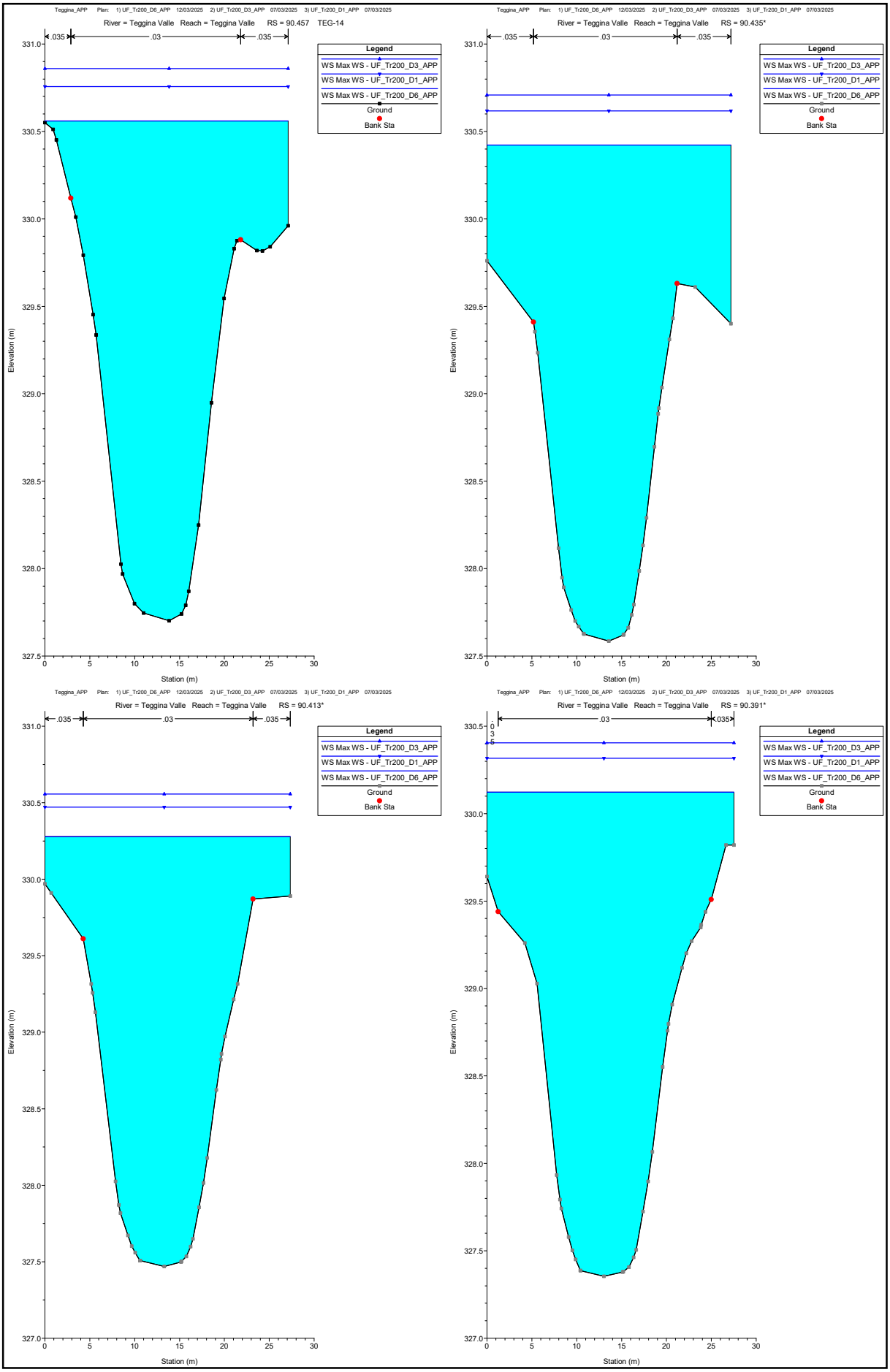
River = Teggina Valle Reach = Teggina Valle RS = 90.544*
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 90.522*
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 90.500*
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 90.479*
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)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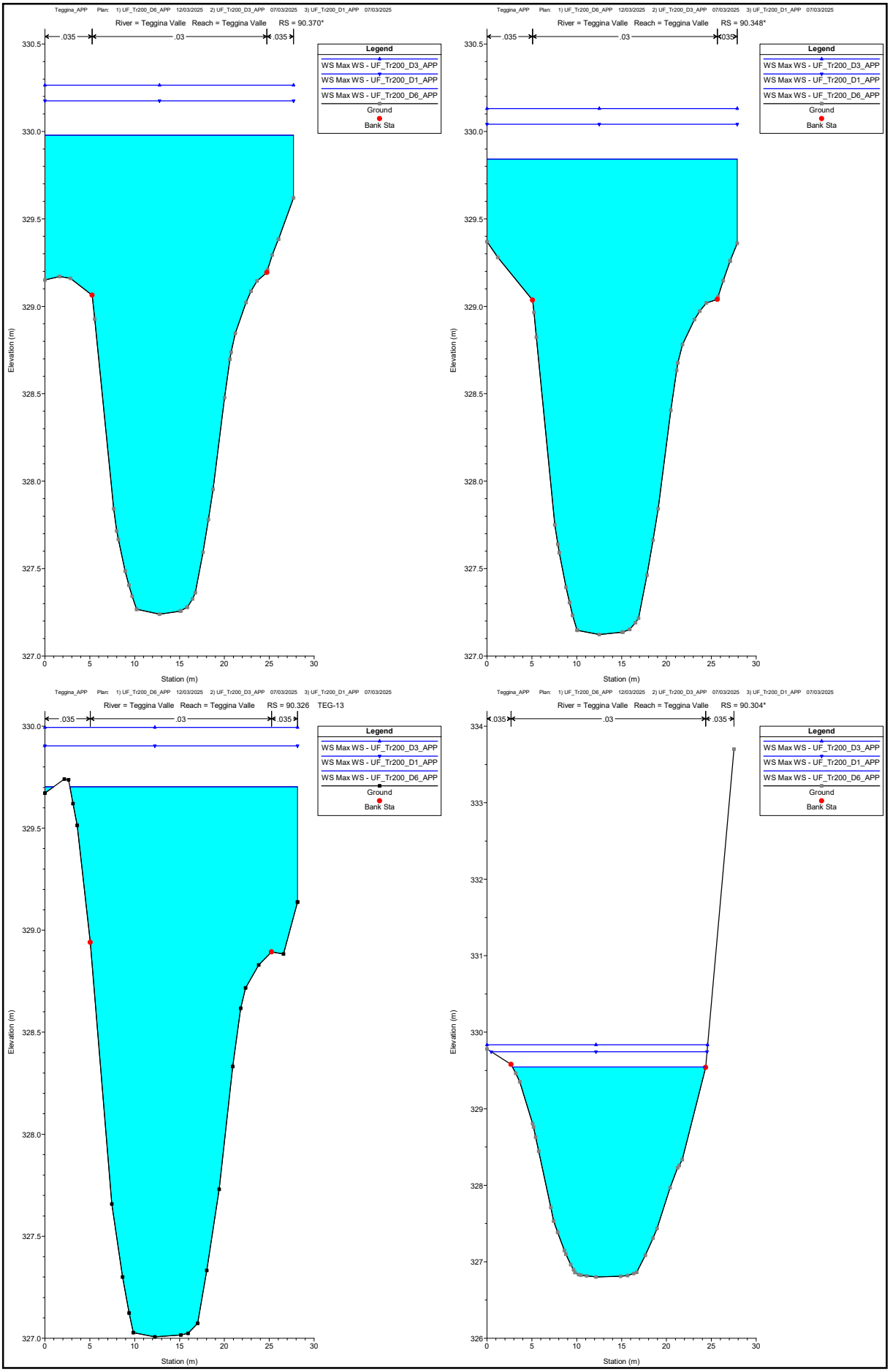
River = Teggina Valle Reach = Teggina Valle RS = 90.457 TEG-14
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 90.435*
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 90.413*
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 90.391*
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)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River = Teggina Valle Reach = Teggina Valle RS = 90.370*
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 90.348*
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 90.326 TEG-13
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 90.304*
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
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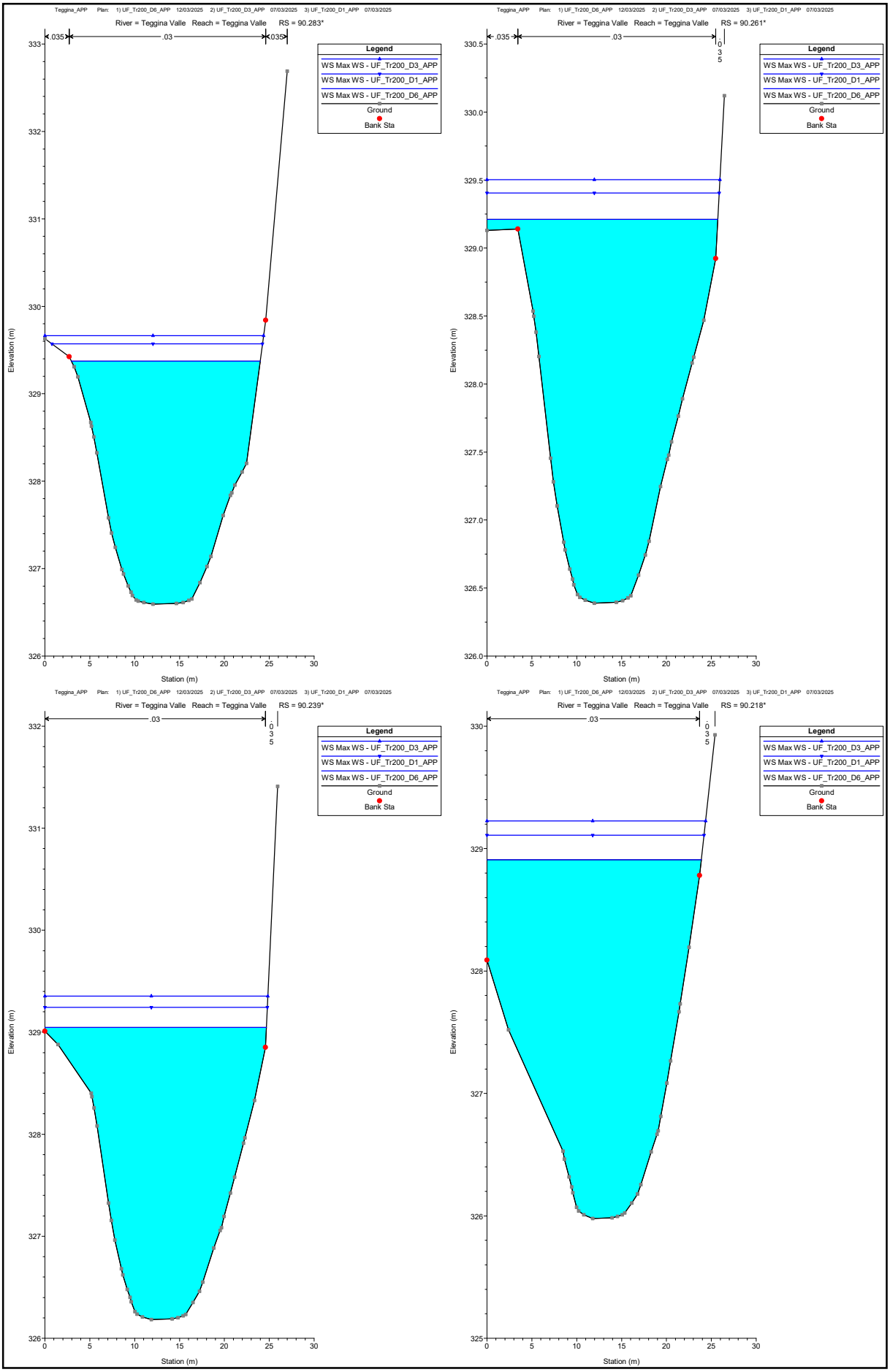
Elevation (m)
Station (m)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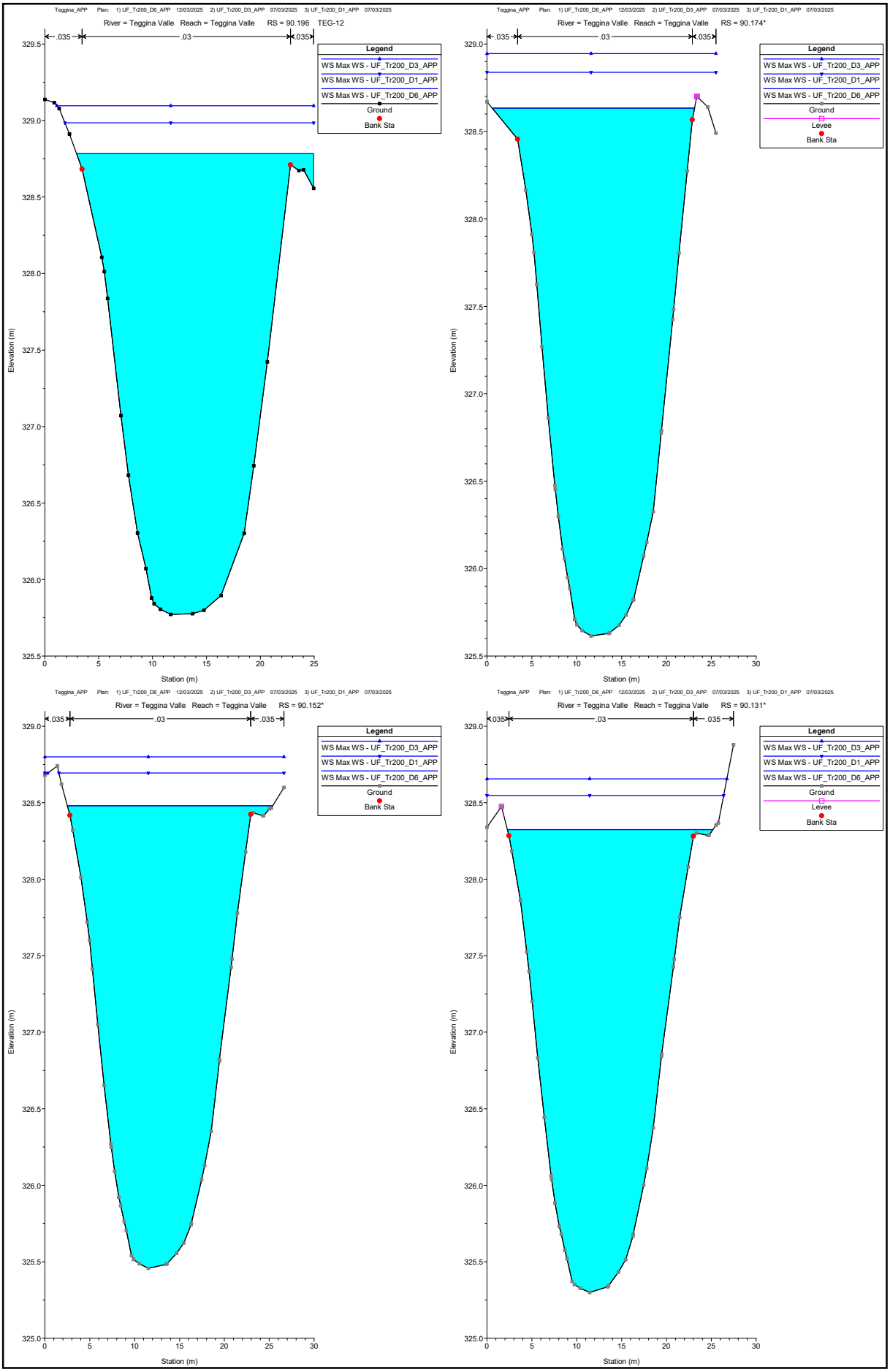
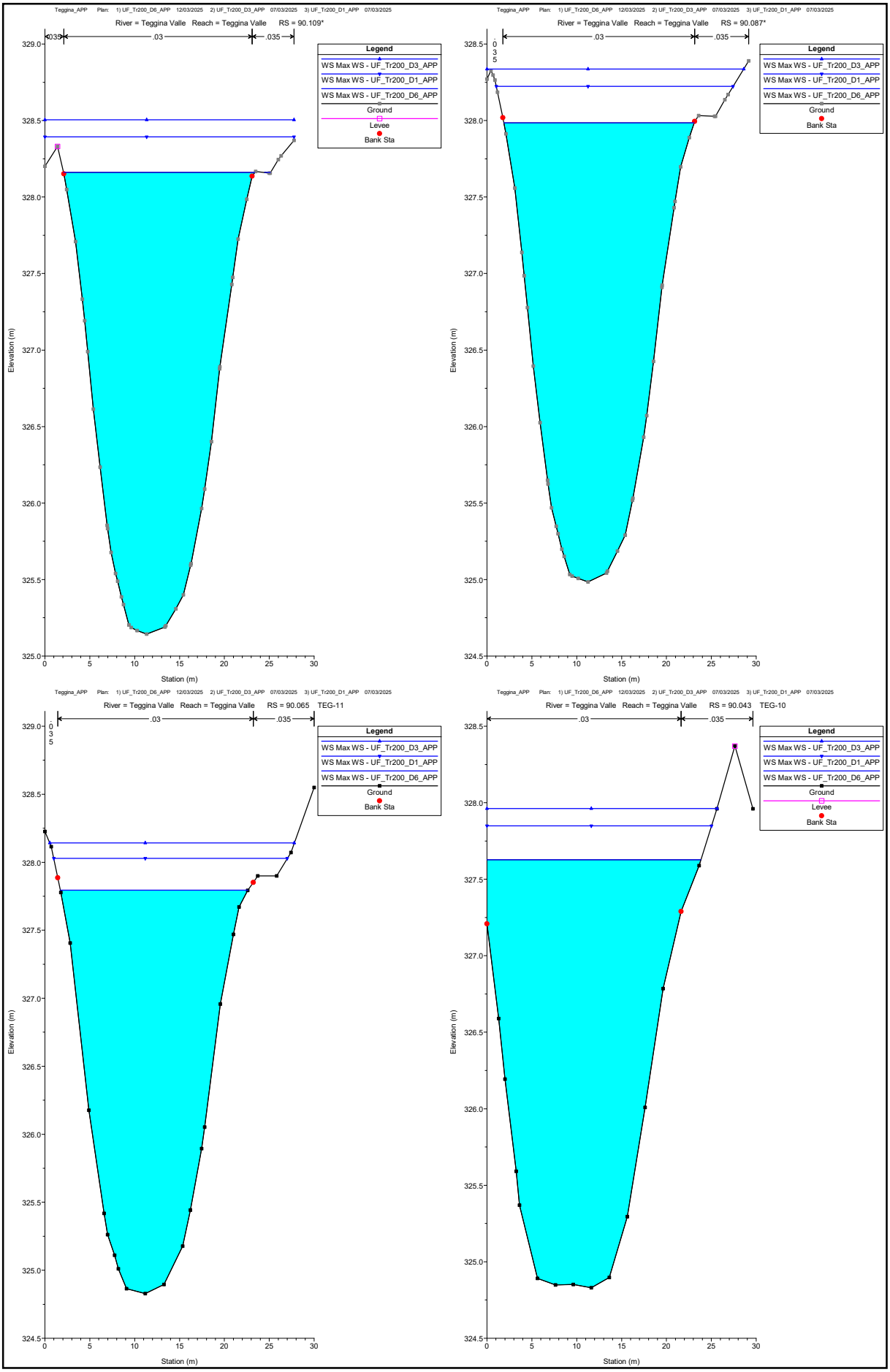
River = Teggina Valle Reach = Teggina Valle RS = 90.283*
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 90.261*
.035
.03
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 90.239*
.03
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 90.218*
.03
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)


Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 90.196 TEG-12
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 90.174*
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 90.152*
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 90.131*
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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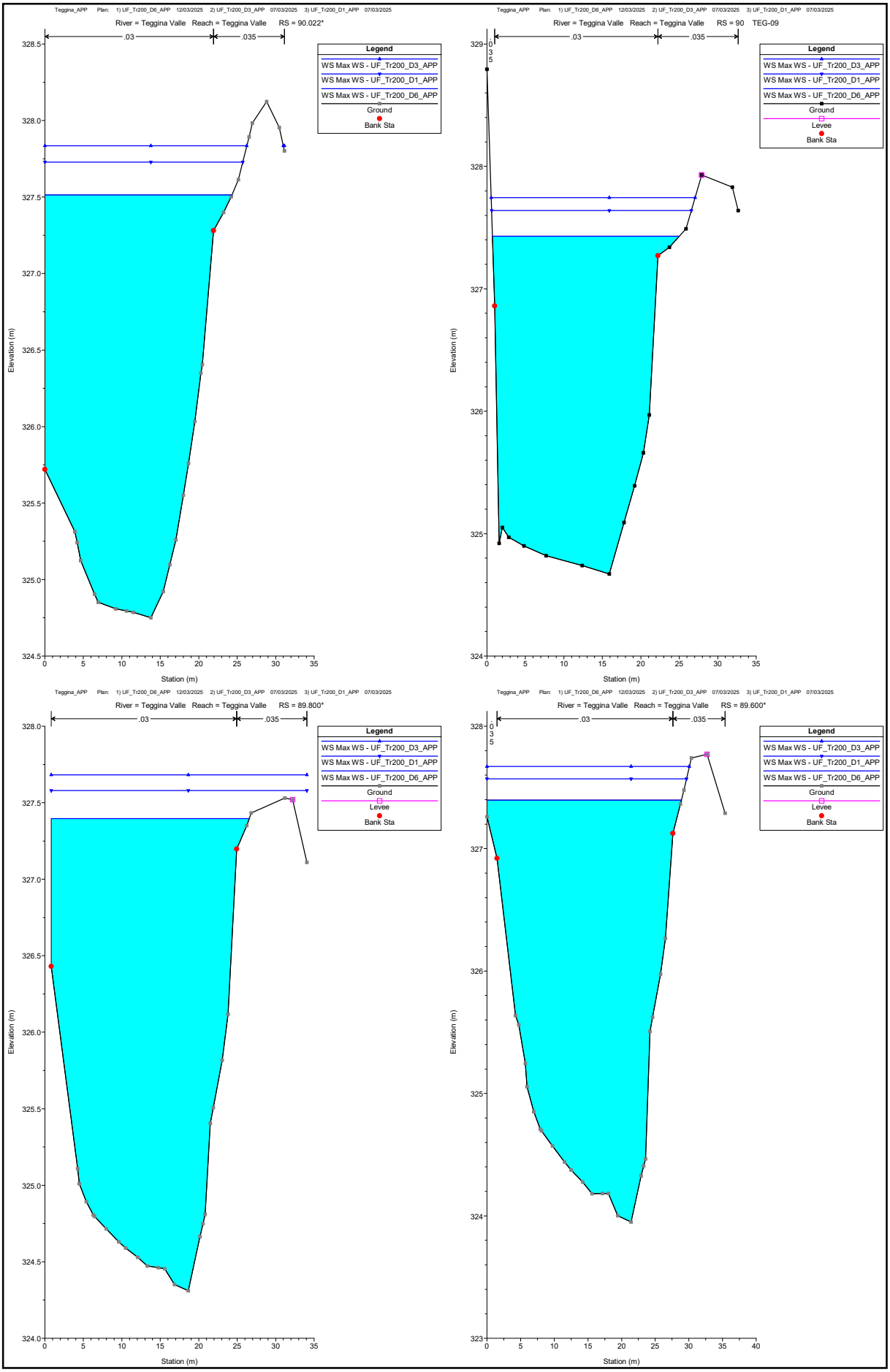
River = Teggina Valle Reach = Teggina Valle RS = 90.109*
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 90.087*
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 90.065 TEG-11
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 90.043 TEG-10
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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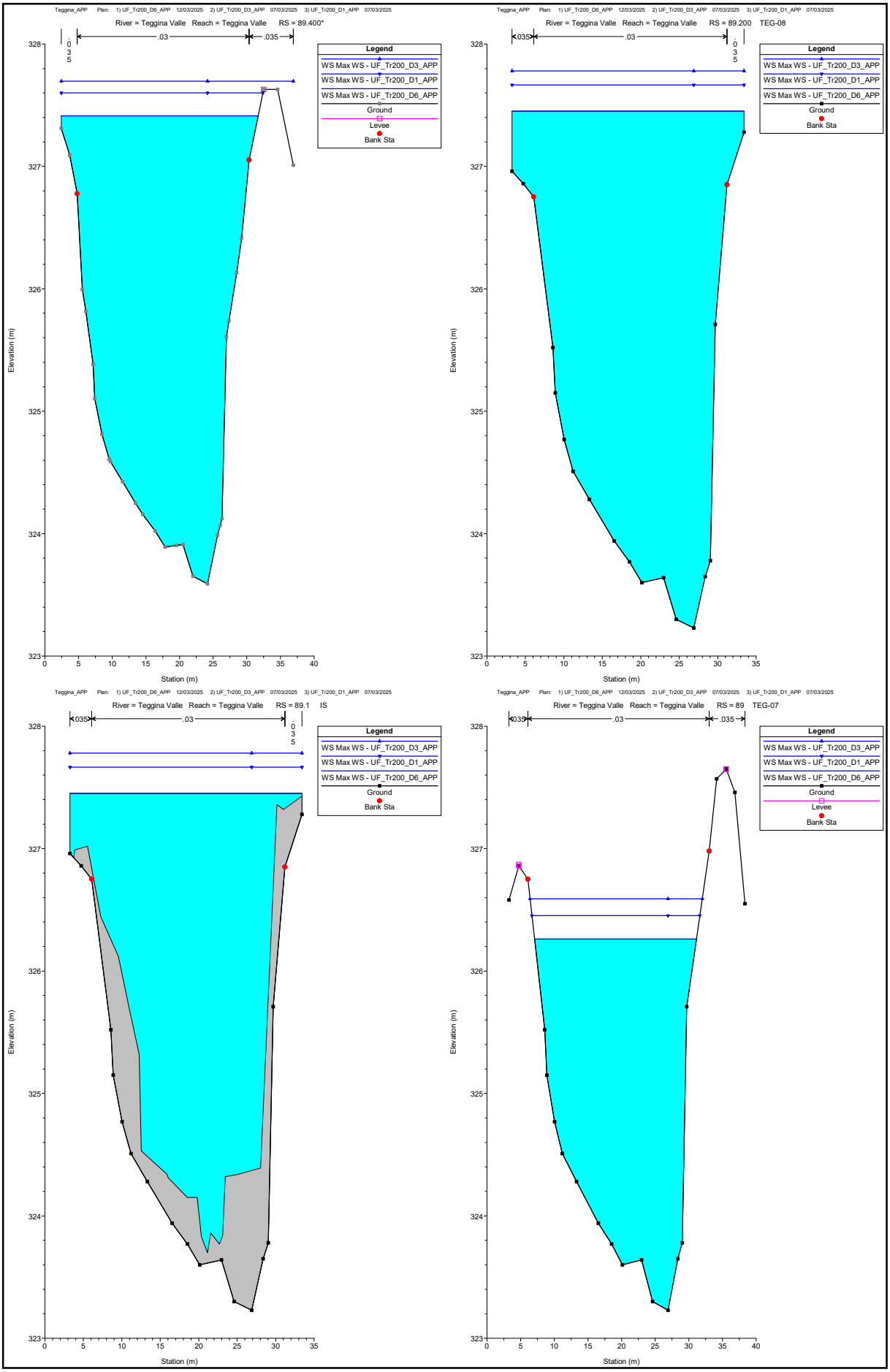
River = Teggina Valle Reach = Teggina Valle RS = 90.022*
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 90 TEG-09
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 89.800*
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 89.600*
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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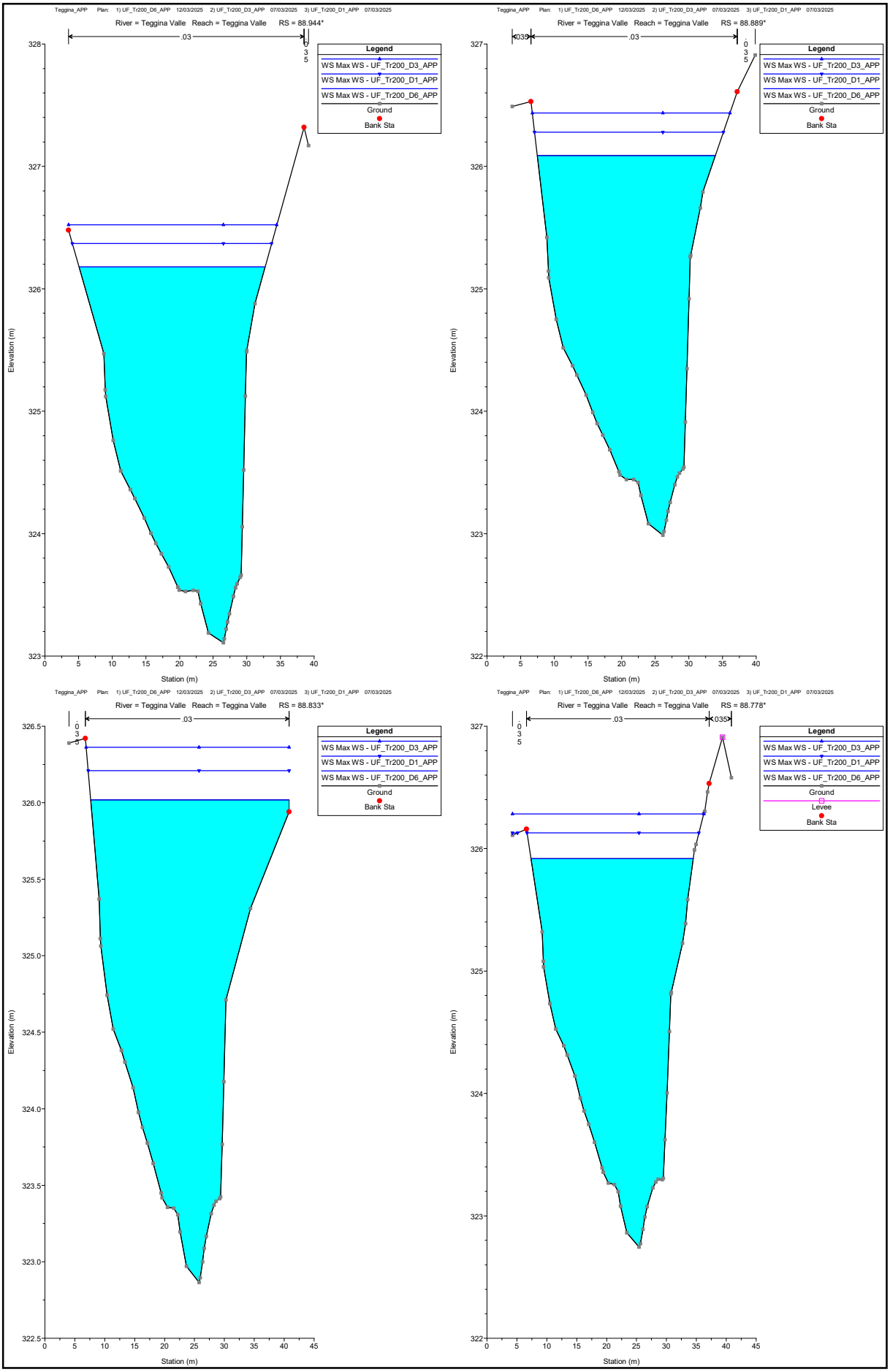
River = Teggina Valle Reach = Teggina Valle RS = 89.400*
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 89.200 TEG-08
.035
.03
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 89.1 IS
.035
.03
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 89 TEG-07
.039
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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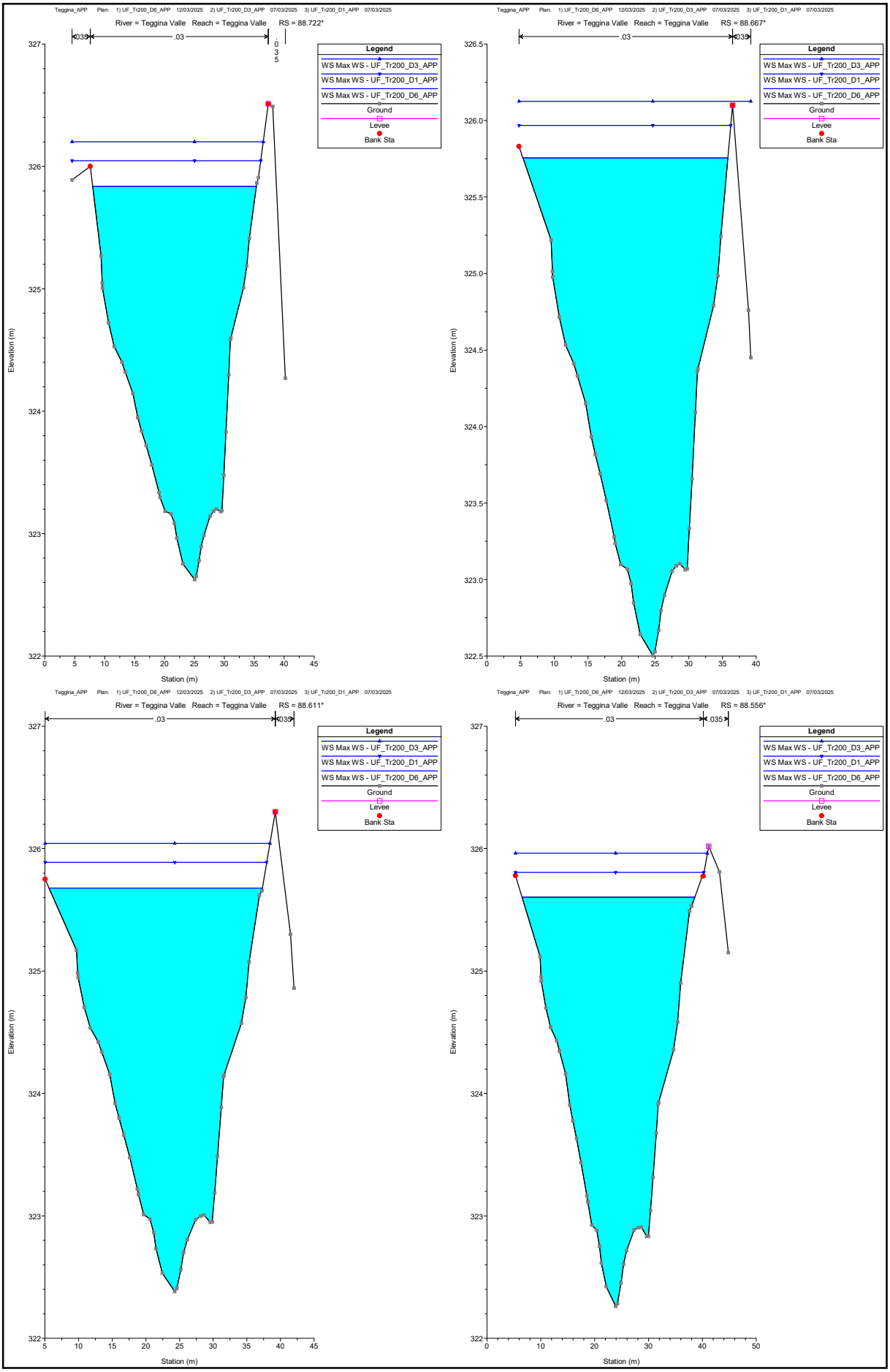
River = Teggina Valle Reach = Teggina Valle RS = 88.944*
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 88.889*
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 88.833*
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 88.778*
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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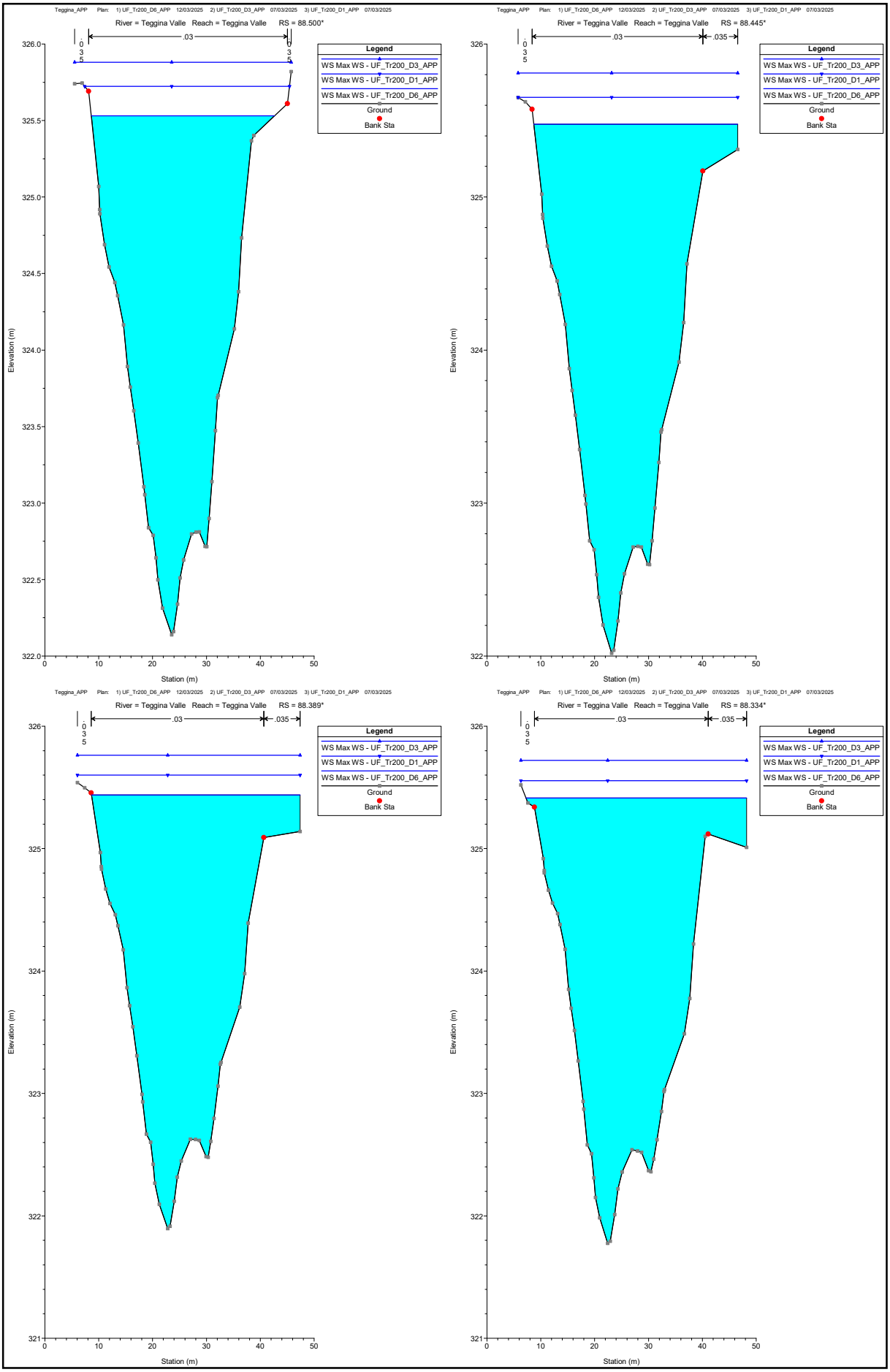
River = Teggina Valle Reach = Teggina Valle RS = 88.722*
.039
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 88.667*
.03
.039
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 88.611*
.03
.039
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 88.556*
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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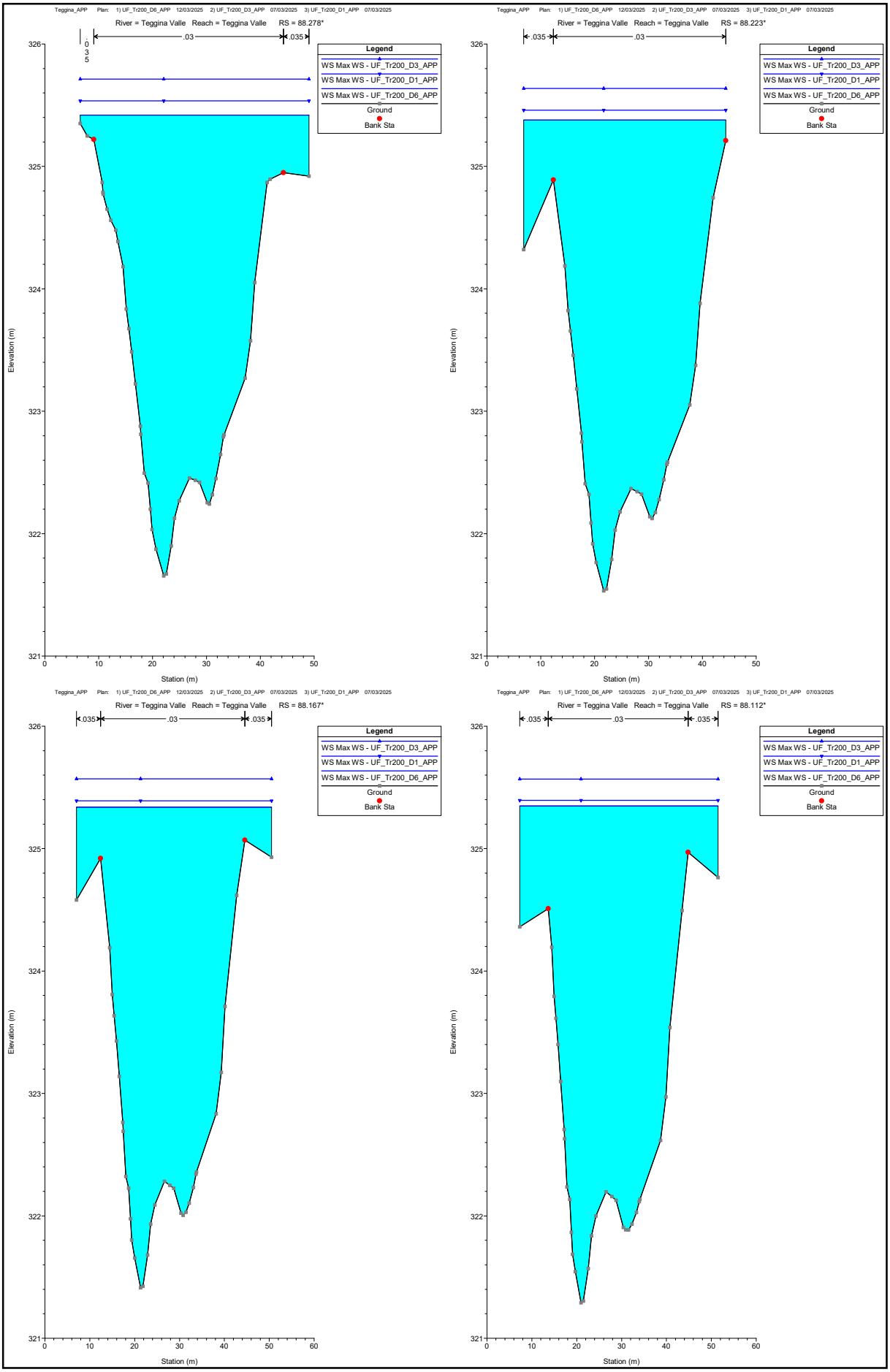
River = Teggina Valle Reach = Teggina Valle RS = 88.500*
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 88.445*
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 88.389*
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 88.334*
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)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River = Teggina Valle Reach = Teggina Valle RS = 88.278*
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 88.223*
.035
.03
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 88.167*
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 88.112*
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
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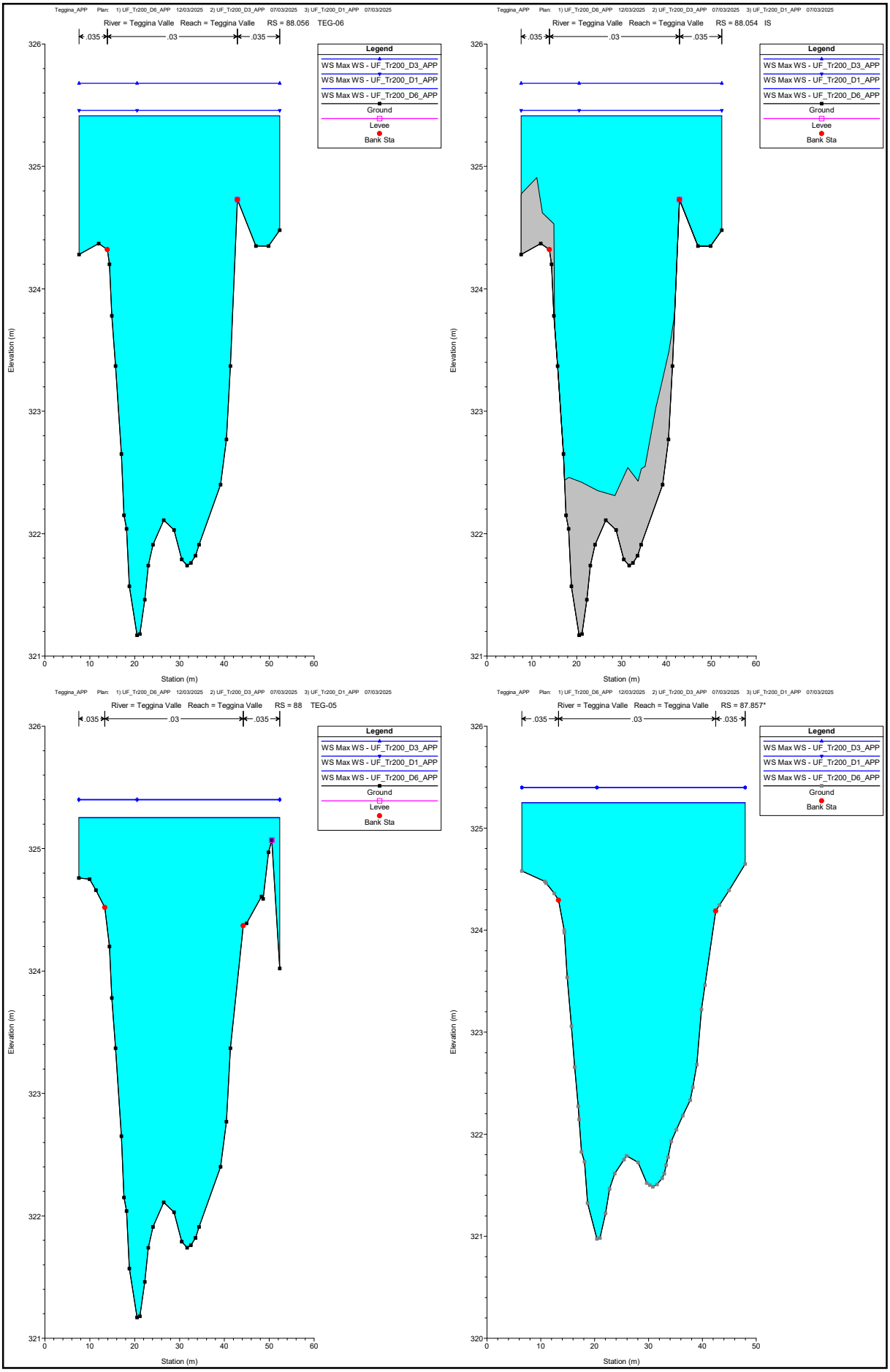
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)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River = Teggina Valle Reach = Teggina Valle RS = 88.056 TEG-06
.035 .03 .035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 88.054 IS
.035 .03 .035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 88 TEG-05
.035 .03 .035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 87.857*
.035 .03 .035
Legend
WS Max WS - UF_Tr200_D3_APP
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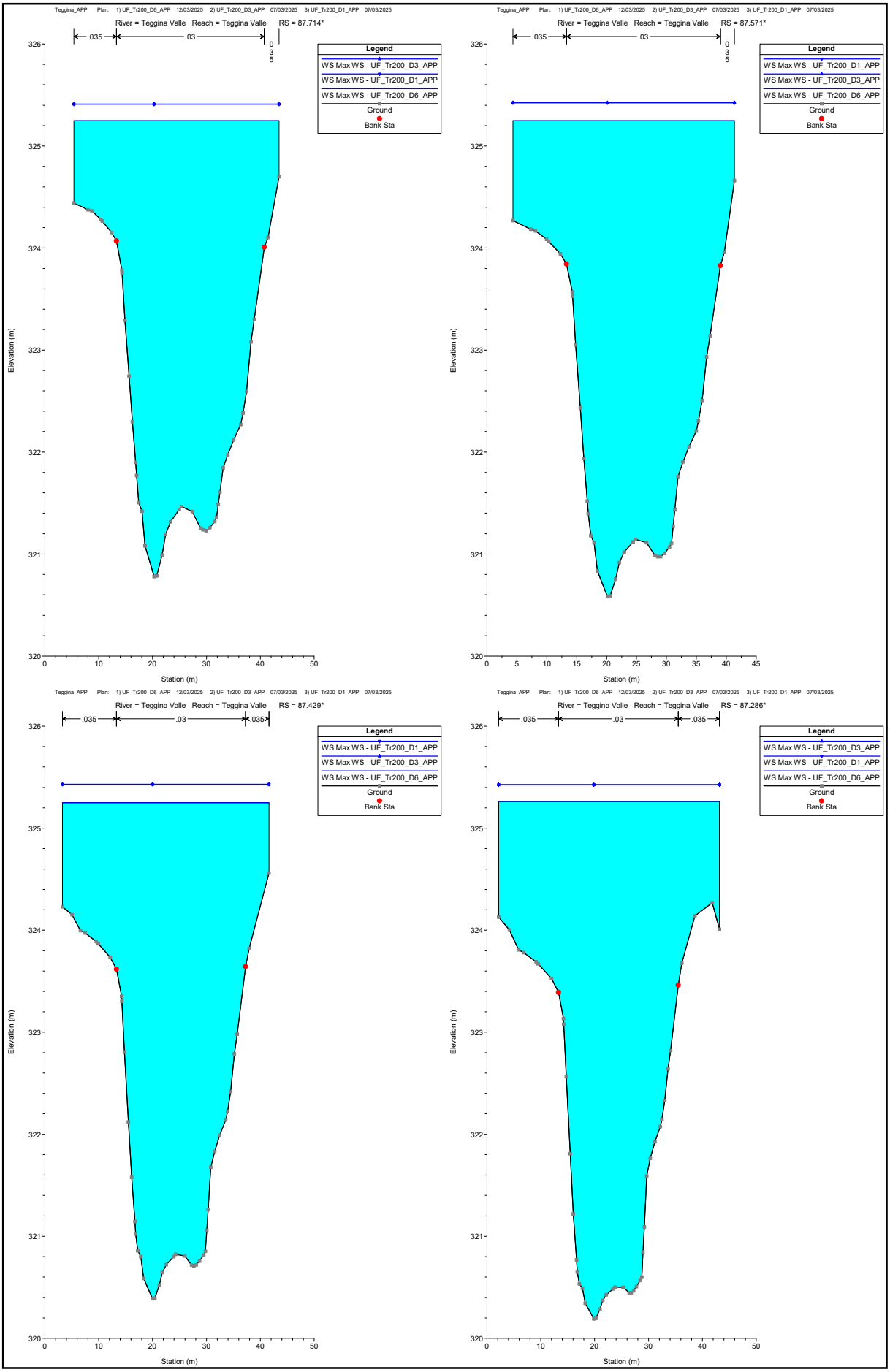
Elevation (m)
Station (m)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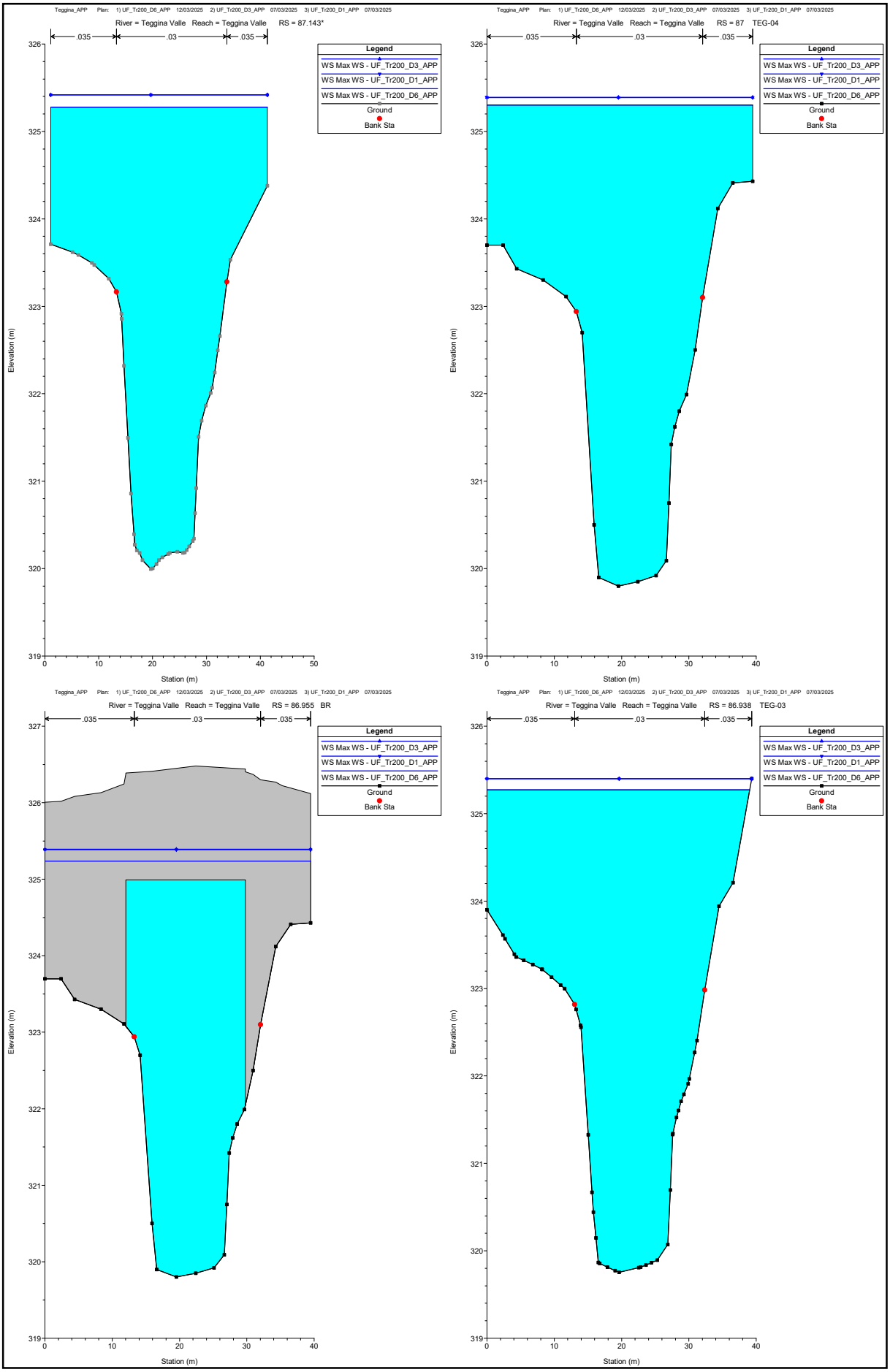
River = Teggina Valle Reach = Teggina Valle RS = 87.714*
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 87.571*
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 87.429*
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 87.286*
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)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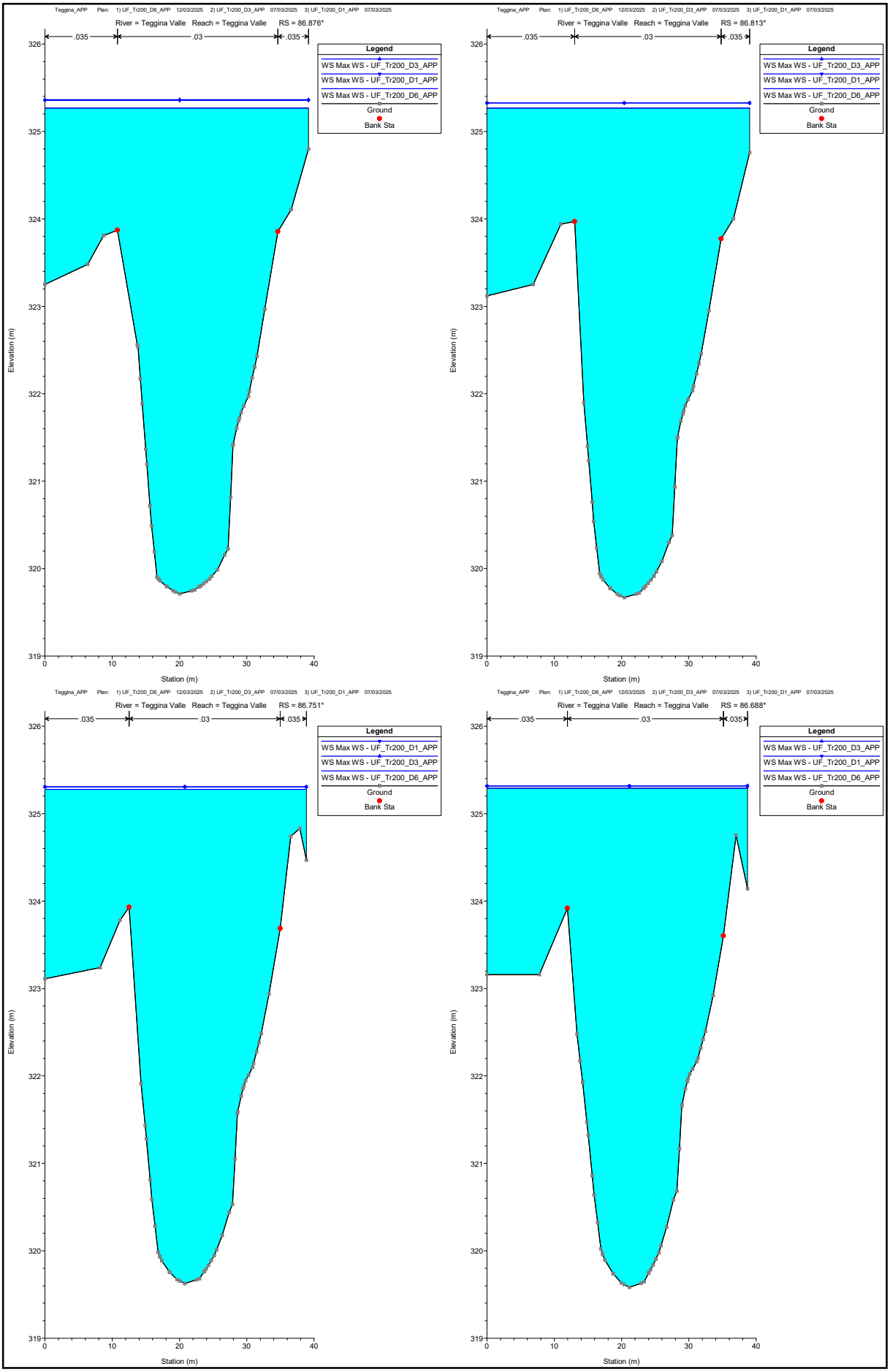
River = Teggina Valle Reach = Teggina Valle RS = 87.143*
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 87 TEG-04
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 86.955 BR
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 86.938 TEG-03
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)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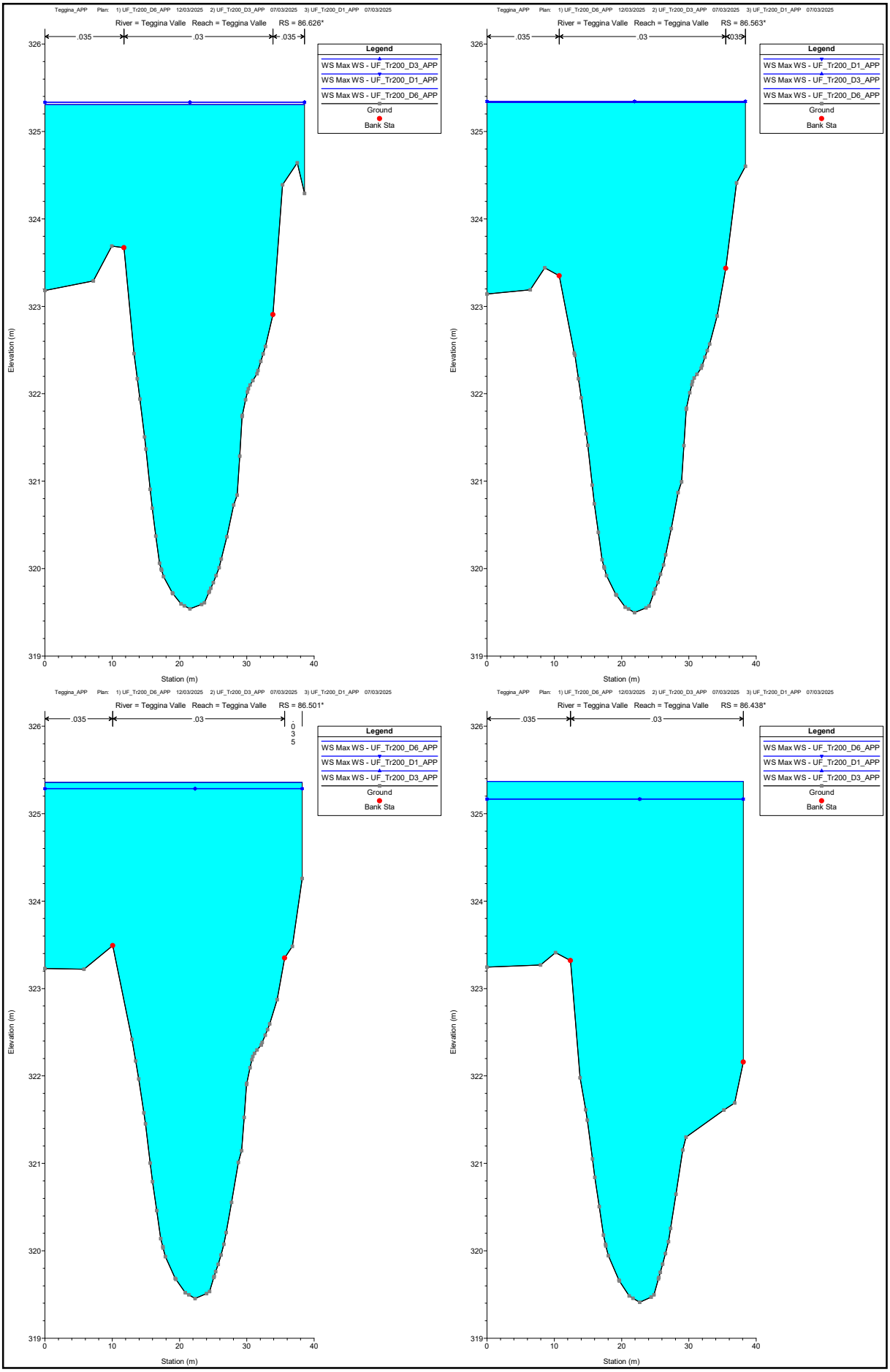
River = Teggina Valle Reach = Teggina Valle RS = 86.876*
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 86.813*
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 86.751*
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 86.688*
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)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River = Teggina Valle Reach = Teggina Valle RS = 86.626*
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 86.563*
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 86.501*
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 86.438*
.035
.03
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D1_APP
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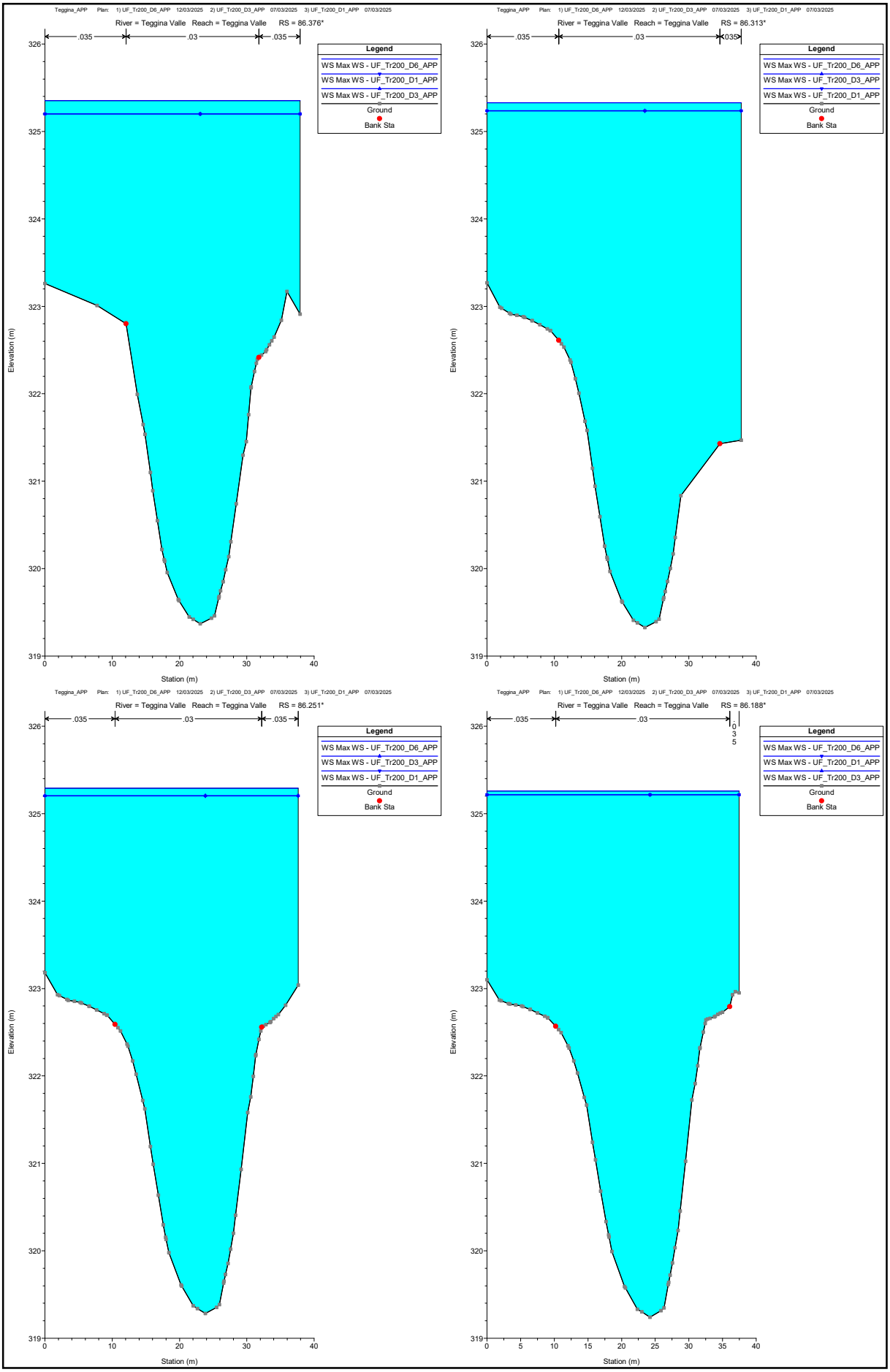
Ground
Bank Sta
Elevation (m)
Station (m)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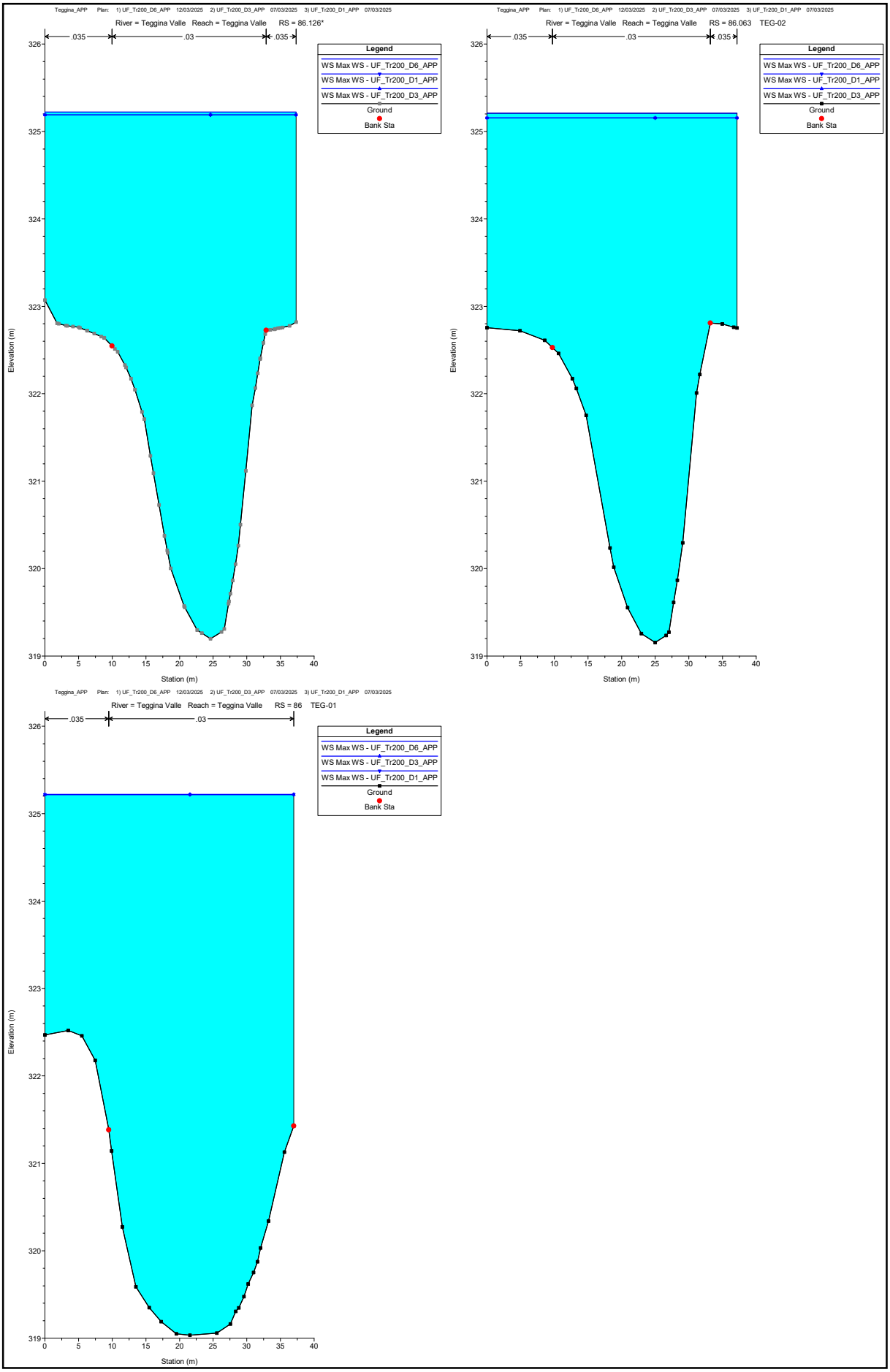
River = Teggina Valle Reach = Teggina Valle RS = 86.376*
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 86.313*
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 86.251*
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 86.188*
.035
.03
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
Ground
Bank Sta
Elevation (m)
Station (m)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River = Teggina Valle Reach = Teggina Valle RS = 86.126*
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 86.063 TEG-02
.035
.03
.035
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D3_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 86 TEG-01
.035
.03
Legend
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)

ALLEGATI

MODELLAZIONE HEC-RAS 6.3.1 "TEGGINA_APP"

TEGGINA

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 1, 3 e 6 h

Dati idraulici

HEC-RAS Profile: Max WS

River	Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
					(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Teggina Valle	Teggina Valle	97.863	Max WS	UF_Tr200_D6_APP	183.46	361.80	364.30	364.52	365.38	0.015845	4.59	0.17	0.26	40.08	29.59	1.21
Teggina Valle	Teggina Valle	97.863	Max WS	UF_Tr200_D3_APP	272.10	361.80	364.69	365.10	366.14	0.015873	5.36	0.46	0.90	53.42	43.67	1.26
Teggina Valle	Teggina Valle	97.863	Max WS	UF_Tr200_D1_APP	266.51	361.80	364.66	365.07	366.10	0.015963	5.32	0.41	0.87	52.34	43.24	1.26
Teggina Valle	Teggina Valle	97.84			Lat Struct											
Teggina Valle	Teggina Valle	97.839*	Max WS	UF_Tr200_D6_APP	183.46	361.49	363.99	364.23	365.07	0.015978	4.59	0.16	0.25	40.02	28.90	1.21
Teggina Valle	Teggina Valle	97.839*	Max WS	UF_Tr200_D3_APP	271.95	361.49	364.37	364.77	365.82	0.015942	5.35	0.67	0.83	53.69	42.86	1.26
Teggina Valle	Teggina Valle	97.839*	Max WS	UF_Tr200_D1_APP	265.54	361.49	364.34	364.73	365.77	0.015991	5.31	0.61	0.79	52.57	42.60	1.26
Teggina Valle	Teggina Valle	97.815*	Max WS	UF_Tr200_D6_APP	183.71	361.18	363.67	363.92	364.76	0.016276	4.61	0.15	0.22	39.89	28.55	1.22
Teggina Valle	Teggina Valle	97.815*	Max WS	UF_Tr200_D3_APP	272.05	361.18	364.05	364.44	365.51	0.016194	5.37	0.73	0.81	53.02	39.87	1.27
Teggina Valle	Teggina Valle	97.815*	Max WS	UF_Tr200_D1_APP	265.17	361.18	364.03	364.41	365.46	0.016201	5.32	0.67	0.78	51.95	39.62	1.27
Teggina Valle	Teggina Valle	97.791*	Max WS	UF_Tr200_D6_APP	183.97	360.88	363.37	363.58	364.47	0.015062	4.65	0.15	0.68	39.90	27.58	1.19
Teggina Valle	Teggina Valle	97.791*	Max WS	UF_Tr200_D3_APP	271.95	360.88	363.74	364.13	365.26	0.015851	5.50	0.80	1.09	52.18	36.53	1.27
Teggina Valle	Teggina Valle	97.791*	Max WS	UF_Tr200_D1_APP	264.96	360.88	363.71	364.10	365.20	0.015788	5.44	0.74	1.06	51.22	36.39	1.26
Teggina Valle	Teggina Valle	97.767*	Max WS	UF_Tr200_D6_APP	184.23	360.57	363.06	363.28	364.13	0.016125	4.58	0.17	0.21	40.24	28.59	1.22
Teggina Valle	Teggina Valle	97.767*	Max WS	UF_Tr200_D3_APP	271.57	360.57	363.42	363.78	364.87	0.016502	5.37	0.89	0.84	52.78	37.24	1.28
Teggina Valle	Teggina Valle	97.767*	Max WS	UF_Tr200_D1_APP	264.57	360.57	363.39	363.75	364.82	0.016453	5.31	0.84	0.79	51.84	37.20	1.27
Teggina Valle	Teggina Valle	97.743*	Max WS	UF_Tr200_D6_APP	184.49	360.26	362.74	362.99	363.82	0.016479	4.60	0.15	0.18	40.09	28.54	1.23
Teggina Valle	Teggina Valle	97.743*	Max WS	UF_Tr200_D3_APP	270.85	360.26	363.08	363.46	364.55	0.016936	5.39	1.02	0.85	52.45	36.07	1.29
Teggina Valle	Teggina Valle	97.743*	Max WS	UF_Tr200_D1_APP	264.00	360.26	363.06	363.41	364.50	0.016869	5.33	0.97	0.81	51.58	36.03	1.29
Teggina Valle	Teggina Valle	97.719*	Max WS	UF_Tr200_D6_APP	184.74	359.95	362.41	362.67	363.51	0.017215	4.66	0.09	0.11	39.69	28.42	1.25
Teggina Valle	Teggina Valle	97.719*	Max WS	UF_Tr200_D3_APP	269.94	359.95	362.74	363.14	364.24	0.017844	5.45	1.08	0.72	51.60	35.97	1.32
Teggina Valle	Teggina Valle	97.719*	Max WS	UF_Tr200_D1_APP	263.31	359.95	362.72	363.10	364.19	0.017773	5.40	1.04	0.69	50.78	35.87	1.32
Teggina Valle	Teggina Valle	97.695	Max WS	UF_Tr200_D6_APP	185.00	359.64	362.06	362.35	363.22	0.018675	4.78			38.69	28.06	1.30
Teggina Valle	Teggina Valle	97.695	Max WS	UF_Tr200_D3_APP	269.25	359.64	362.36	362.84	363.97	0.020088	5.64	1.13	0.64	49.59	35.19	1.39
Teggina Valle	Teggina Valle	97.695	Max WS	UF_Tr200_D1_APP	262.80	359.64	362.34	362.81	363.91	0.019965	5.57	1.08	0.60	48.88	35.11	1.39
Teggina Valle	Teggina Valle	97.69			Lat Struct											
Teggina Valle	Teggina Valle	97.671*	Max WS	UF_Tr200_D6_APP	184.87	359.27	361.69	361.92	362.63	0.018700	4.30	0.61		43.86	43.44	1.27
Teggina Valle	Teggina Valle	97.671*	Max WS	UF_Tr200_D3_APP	264.71	359.27	361.99	362.27	363.18	0.017828	4.86	1.22		56.84	43.44	1.28
Teggina Valle	Teggina Valle	97.671*	Max WS	UF_Tr200_D1_APP	258.75	359.27	361.97	362.25	363.14	0.017832	4.82	1.19		55.98	43.44	1.27
Teggina Valle	Teggina Valle	97.647*	Max WS	UF_Tr200_D6_APP	183.92	358.90	361.30	361.68	362.63	0.020489	5.14	1.06		37.69	32.18	1.37
Teggina Valle	Teggina Valle	97.647*	Max WS	UF_Tr200_D3_APP	254.83	358.90	361.61	362.11	363.25	0.020436	5.75	1.62	0.49	47.83	34.07	1.41
Teggina Valle	Teggina Valle	97.647*	Max WS	UF_Tr200_D1_APP	251.17	358.90	361.59	362.09	363.22	0.020697	5.74	1.60	0.46	47.15	33.95	1.41
Teggina Valle	Teggina Valle	97.623*	Max WS	UF_Tr200_D6_APP	182.00	358.53	360.92	361.21	362.12	0.017952	5.02	1.86		41.22	31.50	1.30
Teggina Valle	Teggina Valle	97.623*	Max WS	UF_Tr200_D3_APP	252.21	358.53	361.22	361.62	362.73	0.019103	5.69	2.31	0.37	50.78	33.37	1.37
Teggina Valle	Teggina Valle	97.623*	Max WS	UF_Tr200_D1_APP	245.26	358.53	361.20	361.57	362.67	0.018810	5.60	2.27	0.33	50.11	33.23	1.36
Teggina Valle	Teggina Valle	97.600*	Max WS	UF_Tr200_D6_APP	171.12	358.16	360.57	360.85	361.74	0.017692	4.94	1.63		38.95	31.01	1.28
Teggina Valle	Teggina Valle	97.600*	Max WS	UF_Tr200_D3_APP	229.66	358.16	360.85	361.20	362.26	0.017996	5.44	2.04	0.30	47.94	32.83	1.32
Teggina Valle	Teggina Valle	97.600*	Max WS	UF_Tr200_D1_APP	227.79	358.16	360.83	361.19	362.25	0.018641	5.48	2.04	0.25	47.12	32.61	1.34
Teggina Valle	Teggina Valle	97.576*	Max WS	UF_Tr200_D6_APP	169.54	357.80	360.25	360.37	361.11	0.014492	4.10			41.40	30.70	1.13
Teggina Valle	Teggina Valle	97.576*	Max WS	UF_Tr200_D3_APP	230.13	357.80	360.53	360.70	361.61	0.014887	4.60		0.29	50.07	32.68	1.17
Teggina Valle	Teggina Valle	97.576*	Max WS	UF_Tr200_D1_APP	223.38	357.80	360.49	360.67	361.55	0.014994	4.56		0.22	49.03	32.35	1.17
Teggina Valle	Teggina Valle	97.552*	Max WS	UF_Tr200_D6_APP	164.51	357.43	359.97	360.23	361.02	0.014322	4.65	1.32	0.67	40.44	38.95	1.16
Teggina Valle	Teggina Valle	97.552*	Max WS	UF_Tr200_D3_APP	222.70	357.43	360.23	360.56	361.53	0.014807	5.23	1.70	1.18	50.82	38.95	1.21
Teggina Valle	Teggina Valle	97.552*	Max WS	UF_Tr200_D1_APP	212.93	357.43	360.20	360.51	361.44	0.014331	5.09	1.64	1.12	49.71	38.95	1.19
Teggina Valle	Teggina Valle	97.528	Max WS	UF_Tr200_D6_APP	161.99	357.06	359.64	360.02	360.89	0.018776	4.96			32.65	22.17	1.31
Teggina Valle	Teggina Valle	97.528	Max WS	UF_Tr200_D3_APP	211.05	357.06	359.89	360.32	361.37	0.020097	5.43	1.01	0.49	41.04	36.28	1.37
Teggina Valle	Teggina Valle	97.528	Max WS	UF_Tr200_D1_APP	204.86	357.06	359.87	360.28	361.31	0.019868	5.35	0.96	0.41	40.26	36.28	1.36
Teggina Valle	Teggina Valle	97.504*	Max WS	UF_Tr200_D6_APP	162.24	356.71	359.25	359.66	360.59	0.021099	5.13	0.50		32.18	28.60	1.38
Teggina Valle	Teggina Valle	97.504*	Max WS	UF_Tr200_D3_APP	209.42	356.71	359.48	359.97	361.07	0.021284	5.62	1.08	0.51	39.15	31.07	1.41
Teggina Valle	Teggina Valle	97.504*	Max WS	UF_Tr200_D1_APP	204.71	356.71	359.46	359.94	361.02	0.021179	5.57	1.04	0.47	38.57	30.96	1.41
Teggina Valle	Teggina Valle	97.480*	Max WS	UF_Tr200_D6_APP	162.55	356.36	358.84	359.26	360.20	0.020628	5.26	1.39	0.09	33.98	29.41	1.37
Teggina Valle	Teggina Valle	97.480*	Max WS	UF_Tr200_D3_APP	210.74	356.36	359.06	359.55	360.69	0.021011	5.81	1.80	0.74	41.64	36.26	1.42
Teggina Valle	Teggina Valle	97.480*	Max WS	UF_Tr200_D1_APP	206.75	356.36	359.04	359.53	360.65	0.020977	5.77	1.77	0.69	41.03	36.26	1.41
Teggina Valle	Teggina Valle	97.456*	Max WS	UF_Tr200_D6_APP	161.44	356.01	358.48	358.68	359.43	0.015833	4.38	0.64	1.35	39.61	35.22	1.20
Teggina Valle	Teggina Valle	97.456*	Max WS	UF_Tr200_D3_APP	206.79	356.01	358.70	358.94	359.82	0.015424	4.77	1.05	1.62	47.33	35.22	1.21
Teggina Valle	Teggina Valle	97.456*	Max WS	UF_Tr200_D1_APP	203.13	356.01	358.68	358.92	359.79	0.015437	4.74	1.02	1.60	46.75	35.22	1.21
Teggina Valle	Teggina Valle	97.432*	Max WS	UF_Tr200_D6_APP	156.84	355.66	358.13	358.55	359.50	0.019118	5.24	0.51	1.28	32.66	28.95	1.33
Teggina Valle	Teggina Valle	97.432*	Max WS	UF_Tr200_D3_APP	197.58	355.66	358.36	358.82	359.92	0.018556	5.65	0.76	1.64	39.71	33.30	1.34
Teggina Valle	Teggina Valle	97.432*	Max WS	UF_Tr200_D1_APP	194.24	355.66	358.35	358.80	359.89	0.018567	5.62	0.75	1.61	39.15	32.81	1.34
Teggina Valle	Teggina Valle	97.408	Max WS	UF_Tr200_D6_APP	158.29	355.31	357.67	358.19	359.40	0.027820	5.84		0.87	27.88	24.25	1.58
Teggina Valle	Teggina Valle	97.408	Max WS	UF_Tr200_D3_APP	199.25	355.31	357.92	358.52	359.81	0.026466	6.14		1.47	34.07	25.35	1.57
Teggina Valle	Teggina Valle	97.408	Max WS	UF_Tr200_D1_APP	196.00	355.31	357.90	358.50	359.78	0.026597	6.12		1.43	33.58	25.27	1.57
Teggina Valle	Teggina Valle	97.384*	Max WS	UF_Tr200_D6_APP	158.82	354.96	357.20	357.50	358.38	0.019722	4.82			32.97	23.92	1.31
Teggina Valle	Teggina Valle	97.384*	Max WS	UF_Tr200_D3_APP	201.16	354.96	357.48	357.77	358.78	0.018389	5.05			39.81	25.29	1.29
Teggina Valle	Teggina Valle	97.384*	Max WS	UF_Tr200_D1_APP	197.77	354.96	357.46	357.75	358.75	0.018520	5.04			39.24	25.17	1.29
Teggina Valle	Teggina Valle	97.360*	Max WS	UF_Tr200_D6_APP	156.39	354.61	356.81	357.12	358.02	0.019478	4.87			32.09	22.52	1.30
Teggina Valle	Teggina Valle	97.360*	Max WS	UF_Tr200_D3_APP	196.19	354.61	357.13	357.39	358.39	0.017229	4.98			39.40	24.19	1.25
Teggina Valle	Teggina Valle	97.360*	Max WS	UF_Tr200_D1_APP	192.91	354.61	357.10	357.37	358.36	0.017381	4.97			38.80	24.04	1.25
Teggina Valle	Teggina Valle	97.336*	Max WS	UF_Tr200_D6_APP	150.98	354.25	356.45	356.68	357.57	0.016633	4.68			32.24	21.14	1.21
Teggina Valle	Teggina Valle	97.336*	Max WS	UF_Tr200_D3_APP	190.41	354.25	356.81	356.98	357.96	0.014435	4.74	0.10		40.15	23.12	1.15
Teggina Valle	Teggina Valle	97.336*	Max WS	UF_Tr200_D1_APP	187.02	354.25	356.78	356.96	357.93	0.014663	4.74			39.49	22.94	1.15
Teggina Valle	Teggina Valle	97.312	Max WS	UF_Tr200_D6_APP	160.94	353.90	356.13	356.42	357.42	0.016539	5.04			31.93	18.58	1.23
Teggina Valle	Teggina Valle	97.312	Max WS	UF_Tr200_D3_APP	204.70	353.90	356.52	356.83	357.88	0.015404	5.17			39.62	20.80	1.20
Teggina Valle	Teggina Valle	97.312	Max WS	UF_Tr200_D1_APP	201.03	353.90	356.49	356.80	357.84	0.015471	5.16			38.97	20.59	1.20
Teggina Valle	Teggina Valle	97.288*	Max WS	UF_Tr200_D6_APP	169.35	353.54	355.79	356.15	357.17	0.016944	5.20		0.93	33.08	20.87	1.27
Teggina Valle	Teggina Valle	97.288*	Max WS	UF_Tr200_D3_APP	220.75	353.54	356.21	356.57	357.66	0.015460	5.36		1.42	42.27	23.22	1.23
Teggina Valle	Teggina Valle	97.288*	Max WS	UF_Tr200_D1_APP	216.39	353.54	356.18	356.54	357.62	0.015500	5.34		1.39	41.51	22.98	1.23
Teggina Valle	Teggina Valle	97.264*	Max WS	UF_Tr200_D6_APP	172.92	353.19	355.46	355.84	356.84	0.016903	5.21		1.04	33.93	21.87	1.27
Teggina Valle	Teggina Valle	97.264*	Max WS	UF_Tr200_D3_APP	234.27	353.19	355.90	356.29	357.42	0.015912	5.49		1.48	44.51	25.57	1.26
Teggina Valle	Teggina Valle	97.264*	Max WS	UF_Tr200_D1_APP	228.73	353.19	355.87	356.26	357.37	0.015874	5.46		1.44	43.66	25.34	1.25
Teggina Valle	Teggina Valle	97.240*	Max WS	UF_Tr200_D6_APP	175.49	352.83	355.13	355.49	356.48	0.016497	5.18		1.16	34.95	22.67	1.26
Teggina Valle	Teggina Valle	97.240*	Max WS	UF_Tr200_D3_APP	244.14	352.83	355.59	356.00	357.13	0.015721	5.54	0.12	1.53	46.46	27.19	1.26
Teggina Valle	Teggina Valle	97.240*	Max WS	UF_Tr200_D1_APP	237.90	352.83	355.56	355.96	357.07	0.015793	5.50		1.51	45.56	26.68	1.26
Teggina Valle	Teggina Valle	97.216	Max WS	UF_Tr200_D6_APP	176.82	352.47	354.81	355.14	356.10	0.015439	5.05		1.26	36.41	23.56	1.22
Teggina Valle	Teggina Valle	97.216	Max WS	UF_Tr200_D3_APP	250.23	352.47	355.29	355.66	356.78	0.014671	5.46	0.23	1.61	48.81	28.35	1.22
Teggina Valle	Teggina Valle	97.216	Max WS	UF_Tr200_D1_APP	243.61	352.47	355.26	355.62	356.72	0.014720	5.41	0.17	1.58	47.87	27.87	1.22
Teggina Valle	Teggina Valle	97.192	Max WS	UF_Tr200_D6_APP	177.54	352.12	354.48	354.87	355.94	0.017869	5.34	0.32		33.26	19.19	1.27
Teggina Valle	Teggina Valle	97.192	Max WS	UF_Tr200_D3_APP	253.06	352.12	354.98	355.42	356.73	0.017087	5.88	0.90		44.75	26.40	1.26
Teggina Valle	Teggina Valle	97.192	Max WS	UF_Tr200_D1_APP	246.32	352.12	354.95	355.38	356.66	0.017039	5.82	0.92		43.62	24.88	1.26
Teggina Valle	Teggina Valle	97.19			Lat Struct											
Teggina Valle	Teggina Valle	97.18			Lat Struct											
Teggina Valle	Teggina Valle	97.168*	Max WS	UF_Tr200_D6_APP	177.80	351.76	354.14	354.50	355.61	0.017107	5.37			33.09	18.21	1.27
Teggina Valle	Teggina Valle	97.168*	Max WS	UF_Tr200_D3_APP	252.65	351.76	354.65	355.09	356.40	0.016108	5.87	0.67		44.05	26.23	1.26
Teggina Valle	Teggina Valle	97.168*	Max WS	UF_Tr200_D1_APP	246.33	351.76	354.62	355.04	356.34	0.016085	5.81	0.58		43.20	26.23	1.26

HEC-RAS Profile: Max WS (Continued)

River	Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
					(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Teggina Valle	Teggina Valle	97.144*	Max WS	UF_Tr200_D6_APP	178.06	351.40	353.80	354.17	355.28	0.017209	5.39			33.06	18.10	1.27
Teggina Valle	Teggina Valle	97.144*	Max WS	UF_Tr200_D3_APP	252.36	351.40	354.33	354.77	356.06	0.017072	5.83	0.16		43.31	22.49	1.29
Teggina Valle	Teggina Valle	97.144*	Max WS	UF_Tr200_D1_APP	246.41	351.40	354.29	354.72	356.00	0.017118	5.78	0.02		42.60	20.71	1.29
Teggina Valle	Teggina Valle	97.120	Max WS	UF_Tr200_D6_APP	178.32	351.04	353.47	353.83	354.94	0.016085	5.37			33.20	18.02	1.26
Teggina Valle	Teggina Valle	97.120	Max WS	UF_Tr200_D3_APP	254.18	351.04	354.01	354.43	355.71	0.014793	5.79	0.97		45.47	25.89	1.24
Teggina Valle	Teggina Valle	97.120	Max WS	UF_Tr200_D1_APP	248.09	351.04	353.98	354.39	355.65	0.014830	5.75	0.90		44.59	25.89	1.24
Teggina Valle	Teggina Valle	97.096*	Max WS	UF_Tr200_D6_APP	178.61	350.69	353.15	353.50	354.59	0.015646	5.31			33.60	18.05	1.24
Teggina Valle	Teggina Valle	97.096*	Max WS	UF_Tr200_D3_APP	256.53	350.69	353.72	354.12	355.39	0.014620	5.74	0.83		45.76	25.73	1.23
Teggina Valle	Teggina Valle	97.096*	Max WS	UF_Tr200_D1_APP	250.26	350.69	353.69	354.07	355.33	0.014650	5.69	0.74		44.87	25.73	1.22
Teggina Valle	Teggina Valle	97.072*	Max WS	UF_Tr200_D6_APP	178.86	350.33	352.86	353.17	354.24	0.013938	5.21			34.35	18.10	1.21
Teggina Valle	Teggina Valle	97.072*	Max WS	UF_Tr200_D3_APP	255.89	350.33	353.45	353.79	355.03	0.013036	5.58	0.65		46.51	25.56	1.19
Teggina Valle	Teggina Valle	97.072*	Max WS	UF_Tr200_D1_APP	250.76	350.33	353.41	353.75	354.99	0.013195	5.56	0.54		45.60	25.56	1.19
Teggina Valle	Teggina Valle	97.048	Max WS	UF_Tr200_D6_APP	179.12	349.97	352.61	352.84	353.89	0.011854	5.01			35.72	18.31	1.15
Teggina Valle	Teggina Valle	97.048	Max WS	UF_Tr200_D3_APP	254.97	349.97	353.21	353.46	354.66	0.011051	5.34	0.55		48.20	25.39	1.13
Teggina Valle	Teggina Valle	97.048	Max WS	UF_Tr200_D1_APP	250.94	349.97	353.17	353.43	354.63	0.011329	5.35	0.42		47.20	25.39	1.14
Teggina Valle	Teggina Valle	97.024*	Max WS	UF_Tr200_D6_APP	180.69	349.62	352.39	352.51	353.55	0.010437	4.77			37.85	18.85	1.08
Teggina Valle	Teggina Valle	97.024*	Max WS	UF_Tr200_D3_APP	258.78	349.62	353.00	353.15	354.32	0.010066	5.10	0.88		51.40	25.22	1.08
Teggina Valle	Teggina Valle	97.024*	Max WS	UF_Tr200_D1_APP	255.06	349.62	352.95	353.13	354.29	0.010449	5.13	0.78		50.24	25.22	1.09
Teggina Valle	Teggina Valle	97	Max WS	UF_Tr200_D6_APP	183.54	349.26	352.20	352.21	353.25	0.008583	4.53			40.47	19.51	1.01
Teggina Valle	Teggina Valle	97	Max WS	UF_Tr200_D3_APP	263.83	349.26	352.82	352.88	354.02	0.008609	4.87	1.17		54.65	25.05	1.02
Teggina Valle	Teggina Valle	97	Max WS	UF_Tr200_D1_APP	260.91	349.26	352.76	352.85	354.00	0.009104	4.93	1.11		53.29	25.05	1.05
Teggina Valle	Teggina Valle	96.889	Max WS	UF_Tr200_D6_APP	185.15	348.94	352.05		352.89	0.006343	4.05			45.68	21.08	0.88
Teggina Valle	Teggina Valle	96.889	Max WS	UF_Tr200_D3_APP	261.61	348.94	352.67		353.62	0.005860	4.33	1.22		61.17	25.29	0.86
Teggina Valle	Teggina Valle	96.889	Max WS	UF_Tr200_D1_APP	262.72	348.94	352.61		353.62	0.006429	4.46	1.20		59.52	25.29	0.90
Teggina Valle	Teggina Valle	96.778*	Max WS	UF_Tr200_D6_APP	187.30	348.62	351.94		352.60	0.004842	3.60	0.56		52.31	25.51	0.78
Teggina Valle	Teggina Valle	96.778*	Max WS	UF_Tr200_D3_APP	260.44	348.62	352.57		353.33	0.004074	3.85	1.20		68.51	25.52	0.73
Teggina Valle	Teggina Valle	96.778*	Max WS	UF_Tr200_D1_APP	264.06	348.62	352.50		353.32	0.004575	4.02	1.22		66.58	25.52	0.78
Teggina Valle	Teggina Valle	96.667*	Max WS	UF_Tr200_D6_APP	190.29	348.31	351.86		352.38	0.003305	3.21	0.80		59.82	25.75	0.66
Teggina Valle	Teggina Valle	96.667*	Max WS	UF_Tr200_D3_APP	271.57	348.31	352.52		353.17	0.003100	3.59	1.17		76.82	25.75	0.65
Teggina Valle	Teggina Valle	96.667*	Max WS	UF_Tr200_D1_APP	266.89	348.31	352.43		353.10	0.003289	3.63	1.17		74.53	25.75	0.67
Teggina Valle	Teggina Valle	96.556	Max WS	UF_Tr200_D6_APP	193.40	347.99	351.86		352.26	0.002175	2.83	0.84		69.19	25.98	0.54
Teggina Valle	Teggina Valle	96.556	Max WS	UF_Tr200_D3_APP	272.22	347.99	352.51		353.03	0.002189	3.21	1.06		86.06	25.98	0.55
Teggina Valle	Teggina Valle	96.556	Max WS	UF_Tr200_D1_APP	271.85	347.99	352.42		352.97	0.002363	3.29	1.07		83.89	25.98	0.58
Teggina Valle	Teggina Valle	96.445*	Max WS	UF_Tr200_D6_APP	196.96	347.67	351.87		352.20	0.001514	2.55	0.83		78.37	26.21	0.46
Teggina Valle	Teggina Valle	96.445*	Max WS	UF_Tr200_D3_APP	272.35	347.67	352.58		352.99	0.001509	2.87	1.02		96.88	26.21	0.47
Teggina Valle	Teggina Valle	96.445*	Max WS	UF_Tr200_D1_APP	277.75	347.67	352.42		352.89	0.001786	3.05	1.07		92.90	26.21	0.51
Teggina Valle	Teggina Valle	96.333*	Max WS	UF_Tr200_D6_APP	198.67	347.35	351.89		352.16	0.001093	2.32	0.81		87.42	26.44	0.40
Teggina Valle	Teggina Valle	96.333*	Max WS	UF_Tr200_D3_APP	272.44	347.35	352.68		353.01	0.001074	2.58	0.97		108.24	26.44	0.40
Teggina Valle	Teggina Valle	96.333*	Max WS	UF_Tr200_D1_APP	282.66	347.35	352.43		352.84	0.001396	2.85	1.06		101.70	26.44	0.45
Teggina Valle	Teggina Valle	96.222	Max WS	UF_Tr200_D6_APP	197.88	347.04	351.92		352.14	0.000807	2.11	0.78		96.27	26.67	0.34
Teggina Valle	Teggina Valle	96.222	Max WS	UF_Tr200_D3_APP	287.74	347.04	352.66		352.99	0.000968	2.55	1.01		116.17	26.67	0.38
Teggina Valle	Teggina Valle	96.222	Max WS	UF_Tr200_D1_APP	286.05	347.04	352.44		352.80	0.001120	2.67	1.04		110.25	26.67	0.41
Teggina Valle	Teggina Valle	96.221			Lat Struct											
Teggina Valle	Teggina Valle	96.111	Max WS	UF_Tr200_D6_APP	180.17	346.72	352.01	349.53	352.16	0.000482	1.70	0.50		107.47	26.90	0.27
Teggina Valle	Teggina Valle	96.111	Max WS	UF_Tr200_D3_APP	262.74	346.72	352.76	350.09	352.98	0.000605	2.09	0.61		127.59	26.90	0.30
Teggina Valle	Teggina Valle	96.111	Max WS	UF_Tr200_D1_APP	247.49	346.72	352.63	349.99	352.84	0.000582	2.02	0.59		124.25	26.90	0.30
Teggina Valle	Teggina Valle	96.1			Inl Struct											
Teggina Valle	Teggina Valle	96	Max WS	UF_Tr200_D6_APP	180.15	346.40	350.29		350.65	0.001871	2.66	0.49		68.33	27.13	0.51
Teggina Valle	Teggina Valle	96	Max WS	UF_Tr200_D3_APP	262.74	346.40	351.54		351.89	0.001195	2.64	1.00		102.26	27.13	0.42
Teggina Valle	Teggina Valle	96	Max WS	UF_Tr200_D1_APP	247.49	346.40	351.32		351.67	0.001270	2.64	0.96		96.28	27.13	0.43
Teggina Valle	Teggina Valle	95.800*	Max WS	UF_Tr200_D6_APP	193.08	346.23	350.16		350.60	0.002255	2.94			65.77	23.58	0.56
Teggina Valle	Teggina Valle	95.800*	Max WS	UF_Tr200_D3_APP	287.69	346.23	351.30		351.78	0.001685	3.07	0.81		95.11	27.01	0.50
Teggina Valle	Teggina Valle	95.800*	Max WS	UF_Tr200_D1_APP	270.81	346.23	351.15		351.61	0.001696	3.02	0.70		91.03	27.01	0.50
Teggina Valle	Teggina Valle	95.600*	Max WS	UF_Tr200_D6_APP	193.40	346.07	350.12		350.56	0.002072	2.91			66.53	22.57	0.54
Teggina Valle	Teggina Valle	95.600*	Max WS	UF_Tr200_D3_APP	287.50	346.07	351.20		351.70	0.001783	3.14	0.24		91.64	25.01	0.51
Teggina Valle	Teggina Valle	95.600*	Max WS	UF_Tr200_D1_APP	271.68	346.07	351.11		351.58	0.001721	3.04	0.15		89.32	24.21	0.50
Teggina Valle	Teggina Valle	95.400	Max WS	UF_Tr200_D6_APP	193.62	345.90	350.10		350.52	0.001916	2.87			67.46	21.54	0.52
Teggina Valle	Teggina Valle	95.400	Max WS	UF_Tr200_D3_APP	283.18	345.90	351.19		351.68	0.001681	3.08			91.89	22.92	0.49
Teggina Valle	Teggina Valle	95.400	Max WS	UF_Tr200_D1_APP	269.64	345.90	351.09		351.55	0.001639	3.01			89.59	22.83	0.49
Teggina Valle	Teggina Valle	95.200*	Max WS	UF_Tr200_D6_APP	193.85	345.74	350.07		350.48	0.001796	2.85			68.13	20.65	0.50
Teggina Valle	Teggina Valle	95.200*	Max WS	UF_Tr200_D3_APP	282.51	345.74	351.16		351.64	0.001649	3.09			91.49	22.13	0.48
Teggina Valle	Teggina Valle	95.200*	Max WS	UF_Tr200_D1_APP	270.05	345.74	351.06		351.52	0.001614	3.02			89.31	22.05	0.48
Teggina Valle	Teggina Valle	95.1			Lat Struct											
Teggina Valle	Teggina Valle	95	Max WS	UF_Tr200_D6_APP	194.07	345.57	350.05	348.51	350.45	0.001702	2.82			68.83	19.61	0.48
Teggina Valle	Teggina Valle	95	Max WS	UF_Tr200_D3_APP	276.94	345.57	351.16	349.15	351.63	0.001550	3.01			91.95	21.42	0.46
Teggina Valle	Teggina Valle	95	Max WS	UF_Tr200_D1_APP	267.61	345.57	351.05	349.09	351.50	0.001566	2.99			89.43	21.33	0.47
Teggina Valle	Teggina Valle	94.9			Bridge											
Teggina Valle	Teggina Valle	94.889	Max WS	UF_Tr200_D6_APP	194.07	345.32	348.34	348.33	349.48	0.007701	4.72			41.10	18.13	1.00
Teggina Valle	Teggina Valle	94.889	Max WS	UF_Tr200_D3_APP	276.41	345.32	348.94	348.96	350.37	0.007671	5.29			52.28	18.82	1.01
Teggina Valle	Teggina Valle	94.889	Max WS	UF_Tr200_D1_APP	267.61	345.32	348.89	348.89	350.28	0.007582	5.21			51.34	18.77	1.01
Teggina Valle	Teggina Valle	94.778*	Max WS	UF_Tr200_D6_APP	194.30	345.08	348.20	348.16	349.28	0.007223	4.59			42.32	18.73	0.98
Teggina Valle	Teggina Valle	94.778*	Max WS	UF_Tr200_D3_APP	276.75	345.08	348.81	348.77	350.15	0.007160	5.13			53.90	19.48	0.99
Teggina Valle	Teggina Valle	94.778*	Max WS	UF_Tr200_D1_APP	268.04	345.08	348.76	348.71	350.07	0.007076	5.06			52.95	19.42	0.98
Teggina Valle	Teggina Valle	94.667*	Max WS	UF_Tr200_D6_APP	194.54	344.83	348.07	347.98	349.08	0.006708	4.45			43.73	19.32	0.94
Teggina Valle	Teggina Valle	94.667*	Max WS	UF_Tr200_D3_APP	277.01	344.83	348.68	348.58	349.94	0.006639	4.97			55.71	20.12	0.95
Teggina Valle	Teggina Valle	94.667*	Max WS	UF_Tr200_D1_APP	268.49	344.83	348.64	348.53	349.86	0.006559	4.90			54.76	20.06	0.95
Teggina Valle	Teggina Valle	94.556*	Max WS	UF_Tr200_D6_APP	194.78	344.59	347.96		348.90	0.006128	4.29			45.39	19.81	0.91
Teggina Valle	Teggina Valle	94.556*	Max WS	UF_Tr200_D3_APP	276.95	344.59	348.57		349.74	0.006093	4.80			57.74	20.75	0.92
Teggina Valle	Teggina Valle	94.556*	Max WS	UF_Tr200_D1_APP	268.92	344.59	348.52		349.66	0.006031	4.74			56.79	20.68	0.91
Teggina Valle	Teggina Valle	94.444*	Max WS	UF_Tr200_D6_APP	195.02	344.34	347.85		348.72	0.005494	4.12			47.37	20.22	0.86
Teggina Valle	Teggina Valle	94.444*	Max WS	UF_Tr200_D3_APP	276.92	344.34	348.46		349.54	0.005545	4.61			60.03	21.35	0.88
Teggina Valle	Teggina Valle	94.444*	Max WS	UF_Tr200_D1_APP	269.07	344.34	348.42		349.47	0.005485	4.55			59.08	21.28	0.87
Teggina Valle	Teggina Valle	94.333*	Max WS	UF_Tr200_D6_APP	193.50	344.10	347.76		348.53	0.004753	3.89			49.73	20.63	0.80
Teggina Valle	Teggina Valle	94.333*	Max WS	UF_Tr200_D3_APP	263.57	344.10	348.37		349.27	0.004506	4.20			62.71	21.94	0.79
Teggina Valle	Teggina Valle	94.333*	Max WS	UF_Tr200_D1_APP	257.08	344.10	348.32		349.21	0.004484	4.16			61.75	21.86	0.79
Teggina Valle	Teggina Valle	94.222*	Max WS	UF_Tr200_D6_APP	194.17	343.85	347.68		348.38	0.004135	3.70			52.48	21.03	0.75
Teggina Valle	Teggina Valle	94.222*	Max WS	UF_Tr200_D3_APP	256.81	343.85	348.30		349.07	0.003743	3.89			66.00	22.46	0.72
Teggina Valle	Teggina Valle	94.222*	Max WS	UF_Tr200_D1_APP	251.83	343.85	348.26		349.02	0.003752	3.87			65.04	22.36	0.72
Teggina Valle	Teggina Valle	94.111	Max WS	UF_Tr200_D6_APP	194.75	343.61	347.63	346.97	348.24	0.003480	3.48			56.02	21.50	0.69
Teggina Valle	Teggina Valle	94.111	Max WS	UF_Tr200_D3_APP	256.32	343.61	348.27	347.43	348.95	0.003148	3.65			70.31	23.03	0.67
Teggina Valle	Teggina Valle	94.111	Max WS	UF_Tr200_D1_APP	251.86	343.61	348.22	347.40	348.90	0.003170	3.64			69.27	22.92	0.67
Teggina Valle	Teggina Valle	94.06			Bridge											

HEC-RAS Profile: Max WS (Continued)

River	Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
					(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Teggina Valle	Teggina Valle	94	Max WS	UF_Tr200_D6_APP	194.75	343.36	346.48	346.74	347.87	0.010979	5.22			37.29	18.53	1.18
Teggina Valle	Teggina Valle	94	Max WS	UF_Tr200_D3_APP	255.73	343.36	346.86	347.21	348.53	0.011453	5.72			44.74	19.96	1.22
Teggina Valle	Teggina Valle	94	Max WS	UF_Tr200_D1_APP	251.82	343.36	346.82	347.18	348.50	0.011690	5.73			43.91	19.81	1.23
Teggina Valle	Teggina Valle	93.917*	Max WS	UF_Tr200_D6_APP	194.99	343.17	346.27	346.55	347.73	0.011589	5.36			36.36	18.07	1.21
Teggina Valle	Teggina Valle	93.917*	Max WS	UF_Tr200_D3_APP	255.97	343.17	346.64	347.03	348.42	0.011931	5.90			43.37	18.88	1.24
Teggina Valle	Teggina Valle	93.917*	Max WS	UF_Tr200_D1_APP	252.21	343.17	346.60	347.00	348.39	0.012308	5.94			42.48	18.78	1.26
Teggina Valle	Teggina Valle	93.833*	Max WS	UF_Tr200_D6_APP	195.24	342.99	346.04	346.50	347.59	0.012343	5.53		0.66	36.25	28.75	1.25
Teggina Valle	Teggina Valle	93.833*	Max WS	UF_Tr200_D3_APP	256.00	342.99	346.43	346.89	348.11	0.011363	5.85		1.82	47.41	29.23	1.23
Teggina Valle	Teggina Valle	93.833*	Max WS	UF_Tr200_D1_APP	252.57	342.99	346.37	346.87	348.12	0.012101	5.96		1.73	45.72	29.16	1.26
Teggina Valle	Teggina Valle	93.750*	Max WS	UF_Tr200_D6_APP	195.48	342.80	345.83	345.99	346.88	0.010669	4.55			42.93	26.86	1.15
Teggina Valle	Teggina Valle	93.750*	Max WS	UF_Tr200_D3_APP	259.26	342.80	346.23	346.36	347.40	0.009341	4.78			54.19	28.13	1.10
Teggina Valle	Teggina Valle	93.750*	Max WS	UF_Tr200_D1_APP	251.62	342.80	346.16	346.32	347.35	0.009851	4.82			52.25	28.04	1.13
Teggina Valle	Teggina Valle	93.667*	Max WS	UF_Tr200_D6_APP	194.57	342.61	345.65	345.75	346.64	0.007830	4.71		2.77	47.05	26.55	1.02
Teggina Valle	Teggina Valle	93.667*	Max WS	UF_Tr200_D3_APP	252.27	342.61	346.08	346.09	347.13	0.006997	4.88		3.12	58.48	27.17	0.98
Teggina Valle	Teggina Valle	93.667*	Max WS	UF_Tr200_D1_APP	246.12	342.61	346.00	346.05	347.08	0.007414	4.95		3.12	56.37	27.05	1.01
Teggina Valle	Teggina Valle	93.6			Lat Struct											
Teggina Valle	Teggina Valle	93.583*	Max WS	UF_Tr200_D6_APP	193.40	342.42	345.50	345.70	346.63	0.008803	5.02		2.73	44.09	25.57	1.08
Teggina Valle	Teggina Valle	93.583*	Max WS	UF_Tr200_D3_APP	244.40	342.42	345.95	346.03	347.04	0.007263	4.99		3.04	55.68	26.32	1.00
Teggina Valle	Teggina Valle	93.583*	Max WS	UF_Tr200_D1_APP	246.41	342.42	345.85	346.05	347.08	0.008368	5.26		3.15	53.29	26.16	1.07
Teggina Valle	Teggina Valle	93.500*	Max WS	UF_Tr200_D6_APP	194.49	342.23	345.34	345.58	346.48	0.007741	5.06	2.30	1.82	46.95	31.25	1.04
Teggina Valle	Teggina Valle	93.500*	Max WS	UF_Tr200_D3_APP	244.03	342.23	345.82	345.87	346.84	0.005659	4.89	2.46	2.18	61.97	31.25	0.92
Teggina Valle	Teggina Valle	93.500*	Max WS	UF_Tr200_D1_APP	252.69	342.23	345.71	345.91	346.94	0.007197	5.36	2.65	2.31	58.34	31.25	1.03
Teggina Valle	Teggina Valle	93.417*	Max WS	UF_Tr200_D6_APP	196.94	342.05	345.16	345.55	346.66	0.012112	5.45		1.11	37.07	24.02	1.25
Teggina Valle	Teggina Valle	93.417*	Max WS	UF_Tr200_D3_APP	261.67	342.05	345.69	346.02	347.19	0.009048	5.52	0.83	2.06	50.65	28.97	1.13
Teggina Valle	Teggina Valle	93.417*	Max WS	UF_Tr200_D1_APP	260.60	342.05	345.53	346.02	347.28	0.011300	5.91	0.89	2.01	46.43	25.71	1.24
Teggina Valle	Teggina Valle	93.333*	Max WS	UF_Tr200_D6_APP	197.39	341.86	344.94	345.29	346.35	0.010754	5.40	0.94	2.31	40.03	26.75	1.20
Teggina Valle	Teggina Valle	93.333*	Max WS	UF_Tr200_D3_APP	262.10	341.86	345.53	345.69	346.84	0.007397	5.29	1.82	2.69	55.79	26.75	1.04
Teggina Valle	Teggina Valle	93.333*	Max WS	UF_Tr200_D1_APP	266.41	341.86	345.33	345.72	346.98	0.010230	5.91	1.82	2.89	50.46	26.75	1.20
Teggina Valle	Teggina Valle	93.250*	Max WS	UF_Tr200_D6_APP	198.11	341.67	344.73	345.07	346.14	0.011925	5.38		2.28	39.46	24.50	1.23
Teggina Valle	Teggina Valle	93.250*	Max WS	UF_Tr200_D3_APP	280.92	341.67	345.38	345.58	346.81	0.008855	5.49		2.89	55.37	24.50	1.09
Teggina Valle	Teggina Valle	93.250*	Max WS	UF_Tr200_D1_APP	271.43	341.67	345.13	345.52	346.83	0.011761	5.96		2.96	49.17	24.50	1.24
Teggina Valle	Teggina Valle	93.167*	Max WS	UF_Tr200_D6_APP	198.08	341.49	344.50	344.90	346.07	0.012199	5.62		1.85	37.21	22.25	1.24
Teggina Valle	Teggina Valle	93.167*	Max WS	UF_Tr200_D3_APP	306.86	341.49	345.19	345.61	347.10	0.011006	6.28		2.97	52.54	22.25	1.20
Teggina Valle	Teggina Valle	93.167*	Max WS	UF_Tr200_D1_APP	270.86	341.49	344.90	345.39	346.84	0.012593	6.30		2.69	45.97	22.25	1.27
Teggina Valle	Teggina Valle	93.083*	Max WS	UF_Tr200_D6_APP	192.89	341.30	344.26	344.76	346.06	0.013406	6.00		1.81	33.87	19.99	1.29
Teggina Valle	Teggina Valle	93.083*	Max WS	UF_Tr200_D3_APP	318.86	341.30	344.96	345.64	347.47	0.014289	7.22		3.31	47.69	19.99	1.35
Teggina Valle	Teggina Valle	93.083*	Max WS	UF_Tr200_D1_APP	255.95	341.30	344.65	345.22	346.78	0.013456	6.59		2.68	41.65	19.99	1.30
Teggina Valle	Teggina Valle	93	Max WS	UF_Tr200_D6_APP	191.77	341.11	343.98	344.68	346.18	0.017380	6.59		1.11	29.39	14.18	1.36
Teggina Valle	Teggina Valle	93	Max WS	UF_Tr200_D3_APP	310.05	341.11	344.60	345.60	347.93	0.020745	8.19		2.79	40.05	17.74	1.51
Teggina Valle	Teggina Valle	93	Max WS	UF_Tr200_D1_APP	250.30	341.11	344.36	345.16	347.05	0.018169	7.32		1.89	35.67	17.74	1.40
Teggina Valle	Teggina Valle	92.975*	Max WS	UF_Tr200_D6_APP	193.91	340.95	343.69	343.93	345.09	0.011217	5.23			37.09	18.07	1.16
Teggina Valle	Teggina Valle	92.975*	Max WS	UF_Tr200_D3_APP	278.35	340.95	344.30	344.54	346.00	0.010547	5.78			48.17	18.36	1.14
Teggina Valle	Teggina Valle	92.975*	Max WS	UF_Tr200_D1_APP	255.77	340.95	344.06	344.38	345.80	0.011876	5.84			43.80	18.36	1.21
Teggina Valle	Teggina Valle	92.950*	Max WS	UF_Tr200_D6_APP	197.55	340.79	343.47	343.77	344.97	0.011164	5.59		3.13	37.75	18.80	1.22
Teggina Valle	Teggina Valle	92.950*	Max WS	UF_Tr200_D3_APP	328.70	340.79	344.05	344.69	346.55	0.014255	7.23		4.12	48.75	18.98	1.41
Teggina Valle	Teggina Valle	92.950*	Max WS	UF_Tr200_D1_APP	262.39	340.79	343.82	344.24	345.74	0.012073	6.33		3.60	44.39	18.98	1.29
Teggina Valle	Teggina Valle	92.925*	Max WS	UF_Tr200_D6_APP	196.61	340.63	343.25	343.55	344.74	0.011126	5.51		2.74	37.44	19.11	1.22
Teggina Valle	Teggina Valle	92.925*	Max WS	UF_Tr200_D3_APP	319.53	340.63	343.77	344.41	346.23	0.014360	7.09		3.61	47.47	19.53	1.42
Teggina Valle	Teggina Valle	92.925*	Max WS	UF_Tr200_D1_APP	261.48	340.63	343.59	344.03	345.51	0.012236	6.28		3.18	43.82	19.38	1.30
Teggina Valle	Teggina Valle	92.899*	Max WS	UF_Tr200_D6_APP	192.16	340.48	343.03	343.35	344.53	0.011406	5.47		2.24	36.31	19.42	1.23
Teggina Valle	Teggina Valle	92.899*	Max WS	UF_Tr200_D3_APP	295.17	340.48	343.50	344.09	345.76	0.013752	6.75		3.02	45.41	19.79	1.38
Teggina Valle	Teggina Valle	92.899*	Max WS	UF_Tr200_D1_APP	251.37	340.48	343.34	343.78	345.23	0.012241	6.15		2.69	42.41	19.67	1.30
Teggina Valle	Teggina Valle	92.874*	Max WS	UF_Tr200_D6_APP	187.61	340.32	342.82	343.04	344.15	0.010168	5.14		2.17	37.39	19.77	1.17
Teggina Valle	Teggina Valle	92.874*	Max WS	UF_Tr200_D3_APP	271.48	340.32	343.25	343.65	345.10	0.011339	6.08		2.62	45.94	20.14	1.26
Teggina Valle	Teggina Valle	92.874*	Max WS	UF_Tr200_D1_APP	239.49	340.32	343.12	343.43	344.73	0.010529	5.67		2.44	43.36	20.03	1.21
Teggina Valle	Teggina Valle	92.849*	Max WS	UF_Tr200_D6_APP	187.17	340.16	342.62	342.81	343.82	0.010311	4.85			38.63	20.99	1.14
Teggina Valle	Teggina Valle	92.849*	Max WS	UF_Tr200_D3_APP	259.87	340.16	343.04	343.29	344.56	0.010621	5.46			47.57	21.44	1.17
Teggina Valle	Teggina Valle	92.849*	Max WS	UF_Tr200_D1_APP	235.56	340.16	342.91	343.13	344.32	0.010402	5.24			44.94	21.44	1.16
Teggina Valle	Teggina Valle	92.824	Max WS	UF_Tr200_D6_APP	183.34	340.00	342.43	342.53	343.54	0.008426	4.66		0.04	39.31	20.28	1.07
Teggina Valle	Teggina Valle	92.824	Max WS	UF_Tr200_D3_APP	247.96	340.00	342.85	342.99	344.21	0.008127	5.17	1.05	0.04	48.42	22.05	1.08
Teggina Valle	Teggina Valle	92.824	Max WS	UF_Tr200_D1_APP	228.01	340.00	342.73	342.86	344.01	0.008242	5.02	0.84	0.04	45.73	22.05	1.08
Teggina Valle	Teggina Valle	92.799*	Max WS	UF_Tr200_D6_APP	181.76	339.83	342.28	342.26	343.23	0.007668	4.33	0.68		42.23	22.67	0.97
Teggina Valle	Teggina Valle	92.799*	Max WS	UF_Tr200_D3_APP	239.13	339.83	342.70	342.66	343.81	0.007079	4.67	1.41		51.93	22.67	0.95
Teggina Valle	Teggina Valle	92.799*	Max WS	UF_Tr200_D1_APP	223.23	339.83	342.58	342.56	343.65	0.007329	4.60	1.26		49.08	22.67	0.97
Teggina Valle	Teggina Valle	92.774*	Max WS	UF_Tr200_D6_APP	180.22	339.66	342.13	342.10	343.04	0.007513	4.24	0.96		42.92	23.29	0.97
Teggina Valle	Teggina Valle	92.774*	Max WS	UF_Tr200_D3_APP	238.20	339.66	342.57	342.49	343.61	0.006767	4.55	1.46		53.18	23.29	0.94
Teggina Valle	Teggina Valle	92.774*	Max WS	UF_Tr200_D1_APP	222.91	339.66	342.43	342.39	343.47	0.007122	4.51	1.36		50.12	23.29	0.96
Teggina Valle	Teggina Valle	92.749*	Max WS	UF_Tr200_D6_APP	179.60	339.49	341.97	341.98	342.87	0.008182	4.20			42.75	23.90	1.00
Teggina Valle	Teggina Valle	92.749*	Max WS	UF_Tr200_D3_APP	236.59	339.49	342.43		343.42	0.006935	4.40			53.74	23.90	0.94
Teggina Valle	Teggina Valle	92.749*	Max WS	UF_Tr200_D1_APP	224.83	339.49	342.29	342.27	343.31	0.007679	4.47			50.34	23.90	0.98
Teggina Valle	Teggina Valle	92.724*	Max WS	UF_Tr200_D6_APP	177.54	339.32	341.82	341.74	342.63	0.006934	4.18		2.90	45.93	24.52	0.95
Teggina Valle	Teggina Valle	92.724*	Max WS	UF_Tr200_D3_APP	244.11	339.32	342.30		343.27	0.006461	4.59		3.20	57.63	24.52	0.94
Teggina Valle	Teggina Valle	92.724*	Max WS	UF_Tr200_D1_APP	226.96	339.32	342.15	342.05	343.10	0.006897	4.56		3.18	53.85	24.52	0.96
Teggina Valle	Teggina Valle	92.698*	Max WS	UF_Tr200_D6_APP	179.95	339.15	341.67	341.67	342.54	0.008180	4.11			43.76	25.05	0.99
Teggina Valle	Teggina Valle	92.698*	Max WS	UF_Tr200_D3_APP	272.87	339.15	342.15	342.23	343.37	0.008826	4.90			55.66	25.05	1.05
Teggina Valle	Teggina Valle	92.698*	Max WS	UF_Tr200_D1_APP	232.62	339.15	342.00	341.99	343.02	0.007987	4.48			51.90	25.05	0.99
Teggina Valle	Teggina Valle	92.673*	Max WS	UF_Tr200_D6_APP	179.40	338.98	341.51	341.56	342.43	0.008140	4.41		2.61	43.89	25.75	1.02
Teggina Valle	Teggina Valle	92.673*	Max WS	UF_Tr200_D3_APP	255.51	338.98	341.98	342.03	343.12	0.007822	4.93		3.09	55.95	25.75	1.02
Teggina Valle	Teggina Valle	92.673*	Max WS	UF_Tr200_D1_APP	235.49	338.98	341.84	341.91	342.95	0.008178	4.86		3.01	52.30	25.75	1.04
Teggina Valle	Teggina Valle	92.648*	Max WS	UF_Tr200_D6_APP	188.93	338.81	341.35	341.41	342.29	0.008617	4.49		2.91	45.50	26.36	1.05
Teggina Valle	Teggina Valle	92.648*	Max WS	UF_Tr200_D3_APP	283.85	338.81	341.81	341.95	343.13	0.009239	5.32		3.54	57.77	26.36	1.11
Teggina Valle	Teggina Valle	92.648*	Max WS	UF_Tr200_D1_APP	251.64	338.81	341.67	341.77	342.85	0.008957	5.04		3.34	54.00	26.36	1.09
Teggina Valle	Teggina Valle	92.623	Max WS	UF_Tr200_D6_APP	192.68	338.64	341.14	341.48	342.60	0.013133	5.39	2.28		36.58	22.11	1.31
Teggina Valle	Teggina Valle	92.623	Max WS	UF_Tr200_D3_APP	290.50	338.64	341.59	342.12	343.64	0.014126	6.40	2.85		46.62	22.56	1.40
Teggina Valle	Teggina Valle	92.623	Max WS	UF_Tr200_D1_APP	258.33	338.64	341.45	341.92	343.31	0.013801	6.09	2.69		43.53	22.43	1.37
Teggina Valle	Teggina Valle	92.6			Lat Struct											
Teggina Valle	Teggina Valle	92.598*	Max WS	UF_Tr200_D6_APP	187.84	338.40	340.88	341.21	342.29	0.012809	5.29	2.22		36.40	22.40	1.29
Teggina Valle	Teggina Valle	92.598*	Max WS	UF_Tr200_D3_APP	276.66	338.40	341.32	341.79	343.21	0.013325	6.16	2.78		46.22	22.83	1.36
Teggina Valle	Teggina Valle	92.598*	Max WS	UF_Tr200_D1_APP	249.37	338.40	341.18	341.62	342.95	0.013362	5.94	2.65		43.17	22.69	1.35
Teggina Valle	Teggina Valle	92.573*	Max WS	UF_Tr200_D6_APP	186.09	338.16	340.63	340.95	342.01	0.012719	5.24	2.26		36.51	22.69	1.28
Teggina Valle	Teggina Valle	92.573*	Max WS	UF_Tr200_D3_APP	274.86	338.16	341.05	341.52	342.94	0.013504	6.15	2.84		46.14	23.10	1.36
Teggina Valle	Teggina Valle	92.573*	Max WS	UF_Tr200_D1_APP	244.63	338.16	340.92	341.33	342.63	0.013164	5.85	2.67		43.13	22.97	1.33
Teggina Valle	Teggina Valle	92.548*	Max WS	UF_Tr200_D6_APP	183.48	337.93	340.38	340.70	341.75	0.012729	5.21	2.01		36.06	22.97	1.28
Teggina Valle	Teggina Valle	92.548*	Max WS	UF_Tr200_D3_APP	272.02	337.93	340.78	341.27	342.69	0.013919	6.18	2.74		45.34	23.37	1.38
Teggina Valle	Teggina Valle	92.548*	Max WS	UF_Tr200_D1_APP	239.70	337.93	340.66	341.08	342.35	0.013114	5.80	2.50		42.56	23.25	1.33

HEC-RAS Profile: Max WS (Continued)

River	Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
					(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Teggina Valle	Teggina Valle	92.522*	Max WS	UF_Tr200_D6_APP	177.83	337.69	340.14	340.40	341.41	0.011899	5.03	2.03		36.41	23.27	1.24
Teggina Valle	Teggina Valle	92.522*	Max WS	UF_Tr200_D3_APP	243.63	337.69	340.53	340.85	342.06	0.011301	5.54	2.52		45.51	23.65	1.24
Teggina Valle	Teggina Valle	92.522*	Max WS	UF_Tr200_D1_APP	228.40	337.69	340.42	340.75	341.93	0.011903	5.50	2.45		42.89	23.54	1.26
Teggina Valle	Teggina Valle	92.497*	Max WS	UF_Tr200_D6_APP	171.50	337.45	339.92	340.12	341.05	0.010058	4.80	2.19		37.73	23.59	1.14
Teggina Valle	Teggina Valle	92.497*	Max WS	UF_Tr200_D3_APP	235.02	337.45	340.32	340.55	341.68	0.009660	5.28	2.68		47.19	23.98	1.15
Teggina Valle	Teggina Valle	92.497*	Max WS	UF_Tr200_D1_APP	221.28	337.45	340.20	340.46	341.57	0.010407	5.30	2.62		44.22	23.86	1.18
Teggina Valle	Teggina Valle	92.472	Max WS	UF_Tr200_D6_APP	166.48	337.21	339.74	339.85	340.72	0.008899	4.44	1.85		38.74	23.94	1.07
Teggina Valle	Teggina Valle	92.472	Max WS	UF_Tr200_D3_APP	235.23	337.21	340.14	340.29	341.40	0.009022	5.05	2.37		48.41	24.33	1.11
Teggina Valle	Teggina Valle	92.472	Max WS	UF_Tr200_D1_APP	215.81	337.21	340.00	340.17	341.23	0.009400	4.96	2.26		45.13	24.20	1.12
Teggina Valle	Teggina Valle	92.447*	Max WS	UF_Tr200_D6_APP	164.30	337.03	339.56	339.64	340.51	0.009226	4.32	1.38		38.44	24.38	1.08
Teggina Valle	Teggina Valle	92.447*	Max WS	UF_Tr200_D3_APP	252.01	337.03	339.94	340.21	341.39	0.010963	5.35	1.89		47.83	24.78	1.21
Teggina Valle	Teggina Valle	92.447*	Max WS	UF_Tr200_D1_APP	213.51	337.03	339.82	339.98	341.00	0.009708	4.84	1.68		44.71	24.65	1.13
Teggina Valle	Teggina Valle	92.43			Lat Struct											
Teggina Valle	Teggina Valle	92.422*	Max WS	UF_Tr200_D6_APP	165.70	336.85	339.38	339.45	340.19	0.008751	4.02	1.86		42.57	30.42	1.05
Teggina Valle	Teggina Valle	92.422*	Max WS	UF_Tr200_D3_APP	226.21	336.85	339.73	339.79	340.69	0.008282	4.40	2.25		53.23	31.30	1.05
Teggina Valle	Teggina Valle	92.422*	Max WS	UF_Tr200_D1_APP	215.66	336.85	339.63	339.73	340.61	0.008980	4.44	2.23		50.22	31.05	1.09
Teggina Valle	Teggina Valle	92.396*	Max WS	UF_Tr200_D6_APP	168.22	336.67	339.23	339.31	340.06	0.006956	4.15	1.77	1.16	44.48	32.51	0.97
Teggina Valle	Teggina Valle	92.396*	Max WS	UF_Tr200_D3_APP	238.46	336.67	339.58	339.71	340.65	0.007305	4.77	2.28	1.82	55.90	32.51	1.02
Teggina Valle	Teggina Valle	92.396*	Max WS	UF_Tr200_D1_APP	218.55	336.67	339.47	339.60	340.50	0.007413	4.65	2.16	1.65	52.36	32.51	1.02
Teggina Valle	Teggina Valle	92.371*	Max WS	UF_Tr200_D6_APP	171.61	336.48	339.07	339.17	339.89	0.009549	4.03		1.43	43.61	33.12	1.08
Teggina Valle	Teggina Valle	92.371*	Max WS	UF_Tr200_D3_APP	244.73	336.48	339.42	339.54	340.46	0.009264	4.57		1.94	55.22	33.12	1.10
Teggina Valle	Teggina Valle	92.371*	Max WS	UF_Tr200_D1_APP	220.75	336.48	339.31	339.43	340.28	0.009348	4.41		1.80	51.56	33.12	1.09
Teggina Valle	Teggina Valle	92.346*	Max WS	UF_Tr200_D6_APP	172.33	336.30	338.88	339.07	339.90	0.009219	4.51	1.10	0.96	39.92	30.85	1.10
Teggina Valle	Teggina Valle	92.346*	Max WS	UF_Tr200_D3_APP	241.46	336.30	339.23	339.48	340.52	0.009221	5.10	1.80	1.74	50.79	30.85	1.13
Teggina Valle	Teggina Valle	92.346*	Max WS	UF_Tr200_D1_APP	218.68	336.30	339.12	339.35	340.32	0.009231	4.92	1.61	1.53	47.38	30.85	1.12
Teggina Valle	Teggina Valle	92.321*	Max WS	UF_Tr200_D6_APP	174.45	336.12	338.70	338.84	339.63	0.009786	4.33	2.00	0.72	42.11	31.26	1.11
Teggina Valle	Teggina Valle	92.321*	Max WS	UF_Tr200_D3_APP	249.11	336.12	339.05	339.25	340.26	0.009804	4.96	2.53	1.43	53.00	31.26	1.15
Teggina Valle	Teggina Valle	92.321*	Max WS	UF_Tr200_D1_APP	220.78	336.12	338.94	339.11	340.02	0.009439	4.69	2.34	1.23	49.65	31.26	1.12
Teggina Valle	Teggina Valle	92.295*	Max WS	UF_Tr200_D6_APP	175.09	335.94	338.52	338.65	339.49	0.008283	4.45	1.96		42.32	27.46	1.05
Teggina Valle	Teggina Valle	92.295*	Max WS	UF_Tr200_D3_APP	261.38	335.94	338.85	339.19	340.30	0.010616	5.51	2.76	0.48	51.32	28.62	1.21
Teggina Valle	Teggina Valle	92.295*	Max WS	UF_Tr200_D1_APP	222.44	335.94	338.76	338.94	339.92	0.008949	4.92	2.41	0.23	48.84	28.28	1.11
Teggina Valle	Teggina Valle	92.270*	Max WS	UF_Tr200_D6_APP	173.71	335.75	338.36	338.49	339.28	0.008969	4.31	1.34	1.28	42.16	30.94	1.08
Teggina Valle	Teggina Valle	92.270*	Max WS	UF_Tr200_D3_APP	227.79	335.75	338.68	338.80	339.74	0.008142	4.63	1.83	1.71	52.19	30.94	1.06
Teggina Valle	Teggina Valle	92.270*	Max WS	UF_Tr200_D1_APP	221.02	335.75	338.58	338.77	339.70	0.009185	4.75	1.79	1.68	49.16	30.94	1.11
Teggina Valle	Teggina Valle	92.245	Max WS	UF_Tr200_D6_APP	172.66	335.57	338.20	338.21	338.91	0.006474	3.85	1.68	1.65	50.07	36.19	0.92
Teggina Valle	Teggina Valle	92.245	Max WS	UF_Tr200_D3_APP	230.03	335.57	338.54	338.51	339.34	0.006005	4.17	2.03	2.01	62.25	36.19	0.92
Teggina Valle	Teggina Valle	92.245	Max WS	UF_Tr200_D1_APP	217.50	335.57	338.43	338.45	339.25	0.006599	4.21	1.99	1.97	58.12	36.19	0.95
Teggina Valle	Teggina Valle	92.220*	Max WS	UF_Tr200_D6_APP	167.68	335.46	338.06	338.07	338.76	0.007891	3.72		1.11	45.99	34.15	0.98
Teggina Valle	Teggina Valle	92.220*	Max WS	UF_Tr200_D3_APP	229.87	335.46	338.41	338.40	339.25	0.007253	4.08		1.59	57.87	34.15	0.97
Teggina Valle	Teggina Valle	92.220*	Max WS	UF_Tr200_D1_APP	209.89	335.46	338.29	338.30	339.10	0.007673	4.01		1.47	53.62	34.15	0.99
Teggina Valle	Teggina Valle	92.195*	Max WS	UF_Tr200_D6_APP	163.00	335.34	337.93	337.90	338.58	0.005240	3.76	1.96	1.01	50.55	37.42	0.85
Teggina Valle	Teggina Valle	92.195*	Max WS	UF_Tr200_D3_APP	236.21	335.34	338.28	338.30	339.14	0.005819	4.41	2.46	1.62	63.57	37.42	0.92
Teggina Valle	Teggina Valle	92.195*	Max WS	UF_Tr200_D1_APP	203.96	335.34	338.16	338.13	338.90	0.005376	4.09	2.24	1.39	58.94	37.42	0.88
Teggina Valle	Teggina Valle	92.170*	Max WS	UF_Tr200_D6_APP	162.35	335.22	337.82	337.85	338.58	0.006423	3.97	1.60	0.99	45.04	32.03	0.93
Teggina Valle	Teggina Valle	92.170*	Max WS	UF_Tr200_D3_APP	236.40	335.22	338.15	338.28	339.21	0.007374	4.74	2.22	1.53	55.70	32.03	1.02
Teggina Valle	Teggina Valle	92.170*	Max WS	UF_Tr200_D1_APP	201.11	335.22	338.04	338.08	338.92	0.006466	4.29	1.93	1.31	52.17	32.03	0.95
Teggina Valle	Teggina Valle	92.145*	Max WS	UF_Tr200_D6_APP	160.37	335.11	337.68	337.76	338.52	0.007775	4.07		1.29	40.21	25.58	1.00
Teggina Valle	Teggina Valle	92.145*	Max WS	UF_Tr200_D3_APP	225.98	335.11	338.00	338.13	339.01	0.008016	4.56	1.87	1.74	53.91	33.83	1.04
Teggina Valle	Teggina Valle	92.145*	Max WS	UF_Tr200_D1_APP	197.70	335.11	337.91	337.98	338.78	0.007354	4.22	1.64	1.56	50.71	33.83	0.99
Teggina Valle	Teggina Valle	92.119*	Max WS	UF_Tr200_D6_APP	154.47	334.99	337.56		338.07	0.004356	3.36	1.22	1.62	53.90	39.26	0.77
Teggina Valle	Teggina Valle	92.119*	Max WS	UF_Tr200_D3_APP	188.55	334.99	337.88		338.38	0.003566	3.36	1.45	1.77	66.33	39.26	0.72
Teggina Valle	Teggina Valle	92.119*	Max WS	UF_Tr200_D1_APP	187.90	334.99	337.79		338.34	0.004132	3.52	1.46	1.82	62.92	39.26	0.77
Teggina Valle	Teggina Valle	92.094*	Max WS	UF_Tr200_D6_APP	147.16	334.87	337.49		337.93	0.004117	3.07	1.48	1.37	53.67	37.67	0.74
Teggina Valle	Teggina Valle	92.094*	Max WS	UF_Tr200_D3_APP	191.23	334.87	337.84		338.32	0.003549	3.22	1.71	1.56	66.96	37.67	0.71
Teggina Valle	Teggina Valle	92.094*	Max WS	UF_Tr200_D1_APP	181.55	334.87	337.73		338.22	0.003888	3.25	1.69	1.54	62.82	37.67	0.73
Teggina Valle	Teggina Valle	92.069*	Max WS	UF_Tr200_D6_APP	144.86	334.76	337.45		337.81	0.002760	2.84	0.95	1.50	60.50	40.49	0.62
Teggina Valle	Teggina Valle	92.069*	Max WS	UF_Tr200_D3_APP	194.63	334.76	337.81		338.22	0.002680	3.10	1.27	1.75	75.05	40.49	0.63
Teggina Valle	Teggina Valle	92.069*	Max WS	UF_Tr200_D1_APP	177.03	334.76	337.70		338.09	0.002617	2.98	1.17	1.65	70.90	40.49	0.62
Teggina Valle	Teggina Valle	92.044	Max WS	UF_Tr200_D6_APP	153.50	334.64	337.38		337.72	0.002698	2.74	1.11	1.61	65.21	41.11	0.61
Teggina Valle	Teggina Valle	92.044	Max WS	UF_Tr200_D3_APP	193.06	334.64	337.81		338.13	0.002090	2.73	1.29	1.68	82.67	41.11	0.55
Teggina Valle	Teggina Valle	92.044	Max WS	UF_Tr200_D1_APP	176.32	334.64	337.70		338.01	0.002056	2.63	1.21	1.60	78.29	41.11	0.55
Teggina Valle	Teggina Valle	92.019	Max WS	UF_Tr200_D6_APP	140.42	333.84	337.24	336.32	337.62	0.002422	2.73			51.48	21.78	0.57
Teggina Valle	Teggina Valle	92.019	Max WS	UF_Tr200_D3_APP	192.56	333.84	337.68	336.84	338.18	0.002896	3.12	0.14		61.78	29.58	0.63
Teggina Valle	Teggina Valle	92.019	Max WS	UF_Tr200_D1_APP	185.07	333.84	337.58	336.78	338.08	0.002931	3.13			59.10	23.43	0.63
Teggina Valle	Teggina Valle	92.015			Bridge											
Teggina Valle	Teggina Valle	92	Max WS	UF_Tr200_D6_APP	159.08	333.84	336.55	336.49	337.48	0.007270	4.28			37.13	18.39	0.96
Teggina Valle	Teggina Valle	92	Max WS	UF_Tr200_D3_APP	191.40	333.84	336.79	336.78	337.87	0.007601	4.59			41.74	19.23	0.99
Teggina Valle	Teggina Valle	92	Max WS	UF_Tr200_D1_APP	185.07	333.84	336.74	336.73	337.79	0.007594	4.55			40.71	18.99	0.99
Teggina Valle	Teggina Valle	91.938*	Max WS	UF_Tr200_D6_APP	159.34	333.67	336.40	336.57	337.39	0.007660	4.43	0.80		37.81	29.74	0.99
Teggina Valle	Teggina Valle	91.938*	Max WS	UF_Tr200_D3_APP	191.86	333.67	336.65	336.82	337.70	0.007369	4.62	1.37		45.15	30.06	0.99
Teggina Valle	Teggina Valle	91.938*	Max WS	UF_Tr200_D1_APP	185.73	333.67	336.59	336.78	337.65	0.007570	4.62	1.27		43.46	29.99	1.00
Teggina Valle	Teggina Valle	91.875*	Max WS	UF_Tr200_D6_APP	156.48	333.50	336.27		336.93	0.005949	3.70	1.71		45.11	29.00	0.88
Teggina Valle	Teggina Valle	91.875*	Max WS	UF_Tr200_D3_APP	186.99	333.50	336.52		337.22	0.005428	3.81	1.94		52.52	29.37	0.85
Teggina Valle	Teggina Valle	91.875*	Max WS	UF_Tr200_D1_APP	181.30	333.50	336.46		337.17	0.005653	3.83	1.91		50.73	29.28	0.87
Teggina Valle	Teggina Valle	91.813*	Max WS	UF_Tr200_D6_APP	149.11	333.33	336.15		336.79	0.005433	3.61	1.65		44.45	28.48	0.84
Teggina Valle	Teggina Valle	91.813*	Max WS	UF_Tr200_D3_APP	184.41	333.33	336.42		337.12	0.005258	3.84	1.94	0.27	51.96	29.28	0.85
Teggina Valle	Teggina Valle	91.813*	Max WS	UF_Tr200_D1_APP	176.04	333.33	336.35		337.04	0.005365	3.80	1.89	0.13	50.08	28.96	0.85
Teggina Valle	Teggina Valle	91.750*	Max WS	UF_Tr200_D6_APP	147.11	333.15	336.03	336.09	336.79	0.007561	4.00	1.74	0.05	40.23	30.00	0.98
Teggina Valle	Teggina Valle	91.750*	Max WS	UF_Tr200_D3_APP	182.07	333.15	336.30	336.33	337.11	0.006668	4.14	2.05	0.48	48.67	33.58	0.94
Teggina Valle	Teggina Valle	91.750*	Max WS	UF_Tr200_D1_APP	175.84	333.15	336.23	336.27	337.05	0.007103	4.17	2.01	0.53	46.44	31.63	0.97
Teggina Valle	Teggina Valle	91.688	Max WS	UF_Tr200_D6_APP	147.02	332.98	335.88	335.99	336.75	0.006929	4.25	1.62	0.94	38.81	28.59	0.96
Teggina Valle	Teggina Valle	91.688	Max WS	UF_Tr200_D3_APP	180.55	332.98	336.17	336.25	337.06	0.006150	4.38	1.95	0.99	47.52	31.55	0.93
Teggina Valle	Teggina Valle	91.688	Max WS	UF_Tr200_D1_APP	177.21	332.98	336.09	336.23	337.04	0.006833	4.51	1.94	0.99	44.92	30.58	0.97
Teggina Valle	Teggina Valle	91.625	Max WS	UF_Tr200_D6_APP	148.05	332.97	335.75	335.79	336.58	0.006516	4.18	1.79	0.87	39.39	26.41	0.94
Teggina Valle	Teggina Valle	91.625	Max WS	UF_Tr200_D3_APP	186.11	332.97	336.05	336.11	336.97	0.006109	4.43	2.13	0.96	47.53	28.67	0.93
Teggina Valle	Teggina Valle	91.625	Max WS	UF_Tr200_D1_APP	180.42	332.97	335.96	336.02	336.92	0.006702	4.52	2.11	0.98	44.92	27.68	0.97
Teggina Valle	Teggina Valle	91.563*	Max WS	UF_Tr200_D6_APP	149.55	332.85	335.62	335.70	336.48	0.007090	4.25	1.82	0.79	39.11	27.13	0.97
Teggina Valle	Teggina Valle	91.563*	Max WS	UF_Tr200_D3_APP	198.88	332.85	335.92	336.08	336.96	0.007274	4.74	2.29	0.85	47.85	31.93	1.01
Teggina Valle	Teggina Valle	91.563*	Max WS	UF_Tr200_D1_APP	184.14	332.85	335.82	335.98	336.83	0.007413	4.64	2.17	0.88	44.74	29.22	1.01
Teggina Valle	Teggina Valle	91.500*	Max WS	UF_Tr200_D6_APP	150.97	332.73	335.48	335.53	336.23	0.006472	3.98	1.97	0.75	42.53	33.18	0.93
Teggina Valle	Teggina Valle	91.500*	Max WS	UF_Tr200_D3_APP	212.58	332.73	335.77	335.91	336.78	0.007362	4.67	2.49	1.44	52.17	33.18	1.01
Teggina Valle	Teggina Valle	91.500*	Max WS	UF_Tr200_D1_APP	186.34	332.73	335.68	335.76	336.55	0.006732	4.34	2.26	1.20	49.00	33.18	0.96
Teggina Valle	Teggina Valle	91.438*	Max WS	UF_Tr200_D6_APP	154.30	332.61	335.34	335.53	336.26	0.008019	4.41	1.64	1.30	40.45	34.31	1.03
Teggina Valle	Teggina Valle	91.438*	Max WS	UF_Tr200_D3_APP	216.16	332.61	335.61	335.88	336.81	0.009059	5.13	2.25	1.90	49.76	34.31	1.12

HEC-RAS Profile: Max WS (Continued)

River	Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
					(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Teggina Valle	Teggina Valle	91.438*	Max WS	UF_Tr200_D1_APP	188.79	332.61	335.53	335.74	336.56	0.008057	4.72	1.99	1.66	47.04	34.31	1.05
Teggina Valle	Teggina Valle	91.375*	Max WS	UF_Tr200_D6_APP	149.48	332.50	335.18	335.38	336.13	0.008772	4.52	1.91	0.33	37.52	29.29	1.06
Teggina Valle	Teggina Valle	91.375*	Max WS	UF_Tr200_D3_APP	193.19	332.50	335.44	335.69	336.54	0.008648	4.90	2.36	0.83	45.70	33.14	1.08
Teggina Valle	Teggina Valle	91.375*	Max WS	UF_Tr200_D1_APP	181.08	332.50	335.37	335.63	336.43	0.008696	4.81	2.25	0.71	43.42	32.09	1.08
Teggina Valle	Teggina Valle	91.313	Max WS	UF_Tr200_D6_APP	150.26	332.38	334.99	335.24	336.06	0.010473	4.79	1.95		35.68	28.72	1.15
Teggina Valle	Teggina Valle	91.313	Max WS	UF_Tr200_D3_APP	196.66	332.38	335.25	335.59	336.49	0.010381	5.21	2.46	0.64	43.49	30.50	1.17
Teggina Valle	Teggina Valle	91.313	Max WS	UF_Tr200_D1_APP	182.27	332.38	335.18	335.50	336.36	0.010250	5.06	2.32	0.48	41.38	29.94	1.16
Teggina Valle	Teggina Valle	91.250*	Max WS	UF_Tr200_D6_APP	155.64	332.15	334.78	335.02	335.76	0.010029	4.45	1.49	0.54	37.87	33.18	1.13
Teggina Valle	Teggina Valle	91.250*	Max WS	UF_Tr200_D3_APP	204.32	332.15	335.06	335.30	336.15	0.009401	4.79	2.01	1.29	47.90	35.74	1.12
Teggina Valle	Teggina Valle	91.250*	Max WS	UF_Tr200_D1_APP	189.75	332.15	334.99	335.22	336.03	0.009374	4.66	1.88	1.14	45.44	35.74	1.11
Teggina Valle	Teggina Valle	91.188*	Max WS	UF_Tr200_D6_APP	161.54	331.92	334.60	334.74	335.47	0.008519	4.20	1.49		41.25	32.09	1.05
Teggina Valle	Teggina Valle	91.188*	Max WS	UF_Tr200_D3_APP	212.77	331.92	334.88	335.04	335.90	0.008350	4.59	2.00	0.62	50.58	34.78	1.06
Teggina Valle	Teggina Valle	91.188*	Max WS	UF_Tr200_D1_APP	198.42	331.92	334.81	334.97	335.78	0.008317	4.47	1.88	0.45	48.22	34.24	1.05
Teggina Valle	Teggina Valle	91.125*	Max WS	UF_Tr200_D6_APP	168.77	331.69	334.43	334.54	335.29	0.008725	4.10			41.19	26.62	1.05
Teggina Valle	Teggina Valle	91.125*	Max WS	UF_Tr200_D3_APP	224.77	331.69	334.71	334.90	335.72	0.008662	4.49	1.37	1.01	53.15	39.93	1.07
Teggina Valle	Teggina Valle	91.125*	Max WS	UF_Tr200_D1_APP	209.42	331.69	334.65	334.82	335.62	0.008751	4.39	1.23	0.46	49.38	35.52	1.07
Teggina Valle	Teggina Valle	91.063*	Max WS	UF_Tr200_D6_APP	178.55	331.47	334.28	334.27	334.98	0.006861	3.77	1.53	0.20	50.05	36.62	0.94
Teggina Valle	Teggina Valle	91.063*	Max WS	UF_Tr200_D3_APP	239.92	331.47	334.56	334.61	335.43	0.006986	4.23	1.97	0.79	61.11	40.66	0.98
Teggina Valle	Teggina Valle	91.063*	Max WS	UF_Tr200_D1_APP	223.32	331.47	334.49	334.53	335.31	0.006907	4.11	1.86	0.60	58.34	40.66	0.97
Teggina Valle	Teggina Valle	91	Max WS	UF_Tr200_D6_APP	184.33	331.24	334.14		334.82	0.006694	3.63			50.84	32.49	0.93
Teggina Valle	Teggina Valle	91	Max WS	UF_Tr200_D3_APP	248.63	331.24	334.42	334.44	335.26	0.007310	4.09		1.41	62.34	38.81	0.99
Teggina Valle	Teggina Valle	91	Max WS	UF_Tr200_D1_APP	231.55	331.24	334.35	334.36	335.15	0.007107	3.96		1.28	59.82	38.41	0.97
Teggina Valle	Teggina Valle	90.978*	Max WS	UF_Tr200_D6_APP	184.58	331.10	334.02	333.95	334.70	0.006498	3.67	0.21	0.80	51.11	36.20	0.92
Teggina Valle	Teggina Valle	90.978*	Max WS	UF_Tr200_D3_APP	248.99	331.10	334.28	334.33	335.16	0.006987	4.20	1.02	1.34	61.92	40.44	0.98
Teggina Valle	Teggina Valle	90.978*	Max WS	UF_Tr200_D1_APP	231.87	331.10	334.22	334.25	335.05	0.006814	4.06	0.87	1.22	59.43	40.44	0.96
Teggina Valle	Teggina Valle	90.97			Lat Struct											
Teggina Valle	Teggina Valle	90.96			Lat Struct											
Teggina Valle	Teggina Valle	90.957*	Max WS	UF_Tr200_D6_APP	187.41	330.97	333.88	333.82	334.63	0.006964	3.82			49.05	29.75	0.95
Teggina Valle	Teggina Valle	90.957*	Max WS	UF_Tr200_D3_APP	249.51	330.97	334.13	334.22	335.10	0.007903	4.37	0.32	1.23	58.22	36.83	1.03
Teggina Valle	Teggina Valle	90.957*	Max WS	UF_Tr200_D1_APP	233.20	330.97	334.07	334.13	334.98	0.007705	4.23	0.16	1.11	56.13	35.45	1.01
Teggina Valle	Teggina Valle	90.935*	Max WS	UF_Tr200_D6_APP	186.29	330.84	333.75	333.69	334.52	0.006628	3.89		1.07	48.49	29.18	0.94
Teggina Valle	Teggina Valle	90.935*	Max WS	UF_Tr200_D3_APP	243.57	330.84	333.98	334.04	334.99	0.007520	4.48	0.71	1.47	55.60	31.63	1.02
Teggina Valle	Teggina Valle	90.935*	Max WS	UF_Tr200_D1_APP	228.88	330.84	333.93	333.95	334.88	0.007295	4.33	0.55	1.38	53.90	31.63	1.00
Teggina Valle	Teggina Valle	90.913*	Max WS	UF_Tr200_D6_APP	184.45	330.70	333.62	333.56	334.36	0.007109	3.81	0.26		48.51	32.04	0.95
Teggina Valle	Teggina Valle	90.913*	Max WS	UF_Tr200_D3_APP	236.93	330.70	333.83	333.90	334.77	0.007793	4.31	0.85		55.86	35.10	1.01
Teggina Valle	Teggina Valle	90.913*	Max WS	UF_Tr200_D1_APP	223.73	330.70	333.78	333.82	334.67	0.007617	4.19	0.70		54.11	35.10	1.00
Teggina Valle	Teggina Valle	90.891*	Max WS	UF_Tr200_D6_APP	183.04	330.57	333.48	333.51	334.30	0.007073	4.05	0.97	0.88	46.95	33.37	0.97
Teggina Valle	Teggina Valle	90.891*	Max WS	UF_Tr200_D3_APP	230.81	330.57	333.68	333.79	334.70	0.007697	4.53	1.44	1.29	53.66	33.37	1.02
Teggina Valle	Teggina Valle	90.891*	Max WS	UF_Tr200_D1_APP	219.09	330.57	333.63	333.73	334.61	0.007549	4.42	1.34	1.20	52.10	33.37	1.01
Teggina Valle	Teggina Valle	90.870*	Max WS	UF_Tr200_D6_APP	182.84	330.43	333.33	333.44	334.29	0.007950	4.34	0.70	0.32	42.95	29.98	1.02
Teggina Valle	Teggina Valle	90.870*	Max WS	UF_Tr200_D3_APP	226.35	330.43	333.52	333.74	334.70	0.008655	4.84	1.24	0.71	48.69	31.10	1.08
Teggina Valle	Teggina Valle	90.870*	Max WS	UF_Tr200_D1_APP	215.87	330.43	333.47	333.67	334.60	0.008507	4.73	1.12	0.63	47.33	30.84	1.07
Teggina Valle	Teggina Valle	90.848	Max WS	UF_Tr200_D6_APP	182.69	330.30	333.17	333.35	334.21	0.008574	4.57	1.27	0.25	41.79	28.50	1.06
Teggina Valle	Teggina Valle	90.848	Max WS	UF_Tr200_D3_APP	223.16	330.30	333.34	333.61	334.61	0.009312	5.05	1.72	0.65	46.90	30.00	1.12
Teggina Valle	Teggina Valle	90.848	Max WS	UF_Tr200_D1_APP	213.68	330.30	333.30	333.54	334.52	0.009195	4.95	1.62	0.56	45.63	29.59	1.11
Teggina Valle	Teggina Valle	90.826*	Max WS	UF_Tr200_D6_APP	181.22	330.12	333.00	333.20	334.09	0.008529	4.73	1.67	0.53	41.63	28.58	1.06
Teggina Valle	Teggina Valle	90.826*	Max WS	UF_Tr200_D3_APP	217.91	330.12	333.16	333.44	334.46	0.009254	5.18	2.05	0.91	46.18	28.58	1.12
Teggina Valle	Teggina Valle	90.826*	Max WS	UF_Tr200_D1_APP	209.49	330.12	333.12	333.39	334.38	0.009164	5.09	1.97	0.83	45.06	28.58	1.11
Teggina Valle	Teggina Valle	90.804*	Max WS	UF_Tr200_D6_APP	174.81	329.95	332.84	333.03	333.89	0.007583	4.68	1.55	1.57	42.35	29.84	1.02
Teggina Valle	Teggina Valle	90.804*	Max WS	UF_Tr200_D3_APP	205.81	329.95	332.99	333.23	334.19	0.008105	5.05	1.87	1.84	46.72	29.84	1.06
Teggina Valle	Teggina Valle	90.804*	Max WS	UF_Tr200_D1_APP	198.85	329.95	332.95	333.19	334.13	0.008083	4.99	1.80	1.78	45.58	29.84	1.06
Teggina Valle	Teggina Valle	90.783*	Max WS	UF_Tr200_D6_APP	165.20	329.77	332.69	332.82	333.63	0.008054	4.38	1.02	1.82	40.74	29.82	1.03
Teggina Valle	Teggina Valle	90.783*	Max WS	UF_Tr200_D3_APP	190.35	329.77	332.83	332.99	333.87	0.008168	4.63	1.36	2.01	44.92	29.82	1.05
Teggina Valle	Teggina Valle	90.783*	Max WS	UF_Tr200_D1_APP	184.67	329.77	332.79	332.95	333.82	0.008275	4.60	1.28	1.98	43.75	29.82	1.05
Teggina Valle	Teggina Valle	90.761*	Max WS	UF_Tr200_D6_APP	157.55	329.59	332.53	332.64	333.45	0.007808	4.33	0.82	1.80	39.31	28.57	1.01
Teggina Valle	Teggina Valle	90.761*	Max WS	UF_Tr200_D3_APP	176.09	329.59	332.67	332.79	333.63	0.007434	4.43	1.08	1.95	43.47	29.45	1.00
Teggina Valle	Teggina Valle	90.761*	Max WS	UF_Tr200_D1_APP	172.52	329.59	332.63	332.77	333.60	0.007732	4.46	1.02	1.93	42.20	29.19	1.01
Teggina Valle	Teggina Valle	90.739*	Max WS	UF_Tr200_D6_APP	154.22	329.42	332.36	332.50	333.25	0.009503	4.19	0.81		37.55	29.51	1.08
Teggina Valle	Teggina Valle	90.739*	Max WS	UF_Tr200_D3_APP	168.51	329.42	332.52	332.58	333.37	0.008078	4.11	1.16		42.35	29.76	1.01
Teggina Valle	Teggina Valle	90.739*	Max WS	UF_Tr200_D1_APP	165.40	329.42	332.47	332.58	333.35	0.008653	4.17	1.07		40.81	29.76	1.04
Teggina Valle	Teggina Valle	90.717	Max WS	UF_Tr200_D6_APP	153.64	329.24	332.18	332.39	333.21	0.009220	4.51	0.84	0.32	35.02	28.20	1.08
Teggina Valle	Teggina Valle	90.717	Max WS	UF_Tr200_D3_APP	168.38	329.24	332.37	332.51	333.34	0.007687	4.40	1.23	0.85	40.57	29.84	1.00
Teggina Valle	Teggina Valle	90.717	Max WS	UF_Tr200_D1_APP	163.83	329.24	332.31	332.47	333.30	0.008181	4.45	1.12	0.69	38.73	29.84	1.03
Teggina Valle	Teggina Valle	90.695*	Max WS	UF_Tr200_D6_APP	153.51	329.17	332.01	332.11	332.96	0.008352	4.32	0.59		36.03	25.04	1.03
Teggina Valle	Teggina Valle	90.695*	Max WS	UF_Tr200_D3_APP	168.98	329.17	332.22	332.28	333.11	0.006988	4.20	1.09		41.47	25.49	0.96
Teggina Valle	Teggina Valle	90.695*	Max WS	UF_Tr200_D1_APP	163.81	329.17	332.15	332.25	333.06	0.007384	4.24	0.96		39.69	25.35	0.98
Teggina Valle	Teggina Valle	90.674*	Max WS	UF_Tr200_D6_APP	154.59	329.10	331.85	331.84	332.79	0.007532	4.29			36.05	18.77	0.99
Teggina Valle	Teggina Valle	90.674*	Max WS	UF_Tr200_D3_APP	174.60	329.10	332.09	332.02	333.03	0.007030	4.30			40.56	19.90	0.96
Teggina Valle	Teggina Valle	90.674*	Max WS	UF_Tr200_D1_APP	167.89	329.10	332.01	331.96	332.95	0.007110	4.30			39.09	19.40	0.97
Teggina Valle	Teggina Valle	90.652*	Max WS	UF_Tr200_D6_APP	157.78	329.03	331.71	331.65	332.53	0.006884	4.01		0.33	39.39	23.26	0.95
Teggina Valle	Teggina Valle	90.652*	Max WS	UF_Tr200_D3_APP	184.52	329.03	331.96	331.90	332.81	0.006217	4.11		0.85	45.94	27.23	0.91
Teggina Valle	Teggina Valle	90.652*	Max WS	UF_Tr200_D1_APP	175.54	329.03	331.88	331.83	332.72	0.006395	4.08		0.67	43.82	27.17	0.92
Teggina Valle	Teggina Valle	90.630*	Max WS	UF_Tr200_D6_APP	163.96	328.96	331.58	331.51	332.37	0.006744	3.96		0.42	41.80	28.15	0.94
Teggina Valle	Teggina Valle	90.630*	Max WS	UF_Tr200_D3_APP	198.51	328.96	331.83	331.81	332.70	0.006367	4.16		1.05	49.18	28.97	0.93
Teggina Valle	Teggina Valle	90.630*	Max WS	UF_Tr200_D1_APP	187.03	328.96	331.75	331.73	332.60	0.006456	4.09		0.88	46.86	28.88	0.93
Teggina Valle	Teggina Valle	90.609*	Max WS	UF_Tr200_D6_APP	171.03	328.89	331.43	331.41	332.13	0.007848	3.70	0.26		46.27	32.99	0.99
Teggina Valle	Teggina Valle	90.609*	Max WS	UF_Tr200_D3_APP	213.83	328.89	331.70	331.66	332.47	0.006979	3.89	0.75		55.44	35.40	0.95
Teggina Valle	Teggina Valle	90.609*	Max WS	UF_Tr200_D1_APP	199.77	328.89	331.62	331.58	332.36	0.007180	3.82	0.62		52.54	34.73	0.96
Teggina Valle	Teggina Valle	90.587	Max WS	UF_Tr200_D6_APP	175.58	328.82	331.29	331.23	332.03	0.006787	3.80	0.23	0.49	46.44	32.05	0.94
Teggina Valle	Teggina Valle	90.587	Max WS	UF_Tr200_D3_APP	223.80	328.82	331.57	331.54	332.43	0.006478	4.12	0.96	0.92	55.87	34.92	0.94
Teggina Valle	Teggina Valle	90.587	Max WS	UF_Tr200_D1_APP	208.42	328.82	331.48	331.45	332.30	0.006566	4.02	0.79	0.81	52.91	34.21	0.94
Teggina Valle	Teggina Valle	90.565*	Max WS	UF_Tr200_D6_APP	177.65	328.64	331.16	331.14	331.97	0.006608	4.00	1.08	0.84	45.82	30.18	0.94
Teggina Valle	Teggina Valle	90.565*	Max WS	UF_Tr200_D3_APP	225.02	328.64	331.44	331.45	332.38	0.006390	4.33	1.53	1.16	54.58	31.44	0.95
Teggina Valle	Teggina Valle	90.565*	Max WS	UF_Tr200_D1_APP	210.11	328.64	331.36	331.35	332.25	0.006461	4.23	1.41	1.07	51.86	31.05	0.95
Teggina Valle	Teggina Valle	90.544*	Max WS	UF_Tr200_D6_APP	174.99	328.45	331.03	331.01	331.77	0.006635	3.89	0.46	1.80	47.42	31.77	0.94
Teggina Valle	Teggina Valle	90.544*	Max WS	UF_Tr200_D3_APP	207.05	328.45	331.33		332.06	0.005364	3.89	0.98	1.93	56.86	31.77	0.86
Teggina Valle	Teggina Valle	90.544*	Max WS	UF_Tr200_D1_APP	207.18	328.45	331.23	331.20	332.05	0.006354	4.10	0.91	2.00	53.81	31.77	0.93
Teggina Valle	Teggina Valle	90.522*	Max WS	UF_Tr200_D6_APP	167.90	328.26	330.91		331.55	0.004973	3.72	1.00	2.02	50.78	31.77	0.83
Teggina Valle	Teggina Valle	90.522*	Max WS	UF_Tr200_D3_APP	202.88	328.26	331.23		331.88	0.004257	3.79	1.32	2.15	60.83	31.77	0.79
Teggina Valle	Teggina Valle	90.522*	Max WS	UF_Tr200_D1_APP	202.53	328.26	331.12		331.85	0.005094	4.01	1.31	2.25	57.21	31.77	0.85
Teggina Valle	Teggina Valle	90.500*	Max WS	UF_Tr200_D6_APP	163.10	328.08	330.81		331.50	0.005495	3.73	0.55	1.76	45.61	27.80	0.86
Teggina Valle	Teggina Valle	90.500*	Max WS	UF_Tr200_D3_APP	216.04	328.08	331.13		332.00	0.005611	4.18	1.17	2.01	54.57	27.80	0.89
Teggina Valle	Teggina Valle	90.500*	Max WS	UF_Tr200_D1_APP	196.36	328.08	331.01		331.82	0.005640	4.04	0.98	1.93	51.16	27.80	0.89
Teggina Valle	Teggina Valle	90.479*	Max WS	UF_Tr200_D6_APP	164.67	327.89	330.69	330.66	331.48	0.006401	3.97	0.77	1.60	43.50	27.81	0.93

HEC-RAS Profile: Max WS (Continued)

River	Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
					(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Teggina Valle	Teggina Valle	90.479*	Max WS	UF_Tr200_D3_APP	228.43	327.89	331.01	331.08	332.07	0.007126	4.65	1.34	2.08	52.37	28.50	1.00
Teggina Valle	Teggina Valle	90.479*	Max WS	UF_Tr200_D1_APP	197.11	327.89	330.89	330.89	331.79	0.006436	4.26	1.06	1.85	49.07	28.50	0.94
Teggina Valle	Teggina Valle	90.457	Max WS	UF_Tr200_D6_APP	170.37	327.70	330.56	330.64	331.50	0.007343	4.37	0.75	1.79	41.56	27.10	0.99
Teggina Valle	Teggina Valle	90.457	Max WS	UF_Tr200_D3_APP	231.70	327.70	330.86	331.04	332.10	0.008121	5.05	1.45	2.31	49.70	27.10	1.07
Teggina Valle	Teggina Valle	90.457	Max WS	UF_Tr200_D1_APP	203.29	327.70	330.76	330.86	331.82	0.007402	4.68	1.20	2.08	46.90	27.10	1.01
Teggina Valle	Teggina Valle	90.435*	Max WS	UF_Tr200_D6_APP	179.43	327.59	330.42	330.49	331.37	0.006585	4.50	1.90	1.91	45.43	27.18	0.96
Teggina Valle	Teggina Valle	90.435*	Max WS	UF_Tr200_D3_APP	236.78	327.59	330.71	330.85	331.91	0.007257	5.12	2.35	2.36	53.20	27.18	1.03
Teggina Valle	Teggina Valle	90.435*	Max WS	UF_Tr200_D1_APP	213.52	327.59	330.62	330.71	331.69	0.006786	4.83	2.17	2.18	50.72	27.18	0.99
Teggina Valle	Teggina Valle	90.413*	Max WS	UF_Tr200_D6_APP	183.70	327.47	330.28	330.45	331.35	0.008023	4.65	1.51	1.31	42.08	27.35	1.04
Teggina Valle	Teggina Valle	90.413*	Max WS	UF_Tr200_D3_APP	232.59	327.47	330.56	330.75	331.81	0.008029	5.07	1.97	1.79	49.69	27.35	1.07
Teggina Valle	Teggina Valle	90.413*	Max WS	UF_Tr200_D1_APP	217.36	327.47	330.47	330.66	331.68	0.008063	4.96	1.84	1.66	47.33	27.35	1.06
Teggina Valle	Teggina Valle	90.391*	Max WS	UF_Tr200_D6_APP	183.83	327.35	330.12	330.18	331.04	0.007815	4.27	1.41	1.27	44.27	27.53	1.02
Teggina Valle	Teggina Valle	90.391*	Max WS	UF_Tr200_D3_APP	231.55	327.35	330.40	330.47	331.47	0.007507	4.61	1.63	1.67	52.02	27.53	1.02
Teggina Valle	Teggina Valle	90.391*	Max WS	UF_Tr200_D1_APP	216.61	327.35	330.32	330.38	331.34	0.007618	4.51	1.57	1.56	49.61	27.53	1.02
Teggina Valle	Teggina Valle	90.370*	Max WS	UF_Tr200_D6_APP	181.88	327.24	329.98	330.03	330.89	0.006909	4.34	1.92	1.50	45.49	27.70	0.97
Teggina Valle	Teggina Valle	90.370*	Max WS	UF_Tr200_D3_APP	228.56	327.24	330.26	330.32	331.31	0.006754	4.68	2.23	1.84	53.42	27.70	0.98
Teggina Valle	Teggina Valle	90.370*	Max WS	UF_Tr200_D1_APP	213.69	327.24	330.18	330.22	331.18	0.006804	4.58	2.14	1.75	50.95	27.70	0.98
Teggina Valle	Teggina Valle	90.348*	Max WS	UF_Tr200_D6_APP	181.40	327.12	329.84	329.89	330.74	0.006910	4.27	1.67	1.53	45.35	27.88	0.97
Teggina Valle	Teggina Valle	90.348*	Max WS	UF_Tr200_D3_APP	229.30	327.12	330.13	330.18	331.17	0.006767	4.63	2.04	1.82	53.41	27.88	0.98
Teggina Valle	Teggina Valle	90.348*	Max WS	UF_Tr200_D1_APP	213.83	327.12	330.04	330.08	331.04	0.006800	4.52	1.94	1.73	50.91	27.88	0.98
Teggina Valle	Teggina Valle	90.326	Max WS	UF_Tr200_D6_APP	184.22	327.01	329.70	329.79	330.68	0.007245	4.42	1.12	1.77	43.55	26.35	1.00
Teggina Valle	Teggina Valle	90.326	Max WS	UF_Tr200_D3_APP	232.84	327.01	329.99	330.11	331.14	0.007163	4.81	1.32	2.08	51.71	28.15	1.01
Teggina Valle	Teggina Valle	90.326	Max WS	UF_Tr200_D1_APP	217.12	327.01	329.90	330.01	330.99	0.007190	4.69	1.15	1.99	49.17	28.15	1.01
Teggina Valle	Teggina Valle	90.304*	Max WS	UF_Tr200_D6_APP	184.48	326.80	329.54	329.65	330.63	0.008949	4.62			39.96	21.53	1.08
Teggina Valle	Teggina Valle	90.304*	Max WS	UF_Tr200_D3_APP	233.63	326.80	329.84	330.01	331.13	0.008839	5.04	0.77	0.54	46.76	24.59	1.10
Teggina Valle	Teggina Valle	90.304*	Max WS	UF_Tr200_D1_APP	217.93	326.80	329.75	329.91	330.98	0.008921	4.92	0.51	0.42	44.52	24.06	1.10
Teggina Valle	Teggina Valle	90.283*	Max WS	UF_Tr200_D6_APP	184.72	326.60	329.37	329.45	330.45	0.008619	4.60			40.18	21.04	1.06
Teggina Valle	Teggina Valle	90.283*	Max WS	UF_Tr200_D3_APP	232.09	326.60	329.66	329.83	330.93	0.008751	4.99	0.70		46.80	24.37	1.09
Teggina Valle	Teggina Valle	90.283*	Max WS	UF_Tr200_D1_APP	218.18	326.60	329.57	329.73	330.80	0.008901	4.91	0.47		44.56	23.47	1.09
Teggina Valle	Teggina Valle	90.261*	Max WS	UF_Tr200_D6_APP	185.18	326.39	329.21	329.27	330.21	0.007911	4.43	0.45	0.51	42.10	25.71	1.03
Teggina Valle	Teggina Valle	90.261*	Max WS	UF_Tr200_D3_APP	231.18	326.39	329.50	329.58	330.65	0.007542	4.76	1.19	0.80	49.68	25.95	1.03
Teggina Valle	Teggina Valle	90.261*	Max WS	UF_Tr200_D1_APP	218.81	326.39	329.41	329.50	330.54	0.007910	4.72	1.01	0.73	47.14	25.87	1.04
Teggina Valle	Teggina Valle	90.239*	Max WS	UF_Tr200_D6_APP	184.15	326.18	329.05	329.12	330.02	0.008892	4.38		0.34	42.05	24.69	1.07
Teggina Valle	Teggina Valle	90.239*	Max WS	UF_Tr200_D3_APP	224.16	326.18	329.35	329.37	330.39	0.007710	4.52		0.60	49.67	24.85	1.02
Teggina Valle	Teggina Valle	90.239*	Max WS	UF_Tr200_D1_APP	215.04	326.18	329.24	329.31	330.32	0.008495	4.58		0.53	46.96	24.80	1.06
Teggina Valle	Teggina Valle	90.218*	Max WS	UF_Tr200_D6_APP	182.35	325.98	328.91		329.61	0.005151	3.72		0.29	49.01	23.89	0.83
Teggina Valle	Teggina Valle	90.218*	Max WS	UF_Tr200_D3_APP	232.28	325.98	329.23		330.09	0.005277	4.11		0.67	56.66	24.36	0.85
Teggina Valle	Teggina Valle	90.218*	Max WS	UF_Tr200_D1_APP	212.22	325.98	329.11		329.90	0.005173	3.95		0.54	53.85	24.19	0.84
Teggina Valle	Teggina Valle	90.196	Max WS	UF_Tr200_D6_APP	183.15	325.77	328.78	328.82	329.84	0.007655	4.55	0.33	0.59	40.52	22.01	1.01
Teggina Valle	Teggina Valle	90.196	Max WS	UF_Tr200_D3_APP	236.80	325.77	329.10	329.26	330.40	0.007922	5.08	0.84	1.27	47.69	23.85	1.05
Teggina Valle	Teggina Valle	90.196	Max WS	UF_Tr200_D1_APP	213.33	325.77	328.98	329.06	330.16	0.007576	4.81	0.68	1.05	45.07	23.10	1.02
Teggina Valle	Teggina Valle	90.174*	Max WS	UF_Tr200_D6_APP	183.27	325.62	328.63	328.70	329.68	0.007605	4.54	0.49	0.25	40.60	22.54	1.01
Teggina Valle	Teggina Valle	90.174*	Max WS	UF_Tr200_D3_APP	231.11	325.62	328.95	329.07	330.17	0.007421	4.92	1.23	1.03	48.58	25.52	1.02
Teggina Valle	Teggina Valle	90.174*	Max WS	UF_Tr200_D1_APP	211.11	325.62	328.84	328.93	329.97	0.007275	4.73	1.00	0.79	45.85	25.52	1.00
Teggina Valle	Teggina Valle	90.152*	Max WS	UF_Tr200_D6_APP	183.53	325.46	328.48	328.53	329.53	0.007868	4.53	0.25	0.32	40.61	22.91	1.02
Teggina Valle	Teggina Valle	90.152*	Max WS	UF_Tr200_D3_APP	229.32	325.46	328.80	328.92	329.99	0.007403	4.85	0.70	1.13	48.59	26.64	1.02
Teggina Valle	Teggina Valle	90.152*	Max WS	UF_Tr200_D1_APP	211.05	325.46	328.69	328.79	329.81	0.007367	4.69	0.65	0.89	45.81	25.43	1.00
Teggina Valle	Teggina Valle	90.131*	Max WS	UF_Tr200_D6_APP	184.20	325.30	328.32	328.40	329.38	0.008116	4.55	0.19	0.24	40.55	22.89	1.04
Teggina Valle	Teggina Valle	90.131*	Max WS	UF_Tr200_D3_APP	229.93	325.30	328.66	328.76	329.83	0.007412	4.82	0.91	1.08	49.04	26.73	1.02
Teggina Valle	Teggina Valle	90.131*	Max WS	UF_Tr200_D1_APP	214.31	325.30	328.55	328.66	329.69	0.007613	4.73	0.66	0.89	46.17	26.38	1.02
Teggina Valle	Teggina Valle	90.109*	Max WS	UF_Tr200_D6_APP	185.95	325.14	328.16	328.26	329.24	0.008580	4.61	0.07	0.11	40.34	21.96	1.06
Teggina Valle	Teggina Valle	90.109*	Max WS	UF_Tr200_D3_APP	237.98	325.14	328.50	328.66	329.75	0.007994	4.97	0.91	1.07	49.38	27.77	1.05
Teggina Valle	Teggina Valle	90.109*	Max WS	UF_Tr200_D1_APP	220.27	325.14	328.39	328.56	329.59	0.008172	4.85	0.64	0.79	46.29	27.77	1.06
Teggina Valle	Teggina Valle	90.087*	Max WS	UF_Tr200_D6_APP	188.63	324.99	327.98	328.13	329.12	0.009286	4.73			39.91	21.22	1.10
Teggina Valle	Teggina Valle	90.087*	Max WS	UF_Tr200_D3_APP	248.52	324.99	328.34	328.61	329.72	0.009058	5.21	0.63	0.99	48.83	28.61	1.12
Teggina Valle	Teggina Valle	90.087*	Max WS	UF_Tr200_D1_APP	227.88	324.99	328.22	328.47	329.52	0.009132	5.05	0.58	0.77	45.71	26.39	1.11
Teggina Valle	Teggina Valle	90.065	Max WS	UF_Tr200_D6_APP	192.09	324.83	327.79	328.02	329.02	0.010087	4.91			39.13	20.89	1.15
Teggina Valle	Teggina Valle	90.065	Max WS	UF_Tr200_D3_APP	260.69	324.83	328.14	328.53	329.71	0.010803	5.56	0.69	1.01	47.70	27.25	1.21
Teggina Valle	Teggina Valle	90.065	Max WS	UF_Tr200_D1_APP	236.84	324.83	328.03	328.36	329.49	0.010762	5.35	0.49	0.69	44.65	26.01	1.20
Teggina Valle	Teggina Valle	90.043	Max WS	UF_Tr200_D6_APP	191.95	324.83	327.63	327.58	328.57	0.006836	4.30		0.72	44.99	23.83	0.96
Teggina Valle	Teggina Valle	90.043	Max WS	UF_Tr200_D3_APP	259.02	324.83	327.96	328.06	329.21	0.007606	4.96		1.24	53.27	25.64	1.02
Teggina Valle	Teggina Valle	90.043	Max WS	UF_Tr200_D1_APP	235.68	324.83	327.85	327.90	328.99	0.007373	4.75		1.08	50.43	25.03	1.00
Teggina Valle	Teggina Valle	90.022*	Max WS	UF_Tr200_D6_APP	180.14	324.75	327.51		328.20	0.004753	3.67		0.48	49.30	24.32	0.78
Teggina Valle	Teggina Valle	90.022*	Max WS	UF_Tr200_D3_APP	234.87	324.75	327.84		328.72	0.005195	4.16		0.97	57.49	26.40	0.83
Teggina Valle	Teggina Valle	90.022*	Max WS	UF_Tr200_D1_APP	215.33	324.75	327.73		328.54	0.005035	3.99		0.81	54.68	25.71	0.82
Teggina Valle	Teggina Valle	90	Max WS	UF_Tr200_D6_APP	171.40	324.67	327.43		328.02	0.003728	3.39	0.45	0.34	50.81	24.29	0.70
Teggina Valle	Teggina Valle	90	Max WS	UF_Tr200_D3_APP	221.07	324.67	327.75		328.49	0.004051	3.84	0.63	0.84	58.88	26.51	0.75
Teggina Valle	Teggina Valle	90	Max WS	UF_Tr200_D1_APP	202.80	324.67	327.64		328.33	0.003911	3.68	0.57	0.68	56.12	25.96	0.73
Teggina Valle	Teggina Valle	89.800*	Max WS	UF_Tr200_D6_APP	171.90	324.31	327.40		327.84	0.002670	2.94		0.32	58.61	25.75	0.60
Teggina Valle	Teggina Valle	89.800*	Max WS	UF_Tr200_D3_APP	221.45	324.31	327.68		328.26	0.003061	3.37		0.62	67.76	33.26	0.65
Teggina Valle	Teggina Valle	89.800*	Max WS	UF_Tr200_D1_APP	203.28	324.31	327.58		328.11	0.002940	3.22		0.45	64.34	33.26	0.64
Teggina Valle	Teggina Valle	89.600*	Max WS	UF_Tr200_D6_APP	172.37	323.95	327.40		327.74	0.001906	2.60	0.53	0.33	66.74	28.90	0.52
Teggina Valle	Teggina Valle	89.600*	Max WS	UF_Tr200_D3_APP	220.70	323.95	327.67		328.13	0.002204	3.00	0.79	0.56	74.83	30.08	0.57
Teggina Valle	Teggina Valle	89.600*	Max WS	UF_Tr200_D1_APP	202.90	323.95	327.57		327.99	0.002108	2.86	0.70	0.48	71.84	29.65	0.56
Teggina Valle	Teggina Valle	89.400*	Max WS	UF_Tr200_D6_APP	171.95	323.59	327.41		327.70	0.001415	2.38	0.50	0.34	73.09	29.25	0.45
Teggina Valle	Teggina Valle	89.400*	Max WS	UF_Tr200_D3_APP	216.08	323.59	327.70		328.07	0.001605	2.70	0.74	0.44	82.54	34.47	0.49
Teggina Valle	Teggina Valle	89.400*	Max WS	UF_Tr200_D1_APP	200.00	323.59	327.60		327.94	0.001536	2.59	0.67	0.46	78.64	29.96	0.48
Teggina Valle	Teggina Valle	89.200	Max WS	UF_Tr200_D6_APP	169.16	323.23	327.45	325.81	327.68	0.000982	2.11	0.57	0.45	81.96	30.18	0.38
Teggina Valle	Teggina Valle	89.200	Max WS	UF_Tr200_D3_APP	204.16	323.23	327.78	326.08	328.05	0.001016	2.30	0.73	0.63	91.86	30.18	0.39
Teggina Valle	Teggina Valle	89.200	Max WS	UF_Tr200_D1_APP	191.65	323.23	327.67	325.99	327.92	0.001004	2.23	0.68	0.57	88.44	30.18	0.39
Teggina Valle	Teggina Valle	89.1			Inl Struct											
Teggina Valle	Teggina Valle	89	Max WS	UF_Tr200_D6_APP	168.64	323.23	326.26		326.84	0.004258	3.36			50.19	24.06	0.74
Teggina Valle	Teggina Valle	89	Max WS	UF_Tr200_D3_APP	204.09	323.23	326.59		327.21	0.004097	3.50			58.36	25.60	0.74
Teggina Valle	Teggina Valle	89	Max WS	UF_Tr200_D1_APP	191.28	323.23	326.45		327.07	0.004277	3.49			54.85	24.95	0.75
Teggina Valle	Teggina Valle	88.944*	Max WS	UF_Tr200_D6_APP	168.87	323.11	326.18		326.73	0.004667	3.30			51.22	27.65	0.77
Teggina Valle	Teggina Valle	88.944*	Max WS	UF_Tr200_D3_APP	204.39	323.11	326.52		327.09	0.004347	3.33			61.30	30.95	0.76
Teggina Valle	Teggina Valle	88.944*	Max WS	UF_Tr200_D1_APP	191.26	323.11	326.37		326.95	0.004655	3.37			56.71	29.62	0.78
Teggina Valle	Teggina Valle	88.93			Lat Struct											
Teggina Valle	Teggina Valle	88.92			Lat Struct											
Teggina Valle	Teggina Valle	88.889*	Max WS	UF_Tr200_D6_APP	169.09	322.99	326.09		326.66	0.004575	3.34			50.65	26.45	0.77
Teggina Valle	Teggina Valle	88.889*	Max WS	UF_Tr200_D3_APP	206.81	322.99	326.44		327.04	0.004371	3.43			60.34	29.35	0.76
Teggina Valle	Teggina Valle	88.889*	Max WS	UF_Tr200_D1_APP	191.75	322.99	326.28		326.88	0.004582	3.43			55.85	28.05	0.78
Teggina Valle	Teggina Valle	88.833*	Max WS	UF_Tr200_D6_APP	169.52	322.87	326.02		326.49	0.004341	3.03			55.94	33.15	0.75
Teggina Valle	Teggina Valle	88.833*	Max WS	UF_Tr200_D3_APP	213.36	322.87	326.36		326.87	0.003850	3.16			67.47	33.90	0.72

HEC-RAS Profile: Max WS (Continued)

River	Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
					(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Teggina Valle	Teggina Valle	88.833*	Max WS	UF_Tr200_D1_APP	193.82	322.87	326.21		326.70	0.004062	3.11			62.31	33.57	0.73
Teggina Valle	Teggina Valle	88.778*	Max WS	UF_Tr200_D6_APP	169.98	322.75	325.92		326.47	0.004390	3.29			51.72	27.12	0.76
Teggina Valle	Teggina Valle	88.778*	Max WS	UF_Tr200_D3_APP	218.95	322.75	326.28		326.92	0.004448	3.52	0.51		62.41	31.97	0.78
Teggina Valle	Teggina Valle	88.778*	Max WS	UF_Tr200_D1_APP	196.31	322.75	326.13		326.72	0.004424	3.41	0.08		57.56	29.58	0.77
Teggina Valle	Teggina Valle	88.722*	Max WS	UF_Tr200_D6_APP	170.21	322.62	325.84		326.37	0.004214	3.24			52.50	27.33	0.75
Teggina Valle	Teggina Valle	88.722*	Max WS	UF_Tr200_D3_APP	218.93	322.62	326.20		326.82	0.004117	3.48	0.69		63.58	31.98	0.75
Teggina Valle	Teggina Valle	88.722*	Max WS	UF_Tr200_D1_APP	196.68	322.62	326.05		326.62	0.004172	3.37	0.39		58.68	31.57	0.75
Teggina Valle	Teggina Valle	88.667*	Max WS	UF_Tr200_D6_APP	170.74	322.50	325.76		326.26	0.004327	3.14			54.29	30.44	0.75
Teggina Valle	Teggina Valle	88.667*	Max WS	UF_Tr200_D3_APP	222.19	322.50	326.13		326.69	0.004036	3.34		1.07	68.04	34.44	0.74
Teggina Valle	Teggina Valle	88.667*	Max WS	UF_Tr200_D1_APP	198.46	322.50	325.97		326.51	0.004188	3.26			60.90	31.44	0.75
Teggina Valle	Teggina Valle	88.611*	Max WS	UF_Tr200_D6_APP	171.92	322.38	325.68		326.16	0.004211	3.08			55.78	31.72	0.74
Teggina Valle	Teggina Valle	88.611*	Max WS	UF_Tr200_D3_APP	227.26	322.38	326.04		326.62	0.004178	3.36			67.72	33.41	0.75
Teggina Valle	Teggina Valle	88.611*	Max WS	UF_Tr200_D1_APP	201.54	322.38	325.89		326.42	0.004166	3.22			62.59	32.93	0.75
Teggina Valle	Teggina Valle	88.556*	Max WS	UF_Tr200_D6_APP	173.64	322.26	325.60		326.07	0.003989	3.03			57.27	32.10	0.72
Teggina Valle	Teggina Valle	88.556*	Max WS	UF_Tr200_D3_APP	233.48	322.26	325.96		326.54	0.004232	3.36		0.38	69.63	35.66	0.76
Teggina Valle	Teggina Valle	88.556*	Max WS	UF_Tr200_D1_APP	205.55	322.26	325.81		326.33	0.004287	3.21		0.11	64.09	35.01	0.76
Teggina Valle	Teggina Valle	88.500*	Max WS	UF_Tr200_D6_APP	174.17	322.14	325.53		325.97	0.003920	2.95			59.00	34.01	0.72
Teggina Valle	Teggina Valle	88.500*	Max WS	UF_Tr200_D3_APP	239.34	322.14	325.88		326.45	0.004265	3.33	0.51	0.52	72.34	40.21	0.76
Teggina Valle	Teggina Valle	88.500*	Max WS	UF_Tr200_D1_APP	210.02	322.14	325.72		326.24	0.004363	3.18	0.12	0.27	66.04	38.05	0.76
Teggina Valle	Teggina Valle	88.445*	Max WS	UF_Tr200_D6_APP	175.99	322.02	325.48		325.88	0.003003	2.82		0.59	63.63	37.88	0.64
Teggina Valle	Teggina Valle	88.445*	Max WS	UF_Tr200_D3_APP	242.18	322.02	325.81		326.35	0.003326	3.27	0.53	1.08	76.89	40.78	0.69
Teggina Valle	Teggina Valle	88.445*	Max WS	UF_Tr200_D1_APP	213.17	322.02	325.65		326.14	0.003315	3.12	0.17	0.88	70.42	40.78	0.68
Teggina Valle	Teggina Valle	88.389*	Max WS	UF_Tr200_D6_APP	172.76	321.90	325.44		325.78	0.002470	2.62		0.65	67.68	38.73	0.58
Teggina Valle	Teggina Valle	88.389*	Max WS	UF_Tr200_D3_APP	243.45	321.90	325.76		326.26	0.002932	3.14	0.60	1.09	80.93	41.35	0.65
Teggina Valle	Teggina Valle	88.389*	Max WS	UF_Tr200_D1_APP	215.22	321.90	325.60		326.05	0.002944	3.00	0.33	0.92	74.22	41.35	0.65
Teggina Valle	Teggina Valle	88.334*	Max WS	UF_Tr200_D6_APP	173.32	321.78	325.41		325.73	0.002111	2.49	0.18	0.63	71.62	40.96	0.54
Teggina Valle	Teggina Valle	88.334*	Max WS	UF_Tr200_D3_APP	244.90	321.78	325.72		326.18	0.002622	3.03	0.65	1.04	84.48	41.92	0.62
Teggina Valle	Teggina Valle	88.334*	Max WS	UF_Tr200_D1_APP	217.56	321.78	325.55		325.98	0.002661	2.91	0.41	0.87	77.45	41.92	0.62
Teggina Valle	Teggina Valle	88.278*	Max WS	UF_Tr200_D6_APP	171.56	321.66	325.42		325.67	0.001694	2.24	0.33	0.68	78.52	42.50	0.49
Teggina Valle	Teggina Valle	88.278*	Max WS	UF_Tr200_D3_APP	244.82	321.66	325.71		326.10	0.002208	2.79	0.71	1.02	91.05	42.50	0.57
Teggina Valle	Teggina Valle	88.278*	Max WS	UF_Tr200_D1_APP	218.77	321.66	325.54		325.90	0.002291	2.70	0.54	0.90	83.51	42.50	0.57
Teggina Valle	Teggina Valle	88.223*	Max WS	UF_Tr200_D6_APP	176.69	321.53	325.38		325.63	0.001469	2.24	0.82		81.72	37.55	0.46
Teggina Valle	Teggina Valle	88.223*	Max WS	UF_Tr200_D3_APP	253.09	321.53	325.64		326.05	0.002143	2.88	1.17		91.40	37.55	0.56
Teggina Valle	Teggina Valle	88.223*	Max WS	UF_Tr200_D1_APP	227.60	321.53	325.46		325.85	0.002183	2.78	1.06		84.73	37.55	0.56
Teggina Valle	Teggina Valle	88.167*	Max WS	UF_Tr200_D6_APP	184.61	321.41	325.34		325.59	0.001350	2.22	0.67	0.49	86.90	43.43	0.44
Teggina Valle	Teggina Valle	88.167*	Max WS	UF_Tr200_D3_APP	265.01	321.41	325.57		325.99	0.002033	2.89	1.01	0.83	97.02	43.43	0.55
Teggina Valle	Teggina Valle	88.167*	Max WS	UF_Tr200_D1_APP	14.11	321.41	325.39		325.39	0.000007	0.17	0.05	0.04	89.22	43.43	0.03
Teggina Valle	Teggina Valle	88.112*	Max WS	UF_Tr200_D6_APP	183.86	321.29	325.35		325.55	0.001007	2.04	0.77	0.53	96.17	44.20	0.39
Teggina Valle	Teggina Valle	88.112*	Max WS	UF_Tr200_D3_APP	267.43	321.29	325.57		325.93	0.001618	2.72	1.11	0.84	105.90	44.20	0.50
Teggina Valle	Teggina Valle	88.112*	Max WS	UF_Tr200_D1_APP	7.94	321.29	325.39		325.39	0.000002	0.09	0.03	0.02	98.21	44.20	0.02
Teggina Valle	Teggina Valle	88.056	Max WS	UF_Tr200_D6_APP	170.17	321.17	325.41	323.67	325.56	0.000627	1.73	0.68	0.65	107.96	44.72	0.31
Teggina Valle	Teggina Valle	88.056	Max WS	UF_Tr200_D3_APP	243.65	321.17	325.68	324.14	325.92	0.000952	2.25	0.94	0.93	119.81	44.72	0.39
Teggina Valle	Teggina Valle	88.056	Max WS	UF_Tr200_D1_APP	226.00	321.17	325.46	324.03	325.70	0.001051	2.27	0.89	0.87	109.88	44.72	0.40
Teggina Valle	Teggina Valle	88.054			Inl Struct											
Teggina Valle	Teggina Valle	88	Max WS	UF_Tr200_D6_APP	145.86	321.17	325.25		325.38	0.000572	1.58	0.44	0.46	98.63	44.77	0.30
Teggina Valle	Teggina Valle	88	Max WS	UF_Tr200_D3_APP	243.37	321.17	325.40		325.71	0.001328	2.48	0.77	0.79	105.26	44.77	0.45
Teggina Valle	Teggina Valle	88	Max WS	UF_Tr200_D1_APP	-0.92	321.17	325.40		325.40	0.000000	-0.01	0.00	0.00	105.08	44.77	0.00
Teggina Valle	Teggina Valle	87.857*	Max WS	UF_Tr200_D6_APP	145.98	320.97	325.25		325.37	0.000501	1.54	0.51	0.53	101.06	41.49	0.28
Teggina Valle	Teggina Valle	87.857*	Max WS	UF_Tr200_D3_APP	-14.31	320.97	325.40		325.40	0.000004	-0.14	-0.05	-0.05	107.31	41.49	0.03
Teggina Valle	Teggina Valle	87.857*	Max WS	UF_Tr200_D1_APP	-15.21	320.97	325.40		325.40	0.000005	-0.15	-0.05	-0.06	107.31	41.49	0.03
Teggina Valle	Teggina Valle	87.714*	Max WS	UF_Tr200_D6_APP	144.44	320.78	325.25		325.36	0.000443	1.52	0.54	0.50	101.78	38.06	0.26
Teggina Valle	Teggina Valle	87.714*	Max WS	UF_Tr200_D3_APP	-32.79	320.78	325.41		325.42	0.000019	-0.33	-0.12	-0.11	107.99	38.06	0.06
Teggina Valle	Teggina Valle	87.714*	Max WS	UF_Tr200_D1_APP	-34.54	320.78	325.41		325.42	0.000021	-0.34	-0.13	-0.12	107.97	38.06	0.06
Teggina Valle	Teggina Valle	87.571*	Max WS	UF_Tr200_D6_APP	143.36	320.58	325.25		325.36	0.000395	1.49	0.58	0.49	104.35	37.04	0.25
Teggina Valle	Teggina Valle	87.571*	Max WS	UF_Tr200_D3_APP	-46.50	320.58	325.42		325.44	0.000035	-0.46	-0.19	-0.16	110.91	37.04	0.08
Teggina Valle	Teggina Valle	87.571*	Max WS	UF_Tr200_D1_APP	-46.26	320.58	325.43		325.44	0.000034	-0.45	-0.19	-0.15	110.93	37.04	0.07
Teggina Valle	Teggina Valle	87.429*	Max WS	UF_Tr200_D6_APP	141.91	320.39	325.25		325.35	0.000350	1.45	0.60	0.52	108.89	38.37	0.24
Teggina Valle	Teggina Valle	87.429*	Max WS	UF_Tr200_D3_APP	-44.80	320.39	325.43		325.44	0.000029	-0.43	-0.19	-0.16	115.76	38.37	0.07
Teggina Valle	Teggina Valle	87.429*	Max WS	UF_Tr200_D1_APP	-49.63	320.39	325.43		325.44	0.000036	-0.48	-0.21	-0.18	115.81	38.37	0.08
Teggina Valle	Teggina Valle	87.286*	Max WS	UF_Tr200_D6_APP	138.37	320.19	325.26		325.35	0.000299	1.38	0.61	0.51	115.44	41.01	0.22
Teggina Valle	Teggina Valle	87.286*	Max WS	UF_Tr200_D3_APP	-48.39	320.19	325.43		325.44	0.000031	-0.46	-0.21	-0.18	122.24	41.01	0.07
Teggina Valle	Teggina Valle	87.286*	Max WS	UF_Tr200_D1_APP	-54.46	320.19	325.43		325.44	0.000040	-0.52	-0.23	-0.20	122.22	41.01	0.08
Teggina Valle	Teggina Valle	87.143*	Max WS	UF_Tr200_D6_APP	130.03	320.00	325.28		325.35	0.000243	1.28	0.60	0.51	119.23	40.25	0.20
Teggina Valle	Teggina Valle	87.143*	Max WS	UF_Tr200_D3_APP	-51.75	320.00	325.42		325.43	0.000034	-0.49	-0.23	-0.20	124.93	40.25	0.07
Teggina Valle	Teggina Valle	87.143*	Max WS	UF_Tr200_D1_APP	-58.72	320.00	325.42		325.43	0.000044	-0.55	-0.26	-0.23	124.84	40.25	0.08
Teggina Valle	Teggina Valle	87	Max WS	UF_Tr200_D6_APP	115.10	319.80	325.30	322.16	325.36	0.000187	1.15	0.56	0.40	119.11	39.49	0.17
Teggina Valle	Teggina Valle	87	Max WS	UF_Tr200_D3_APP	-54.52	319.80	325.39		325.40	0.000039	-0.53	-0.26	-0.19	122.61	39.49	0.08
Teggina Valle	Teggina Valle	87	Max WS	UF_Tr200_D1_APP	-59.18	319.80	325.39		325.40	0.000046	-0.58	-0.28	-0.20	122.44	39.49	0.09
Teggina Valle	Teggina Valle	86.955			Bridge											
Teggina Valle	Teggina Valle	86.938	Max WS	UF_Tr200_D6_APP	115.10	319.76	325.27		325.33	0.000172	1.12	0.55	0.39	121.06	39.04	0.17
Teggina Valle	Teggina Valle	86.938	Max WS	UF_Tr200_D3_APP	-54.52	319.76	325.40		325.41	0.000034	-0.51	-0.25	-0.18	126.14	39.33	0.08
Teggina Valle	Teggina Valle	86.938	Max WS	UF_Tr200_D1_APP	-59.18	319.76	325.40		325.41	0.000041	-0.55	-0.28	-0.20	126.01	39.33	0.08
Teggina Valle	Teggina Valle	86.876*	Max WS	UF_Tr200_D6_APP	117.09	319.71	325.27		325.32	0.000188	1.09	0.51	0.37	120.56	39.18	0.17
Teggina Valle	Teggina Valle	86.876*	Max WS	UF_Tr200_D3_APP	-90.71	319.71	325.36		325.39	0.000103	-0.82	-0.39	-0.28	124.31	39.18	0.13
Teggina Valle	Teggina Valle	86.876*	Max WS	UF_Tr200_D1_APP	-91.24	319.71	325.36		325.39	0.000105	-0.83	-0.39	-0.29	124.01	39.18	0.13
Teggina Valle	Teggina Valle	86.813*	Max WS	UF_Tr200_D6_APP	115.38	319.67	325.27		325.32	0.000180	1.09	0.52	0.37	121.82	39.02	0.17
Teggina Valle	Teggina Valle	86.813*	Max WS	UF_Tr200_D3_APP	-111.34	319.67	325.33		325.38	0.000159	-1.03	-0.50	-0.36	124.13	39.02	0.16
Teggina Valle	Teggina Valle	86.813*	Max WS	UF_Tr200_D1_APP	-114.81	319.67	325.33		325.38	0.000169	-1.06	-0.51	-0.37	124.10	39.02	0.16
Teggina Valle	Teggina Valle	86.751*	Max WS	UF_Tr200_D6_APP	109.28	319.63	325.28		325.32	0.000152	1.01	0.49	0.24	123.22	38.86	0.16
Teggina Valle	Teggina Valle	86.751*	Max WS	UF_Tr200_D3_APP	-140.62	319.63	325.31		325.38	0.000245	-1.28	-0.63	-0.32	124.40	38.86	0.20
Teggina Valle	Teggina Valle	86.751*	Max WS	UF_Tr200_D1_APP	-138.77	319.63	325.31		325.38	0.000239	-1.27	-0.62	-0.31	124.41	38.86	0.20
Teggina Valle	Teggina Valle	86.688*	Max WS	UF_Tr200_D6_APP	100.28	319.58	325.29		325.33	0.000120	0.90	0.44	0.24	126.25	38.71	0.14
Teggina Valle	Teggina Valle	86.688*	Max WS	UF_Tr200_D3_APP	-153.29	319.58	325.32		325.40	0.000273	-1.36	-0.67	-0.37	127.28	38.71	0.21
Teggina Valle	Teggina Valle	86.688*	Max WS	UF_Tr200_D1_APP	-154.98	319.58	325.32		325.40	0.000279	-1.38	-0.68	-0.38	127.24	38.71	0.21
Teggina Valle	Teggina Valle	86.626*	Max WS	UF_Tr200_D6_APP	87.20	319.54	325.31		325.34	0.000087	0.79	0.37	0.23	125.95	38.56	0.12
Teggina Valle	Teggina Valle	86.626*	Max WS	UF_Tr200_D3_APP	-159.29	319.54	325.33		325.43	0.000282	-1.43	-0.67	-0.41	126.99	38.56	0.22
Teggina Valle	Teggina Valle	86.626*	Max WS	UF_Tr200_D1_APP	-157.54	319.54	325.33		325.43	0.000276	-1.42	-0.67	-0.41	126.95	38.56	0.21
Teggina Valle	Teggina Valle	86.563*	Max WS	UF_Tr200_D6_APP	66.68	319.50	325.33		325.35	0.000046	0.57	0.28	0.17	131.31	38.40	0.09
Teggina Valle	Teggina Valle	86.563*	Max WS	UF_Tr200_D3_APP	-162.97	319.50	325.34		325.43	0.000270	-1.38	-0.68	-0.42	131.76	38.40	0.21
Teggina Valle	Teggina Valle	86.563*	Max WS	UF_Tr200_D1_APP	-160.74	319.50	325.34		325.43	0.000263	-1.36	-0.67	-0.42	131.80	38.40	0.21
Teggina Valle	Teggina Valle	86.501*	Max WS	UF_Tr200_D6_APP	17.05	319.46	325.36		325.36	0.000003	0.14	0.07	0.05	134.11	38.24	0.02
Teggina Valle	Teggina Valle	86.501*	Max WS	UF_Tr200_D3_APP	-175.80	319.46	325.29		325.39	0.000321	-1.49	-0.72	-0.54	131.29	38.24	0.23
Teggina Valle	Teggina Valle	86.501*	Max WS	UF_Tr200_D1_APP	-170.48	319.46	325.29		325.38	0.000302	-1.44	-0.70	-0.53	131.31	38.24	0.23
Teggina Valle	Teggina Valle	86.438*	Max WS	UF_Tr200_D6_APP	7.76	319.41	325.37		325.37	0.000001	0.06	0.03		144.17	38.09	0.01

HEC-RAS Profile: Max WS (Continued)

River	Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
					(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Teggina Valle	Teggina Valle	86.438*	Max WS	UF_Tr200_D3_APP	-218.08	319.41	325.16		325.31	0.000473	-1.75	-0.86		136.43	38.09	0.27
Teggina Valle	Teggina Valle	86.438*	Max WS	UF_Tr200_D1_APP	-198.45	319.41	325.17		325.29	0.000391	-1.59	-0.78		136.53	38.09	0.24
Teggina Valle	Teggina Valle	86.376*	Max WS	UF_Tr200_D6_APP	-61.00	319.37	325.35		325.37	0.000034	-0.53	-0.26	-0.25	138.50	37.93	0.08
Teggina Valle	Teggina Valle	86.376*	Max WS	UF_Tr200_D3_APP	-210.05	319.37	325.20		325.36	0.000450	-1.89	-0.91	-0.87	132.65	37.93	0.28
Teggina Valle	Teggina Valle	86.376*	Max WS	UF_Tr200_D1_APP	-213.61	319.37	325.20		325.36	0.000465	-1.92	-0.93	-0.89	132.68	37.93	0.28
Teggina Valle	Teggina Valle	86.313*	Max WS	UF_Tr200_D6_APP	-46.30	319.33	325.33		325.33	0.000015	-0.35	-0.18	-0.16	151.06	37.78	0.05
Teggina Valle	Teggina Valle	86.313*	Max WS	UF_Tr200_D3_APP	-214.39	319.33	325.24		325.36	0.000342	-1.67	-0.83	-0.76	147.65	37.78	0.25
Teggina Valle	Teggina Valle	86.313*	Max WS	UF_Tr200_D1_APP	-213.00	319.33	325.23		325.36	0.000338	-1.66	-0.83	-0.76	147.54	37.78	0.25
Teggina Valle	Teggina Valle	86.251*	Max WS	UF_Tr200_D6_APP	-87.77	319.28	325.29		325.32	0.000067	-0.73	-0.37	-0.34	140.25	37.62	0.11
Teggina Valle	Teggina Valle	86.251*	Max WS	UF_Tr200_D3_APP	-205.13	319.28	325.21		325.34	0.000391	-1.74	-0.89	-0.82	137.01	37.62	0.26
Teggina Valle	Teggina Valle	86.251*	Max WS	UF_Tr200_D1_APP	-201.03	319.28	325.20		325.33	0.000376	-1.71	-0.87	-0.80	136.93	37.62	0.26
Teggina Valle	Teggina Valle	86.188*	Max WS	UF_Tr200_D6_APP	-64.77	319.24	325.26		325.27	0.000036	-0.51	-0.28	-0.16	139.78	37.46	0.08
Teggina Valle	Teggina Valle	86.188*	Max WS	UF_Tr200_D3_APP	-219.68	319.24	325.22		325.36	0.000434	-1.76	-0.95	-0.54	138.20	37.46	0.27
Teggina Valle	Teggina Valle	86.188*	Max WS	UF_Tr200_D1_APP	-214.52	319.24	325.22		325.36	0.000414	-1.72	-0.92	-0.53	138.22	37.46	0.27
Teggina Valle	Teggina Valle	86.126*	Max WS	UF_Tr200_D6_APP	1.35	319.20	325.22		325.22	0.000000	0.01	0.01	0.00	139.32	37.31	0.00
Teggina Valle	Teggina Valle	86.126*	Max WS	UF_Tr200_D3_APP	-227.36	319.20	325.19		325.35	0.000468	-1.89	-0.98	-0.84	138.07	37.31	0.28
Teggina Valle	Teggina Valle	86.126*	Max WS	UF_Tr200_D1_APP	-222.54	319.20	325.19		325.35	0.000448	-1.85	-0.96	-0.82	138.11	37.31	0.28
Teggina Valle	Teggina Valle	86.063	Max WS	UF_Tr200_D6_APP	-14.91	319.16	325.21		325.21	0.000002	-0.12	-0.06	-0.05	139.65	37.14	0.02
Teggina Valle	Teggina Valle	86.063	Max WS	UF_Tr200_D3_APP	-239.46	319.16	325.15		325.33	0.000525	-1.98	-1.03	-0.85	137.68	37.14	0.30
Teggina Valle	Teggina Valle	86.063	Max WS	UF_Tr200_D1_APP	-234.23	319.16	325.16		325.33	0.000502	-1.94	-1.01	-0.83	137.72	37.14	0.29
Teggina Valle	Teggina Valle	86	Max WS	UF_Tr200_D6_APP	-146.94	319.03	325.22	321.05	325.26	0.000088	-0.88	-0.46		179.80	36.98	0.12
Teggina Valle	Teggina Valle	86	Max WS	UF_Tr200_D3_APP	-242.50	319.03	325.22	321.67	325.32	0.000239	-1.46	-0.75		179.80	36.98	0.20
Teggina Valle	Teggina Valle	86	Max WS	UF_Tr200_D1_APP	-236.05	319.03	325.22	321.64	325.32	0.000226	-1.42	-0.73		179.80	36.98	0.19
Teggina Monte	Teggina Monte	100	Max WS	UF_Tr200_D6_APP	143.10	374.30	376.54	377.01	378.14	0.022247	5.63		0.89	26.19	20.00	1.42
Teggina Monte	Teggina Monte	100	Max WS	UF_Tr200_D3_APP	225.59	374.30	377.02	377.70	379.22	0.022757	6.65	0.50	1.73	36.64	23.37	1.49
Teggina Monte	Teggina Monte	100	Max WS	UF_Tr200_D1_APP	230.48	374.30	377.04	377.74	379.27	0.022764	6.70	0.54	1.76	37.22	23.59	1.49
Teggina Monte	Teggina Monte	99.900*	Max WS	UF_Tr200_D6_APP	143.10	373.90	376.13	376.60	377.73	0.022396	5.62		0.88	26.23	20.25	1.42
Teggina Monte	Teggina Monte	99.900*	Max WS	UF_Tr200_D3_APP	225.58	373.90	376.60	377.27	378.81	0.022820	6.66	0.63	1.71	36.53	22.98	1.49
Teggina Monte	Teggina Monte	99.900*	Max WS	UF_Tr200_D1_APP	230.47	373.90	376.63	377.30	378.87	0.022826	6.72	0.67	1.75	37.10	23.11	1.49
Teggina Monte	Teggina Monte	99.800*	Max WS	UF_Tr200_D6_APP	143.10	373.49	375.71	376.18	377.31	0.022572	5.62		0.87	26.26	20.48	1.43
Teggina Monte	Teggina Monte	99.800*	Max WS	UF_Tr200_D3_APP	225.58	373.49	376.18	376.85	378.40	0.022904	6.68	0.63	1.70	36.41	22.72	1.50
Teggina Monte	Teggina Monte	99.800*	Max WS	UF_Tr200_D1_APP	230.47	373.49	376.21	376.88	378.46	0.022922	6.74	0.66	1.73	36.96	22.82	1.50
Teggina Monte	Teggina Monte	99.700*	Max WS	UF_Tr200_D6_APP	143.10	373.09	375.30	375.77	376.90	0.022834	5.62		0.86	26.25	20.69	1.43
Teggina Monte	Teggina Monte	99.700*	Max WS	UF_Tr200_D3_APP	225.57	373.09	375.76	376.45	377.99	0.023008	6.69	0.74	1.67	36.34	22.88	1.50
Teggina Monte	Teggina Monte	99.700*	Max WS	UF_Tr200_D1_APP	230.46	373.09	375.79	376.48	378.05	0.023035	6.75	0.77	1.71	36.89	22.99	1.51
Teggina Monte	Teggina Monte	99.65			Lat Struct											
Teggina Monte	Teggina Monte	99.600*	Max WS	UF_Tr200_D6_APP	143.10	372.68	374.88	375.37	376.48	0.022881	5.62	0.23	0.84	26.21	20.83	1.44
Teggina Monte	Teggina Monte	99.600*	Max WS	UF_Tr200_D3_APP	225.57	372.68	375.34	375.98	377.54	0.022773	6.66	0.84	1.61	37.20	24.75	1.50
Teggina Monte	Teggina Monte	99.600*	Max WS	UF_Tr200_D1_APP	230.46	372.68	375.37	376.02	377.59	0.022763	6.71	0.87	1.66	37.81	24.78	1.50
Teggina Monte	Teggina Monte	99.500*	Max WS	UF_Tr200_D6_APP	143.10	372.28	374.46	374.95	376.07	0.022862	5.62	0.37	0.81	26.19	20.99	1.44
Teggina Monte	Teggina Monte	99.500*	Max WS	UF_Tr200_D3_APP	225.57	372.28	374.93	375.57	377.12	0.022701	6.66	0.90	1.60	37.12	24.59	1.50
Teggina Monte	Teggina Monte	99.500*	Max WS	UF_Tr200_D1_APP	230.45	372.28	374.95	375.61	377.18	0.022677	6.71	0.92	1.64	37.72	24.61	1.50
Teggina Monte	Teggina Monte	99.400*	Max WS	UF_Tr200_D6_APP	143.10	371.88	374.04	374.53	375.64	0.022688	5.61	0.50	0.79	26.24	21.07	1.43
Teggina Monte	Teggina Monte	99.400*	Max WS	UF_Tr200_D3_APP	225.46	371.88	374.51	375.16	376.70	0.022432	6.64	0.98	1.60	37.07	24.19	1.49
Teggina Monte	Teggina Monte	99.400*	Max WS	UF_Tr200_D1_APP	230.45	371.88	374.54	375.19	376.76	0.022451	6.70	1.01	1.65	37.66	24.22	1.49
Teggina Monte	Teggina Monte	99.300*	Max WS	UF_Tr200_D6_APP	143.10	371.47	373.63	374.10	375.20	0.022110	5.56	0.73	0.80	26.53	21.46	1.42
Teggina Monte	Teggina Monte	99.300*	Max WS	UF_Tr200_D3_APP	225.60	371.47	374.11	374.75	376.26	0.021833	6.59	1.27	1.56	37.52	24.96	1.47
Teggina Monte	Teggina Monte	99.300*	Max WS	UF_Tr200_D1_APP	230.46	371.47	374.13	374.78	376.32	0.021860	6.64	1.30	1.59	38.12	25.12	1.48
Teggina Monte	Teggina Monte	99.200*	Max WS	UF_Tr200_D6_APP	143.10	371.07	373.24	373.68	374.74	0.020596	5.44	0.86	0.80	27.28	22.04	1.37
Teggina Monte	Teggina Monte	99.200*	Max WS	UF_Tr200_D3_APP	225.30	371.07	373.72	374.32	375.76	0.020298	6.43	1.36	1.57	38.77	25.44	1.42
Teggina Monte	Teggina Monte	99.200*	Max WS	UF_Tr200_D1_APP	230.28	371.07	373.74	374.35	375.82	0.020391	6.49	1.38	1.61	39.35	25.49	1.43
Teggina Monte	Teggina Monte	99.100*	Max WS	UF_Tr200_D6_APP	143.10	370.66	372.90	373.27	374.24	0.017422	5.16	1.01	0.82	29.49	24.60	1.27
Teggina Monte	Teggina Monte	99.100*	Max WS	UF_Tr200_D3_APP	223.33	370.66	373.38	373.88	375.15	0.016959	6.03	1.45	1.58	42.31	27.80	1.31
Teggina Monte	Teggina Monte	99.100*	Max WS	UF_Tr200_D1_APP	228.76	370.66	373.40	373.94	375.21	0.017222	6.11	1.48	1.62	42.84	27.88	1.32
Teggina Monte	Teggina Monte	99.05			Lat Struct											
Teggina Monte	Teggina Monte	99	Max WS	UF_Tr200_D6_APP	143.10	370.26	372.62	372.86	373.68	0.012544	4.63	1.07	0.90	34.76	29.10	1.09
Teggina Monte	Teggina Monte	99	Max WS	UF_Tr200_D3_APP	223.35	370.26	373.11	373.41	374.49	0.012522	5.42	1.59	1.56	49.50	30.47	1.14
Teggina Monte	Teggina Monte	99	Max WS	UF_Tr200_D1_APP	227.89	370.26	373.12	373.44	374.54	0.012734	5.49	1.62	1.59	49.93	30.47	1.15
Teggina Monte	Teggina Monte	98.934*	Max WS	UF_Tr200_D6_APP	143.10	369.97	372.36	372.51	373.29	0.014712	4.29	0.55		33.66	25.90	1.15
Teggina Monte	Teggina Monte	98.934*	Max WS	UF_Tr200_D3_APP	229.33	369.97	372.85	373.10	374.12	0.013691	5.01	1.03	0.56	47.95	31.69	1.16
Teggina Monte	Teggina Monte	98.934*	Max WS	UF_Tr200_D1_APP	230.51	369.97	372.87	373.11	374.12	0.013461	4.99	1.03	0.57	48.43	31.87	1.16
Teggina Monte	Teggina Monte	98.867*	Max WS	UF_Tr200_D6_APP	143.10	369.68	372.02	372.35	373.23	0.019613	4.87			29.37	21.03	1.32
Teggina Monte	Teggina Monte	98.867*	Max WS	UF_Tr200_D3_APP	227.63	369.68	372.52	372.94	374.09	0.020551	5.55	0.28	0.33	41.03	25.85	1.38
Teggina Monte	Teggina Monte	98.867*	Max WS	UF_Tr200_D1_APP	230.45	369.68	372.54	372.95	374.11	0.020275	5.56	0.32	0.36	41.52	26.05	1.38
Teggina Monte	Teggina Monte	98.801*	Max WS	UF_Tr200_D6_APP	143.10	369.39	371.62	371.99	372.90	0.021017	5.00			28.64	21.00	1.37
Teggina Monte	Teggina Monte	98.801*	Max WS	UF_Tr200_D3_APP	226.74	369.39	372.10	372.61	373.78	0.023032	5.75			39.44	25.10	1.46
Teggina Monte	Teggina Monte	98.801*	Max WS	UF_Tr200_D1_APP	230.43	369.39	372.12	372.63	373.81	0.023055	5.77			39.96	25.34	1.47
Teggina Monte	Teggina Monte	98.734	Max WS	UF_Tr200_D6_APP	143.10	369.10	371.15	371.61	372.66	0.027480	5.44			26.31	20.82	1.54
Teggina Monte	Teggina Monte	98.734	Max WS	UF_Tr200_D3_APP	226.24	369.10	371.61	372.22	373.58	0.027348	6.22			36.35	23.29	1.59
Teggina Monte	Teggina Monte	98.734	Max WS	UF_Tr200_D1_APP	230.41	369.10	371.63	372.25	373.62	0.027279	6.25			36.85	23.40	1.59
Teggina Monte	Teggina Monte	98.667*	Max WS	UF_Tr200_D6_APP	143.10	368.52	370.63	371.10	372.15	0.026356	5.46			26.22	19.98	1.52
Teggina Monte	Teggina Monte	98.667*	Max WS	UF_Tr200_D3_APP	225.99	368.52	371.06	371.74	373.15	0.028949	6.40			35.31	22.67	1.64
Teggina Monte	Teggina Monte	98.667*	Max WS	UF_Tr200_D1_APP	230.41	368.52	371.08	371.77	373.20	0.029070	6.44			35.77	22.80	1.64
Teggina Monte	Teggina Monte	98.601*	Max WS	UF_Tr200_D6_APP	143.10	367.94	370.14	370.47	371.33	0.024382	4.85		0.98	30.33	29.67	1.44
Teggina Monte	Teggina Monte	98.601*	Max WS	UF_Tr200_D3_APP	225.83	367.94	370.58	370.98	372.06	0.020191	5.43	0.65	1.68	43.84	31.73	1.38
Teggina Monte	Teggina Monte	98.601*	Max WS	UF_Tr200_D1_APP	230.40	367.94	370.60	371.00	372.10	0.020189	5.48	0.68	1.71	44.43	31.81	1.38
Teggina Monte	Teggina Monte	98.534	Max WS	UF_Tr200_D6_APP	143.10	367.36	369.68	370.12	371.02	0.023394	5.12			27.92	21.31	1.43
Teggina Monte	Teggina Monte	98.534	Max WS	UF_Tr200_D3_APP	225.53	367.36	370.14	370.64	371.81	0.025764	5.73	0.38	0.62	39.69	30.79	1.53
Teggina Monte	Teggina Monte	98.534	Max WS	UF_Tr200_D1_APP	230.39	367.36	370.16	370.66	371.86	0.025783	5.78	0.43	0.64	40.24	31.24	1.53
Teggina Monte	Teggina Monte	98.533			Lat Struct											
Teggina Monte	Teggina Monte	98.467*	Max WS	UF_Tr200_D6_APP	143.10	366.92	369.21	369.61	370.53	0.024501	5.08			28.19	22.71	1.45
Teggina Monte	Teggina Monte	98.467*	Max WS	UF_Tr200_D3_APP	224.98	366.92	369.67	370.11	371.27	0.023885	5.61	0.39	0.89	40.53	30.12	1.48
Teggina Monte	Teggina Monte	98.467*	Max WS	UF_Tr200_D1_APP	230.11	366.92	369.68	370.15	371.32	0.024178	5.68	0.42	0.93	40.96	30.20	1.49
Teggina Monte	Teggina Monte	98.401*	Max WS	UF_Tr200_D6_APP	143.10	366.47	368.74	369.10	370.01	0.025058	5.00		0.10	28.60	24.29	1.47
Teggina Monte	Teggina Monte	98.401*	Max WS	UF_Tr200_D3_APP	225.99	366.47	369.25	369.63	370.74	0.018931	5.43	0.77	1.22	42.86	29.45	1.35
Teggina Monte	Teggina Monte	98.401*	Max WS	UF_Tr200_D1_APP	230.23	366.47	369.26	369.65	370.79	0.019319	5.50	0.80	1.25	43.10	29.45	1.36
Teggina Monte	Teggina Monte	98.334*	Max WS	UF_Tr200_D6_APP	143.09	366.03	368.30	368.62	369.48	0.020511	4.81		0.62	30.13	26.16	1.35
Teggina Monte	Teggina Monte	98.334*	Max WS	UF_Tr200_D3_APP	228.04	366.03	368.93	369.16	370.21	0.013577	5.05	0.98	1.44	47.52	28.07	1.17
Teggina Monte	Teggina Monte	98.334*	Max WS	UF_Tr200_D1_APP	228.99	366.03	368.94	369.16	370.22	0.013578	5.06	0.98	1.44	47.65	28.07	1.17
Teggina Monte	Teggina Monte	98.267	Max WS	UF_Tr200_D6_APP	143.03	365.58	367.96	368.13	368.94	0.014783	4.41	0.14	1.10	33.16	24.45	1.17
Teggina Monte	Teggina Monte	98.267	Max WS	UF_Tr200_D3_APP	219.30	365.58	368.71	368.66	369.68	0.008450	4.40	1.03	1.30	52.79	26.26	0.94
Teggina Monte	Teggina Monte	98.267	Max WS	UF_Tr200_D1_APP	228.16	365.58	368.71	368.71	369.76	0.009108	4.57	1.07	1.35	52.86	26.26	0.98
Teggina Monte	Teggina Monte	98.200*	Max WS	UF_Tr200_D6_APP	143.01	365.07	367.73	367.67	368.52	0.008655	3.94	0.68	0.89	37.62	23.17	0.92
Teggina Monte	Teggina Monte	98.200*	Max WS	UF_Tr200_D3_APP	227.47	365.07	368.57		369.47	0.006169	4.26	1.08	1.15	57.05	23.17	0.83

HEC-RAS Profile: Max WS (Continued)

River	Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
					(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Teggina Monte	Teggina Monte	98.200*	Max WS	UF_Tr200_D1_APP	224.80	365.07	368.57		369.45	0.006043	4.22	1.07	1.14	56.99	23.17	0.82
Teggina Monte	Teggina Monte	98.134*	Max WS	UF_Tr200_D6_APP	143.12	364.57	367.60		368.16	0.004954	3.35	0.68	0.83	45.57	24.33	0.71
Teggina Monte	Teggina Monte	98.134*	Max WS	UF_Tr200_D3_APP	215.47	364.57	368.49		369.10	0.003552	3.54	0.88	1.09	67.24	24.33	0.64
Teggina Monte	Teggina Monte	98.134*	Max WS	UF_Tr200_D1_APP	230.67	364.57	368.47		369.18	0.004170	3.82	0.95	1.18	66.71	24.33	0.69
Teggina Monte	Teggina Monte	98.067	Max WS	UF_Tr200_D6_APP	143.99	364.06	367.57		367.97	0.002795	2.84	0.67	0.71	54.74	23.48	0.54
Teggina Monte	Teggina Monte	98.067	Max WS	UF_Tr200_D3_APP	227.74	364.06	368.51		369.04	0.002544	3.29	0.90	0.93	77.03	23.48	0.54
Teggina Monte	Teggina Monte	98.067	Max WS	UF_Tr200_D1_APP	236.00	364.06	368.44		369.03	0.002925	3.48	0.95	0.98	75.30	23.48	0.58
Teggina Monte	Teggina Monte	98	Max WS	UF_Tr200_D6_APP	113.16	363.62	367.79	365.88	367.95	0.000836	1.78	0.48	0.34	68.13	22.09	0.31
Teggina Monte	Teggina Monte	98	Max WS	UF_Tr200_D3_APP	147.93	363.62	368.97	366.23	369.11	0.000530	1.73	0.49	0.31	94.14	22.09	0.26
Teggina Monte	Teggina Monte	98	Max WS	UF_Tr200_D1_APP	146.43	363.62	368.91	366.21	369.06	0.000540	1.73	0.49	0.32	92.95	22.09	0.26
Teggina Monte	Teggina Monte	97.99			Bridge											
Teggina Monte	Teggina Monte	97.983	Max WS	UF_Tr200_D6_APP	113.16	363.50	365.42	365.64	366.47	0.017643	4.54			24.93	17.95	1.23
Teggina Monte	Teggina Monte	97.983	Max WS	UF_Tr200_D3_APP	147.93	363.50	365.75	365.97	366.90	0.015782	4.75			31.17	19.11	1.19
Teggina Monte	Teggina Monte	97.983	Max WS	UF_Tr200_D1_APP	146.39	363.50	365.75	365.97	366.88	0.015529	4.70			31.11	19.10	1.18
Teggina Monte	Teggina Monte	97.959*	Max WS	UF_Tr200_D6_APP	121.16	363.13	365.08	365.26	366.08	0.016225	4.44	0.34		27.34	19.83	1.19
Teggina Monte	Teggina Monte	97.959*	Max WS	UF_Tr200_D3_APP	169.02	363.13	365.45	365.69	366.67	0.014671	4.88	0.78	0.22	35.05	23.90	1.17
Teggina Monte	Teggina Monte	97.959*	Max WS	UF_Tr200_D1_APP	169.11	363.13	365.45	365.69	366.67	0.014695	4.89	0.78	0.22	35.04	23.89	1.17
Teggina Monte	Teggina Monte	97.935*	Max WS	UF_Tr200_D6_APP	135.35	362.77	364.76	364.97	365.78	0.016466	4.47			30.29	21.77	1.21
Teggina Monte	Teggina Monte	97.935*	Max WS	UF_Tr200_D3_APP	196.31	362.77	365.15	365.44	366.43	0.016058	5.02		0.70	39.49	25.17	1.23
Teggina Monte	Teggina Monte	97.935*	Max WS	UF_Tr200_D1_APP	197.64	362.77	365.15	365.45	366.45	0.016391	5.06		0.70	39.39	25.16	1.24
Teggina Monte	Teggina Monte	97.911*	Max WS	UF_Tr200_D6_APP	135.34	362.40	364.48	364.52	365.29	0.011474	3.99		1.16	34.66	23.88	1.04
Teggina Monte	Teggina Monte	97.911*	Max WS	UF_Tr200_D3_APP	195.38	362.40	364.87	365.00	365.90	0.012382	4.51	0.17	1.47	44.48	28.63	1.10
Teggina Monte	Teggina Monte	97.911*	Max WS	UF_Tr200_D1_APP	197.30	362.40	364.86	365.01	365.92	0.012996	4.60	0.10	1.49	44.06	28.63	1.13
Teggina Monte	Teggina Monte	97.887	Max WS	UF_Tr200_D6_APP	135.34	362.03	364.30		364.82	0.006676	3.20	0.28	0.63	43.25	29.76	0.80
Teggina Monte	Teggina Monte	97.887	Max WS	UF_Tr200_D3_APP	192.87	362.03	364.69		365.36	0.006634	3.67	0.56	0.97	54.87	31.23	0.82
Teggina Monte	Teggina Monte	97.887	Max WS	UF_Tr200_D1_APP	194.58	362.03	364.66		365.37	0.007043	3.75	0.56	0.98	54.10	31.13	0.85

ALLEGATI

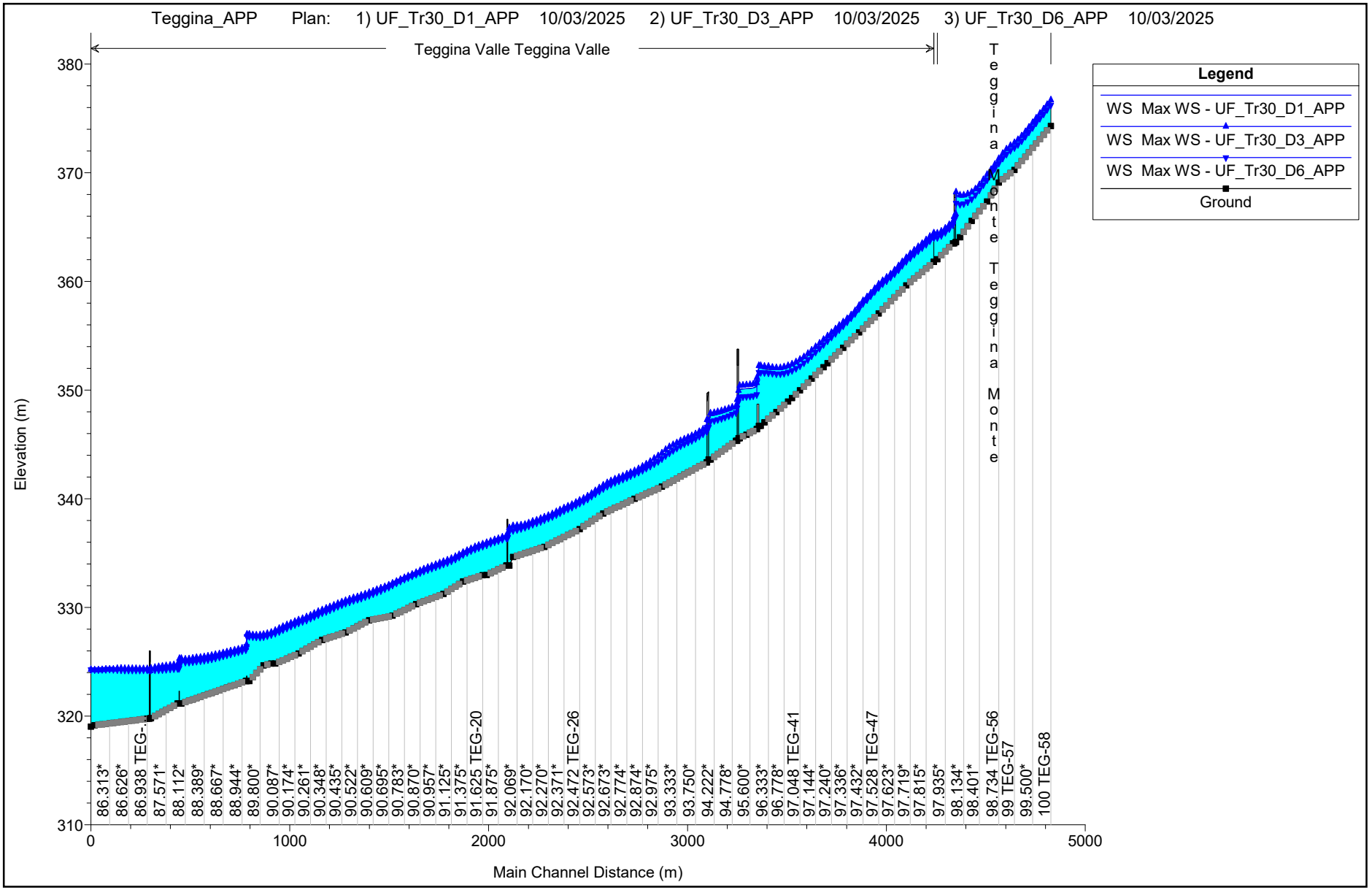
MODELLAZIONE HEC-RAS 6.3.1 "TEGGINA_APP"

TEGGINA

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 1, 3 e 6 h

Profilo longitudinale


Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
Teggina Valle Teggina Valle
Teggina Monte Teggina Monte
Legend
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Elevation (m)
Main Channel Distance (m)
380
370
360
350
340
330
320
310
0
1000
2000
3000
4000
5000
86.313*
86.626*
86.938 TEG-
87.571*
88.112*
88.389*
88.667*
88.944*
89.800*
90.087*
90.174*
90.261*
90.348*
90.435*
90.522*
90.609*
90.695*
90.783*
90.870*
90.957*
91.125*
91.375*
91.625 TEG-20
91.875*
92.069*
92.170*
92.270*
92.371*
92.472 TEG-26
92.573*
92.673*
92.774*
92.874*
92.975*
93.333*
93.750*
94.222*
94.778*
95.600*
96.333*
96.778*
97.048 TEG-41
97.144*
97.240*
97.336*
97.432*
97.528 TEG-47
97.623*
97.719*
97.815*
97.935*
98.134*
98.401*
98.734 TEG-56
99 TEG-57
99.500*
100 TEG-58

ALLEGATI

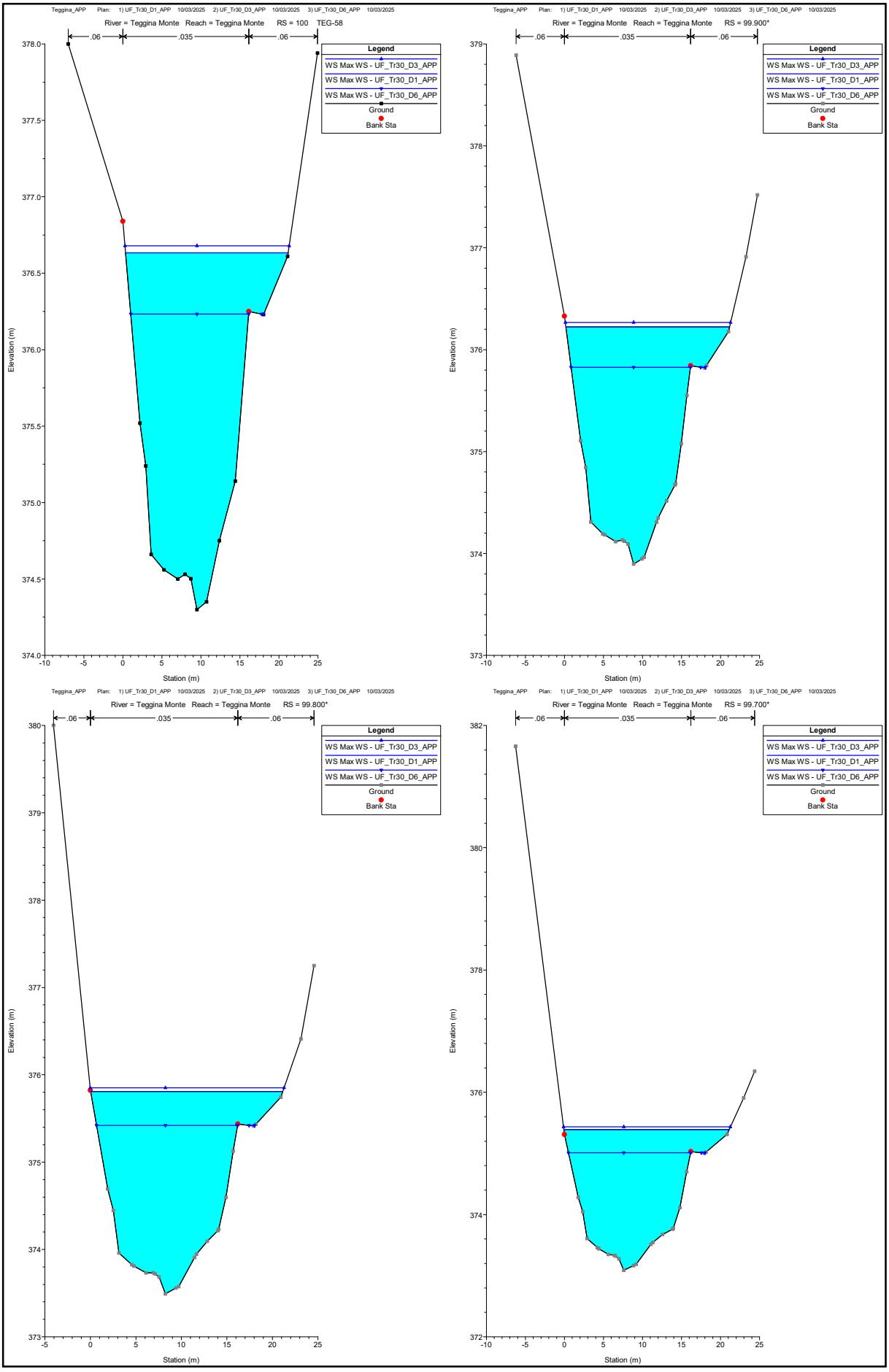
MODELLAZIONE HEC-RAS 6.3.1 "TEGGINA_APP"

TEGGINA

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 1, 3 e 6 h

Sezioni Trasversali (da monte verso valle)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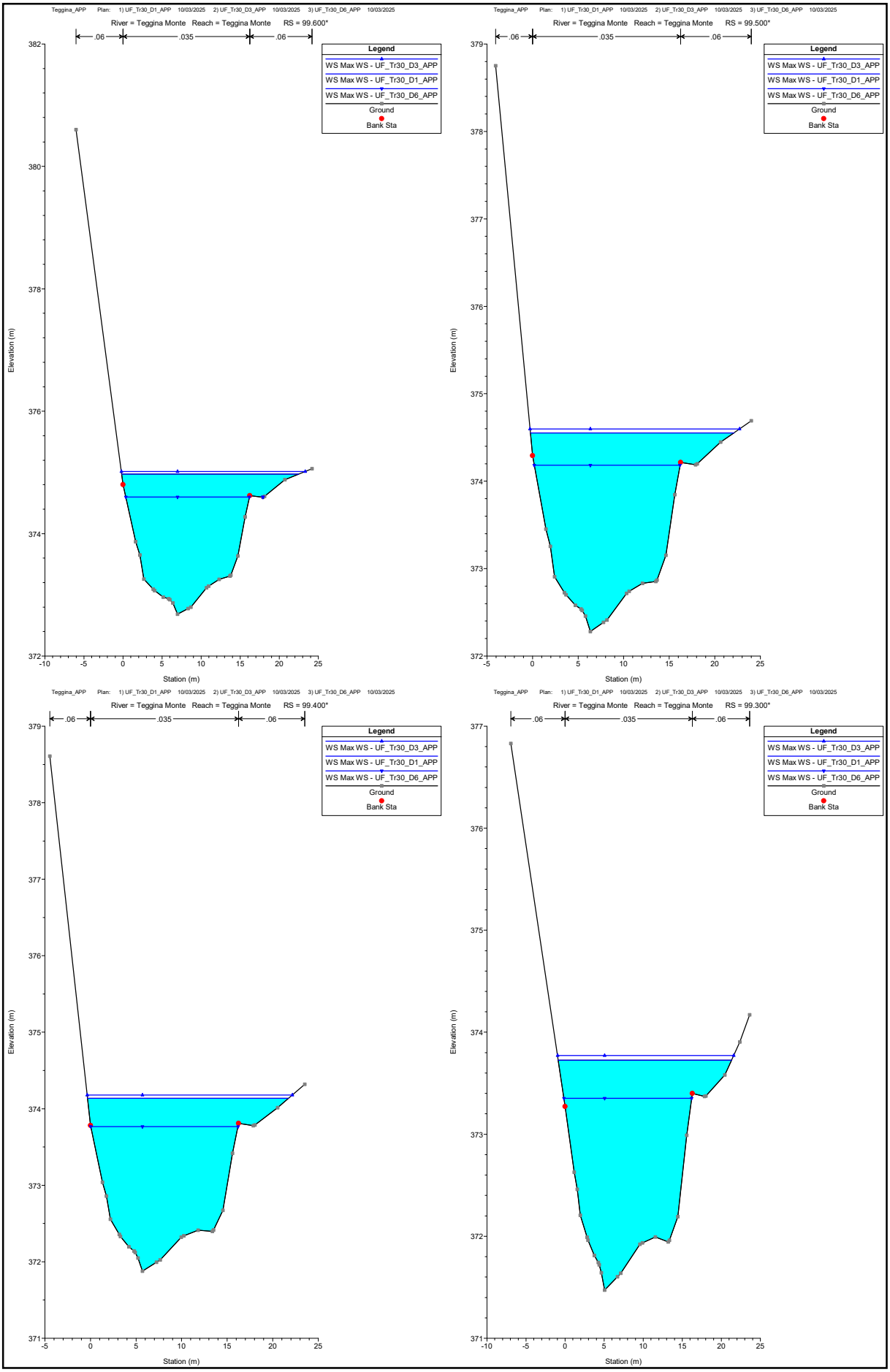
River = Teggina Monte Reach = Teggina Monte RS = 100 TEG-58
.06
.035
.06
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Monte Reach = Teggina Monte RS = 99.900*
.06
.035
.06
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Monte Reach = Teggina Monte RS = 99.800*
.06
.035
.06
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Monte Reach = Teggina Monte RS = 99.700*
.06
.035
.06
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)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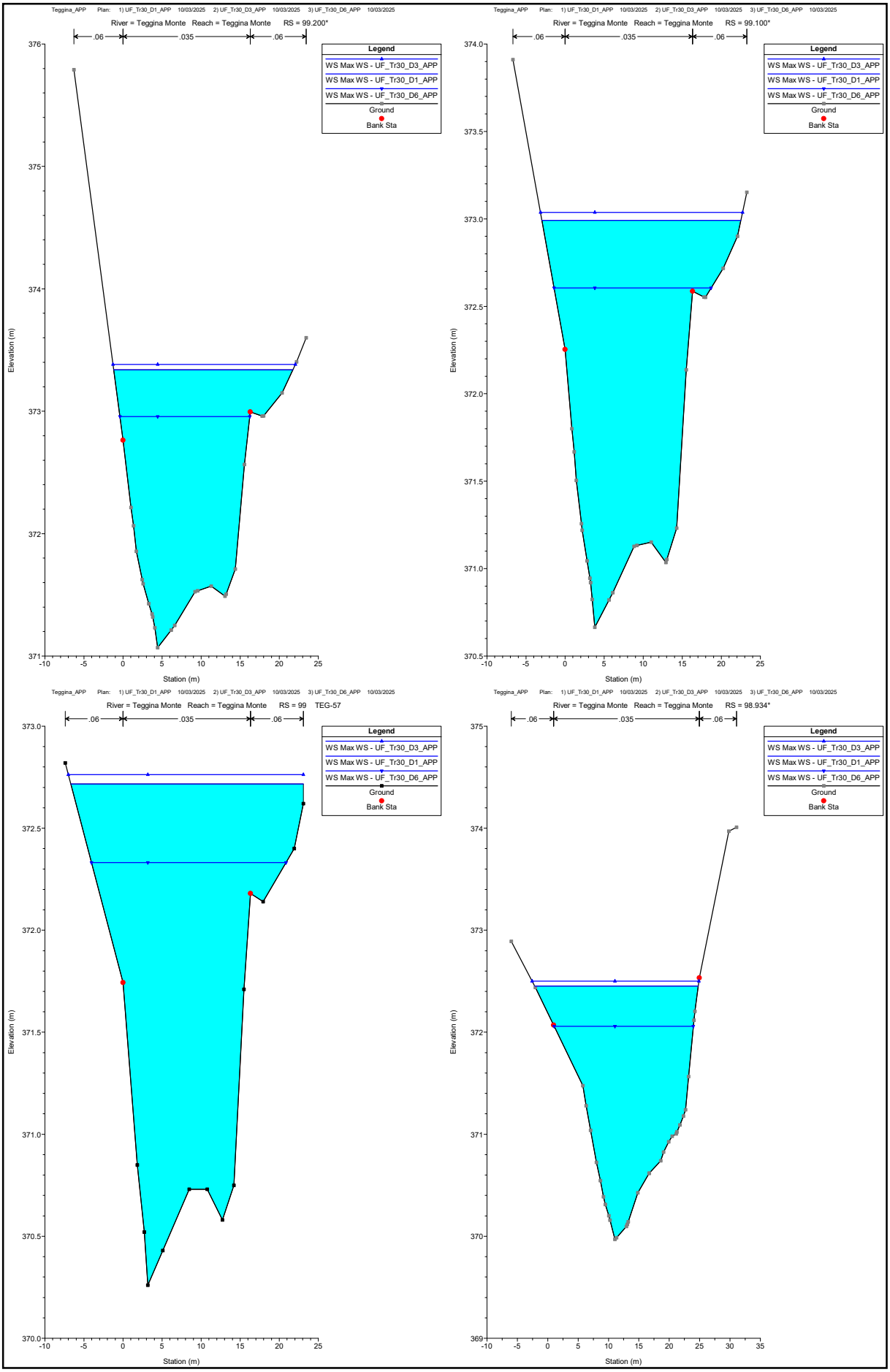
River = Teggina Monte Reach = Teggina Monte RS = 99.600*
.06
.035
.06
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Monte Reach = Teggina Monte RS = 99.500*
.06
.035
.06
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Monte Reach = Teggina Monte RS = 99.400*
.06
.035
.06
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Monte Reach = Teggina Monte RS = 99.300*
.06
.035
.06
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)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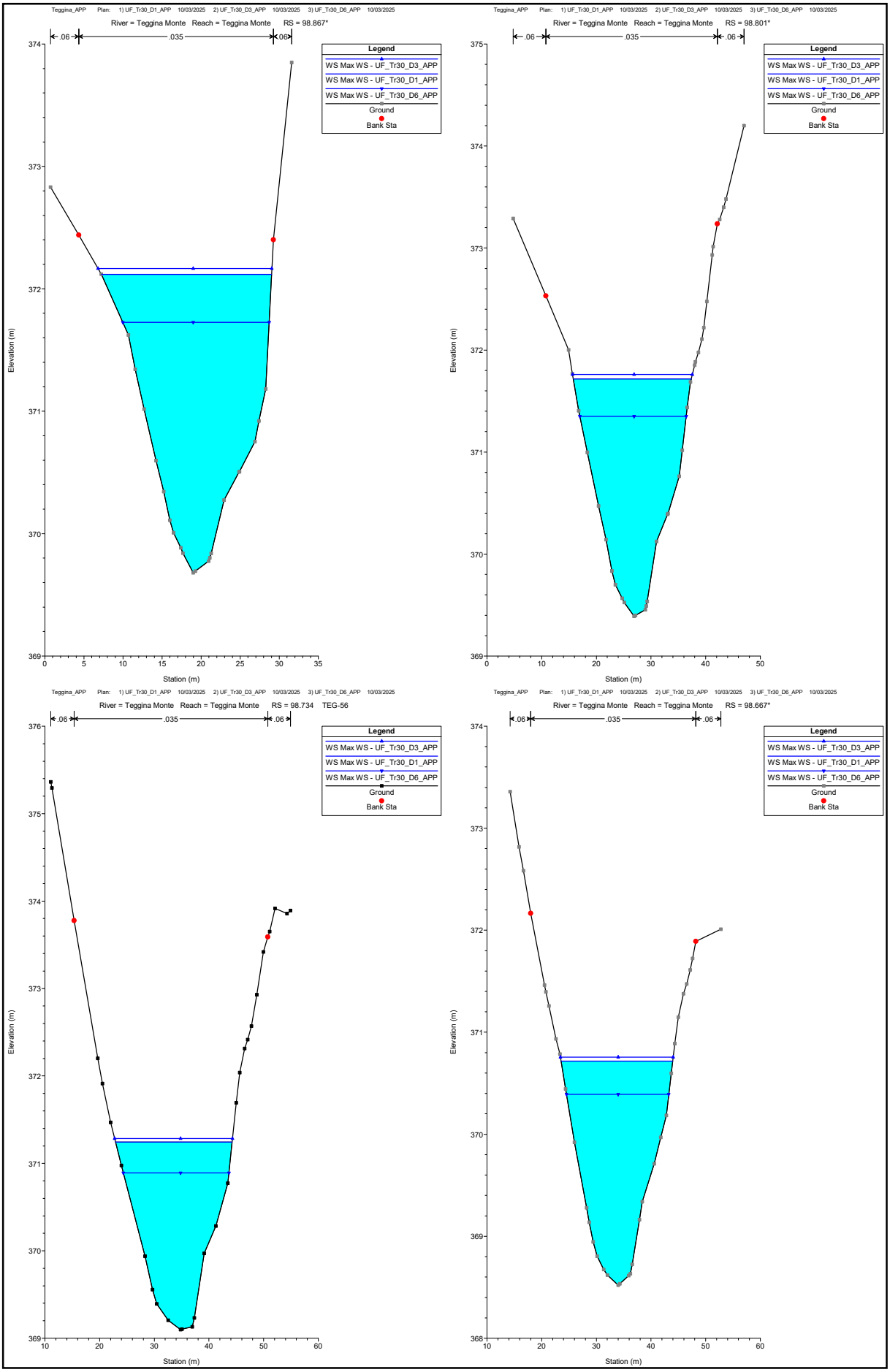
River = Teggina Monte Reach = Teggina Monte RS = 99.200*
.06
.035
.06
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Monte Reach = Teggina Monte RS = 99.100*
.06
.035
.06
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Monte Reach = Teggina Monte RS = 99 TEG-57
.06
.035
.06
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Monte Reach = Teggina Monte RS = 98.934*
.06
.035
.06
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)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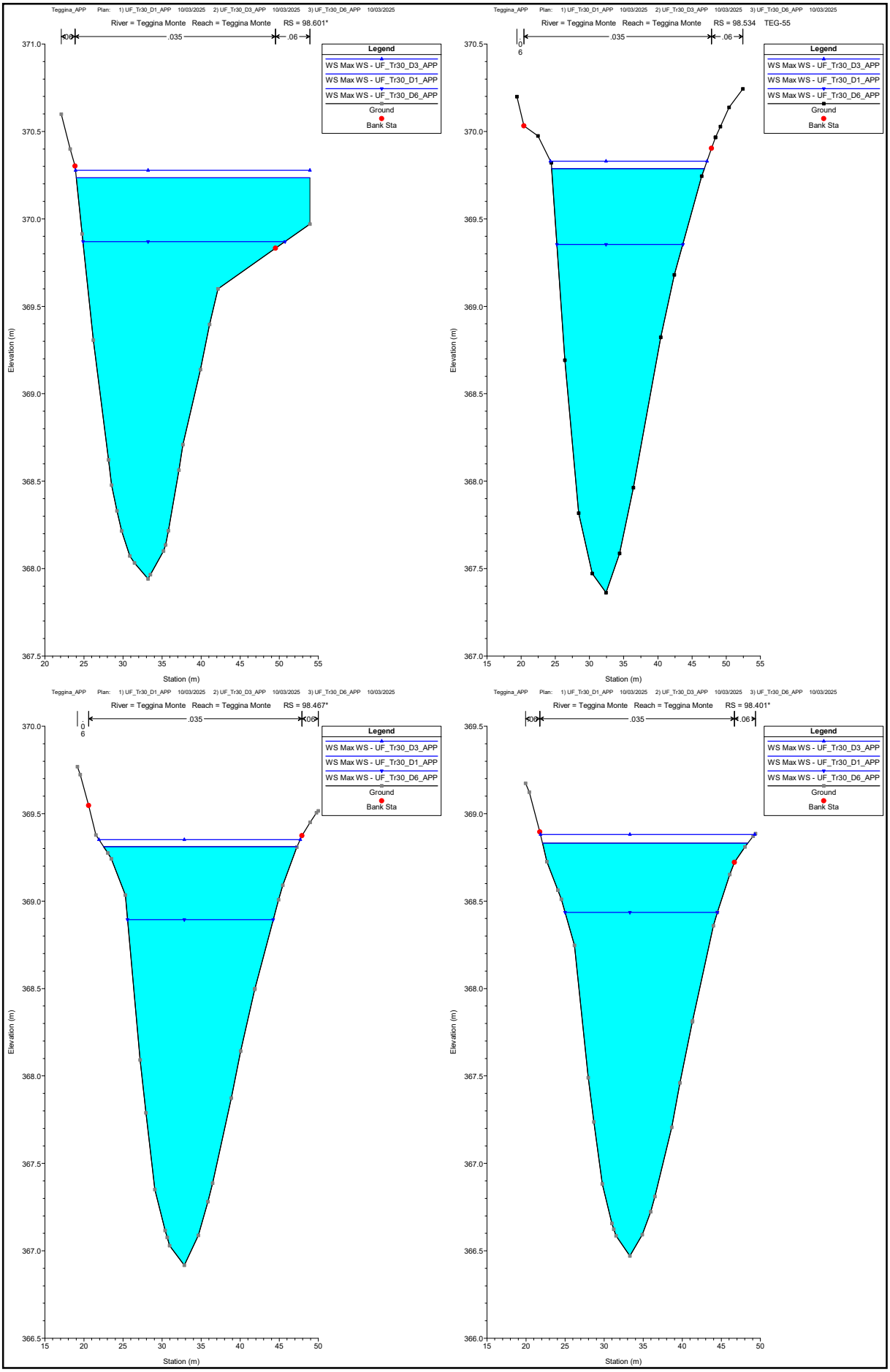
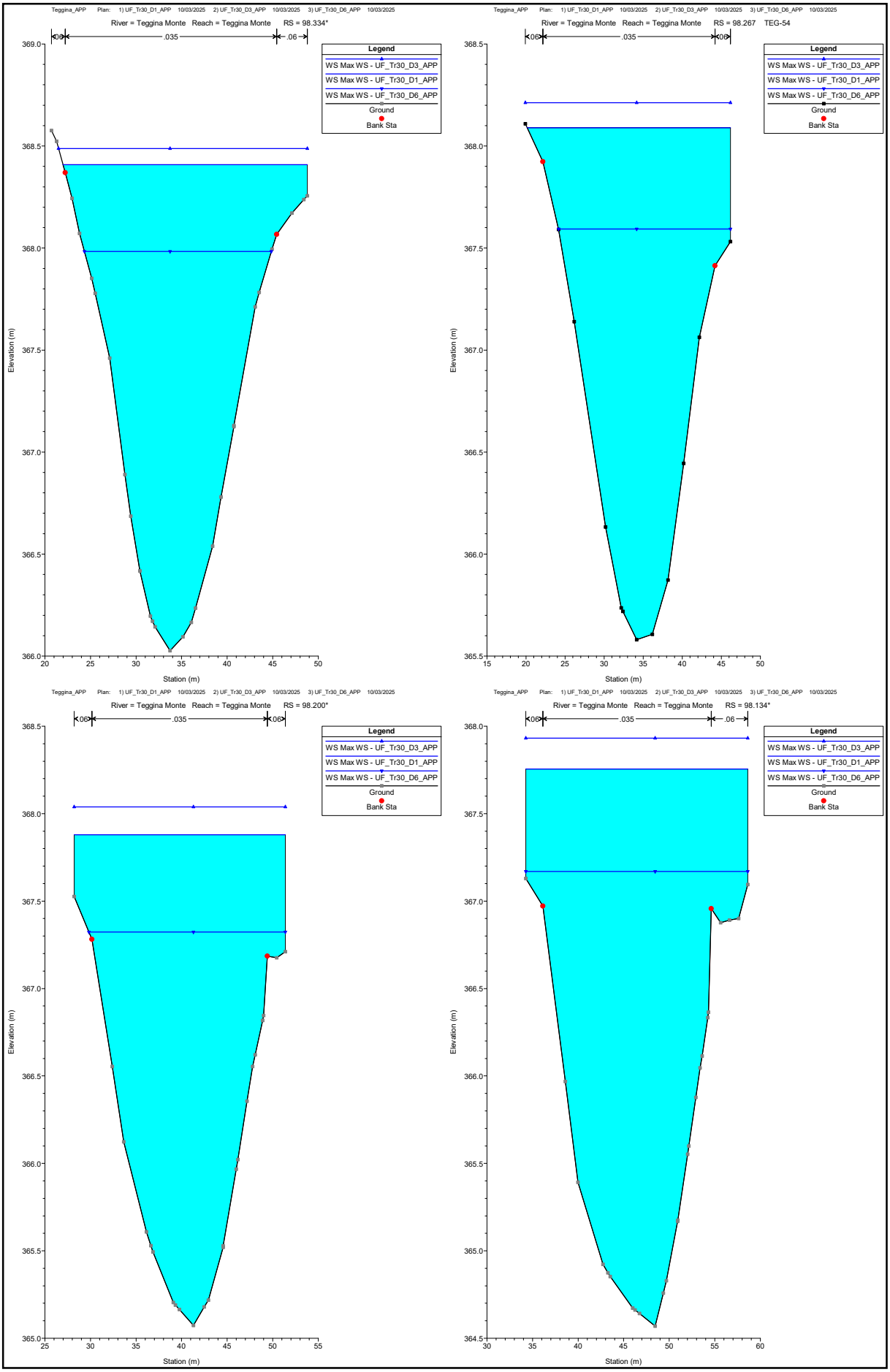
River = Teggina Monte Reach = Teggina Monte RS = 98.867*
.06
.035
.06
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Monte Reach = Teggina Monte RS = 98.801*
.06
.035
.06
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Monte Reach = Teggina Monte RS = 98.734 TEG-56
.06
.035
.06
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Monte Reach = Teggina Monte RS = 98.667*
.06
.035
.06
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)


Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Monte Reach = Teggina Monte RS = 98.601*
.035
.06
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Monte Reach = Teggina Monte RS = 98.534 TEG-55
.035
.06
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Monte Reach = Teggina Monte RS = 98.467*
.035
.06
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Monte Reach = Teggina Monte RS = 98.401*
.035
.06
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)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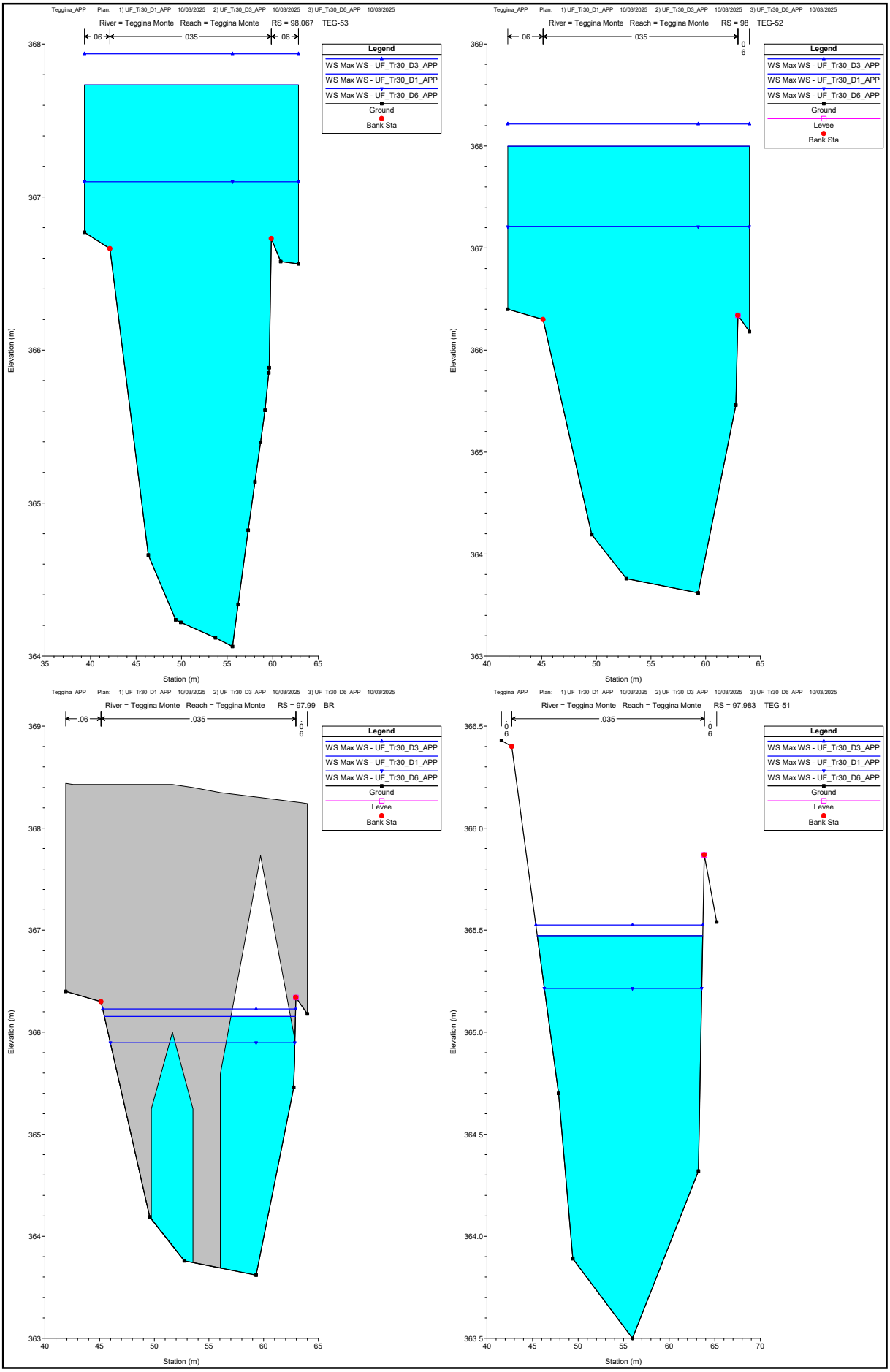
River = Teggina Monte Reach = Teggina Monte RS = 98.334*
.06
.035
.06
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Monte Reach = Teggina Monte RS = 98.267 TEG-54
.06
.035
.06
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Monte Reach = Teggina Monte RS = 98.200*
.06
.035
.06
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Monte Reach = Teggina Monte RS = 98.134*
.06
.035
.06
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)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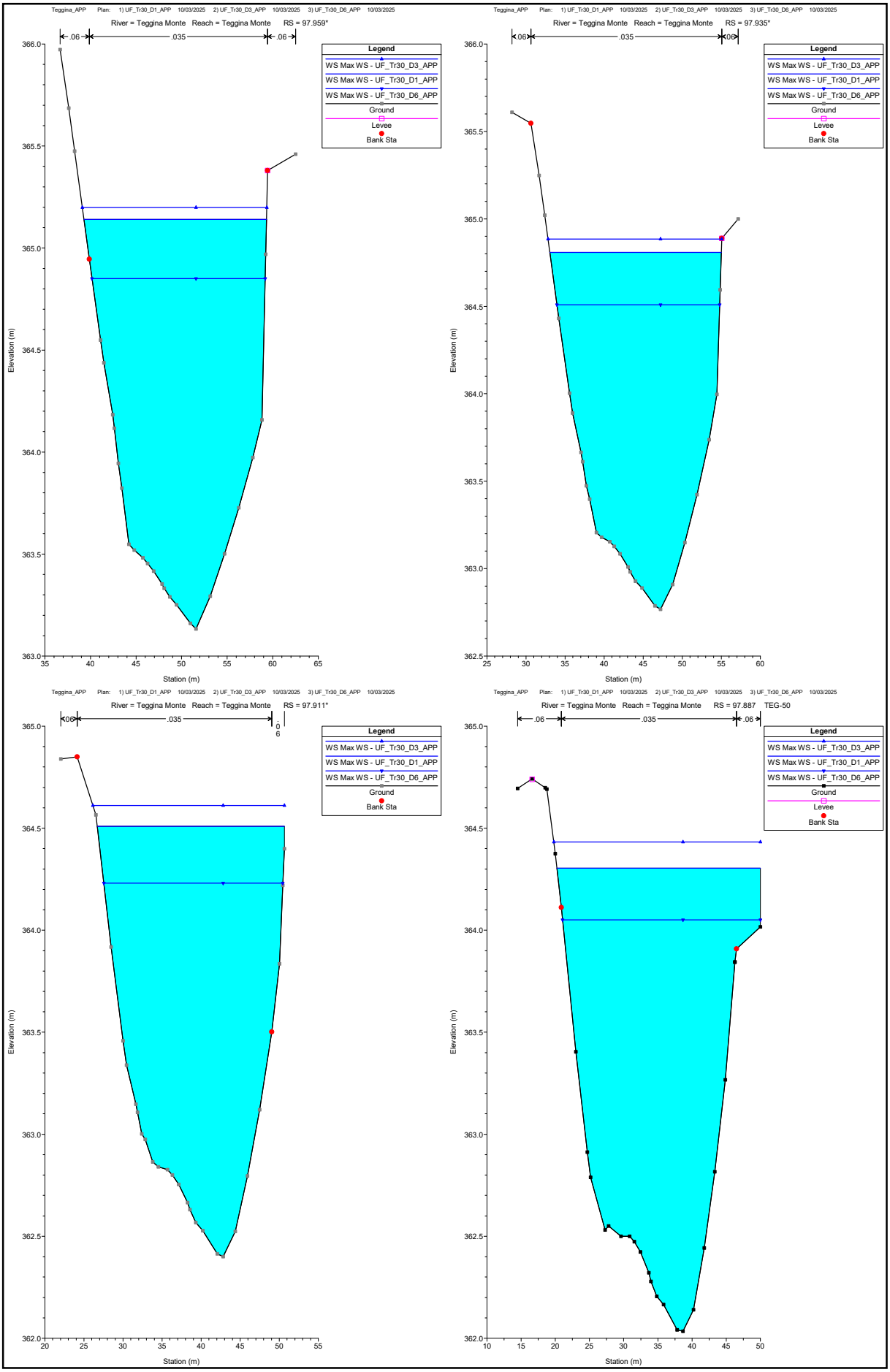
River = Teggina Monte Reach = Teggina Monte RS = 98.067 TEG-53
.06
.035
.06
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Monte Reach = Teggina Monte RS = 98 TEG-52
.06
.035
0.06
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Monte Reach = Teggina Monte RS = 97.99 BR
.06
.035
0.06
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Monte Reach = Teggina Monte RS = 97.983 TEG-51
0.06
.035
0.06
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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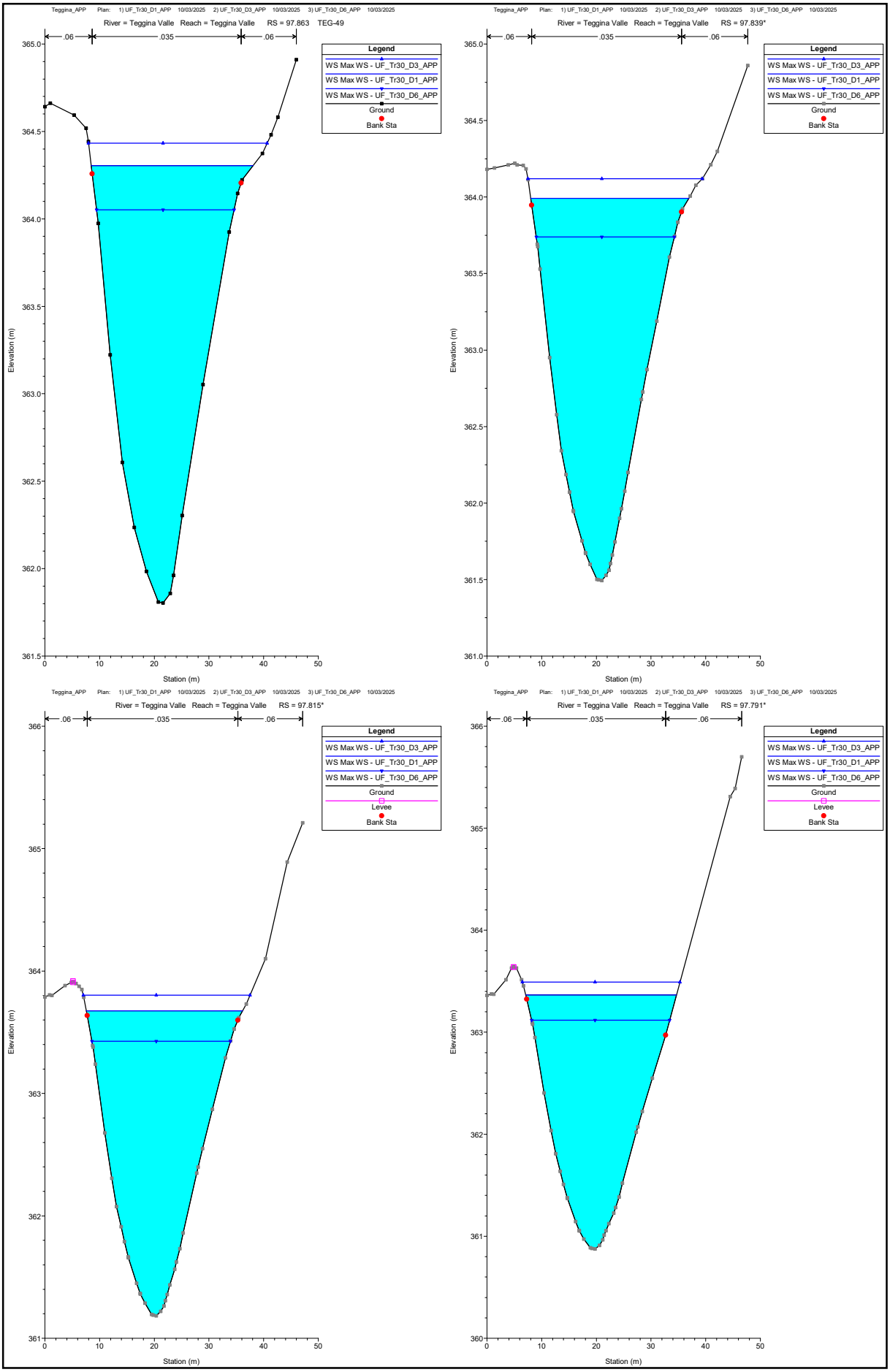
River = Teggina Monte Reach = Teggina Monte RS = 97.959*
.06
.035
.06
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Monte Reach = Teggina Monte RS = 97.935*
.06
.035
.06
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Monte Reach = Teggina Monte RS = 97.911*
.06
.035
.06
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Monte Reach = Teggina Monte RS = 97.887 TEG-50
.06
.035
.06
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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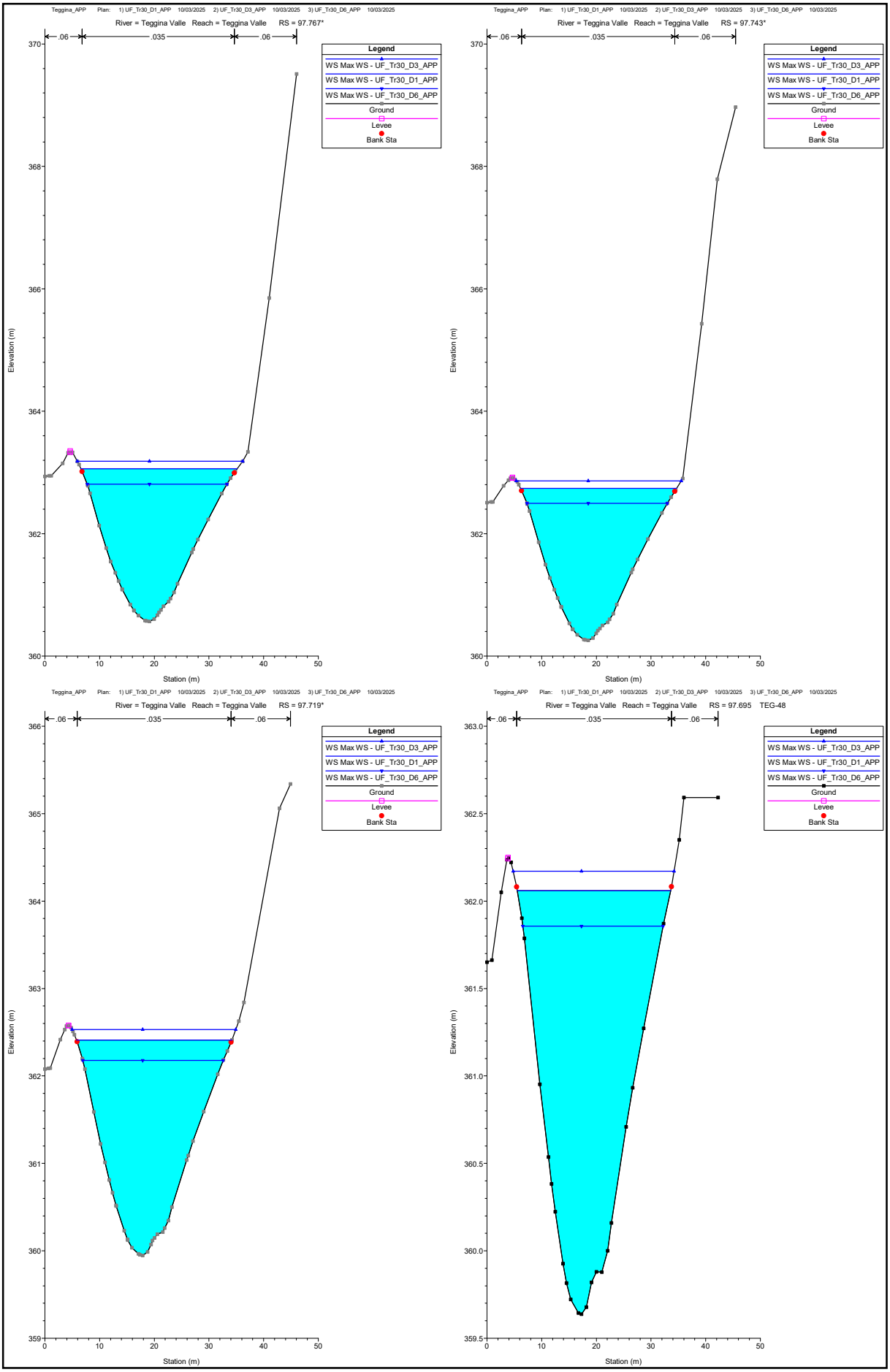
River = Teggina Valle Reach = Teggina Valle RS = 97.863 TEG-49
.06 .035 .06
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 97.839*
.06 .035 .06
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 97.815*
.06 .035 .06
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 97.791*
.06 .035 .06
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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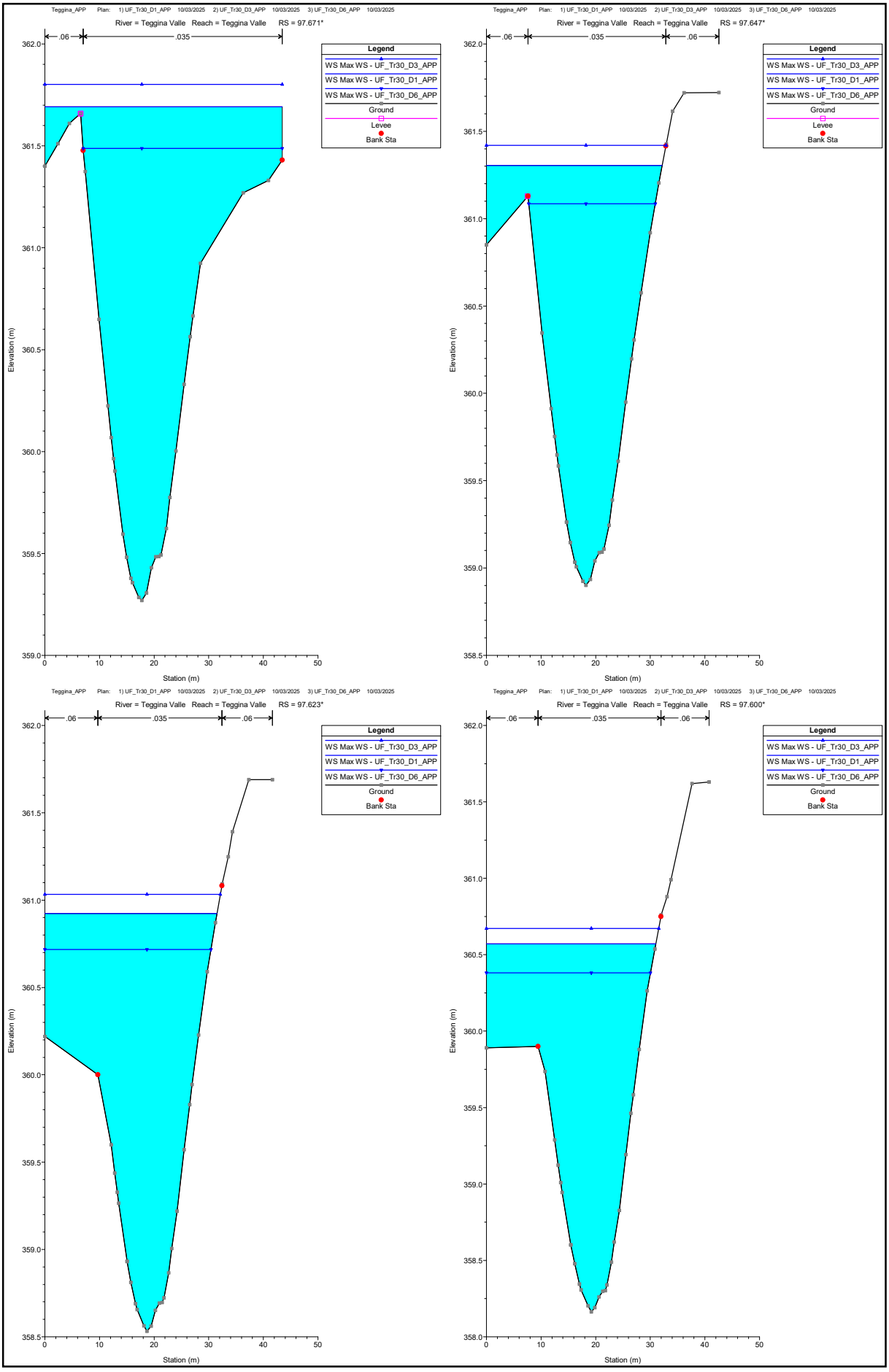
River = Teggina Valle Reach = Teggina Valle RS = 97.767*
.06
.035
.06
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 97.743*
.06
.035
.06
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 97.719*
.06
.035
.06
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 97.695 TEG-48
.06
.035
.06
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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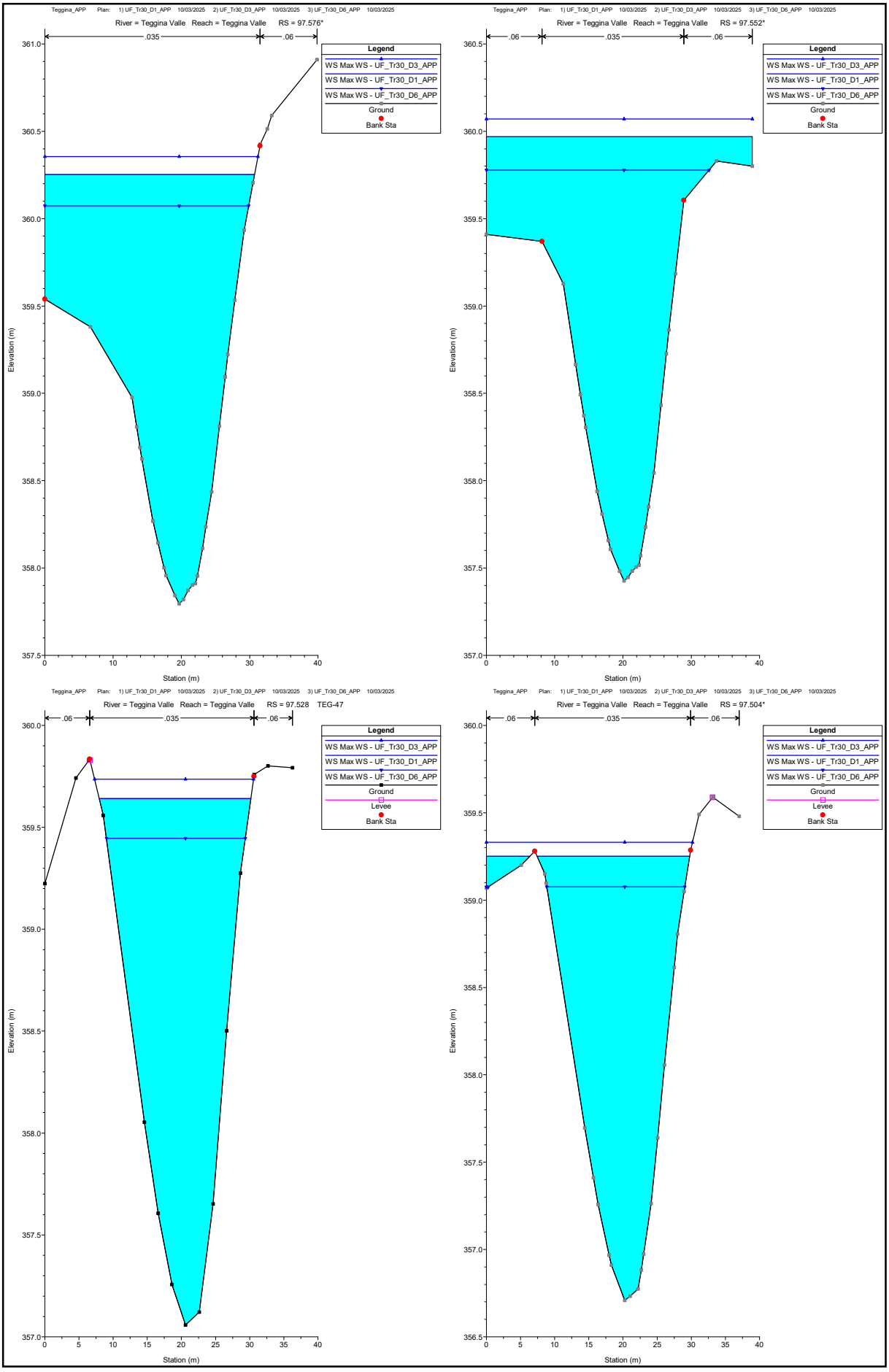
River = Teggina Valle Reach = Teggina Valle RS = 97.671*
.06
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 97.647*
.06
.035
.06
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 97.623*
.06
.035
.06
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 97.600*
.06
.035
.06
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)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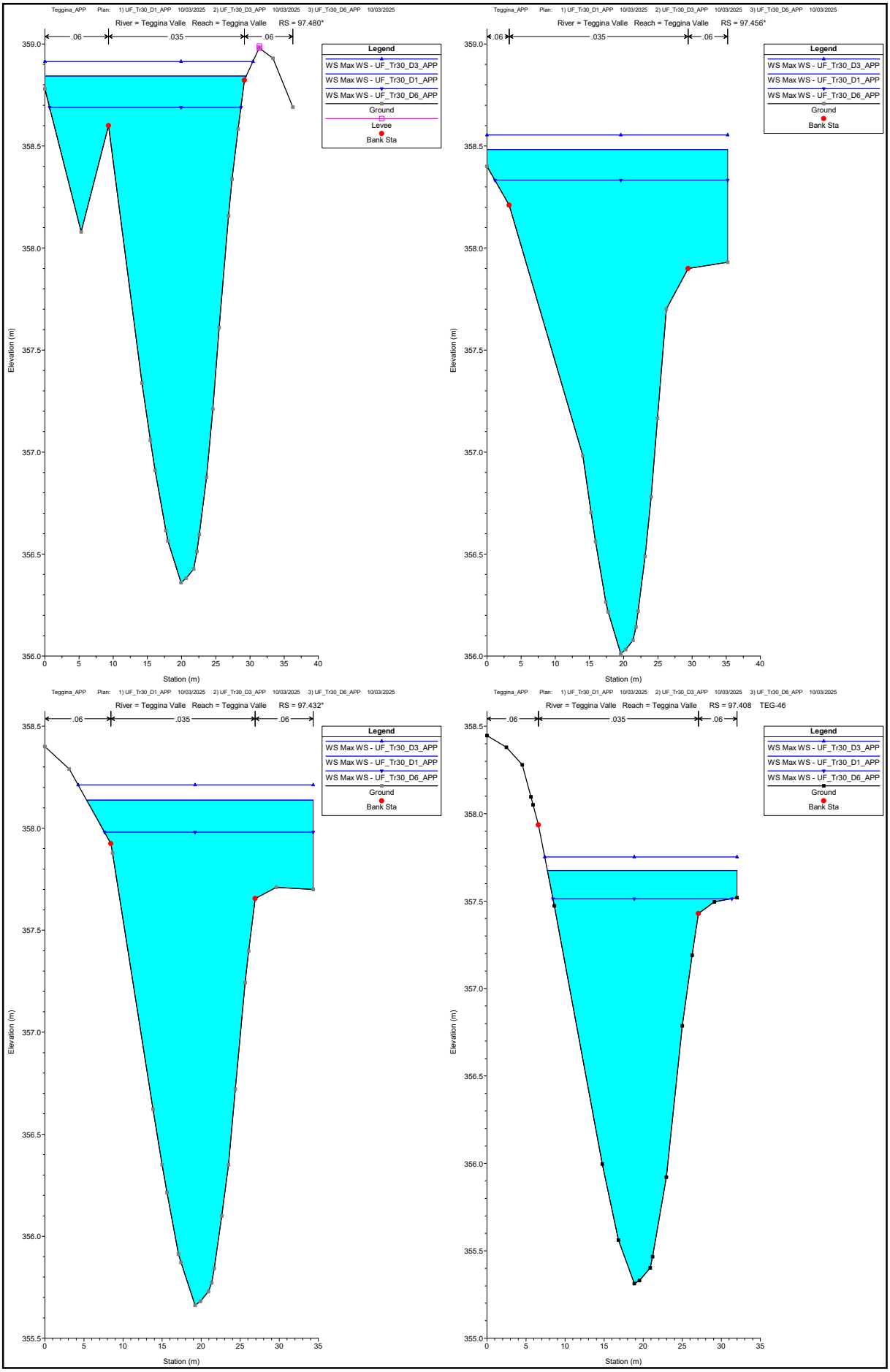
River = Teggina Valle Reach = Teggina Valle RS = 97.576*
.035
.06
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 97.552*
.06
.035
.06
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 97.528 TEG-47
.06
.035
.06
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 97.504*
.06
.035
.06
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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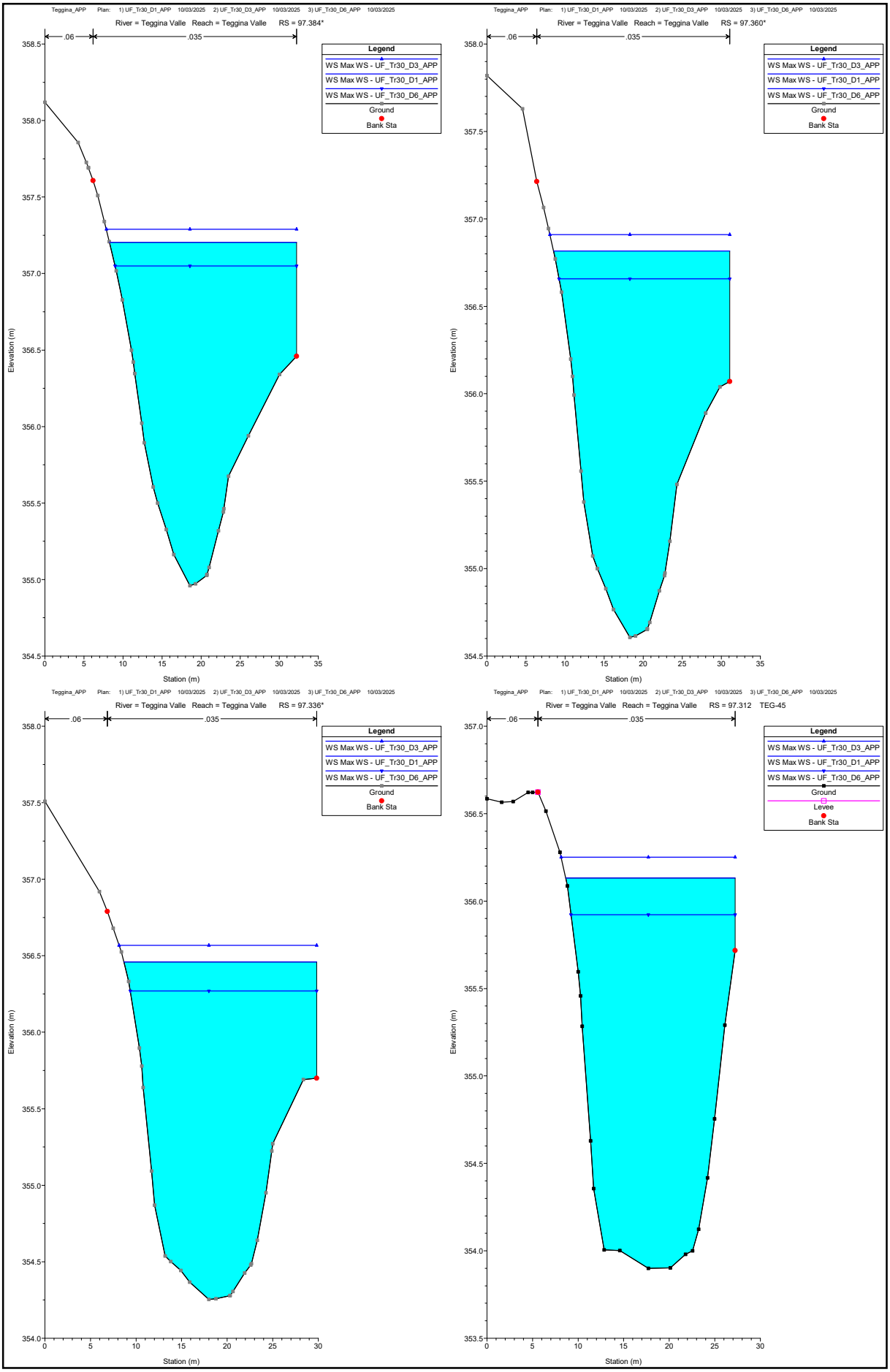
River = Teggina Valle Reach = Teggina Valle RS = 97.480*
.06
.035
.06
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 97.456*
.06
.035
.06
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 97.432*
.06
.035
.06
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 97.408 TEG-46
.06
.035
.06
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)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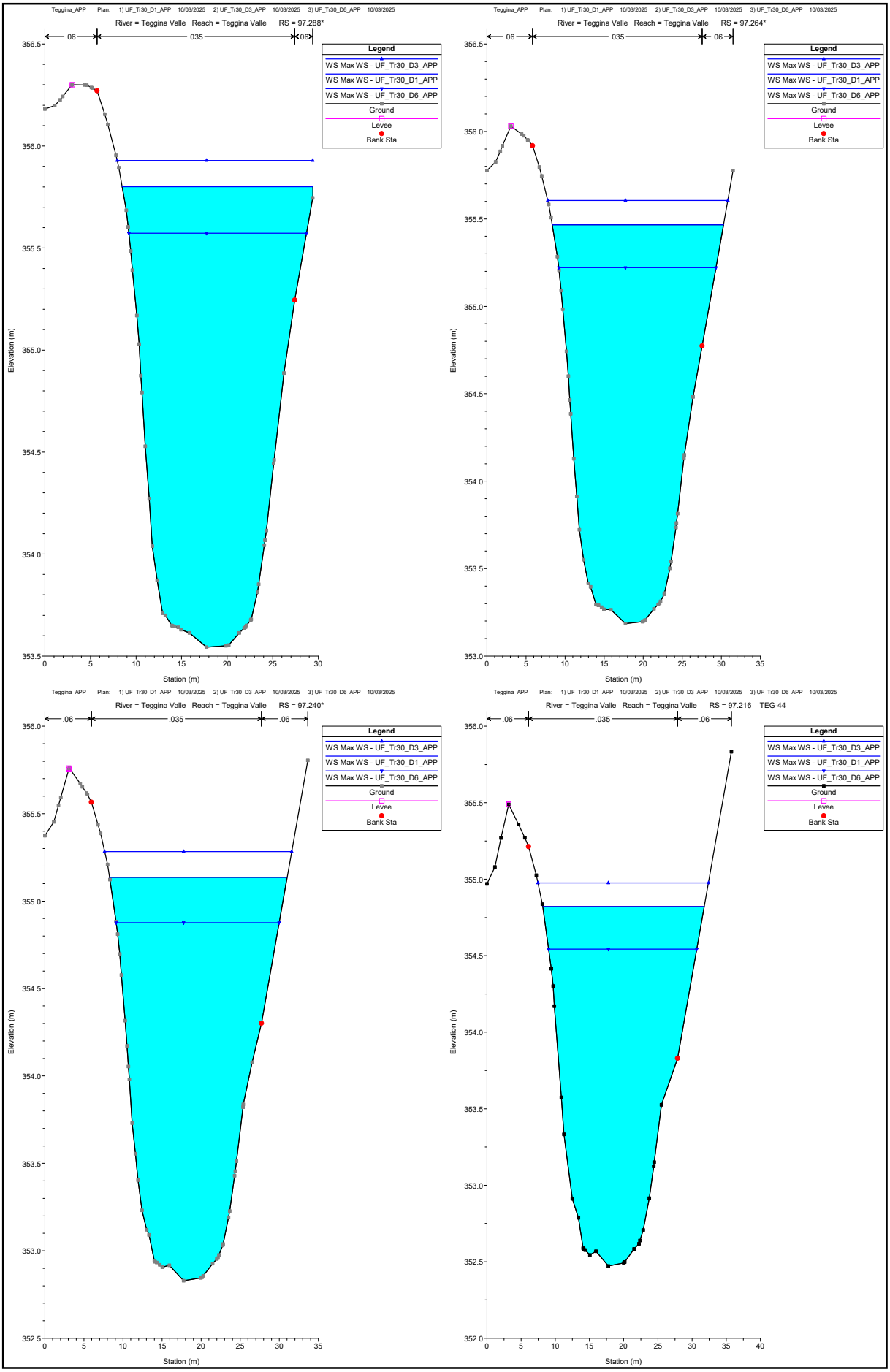
River = Teggina Valle Reach = Teggina Valle RS = 97.384*
.06
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 97.360*
.06
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 97.336*
.06
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 97.312 TEG-45
.06
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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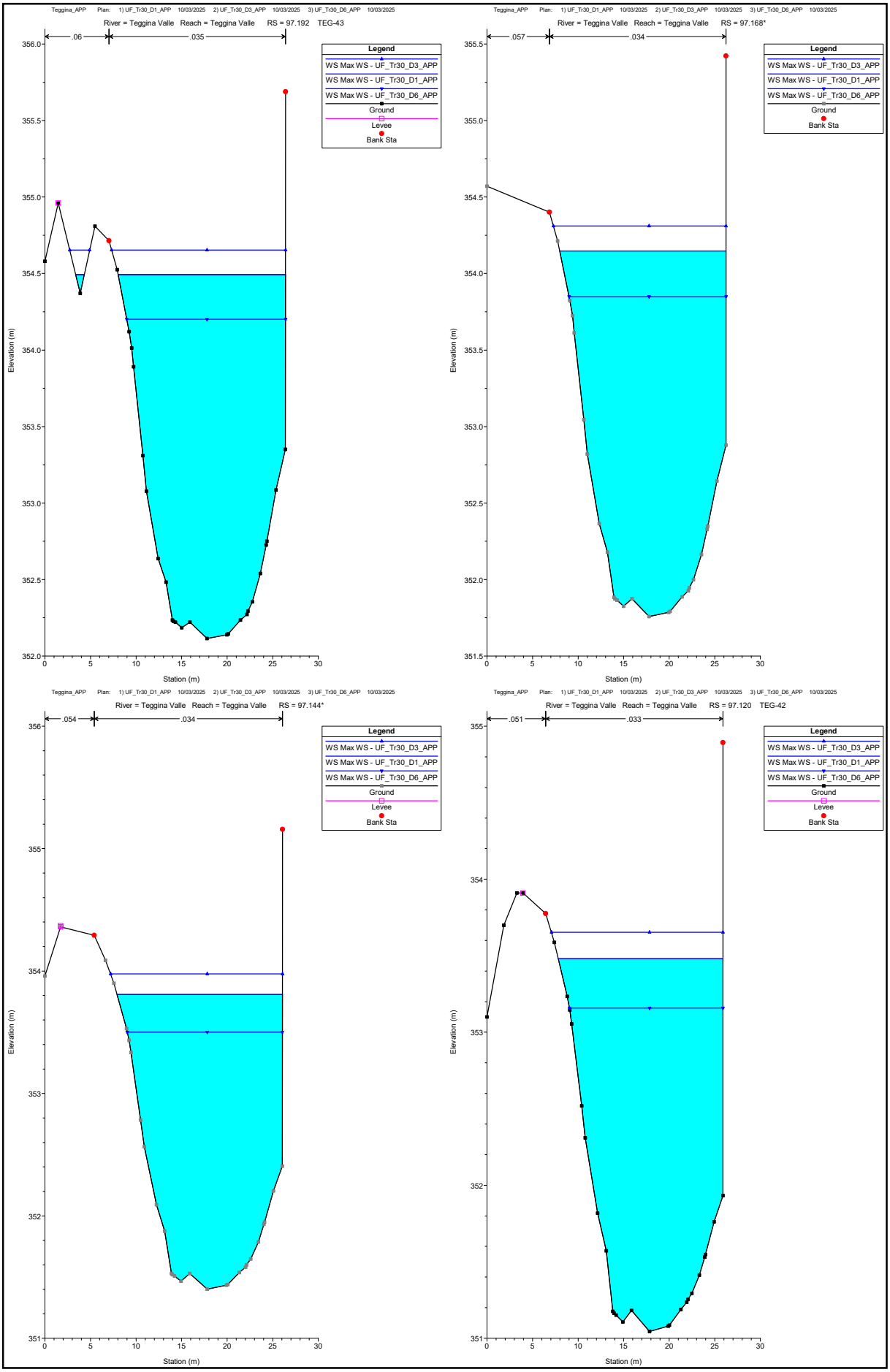
River = Teggina Valle Reach = Teggina Valle RS = 97.288*
.06
.035
.06
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 97.264*
.06
.035
.06
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 97.240*
.06
.035
.06
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 97.216 TEG-44
.06
.035
.06
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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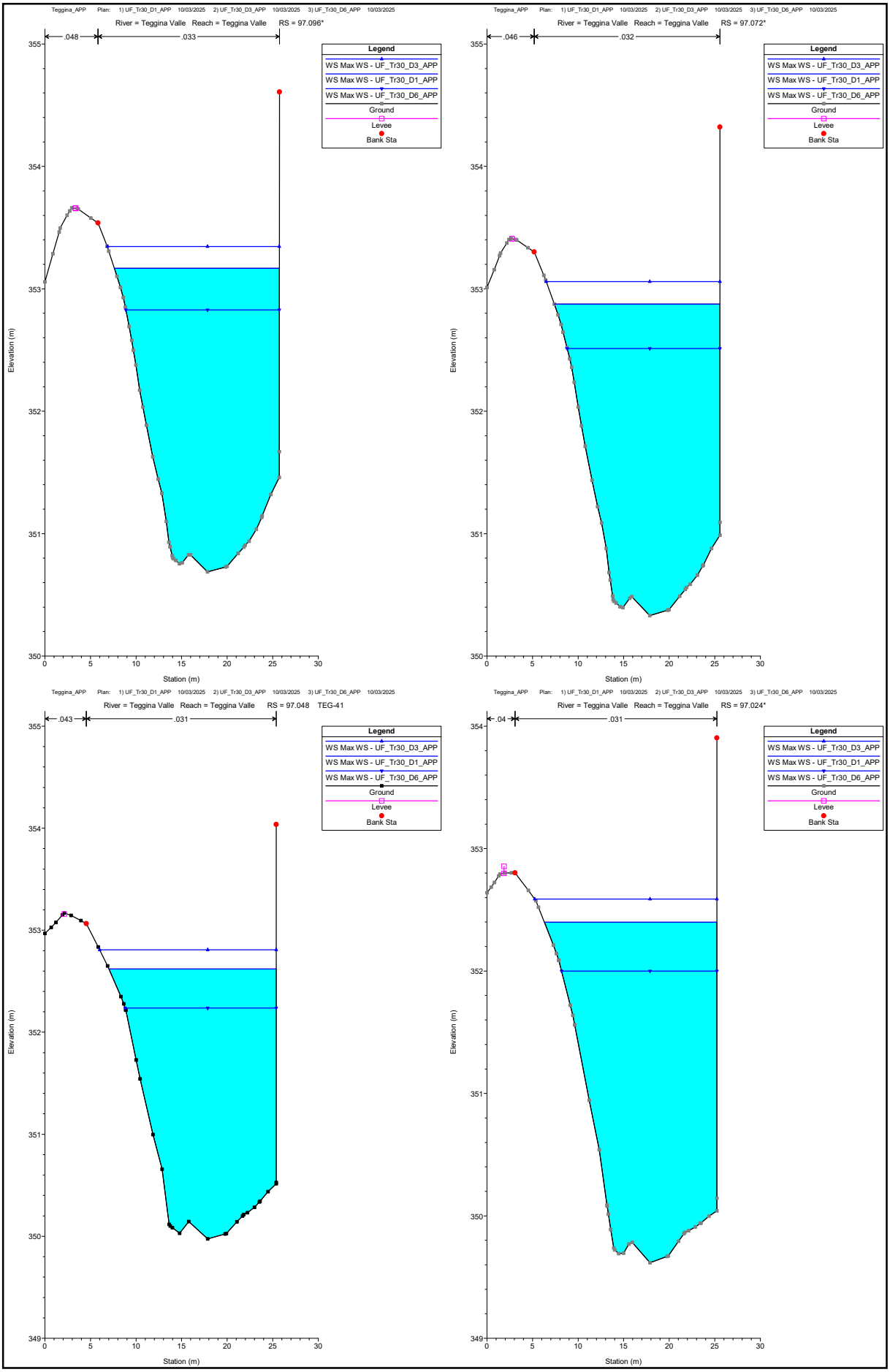
River = Teggina Valle Reach = Teggina Valle RS = 97.192 TEG-43
.06
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 97.168*
.057
.034
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 97.144*
.054
.034
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 97.120 TEG-42
.051
.033
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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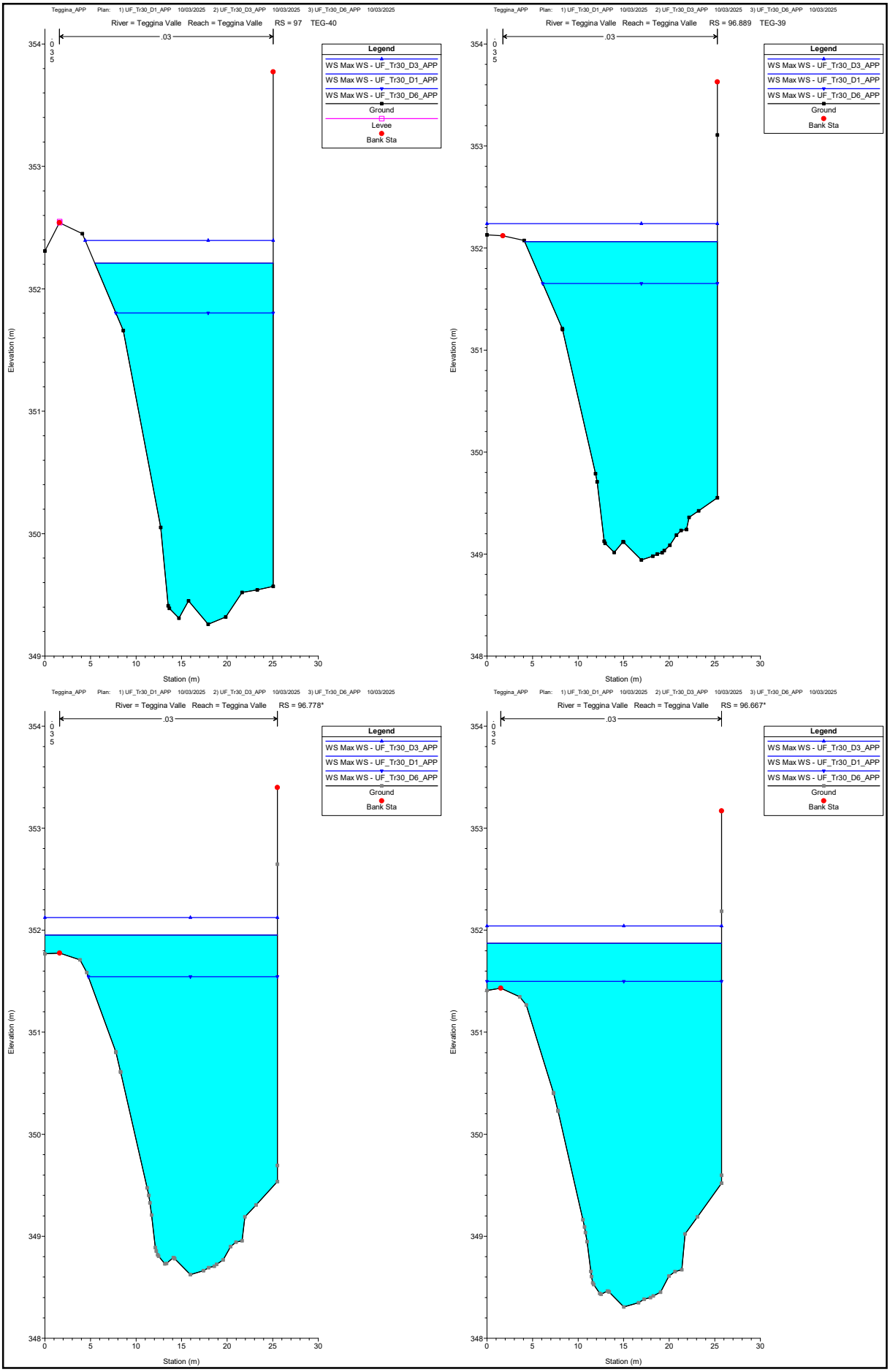
River = Teggina Valle Reach = Teggina Valle RS = 97.096*
.048
.033
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 97.072*
.046
.032
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 97.048 TEG-41
.043
.031
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 97.024*
.04
.031
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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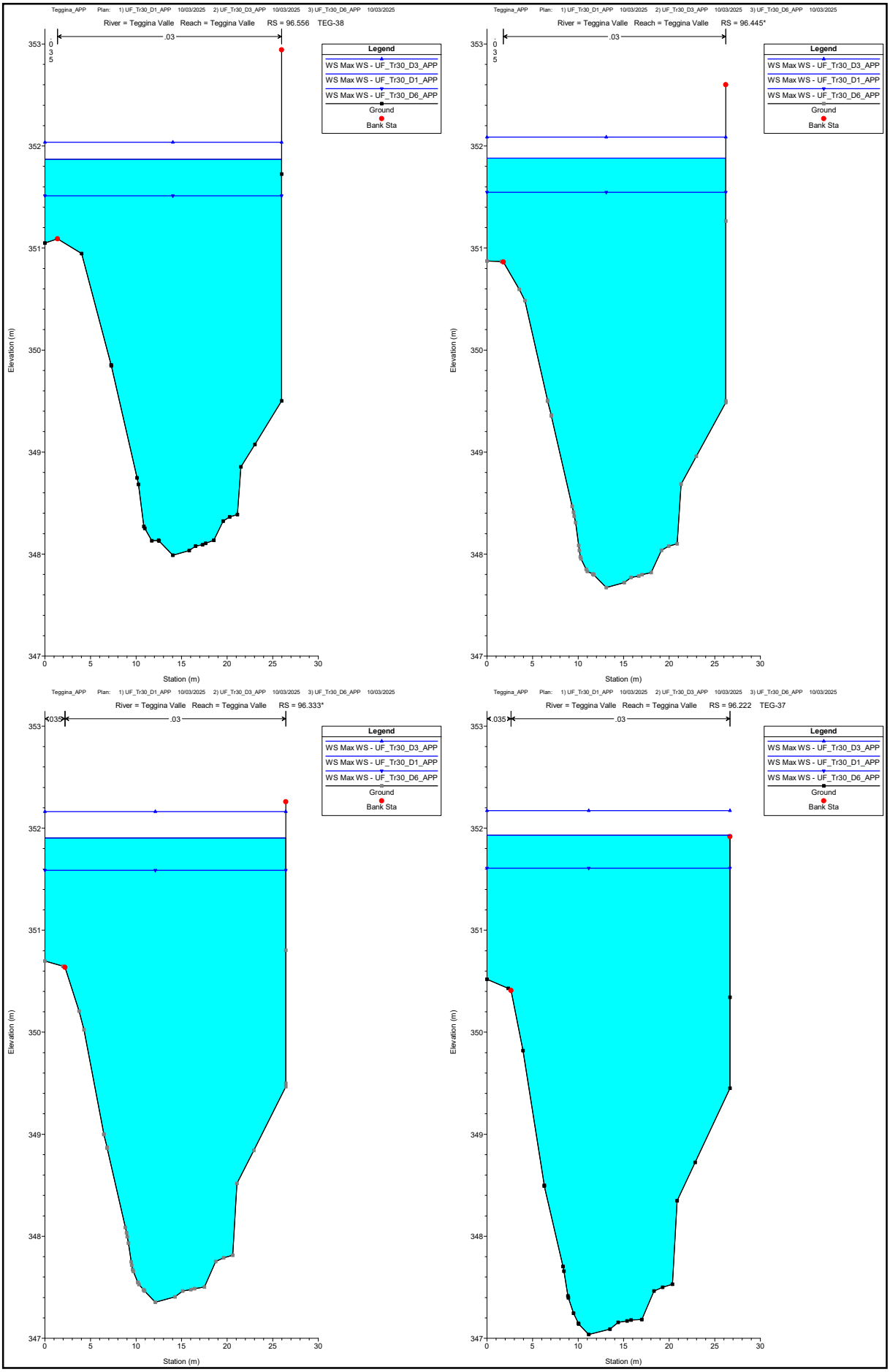
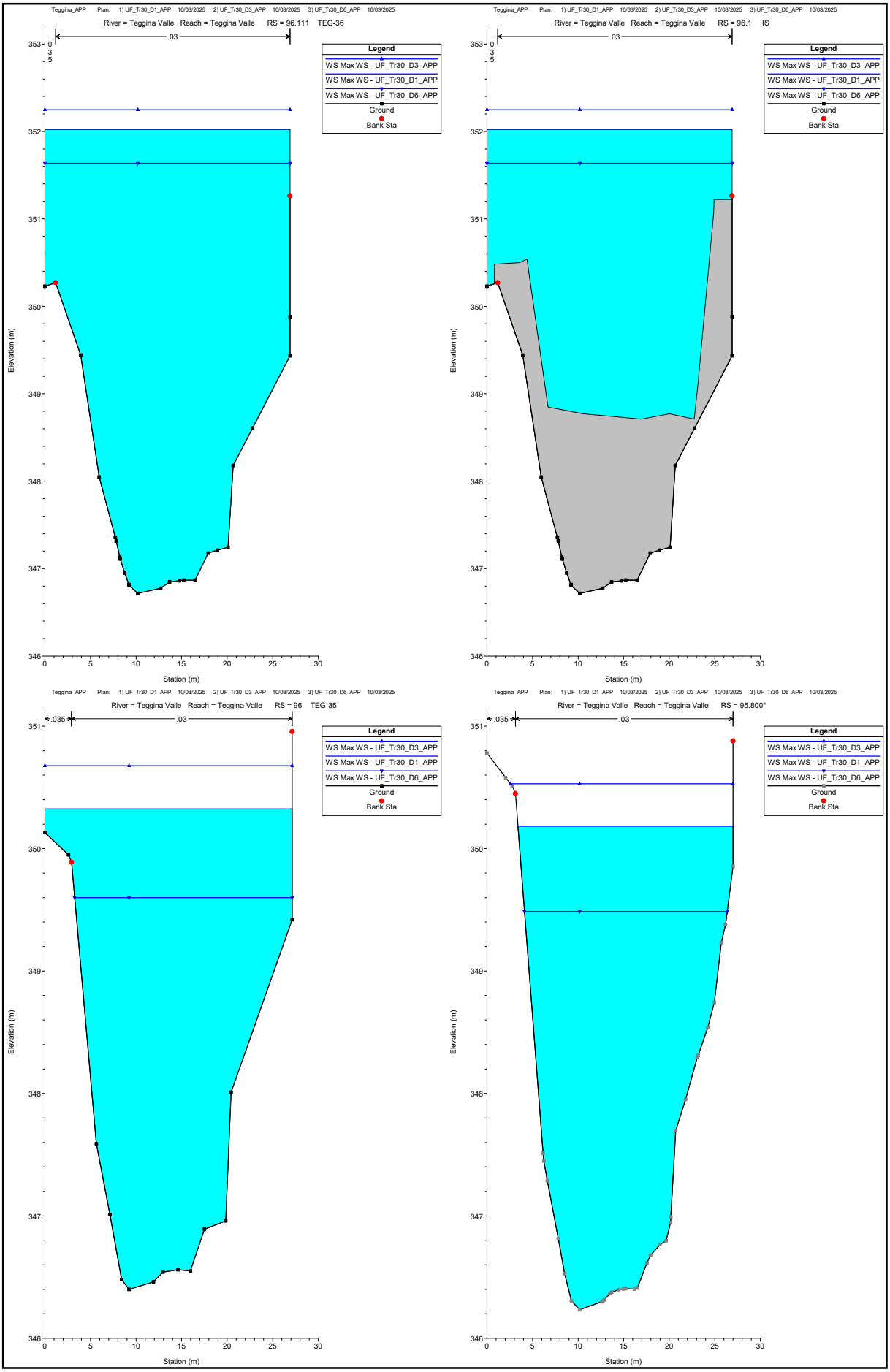
River = Teggina Valle Reach = Teggina Valle RS = 97 TEG-40
River = Teggina Valle Reach = Teggina Valle RS = 96.889 TEG-39
River = Teggina Valle Reach = Teggina Valle RS = 96.778*
River = Teggina Valle Reach = Teggina Valle RS = 96.667*
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)


Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 96.556 TEG-38
.03
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 96.445*
.03
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 96.333*
.035
.03
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 96.222 TEG-37
.035
.03
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)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River = Teggina Valle Reach = Teggina Valle RS = 96.111 TEG-36
.03
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 96.1 IS
.03
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 96 TEG-35
.035
.03
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 95.800*
.035
.03
Legend
WS Max WS - UF_Tr30_D3_APP
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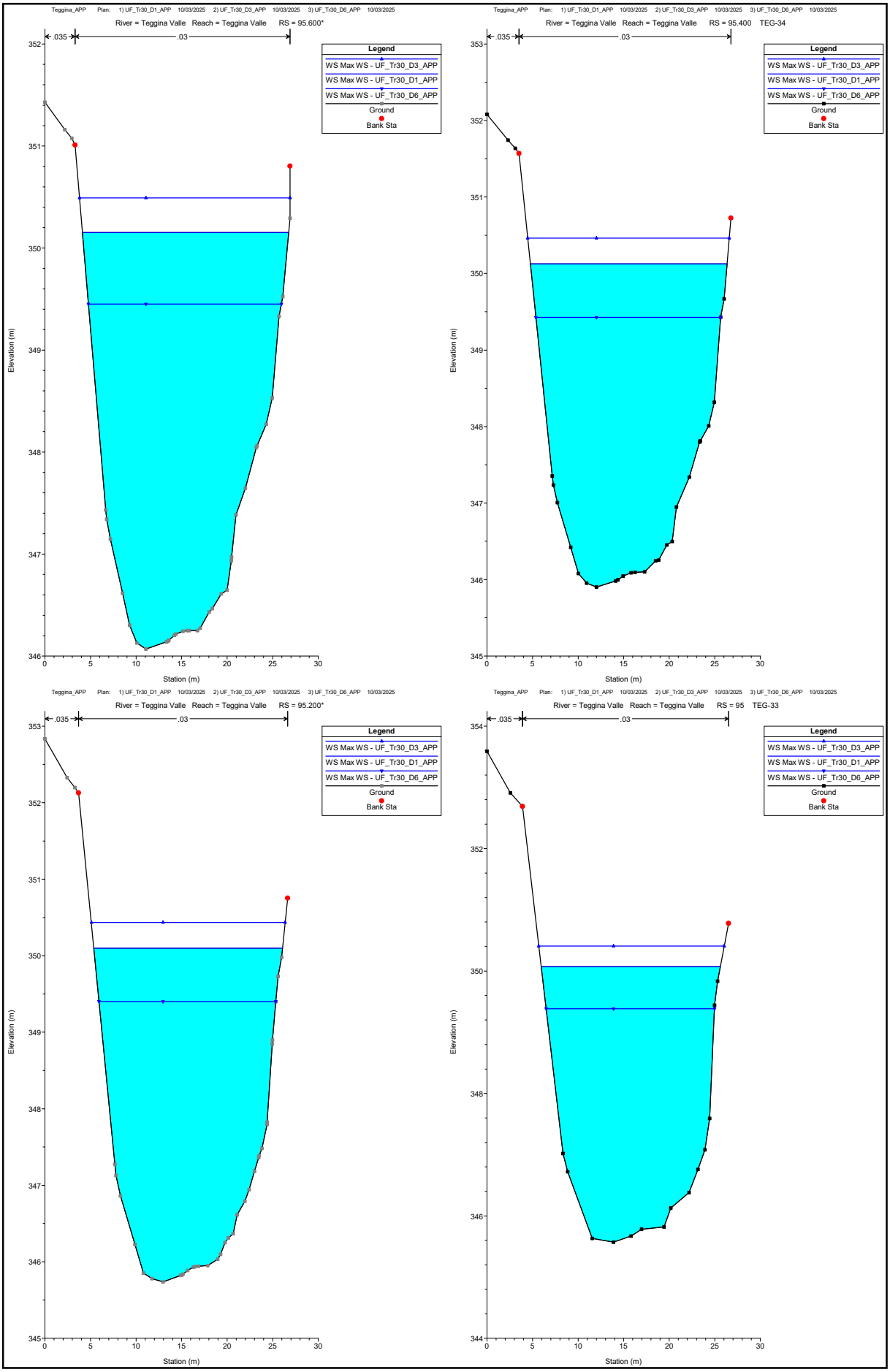
Ground
Bank Sta
Elevation (m)
Station (m)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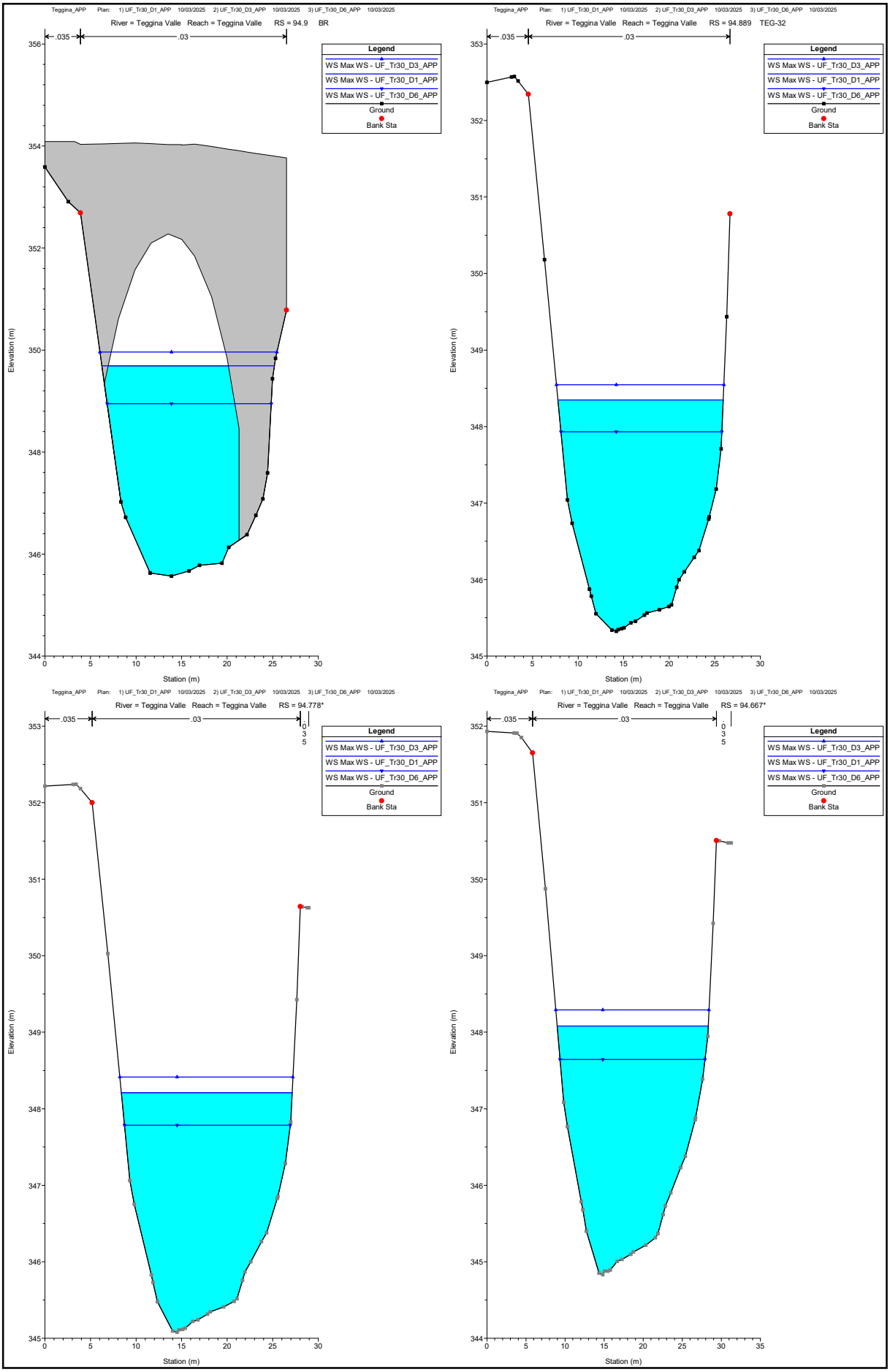
River = Teggina Valle Reach = Teggina Valle RS = 95.600*
.035
.03
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 95.400 TEG-34
.035
.03
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 95.200*
.035
.03
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 95 TEG-33
.035
.03
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)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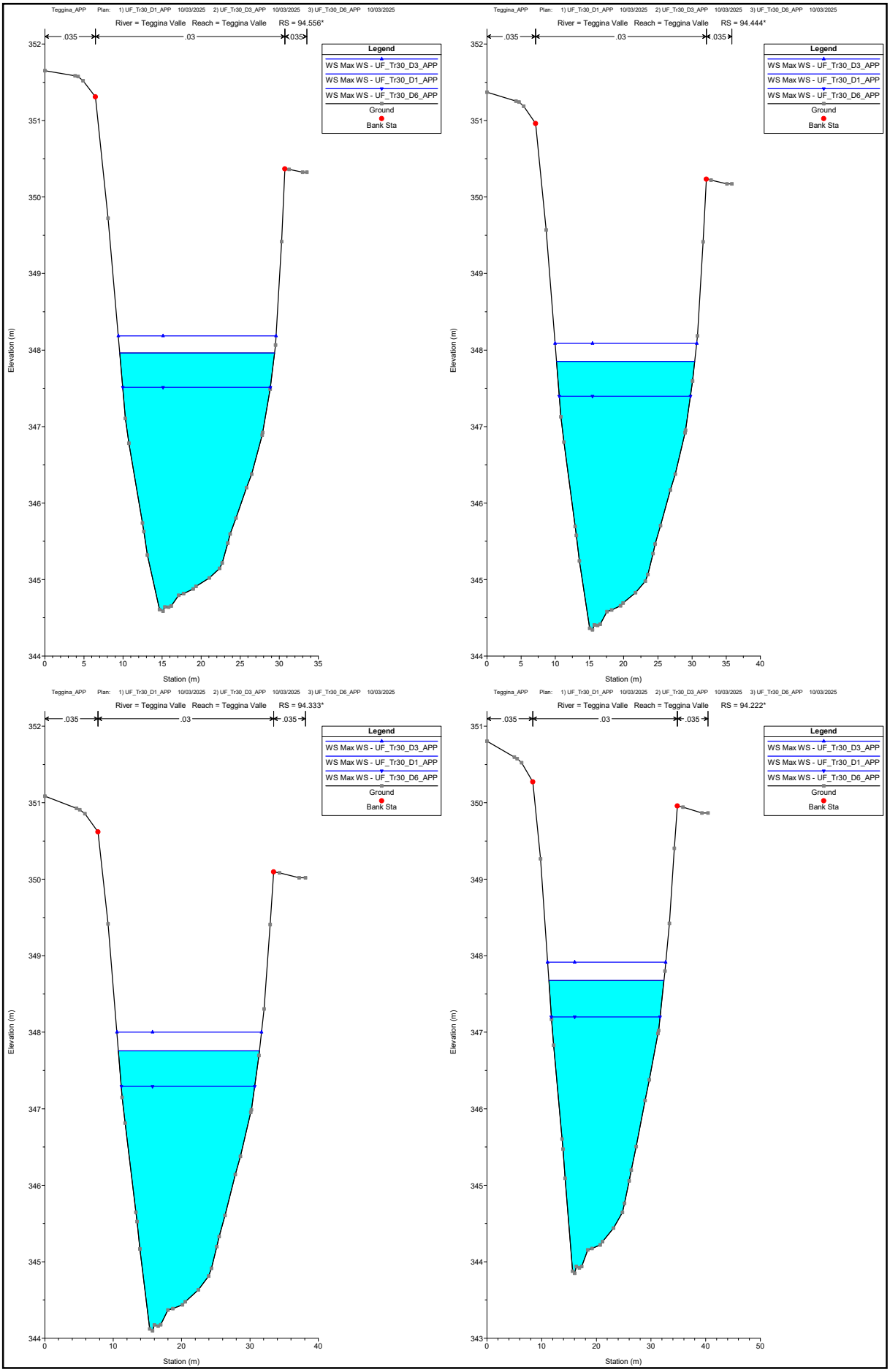
River = Teggina Valle Reach = Teggina Valle RS = 94.9 BR
.035
.03
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 94.889 TEG-32
.035
.03
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 94.778*
.035
.03
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 94.667*
.035
.03
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)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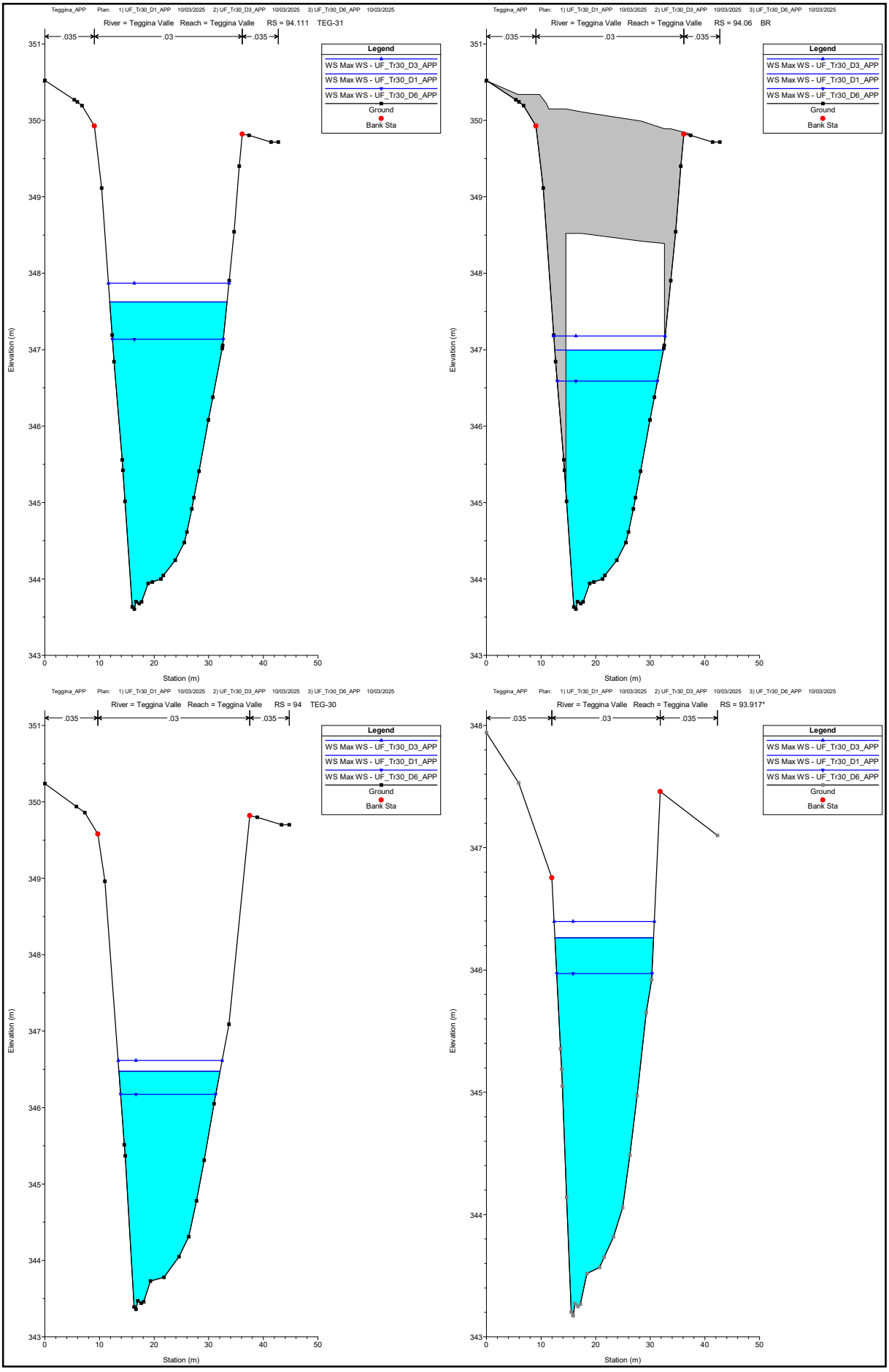
River = Teggina Valle Reach = Teggina Valle RS = 94.556*
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 94.444*
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 94.333*
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 94.222*
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)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River = Teggina Valle Reach = Teggina Valle RS = 94.111 TEG-31
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 94.06 BR
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 94 TEG-30
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 93.917*
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
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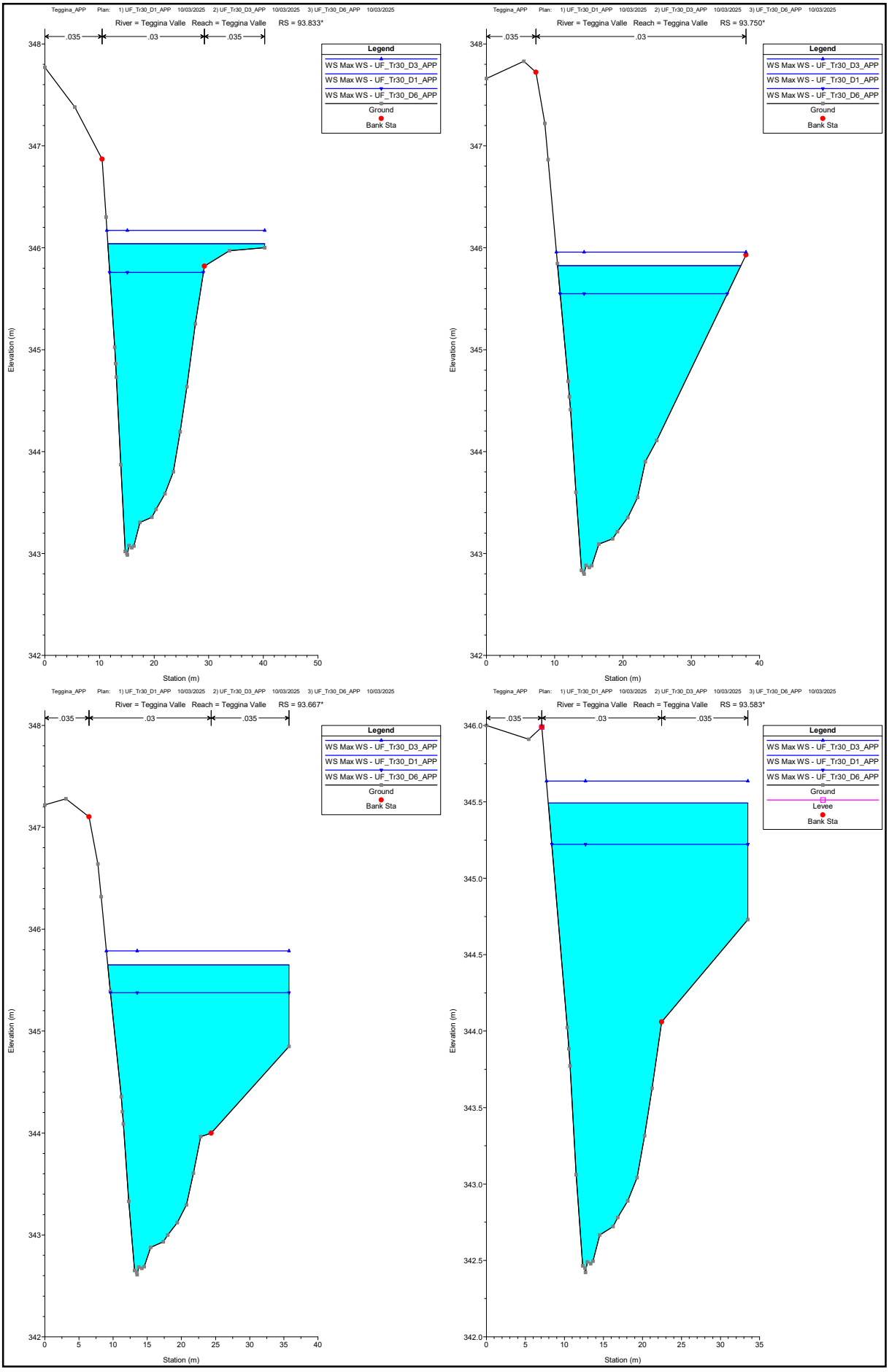
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)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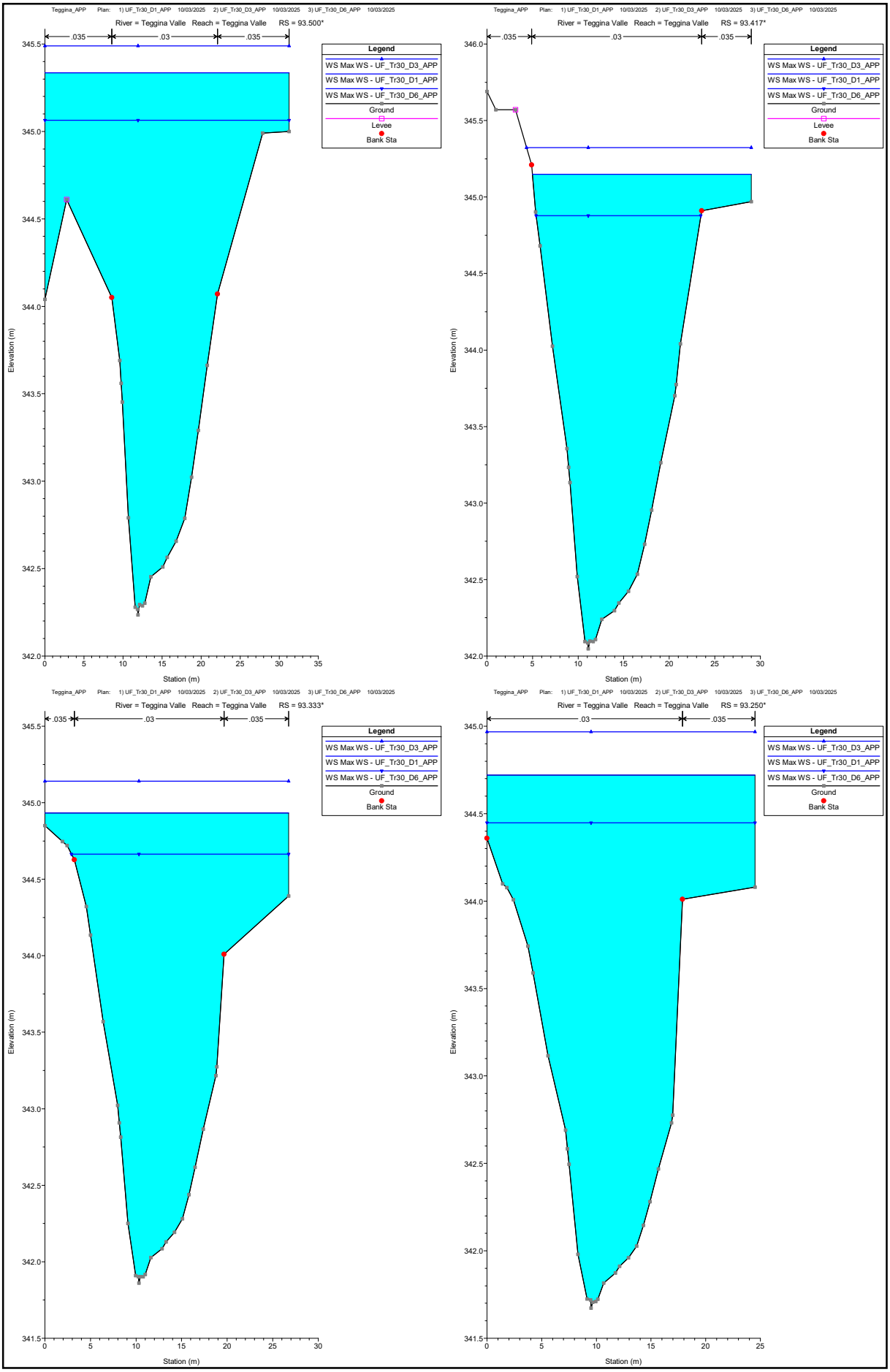
River = Teggina Valle Reach = Teggina Valle RS = 93.833*
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 93.750*
.035
.03
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 93.667*
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 93.583*
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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River = Teggina Valle Reach = Teggina Valle RS = 93.500*
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 93.417*
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 93.333*
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 93.250*
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
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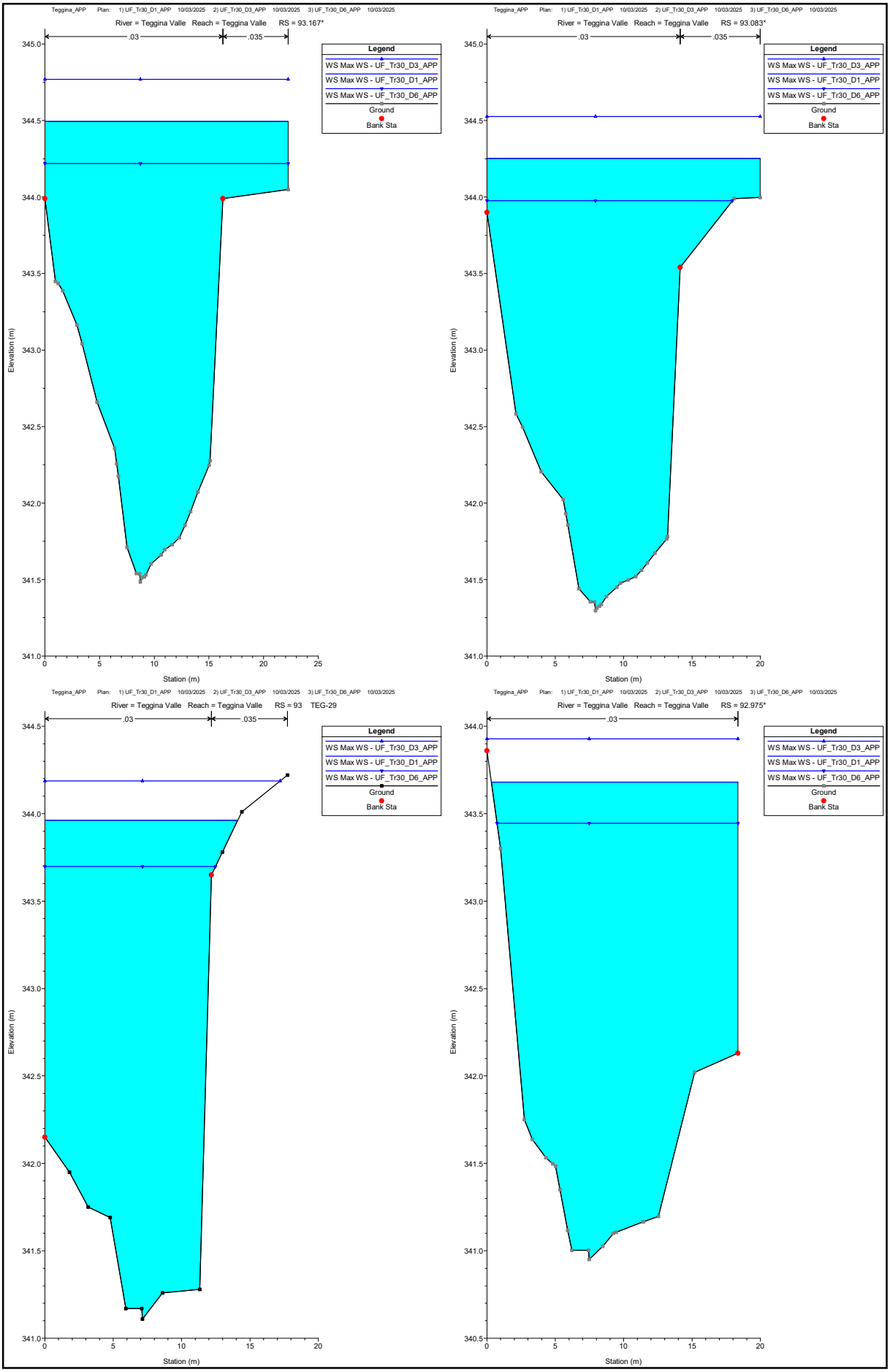
Ground
Bank Sta
Elevation (m)
Station (m)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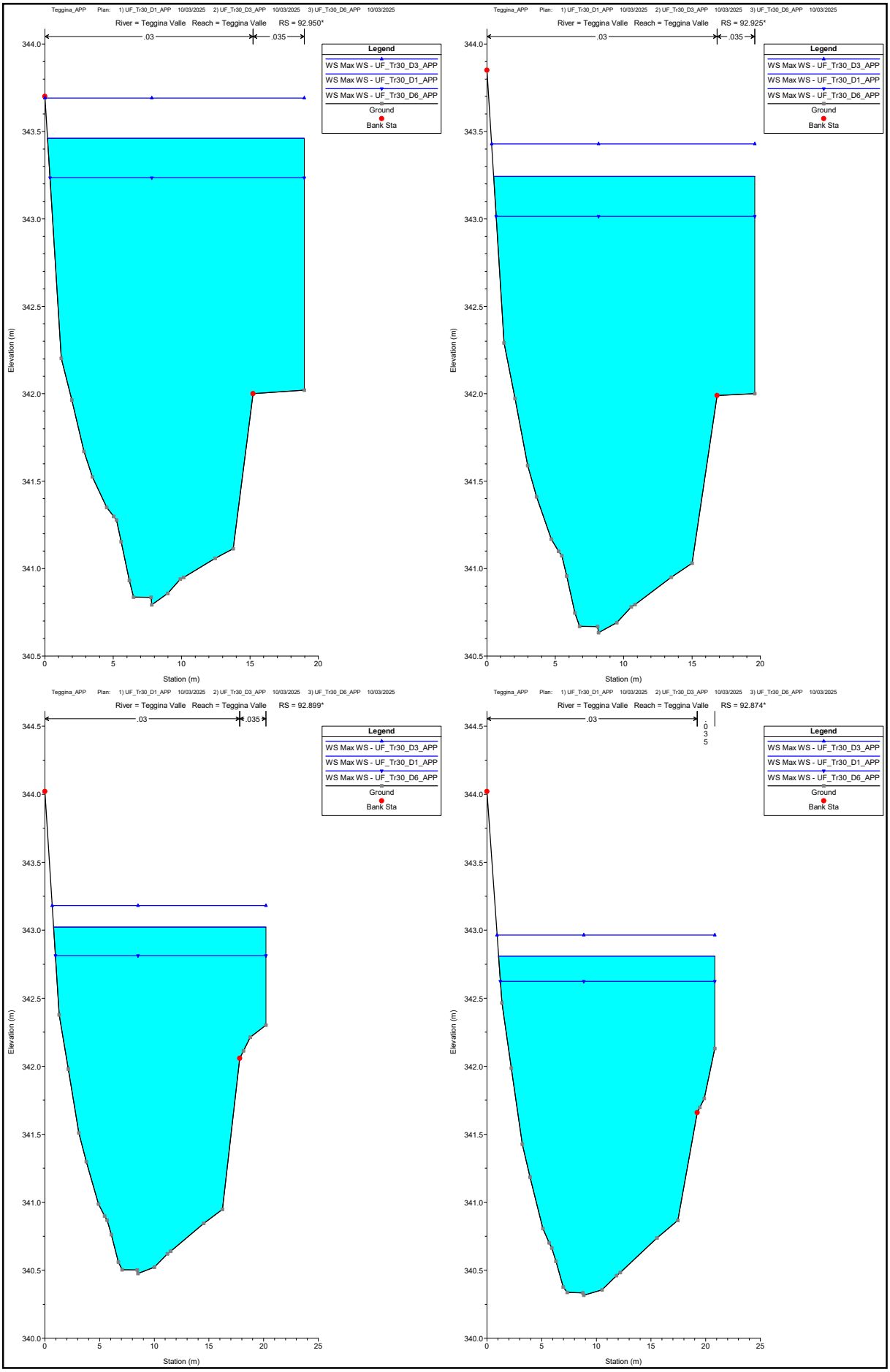
River = Teggina Valle Reach = Teggina Valle RS = 93.167*
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 93.083*
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 93 TEG-29
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 92.975*
.03
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)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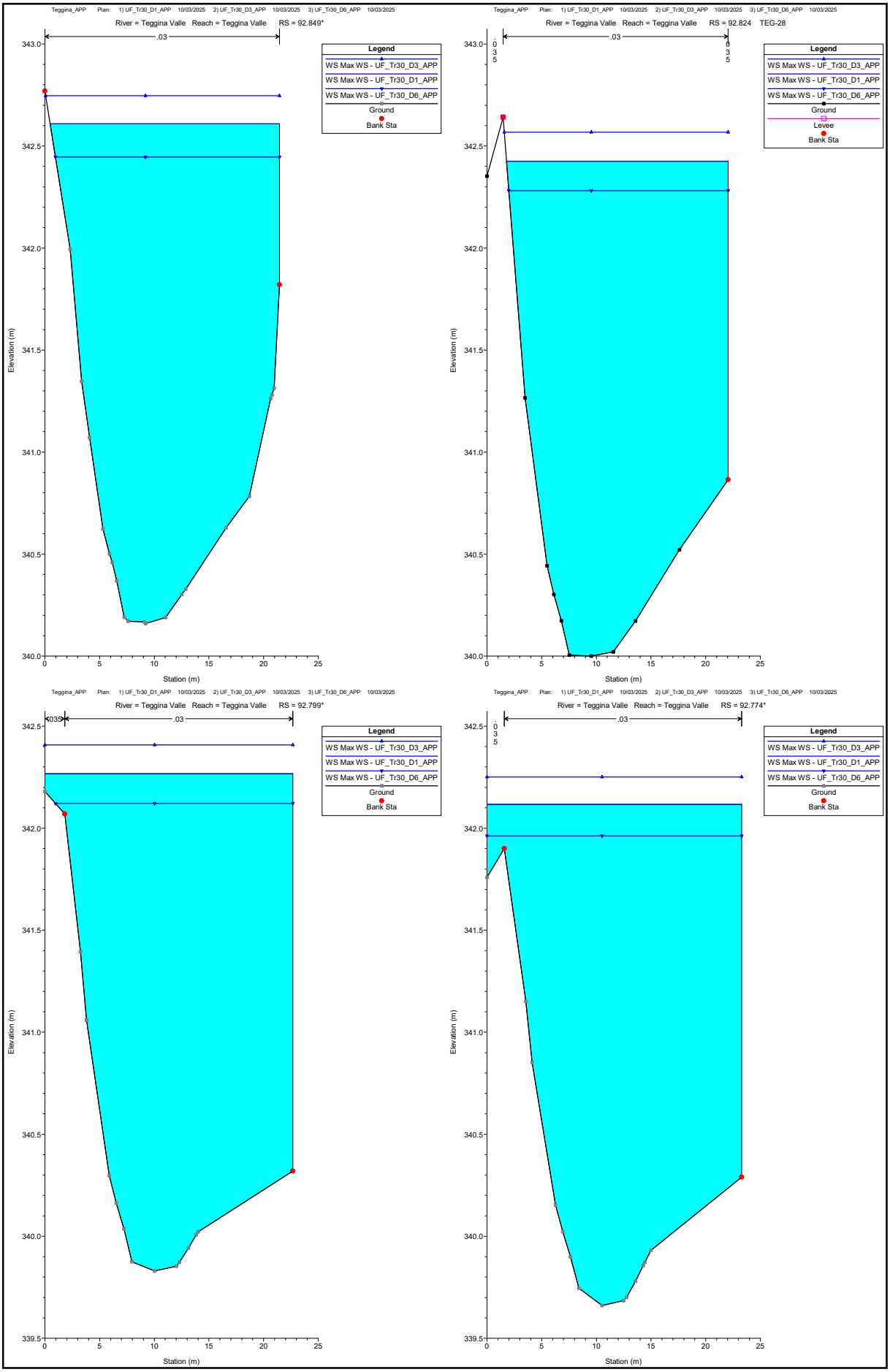
River = Teggina Valle Reach = Teggina Valle RS = 92.950*
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 92.925*
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 92.899*
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 92.874*
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)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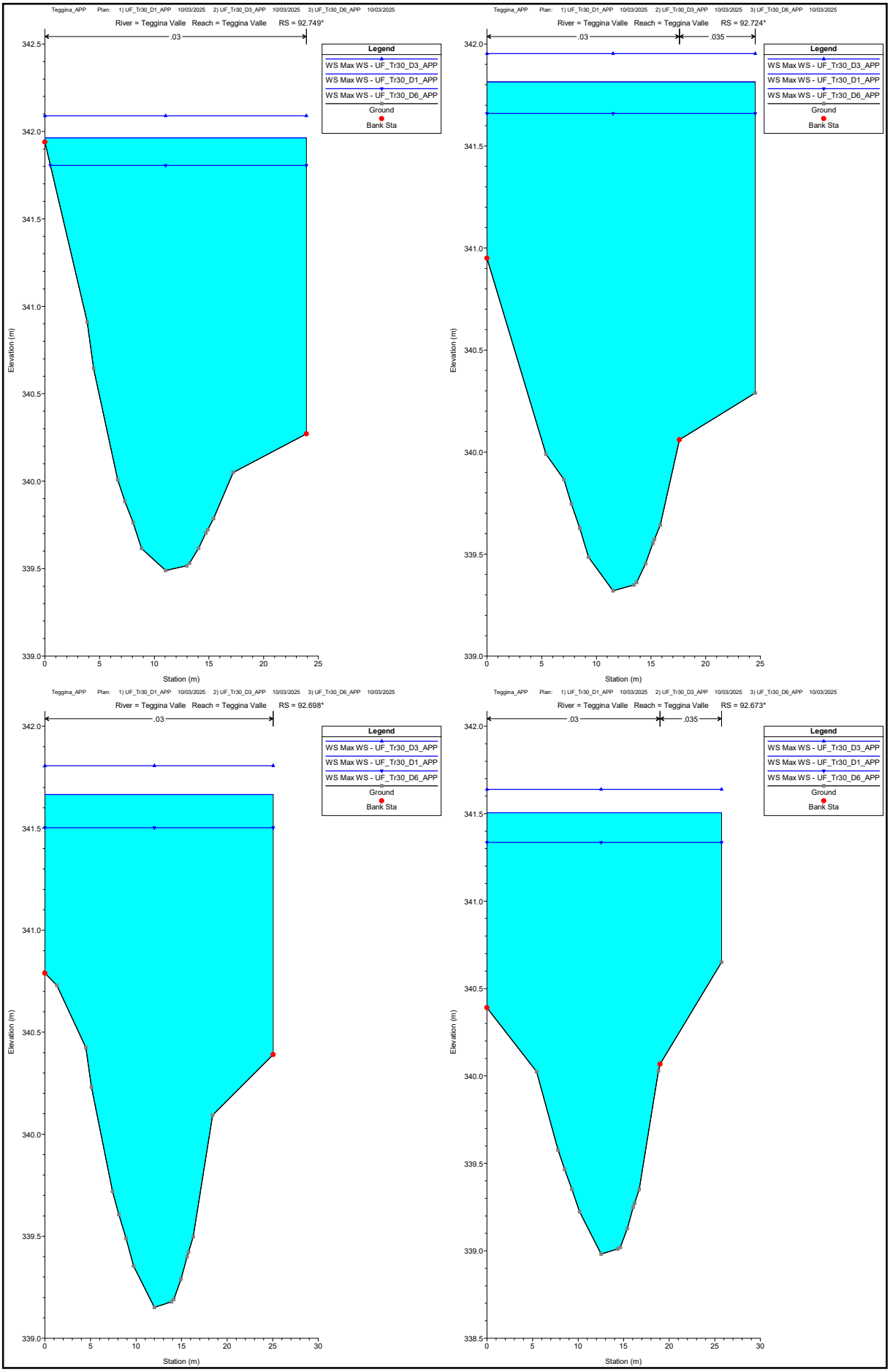
River = Teggina Valle Reach = Teggina Valle RS = 92.849*
.03
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 92.824 TEG-28
.03
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 92.799*
.035
.03
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 92.774*
.03
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)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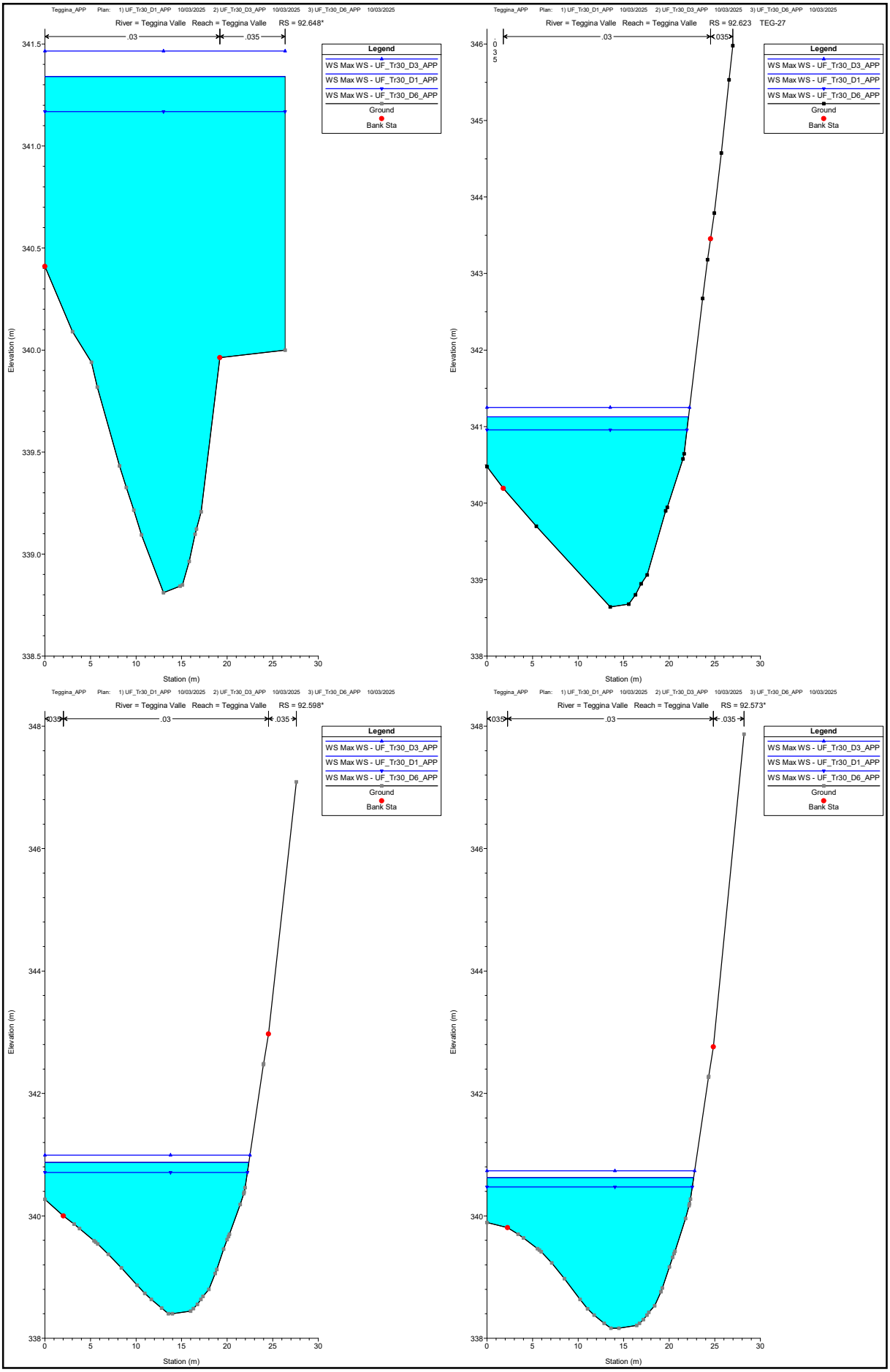
River = Teggina Valle Reach = Teggina Valle RS = 92.749*
.03
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 92.724*
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 92.698*
.03
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 92.673*
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)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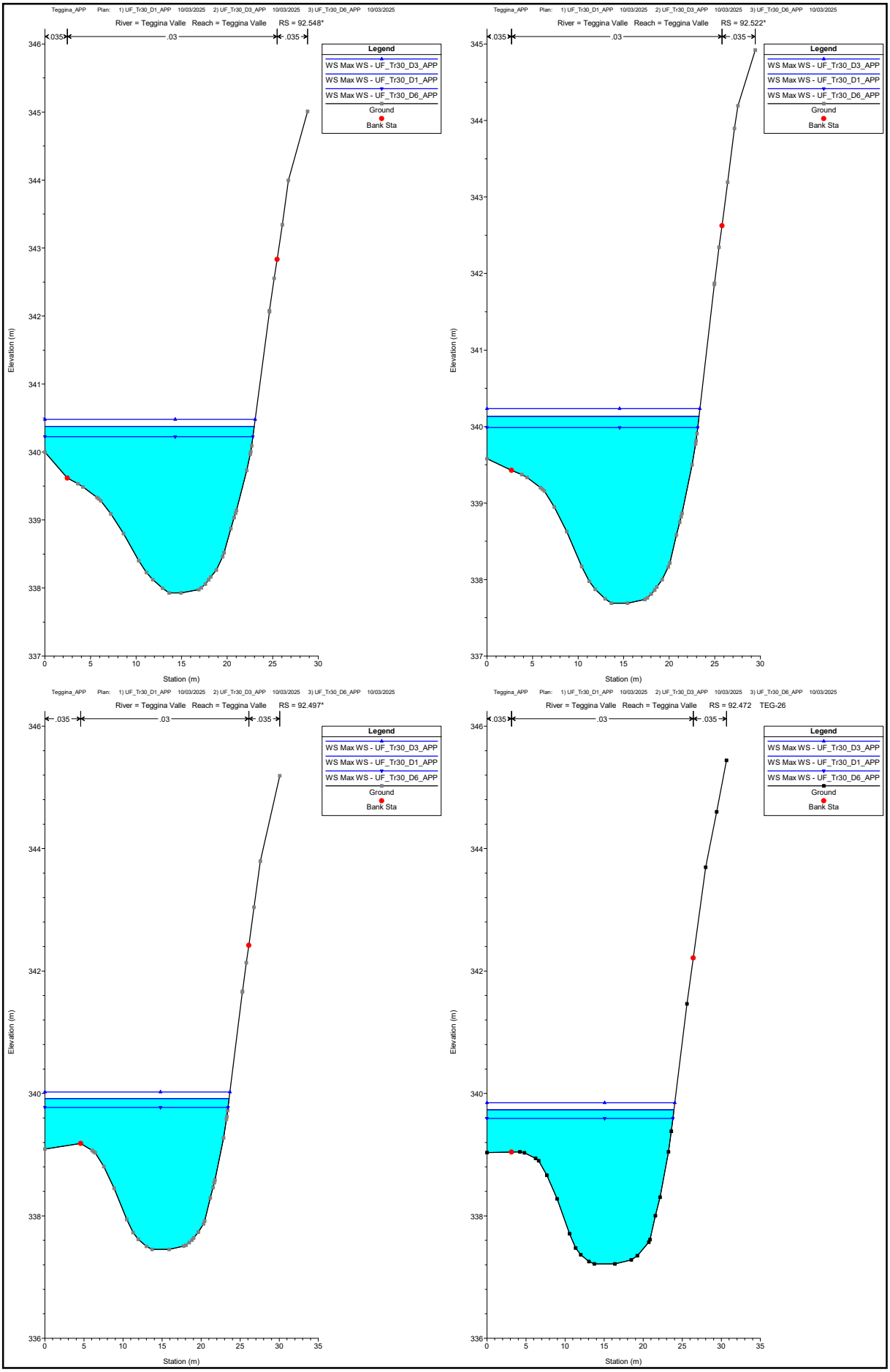
River = Teggina Valle Reach = Teggina Valle RS = 92.648*
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 92.623 TEG-27
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 92.598*
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 92.573*
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)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River = Teggina Valle Reach = Teggina Valle RS = 92.548*
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 92.522*
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 92.497*
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 92.472 TEG-26
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
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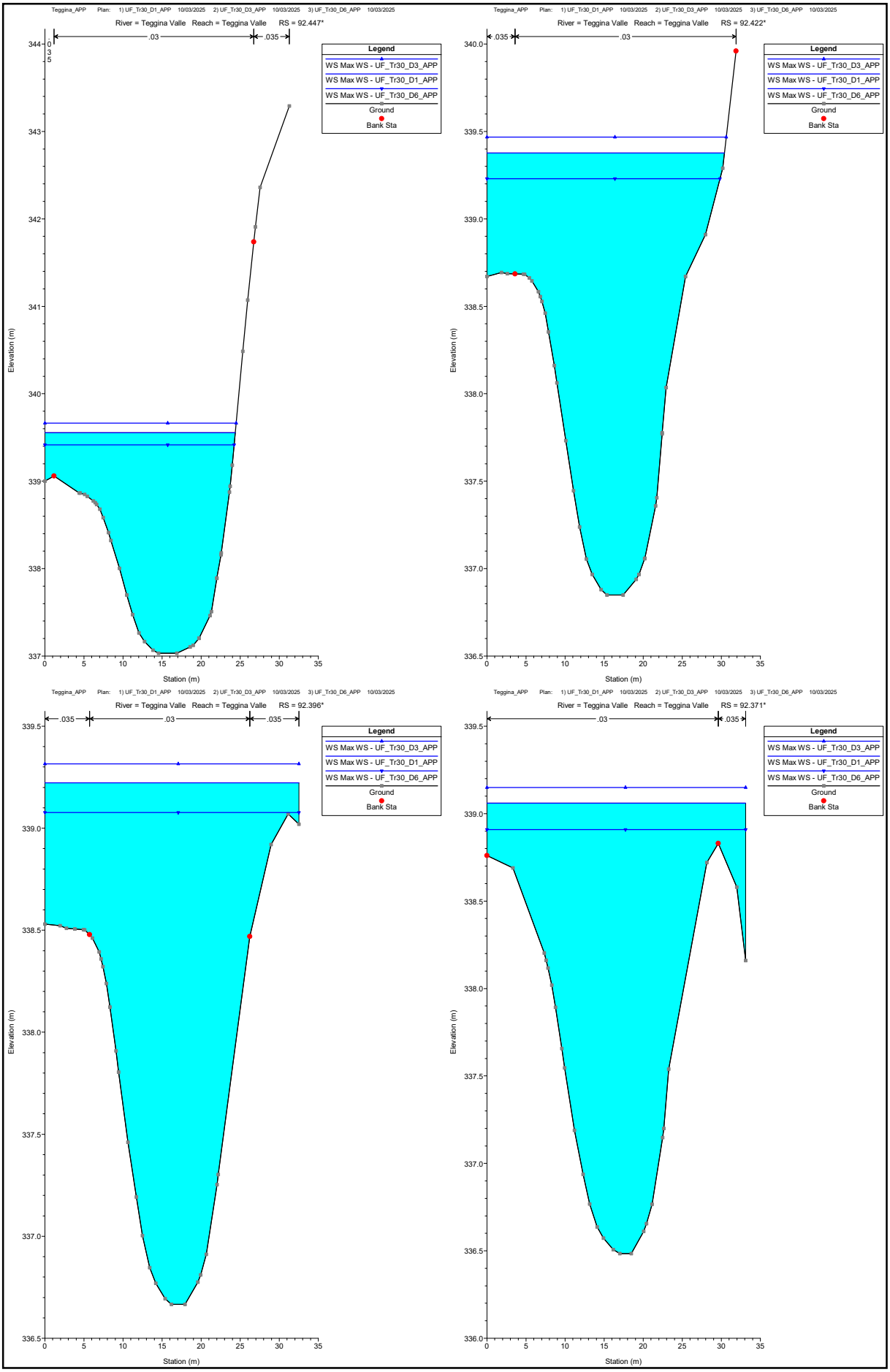
Ground
Bank Sta
Elevation (m)
Station (m)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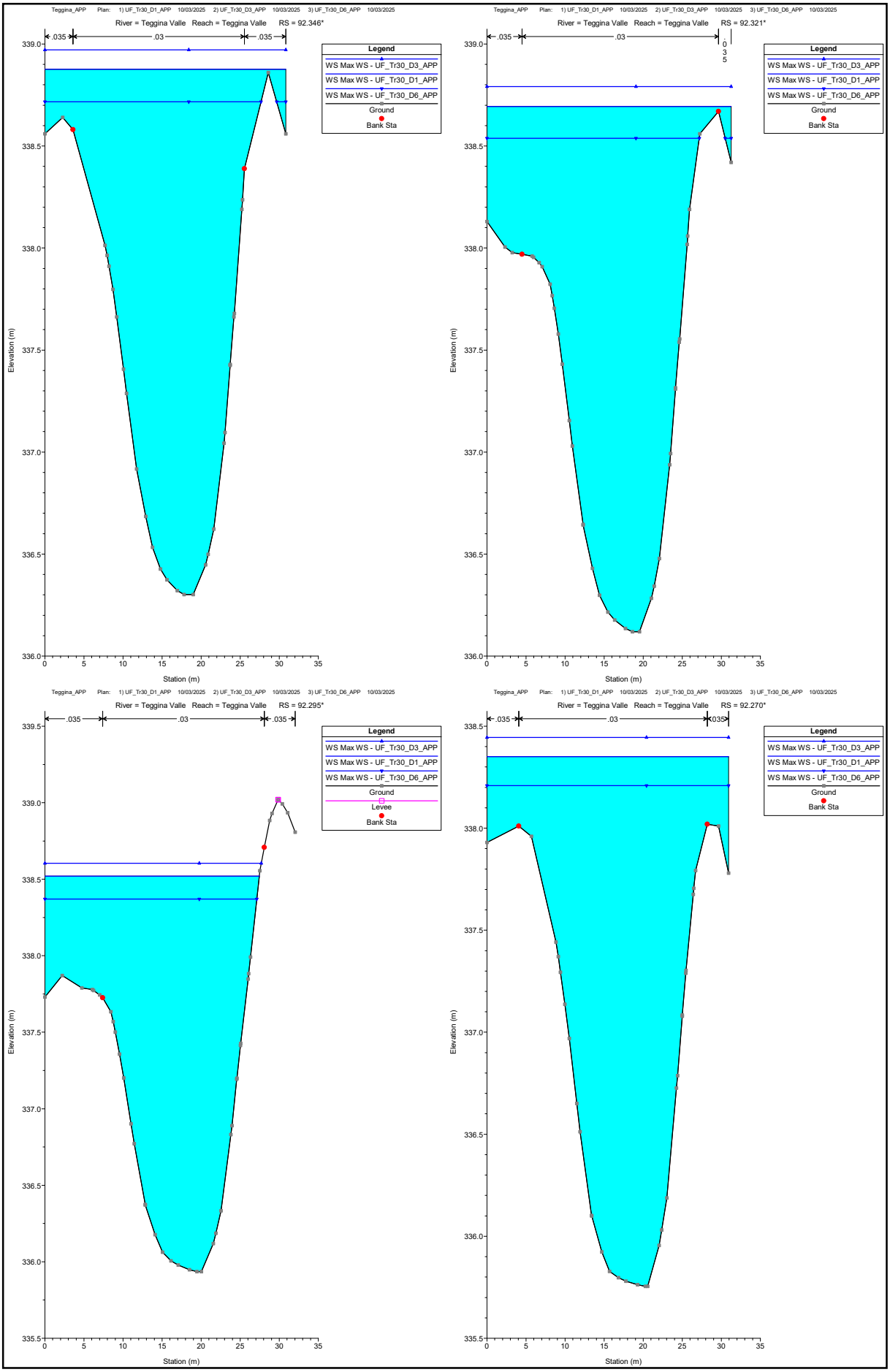
River = Teggina Valle Reach = Teggina Valle RS = 92.447*
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 92.422*
.035
.03
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 92.396*
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 92.371*
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)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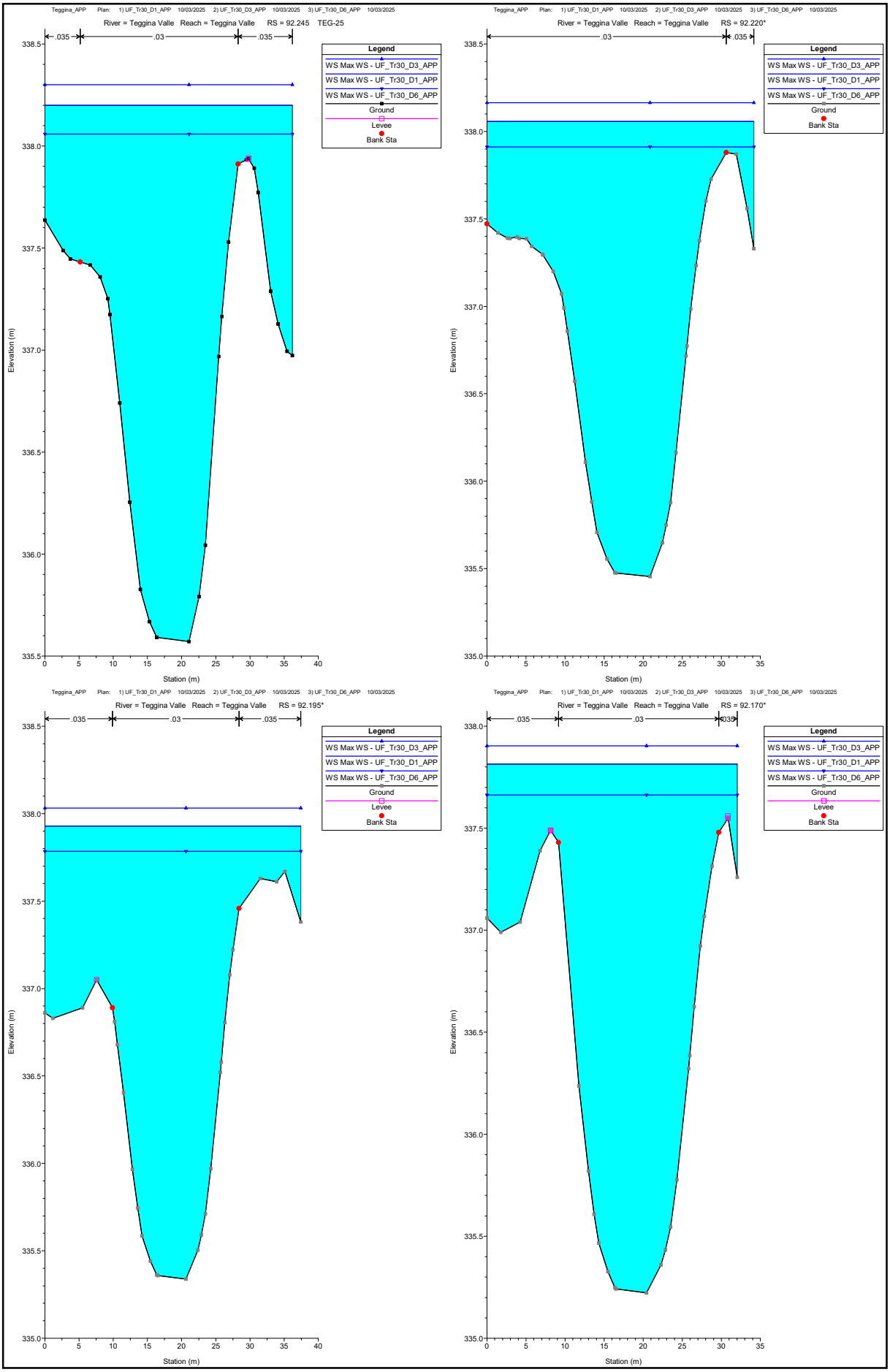
River = Teggina Valle Reach = Teggina Valle RS = 92.346*
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 92.321*
.035
.03
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 92.295*
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 92.270*
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)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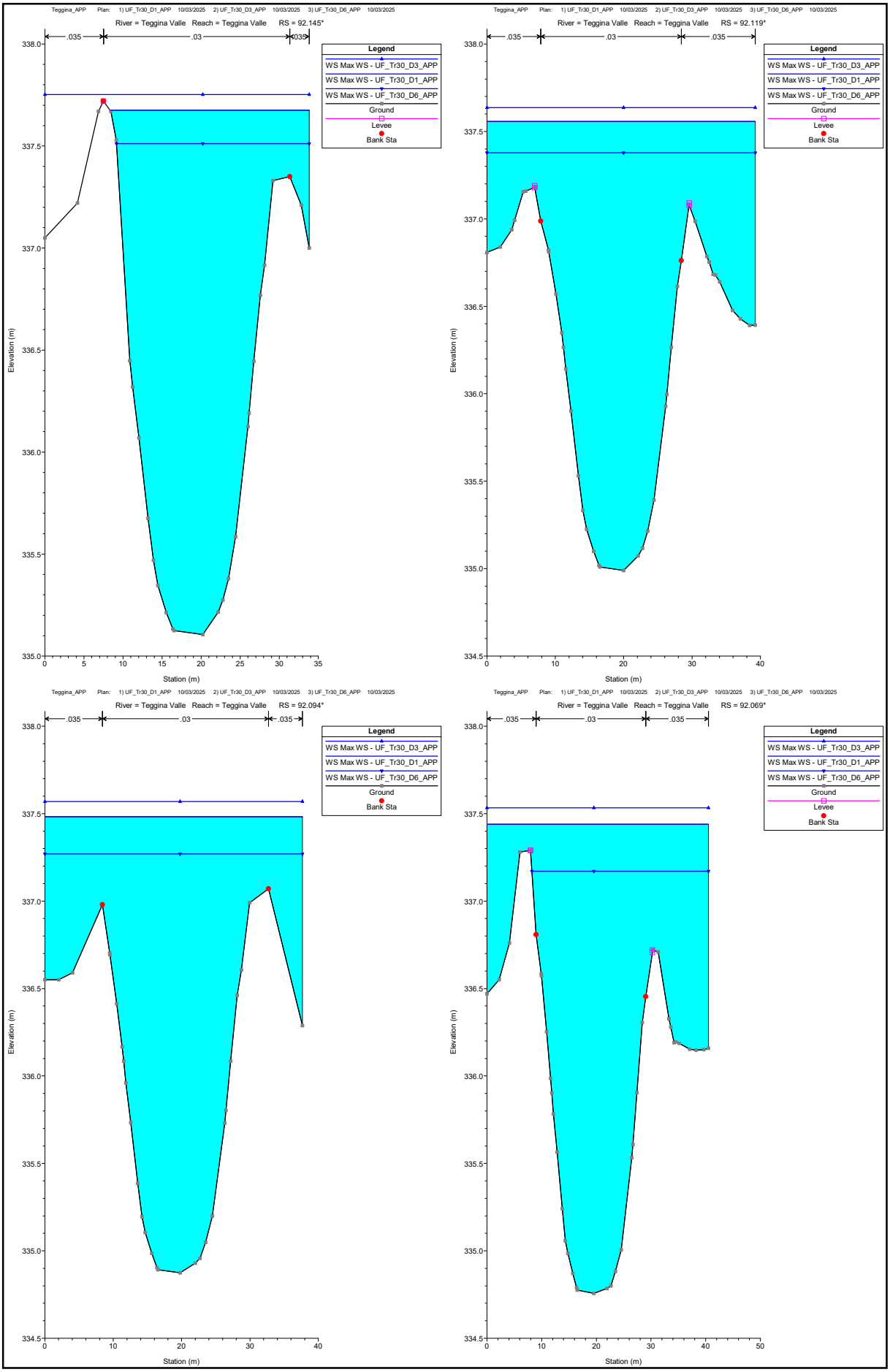
River = Teggina Valle Reach = Teggina Valle RS = 92.245 TEG-25
.035 .03 .035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 92.220*
.03 .035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 92.195*
.035 .03 .035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 92.170*
.035 .03 .035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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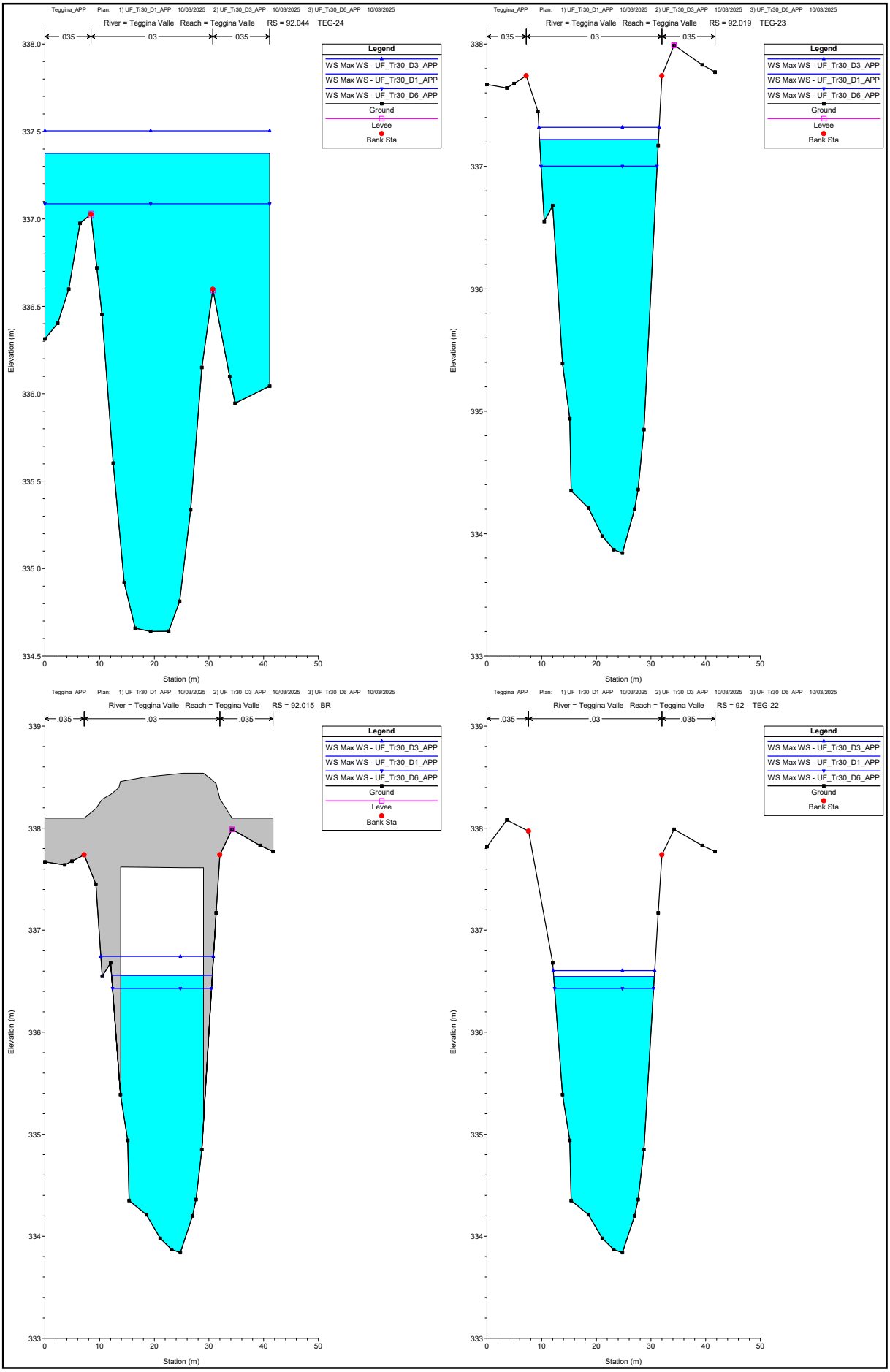
River = Teggina Valle Reach = Teggina Valle RS = 92.145*
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 92.119*
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 92.094*
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 92.069*
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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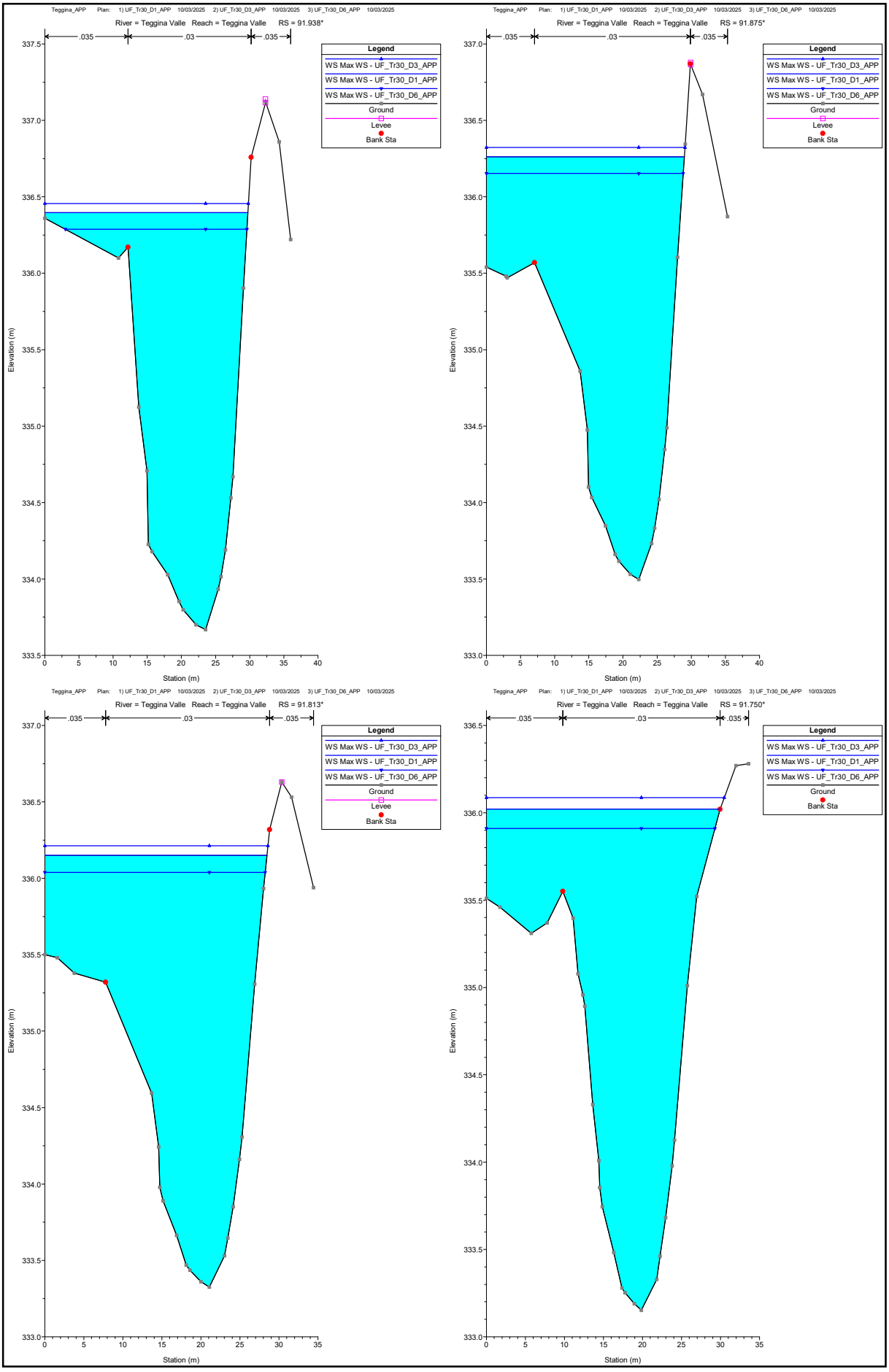
River = Teggina Valle Reach = Teggina Valle RS = 92.044 TEG-24
River = Teggina Valle Reach = Teggina Valle RS = 92.019 TEG-23
River = Teggina Valle Reach = Teggina Valle RS = 92.015 BR
River = Teggina Valle Reach = Teggina Valle RS = 92 TEG-22
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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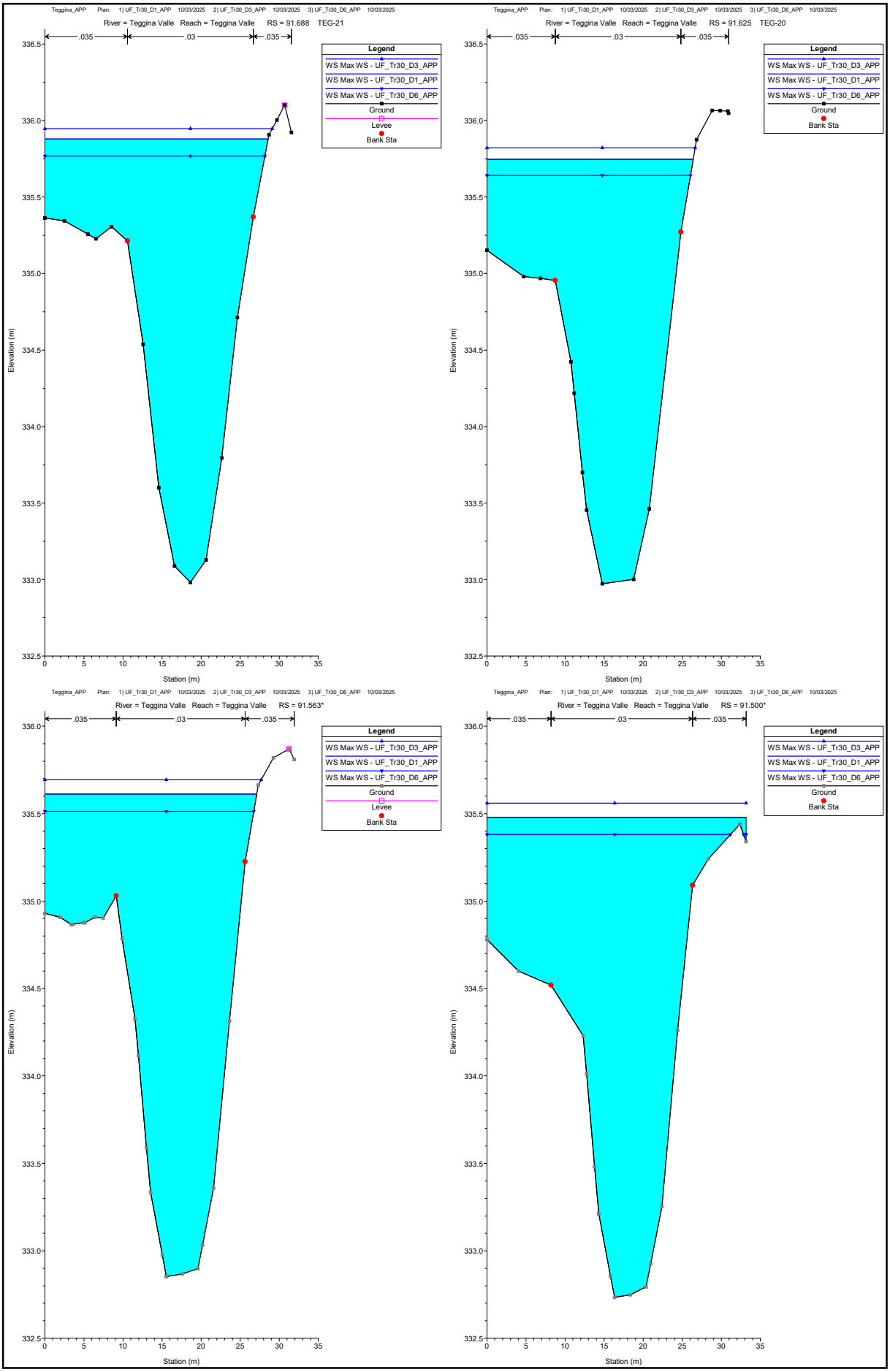
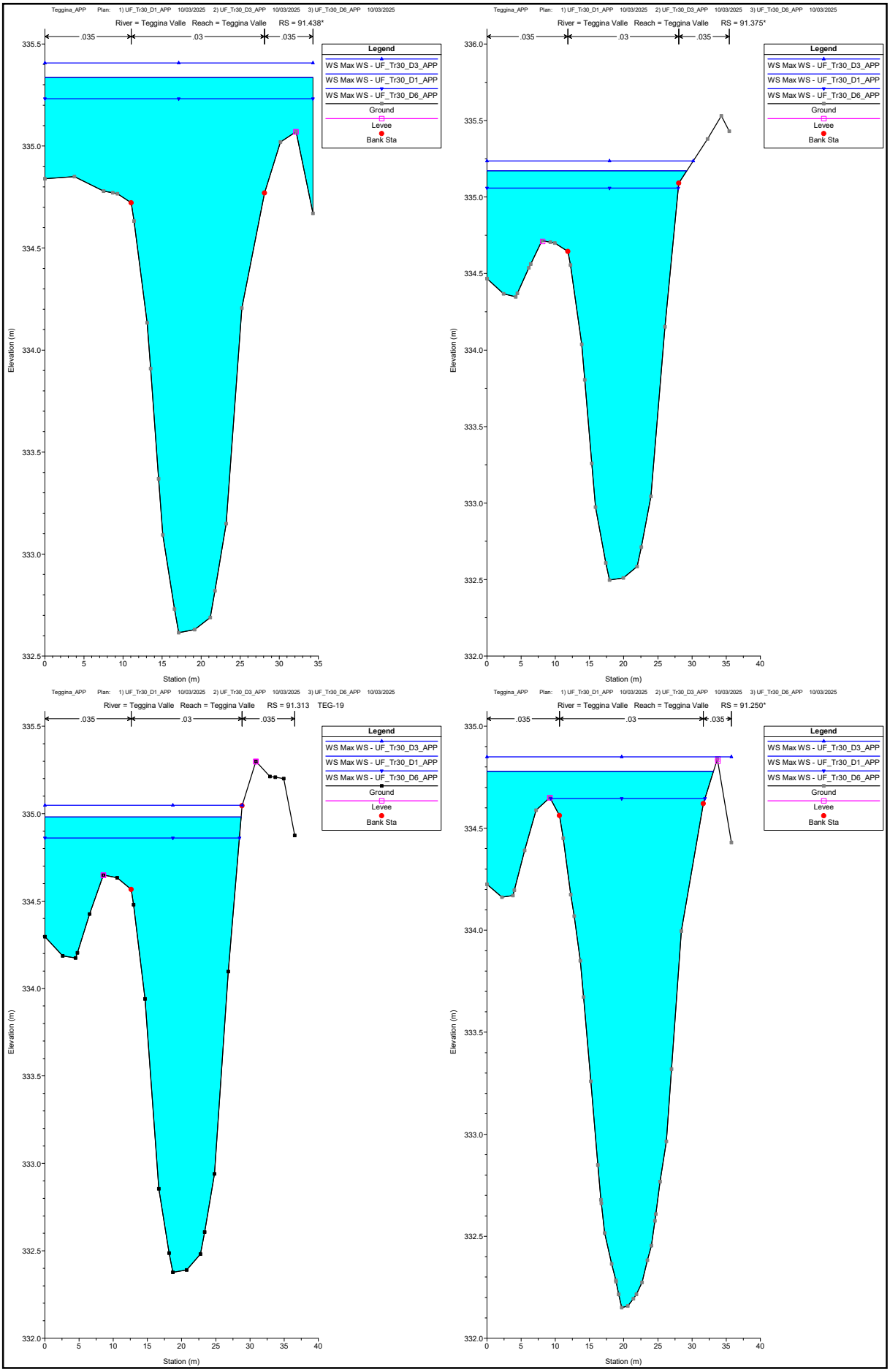
River = Teggina Valle Reach = Teggina Valle RS = 91.938*
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 91.875*
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 91.813*
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 91.750*
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)


Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 91.688 TEG-21
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 91.625 TEG-20
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 91.563*
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 91.500*
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)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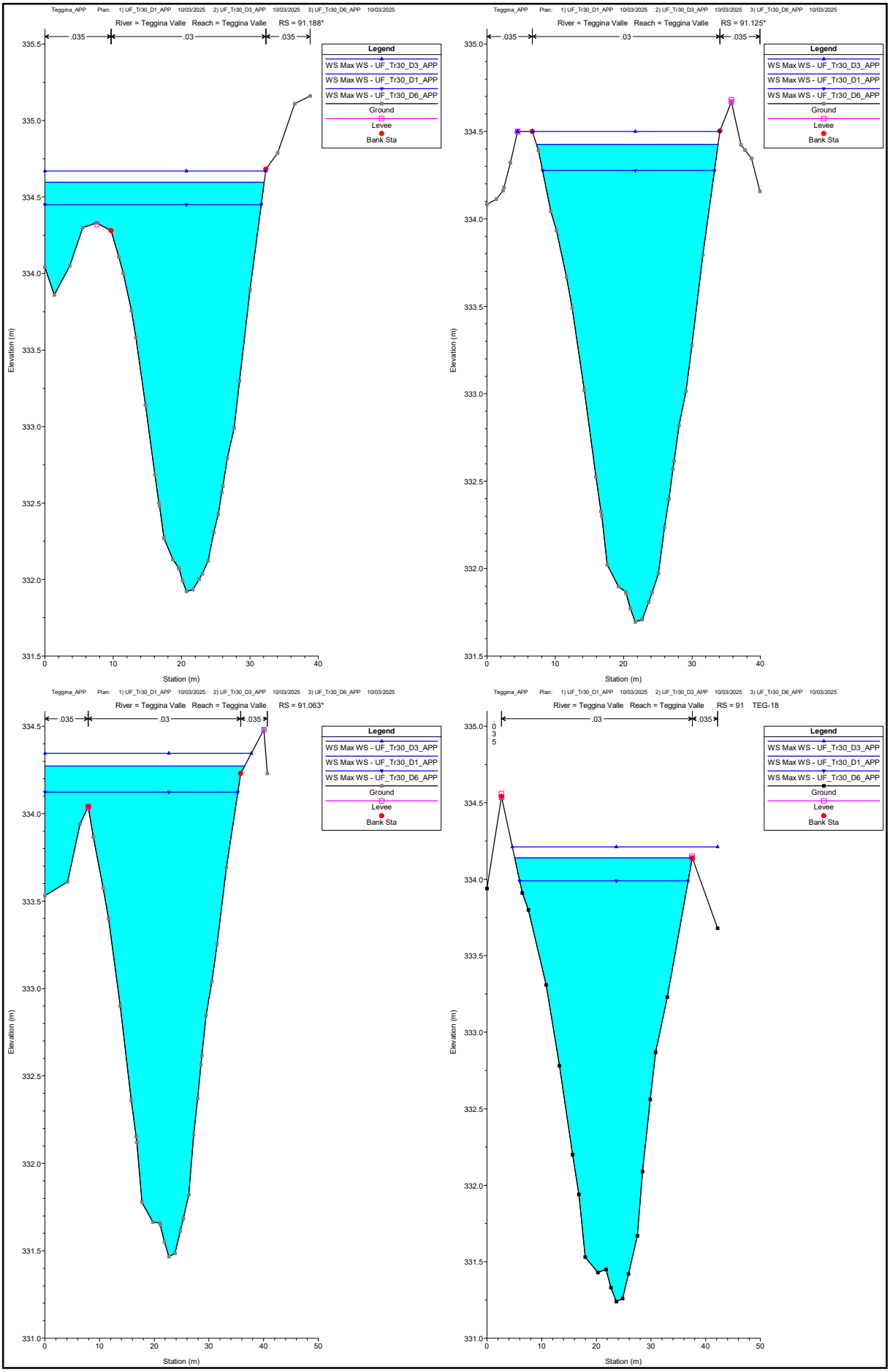
River = Teggina Valle Reach = Teggina Valle RS = 91.438*
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 91.375*
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 91.313 TEG-19
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 91.250*
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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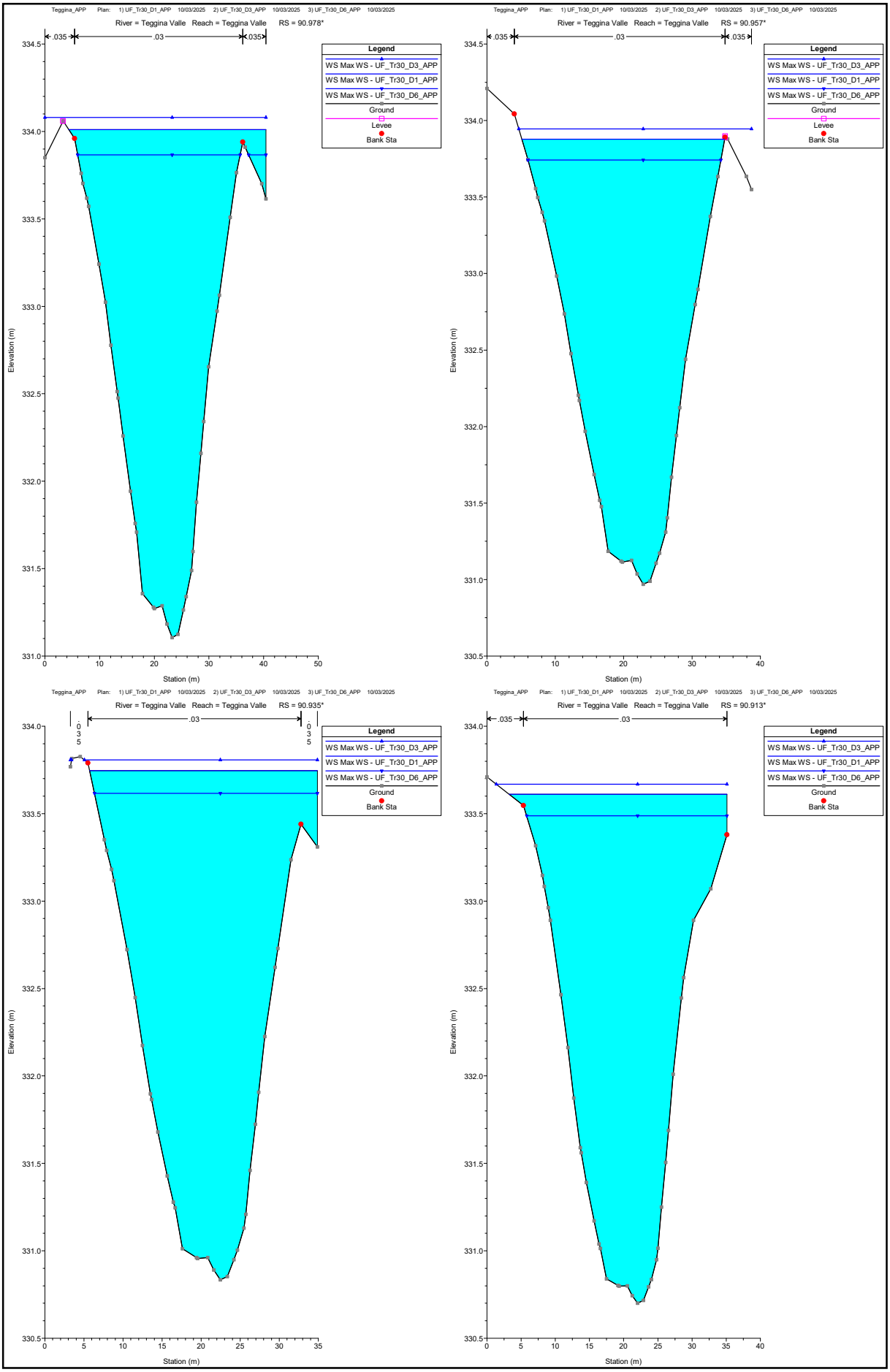
River = Teggina Valle Reach = Teggina Valle RS = 91.188*
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 91.125*
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 91.063*
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 91 TEG-18
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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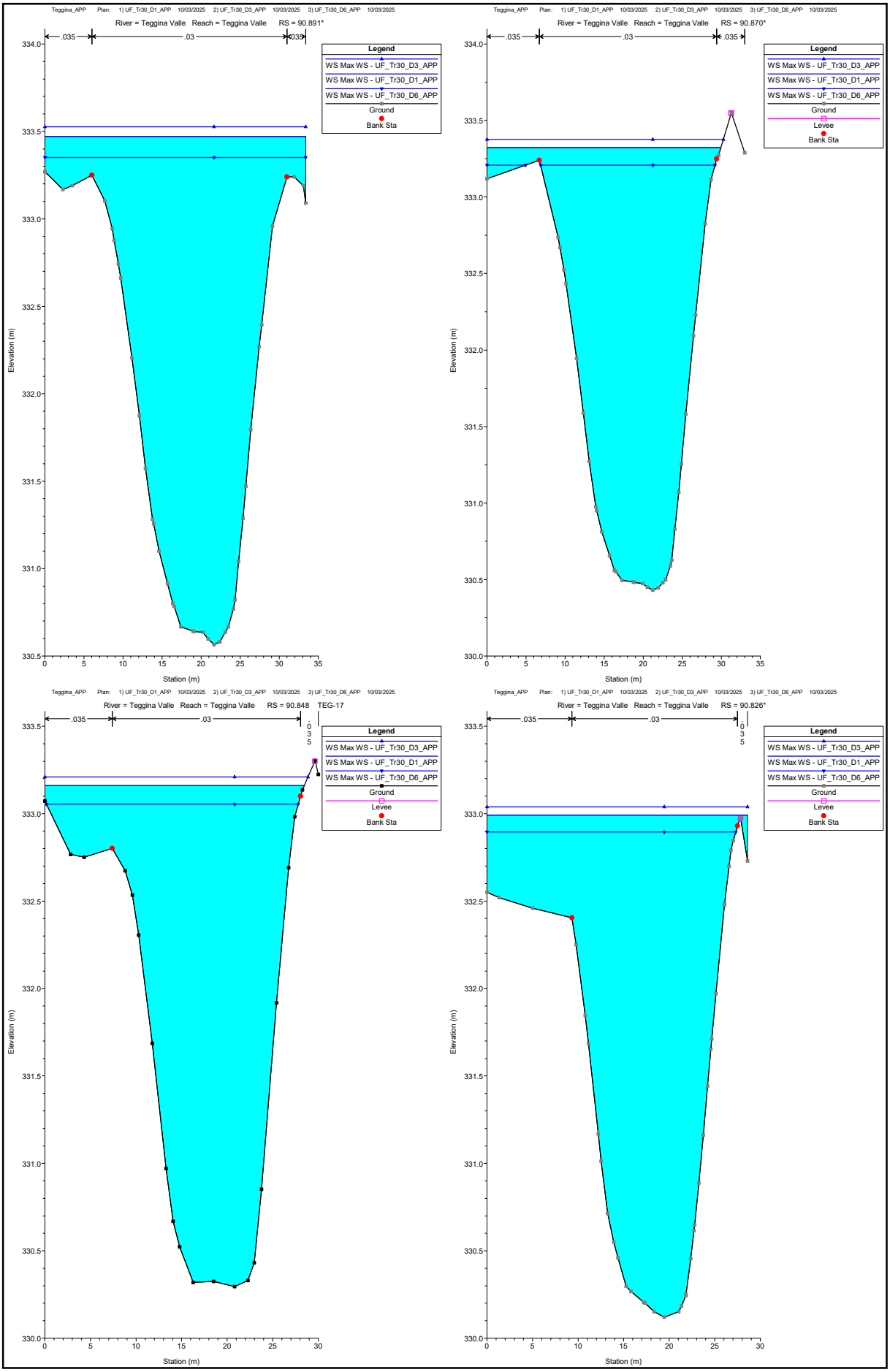
River = Teggina Valle Reach = Teggina Valle RS = 90.978*
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 90.957*
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 90.935*
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 90.913*
.035
.03
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)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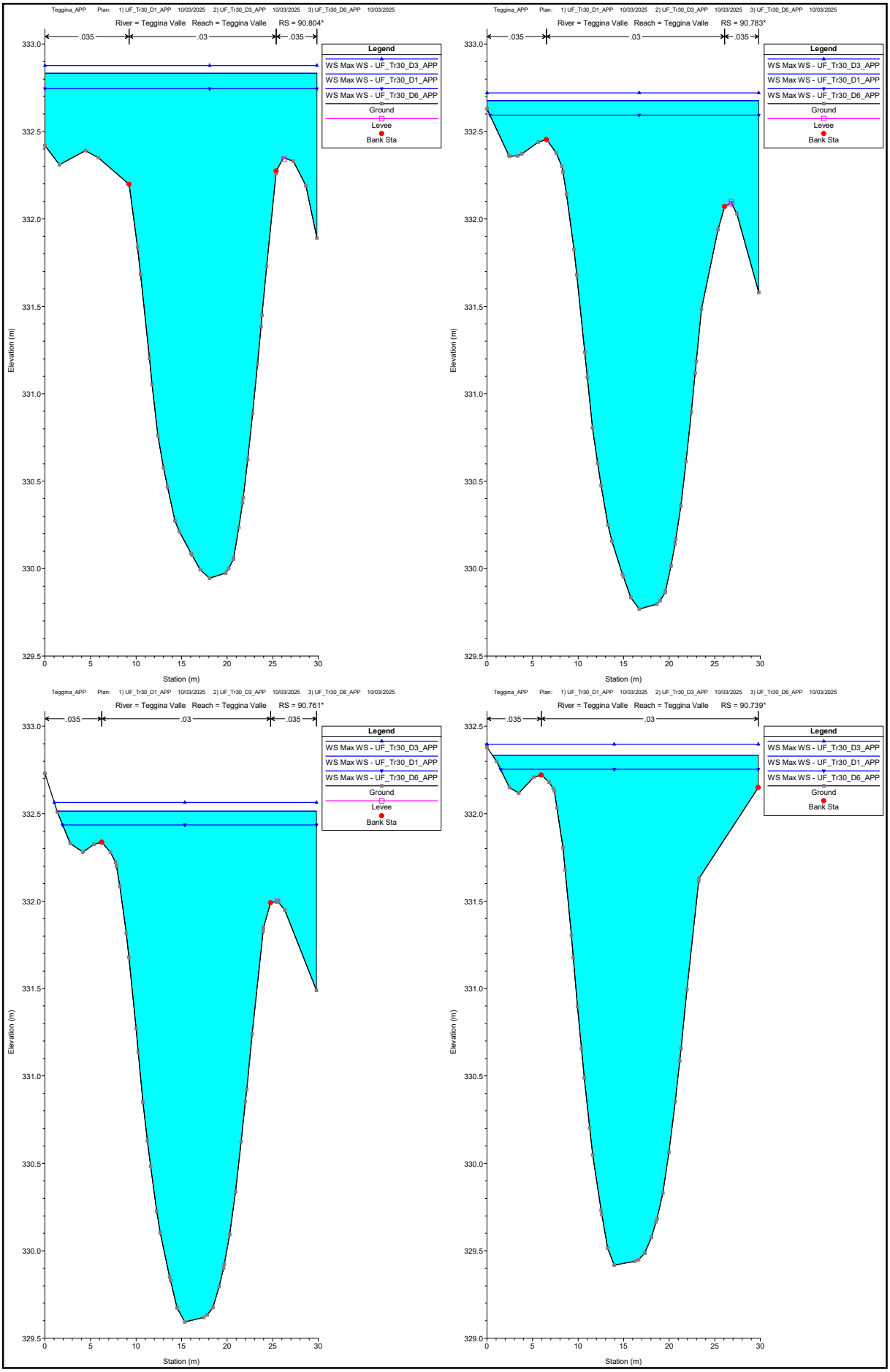
River = Teggina Valle Reach = Teggina Valle RS = 90.891*
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 90.870*
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 90.848 TEG-17
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 90.826*
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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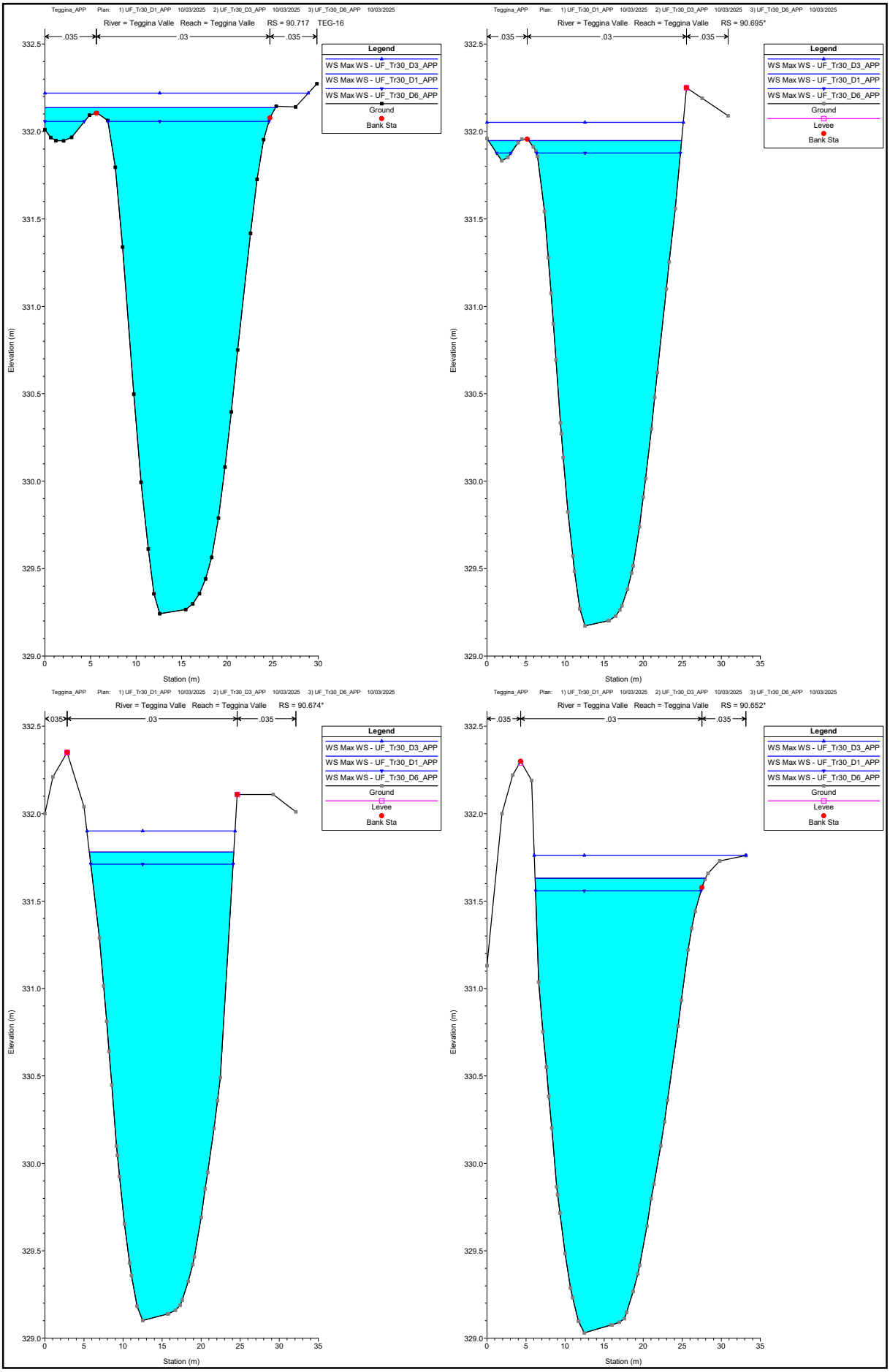
River = Teggina Valle Reach = Teggina Valle RS = 90.804*
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 90.783*
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 90.761*
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 90.739*
.035
.03
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)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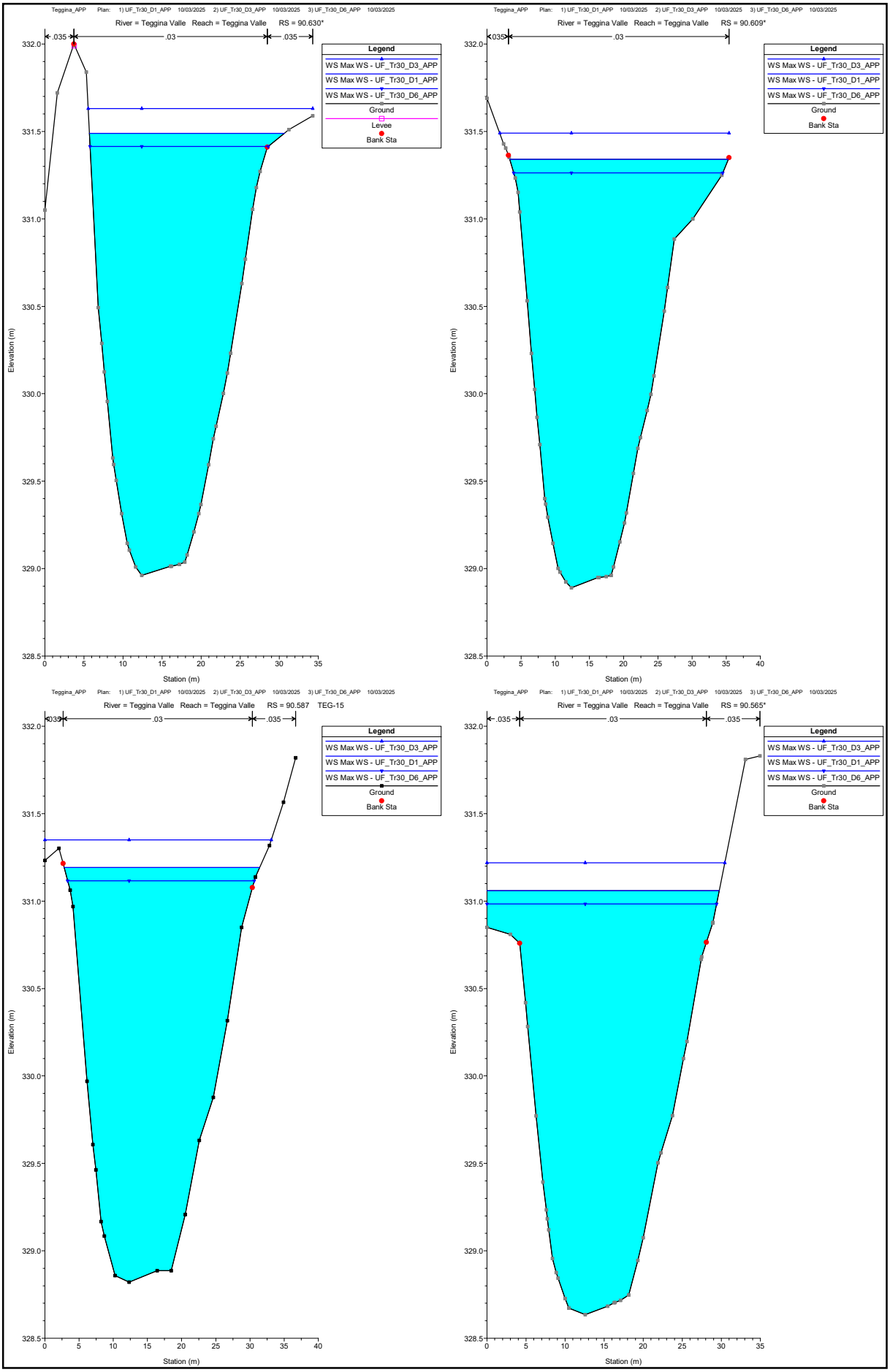
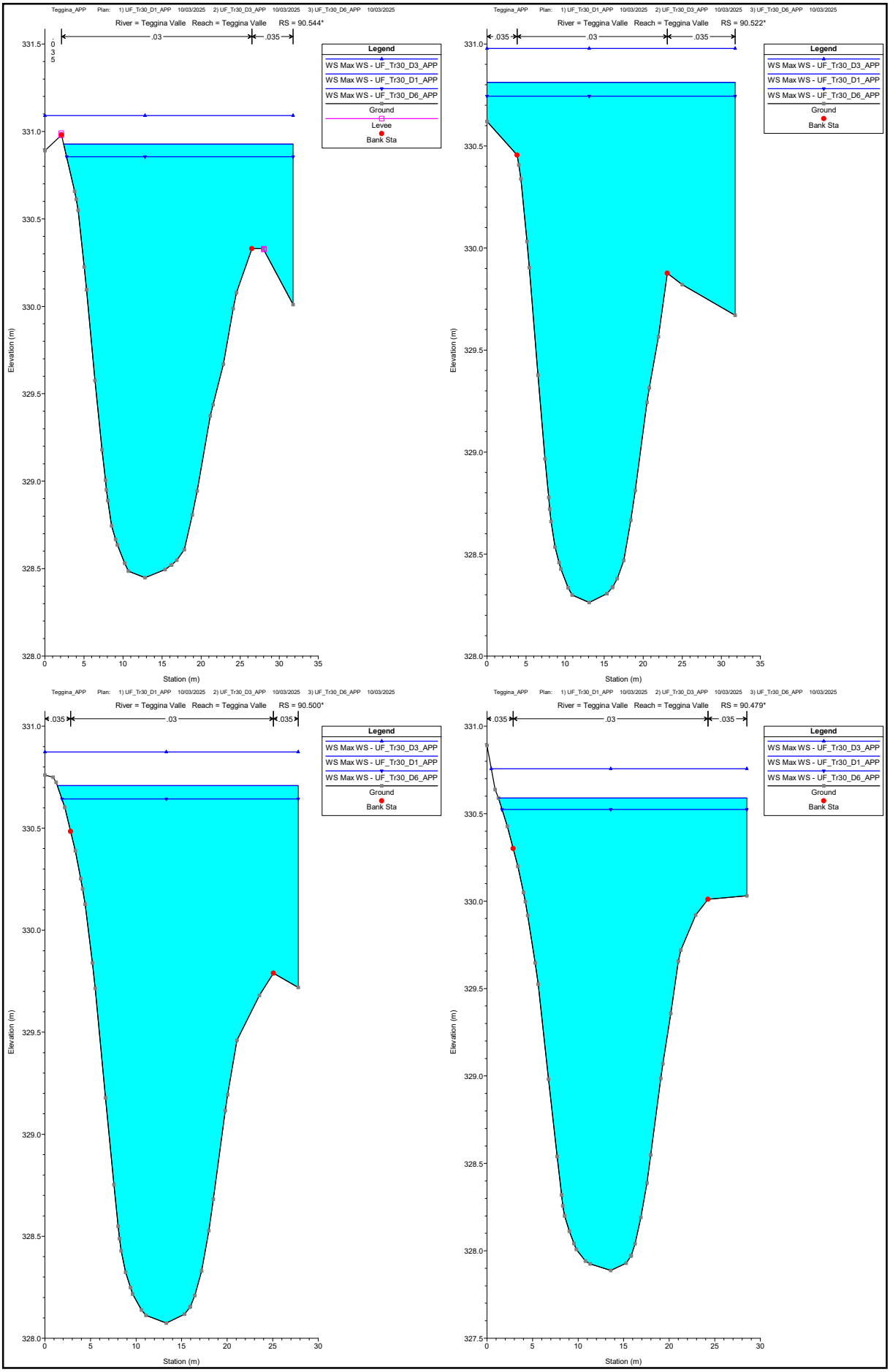
River = Teggina Valle Reach = Teggina Valle RS = 90.717 TEG-16
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 90.695*
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 90.674*
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 90.652*
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)


Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 90.630*
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 90.609*
.035
.03
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 90.587 TEG-15
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 90.565*
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)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River = Teggina Valle Reach = Teggina Valle RS = 90.544*
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 90.522*
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 90.500*
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 90.479*
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
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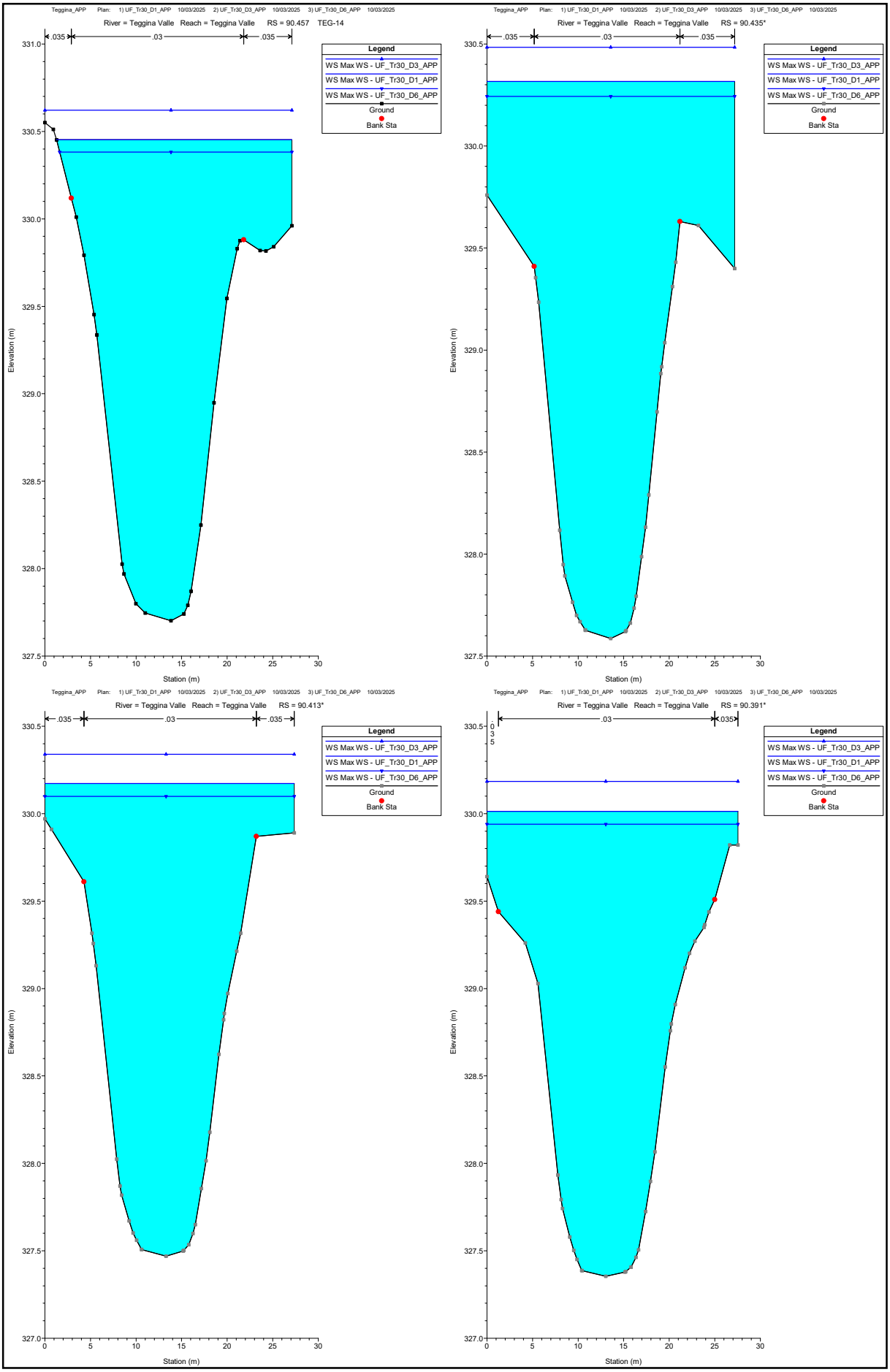
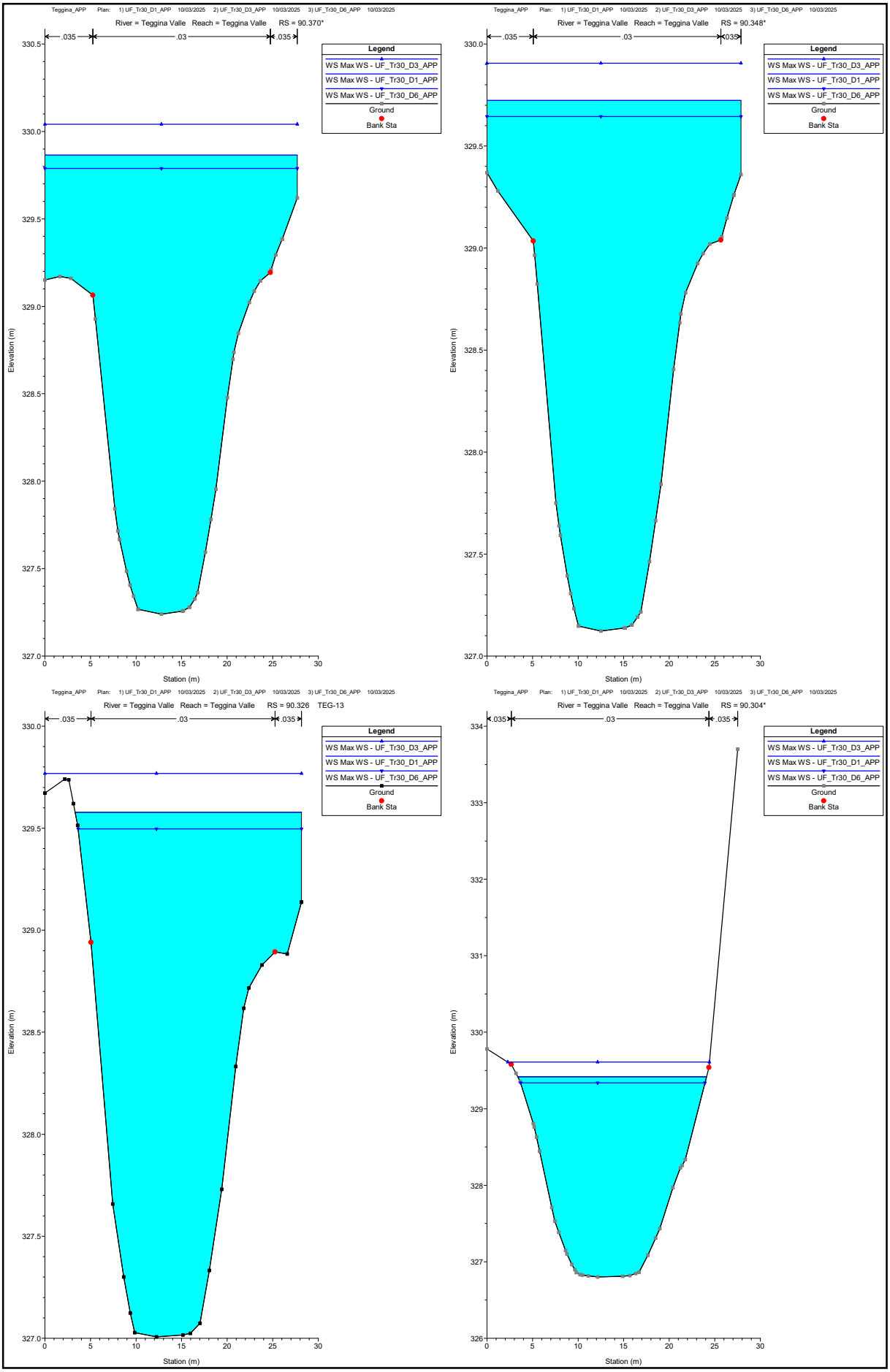
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)


Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 90.457 TEG-14
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 90.435*
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 90.413*
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 90.391*
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)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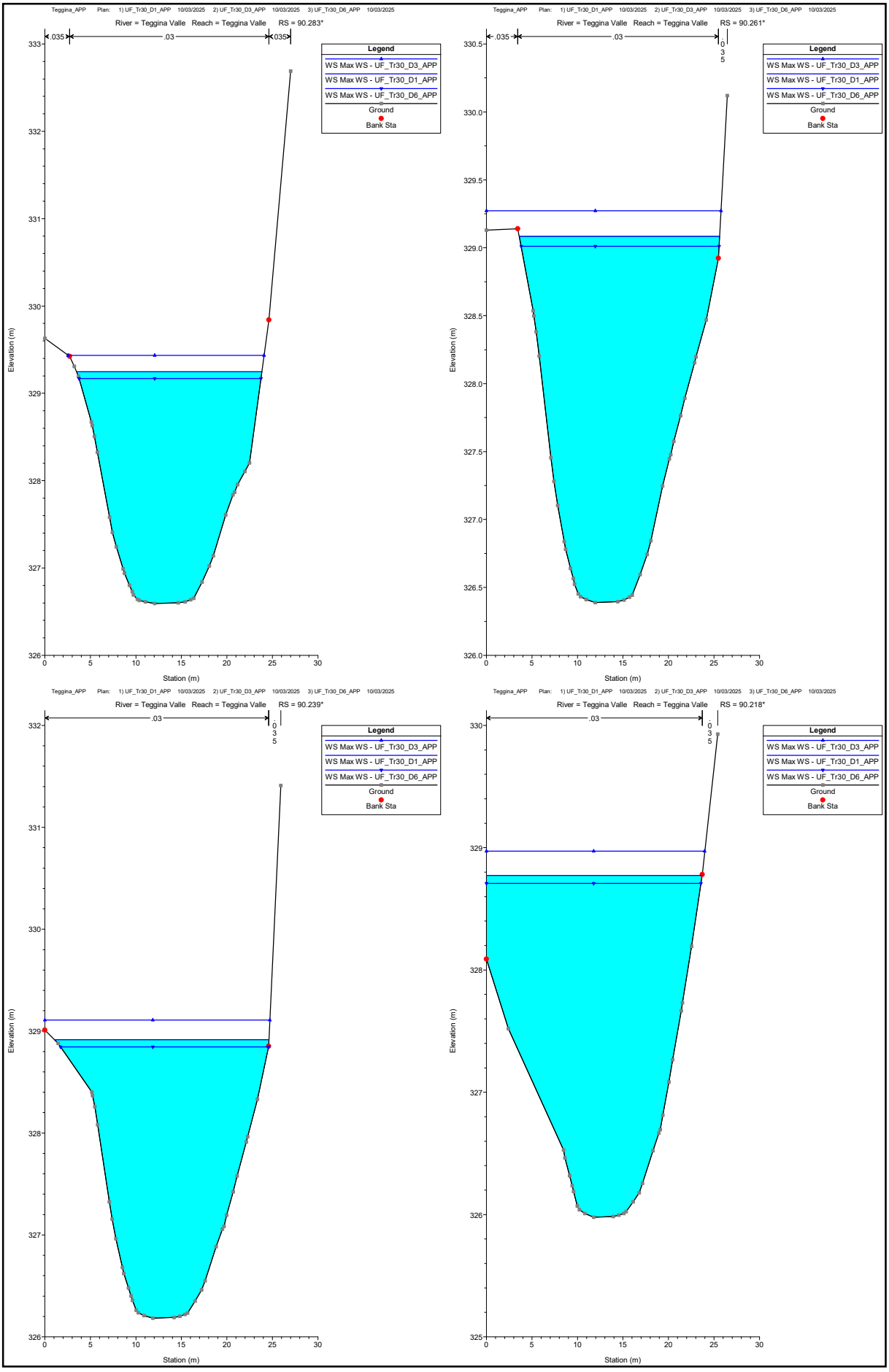
River = Teggina Valle Reach = Teggina Valle RS = 90.370*
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 90.348*
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 90.326 TEG-13
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 90.304*
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)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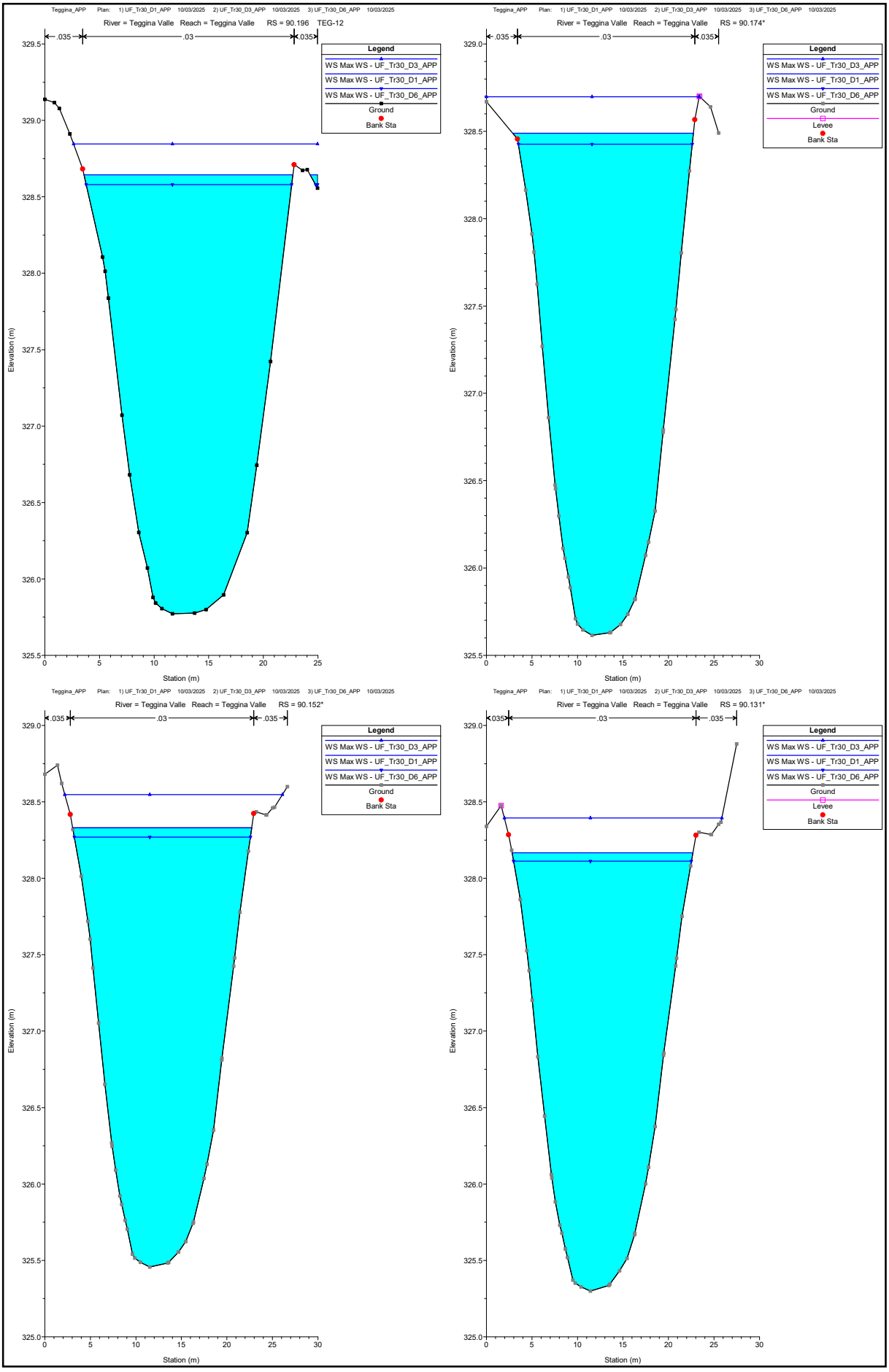
River = Teggina Valle Reach = Teggina Valle RS = 90.283*
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 90.261*
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 90.239*
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 90.218*
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)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River = Teggina Valle Reach = Teggina Valle RS = 90.196 TEG-12
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 90.174*
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 90.152*
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 90.131*
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
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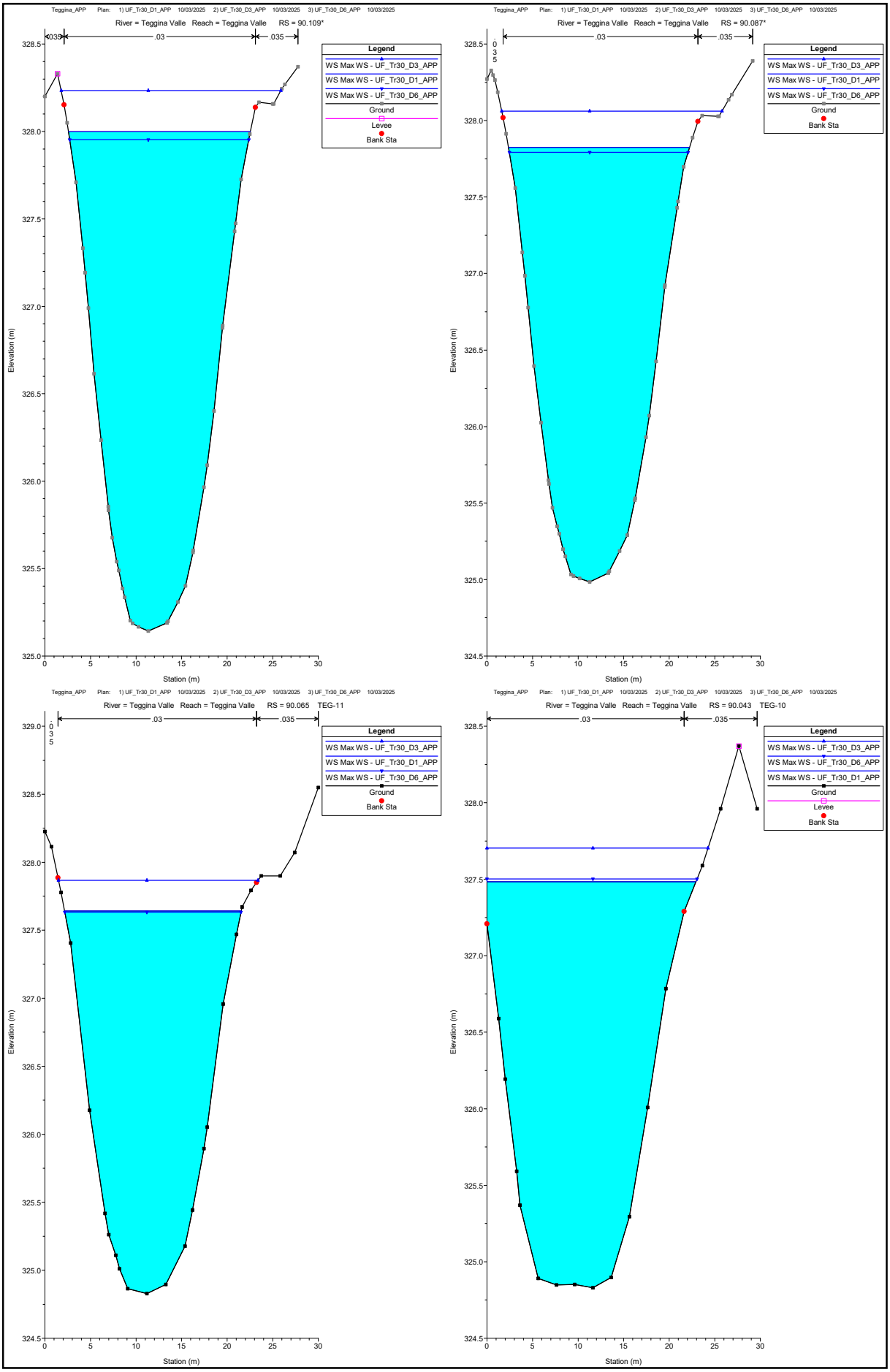
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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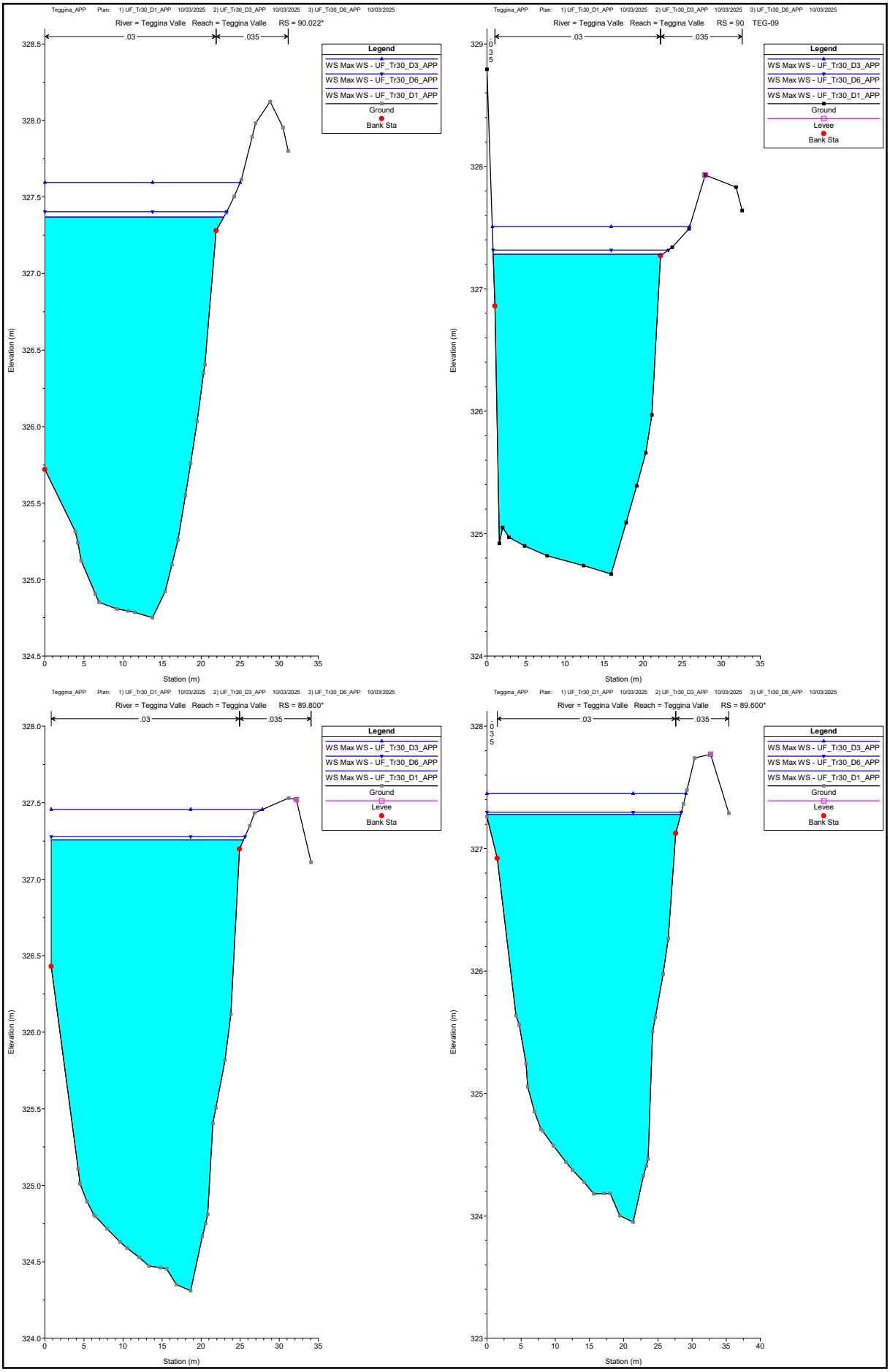
River = Teggina Valle Reach = Teggina Valle RS = 90.109*
.039
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 90.087*
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 90.065 TEG-11
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 90.043 TEG-10
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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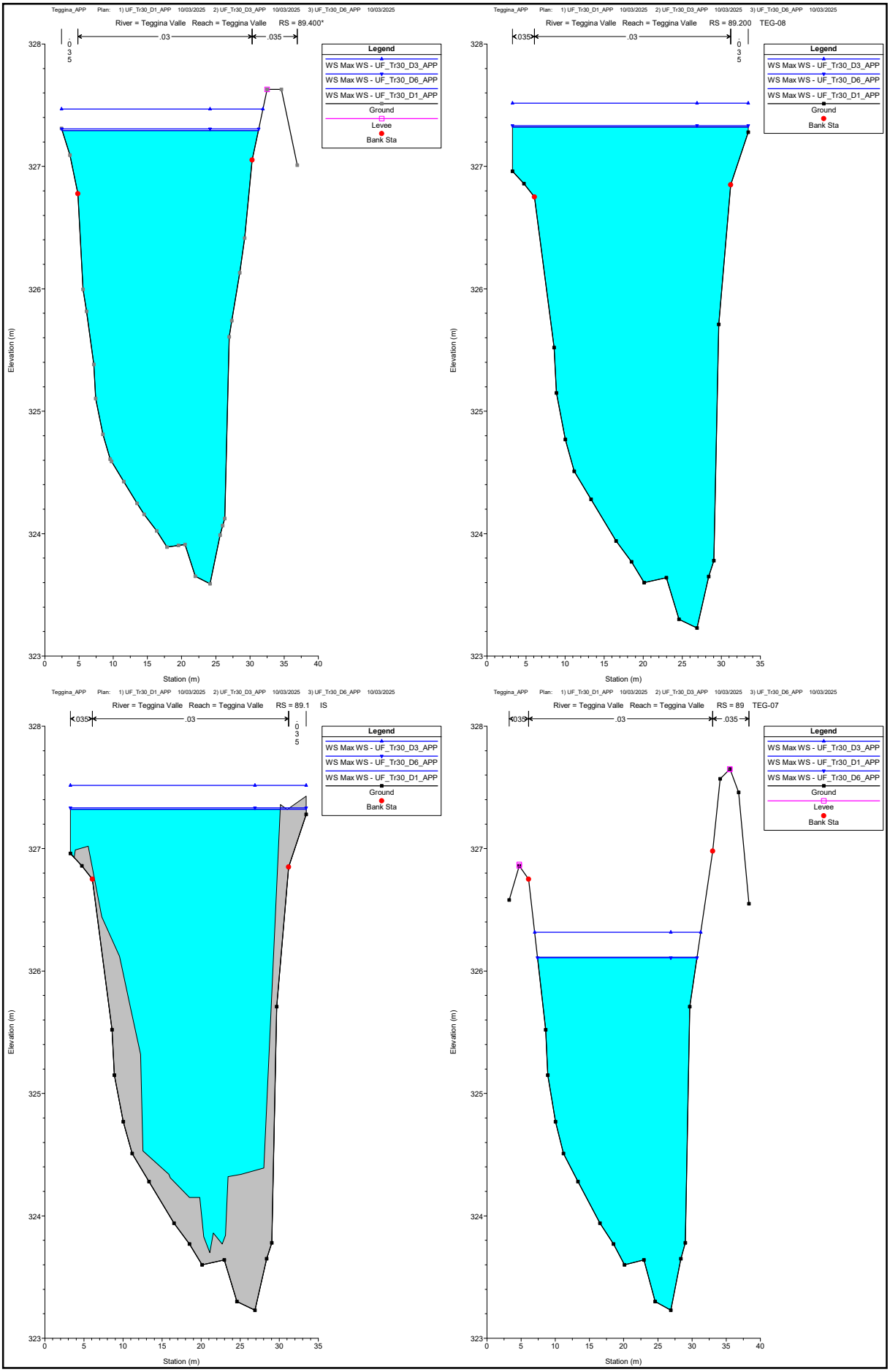
River = Teggina Valle Reach = Teggina Valle RS = 90.022*
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 90 TEG-09
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 89.800*
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 89.600*
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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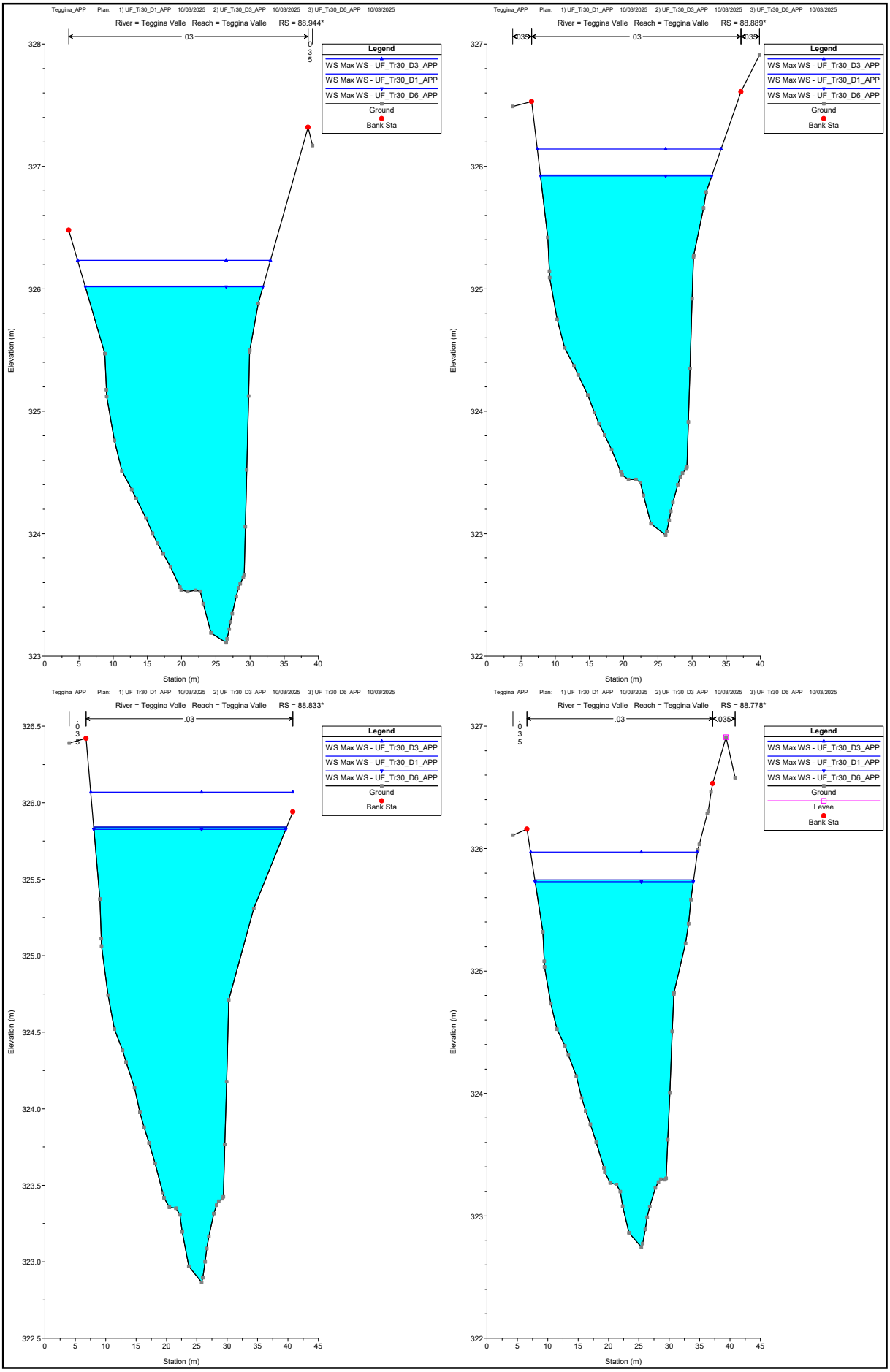
River = Teggina Valle Reach = Teggina Valle RS = 89.400*
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 89.200 TEG-08
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 89.1 IS
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 89 TEG-07
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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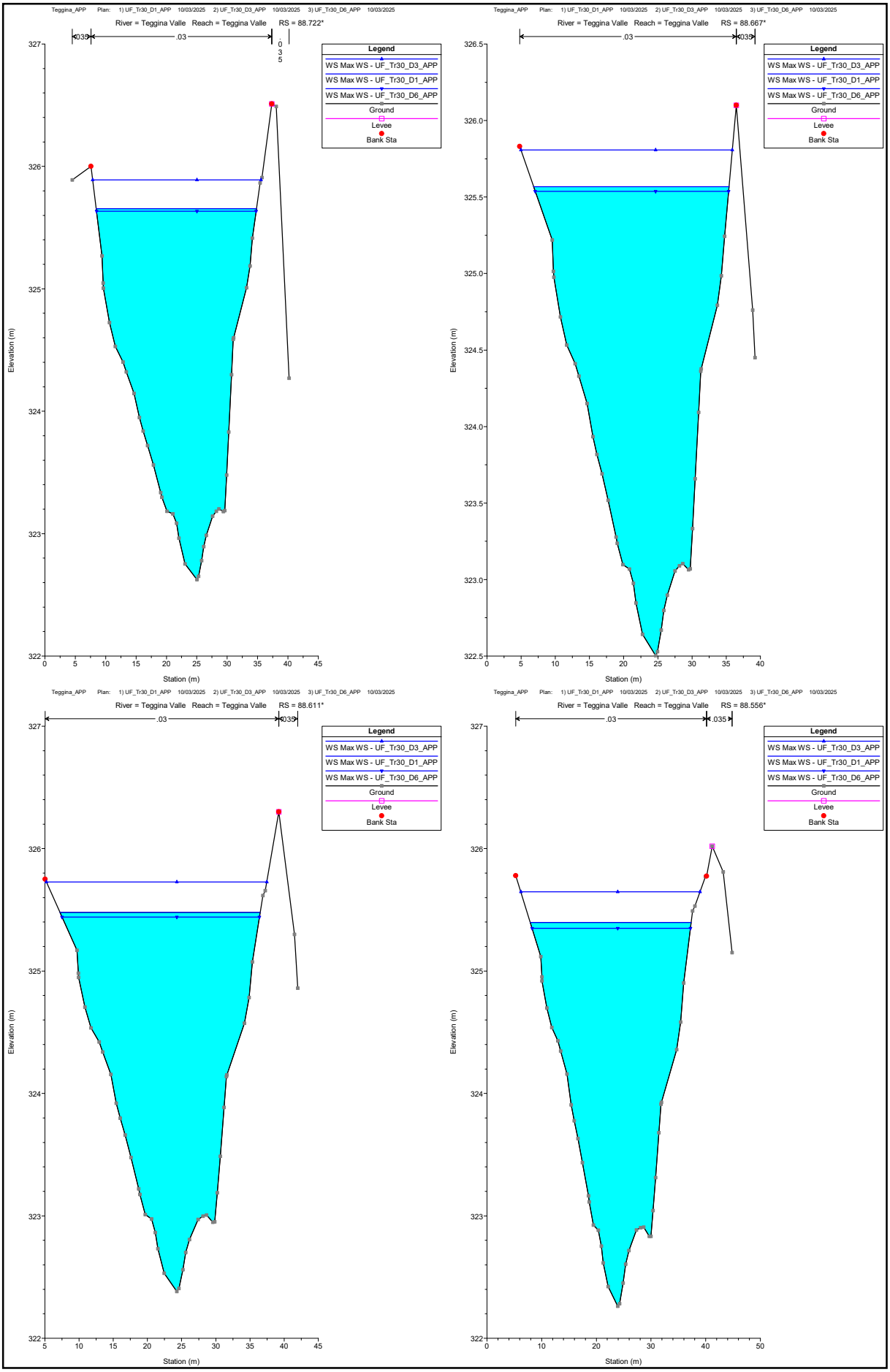
River = Teggina Valle Reach = Teggina Valle RS = 88.944*
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 88.889*
.039
.03
.039
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 88.833*
.03
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 88.778*
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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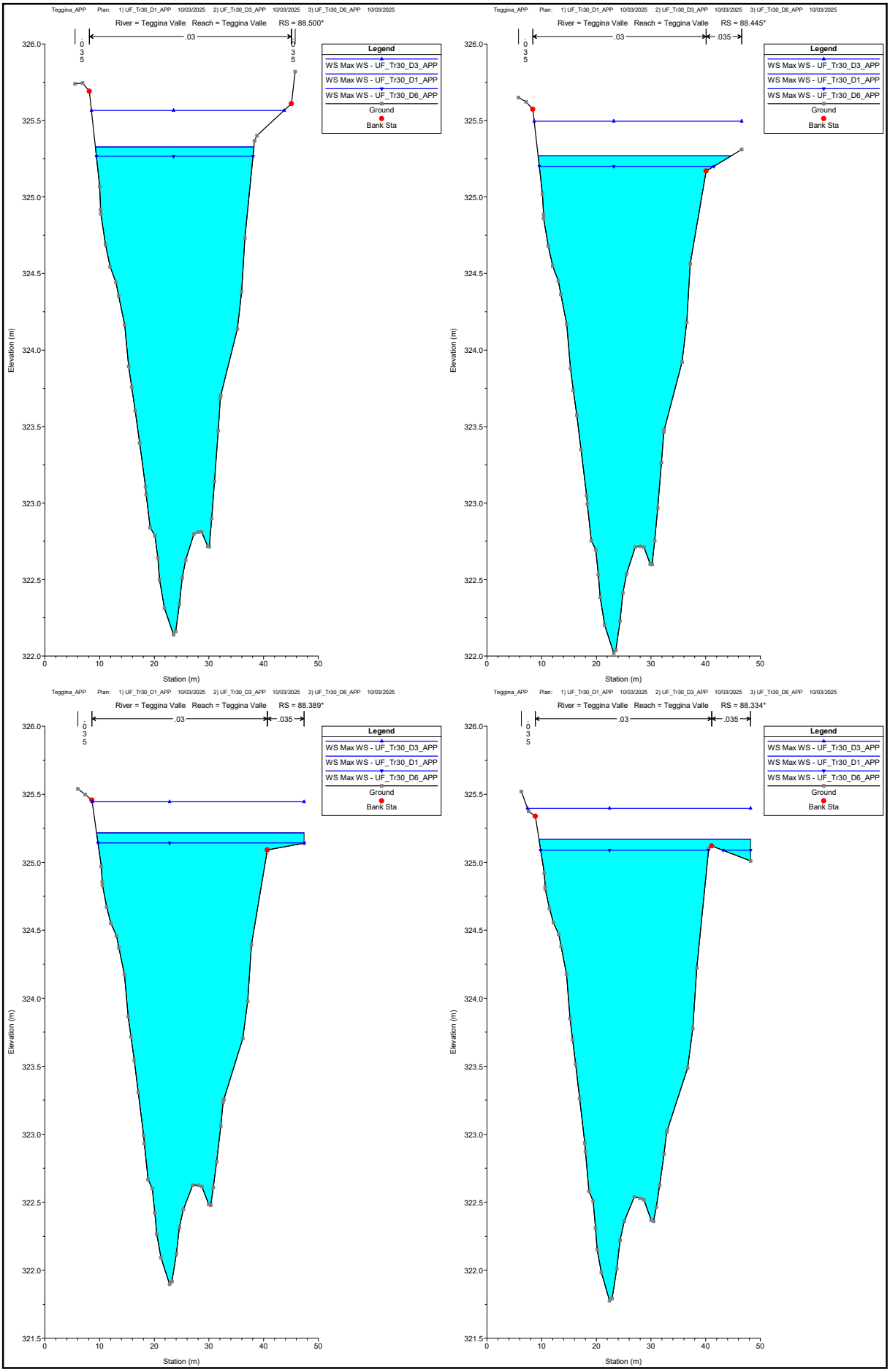
River = Teggina Valle Reach = Teggina Valle RS = 88.722*
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 88.667*
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 88.611*
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 88.556*
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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River = Teggina Valle Reach = Teggina Valle RS = 88.500*
.03
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 88.445*
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 88.389*
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 88.334*
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
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Ground
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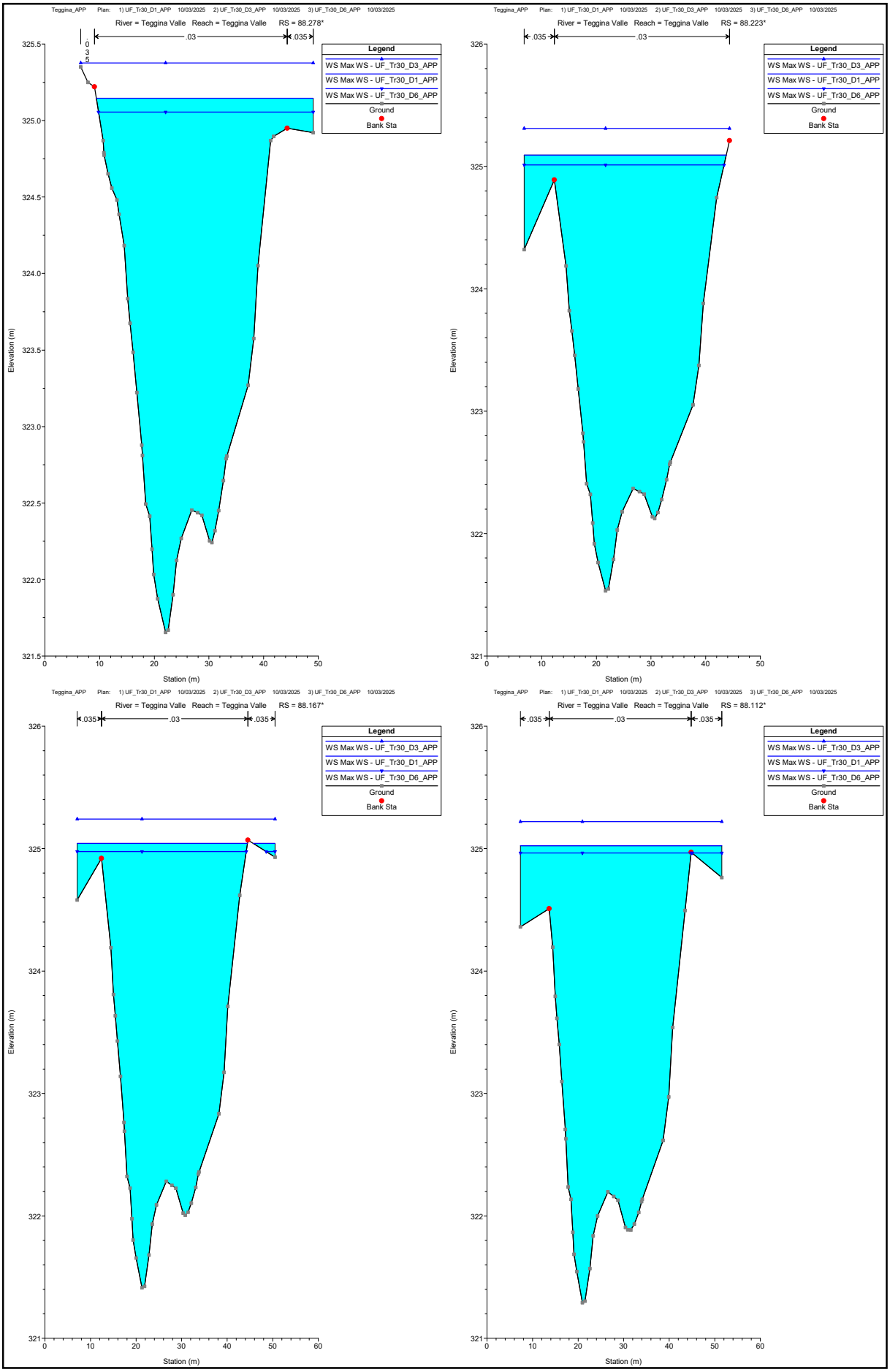
Elevation (m)
Station (m)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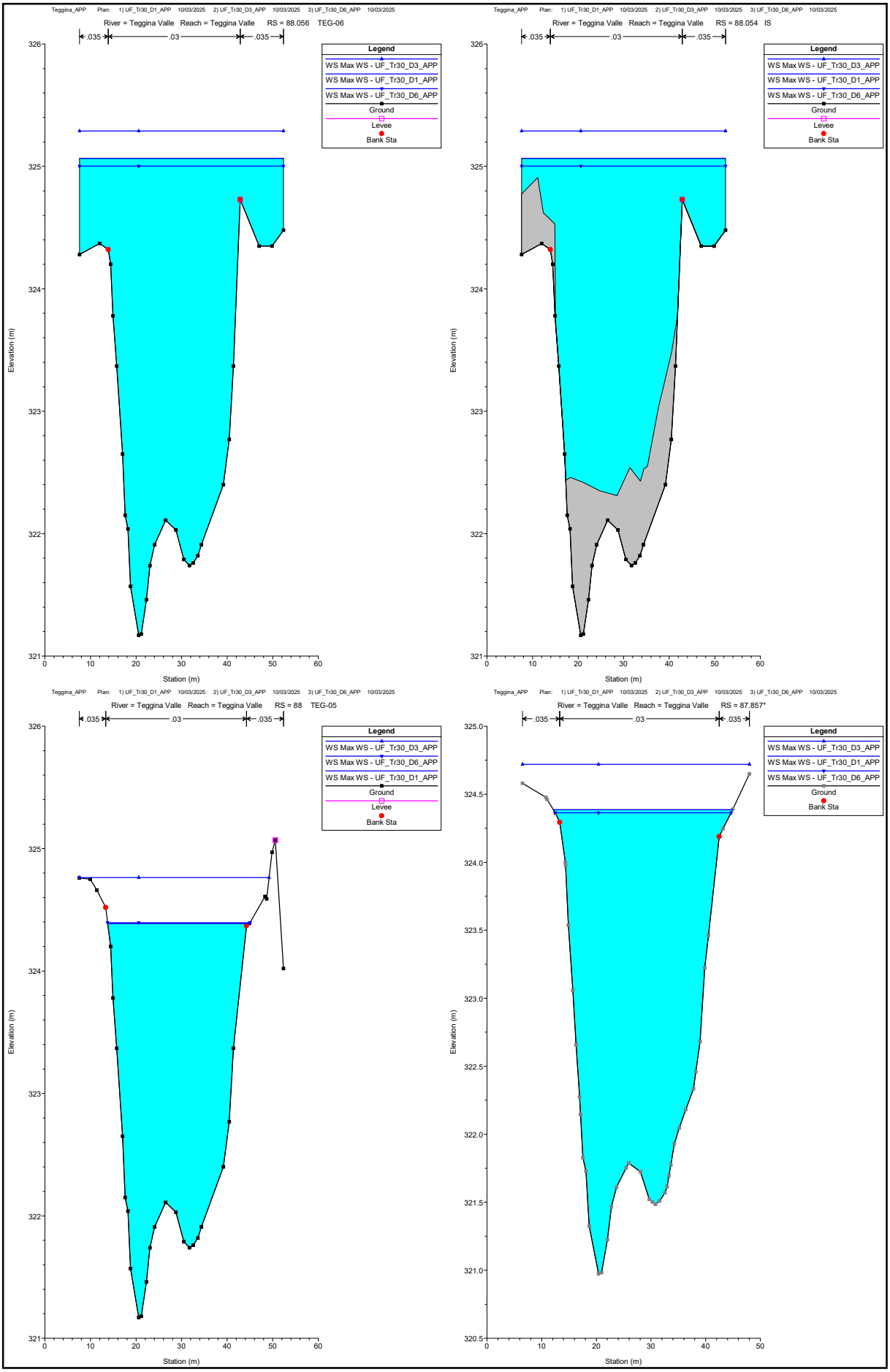
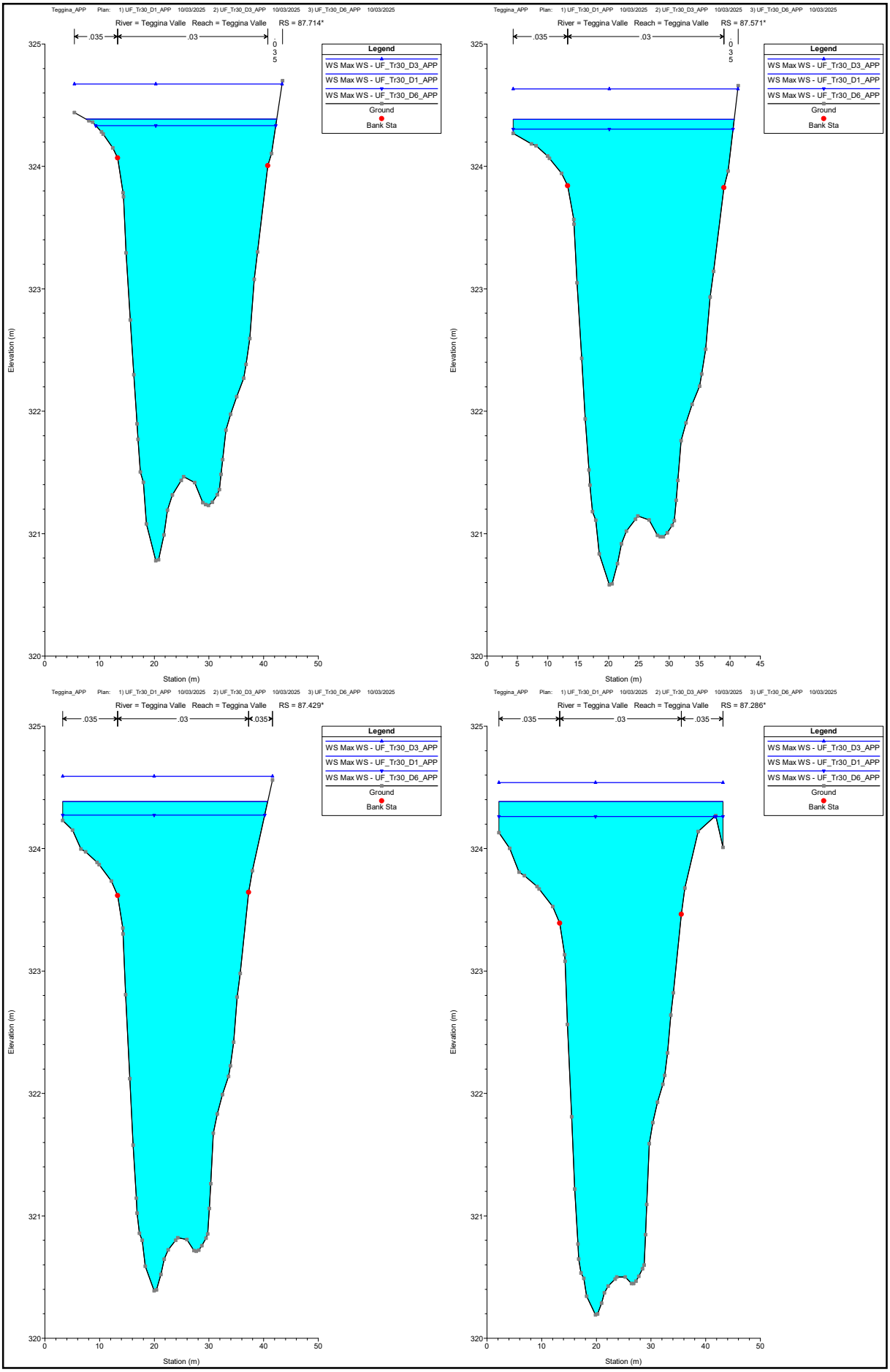
River = Teggina Valle Reach = Teggina Valle RS = 88.278*
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 88.223*
.035
.03
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 88.167*
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 88.112*
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)


Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 88.056 TEG-06
.035 .03 .035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 88.054 IS
.035 .03 .035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 88 TEG-05
.035 .03 .035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 87.857*
.035 .03 .035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)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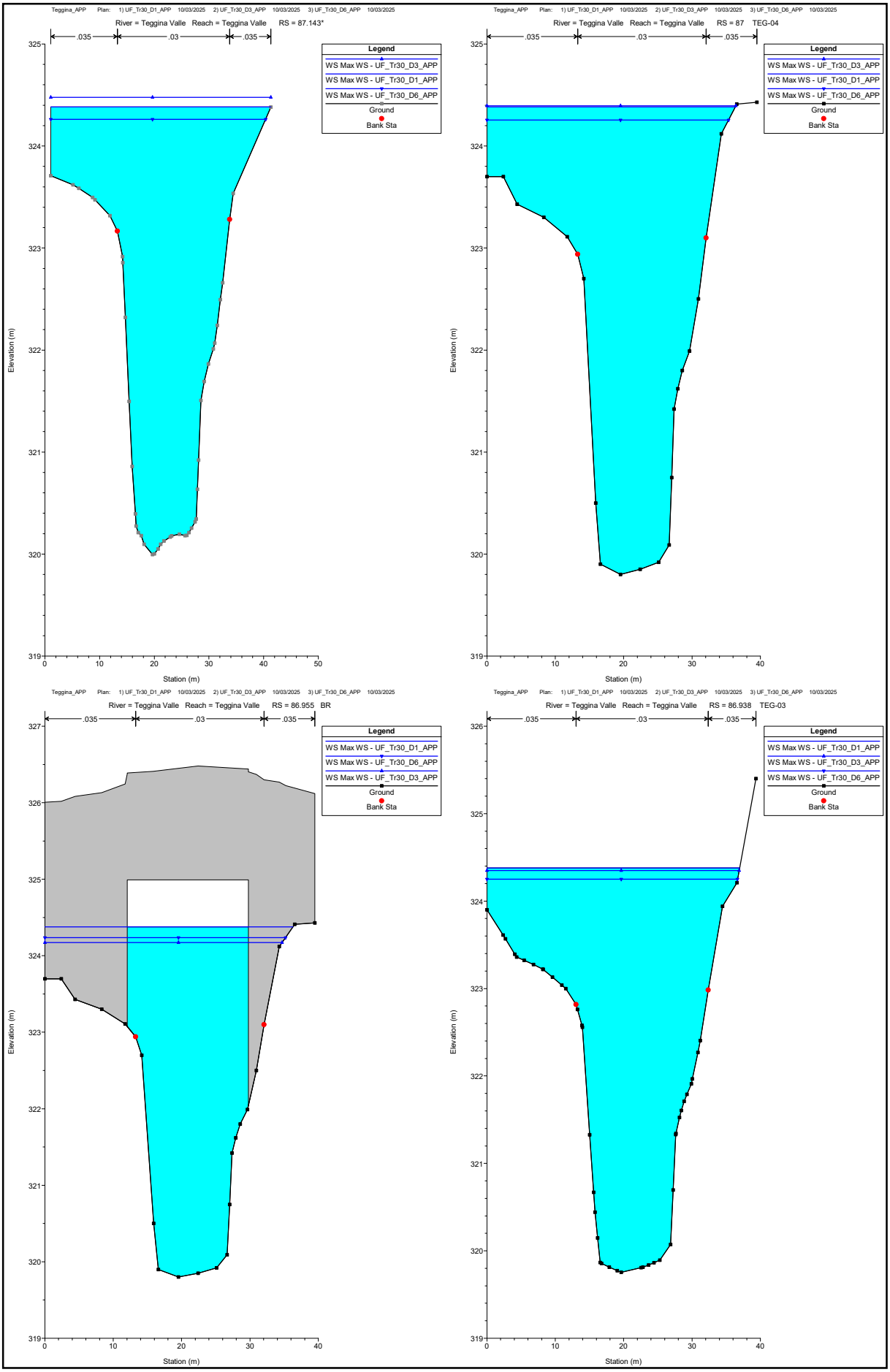
River = Teggina Valle Reach = Teggina Valle RS = 87.714*
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 87.571*
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 87.429*
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 87.286*
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)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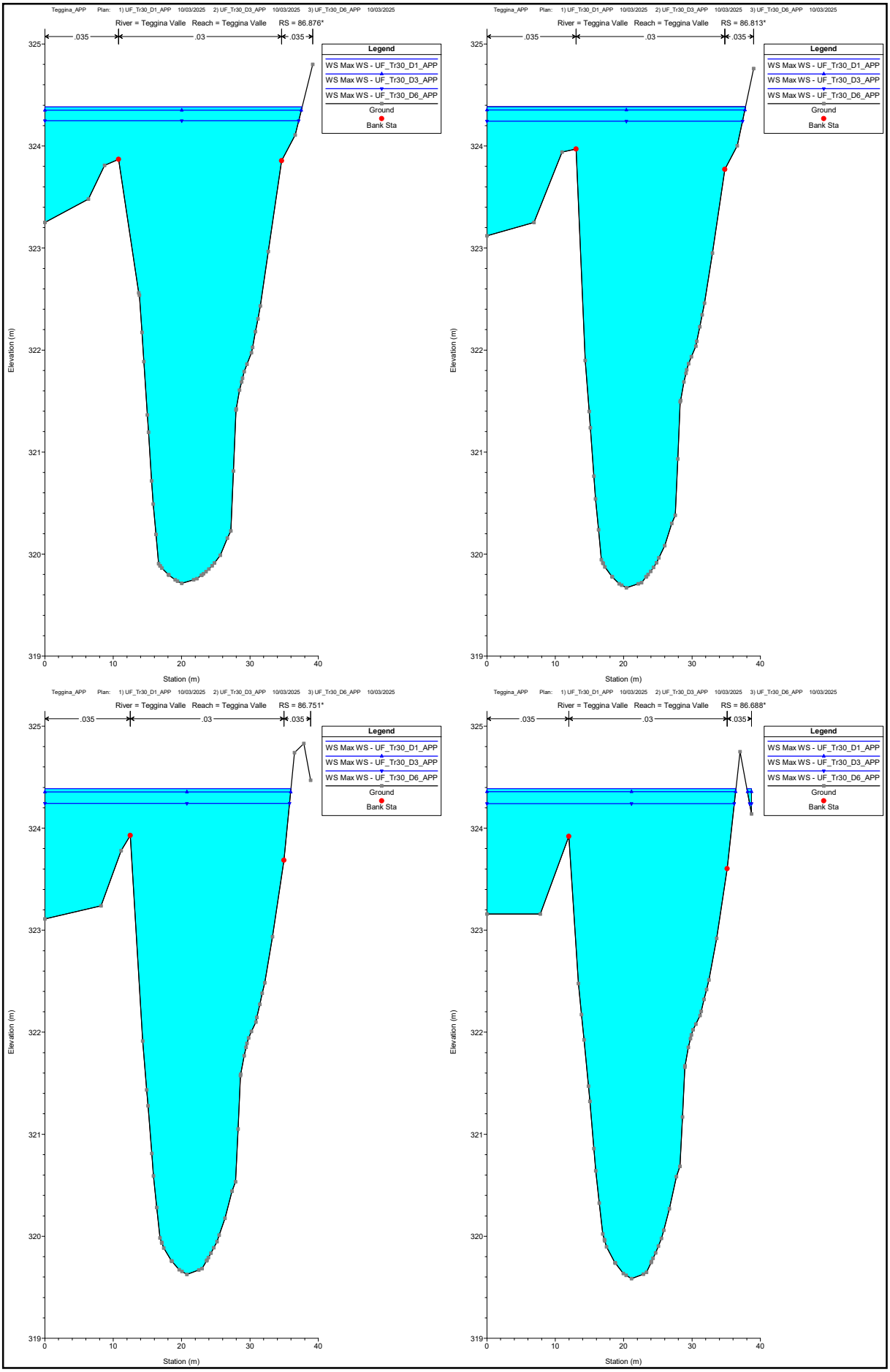
River = Teggina Valle Reach = Teggina Valle RS = 87.143*
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 87 TEG-04
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 86.955 BR
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 86.938 TEG-03
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)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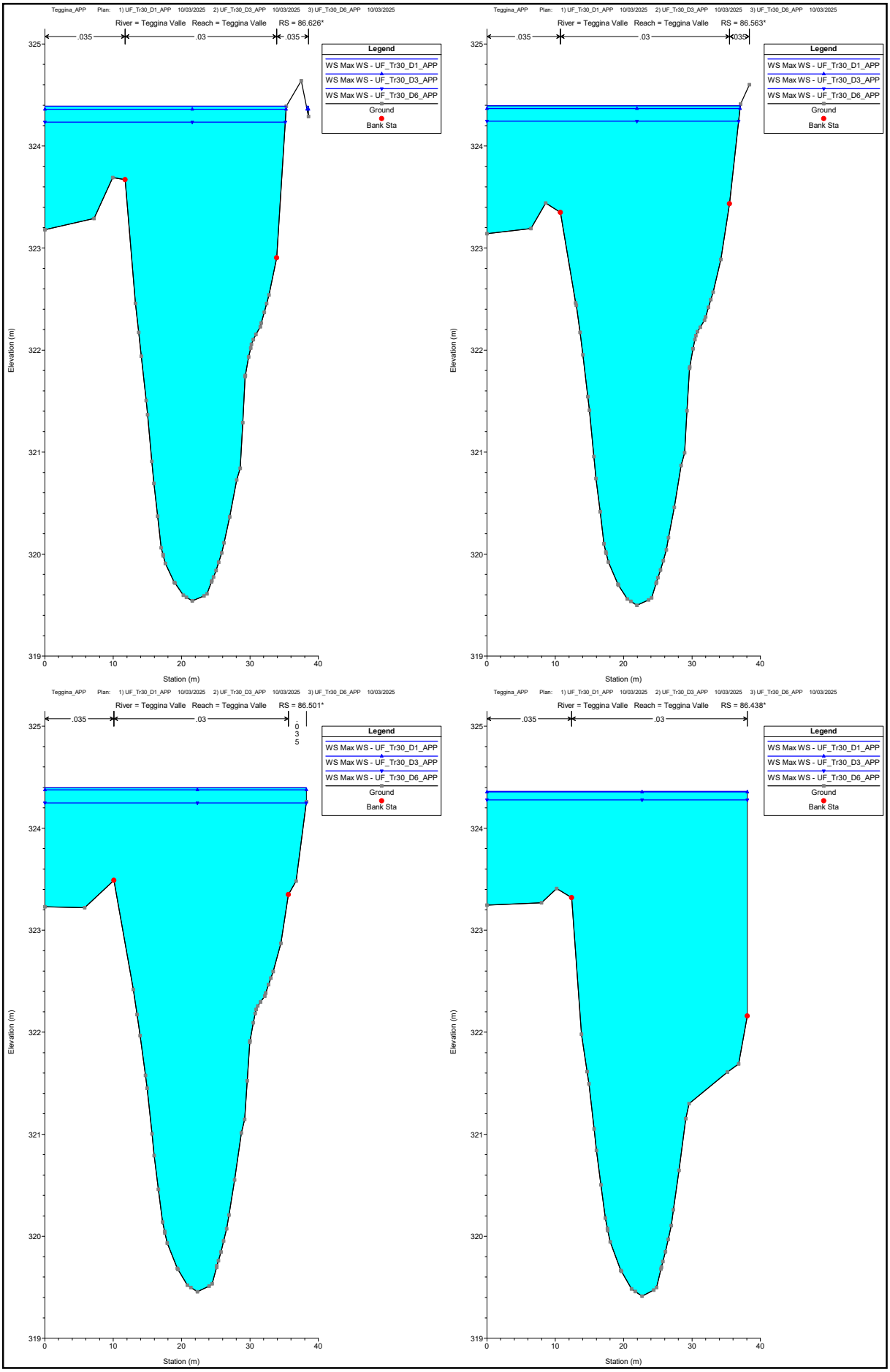
River = Teggina Valle Reach = Teggina Valle RS = 86.876*
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 86.813*
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 86.751*
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 86.688*
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)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River = Teggina Valle Reach = Teggina Valle RS = 86.626*
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 86.563*
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 86.501*
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 86.438*
.035
.03
Legend
WS Max WS - UF_Tr30_D1_APP
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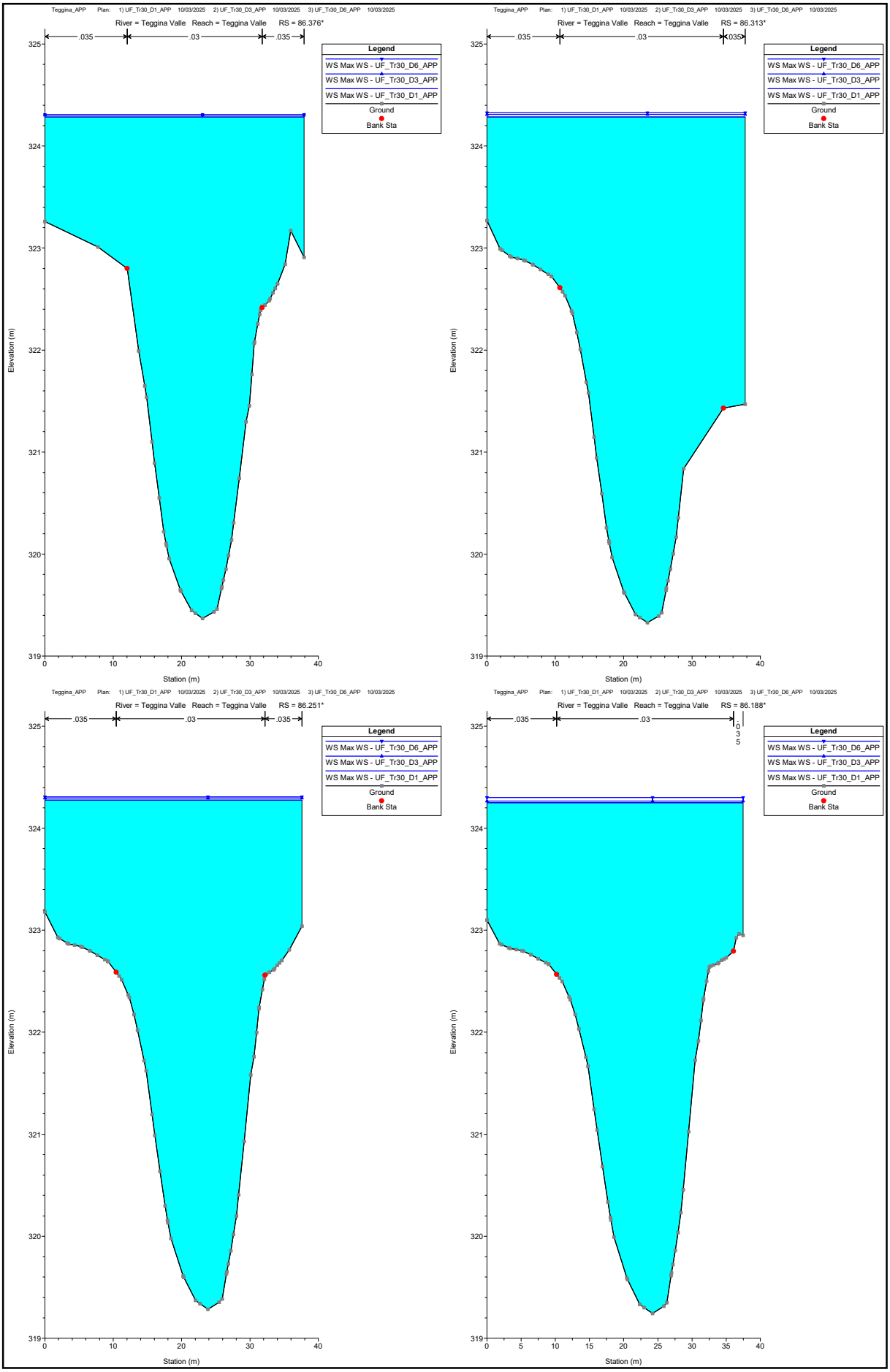
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)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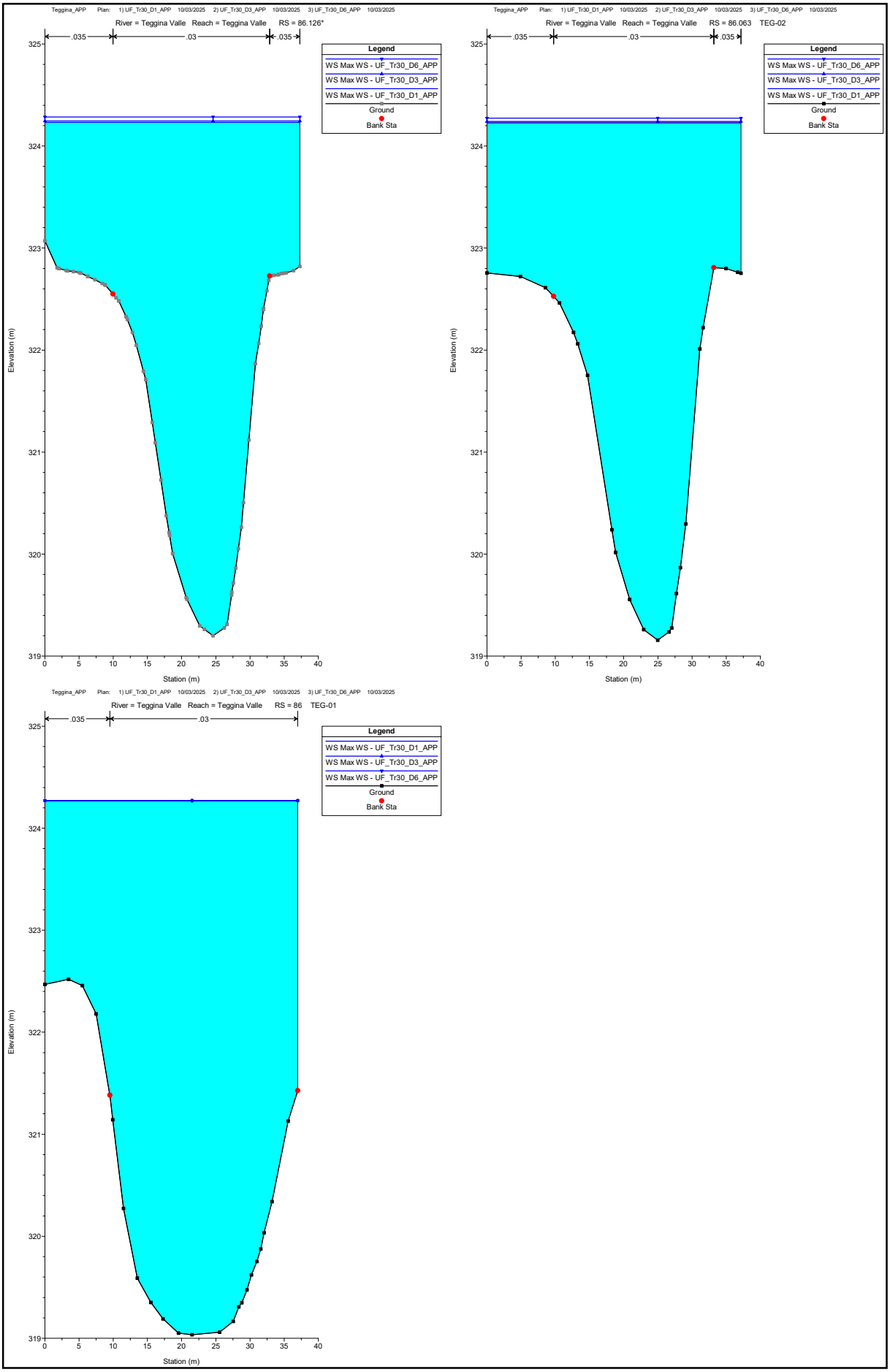
River = Teggina Valle Reach = Teggina Valle RS = 86.376*
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 86.313*
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 86.251*
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 86.188*
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)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River = Teggina Valle Reach = Teggina Valle RS = 86.126*
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 86.063 TEG-02
.035
.03
.035
Legend
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina Valle Reach = Teggina Valle RS = 86 TEG-01
.035
.03
Legend
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)

ALLEGATI

MODELLAZIONE HEC-RAS 6.3.1 "TEGGINA_APP"

TEGGINA

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 1, 3 e 6 h

Dati idraulici

HEC-RAS Profile: Max WS

River	Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
					(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Teggina Valle	Teggina Valle	97.863	Max WS	UF_Tr30_D1_APP	183.64	361.80	364.30	364.53	365.38	0.015867	4.59	0.17	0.26	40.08	29.60	1.21
Teggina Valle	Teggina Valle	97.863	Max WS	UF_Tr30_D3_APP	211.03	361.80	364.43	364.73	365.63	0.015815	4.85	0.40	0.50	44.09	32.67	1.23
Teggina Valle	Teggina Valle	97.863	Max WS	UF_Tr30_D6_APP	141.88	361.80	364.05	364.23	364.98	0.015695	4.26			33.29	25.14	1.18
Teggina Valle	Teggina Valle	97.84			Lat Struct											
Teggina Valle	Teggina Valle	97.839*	Max WS	UF_Tr30_D1_APP	183.51	361.49	363.99	364.23	365.07	0.015986	4.59	0.16	0.25	40.02	28.90	1.21
Teggina Valle	Teggina Valle	97.839*	Max WS	UF_Tr30_D3_APP	210.72	361.49	364.12	364.43	365.31	0.015891	4.84	0.40	0.44	43.90	31.92	1.23
Teggina Valle	Teggina Valle	97.839*	Max WS	UF_Tr30_D6_APP	141.86	361.49	363.74	363.92	364.67	0.015764	4.26			33.29	25.24	1.18
Teggina Valle	Teggina Valle	97.815*	Max WS	UF_Tr30_D1_APP	183.74	361.18	363.67	363.92	364.76	0.016270	4.61	0.15	0.23	39.90	28.56	1.22
Teggina Valle	Teggina Valle	97.815*	Max WS	UF_Tr30_D3_APP	210.90	361.18	363.80	364.11	365.00	0.016110	4.85	0.39	0.47	43.72	30.53	1.23
Teggina Valle	Teggina Valle	97.815*	Max WS	UF_Tr30_D6_APP	142.04	361.18	363.43	363.62	364.36	0.015929	4.27			33.24	25.32	1.19
Teggina Valle	Teggina Valle	97.791*	Max WS	UF_Tr30_D1_APP	184.01	360.88	363.37	363.58	364.47	0.015058	4.65	0.15	0.68	39.91	27.58	1.19
Teggina Valle	Teggina Valle	97.791*	Max WS	UF_Tr30_D3_APP	211.18	360.88	363.49	363.79	364.73	0.015223	4.93	0.38	0.83	43.50	28.84	1.21
Teggina Valle	Teggina Valle	97.791*	Max WS	UF_Tr30_D6_APP	142.23	360.88	363.12	363.28	364.05	0.015213	4.27		0.35	33.35	25.23	1.17
Teggina Valle	Teggina Valle	97.767*	Max WS	UF_Tr30_D1_APP	184.28	360.57	363.06	363.28	364.13	0.016110	4.58	0.17	0.21	40.26	28.59	1.22
Teggina Valle	Teggina Valle	97.767*	Max WS	UF_Tr30_D3_APP	211.45	360.57	363.18	363.47	364.38	0.016093	4.84	0.39	0.44	43.92	30.27	1.23
Teggina Valle	Teggina Valle	97.767*	Max WS	UF_Tr30_D6_APP	142.41	360.57	362.81	363.00	363.73	0.015810	4.25			33.50	25.58	1.19
Teggina Valle	Teggina Valle	97.743*	Max WS	UF_Tr30_D1_APP	184.56	360.26	362.74	362.99	363.82	0.016469	4.60	0.15	0.18	40.11	28.54	1.23
Teggina Valle	Teggina Valle	97.743*	Max WS	UF_Tr30_D3_APP	211.74	360.26	362.86	363.15	364.07	0.016462	4.86	0.37	0.41	43.71	30.18	1.25
Teggina Valle	Teggina Valle	97.743*	Max WS	UF_Tr30_D6_APP	142.59	360.26	362.50	362.69	363.42	0.015918	4.26			33.49	25.64	1.19
Teggina Valle	Teggina Valle	97.719*	Max WS	UF_Tr30_D1_APP	184.87	359.95	362.41	362.68	363.52	0.017215	4.66	0.09	0.11	39.70	28.43	1.25
Teggina Valle	Teggina Valle	97.719*	Max WS	UF_Tr30_D3_APP	212.05	359.95	362.53	362.83	363.76	0.017235	4.92	0.35	0.37	43.20	29.95	1.27
Teggina Valle	Teggina Valle	97.719*	Max WS	UF_Tr30_D6_APP	142.77	359.95	362.18	362.38	363.11	0.016101	4.27			33.42	25.68	1.20
Teggina Valle	Teggina Valle	97.695	Max WS	UF_Tr30_D1_APP	185.17	359.64	362.06	362.36	363.23	0.018679	4.78			38.72	28.07	1.30
Teggina Valle	Teggina Valle	97.695	Max WS	UF_Tr30_D3_APP	212.34	359.64	362.17	362.51	363.48	0.019189	5.07	0.29	0.28	41.90	29.45	1.33
Teggina Valle	Teggina Valle	97.695	Max WS	UF_Tr30_D6_APP	142.95	359.64	361.86	362.06	362.80	0.016419	4.30			33.25	25.66	1.21
Teggina Valle	Teggina Valle	97.69			Lat Struct											
Teggina Valle	Teggina Valle	97.671*	Max WS	UF_Tr30_D1_APP	185.06	359.27	361.69	361.92	362.63	0.018688	4.30	0.61		43.90	43.44	1.27
Teggina Valle	Teggina Valle	97.671*	Max WS	UF_Tr30_D3_APP	211.41	359.27	361.80	362.04	362.82	0.018049	4.48	0.86		48.67	43.44	1.26
Teggina Valle	Teggina Valle	97.671*	Max WS	UF_Tr30_D6_APP	143.12	359.27	361.49	361.70	362.32	0.021102	4.04	0.07		35.43	36.45	1.31
Teggina Valle	Teggina Valle	97.647*	Max WS	UF_Tr30_D1_APP	184.18	358.90	361.30	361.68	362.63	0.020481	5.14	1.06		37.74	32.19	1.37
Teggina Valle	Teggina Valle	97.647*	Max WS	UF_Tr30_D3_APP	208.22	358.90	361.42	361.85	362.84	0.020649	5.34	1.30	0.03	41.48	32.88	1.39
Teggina Valle	Teggina Valle	97.647*	Max WS	UF_Tr30_D6_APP	143.24	358.90	361.08	361.42	362.24	0.020111	4.76			30.09	23.16	1.33
Teggina Valle	Teggina Valle	97.623*	Max WS	UF_Tr30_D1_APP	182.26	358.53	360.92	361.22	362.12	0.017960	5.02	1.86		41.26	31.51	1.30
Teggina Valle	Teggina Valle	97.623*	Max WS	UF_Tr30_D3_APP	205.51	358.53	361.03	361.34	362.33	0.018450	5.24	2.03		44.73	32.13	1.32
Teggina Valle	Teggina Valle	97.623*	Max WS	UF_Tr30_D6_APP	143.33	358.53	360.72	360.99	361.75	0.017207	4.64	1.52		34.88	30.39	1.25
Teggina Valle	Teggina Valle	97.600*	Max WS	UF_Tr30_D1_APP	171.38	358.16	360.57	360.86	361.75	0.017691	4.94	1.63		39.00	31.02	1.28
Teggina Valle	Teggina Valle	97.600*	Max WS	UF_Tr30_D3_APP	188.79	358.16	360.67	360.97	361.89	0.017554	5.05	1.77		42.13	31.55	1.29
Teggina Valle	Teggina Valle	97.600*	Max WS	UF_Tr30_D6_APP	136.20	358.16	360.38	360.65	361.40	0.016848	4.55	1.29		33.21	30.05	1.23
Teggina Valle	Teggina Valle	97.576*	Max WS	UF_Tr30_D1_APP	169.80	357.80	360.25	360.37	361.11	0.014486	4.10			41.45	30.71	1.13
Teggina Valle	Teggina Valle	97.576*	Max WS	UF_Tr30_D3_APP	189.23	357.80	360.36	360.48	361.27	0.014446	4.24			44.61	31.21	1.13
Teggina Valle	Teggina Valle	97.576*	Max WS	UF_Tr30_D6_APP	136.60	357.80	360.07	360.15	360.81	0.014327	3.79			36.00	29.84	1.10
Teggina Valle	Teggina Valle	97.552*	Max WS	UF_Tr30_D1_APP	164.77	357.43	359.97	360.23	361.02	0.014297	4.65	1.32	0.67	40.52	38.95	1.16
Teggina Valle	Teggina Valle	97.552*	Max WS	UF_Tr30_D3_APP	184.91	357.43	360.07	360.35	361.20	0.014333	4.85	1.47	0.88	44.49	38.95	1.18
Teggina Valle	Teggina Valle	97.552*	Max WS	UF_Tr30_D6_APP	136.46	357.43	359.78	360.04	360.76	0.015477	4.45	1.07	0.41	33.34	32.59	1.19
Teggina Valle	Teggina Valle	97.528	Max WS	UF_Tr30_D1_APP	162.28	357.06	359.64	360.02	360.90	0.018771	4.96			32.70	22.20	1.31
Teggina Valle	Teggina Valle	97.528	Max WS	UF_Tr30_D3_APP	178.63	357.06	359.74	360.13	361.08	0.019572	5.12			34.86	23.28	1.34
Teggina Valle	Teggina Valle	97.528	Max WS	UF_Tr30_D6_APP	134.72	357.06	359.45	359.74	360.58	0.018092	4.72			28.56	20.33	1.27
Teggina Valle	Teggina Valle	97.504*	Max WS	UF_Tr30_D1_APP	162.62	356.71	359.25	359.67	360.59	0.021108	5.13	0.51		32.26	28.72	1.38
Teggina Valle	Teggina Valle	97.504*	Max WS	UF_Tr30_D3_APP	177.96	356.71	359.33	359.77	360.75	0.021409	5.29	0.72	0.19	34.66	30.18	1.40
Teggina Valle	Teggina Valle	97.504*	Max WS	UF_Tr30_D6_APP	134.53	356.71	359.08	359.44	360.26	0.019249	4.81	0.05		27.94	20.50	1.31
Teggina Valle	Teggina Valle	97.480*	Max WS	UF_Tr30_D1_APP	162.98	356.36	358.84	359.26	360.21	0.020602	5.26	1.39	0.10	34.06	29.44	1.37
Teggina Valle	Teggina Valle	97.480*	Max WS	UF_Tr30_D3_APP	178.00	356.36	358.91	359.36	360.37	0.020785	5.45	1.54	0.30	36.19	30.44	1.39
Teggina Valle	Teggina Valle	97.480*	Max WS	UF_Tr30_D6_APP	134.51	356.36	358.69	359.06	359.88	0.019850	4.90	1.10		29.64	28.00	1.33
Teggina Valle	Teggina Valle	97.456*	Max WS	UF_Tr30_D1_APP	161.93	356.01	358.48	358.68	359.44	0.015807	4.38	0.65	1.35	39.72	35.22	1.20
Teggina Valle	Teggina Valle	97.456*	Max WS	UF_Tr30_D3_APP	176.17	356.01	358.55	358.77	359.56	0.015670	4.51	0.80	1.45	42.22	35.22	1.20
Teggina Valle	Teggina Valle	97.456*	Max WS	UF_Tr30_D6_APP	134.11	356.01	358.33	358.51	359.18	0.016237	4.11	0.33	1.14	34.49	34.07	1.19
Teggina Valle	Teggina Valle	97.432*	Max WS	UF_Tr30_D1_APP	157.36	355.66	358.14	358.56	359.50	0.019085	5.25	0.52	1.28	32.77	29.00	1.33
Teggina Valle	Teggina Valle	97.432*	Max WS	UF_Tr30_D3_APP	170.08	355.66	358.21	358.65	359.64	0.018885	5.38	0.63	1.41	34.97	30.09	1.34
Teggina Valle	Teggina Valle	97.432*	Max WS	UF_Tr30_D6_APP	131.93	355.66	357.98	358.33	359.21	0.019506	4.94	0.21	0.98	28.39	26.70	1.32
Teggina Valle	Teggina Valle	97.408	Max WS	UF_Tr30_D1_APP	158.86	355.31	357.67	358.19	359.41	0.027782	5.84		0.89	27.98	24.26	1.58
Teggina Valle	Teggina Valle	97.408	Max WS	UF_Tr30_D3_APP	171.82	355.31	357.75	358.29	359.55	0.027512	5.96		1.10	29.90	24.61	1.58
Teggina Valle	Teggina Valle	97.408	Max WS	UF_Tr30_D6_APP	132.89	355.31	357.51	358.00	359.07	0.027816	5.53		0.27	24.14	22.89	1.56
Teggina Valle	Teggina Valle	97.384*	Max WS	UF_Tr30_D1_APP	159.47	354.96	357.20	357.50	358.39	0.019705	4.82			33.07	23.94	1.31
Teggina Valle	Teggina Valle	97.384*	Max WS	UF_Tr30_D3_APP	172.73	354.96	357.29	357.60	358.52	0.019445	4.92			35.11	24.35	1.31
Teggina Valle	Teggina Valle	97.384*	Max WS	UF_Tr30_D6_APP	132.67	354.96	357.05	357.28	358.09	0.019233	4.51			29.40	23.23	1.28
Teggina Valle	Teggina Valle	97.360*	Max WS	UF_Tr30_D1_APP	157.05	354.61	356.82	357.12	358.03	0.019464	4.88			32.19	22.55	1.30
Teggina Valle	Teggina Valle	97.360*	Max WS	UF_Tr30_D3_APP	169.14	354.61	356.91	357.21	358.15	0.018816	4.93			34.33	23.02	1.29
Teggina Valle	Teggina Valle	97.360*	Max WS	UF_Tr30_D6_APP	135.58	354.61	356.66	356.94	357.80	0.020310	4.73			28.66	21.84	1.32
Teggina Valle	Teggina Valle	97.336*	Max WS	UF_Tr30_D1_APP	151.59	354.25	356.46	356.69	357.58	0.016617	4.69			32.34	21.16	1.21
Teggina Valle	Teggina Valle	97.336*	Max WS	UF_Tr30_D3_APP	163.17	354.25	356.57	356.79	357.70	0.015880	4.71			34.65	21.68	1.19
Teggina Valle	Teggina Valle	97.336*	Max WS	UF_Tr30_D6_APP	133.86	354.25	356.27	356.53	357.40	0.018889	4.71			28.41	20.46	1.28
Teggina Valle	Teggina Valle	97.312	Max WS	UF_Tr30_D1_APP	161.55	353.90	356.13	356.42	357.43	0.016518	5.04			32.04	18.60	1.23
Teggina Valle	Teggina Valle	97.312	Max WS	UF_Tr30_D3_APP	174.90	353.90	356.25	356.56	357.58	0.016106	5.10			34.28	19.10	1.22
Teggina Valle	Teggina Valle	97.312	Max WS	UF_Tr30_D6_APP	137.93	353.90	355.92	356.19	357.14	0.017381	4.89			28.21	18.02	1.25
Teggina Valle	Teggina Valle	97.288*	Max WS	UF_Tr30_D1_APP	170.03	353.54	355.80	356.15	357.17	0.016905	5.20		0.94	33.21	20.89	1.26
Teggina Valle	Teggina Valle	97.288*	Max WS	UF_Tr30_D3_APP	185.66	353.54	355.93	356.31	357.34	0.016345	5.27		1.13	35.93	21.44	1.25
Teggina Valle	Teggina Valle	97.288*	Max WS	UF_Tr30_D6_APP	142.39	353.54	355.57	355.90	356.85	0.017919	5.01		0.65	28.61	19.49	1.28
Teggina Valle	Teggina Valle	97.264*	Max WS	UF_Tr30_D1_APP	173.72	353.19	355.47	355.85	356.84	0.016855	5.21		1.05	34.09	21.92	1.27
Teggina Valle	Teggina Valle	97.264*	Max WS	UF_Tr30_D3_APP	191.86	353.19	355.60	356.03	357.03	0.016398	5.31		1.16	37.19	23.04	1.26
Teggina Valle	Teggina Valle	97.264*	Max WS	UF_Tr30_D6_APP	142.23	353.19	355.22	355.54	356.48	0.017668	4.97		0.80	28.93	20.14	1.27
Teggina Valle	Teggina Valle	97.240*	Max WS	UF_Tr30_D1_APP	176.43	352.83	355.14	355.50	356.49	0.016449	5.18		1.17	35.13	22.73	1.25
Teggina Valle	Teggina Valle	97.240*	Max WS	UF_Tr30_D3_APP	196.37	352.83	355.28	355.64	356.69	0.016043	5.29		1.29	38.56	23.94	1.25
Teggina Valle	Teggina Valle	97.240*	Max WS	UF_Tr30_D6_APP	142.11	352.83	354.88	355.18	356.10	0.017211	4.91		0.93	29.46	20.85	1.26
Teggina Valle	Teggina Valle	97.216	Max WS	UF_Tr30_D1_APP	177.88	352.47	354.82	355.14	356.11	0.015386	5.06		1.27	36.62	23.62	1.22
Teggina Valle	Teggina Valle	97.216	Max WS	UF_Tr30_D3_APP	198.90	352.47	354.98	355.29	356.32	0.014999	5.17		1.38	40.38	24.92	1.21
Teggina Valle	Teggina Valle	97.216	Max WS	UF_Tr30_D6_APP	142.08	352.47	354.54	354.82	355.71	0.016382	4.81		1.05	30.33	21.67	1.23
Teggina Valle	Teggina Valle	97.192	Max WS	UF_Tr30_D1_APP	178.69	352.12	354.49	354.88	355.95	0.017829	5.35	0.34		33.45	19.30	1.27
Teggina Valle	Teggina Valle	97.192	Max WS	UF_Tr30_D3_APP	200.06	352.12	354.65	355.06	356.19	0.017736	5.49	0.59		36.71	21.26	1.27
Teggina Valle	Teggina Valle	97.192	Max WS	UF_Tr30_D6_APP	142.29	352.12	354.20	354.51	355.50	0.018214	5.05			28.19	17.41	1.27

HEC-RAS Profile: Max WS (Continued)

River	Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
					(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Teggina Valle	Teggina Valle	97.19			Lat Struct											
Teggina Valle	Teggina Valle	97.18			Lat Struct											
Teggina Valle	Teggina Valle	97.168*	Max WS	UF_Tr30_D1_APP	179.03	351.76	354.15	354.51	355.62	0.017064	5.38			33.28	18.24	1.27
Teggina Valle	Teggina Valle	97.168*	Max WS	UF_Tr30_D3_APP	200.37	351.76	354.31	354.72	355.86	0.016913	5.52			36.33	18.95	1.27
Teggina Valle	Teggina Valle	97.168*	Max WS	UF_Tr30_D6_APP	142.42	351.76	353.85	354.16	355.17	0.017512	5.09			27.99	17.21	1.27
Teggina Valle	Teggina Valle	97.144*	Max WS	UF_Tr30_D1_APP	179.37	351.40	353.81	354.19	355.29	0.017163	5.39			33.27	18.15	1.27
Teggina Valle	Teggina Valle	97.144*	Max WS	UF_Tr30_D3_APP	200.67	351.40	353.98	354.40	355.53	0.016937	5.52			36.36	18.86	1.27
Teggina Valle	Teggina Valle	97.144*	Max WS	UF_Tr30_D6_APP	142.57	351.40	353.50	353.82	354.84	0.017750	5.12			27.84	17.02	1.28
Teggina Valle	Teggina Valle	97.120	Max WS	UF_Tr30_D1_APP	179.71	351.04	353.48	353.84	354.96	0.016047	5.38			33.42	18.07	1.26
Teggina Valle	Teggina Valle	97.120	Max WS	UF_Tr30_D3_APP	201.07	351.04	353.65	354.06	355.19	0.015782	5.50			36.59	18.82	1.26
Teggina Valle	Teggina Valle	97.120	Max WS	UF_Tr30_D6_APP	142.74	351.04	353.16	353.49	354.50	0.016760	5.14			27.80	16.84	1.28
Teggina Valle	Teggina Valle	97.096*	Max WS	UF_Tr30_D1_APP	180.07	350.69	353.17	353.50	354.61	0.015617	5.32			33.84	18.10	1.24
Teggina Valle	Teggina Valle	97.096*	Max WS	UF_Tr30_D3_APP	201.74	350.69	353.34	353.73	354.85	0.015318	5.43			37.13	18.89	1.24
Teggina Valle	Teggina Valle	97.096*	Max WS	UF_Tr30_D6_APP	142.91	350.69	352.83	353.15	354.16	0.016667	5.12			27.92	16.84	1.27
Teggina Valle	Teggina Valle	97.072*	Max WS	UF_Tr30_D1_APP	180.41	350.33	352.87	353.18	354.26	0.013926	5.22			34.58	18.16	1.21
Teggina Valle	Teggina Valle	97.072*	Max WS	UF_Tr30_D3_APP	201.87	350.33	353.06	353.41	354.50	0.013652	5.31			38.00	19.06	1.20
Teggina Valle	Teggina Valle	97.072*	Max WS	UF_Tr30_D6_APP	143.09	350.33	352.51	352.81	353.82	0.015125	5.06			28.29	16.75	1.24
Teggina Valle	Teggina Valle	97.048	Max WS	UF_Tr30_D1_APP	180.75	349.97	352.62	352.85	353.91	0.011862	5.03			35.96	18.37	1.15
Teggina Valle	Teggina Valle	97.048	Max WS	UF_Tr30_D3_APP	202.08	349.97	352.81	353.04	354.14	0.011669	5.11			39.52	19.37	1.14
Teggina Valle	Teggina Valle	97.048	Max WS	UF_Tr30_D6_APP	143.26	349.97	352.24	352.47	353.46	0.012747	4.89			29.28	16.58	1.18
Teggina Valle	Teggina Valle	97.024*	Max WS	UF_Tr30_D1_APP	182.30	349.62	352.40	352.52	353.57	0.010454	4.79			38.09	18.92	1.08
Teggina Valle	Teggina Valle	97.024*	Max WS	UF_Tr30_D3_APP	204.36	349.62	352.59	352.75	353.81	0.010425	4.89			41.77	19.99	1.08
Teggina Valle	Teggina Valle	97.024*	Max WS	UF_Tr30_D6_APP	143.65	349.62	352.00	352.14	353.10	0.011158	4.64			30.95	17.03	1.10
Teggina Valle	Teggina Valle	97	Max WS	UF_Tr30_D1_APP	185.12	349.26	352.21	352.22	353.26	0.008597	4.55			40.72	19.58	1.01
Teggina Valle	Teggina Valle	97	Max WS	UF_Tr30_D3_APP	208.05	349.26	352.40	352.43	353.51	0.008708	4.68			44.45	20.64	1.02
Teggina Valle	Teggina Valle	97	Max WS	UF_Tr30_D6_APP	144.81	349.26	351.80	351.81	352.77	0.008744	4.36			33.21	17.27	1.00
Teggina Valle	Teggina Valle	96.889	Max WS	UF_Tr30_D1_APP	186.71	348.94	352.06		352.90	0.006353	4.06			45.94	21.14	0.88
Teggina Valle	Teggina Valle	96.889	Max WS	UF_Tr30_D3_APP	210.35	348.94	352.24	352.09	353.14	0.006935	4.20	0.54		50.23	25.28	0.92
Teggina Valle	Teggina Valle	96.889	Max WS	UF_Tr30_D6_APP	145.27	348.94	351.65		352.41	0.006466	3.85			37.69	19.17	0.88
Teggina Valle	Teggina Valle	96.778*	Max WS	UF_Tr30_D1_APP	188.85	348.62	351.95		352.61	0.004834	3.61	0.59		52.62	25.51	0.78
Teggina Valle	Teggina Valle	96.778*	Max WS	UF_Tr30_D3_APP	213.32	348.62	352.12		352.85	0.004822	3.77	0.86		57.01	25.51	0.78
Teggina Valle	Teggina Valle	96.778*	Max WS	UF_Tr30_D6_APP	145.84	348.62	351.54		352.13	0.004554	3.38			43.13	20.74	0.75
Teggina Valle	Teggina Valle	96.667*	Max WS	UF_Tr30_D1_APP	191.85	348.31	351.87		352.40	0.003304	3.22	0.81		60.14	25.75	0.66
Teggina Valle	Teggina Valle	96.667*	Max WS	UF_Tr30_D3_APP	217.56	348.31	352.04		352.63	0.003417	3.41	0.96		64.52	25.75	0.67
Teggina Valle	Teggina Valle	96.667*	Max WS	UF_Tr30_D6_APP	147.13	348.31	351.50		351.93	0.003324	2.92	0.29		50.53	25.74	0.65
Teggina Valle	Teggina Valle	96.556	Max WS	UF_Tr30_D1_APP	195.07	347.99	351.87		352.28	0.002181	2.84	0.84		69.51	25.98	0.54
Teggina Valle	Teggina Valle	96.556	Max WS	UF_Tr30_D3_APP	218.14	347.99	352.04		352.49	0.002261	2.99	0.93		73.84	25.98	0.56
Teggina Valle	Teggina Valle	96.556	Max WS	UF_Tr30_D6_APP	147.24	347.99	351.51		351.82	0.001941	2.46	0.60		60.22	25.98	0.51
Teggina Valle	Teggina Valle	96.445*	Max WS	UF_Tr30_D1_APP	198.67	347.67	351.88		352.22	0.001522	2.57	0.84		78.69	26.21	0.46
Teggina Valle	Teggina Valle	96.445*	Max WS	UF_Tr30_D3_APP	218.87	347.67	352.09		352.44	0.001508	2.65	0.90		84.05	26.21	0.46
Teggina Valle	Teggina Valle	96.445*	Max WS	UF_Tr30_D6_APP	148.04	347.67	351.55		351.78	0.001217	2.15	0.62		69.88	26.21	0.41
Teggina Valle	Teggina Valle	96.333*	Max WS	UF_Tr30_D1_APP	200.41	347.35	351.90		352.18	0.001100	2.33	0.82		87.73	26.44	0.40
Teggina Valle	Teggina Valle	96.333*	Max WS	UF_Tr30_D3_APP	218.68	347.35	352.16		352.44	0.001041	2.36	0.86		94.59	26.44	0.39
Teggina Valle	Teggina Valle	96.333*	Max WS	UF_Tr30_D6_APP	147.52	347.35	351.59		351.77	0.000808	1.89	0.61		79.39	26.44	0.34
Teggina Valle	Teggina Valle	96.222	Max WS	UF_Tr30_D1_APP	199.66	347.04	351.93		352.16	0.000813	2.12	0.79		96.58	26.67	0.34
Teggina Valle	Teggina Valle	96.222	Max WS	UF_Tr30_D3_APP	224.92	347.04	352.17		352.43	0.000849	2.24	0.86		103.05	26.67	0.35
Teggina Valle	Teggina Valle	96.222	Max WS	UF_Tr30_D6_APP	150.05	347.04	351.61		351.76	0.000609	1.74	0.61		87.98	26.67	0.30
Teggina Valle	Teggina Valle	96.221			Lat Struct											
Teggina Valle	Teggina Valle	96.111	Max WS	UF_Tr30_D1_APP	181.56	346.72	352.02	349.54	352.17	0.000484	1.71	0.50		107.84	26.90	0.27
Teggina Valle	Teggina Valle	96.111	Max WS	UF_Tr30_D3_APP	205.73	346.72	352.25	349.71	352.42	0.000526	1.83	0.54		113.84	26.90	0.28
Teggina Valle	Teggina Valle	96.111	Max WS	UF_Tr30_D6_APP	144.40	346.72	351.64	349.23	351.75	0.000420	1.50	0.43		97.38	26.90	0.25
Teggina Valle	Teggina Valle	96.1			Inl Struct											
Teggina Valle	Teggina Valle	96	Max WS	UF_Tr30_D1_APP	181.56	346.40	350.32		350.68	0.001836	2.65	0.52		69.15	27.13	0.50
Teggina Valle	Teggina Valle	96	Max WS	UF_Tr30_D3_APP	200.88	346.40	350.68		351.02	0.001529	2.60	0.75		78.73	27.13	0.47
Teggina Valle	Teggina Valle	96	Max WS	UF_Tr30_D6_APP	144.39	346.40	349.60		350.01	0.002941	2.84			50.83	23.86	0.62
Teggina Valle	Teggina Valle	95.800*	Max WS	UF_Tr30_D1_APP	194.72	346.23	350.19		350.62	0.002224	2.93			66.46	23.61	0.56
Teggina Valle	Teggina Valle	95.800*	Max WS	UF_Tr30_D3_APP	217.68	346.23	350.53		350.96	0.001957	2.92	0.13		74.66	24.41	0.53
Teggina Valle	Teggina Valle	95.800*	Max WS	UF_Tr30_D6_APP	150.57	346.23	349.49		349.94	0.003007	2.99			50.33	22.25	0.64
Teggina Valle	Teggina Valle	95.600*	Max WS	UF_Tr30_D1_APP	195.09	346.07	350.15		350.58	0.002050	2.90			67.18	22.62	0.54
Teggina Valle	Teggina Valle	95.600*	Max WS	UF_Tr30_D3_APP	218.84	346.07	350.49		350.93	0.001875	2.92			74.93	23.08	0.52
Teggina Valle	Teggina Valle	95.600*	Max WS	UF_Tr30_D6_APP	150.08	346.07	349.45		349.88	0.002584	2.90			51.78	21.17	0.59
Teggina Valle	Teggina Valle	95.400	Max WS	UF_Tr30_D1_APP	195.37	345.90	350.13		350.55	0.001900	2.87			68.08	21.58	0.52
Teggina Valle	Teggina Valle	95.400	Max WS	UF_Tr30_D3_APP	219.09	345.90	350.46		350.89	0.001776	2.90			75.45	22.11	0.50
Teggina Valle	Teggina Valle	95.400	Max WS	UF_Tr30_D6_APP	150.05	345.90	349.43		349.83	0.002260	2.81			53.36	20.26	0.55
Teggina Valle	Teggina Valle	95.200*	Max WS	UF_Tr30_D1_APP	195.65	345.74	350.10		350.51	0.001786	2.85			68.71	20.70	0.50
Teggina Valle	Teggina Valle	95.200*	Max WS	UF_Tr30_D3_APP	219.33	345.74	350.43		350.86	0.001701	2.90			75.76	21.26	0.49
Teggina Valle	Teggina Valle	95.200*	Max WS	UF_Tr30_D6_APP	150.18	345.74	349.40		349.79	0.002003	2.74			54.78	19.39	0.52
Teggina Valle	Teggina Valle	95.1			Lat Struct											
Teggina Valle	Teggina Valle	95	Max WS	UF_Tr30_D1_APP	195.93	345.57	350.07	348.53	350.48	0.001699	2.82			69.36	19.66	0.48
Teggina Valle	Teggina Valle	95	Max WS	UF_Tr30_D3_APP	219.58	345.57	350.41	348.72	350.83	0.001657	2.89			76.04	20.35	0.48
Teggina Valle	Teggina Valle	95	Max WS	UF_Tr30_D6_APP	150.34	345.57	349.39	348.13	349.75	0.001803	2.67			56.27	18.48	0.49
Teggina Valle	Teggina Valle	94.9			Bridge											
Teggina Valle	Teggina Valle	94.889	Max WS	UF_Tr30_D1_APP	195.92	345.32	348.35	348.35	349.50	0.007767	4.75			41.24	18.14	1.01
Teggina Valle	Teggina Valle	94.889	Max WS	UF_Tr30_D3_APP	219.58	345.32	348.55	348.54	349.77	0.007576	4.89			44.91	18.37	1.00
Teggina Valle	Teggina Valle	94.889	Max WS	UF_Tr30_D6_APP	150.33	345.32	347.93	347.96	348.94	0.008299	4.45			33.81	17.66	1.03
Teggina Valle	Teggina Valle	94.778*	Max WS	UF_Tr30_D1_APP	196.23	345.08	348.21	348.17	349.30	0.007305	4.62			42.44	18.74	0.98
Teggina Valle	Teggina Valle	94.778*	Max WS	UF_Tr30_D3_APP	219.84	345.08	348.41	348.36	349.56	0.007074	4.75			46.30	18.99	0.97
Teggina Valle	Teggina Valle	94.778*	Max WS	UF_Tr30_D6_APP	150.50	345.08	347.78	347.79	348.75	0.007941	4.35			34.58	18.19	1.01
Teggina Valle	Teggina Valle	94.667*	Max WS	UF_Tr30_D1_APP	196.53	344.83	348.08	348.00	349.11	0.006800	4.48			43.83	19.33	0.95
Teggina Valle	Teggina Valle	94.667*	Max WS	UF_Tr30_D3_APP	216.25	344.83	348.29		349.33	0.006290	4.51			47.97	19.61	0.92
Teggina Valle	Teggina Valle	94.667*	Max WS	UF_Tr30_D6_APP	150.66	344.83	347.64	347.61	348.56	0.007441	4.24			35.54	18.55	0.98
Teggina Valle	Teggina Valle	94.556*	Max WS	UF_Tr30_D1_APP	196.82	344.59	347.96		348.92	0.006231	4.33			45.46	19.82	0.91
Teggina Valle	Teggina Valle	94.556*	Max WS	UF_Tr30_D3_APP	215.32	344.59	348.18		349.13	0.005658	4.31			49.92	20.20	0.88
Teggina Valle	Teggina Valle	94.556*	Max WS	UF_Tr30_D6_APP	150.84	344.59	347.51		348.37	0.006829	4.10			36.78	18.91	0.94
Teggina Valle	Teggina Valle	94.444*	Max WS	UF_Tr30_D1_APP	197.12	344.34	347.85		348.74	0.005605	4.16			47.39	20.22	0.87
Teggina Valle	Teggina Valle	94.444*	Max WS	UF_Tr30_D3_APP	213.78	344.34	348.09		348.94	0.004982	4.10			52.18	20.72	0.82

HEC-RAS Profile: Max WS (Continued)

River	Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
					(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Teggina Valle	Teggina Valle	94.444*	Max WS	UF_Tr30_D6_APP	151.00	344.34	347.40		348.19	0.006094	3.94			38.37	19.19	0.89
Teggina Valle	Teggina Valle	94.333*	Max WS	UF_Tr30_D1_APP	194.76	344.10	347.76		348.54	0.004817	3.92			49.72	20.63	0.81
Teggina Valle	Teggina Valle	94.333*	Max WS	UF_Tr30_D3_APP	210.53	344.10	348.00		348.75	0.004238	3.84			54.83	21.17	0.76
Teggina Valle	Teggina Valle	94.333*	Max WS	UF_Tr30_D6_APP	151.17	344.10	347.29		348.01	0.005320	3.75			40.35	19.51	0.83
Teggina Valle	Teggina Valle	94.222*	Max WS	UF_Tr30_D1_APP	194.60	343.85	347.68		348.38	0.004161	3.71			52.45	21.03	0.75
Teggina Valle	Teggina Valle	94.222*	Max WS	UF_Tr30_D3_APP	220.56	343.85	347.92		348.66	0.004091	3.83			57.55	21.59	0.75
Teggina Valle	Teggina Valle	94.222*	Max WS	UF_Tr30_D6_APP	151.34	343.85	347.20		347.84	0.004552	3.54			42.74	19.88	0.77
Teggina Valle	Teggina Valle	94.111	Max WS	UF_Tr30_D1_APP	194.69	343.61	347.63	346.97	348.24	0.003480	3.48			56.01	21.50	0.69
Teggina Valle	Teggina Valle	94.111	Max WS	UF_Tr30_D3_APP	217.65	343.61	347.87	347.15	348.51	0.003356	3.55			61.31	22.09	0.68
Teggina Valle	Teggina Valle	94.111	Max WS	UF_Tr30_D6_APP	151.50	343.61	347.14	346.58	347.70	0.003773	3.31			45.79	20.31	0.70
Teggina Valle	Teggina Valle	94.06			Bridge											
Teggina Valle	Teggina Valle	94	Max WS	UF_Tr30_D1_APP	194.69	343.36	346.48	346.73	347.87	0.010987	5.22			37.27	18.53	1.18
Teggina Valle	Teggina Valle	94	Max WS	UF_Tr30_D3_APP	217.65	343.36	346.62	346.92	348.13	0.011367	5.45			39.91	19.05	1.20
Teggina Valle	Teggina Valle	94	Max WS	UF_Tr30_D6_APP	151.50	343.36	346.17	346.33	347.33	0.010330	4.76			31.81	17.40	1.12
Teggina Valle	Teggina Valle	93.917*	Max WS	UF_Tr30_D1_APP	194.99	343.17	346.26	346.55	347.73	0.011609	5.37			36.34	18.06	1.21
Teggina Valle	Teggina Valle	93.917*	Max WS	UF_Tr30_D3_APP	217.52	343.17	346.40	346.72	348.00	0.011945	5.61			38.77	18.35	1.23
Teggina Valle	Teggina Valle	93.917*	Max WS	UF_Tr30_D6_APP	151.66	343.17	345.97	346.17	347.18	0.011073	4.87			31.15	17.44	1.16
Teggina Valle	Teggina Valle	93.833*	Max WS	UF_Tr30_D1_APP	195.31	342.99	346.04	346.50	347.60	0.012396	5.53		0.65	36.19	28.75	1.25
Teggina Valle	Teggina Valle	93.833*	Max WS	UF_Tr30_D3_APP	217.48	342.99	346.17	346.66	347.82	0.012354	5.72		1.15	39.96	28.91	1.26
Teggina Valle	Teggina Valle	93.833*	Max WS	UF_Tr30_D6_APP	151.79	342.99	345.76	346.14	347.04	0.011944	5.02			30.22	17.15	1.21
Teggina Valle	Teggina Valle	93.750*	Max WS	UF_Tr30_D1_APP	195.62	342.80	345.82	345.99	346.89	0.010743	4.57			42.84	26.83	1.15
Teggina Valle	Teggina Valle	93.750*	Max WS	UF_Tr30_D3_APP	217.39	342.80	345.96	346.12	347.07	0.010587	4.68			46.49	27.77	1.15
Teggina Valle	Teggina Valle	93.750*	Max WS	UF_Tr30_D6_APP	151.86	342.80	345.55	345.68	346.47	0.010466	4.25			35.75	24.47	1.12
Teggina Valle	Teggina Valle	93.667*	Max WS	UF_Tr30_D1_APP	194.82	342.61	345.65	345.75	346.64	0.007913	4.73		2.78	46.92	26.54	1.02
Teggina Valle	Teggina Valle	93.667*	Max WS	UF_Tr30_D3_APP	213.96	342.61	345.79	345.86	346.81	0.007669	4.81		2.91	50.61	26.74	1.02
Teggina Valle	Teggina Valle	93.667*	Max WS	UF_Tr30_D6_APP	151.76	342.61	345.38	345.46	346.23	0.007706	4.37		2.35	39.76	26.15	1.00
Teggina Valle	Teggina Valle	93.6			Lat Struct											
Teggina Valle	Teggina Valle	93.583*	Max WS	UF_Tr30_D1_APP	193.33	342.42	345.49	345.70	346.63	0.008894	5.03		2.74	43.92	25.56	1.09
Teggina Valle	Teggina Valle	93.583*	Max WS	UF_Tr30_D3_APP	212.16	342.42	345.64	345.82	346.79	0.008536	5.09		2.89	47.62	25.80	1.07
Teggina Valle	Teggina Valle	93.583*	Max WS	UF_Tr30_D6_APP	153.02	342.42	345.22	345.42	346.24	0.008878	4.72		2.30	37.09	25.12	1.07
Teggina Valle	Teggina Valle	93.500*	Max WS	UF_Tr30_D1_APP	193.77	342.23	345.34	345.58	346.48	0.007793	5.07	2.29	1.81	46.70	31.25	1.05
Teggina Valle	Teggina Valle	93.500*	Max WS	UF_Tr30_D3_APP	210.15	342.23	345.49	345.68	346.59	0.007041	5.02	2.37	1.96	51.50	31.25	1.01
Teggina Valle	Teggina Valle	93.500*	Max WS	UF_Tr30_D6_APP	152.83	342.23	345.06	345.32	346.12	0.008109	4.77	1.93	1.29	38.22	31.25	1.05
Teggina Valle	Teggina Valle	93.417*	Max WS	UF_Tr30_D1_APP	195.80	342.05	345.15	345.54	346.65	0.012148	5.45		1.09	36.87	24.01	1.25
Teggina Valle	Teggina Valle	93.417*	Max WS	UF_Tr30_D3_APP	213.09	342.05	345.32	345.57	346.78	0.010661	5.39	0.43	1.49	41.10	24.66	1.19
Teggina Valle	Teggina Valle	93.417*	Max WS	UF_Tr30_D6_APP	152.97	342.05	344.88	345.20	346.14	0.011889	4.97			30.76	18.07	1.22
Teggina Valle	Teggina Valle	93.333*	Max WS	UF_Tr30_D1_APP	196.26	341.86	344.93	345.29	346.34	0.010822	5.40	0.92	2.30	39.77	26.75	1.20
Teggina Valle	Teggina Valle	93.333*	Max WS	UF_Tr30_D3_APP	212.04	341.86	345.14	345.38	346.43	0.008803	5.20	1.33	2.40	45.31	26.75	1.10
Teggina Valle	Teggina Valle	93.333*	Max WS	UF_Tr30_D6_APP	152.59	341.86	344.66	344.98	345.88	0.010984	4.96	0.21	1.75	32.88	23.84	1.18
Teggina Valle	Teggina Valle	93.250*	Max WS	UF_Tr30_D1_APP	196.68	341.67	344.72	345.06	346.13	0.011982	5.37		2.26	39.20	24.50	1.23
Teggina Valle	Teggina Valle	93.250*	Max WS	UF_Tr30_D3_APP	217.44	341.67	344.97	345.20	346.26	0.009618	5.17		2.44	45.28	24.50	1.12
Teggina Valle	Teggina Valle	93.250*	Max WS	UF_Tr30_D6_APP	152.48	341.67	344.45	344.75	345.67	0.012245	4.96		1.66	32.53	24.50	1.22
Teggina Valle	Teggina Valle	93.167*	Max WS	UF_Tr30_D1_APP	195.99	341.49	344.49	344.89	346.05	0.012162	5.59		1.82	36.97	22.25	1.23
Teggina Valle	Teggina Valle	93.167*	Max WS	UF_Tr30_D3_APP	236.67	341.49	344.77	345.17	346.45	0.011539	5.85		2.35	43.11	22.25	1.21
Teggina Valle	Teggina Valle	93.167*	Max WS	UF_Tr30_D6_APP	154.00	341.49	344.22	344.56	345.56	0.012191	5.15		1.06	30.86	22.25	1.22
Teggina Valle	Teggina Valle	93.083*	Max WS	UF_Tr30_D1_APP	191.57	341.30	344.25	344.75	346.05	0.013452	6.00		1.78	33.65	19.99	1.29
Teggina Valle	Teggina Valle	93.083*	Max WS	UF_Tr30_D3_APP	237.90	341.30	344.53	345.10	346.60	0.013830	6.50		2.46	39.11	19.99	1.32
Teggina Valle	Teggina Valle	93.083*	Max WS	UF_Tr30_D6_APP	154.18	341.30	343.98	344.43	345.57	0.013762	5.61		1.21	28.13	17.95	1.29
Teggina Valle	Teggina Valle	93	Max WS	UF_Tr30_D1_APP	190.60	341.11	343.96	344.66	346.17	0.017452	6.58		1.09	29.21	14.10	1.36
Teggina Valle	Teggina Valle	93	Max WS	UF_Tr30_D3_APP	212.66	341.11	344.19	344.86	346.45	0.016243	6.68		1.27	32.68	17.21	1.32
Teggina Valle	Teggina Valle	93	Max WS	UF_Tr30_D6_APP	149.55	341.11	343.70	344.17	345.43	0.015658	5.82		0.29	25.68	12.47	1.28
Teggina Valle	Teggina Valle	92.975*	Max WS	UF_Tr30_D1_APP	191.79	340.95	343.68	343.91	345.06	0.011175	5.20			36.86	18.04	1.16
Teggina Valle	Teggina Valle	92.975*	Max WS	UF_Tr30_D3_APP	220.18	340.95	343.93	344.12	345.37	0.010469	5.32			41.37	18.36	1.13
Teggina Valle	Teggina Valle	92.975*	Max WS	UF_Tr30_D6_APP	151.79	340.95	343.44	343.55	344.55	0.010010	4.65			32.65	17.63	1.09
Teggina Valle	Teggina Valle	92.950*	Max WS	UF_Tr30_D1_APP	195.36	340.79	343.46	343.75	344.95	0.011114	5.56		3.11	37.52	18.79	1.22
Teggina Valle	Teggina Valle	92.950*	Max WS	UF_Tr30_D3_APP	254.95	340.79	343.69	344.18	345.72	0.013629	6.52		3.69	41.86	18.97	1.36
Teggina Valle	Teggina Valle	92.950*	Max WS	UF_Tr30_D6_APP	164.63	340.79	343.23	343.50	344.57	0.011332	5.28		2.89	33.28	18.61	1.21
Teggina Valle	Teggina Valle	92.925*	Max WS	UF_Tr30_D1_APP	194.49	340.63	343.24	343.53	344.72	0.011069	5.48		2.72	37.24	19.10	1.22
Teggina Valle	Teggina Valle	92.925*	Max WS	UF_Tr30_D3_APP	241.48	340.63	343.43	343.88	345.32	0.012935	6.22		3.13	40.81	19.25	1.33
Teggina Valle	Teggina Valle	92.925*	Max WS	UF_Tr30_D6_APP	160.42	340.63	343.01	343.25	344.30	0.010961	5.10		2.46	32.90	18.92	1.19
Teggina Valle	Teggina Valle	92.899*	Max WS	UF_Tr30_D1_APP	190.27	340.48	343.02	343.34	344.50	0.011359	5.44		2.22	36.12	19.41	1.23
Teggina Valle	Teggina Valle	92.899*	Max WS	UF_Tr30_D3_APP	213.82	340.48	343.18	343.51	344.77	0.011208	5.64		2.40	39.21	19.54	1.23
Teggina Valle	Teggina Valle	92.899*	Max WS	UF_Tr30_D6_APP	149.51	340.48	342.81	342.99	343.97	0.010015	4.80		1.79	32.08	19.24	1.14
Teggina Valle	Teggina Valle	92.874*	Max WS	UF_Tr30_D1_APP	185.96	340.32	342.81	343.02	344.13	0.010144	5.12		2.16	37.20	19.76	1.17
Teggina Valle	Teggina Valle	92.874*	Max WS	UF_Tr30_D3_APP	215.87	340.32	342.97	343.26	344.48	0.010724	5.50		2.35	40.27	19.90	1.21
Teggina Valle	Teggina Valle	92.874*	Max WS	UF_Tr30_D6_APP	150.89	340.32	342.62	342.75	343.69	0.009184	4.60		1.88	33.53	19.60	1.10
Teggina Valle	Teggina Valle	92.849*	Max WS	UF_Tr30_D1_APP	185.66	340.16	342.61	342.79	343.80	0.010282	4.83			38.45	20.96	1.14
Teggina Valle	Teggina Valle	92.849*	Max WS	UF_Tr30_D3_APP	203.47	340.16	342.75	342.91	343.98	0.010026	4.92			41.34	21.37	1.13
Teggina Valle	Teggina Valle	92.849*	Max WS	UF_Tr30_D6_APP	150.98	340.16	342.45	342.51	343.39	0.008875	4.31			35.06	20.47	1.05
Teggina Valle	Teggina Valle	92.824	Max WS	UF_Tr30_D1_APP	181.96	340.00	342.43	342.51	343.53	0.008410	4.65		0.04	39.14	20.27	1.07
Teggina Valle	Teggina Valle	92.824	Max WS	UF_Tr30_D3_APP	199.31	340.00	342.57	342.67	343.71	0.008083	4.74		0.04	42.04	20.48	1.06
Teggina Valle	Teggina Valle	92.824	Max WS	UF_Tr30_D6_APP	155.93	340.00	342.28	342.31	343.23	0.007857	4.30		0.04	36.24	20.06	1.02
Teggina Valle	Teggina Valle	92.799*	Max WS	UF_Tr30_D1_APP	180.48	339.83	342.27	342.25	343.22	0.007662	4.31	0.66		42.05	22.67	0.97
Teggina Valle	Teggina Valle	92.799*	Max WS	UF_Tr30_D3_APP	207.15	339.83	342.41	342.45	343.49	0.008081	4.62	1.02		45.25	22.67	1.01
Teggina Valle	Teggina Valle	92.799*	Max WS	UF_Tr30_D6_APP	166.53	339.83	342.12	342.13	343.06	0.008322	4.30	0.23		38.79	21.72	1.01
Teggina Valle	Teggina Valle	92.774*	Max WS	UF_Tr30_D1_APP	179.06	339.66	342.12	342.09	343.03	0.007519	4.23	0.94		42.73	23.29	0.97
Teggina Valle	Teggina Valle	92.774*	Max WS	UF_Tr30_D3_APP	204.17	339.66	342.25	342.27	343.28	0.007869	4.50	1.19		45.84	23.29	1.00
Teggina Valle	Teggina Valle	92.774*	Max WS	UF_Tr30_D6_APP	159.83	339.66	341.96	341.95	342.82	0.007853	4.10	0.61		39.12	23.29	0.98
Teggina Valle	Teggina Valle	92.749*	Max WS	UF_Tr30_D1_APP	178.53	339.49	341.96	341.96	342.86	0.008207	4.20			42.55	23.90	1.00
Teggina Valle	Teggina Valle	92.749*	Max WS	UF_Tr30_D3_APP	203.48	339.49	342.09	342.14	343.11	0.008592	4.47			45.57	23.90	1.03
Teggina Valle	Teggina Valle	92.749*	Max WS	UF_Tr30_D6_APP	154.40	339.49	341.81	341.79	342.61	0.008025	3.98			38.84	23.40	0.99
Teggina Valle	Teggina Valle	92.724*	Max WS	UF_Tr30_D1_APP	176.26	339.32	341.81	341.73	342.62	0.006935	4.17		2.90	45.72	24.52	0.95
Teggina Valle	Teggina Valle	92.724*	Max WS	UF_Tr30_D3_APP	189.02	339.32	341.95		342.75	0.006370	4.16		2.90	49.12	24.52	0.92
Teggina Valle	Teggina Valle	92.724*	Max WS	UF_Tr30_D6_APP	152.03	339.32	341.66		342.37	0.006773	3.92		2.71	41.92	24.52	0.93
Teggina Valle	Teggina Valle	92.698*	Max WS	UF_Tr30_D1_APP	178.55	339.15	341.67	341.66	342.52	0.008183	4.10			43.54	25.05	0.99
Teggina Valle	Teggina Valle	92.698*	Max WS	UF_Tr30_D3_APP	206.02	339.15	341.81	341.83	342.78	0.008514	4.38			47.07	25.05	1.02
Teggina Valle	Teggina Valle	92.698*	Max WS	UF_Tr30_D6_APP	154.24	339.15	341.50	341.50	342.28	0.008347	3.91			39.45	25.05	0.99
Teggina Valle	Teggina Valle	92.673*	Max WS	UF_Tr30_D1_APP	177.97	338.98	341.50	341.56	342.42	0.008140	4.39		2.60	43.66	25.75	1.02

HEC-RAS Profile: Max WS (Continued)

River	Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
					(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Teggina Valle	Teggina Valle	92.673*	Max WS	UF_Tr30_D3_APP	205.16	338.98	341.64	341.73	342.68	0.008566	4.70		2.84	47.10	25.75	1.05
Teggina Valle	Teggina Valle	92.673*	Max WS	UF_Tr30_D6_APP	156.06	338.98	341.33	341.41	342.20	0.008661	4.28		2.45	39.28	25.75	1.04
Teggina Valle	Teggina Valle	92.648*	Max WS	UF_Tr30_D1_APP	187.27	338.81	341.34	341.40	342.27	0.008599	4.48		2.90	45.27	26.36	1.05
Teggina Valle	Teggina Valle	92.648*	Max WS	UF_Tr30_D3_APP	213.74	338.81	341.47	341.56	342.52	0.008989	4.76		3.11	48.57	26.36	1.08
Teggina Valle	Teggina Valle	92.648*	Max WS	UF_Tr30_D6_APP	159.72	338.81	341.17	341.22	342.01	0.008699	4.24		2.70	40.74	26.36	1.05
Teggina Valle	Teggina Valle	92.623	Max WS	UF_Tr30_D1_APP	191.02	338.64	341.13	341.47	342.58	0.013101	5.37	2.27		36.40	22.11	1.31
Teggina Valle	Teggina Valle	92.623	Max WS	UF_Tr30_D3_APP	214.41	338.64	341.25	341.62	342.83	0.013231	5.62	2.43		39.10	22.23	1.32
Teggina Valle	Teggina Valle	92.623	Max WS	UF_Tr30_D6_APP	160.57	338.64	340.96	341.25	342.23	0.012989	5.03	2.01		32.62	21.93	1.28
Teggina Valle	Teggina Valle	92.6			Lat Struct											
Teggina Valle	Teggina Valle	92.598*	Max WS	UF_Tr30_D1_APP	186.35	338.40	340.87	341.20	342.27	0.012782	5.27	2.21		36.24	22.39	1.29
Teggina Valle	Teggina Valle	92.598*	Max WS	UF_Tr30_D3_APP	209.48	338.40	340.99	341.36	342.52	0.012986	5.52	2.39		38.90	22.51	1.31
Teggina Valle	Teggina Valle	92.598*	Max WS	UF_Tr30_D6_APP	154.30	338.40	340.71	340.96	341.89	0.012153	4.84	1.90		32.59	22.23	1.24
Teggina Valle	Teggina Valle	92.573*	Max WS	UF_Tr30_D1_APP	184.71	338.16	340.63	340.94	341.99	0.012693	5.22	2.25		36.36	22.68	1.28
Teggina Valle	Teggina Valle	92.573*	Max WS	UF_Tr30_D3_APP	207.77	338.16	340.74	341.09	342.25	0.013043	5.50	2.43		38.90	22.79	1.31
Teggina Valle	Teggina Valle	92.573*	Max WS	UF_Tr30_D6_APP	155.89	338.16	340.47	340.72	341.66	0.012322	4.86	1.98		32.88	22.53	1.25
Teggina Valle	Teggina Valle	92.548*	Max WS	UF_Tr30_D1_APP	182.23	337.93	340.38	340.69	341.74	0.012706	5.20	2.00		35.92	22.97	1.28
Teggina Valle	Teggina Valle	92.548*	Max WS	UF_Tr30_D3_APP	204.26	337.93	340.48	340.85	341.98	0.013139	5.48	2.22		38.29	23.07	1.31
Teggina Valle	Teggina Valle	92.548*	Max WS	UF_Tr30_D6_APP	155.54	337.93	340.23	340.50	341.43	0.012525	4.89	1.68		32.52	22.82	1.25
Teggina Valle	Teggina Valle	92.522*	Max WS	UF_Tr30_D1_APP	176.76	337.69	340.13	340.40	341.40	0.011889	5.01	2.02		36.27	23.26	1.23
Teggina Valle	Teggina Valle	92.522*	Max WS	UF_Tr30_D3_APP	192.32	337.69	340.23	340.50	341.55	0.011667	5.14	2.16		38.57	23.36	1.23
Teggina Valle	Teggina Valle	92.522*	Max WS	UF_Tr30_D6_APP	152.24	337.69	339.99	340.23	341.12	0.011898	4.75	1.75		32.87	23.12	1.22
Teggina Valle	Teggina Valle	92.497*	Max WS	UF_Tr30_D1_APP	170.50	337.45	339.92	340.12	341.04	0.010048	4.78	2.18		37.59	23.59	1.14
Teggina Valle	Teggina Valle	92.497*	Max WS	UF_Tr30_D3_APP	182.94	337.45	340.03	340.20	341.16	0.009524	4.82	2.28		40.12	23.69	1.12
Teggina Valle	Teggina Valle	92.497*	Max WS	UF_Tr30_D6_APP	147.13	337.45	339.77	339.94	340.79	0.009938	4.53	1.92		34.17	23.45	1.12
Teggina Valle	Teggina Valle	92.472	Max WS	UF_Tr30_D1_APP	165.51	337.21	339.73	339.84	340.71	0.008887	4.43	1.85		38.61	23.94	1.07
Teggina Valle	Teggina Valle	92.472	Max WS	UF_Tr30_D3_APP	180.28	337.21	339.85	339.94	340.86	0.008541	4.51	1.97		41.38	24.05	1.06
Teggina Valle	Teggina Valle	92.472	Max WS	UF_Tr30_D6_APP	140.65	337.21	339.59	339.65	340.44	0.008442	4.11	1.59		35.27	23.80	1.03
Teggina Valle	Teggina Valle	92.447*	Max WS	UF_Tr30_D1_APP	163.32	337.03	339.55	339.64	340.50	0.009217	4.31	1.37		38.30	24.38	1.08
Teggina Valle	Teggina Valle	92.447*	Max WS	UF_Tr30_D3_APP	190.47	337.03	339.66	339.83	340.79	0.010132	4.70	1.57		41.00	24.49	1.14
Teggina Valle	Teggina Valle	92.447*	Max WS	UF_Tr30_D6_APP	143.20	337.03	339.42	339.50	340.28	0.009429	4.13	1.20		34.96	24.23	1.08
Teggina Valle	Teggina Valle	92.43			Lat Struct											
Teggina Valle	Teggina Valle	92.422*	Max WS	UF_Tr30_D1_APP	164.73	336.85	339.38	339.44	340.18	0.008746	4.01	1.86		42.41	30.40	1.05
Teggina Valle	Teggina Valle	92.422*	Max WS	UF_Tr30_D3_APP	193.14	336.85	339.47	339.61	340.44	0.009925	4.42	2.12		45.18	30.63	1.13
Teggina Valle	Teggina Valle	92.422*	Max WS	UF_Tr30_D6_APP	145.75	336.85	339.23	339.32	340.01	0.009475	3.96	1.69		37.98	29.83	1.08
Teggina Valle	Teggina Valle	92.396*	Max WS	UF_Tr30_D1_APP	167.26	336.67	339.22	339.30	340.05	0.006945	4.14	1.76	1.15	44.32	32.51	0.97
Teggina Valle	Teggina Valle	92.396*	Max WS	UF_Tr30_D3_APP	186.78	336.67	339.32	339.42	340.23	0.007211	4.36	1.92	1.36	47.33	32.51	1.00
Teggina Valle	Teggina Valle	92.396*	Max WS	UF_Tr30_D6_APP	143.16	336.67	339.08	339.19	339.83	0.006910	3.91	1.53	0.81	39.59	32.51	0.95
Teggina Valle	Teggina Valle	92.371*	Max WS	UF_Tr30_D1_APP	170.66	336.48	339.06	339.16	339.88	0.009554	4.03		1.42	43.45	33.12	1.08
Teggina Valle	Teggina Valle	92.371*	Max WS	UF_Tr30_D3_APP	188.07	336.48	339.15	339.25	340.02	0.009436	4.16		1.57	46.42	33.12	1.08
Teggina Valle	Teggina Valle	92.371*	Max WS	UF_Tr30_D6_APP	146.22	336.48	338.91	339.02	339.67	0.010277	3.88		1.16	38.42	33.12	1.10
Teggina Valle	Teggina Valle	92.346*	Max WS	UF_Tr30_D1_APP	171.44	336.30	338.88	339.07	339.90	0.009223	4.50	1.09	0.94	39.76	30.85	1.10
Teggina Valle	Teggina Valle	92.346*	Max WS	UF_Tr30_D3_APP	183.57	336.30	338.97	339.15	340.00	0.008713	4.53	1.27	1.16	42.69	30.85	1.08
Teggina Valle	Teggina Valle	92.346*	Max WS	UF_Tr30_D6_APP	144.41	336.30	338.72	338.85	339.62	0.009216	4.21	0.62	0.74	34.99	28.85	1.08
Teggina Valle	Teggina Valle	92.321*	Max WS	UF_Tr30_D1_APP	173.57	336.12	338.69	338.84	339.62	0.009796	4.32	2.00	0.71	41.96	31.26	1.11
Teggina Valle	Teggina Valle	92.321*	Max WS	UF_Tr30_D3_APP	191.24	336.12	338.79	338.94	339.77	0.009597	4.46	2.14	0.95	45.00	31.26	1.11
Teggina Valle	Teggina Valle	92.321*	Max WS	UF_Tr30_D6_APP	147.12	336.12	338.54	338.68	339.38	0.008801	4.10	1.62	0.37	37.34	27.94	1.05
Teggina Valle	Teggina Valle	92.295*	Max WS	UF_Tr30_D1_APP	174.23	335.94	338.52	338.66	339.48	0.008276	4.45	1.95		42.18	27.45	1.05
Teggina Valle	Teggina Valle	92.295*	Max WS	UF_Tr30_D3_APP	199.59	335.94	338.60	338.81	339.73	0.009376	4.84	2.22		44.50	27.70	1.12
Teggina Valle	Teggina Valle	92.295*	Max WS	UF_Tr30_D6_APP	149.75	335.94	338.37	338.48	339.24	0.008129	4.21	1.68		38.09	27.13	1.03
Teggina Valle	Teggina Valle	92.270*	Max WS	UF_Tr30_D1_APP	172.85	335.75	338.35	338.49	339.28	0.008968	4.30	1.33	1.27	42.02	30.94	1.07
Teggina Valle	Teggina Valle	92.270*	Max WS	UF_Tr30_D3_APP	184.30	335.75	338.44	338.56	339.37	0.008371	4.31	1.47	1.39	44.92	30.94	1.05
Teggina Valle	Teggina Valle	92.270*	Max WS	UF_Tr30_D6_APP	145.07	335.75	338.21	338.31	339.01	0.008704	3.99	0.98	0.96	37.64	30.94	1.04
Teggina Valle	Teggina Valle	92.245	Max WS	UF_Tr30_D1_APP	171.85	335.57	338.20	338.20	338.90	0.006476	3.85	1.68	1.64	49.90	36.19	0.92
Teggina Valle	Teggina Valle	92.245	Max WS	UF_Tr30_D3_APP	187.38	335.57	338.30	338.29	339.02	0.006244	3.92	1.78	1.75	53.58	36.19	0.92
Teggina Valle	Teggina Valle	92.245	Max WS	UF_Tr30_D6_APP	149.01	335.57	338.06	338.08	338.71	0.006662	3.69	1.49	1.45	44.80	36.19	0.92
Teggina Valle	Teggina Valle	92.220*	Max WS	UF_Tr30_D1_APP	166.93	335.46	338.06	338.07	338.76	0.007903	3.71		1.10	45.84	34.15	0.98
Teggina Valle	Teggina Valle	92.220*	Max WS	UF_Tr30_D3_APP	185.69	335.46	338.16	338.17	338.91	0.007725	3.84		1.28	49.46	34.15	0.98
Teggina Valle	Teggina Valle	92.220*	Max WS	UF_Tr30_D6_APP	137.94	335.46	337.91	337.87	338.51	0.007695	3.42		0.77	40.84	34.15	0.96
Teggina Valle	Teggina Valle	92.195*	Max WS	UF_Tr30_D1_APP	162.26	335.34	337.93	337.89	338.57	0.005244	3.76	1.96	1.00	50.36	37.42	0.85
Teggina Valle	Teggina Valle	92.195*	Max WS	UF_Tr30_D3_APP	187.64	335.34	338.03	338.04	338.78	0.005735	4.07	2.17	1.23	54.23	37.42	0.90
Teggina Valle	Teggina Valle	92.195*	Max WS	UF_Tr30_D6_APP	141.02	335.34	337.78	337.74	338.39	0.005335	3.61	1.80	0.72	44.97	37.42	0.85
Teggina Valle	Teggina Valle	92.170*	Max WS	UF_Tr30_D1_APP	161.62	335.22	337.81	337.84	338.57	0.006428	3.96	1.59	0.98	44.88	32.03	0.93
Teggina Valle	Teggina Valle	92.170*	Max WS	UF_Tr30_D3_APP	188.23	335.22	337.90	338.01	338.81	0.007310	4.36	1.84	1.19	47.75	32.03	0.99
Teggina Valle	Teggina Valle	92.170*	Max WS	UF_Tr30_D6_APP	144.72	335.22	337.66	337.72	338.42	0.007081	3.93	1.41	0.73	40.03	32.03	0.96
Teggina Valle	Teggina Valle	92.145*	Max WS	UF_Tr30_D1_APP	159.67	335.11	337.68	337.76	338.51	0.007746	4.06		1.28	40.08	25.48	1.00
Teggina Valle	Teggina Valle	92.145*	Max WS	UF_Tr30_D3_APP	172.01	335.11	337.75	337.83	338.56	0.007608	4.06	1.39	1.39	45.54	33.83	0.99
Teggina Valle	Teggina Valle	92.145*	Max WS	UF_Tr30_D6_APP	142.16	335.11	337.51	337.56	338.33	0.008219	4.01		1.03	35.99	24.66	1.02
Teggina Valle	Teggina Valle	92.119*	Max WS	UF_Tr30_D1_APP	153.89	334.99	337.56		338.07	0.004373	3.36	1.22	1.62	53.68	39.26	0.77
Teggina Valle	Teggina Valle	92.119*	Max WS	UF_Tr30_D3_APP	164.58	334.99	337.64		338.16	0.004264	3.40	1.30	1.69	56.78	39.26	0.77
Teggina Valle	Teggina Valle	92.119*	Max WS	UF_Tr30_D6_APP	139.45	334.99	337.38	337.35	337.93	0.005295	3.46	1.06	1.55	46.67	39.26	0.84
Teggina Valle	Teggina Valle	92.094*	Max WS	UF_Tr30_D1_APP	146.48	334.87	337.48		337.92	0.004134	3.07	1.48	1.36	53.43	37.67	0.74
Teggina Valle	Teggina Valle	92.094*	Max WS	UF_Tr30_D3_APP	157.17	334.87	337.57		338.02	0.003974	3.11	1.54	1.42	56.73	37.67	0.73
Teggina Valle	Teggina Valle	92.094*	Max WS	UF_Tr30_D6_APP	136.18	334.87	337.27		337.80	0.005780	3.33	1.45	1.35	45.44	37.67	0.86
Teggina Valle	Teggina Valle	92.069*	Max WS	UF_Tr30_D1_APP	144.17	334.76	337.44		337.80	0.002772	2.84	0.95	1.50	60.20	40.49	0.62
Teggina Valle	Teggina Valle	92.069*	Max WS	UF_Tr30_D3_APP	155.50	334.76	337.53		337.90	0.002718	2.89	1.03	1.56	63.96	40.49	0.62
Teggina Valle	Teggina Valle	92.069*	Max WS	UF_Tr30_D6_APP	133.55	334.76	337.17		337.65	0.004228	3.20	0.56	1.56	46.81	32.29	0.75
Teggina Valle	Teggina Valle	92.044	Max WS	UF_Tr30_D1_APP	153.04	334.64	337.38		337.71	0.002728	2.75	1.11	1.61	64.84	41.11	0.61
Teggina Valle	Teggina Valle	92.044	Max WS	UF_Tr30_D3_APP	160.03	334.64	337.50		337.82	0.002365	2.66	1.14	1.59	70.09	41.11	0.58
Teggina Valle	Teggina Valle	92.044	Max WS	UF_Tr30_D6_APP	141.44	334.64	337.09		337.52	0.004203	3.08	1.00	1.71	52.96	41.11	0.74
Teggina Valle	Teggina Valle	92.019	Max WS	UF_Tr30_D1_APP	139.41	333.84	337.22	336.31	337.60	0.002448	2.73			51.03	21.73	0.57
Teggina Valle	Teggina Valle	92.019	Max WS	UF_Tr30_D3_APP	166.52	333.84	337.32	336.56	337.82	0.003080	3.12			53.29	21.99	0.64
Teggina Valle	Teggina Valle	92.019	Max WS	UF_Tr30_D6_APP	120.01	333.84	337.00	336.12	337.34	0.002396	2.59			46.41	21.21	0.56
Teggina Valle	Teggina Valle	92.015			Bridge											
Teggina Valle	Teggina Valle	92	Max WS	UF_Tr30_D1_APP	158.52	333.84	336.54	336.48	337.48	0.007264	4.28			37.05	18.38	0.96
Teggina Valle	Teggina Valle	92	Max WS	UF_Tr30_D3_APP	166.51	333.84	336.60	336.56	337.57	0.007352	4.36			38.17	18.53	0.97
Teggina Valle	Teggina Valle	92	Max WS	UF_Tr30_D6_APP	143.60	333.84	336.43	336.34	337.29	0.007034	4.10			35.00	18.10	0.94
Teggina Valle	Teggina Valle	91.938*	Max WS	UF_Tr30_D1_APP	158.79	333.67	336.40	336.56	337.38	0.007663	4.42	0.79		37.68	29.73	0.99
Teggina Valle	Teggina Valle	91.938*	Max WS	UF_Tr30_D3_APP	166.84	333.67	336.46	336.64	337.47	0.007635	4.49	0.95		39.47	29.81	0.99

HEC-RAS Profile: Max WS (Continued)

River	Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
					(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Teggina Valle	Teggina Valle	91.938*	Max WS	UF_Tr30_D6_APP	143.77	333.67	336.29	336.41	337.21	0.007561	4.26	0.54		34.56	26.59	0.98
Teggina Valle	Teggina Valle	91.875*	Max WS	UF_Tr30_D1_APP	155.97	333.50	336.26		336.93	0.005957	3.70	1.70		44.98	28.99	0.88
Teggina Valle	Teggina Valle	91.875*	Max WS	UF_Tr30_D3_APP	163.41	333.50	336.32		337.00	0.005835	3.73	1.77		46.77	29.09	0.87
Teggina Valle	Teggina Valle	91.875*	Max WS	UF_Tr30_D6_APP	141.89	333.50	336.15		336.79	0.006088	3.61	1.56		41.84	28.82	0.88
Teggina Valle	Teggina Valle	91.813*	Max WS	UF_Tr30_D1_APP	148.56	333.33	336.15		336.78	0.005438	3.61	1.65		44.32	28.47	0.85
Teggina Valle	Teggina Valle	91.813*	Max WS	UF_Tr30_D3_APP	156.89	333.33	336.21		336.86	0.005413	3.67	1.73		46.13	28.59	0.85
Teggina Valle	Teggina Valle	91.813*	Max WS	UF_Tr30_D6_APP	134.66	333.33	336.04		336.64	0.005499	3.51	1.50		41.18	28.25	0.84
Teggina Valle	Teggina Valle	91.750*	Max WS	UF_Tr30_D1_APP	146.50	333.15	336.02	336.08	336.79	0.007575	3.99	1.73		40.10	29.96	0.98
Teggina Valle	Teggina Valle	91.750*	Max WS	UF_Tr30_D3_APP	155.45	333.15	336.09	336.14	336.87	0.007404	4.05	1.82	0.25	42.07	30.49	0.98
Teggina Valle	Teggina Valle	91.750*	Max WS	UF_Tr30_D6_APP	131.75	333.15	335.91	335.99	336.65	0.007564	3.90	1.53		36.79	29.29	0.97
Teggina Valle	Teggina Valle	91.688	Max WS	UF_Tr30_D1_APP	146.38	332.98	335.88	335.99	336.74	0.006931	4.25	1.61	0.93	38.68	28.57	0.96
Teggina Valle	Teggina Valle	91.688	Max WS	UF_Tr30_D3_APP	155.78	332.98	335.95	336.10	336.84	0.006891	4.33	1.72	0.95	40.62	29.09	0.96
Teggina Valle	Teggina Valle	91.688	Max WS	UF_Tr30_D6_APP	130.08	332.98	335.77	335.85	336.57	0.006844	4.06	1.40	0.79	35.54	28.16	0.95
Teggina Valle	Teggina Valle	91.625	Max WS	UF_Tr30_D1_APP	147.37	332.97	335.75	335.79	336.58	0.006512	4.17	1.78	0.86	39.27	26.39	0.94
Teggina Valle	Teggina Valle	91.625	Max WS	UF_Tr30_D3_APP	151.36	332.97	335.82	335.81	336.62	0.005990	4.10	1.81	0.91	41.23	26.64	0.90
Teggina Valle	Teggina Valle	91.625	Max WS	UF_Tr30_D6_APP	129.15	332.97	335.64	335.64	336.37	0.006142	3.91	1.57	0.71	36.48	26.04	0.90
Teggina Valle	Teggina Valle	91.563*	Max WS	UF_Tr30_D1_APP	148.83	332.85	335.61	335.68	336.47	0.007085	4.24	1.81	0.79	38.98	27.12	0.97
Teggina Valle	Teggina Valle	91.563*	Max WS	UF_Tr30_D3_APP	157.72	332.85	335.69	335.77	336.56	0.006809	4.28	1.90	0.81	41.22	27.70	0.96
Teggina Valle	Teggina Valle	91.563*	Max WS	UF_Tr30_D6_APP	131.77	332.85	335.51	335.56	336.29	0.006777	4.01	1.61	0.63	36.30	26.73	0.94
Teggina Valle	Teggina Valle	91.500*	Max WS	UF_Tr30_D1_APP	150.20	332.73	335.48	335.52	336.22	0.006467	3.97	1.96	0.73	42.38	33.18	0.93
Teggina Valle	Teggina Valle	91.500*	Max WS	UF_Tr30_D3_APP	168.12	332.73	335.56	335.64	336.39	0.006889	4.22	2.13	0.96	45.05	33.18	0.96
Teggina Valle	Teggina Valle	91.500*	Max WS	UF_Tr30_D6_APP	137.73	332.73	335.38	335.41	336.10	0.006677	3.90	1.85	0.60	39.15	31.49	0.93
Teggina Valle	Teggina Valle	91.438*	Max WS	UF_Tr30_D1_APP	153.56	332.61	335.34	335.52	336.25	0.008022	4.41	1.63	1.29	40.29	34.31	1.03
Teggina Valle	Teggina Valle	91.438*	Max WS	UF_Tr30_D3_APP	171.36	332.61	335.41	335.64	336.43	0.008583	4.67	1.82	1.48	42.72	34.31	1.07
Teggina Valle	Teggina Valle	91.438*	Max WS	UF_Tr30_D6_APP	140.44	332.61	335.23	335.44	336.15	0.008489	4.36	1.45	1.10	36.70	34.31	1.05
Teggina Valle	Teggina Valle	91.375*	Max WS	UF_Tr30_D1_APP	148.81	332.50	335.17	335.37	336.13	0.008779	4.51	1.91	0.31	37.38	29.22	1.06
Teggina Valle	Teggina Valle	91.375*	Max WS	UF_Tr30_D3_APP	158.59	332.50	335.24	335.44	336.22	0.008697	4.60	2.02	0.46	39.31	30.17	1.06
Teggina Valle	Teggina Valle	91.375*	Max WS	UF_Tr30_D6_APP	134.74	332.50	335.06	335.26	335.99	0.009178	4.44	1.72		34.17	27.97	1.08
Teggina Valle	Teggina Valle	91.313	Max WS	UF_Tr30_D1_APP	149.60	332.38	334.98	335.25	336.06	0.010493	4.79	1.94		35.53	28.71	1.15
Teggina Valle	Teggina Valle	91.313	Max WS	UF_Tr30_D3_APP	159.43	332.38	335.05	335.36	336.15	0.010387	4.85	2.07	0.04	37.45	28.87	1.15
Teggina Valle	Teggina Valle	91.313	Max WS	UF_Tr30_D6_APP	134.15	332.38	334.86	335.14	335.92	0.010932	4.71	1.70		32.08	28.46	1.17
Teggina Valle	Teggina Valle	91.250*	Max WS	UF_Tr30_D1_APP	154.92	332.15	334.78	335.02	335.75	0.010059	4.45	1.48	0.53	37.70	33.13	1.13
Teggina Valle	Teggina Valle	91.250*	Max WS	UF_Tr30_D3_APP	165.56	332.15	334.85	335.08	335.84	0.009714	4.50	1.62	0.79	40.49	35.74	1.12
Teggina Valle	Teggina Valle	91.250*	Max WS	UF_Tr30_D6_APP	137.19	332.15	334.65	334.90	335.67	0.011476	4.48	0.37	0.17	30.66	22.60	1.19
Teggina Valle	Teggina Valle	91.188*	Max WS	UF_Tr30_D1_APP	160.72	331.92	334.60	334.74	335.46	0.008535	4.20	1.48		41.07	32.07	1.05
Teggina Valle	Teggina Valle	91.188*	Max WS	UF_Tr30_D3_APP	172.35	331.92	334.67	334.81	335.56	0.008438	4.27	1.62		43.46	32.29	1.05
Teggina Valle	Teggina Valle	91.188*	Max WS	UF_Tr30_D6_APP	141.01	331.92	334.45	334.60	335.29	0.008996	4.11	1.18		36.40	31.64	1.06
Teggina Valle	Teggina Valle	91.125*	Max WS	UF_Tr30_D1_APP	167.88	331.69	334.43	334.54	335.28	0.008712	4.09			41.04	26.55	1.05
Teggina Valle	Teggina Valle	91.125*	Max WS	UF_Tr30_D3_APP	180.62	331.69	334.50	334.62	335.40	0.008987	4.20			43.03	27.43	1.07
Teggina Valle	Teggina Valle	91.125*	Max WS	UF_Tr30_D6_APP	146.21	331.69	334.28	334.32	335.06	0.008539	3.93			37.19	25.15	1.03
Teggina Valle	Teggina Valle	91.063*	Max WS	UF_Tr30_D1_APP	177.54	331.47	334.27	334.27	334.97	0.006870	3.76	1.52	0.18	49.84	36.52	0.94
Teggina Valle	Teggina Valle	91.063*	Max WS	UF_Tr30_D3_APP	191.53	331.47	334.34	334.35	335.08	0.006842	3.87	1.63	0.35	52.54	37.76	0.95
Teggina Valle	Teggina Valle	91.063*	Max WS	UF_Tr30_D6_APP	153.74	331.47	334.12	334.14	334.78	0.007067	3.63	1.27		44.52	35.28	0.94
Teggina Valle	Teggina Valle	91	Max WS	UF_Tr30_D1_APP	183.26	331.24	334.14		334.81	0.006684	3.62			50.66	32.46	0.92
Teggina Valle	Teggina Valle	91	Max WS	UF_Tr30_D3_APP	198.15	331.24	334.21	334.17	334.91	0.006763	3.71		0.98	54.39	37.55	0.93
Teggina Valle	Teggina Valle	91	Max WS	UF_Tr30_D6_APP	157.73	331.24	333.99		334.59	0.006403	3.43			45.94	30.82	0.90
Teggina Valle	Teggina Valle	90.978*	Max WS	UF_Tr30_D1_APP	183.51	331.10	334.01	333.95	334.69	0.006503	3.66	0.20	0.79	50.90	36.07	0.92
Teggina Valle	Teggina Valle	90.978*	Max WS	UF_Tr30_D3_APP	198.36	331.10	334.08	334.06	334.80	0.006560	3.78	0.50	0.94	53.88	40.44	0.93
Teggina Valle	Teggina Valle	90.978*	Max WS	UF_Tr30_D6_APP	157.83	331.10	333.87		334.48	0.006279	3.46		0.51	45.91	32.90	0.89
Teggina Valle	Teggina Valle	90.97			Lat Struct											
Teggina Valle	Teggina Valle	90.96			Lat Struct											
Teggina Valle	Teggina Valle	90.957*	Max WS	UF_Tr30_D1_APP	186.36	330.97	333.88	333.81	334.62	0.006948	3.81			48.88	29.69	0.95
Teggina Valle	Teggina Valle	90.957*	Max WS	UF_Tr30_D3_APP	200.84	330.97	333.95	333.94	334.73	0.007174	3.94		0.79	51.66	34.05	0.97
Teggina Valle	Teggina Valle	90.957*	Max WS	UF_Tr30_D6_APP	160.82	330.97	333.74		334.40	0.006412	3.58			44.91	28.21	0.91
Teggina Valle	Teggina Valle	90.935*	Max WS	UF_Tr30_D1_APP	185.32	330.84	333.75	333.68	334.51	0.006620	3.88		1.06	48.33	29.16	0.93
Teggina Valle	Teggina Valle	90.935*	Max WS	UF_Tr30_D3_APP	198.86	330.84	333.81	333.77	334.63	0.006854	4.02	0.12	1.17	50.13	29.99	0.96
Teggina Valle	Teggina Valle	90.935*	Max WS	UF_Tr30_D6_APP	160.84	330.84	333.62		334.29	0.006243	3.64		0.80	44.60	28.54	0.90
Teggina Valle	Teggina Valle	90.913*	Max WS	UF_Tr30_D1_APP	183.55	330.70	333.61	333.56	334.35	0.007122	3.80	0.24		48.33	31.85	0.95
Teggina Valle	Teggina Valle	90.913*	Max WS	UF_Tr30_D3_APP	196.15	330.70	333.67	333.64	334.45	0.007249	3.92	0.38		50.22	33.75	0.97
Teggina Valle	Teggina Valle	90.913*	Max WS	UF_Tr30_D6_APP	160.48	330.70	333.49		334.15	0.006901	3.60			44.61	29.30	0.93
Teggina Valle	Teggina Valle	90.891*	Max WS	UF_Tr30_D1_APP	182.20	330.57	333.47	333.51	334.30	0.007089	4.04	0.96	0.87	46.76	33.37	0.97
Teggina Valle	Teggina Valle	90.891*	Max WS	UF_Tr30_D3_APP	193.94	330.57	333.53	333.59	334.40	0.007204	4.16	1.09	0.99	48.61	33.37	0.98
Teggina Valle	Teggina Valle	90.891*	Max WS	UF_Tr30_D6_APP	160.33	330.57	333.35	333.36	334.10	0.007020	3.84	0.64	0.59	42.74	33.37	0.95
Teggina Valle	Teggina Valle	90.870*	Max WS	UF_Tr30_D1_APP	182.09	330.43	333.32	333.42	334.28	0.007976	4.34	0.68	0.30	42.76	29.94	1.02
Teggina Valle	Teggina Valle	90.870*	Max WS	UF_Tr30_D3_APP	193.01	330.43	333.38	333.55	334.39	0.008114	4.46	0.85	0.43	44.36	30.26	1.04
Teggina Valle	Teggina Valle	90.870*	Max WS	UF_Tr30_D6_APP	160.49	330.43	333.21	333.23	334.06	0.007563	4.09	0.31		39.40	27.26	0.99
Teggina Valle	Teggina Valle	90.848	Max WS	UF_Tr30_D1_APP	181.99	330.30	333.16	333.34	334.21	0.008612	4.57	1.26	0.24	41.61	28.45	1.06
Teggina Valle	Teggina Valle	90.848	Max WS	UF_Tr30_D3_APP	192.35	330.30	333.21	333.41	334.31	0.008759	4.69	1.39	0.36	43.04	28.86	1.07
Teggina Valle	Teggina Valle	90.848	Max WS	UF_Tr30_D6_APP	160.66	330.30	333.05	333.17	333.99	0.008111	4.30	0.97		38.64	27.64	1.02
Teggina Valle	Teggina Valle	90.826*	Max WS	UF_Tr30_D1_APP	180.63	330.12	332.99	333.19	334.09	0.008589	4.73	1.66	0.51	41.42	28.58	1.07
Teggina Valle	Teggina Valle	90.826*	Max WS	UF_Tr30_D3_APP	190.10	330.12	333.04	333.26	334.18	0.008725	4.84	1.77	0.64	42.76	28.58	1.08
Teggina Valle	Teggina Valle	90.826*	Max WS	UF_Tr30_D6_APP	160.39	330.12	332.90	333.06	333.88	0.008032	4.46	1.42		38.68	27.30	1.03
Teggina Valle	Teggina Valle	90.804*	Max WS	UF_Tr30_D1_APP	174.48	329.95	332.83	333.04	333.89	0.007677	4.70	1.54	1.56	42.09	29.84	1.02
Teggina Valle	Teggina Valle	90.804*	Max WS	UF_Tr30_D3_APP	182.35	329.95	332.88	333.08	333.97	0.007736	4.78	1.63	1.64	43.41	29.84	1.03
Teggina Valle	Teggina Valle	90.804*	Max WS	UF_Tr30_D6_APP	156.92	329.95	332.75	332.91	333.71	0.007318	4.46	1.33	1.39	39.48	29.84	0.99
Teggina Valle	Teggina Valle	90.783*	Max WS	UF_Tr30_D1_APP	165.26	329.77	332.68	332.81	333.63	0.008254	4.41	1.00	1.83	40.38	29.82	1.04
Teggina Valle	Teggina Valle	90.783*	Max WS	UF_Tr30_D3_APP	171.38	329.77	332.72	332.86	333.69	0.008119	4.45	1.11	1.87	41.73	29.82	1.04
Teggina Valle	Teggina Valle	90.783*	Max WS	UF_Tr30_D6_APP	150.53	329.77	332.59	332.72	333.48	0.008089	4.24	0.78	1.70	37.94	29.50	1.02
Teggina Valle	Teggina Valle	90.761*	Max WS	UF_Tr30_D1_APP	158.07	329.59	332.51	332.64	333.46	0.008127	4.39	0.79	1.81	38.83	28.47	1.03
Teggina Valle	Teggina Valle	90.761*	Max WS	UF_Tr30_D3_APP	162.62	329.59	332.56	332.68	333.50	0.007804	4.38	0.89	1.85	40.26	28.77	1.01
Teggina Valle	Teggina Valle	90.761*	Max WS	UF_Tr30_D6_APP	145.14	329.59	332.44	332.55	333.32	0.008024	4.24	0.59	1.68	36.61	27.85	1.01
Teggina Valle	Teggina Valle	90.739*	Max WS	UF_Tr30_D1_APP	155.29	329.42	332.33	332.51	333.27	0.010229	4.30	0.78		36.76	29.15	1.12
Teggina Valle	Teggina Valle	90.739*	Max WS	UF_Tr30_D3_APP	158.30	329.42	332.40	332.52	333.29	0.009266	4.19	0.89		38.61	29.76	1.07
Teggina Valle	Teggina Valle	90.739*	Max WS	UF_Tr30_D6_APP	143.78	329.42	332.25	332.42	333.16	0.010519	4.21	0.54		34.46	28.27	1.12
Teggina Valle	Teggina Valle	90.717	Max WS	UF_Tr30_D1_APP	155.13	329.24	332.14	332.40	333.25	0.010223	4.67	0.74	0.28	33.86	25.30	1.13
Teggina Valle	Teggina Valle	90.717	Max WS	UF_Tr30_D3_APP	157.08	329.24	332.22	332.41	333.24	0.008907	4.50	0.94	0.46	36.16	28.91	1.06
Teggina Valle	Teggina Valle	90.717	Max WS	UF_Tr30_D6_APP	143.94	329.24	332.06	332.31	333.11	0.009381	4.55	0.51		31.95	21.98	1.09
Teggina Valle	Teggina Valle	90.695*	Max WS	UF_Tr30_D1_APP	152.64	329.17	331.95	332.11	332.96	0.009093	4.45	0.43		34.53	23.68	1.07

HEC-RAS Profile: Max WS (Continued)

River	Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
					(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Teggina Valle	Teggina Valle	90.695*	Max WS	UF_Tr30_D3_APP	156.72	329.17	332.05	332.14	332.99	0.008041	4.29	0.72		37.15	25.14	1.02
Teggina Valle	Teggina Valle	90.695*	Max WS	UF_Tr30_D6_APP	144.13	329.17	331.88	332.02	332.85	0.008579	4.38	0.23		32.98	20.25	1.05
Teggina Valle	Teggina Valle	90.674*	Max WS	UF_Tr30_D1_APP	151.23	329.10	331.78	331.81	332.75	0.007994	4.36			34.72	18.48	1.01
Teggina Valle	Teggina Valle	90.674*	Max WS	UF_Tr30_D3_APP	158.66	329.10	331.90	331.88	332.84	0.007397	4.29			36.98	18.96	0.98
Teggina Valle	Teggina Valle	90.674*	Max WS	UF_Tr30_D6_APP	144.30	329.10	331.71	331.73	332.66	0.008063	4.31			33.46	18.21	1.02
Teggina Valle	Teggina Valle	90.652*	Max WS	UF_Tr30_D1_APP	151.71	329.03	331.63	331.60	332.46	0.007339	4.04		0.21	37.60	21.81	0.97
Teggina Valle	Teggina Valle	90.652*	Max WS	UF_Tr30_D3_APP	163.13	329.03	331.76	331.69	332.59	0.006728	4.04		0.30	40.67	27.08	0.94
Teggina Valle	Teggina Valle	90.652*	Max WS	UF_Tr30_D6_APP	144.59	329.03	331.56	331.54	332.38	0.007555	4.01			36.07	21.19	0.98
Teggina Valle	Teggina Valle	90.630*	Max WS	UF_Tr30_D1_APP	154.78	328.96	331.49	331.44	332.28	0.007043	3.93		0.28	39.49	24.96	0.95
Teggina Valle	Teggina Valle	90.630*	Max WS	UF_Tr30_D3_APP	170.91	328.96	331.63	331.58	332.44	0.006652	4.00		0.57	43.36	28.74	0.94
Teggina Valle	Teggina Valle	90.630*	Max WS	UF_Tr30_D6_APP	146.33	328.96	331.41	331.36	332.18	0.007237	3.88		0.04	37.72	22.83	0.96
Teggina Valle	Teggina Valle	90.609*	Max WS	UF_Tr30_D1_APP	158.96	328.89	331.34	331.34	332.03	0.008345	3.67			43.26	31.97	1.01
Teggina Valle	Teggina Valle	90.609*	Max WS	UF_Tr30_D3_APP	179.71	328.89	331.49	331.46	332.20	0.007614	3.74	0.40		48.18	33.53	0.98
Teggina Valle	Teggina Valle	90.609*	Max WS	UF_Tr30_D6_APP	148.43	328.89	331.26	331.27	331.94	0.008304	3.63			40.86	30.60	1.00
Teggina Valle	Teggina Valle	90.587	Max WS	UF_Tr30_D1_APP	161.26	328.82	331.19	331.11	331.89	0.006945	3.71		0.33	43.54	28.61	0.94
Teggina Valle	Teggina Valle	90.587	Max WS	UF_Tr30_D3_APP	185.66	328.82	331.35	331.30	332.11	0.006723	3.87	0.44	0.60	48.42	33.11	0.94
Teggina Valle	Teggina Valle	90.587	Max WS	UF_Tr30_D6_APP	149.08	328.82	331.12		331.78	0.006829	3.60		0.17	41.39	27.30	0.93
Teggina Valle	Teggina Valle	90.565*	Max WS	UF_Tr30_D1_APP	162.38	328.64	331.06	331.04	331.82	0.006689	3.88	0.88	0.70	42.87	29.74	0.94
Teggina Valle	Teggina Valle	90.565*	Max WS	UF_Tr30_D3_APP	187.83	328.64	331.22	331.21	332.06	0.006583	4.08	1.19	0.92	47.69	30.45	0.95
Teggina Valle	Teggina Valle	90.565*	Max WS	UF_Tr30_D6_APP	149.33	328.64	330.98	330.94	331.69	0.006597	3.74	0.69	0.57	40.64	29.40	0.93
Teggina Valle	Teggina Valle	90.544*	Max WS	UF_Tr30_D1_APP	160.64	328.45	330.93	330.91	331.64	0.006771	3.81		1.68	44.24	29.37	0.94
Teggina Valle	Teggina Valle	90.544*	Max WS	UF_Tr30_D3_APP	184.36	328.45	331.09	331.06	331.86	0.006510	3.95	0.62	1.86	49.41	31.77	0.93
Teggina Valle	Teggina Valle	90.544*	Max WS	UF_Tr30_D6_APP	147.83	328.45	330.85	330.81	331.53	0.006550	3.68		1.55	42.13	28.99	0.92
Teggina Valle	Teggina Valle	90.522*	Max WS	UF_Tr30_D1_APP	153.00	328.26	330.81		331.42	0.005006	3.60	0.83	1.92	47.52	31.77	0.83
Teggina Valle	Teggina Valle	90.522*	Max WS	UF_Tr30_D3_APP	178.08	328.26	330.98		331.64	0.004992	3.80	1.10	2.09	52.80	31.77	0.84
Teggina Valle	Teggina Valle	90.522*	Max WS	UF_Tr30_D6_APP	139.15	328.26	330.74		331.29	0.004724	3.42	0.67	1.79	45.38	31.77	0.80
Teggina Valle	Teggina Valle	90.500*	Max WS	UF_Tr30_D1_APP	148.68	328.08	330.71		331.35	0.005530	3.60	0.46	1.67	42.79	26.43	0.86
Teggina Valle	Teggina Valle	90.500*	Max WS	UF_Tr30_D3_APP	173.08	328.08	330.87		331.60	0.005532	3.82	0.70	1.81	47.36	27.80	0.87
Teggina Valle	Teggina Valle	90.500*	Max WS	UF_Tr30_D6_APP	139.08	328.08	330.64		331.25	0.005480	3.50	0.37	1.61	41.11	25.94	0.85
Teggina Valle	Teggina Valle	90.479*	Max WS	UF_Tr30_D1_APP	150.09	327.89	330.59	330.55	331.33	0.006510	3.86	0.61	1.46	40.61	27.25	0.92
Teggina Valle	Teggina Valle	90.479*	Max WS	UF_Tr30_D3_APP	174.54	327.89	330.76	330.73	331.58	0.006411	4.06	0.87	1.68	45.24	28.03	0.93
Teggina Valle	Teggina Valle	90.479*	Max WS	UF_Tr30_D6_APP	143.10	327.89	330.52	330.50	331.26	0.006762	3.83	0.52	1.38	38.82	26.86	0.94
Teggina Valle	Teggina Valle	90.457	Max WS	UF_Tr30_D1_APP	155.10	327.70	330.45	330.51	331.34	0.007422	4.24	0.74	1.63	38.76	25.83	0.99
Teggina Valle	Teggina Valle	90.457	Max WS	UF_Tr30_D3_APP	180.52	327.70	330.62	330.72	331.60	0.007363	4.47	0.91	1.89	43.25	27.10	1.00
Teggina Valle	Teggina Valle	90.457	Max WS	UF_Tr30_D6_APP	146.68	327.70	330.38	330.44	331.25	0.007622	4.18	0.64	1.53	36.94	25.49	1.00
Teggina Valle	Teggina Valle	90.435*	Max WS	UF_Tr30_D1_APP	162.87	327.59	330.32	330.38	331.20	0.006545	4.34	1.75	1.77	42.53	27.18	0.95
Teggina Valle	Teggina Valle	90.435*	Max WS	UF_Tr30_D3_APP	190.03	327.59	330.48	330.56	331.47	0.006658	4.61	1.99	2.00	47.11	27.18	0.97
Teggina Valle	Teggina Valle	90.435*	Max WS	UF_Tr30_D6_APP	152.29	327.59	330.24	330.31	331.10	0.006542	4.24	1.65	1.67	40.55	27.18	0.94
Teggina Valle	Teggina Valle	90.413*	Max WS	UF_Tr30_D1_APP	167.12	327.47	330.17	330.33	331.19	0.008089	4.51	1.31	1.08	39.16	27.35	1.04
Teggina Valle	Teggina Valle	90.413*	Max WS	UF_Tr30_D3_APP	194.16	327.47	330.34	330.52	331.46	0.008046	4.75	1.62	1.43	43.74	27.35	1.05
Teggina Valle	Teggina Valle	90.413*	Max WS	UF_Tr30_D6_APP	155.74	327.47	330.10	330.24	331.07	0.008089	4.39	1.15	0.90	37.16	27.35	1.03
Teggina Valle	Teggina Valle	90.391*	Max WS	UF_Tr30_D1_APP	167.55	327.35	330.01	330.07	330.89	0.008064	4.16	1.30	1.07	41.25	27.53	1.02
Teggina Valle	Teggina Valle	90.391*	Max WS	UF_Tr30_D3_APP	194.00	327.35	330.18	330.25	331.14	0.007749	4.35	1.47	1.37	45.96	27.53	1.02
Teggina Valle	Teggina Valle	90.391*	Max WS	UF_Tr30_D6_APP	156.11	327.35	329.94	330.00	330.78	0.008177	4.06	1.21	0.91	39.21	27.53	1.02
Teggina Valle	Teggina Valle	90.370*	Max WS	UF_Tr30_D1_APP	166.22	327.24	329.86	329.93	330.74	0.007128	4.24	1.79	1.34	42.33	27.70	0.98
Teggina Valle	Teggina Valle	90.370*	Max WS	UF_Tr30_D3_APP	191.64	327.24	330.04	330.09	330.98	0.006864	4.41	1.99	1.58	47.23	27.70	0.98
Teggina Valle	Teggina Valle	90.370*	Max WS	UF_Tr30_D6_APP	155.15	327.24	329.79	329.85	330.63	0.007201	4.15	1.68	1.21	40.23	27.70	0.98
Teggina Valle	Teggina Valle	90.348*	Max WS	UF_Tr30_D1_APP	166.08	327.12	329.72	329.78	330.60	0.007247	4.20	1.51	1.40	42.03	27.88	0.98
Teggina Valle	Teggina Valle	90.348*	Max WS	UF_Tr30_D3_APP	191.20	327.12	329.91	329.95	330.83	0.006846	4.34	1.76	1.60	47.14	27.88	0.97
Teggina Valle	Teggina Valle	90.348*	Max WS	UF_Tr30_D6_APP	155.42	327.12	329.64	329.71	330.49	0.007413	4.13	1.39	1.30	39.84	27.88	0.99
Teggina Valle	Teggina Valle	90.326	Max WS	UF_Tr30_D1_APP	167.61	327.01	329.58	329.62	330.51	0.007501	4.31	1.06	1.64	40.40	24.83	1.00
Teggina Valle	Teggina Valle	90.326	Max WS	UF_Tr30_D3_APP	194.46	327.01	329.77	329.86	330.78	0.007237	4.51	0.84	1.85	45.34	28.15	1.00
Teggina Valle	Teggina Valle	90.326	Max WS	UF_Tr30_D6_APP	156.32	327.01	329.50	329.54	330.39	0.007601	4.21	1.01	1.53	38.40	24.51	1.00
Teggina Valle	Teggina Valle	90.304*	Max WS	UF_Tr30_D1_APP	167.67	326.80	329.42	329.51	330.45	0.008853	4.50			37.27	20.71	1.07
Teggina Valle	Teggina Valle	90.304*	Max WS	UF_Tr30_D3_APP	194.76	326.80	329.61	329.73	330.74	0.008976	4.71	0.16	0.21	41.37	22.12	1.09
Teggina Valle	Teggina Valle	90.304*	Max WS	UF_Tr30_D6_APP	156.32	326.80	329.34	329.42	330.32	0.008669	4.39			35.63	20.24	1.06
Teggina Valle	Teggina Valle	90.283*	Max WS	UF_Tr30_D1_APP	167.75	326.60	329.25	329.32	330.26	0.008486	4.46			37.58	20.35	1.05
Teggina Valle	Teggina Valle	90.283*	Max WS	UF_Tr30_D3_APP	194.97	326.60	329.44	329.54	330.56	0.008784	4.70	0.09		41.53	21.53	1.08
Teggina Valle	Teggina Valle	90.283*	Max WS	UF_Tr30_D6_APP	156.47	326.60	329.17	329.21	330.13	0.008276	4.34			36.04	19.98	1.03
Teggina Valle	Teggina Valle	90.261*	Max WS	UF_Tr30_D1_APP	167.82	326.39	329.08	329.12	330.03	0.008102	4.30		0.35	39.05	22.01	1.03
Teggina Valle	Teggina Valle	90.261*	Max WS	UF_Tr30_D3_APP	195.63	326.39	329.27	329.35	330.31	0.007922	4.52	0.66	0.58	43.69	25.76	1.03
Teggina Valle	Teggina Valle	90.261*	Max WS	UF_Tr30_D6_APP	156.52	326.39	329.01	329.02	329.90	0.008003	4.18		0.23	37.43	21.74	1.02
Teggina Valle	Teggina Valle	90.239*	Max WS	UF_Tr30_D1_APP	167.81	326.18	328.92	329.01	329.87	0.009028	4.32		0.16	38.89	23.56	1.07
Teggina Valle	Teggina Valle	90.239*	Max WS	UF_Tr30_D3_APP	193.71	326.18	329.11	329.18	330.12	0.008763	4.45		0.41	43.58	24.72	1.07
Teggina Valle	Teggina Valle	90.239*	Max WS	UF_Tr30_D6_APP	156.41	326.18	328.85	328.92	329.74	0.008700	4.20			37.27	22.85	1.05
Teggina Valle	Teggina Valle	90.218*	Max WS	UF_Tr30_D1_APP	166.95	325.98	328.77		329.45	0.005363	3.64			45.81	23.69	0.84
Teggina Valle	Teggina Valle	90.218*	Max WS	UF_Tr30_D3_APP	191.49	325.98	328.97		329.70	0.005159	3.79		0.38	50.51	23.98	0.83
Teggina Valle	Teggina Valle	90.218*	Max WS	UF_Tr30_D6_APP	158.09	325.98	328.71		329.36	0.005335	3.57			44.25	23.55	0.83
Teggina Valle	Teggina Valle	90.196	Max WS	UF_Tr30_D1_APP	167.54	325.77	328.64	328.67	329.66	0.007940	4.46		0.29	37.58	19.81	1.02
Teggina Valle	Teggina Valle	90.196	Max WS	UF_Tr30_D3_APP	192.33	325.77	328.85	328.89	329.94	0.007628	4.63	0.46	0.76	41.92	22.34	1.01
Teggina Valle	Teggina Valle	90.196	Max WS	UF_Tr30_D6_APP	158.59	325.77	328.58	328.58	329.55	0.007771	4.37		0.12	36.32	18.99	1.00
Teggina Valle	Teggina Valle	90.174*	Max WS	UF_Tr30_D1_APP	167.61	325.62	328.49	328.53	329.50	0.008002	4.46	0.17		37.56	19.83	1.02
Teggina Valle	Teggina Valle	90.174*	Max WS	UF_Tr30_D3_APP	191.92	325.62	328.70	328.78	329.78	0.007519	4.61	0.64	0.39	42.09	23.38	1.01
Teggina Valle	Teggina Valle	90.174*	Max WS	UF_Tr30_D6_APP	158.54	325.62	328.43	328.44	329.40	0.007868	4.36			36.33	19.09	1.01
Teggina Valle	Teggina Valle	90.152*	Max WS	UF_Tr30_D1_APP	167.70	325.46	328.33	328.37	329.35	0.008221	4.47			37.48	19.67	1.03
Teggina Valle	Teggina Valle	90.152*	Max WS	UF_Tr30_D3_APP	192.11	325.46	328.55	328.61	329.62	0.007712	4.59	0.40	0.52	42.19	23.92	1.02
Teggina Valle	Teggina Valle	90.152*	Max WS	UF_Tr30_D6_APP	158.64	325.46	328.27	328.30	329.24	0.008008	4.37			36.29	19.34	1.02
Teggina Valle	Teggina Valle	90.131*	Max WS	UF_Tr30_D1_APP	167.76	325.30	328.17	328.25	329.20	0.008441	4.50			37.31	19.87	1.05
Teggina Valle	Teggina Valle	90.131*	Max WS	UF_Tr30_D3_APP	193.46	325.30	328.39	328.49	329.48	0.007949	4.61	0.36	0.49	42.21	23.90	1.03
Teggina Valle	Teggina Valle	90.131*	Max WS	UF_Tr30_D6_APP	157.80	325.30	328.11	328.15	329.08	0.008060	4.36			36.23	19.54	1.02
Teggina Valle	Teggina Valle	90.109*	Max WS	UF_Tr30_D1_APP	167.98	325.14	328.00	328.10	329.05	0.008730	4.54			37.02	19.96	1.06
Teggina Valle	Teggina Valle	90.109*	Max WS	UF_Tr30_D3_APP	196.30	325.14	328.23	328.37	329.35	0.008431	4.69	0.31	0.42	42.07	24.11	1.06
Teggina Valle	Teggina Valle	90.109*	Max WS	UF_Tr30_D6_APP	157.65	325.14	327.95	328.00	328.92	0.008185	4.37			36.12	19.66	1.03
Teggina Valle	Teggina Valle	90.087*	Max WS	UF_Tr30_D1_APP	168.70	324.99	327.82	327.95	328.91	0.009091	4.61			36.60	19.86	1.08
Teggina Valle	Teggina Valle	90.087*	Max WS	UF_Tr30_D3_APP	200.30	324.99	328.06	328.23	329.25	0.009249	4.82	0.21	0.28	41.63	24.16	1.10
Teggina Valle	Teggina Valle	90.087*	Max WS	UF_Tr30_D6_APP	157.05	324.99	327.79	327.84	328.76	0.008212	4.37			35.97	19.60	1.03
Teggina Valle	Teggina Valle	90.065	Max WS	UF_Tr30_D1_APP	169.95	324.83	327.64	327.82	328.77	0.009394	4.71			36.08	19.39	1.10
Teggina Valle	Teggina Valle	90.065	Max WS	UF_Tr30_D3_APP	205.26	324.83	327.87	328.13	329.16	0.010630	5.04		0.12	40.70	21.89	1.18
Teggina Valle	Teggina Valle	90.065	Max WS	UF_Tr30_D6_APP	155.87	324.83	327.63	327.65	328.59	0.008009	4.34			35.90	19.33	1.02

HEC-RAS Profile: Max WS (Continued)

River	Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
					(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Teggina Valle	Teggina Valle	90.043	Max WS	UF_Tr30_D1_APP	169.95	324.83	327.48	327.42	328.34	0.006780	4.09		0.49	41.62	22.92	0.94
Teggina Valle	Teggina Valle	90.043	Max WS	UF_Tr30_D3_APP	191.11	324.83	327.70	327.58	328.57	0.006014	4.12		0.79	46.84	24.25	0.90
Teggina Valle	Teggina Valle	90.043	Max WS	UF_Tr30_D6_APP	151.88	324.83	327.50		328.17	0.005243	3.62		0.46	42.06	23.05	0.83
Teggina Valle	Teggina Valle	90.022*	Max WS	UF_Tr30_D1_APP	163.20	324.75	327.37		328.01	0.004845	3.56		0.25	45.88	22.90	0.79
Teggina Valle	Teggina Valle	90.022*	Max WS	UF_Tr30_D3_APP	196.67	324.75	327.60		328.36	0.005041	3.87		0.61	51.31	24.99	0.81
Teggina Valle	Teggina Valle	90.022*	Max WS	UF_Tr30_D6_APP	166.48	324.75	327.40		328.05	0.004780	3.57		0.31	46.68	23.28	0.78
Teggina Valle	Teggina Valle	90	Max WS	UF_Tr30_D1_APP	156.87	324.67	327.28		327.84	0.003864	3.31	0.38	0.06	47.42	21.72	0.71
Teggina Valle	Teggina Valle	90	Max WS	UF_Tr30_D3_APP	185.83	324.67	327.51		328.15	0.003933	3.56	0.51	0.47	52.72	25.27	0.73
Teggina Valle	Teggina Valle	90	Max WS	UF_Tr30_D6_APP	163.27	324.67	327.32		327.90	0.003977	3.39	0.40	0.15	48.18	22.47	0.72
Teggina Valle	Teggina Valle	89.800*	Max WS	UF_Tr30_D1_APP	156.93	324.31	327.26		327.67	0.002696	2.85		0.14	55.08	24.62	0.60
Teggina Valle	Teggina Valle	89.800*	Max WS	UF_Tr30_D3_APP	183.20	324.31	327.46		327.93	0.002807	3.06		0.32	60.14	27.03	0.62
Teggina Valle	Teggina Valle	89.800*	Max WS	UF_Tr30_D6_APP	160.17	324.31	327.28		327.70	0.002721	2.88		0.18	55.64	24.81	0.61
Teggina Valle	Teggina Valle	89.600*	Max WS	UF_Tr30_D1_APP	157.00	323.95	327.28		327.60	0.001854	2.49	0.40	0.22	63.41	28.36	0.51
Teggina Valle	Teggina Valle	89.600*	Max WS	UF_Tr30_D3_APP	180.91	323.95	327.45		327.81	0.001958	2.67	0.58	0.37	68.28	29.13	0.53
Teggina Valle	Teggina Valle	89.600*	Max WS	UF_Tr30_D6_APP	158.99	323.95	327.30		327.62	0.001859	2.50	0.42	0.24	63.86	28.43	0.51
Teggina Valle	Teggina Valle	89.400*	Max WS	UF_Tr30_D1_APP	157.05	323.59	327.29		327.56	0.001367	2.27	0.39	0.25	69.61	28.70	0.44
Teggina Valle	Teggina Valle	89.400*	Max WS	UF_Tr30_D3_APP	179.89	323.59	327.47		327.77	0.001448	2.44	0.55	0.37	74.74	29.46	0.46
Teggina Valle	Teggina Valle	89.400*	Max WS	UF_Tr30_D6_APP	158.45	323.59	327.31		327.57	0.001369	2.28	0.40	0.26	69.99	28.83	0.44
Teggina Valle	Teggina Valle	89.200	Max WS	UF_Tr30_D1_APP	156.03	323.23	327.32	325.71	327.53	0.000966	2.04	0.49	0.35	78.02	30.18	0.37
Teggina Valle	Teggina Valle	89.200	Max WS	UF_Tr30_D3_APP	175.71	323.23	327.52	325.87	327.75	0.000987	2.15	0.60	0.49	83.92	30.18	0.38
Teggina Valle	Teggina Valle	89.200	Max WS	UF_Tr30_D6_APP	157.26	323.23	327.33	325.72	327.55	0.000968	2.05	0.50	0.36	78.39	30.18	0.37
Teggina Valle	Teggina Valle	89.1			Inl Struct											
Teggina Valle	Teggina Valle	89	Max WS	UF_Tr30_D1_APP	156.00	323.23	326.11		326.68	0.004472	3.34			46.64	23.36	0.76
Teggina Valle	Teggina Valle	89	Max WS	UF_Tr30_D3_APP	175.71	323.23	326.32		326.91	0.004298	3.41			51.52	24.32	0.75
Teggina Valle	Teggina Valle	89	Max WS	UF_Tr30_D6_APP	157.25	323.23	326.11		326.69	0.004561	3.38			46.58	23.35	0.76
Teggina Valle	Teggina Valle	88.944*	Max WS	UF_Tr30_D1_APP	156.06	323.11	326.02		326.58	0.004909	3.32			47.03	26.05	0.79
Teggina Valle	Teggina Valle	88.944*	Max WS	UF_Tr30_D3_APP	175.90	323.11	326.23		326.80	0.004715	3.34			52.73	28.21	0.78
Teggina Valle	Teggina Valle	88.944*	Max WS	UF_Tr30_D6_APP	157.39	323.11	326.02		326.59	0.005030	3.36			46.89	26.00	0.80
Teggina Valle	Teggina Valle	88.93			Lat Struct											
Teggina Valle	Teggina Valle	88.92			Lat Struct											
Teggina Valle	Teggina Valle	88.889*	Max WS	UF_Tr30_D1_APP	156.12	322.99	325.93		326.50	0.004837	3.36			46.53	25.12	0.79
Teggina Valle	Teggina Valle	88.889*	Max WS	UF_Tr30_D3_APP	176.09	322.99	326.14		326.73	0.004623	3.38			52.07	26.90	0.78
Teggina Valle	Teggina Valle	88.889*	Max WS	UF_Tr30_D6_APP	157.54	322.99	325.92		326.51	0.004973	3.40			46.35	25.06	0.80
Teggina Valle	Teggina Valle	88.833*	Max WS	UF_Tr30_D1_APP	156.12	322.87	325.84		326.34	0.004988	3.11			50.16	31.76	0.79
Teggina Valle	Teggina Valle	88.833*	Max WS	UF_Tr30_D3_APP	176.72	322.87	326.07		326.55	0.004296	3.07			57.65	33.27	0.74
Teggina Valle	Teggina Valle	88.833*	Max WS	UF_Tr30_D6_APP	157.70	322.87	325.83		326.34	0.005215	3.17			49.68	31.57	0.81
Teggina Valle	Teggina Valle	88.778*	Max WS	UF_Tr30_D1_APP	156.18	322.75	325.74		326.31	0.004817	3.32			47.07	26.10	0.79
Teggina Valle	Teggina Valle	88.778*	Max WS	UF_Tr30_D3_APP	177.36	322.75	325.97		326.54	0.004429	3.34			53.16	27.44	0.77
Teggina Valle	Teggina Valle	88.778*	Max WS	UF_Tr30_D6_APP	157.86	322.75	325.73		326.31	0.005043	3.38			46.66	26.00	0.81
Teggina Valle	Teggina Valle	88.722*	Max WS	UF_Tr30_D1_APP	156.22	322.62	325.66		326.20	0.004688	3.28			47.60	26.38	0.78
Teggina Valle	Teggina Valle	88.722*	Max WS	UF_Tr30_D3_APP	177.56	322.62	325.89		326.44	0.004269	3.29			53.93	27.71	0.75
Teggina Valle	Teggina Valle	88.722*	Max WS	UF_Tr30_D6_APP	158.03	322.62	325.63		326.21	0.004962	3.36			47.04	26.27	0.80
Teggina Valle	Teggina Valle	88.667*	Max WS	UF_Tr30_D1_APP	156.22	322.50	325.57		326.09	0.004787	3.21			48.70	28.58	0.78
Teggina Valle	Teggina Valle	88.667*	Max WS	UF_Tr30_D3_APP	178.36	322.50	325.81		326.33	0.004386	3.19			55.87	30.94	0.76
Teggina Valle	Teggina Valle	88.667*	Max WS	UF_Tr30_D6_APP	158.19	322.50	325.54		326.09	0.005130	3.30			47.87	28.30	0.81
Teggina Valle	Teggina Valle	88.611*	Max WS	UF_Tr30_D1_APP	156.41	322.38	325.48		325.98	0.004611	3.15			49.70	29.29	0.77
Teggina Valle	Teggina Valle	88.611*	Max WS	UF_Tr30_D3_APP	180.04	322.38	325.73		326.23	0.004309	3.14			57.33	32.25	0.75
Teggina Valle	Teggina Valle	88.611*	Max WS	UF_Tr30_D6_APP	158.36	322.38	325.44		325.98	0.005000	3.26			48.60	28.88	0.80
Teggina Valle	Teggina Valle	88.556*	Max WS	UF_Tr30_D1_APP	156.87	322.26	325.40		325.88	0.004282	3.08			50.98	29.42	0.75
Teggina Valle	Teggina Valle	88.556*	Max WS	UF_Tr30_D3_APP	182.30	322.26	325.65		326.14	0.004160	3.11			58.70	32.76	0.74
Teggina Valle	Teggina Valle	88.556*	Max WS	UF_Tr30_D6_APP	158.56	322.26	325.35		325.87	0.004701	3.20			49.58	28.96	0.78
Teggina Valle	Teggina Valle	88.500*	Max WS	UF_Tr30_D1_APP	157.35	322.14	325.33		325.78	0.003784	2.99			52.71	29.00	0.71
Teggina Valle	Teggina Valle	88.500*	Max WS	UF_Tr30_D3_APP	184.88	322.14	325.57		326.05	0.004308	3.07			60.26	35.23	0.75
Teggina Valle	Teggina Valle	88.500*	Max WS	UF_Tr30_D6_APP	158.74	322.14	325.27		325.76	0.004232	3.11			50.99	28.65	0.75
Teggina Valle	Teggina Valle	88.445*	Max WS	UF_Tr30_D1_APP	158.01	322.02	325.27		325.68	0.003415	2.84		0.23	55.91	35.34	0.67
Teggina Valle	Teggina Valle	88.445*	Max WS	UF_Tr30_D3_APP	187.46	322.02	325.50		325.94	0.003304	2.97		0.65	64.36	37.94	0.67
Teggina Valle	Teggina Valle	88.445*	Max WS	UF_Tr30_D6_APP	158.93	322.02	325.20		325.65	0.003892	2.97		0.11	53.60	31.93	0.71
Teggina Valle	Teggina Valle	88.389*	Max WS	UF_Tr30_D1_APP	159.20	321.90	325.22		325.59	0.003002	2.72		0.34	59.16	37.95	0.63
Teggina Valle	Teggina Valle	88.389*	Max WS	UF_Tr30_D3_APP	189.49	321.90	325.44		325.86	0.002946	2.86		0.72	67.90	38.75	0.64
Teggina Valle	Teggina Valle	88.389*	Max WS	UF_Tr30_D6_APP	159.19	321.90	325.14		325.55	0.003407	2.83		0.15	56.33	37.69	0.67
Teggina Valle	Teggina Valle	88.334*	Max WS	UF_Tr30_D1_APP	160.84	321.78	325.17		325.52	0.002678	2.62		0.32	62.00	38.73	0.60
Teggina Valle	Teggina Valle	88.334*	Max WS	UF_Tr30_D3_APP	191.72	321.78	325.40		325.79	0.002655	2.77	0.16	0.68	70.93	40.81	0.61
Teggina Valle	Teggina Valle	88.334*	Max WS	UF_Tr30_D6_APP	159.75	321.78	325.09		325.47	0.002943	2.72		0.18	58.88	35.77	0.63
Teggina Valle	Teggina Valle	88.278*	Max WS	UF_Tr30_D1_APP	162.11	321.66	325.15		325.45	0.002380	2.44		0.48	67.23	39.65	0.57
Teggina Valle	Teggina Valle	88.278*	Max WS	UF_Tr30_D3_APP	192.99	321.66	325.38		325.71	0.002294	2.57	0.31	0.75	76.75	42.50	0.57
Teggina Valle	Teggina Valle	88.278*	Max WS	UF_Tr30_D6_APP	160.13	321.66	325.05		325.38	0.002697	2.53		0.35	63.67	39.25	0.60
Teggina Valle	Teggina Valle	88.223*	Max WS	UF_Tr30_D1_APP	168.07	321.53	325.09		325.39	0.001991	2.43	0.72		71.00	36.96	0.53
Teggina Valle	Teggina Valle	88.223*	Max WS	UF_Tr30_D3_APP	200.89	321.53	325.31		325.66	0.002095	2.62	0.93		79.11	37.55	0.55
Teggina Valle	Teggina Valle	88.223*	Max WS	UF_Tr30_D6_APP	163.82	321.53	325.01		325.32	0.002119	2.47	0.67		68.03	36.56	0.54
Teggina Valle	Teggina Valle	88.167*	Max WS	UF_Tr30_D1_APP	174.84	321.41	325.04		325.34	0.001863	2.41	0.51	0.18	74.09	42.16	0.51
Teggina Valle	Teggina Valle	88.167*	Max WS	UF_Tr30_D3_APP	211.12	321.41	325.24		325.60	0.002026	2.65	0.74	0.48	82.71	43.43	0.54
Teggina Valle	Teggina Valle	88.167*	Max WS	UF_Tr30_D6_APP	168.17	321.41	324.98		325.27	0.001891	2.39	0.44	0.10	71.37	39.05	0.51
Teggina Valle	Teggina Valle	88.112*	Max WS	UF_Tr30_D1_APP	179.47	321.29	325.02		325.29	0.001500	2.29	0.73	0.31	81.81	44.20	0.47
Teggina Valle	Teggina Valle	88.112*	Max WS	UF_Tr30_D3_APP	216.41	321.29	325.22		325.54	0.001654	2.53	0.91	0.56	90.51	44.20	0.49
Teggina Valle	Teggina Valle	88.112*	Max WS	UF_Tr30_D6_APP	170.96	321.29	324.96		325.22	0.001483	2.24	0.68	0.23	79.18	43.99	0.46
Teggina Valle	Teggina Valle	88.056	Max WS	UF_Tr30_D1_APP	172.25	321.17	325.06	323.69	325.27	0.000993	2.02	0.68	0.62	92.36	44.72	0.38
Teggina Valle	Teggina Valle	88.056	Max WS	UF_Tr30_D3_APP	203.18	321.17	325.29	323.90	325.52	0.001038	2.17	0.81	0.77	102.39	44.72	0.40
Teggina Valle	Teggina Valle	88.056	Max WS	UF_Tr30_D6_APP	164.15	321.17	325.00	323.64	325.20	0.000979	1.98	0.64	0.58	89.60	44.72	0.38
Teggina Valle	Teggina Valle	88.054			Inl Struct											
Teggina Valle	Teggina Valle	88	Max WS	UF_Tr30_D1_APP	29.74	321.17	324.39		324.40	0.000080	0.47		0.01	63.26	31.04	0.10
Teggina Valle	Teggina Valle	88	Max WS	UF_Tr30_D3_APP	203.17	321.17	324.76		325.14	0.002148	2.70	0.24	0.53	76.56	41.61	0.55
Teggina Valle	Teggina Valle	88	Max WS	UF_Tr30_D6_APP	160.54	321.17	324.40		324.72	0.002297	2.53		0.08	63.51	31.25	0.56
Teggina Valle	Teggina Valle	87.857*	Max WS	UF_Tr30_D1_APP	29.76	320.97	324.39		324.40	0.000065	0.45	0.03	0.05	66.33	32.77	0.10
Teggina Valle	Teggina Valle	87.857*	Max WS	UF_Tr30_D3_APP	206.30	320.97	324.72		325.09	0.001959	2.70	0.48	0.56	79.07	41.49	0.54
Teggina Valle	Teggina Valle	87.857*	Max WS	UF_Tr30_D6_APP	161.02	320.97	324.36		324.67	0.001981	2.46	0.13	0.25	65.61	32.17	0.52
Teggina Valle	Teggina Valle	87.714*	Max WS	UF_Tr30_D1_APP	29.78	320.78	324.39		324.40	0.000055	0.44	0.05	0.08	69.20	34.83	0.09
Teggina Valle	Teggina Valle	87.714*	Max WS	UF_Tr30_D3_APP	209.30	320.78	324.67		325.05	0.001836	2.72	0.62	0.62	79.93	37.97	0.52
Teggina Valle	Teggina Valle	87.714*	Max WS	UF_Tr30_D6_APP	161.60	320.78	324.33		324.63	0.001729	2.42	0.28	0.39	67.43	32.91	0.50

HEC-RAS Profile: Max WS (Continued)

River	Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
					(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Teggina Valle	Teggina Valle	87.571*	Max WS	UF_Tr30_D1_APP	29.77	320.58	324.39		324.39	0.000047	0.42	0.08	0.09	72.50	36.37	0.08
Teggina Valle	Teggina Valle	87.571*	Max WS	UF_Tr30_D3_APP	211.99	320.58	324.63		325.01	0.001727	2.74	0.75	0.67	81.57	36.97	0.51
Teggina Valle	Teggina Valle	87.571*	Max WS	UF_Tr30_D6_APP	162.54	320.58	324.31		324.60	0.001548	2.40	0.38	0.46	69.59	36.18	0.47
Teggina Valle	Teggina Valle	87.429*	Max WS	UF_Tr30_D1_APP	29.71	320.39	324.38		324.39	0.000041	0.42	0.10	0.09	75.74	37.49	0.08
Teggina Valle	Teggina Valle	87.429*	Max WS	UF_Tr30_D3_APP	214.92	320.39	324.59		324.97	0.001655	2.77	0.85	0.69	83.58	38.37	0.50
Teggina Valle	Teggina Valle	87.429*	Max WS	UF_Tr30_D6_APP	163.30	320.39	324.27		324.56	0.001417	2.39	0.51	0.47	71.65	36.95	0.45
Teggina Valle	Teggina Valle	87.286*	Max WS	UF_Tr30_D1_APP	29.63	320.19	324.38		324.39	0.000036	0.41	0.12	0.08	79.50	41.01	0.07
Teggina Valle	Teggina Valle	87.286*	Max WS	UF_Tr30_D3_APP	219.89	320.19	324.54		324.93	0.001654	2.85	0.96	0.69	85.84	41.01	0.50
Teggina Valle	Teggina Valle	87.286*	Max WS	UF_Tr30_D6_APP	69.97	320.19	324.26		324.31	0.000235	1.01	0.27	0.16	74.53	40.80	0.19
Teggina Valle	Teggina Valle	87.143*	Max WS	UF_Tr30_D1_APP	29.59	320.00	324.38		324.39	0.000033	0.40	0.14	0.10	83.26	40.25	0.07
Teggina Valle	Teggina Valle	87.143*	Max WS	UF_Tr30_D3_APP	226.60	320.00	324.48		324.90	0.001717	2.96	1.10	0.80	87.00	40.25	0.51
Teggina Valle	Teggina Valle	87.143*	Max WS	UF_Tr30_D6_APP	70.38	320.00	324.26		324.31	0.000214	1.00	0.33	0.23	78.38	39.28	0.18
Teggina Valle	Teggina Valle	87	Max WS	UF_Tr30_D1_APP	29.61	319.80	324.38	320.81	324.39	0.000031	0.40	0.16	0.09	82.92	36.33	0.07
Teggina Valle	Teggina Valle	87	Max WS	UF_Tr30_D3_APP	232.56	319.80	324.39	323.36	324.87	0.001918	3.17	1.22	0.73	83.33	36.42	0.53
Teggina Valle	Teggina Valle	87	Max WS	UF_Tr30_D6_APP	71.22	319.80	324.26	321.54	324.31	0.000210	1.02	0.37	0.24	78.37	35.35	0.18
Teggina Valle	Teggina Valle	86.955			Bridge											
Teggina Valle	Teggina Valle	86.938	Max WS	UF_Tr30_D1_APP	29.61	319.76	324.38		324.39	0.000027	0.39	0.15	0.10	87.13	36.96	0.06
Teggina Valle	Teggina Valle	86.938	Max WS	UF_Tr30_D3_APP	30.79	319.76	324.35		324.36	0.000031	0.41	0.16	0.10	86.06	36.89	0.07
Teggina Valle	Teggina Valle	86.938	Max WS	UF_Tr30_D6_APP	70.99	319.76	324.25		324.30	0.000182	0.97	0.36	0.23	82.38	36.66	0.16
Teggina Valle	Teggina Valle	86.876*	Max WS	UF_Tr30_D1_APP	24.63	319.71	324.38		324.39	0.000021	0.31	0.11	0.06	86.22	37.62	0.06
Teggina Valle	Teggina Valle	86.876*	Max WS	UF_Tr30_D3_APP	27.70	319.71	324.35		324.36	0.000028	0.35	0.12	0.07	85.09	37.51	0.06
Teggina Valle	Teggina Valle	86.876*	Max WS	UF_Tr30_D6_APP	71.04	319.71	324.25		324.29	0.000206	0.94	0.31	0.15	81.17	37.12	0.17
Teggina Valle	Teggina Valle	86.813*	Max WS	UF_Tr30_D1_APP	19.59	319.67	324.38		324.39	0.000013	0.25	0.09	0.05	87.60	37.83	0.04
Teggina Valle	Teggina Valle	86.813*	Max WS	UF_Tr30_D3_APP	24.61	319.67	324.35		324.36	0.000021	0.32	0.12	0.06	86.44	37.74	0.05
Teggina Valle	Teggina Valle	86.813*	Max WS	UF_Tr30_D6_APP	71.29	319.67	324.24		324.29	0.000200	0.95	0.33	0.17	82.29	37.39	0.17
Teggina Valle	Teggina Valle	86.751*	Max WS	UF_Tr30_D1_APP	14.63	319.63	324.39		324.39	0.000007	0.18	0.07	0.03	89.53	36.00	0.03
Teggina Valle	Teggina Valle	86.751*	Max WS	UF_Tr30_D3_APP	21.34	319.63	324.36		324.36	0.000015	0.27	0.10	0.05	88.41	35.95	0.05
Teggina Valle	Teggina Valle	86.751*	Max WS	UF_Tr30_D6_APP	71.73	319.63	324.24		324.28	0.000189	0.93	0.35	0.15	84.34	35.78	0.17
Teggina Valle	Teggina Valle	86.688*	Max WS	UF_Tr30_D1_APP	9.52	319.58	324.39		324.39	0.000003	0.11	0.05	0.02	91.61	37.11	0.02
Teggina Valle	Teggina Valle	86.688*	Max WS	UF_Tr30_D3_APP	17.83	319.58	324.36		324.36	0.000010	0.22	0.09	0.04	90.47	36.97	0.04
Teggina Valle	Teggina Valle	86.688*	Max WS	UF_Tr30_D6_APP	72.28	319.58	324.24		324.28	0.000181	0.92	0.35	0.16	86.16	36.45	0.16
Teggina Valle	Teggina Valle	86.626*	Max WS	UF_Tr30_D1_APP	2.86	319.54	324.39		324.39	0.000000	0.03	0.01	0.01	90.93	35.62	0.01
Teggina Valle	Teggina Valle	86.626*	Max WS	UF_Tr30_D3_APP	13.26	319.54	324.36		324.36	0.000005	0.16	0.06	0.04	89.85	35.50	0.03
Teggina Valle	Teggina Valle	86.626*	Max WS	UF_Tr30_D6_APP	73.41	319.54	324.23		324.28	0.000177	0.94	0.33	0.23	85.43	35.17	0.16
Teggina Valle	Teggina Valle	86.563*	Max WS	UF_Tr30_D1_APP	-6.23	319.50	324.39		324.39	0.000001	-0.07	-0.03	-0.02	95.46	37.05	0.01
Teggina Valle	Teggina Valle	86.563*	Max WS	UF_Tr30_D3_APP	6.70	319.50	324.37		324.37	0.000001	0.08	0.03	0.02	94.47	37.01	0.01
Teggina Valle	Teggina Valle	86.563*	Max WS	UF_Tr30_D6_APP	74.24	319.50	324.24		324.28	0.000169	0.90	0.35	0.18	89.88	36.80	0.16
Teggina Valle	Teggina Valle	86.501*	Max WS	UF_Tr30_D1_APP	-21.89	319.46	324.40		324.40	0.000012	-0.25	-0.10	-0.07	97.30	38.24	0.04
Teggina Valle	Teggina Valle	86.501*	Max WS	UF_Tr30_D3_APP	-5.84	319.46	324.38		324.38	0.000001	-0.07	-0.03	-0.02	96.53	38.24	0.01
Teggina Valle	Teggina Valle	86.501*	Max WS	UF_Tr30_D6_APP	74.57	319.46	324.25		324.29	0.000165	0.88	0.34	0.24	91.62	38.22	0.16
Teggina Valle	Teggina Valle	86.438*	Max WS	UF_Tr30_D1_APP	-60.00	319.41	324.36		324.38	0.000073	-0.61	-0.24		105.80	38.09	0.10
Teggina Valle	Teggina Valle	86.438*	Max WS	UF_Tr30_D3_APP	-39.30	319.41	324.36		324.36	0.000032	-0.40	-0.16		105.63	38.09	0.07
Teggina Valle	Teggina Valle	86.438*	Max WS	UF_Tr30_D6_APP	49.15	319.41	324.28		324.29	0.000054	0.52	0.20		102.67	38.09	0.09
Teggina Valle	Teggina Valle	86.376*	Max WS	UF_Tr30_D1_APP	-85.27	319.37	324.28		324.33	0.000175	-1.02	-0.41	-0.43	97.96	37.93	0.17
Teggina Valle	Teggina Valle	86.376*	Max WS	UF_Tr30_D3_APP	-61.37	319.37	324.30		324.33	0.000089	-0.73	-0.30	-0.31	98.63	37.93	0.12
Teggina Valle	Teggina Valle	86.376*	Max WS	UF_Tr30_D6_APP	20.78	319.37	324.31		324.31	0.000010	0.25	0.10	0.10	98.84	37.93	0.04
Teggina Valle	Teggina Valle	86.313*	Max WS	UF_Tr30_D1_APP	-108.29	319.33	324.29		324.34	0.000202	-1.10	-0.48	-0.53	111.67	37.78	0.18
Teggina Valle	Teggina Valle	86.313*	Max WS	UF_Tr30_D3_APP	-79.45	319.33	324.31		324.34	0.000106	-0.80	-0.35	-0.39	112.57	37.78	0.13
Teggina Valle	Teggina Valle	86.313*	Max WS	UF_Tr30_D6_APP	-13.17	319.33	324.33		324.33	0.000003	-0.13	-0.06	-0.06	113.22	37.78	0.02
Teggina Valle	Teggina Valle	86.251*	Max WS	UF_Tr30_D1_APP	-97.72	319.28	324.27		324.33	0.000211	-1.10	-0.49	-0.48	101.98	37.62	0.18
Teggina Valle	Teggina Valle	86.251*	Max WS	UF_Tr30_D3_APP	-69.93	319.28	324.30		324.32	0.000106	-0.78	-0.35	-0.34	102.76	37.62	0.13
Teggina Valle	Teggina Valle	86.251*	Max WS	UF_Tr30_D6_APP	-15.48	319.28	324.31		324.31	0.000005	-0.17	-0.08	-0.08	103.17	37.62	0.03
Teggina Valle	Teggina Valle	86.188*	Max WS	UF_Tr30_D1_APP	-108.80	319.24	324.25		324.32	0.000269	-1.17	-0.56	-0.36	102.00	37.46	0.21
Teggina Valle	Teggina Valle	86.188*	Max WS	UF_Tr30_D3_APP	-84.02	319.24	324.27		324.30	0.000158	-0.90	-0.43	-0.28	102.61	37.46	0.16
Teggina Valle	Teggina Valle	86.188*	Max WS	UF_Tr30_D6_APP	-35.33	319.24	324.30		324.31	0.000027	-0.37	-0.18	-0.12	103.88	37.46	0.07
Teggina Valle	Teggina Valle	86.126*	Max WS	UF_Tr30_D1_APP	-113.69	319.20	324.23		324.30	0.000285	-1.26	-0.58	-0.52	102.31	37.31	0.21
Teggina Valle	Teggina Valle	86.126*	Max WS	UF_Tr30_D3_APP	-91.04	319.20	324.25		324.29	0.000180	-1.00	-0.46	-0.41	102.89	37.31	0.17
Teggina Valle	Teggina Valle	86.126*	Max WS	UF_Tr30_D6_APP	-2.46	319.20	324.29		324.29	0.000000	-0.03	-0.01	-0.01	104.35	37.31	0.00
Teggina Valle	Teggina Valle	86.063	Max WS	UF_Tr30_D1_APP	-120.35	319.16	324.23		324.31	0.000314	-1.31	-0.61	-0.52	103.23	37.14	0.22
Teggina Valle	Teggina Valle	86.063	Max WS	UF_Tr30_D3_APP	-108.68	319.16	324.24		324.31	0.000252	-1.18	-0.55	-0.47	103.76	37.14	0.20
Teggina Valle	Teggina Valle	86.063	Max WS	UF_Tr30_D6_APP	-28.23	319.16	324.27		324.28	0.000016	-0.30	-0.14	-0.12	105.00	37.14	0.05
Teggina Valle	Teggina Valle	86	Max WS	UF_Tr30_D1_APP	-145.85	319.03	324.27	321.04	324.33	0.000163	-1.08	-0.50		144.67	36.98	0.16
Teggina Valle	Teggina Valle	86	Max WS	UF_Tr30_D3_APP	-124.95	319.03	324.27	320.88	324.31	0.000120	-0.93	-0.43		144.67	36.98	0.14
Teggina Valle	Teggina Valle	86	Max WS	UF_Tr30_D6_APP	-2.59	319.03	324.27	319.26	324.27	0.000000	-0.02	-0.01		144.67	36.98	0.00
Teggina Monte	Teggina Monte	100	Max WS	UF_Tr30_D1_APP	157.70	374.30	376.63	377.15	378.35	0.022323	5.83		1.06	28.21	20.84	1.43
Teggina Monte	Teggina Monte	100	Max WS	UF_Tr30_D3_APP	164.89	374.30	376.68	377.21	378.45	0.022410	5.92		1.15	29.16	21.05	1.44
Teggina Monte	Teggina Monte	100	Max WS	UF_Tr30_D6_APP	103.50	374.30	376.23	376.61	377.52	0.022059	5.02		0.03	20.61	15.39	1.37
Teggina Monte	Teggina Monte	99.900*	Max WS	UF_Tr30_D1_APP	157.70	373.90	376.22	376.73	377.93	0.022501	5.82		1.06	28.24	20.98	1.43
Teggina Monte	Teggina Monte	99.900*	Max WS	UF_Tr30_D3_APP	164.89	373.90	376.27	376.79	378.03	0.022632	5.92		1.16	29.16	21.19	1.44
Teggina Monte	Teggina Monte	99.900*	Max WS	UF_Tr30_D6_APP	103.50	373.90	375.83	376.20	377.11	0.022204	5.01		0.05	20.65	15.89	1.38
Teggina Monte	Teggina Monte	99.800*	Max WS	UF_Tr30_D1_APP	157.70	373.49	375.81	376.31	377.52	0.022790	5.82		1.06	28.20	21.11	1.44
Teggina Monte	Teggina Monte	99.800*	Max WS	UF_Tr30_D3_APP	164.89	373.49	375.85	376.37	377.62	0.022837	5.92	0.12	1.15	29.11	21.30	1.45
Teggina Monte	Teggina Monte	99.800*	Max WS	UF_Tr30_D6_APP	103.50	373.49	375.42	375.79	376.70	0.022352	5.00		0.06	20.69	16.07	1.38
Teggina Monte	Teggina Monte	99.700*	Max WS	UF_Tr30_D1_APP	157.70	373.09	375.39	375.90	377.11	0.022853	5.83	0.23	1.05	28.15	21.19	1.45
Teggina Monte	Teggina Monte	99.700*	Max WS	UF_Tr30_D3_APP	164.88	373.09	375.43	375.96	377.21	0.022839	5.93	0.31	1.14	29.07	21.38	1.45
Teggina Monte	Teggina Monte	99.700*	Max WS	UF_Tr30_D6_APP	103.50	373.09	375.01	375.38	376.28	0.022498	4.99		0.05	20.72	16.10	1.39
Teggina Monte	Teggina Monte	99.65			Lat Struct											
Teggina Monte	Teggina Monte	99.600*	Max WS	UF_Tr30_D1_APP	157.69	372.68	374.97	375.49	376.70	0.022914	5.84	0.39	0.91	28.17	22.66	1.45
Teggina Monte	Teggina Monte	99.600*	Max WS	UF_Tr30_D3_APP	164.88	372.68	375.01	375.55	376.80	0.022887	5.94	0.46	0.95	29.18	23.54	1.46
Teggina Monte	Teggina Monte	99.600*	Max WS	UF_Tr30_D6_APP	103.50	372.68	374.60	374.95	375.86	0.022640	4.99			20.76	15.87	1.39
Teggina Monte	Teggina Monte	99.500*	Max WS	UF_Tr30_D1_APP	157.69	372.28	374.55	375.08	376.28	0.022863	5.84	0.50	0.93	28.15	22.33	1.45
Teggina Monte	Teggina Monte	99.500*	Max WS	UF_Tr30_D3_APP	164.88	372.28	374.60	375.13	376.37	0.022820	5.93	0.55	0.98	29.14	22.98	1.46
Teggina Monte	Teggina Monte	99.500*	Max WS	UF_Tr30_D6_APP	103.50	372.28	374.18	374.54	375.44	0.022787	4.98			20.80	15.99	1.39
Teggina Monte	Teggina Monte	99.400*	Max WS	UF_Tr30_D1_APP	157.68	371.88	374.14	374.65	375.85	0.022655	5.82	0.61	0.95	28.20	22.04	1.45
Teggina Monte	Teggina Monte	99.400*	Max WS	UF_Tr30_D3_APP	164.87	371.88	374.18	374.71	375.95	0.022600	5.92	0.66	1.01	29.19	22.52	1.45
Teggina Monte	Teggina Monte	99.400*	Max WS	UF_Tr30_D6_APP	103.50	371.88	373.77	374.12	375.02	0.022874	4.96			20.85	16.16	1.39
Teggina Monte	Teggina Monte	99.300*	Max WS	UF_Tr30_D1_APP	157.69	371.47	373.73	374.24	375.41	0.022016	5.77	0.85	0.98	28.55	22.20	1.43
Teggina Monte	Teggina Monte	99.300*	Max WS	UF_Tr30_D3_APP	164.87	371.47	373.77	374.29	375.51	0.021953	5.86	0.90	1.06	29.55	22.55	1.43

HEC-RAS Profile: Max WS (Continued)

River	Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
					(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Teggina Monte	Teggina Monte	99.300*	Max WS	UF_Tr30_D6_APP	103.50	371.47	373.35	373.70	374.59	0.022409	4.93	0.27		21.00	16.35	1.38
Teggina Monte	Teggina Monte	99.200*	Max WS	UF_Tr30_D1_APP	157.68	371.07	373.34	373.81	374.94	0.020504	5.64	0.97	0.97	29.40	22.93	1.38
Teggina Monte	Teggina Monte	99.200*	Max WS	UF_Tr30_D3_APP	164.87	371.07	373.38	373.86	375.04	0.020447	5.73	1.02	1.03	30.45	23.36	1.39
Teggina Monte	Teggina Monte	99.200*	Max WS	UF_Tr30_D6_APP	103.50	371.07	372.96	373.28	374.14	0.020932	4.83	0.47		21.48	16.63	1.34
Teggina Monte	Teggina Monte	99.100*	Max WS	UF_Tr30_D1_APP	157.68	370.66	372.99	373.39	374.42	0.017366	5.35	1.11	0.98	31.89	25.47	1.28
Teggina Monte	Teggina Monte	99.100*	Max WS	UF_Tr30_D3_APP	164.87	370.66	373.04	373.45	374.51	0.017330	5.43	1.15	1.06	33.06	25.87	1.29
Teggina Monte	Teggina Monte	99.100*	Max WS	UF_Tr30_D6_APP	103.50	370.66	372.60	372.86	373.67	0.017591	4.57	0.68	0.23	22.95	20.11	1.24
Teggina Monte	Teggina Monte	99.05			Lat Struct											
Teggina Monte	Teggina Monte	99	Max WS	UF_Tr30_D1_APP	157.59	370.26	372.72	372.97	373.84	0.012589	4.80	1.15	1.05	37.57	29.76	1.11
Teggina Monte	Teggina Monte	99	Max WS	UF_Tr30_D3_APP	164.60	370.26	372.76	373.02	373.92	0.012569	4.87	1.18	1.12	38.96	30.08	1.11
Teggina Monte	Teggina Monte	99	Max WS	UF_Tr30_D6_APP	103.50	370.26	372.33	372.45	373.17	0.012205	4.07	0.81	0.45	26.86	24.90	1.05
Teggina Monte	Teggina Monte	98.934*	Max WS	UF_Tr30_D1_APP	157.68	369.97	372.45	372.62	373.44	0.014416	4.41	0.66		36.26	26.92	1.15
Teggina Monte	Teggina Monte	98.934*	Max WS	UF_Tr30_D3_APP	164.86	369.97	372.50	372.67	373.51	0.014274	4.47	0.71		37.54	27.44	1.15
Teggina Monte	Teggina Monte	98.934*	Max WS	UF_Tr30_D6_APP	103.50	369.97	372.06	372.19	372.84	0.016015	3.91			26.44	22.90	1.16
Teggina Monte	Teggina Monte	98.867*	Max WS	UF_Tr30_D1_APP	157.68	369.68	372.12	372.46	373.40	0.019886	5.01			31.46	21.78	1.33
Teggina Monte	Teggina Monte	98.867*	Max WS	UF_Tr30_D3_APP	164.86	369.68	372.17	372.52	373.48	0.020063	5.07			32.50	22.24	1.34
Teggina Monte	Teggina Monte	98.867*	Max WS	UF_Tr30_D6_APP	103.50	369.68	371.73	371.96	372.71	0.018366	4.40			23.52	18.74	1.25
Teggina Monte	Teggina Monte	98.801*	Max WS	UF_Tr30_D1_APP	157.67	369.39	371.72	372.12	373.07	0.021264	5.16			30.58	21.58	1.38
Teggina Monte	Teggina Monte	98.801*	Max WS	UF_Tr30_D3_APP	164.86	369.39	371.76	372.18	373.15	0.021410	5.23			31.54	21.92	1.39
Teggina Monte	Teggina Monte	98.801*	Max WS	UF_Tr30_D6_APP	103.50	369.39	371.35	371.61	372.38	0.020303	4.49			23.08	19.44	1.31
Teggina Monte	Teggina Monte	98.734	Max WS	UF_Tr30_D1_APP	157.67	369.10	371.24	371.73	372.84	0.027431	5.59			28.18	21.32	1.55
Teggina Monte	Teggina Monte	98.734	Max WS	UF_Tr30_D3_APP	164.85	369.10	371.29	371.78	372.92	0.027417	5.67			29.08	21.56	1.56
Teggina Monte	Teggina Monte	98.734	Max WS	UF_Tr30_D6_APP	103.50	369.10	370.89	371.25	372.13	0.027415	4.93			21.01	19.31	1.51
Teggina Monte	Teggina Monte	98.667*	Max WS	UF_Tr30_D1_APP	157.67	368.52	370.72	371.23	372.35	0.026846	5.65			27.89	20.42	1.54
Teggina Monte	Teggina Monte	98.667*	Max WS	UF_Tr30_D3_APP	164.85	368.52	370.76	371.29	372.44	0.027048	5.74			28.70	20.63	1.55
Teggina Monte	Teggina Monte	98.667*	Max WS	UF_Tr30_D6_APP	103.50	368.52	370.39	370.73	371.57	0.024306	4.81			21.52	18.70	1.43
Teggina Monte	Teggina Monte	98.601*	Max WS	UF_Tr30_D1_APP	157.67	367.94	370.23	370.57	371.46	0.022951	4.93		1.17	33.11	29.88	1.41
Teggina Monte	Teggina Monte	98.601*	Max WS	UF_Tr30_D3_APP	164.85	367.94	370.28	370.62	371.52	0.022427	4.97		1.24	34.40	29.98	1.40
Teggina Monte	Teggina Monte	98.601*	Max WS	UF_Tr30_D6_APP	103.50	367.94	369.87	370.19	370.95	0.029995	4.60		0.21	22.53	25.86	1.54
Teggina Monte	Teggina Monte	98.534	Max WS	UF_Tr30_D1_APP	157.66	367.36	369.79	370.23	371.17	0.023056	5.20			30.30	22.36	1.43
Teggina Monte	Teggina Monte	98.534	Max WS	UF_Tr30_D3_APP	164.85	367.36	369.83	370.28	371.25	0.023440	5.27			31.29	22.94	1.44
Teggina Monte	Teggina Monte	98.534	Max WS	UF_Tr30_D6_APP	103.50	367.36	369.35	369.71	370.54	0.024110	4.81			21.50	18.44	1.42
Teggina Monte	Teggina Monte	98.533			Lat Struct											
Teggina Monte	Teggina Monte	98.467*	Max WS	UF_Tr30_D1_APP	157.66	366.92	369.31	369.71	370.67	0.025490	5.16			30.56	24.79	1.48
Teggina Monte	Teggina Monte	98.467*	Max WS	UF_Tr30_D3_APP	164.61	366.92	369.35	369.76	370.74	0.026258	5.22			31.55	25.76	1.51
Teggina Monte	Teggina Monte	98.467*	Max WS	UF_Tr30_D6_APP	103.50	366.92	368.89	369.28	370.05	0.023533	4.76			21.73	18.64	1.41
Teggina Monte	Teggina Monte	98.401*	Max WS	UF_Tr30_D1_APP	157.66	366.47	368.83	369.21	370.16	0.024147	5.10		0.37	30.99	26.27	1.45
Teggina Monte	Teggina Monte	98.401*	Max WS	UF_Tr30_D3_APP	164.49	366.47	368.88	369.26	370.21	0.023362	5.12		0.46	32.34	27.43	1.44
Teggina Monte	Teggina Monte	98.401*	Max WS	UF_Tr30_D6_APP	103.50	366.47	368.43	368.78	369.56	0.023683	4.70			22.04	19.49	1.41
Teggina Monte	Teggina Monte	98.334*	Max WS	UF_Tr30_D1_APP	157.67	366.03	368.41	368.72	369.62	0.019430	4.88	0.17	0.88	32.96	26.80	1.32
Teggina Monte	Teggina Monte	98.334*	Max WS	UF_Tr30_D3_APP	163.81	366.03	368.49	368.76	369.65	0.017352	4.79	0.33	0.98	35.11	27.28	1.26
Teggina Monte	Teggina Monte	98.334*	Max WS	UF_Tr30_D6_APP	103.50	366.03	367.98	368.29	369.04	0.022845	4.56			22.71	20.51	1.38
Teggina Monte	Teggina Monte	98.267	Max WS	UF_Tr30_D1_APP	157.65	365.58	368.09	368.25	369.09	0.013448	4.45	0.37	1.19	36.45	26.02	1.13
Teggina Monte	Teggina Monte	98.267	Max WS	UF_Tr30_D3_APP	161.51	365.58	368.21	368.27	369.11	0.010972	4.23	0.57	1.17	39.66	26.26	1.03
Teggina Monte	Teggina Monte	98.267	Max WS	UF_Tr30_D6_APP	103.49	365.58	367.59	367.79	368.50	0.017289	4.23		0.52	24.68	22.02	1.22
Teggina Monte	Teggina Monte	98.200*	Max WS	UF_Tr30_D1_APP	157.44	365.07	367.88	367.78	368.69	0.008067	4.01	0.81	0.97	41.07	23.17	0.90
Teggina Monte	Teggina Monte	98.200*	Max WS	UF_Tr30_D3_APP	164.64	365.07	368.04		368.79	0.006805	3.87	0.86	0.98	44.75	23.17	0.84
Teggina Monte	Teggina Monte	98.200*	Max WS	UF_Tr30_D6_APP	103.36	365.07	367.32	367.31	368.01	0.010472	3.68	0.13	0.43	28.33	21.56	0.97
Teggina Monte	Teggina Monte	98.134*	Max WS	UF_Tr30_D1_APP	156.98	364.57	367.75		368.34	0.004718	3.42	0.75	0.91	49.39	24.33	0.70
Teggina Monte	Teggina Monte	98.134*	Max WS	UF_Tr30_D3_APP	165.32	364.57	367.93		368.48	0.004093	3.34	0.77	0.94	53.70	24.33	0.66
Teggina Monte	Teggina Monte	98.134*	Max WS	UF_Tr30_D6_APP	102.99	364.57	367.17		367.63	0.005320	3.02	0.29	0.47	35.15	24.33	0.71
Teggina Monte	Teggina Monte	98.067	Max WS	UF_Tr30_D1_APP	158.36	364.06	367.73		368.16	0.002762	2.93	0.73	0.76	58.67	23.48	0.54
Teggina Monte	Teggina Monte	98.067	Max WS	UF_Tr30_D3_APP	167.95	364.06	367.94		368.35	0.002467	2.90	0.75	0.78	63.45	23.48	0.52
Teggina Monte	Teggina Monte	98.067	Max WS	UF_Tr30_D6_APP	103.89	364.06	367.10		367.41	0.002748	2.49	0.43	0.49	43.80	23.48	0.52
Teggina Monte	Teggina Monte	98	Max WS	UF_Tr30_D1_APP	119.47	363.62	368.00	365.95	368.15	0.000764	1.77	0.49	0.34	72.72	22.09	0.30
Teggina Monte	Teggina Monte	98	Max WS	UF_Tr30_D3_APP	126.10	363.62	368.22	366.02	368.37	0.000700	1.76	0.50	0.34	77.53	22.09	0.29
Teggina Monte	Teggina Monte	98	Max WS	UF_Tr30_D6_APP	94.78	363.62	367.21	365.67	367.37	0.001099	1.81	0.43	0.34	55.29	22.09	0.34
Teggina Monte	Teggina Monte	97.99			Bridge											
Teggina Monte	Teggina Monte	97.983	Max WS	UF_Tr30_D1_APP	119.47	363.50	365.47	365.71	366.55	0.017479	4.60			25.96	18.15	1.23
Teggina Monte	Teggina Monte	97.983	Max WS	UF_Tr30_D3_APP	126.10	363.50	365.53	365.77	366.64	0.017508	4.68			26.93	18.33	1.23
Teggina Monte	Teggina Monte	97.983	Max WS	UF_Tr30_D6_APP	94.78	363.50	365.21	365.45	366.22	0.019404	4.43			21.39	17.27	1.27
Teggina Monte	Teggina Monte	97.959*	Max WS	UF_Tr30_D1_APP	129.74	363.13	365.14	365.35	366.20	0.016285	4.56	0.44		28.51	20.04	1.20
Teggina Monte	Teggina Monte	97.959*	Max WS	UF_Tr30_D3_APP	136.02	363.13	365.20	365.40	366.28	0.015776	4.60	0.51		29.69	20.24	1.19
Teggina Monte	Teggina Monte	97.959*	Max WS	UF_Tr30_D6_APP	96.61	363.13	364.85	365.04	365.76	0.018010	4.23			22.84	19.00	1.23
Teggina Monte	Teggina Monte	97.935*	Max WS	UF_Tr30_D1_APP	146.69	362.77	364.81	365.07	365.92	0.017455	4.68			31.35	21.95	1.25
Teggina Monte	Teggina Monte	97.935*	Max WS	UF_Tr30_D3_APP	152.86	362.77	364.89	365.12	365.98	0.016217	4.63			33.05	22.24	1.21
Teggina Monte	Teggina Monte	97.935*	Max WS	UF_Tr30_D6_APP	102.47	362.77	364.51	364.68	365.37	0.016829	4.11			24.95	20.84	1.20
Teggina Monte	Teggina Monte	97.911*	Max WS	UF_Tr30_D1_APP	146.64	362.40	364.51	364.62	365.42	0.012802	4.25		1.25	35.26	23.96	1.10
Teggina Monte	Teggina Monte	97.911*	Max WS	UF_Tr30_D3_APP	152.69	362.40	364.61	364.68	365.48	0.011513	4.14		1.26	37.74	24.52	1.05
Teggina Monte	Teggina Monte	97.911*	Max WS	UF_Tr30_D6_APP	102.46	362.40	364.23	364.25	364.90	0.011478	3.63		0.96	28.73	22.92	1.01
Teggina Monte	Teggina Monte	97.887	Max WS	UF_Tr30_D1_APP	146.51	362.03	364.30		364.91	0.007817	3.47	0.30	0.68	43.26	29.76	0.86
Teggina Monte	Teggina Monte	97.887	Max WS	UF_Tr30_D3_APP	152.10	362.03	364.43		364.99	0.006521	3.33	0.38	0.75	47.10	30.22	0.80
Teggina Monte	Teggina Monte	97.887	Max WS	UF_Tr30_D6_APP	102.43	362.03	364.05		364.47	0.006675	2.88		0.27	35.84	28.93	0.78

ALLEGATI

MODELLAZIONE HEC-RAS 6.3.1 "TEGGINA_APP"

TEGGINA II

MODELLAZIONE PER TR=30 e 200 ANNI

DURATA DI PIOGGIA: 1, 3 e 6 h

Profilo longitudinale

Sezioni Trasversali

Dati idraulici

ALLEGATI

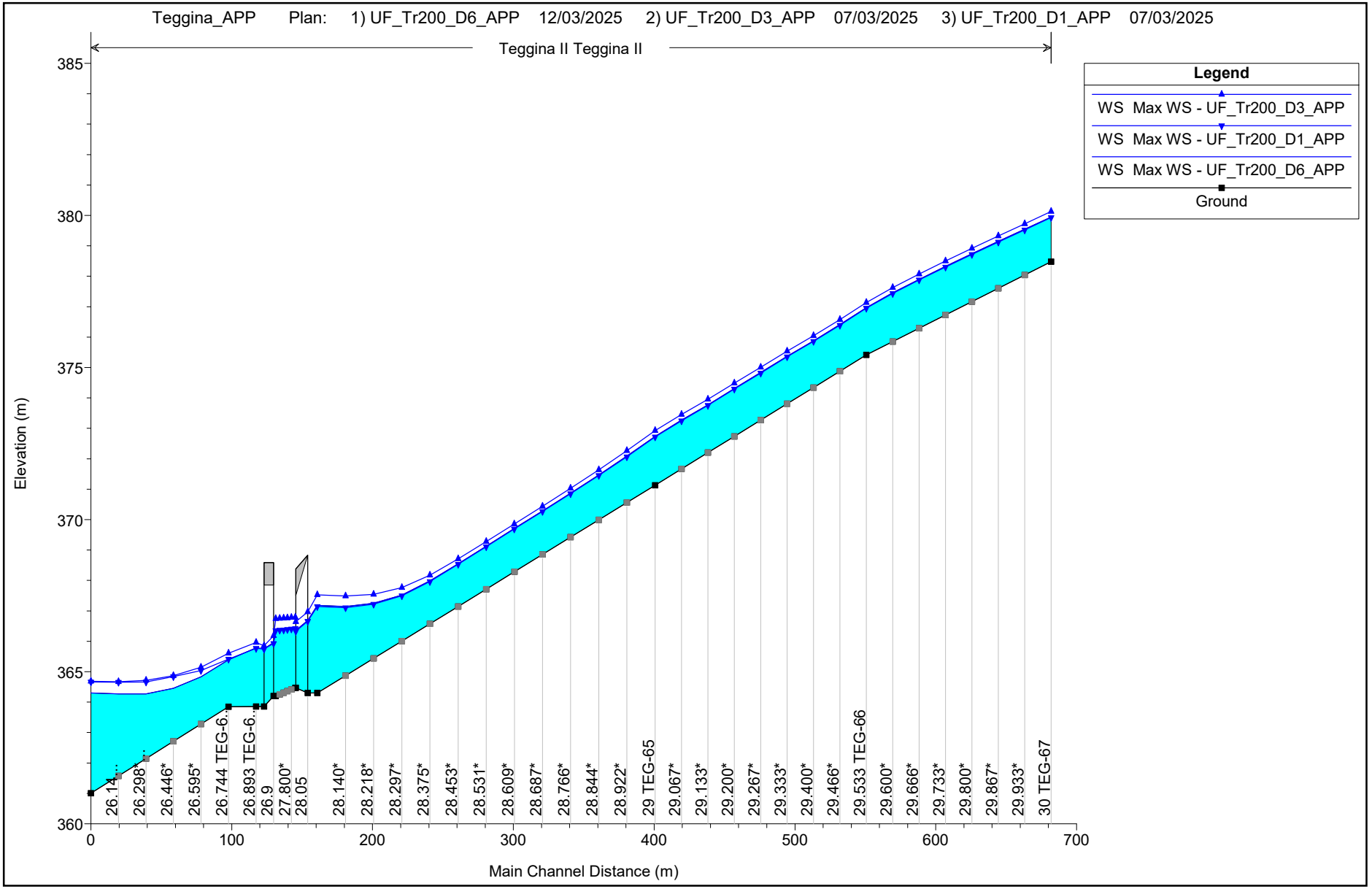
MODELLAZIONE HEC-RAS 6.3.1 "TEGGINA_APP"

TEGGINA II

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 1, 3 e 6 h

Profilo longitudinale


Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
Teggina II Teggina II
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Elevation (m)
Main Channel Distance (m)
385
380
375
370
365
360
0
100
200
300
400
500
600
700
26.298*...
26.446*
26.595*
26.744 TEG-6...
26.893 TEG-6...
26.9
27.800*
28.05
28.140*
28.218*
28.297*
28.375*
28.453*
28.531*
28.609*
28.687*
28.766*
28.844*
28.922*
29 TEG-65
29.067*
29.133*
29.200*
29.267*
29.333*
29.400*
29.466*
29.533 TEG-66
29.600*
29.666*
29.733*
29.800*
29.867*
29.933*
30 TEG-67

ALLEGATI

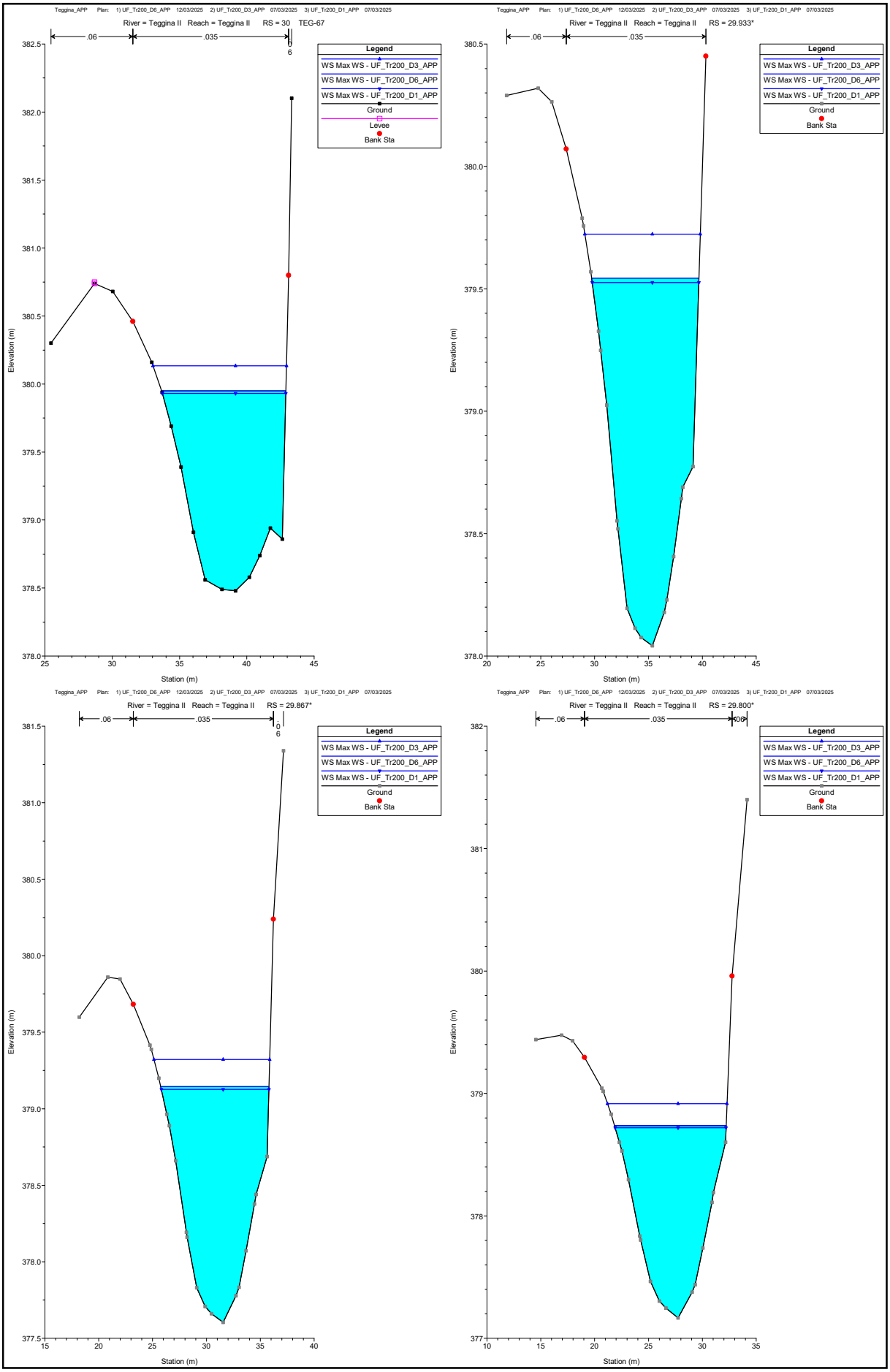
MODELLAZIONE HEC-RAS 6.3.1 "TEGGINA_APP"

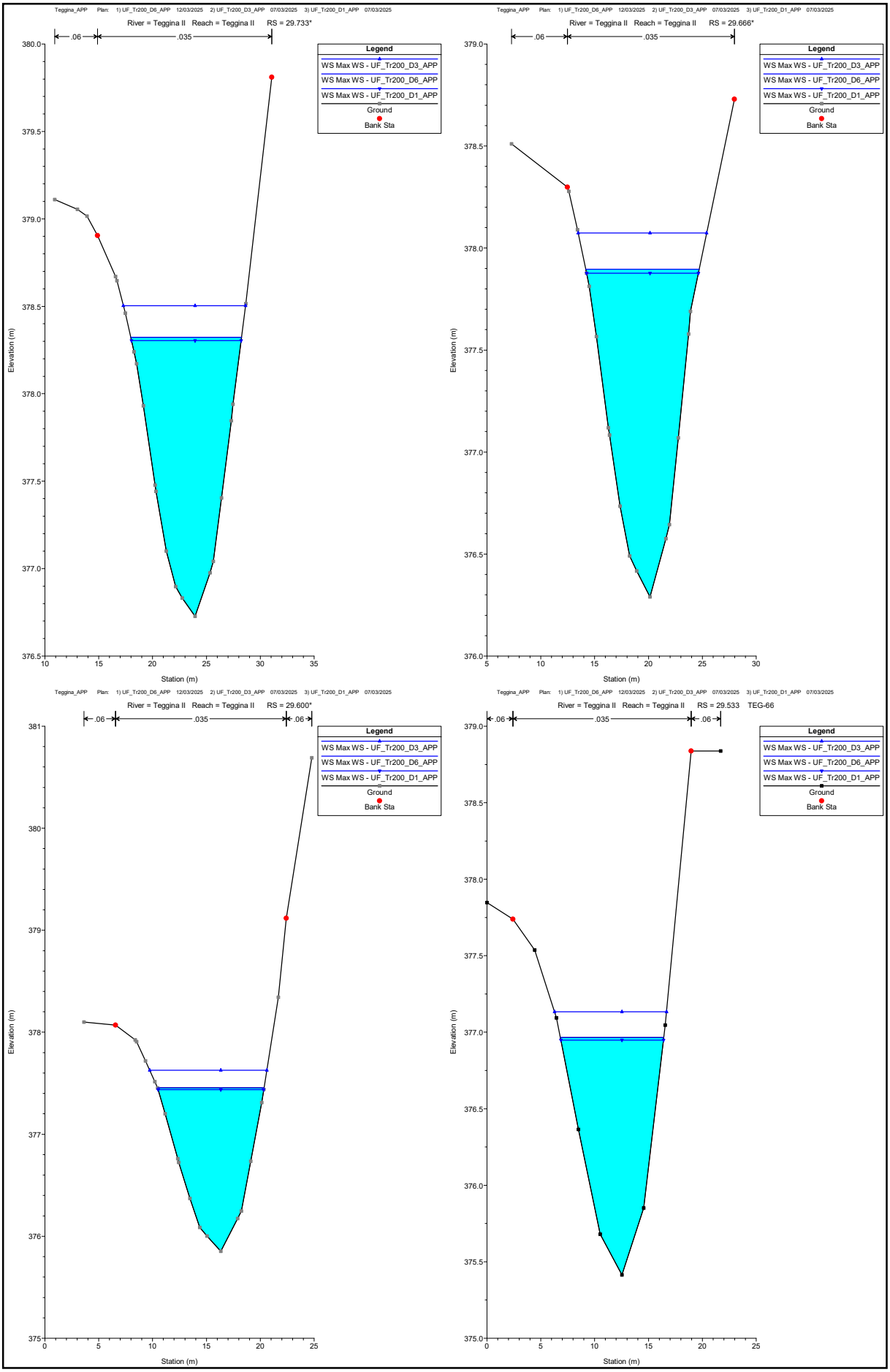
TEGGINA II

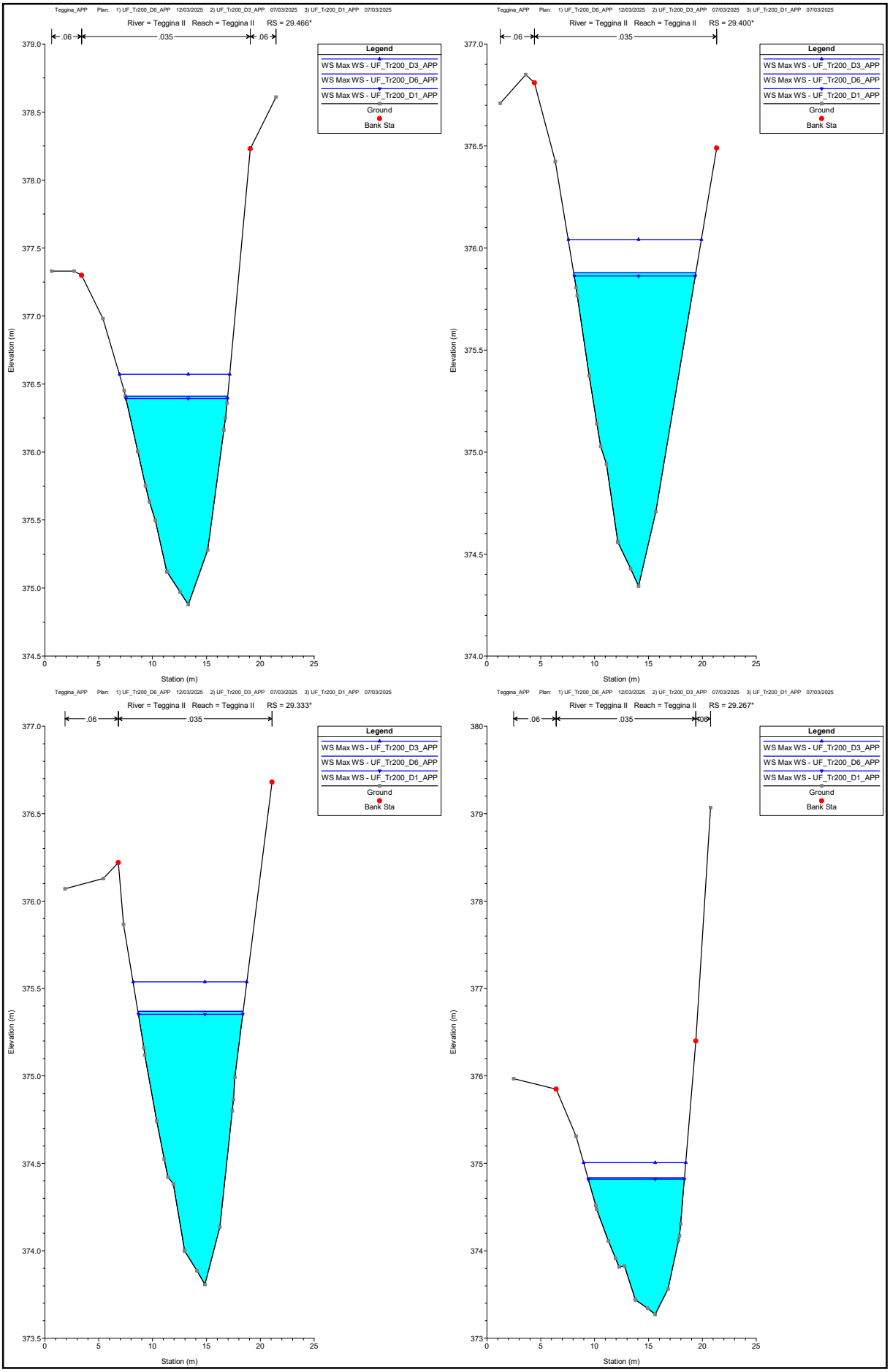
MODELLAZIONE PER TR= 200 anni

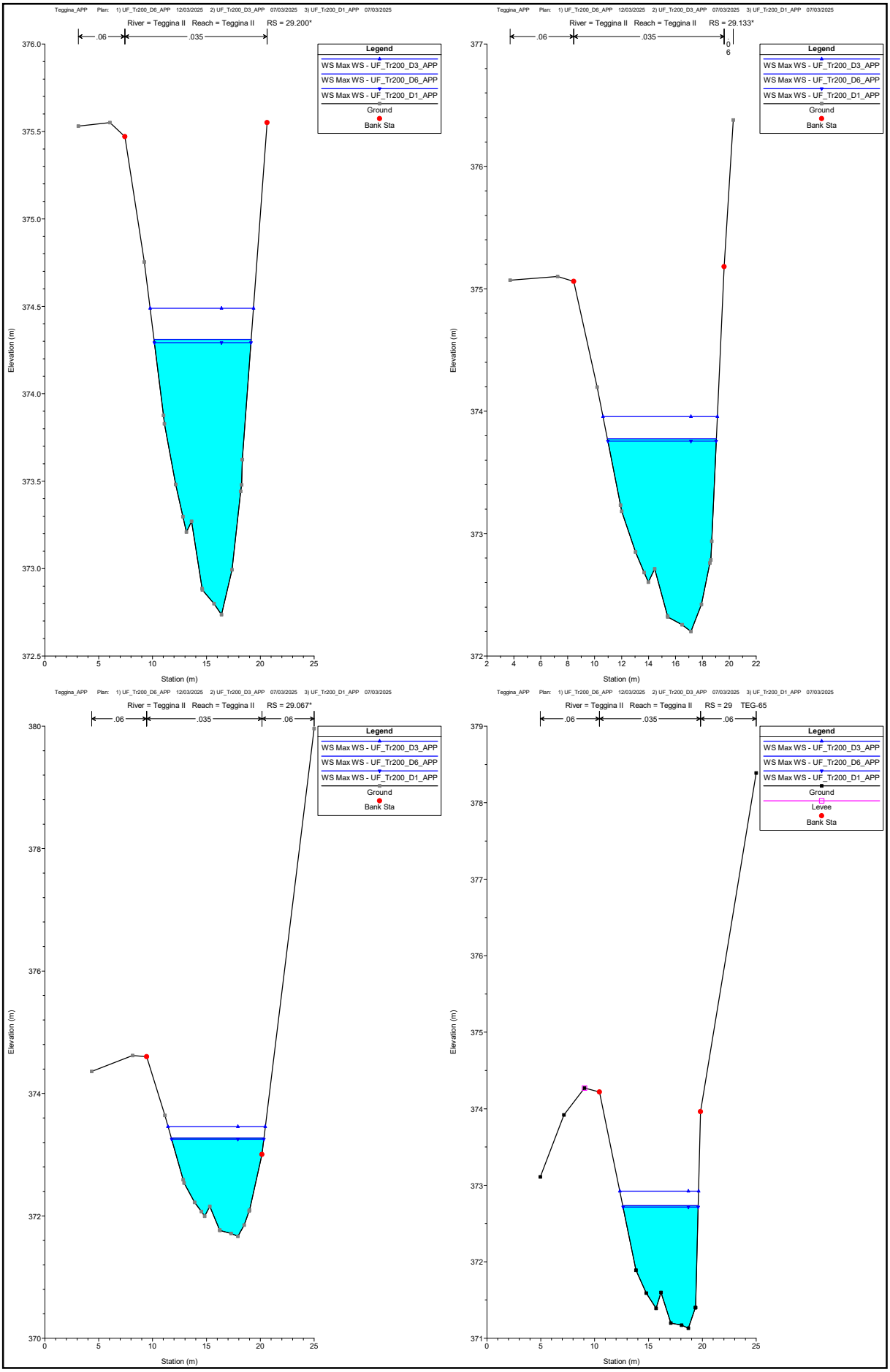
DURATE DI PIOGGIA: 1, 3 e 6 h

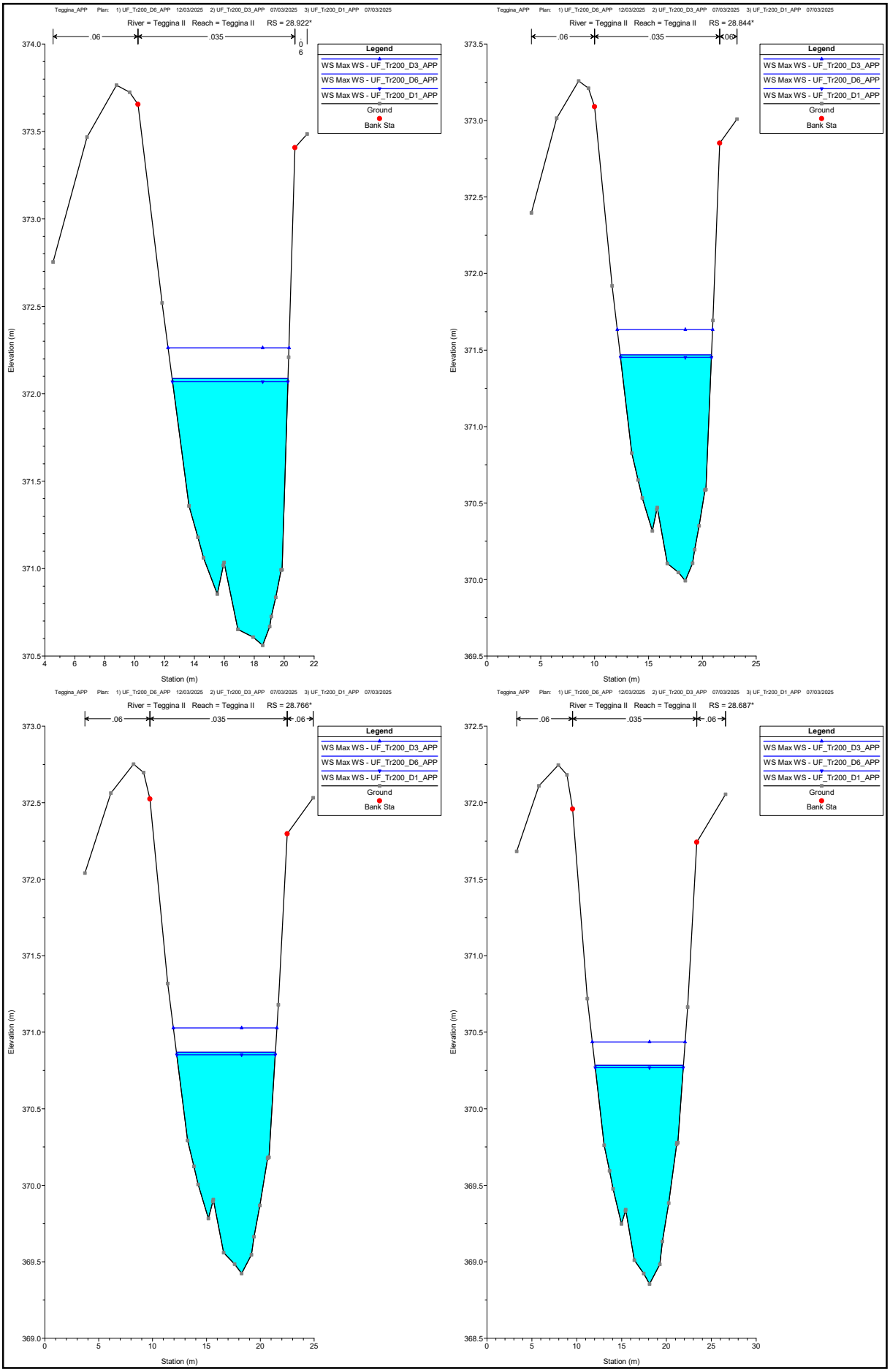
Sezioni Trasversali (da monte verso valle)


Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina II Reach = Teggina II RS = 30 TEG-67
River = Teggina II Reach = Teggina II RS = 29.933*
River = Teggina II Reach = Teggina II RS = 29.867*
River = Teggina II Reach = Teggina II RS = 29.800*
.06
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)


Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina II Reach = Teggina II RS = 29.733*
.06
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina II Reach = Teggina II RS = 29.666*
.06
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina II Reach = Teggina II RS = 29.600*
.06
.035
.06
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina II Reach = Teggina II RS = 29.533 TEG-66
.06
.035
.06
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)


Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina II Reach = Teggina II RS = 29.466*
.06
.035
.06
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina II Reach = Teggina II RS = 29.400*
.06
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina II Reach = Teggina II RS = 29.333*
.06
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina II Reach = Teggina II RS = 29.267*
.06
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)


Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina II Reach = Teggina II RS = 29.200*
.06
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina II Reach = Teggina II RS = 29.133*
.06
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina II Reach = Teggina II RS = 29.067*
.06
.035
.06
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina II Reach = Teggina II RS = 29 TEG-65
.06
.035
.06
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)


Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina II Reach = Teggina II RS = 28.922*
.06
.035
.06
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina II Reach = Teggina II RS = 28.844*
.06
.035
.06
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina II Reach = Teggina II RS = 28.766*
.06
.035
.06
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina II Reach = Teggina II RS = 28.687*
.06
.035
.06
Legend
WS Max WS - UF_Tr200_D3_APP
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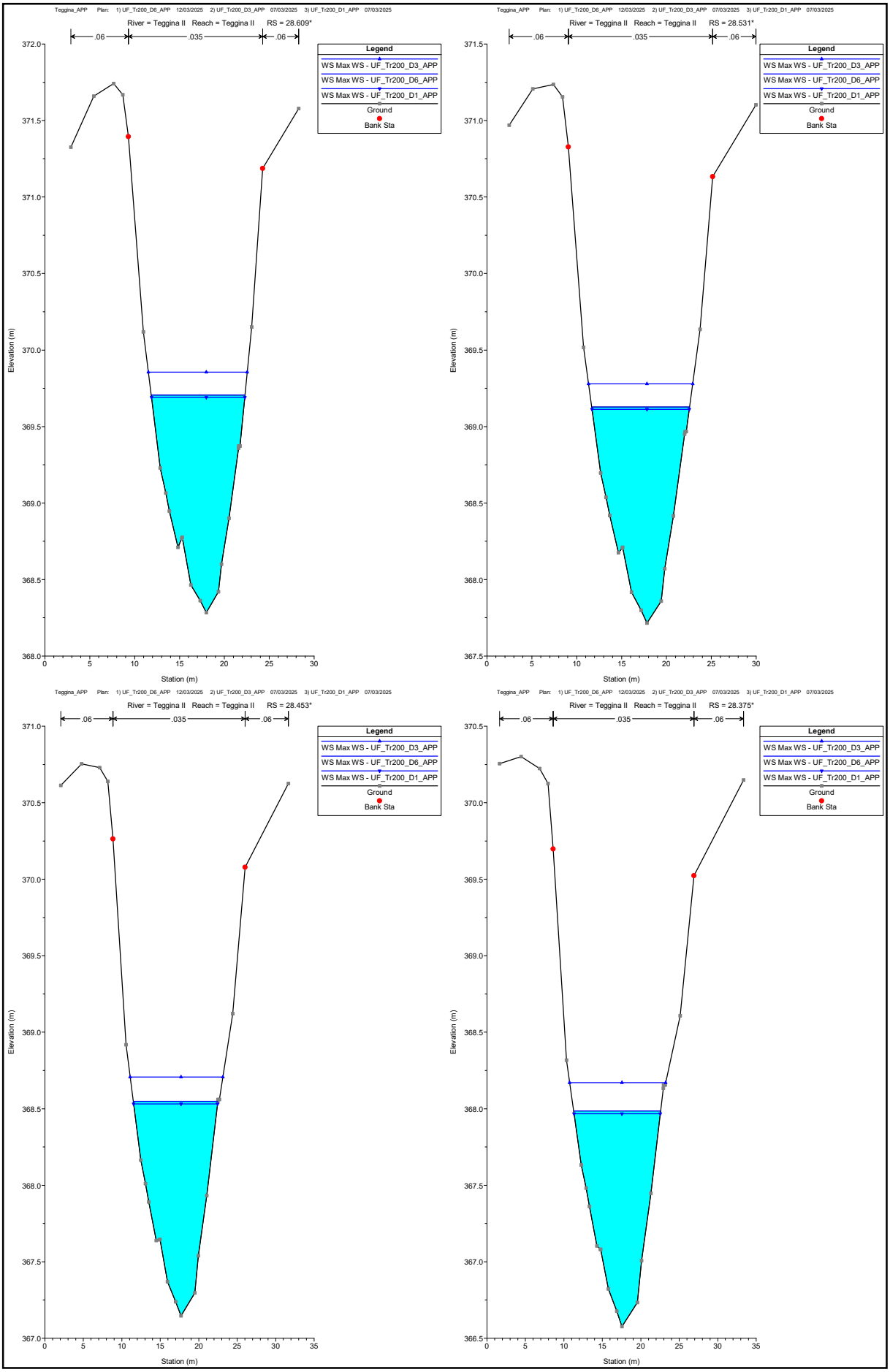
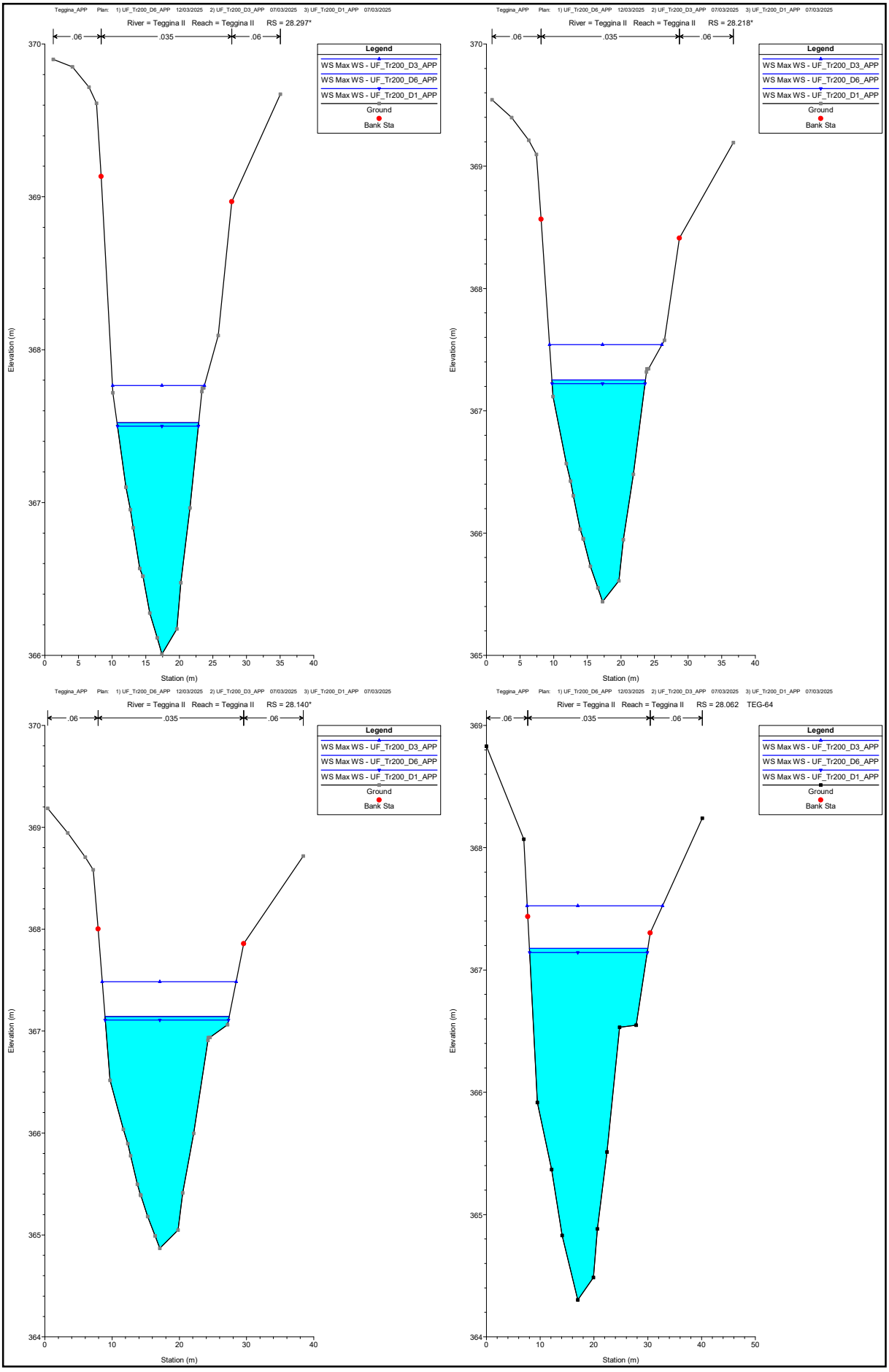
Ground
Bank Sta
Elevation (m)
Station (m)


Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina II Reach = Teggina II RS = 28.609*
.06
.035
.06
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina II Reach = Teggina II RS = 28.531*
.06
.035
.06
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina II Reach = Teggina II RS = 28.453*
.06
.035
.06
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina II Reach = Teggina II RS = 28.375*
.06
.035
.06
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)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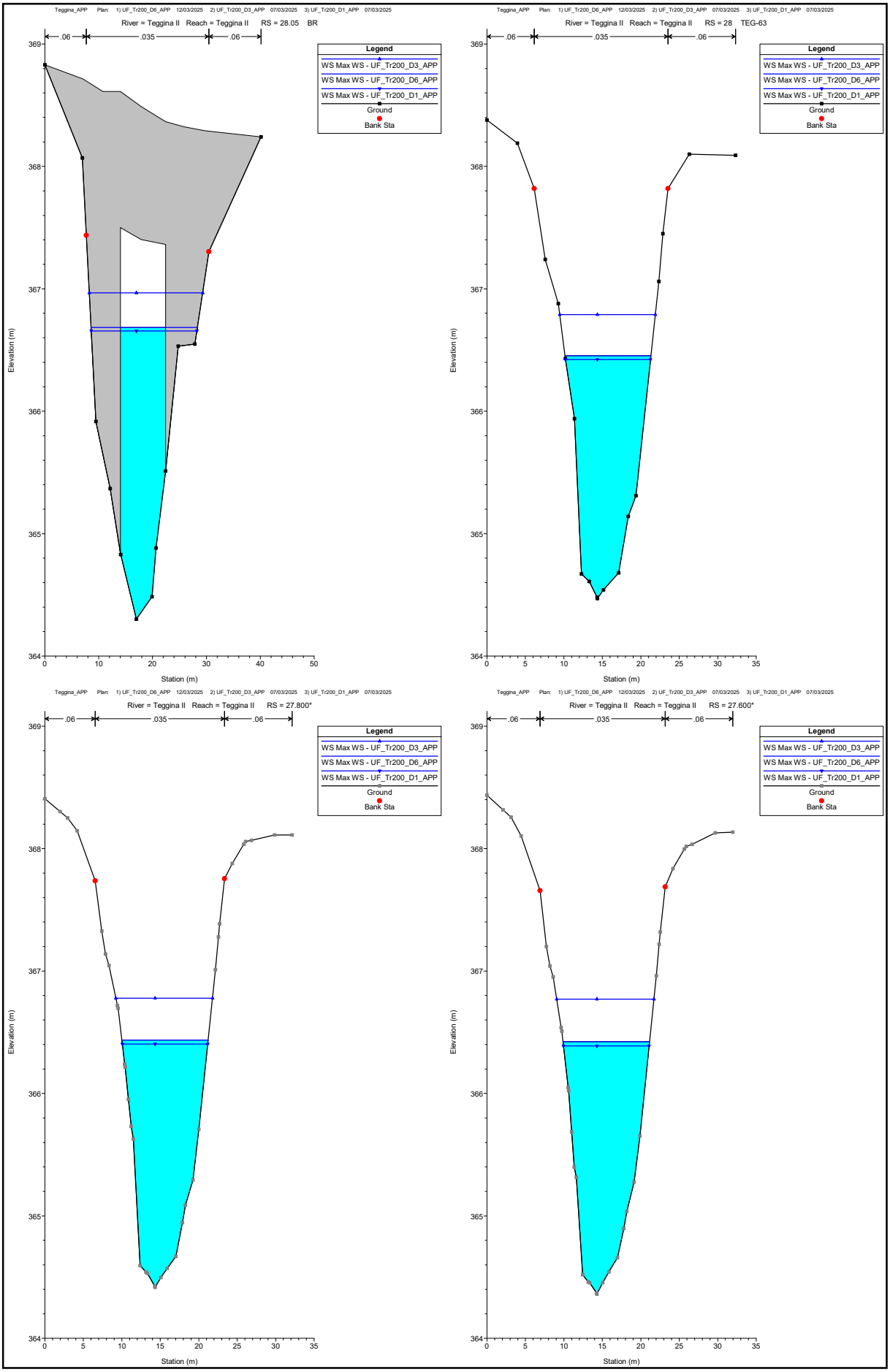
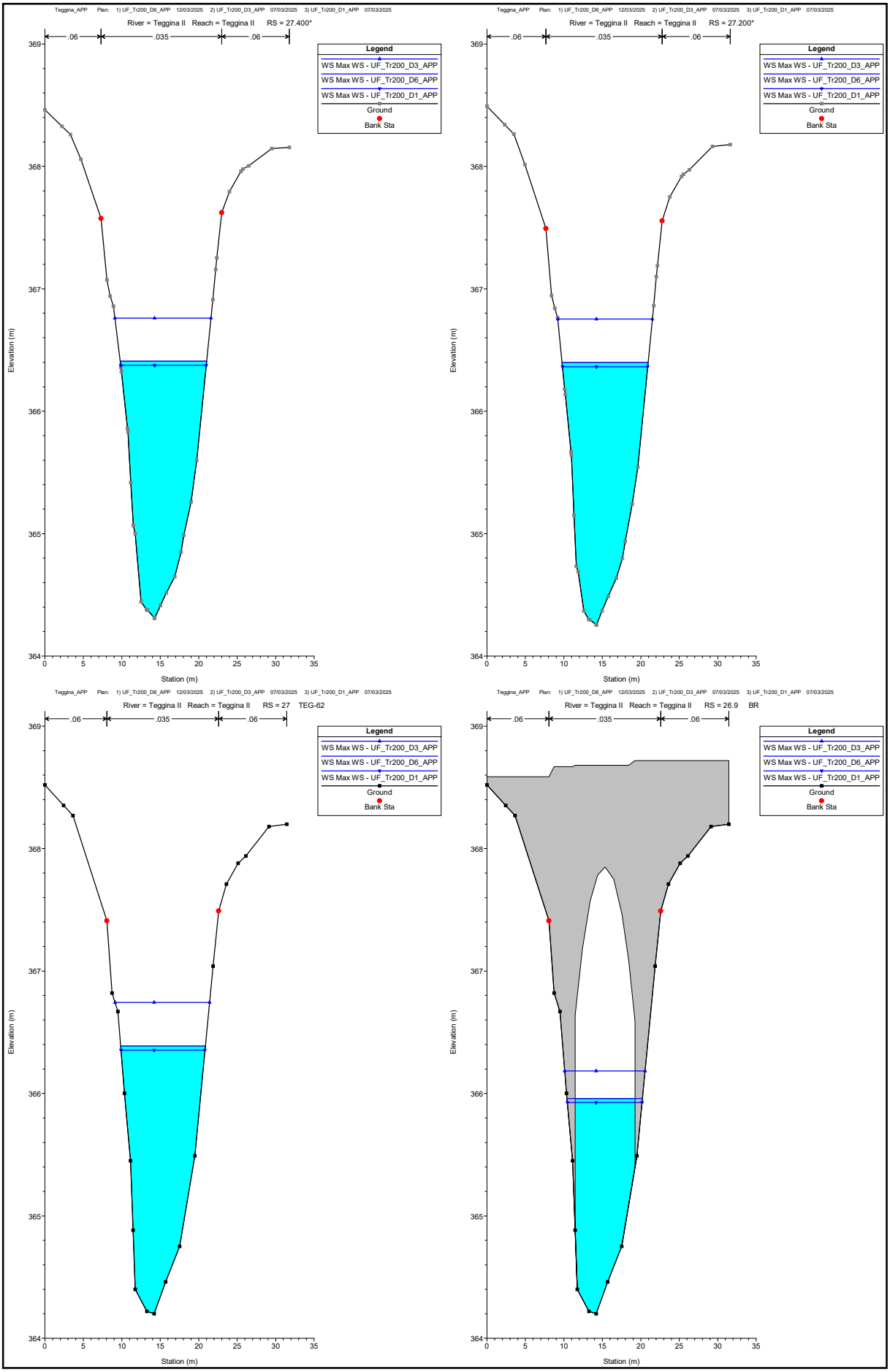
River = Teggina II Reach = Teggina II RS = 28.297*
.06
.035
.06
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina II Reach = Teggina II RS = 28.218*
.06
.035
.06
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina II Reach = Teggina II RS = 28.140*
.06
.035
.06
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina II Reach = Teggina II RS = 28.062 TEG-64
.06
.035
.06
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)


Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina II Reach = Teggina II RS = 28.05 BR
.06
.035
.06
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina II Reach = Teggina II RS = 28 TEG-63
.06
.035
.06
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina II Reach = Teggina II RS = 27.800*
.06
.035
.06
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina II Reach = Teggina II RS = 27.600*
.06
.035
.06
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)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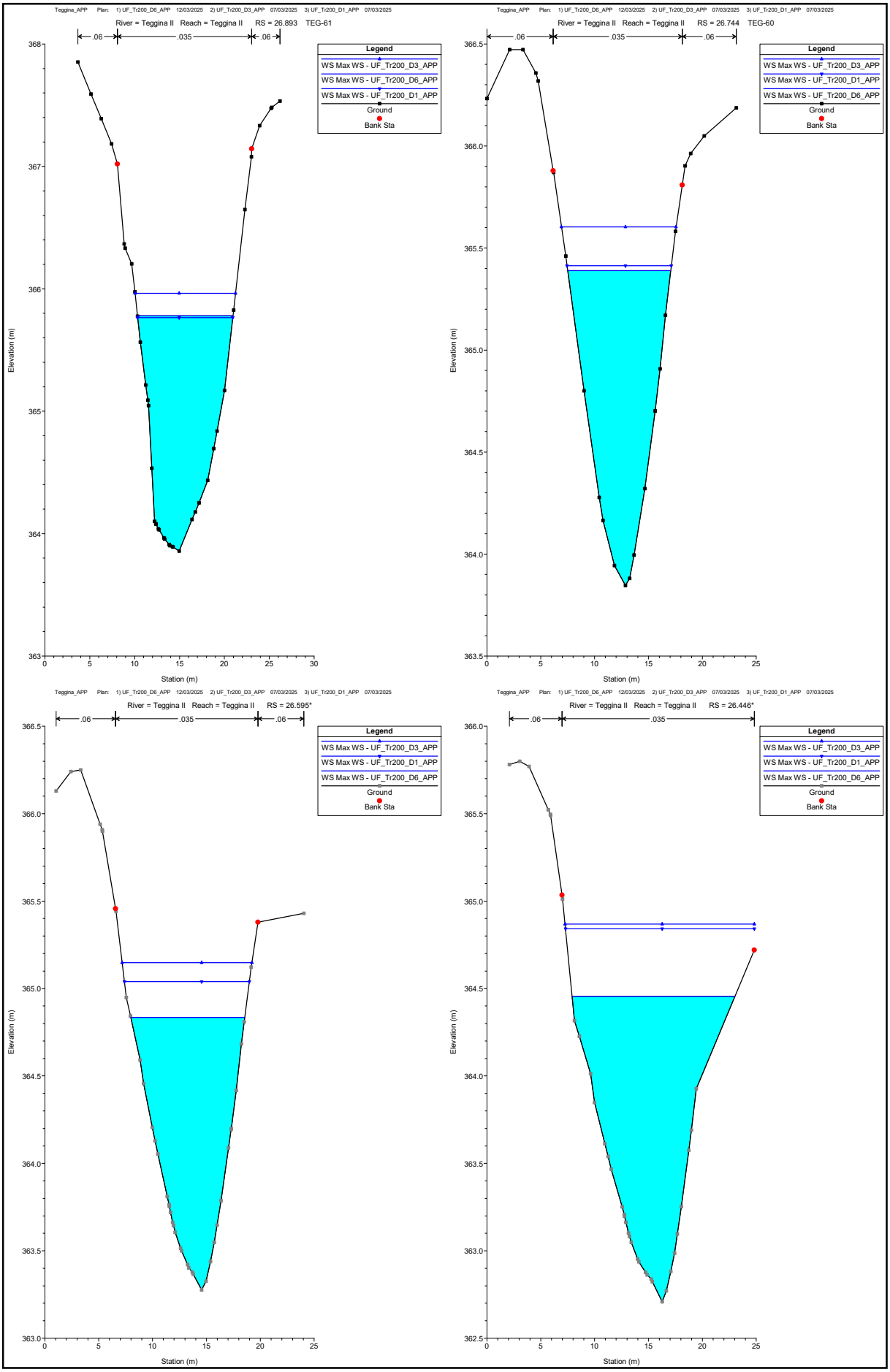
River = Teggina II Reach = Teggina II RS = 27.400*
.06
.035
.06
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina II Reach = Teggina II RS = 27.200*
.06
.035
.06
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina II Reach = Teggina II RS = 27 TEG-62
.06
.035
.06
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina II Reach = Teggina II RS = 26.9 BR
.06
.035
.06
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)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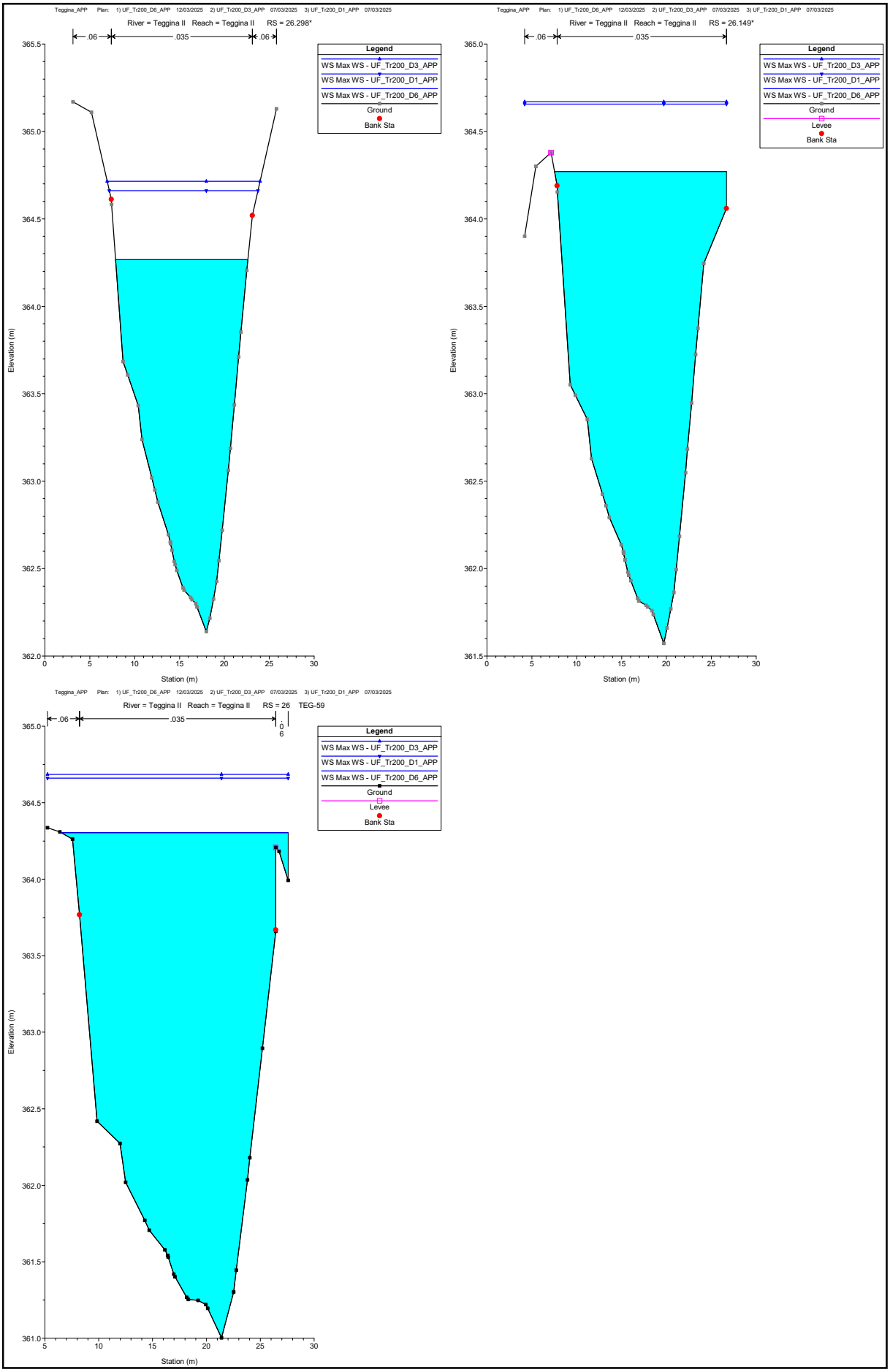
River = Teggina II Reach = Teggina II RS = 26.893 TEG-61
.06
.035
.06
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D6_APP
WS Max WS - UF_Tr200_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina II Reach = Teggina II RS = 26.744 TEG-60
.06
.035
.06
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina II Reach = Teggina II RS = 26.595*
.06
.035
.06
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina II Reach = Teggina II RS = 26.446*
.06
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)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River = Teggina II Reach = Teggina II RS = 26.298*
.06
.035
.06
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina II Reach = Teggina II RS = 26.149*
.06
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr200_D6_APP 12/03/2025 2) UF_Tr200_D3_APP 07/03/2025 3) UF_Tr200_D1_APP 07/03/2025
River = Teggina II Reach = Teggina II RS = 26 TEG-59
.06
.035
Legend
WS Max WS - UF_Tr200_D3_APP
WS Max WS - UF_Tr200_D1_APP
WS Max WS - UF_Tr200_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)

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MODELLAZIONE HEC-RAS 6.3.1 "TEGGINA_APP"

TEGGINA II

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 1, 3 e 6 h

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HEC-RAS River: Teggina II Reach: Teggina II Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Teggina II	30	Max WS	UF_Tr200_D6_APP	40.40	378.48	379.95	380.16	380.81	0.022310	4.11			9.84	9.23	1.27
Teggina II	30	Max WS	UF_Tr200_D3_APP	50.80	378.48	380.13	380.39	381.11	0.022581	4.38			11.61	9.92	1.29
Teggina II	30	Max WS	UF_Tr200_D1_APP	39.40	378.48	379.93	380.14	380.78	0.022231	4.07			9.67	9.17	1.27
Teggina II	29.933*	Max WS	UF_Tr200_D6_APP	40.40	378.04	379.54	379.74	380.36	0.021470	4.01			10.07	9.97	1.27
Teggina II	29.933*	Max WS	UF_Tr200_D3_APP	50.80	378.04	379.72	379.96	380.65	0.021409	4.26			11.93	10.73	1.29
Teggina II	29.933*	Max WS	UF_Tr200_D1_APP	39.40	378.04	379.53	379.72	380.34	0.021468	3.98			9.89	9.90	1.27
Teggina II	29.867*	Max WS	UF_Tr200_D6_APP	40.40	377.60	379.14	379.34	379.97	0.021703	4.02			10.06	10.05	1.28
Teggina II	29.867*	Max WS	UF_Tr200_D3_APP	50.80	377.60	379.32	379.57	380.25	0.021649	4.27			11.91	10.75	1.29
Teggina II	29.867*	Max WS	UF_Tr200_D1_APP	39.40	377.60	379.13	379.32	379.94	0.021675	3.98			9.89	9.99	1.28
Teggina II	29.800*	Max WS	UF_Tr200_D6_APP	40.40	377.17	378.74	378.94	379.56	0.022231	4.02			10.05	10.37	1.30
Teggina II	29.800*	Max WS	UF_Tr200_D3_APP	50.80	377.17	378.92	379.16	379.83	0.021730	4.24			11.98	11.11	1.30
Teggina II	29.800*	Max WS	UF_Tr200_D1_APP	39.40	377.17	378.72	378.92	379.53	0.022260	3.99			9.87	10.31	1.30
Teggina II	29.733*	Max WS	UF_Tr200_D6_APP	40.40	376.73	378.32	378.54	379.16	0.022549	4.05			9.97	10.29	1.31
Teggina II	29.733*	Max WS	UF_Tr200_D3_APP	50.80	376.73	378.50	378.76	379.43	0.022349	4.26			11.93	11.35	1.33
Teggina II	29.733*	Max WS	UF_Tr200_D1_APP	39.40	376.73	378.30	378.52	379.13	0.022551	4.03			9.78	10.18	1.31
Teggina II	29.666*	Max WS	UF_Tr200_D6_APP	40.39	376.29	377.90	378.14	378.74	0.023633	4.07			9.92	10.53	1.34
Teggina II	29.666*	Max WS	UF_Tr200_D3_APP	50.79	376.29	378.07	378.34	379.00	0.023885	4.26			11.91	11.93	1.36
Teggina II	29.666*	Max WS	UF_Tr200_D1_APP	39.40	376.29	377.88	378.11	378.71	0.023603	4.05			9.72	10.39	1.34
Teggina II	29.600*	Max WS	UF_Tr200_D6_APP	40.39	375.85	377.46	377.70	378.34	0.023787	4.17			9.68	9.88	1.35
Teggina II	29.600*	Max WS	UF_Tr200_D3_APP	50.80	375.85	377.63	377.92	378.63	0.024323	4.43			11.46	10.86	1.38
Teggina II	29.600*	Max WS	UF_Tr200_D1_APP	39.40	375.85	377.44	377.68	378.31	0.023797	4.15			9.50	9.80	1.35
Teggina II	29.533	Max WS	UF_Tr200_D6_APP	40.40	375.41	376.97	377.28	377.99	0.028880	4.48			9.03	9.61	1.47
Teggina II	29.533	Max WS	UF_Tr200_D3_APP	50.79	375.41	377.13	377.49	378.28	0.028916	4.75			10.69	10.39	1.50
Teggina II	29.533	Max WS	UF_Tr200_D1_APP	39.40	375.41	376.95	377.26	377.96	0.028854	4.44			8.87	9.54	1.47
Teggina II	29.466*	Max WS	UF_Tr200_D6_APP	40.39	374.88	376.41	376.75	377.48	0.030961	4.59			8.80	9.50	1.52
Teggina II	29.466*	Max WS	UF_Tr200_D3_APP	50.80	374.88	376.57	376.96	377.79	0.031218	4.89			10.39	10.24	1.55
Teggina II	29.466*	Max WS	UF_Tr200_D1_APP	39.40	374.88	376.39	376.73	377.45	0.030896	4.55			8.65	9.43	1.52
Teggina II	29.400*	Max WS	UF_Tr200_D6_APP	40.39	374.34	375.88	376.13	376.74	0.026124	4.10			9.86	11.35	1.40
Teggina II	29.400*	Max WS	UF_Tr200_D3_APP	50.80	374.34	376.04	376.32	376.99	0.025641	4.31			11.78	12.37	1.41
Teggina II	29.400*	Max WS	UF_Tr200_D1_APP	39.40	374.34	375.86	376.11	376.71	0.026205	4.08			9.67	11.24	1.40
Teggina II	29.39			Lat Struct											
Teggina II	29.333*	Max WS	UF_Tr200_D6_APP	40.39	373.81	375.37	375.67	376.38	0.028849	4.44			9.09	9.76	1.47
Teggina II	29.333*	Max WS	UF_Tr200_D3_APP	50.79	373.81	375.54	375.88	376.66	0.028529	4.70			10.81	10.56	1.48
Teggina II	29.333*	Max WS	UF_Tr200_D1_APP	39.40	373.81	375.35	375.65	376.35	0.028859	4.41			8.93	9.68	1.47
Teggina II	29.267*	Max WS	UF_Tr200_D6_APP	40.40	373.27	374.84	375.14	375.88	0.028476	4.53			8.91	8.97	1.45
Teggina II	29.267*	Max WS	UF_Tr200_D3_APP	50.79	373.27	375.01	375.36	376.20	0.028298	4.83			10.51	9.49	1.47
Teggina II	29.267*	Max WS	UF_Tr200_D1_APP	39.40	373.27	374.82	375.12	375.85	0.028470	4.50			8.75	8.92	1.45
Teggina II	29.200*	Max WS	UF_Tr200_D6_APP	40.39	372.74	374.31	374.60	375.34	0.027782	4.49			8.99	9.03	1.44
Teggina II	29.200*	Max WS	UF_Tr200_D3_APP	50.79	372.74	374.49	374.82	375.65	0.027303	4.77			10.65	9.60	1.45
Teggina II	29.200*	Max WS	UF_Tr200_D1_APP	39.40	372.74	374.29	374.58	375.31	0.027869	4.47			8.82	8.97	1.44
Teggina II	29.133*	Max WS	UF_Tr200_D6_APP	40.39	372.20	373.77	374.10	374.90	0.029658	4.70			8.59	8.09	1.46
Teggina II	29.133*	Max WS	UF_Tr200_D3_APP	50.79	372.20	373.96	374.34	375.24	0.029636	5.03			10.10	8.50	1.47
Teggina II	29.133*	Max WS	UF_Tr200_D1_APP	39.40	372.20	373.76	374.07	374.87	0.029695	4.67			8.44	8.05	1.46
Teggina II	29.067*	Max WS	UF_Tr200_D6_APP	40.39	371.66	373.27	373.53	374.26	0.024059	4.41		0.47	9.18	8.60	1.35
Teggina II	29.067*	Max WS	UF_Tr200_D3_APP	50.79	371.66	373.46	373.75	374.59	0.023280	4.71		0.65	10.84	9.04	1.35
Teggina II	29.067*	Max WS	UF_Tr200_D1_APP	39.40	371.66	373.25	373.51	374.23	0.024161	4.38		0.44	9.01	8.56	1.35
Teggina II	29	Max WS	UF_Tr200_D6_APP	40.39	371.13	372.73	373.11	374.00	0.033334	4.99			8.09	7.01	1.48
Teggina II	29	Max WS	UF_Tr200_D3_APP	50.79	371.13	372.92	373.37	374.40	0.034090	5.38			9.44	7.32	1.51
Teggina II	29	Max WS	UF_Tr200_D1_APP	39.40	371.13	372.72	373.09	373.96	0.033234	4.95			7.96	6.98	1.48
Teggina II	28.922*	Max WS	UF_Tr200_D6_APP	40.39	370.56	372.09	372.44	373.28	0.031675	4.84			8.35	7.75	1.49
Teggina II	28.922*	Max WS	UF_Tr200_D3_APP	50.79	370.56	372.26	372.68	373.65	0.032233	5.22			9.74	8.09	1.52
Teggina II	28.922*	Max WS	UF_Tr200_D1_APP	39.40	370.56	372.07	372.41	373.24	0.031625	4.80			8.21	7.72	1.49
Teggina II	28.844*	Max WS	UF_Tr200_D6_APP	40.39	369.99	371.47	371.80	372.59	0.030528	4.70			8.60	8.48	1.49
Teggina II	28.844*	Max WS	UF_Tr200_D3_APP	50.79	369.99	371.63	372.02	372.94	0.030934	5.06			10.04	8.86	1.52
Teggina II	28.844*	Max WS	UF_Tr200_D1_APP	39.40	369.99	371.45	371.78	372.56	0.030501	4.66			8.46	8.44	1.49
Teggina II	28.766*	Max WS	UF_Tr200_D6_APP	40.39	369.42	370.87	371.18	371.93	0.029771	4.56			8.85	9.19	1.48
Teggina II	28.766*	Max WS	UF_Tr200_D3_APP	50.79	369.42	371.03	371.39	372.26	0.030056	4.91			10.34	9.61	1.51
Teggina II	28.766*	Max WS	UF_Tr200_D1_APP	39.40	369.42	370.85	371.16	371.90	0.029741	4.53			8.70	9.15	1.48
Teggina II	28.687*	Max WS	UF_Tr200_D6_APP	40.39	368.85	370.28	370.57	371.29	0.029164	4.44			9.10	9.86	1.48
Teggina II	28.687*	Max WS	UF_Tr200_D3_APP	50.79	368.85	370.44	370.78	371.60	0.029379	4.77			10.64	10.34	1.50
Teggina II	28.687*	Max WS	UF_Tr200_D1_APP	39.40	368.85	370.27	370.55	371.26	0.029146	4.41			8.94	9.81	1.47
Teggina II	28.609*	Max WS	UF_Tr200_D6_APP	40.39	368.29	369.71	369.98	370.67	0.028914	4.35			9.30	10.46	1.47
Teggina II	28.609*	Max WS	UF_Tr200_D3_APP	50.79	368.29	369.86	370.18	370.96	0.029049	4.66			10.89	11.02	1.50
Teggina II	28.609*	Max WS	UF_Tr200_D1_APP	39.40	368.29	369.69	369.96	370.64	0.028937	4.31			9.13	10.40	1.47
Teggina II	28.531*	Max WS	UF_Tr200_D6_APP	40.39	367.72	369.13	369.40	370.07	0.029270	4.30			9.40	10.92	1.48
Teggina II	28.531*	Max WS	UF_Tr200_D3_APP	50.79	367.72	369.28	369.59	370.35	0.028887	4.57			11.11	11.61	1.49
Teggina II	28.531*	Max WS	UF_Tr200_D1_APP	39.40	367.72	369.11	369.39	370.04	0.029262	4.27			9.23	10.85	1.48
Teggina II	28.453*	Max WS	UF_Tr200_D6_APP	40.39	367.15	368.55	368.83	369.48	0.028987	4.28			9.44	11.00	1.47
Teggina II	28.453*	Max WS	UF_Tr200_D3_APP	50.79	367.15	368.71	369.01	369.74	0.028594	4.50			11.29	12.06	1.48
Teggina II	28.453*	Max WS	UF_Tr200_D1_APP	39.40	367.15	368.53	368.81	369.45	0.029026	4.25			9.27	10.92	1.47
Teggina II	28.375*	Max WS	UF_Tr200_D6_APP	40.39	366.58	367.99	368.25	368.87	0.027456	4.17			9.69	11.30	1.44
Teggina II	28.375*	Max WS	UF_Tr200_D3_APP	50.79	366.58	368.17	368.44	369.10	0.025243	4.28			11.88	12.48	1.40
Teggina II	28.375*	Max WS	UF_Tr200_D1_APP	39.40	366.58	367.97	368.23	368.85	0.027659	4.15			9.50	11.21	1.44
Teggina II	28.297*	Max WS	UF_Tr200_D6_APP	40.39	366.01	367.52	367.66	368.19	0.019109	3.63			11.12	12.16	1.21
Teggina II	28.297*	Max WS	UF_Tr200_D3_APP	50.79	366.01	367.76	367.86	368.41	0.015603	3.57			14.23	13.67	1.12
Teggina II	28.297*	Max WS	UF_Tr200_D1_APP	39.40	366.01	367.50	367.64	368.17	0.019552	3.64			10.84	12.03	1.22
Teggina II	28.218*	Max WS	UF_Tr200_D6_APP	40.39	365.44	367.25		367.61	0.007957	2.64			15.30	13.92	0.80
Teggina II	28.218*	Max WS	UF_Tr200_D3_APP	50.79	365.44	367.54		367.88	0.006969	2.58			19.66	16.72	0.76
Teggina II	28.218*	Max WS	UF_Tr200_D1_APP	39.40	365.44	367.22		367.58	0.008236	2.65			14.86	13.81	0.82
Teggina II	28.140*	Max WS	UF_Tr200_D6_APP	40.39	364.87	367.14		367.30	0.003044	1.77			22.87	18.46	0.51
Teggina II	28.140*	Max WS	UF_Tr200_D3_APP	50.78	364.87	367.48		367.64	0.002310	1.72			29.44	19.92	0.45
Teggina II	28.140*	Max WS	UF_Tr200_D1_APP	39.40	364.87	367.11		367.27	0.003145	1.77			22.23	18.32	0.51

HEC-RAS River: Teggina II Reach: Teggina II Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Teggina II	28.062	Max WS	UF_Tr200_D6_APP	40.39	364.30	367.18	365.93	367.24	0.000899	1.14			35.50	22.05	0.29
Teggina II	28.062	Max WS	UF_Tr200_D3_APP	50.78	364.30	367.52	366.09	367.59	0.000767	1.17	0.05	0.11	43.59	25.17	0.27
Teggina II	28.062	Max WS	UF_Tr200_D1_APP	39.40	364.30	367.14	365.91	367.21	0.000912	1.13			34.71	21.88	0.29
Teggina II	28.05			Bridge											
Teggina II	28	Max WS	UF_Tr200_D6_APP	40.39	364.47	366.45		366.84	0.007385	2.75			14.66	11.16	0.77
Teggina II	28	Max WS	UF_Tr200_D3_APP	50.79	364.47	366.79		367.17	0.006097	2.73			18.62	12.42	0.71
Teggina II	28	Max WS	UF_Tr200_D1_APP	39.40	364.47	366.42		366.81	0.007513	2.75			14.31	11.04	0.77
Teggina II	27.800*	Max WS	UF_Tr200_D6_APP	40.39	364.42	366.44		366.81	0.006897	2.70			14.96	11.22	0.75
Teggina II	27.800*	Max WS	UF_Tr200_D3_APP	50.78	364.42	366.78		367.14	0.005730	2.67			19.01	12.57	0.69
Teggina II	27.800*	Max WS	UF_Tr200_D1_APP	39.40	364.42	366.40		366.78	0.007022	2.70			14.60	11.10	0.75
Teggina II	27.600*	Max WS	UF_Tr200_D6_APP	40.39	364.36	366.42		366.78	0.006438	2.64			15.27	11.24	0.72
Teggina II	27.600*	Max WS	UF_Tr200_D3_APP	50.78	364.36	366.77		367.12	0.005359	2.62			19.41	12.63	0.67
Teggina II	27.600*	Max WS	UF_Tr200_D1_APP	39.40	364.36	366.39		366.75	0.006556	2.64			14.90	11.13	0.73
Teggina II	27.400*	Max WS	UF_Tr200_D6_APP	40.39	364.31	366.41		366.75	0.006038	2.59			15.59	11.26	0.70
Teggina II	27.400*	Max WS	UF_Tr200_D3_APP	50.78	364.31	366.76		367.10	0.005006	2.57			19.77	12.51	0.65
Teggina II	27.400*	Max WS	UF_Tr200_D1_APP	39.40	364.31	366.38		366.72	0.006144	2.59			15.21	11.14	0.71
Teggina II	27.200*	Max WS	UF_Tr200_D6_APP	40.39	364.25	366.40		366.73	0.005675	2.54			15.88	11.18	0.68
Teggina II	27.200*	Max WS	UF_Tr200_D3_APP	50.78	364.25	366.75		367.08	0.004727	2.53			20.05	12.29	0.63
Teggina II	27.200*	Max WS	UF_Tr200_D1_APP	39.40	364.25	366.36		366.69	0.005778	2.54			15.50	11.07	0.69
Teggina II	27	Max WS	UF_Tr200_D6_APP	40.39	364.20	366.39	365.97	366.71	0.005400	2.50			16.13	11.01	0.66
Teggina II	27	Max WS	UF_Tr200_D3_APP	50.78	364.20	366.74	366.19	367.07	0.004657	2.51			20.24	12.29	0.62
Teggina II	27	Max WS	UF_Tr200_D1_APP	39.40	364.20	366.35	365.94	366.67	0.005490	2.50			15.75	10.91	0.67
Teggina II	26.9			Bridge											
Teggina II	26.893	Max WS	UF_Tr200_D6_APP	40.39	363.86	365.78		366.23	0.008788	2.96			13.64	10.66	0.84
Teggina II	26.893	Max WS	UF_Tr200_D3_APP	50.77	363.86	365.96		366.50	0.009455	3.25			15.64	11.19	0.88
Teggina II	26.893	Max WS	UF_Tr200_D1_APP	39.38	363.86	365.76		366.20	0.008640	2.92			13.47	10.61	0.83
Teggina II	26.744	Max WS	UF_Tr200_D6_APP	40.39	363.85	365.39	365.73	366.47	0.031477	4.61			8.76	9.56	1.54
Teggina II	26.744	Max WS	UF_Tr200_D3_APP	50.69	363.85	365.60	365.93	366.70	0.027466	4.64			10.93	10.64	1.46
Teggina II	26.744	Max WS	UF_Tr200_D1_APP	36.80	363.85	365.41	365.65	366.27	0.024356	4.09			9.00	9.68	1.36
Teggina II	26.743			Lat Struct											
Teggina II	26.595*	Max WS	UF_Tr200_D6_APP	40.38	363.28	364.83	365.08	365.72	0.025479	4.17			9.69	10.58	1.39
Teggina II	26.595*	Max WS	UF_Tr200_D3_APP	54.04	363.28	365.15	365.33	366.00	0.019244	4.08			13.26	12.06	1.24
Teggina II	26.595*	Max WS	UF_Tr200_D1_APP	40.32	363.28	365.04	365.08	365.62	0.014240	3.37			11.98	11.61	1.06
Teggina II	26.446*	Max WS	UF_Tr200_D6_APP	40.81	362.71	364.45	364.47	364.92	0.013562	3.02			13.51	15.12	1.02
Teggina II	26.446*	Max WS	UF_Tr200_D3_APP	61.01	362.71	364.87		365.32	0.009504	2.99			20.42	17.58	0.89
Teggina II	26.446*	Max WS	UF_Tr200_D1_APP	45.37	362.71	364.84		365.11	0.005659	2.28			19.93	17.54	0.68
Teggina II	26.298*	Max WS	UF_Tr200_D6_APP	48.12	362.14	364.27		364.59	0.005761	2.50			19.26	14.73	0.70
Teggina II	26.298*	Max WS	UF_Tr200_D3_APP	79.50	362.14	364.72		365.19	0.006225	3.04	0.18	0.28	26.27	17.04	0.75
Teggina II	26.298*	Max WS	UF_Tr200_D1_APP	72.55	362.14	364.66		365.08	0.005795	2.87	0.10	0.21	25.35	16.56	0.72
Teggina II	26.149*	Max WS	UF_Tr200_D6_APP	48.11	361.57	364.27		364.40	0.001686	1.56	0.08		30.90	19.18	0.39
Teggina II	26.149*	Max WS	UF_Tr200_D3_APP	74.26	361.57	364.67		364.86	0.001966	1.92	0.36		39.93	22.51	0.43
Teggina II	26.149*	Max WS	UF_Tr200_D1_APP	67.78	361.57	364.66		364.81	0.001673	1.76	0.33		39.63	22.51	0.40
Teggina II	26	Max WS	UF_Tr200_D6_APP	48.12	361.00	364.30		364.37	0.000528	1.11	0.09	0.09	43.58	21.06	0.23
Teggina II	26	Max WS	UF_Tr200_D3_APP	79.23	361.00	364.69		364.81	0.000862	1.57	0.26	0.21	52.08	22.35	0.30
Teggina II	26	Max WS	UF_Tr200_D1_APP	71.92	361.00	364.66		364.77	0.000733	1.44	0.23	0.19	51.53	22.35	0.28

ALLEGATI

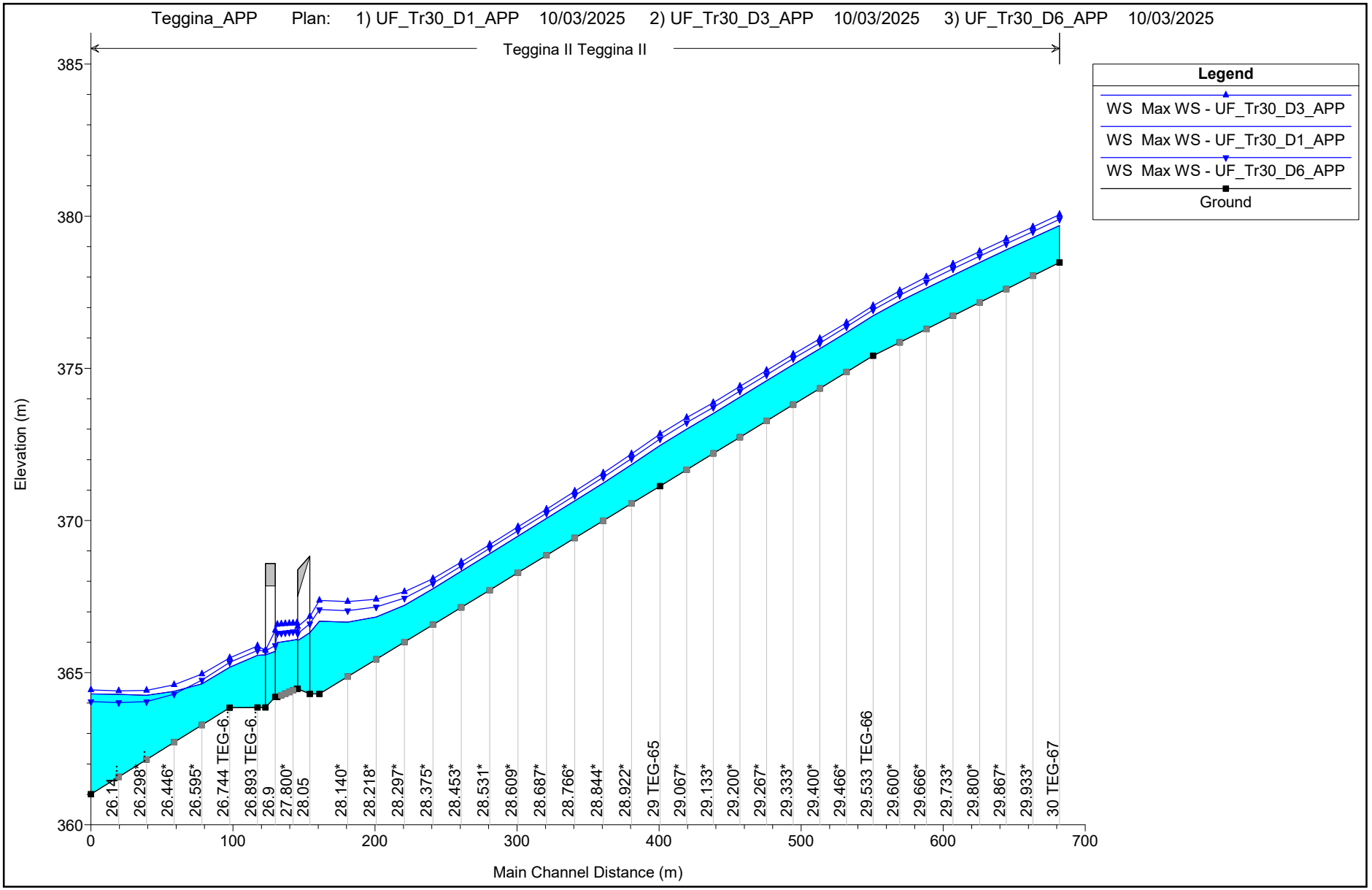
MODELLAZIONE HEC-RAS 6.3.1 "TEGGINA_APP"

TEGGINA II

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 1, 3 e 6 h

Profilo longitudinale


Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
Teggina II Teggina II
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Elevation (m)
Main Channel Distance (m)
385
380
375
370
365
360
0
100
200
300
400
500
600
700
26.298*
26.446*
26.595*
26.744 TEG-6...
26.893 TEG-6...
26.9
27.800*
28.05
28.140*
28.218*
28.297*
28.375*
28.453*
28.531*
28.609*
28.687*
28.766*
28.844*
28.922*
29 TEG-65
29.067*
29.133*
29.200*
29.267*
29.333*
29.400*
29.466*
29.533 TEG-66
29.600*
29.666*
29.733*
29.800*
29.867*
29.933*
30 TEG-67

ALLEGATI

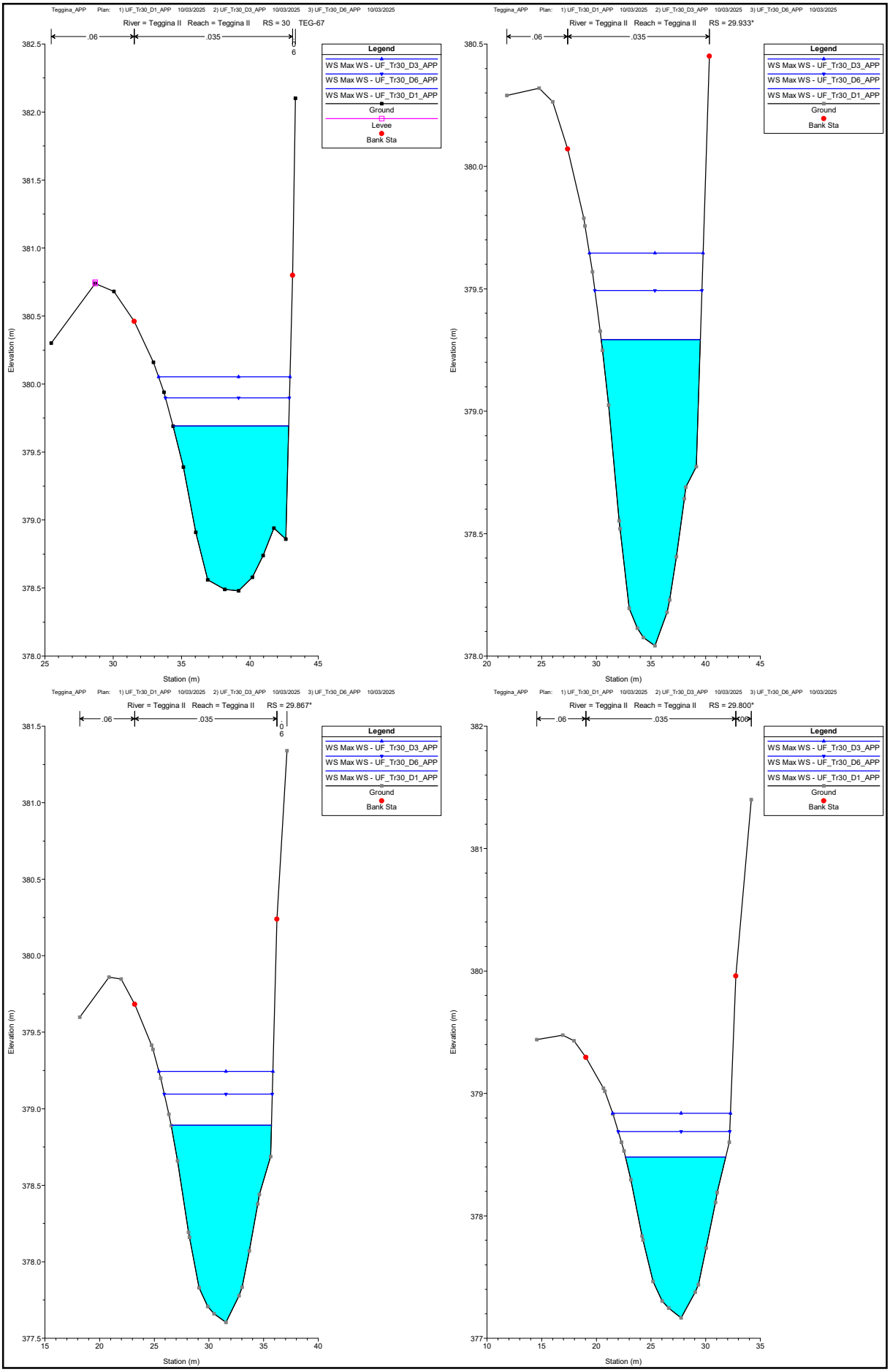
MODELLAZIONE HEC-RAS 6.3.1 "TEGGINA_APP"

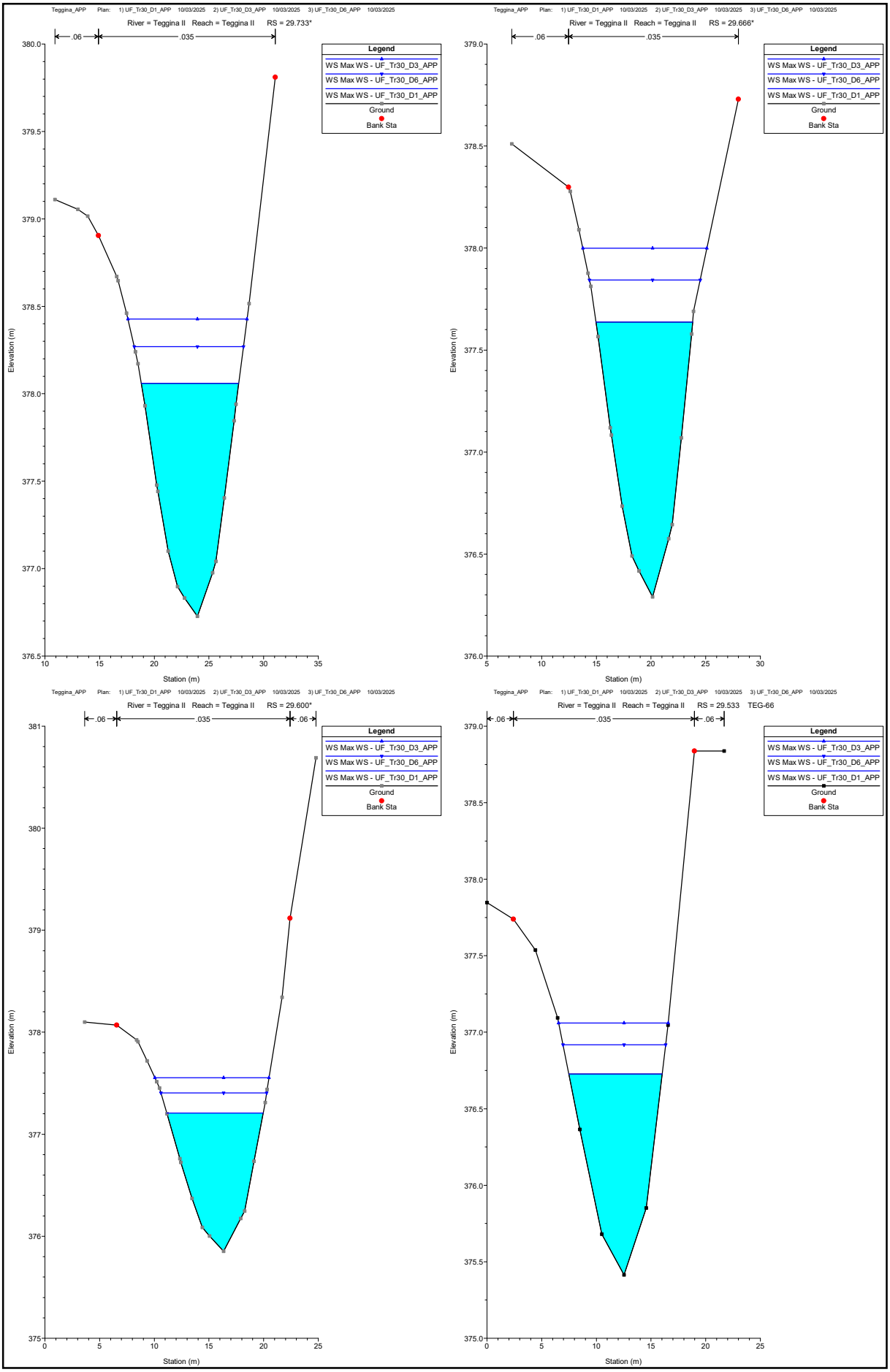
TEGGINA II

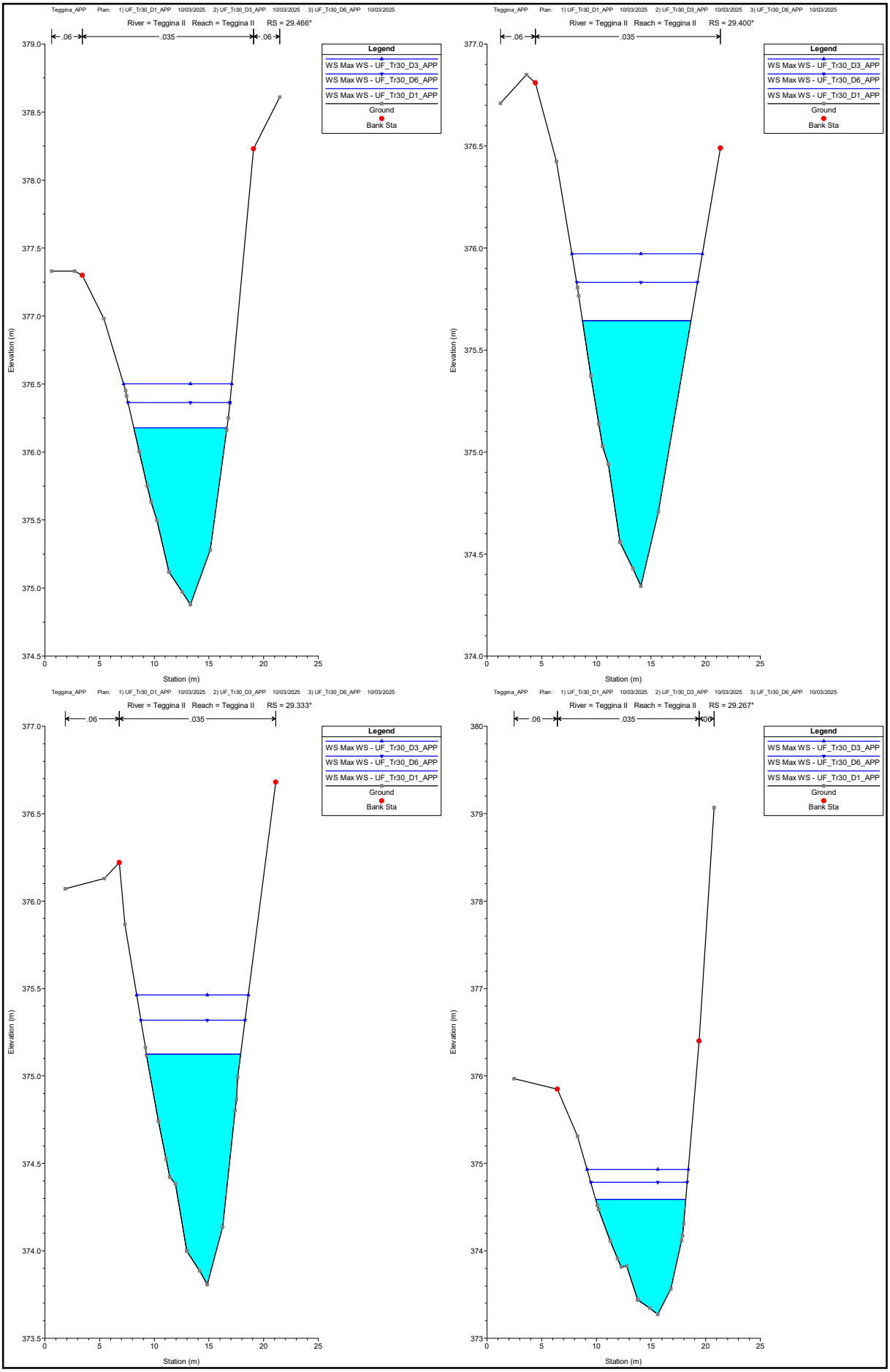
MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 1, 3 e 6 h

Sezioni Trasversali (da monte verso valle)


Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina II Reach = Teggina II RS = 30 TEG-67
River = Teggina II Reach = Teggina II RS = 29.933*
River = Teggina II Reach = Teggina II RS = 29.867*
River = Teggina II Reach = Teggina II RS = 29.800*
.06
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)


Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina II Reach = Teggina II RS = 29.733*
.06
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina II Reach = Teggina II RS = 29.666*
.06
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina II Reach = Teggina II RS = 29.600*
.06
.035
.06
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina II Reach = Teggina II RS = 29.533 TEG-66
.06
.035
.06
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)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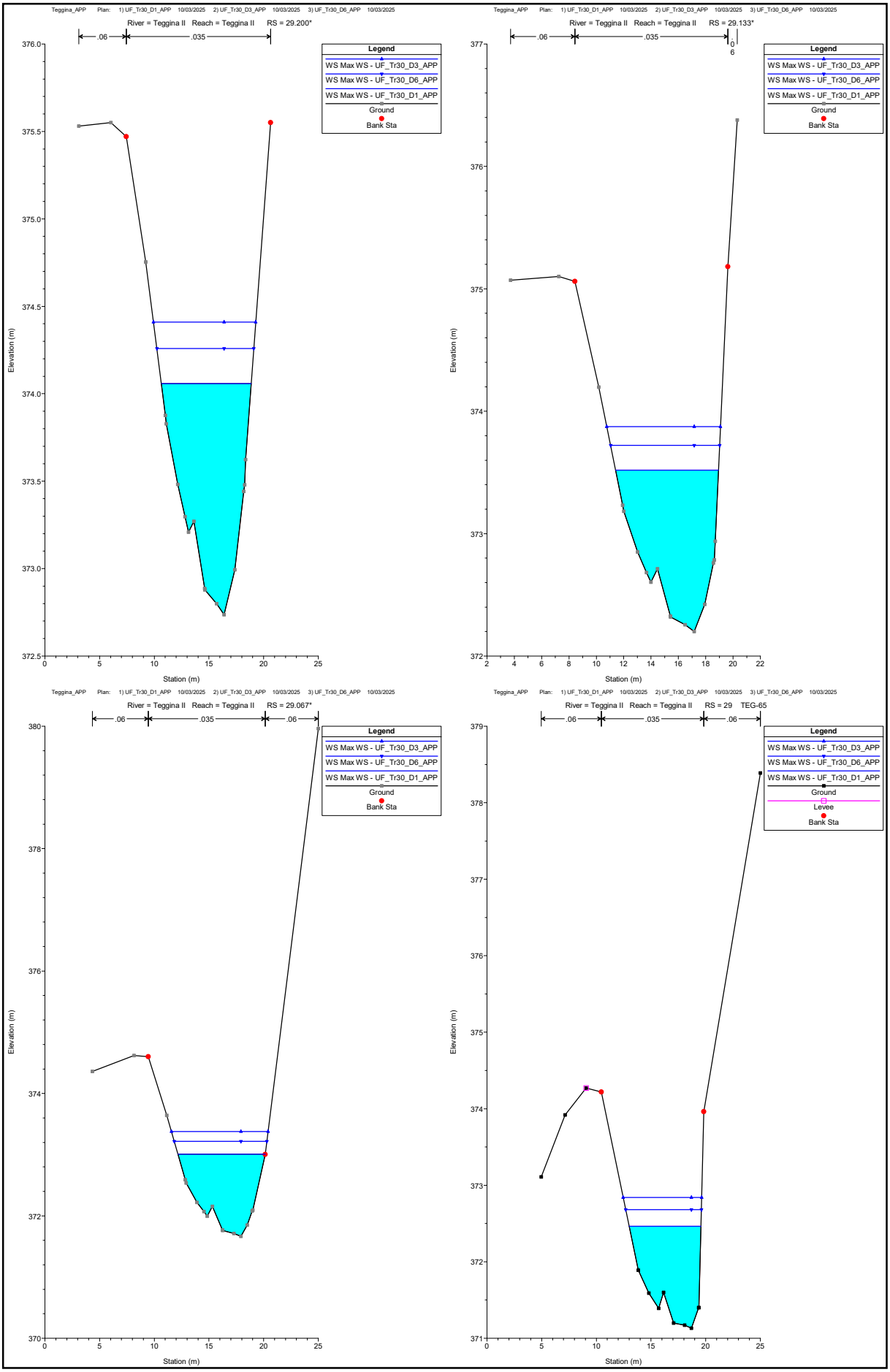
River = Teggina II Reach = Teggina II RS = 29.466*
.06
.035
.06
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina II Reach = Teggina II RS = 29.400*
.06
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina II Reach = Teggina II RS = 29.333*
.06
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina II Reach = Teggina II RS = 29.267*
.06
.035
.06
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)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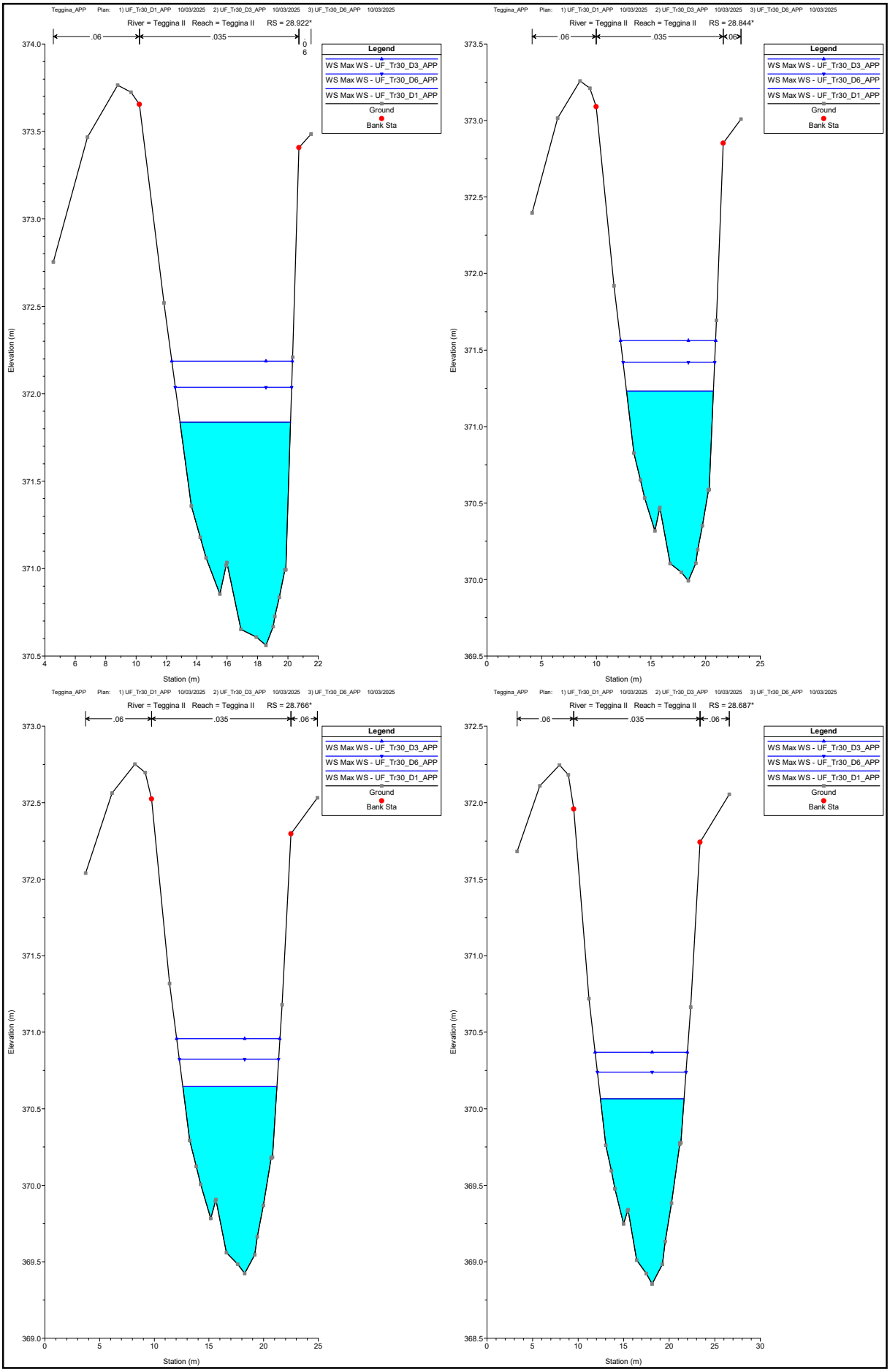
River = Teggina II Reach = Teggina II RS = 29.200*
.06
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina II Reach = Teggina II RS = 29.133*
.06
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina II Reach = Teggina II RS = 29.067*
.06
.035
.06
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina II Reach = Teggina II RS = 29 TEG-65
.06
.035
.06
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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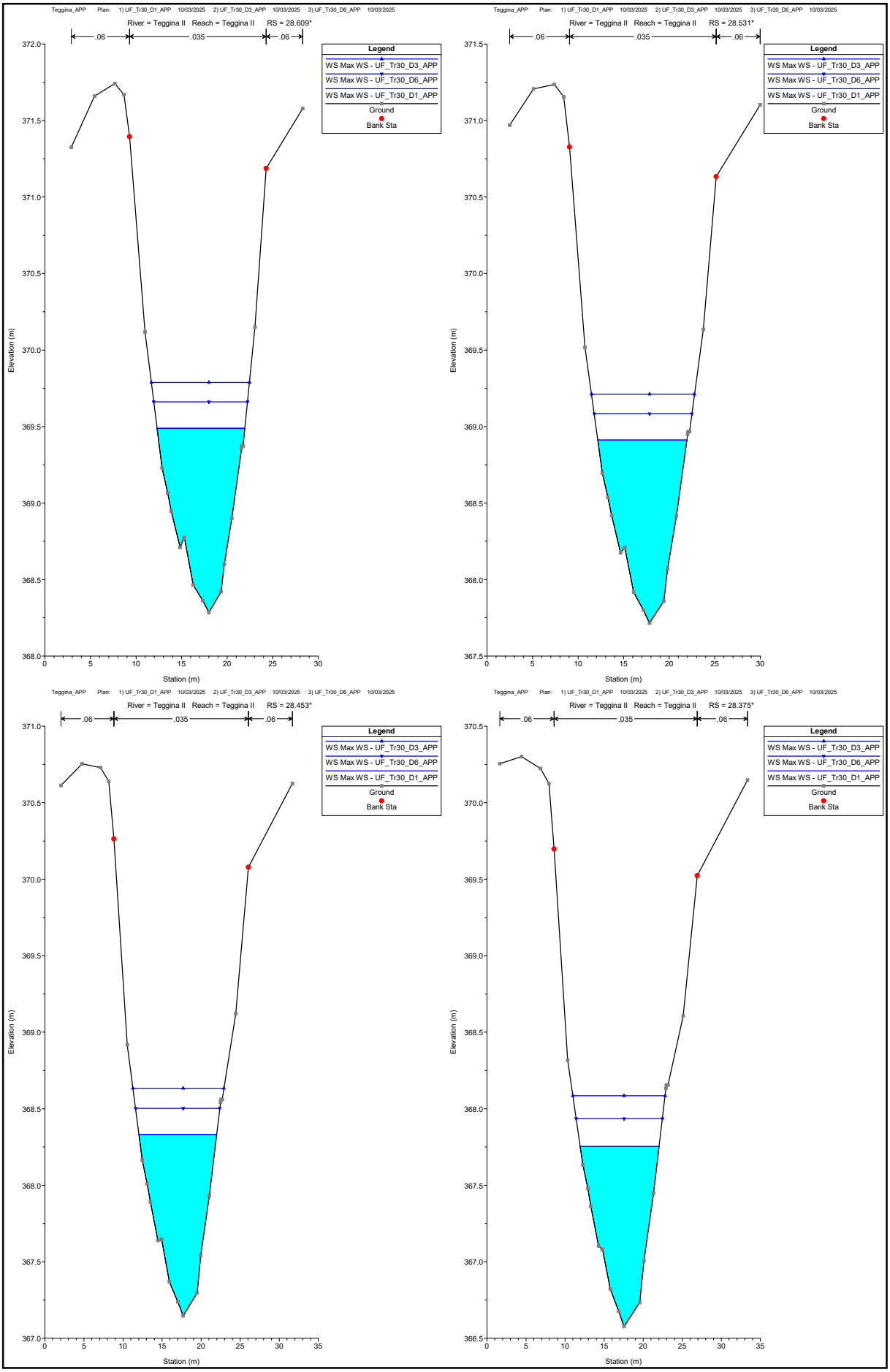
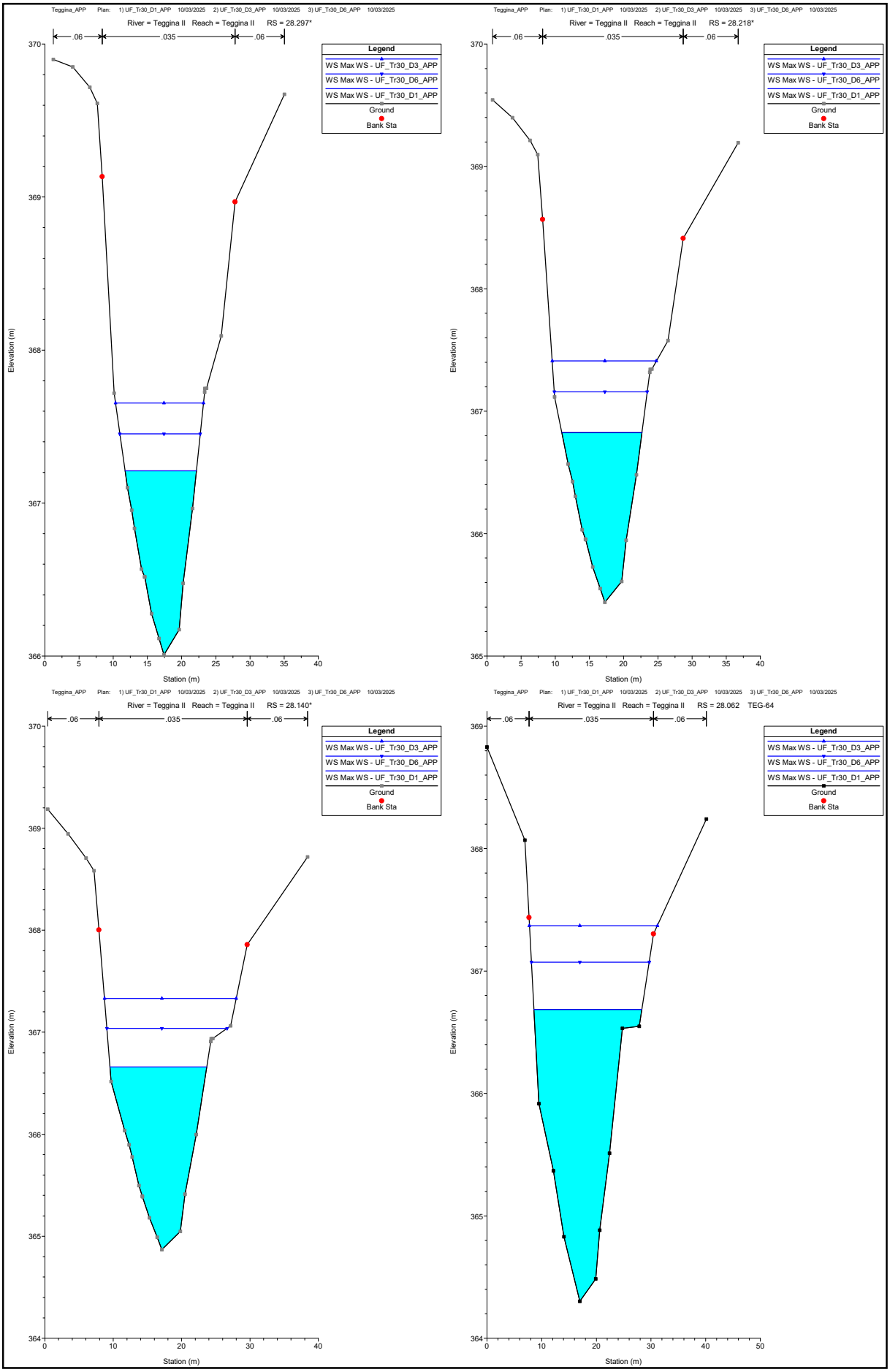
River = Teggina II Reach = Teggina II RS = 28.922*
.06
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina II Reach = Teggina II RS = 28.844*
.06
.035
.06
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina II Reach = Teggina II RS = 28.766*
.06
.035
.06
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina II Reach = Teggina II RS = 28.687*
.06
.035
.06
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)


Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina II Reach = Teggina II RS = 28.609*
.06
.035
.06
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina II Reach = Teggina II RS = 28.531*
.06
.035
.06
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina II Reach = Teggina II RS = 28.453*
.06
.035
.06
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina II Reach = Teggina II RS = 28.375*
.06
.035
.06
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)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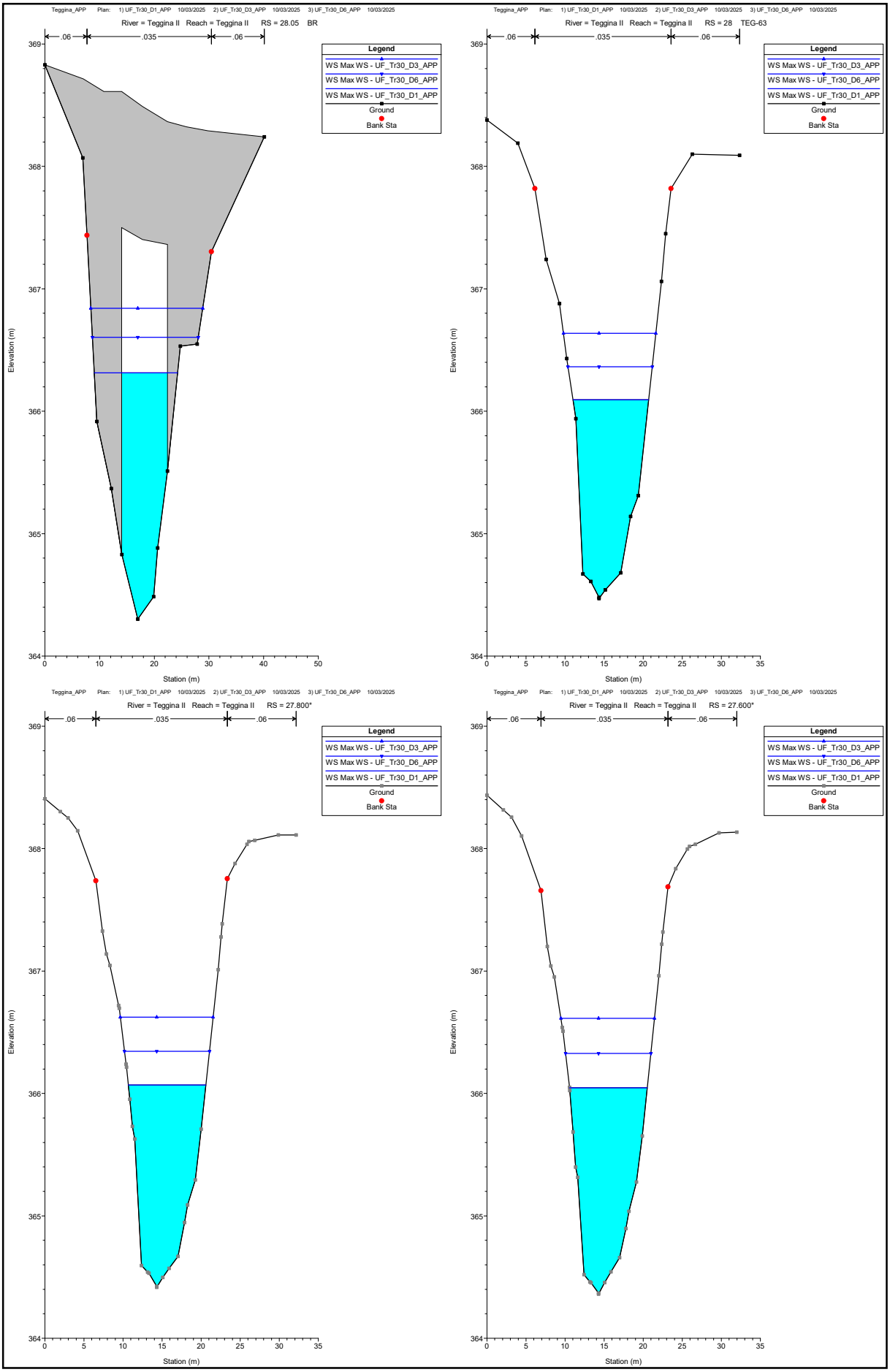
River = Teggina II Reach = Teggina II RS = 28.297*
.06
.035
.06
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina II Reach = Teggina II RS = 28.218*
.06
.035
.06
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina II Reach = Teggina II RS = 28.140*
.06
.035
.06
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina II Reach = Teggina II RS = 28.062 TEG-64
.06
.035
.06
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)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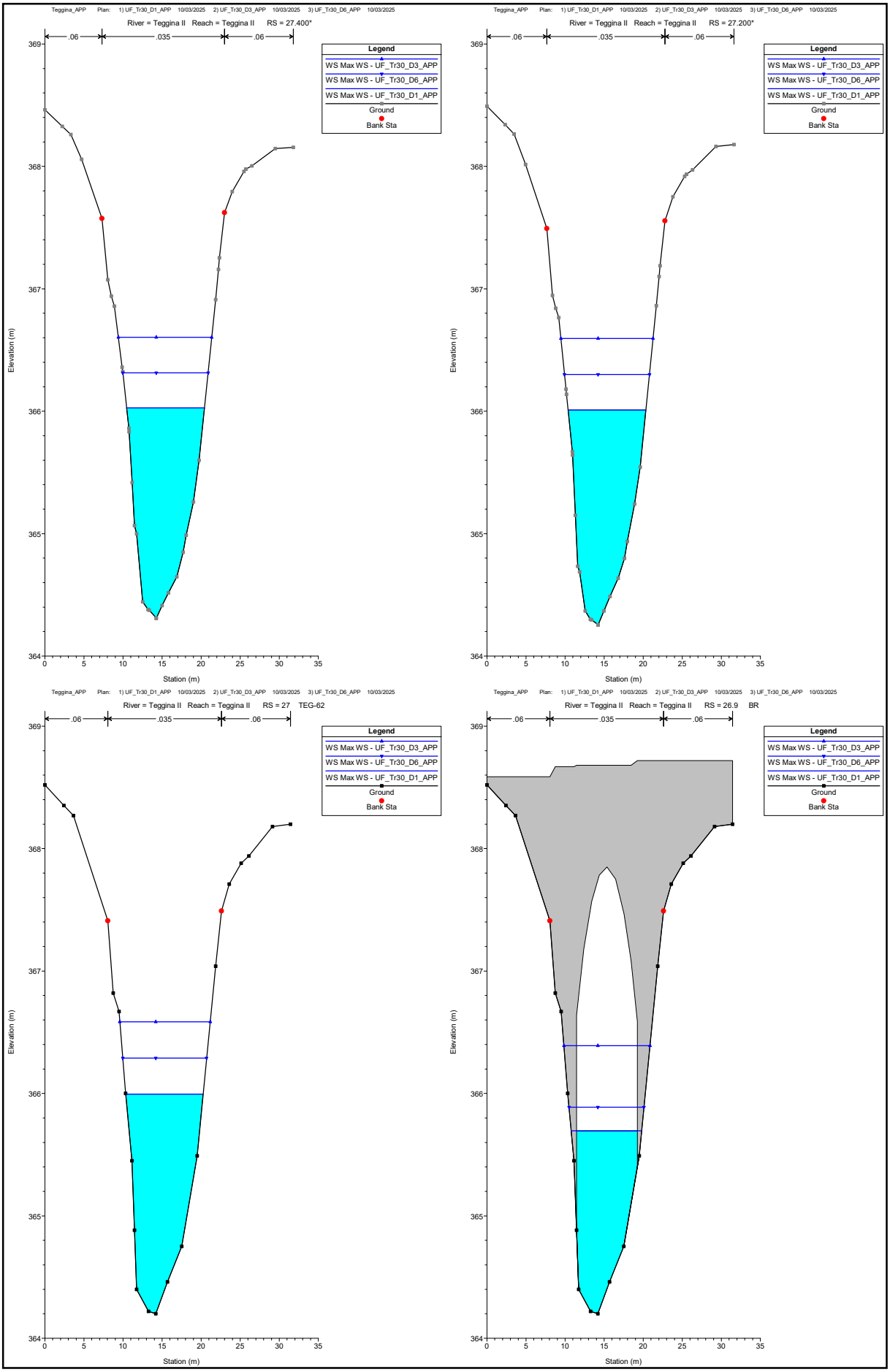
River = Teggina II Reach = Teggina II RS = 28.05 BR
.06
.035
.06
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina II Reach = Teggina II RS = 28 TEG-63
.06
.035
.06
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina II Reach = Teggina II RS = 27.800*
.06
.035
.06
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina II Reach = Teggina II RS = 27.600*
.06
.035
.06
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)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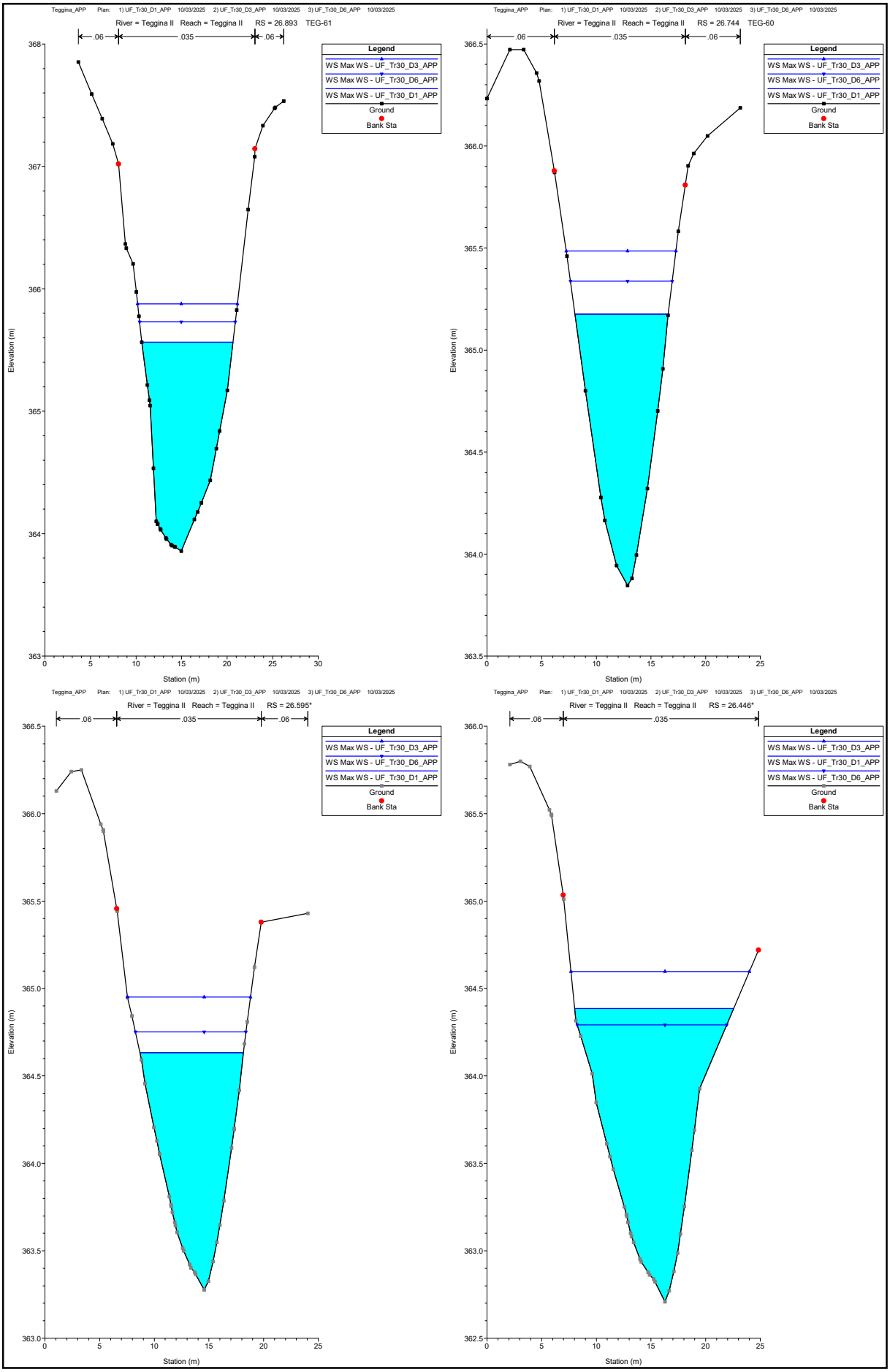
River = Teggina II Reach = Teggina II RS = 27.400*
.06
.035
.06
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina II Reach = Teggina II RS = 27.200*
.06
.035
.06
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina II Reach = Teggina II RS = 27 TEG-62
.06
.035
.06
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina II Reach = Teggina II RS = 26.9 BR
.06
.035
.06
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)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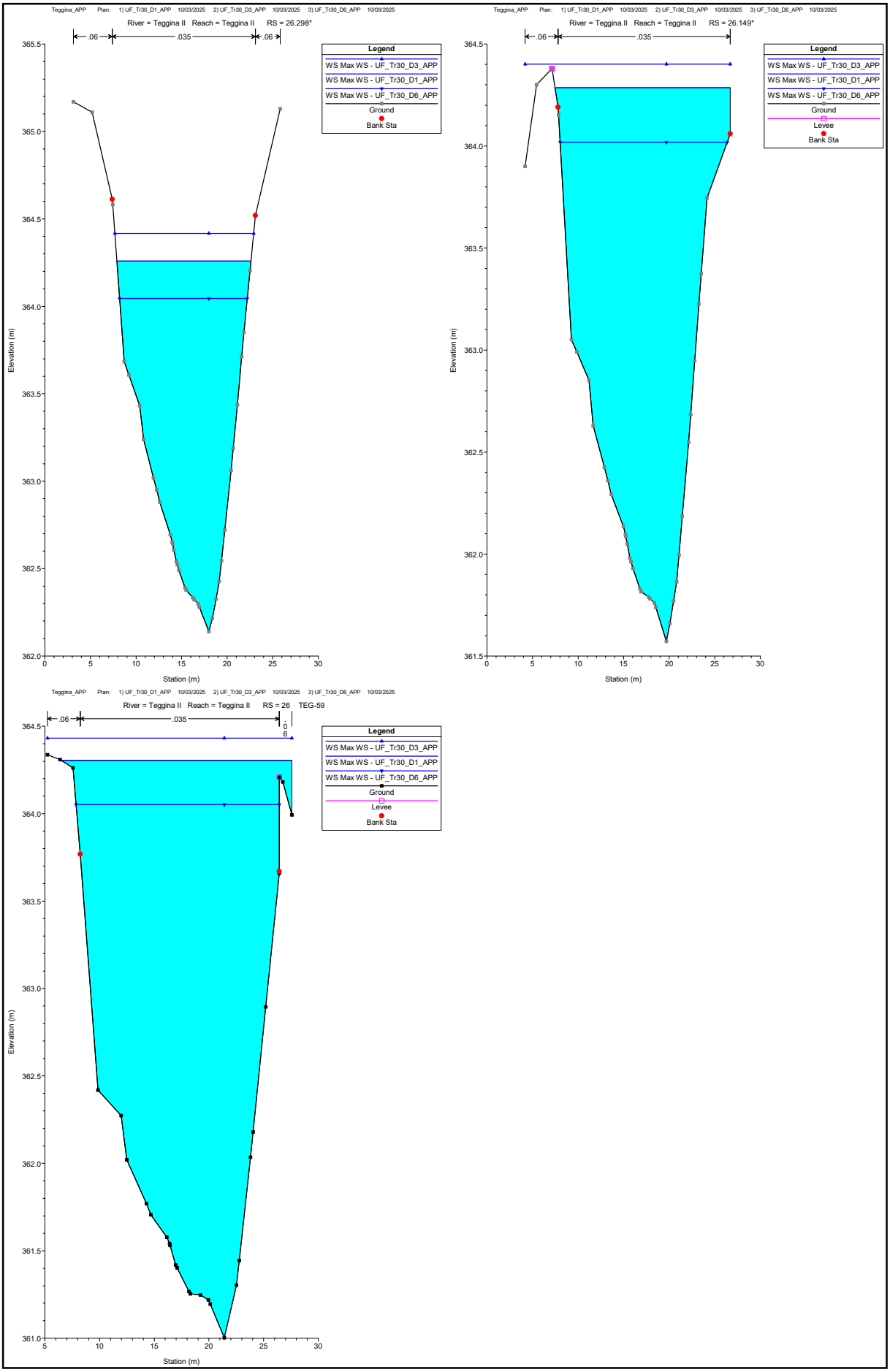
River = Teggina II Reach = Teggina II RS = 26.893 TEG-61
.06
.035
.06
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina II Reach = Teggina II RS = 26.744 TEG-60
.06
.035
.06
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina II Reach = Teggina II RS = 26.595*
.06
.035
.06
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D6_APP
WS Max WS - UF_Tr30_D1_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina II Reach = Teggina II RS = 26.446*
.06
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)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River = Teggina II Reach = Teggina II RS = 26.298*
.06
.035
.06
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina II Reach = Teggina II RS = 26.149*
.06
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Teggina_APP Plan: 1) UF_Tr30_D1_APP 10/03/2025 2) UF_Tr30_D3_APP 10/03/2025 3) UF_Tr30_D6_APP 10/03/2025
River = Teggina II Reach = Teggina II RS = 26 TEG-59
.06
.035
Legend
WS Max WS - UF_Tr30_D3_APP
WS Max WS - UF_Tr30_D1_APP
WS Max WS - UF_Tr30_D6_APP
Ground
Levee
Bank Sta
Elevation (m)
Station (m)

ALLEGATI

MODELLAZIONE HEC-RAS 6.3.1 "TEGGINA_APP"

TEGGINA II

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 1, 3 e 6 h

Dati idraulici

HEC-RAS River: Teggina II Reach: Teggina II Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Teggina II	30	Max WS	UF_Tr30_D1_APP	27.60	378.48	379.69	379.84	380.37	0.021898	3.65			7.55	8.46	1.23
Teggina II	30	Max WS	UF_Tr30_D3_APP	46.10	378.48	380.05	380.30	380.98	0.022465	4.26			10.82	9.62	1.28
Teggina II	30	Max WS	UF_Tr30_D6_APP	37.60	378.48	379.90	380.09	380.72	0.022135	4.01			9.37	9.07	1.26
Teggina II	29.933*	Max WS	UF_Tr30_D1_APP	27.60	378.04	379.29	379.44	379.95	0.021481	3.60			7.68	9.06	1.25
Teggina II	29.933*	Max WS	UF_Tr30_D3_APP	46.10	378.04	379.65	379.87	380.52	0.021371	4.15			11.11	10.39	1.28
Teggina II	29.933*	Max WS	UF_Tr30_D6_APP	37.60	378.04	379.49	379.68	380.28	0.021420	3.93			9.57	9.78	1.27
Teggina II	29.867*	Max WS	UF_Tr30_D1_APP	27.60	377.60	378.89	379.04	379.56	0.021995	3.61			7.64	9.18	1.26
Teggina II	29.867*	Max WS	UF_Tr30_D3_APP	46.10	377.60	379.24	379.47	380.13	0.021675	4.16			11.08	10.43	1.29
Teggina II	29.867*	Max WS	UF_Tr30_D6_APP	37.60	377.60	379.10	379.28	379.88	0.021592	3.93			9.57	9.88	1.27
Teggina II	29.800*	Max WS	UF_Tr30_D1_APP	27.60	377.17	378.48	378.65	379.17	0.022798	3.66			7.53	9.16	1.29
Teggina II	29.800*	Max WS	UF_Tr30_D3_APP	46.10	377.17	378.84	379.06	379.71	0.021919	4.15			11.11	10.77	1.30
Teggina II	29.800*	Max WS	UF_Tr30_D6_APP	37.60	377.17	378.69	378.88	379.48	0.022235	3.94			9.55	10.19	1.30
Teggina II	29.733*	Max WS	UF_Tr30_D1_APP	27.60	376.73	378.06	378.23	378.76	0.022742	3.70			7.46	8.91	1.29
Teggina II	29.733*	Max WS	UF_Tr30_D3_APP	46.10	376.73	378.43	378.66	379.31	0.022269	4.16			11.09	10.89	1.32
Teggina II	29.733*	Max WS	UF_Tr30_D6_APP	37.60	376.73	378.27	378.48	379.08	0.022530	3.98			9.44	9.99	1.31
Teggina II	29.666*	Max WS	UF_Tr30_D1_APP	27.60	376.29	377.64	377.82	378.34	0.022875	3.71			7.43	8.85	1.29
Teggina II	29.666*	Max WS	UF_Tr30_D3_APP	46.09	376.29	378.00	378.25	378.89	0.023665	4.17			11.05	11.35	1.35
Teggina II	29.666*	Max WS	UF_Tr30_D6_APP	37.60	376.29	377.84	378.07	378.66	0.023486	4.01			9.37	10.12	1.33
Teggina II	29.600*	Max WS	UF_Tr30_D1_APP	27.60	375.85	377.21	377.39	377.92	0.023563	3.75			7.36	8.81	1.31
Teggina II	29.600*	Max WS	UF_Tr30_D3_APP	46.09	375.85	377.55	377.82	378.50	0.024073	4.32			10.67	10.44	1.36
Teggina II	29.600*	Max WS	UF_Tr30_D6_APP	37.60	375.85	377.41	377.64	378.26	0.023779	4.09			9.18	9.67	1.34
Teggina II	29.533	Max WS	UF_Tr30_D1_APP	27.60	375.41	376.73	376.97	377.55	0.028669	4.03			6.85	8.55	1.44
Teggina II	29.533	Max WS	UF_Tr30_D3_APP	46.09	375.41	377.06	377.40	378.15	0.028827	4.63			9.95	10.02	1.49
Teggina II	29.533	Max WS	UF_Tr30_D6_APP	37.60	375.41	376.92	377.22	377.90	0.028794	4.39			8.57	9.40	1.47
Teggina II	29.466*	Max WS	UF_Tr30_D1_APP	27.60	374.88	376.18	376.44	377.04	0.030554	4.11			6.71	8.51	1.48
Teggina II	29.466*	Max WS	UF_Tr30_D3_APP	46.10	374.88	376.50	376.87	377.66	0.031004	4.76			9.69	9.90	1.54
Teggina II	29.466*	Max WS	UF_Tr30_D6_APP	37.60	374.88	376.36	376.68	377.39	0.030807	4.49			8.37	9.32	1.51
Teggina II	29.400*	Max WS	UF_Tr30_D1_APP	27.60	374.34	375.64	375.85	376.36	0.027076	3.75			7.35	9.93	1.39
Teggina II	29.400*	Max WS	UF_Tr30_D3_APP	46.09	374.34	375.97	376.23	376.88	0.025748	4.21			10.94	11.93	1.41
Teggina II	29.400*	Max WS	UF_Tr30_D6_APP	37.60	374.34	375.83	376.07	376.66	0.026275	4.03			9.33	11.05	1.40
Teggina II	29.39			Lat Struct											
Teggina II	29.333*	Max WS	UF_Tr30_D1_APP	27.60	373.81	375.13	375.37	375.95	0.029227	4.03			6.85	8.63	1.44
Teggina II	29.333*	Max WS	UF_Tr30_D3_APP	46.09	373.81	375.46	375.80	376.54	0.028750	4.59			10.03	10.21	1.48
Teggina II	29.333*	Max WS	UF_Tr30_D6_APP	37.60	373.81	375.32	375.61	376.29	0.028988	4.37			8.61	9.53	1.47
Teggina II	29.267*	Max WS	UF_Tr30_D1_APP	27.59	373.27	374.59	374.83	375.43	0.028725	4.06			6.80	8.23	1.43
Teggina II	29.267*	Max WS	UF_Tr30_D3_APP	46.09	373.27	374.93	375.26	376.06	0.028447	4.71			9.79	9.26	1.46
Teggina II	29.267*	Max WS	UF_Tr30_D6_APP	37.60	373.27	374.78	375.08	375.79	0.028546	4.44			8.46	8.82	1.45
Teggina II	29.200*	Max WS	UF_Tr30_D1_APP	27.60	372.74	374.06	374.30	374.89	0.028445	4.05			6.81	8.21	1.42
Teggina II	29.200*	Max WS	UF_Tr30_D3_APP	46.09	372.74	374.41	374.73	375.51	0.027566	4.65			9.90	9.35	1.44
Teggina II	29.200*	Max WS	UF_Tr30_D6_APP	37.60	372.74	374.26	374.54	375.25	0.027973	4.41			8.52	8.86	1.44
Teggina II	29.133*	Max WS	UF_Tr30_D1_APP	27.60	372.20	373.52	373.76	374.41	0.029516	4.18			6.60	7.53	1.43
Teggina II	29.133*	Max WS	UF_Tr30_D3_APP	46.09	372.20	373.87	374.23	375.10	0.029758	4.89			9.42	8.32	1.47
Teggina II	29.133*	Max WS	UF_Tr30_D6_APP	37.60	372.20	373.72	374.03	374.80	0.029707	4.60			8.17	7.97	1.45
Teggina II	29.067*	Max WS	UF_Tr30_D1_APP	27.59	371.66	373.01	373.21	373.80	0.025803	3.96			6.97	7.99	1.35
Teggina II	29.067*	Max WS	UF_Tr30_D3_APP	46.09	371.66	373.38	373.65	374.45	0.023633	4.59		0.58	10.09	8.84	1.35
Teggina II	29.067*	Max WS	UF_Tr30_D6_APP	37.60	371.66	373.22	373.47	374.17	0.024383	4.32		0.40	8.71	8.47	1.35
Teggina II	29	Max WS	UF_Tr30_D1_APP	27.59	371.13	372.47	372.74	373.45	0.032382	4.41			6.26	6.57	1.44
Teggina II	29	Max WS	UF_Tr30_D3_APP	46.09	371.13	372.84	373.25	374.22	0.033718	5.21			8.85	7.19	1.50
Teggina II	29	Max WS	UF_Tr30_D6_APP	37.60	371.13	372.68	373.03	373.89	0.033096	4.87			7.71	6.92	1.47
Teggina II	28.922*	Max WS	UF_Tr30_D1_APP	27.60	370.56	371.84	372.10	372.77	0.030897	4.27			6.47	7.27	1.44
Teggina II	28.922*	Max WS	UF_Tr30_D3_APP	46.09	370.56	372.19	372.57	373.49	0.031943	5.05			9.13	7.95	1.50
Teggina II	28.922*	Max WS	UF_Tr30_D6_APP	37.60	370.56	372.04	372.37	373.17	0.031464	4.72			7.96	7.66	1.48
Teggina II	28.844*	Max WS	UF_Tr30_D1_APP	27.59	369.99	371.23	371.48	372.11	0.029986	4.14			6.66	7.95	1.44
Teggina II	28.844*	Max WS	UF_Tr30_D3_APP	46.09	369.99	371.56	371.92	372.79	0.030758	4.90			9.40	8.69	1.51
Teggina II	28.844*	Max WS	UF_Tr30_D6_APP	37.60	369.99	371.42	371.73	372.49	0.030450	4.59			8.19	8.37	1.48
Teggina II	28.766*	Max WS	UF_Tr30_D1_APP	27.60	369.42	370.64	370.87	371.47	0.029335	4.03			6.85	8.59	1.44
Teggina II	28.766*	Max WS	UF_Tr30_D3_APP	46.09	369.42	370.96	371.30	372.11	0.029881	4.76			9.69	9.43	1.50
Teggina II	28.766*	Max WS	UF_Tr30_D6_APP	37.60	369.42	370.82	371.12	371.84	0.029643	4.46			8.44	9.07	1.48
Teggina II	28.687*	Max WS	UF_Tr30_D1_APP	27.60	368.85	370.07	370.28	370.85	0.028966	3.93			7.02	9.17	1.44
Teggina II	28.687*	Max WS	UF_Tr30_D3_APP	46.09	368.85	370.37	370.69	371.46	0.029352	4.63			9.94	10.13	1.49
Teggina II	28.687*	Max WS	UF_Tr30_D6_APP	37.60	368.85	370.24	370.51	371.20	0.029130	4.34			8.66	9.72	1.47
Teggina II	28.609*	Max WS	UF_Tr30_D1_APP	27.59	368.29	369.49	369.71	370.26	0.029276	3.88			7.11	9.64	1.44
Teggina II	28.609*	Max WS	UF_Tr30_D3_APP	46.09	368.29	369.79	370.10	370.84	0.029080	4.53			10.17	10.77	1.49
Teggina II	28.609*	Max WS	UF_Tr30_D6_APP	37.60	368.29	369.66	369.93	370.59	0.029004	4.26			8.83	10.29	1.47
Teggina II	28.531*	Max WS	UF_Tr30_D1_APP	27.59	367.72	368.91	369.13	369.67	0.029038	3.85			7.16	9.77	1.44
Teggina II	28.531*	Max WS	UF_Tr30_D3_APP	46.09	367.72	369.21	369.51	370.23	0.029161	4.46			10.33	11.30	1.49
Teggina II	28.531*	Max WS	UF_Tr30_D6_APP	37.60	367.72	369.08	369.35	369.99	0.029409	4.22			8.92	10.71	1.48
Teggina II	28.453*	Max WS	UF_Tr30_D1_APP	27.59	367.15	368.33	368.55	369.08	0.029153	3.84			7.20	9.95	1.44
Teggina II	28.453*	Max WS	UF_Tr30_D3_APP	46.09	367.15	368.63	368.93	369.63	0.029284	4.42			10.43	11.65	1.49
Teggina II	28.453*	Max WS	UF_Tr30_D6_APP	37.60	367.15	368.50	368.77	369.40	0.029182	4.20			8.95	10.78	1.47
Teggina II	28.375*	Max WS	UF_Tr30_D1_APP	27.59	366.58	367.75	367.97	368.50	0.029389	3.82			7.22	10.11	1.45
Teggina II	28.375*	Max WS	UF_Tr30_D3_APP	46.09	366.58	368.09	368.36	369.01	0.026113	4.25			10.85	11.82	1.42
Teggina II	28.375*	Max WS	UF_Tr30_D6_APP	37.60	366.58	367.93	368.19	368.80	0.028150	4.12			9.13	11.04	1.45
Teggina II	28.297*	Max WS	UF_Tr30_D1_APP	27.59	366.01	367.21	367.39	367.88	0.025826	3.63			7.60	10.45	1.36
Teggina II	28.297*	Max WS	UF_Tr30_D3_APP	46.09	366.01	367.65	367.77	368.32	0.017001	3.61			12.77	12.88	1.16
Teggina II	28.297*	Max WS	UF_Tr30_D6_APP	37.60	366.01	367.45	367.60	368.13	0.020619	3.66			10.28	11.77	1.25
Teggina II	28.218*	Max WS	UF_Tr30_D1_APP	27.59	365.44	366.83	366.81	367.23	0.012945	2.82			9.79	11.73	0.98
Teggina II	28.218*	Max WS	UF_Tr30_D3_APP	46.09	365.44	367.41		367.76	0.007365	2.62			17.58	15.24	0.78
Teggina II	28.218*	Max WS	UF_Tr30_D6_APP	37.60	365.44	367.16		367.53	0.008910	2.68			14.01	13.59	0.84
Teggina II	28.140*	Max WS	UF_Tr30_D1_APP	27.59	364.87	366.66		366.83	0.003825	1.81			15.25	14.16	0.56
Teggina II	28.140*	Max WS	UF_Tr30_D3_APP	46.09	364.87	367.33		367.49	0.002597	1.74			26.44	19.27	0.48
Teggina II	28.140*	Max WS	UF_Tr30_D6_APP	37.60	364.87	367.04		367.20	0.003287	1.79			20.99	17.59	0.52

HEC-RAS River: Teggina II Reach: Teggina II Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Teggina II	28.062	Max WS	UF_Tr30_D1_APP	27.59	364.30	366.69	365.66	366.75	0.001121	1.09			25.24	19.77	0.31
Teggina II	28.062	Max WS	UF_Tr30_D3_APP	46.09	364.30	367.37	366.02	367.44	0.000833	1.16		0.05	39.85	23.40	0.28
Teggina II	28.062	Max WS	UF_Tr30_D6_APP	37.60	364.30	367.07	365.88	367.14	0.000944	1.13			33.20	21.56	0.29
Teggina II	28.05			Bridge											
Teggina II	28	Max WS	UF_Tr30_D1_APP	29.75	364.47	366.09		366.47	0.008890	2.73			10.90	9.69	0.82
Teggina II	28	Max WS	UF_Tr30_D3_APP	46.09	364.47	366.64		367.02	0.006661	2.75			16.78	11.85	0.74
Teggina II	28	Max WS	UF_Tr30_D6_APP	37.60	364.47	366.36		366.75	0.007741	2.75			13.67	10.80	0.78
Teggina II	27.800*	Max WS	UF_Tr30_D1_APP	29.72	364.42	366.07		366.44	0.008566	2.68			11.08	9.94	0.81
Teggina II	27.800*	Max WS	UF_Tr30_D3_APP	46.09	364.42	366.62		366.99	0.006205	2.69			17.13	11.89	0.72
Teggina II	27.800*	Max WS	UF_Tr30_D6_APP	37.60	364.42	366.34		366.72	0.007266	2.70			13.93	10.88	0.76
Teggina II	27.600*	Max WS	UF_Tr30_D1_APP	29.69	364.36	366.05		366.40	0.008002	2.63			11.30	9.95	0.79
Teggina II	27.600*	Max WS	UF_Tr30_D3_APP	46.09	364.36	366.61		366.97	0.005824	2.64			17.49	11.98	0.70
Teggina II	27.600*	Max WS	UF_Tr30_D6_APP	37.60	364.36	366.33		366.68	0.006793	2.64			14.22	10.91	0.74
Teggina II	27.400*	Max WS	UF_Tr30_D1_APP	29.65	364.31	366.03		366.36	0.007491	2.57			11.52	9.97	0.76
Teggina II	27.400*	Max WS	UF_Tr30_D3_APP	46.09	364.31	366.60		366.94	0.005451	2.58			17.83	11.95	0.68
Teggina II	27.400*	Max WS	UF_Tr30_D6_APP	37.60	364.31	366.31		366.66	0.006351	2.59			14.52	10.91	0.72
Teggina II	27.200*	Max WS	UF_Tr30_D1_APP	29.60	364.25	366.01		366.33	0.007009	2.52			11.77	9.95	0.74
Teggina II	27.200*	Max WS	UF_Tr30_D3_APP	46.09	364.25	366.59		366.92	0.005128	2.54			18.14	11.80	0.65
Teggina II	27.200*	Max WS	UF_Tr30_D6_APP	37.60	364.25	366.30		366.63	0.005980	2.54			14.80	10.87	0.70
Teggina II	27	Max WS	UF_Tr30_D1_APP	29.56	364.20	365.99	365.71	366.30	0.006612	2.46			12.01	9.90	0.71
Teggina II	27	Max WS	UF_Tr30_D3_APP	46.09	364.20	366.58	366.09	366.91	0.004911	2.51			18.35	11.56	0.64
Teggina II	27	Max WS	UF_Tr30_D6_APP	37.60	364.20	366.29	365.91	366.61	0.005674	2.50			15.05	10.73	0.67
Teggina II	26.9			Bridge											
Teggina II	26.893	Max WS	UF_Tr30_D1_APP	29.49	363.86	365.56		365.91	0.007732	2.58			11.41	9.99	0.77
Teggina II	26.893	Max WS	UF_Tr30_D3_APP	46.09	363.86	365.88		366.38	0.009272	3.14			14.70	10.94	0.86
Teggina II	26.893	Max WS	UF_Tr30_D6_APP	37.60	363.86	365.73		366.15	0.008511	2.87			13.11	10.50	0.82
Teggina II	26.744	Max WS	UF_Tr30_D1_APP	29.20	363.85	365.18	365.46	366.11	0.032169	4.27			6.84	8.54	1.52
Teggina II	26.744	Max WS	UF_Tr30_D3_APP	46.09	363.85	365.49	365.84	366.63	0.031071	4.74			9.71	10.04	1.54
Teggina II	26.744	Max WS	UF_Tr30_D6_APP	37.60	363.85	365.34	365.67	366.39	0.031832	4.54			8.28	9.32	1.54
Teggina II	26.743			Lat Struct											
Teggina II	26.595*	Max WS	UF_Tr30_D1_APP	26.59	363.28	364.63	364.77	365.25	0.020678	3.47			7.67	9.46	1.23
Teggina II	26.595*	Max WS	UF_Tr30_D3_APP	46.17	363.28	364.95	365.20	365.86	0.024008	4.21			10.96	11.25	1.36
Teggina II	26.595*	Max WS	UF_Tr30_D6_APP	37.60	363.28	364.75	365.03	365.68	0.028316	4.26			8.83	10.11	1.45
Teggina II	26.446*	Max WS	UF_Tr30_D1_APP	25.98	362.71	364.39		364.61	0.006780	2.08			12.49	14.54	0.72
Teggina II	26.446*	Max WS	UF_Tr30_D3_APP	48.05	362.71	364.60	364.59	365.07	0.012483	3.05			15.76	16.32	0.99
Teggina II	26.446*	Max WS	UF_Tr30_D6_APP	37.60	362.71	364.29	364.41	364.87	0.019010	3.37			11.16	13.67	1.19
Teggina II	26.298*	Max WS	UF_Tr30_D1_APP	35.41	362.14	364.26		364.43	0.003179	1.85			19.13	14.70	0.52
Teggina II	26.298*	Max WS	UF_Tr30_D3_APP	57.99	362.14	364.42		364.79	0.006085	2.70			21.50	15.24	0.72
Teggina II	26.298*	Max WS	UF_Tr30_D6_APP	39.40	362.14	364.05		364.35	0.006544	2.45			16.07	14.01	0.73
Teggina II	26.149*	Max WS	UF_Tr30_D1_APP	36.78	361.57	364.29		364.36	0.000958	1.18	0.07		31.17	19.23	0.29
Teggina II	26.149*	Max WS	UF_Tr30_D3_APP	57.16	361.57	364.40		364.55	0.001852	1.71	0.19		33.90	22.51	0.41
Teggina II	26.149*	Max WS	UF_Tr30_D6_APP	39.34	361.57	364.02		364.13	0.001861	1.51			26.13	18.33	0.40
Teggina II	26	Max WS	UF_Tr30_D1_APP	37.14	361.00	364.30		364.34	0.000315	0.86	0.07	0.07	43.59	21.06	0.18
Teggina II	26	Max WS	UF_Tr30_D3_APP	58.92	361.00	364.43		364.52	0.000663	1.29	0.13	0.13	46.43	22.35	0.26
Teggina II	26	Max WS	UF_Tr30_D6_APP	39.46	361.00	364.05		364.10	0.000518	1.02	0.09	0.00	38.61	18.59	0.22

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "AV4130"

AV4130

MODELLAZIONE PER TR=30 e 200 ANNI

DURATA DI PIOGGIA: 0.5, 1 e 2h

Profilo longitudinale

Sezioni Trasversali

Dati idraulici

ALLEGATI

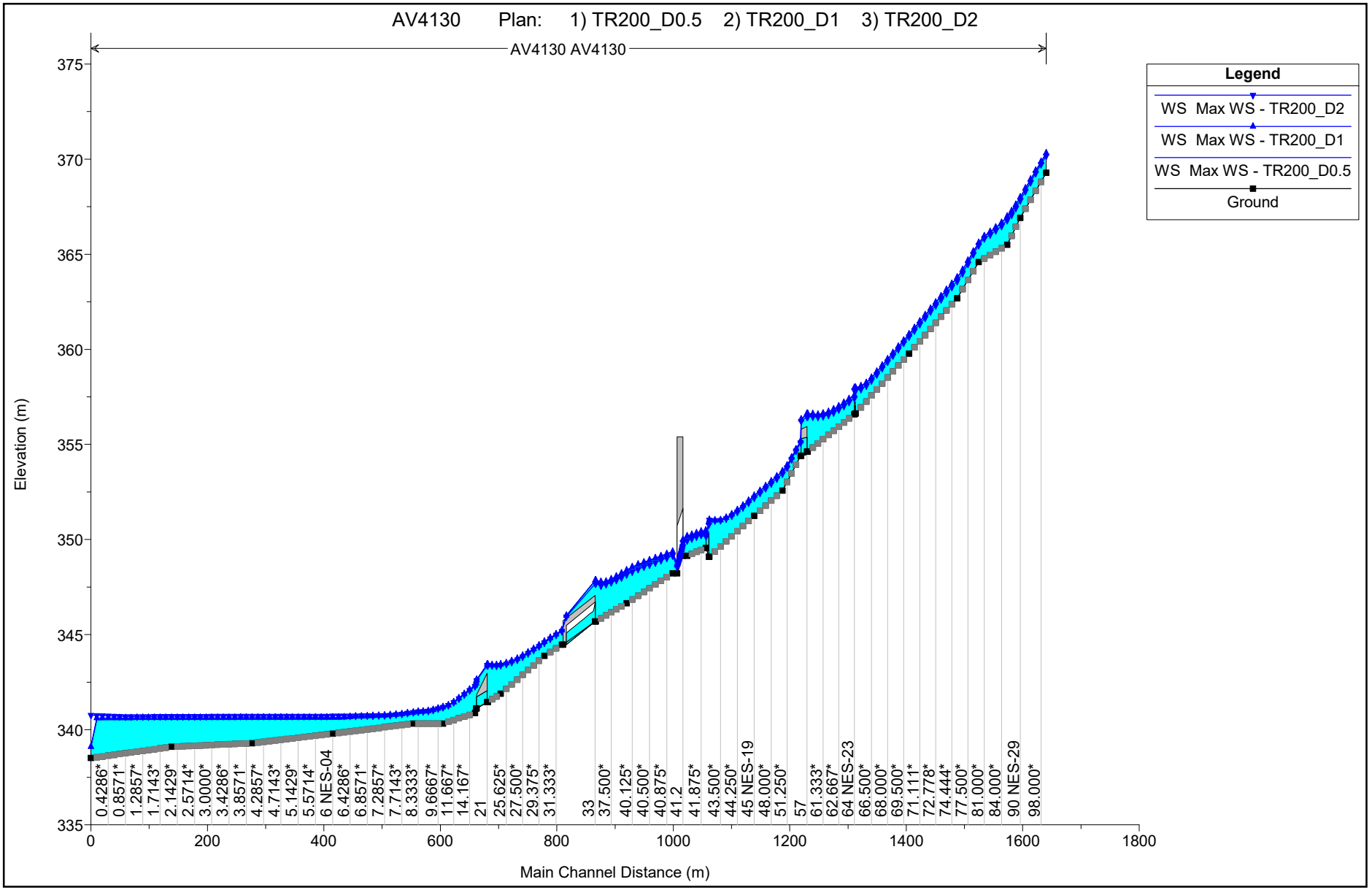
MODELLAZIONE HEC-RAS 5.0.7 "AV4130"

AV4130

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 0.5, 1 e 2h

Profilo longitudinale


AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
AV4130 AV4130
Legend
WS Max WS - TR200_D2
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
Ground
Elevation (m)
Main Channel Distance (m)
375
370
365
360
355
350
345
340
335
0
200
400
600
800
1000
1200
1400
1600
1800
0.4286*
0.8571*
1.2857*
1.7143*
2.1429*
2.5714*
3.0000*
3.4286*
3.8571*
4.2857*
4.7143*
5.1429*
5.5714*
6 NES-04
6.4286*
6.8571*
7.2857*
7.7143*
8.3333*
9.6667*
11.667*
14.167*
21
25.625*
27.500*
29.375*
31.333*
33
37.500*
40.125*
40.500*
40.875*
41.2
41.875*
43.500*
44.250*
45 NES-19
48.000*
51.250*
57
61.333*
62.667*
64 NES-23
66.500*
68.000*
69.500*
71.111*
72.778*
74.444*
77.500*
81.000*
84.000*
90 NES-29
98.000*

ALLEGATI

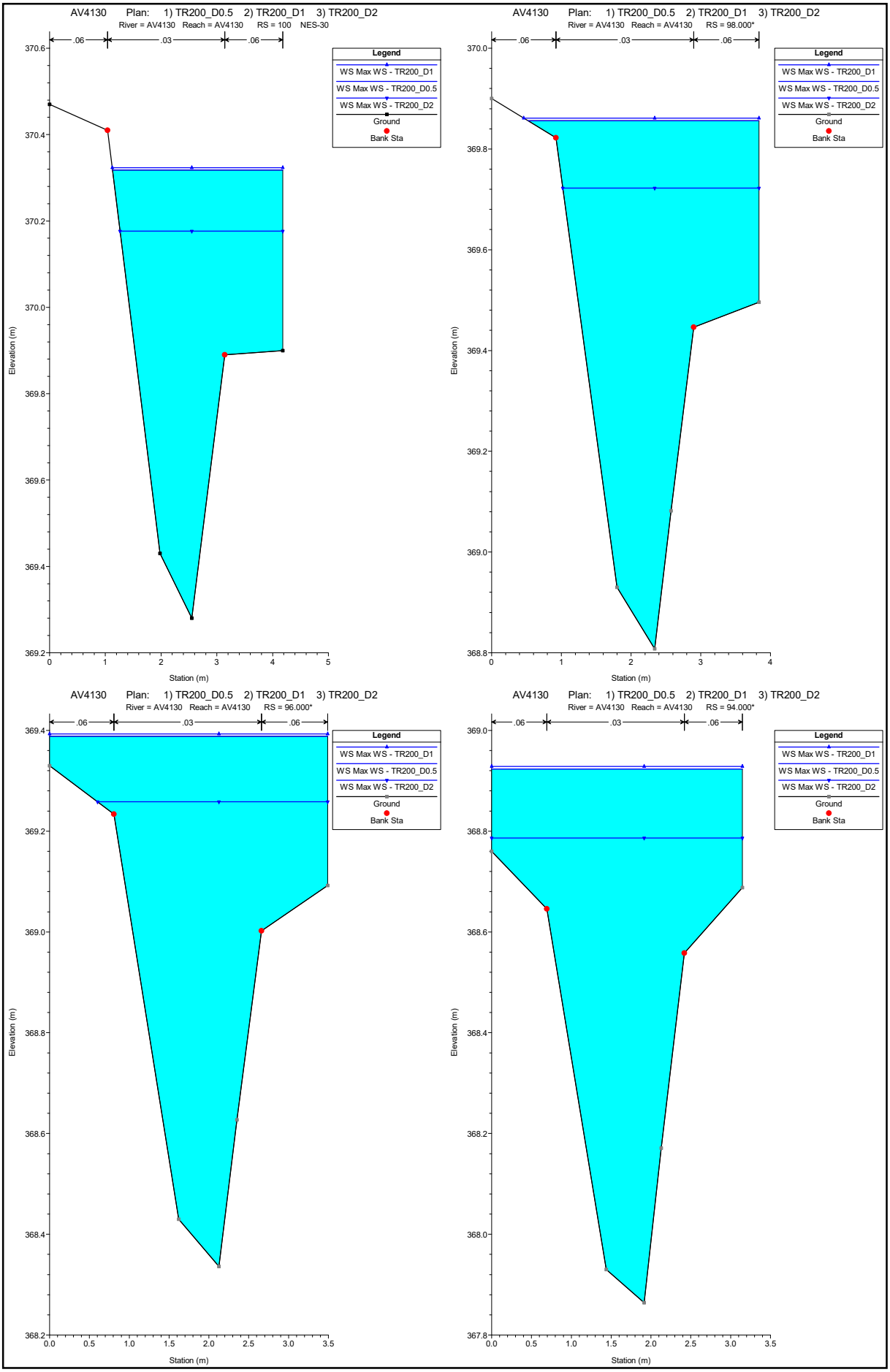
MODELLAZIONE HEC-RAS 5.0.7 "AV4130"

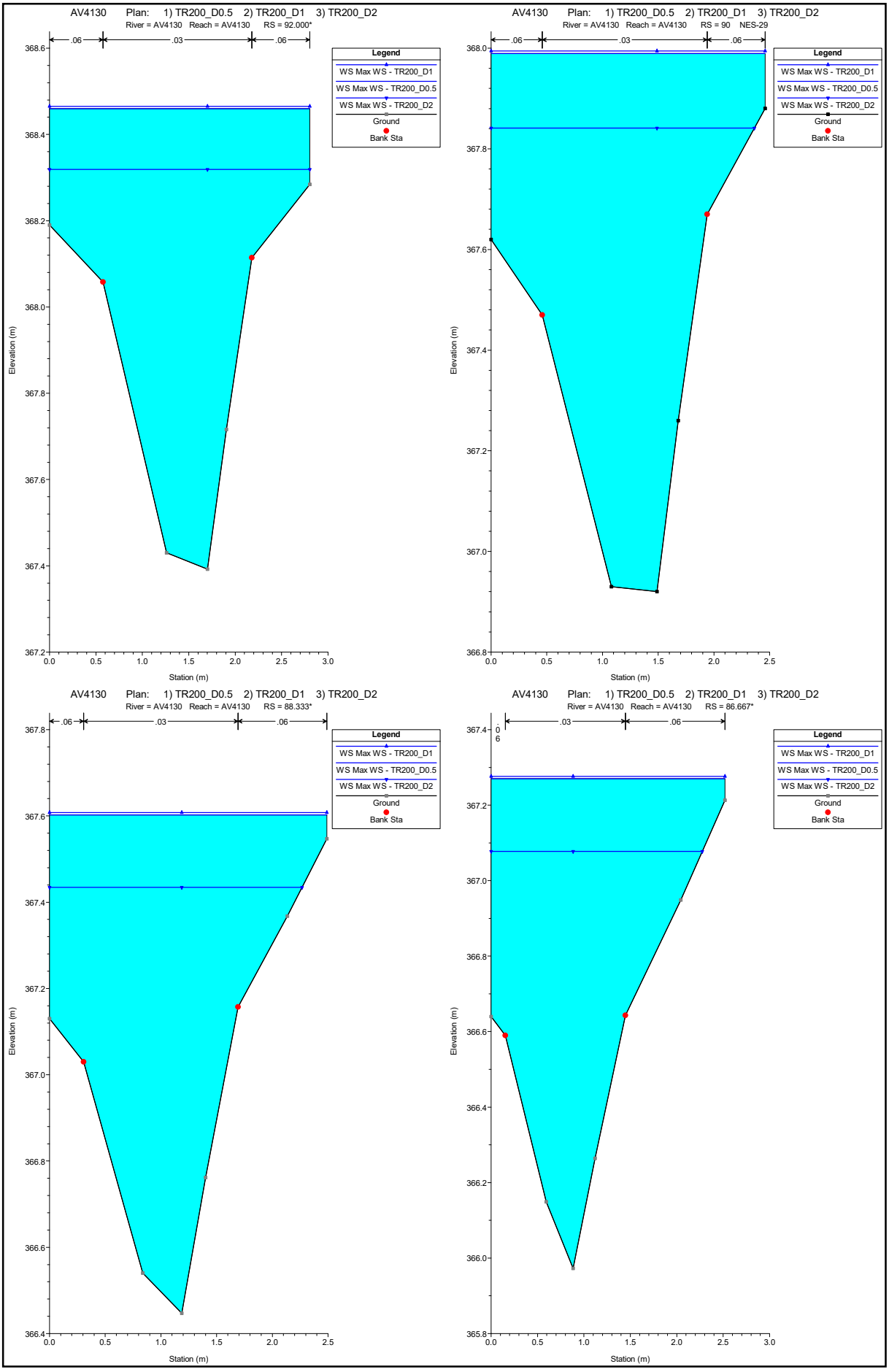
AV4130

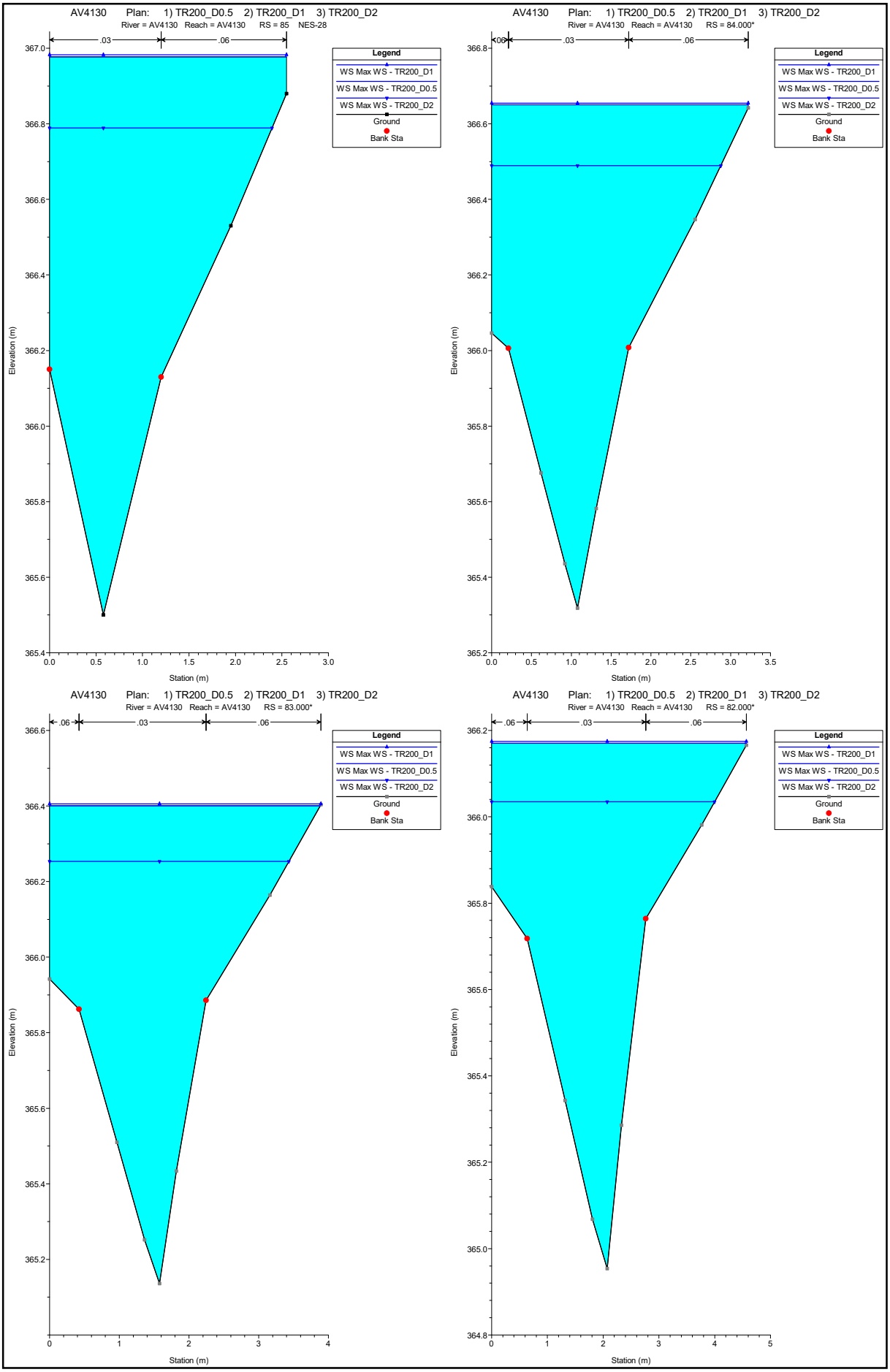
MODELLAZIONE PER TR= 200 anni

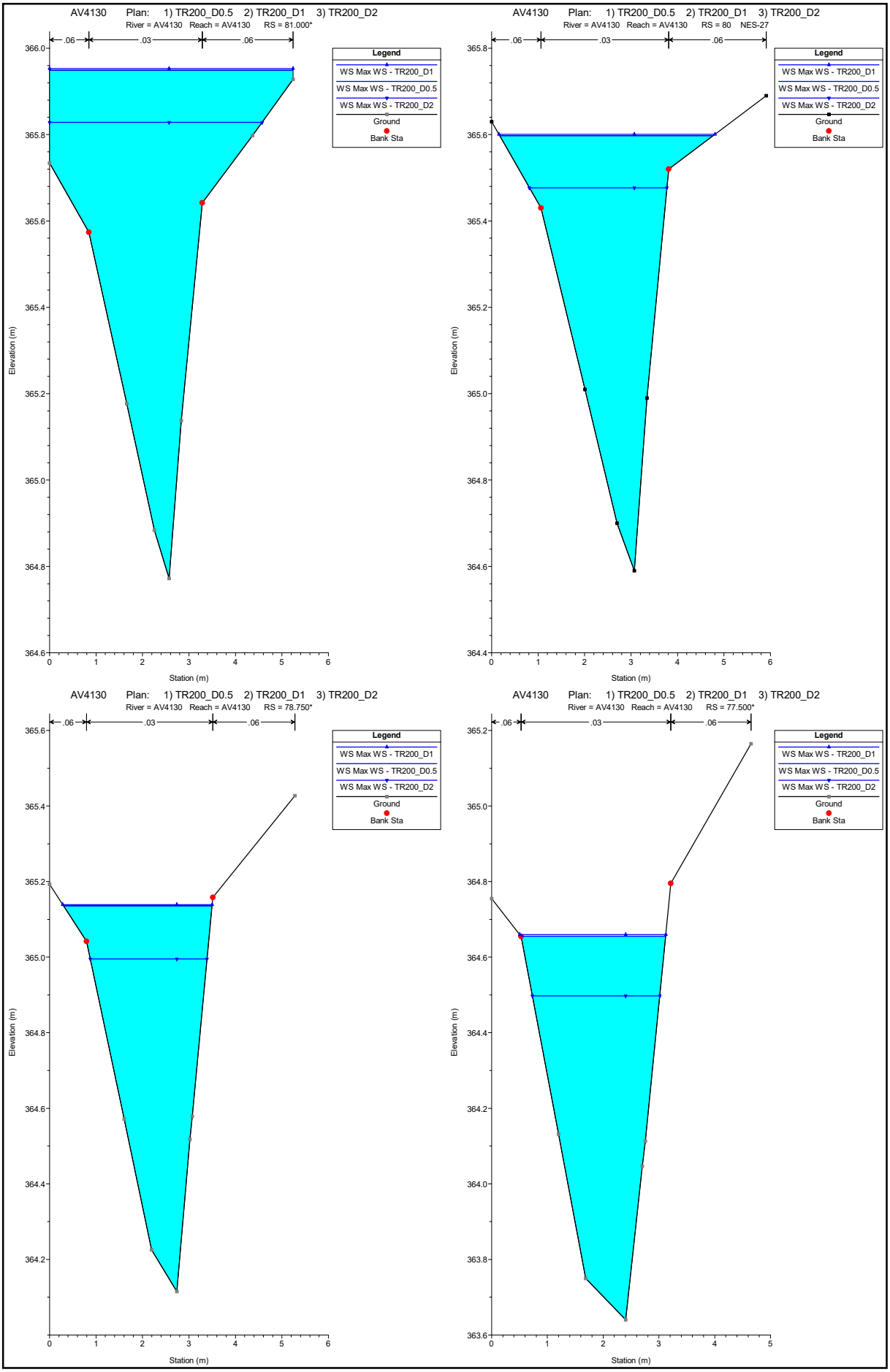
DURATE DI PIOGGIA: 0.5, 1 e 2h

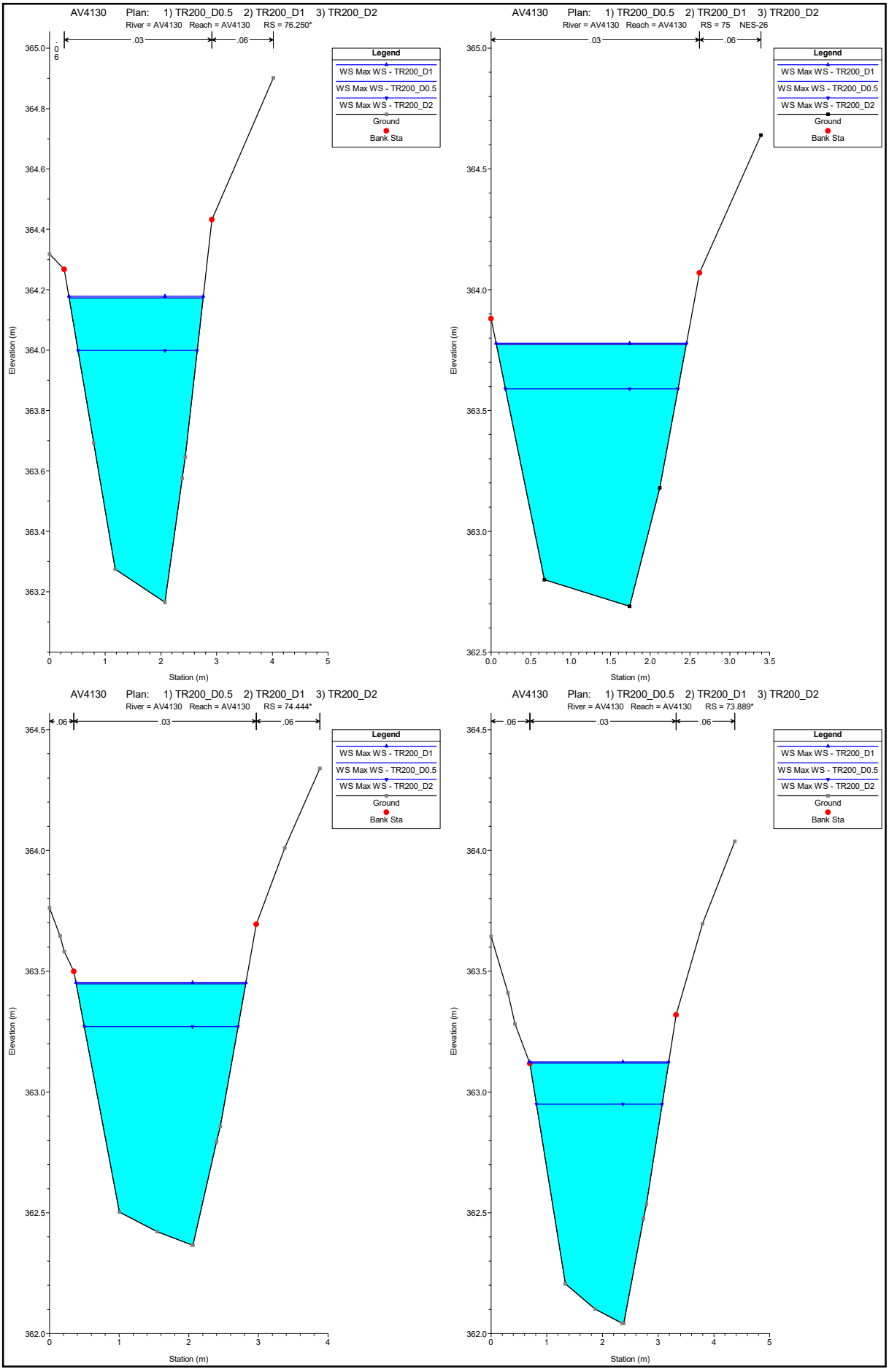
Sezioni Trasversali (da monte verso valle)

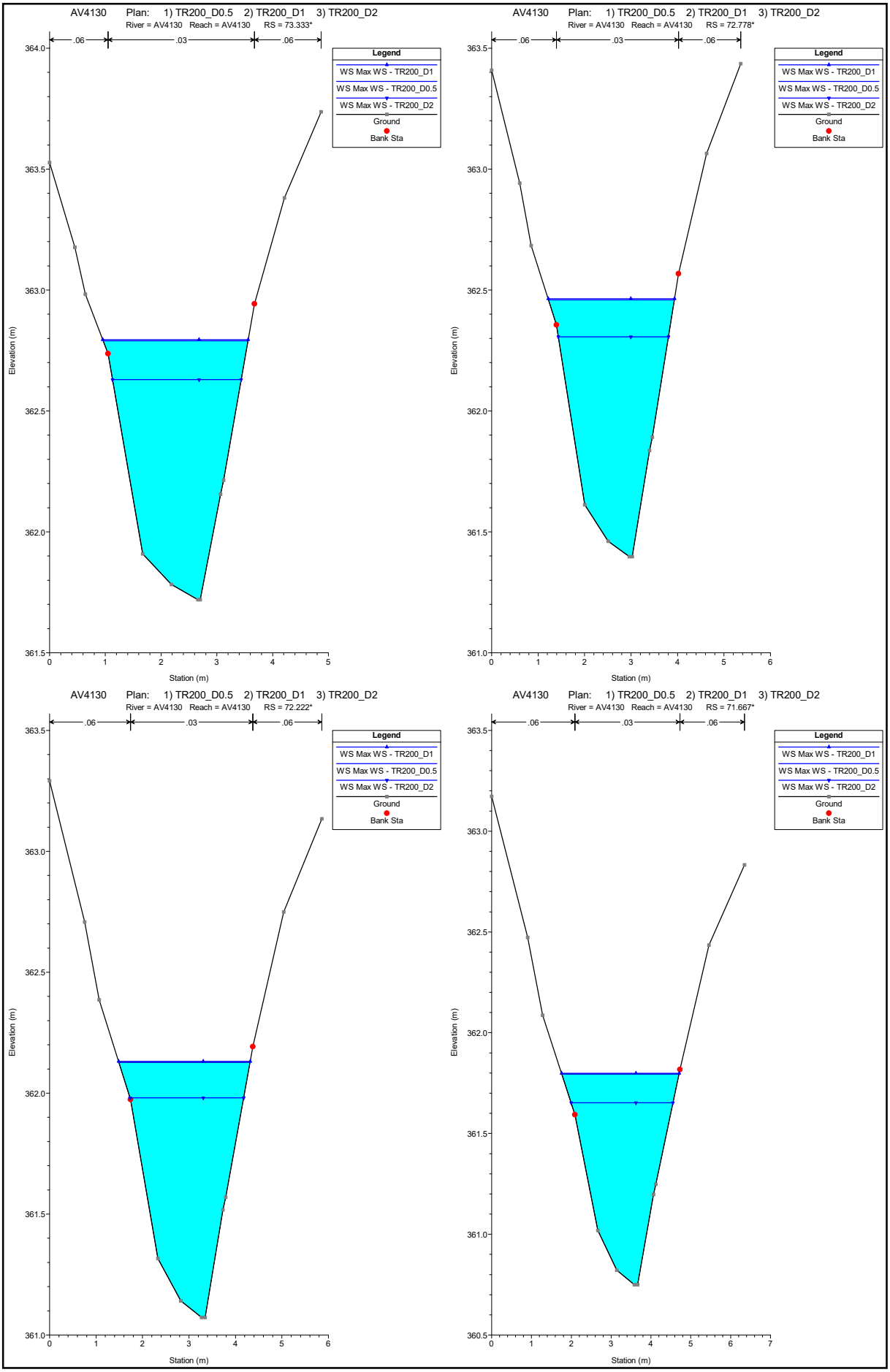

AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 100 NES-30
.06 .03 .06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 98.000*
.06 .03 .06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 96.000*
.06 .03 .06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 94.000*
.06 .03 .06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

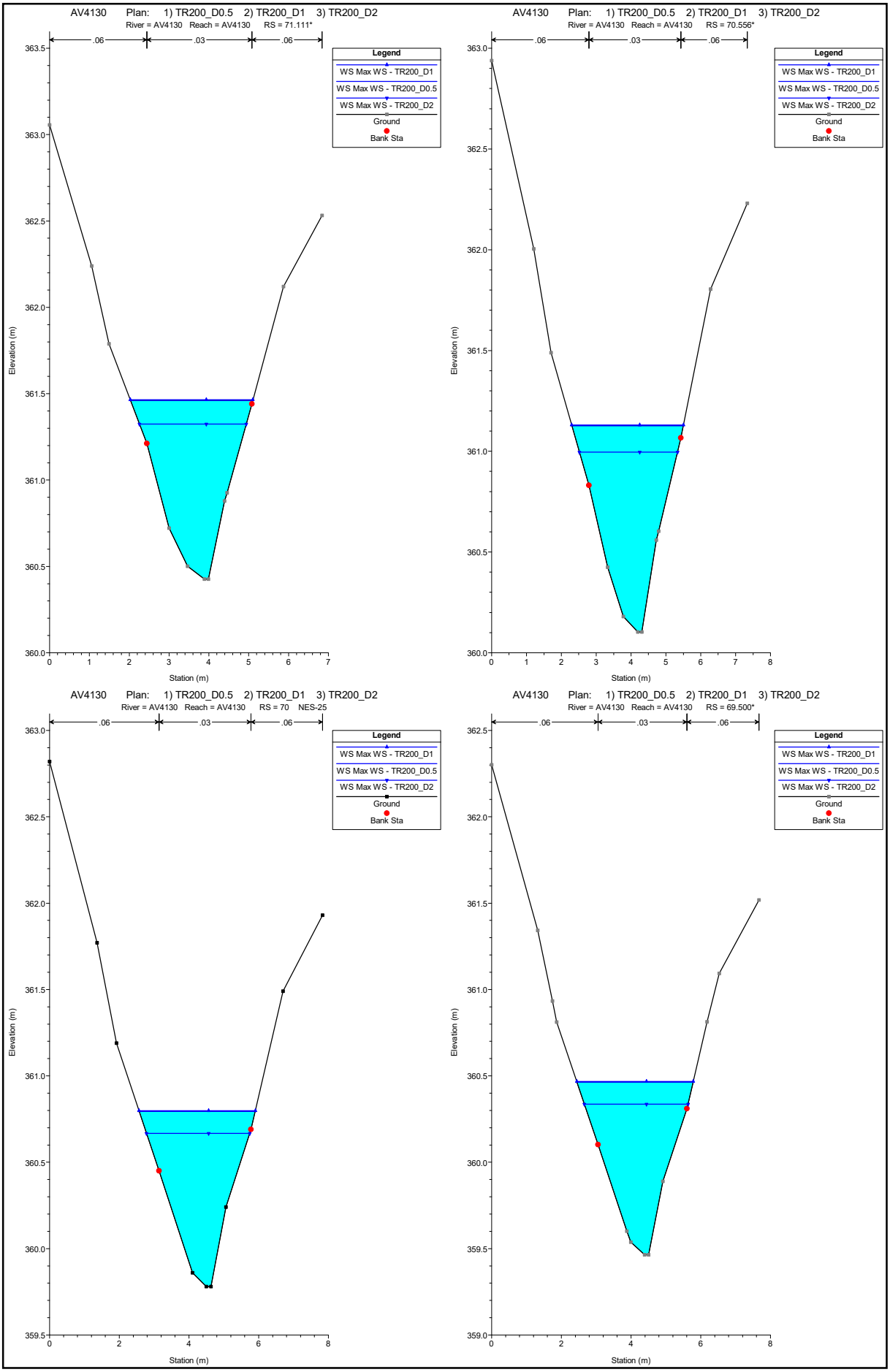

AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 92.000*
.06
.03
.06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 90 NES-29
.06
.03
.06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 88.333*
.06
.03
.06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 86.667*
.03
.06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

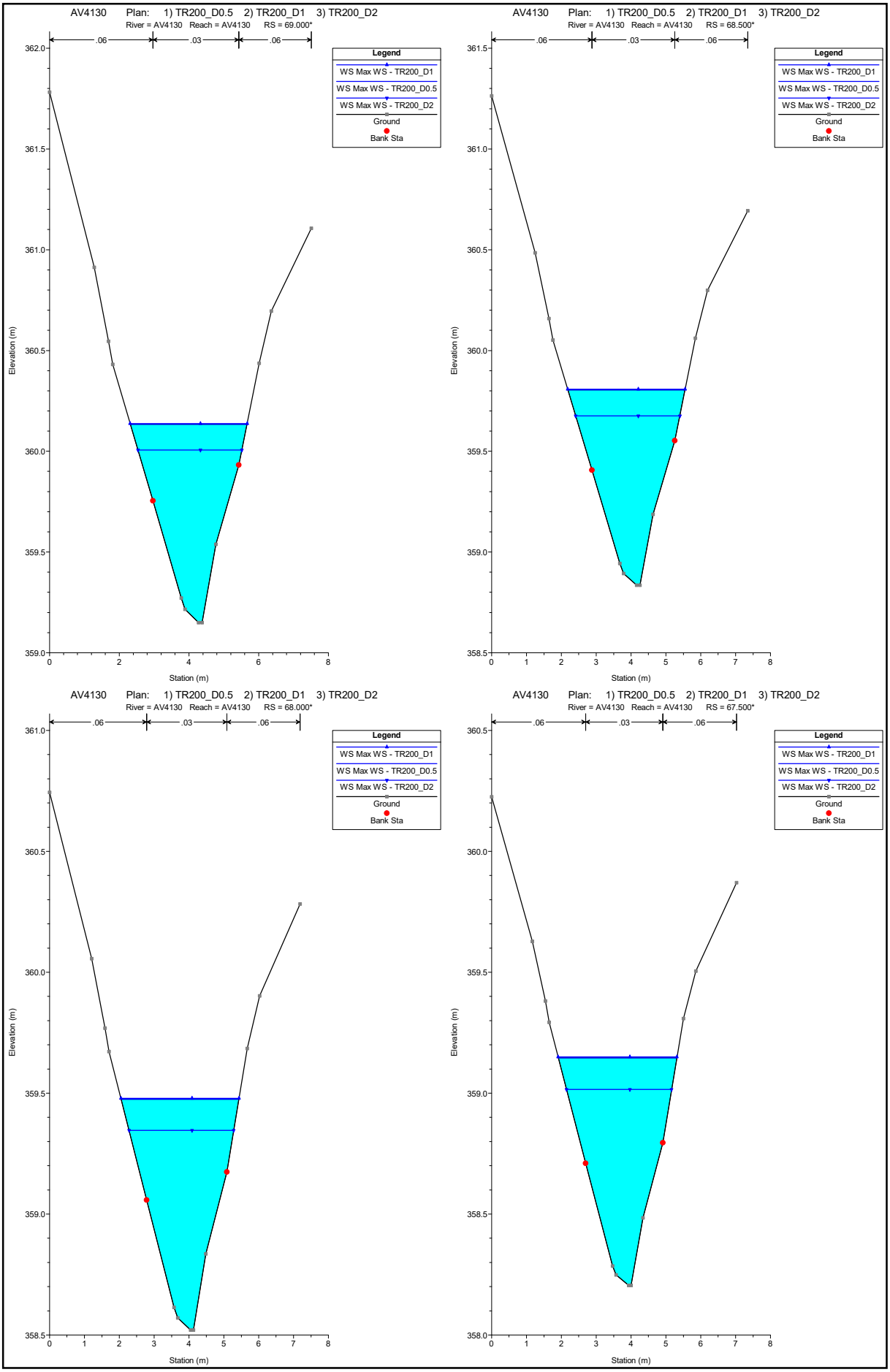

AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 85 NES-28
.03
.06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 84.000*
.06
.03
.06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 83.000*
.06
.03
.06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 82.000*
.06
.03
.06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

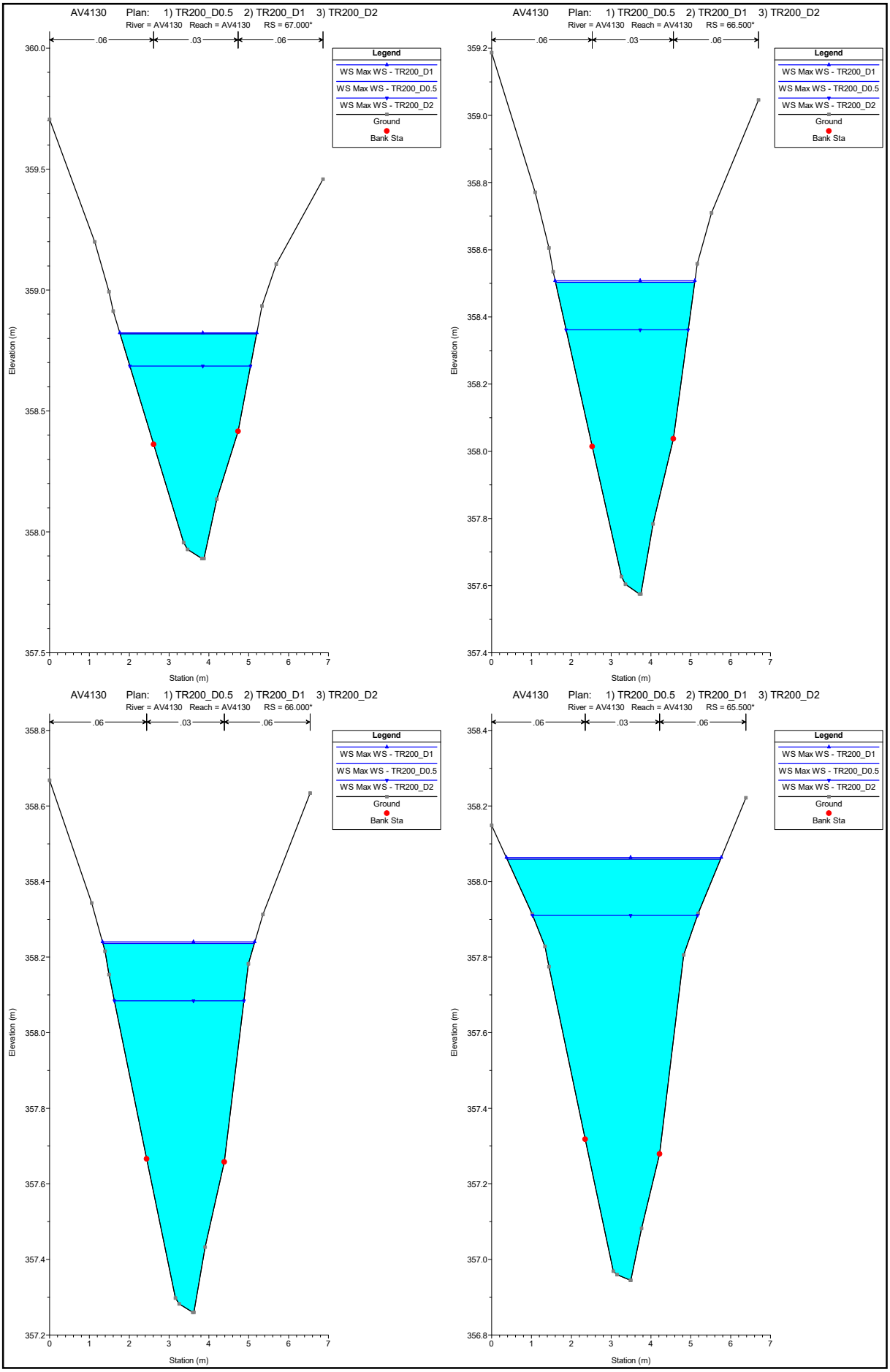

AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 81.000*
.06
.03
.06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 80 NES-27
.06
.03
.06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 78.750*
.06
.03
.06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 77.500*
.06
.03
.06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

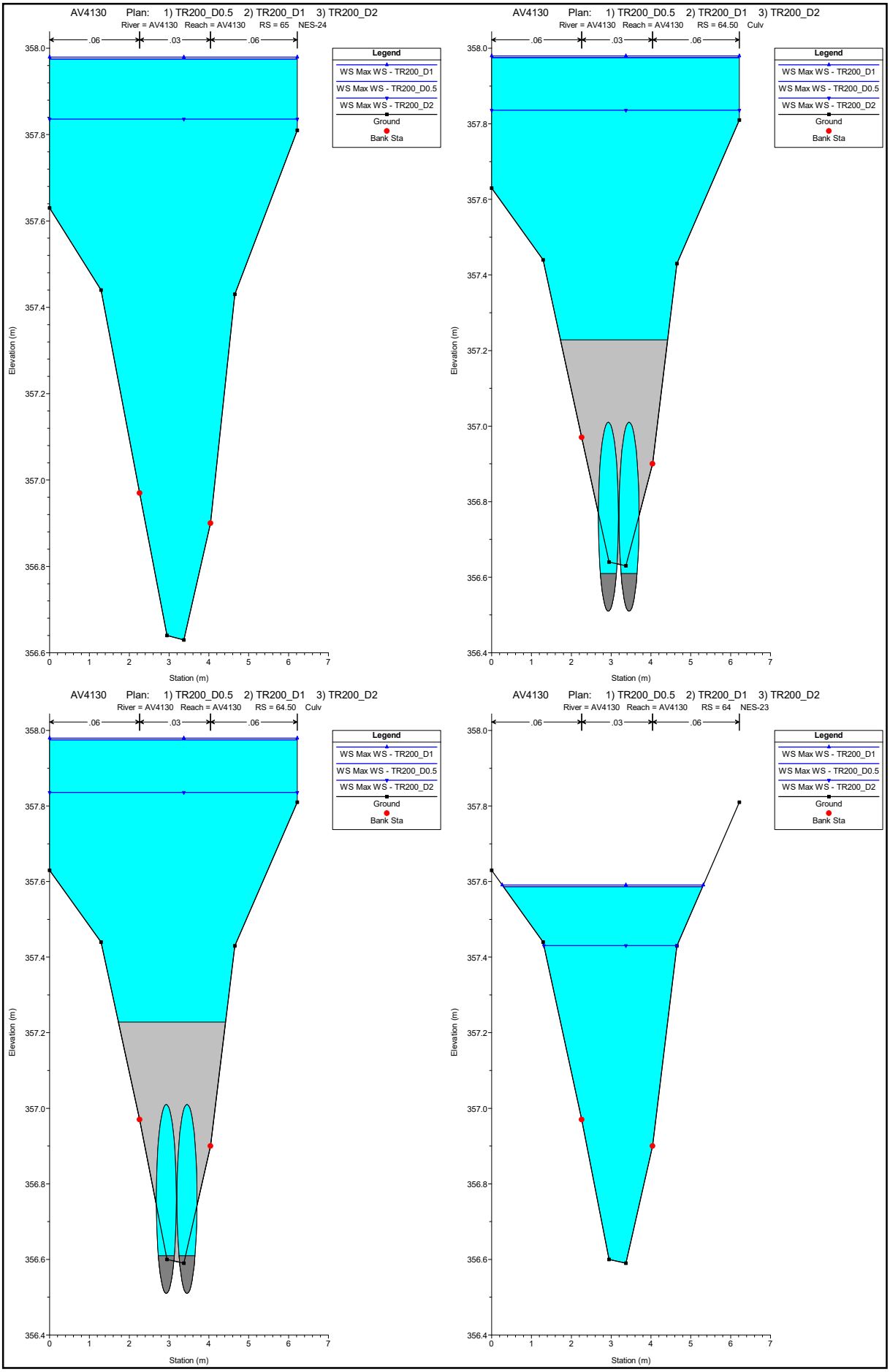

AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 76.250*
.03
.06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 75 NES-26
.03
.06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 74.444*
.06
.03
.06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 73.889*
.06
.03
.06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

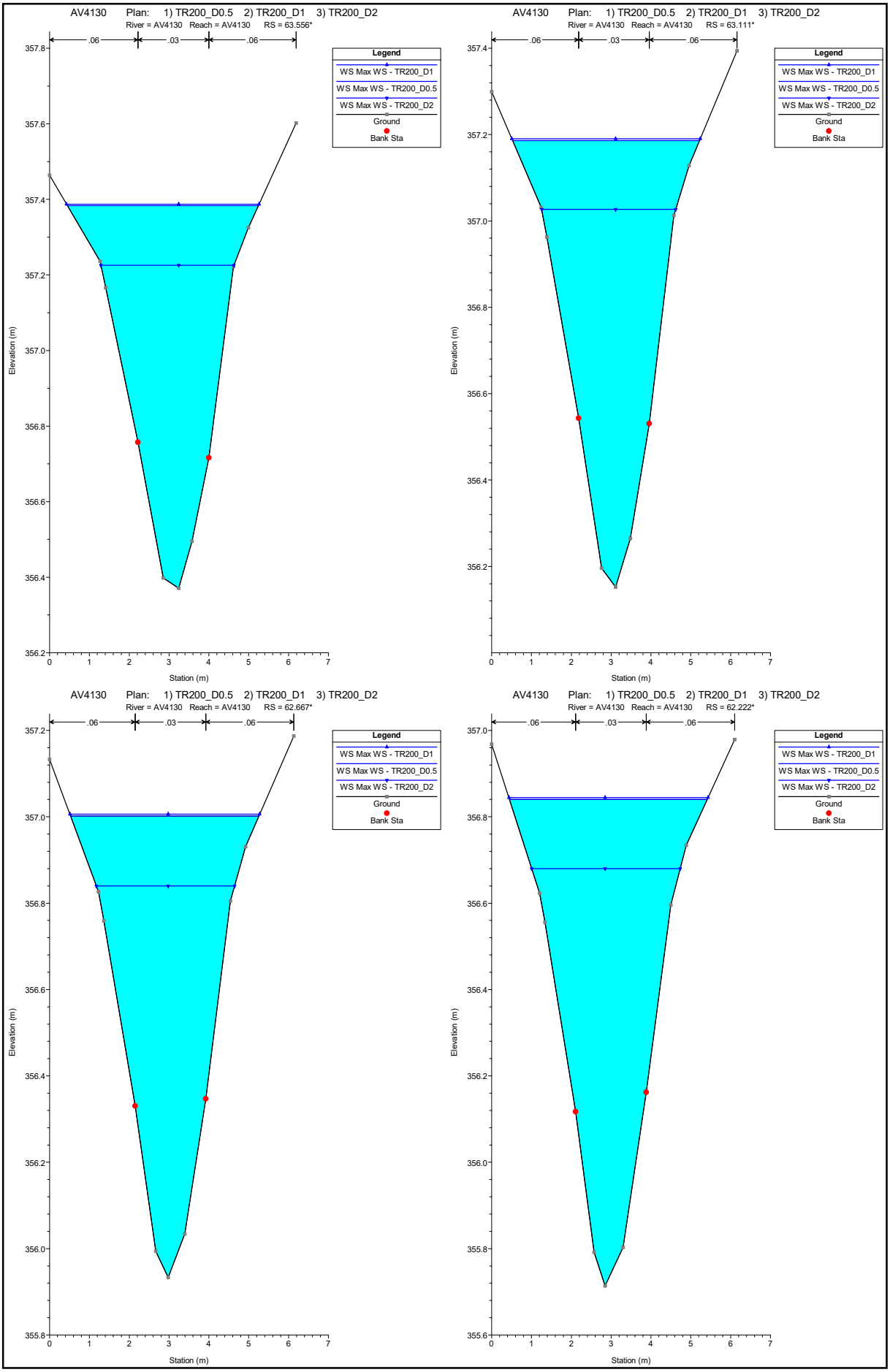

AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 73.333*
.06
.03
.06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 72.778*
.06
.03
.06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 72.222*
.06
.03
.06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 71.667*
.06
.03
.06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

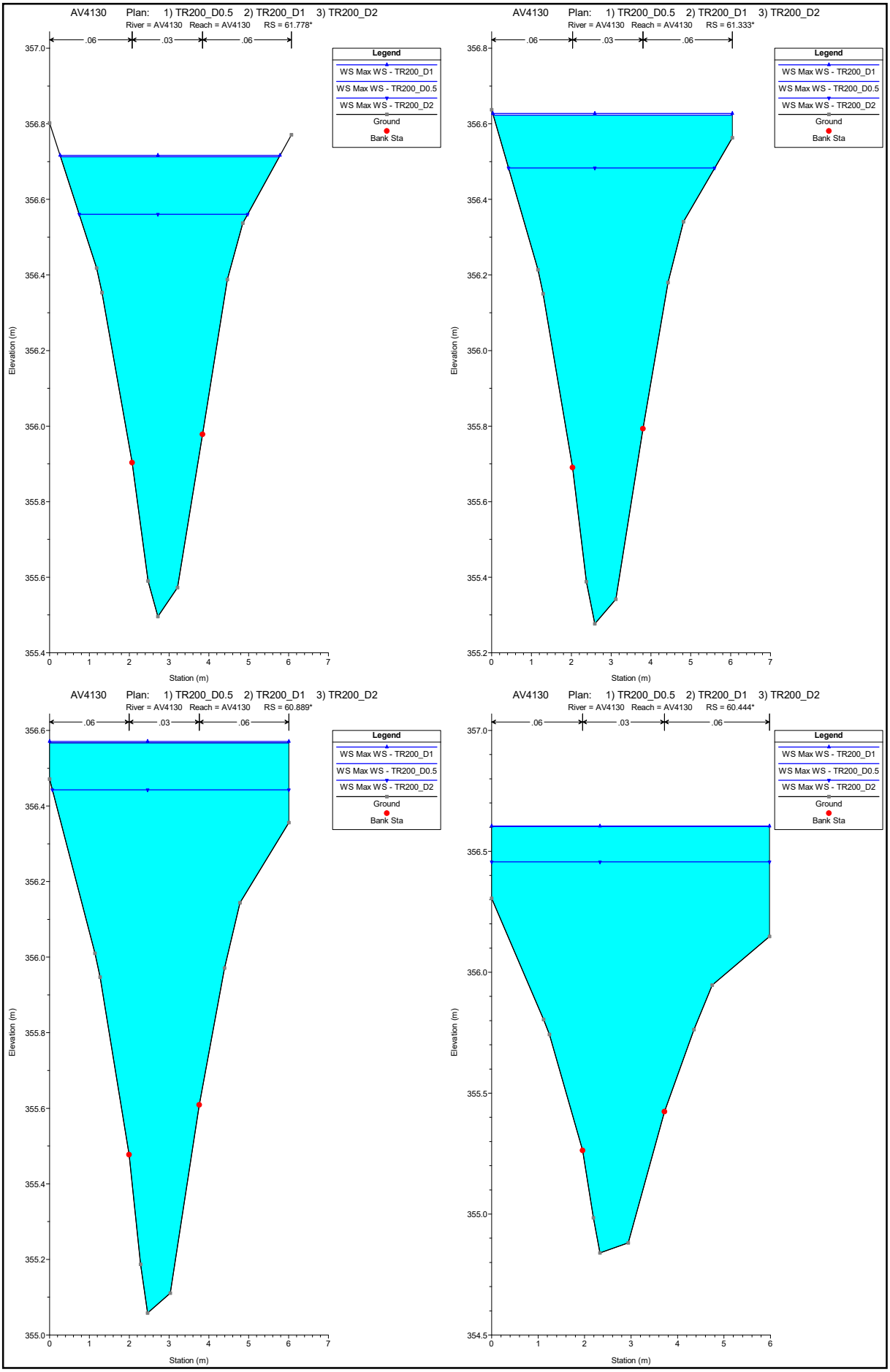

AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 71.111*
.06 .03 .06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 70.556*
.06 .03 .06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 70 NES-25
.06 .03 .06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 69.500*
.06 .03 .06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

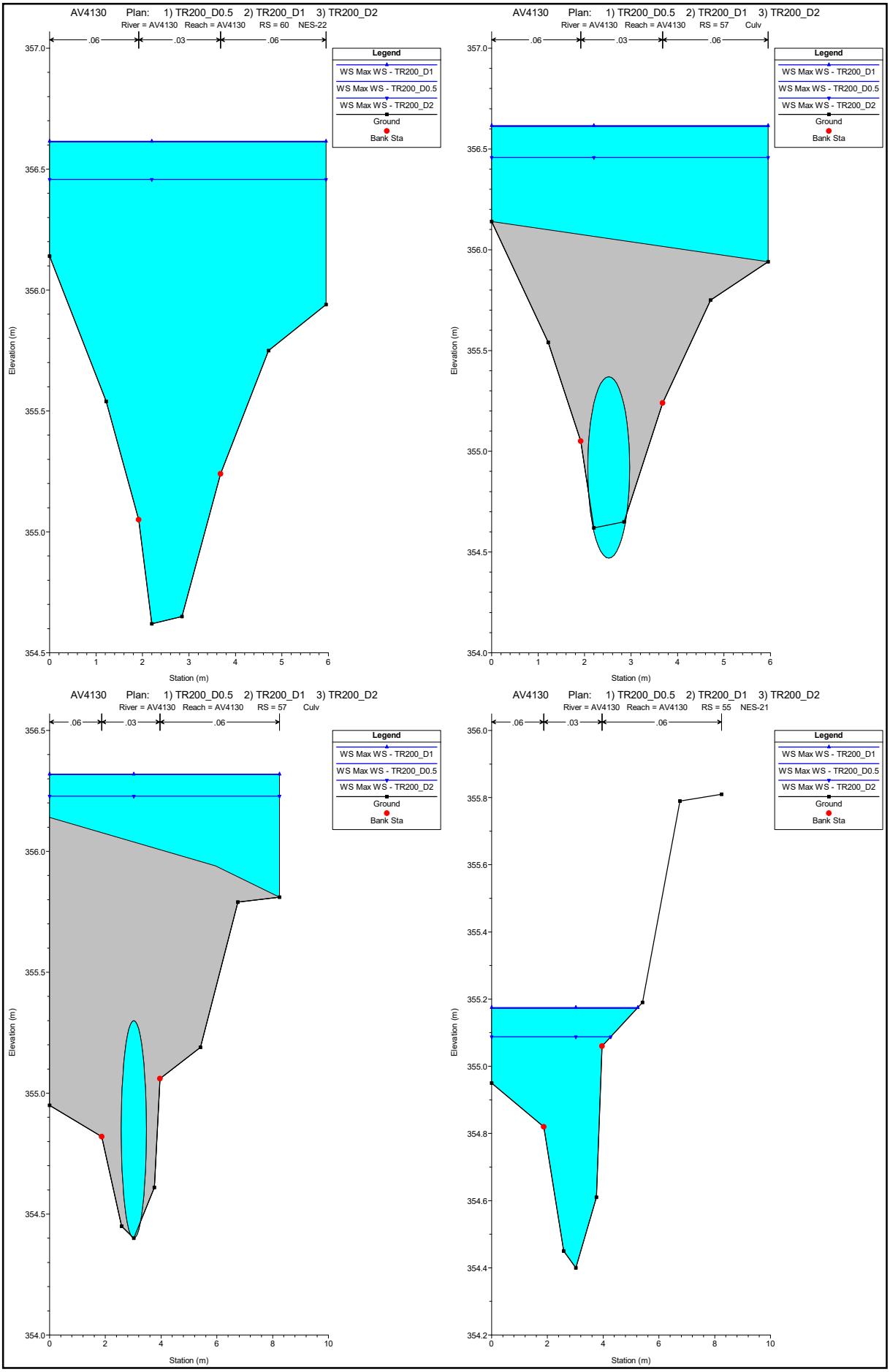

AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 69.000*
.06
.03
.06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 68.500*
.06
.03
.06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 68.000*
.06
.03
.06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 67.500*
.06
.03
.06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

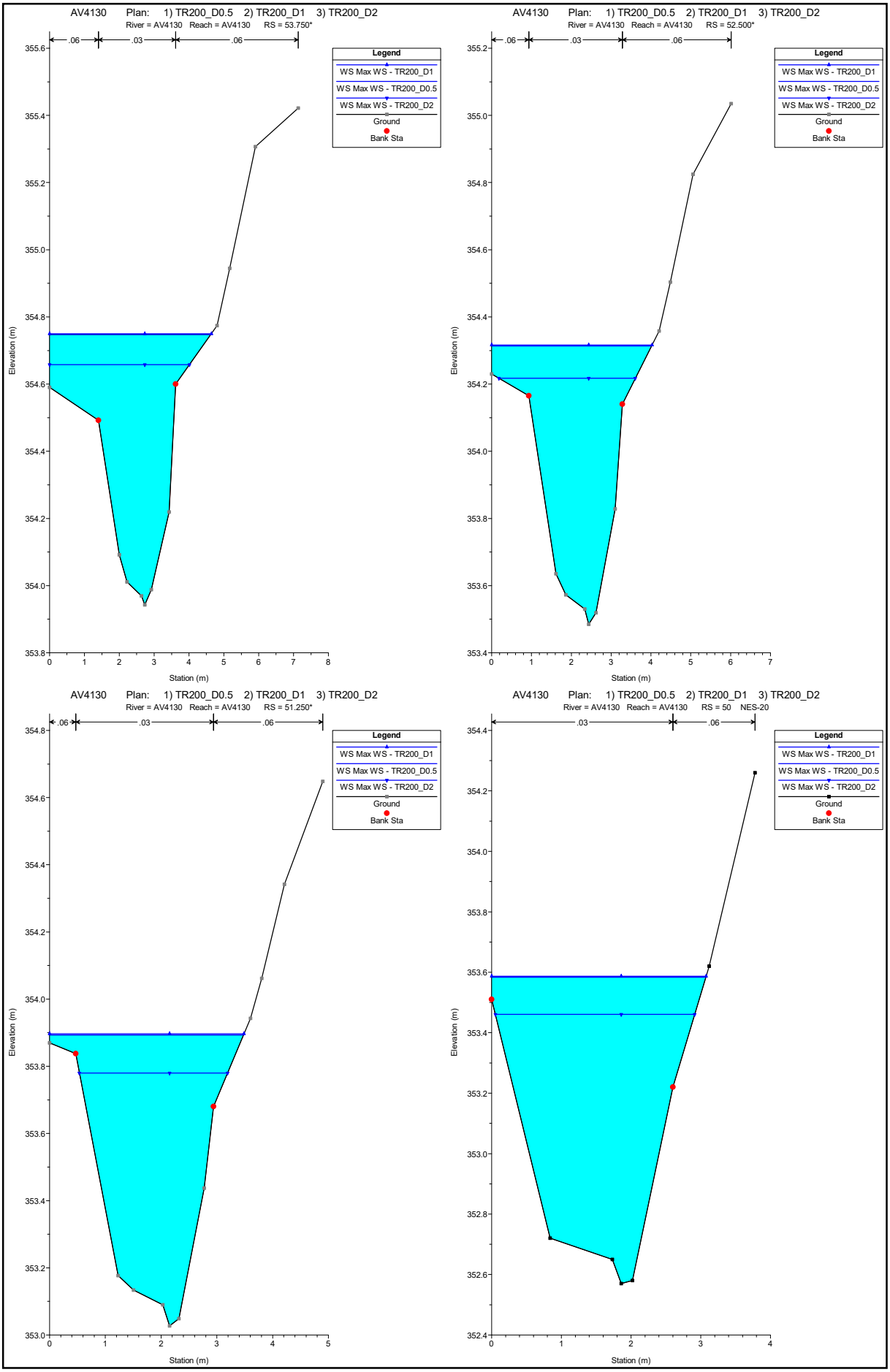

AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 67.000*
.06
.03
.06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 66.500*
.06
.03
.06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 66.000*
.06
.03
.06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 65.500*
.06
.03
.06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

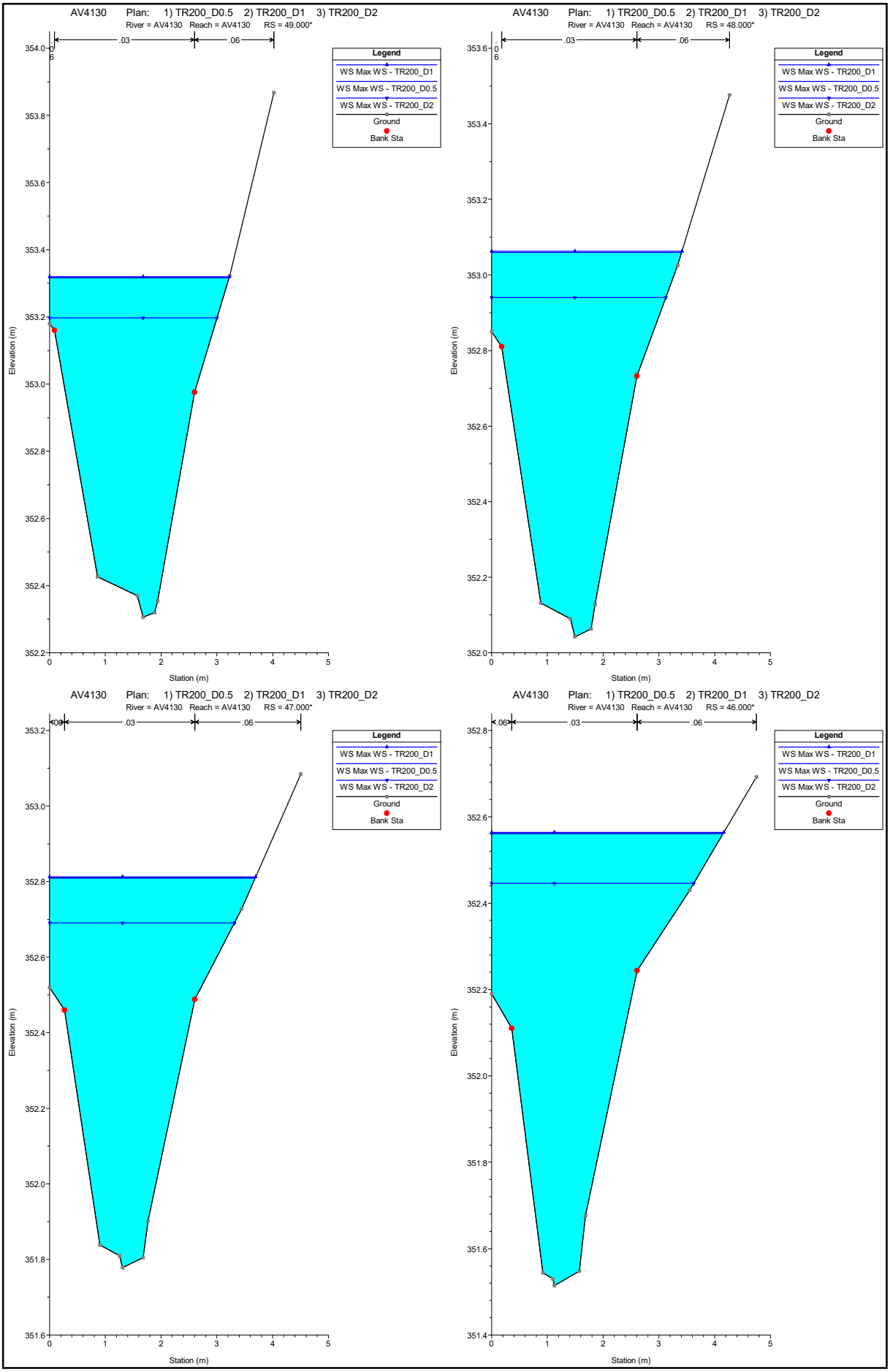

AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 65 NES-24
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 64.50 Culv
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 64.50 Culv
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 64 NES-23
.06
.03
.06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

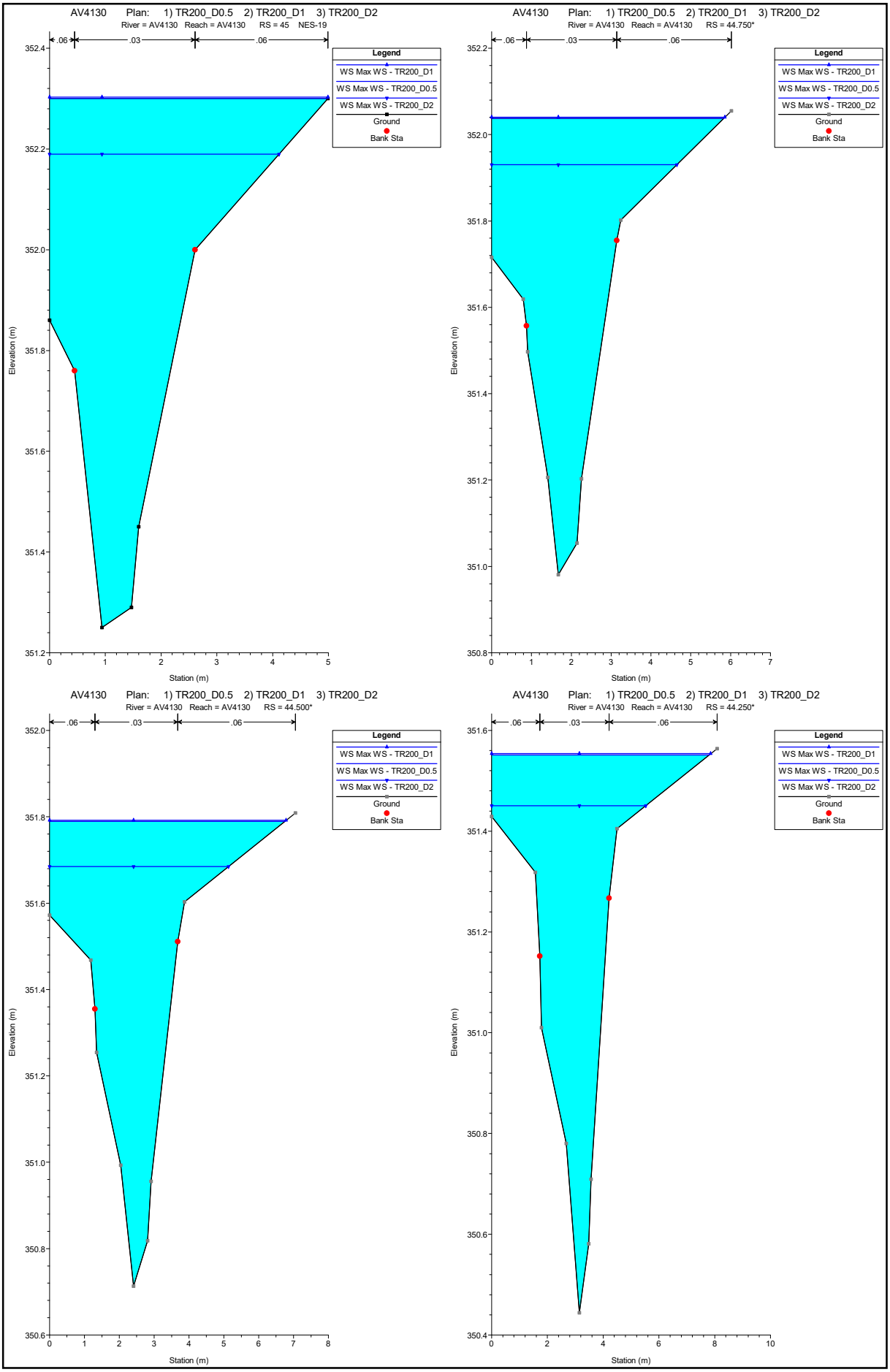

AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 63.556*
.06 .03 .06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 63.111*
.06 .03 .06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 62.667*
.06 .03 .06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 62.222*
.06 .03 .06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

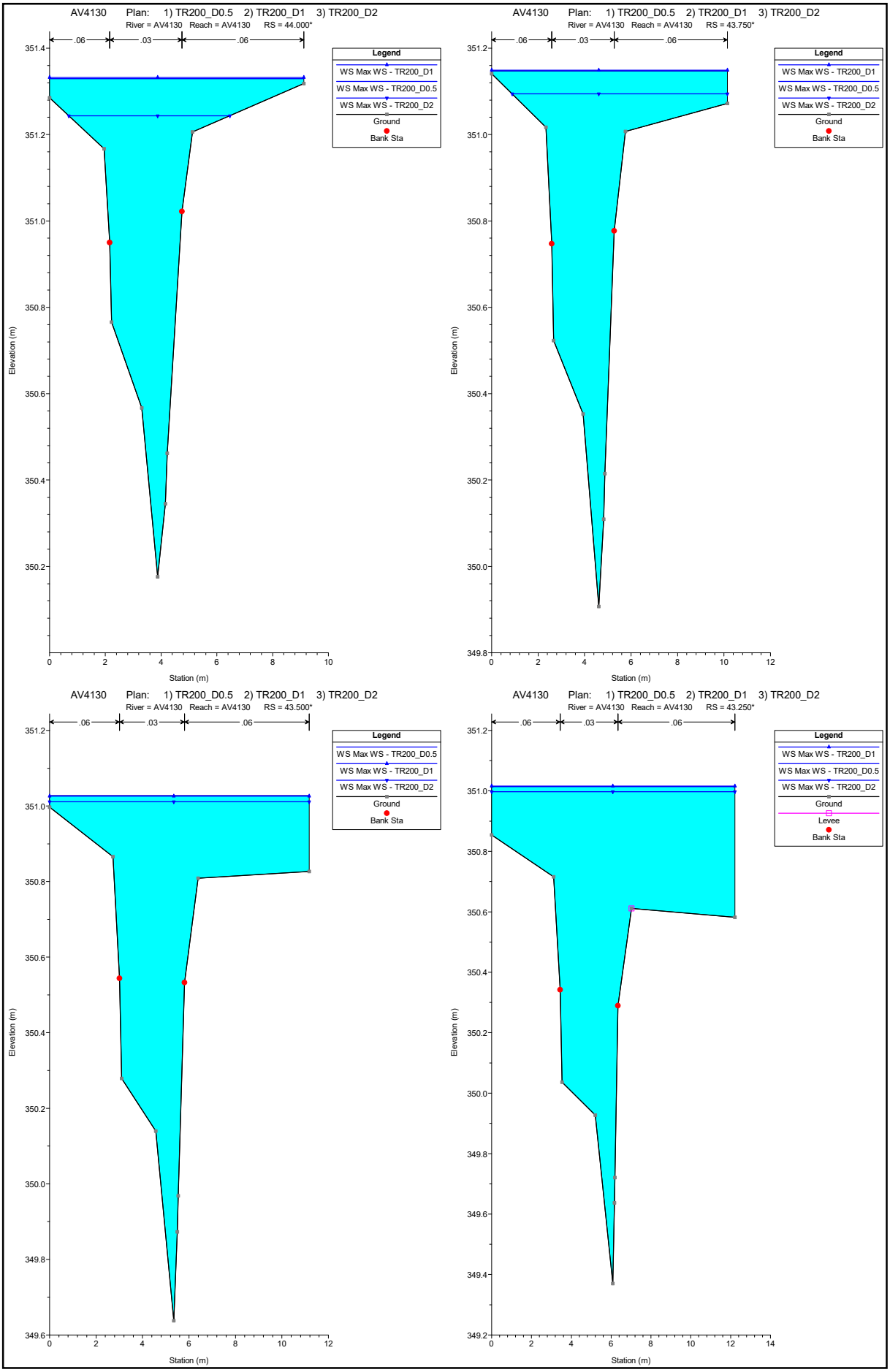

AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 61.778*
.06 .03 .06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 61.333*
.06 .03 .06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 60.889*
.06 .03 .06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 60.444*
.06 .03 .06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

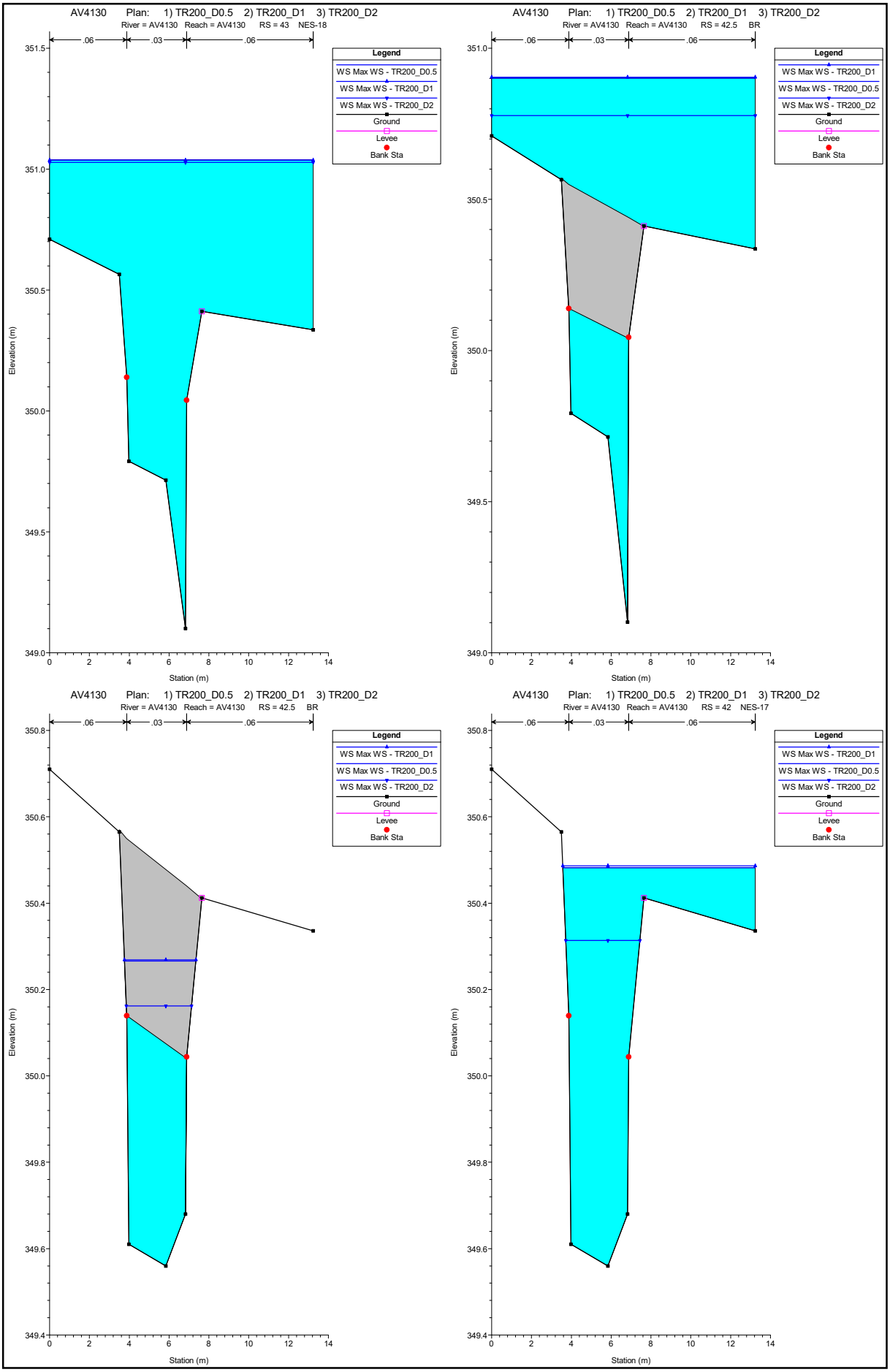

AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 60 NES-22
.06
.03
.06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 57 Culv
.06
.03
.06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 57 Culv
.06
.03
.06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 55 NES-21
.06
.03
.06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

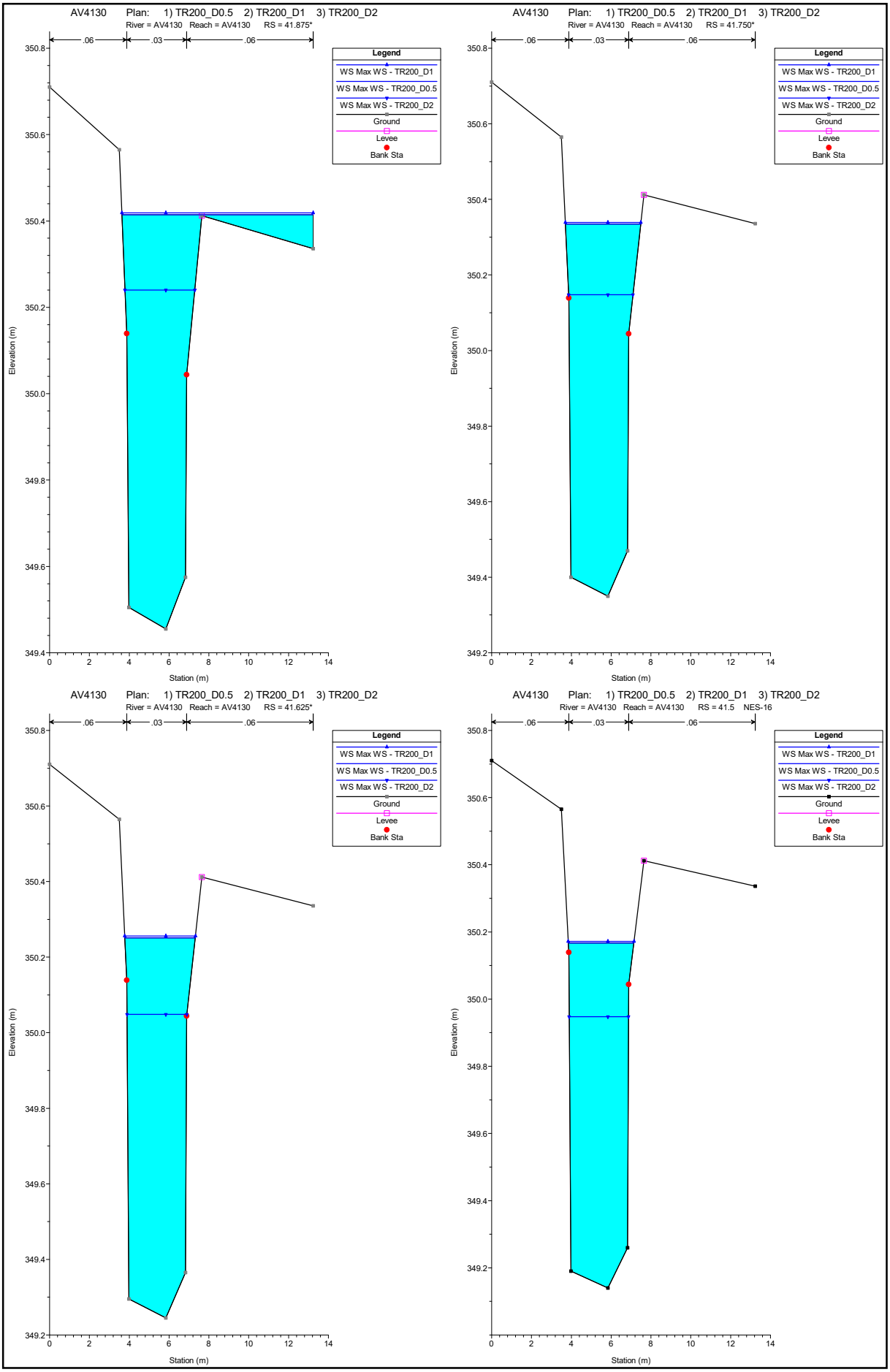

AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 53.750*
.06
.03
.06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 52.500*
.06
.03
.06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 51.250*
.06
.03
.06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 50 NES-20
.03
.06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

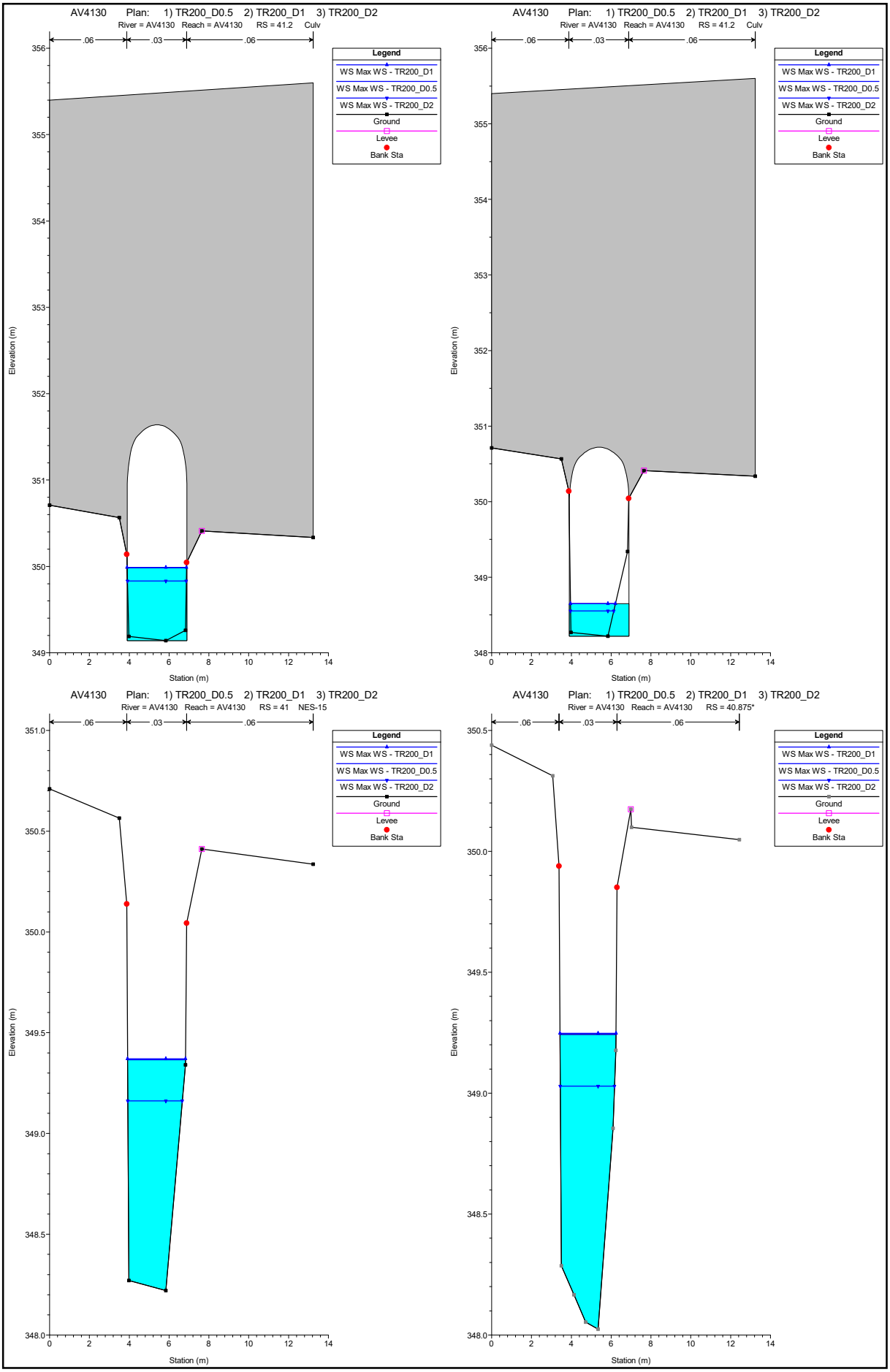

AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 49.000*
.03
.06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 48.000*
.03
.06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 47.000*
.03
.06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 46.000*
.03
.06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

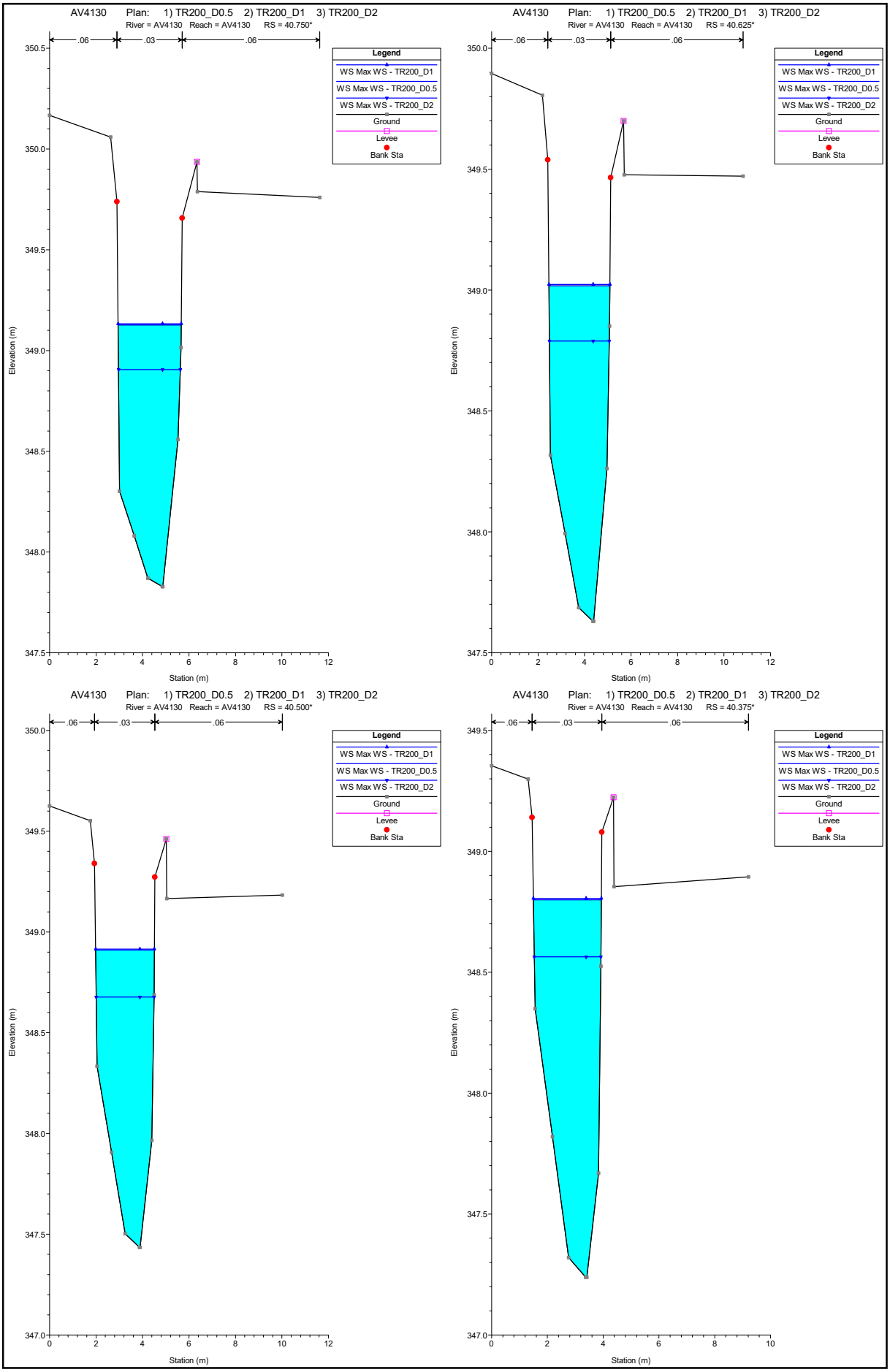

AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 45 NES-19
.06 .03 .06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 44.750*
.06 .03 .06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 44.500*
.06 .03 .06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 44.250*
.06 .03 .06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

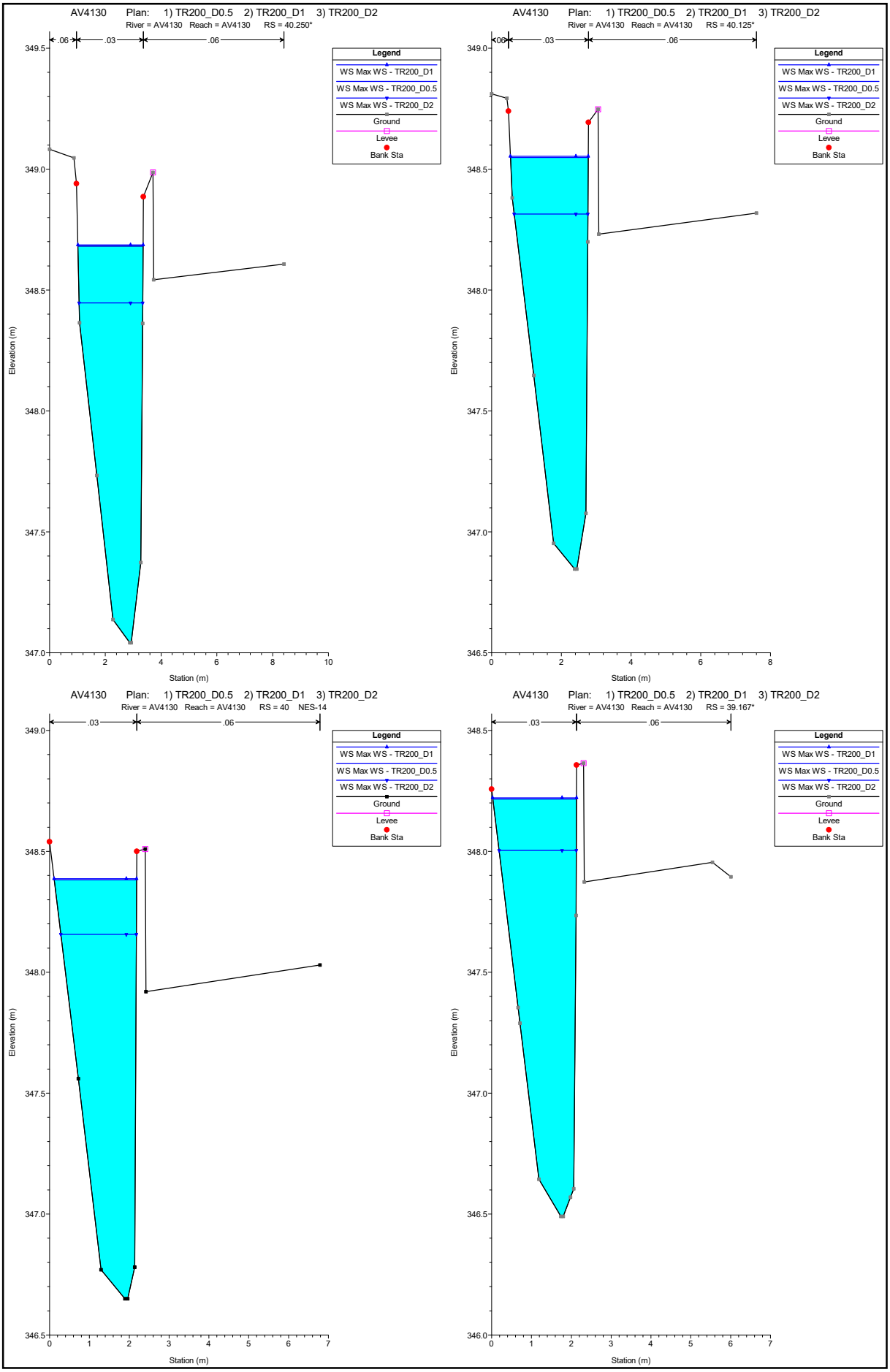

AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 44.000*
.06 .03 .06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 43.750*
.06 .03 .06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 43.500*
.06 .03 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 43.250*
.06 .03 .06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)

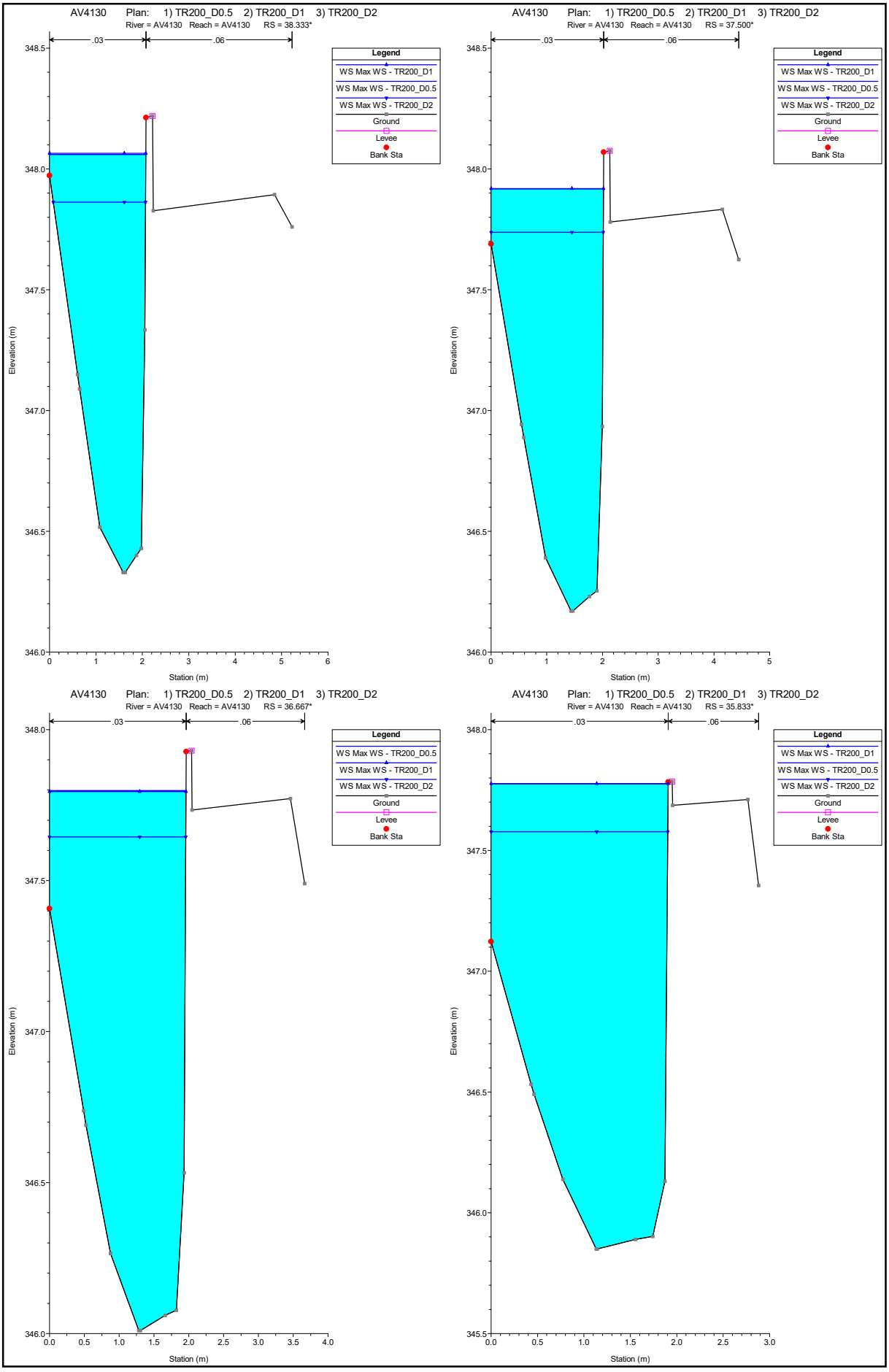

AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 43 NES-18
.06 .03 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 42.5 BR
.06 .03 .06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 42.5 BR
.06 .03 .06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 42 NES-17
.06 .03 .06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)

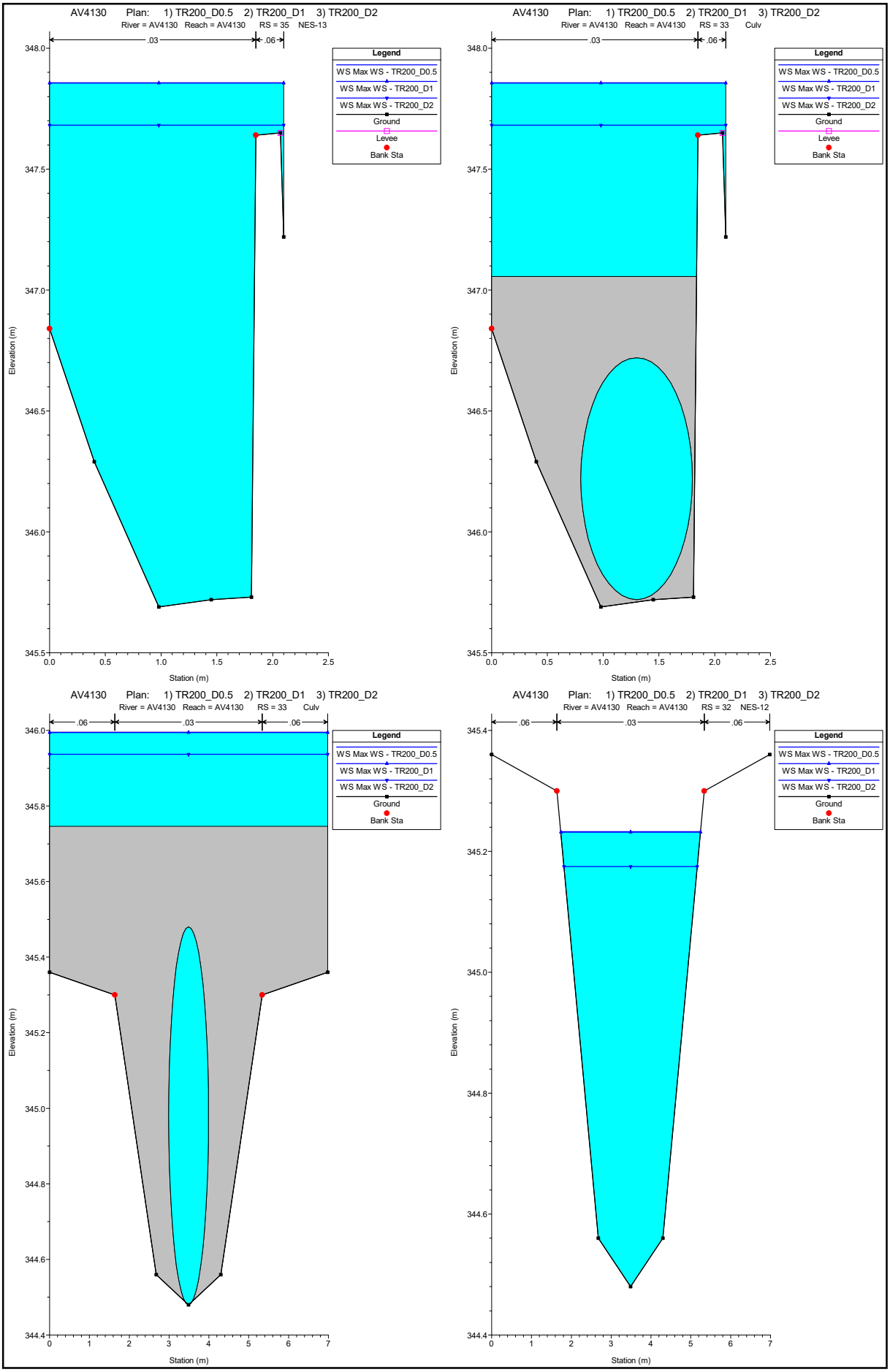

AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 41.875*
.06
.03
.06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 41.750*
.06
.03
.06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 41.625*
.06
.03
.06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 41.5 NES-16
.06
.03
.06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)

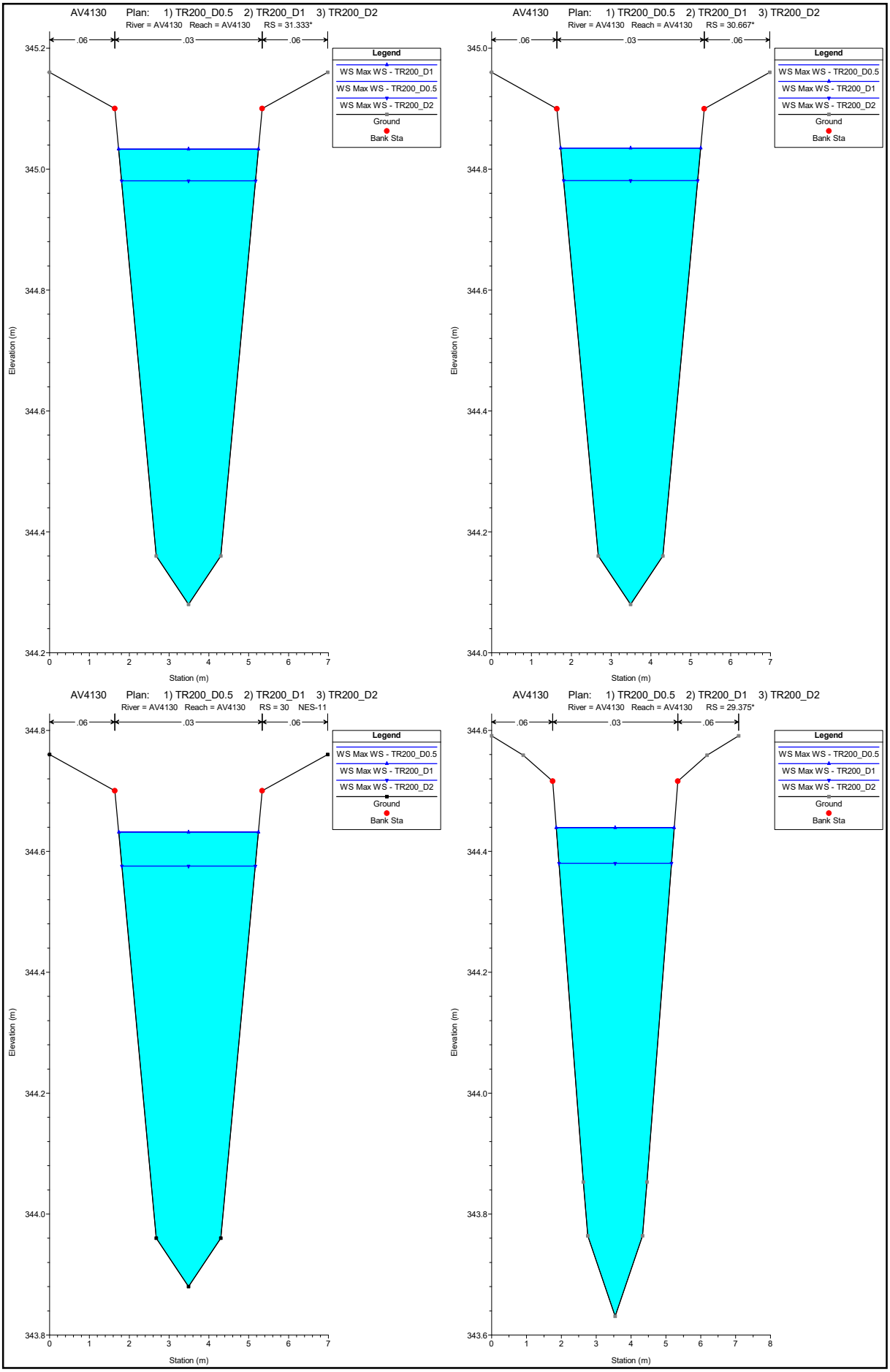

AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 41.2 Culv
.06 .03 .06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 41.2 Culv
.06 .03 .06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 41 NES-15
.06 .03 .06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 40.875*
.06 .03 .06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)

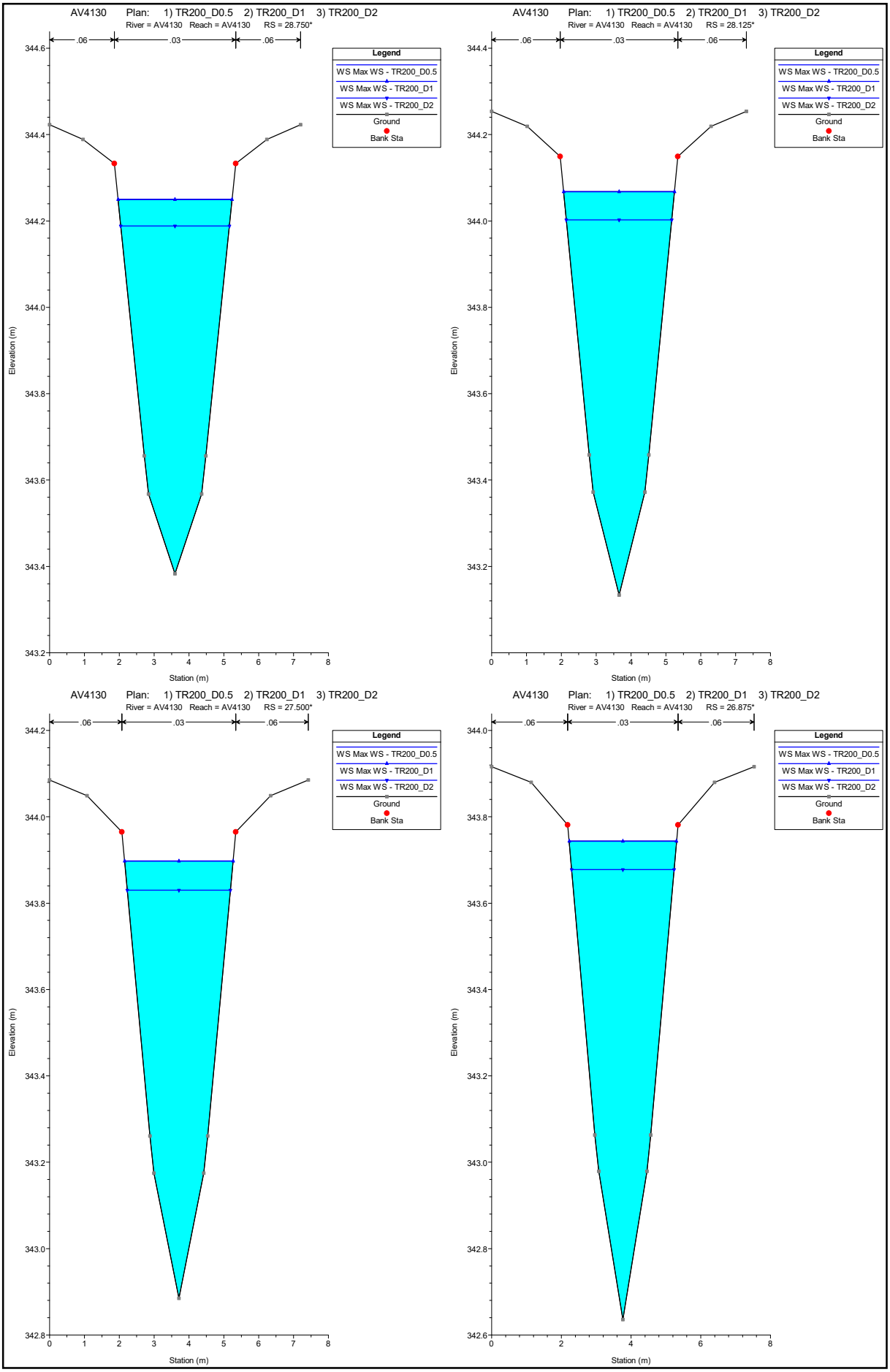

AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 40.750*
.06 .03 .06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 40.625*
.06 .03 .06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 40.500*
.06 .03 .06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 40.375*
.06 .03 .06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)

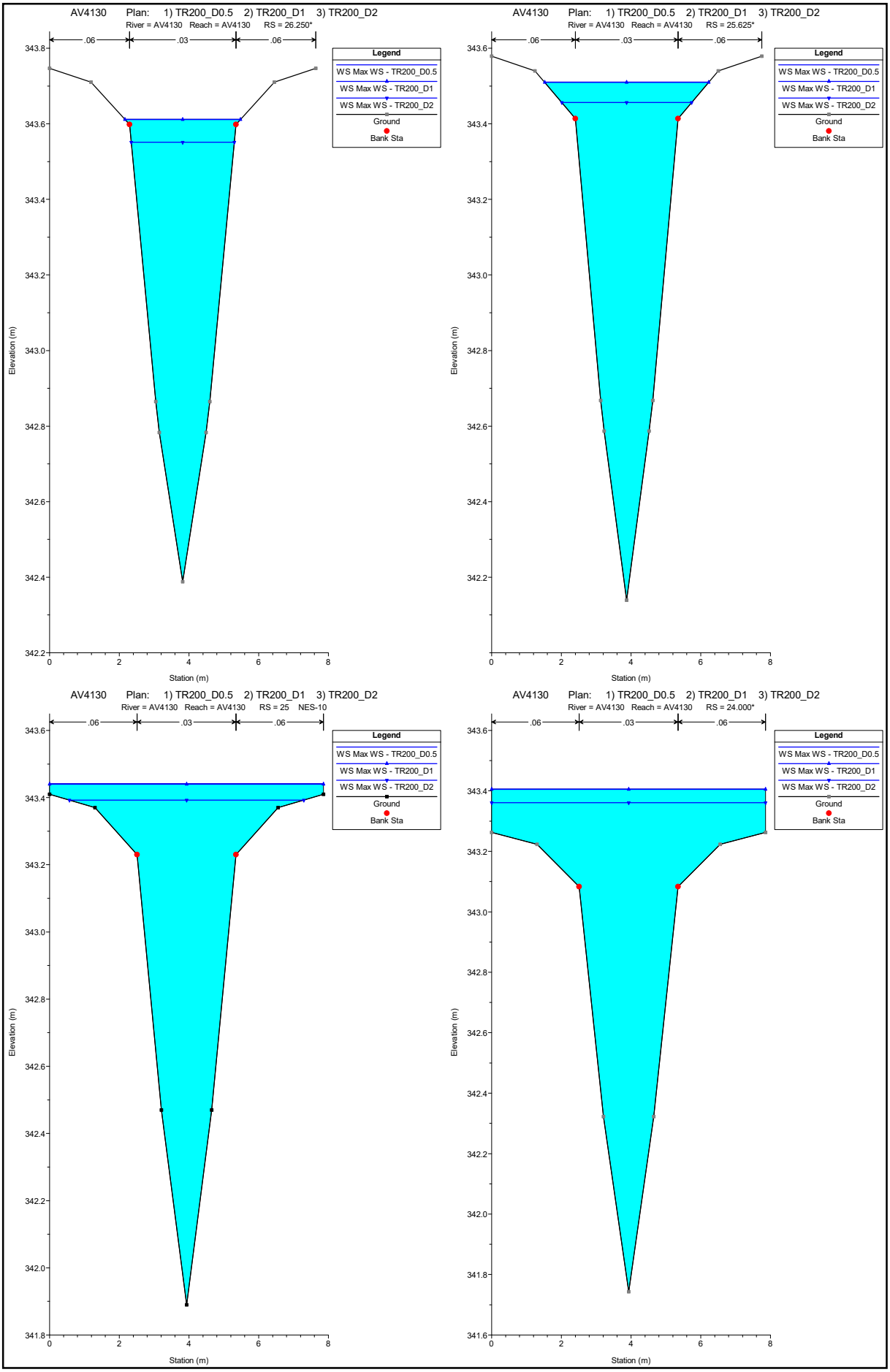

AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 40.250*
.06 .03 .06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 40.125*
.06 .03 .06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 40 NES-14
.03 .06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 39.167*
.03 .06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)

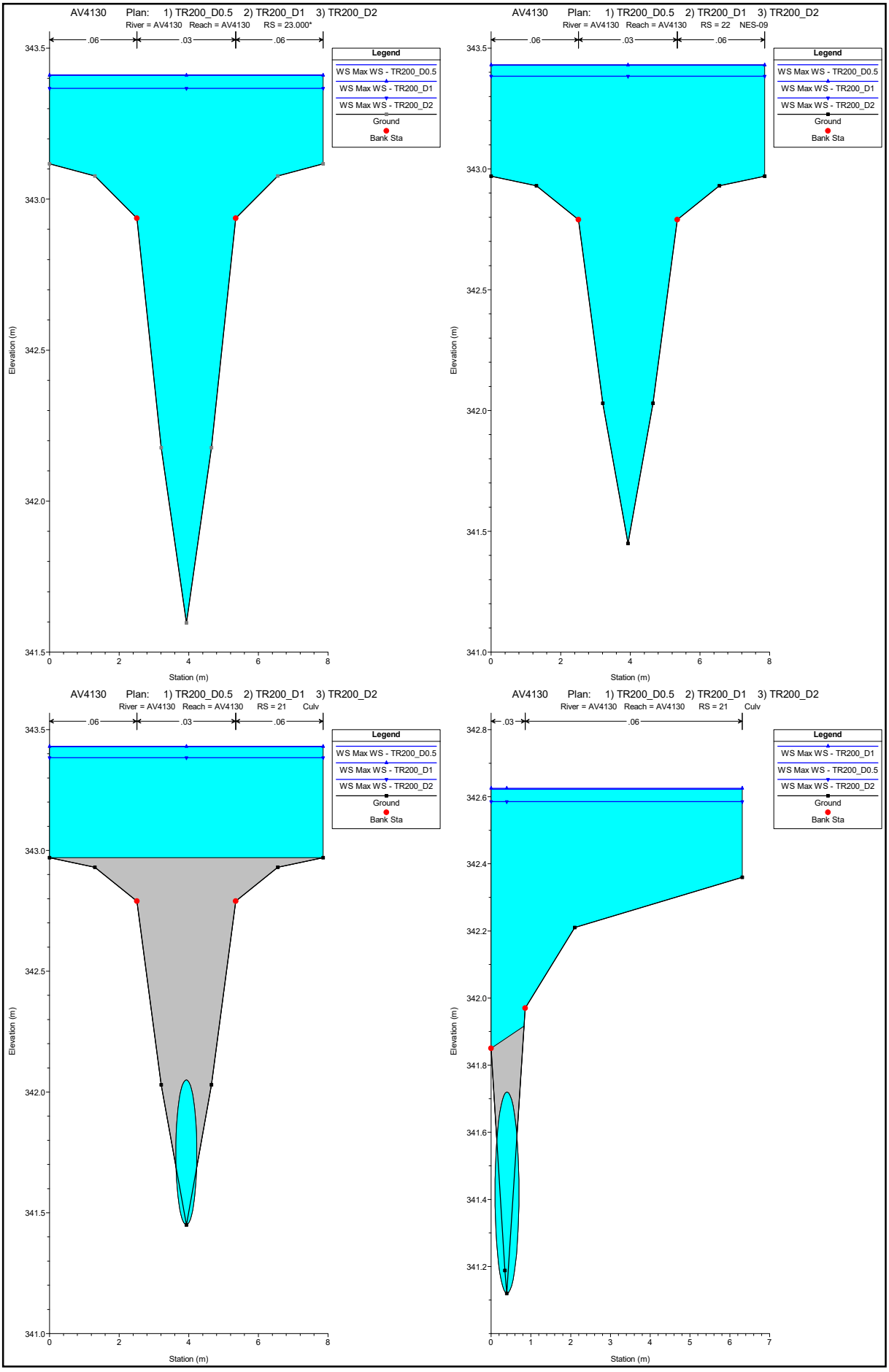

AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 38.333*
.03
.06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 37.500*
.03
.06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 36.667*
.03
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 35.833*
.03
.06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)

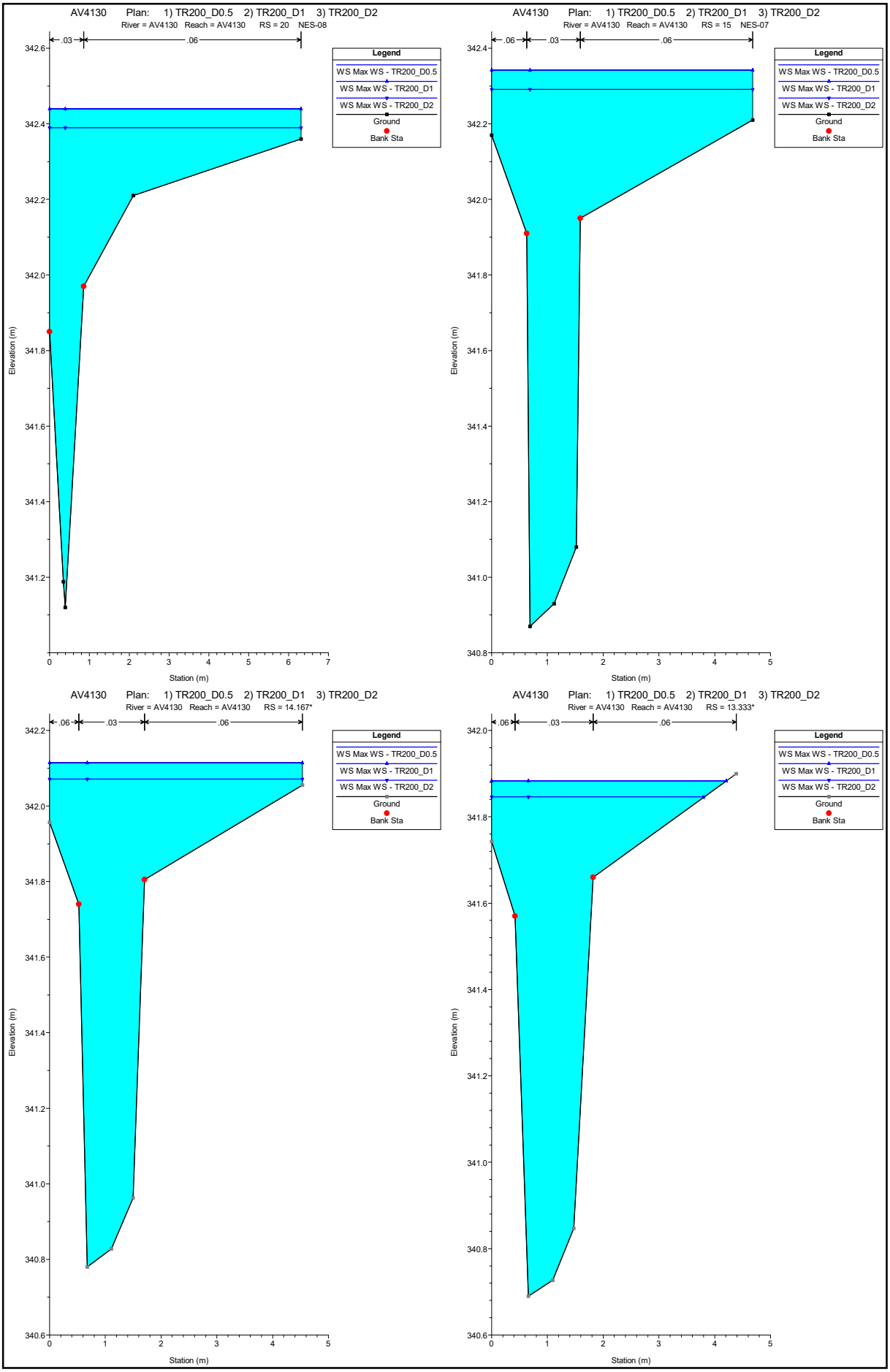

AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 35 NES-13
.03
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 33 Culv
.03
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 33 Culv
.06
.03
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 32 NES-12
.06
.03
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

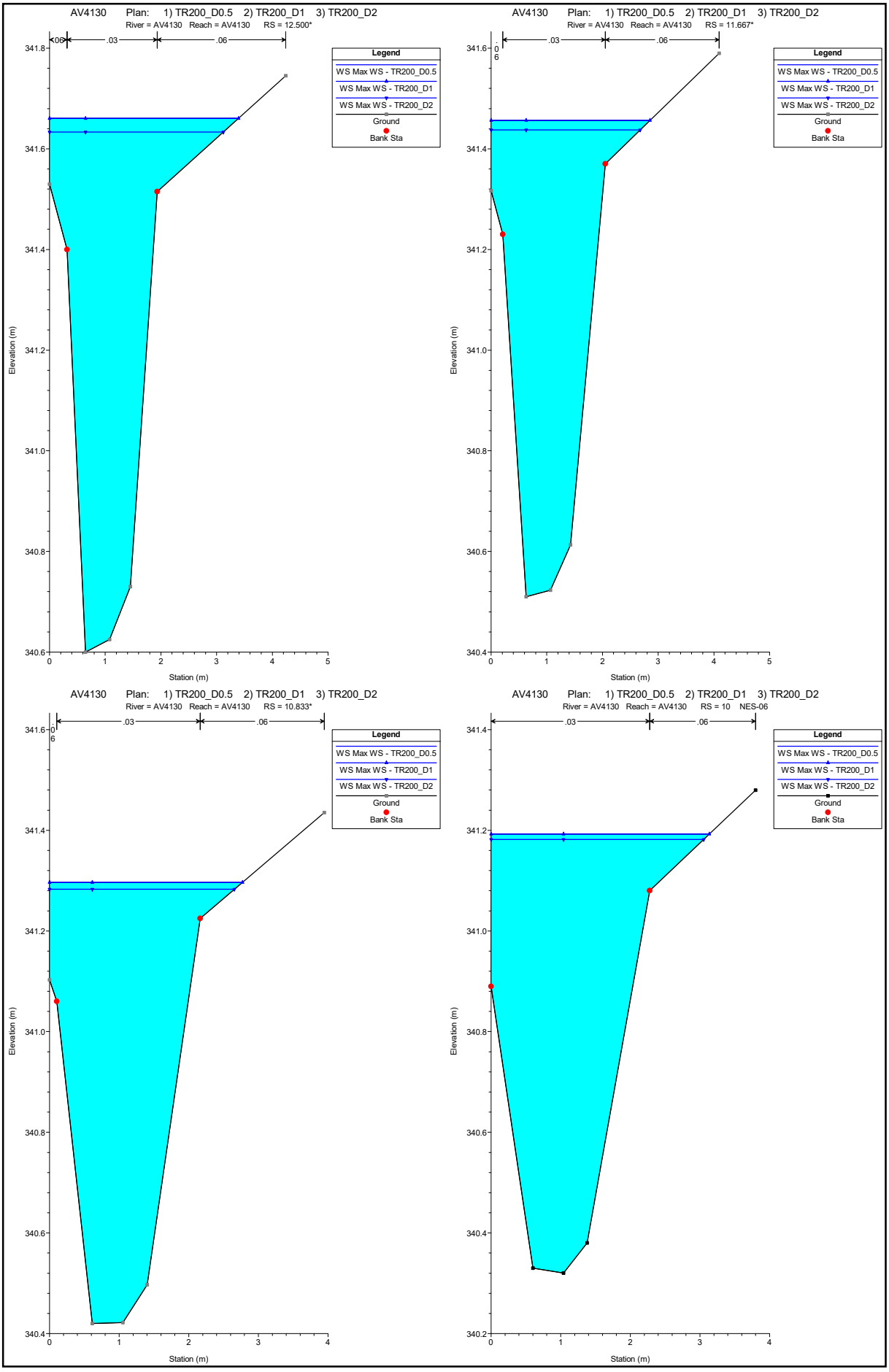

AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 31.333*
.06
.03
.06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 30.667*
.06
.03
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 30 NES-11
.06
.03
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 29.375*
.06
.03
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

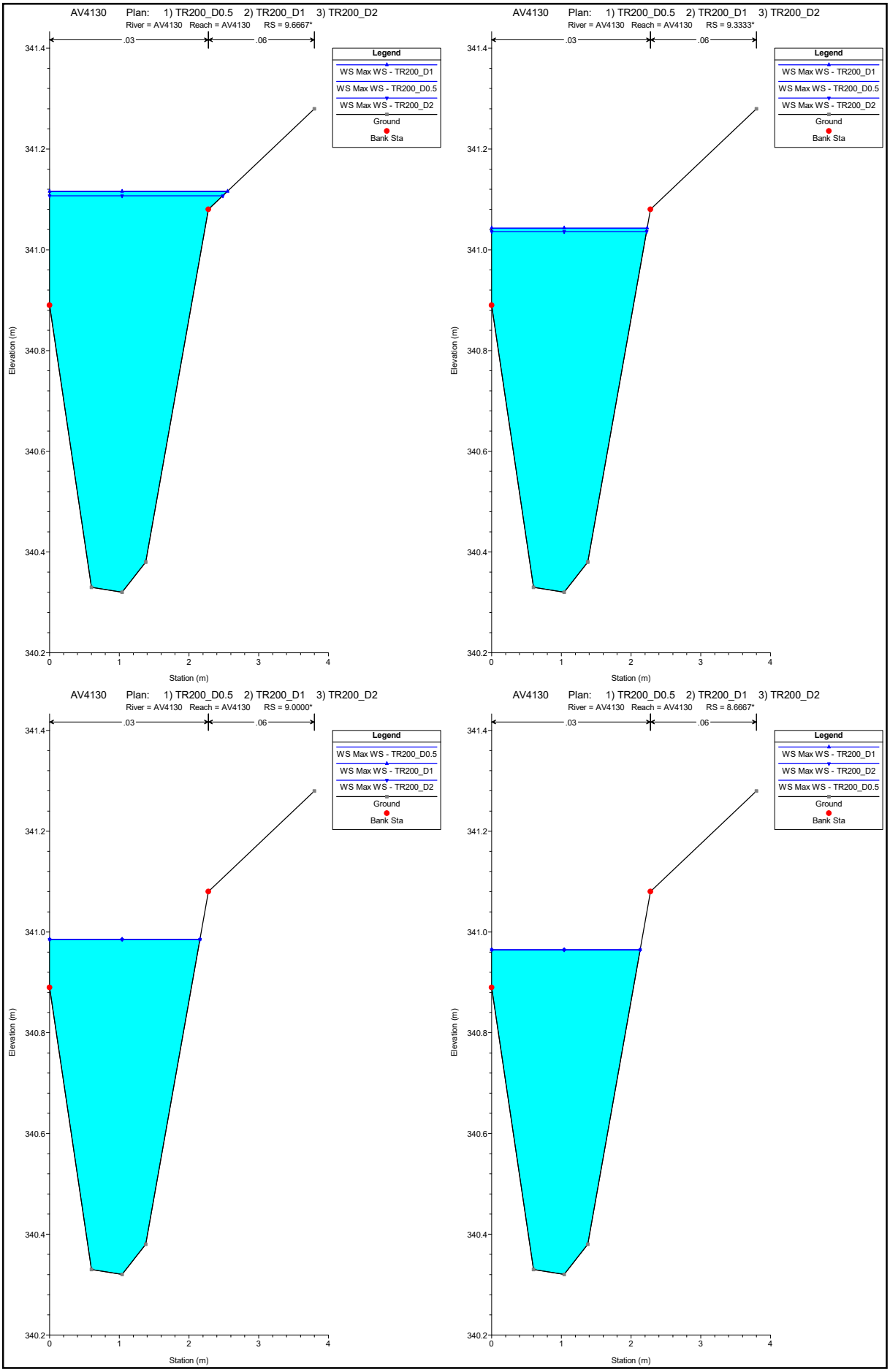

AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 28.750*
.06
.03
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 28.125*
.06
.03
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 27.500*
.06
.03
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 26.875*
.06
.03
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

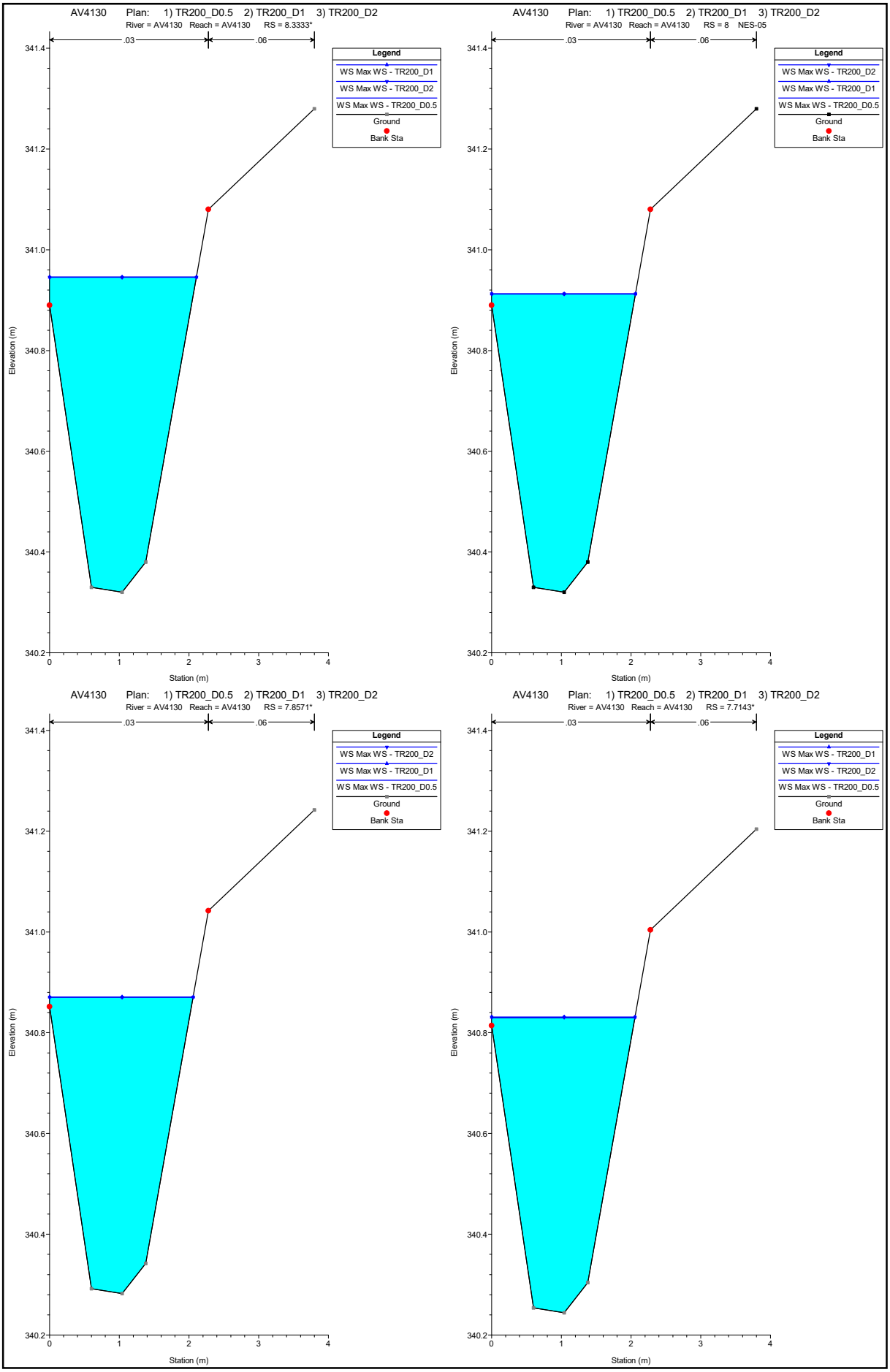

AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 26.250*
.06 .03 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 25.625*
.06 .03 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 25 NES-10
.06 .03 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 24.000*
.06 .03 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

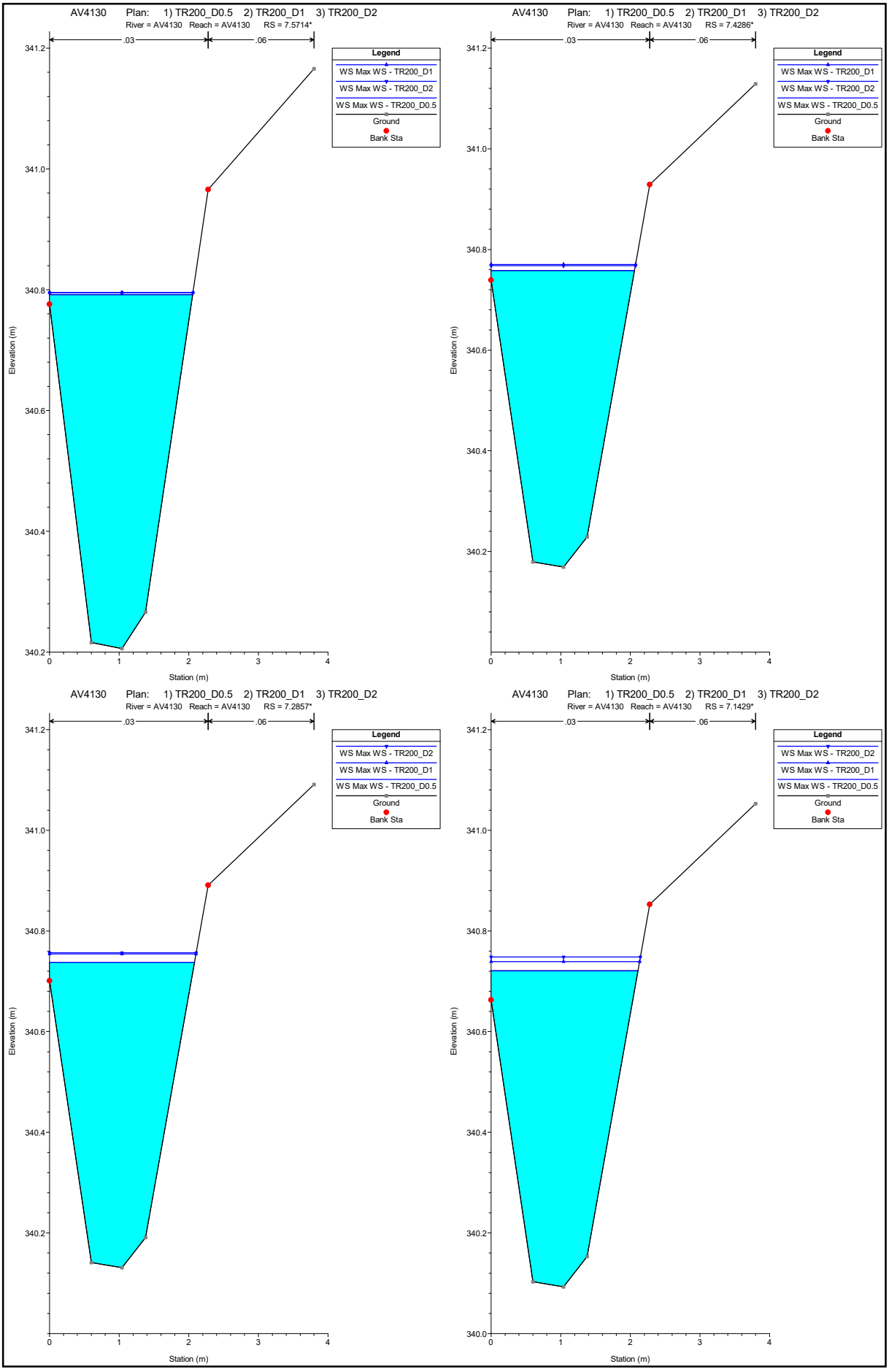

AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 23.000*
.06 .03 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 22 NES-09
.06 .03 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 21 Culv
.06 .03 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 21 Culv
.03 .06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

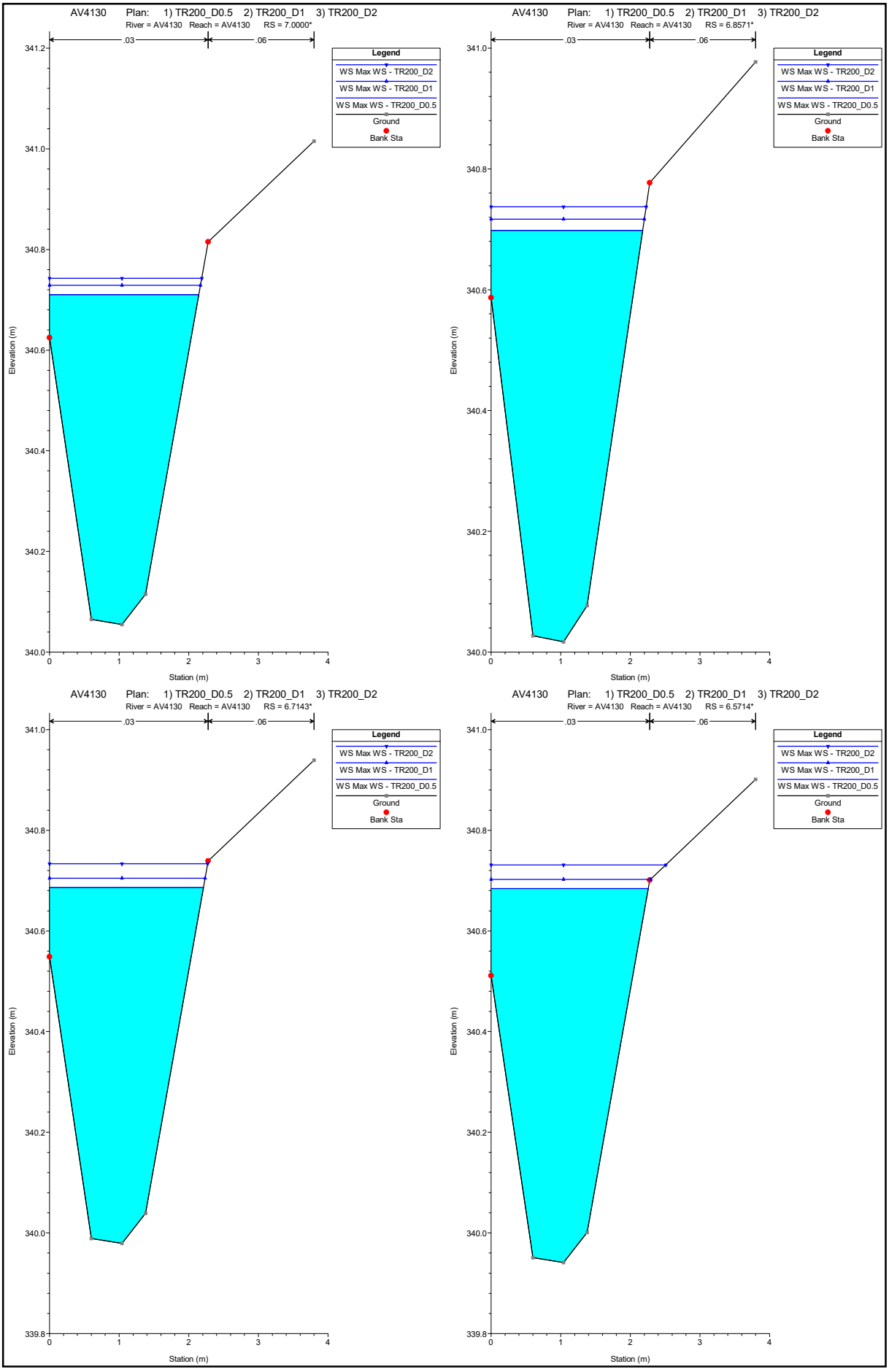

AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 20 NES-08
.03
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 15 NES-07
.06
.03
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 14.167*
.06
.03
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 13.333*
.06
.03
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

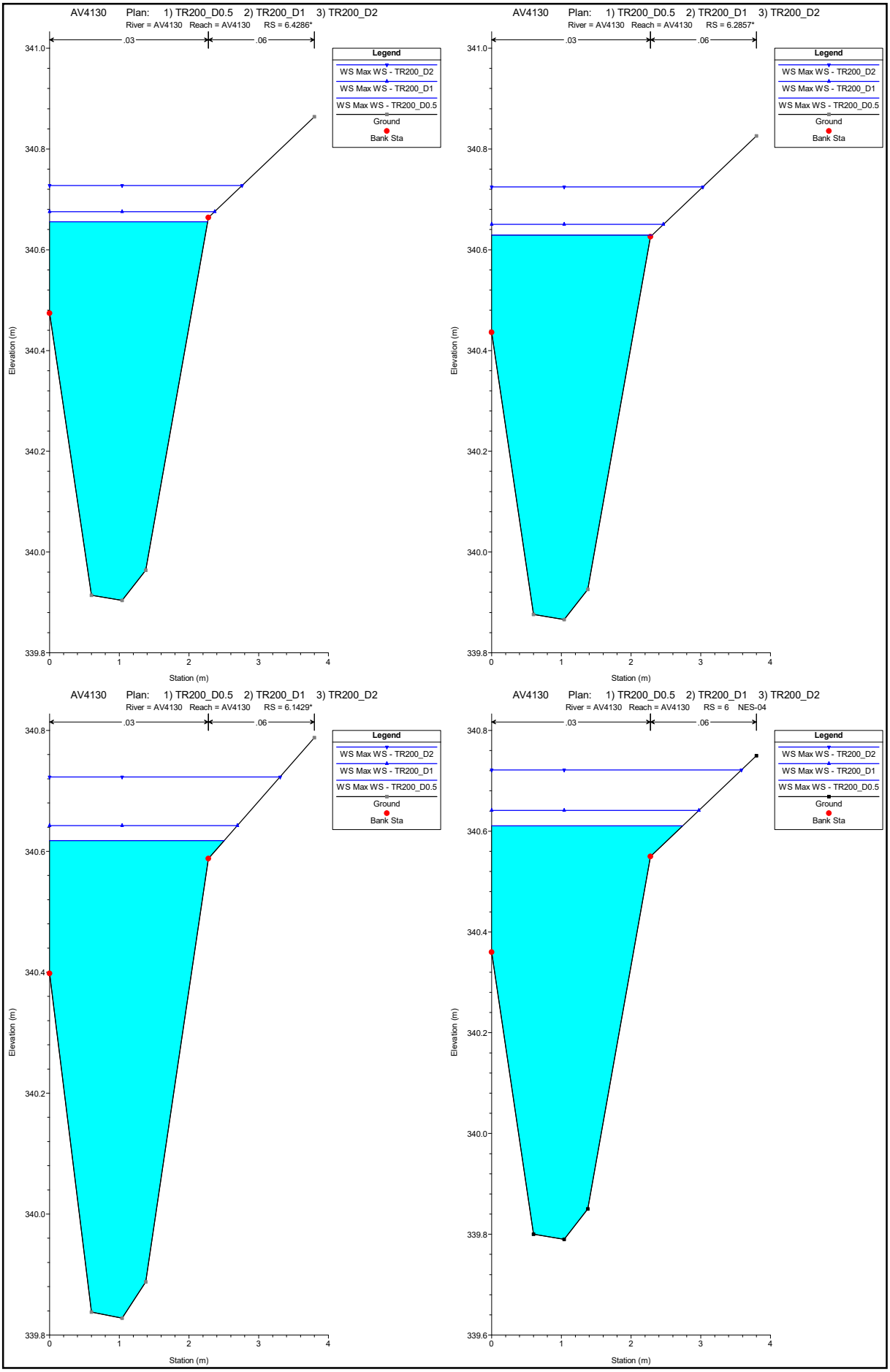

AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 12.500*
.03
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 11.667*
.03
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 10.833*
.03
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 10 NES-06
.03
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

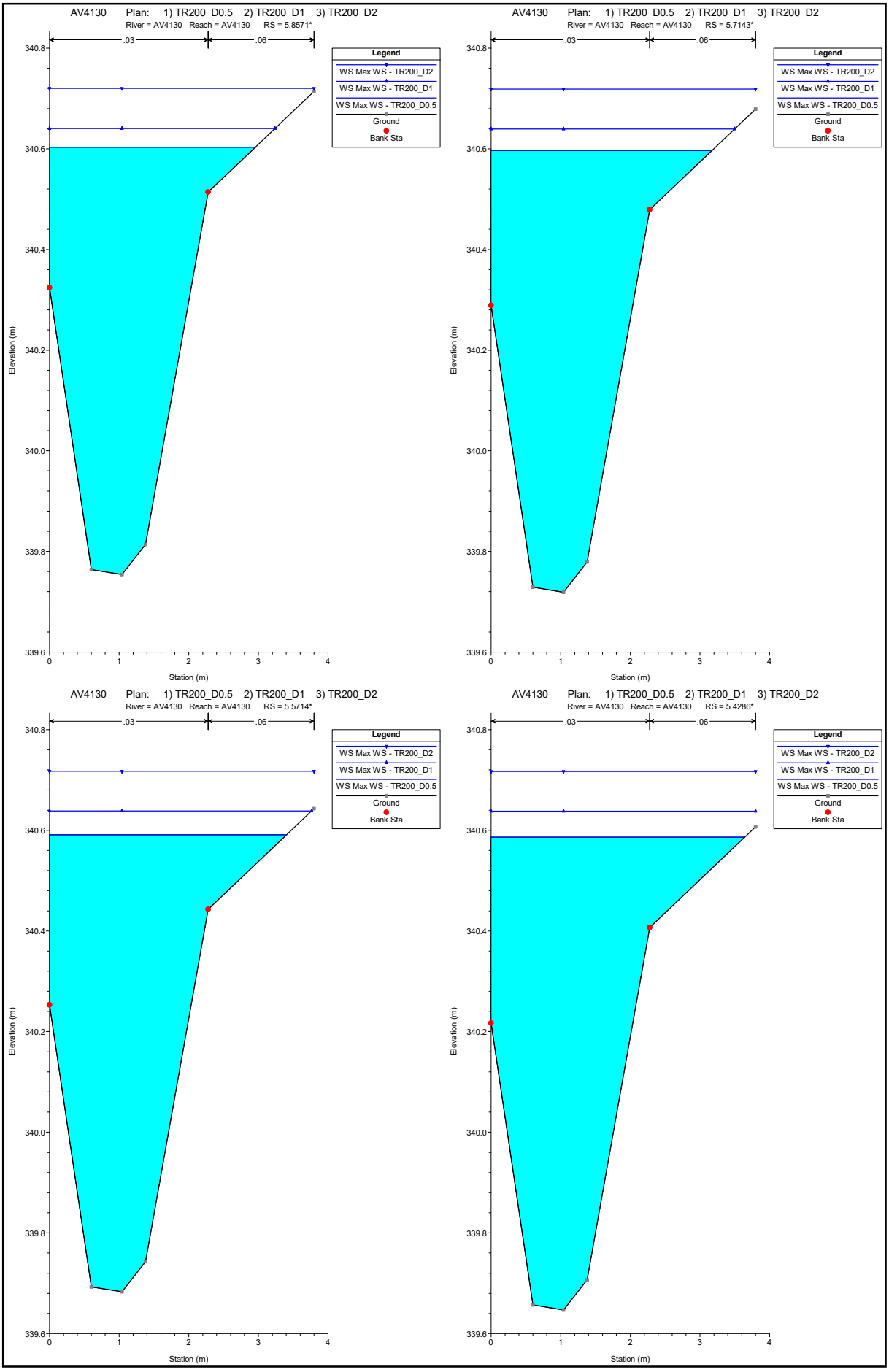

AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 9.6667*
.03
.06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 9.3333*
.03
.06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 9.0000*
.03
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 8.6667*
.03
.06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D2
WS Max WS - TR200_D0.5
Ground
Bank Sta
Elevation (m)
Station (m)

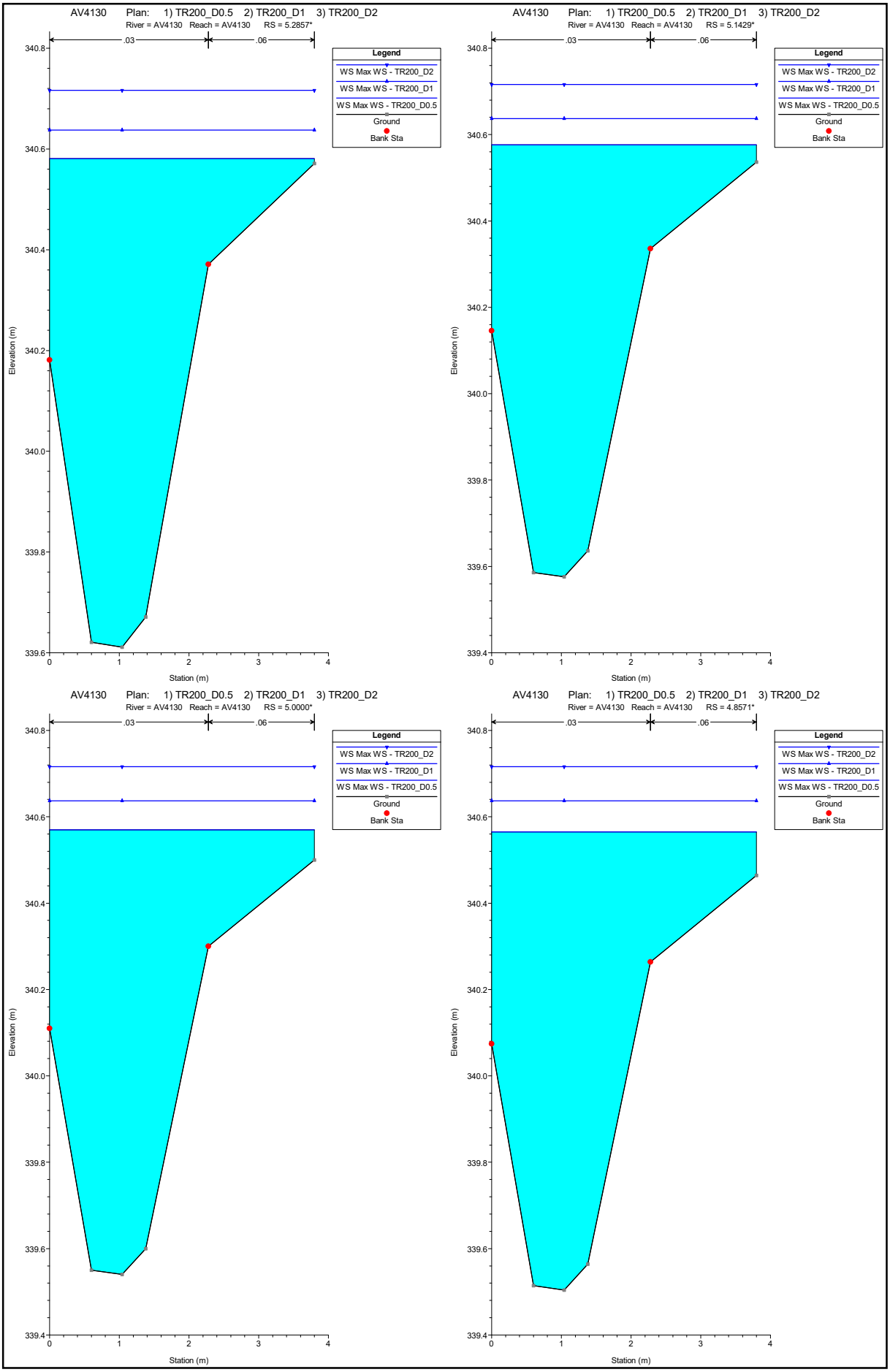

AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 8.3333*
.03
.06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D2
WS Max WS - TR200_D0.5
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 8 NES-05
.03
.06
Legend
WS Max WS - TR200_D2
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 7.8571*
.03
.06
Legend
WS Max WS - TR200_D2
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 7.7143*
.03
.06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D2
WS Max WS - TR200_D0.5
Ground
Bank Sta
Elevation (m)
Station (m)

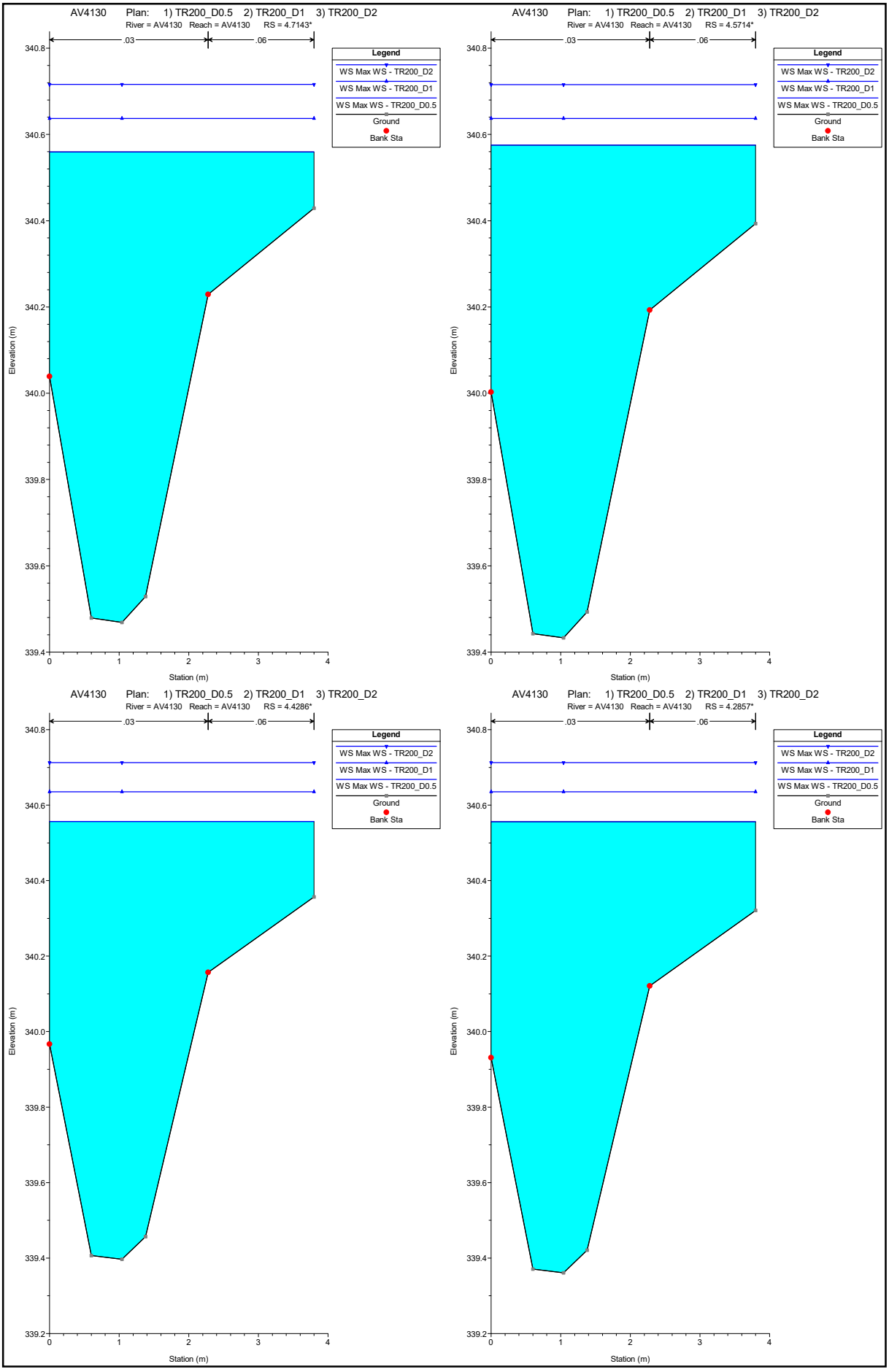

AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 7.5714*
.03
.06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D2
WS Max WS - TR200_D0.5
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 7.4286*
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 7.2857*
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 7.1429*

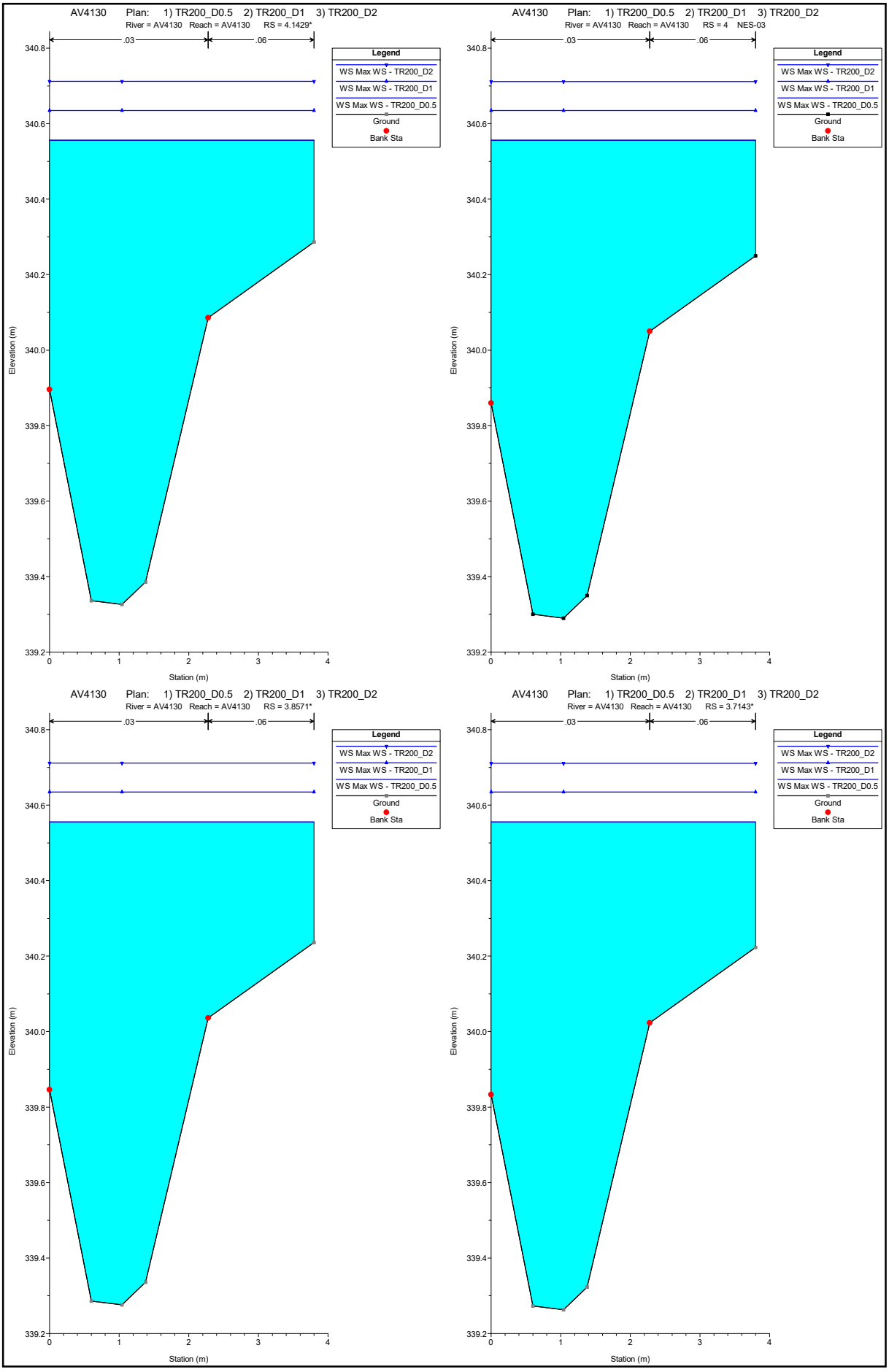

AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 7.0000*
.03
.06
Legend
WS Max WS - TR200_D2
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 6.8571*
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 6.7143*
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 6.5714*

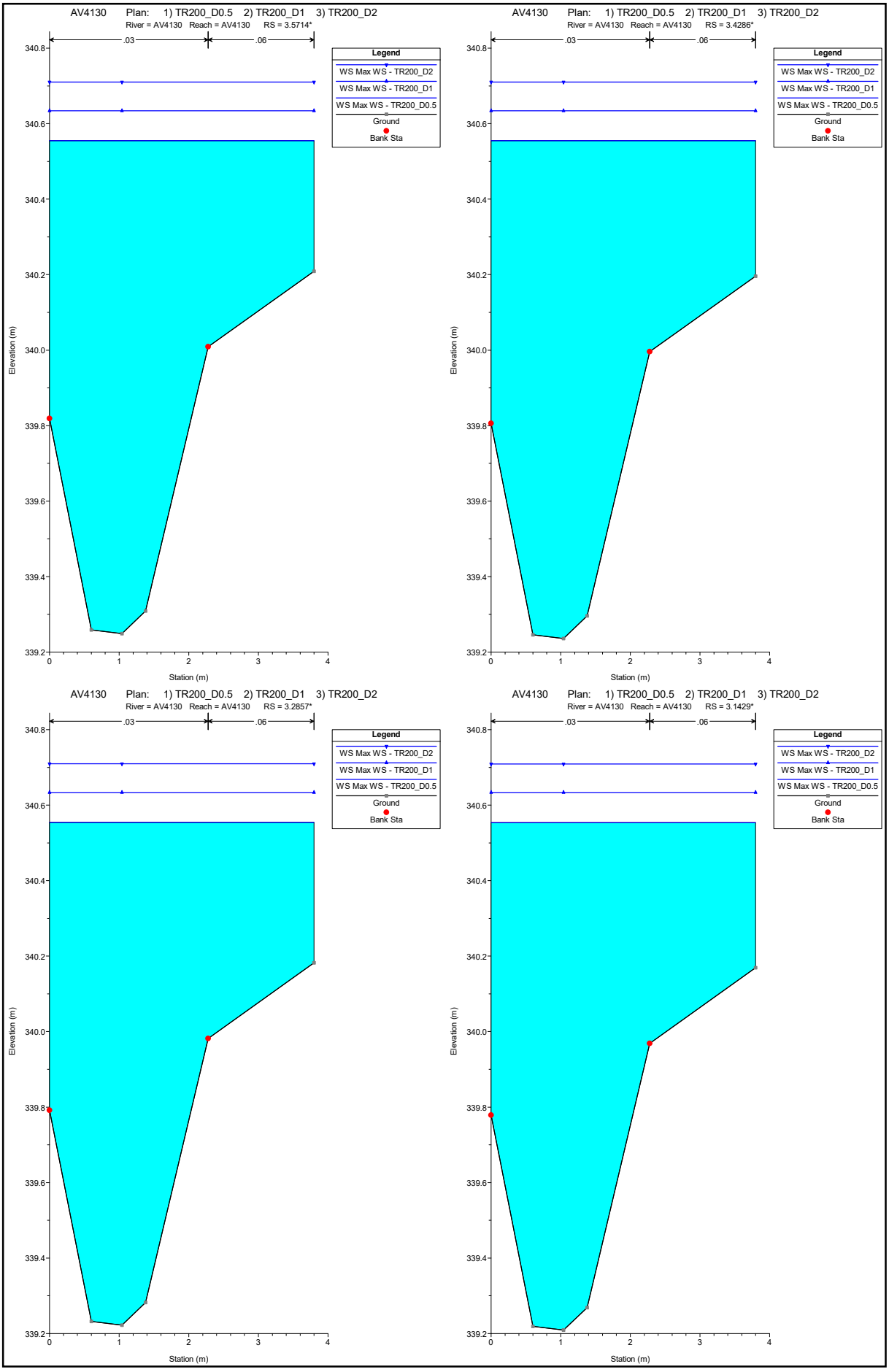

AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 6.4286*
.03
.06
Legend
WS Max WS - TR200_D2
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 6.2857*
.03
.06
Legend
WS Max WS - TR200_D2
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 6.1429*
.03
.06
Legend
WS Max WS - TR200_D2
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 6 NES-04
.03
.06
Legend
WS Max WS - TR200_D2
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
Ground
Bank Sta
Elevation (m)
Station (m)

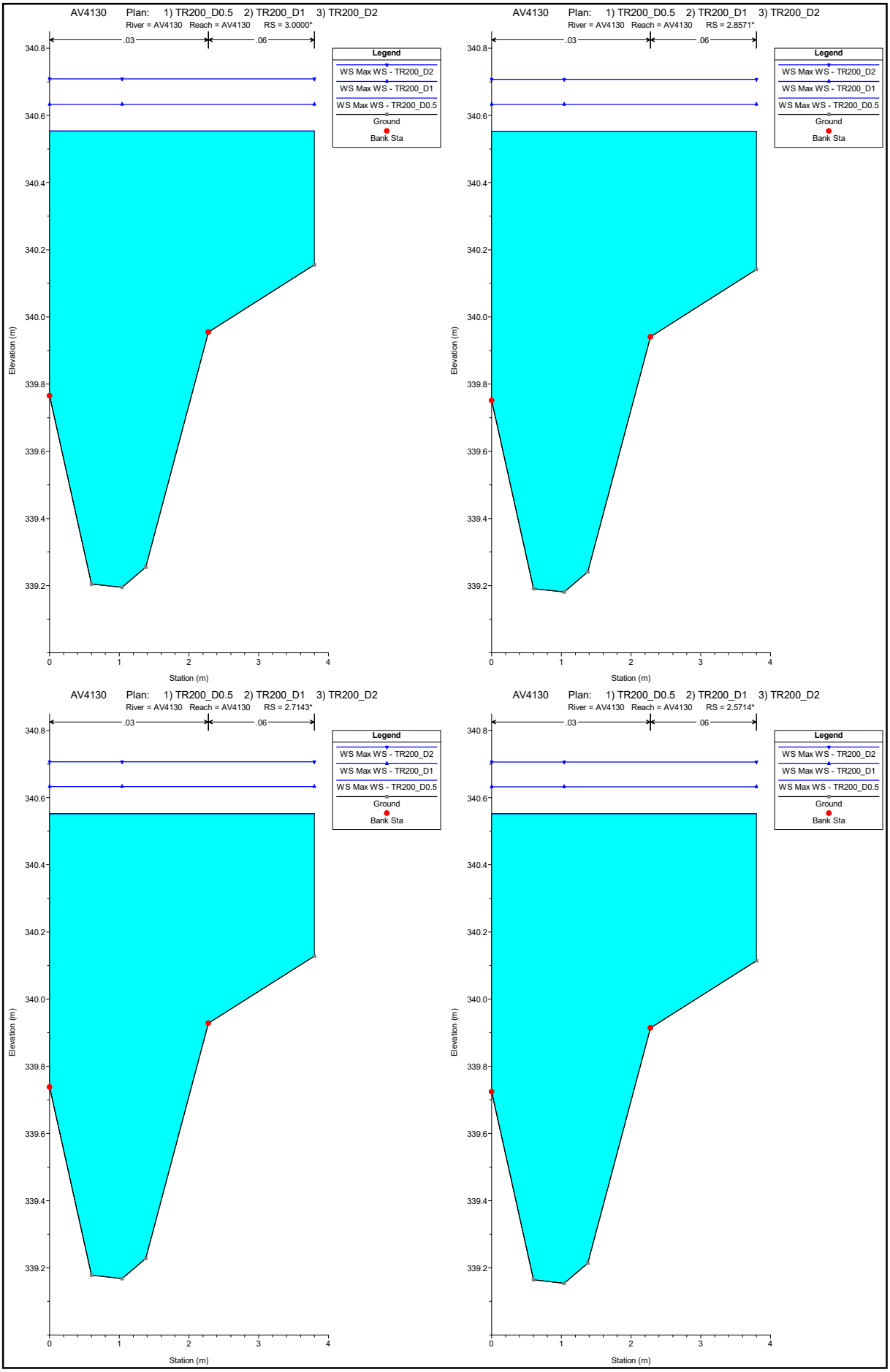

AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 5.8571*
.03
.06
Legend
WS Max WS - TR200_D2
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 5.7143*
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 5.5714*
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 5.4286*

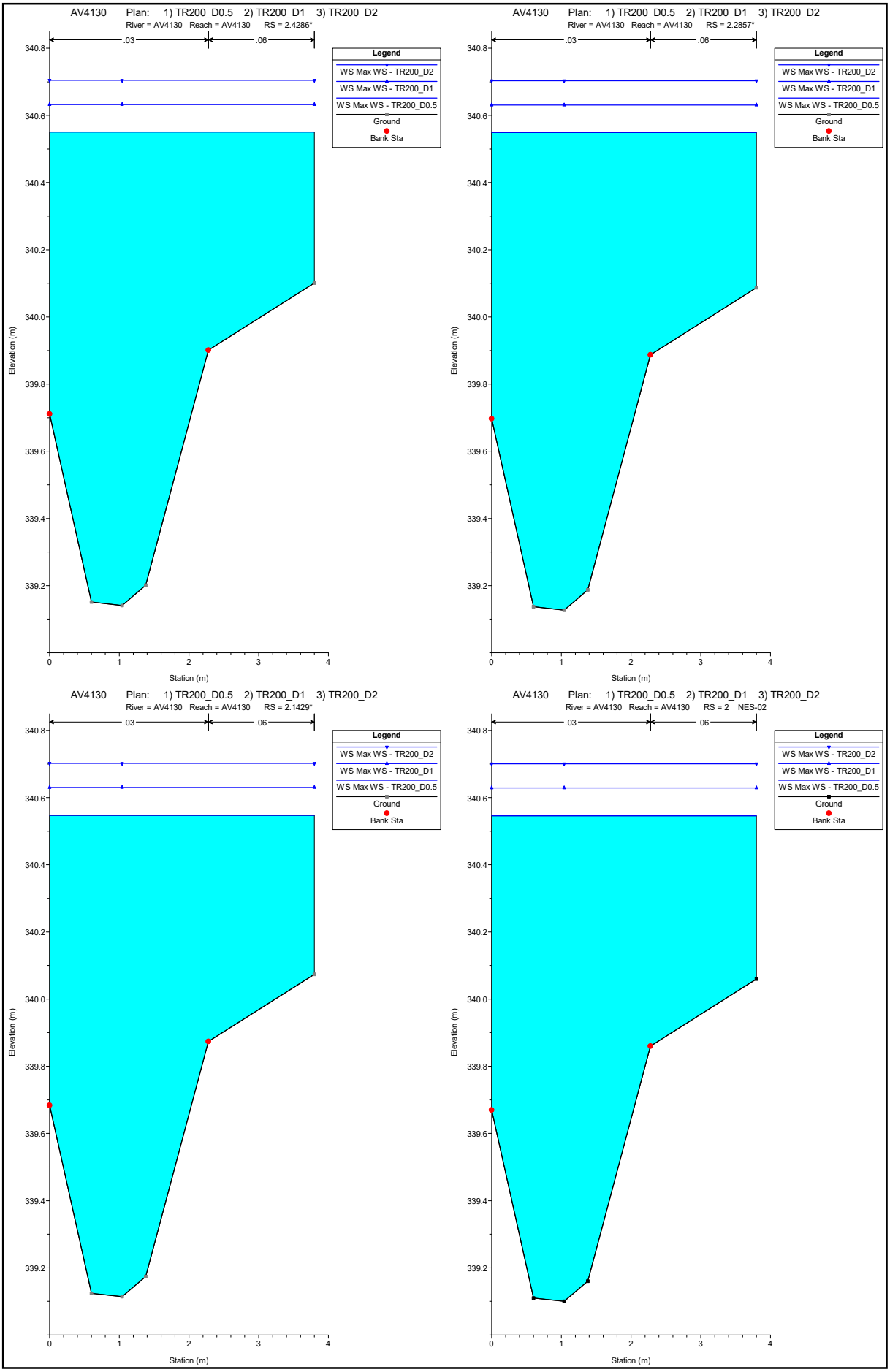

AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 5.2857*
.03
.06
Legend
WS Max WS - TR200_D2
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 5.1429*
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 5.0000*
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 4.8571*

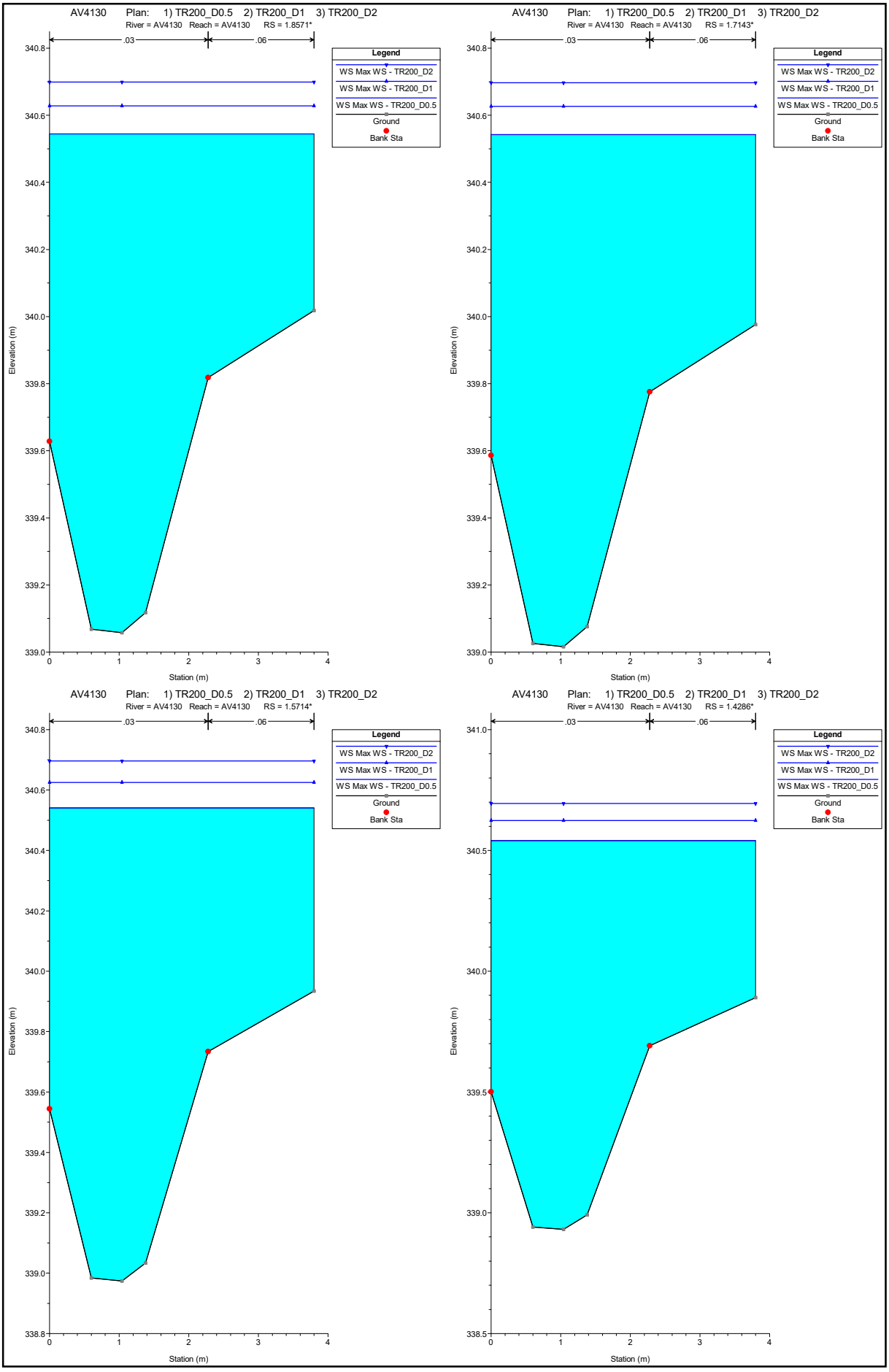

AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 4.7143*
.03
.06
Legend
WS Max WS - TR200_D2
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 4.5714*
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 4.4286*
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 4.2857*

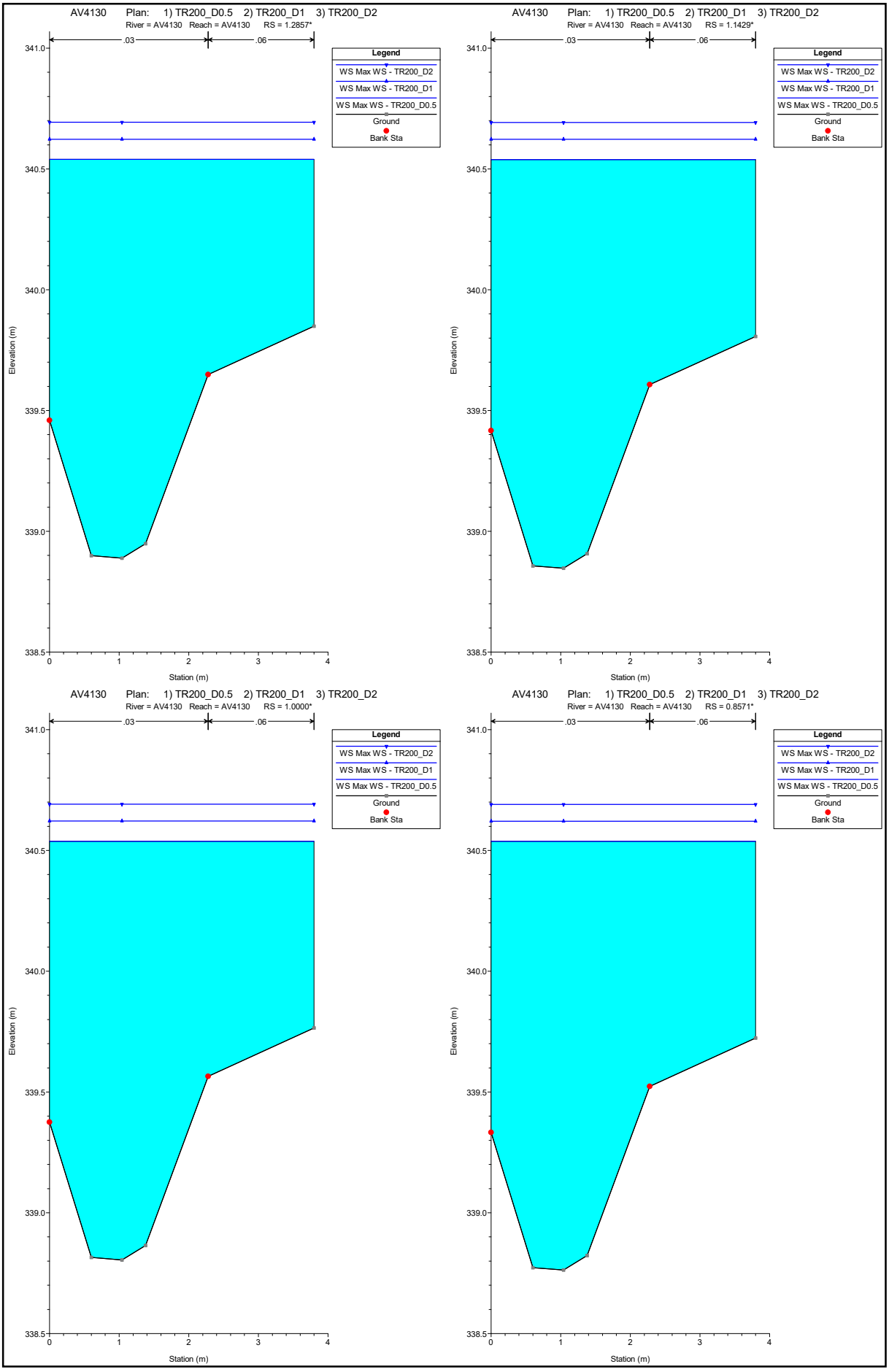

AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 4.1429*
.03
.06
Legend
WS Max WS - TR200_D2
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 4 NES-03
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 3.8571*
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 3.7143*

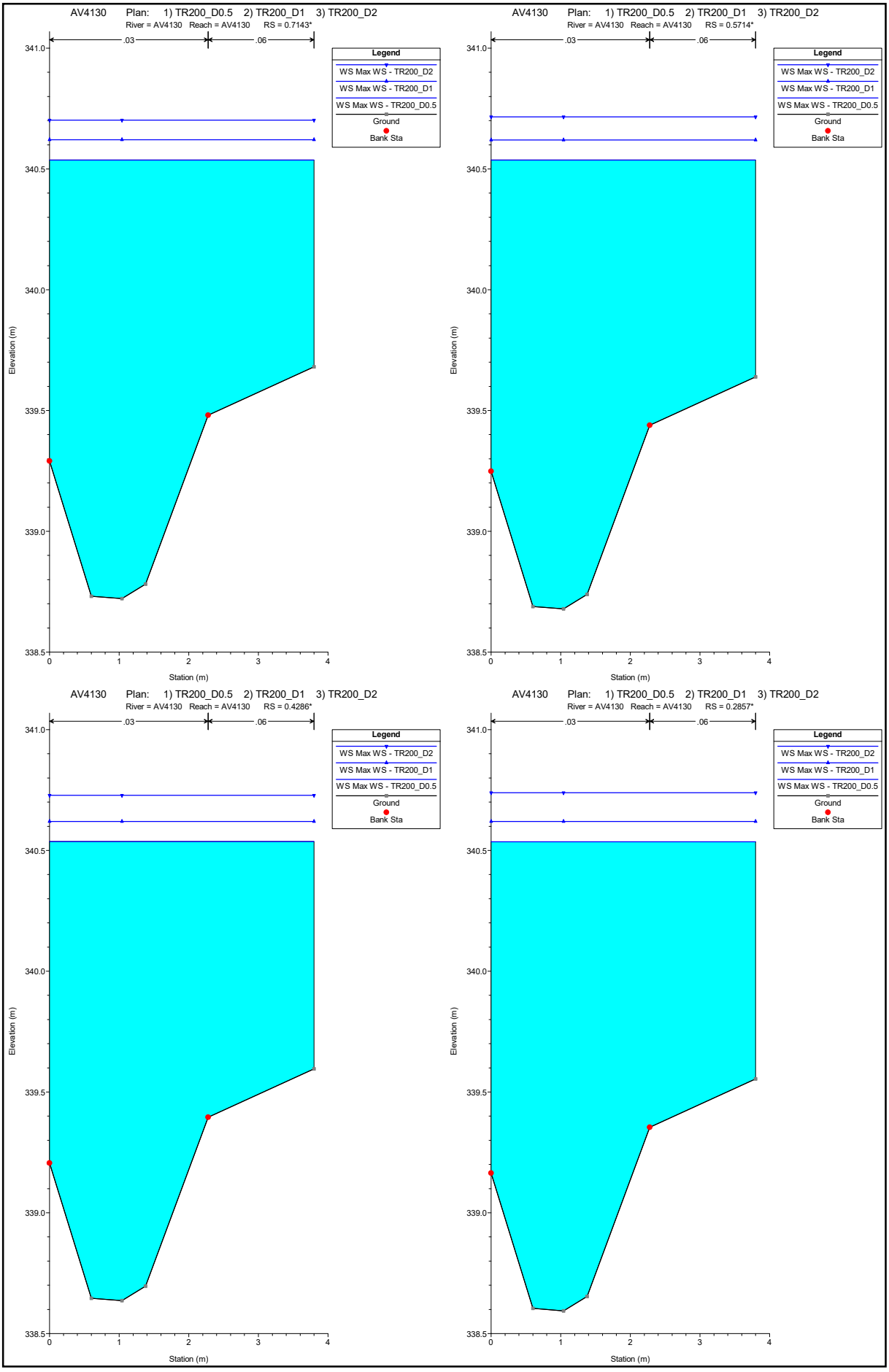

AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 3.5714*
.03
.06
Legend
WS Max WS - TR200_D2
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 3.4286*
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 3.2857*
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 3.1429*

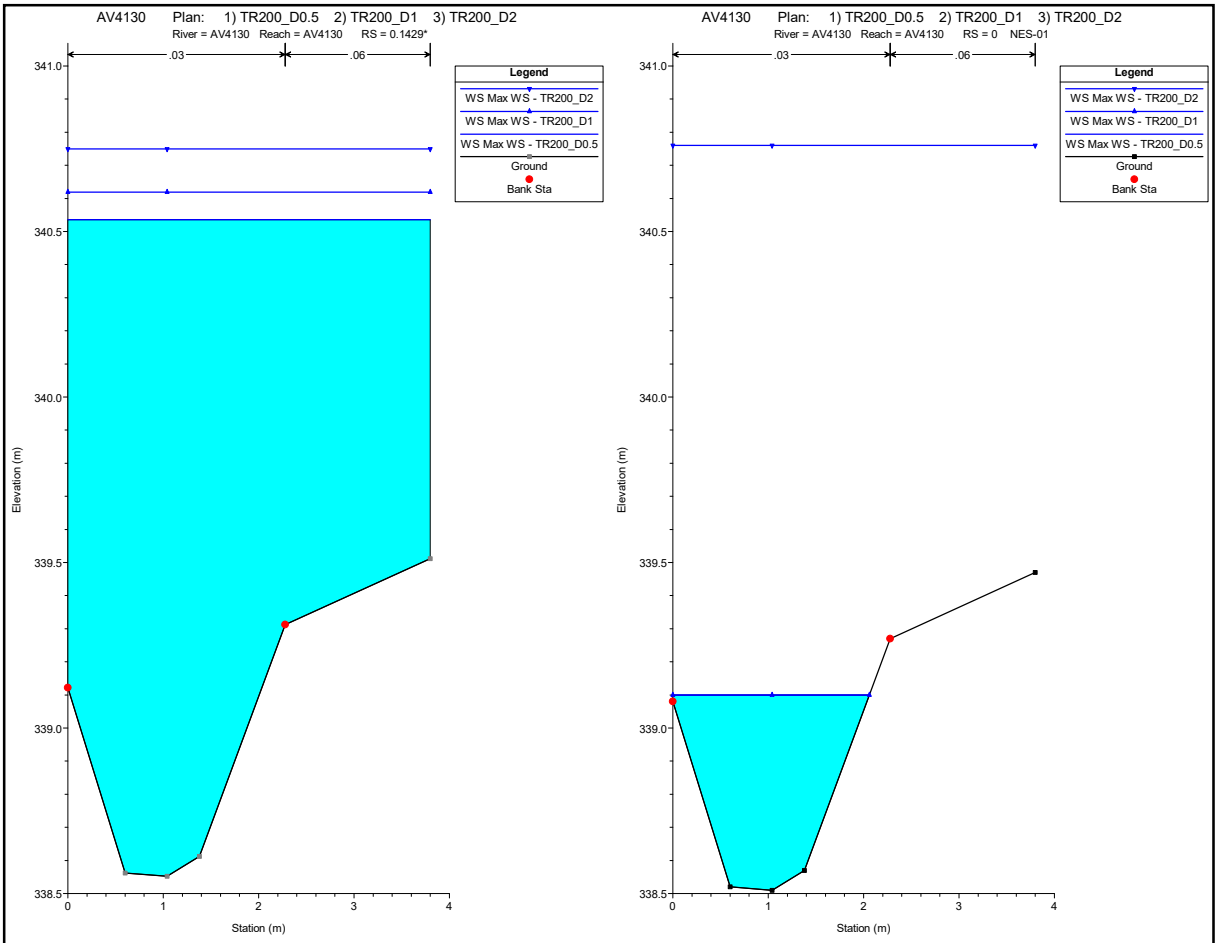

AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 3.0000*
.03
.06
Legend
WS Max WS - TR200_D2
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 2.8571*
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 2.7143*
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 2.5714*


AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 2.4286*
.03
.06
Legend
WS Max WS - TR200_D2
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 2.2857*
.03
.06
Legend
WS Max WS - TR200_D2
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 2.1429*
.03
.06
Legend
WS Max WS - TR200_D2
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 2 NES-02
.03
.06
Legend
WS Max WS - TR200_D2
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
Ground
Bank Sta
Elevation (m)
Station (m)


AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 1.8571*
.03
.06
Legend
WS Max WS - TR200_D2
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 1.7143*
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 1.5714*
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 1.4286*


AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 1.2857*
.03
.06
Legend
WS Max WS - TR200_D2
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 1.1429*
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 1.0000*
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 0.8571*


AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 0.7143*
.03
.06
Legend
WS Max WS - TR200_D2
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 0.5714*
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 0.4286*
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 0.2857*


AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 0.1429*
.03
.06
Legend
WS Max WS - TR200_D2
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = AV4130 Reach = AV4130 RS = 0 NES-01
.03
.06
Legend
WS Max WS - TR200_D2
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
Ground
Bank Sta
Elevation (m)
Station (m)

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "AV4130"

AV4130

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 0.5, 1 e 2h

Dati idraulici

HEC-RAS River: AV4130 Reach: AV4130 Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
AV4130	100	Max WS	TR200_D0.5	7.30	369.28	370.32	370.66	371.40	0.051395	4.82		1.70	1.80	3.05	1.87
AV4130	100	Max WS	TR200_D1	7.40	369.28	370.32	370.66	371.41	0.051519	4.84		1.71	1.82	3.06	1.88
AV4130	100	Max WS	TR200_D2	5.10	369.28	370.18	370.44	371.07	0.050742	4.33		1.38	1.38	2.92	1.82
AV4130	99.99			Lat Struct											
AV4130	99.98			Lat Struct											
AV4130	98.000*	Max WS	TR200_D0.5	7.26	368.81	369.86	370.20	371.00	0.052881	4.91	0.25	1.63	1.73	3.31	1.89
AV4130	98.000*	Max WS	TR200_D1	7.36	368.81	369.86	370.21	371.01	0.052845	4.93	0.28	1.64	1.74	3.37	1.89
AV4130	98.000*	Max WS	TR200_D2	5.10	368.81	369.72	370.01	370.64	0.051315	4.36		1.30	1.34	2.81	1.82
AV4130	96.000*	Max WS	TR200_D0.5	7.27	368.34	369.39	369.74	370.60	0.052802	5.04	0.82	1.52	1.71	3.49	1.89
AV4130	96.000*	Max WS	TR200_D1	7.36	368.34	369.39	369.75	370.62	0.052846	5.07	0.84	1.53	1.73	3.49	1.90
AV4130	96.000*	Max WS	TR200_D2	5.10	368.34	369.26	369.55	370.22	0.053189	4.44	0.20	1.20	1.28	2.89	1.84
AV4130	94.000*	Max WS	TR200_D0.5	7.27	367.86	368.92	369.29	370.19	0.052098	5.14	1.20	1.40	1.69	3.15	1.88
AV4130	94.000*	Max WS	TR200_D1	7.36	367.86	368.93	369.29	370.20	0.052047	5.16	1.21	1.42	1.71	3.15	1.88
AV4130	94.000*	Max WS	TR200_D2	5.10	367.86	368.79	369.09	369.81	0.053215	4.56	0.71	1.05	1.26	3.15	1.84
AV4130	92.000*	Max WS	TR200_D0.5	7.27	367.39	368.46	368.84	369.79	0.052380	5.27	1.41	1.30	1.64	2.80	1.88
AV4130	92.000*	Max WS	TR200_D1	7.36	367.39	368.47	368.85	369.81	0.052407	5.30	1.42	1.31	1.66	2.80	1.88
AV4130	92.000*	Max WS	TR200_D2	5.10	367.39	368.32	368.62	369.37	0.052173	4.63	1.10	0.87	1.25	2.80	1.82
AV4130	90	Max WS	TR200_D0.5	7.09	366.92	367.99	368.40	369.39	0.053619	5.40	1.49	1.17	1.55	2.46	1.89
AV4130	90	Max WS	TR200_D1	7.17	366.92	367.99	368.40	369.41	0.053587	5.42	1.49	1.18	1.56	2.46	1.89
AV4130	90	Max WS	TR200_D2	5.09	366.92	367.84	368.17	368.98	0.055472	4.82	1.31	0.73	1.19	2.36	1.86
AV4130	88.333*	Max WS	TR200_D0.5	7.19	366.45	367.60	368.02	369.04	0.050834	5.49	1.29	1.34	1.58	2.49	1.87
AV4130	88.333*	Max WS	TR200_D1	7.27	366.45	367.61	368.03	369.06	0.050758	5.51	1.29	1.36	1.60	2.49	1.87
AV4130	88.333*	Max WS	TR200_D2	5.10	366.45	367.43	367.79	368.63	0.054469	4.94	1.21	0.98	1.18	2.27	1.87
AV4130	86.667*	Max WS	TR200_D0.5	7.27	365.97	367.27	367.64	368.52	0.038622	5.17	0.83	1.44	1.76	2.52	1.65
AV4130	86.667*	Max WS	TR200_D1	7.34	365.97	367.28	367.64	368.53	0.038499	5.18	0.83	1.46	1.78	2.52	1.65
AV4130	86.667*	Max WS	TR200_D2	5.10	365.97	367.08	367.40	368.13	0.041776	4.66	0.82	1.15	1.29	2.28	1.66
AV4130	85	Max WS	TR200_D0.5	7.31	365.50	366.98	367.22	367.84	0.040181	4.42		1.80	2.04	2.55	1.31
AV4130	85	Max WS	TR200_D1	7.39	365.50	366.98	367.22	367.85	0.040415	4.44		1.81	2.05	2.55	1.31
AV4130	85	Max WS	TR200_D2	5.10	365.50	366.79	366.99	367.49	0.035927	3.90		1.40	1.56	2.39	1.27
AV4130	84.000*	Max WS	TR200_D0.5	7.27	365.32	366.65	366.90	367.54	0.026557	4.39	0.81	1.23	2.12	3.22	1.41
AV4130	84.000*	Max WS	TR200_D1	7.33	365.32	366.65	366.91	367.55	0.026547	4.41	0.81	1.24	2.14	3.22	1.41
AV4130	84.000*	Max WS	TR200_D2	5.10	365.32	366.49	366.70	367.18	0.025227	3.80	0.74	0.98	1.63	2.88	1.34
AV4130	83.000*	Max WS	TR200_D0.5	7.30	365.14	366.40	366.62	367.17	0.024320	4.06	1.00	1.03	2.28	3.88	1.37
AV4130	83.000*	Max WS	TR200_D1	7.37	365.14	366.41	366.63	367.18	0.024357	4.08	1.00	1.04	2.30	3.89	1.37
AV4130	83.000*	Max WS	TR200_D2	5.10	365.14	366.25	366.43	366.85	0.023023	3.51	0.87	0.80	1.74	3.43	1.29
AV4130	82.000*	Max WS	TR200_D0.5	7.30	364.95	366.17	366.36	366.85	0.022887	3.80	1.01	0.87	2.39	4.57	1.33
AV4130	82.000*	Max WS	TR200_D1	7.37	364.95	366.17	366.37	366.86	0.022908	3.82	1.02	0.88	2.41	4.57	1.34
AV4130	82.000*	Max WS	TR200_D2	5.10	364.95	366.03	366.19	366.56	0.021661	3.29	0.82	0.64	1.81	4.00	1.26
AV4130	81.000*	Max WS	TR200_D0.5	7.30	364.77	365.95	366.13	366.58	0.022413	3.63	0.94	0.74	2.45	5.24	1.32
AV4130	81.000*	Max WS	TR200_D1	7.37	364.77	365.95	366.14	366.59	0.022426	3.64	0.95	0.75	2.47	5.24	1.32
AV4130	81.000*	Max WS	TR200_D2	5.10	364.77	365.83	365.97	366.31	0.020679	3.11	0.69	0.49	1.86	4.57	1.23
AV4130	80	Max WS	TR200_D0.5	7.30	364.59	365.60	365.91	366.63	0.049487	4.51	0.70	0.42	1.71	4.59	1.89
AV4130	80	Max WS	TR200_D1	7.37	364.59	365.60	365.92	366.64	0.049482	4.53	0.71	0.43	1.73	4.65	1.89
AV4130	80	Max WS	TR200_D2	5.10	364.59	365.48	365.76	366.30	0.051887	4.01	0.31		1.28	2.96	1.87
AV4130	78.750*	Max WS	TR200_D0.5	7.30	364.12	365.14	365.48	366.18	0.051347	4.54	0.48		1.63	3.19	1.88
AV4130	78.750*	Max WS	TR200_D1	7.37	364.12	365.14	365.49	366.20	0.051416	4.56	0.50		1.64	3.21	1.88
AV4130	78.750*	Max WS	TR200_D2	5.10	364.12	365.00	365.27	365.86	0.053934	4.13			1.24	2.51	1.88
AV4130	77.500*	Max WS	TR200_D0.5	7.30	363.64	364.66	365.00	365.74	0.053666	4.61			1.58	2.59	1.88
AV4130	77.500*	Max WS	TR200_D1	7.37	363.64	364.66	365.00	365.75	0.053614	4.62	0.07		1.60	2.62	1.88
AV4130	77.500*	Max WS	TR200_D2	5.10	363.64	364.50	364.79	365.42	0.055021	4.25			1.20	2.28	1.87
AV4130	76.250*	Max WS	TR200_D0.5	7.30	363.16	364.17	364.50	365.25	0.051481	4.60			1.59	2.41	1.81
AV4130	76.250*	Max WS	TR200_D1	7.37	363.16	364.18	364.51	365.26	0.051374	4.61			1.60	2.41	1.81
AV4130	76.250*	Max WS	TR200_D2	5.10	363.16	364.00	364.30	364.93	0.054180	4.28			1.19	2.14	1.83
AV4130	75	Max WS	TR200_D0.5	7.30	362.69	363.77	364.01	364.60	0.035479	4.03			1.81	2.39	1.48
AV4130	75	Max WS	TR200_D1	7.37	362.69	363.78	364.02	364.61	0.035476	4.04			1.82	2.39	1.48
AV4130	75	Max WS	TR200_D2	5.10	362.69	363.59	363.79	364.27	0.034939	3.66			1.39	2.17	1.46
AV4130	74.444*	Max WS	TR200_D0.5	7.30	362.37	363.45	363.69	364.28	0.035822	4.04			1.81	2.44	1.50
AV4130	74.444*	Max WS	TR200_D1	7.37	362.37	363.45	363.70	364.29	0.035874	4.06			1.82	2.44	1.50
AV4130	74.444*	Max WS	TR200_D2	5.10	362.37	363.27	363.47	363.95	0.034959	3.66			1.39	2.21	1.47
AV4130	73.889*	Max WS	TR200_D0.5	7.30	362.04	363.12	363.37	363.96	0.036349	4.06			1.80	2.49	1.53
AV4130	73.889*	Max WS	TR200_D1	7.37	362.04	363.12	363.37	363.97	0.036343	4.07	0.06		1.81	2.50	1.53
AV4130	73.889*	Max WS	TR200_D2	5.10	362.04	362.95	363.15	363.63	0.034992	3.66			1.40	2.26	1.48
AV4130	73.333*	Max WS	TR200_D0.5	7.30	361.72	362.79	363.04	363.64	0.036241	4.08	0.25		1.79	2.60	1.55
AV4130	73.333*	Max WS	TR200_D1	7.37	361.72	362.79	363.05	363.65	0.036267	4.10	0.27		1.80	2.61	1.55
AV4130	73.333*	Max WS	TR200_D2	5.10	361.72	362.63	362.83	363.31	0.035075	3.65			1.40	2.31	1.50
AV4130	72.778*	Max WS	TR200_D0.5	7.30	361.40	362.46	362.72	363.32	0.036332	4.11	0.40		1.78	2.71	1.57
AV4130	72.778*	Max WS	TR200_D1	7.37	361.40	362.46	362.73	363.33	0.036350	4.13	0.41		1.80	2.72	1.57
AV4130	72.778*	Max WS	TR200_D2	5.10	361.40	362.31	362.51	362.99	0.035341	3.65			1.40	2.37	1.52
AV4130	72.222*	Max WS	TR200_D0.5	7.30	361.07	362.13	362.40	363.00	0.036479	4.14	0.52		1.78	2.82	1.60
AV4130	72.222*	Max WS	TR200_D1	7.37	361.07	362.13	362.40	363.01	0.036482	4.15	0.53		1.79	2.83	1.60
AV4130	72.222*	Max WS	TR200_D2	5.10	361.07	361.98	362.19	362.66	0.035832	3.66	0.06		1.40	2.44	1.54
AV4130	71.667*	Max WS	TR200_D0.5	7.30	360.75	361.80	362.07	362.68	0.036830	4.16	0.62		1.78	2.94	1.62
AV4130	71.667*	Max WS	TR200_D1	7.37	360.75	361.80	362.07	362.69	0.036909	4.18	0.63		1.79	2.95	1.63
AV4130	71.667*	Max WS	TR200_D2	5.10	360.75	361.65	361.86	362.34	0.035864	3.67	0.27		1.39	2.56	1.56
AV4130	71.111*	Max WS	TR200_D0.5	7.30	360.43	361.46	361.74	362.35	0.036907	4.19	0.72	0.13	1.79	3.07	1.65
AV4130	71.111*	Max WS	TR200_D1	7.37	360.43	361.47	361.74	362.36	0.036940	4.20	0.73	0.14	1.80	3.08	1.65
AV4130	71.111*	Max WS	TR200_D2	5.10	360.43	361.32	361.54	362.02	0.035929	3.69	0.42		1.39	2.68	1.58
AV4130	70.556*	Max WS	TR200_D0.5	7.30	360.10	361.13	361.41	362.02	0.036652	4.21	0.80	0.26	1.79	3.20	1.67

HEC-RAS River: AV4130 Reach: AV4130 Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
AV4130	70.556*	Max WS	TR200_D1	7.37	360.10	361.13	361.41	362.03	0.036671	4.23	0.81	0.27	1.81	3.21	1.67
AV4130	70.556*	Max WS	TR200_D2	5.10	360.10	361.00	361.20	361.69	0.035949	3.69	0.54		1.40	2.81	1.60
AV4130	70	Max WS	TR200_D0.5	7.30	359.78	360.79	361.07	361.69	0.035965	4.21	0.88	0.37	1.82	3.33	1.67
AV4130	70	Max WS	TR200_D1	7.37	359.78	360.80	361.08	361.70	0.035920	4.23	0.89	0.38	1.83	3.34	1.67
AV4130	70	Max WS	TR200_D2	5.10	359.78	360.67	360.87	361.36	0.036196	3.69	0.65		1.41	2.96	1.62
AV4130	69.500*	Max WS	TR200_D0.5	7.30	359.47	360.46	360.75	361.39	0.035999	4.28	0.91	0.47	1.80	3.34	1.69
AV4130	69.500*	Max WS	TR200_D1	7.37	359.47	360.47	360.75	361.40	0.035974	4.30	0.92	0.48	1.82	3.35	1.69
AV4130	69.500*	Max WS	TR200_D2	5.10	359.47	360.34	360.55	361.05	0.036577	3.74	0.69	0.15	1.40	2.98	1.64
AV4130	69.000*	Max WS	TR200_D0.5	7.30	359.15	360.13	360.43	361.08	0.036052	4.35	0.95	0.57	1.79	3.35	1.70
AV4130	69.000*	Max WS	TR200_D1	7.37	359.15	360.14	360.44	361.09	0.036028	4.37	0.95	0.58	1.81	3.36	1.70
AV4130	69.000*	Max WS	TR200_D2	5.10	359.15	360.01	360.23	360.74	0.036328	3.80	0.72	0.29	1.39	2.98	1.65
AV4130	68.500*	Max WS	TR200_D0.5	7.30	358.84	359.80	360.11	360.78	0.036056	4.43	0.98	0.66	1.79	3.36	1.72
AV4130	68.500*	Max WS	TR200_D1	7.37	358.84	359.81	360.12	360.79	0.036031	4.44	0.99	0.66	1.80	3.37	1.72
AV4130	68.500*	Max WS	TR200_D2	5.10	358.84	359.68	359.91	360.43	0.036243	3.86	0.76	0.41	1.38	2.99	1.66
AV4130	68.000*	Max WS	TR200_D0.5	7.30	358.52	359.47	359.79	360.48	0.036011	4.50	1.01	0.74	1.78	3.38	1.73
AV4130	68.000*	Max WS	TR200_D1	7.37	358.52	359.48	359.79	360.49	0.035990	4.51	1.02	0.75	1.80	3.39	1.73
AV4130	68.000*	Max WS	TR200_D2	5.10	358.52	359.35	359.58	360.12	0.036032	3.92	0.79	0.51	1.37	3.00	1.67
AV4130	67.500*	Max WS	TR200_D0.5	7.30	358.20	359.15	359.47	360.18	0.035885	4.57	1.05	0.82	1.79	3.40	1.75
AV4130	67.500*	Max WS	TR200_D1	7.37	358.20	359.15	359.47	360.19	0.035876	4.59	1.05	0.83	1.80	3.41	1.75
AV4130	67.500*	Max WS	TR200_D2	5.10	358.20	359.02	359.26	359.81	0.035957	3.99	0.83	0.60	1.37	3.01	1.69
AV4130	67.000*	Max WS	TR200_D0.5	7.30	357.89	358.82	359.15	359.87	0.035557	4.64	1.08	0.89	1.80	3.43	1.76
AV4130	67.000*	Max WS	TR200_D1	7.37	357.89	358.82	359.16	359.89	0.035552	4.65	1.08	0.90	1.81	3.44	1.76
AV4130	67.000*	Max WS	TR200_D2	5.10	357.89	358.69	358.94	359.51	0.036031	4.06	0.86	0.69	1.37	3.03	1.71
AV4130	66.500*	Max WS	TR200_D0.5	7.30	357.57	358.50	358.84	359.54	0.033297	4.62	1.10	0.95	1.85	3.50	1.72
AV4130	66.500*	Max WS	TR200_D1	7.37	357.57	358.51	358.85	359.55	0.033249	4.64	1.10	0.96	1.86	3.51	1.72
AV4130	66.500*	Max WS	TR200_D2	5.10	357.57	358.36	358.62	359.19	0.034688	4.09	0.89	0.77	1.38	3.07	1.70
AV4130	66.000*	Max WS	TR200_D0.5	7.30	357.26	358.24	358.54	359.12	0.025100	4.31	1.06	0.91	2.09	3.80	1.53
AV4130	66.000*	Max WS	TR200_D1	7.37	357.26	358.24	358.54	359.13	0.025105	4.32	1.06	0.91	2.10	3.83	1.53
AV4130	66.000*	Max WS	TR200_D2	5.10	357.26	358.08	358.30	358.79	0.025800	3.80	0.87	0.79	1.56	3.25	1.50
AV4130	65.500*	Max WS	TR200_D0.5	7.30	356.94	358.06	358.25	358.64	0.013355	3.58	0.83	0.75	2.84	5.36	1.16
AV4130	65.500*	Max WS	TR200_D1	7.37	356.94	358.06	358.25	358.65	0.013367	3.59	0.84	0.75	2.86	5.40	1.16
AV4130	65.500*	Max WS	TR200_D2	5.10	356.94	357.91	357.99	358.35	0.012188	3.06	0.72	0.64	2.13	4.14	1.08
AV4130	65	Max WS	TR200_D0.5	7.30	356.63	357.98		358.25	0.005061	2.59	0.73	0.65	4.55	6.22	0.75
AV4130	65	Max WS	TR200_D1	7.37	356.63	357.98		358.25	0.005083	2.60	0.73	0.65	4.57	6.22	0.75
AV4130	65	Max WS	TR200_D2	5.10	356.63	357.84		358.03	0.004114	2.16	0.57	0.48	3.68	6.22	0.66
AV4130	64.50			Culvert											
AV4130	64	Max WS	TR200_D0.5	7.30	356.59	357.59	357.88	358.45	0.023020	4.32	0.90	0.89	2.28	5.00	1.49
AV4130	64	Max WS	TR200_D1	7.37	356.59	357.59	357.88	358.46	0.023020	4.34	0.90	0.89	2.31	5.05	1.49
AV4130	64	Max WS	TR200_D2	5.10	356.59	357.43	357.68	358.12	0.023184	3.80	0.89	0.87	1.64	3.34	1.44
AV4130	63.99			Lat Struct											
AV4130	63.98			Lat Struct											
AV4130	63.556*	Max WS	TR200_D0.5	7.30	356.37	357.38	357.68	358.24	0.022680	4.30	0.93	0.89	2.28	4.80	1.47
AV4130	63.556*	Max WS	TR200_D1	7.37	356.37	357.39	357.68	358.25	0.022710	4.31	0.93	0.89	2.29	4.84	1.47
AV4130	63.556*	Max WS	TR200_D2	5.10	356.37	357.23	357.48	357.91	0.022913	3.78	0.89	0.85	1.64	3.34	1.43
AV4130	63.111*	Max WS	TR200_D0.5	7.30	356.15	357.19	357.48	358.02	0.021797	4.23	0.95	0.87	2.30	4.69	1.44
AV4130	63.111*	Max WS	TR200_D1	7.37	356.15	357.19	357.48	358.03	0.021801	4.25	0.95	0.88	2.32	4.73	1.44
AV4130	63.111*	Max WS	TR200_D2	5.10	356.15	357.03	357.25	357.69	0.022027	3.73	0.88	0.82	1.66	3.37	1.40
AV4130	62.667*	Max WS	TR200_D0.5	7.30	355.93	357.00	357.27	357.78	0.019888	4.10	0.94	0.84	2.38	4.73	1.37
AV4130	62.667*	Max WS	TR200_D1	7.36	355.93	357.01	357.28	357.79	0.019889	4.11	0.94	0.85	2.40	4.77	1.38
AV4130	62.667*	Max WS	TR200_D2	5.10	355.93	356.84	357.04	357.46	0.019992	3.61	0.85	0.77	1.73	3.47	1.33
AV4130	62.222*	Max WS	TR200_D0.5	7.30	355.71	356.84	357.07	357.52	0.016549	3.85	0.91	0.79	2.58	4.97	1.26
AV4130	62.222*	Max WS	TR200_D1	7.36	355.71	356.84	357.07	357.53	0.016567	3.86	0.91	0.79	2.60	5.00	1.26
AV4130	62.222*	Max WS	TR200_D2	5.10	355.71	356.68	356.83	357.21	0.016016	3.35	0.78	0.71	1.89	3.73	1.20
AV4130	61.778*	Max WS	TR200_D0.5	7.29	355.50	356.71	356.86	357.26	0.012208	3.47	0.85	0.72	2.97	5.49	1.08
AV4130	61.778*	Max WS	TR200_D1	7.35	355.50	356.72	356.87	357.26	0.012243	3.48	0.85	0.72	2.99	5.52	1.09
AV4130	61.778*	Max WS	TR200_D2	5.10	355.50	356.56	356.61	356.97	0.010947	2.96	0.70	0.62	2.23	4.23	1.00
AV4130	61.333*	Max WS	TR200_D0.5	7.26	355.28	356.62	356.66	357.01	0.007927	2.98	0.76	0.67	3.62	6.00	0.88
AV4130	61.333*	Max WS	TR200_D1	7.33	355.28	356.63	356.66	357.02	0.007947	2.99	0.76	0.68	3.64	6.01	0.88
AV4130	61.333*	Max WS	TR200_D2	5.10	355.28	356.48	356.40	356.77	0.006581	2.49	0.62	0.51	2.82	5.17	0.79
AV4130	60.889*	Max WS	TR200_D0.5	7.19	355.06	356.57		356.82	0.004717	2.47	0.68	0.63	4.48	6.01	0.69
AV4130	60.889*	Max WS	TR200_D1	7.24	355.06	356.57		356.83	0.004719	2.48	0.68	0.64	4.51	6.01	0.69
AV4130	60.889*	Max WS	TR200_D2	5.10	355.06	356.44		356.62	0.003610	2.02	0.53	0.47	3.74	5.94	0.59
AV4130	60.444*	Max WS	TR200_D0.5	7.00	354.84	356.60		356.75	0.002282	1.90	0.56	0.54	5.89	5.98	0.48
AV4130	60.444*	Max WS	TR200_D1	7.08	354.84	356.60		356.75	0.002324	1.92	0.57	0.55	5.91	5.98	0.49
AV4130	60.444*	Max WS	TR200_D2	5.25	354.84	356.46		356.57	0.001921	1.63	0.47	0.44	5.02	5.98	0.44
AV4130	60	Max WS	TR200_D0.5	7.26	354.62	356.61		356.72	0.001506	1.66	0.51	0.50	7.14	5.95	0.39
AV4130	60	Max WS	TR200_D1	7.29	354.62	356.62		356.72	0.001510	1.66	0.51	0.50	7.15	5.95	0.40
AV4130	60	Max WS	TR200_D2	5.46	354.62	356.46		356.54	0.001224	1.41	0.42	0.41	6.21	5.95	0.35
AV4130	57			Culvert											
AV4130	55	Max WS	TR200_D0.5	7.26	354.40	355.17	355.50	356.30	0.055419	5.00	1.59	0.58	1.88	5.22	2.04
AV4130	55	Max WS	TR200_D1	7.29	354.40	355.17	355.50	356.31	0.055242	5.00	1.59	0.58	1.89	5.24	2.04
AV4130	55	Max WS	TR200_D2	5.46	354.40	355.09	355.37	356.05	0.055986	4.54	1.30	0.23	1.48	4.27	2.00
AV4130	54.99			Lat Struct											
AV4130	54.98			Lat Struct											
AV4130	53.750*	Max WS	TR200_D0.5	7.22	353.94	354.75	355.09	355.96	0.055306	5.02	1.27	0.68	1.72	4.63	2.05
AV4130	53.750*	Max WS	TR200_D1	7.27	353.94	354.75	355.09	355.96	0.055157	5.02	1.28	0.69	1.73	4.64	2.05

HEC-RAS River: AV4130 Reach: AV4130 Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
AV4130	53.750*	Max WS	TR200_D2	5.41	353.94	354.66	354.96	355.68	0.056039	4.54	0.91	0.37	1.33	4.02	2.01
AV4130	52.500*	Max WS	TR200_D0.5	7.27	353.49	354.31	354.68	355.58	0.057177	5.03	0.90	0.77	1.59	4.02	2.07
AV4130	52.500*	Max WS	TR200_D1	7.32	353.49	354.32	354.68	355.59	0.057203	5.05	0.91	0.78	1.60	4.03	2.07
AV4130	52.500*	Max WS	TR200_D2	5.41	353.49	354.22	354.53	355.27	0.058645	4.54	0.36	0.45	1.22	3.43	2.04
AV4130	51.250*	Max WS	TR200_D0.5	7.27	353.03	353.89	354.24	355.06	0.052276	4.80	0.43	0.82	1.58	3.48	1.96
AV4130	51.250*	Max WS	TR200_D1	7.33	353.03	353.90	354.25	355.07	0.052157	4.81	0.45	0.82	1.59	3.49	1.96
AV4130	51.250*	Max WS	TR200_D2	5.41	353.03	353.78	354.08	354.77	0.055751	4.41		0.51	1.24	2.66	1.97
AV4130	50	Max WS	TR200_D0.5	7.29	352.57	353.58	353.79	354.33	0.028218	3.85		0.77	1.96	3.07	1.45
AV4130	50	Max WS	TR200_D1	7.35	352.57	353.59	353.80	354.34	0.028235	3.86		0.77	1.97	3.08	1.45
AV4130	50	Max WS	TR200_D2	5.41	352.57	353.46	353.62	354.07	0.027506	3.46		0.58	1.60	2.86	1.41
AV4130	49.000*	Max WS	TR200_D0.5	7.29	352.31	353.32	353.54	354.08	0.026824	3.89	0.41	0.77	1.97	3.22	1.45
AV4130	49.000*	Max WS	TR200_D1	7.34	352.31	353.32	353.54	354.09	0.026850	3.90	0.41	0.77	1.98	3.22	1.45
AV4130	49.000*	Max WS	TR200_D2	5.41	352.31	353.20	353.36	353.81	0.027032	3.47	0.22	0.58	1.60	3.00	1.41
AV4130	48.000*	Max WS	TR200_D0.5	7.29	352.04	353.06	353.29	353.83	0.026089	3.91	0.60	0.77	2.01	3.41	1.44
AV4130	48.000*	Max WS	TR200_D1	7.34	352.04	353.06	353.29	353.84	0.026113	3.93	0.60	0.78	2.02	3.41	1.44
AV4130	48.000*	Max WS	TR200_D2	5.41	352.04	352.94	353.11	353.56	0.026073	3.49	0.47	0.57	1.61	3.12	1.40
AV4130	47.000*	Max WS	TR200_D0.5	7.29	351.78	352.81	353.04	353.58	0.025613	3.94	0.76	0.78	2.06	3.69	1.44
AV4130	47.000*	Max WS	TR200_D1	7.34	351.78	352.81	353.05	353.59	0.025639	3.95	0.76	0.79	2.07	3.70	1.44
AV4130	47.000*	Max WS	TR200_D2	5.41	351.78	352.69	352.87	353.31	0.025396	3.51	0.65	0.56	1.65	3.32	1.39
AV4130	46.000*	Max WS	TR200_D0.5	7.29	351.51	352.56	352.80	353.34	0.025811	3.99	0.92	0.79	2.14	4.15	1.45
AV4130	46.000*	Max WS	TR200_D1	7.34	351.51	352.56	352.81	353.34	0.025820	4.00	0.92	0.79	2.15	4.16	1.45
AV4130	46.000*	Max WS	TR200_D2	5.41	351.51	352.45	352.63	353.07	0.025277	3.55	0.81	0.57	1.69	3.62	1.39
AV4130	45	Max WS	TR200_D0.5	7.29	351.25	352.30	352.54	353.11	0.028407	4.13	1.10	0.79	2.21	4.99	1.52
AV4130	45	Max WS	TR200_D1	7.34	351.25	352.30	352.55	353.12	0.028427	4.14	1.10	0.80	2.23	4.99	1.52
AV4130	45	Max WS	TR200_D2	5.41	351.25	352.19	352.41	352.85	0.027893	3.69	1.00	0.58	1.71	4.11	1.46
AV4130	44.750*	Max WS	TR200_D0.5	7.29	350.98	352.04	352.26	352.78	0.026629	3.97	1.14	0.67	2.35	5.83	1.47
AV4130	44.750*	Max WS	TR200_D1	7.34	350.98	352.04	352.27	352.79	0.026639	3.98	1.14	0.67	2.36	5.86	1.47
AV4130	44.750*	Max WS	TR200_D2	5.41	350.98	351.93	352.14	352.55	0.026316	3.56	0.96	0.45	1.78	4.65	1.42
AV4130	44.500*	Max WS	TR200_D0.5	7.29	350.71	351.79	352.01	352.49	0.025306	3.84	1.00	0.58	2.43	6.75	1.43
AV4130	44.500*	Max WS	TR200_D1	7.34	350.71	351.79	352.01	352.49	0.025347	3.85	1.01	0.58	2.45	6.79	1.43
AV4130	44.500*	Max WS	TR200_D2	5.41	350.71	351.68	351.89	352.27	0.025136	3.46	0.77	0.37	1.81	5.13	1.39
AV4130	44.250*	Max WS	TR200_D0.5	7.29	350.44	351.55	351.77	352.22	0.024290	3.73	0.80	0.50	2.48	7.80	1.38
AV4130	44.250*	Max WS	TR200_D1	7.34	350.44	351.55	351.77	352.23	0.024317	3.75	0.81	0.50	2.49	7.86	1.39
AV4130	44.250*	Max WS	TR200_D2	5.41	350.44	351.45	351.65	352.01	0.023659	3.34	0.50	0.31	1.80	5.52	1.33
AV4130	44.000*	Max WS	TR200_D0.5	7.29	350.18	351.33	351.53	351.95	0.022029	3.56	0.58	0.46	2.57	9.12	1.30
AV4130	44.000*	Max WS	TR200_D1	7.34	350.18	351.33	351.53	351.95	0.022039	3.57	0.58	0.47	2.60	9.12	1.31
AV4130	44.000*	Max WS	TR200_D2	5.41	350.18	351.24	351.42	351.72	0.019440	3.08	0.34	0.28	1.90	5.78	1.20
AV4130	43.750*	Max WS	TR200_D0.5	7.29	349.91	351.15	351.30	351.63	0.016365	3.15	0.41	0.52	3.01	10.15	1.12
AV4130	43.750*	Max WS	TR200_D1	7.34	349.91	351.15	351.30	351.63	0.016462	3.17	0.41	0.52	3.02	10.15	1.12
AV4130	43.750*	Max WS	TR200_D2	5.41	349.91	351.09	351.19	351.43	0.012050	2.59	0.28	0.31	2.49	9.26	0.95
AV4130	43.500*	Max WS	TR200_D0.5	5.62	349.64	351.03	350.95	351.20	0.005398	1.93	0.28	0.44	4.14	11.18	0.64
AV4130	43.500*	Max WS	TR200_D1	7.34	349.64	351.03	351.07	351.32	0.009245	2.53	0.37	0.57	4.13	11.18	0.84
AV4130	43.500*	Max WS	TR200_D2	5.41	349.64	351.01	350.92	351.18	0.005435	1.91	0.26	0.42	3.96	11.18	0.64
AV4130	43.250*	Max WS	TR200_D0.5	5.12	349.37	351.01		351.07	0.001645	1.20	0.25	0.37	6.73	12.21	0.36
AV4130	43.250*	Max WS	TR200_D1	5.01	349.37	351.02		351.07	0.001565	1.17	0.25	0.36	6.75	12.21	0.35
AV4130	43.250*	Max WS	TR200_D2	5.40	349.37	351.00		351.07	0.001969	1.29	0.27	0.39	6.52	12.21	0.39
AV4130	43	Max WS	TR200_D0.5	4.26	349.10	351.04	350.24	351.05	0.000442	0.69	0.18	0.25	10.17	13.24	0.19
AV4130	43	Max WS	TR200_D1	4.26	349.10	351.04	350.24	351.05	0.000443	0.69	0.18	0.25	10.16	13.24	0.19
AV4130	43	Max WS	TR200_D2	4.23	349.10	351.03	350.24	351.05	0.000448	0.69	0.18	0.25	10.05	13.24	0.19
AV4130	42.5			Bridge											
AV4130	42	Max WS	TR200_D0.5	6.22	349.56	350.48	350.47	350.73	0.007460	2.26	0.34	0.35	3.47	9.67	0.77
AV4130	42	Max WS	TR200_D1	6.28	349.56	350.49	350.48	350.74	0.007438	2.27	0.34	0.36	3.51	9.67	0.77
AV4130	42	Max WS	TR200_D2	4.23	349.56	350.31		350.51	0.007678	1.99	0.22	0.36	2.20	3.73	0.76
AV4130	41.99			Lat Struct											
AV4130	41.98			Lat Struct											
AV4130	41.875*	Max WS	TR200_D0.5	7.07	349.46	350.41	350.35	350.74	0.009767	2.56	0.33	0.24	3.12	9.61	0.86
AV4130	41.875*	Max WS	TR200_D1	7.12	349.46	350.42	350.35	350.75	0.009720	2.56	0.33	0.25	3.16	9.61	0.86
AV4130	41.875*	Max WS	TR200_D2	5.15	349.46	350.24		350.52	0.010849	2.34	0.18	0.34	2.24	3.51	0.88
AV4130	41.750*	Max WS	TR200_D0.5	7.29	349.35	350.33	350.26	350.68	0.010416	2.60	0.27	0.44	2.89	3.79	0.86
AV4130	41.750*	Max WS	TR200_D1	7.34	349.35	350.34	350.27	350.68	0.010380	2.60	0.28	0.44	2.91	3.80	0.86
AV4130	41.750*	Max WS	TR200_D2	5.41	349.35	350.15		350.45	0.012284	2.43	0.04	0.24	2.24	3.23	0.90
AV4130	41.625*	Max WS	TR200_D0.5	7.29	349.25	350.25		350.58	0.010488	2.56	0.19	0.35	2.89	3.54	0.84
AV4130	41.625*	Max WS	TR200_D1	7.34	349.25	350.26		350.59	0.010444	2.56	0.19	0.36	2.91	3.55	0.84
AV4130	41.625*	Max WS	TR200_D2	5.41	349.25	350.05		350.35	0.012611	2.42		0.03	2.23	3.01	0.90
AV4130	41.5	Max WS	TR200_D0.5	7.29	349.14	350.17		350.49	0.010508	2.51	0.07	0.25	2.91	3.29	0.82
AV4130	41.5	Max WS	TR200_D1	7.34	349.14	350.17		350.50	0.010460	2.52	0.08	0.26	2.93	3.31	0.82
AV4130	41.5	Max WS	TR200_D2	5.41	349.14	349.95		350.25	0.012536	2.42			2.24	2.98	0.89
AV4130	41.2			Culvert											
AV4130	41	Max WS	TR200_D0.5	7.29	348.22	349.37		349.74	0.012961	2.71			2.69	2.91	0.90
AV4130	41	Max WS	TR200_D1	7.34	348.22	349.37		349.75	0.012954	2.71			2.71	2.91	0.90
AV4130	41	Max WS	TR200_D2	5.41	348.22	349.16		349.50	0.013810	2.56			2.11	2.73	0.93
AV4130	40.99			Lat Struct											
AV4130	40.98			Lat Struct											
AV4130	40.875*	Max WS	TR200_D0.5	7.29	348.02	349.24		349.61	0.012036	2.67			2.73	2.81	0.87
AV4130	40.875*	Max WS	TR200_D1	7.34	348.02	349.25		349.61	0.012024	2.68			2.74	2.81	0.87
AV4130	40.875*	Max WS	TR200_D2	5.41	348.02	349.03		349.36	0.013016	2.53			2.14	2.72	0.91

HEC-RAS River: AV4130 Reach: AV4130 Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
AV4130	40.750*	Max WS	TR200_D0.5	7.29	347.83	349.13		349.48	0.011317	2.63			2.77	2.72	0.83
AV4130	40.750*	Max WS	TR200_D1	7.34	347.83	349.13		349.49	0.011307	2.64			2.78	2.72	0.83
AV4130	40.750*	Max WS	TR200_D2	5.41	347.83	348.91		349.22	0.012133	2.49			2.17	2.66	0.88
AV4130	40.625*	Max WS	TR200_D0.5	7.29	347.63	349.02		349.36	0.010941	2.60			2.80	2.62	0.80
AV4130	40.625*	Max WS	TR200_D1	7.33	347.63	349.02		349.37	0.010936	2.61			2.81	2.63	0.80
AV4130	40.625*	Max WS	TR200_D2	5.41	347.63	348.79		349.10	0.011531	2.46			2.20	2.58	0.85
AV4130	40.500*	Max WS	TR200_D0.5	7.29	347.44	348.91		349.25	0.010916	2.59			2.81	2.53	0.79
AV4130	40.500*	Max WS	TR200_D1	7.33	347.44	348.92		349.26	0.010910	2.60			2.82	2.53	0.78
AV4130	40.500*	Max WS	TR200_D2	5.41	347.44	348.68		348.98	0.011281	2.43			2.23	2.49	0.82
AV4130	40.375*	Max WS	TR200_D0.5	7.29	347.24	348.80		349.15	0.011366	2.61			2.79	2.44	0.78
AV4130	40.375*	Max WS	TR200_D1	7.33	347.24	348.81		349.15	0.011361	2.61			2.80	2.44	0.78
AV4130	40.375*	Max WS	TR200_D2	5.41	347.24	348.56		348.87	0.011524	2.44			2.22	2.39	0.81
AV4130	40.250*	Max WS	TR200_D0.5	7.29	347.04	348.68		349.05	0.012461	2.67			2.73	2.34	0.79
AV4130	40.250*	Max WS	TR200_D1	7.33	347.04	348.69		349.05	0.012460	2.67			2.74	2.34	0.79
AV4130	40.250*	Max WS	TR200_D2	5.41	347.04	348.45		348.76	0.012407	2.48			2.19	2.28	0.81
AV4130	40.125*	Max WS	TR200_D0.5	7.29	346.85	348.55		348.95	0.014652	2.79			2.61	2.23	0.82
AV4130	40.125*	Max WS	TR200_D1	7.33	346.85	348.55		348.95	0.014636	2.80			2.62	2.23	0.82
AV4130	40.125*	Max WS	TR200_D2	5.41	346.85	348.31		348.65	0.014292	2.58			2.10	2.12	0.83
AV4130	40	Max WS	TR200_D0.5	7.28	346.65	348.38		348.85	0.019067	3.03			2.40	2.07	0.90
AV4130	40	Max WS	TR200_D1	7.33	346.65	348.39		348.86	0.019083	3.04			2.41	2.07	0.90
AV4130	40	Max WS	TR200_D2	5.41	346.65	348.16		348.55	0.017847	2.77			1.96	1.90	0.87
AV4130	39.167*	Max WS	TR200_D0.5	7.27	346.49	348.22		348.68	0.018376	3.00			2.43	2.10	0.89
AV4130	39.167*	Max WS	TR200_D1	7.33	346.49	348.22		348.68	0.018425	3.01			2.44	2.10	0.89
AV4130	39.167*	Max WS	TR200_D2	5.41	346.49	348.00		348.38	0.016768	2.71			2.00	1.94	0.85
AV4130	38.333*	Max WS	TR200_D0.5	7.24	346.33	348.06		348.50	0.017081	2.93			2.47	2.07	0.86
AV4130	38.333*	Max WS	TR200_D1	7.30	346.33	348.06		348.51	0.017154	2.94			2.48	2.07	0.86
AV4130	38.333*	Max WS	TR200_D2	5.41	346.33	347.86		348.21	0.015147	2.62			2.07	1.99	0.82
AV4130	37.500*	Max WS	TR200_D0.5	7.15	346.17	347.92		348.32	0.015154	2.81			2.55	2.02	0.80
AV4130	37.500*	Max WS	TR200_D1	7.30	346.17	347.92		348.34	0.015791	2.86			2.55	2.02	0.81
AV4130	37.500*	Max WS	TR200_D2	5.41	346.17	347.74		348.05	0.012962	2.48			2.19	2.01	0.76
AV4130	36.667*	Max WS	TR200_D0.5	6.89	346.01	347.80		348.14	0.012473	2.59			2.66	1.96	0.71
AV4130	36.667*	Max WS	TR200_D1	6.88	346.01	347.79		348.14	0.012499	2.59			2.66	1.96	0.71
AV4130	36.667*	Max WS	TR200_D2	5.39	346.01	347.64		347.91	0.010358	2.28			2.36	1.96	0.66
AV4130	35.833*	Max WS	TR200_D0.5	6.43	345.85	347.78		348.02	0.008310	2.17			2.96	1.91	0.56
AV4130	35.833*	Max WS	TR200_D1	6.37	345.85	347.78		348.01	0.008145	2.15			2.96	1.91	0.55
AV4130	35.833*	Max WS	TR200_D2	5.46	345.85	347.58		347.81	0.008444	2.12			2.58	1.90	0.58
AV4130	35	Max WS	TR200_D0.5	5.07	345.69	347.86		347.97	0.003490	1.48		0.13	3.48	2.10	0.35
AV4130	35	Max WS	TR200_D1	5.07	345.69	347.86		347.97	0.003490	1.48		0.13	3.48	2.10	0.35
AV4130	35	Max WS	TR200_D2	4.16	345.69	347.68		347.77	0.003140	1.34		0.05	3.12	2.10	0.33
AV4130	33			Culvert											
AV4130	32	Max WS	TR200_D0.5	5.03	344.48	345.23	345.34	345.64	0.020465	2.81			1.79	3.51	1.26
AV4130	32	Max WS	TR200_D1	4.99	344.48	345.23	345.33	345.63	0.020194	2.79			1.79	3.51	1.25
AV4130	32	Max WS	TR200_D2	4.16	344.48	345.18	345.24	345.52	0.019215	2.61			1.59	3.35	1.21
AV4130	31.99			Lat Struct											
AV4130	31.98			Lat Struct											
AV4130	31.333*	Max WS	TR200_D0.5	4.97	344.28	345.03	345.12	345.43	0.019883	2.77			1.79	3.51	1.24
AV4130	31.333*	Max WS	TR200_D1	4.97	344.28	345.03	345.12	345.43	0.019872	2.77			1.79	3.51	1.24
AV4130	31.333*	Max WS	TR200_D2	4.30	344.28	344.98	345.06	345.34	0.019866	2.67			1.61	3.36	1.23
AV4130	30.667*	Max WS	TR200_D0.5	5.03	344.08	344.83	344.93	345.23	0.020170	2.80			1.80	3.52	1.25
AV4130	30.667*	Max WS	TR200_D1	5.03	344.08	344.83	344.94	345.23	0.020187	2.80			1.80	3.52	1.25
AV4130	30.667*	Max WS	TR200_D2	4.33	344.08	344.78	344.86	345.15	0.020180	2.69			1.61	3.37	1.24
AV4130	30	Max WS	TR200_D0.5	5.07	343.88	344.63	344.74	345.04	0.020797	2.84			1.79	3.51	1.27
AV4130	30	Max WS	TR200_D1	5.07	343.88	344.63	344.74	345.04	0.020824	2.84			1.79	3.51	1.27
AV4130	30	Max WS	TR200_D2	4.36	343.88	344.58	344.67	344.96	0.021107	2.74			1.59	3.35	1.27
AV4130	29.375*	Max WS	TR200_D0.5	5.09	343.63	344.44	344.53	344.85	0.020516	2.85			1.78	3.39	1.26
AV4130	29.375*	Max WS	TR200_D1	5.09	343.63	344.44	344.53	344.85	0.020547	2.86			1.78	3.39	1.26
AV4130	29.375*	Max WS	TR200_D2	4.37	343.63	344.38	344.47	344.77	0.020803	2.75			1.59	3.23	1.25
AV4130	28.750*	Max WS	TR200_D0.5	5.10	343.38	344.25	344.34	344.67	0.020051	2.86			1.78	3.28	1.24
AV4130	28.750*	Max WS	TR200_D1	5.09	343.38	344.25	344.34	344.67	0.020084	2.86			1.78	3.27	1.24
AV4130	28.750*	Max WS	TR200_D2	4.38	343.38	344.19	344.27	344.58	0.020356	2.76			1.59	3.12	1.24
AV4130	28.125*	Max WS	TR200_D0.5	5.10	343.13	344.07	344.14	344.47	0.019038	2.82			1.81	3.18	1.20
AV4130	28.125*	Max WS	TR200_D1	5.09	343.13	344.07	344.14	344.47	0.019058	2.82			1.80	3.18	1.20
AV4130	28.125*	Max WS	TR200_D2	4.38	343.13	344.00	344.08	344.38	0.019433	2.73			1.60	3.02	1.20
AV4130	27.500*	Max WS	TR200_D0.5	5.12	342.89	343.90	343.95	344.28	0.017467	2.75			1.86	3.12	1.14
AV4130	27.500*	Max WS	TR200_D1	5.11	342.89	343.90	343.95	344.28	0.017459	2.75			1.86	3.11	1.14
AV4130	27.500*	Max WS	TR200_D2	4.40	342.89	343.83	343.88	344.19	0.017641	2.66			1.65	2.96	1.14
AV4130	26.875*	Max WS	TR200_D0.5	5.19	342.64	343.74	343.77	344.10	0.015472	2.65			1.96	3.08	1.06
AV4130	26.875*	Max WS	TR200_D1	5.18	342.64	343.74	343.77	344.10	0.015456	2.65			1.96	3.08	1.06
AV4130	26.875*	Max WS	TR200_D2	4.44	342.64	343.68	343.70	344.00	0.015133	2.53			1.76	2.94	1.04
AV4130	26.250*	Max WS	TR200_D0.5	5.26	342.39	343.61	343.58	343.93	0.012734	2.49	0.07	0.07	2.11	3.33	0.96
AV4130	26.250*	Max WS	TR200_D1	5.25	342.39	343.61	343.58	343.93	0.012737	2.49	0.07	0.07	2.11	3.31	0.96
AV4130	26.250*	Max WS	TR200_D2	4.49	342.39	343.55		343.83	0.012000	2.33			1.93	2.96	0.92
AV4130	25.625*	Max WS	TR200_D0.5	5.29	342.14	343.51	343.40	343.77	0.009049	2.25	0.21	0.21	2.43	4.71	0.81
AV4130	25.625*	Max WS	TR200_D1	5.28	342.14	343.51	343.39	343.77	0.009028	2.25	0.21	0.21	2.42	4.70	0.81
AV4130	25.625*	Max WS	TR200_D2	4.51	342.14	343.46		343.67	0.008375	2.07	0.12	0.12	2.20	3.72	0.77
AV4130	25	Max WS	TR200_D0.5	5.31	341.89	343.44	343.21	343.63	0.005845	1.96	0.26	0.26	3.12	7.86	0.65
AV4130	25	Max WS	TR200_D1	5.30	341.89	343.44	343.21	343.63	0.005850	1.96	0.26	0.26	3.11	7.86	0.65

HEC-RAS River: AV4130 Reach: AV4130 Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
AV4130	25	Max WS	TR200_D2	4.53	341.89	343.39		343.55	0.005237	1.79	0.19	0.19	2.75	6.73	0.61
AV4130	24.000*	Max WS	TR200_D0.5	5.30	341.74	343.41		343.54	0.003653	1.67	0.34	0.34	4.00	7.86	0.52
AV4130	24.000*	Max WS	TR200_D1	5.29	341.74	343.41		343.54	0.003653	1.67	0.34	0.34	3.99	7.86	0.52
AV4130	24.000*	Max WS	TR200_D2	4.56	341.74	343.36		343.47	0.003247	1.53	0.27	0.27	3.64	7.86	0.49
AV4130	23.000*	Max WS	TR200_D0.5	5.31	341.60	343.41		343.50	0.002073	1.38	0.35	0.35	5.19	7.86	0.40
AV4130	23.000*	Max WS	TR200_D1	5.30	341.60	343.41		343.50	0.002069	1.38	0.35	0.35	5.18	7.86	0.40
AV4130	23.000*	Max WS	TR200_D2	4.56	341.60	343.37		343.44	0.001785	1.25	0.30	0.30	4.84	7.86	0.37
AV4130	22	Max WS	TR200_D0.5	5.00	341.45	343.43		343.48	0.001067	1.08	0.32	0.32	6.49	7.86	0.30
AV4130	22	Max WS	TR200_D1	4.99	341.45	343.43		343.48	0.001064	1.08	0.32	0.32	6.49	7.86	0.30
AV4130	22	Max WS	TR200_D2	4.29	341.45	343.38		343.43	0.000909	0.97	0.28	0.28	6.13	7.86	0.27
AV4130	21			Culvert											
AV4130	20	Max WS	TR200_D0.5	5.00	341.12	342.44	342.63	343.10	0.070456	4.25		1.49	1.88	6.32	1.41
AV4130	20	Max WS	TR200_D1	4.99	341.12	342.44	342.63	343.10	0.070633	4.25		1.49	1.88	6.32	1.41
AV4130	20	Max WS	TR200_D2	4.29	341.12	342.39	342.59	343.13	0.076231	4.32		1.29	1.57	6.32	1.47
AV4130	15	Max WS	TR200_D0.5	5.00	340.87	342.34	342.44	342.75	0.024842	3.12	0.97	1.05	2.27	4.68	0.87
AV4130	15	Max WS	TR200_D1	4.99	340.87	342.34	342.44	342.75	0.024846	3.12	0.97	1.04	2.27	4.68	0.87
AV4130	15	Max WS	TR200_D2	4.26	340.87	342.29	342.38	342.66	0.022838	2.91	0.85	0.88	2.03	4.68	0.83
AV4130	14.99			Lat Struct											
AV4130	14.98			Lat Struct											
AV4130	14.167*	Max WS	TR200_D0.5	4.95	340.78	342.11	342.26	342.62	0.025502	3.32	0.89	0.85	1.98	4.53	1.00
AV4130	14.167*	Max WS	TR200_D1	4.95	340.78	342.11	342.26	342.62	0.025498	3.32	0.89	0.85	1.98	4.53	1.00
AV4130	14.167*	Max WS	TR200_D2	4.51	340.78	342.07	342.22	342.57	0.025775	3.25	0.83	0.72	1.79	4.53	1.00
AV4130	13.333*	Max WS	TR200_D0.5	4.70	340.69	341.88	342.05	342.43	0.025458	3.37	0.79	0.62	1.69	4.21	1.11
AV4130	13.333*	Max WS	TR200_D1	4.70	340.69	341.88	342.05	342.43	0.025465	3.37	0.78	0.61	1.69	4.21	1.11
AV4130	13.333*	Max WS	TR200_D2	4.24	340.69	341.85	342.01	342.35	0.024445	3.21	0.71	0.53	1.54	3.81	1.08
AV4130	12.500*	Max WS	TR200_D0.5	4.29	340.60	341.66	341.82	342.18	0.023901	3.24	0.66	0.45	1.47	3.39	1.15
AV4130	12.500*	Max WS	TR200_D1	4.29	340.60	341.66	341.83	342.18	0.023887	3.24	0.66	0.45	1.47	3.39	1.15
AV4130	12.500*	Max WS	TR200_D2	3.93	340.60	341.63	341.79	342.11	0.022700	3.08	0.61	0.38	1.38	3.12	1.12
AV4130	11.667*	Max WS	TR200_D0.5	3.83	340.51	341.46	341.58	341.91	0.021413	3.00	0.54	0.30	1.34	2.85	1.16
AV4130	11.667*	Max WS	TR200_D1	3.83	340.51	341.46	341.58	341.91	0.021384	3.00	0.54	0.30	1.34	2.85	1.16
AV4130	11.667*	Max WS	TR200_D2	3.58	340.51	341.44	341.53	341.86	0.020599	2.89	0.51	0.25	1.29	2.68	1.13
AV4130	10.833*	Max WS	TR200_D0.5	3.16	340.42	341.30	341.30	341.60	0.014048	2.44	0.35	0.21	1.34	2.77	0.98
AV4130	10.833*	Max WS	TR200_D1	3.16	340.42	341.30	341.30	341.60	0.014036	2.44	0.35	0.21	1.34	2.77	0.98
AV4130	10.833*	Max WS	TR200_D2	3.00	340.42	341.28	341.27	341.57	0.013660	2.37	0.34	0.18	1.30	2.65	0.97
AV4130	10	Max WS	TR200_D0.5	2.75	340.32	341.19		341.38	0.008971	1.91		0.23	1.48	3.13	0.77
AV4130	10	Max WS	TR200_D1	2.75	340.32	341.19		341.38	0.008962	1.91		0.23	1.48	3.13	0.77
AV4130	10	Max WS	TR200_D2	2.64	340.32	341.18		341.36	0.008706	1.86		0.21	1.45	3.05	0.76
AV4130	9.6667*	Max WS	TR200_D0.5	2.27	340.32	341.12		341.28	0.009204	1.80		0.11	1.26	2.55	0.78
AV4130	9.6667*	Max WS	TR200_D1	2.27	340.32	341.12		341.28	0.009186	1.80		0.11	1.26	2.55	0.77
AV4130	9.6667*	Max WS	TR200_D2	2.19	340.32	341.11		341.27	0.008982	1.77		0.09	1.24	2.49	0.77
AV4130	9.3333*	Max WS	TR200_D0.5	1.74	340.32	341.04		341.17	0.008144	1.59			1.09	2.23	0.73
AV4130	9.3333*	Max WS	TR200_D1	1.74	340.32	341.04		341.17	0.008140	1.59			1.09	2.23	0.73
AV4130	9.3333*	Max WS	TR200_D2	1.69	340.32	341.04		341.16	0.007954	1.57			1.08	2.22	0.72
AV4130	9.0000*	Max WS	TR200_D0.5	1.35	340.32	340.99		341.08	0.006849	1.40			0.97	2.16	0.67
AV4130	9.0000*	Max WS	TR200_D1	1.35	340.32	340.99		341.08	0.006847	1.40			0.97	2.16	0.67
AV4130	9.0000*	Max WS	TR200_D2	1.35	340.32	340.99		341.08	0.006847	1.40			0.97	2.16	0.67
AV4130	8.6667*	Max WS	TR200_D0.5	1.13	340.32	340.96		341.04	0.005444	1.22			0.92	2.13	0.59
AV4130	8.6667*	Max WS	TR200_D1	1.13	340.32	340.96		341.04	0.005457	1.22			0.92	2.13	0.59
AV4130	8.6667*	Max WS	TR200_D2	1.13	340.32	340.96		341.04	0.005458	1.22			0.92	2.13	0.59
AV4130	8.3333*	Max WS	TR200_D0.5	0.97	340.32	340.95		341.01	0.004582	1.10			0.88	2.11	0.54
AV4130	8.3333*	Max WS	TR200_D1	0.98	340.32	340.95		341.01	0.004597	1.10			0.88	2.11	0.55
AV4130	8.3333*	Max WS	TR200_D2	0.98	340.32	340.95		341.01	0.004597	1.10			0.88	2.11	0.55
AV4130	8	Max WS	TR200_D0.5	0.90	340.32	340.91		340.97	0.004918	1.11			0.81	2.06	0.56
AV4130	8	Max WS	TR200_D1	0.90	340.32	340.91		340.97	0.004932	1.11			0.81	2.06	0.56
AV4130	8	Max WS	TR200_D2	0.90	340.32	340.91		340.97	0.004922	1.11			0.81	2.06	0.56
AV4130	7.8571*	Max WS	TR200_D0.5	0.87	340.28	340.87		340.93	0.004703	1.08			0.81	2.06	0.55
AV4130	7.8571*	Max WS	TR200_D1	0.87	340.28	340.87		340.93	0.004713	1.08			0.81	2.06	0.55
AV4130	7.8571*	Max WS	TR200_D2	0.87	340.28	340.87		340.93	0.004699	1.08			0.81	2.06	0.55
AV4130	7.7143*	Max WS	TR200_D0.5	0.84	340.24	340.83		340.89	0.004536	1.06			0.80	2.06	0.54
AV4130	7.7143*	Max WS	TR200_D1	0.84	340.24	340.83		340.89	0.004406	1.04			0.80	2.06	0.53
AV4130	7.7143*	Max WS	TR200_D2	0.84	340.24	340.83		340.89	0.004404	1.04			0.80	2.06	0.53
AV4130	7.5714*	Max WS	TR200_D0.5	0.82	340.21	340.79		340.84	0.004228	1.02			0.80	2.06	0.52
AV4130	7.5714*	Max WS	TR200_D1	0.81	340.21	340.80		340.85	0.004060	1.00			0.81	2.06	0.51
AV4130	7.5714*	Max WS	TR200_D2	0.81	340.21	340.80		340.85	0.004078	1.00			0.81	2.06	0.51
AV4130	7.4286*	Max WS	TR200_D0.5	0.79	340.17	340.76		340.81	0.003870	0.98			0.81	2.06	0.50
AV4130	7.4286*	Max WS	TR200_D1	0.77	340.17	340.77		340.81	0.003359	0.92			0.83	2.08	0.47
AV4130	7.4286*	Max WS	TR200_D2	0.76	340.17	340.77		340.81	0.003384	0.92			0.83	2.07	0.47
AV4130	7.2857*	Max WS	TR200_D0.5	0.74	340.13	340.74		340.78	0.003006	0.88			0.84	2.08	0.44
AV4130	7.2857*	Max WS	TR200_D1	0.72	340.13	340.75		340.79	0.002514	0.82			0.88	2.10	0.40
AV4130	7.2857*	Max WS	TR200_D2	0.69	340.13	340.76		340.79	0.002329	0.79			0.88	2.11	0.39
AV4130	7.1429*	Max WS	TR200_D0.5	0.70	340.09	340.72		340.75	0.002348	0.79			0.89	2.11	0.39
AV4130	7.1429*	Max WS	TR200_D1	0.69	340.09	340.74		340.77	0.002027	0.75			0.93	2.13	0.36
AV4130	7.1429*	Max WS	TR200_D2	0.64	340.09	340.75		340.77	0.001665	0.68			0.95	2.15	0.33
AV4130	7.0000*	Max WS	TR200_D0.5	0.66	340.06	340.71		340.74	0.001759	0.70			0.95	2.15	0.34
AV4130	7.0000*	Max WS	TR200_D1	0.66	340.06	340.73		340.75	0.001568	0.67			0.99	2.17	0.32
AV4130	7.0000*	Max WS	TR200_D2	0.60	340.06	340.74		340.76	0.001172	0.59			1.02	2.19	0.28
AV4130	6.8571*	Max WS	TR200_D0.5	0.65	340.02	340.70		340.72	0.001453	0.65			1.00	2.18	0.31

HEC-RAS River: AV4130 Reach: AV4130 Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
AV4130	6.8571*	Max WS	TR200_D1	0.66	340.02	340.72		340.74	0.001341	0.63			1.04	2.20	0.29
AV4130	6.8571*	Max WS	TR200_D2	0.57	340.02	340.74		340.75	0.000882	0.52			1.09	2.23	0.24
AV4130	6.7143*	Max WS	TR200_D0.5	0.66	339.98	340.69		340.71	0.001279	0.62			1.06	2.21	0.29
AV4130	6.7143*	Max WS	TR200_D1	0.67	339.98	340.70		340.72	0.001200	0.61			1.10	2.24	0.28
AV4130	6.7143*	Max WS	TR200_D2	0.54	339.98	340.73		340.74	0.000670	0.47			1.17	2.27	0.21
AV4130	6.5714*	Max WS	TR200_D0.5	0.60	339.94	340.68		340.70	0.000874	0.53			1.14	2.26	0.24
AV4130	6.5714*	Max WS	TR200_D1	0.62	339.94	340.70		340.72	0.000839	0.53			1.18	2.29	0.23
AV4130	6.5714*	Max WS	TR200_D2	0.52	339.94	340.73		340.74	0.000504	0.42		0.02	1.25	2.51	0.18
AV4130	6.4286*	Max WS	TR200_D0.5	0.77	339.90	340.66		340.68	0.001371	0.67			1.16	2.27	0.30
AV4130	6.4286*	Max WS	TR200_D1	0.79	339.90	340.68		340.70	0.001292	0.66		0.02	1.20	2.37	0.29
AV4130	6.4286*	Max WS	TR200_D2	0.48	339.90	340.73		340.73	0.000350	0.36		0.03	1.34	2.76	0.15
AV4130	6.2857*	Max WS	TR200_D0.5	0.88	339.87	340.63		340.66	0.001660	0.74		0.01	1.18	2.30	0.33
AV4130	6.2857*	Max WS	TR200_D1	0.90	339.87	340.65		340.68	0.001533	0.73		0.03	1.23	2.47	0.32
AV4130	6.2857*	Max WS	TR200_D2	0.48	339.87	340.72		340.73	0.000291	0.34		0.04	1.44	3.03	0.14
AV4130	6.1429*	Max WS	TR200_D0.5	0.86	339.83	340.62		340.64	0.001373	0.69		0.04	1.25	2.51	0.30
AV4130	6.1429*	Max WS	TR200_D1	0.45	339.83	340.64		340.65	0.000331	0.35		0.03	1.31	2.69	0.15
AV4130	6.1429*	Max WS	TR200_D2	0.47	339.83	340.72		340.73	0.000236	0.32		0.04	1.55	3.31	0.12
AV4130	6	Max WS	TR200_D0.5	0.84	339.79	340.61		340.63	0.001094	0.64		0.05	1.33	2.74	0.27
AV4130	6	Max WS	TR200_D1	0.42	339.79	340.64		340.65	0.000237	0.30		0.03	1.42	2.97	0.12
AV4130	6	Max WS	TR200_D2	0.47	339.79	340.72		340.73	0.000199	0.30		0.05	1.68	3.58	0.11
AV4130	5.8571*	Max WS	TR200_D0.5	0.83	339.75	340.60		340.62	0.000921	0.60		0.06	1.41	2.96	0.25
AV4130	5.8571*	Max WS	TR200_D1	0.41	339.75	340.64		340.64	0.000190	0.28		0.04	1.53	3.24	0.11
AV4130	5.8571*	Max WS	TR200_D2	0.48	339.75	340.72		340.72	0.000176	0.29		0.05	1.81	3.80	0.11
AV4130	5.7143*	Max WS	TR200_D0.5	0.83	339.72	340.60		340.61	0.000792	0.57		0.07	1.50	3.17	0.23
AV4130	5.7143*	Max WS	TR200_D1	0.36	339.72	340.64		340.64	0.000119	0.23		0.03	1.64	3.50	0.09
AV4130	5.7143*	Max WS	TR200_D2	0.49	339.72	340.72		340.72	0.000159	0.28		0.06	1.94	3.80	0.10
AV4130	5.5714*	Max WS	TR200_D0.5	0.82	339.68	340.59		340.61	0.000677	0.54		0.08	1.60	3.41	0.21
AV4130	5.5714*	Max WS	TR200_D1	0.34	339.68	340.64		340.64	0.000094	0.21		0.03	1.77	3.77	0.08
AV4130	5.5714*	Max WS	TR200_D2	0.49	339.68	340.72		340.72	0.000136	0.27		0.06	2.07	3.80	0.10
AV4130	5.4286*	Max WS	TR200_D0.5	0.83	339.65	340.59		340.60	0.000590	0.52		0.08	1.71	3.64	0.20
AV4130	5.4286*	Max WS	TR200_D1	0.35	339.65	340.64		340.64	0.000082	0.20		0.04	1.90	3.80	0.07
AV4130	5.4286*	Max WS	TR200_D2	0.48	339.65	340.72		340.72	0.000112	0.25		0.06	2.20	3.80	0.09
AV4130	5.2857*	Max WS	TR200_D0.5	0.84	339.61	340.58		340.59	0.000524	0.50		0.09	1.82	3.80	0.19
AV4130	5.2857*	Max WS	TR200_D1	0.32	339.61	340.64		340.64	0.000061	0.18		0.04	2.04	3.80	0.06
AV4130	5.2857*	Max WS	TR200_D2	0.47	339.61	340.72		340.72	0.000091	0.23		0.06	2.34	3.80	0.08
AV4130	5.1429*	Max WS	TR200_D0.5	0.86	339.58	340.58		340.59	0.000477	0.48		0.10	1.94	3.80	0.18
AV4130	5.1429*	Max WS	TR200_D1	0.32	339.58	340.64		340.64	0.000053	0.17		0.04	2.17	3.80	0.06
AV4130	5.1429*	Max WS	TR200_D2	0.45	339.58	340.72		340.72	0.000075	0.21		0.06	2.47	3.80	0.07
AV4130	5.0000*	Max WS	TR200_D0.5	0.91	339.54	340.57		340.58	0.000476	0.49		0.11	2.05	3.80	0.18
AV4130	5.0000*	Max WS	TR200_D1	0.31	339.54	340.64		340.64	0.000042	0.15		0.04	2.31	3.80	0.05
AV4130	5.0000*	Max WS	TR200_D2	0.43	339.54	340.72		340.72	0.000061	0.19		0.05	2.61	3.80	0.06
AV4130	4.8571*	Max WS	TR200_D0.5	0.94	339.50	340.57		340.58	0.000443	0.49		0.11	2.17	3.80	0.17
AV4130	4.8571*	Max WS	TR200_D1	0.30	339.50	340.64		340.64	0.000034	0.14		0.04	2.44	3.80	0.05
AV4130	4.8571*	Max WS	TR200_D2	0.42	339.50	340.72		340.72	0.000051	0.18		0.05	2.74	3.80	0.06
AV4130	4.7143*	Max WS	TR200_D0.5	0.38	339.47	340.56		340.56	0.000065	0.19		0.05	2.28	3.80	0.07
AV4130	4.7143*	Max WS	TR200_D1	0.29	339.47	340.64		340.64	0.000029	0.13		0.04	2.58	3.80	0.04
AV4130	4.7143*	Max WS	TR200_D2	0.40	339.47	340.72		340.72	0.000041	0.16		0.05	2.88	3.80	0.05
AV4130	4.5714*	Max WS	TR200_D0.5	0.31	339.43	340.58		340.58	0.000036	0.14		0.04	2.48	3.80	0.05
AV4130	4.5714*	Max WS	TR200_D1	0.29	339.43	340.64		340.64	0.000024	0.12		0.04	2.71	3.80	0.04
AV4130	4.5714*	Max WS	TR200_D2	0.40	339.43	340.72		340.72	0.000036	0.16		0.05	3.01	3.80	0.05
AV4130	4.4286*	Max WS	TR200_D0.5	0.49	339.40	340.56		340.56	0.000083	0.22		0.06	2.54	3.80	0.07
AV4130	4.4286*	Max WS	TR200_D1	0.39	339.40	340.64		340.64	0.000040	0.16		0.05	2.84	3.80	0.05
AV4130	4.4286*	Max WS	TR200_D2	0.60	339.40	340.71		340.72	0.000072	0.22		0.07	3.14	3.80	0.07
AV4130	4.2857*	Max WS	TR200_D0.5	0.49	339.36	340.56		340.56	0.000073	0.21		0.06	2.68	3.80	0.07
AV4130	4.2857*	Max WS	TR200_D1	0.39	339.36	340.64		340.64	0.000035	0.15		0.05	2.98	3.80	0.05
AV4130	4.2857*	Max WS	TR200_D2	0.60	339.36	340.71		340.71	0.000065	0.21		0.07	3.27	3.80	0.07
AV4130	4.27			Lat Struct											
AV4130	4.1429*	Max WS	TR200_D0.5	0.47	339.33	340.56		340.56	0.000060	0.20		0.06	2.81	3.80	0.06
AV4130	4.1429*	Max WS	TR200_D1	0.39	339.33	340.64		340.64	0.000032	0.15		0.05	3.11	3.80	0.05
AV4130	4.1429*	Max WS	TR200_D2	0.58	339.33	340.71		340.71	0.000056	0.20		0.07	3.40	3.80	0.06
AV4130	4	Max WS	TR200_D0.5	0.46	339.29	340.56		340.56	0.000050	0.18		0.06	2.95	3.80	0.06
AV4130	4	Max WS	TR200_D1	0.39	339.29	340.63		340.64	0.000028	0.14		0.05	3.25	3.80	0.04
AV4130	4	Max WS	TR200_D2	0.58	339.29	340.71		340.71	0.000050	0.19		0.07	3.54	3.80	0.06
AV4130	3.8571*	Max WS	TR200_D0.5	0.45	339.28	340.56		340.56	0.000046	0.18		0.06	3.00	3.80	0.06
AV4130	3.8571*	Max WS	TR200_D1	0.39	339.28	340.63		340.64	0.000027	0.14		0.05	3.30	3.80	0.04
AV4130	3.8571*	Max WS	TR200_D2	0.58	339.28	340.71		340.71	0.000048	0.19		0.07	3.59	3.80	0.06
AV4130	3.7143*	Max WS	TR200_D0.5	0.45	339.26	340.56		340.56	0.000044	0.17		0.06	3.05	3.80	0.05
AV4130	3.7143*	Max WS	TR200_D1	0.38	339.26	340.63		340.64	0.000025	0.14		0.05	3.35	3.80	0.04
AV4130	3.7143*	Max WS	TR200_D2	0.58	339.26	340.71		340.71	0.000047	0.19		0.07	3.64	3.80	0.06
AV4130	3.5714*	Max WS	TR200_D0.5	0.45	339.25	340.56		340.56	0.000042	0.17		0.05	3.10	3.80	0.05
AV4130	3.5714*	Max WS	TR200_D1	0.39	339.25	340.63		340.64	0.000025	0.14		0.05	3.40	3.80	0.04
AV4130	3.5714*	Max WS	TR200_D2	0.58	339.25	340.71		340.71	0.000045	0.19		0.07	3.69	3.80	0.05
AV4130	3.4286*	Max WS	TR200_D0.5	0.45	339.24	340.55		340.56	0.000041	0.17		0.05	3.15	3.80	0.05
AV4130	3.4286*	Max WS	TR200_D1	0.39	339.24	340.63		340.63	0.000024	0.13		0.05	3.45	3.80	0.04
AV4130	3.4286*	Max WS	TR200_D2	0.58	339.24	340.71		340.71	0.000043	0.18		0.07	3.74	3.80	0.05
AV4130	3.2857*	Max WS	TR200_D0.5	0.45	339.22	340.55		340.56	0.000039	0.16		0.05	3.20	3.80	0.05
AV4130	3.2857*	Max WS	TR200_D1	0.39	339.22	340.63		340.63	0.000023	0.13		0.04	3.50	3.80	0.04
AV4130	3.2857*	Max WS	TR200_D2	0.58	339.22	340.71		340.71	0.000042	0.18		0.06	3.79	3.80	0.05

HEC-RAS River: AV4130 Reach: AV4130 Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
AV4130	3.1429*	Max WS	TR200_D0.5	0.45	339.21	340.55		340.56	0.000038	0.16		0.05	3.25	3.80	0.05
AV4130	3.1429*	Max WS	TR200_D1	0.39	339.21	340.63		340.63	0.000023	0.13		0.05	3.55	3.80	0.04
AV4130	3.1429*	Max WS	TR200_D2	0.59	339.21	340.71		340.71	0.000042	0.18		0.07	3.84	3.80	0.05
AV4130	3.0000*	Max WS	TR200_D0.5	0.46	339.19	340.55		340.55	0.000038	0.16		0.06	3.30	3.80	0.05
AV4130	3.0000*	Max WS	TR200_D1	0.40	339.19	340.63		340.63	0.000023	0.13		0.05	3.60	3.80	0.04
AV4130	3.0000*	Max WS	TR200_D2	0.60	339.19	340.71		340.71	0.000042	0.18		0.07	3.89	3.80	0.05
AV4130	2.8571*	Max WS	TR200_D0.5	0.48	339.18	340.55		340.55	0.000040	0.17		0.06	3.35	3.80	0.05
AV4130	2.8571*	Max WS	TR200_D1	0.42	339.18	340.63		340.63	0.000024	0.14		0.05	3.65	3.80	0.04
AV4130	2.8571*	Max WS	TR200_D2	0.62	339.18	340.71		340.71	0.000044	0.19		0.07	3.94	3.80	0.05
AV4130	2.7143*	Max WS	TR200_D0.5	0.51	339.17	340.55		340.55	0.000043	0.18		0.06	3.40	3.80	0.05
AV4130	2.7143*	Max WS	TR200_D1	0.44	339.17	340.63		340.63	0.000026	0.14		0.05	3.70	3.80	0.04
AV4130	2.7143*	Max WS	TR200_D2	0.64	339.17	340.71		340.71	0.000045	0.19		0.07	3.99	3.80	0.05
AV4130	2.5714*	Max WS	TR200_D0.5	0.54	339.15	340.55		340.55	0.000047	0.19		0.06	3.45	3.80	0.06
AV4130	2.5714*	Max WS	TR200_D1	0.46	339.15	340.63		340.63	0.000027	0.15		0.05	3.75	3.80	0.04
AV4130	2.5714*	Max WS	TR200_D2	0.66	339.15	340.71		340.71	0.000047	0.20		0.07	4.04	3.80	0.06
AV4130	2.4286*	Max WS	TR200_D0.5	0.59	339.14	340.55		340.55	0.000054	0.20		0.07	3.49	3.80	0.06
AV4130	2.4286*	Max WS	TR200_D1	0.49	339.14	340.63		340.63	0.000030	0.15		0.05	3.80	3.80	0.04
AV4130	2.4286*	Max WS	TR200_D2	0.69	339.14	340.70		340.71	0.000050	0.20		0.07	4.08	3.80	0.06
AV4130	2.2857*	Max WS	TR200_D0.5	0.67	339.13	340.55		340.55	0.000067	0.23		0.08	3.54	3.80	0.07
AV4130	2.2857*	Max WS	TR200_D1	0.54	339.13	340.63		340.63	0.000035	0.17		0.06	3.85	3.80	0.05
AV4130	2.2857*	Max WS	TR200_D2	0.73	339.13	340.70		340.71	0.000054	0.21		0.08	4.13	3.80	0.06
AV4130	2.1429*	Max WS	TR200_D0.5	0.75	339.11	340.55		340.55	0.000082	0.25		0.09	3.58	3.80	0.07
AV4130	2.1429*	Max WS	TR200_D1	0.61	339.11	340.63		340.63	0.000043	0.19		0.07	3.90	3.80	0.05
AV4130	2.1429*	Max WS	TR200_D2	0.73	339.11	340.70		340.70	0.000053	0.21		0.08	4.17	3.80	0.06
AV4130	2	Max WS	TR200_D0.5	0.83	339.10	340.55		340.55	0.000097	0.27		0.10	3.63	3.80	0.08
AV4130	2	Max WS	TR200_D1	0.69	339.10	340.63		340.63	0.000054	0.21		0.08	3.95	3.80	0.06
AV4130	2	Max WS	TR200_D2	0.74	339.10	340.70		340.70	0.000053	0.21		0.08	4.22	3.80	0.06
AV4130	1.8571*	Max WS	TR200_D0.5	0.91	339.06	340.54		340.55	0.000103	0.29		0.10	3.78	3.80	0.08
AV4130	1.8571*	Max WS	TR200_D1	0.77	339.06	340.63		340.63	0.000061	0.23		0.08	4.10	3.80	0.06
AV4130	1.8571*	Max WS	TR200_D2	0.79	339.06	340.70		340.70	0.000055	0.22		0.08	4.37	3.80	0.06
AV4130	1.7143*	Max WS	TR200_D0.5	0.97	339.02	340.54		340.55	0.000107	0.29		0.11	3.94	3.80	0.08
AV4130	1.7143*	Max WS	TR200_D1	0.85	339.02	340.63		340.63	0.000068	0.24		0.09	4.26	3.80	0.07
AV4130	1.7143*	Max WS	TR200_D2	0.86	339.02	340.70		340.70	0.000060	0.23		0.09	4.53	3.80	0.06
AV4130	1.5714*	Max WS	TR200_D0.5	1.00	338.97	340.54		340.55	0.000104	0.29		0.11	4.09	3.80	0.08
AV4130	1.5714*	Max WS	TR200_D1	0.92	338.97	340.63		340.63	0.000072	0.25		0.09	4.41	3.80	0.07
AV4130	1.5714*	Max WS	TR200_D2	0.93	338.97	340.70		340.70	0.000063	0.24		0.09	4.68	3.80	0.06
AV4130	1.4286*	Max WS	TR200_D0.5	1.02	338.93	340.54		340.54	0.000097	0.29		0.11	4.25	3.80	0.08
AV4130	1.4286*	Max WS	TR200_D1	0.97	338.93	340.62		340.63	0.000073	0.26		0.10	4.57	3.80	0.07
AV4130	1.4286*	Max WS	TR200_D2	0.98	338.93	340.69		340.70	0.000064	0.25		0.09	4.84	3.80	0.06
AV4130	1.2857*	Max WS	TR200_D0.5	1.02	338.89	340.54		340.54	0.000089	0.28		0.10	4.41	3.80	0.08
AV4130	1.2857*	Max WS	TR200_D1	1.01	338.89	340.62		340.63	0.000073	0.26		0.10	4.73	3.80	0.07
AV4130	1.2857*	Max WS	TR200_D2	1.03	338.89	340.69		340.70	0.000065	0.25		0.10	4.99	3.80	0.06
AV4130	1.1429*	Max WS	TR200_D0.5	1.03	338.85	340.54		340.54	0.000082	0.27		0.10	4.57	3.80	0.07
AV4130	1.1429*	Max WS	TR200_D1	1.04	338.85	340.62		340.63	0.000070	0.26		0.10	4.88	3.80	0.07
AV4130	1.1429*	Max WS	TR200_D2	1.06	338.85	340.69		340.70	0.000065	0.25		0.10	5.15	3.80	0.06
AV4130	1.0000*	Max WS	TR200_D0.5	1.03	338.81	340.54		340.54	0.000075	0.26		0.10	4.72	3.80	0.07
AV4130	1.0000*	Max WS	TR200_D1	1.05	338.81	340.62		340.62	0.000066	0.25		0.10	5.04	3.80	0.06
AV4130	1.0000*	Max WS	TR200_D2	1.08	338.81	340.69		340.69	0.000062	0.25		0.10	5.31	3.80	0.06
AV4130	0.8571*	Max WS	TR200_D0.5	1.03	338.76	340.54		340.54	0.000069	0.26		0.10	4.88	3.80	0.07
AV4130	0.8571*	Max WS	TR200_D1	1.05	338.76	340.62		340.62	0.000062	0.25		0.10	5.20	3.80	0.06
AV4130	0.8571*	Max WS	TR200_D2	1.09	338.76	340.69		340.69	0.000058	0.24		0.10	5.46	3.80	0.06
AV4130	0.7143*	Max WS	TR200_D0.5	1.03	338.72	340.54		340.54	0.000064	0.25		0.10	5.04	3.80	0.06
AV4130	0.7143*	Max WS	TR200_D1	1.05	338.72	340.62		340.62	0.000057	0.24		0.09	5.36	3.80	0.06
AV4130	0.7143*	Max WS	TR200_D2	-5.12	338.72	340.70		340.76	0.001171	-1.10		-0.44	5.67	3.80	0.27
AV4130	0.5714*	Max WS	TR200_D0.5	1.03	338.68	340.54		340.54	0.000059	0.24		0.09	5.20	3.80	0.06
AV4130	0.5714*	Max WS	TR200_D1	1.05	338.68	340.62		340.62	0.000053	0.23		0.09	5.51	3.80	0.06
AV4130	0.5714*	Max WS	TR200_D2	-5.18	338.68	340.72		340.77	0.001090	-1.08		-0.43	5.88	3.80	0.26
AV4130	0.4286*	Max WS	TR200_D0.5	1.03	338.64	340.54		340.54	0.000054	0.23		0.09	5.36	3.80	0.06
AV4130	0.4286*	Max WS	TR200_D1	1.05	338.64	340.62		340.62	0.000049	0.23		0.09	5.68	3.80	0.05
AV4130	0.4286*	Max WS	TR200_D2	-5.23	338.64	340.73		340.78	0.001015	-1.05		-0.42	6.09	3.80	0.25
AV4130	0.2857*	Max WS	TR200_D0.5	1.03	338.59	340.54		340.54	0.000051	0.23		0.09	5.52	3.80	0.06
AV4130	0.2857*	Max WS	TR200_D1	1.05	338.59	340.62		340.62	0.000046	0.22		0.09	5.83	3.80	0.05
AV4130	0.2857*	Max WS	TR200_D2	-5.33	338.59	340.74		340.79	0.000973	-1.04		-0.42	6.29	3.80	0.24
AV4130	0.1429*	Max WS	TR200_D0.5	1.03	338.55	340.54		340.54	0.000047	0.22		0.09	5.67	3.80	0.05
AV4130	0.1429*	Max WS	TR200_D1	1.05	338.55	340.62		340.62	0.000043	0.22		0.09	5.99	3.80	0.05
AV4130	0.1429*	Max WS	TR200_D2	-5.38	338.55	340.75		340.80	0.000916	-1.02		-0.41	6.49	3.80	0.23
AV4130	0	Max WS	TR200_D0.5	3.42	338.51	339.10	339.37	340.01	0.072089	4.23			0.81	2.06	2.16
AV4130	0	Max WS	TR200_D1	4.48	338.51	339.10	339.52	340.67	0.123845	5.54			0.81	2.06	2.83
AV4130	0	Max WS	TR200_D2	-5.45	338.51	340.76	339.62	340.80	0.000870	-1.01		-0.41	6.69	3.80	0.23

ALLEGATI

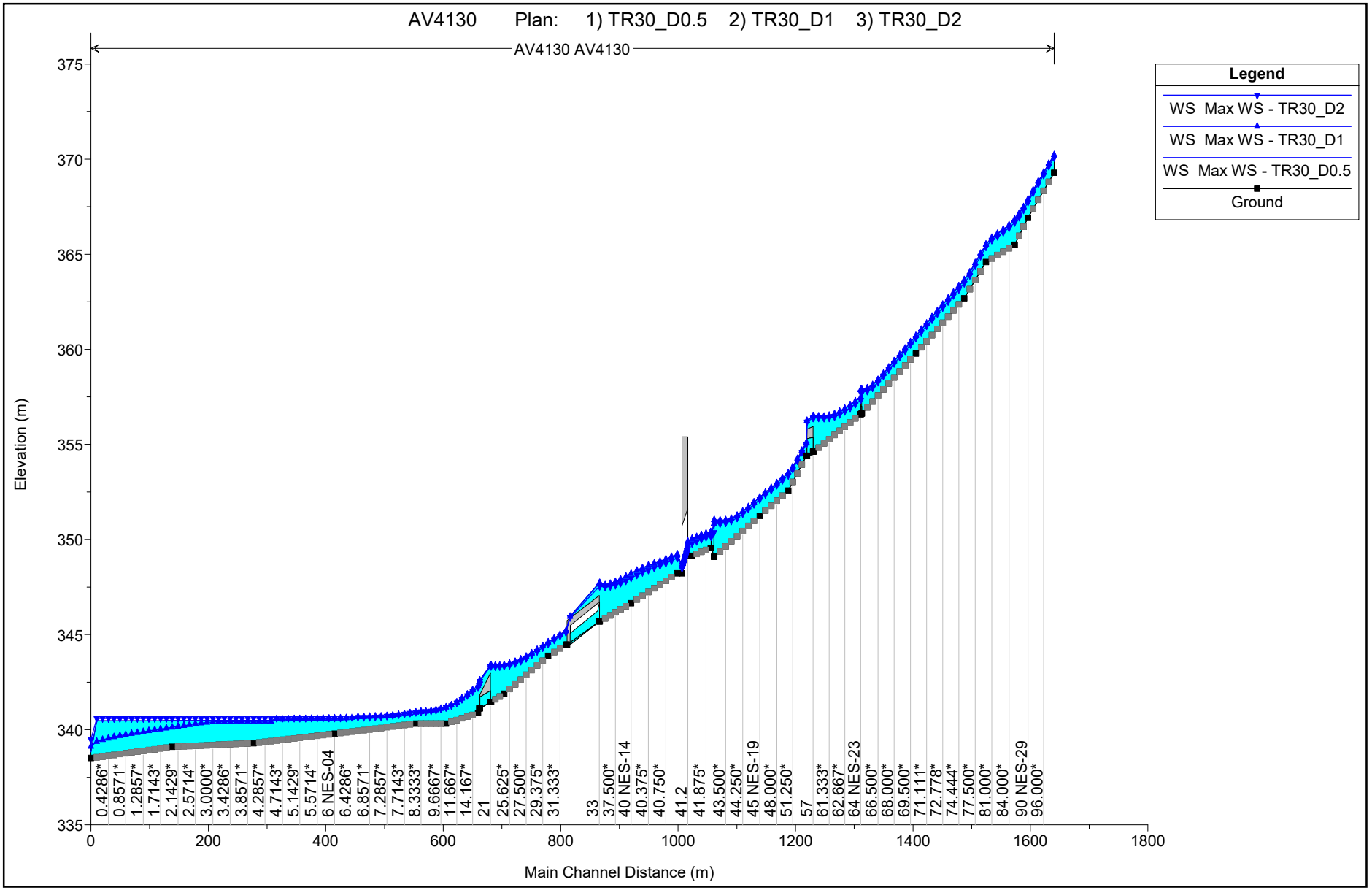
MODELLAZIONE HEC-RAS 5.0.7 "AV4130"

AV4130

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 0.5, 1 e 2h

Profilo longitudinale


AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
AV4130 AV4130
Legend
WS Max WS - TR30_D2
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
Ground
Elevation (m)
Main Channel Distance (m)
375
370
365
360
355
350
345
340
335
0
200
400
600
800
1000
1200
1400
1600
1800
0.4286*
0.8571*
1.2857*
1.7143*
2.1429*
2.5714*
3.0000*
3.4286*
3.8571*
4.2857*
4.7143*
5.1429*
5.5714*
6 NES-04
6.4286*
6.8571*
7.2857*
7.7143*
8.3333*
9.6667*
11.667*
14.167*
21
25.625*
27.500*
29.375*
31.333*
33
37.500*
40 NES-14
40.375*
40.750*
41.2
41.875*
43.500*
44.250*
45 NES-19
48.000*
51.250*
57
61.333*
62.667*
64 NES-23
66.500*
68.000*
69.500*
71.111*
72.778*
74.444*
77.500*
81.000*
84.000*
90 NES-29
96.000*

ALLEGATI

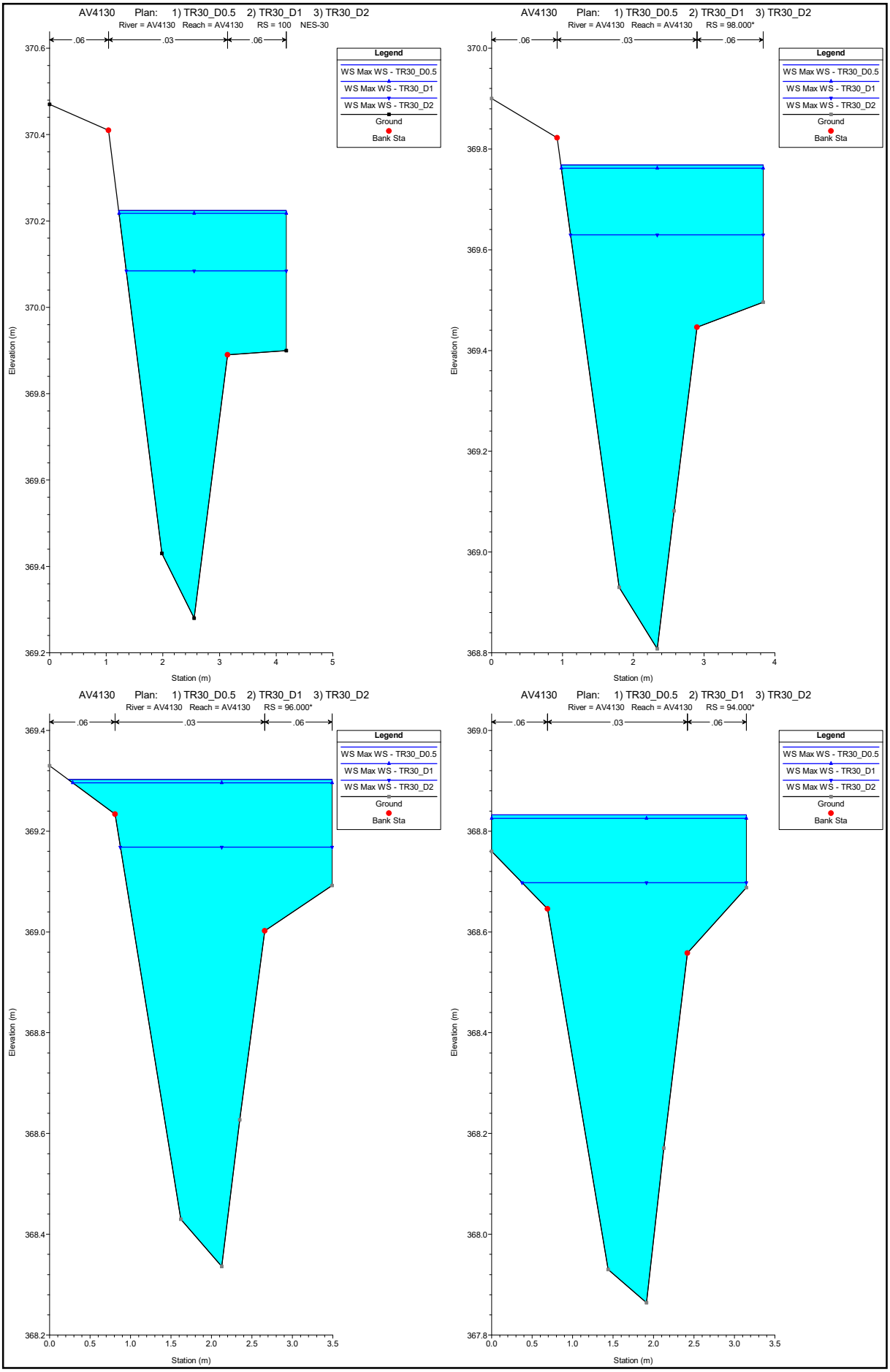
MODELLAZIONE HEC-RAS 5.0.7 "AV4130"

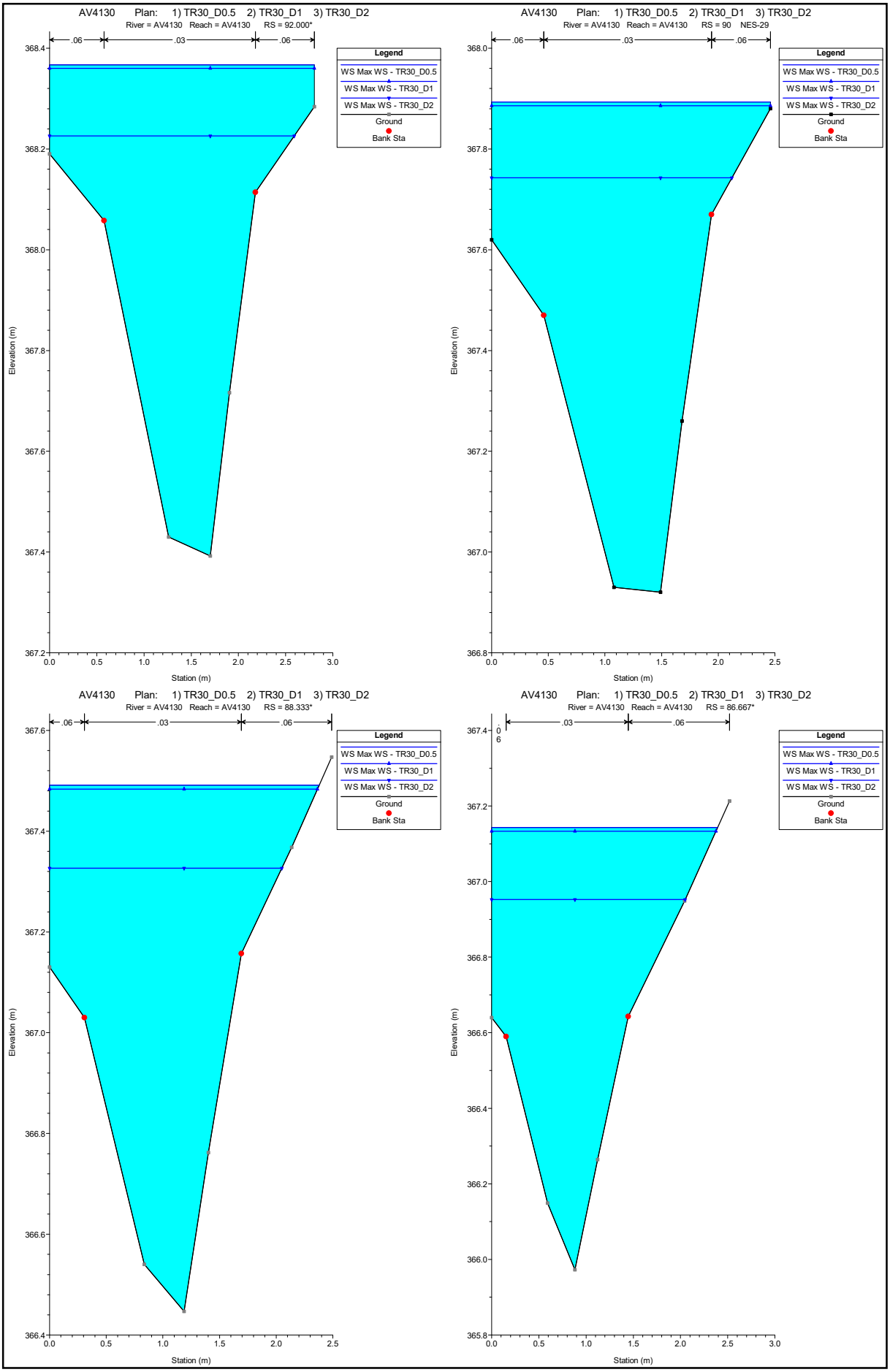
AV4130

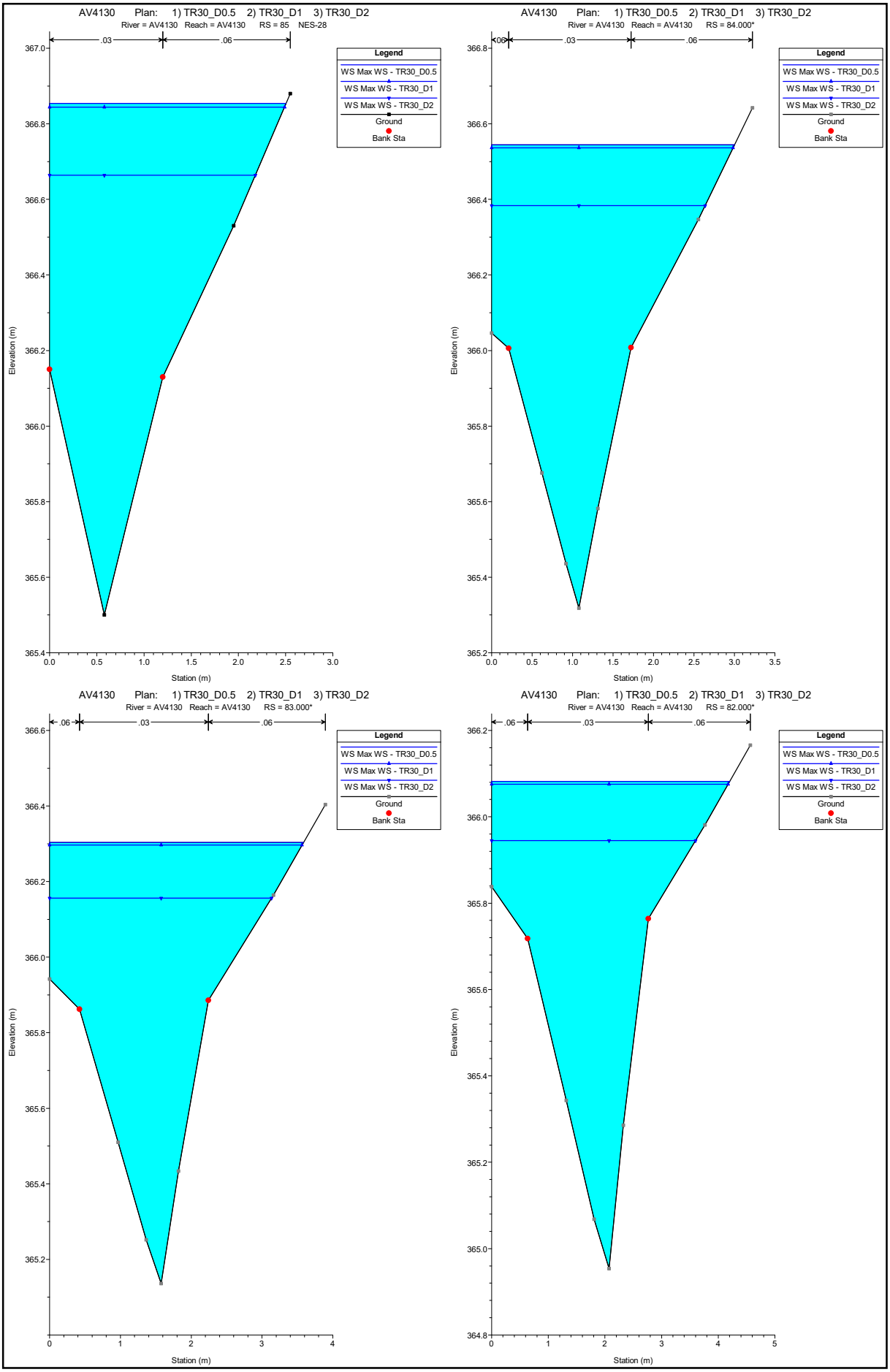
MODELLAZIONE PER TR= 30 anni

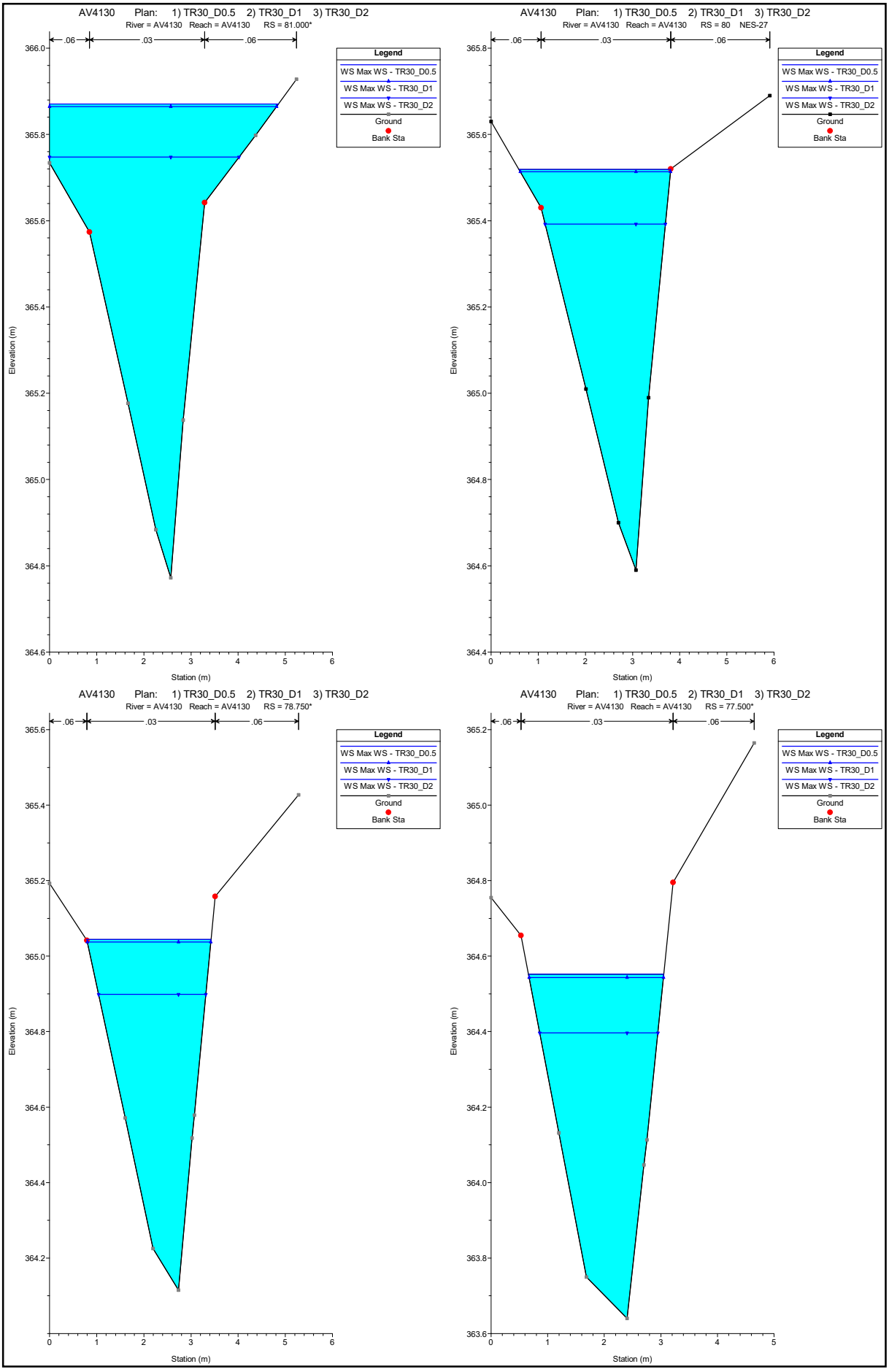
DURATE DI PIOGGIA: 0.5, 1 e 2h

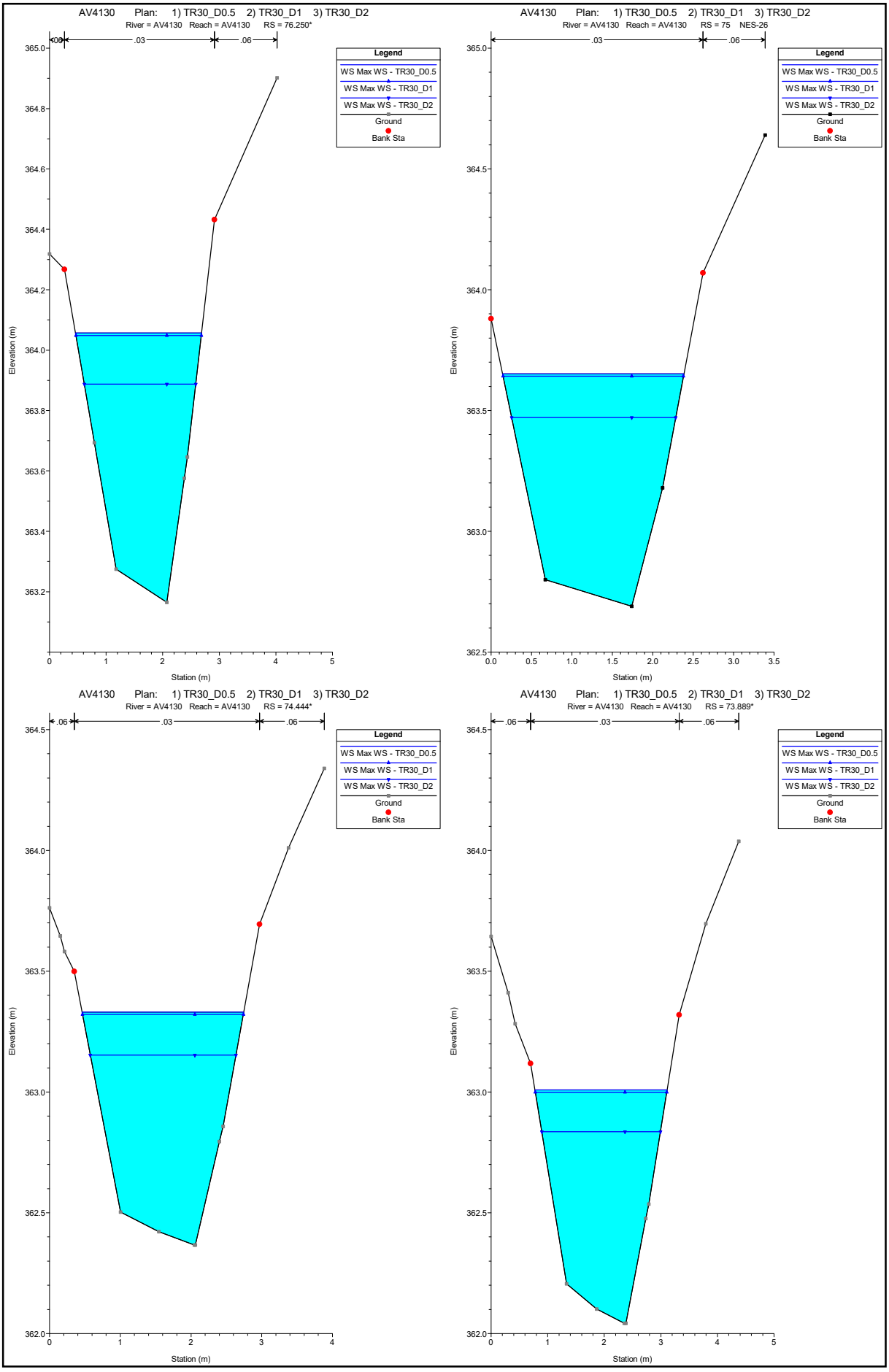
Sezioni Trasversali (da monte verso valle)

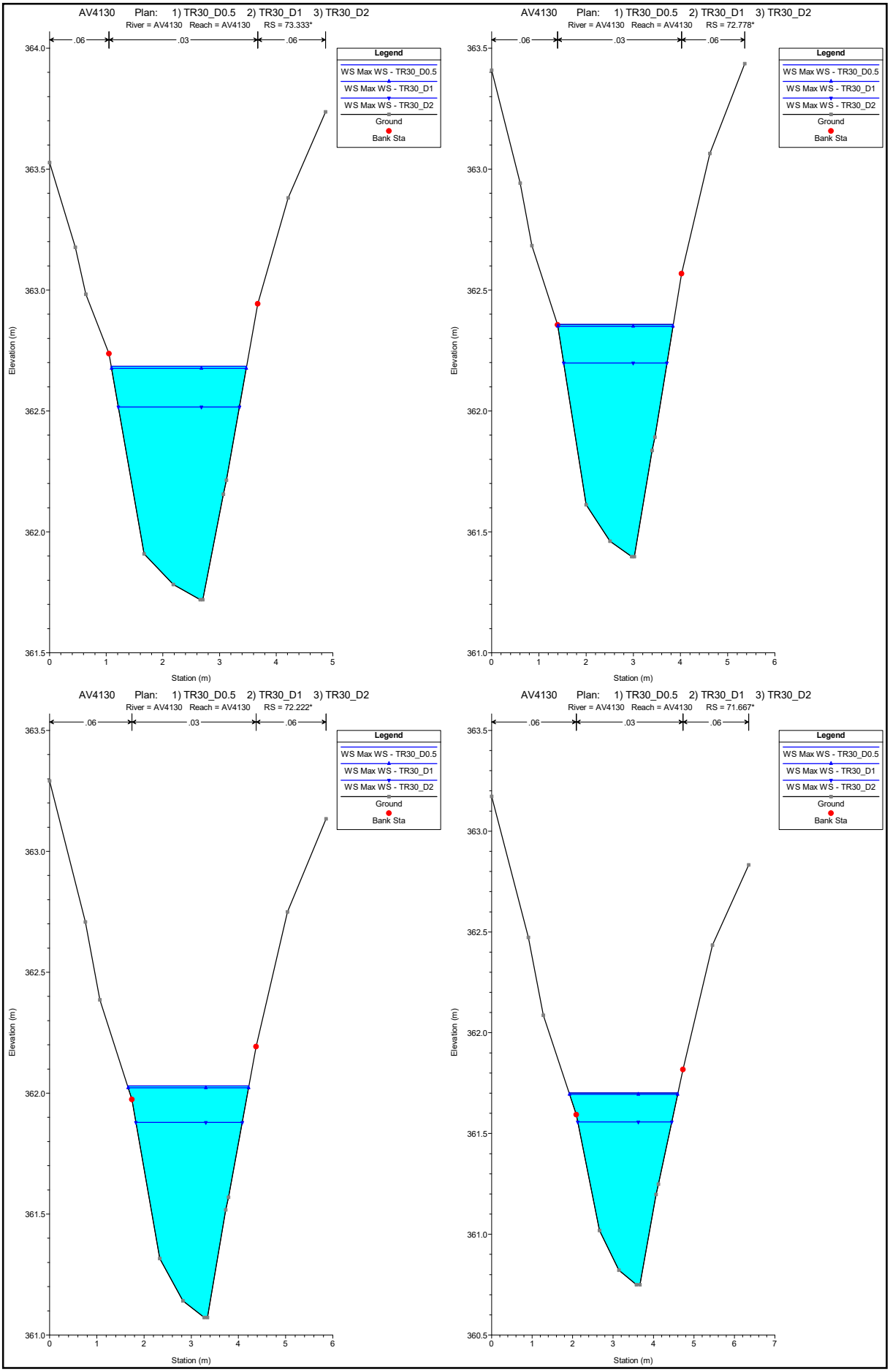

AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 100 NES-30
.06
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 98.000*
.06
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 96.000*
.06
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 94.000*
.06
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

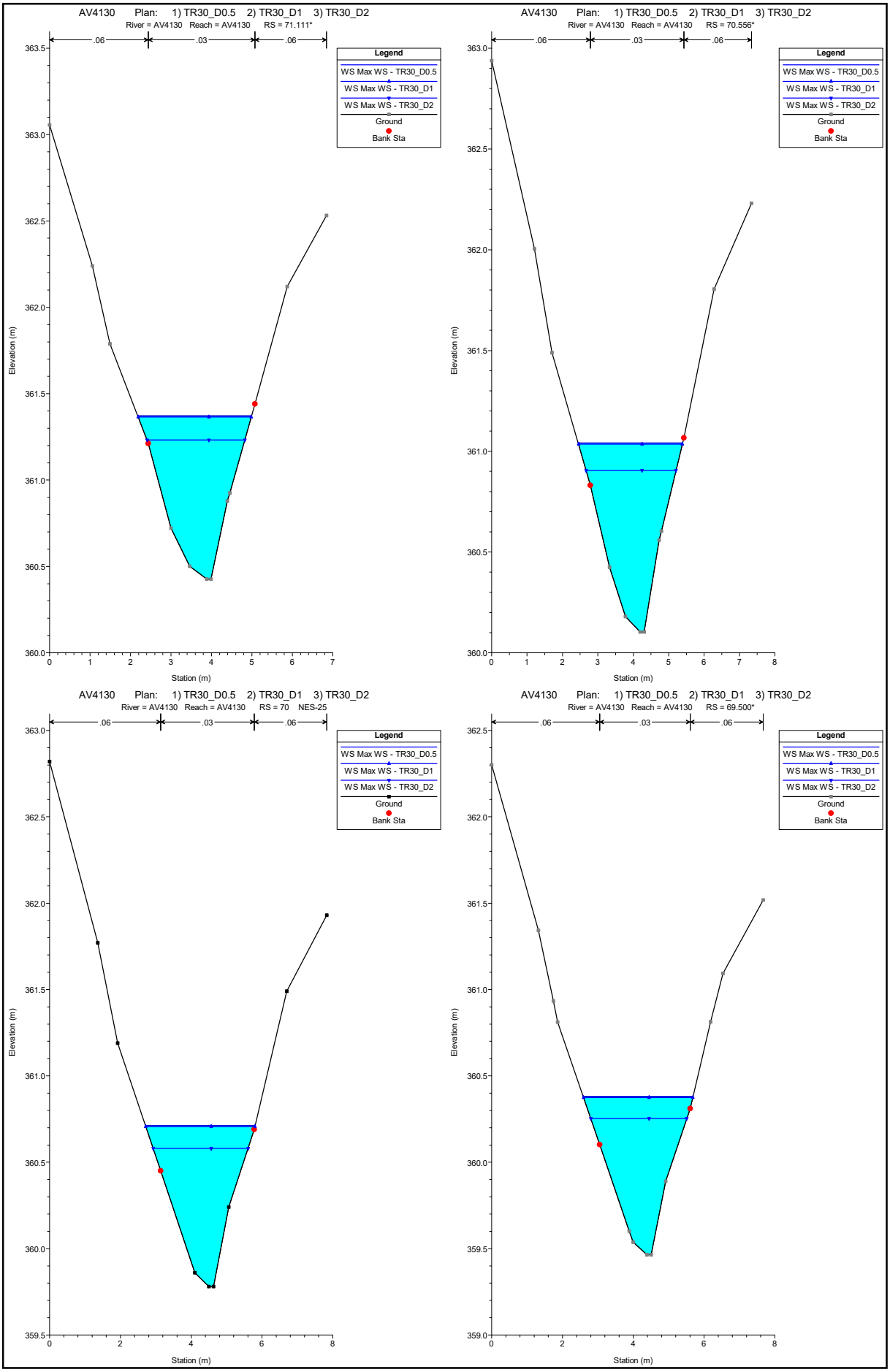

AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 92.000*
.06
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 90 NES-29
.06
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 88.333*
.06
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 86.667*
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

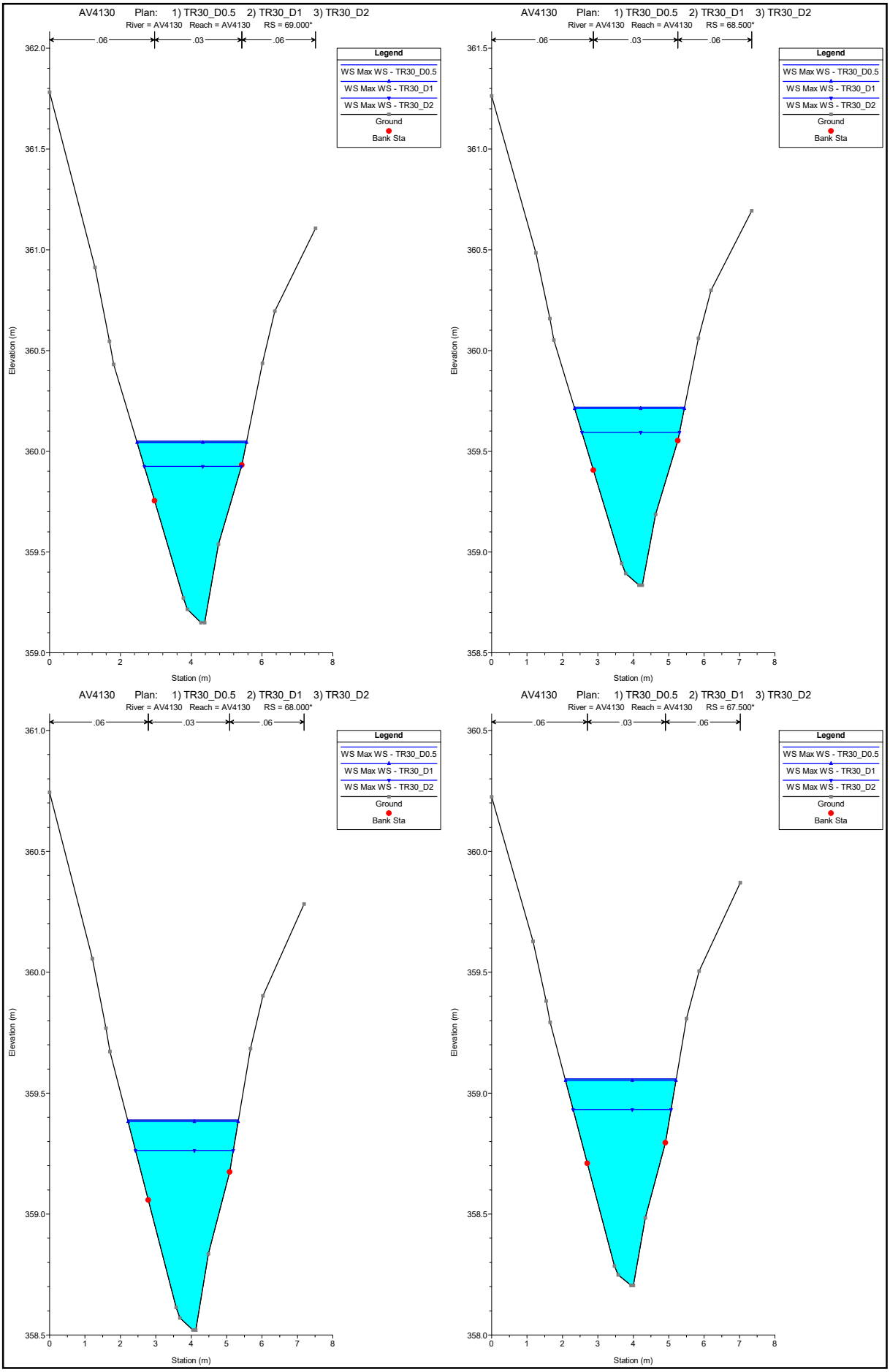

AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 85 NES-28
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 84.000*
.06
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 83.000*
.06
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 82.000*
.06
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

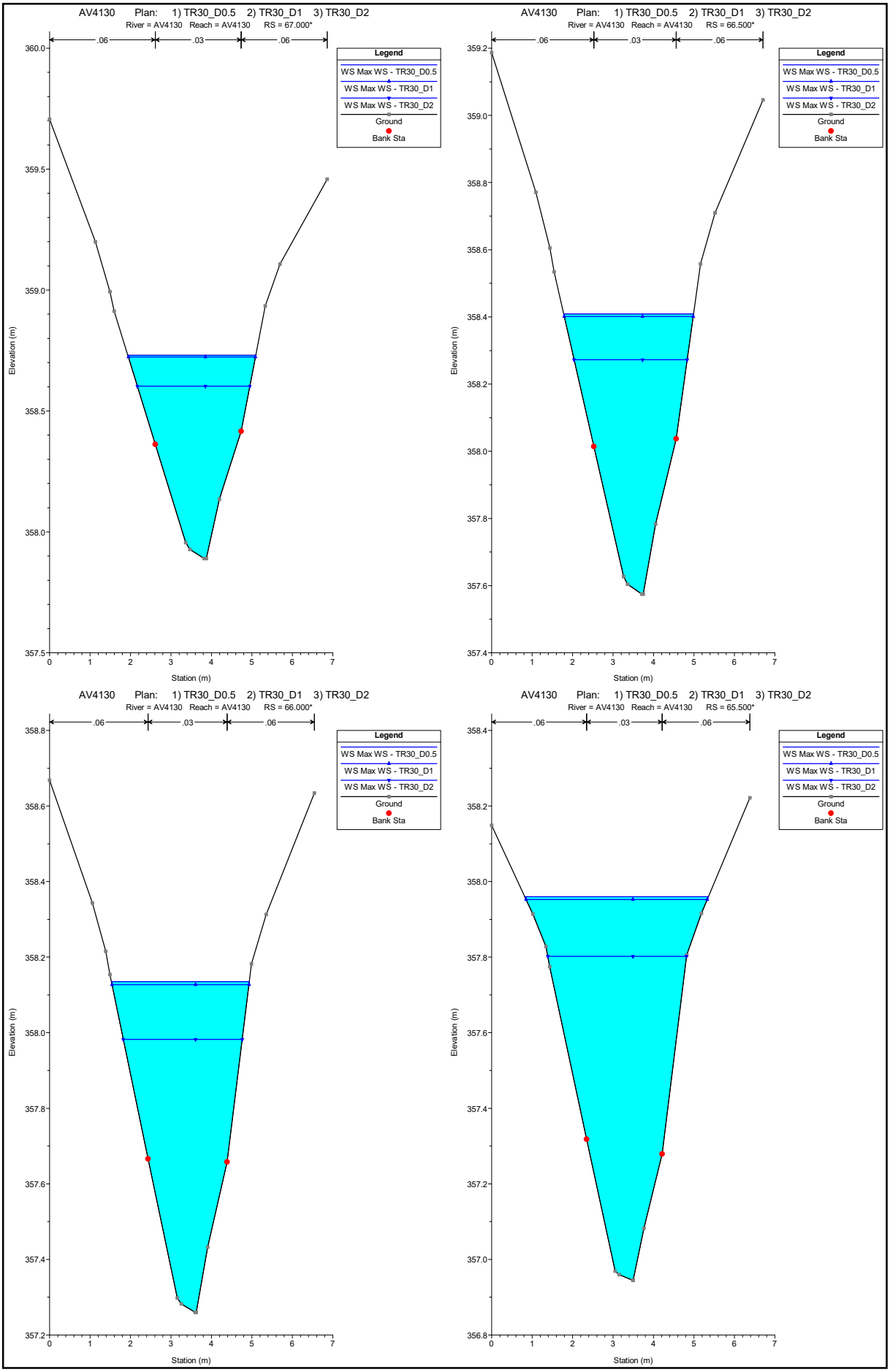

AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 81.000*
.06
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 80 NES-27
.06
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 78.750*
.06
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 77.500*
.06
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

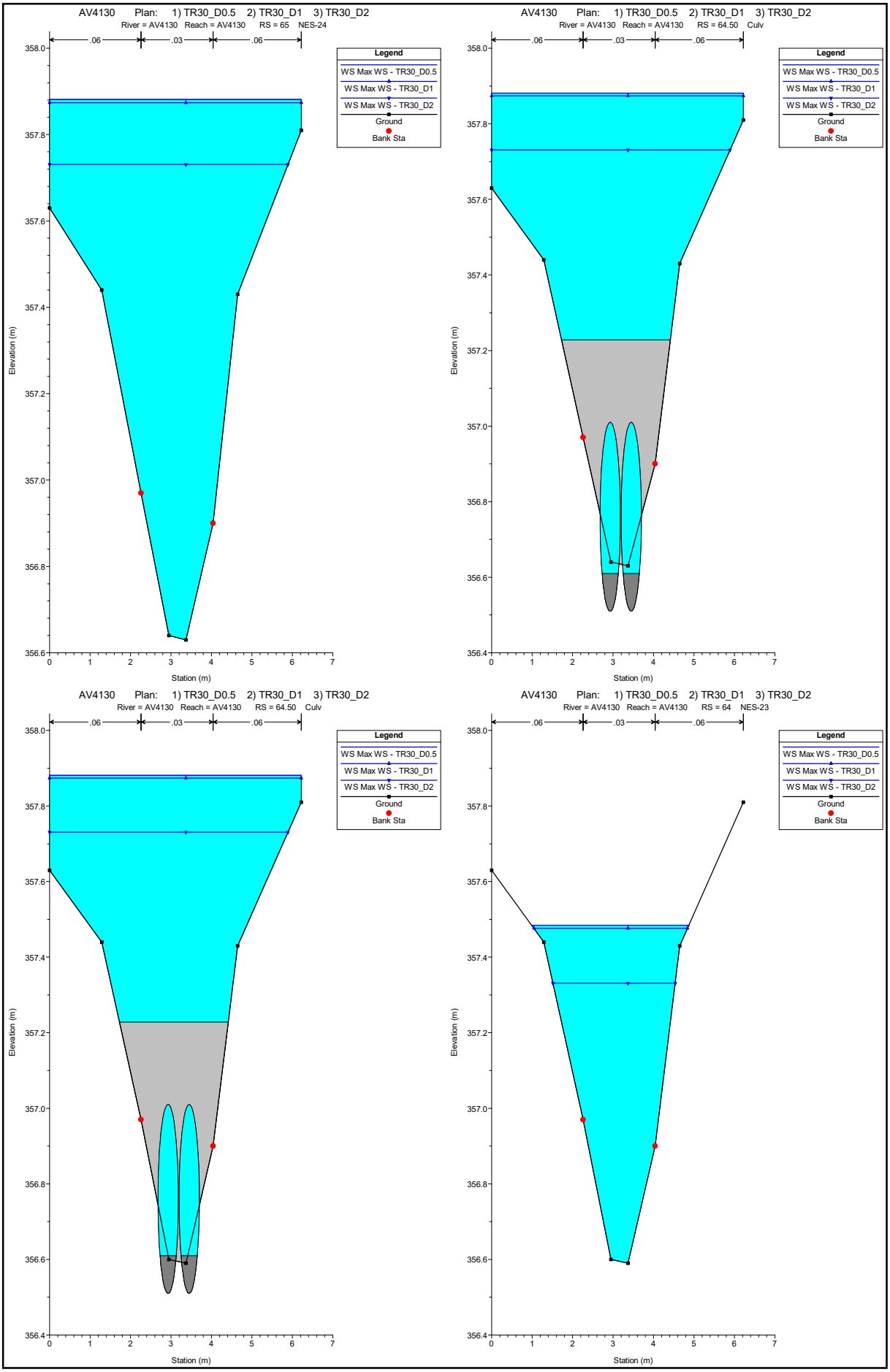

AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 76.250*
.09
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 75 NES-26
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 74.444*
.06
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 73.889*
.06
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

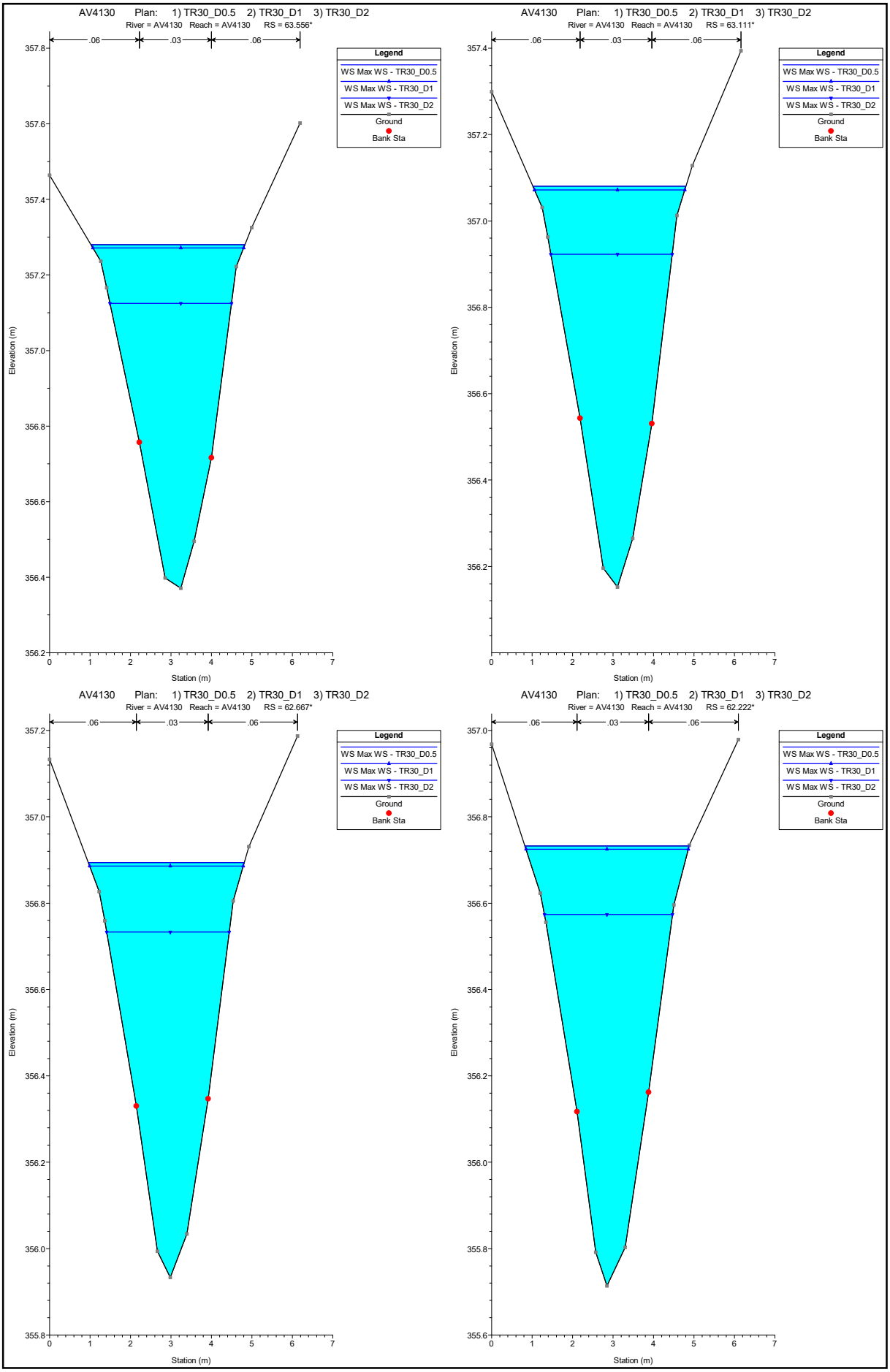

AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 73.333*
.06
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 72.778*
.06
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 72.222*
.06
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 71.667*
.06
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

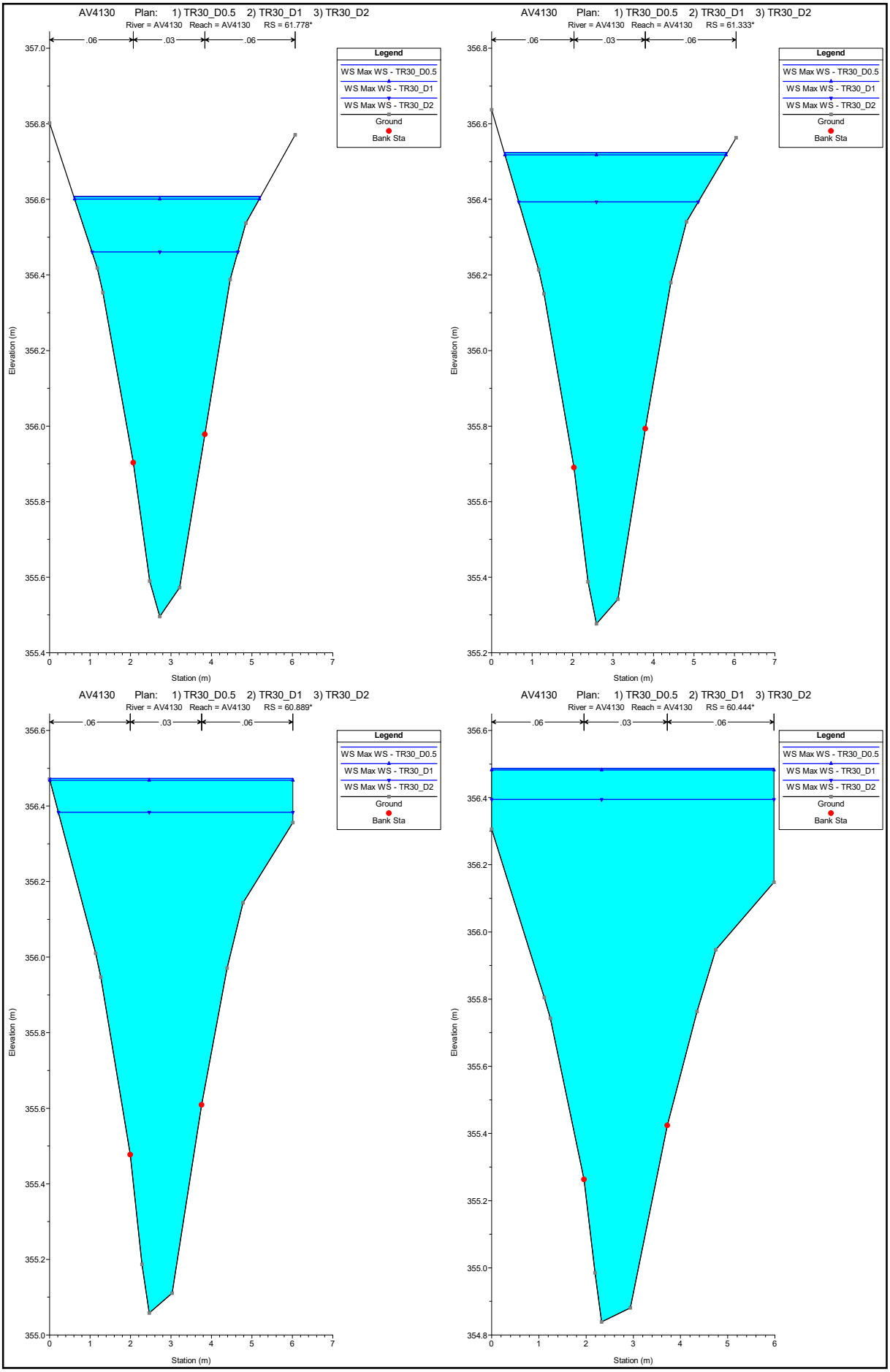

AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 71.111*
.06
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 70.556*
.06
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 70 NES-25
.06
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 69.500*
.06
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

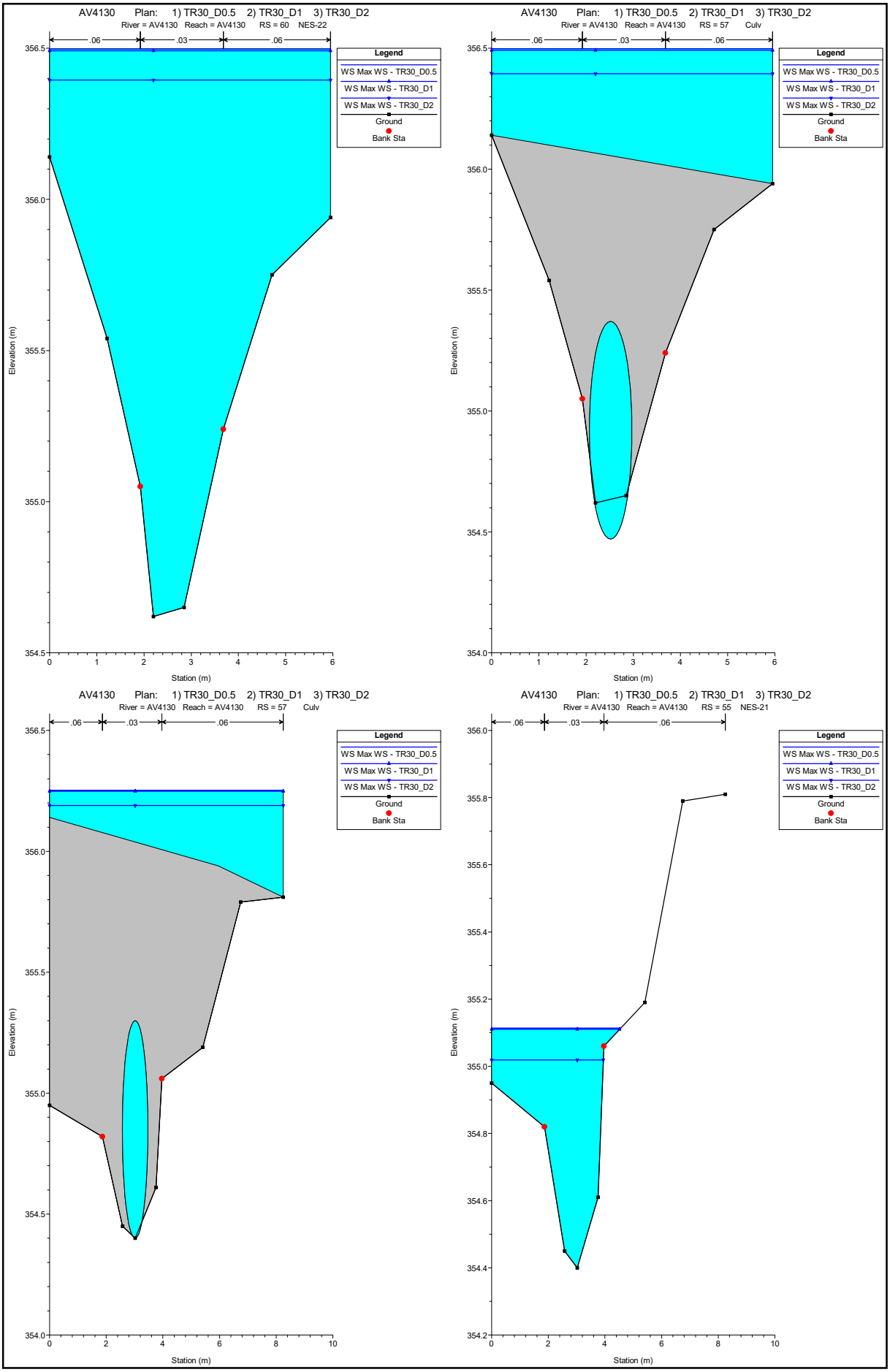

AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 69.000*
.06
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 68.500*
.06
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 68.000*
.06
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 67.500*
.06
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

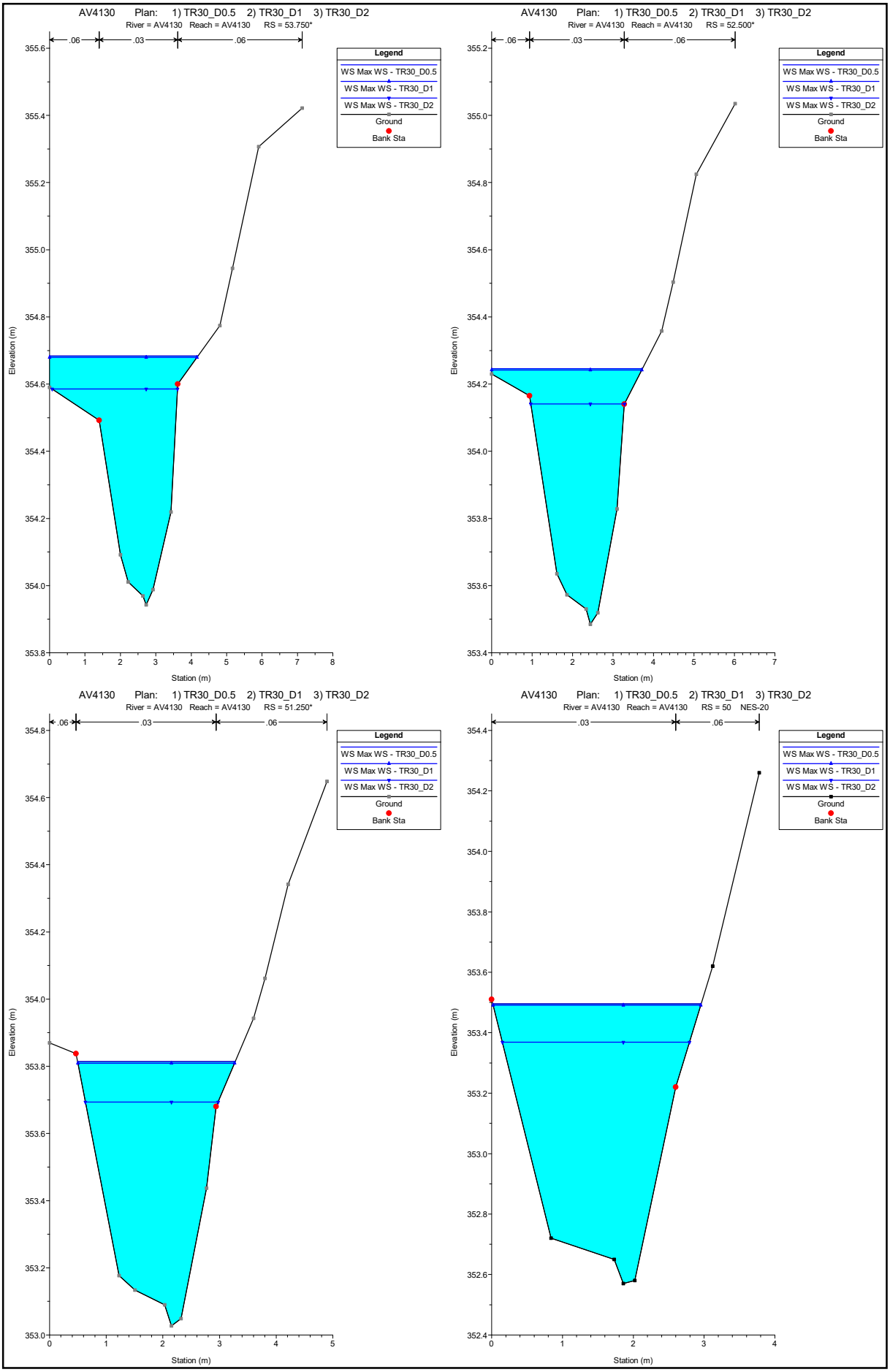

AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 67.000*
.06
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 66.500*
.06
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 66.000*
.06
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 65.500*
.06
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

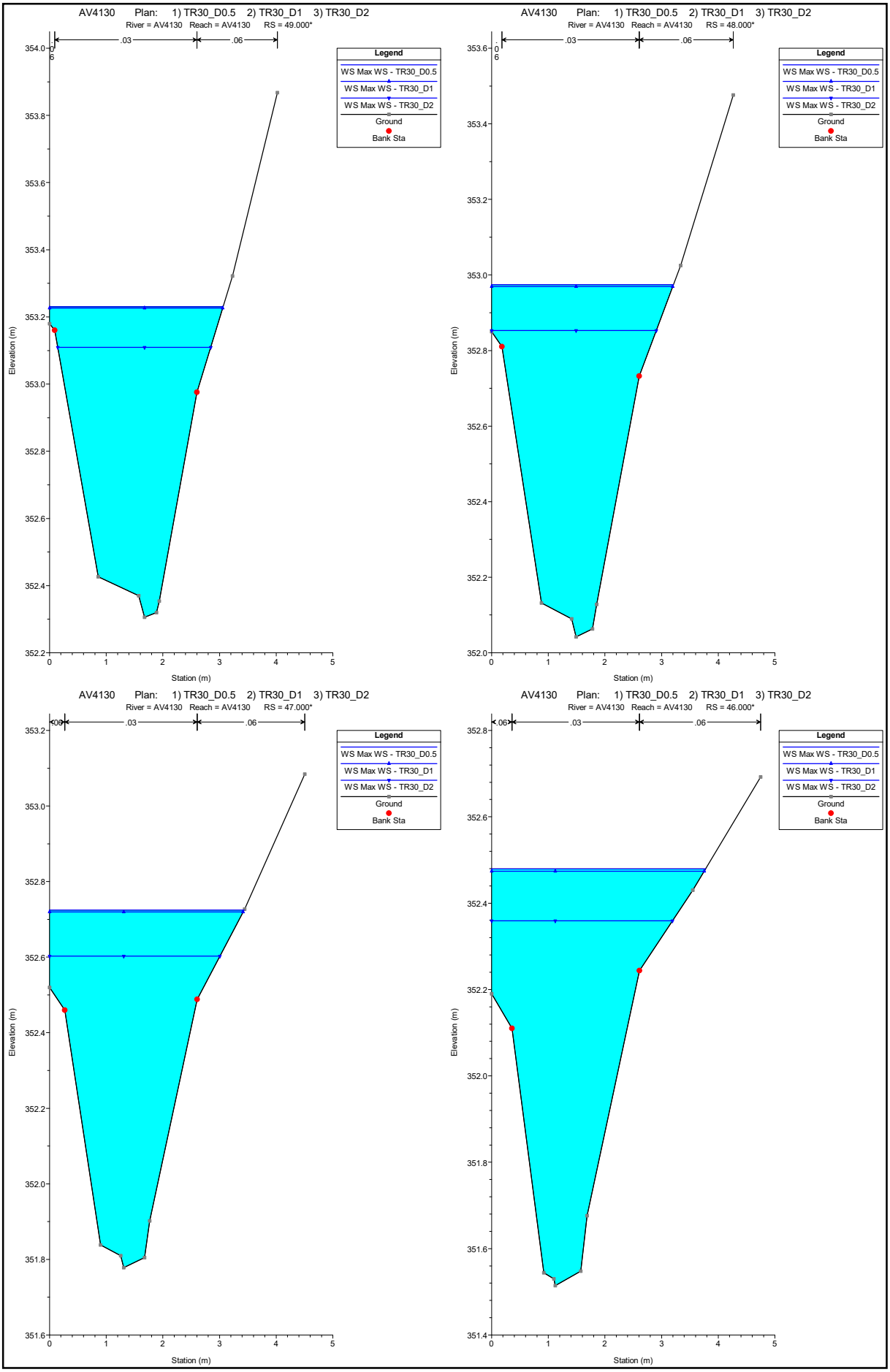

AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 65 NES-24
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 64.50 Culv
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 64.50 Culv
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 64 NES-23
.06
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

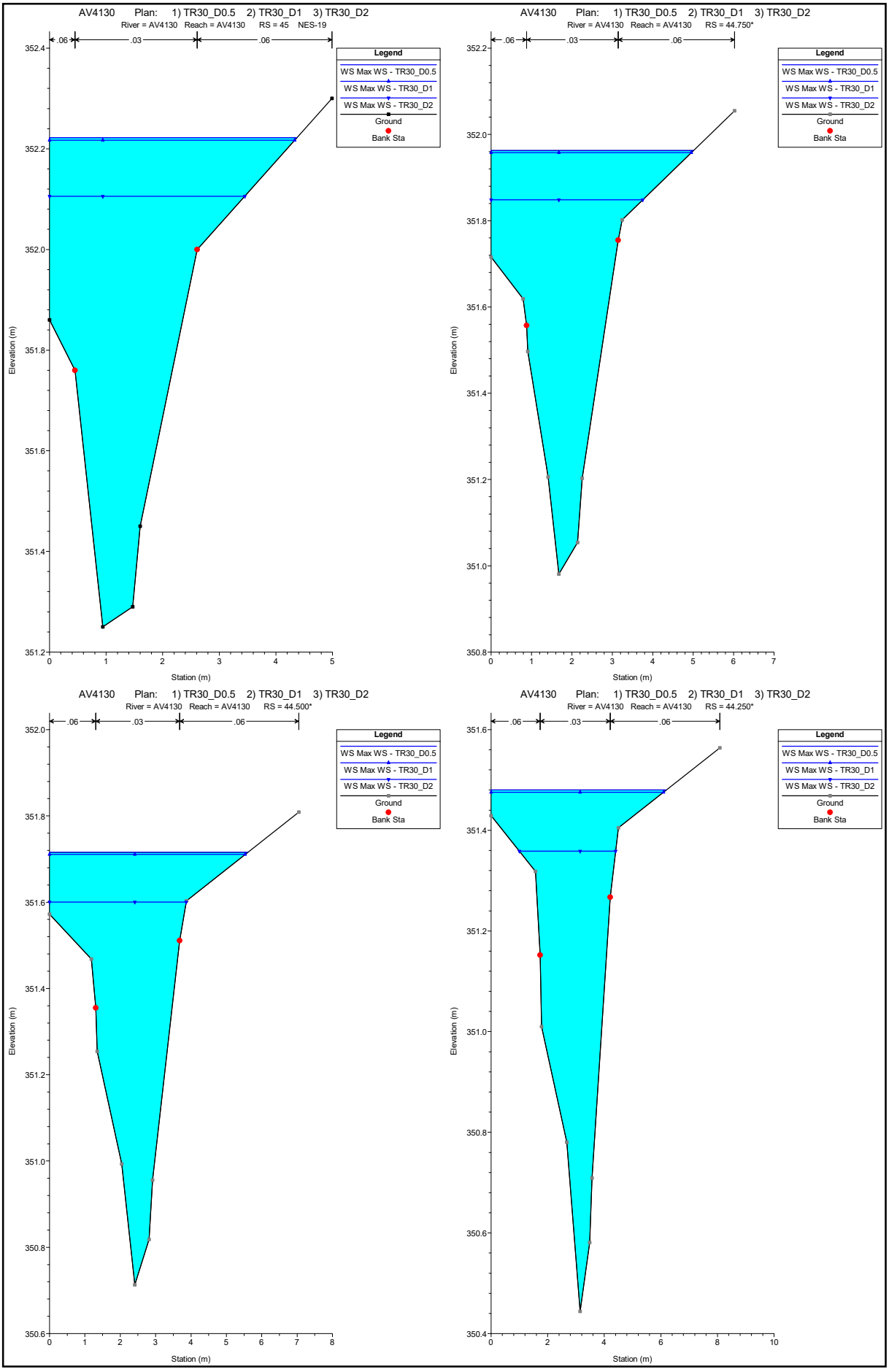

AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 63.556*
.06 .03 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 63.111*
.06 .03 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 62.667*
.06 .03 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 62.222*
.06 .03 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

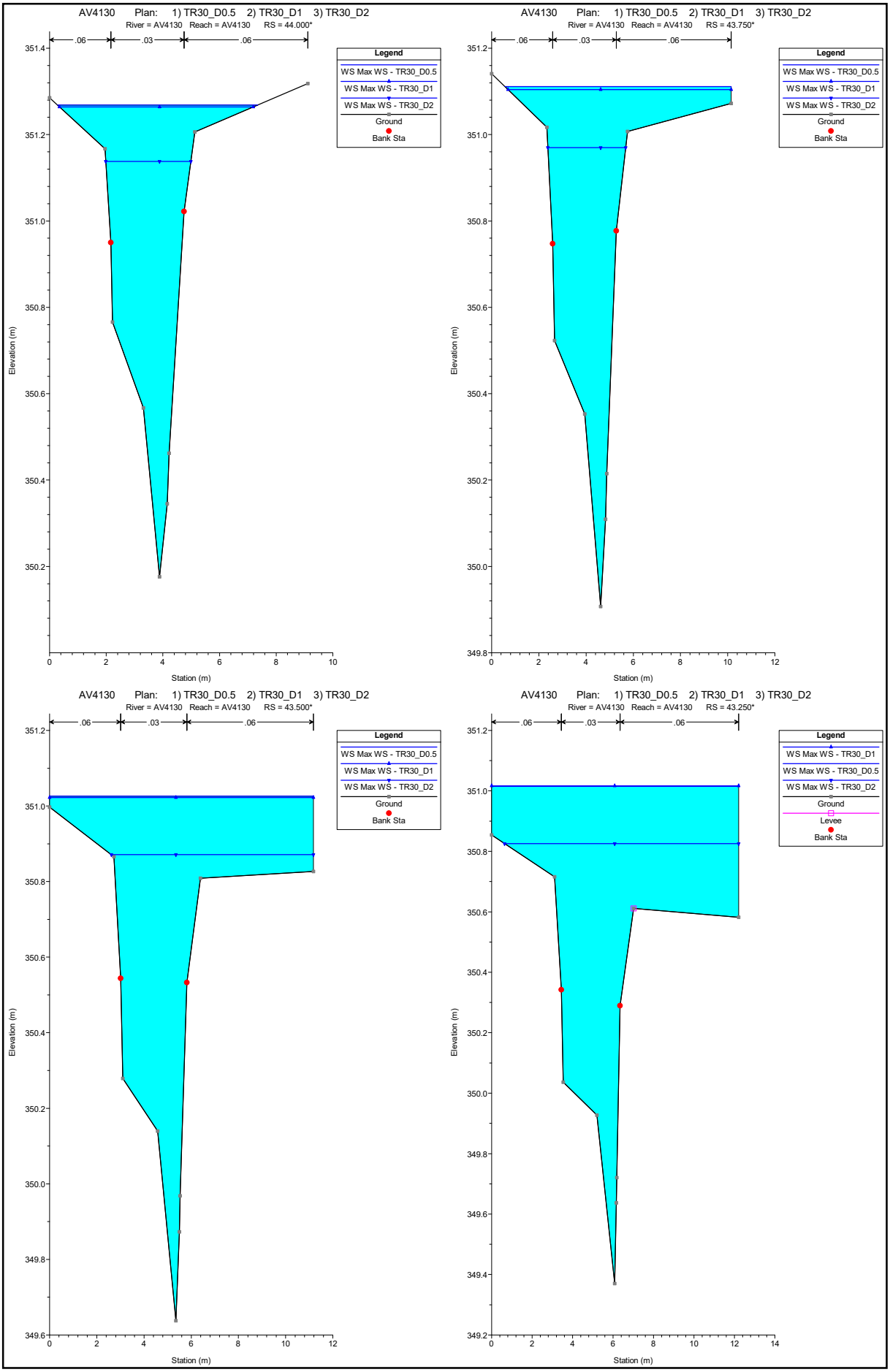

AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 61.778*
.06
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 61.333*
.06
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 60.889*
.06
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 60.444*
.06
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

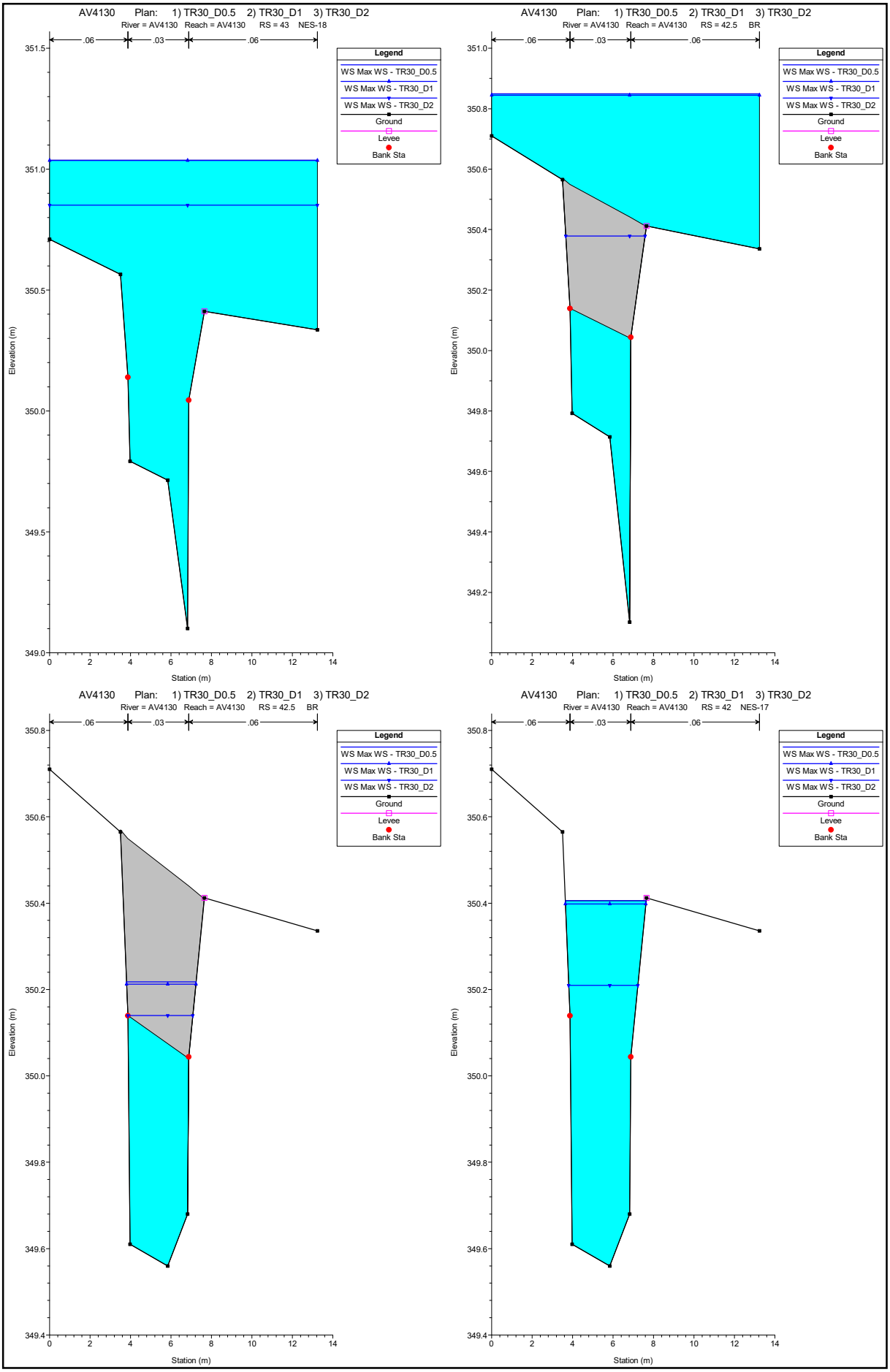

AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 60 NES-22
.06
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 57 Culv
.06
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 57 Culv
.06
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 55 NES-21
.06
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

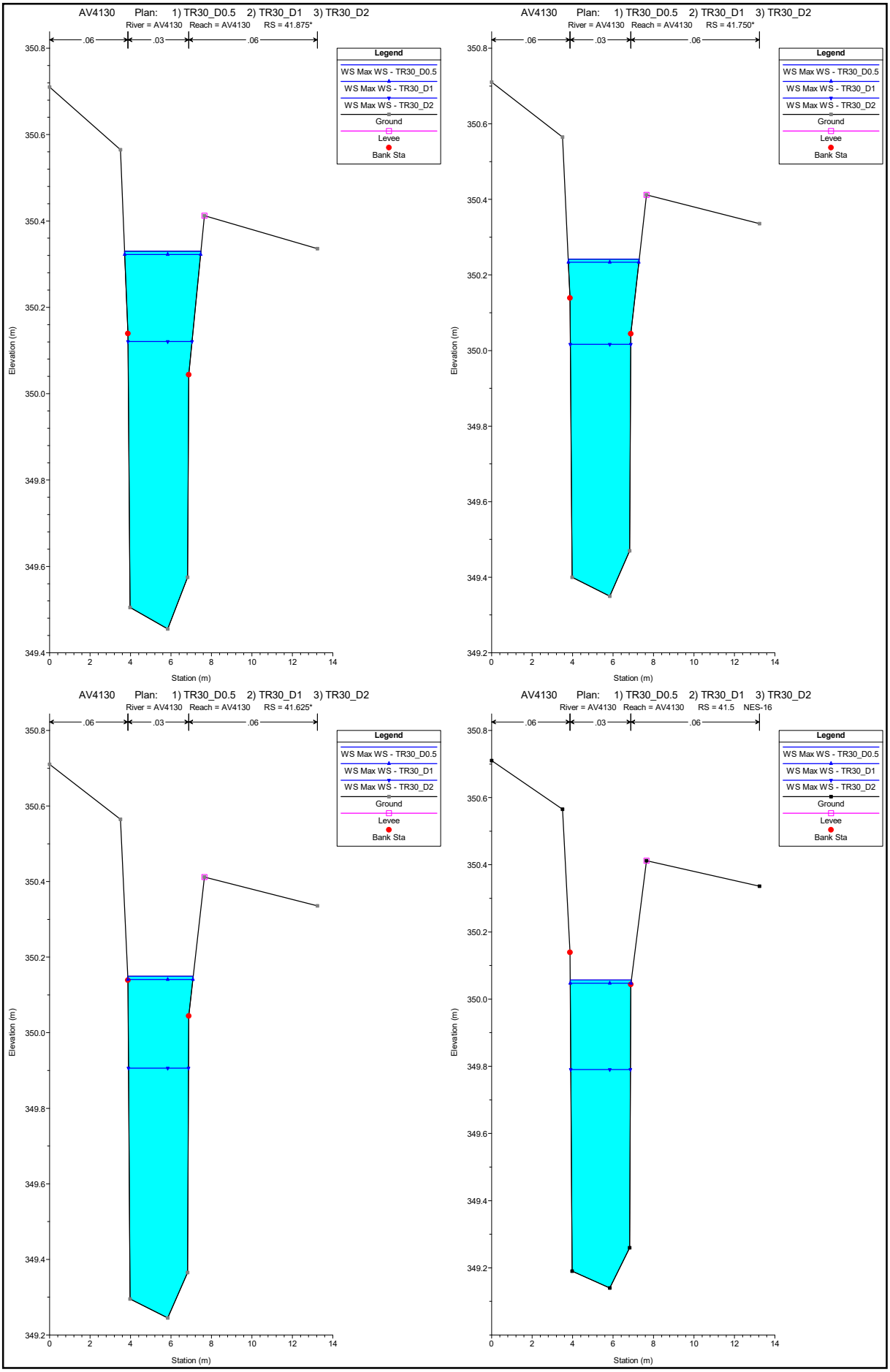

AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 53.750*
.06
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 52.500*
.06
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 51.250*
.06
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 50 NES-20
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

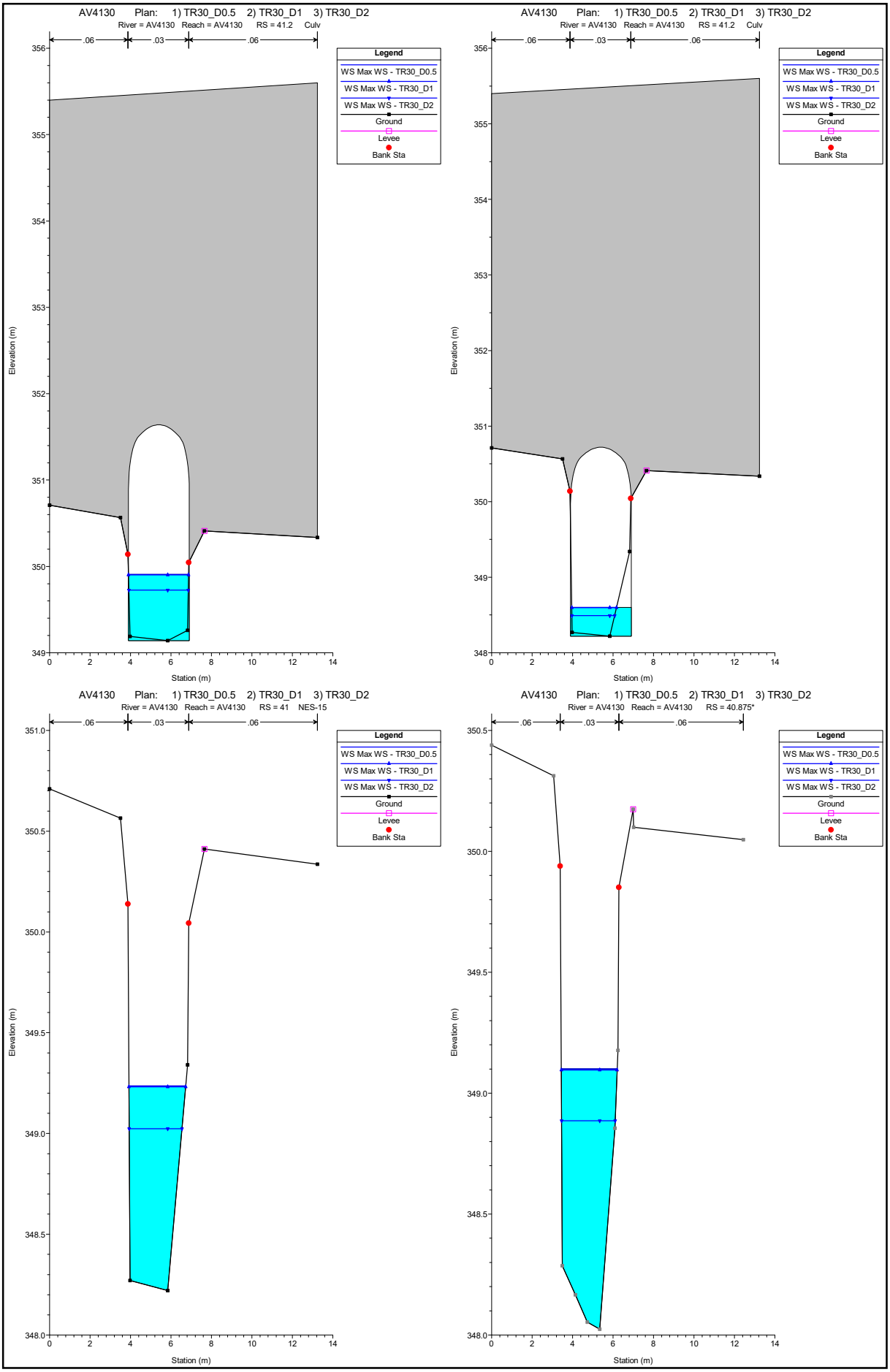

AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 49.000*
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 48.000*
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 47.000*
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 46.000*
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

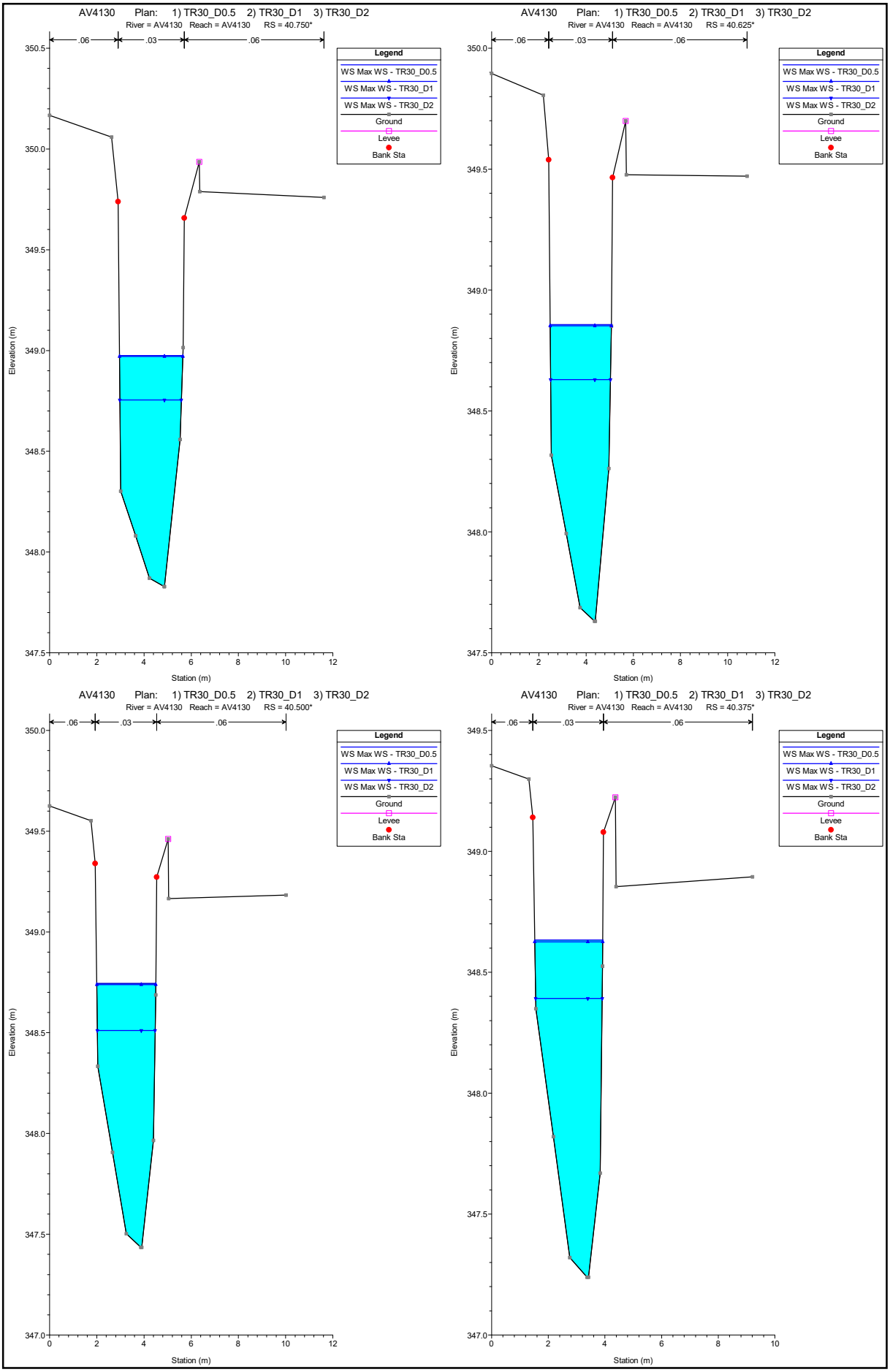

AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 45 NES-19
.06
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 44.750*
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 44.500*
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 44.250*

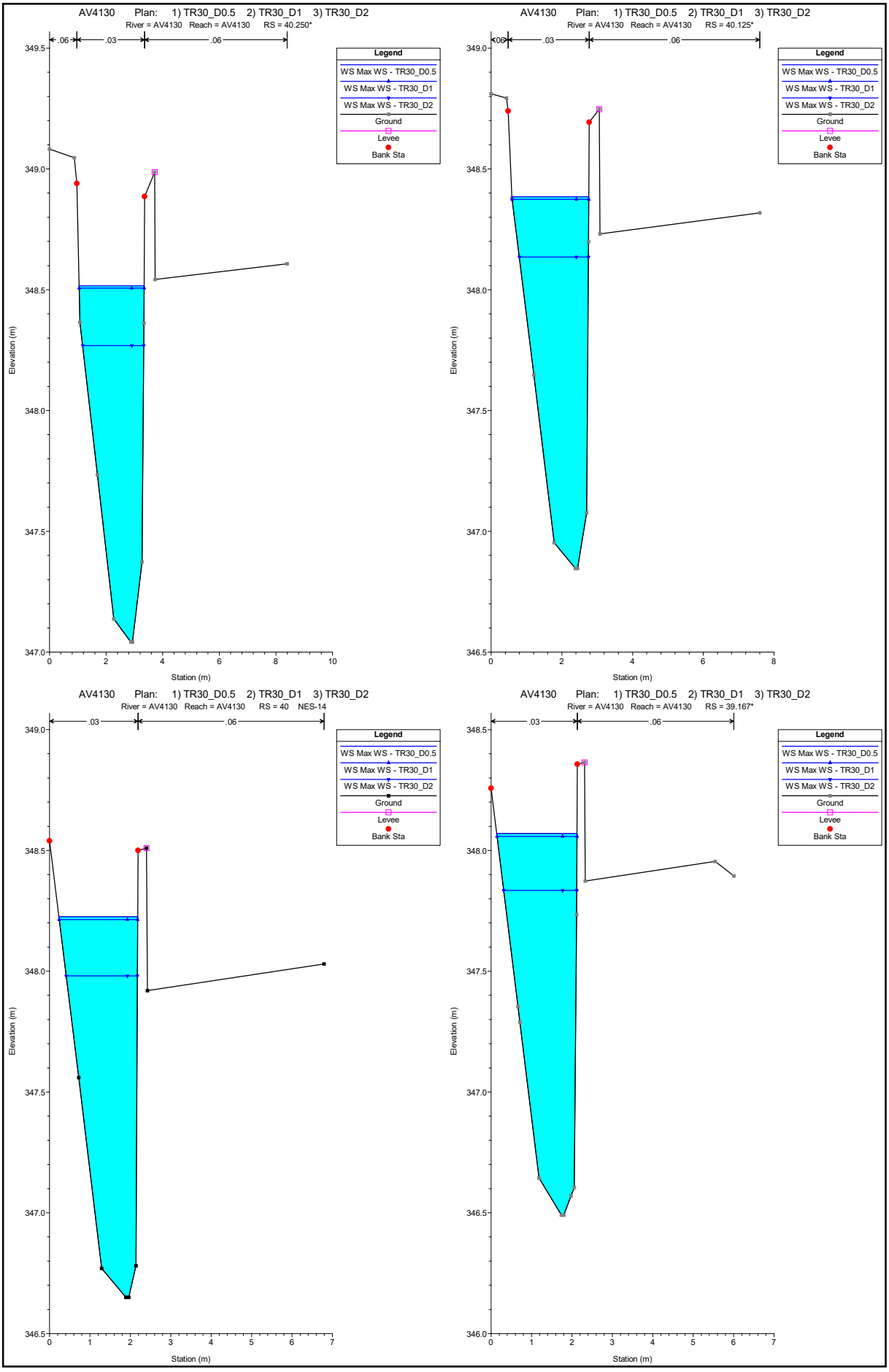

AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 44.000*
.06 .03 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 43.750*
.06 .03 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 43.500*
.06 .03 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 43.250*
.06 .03 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)

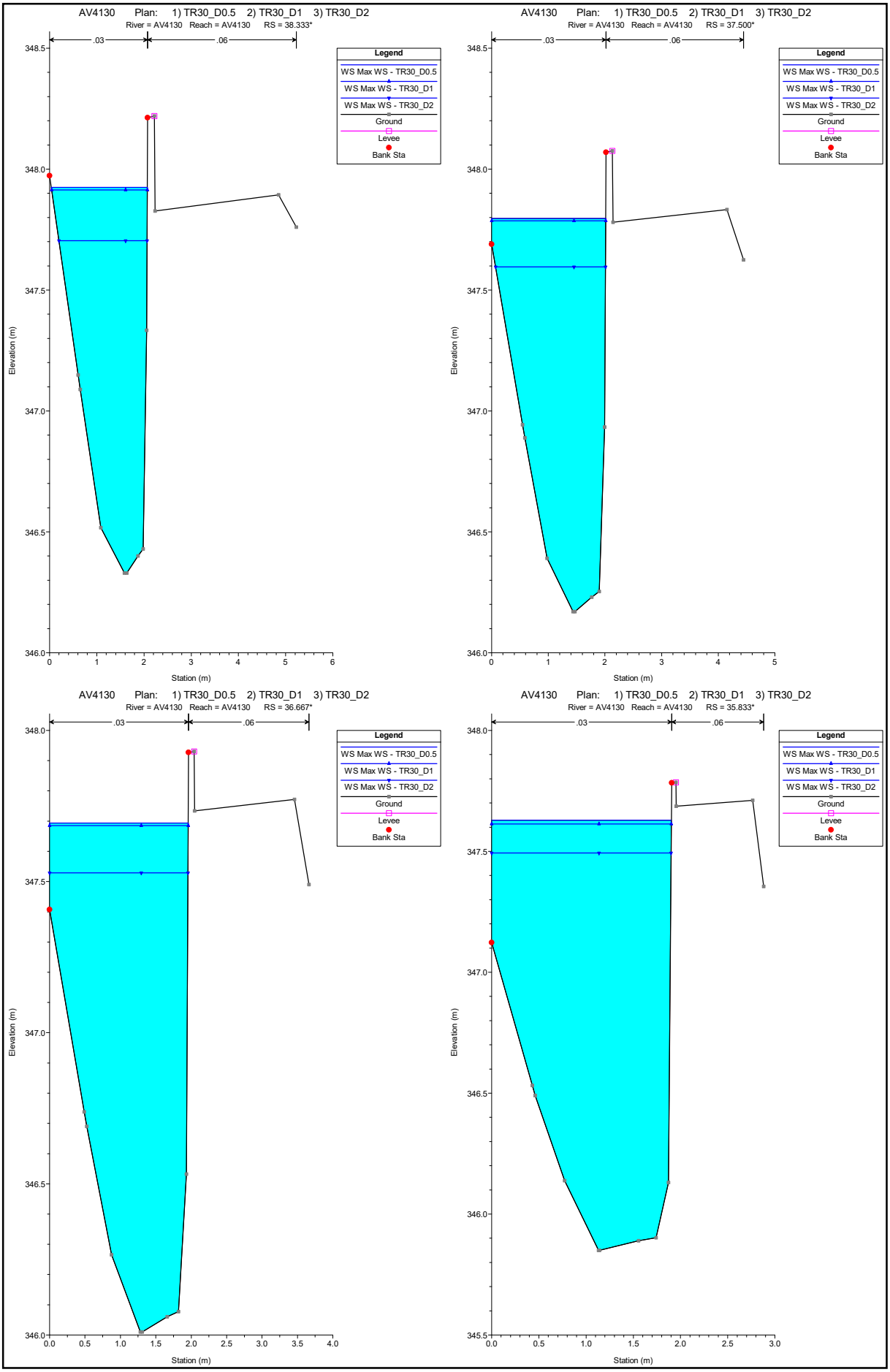

AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 43 NES-18
.06 .03 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 42.5 BR
.06 .03 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 42.5 BR
.06 .03 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 42 NES-17
.06 .03 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)

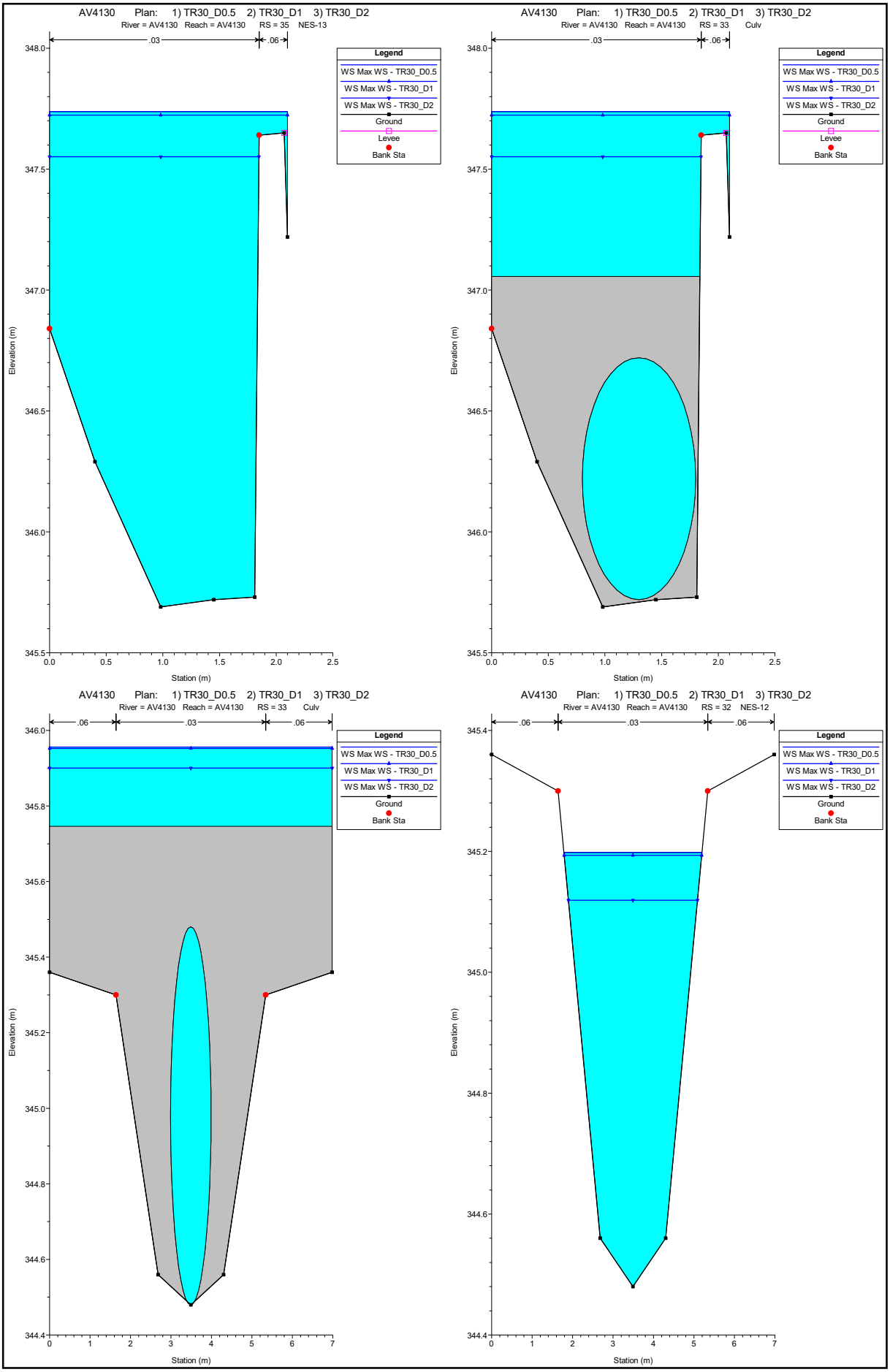

AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 41.875*
.06
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 41.750*
.06
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 41.625*
.06
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 41.5 NES-16
.06
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)

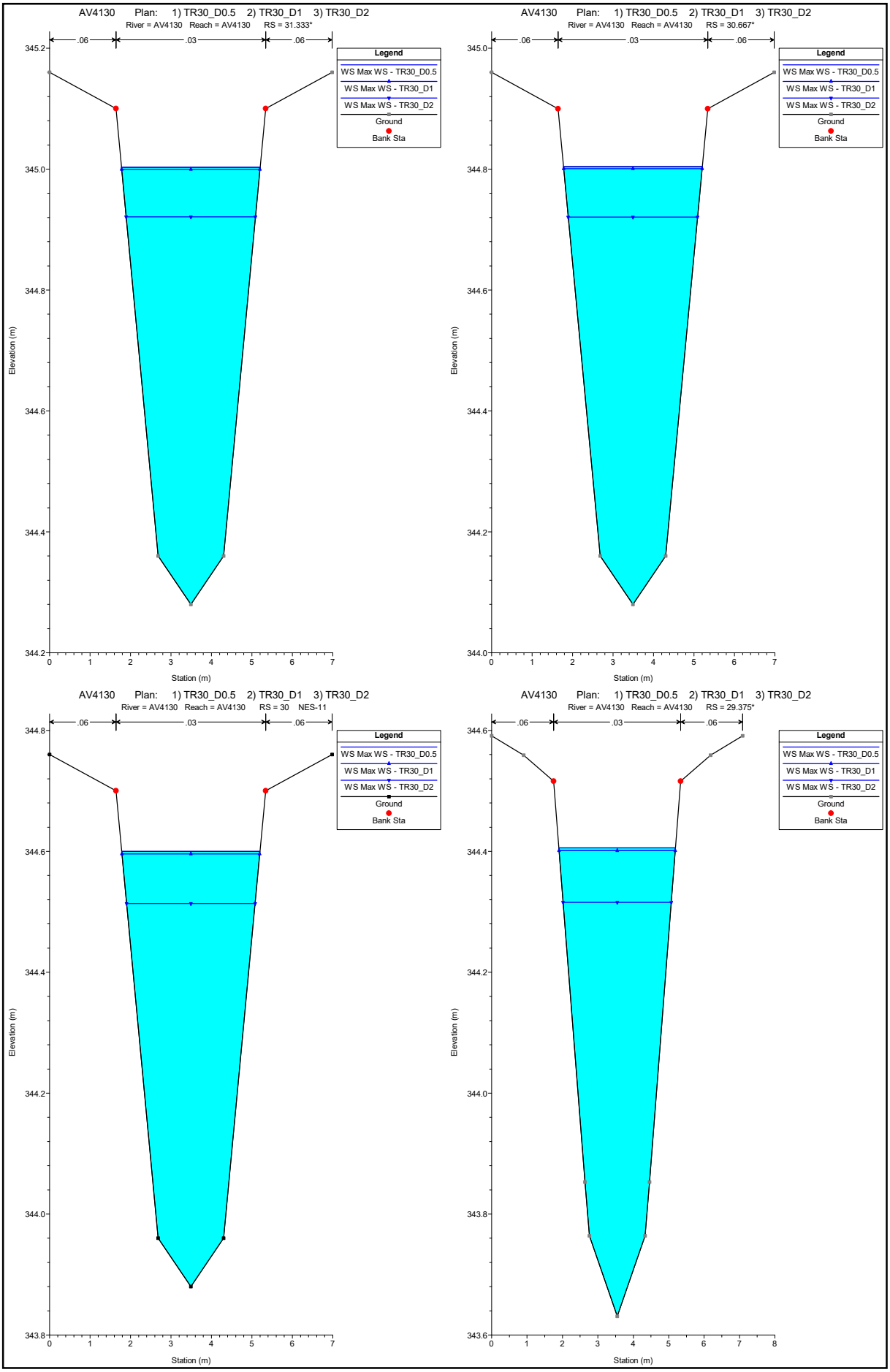

AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 41.2 Culv
.06 .03 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 41.2 Culv
.06 .03 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 41 NES-15
.06 .03 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 40.875*
.06 .03 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)

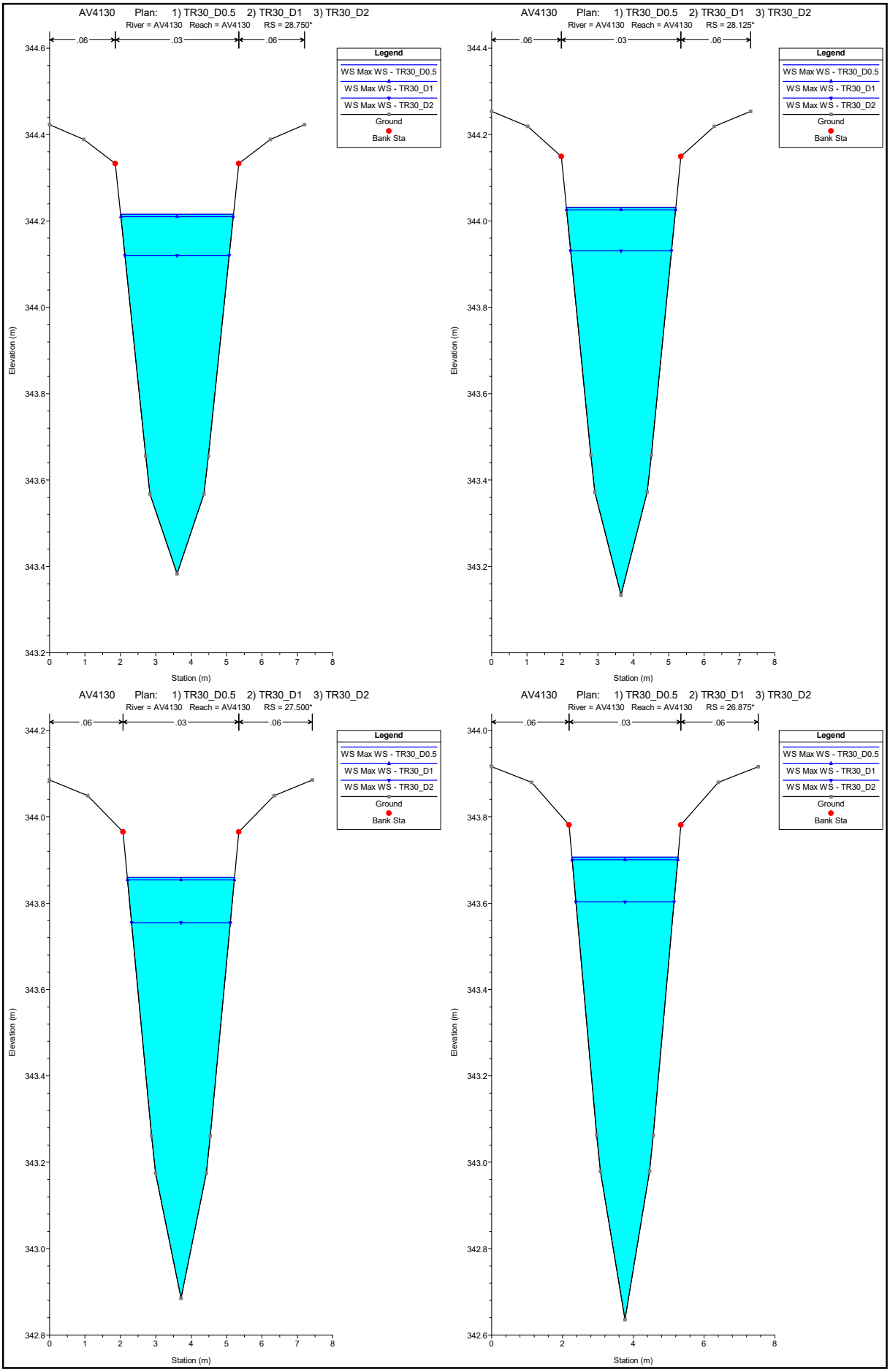

AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 40.750*
.06
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 40.625*
.06
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 40.500*
.06
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 40.375*
.06
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)

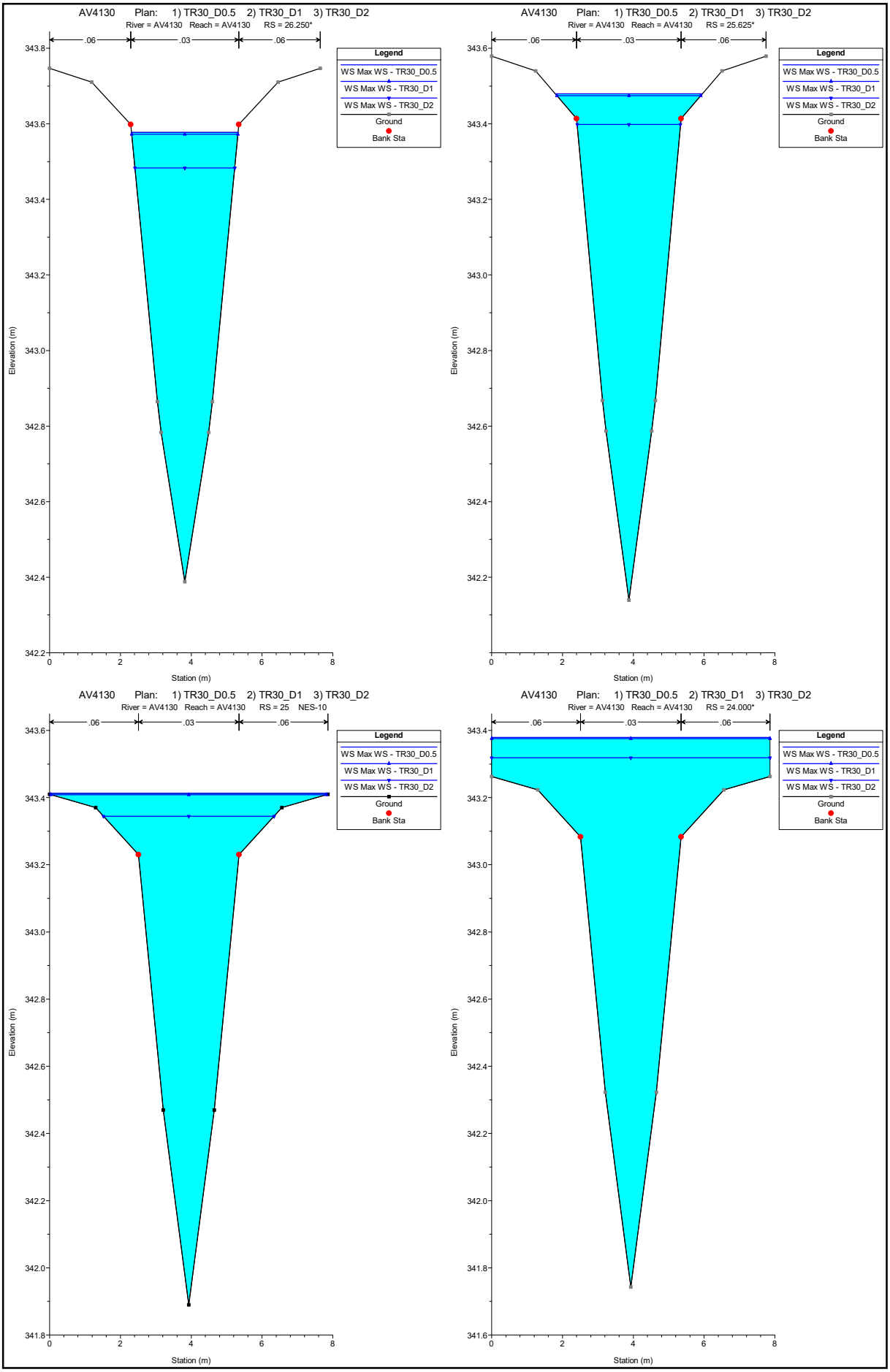

AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 40.250*
.06 .03 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 40.125*
.06 .03 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 40 NES-14
.03 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 39.167*
.03 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)

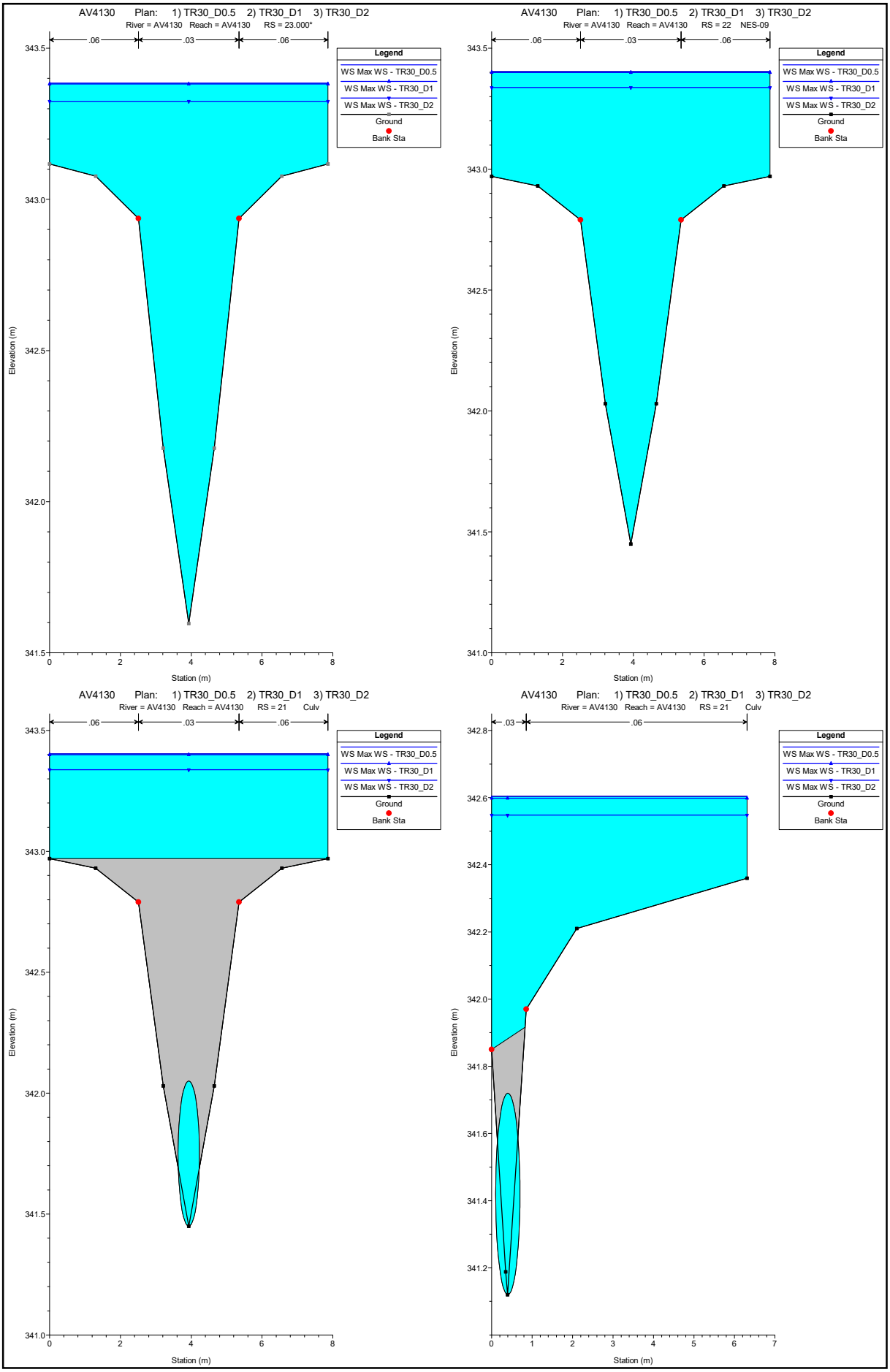

AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 38.333*
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 37.500*
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 36.667*
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 35.833*

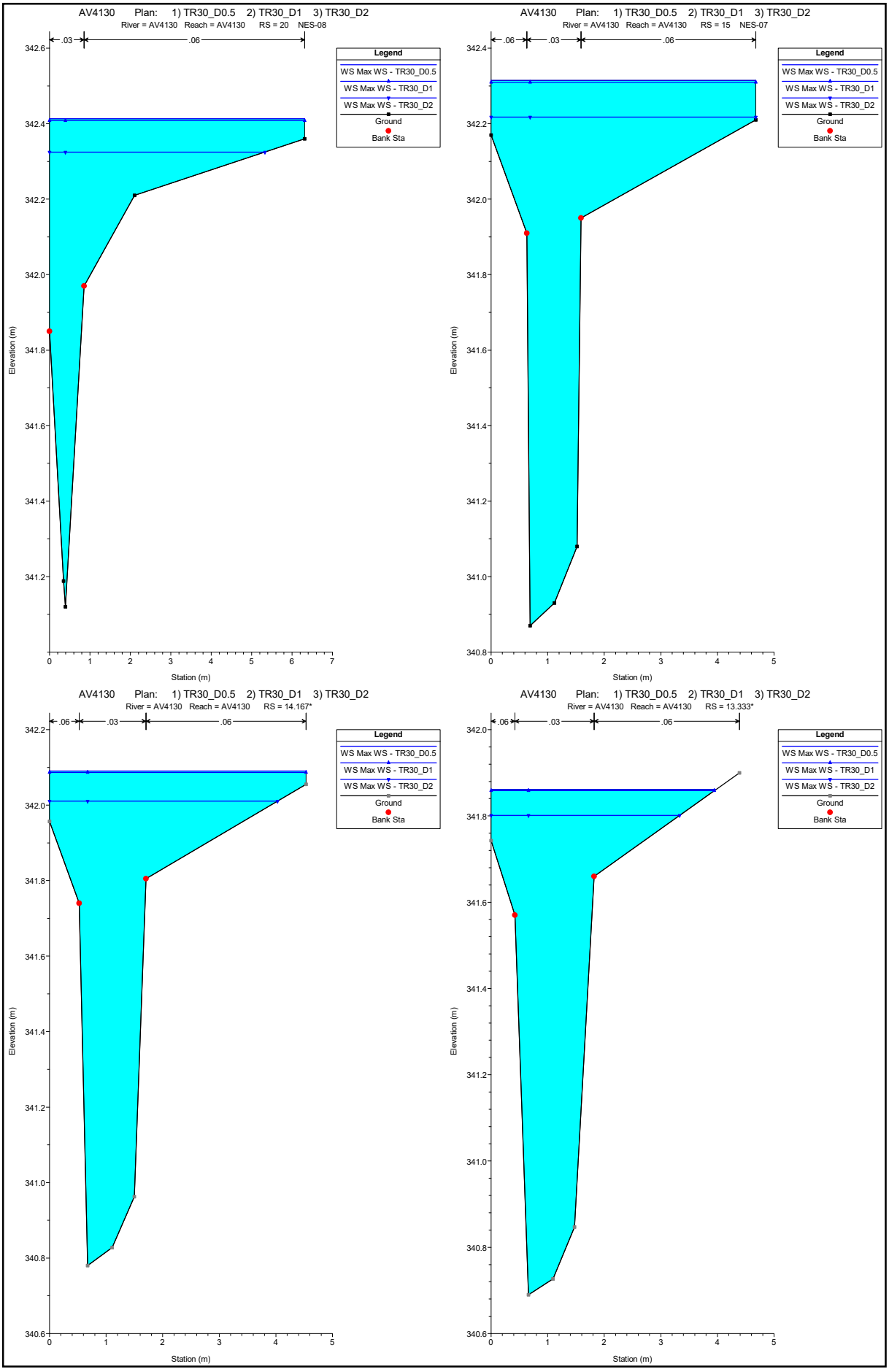

AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 35 NES-13
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 33 Culv
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 33 Culv
.06
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 32 NES-12
.06
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

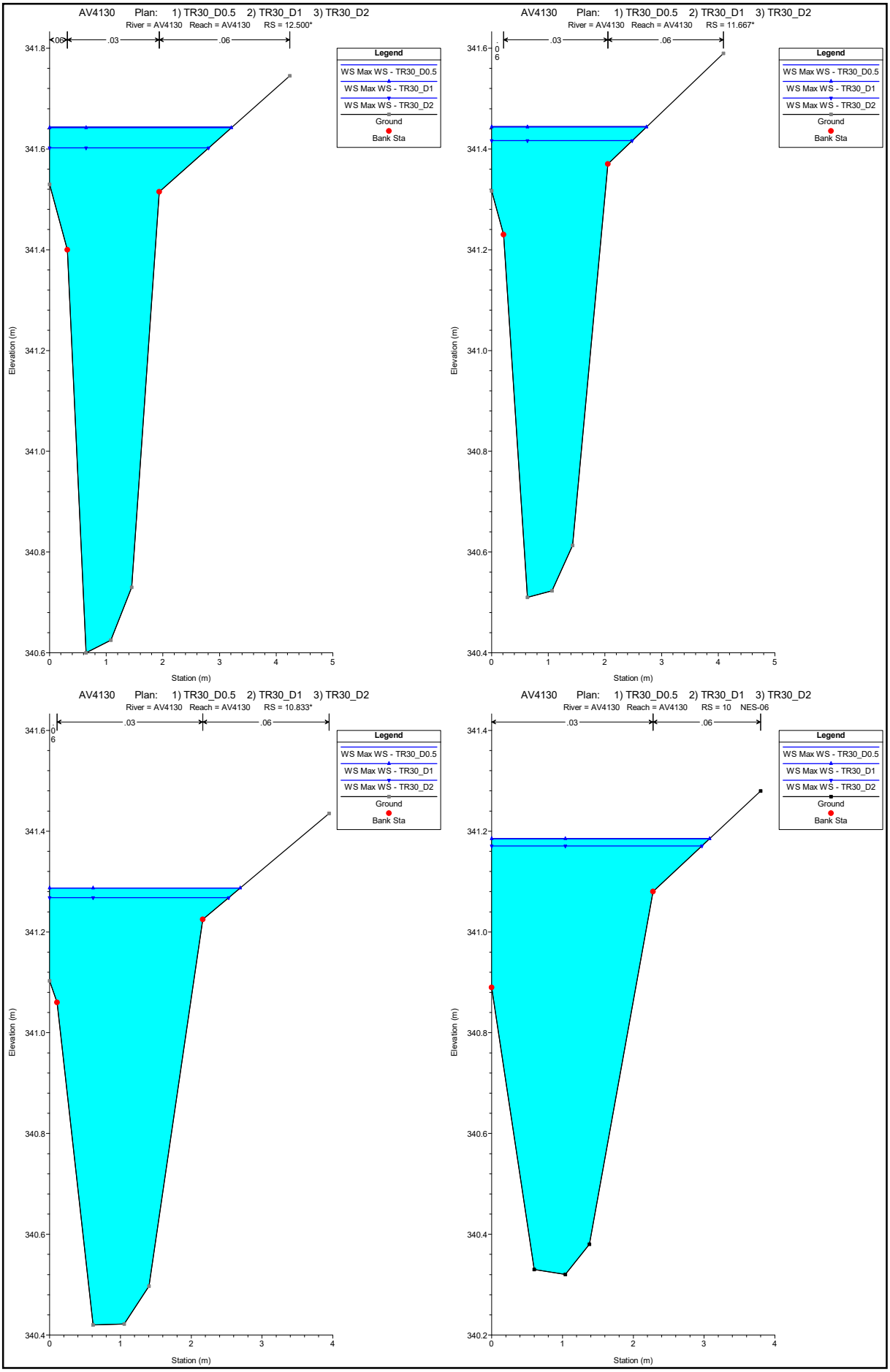

AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 31.333*
.06
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 30.667*
.06
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 30 NES-11
.06
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 29.375*
.06
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

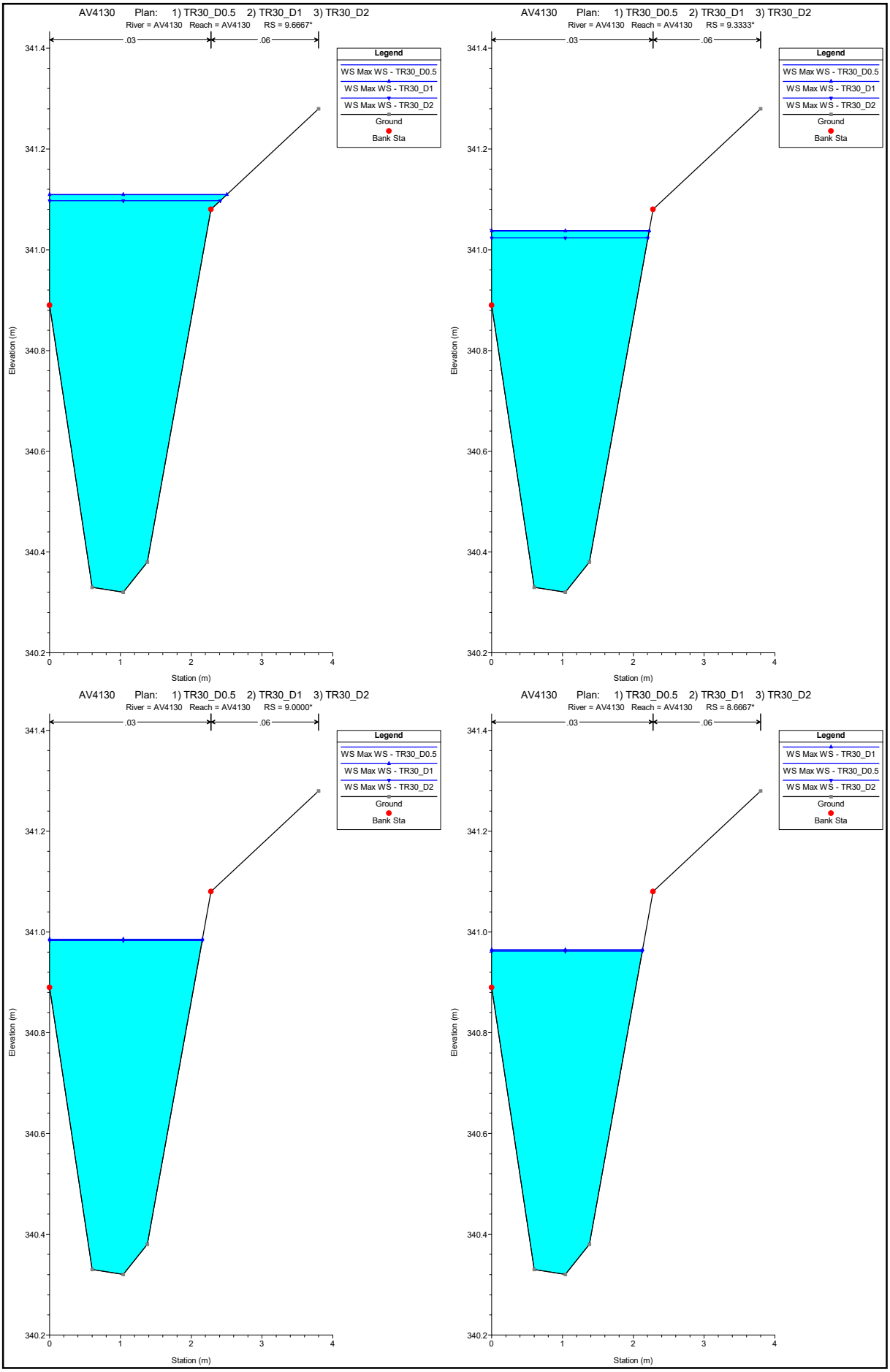

AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 28.750*
.06
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 28.125*
.06
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 27.500*
.06
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 26.875*
.06
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

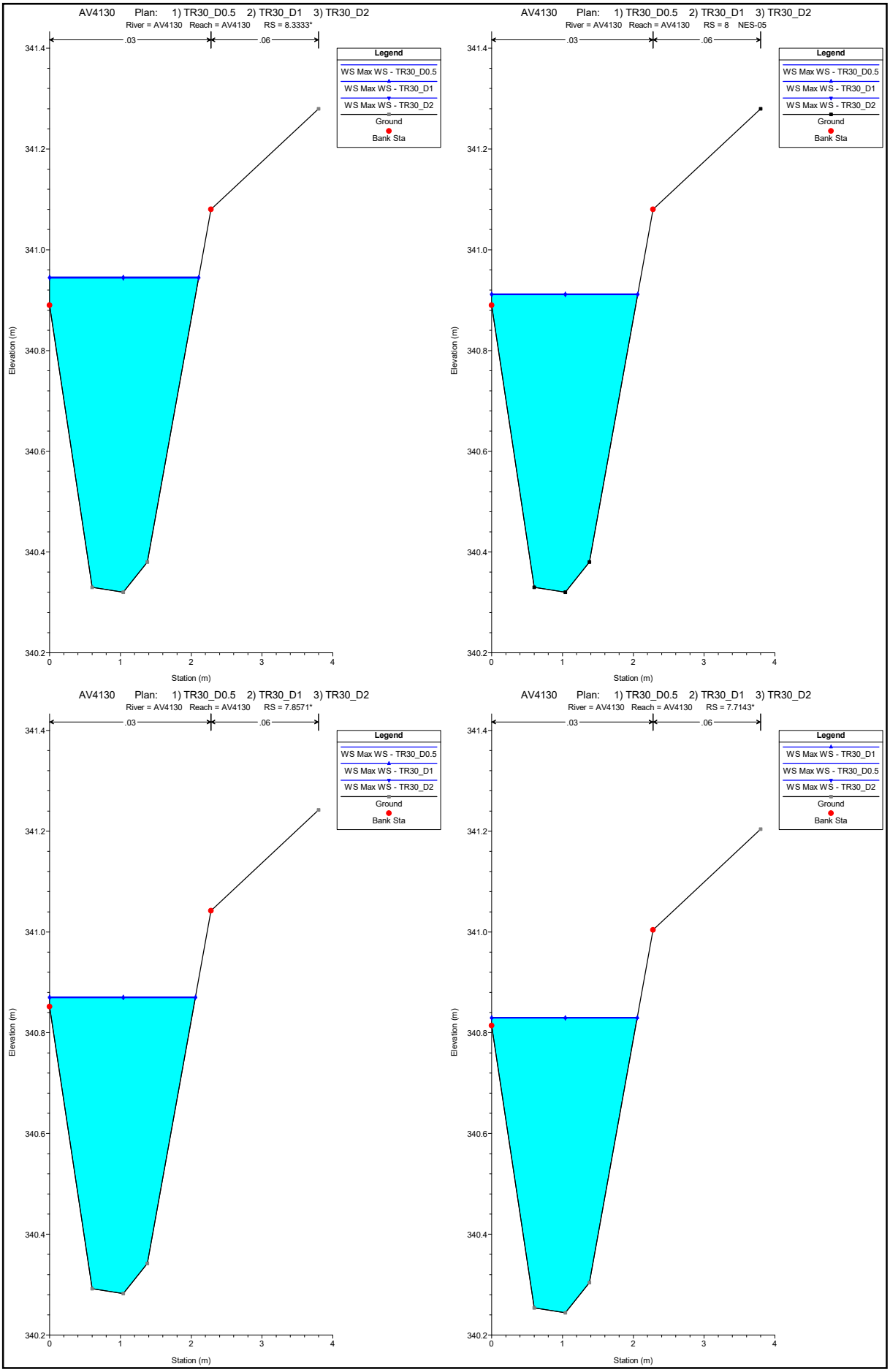

AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 26.250*
.06
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 25.625*
.06
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 25 NES-10
.06
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 24.000*
.06
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

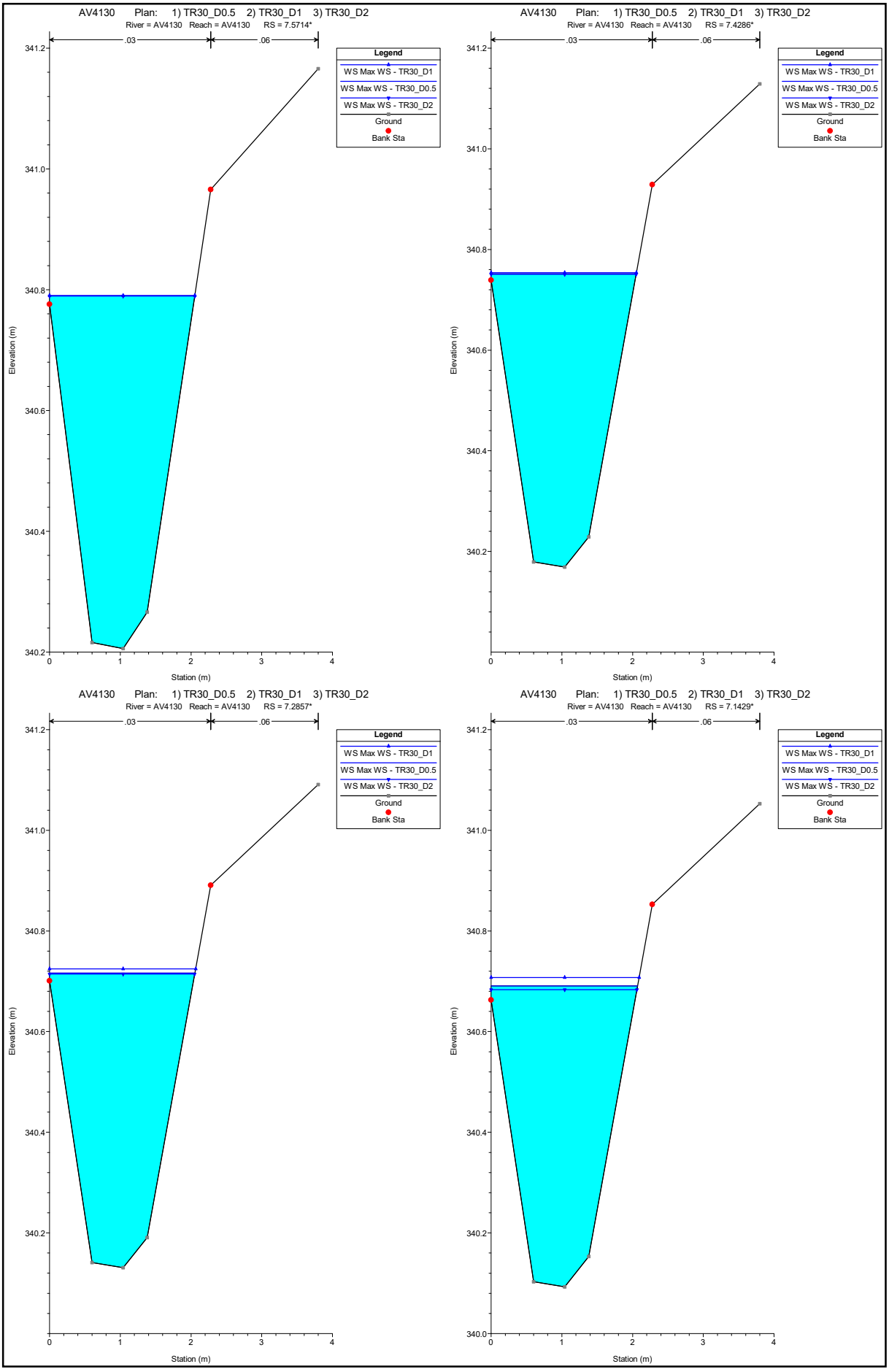

AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 23.000*
.06
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 22 NES-09
.06
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 21 Culv
.06
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 21 Culv
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

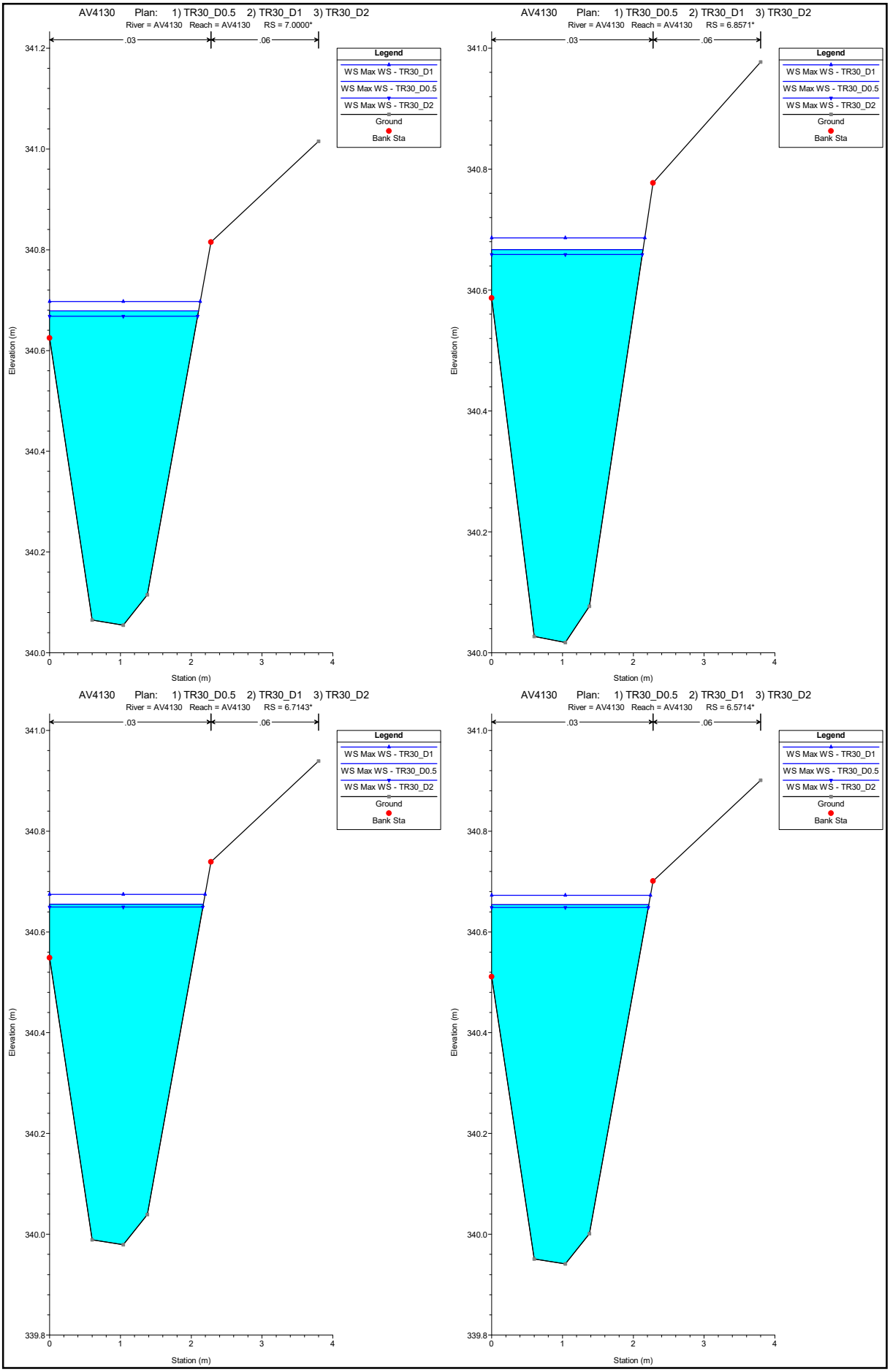

AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 20 NES-08
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 15 NES-07
.06
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 14.167*
.06
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 13.333*
.06
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

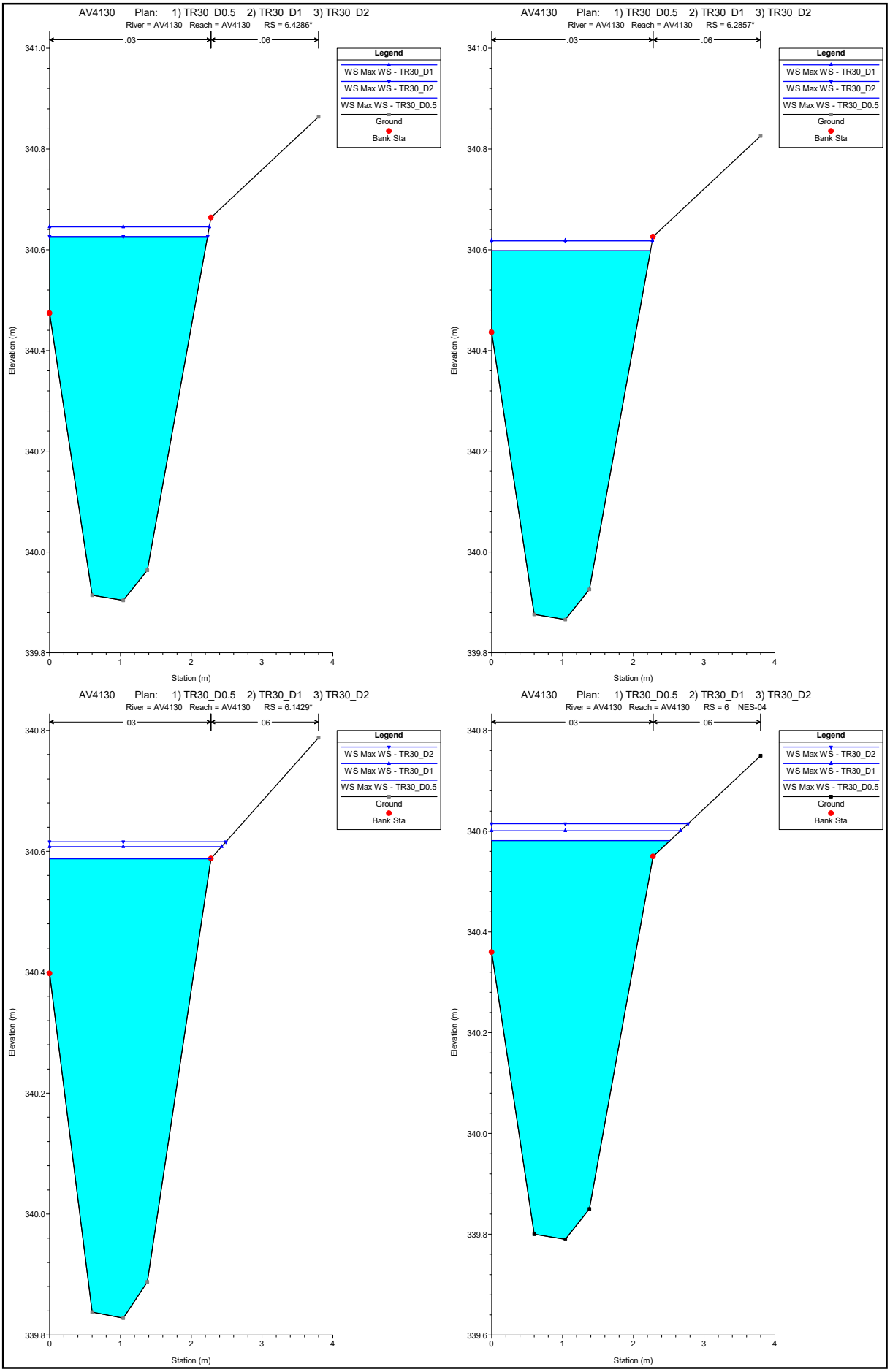

AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 12.500*
.06
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 11.667*
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 10.833*
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 10 NES-06
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

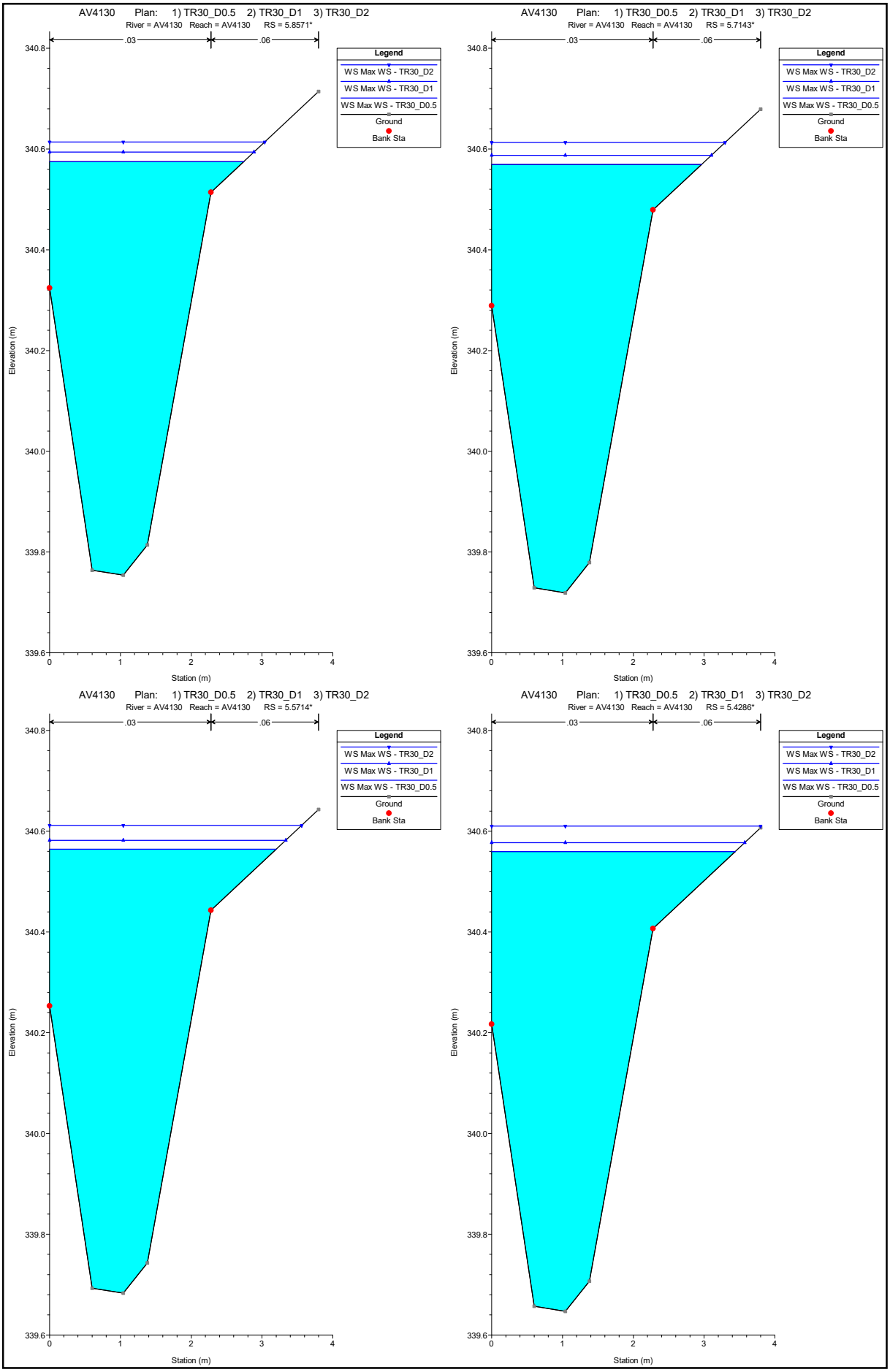

AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 9.6667*
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 9.3333*
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 9.0000*
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 8.6667*
.03
.06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

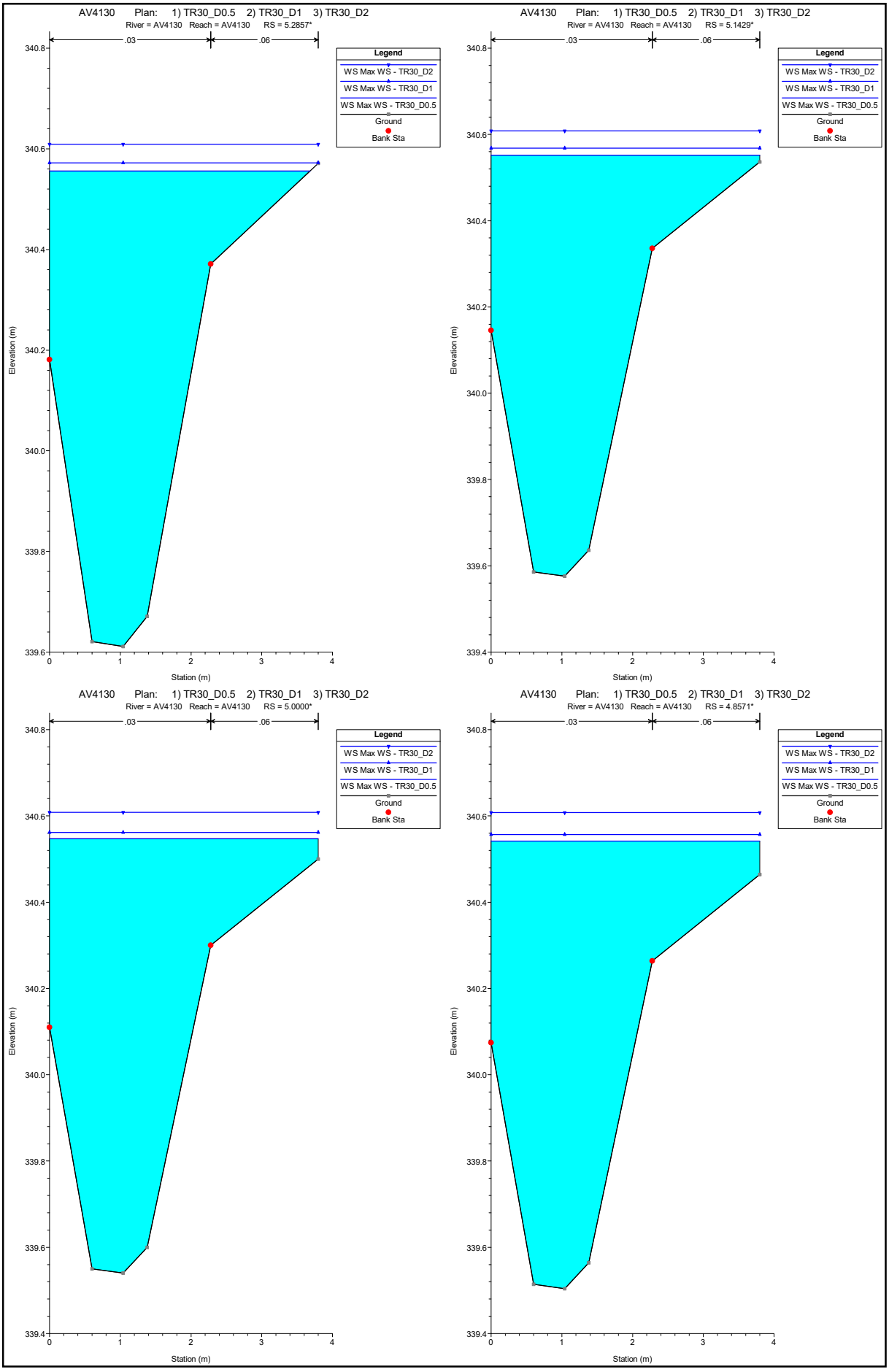

AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 8.3333*
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 8 NES-05
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 7.8571*
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 7.7143*
.03
.06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

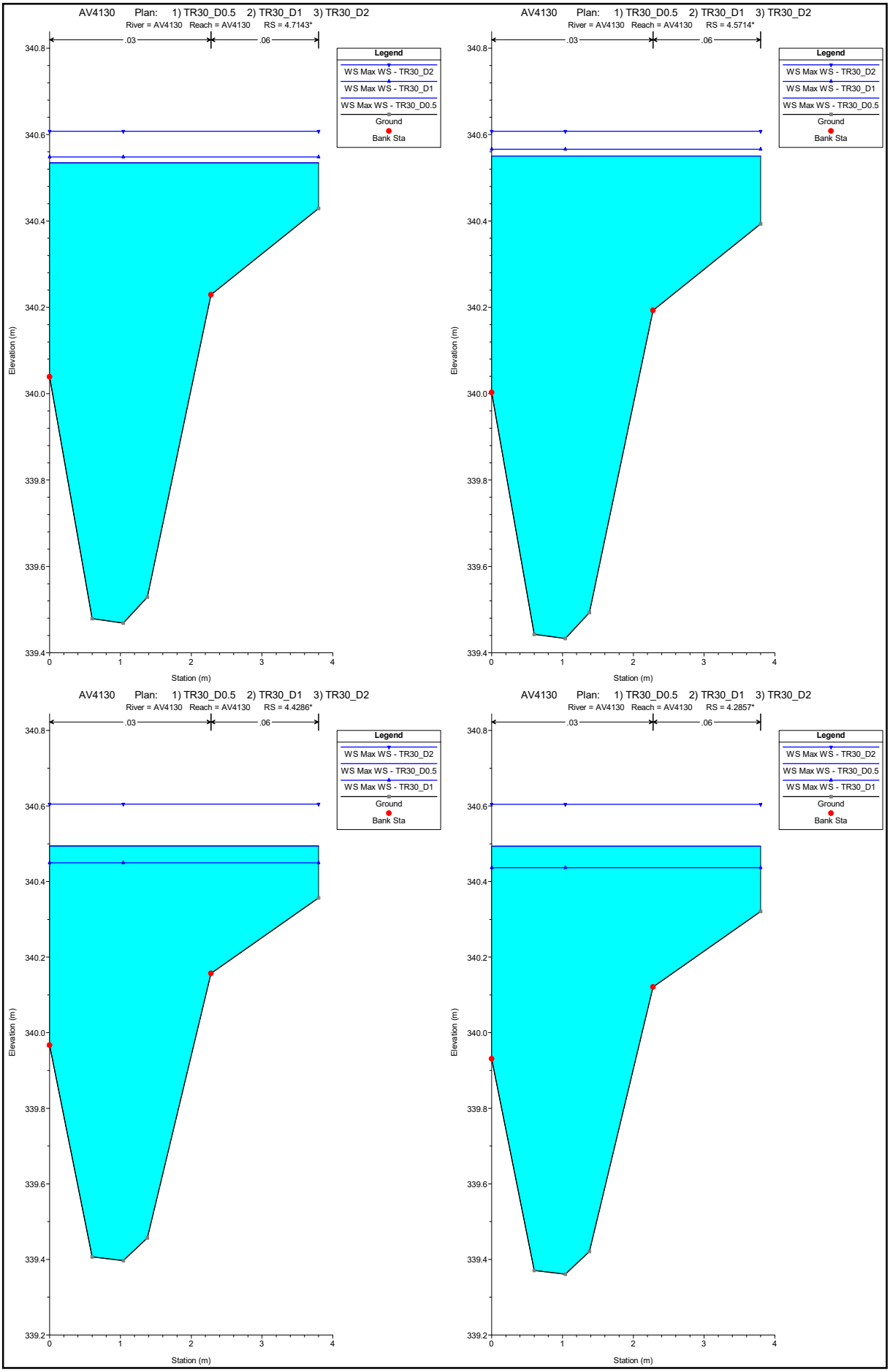

AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 7.5714*
.03
.06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 7.4286*
.03
.06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 7.2857*
.03
.06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 7.1429*
.03
.06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

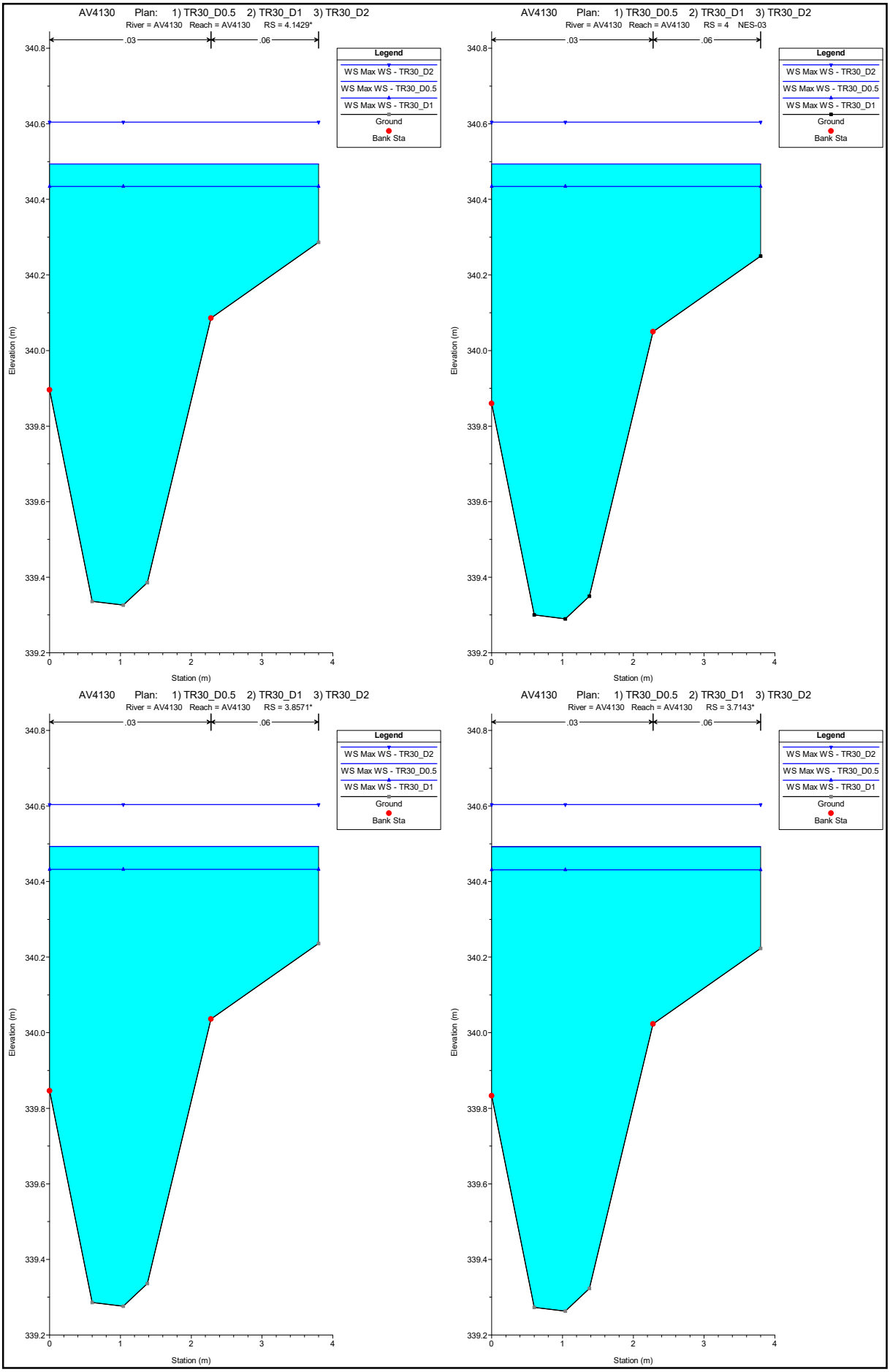

AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 7.0000*
.03
.06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 6.8571*
.03
.06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 6.7143*
.03
.06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 6.5714*
.03
.06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

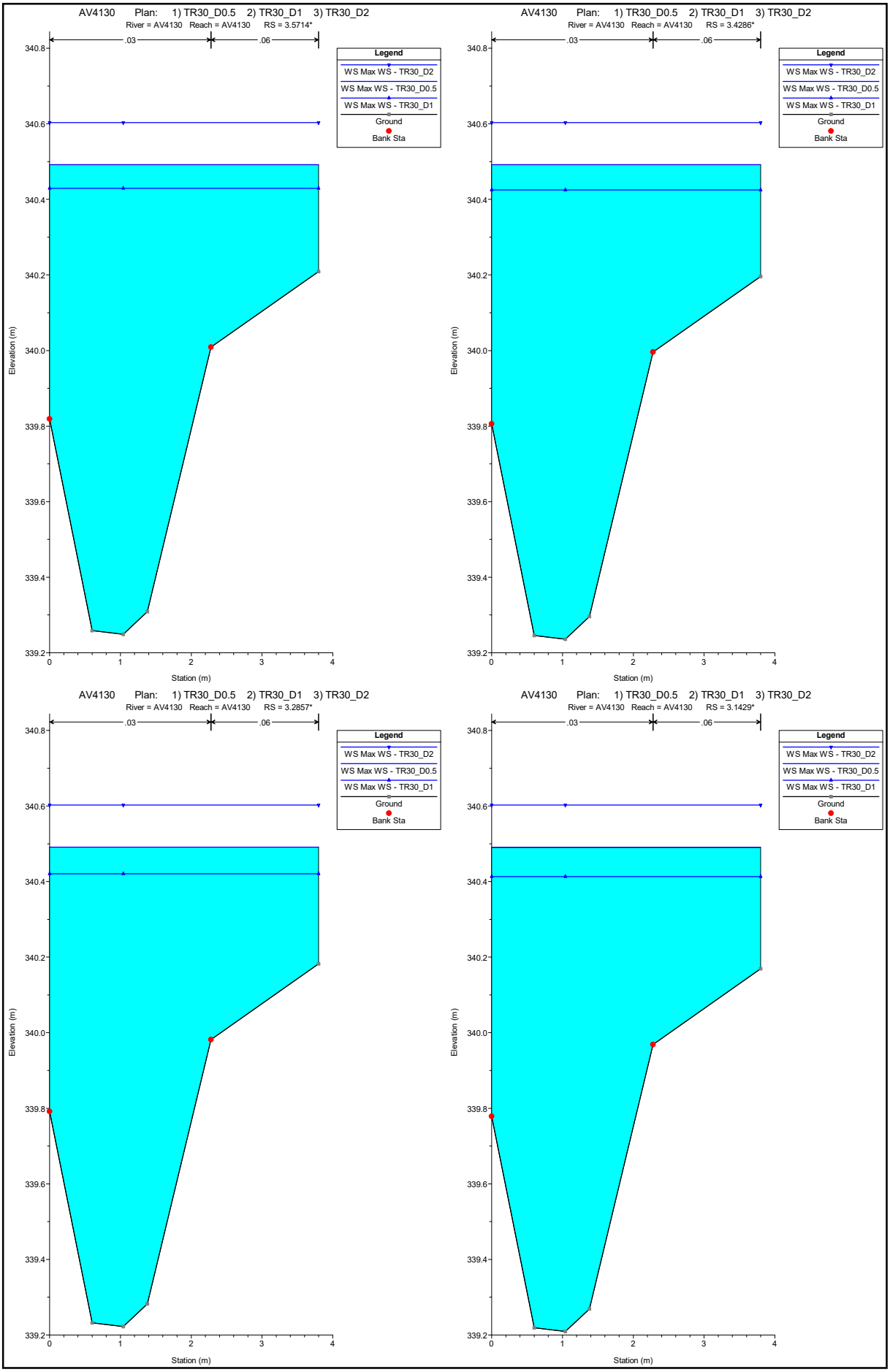

AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 6.4286*
.03
.06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D2
WS Max WS - TR30_D0.5
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 6.2857*
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 6.1429*
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 6 NES-04

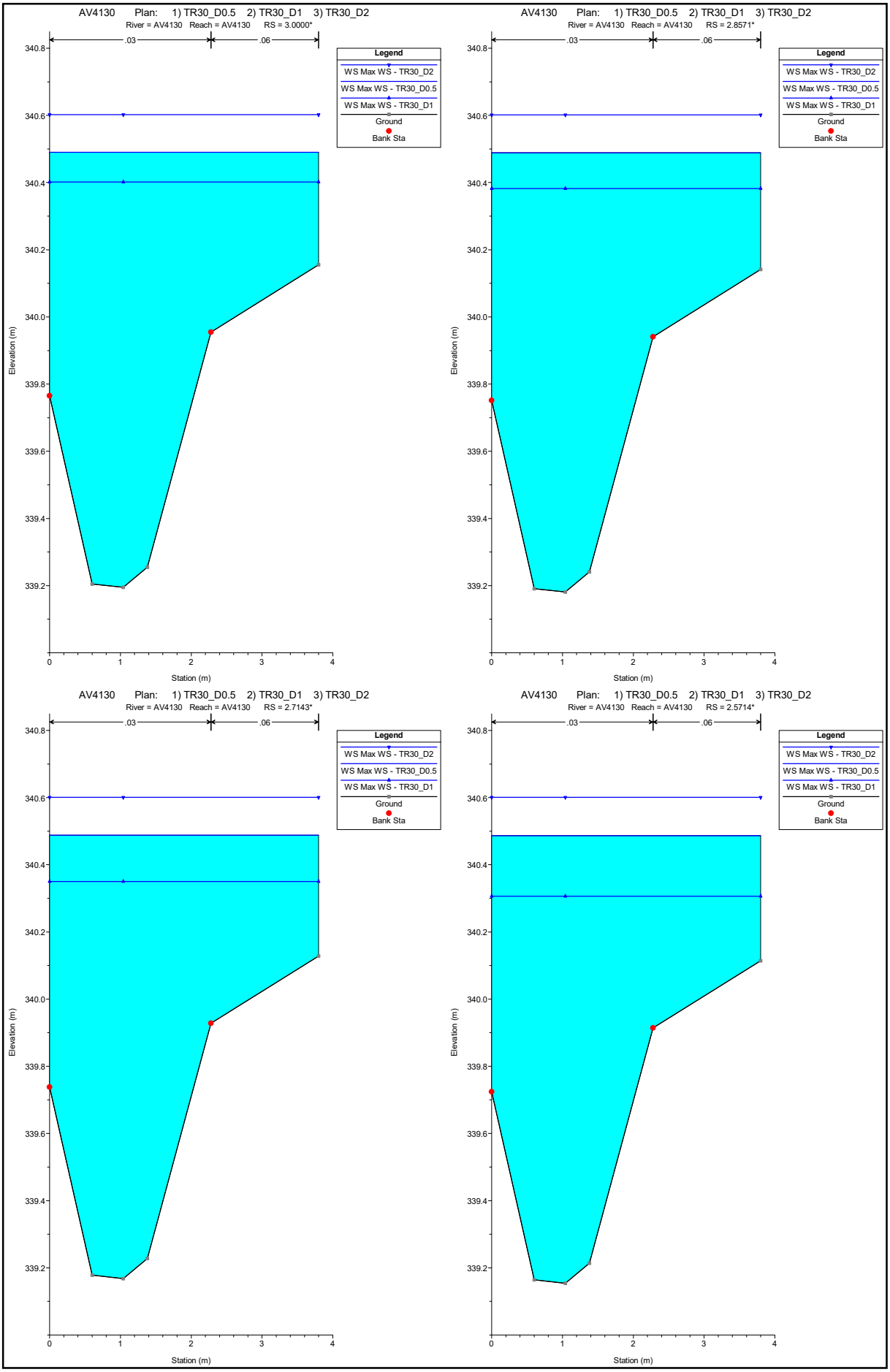

AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 5.8571*
.03
.06
Legend
WS Max WS - TR30_D2
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 5.7143*
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 5.5714*
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 5.4286*

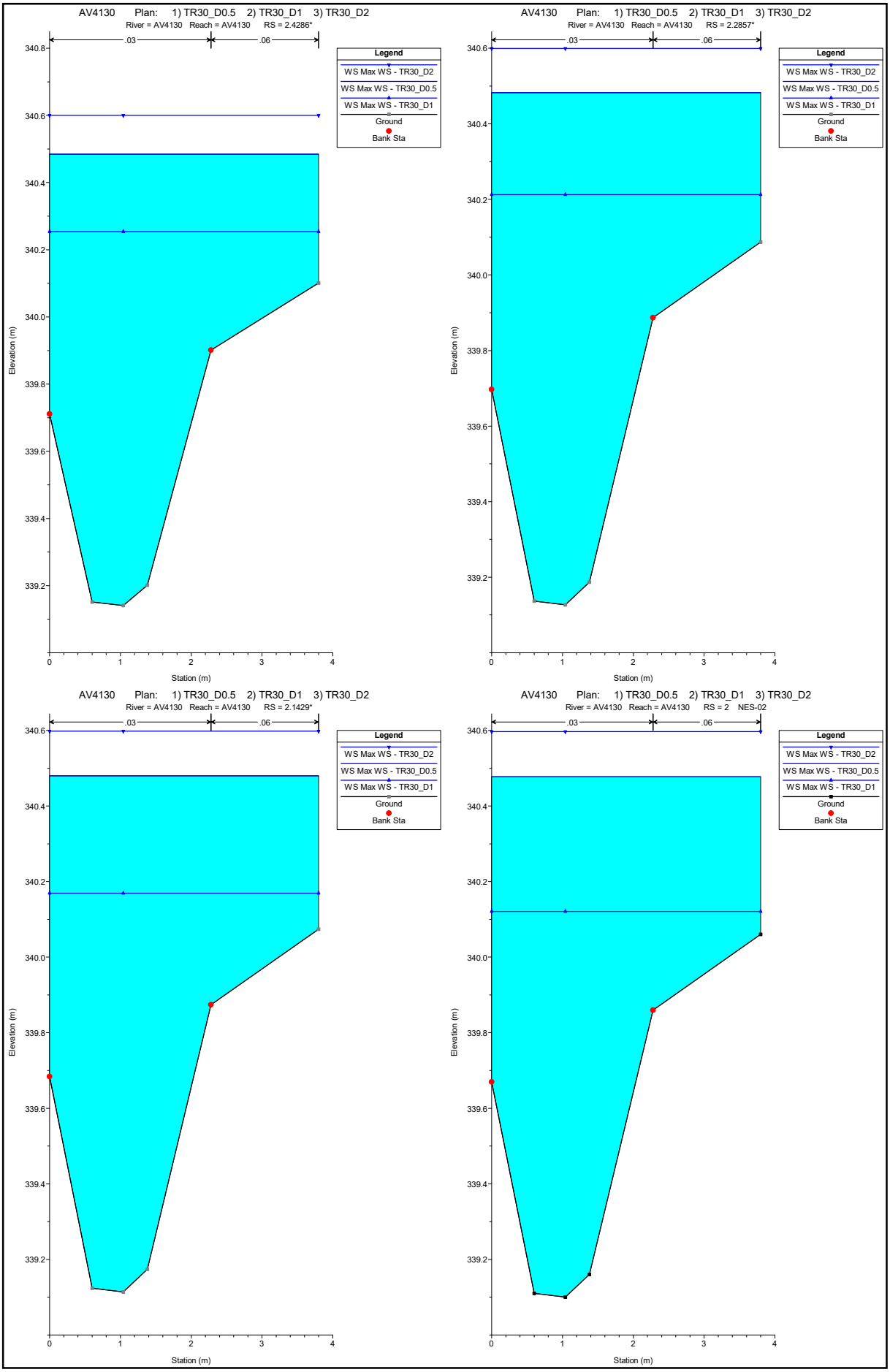

AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 5.2857*
.03
.06
Legend
WS Max WS - TR30_D2
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 5.1429*
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 5.0000*
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 4.8571*

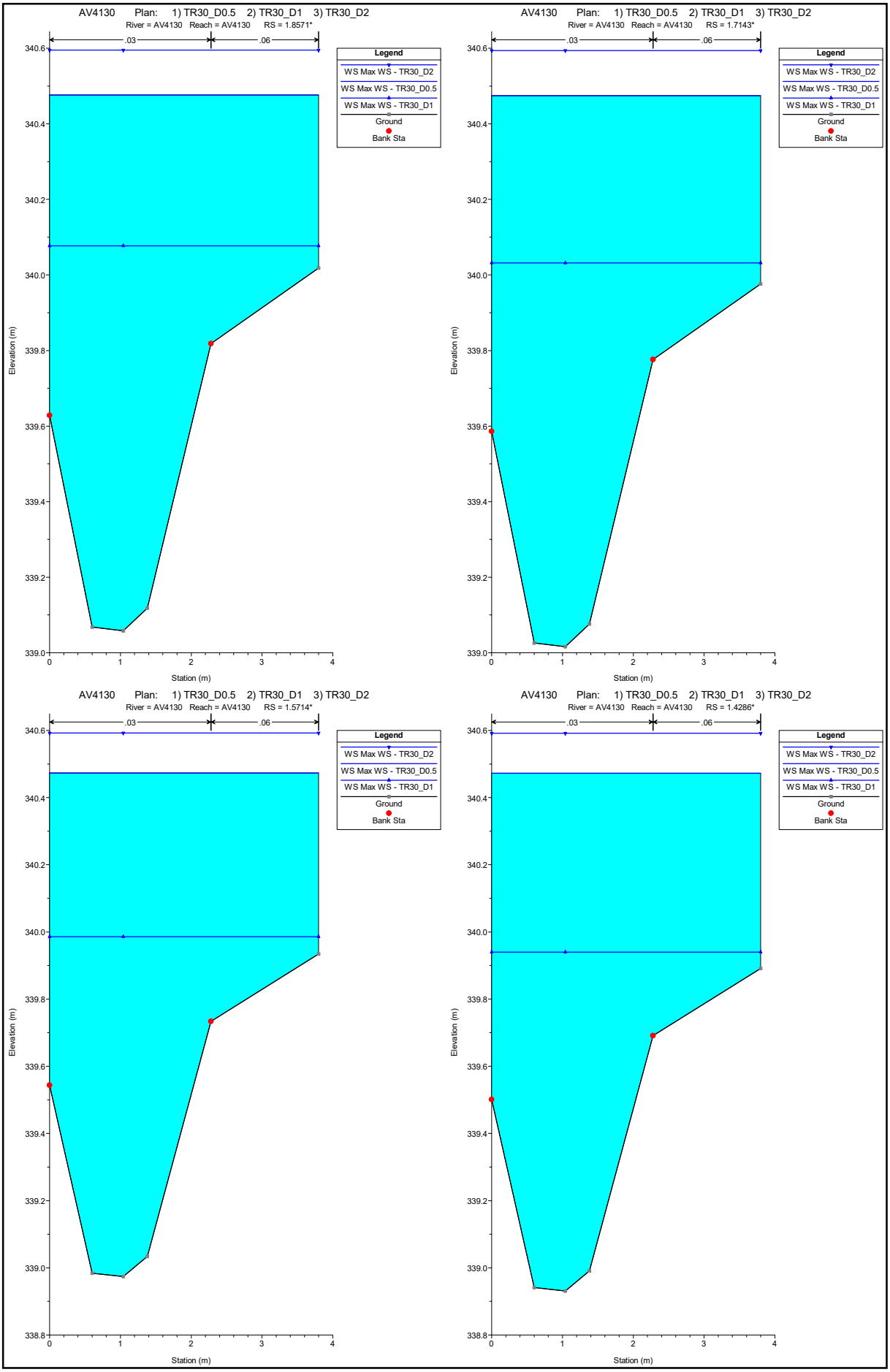

AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 4.7143*
.03
.06
Legend
WS Max WS - TR30_D2
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 4.5714*
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 4.4286*
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 4.2857*

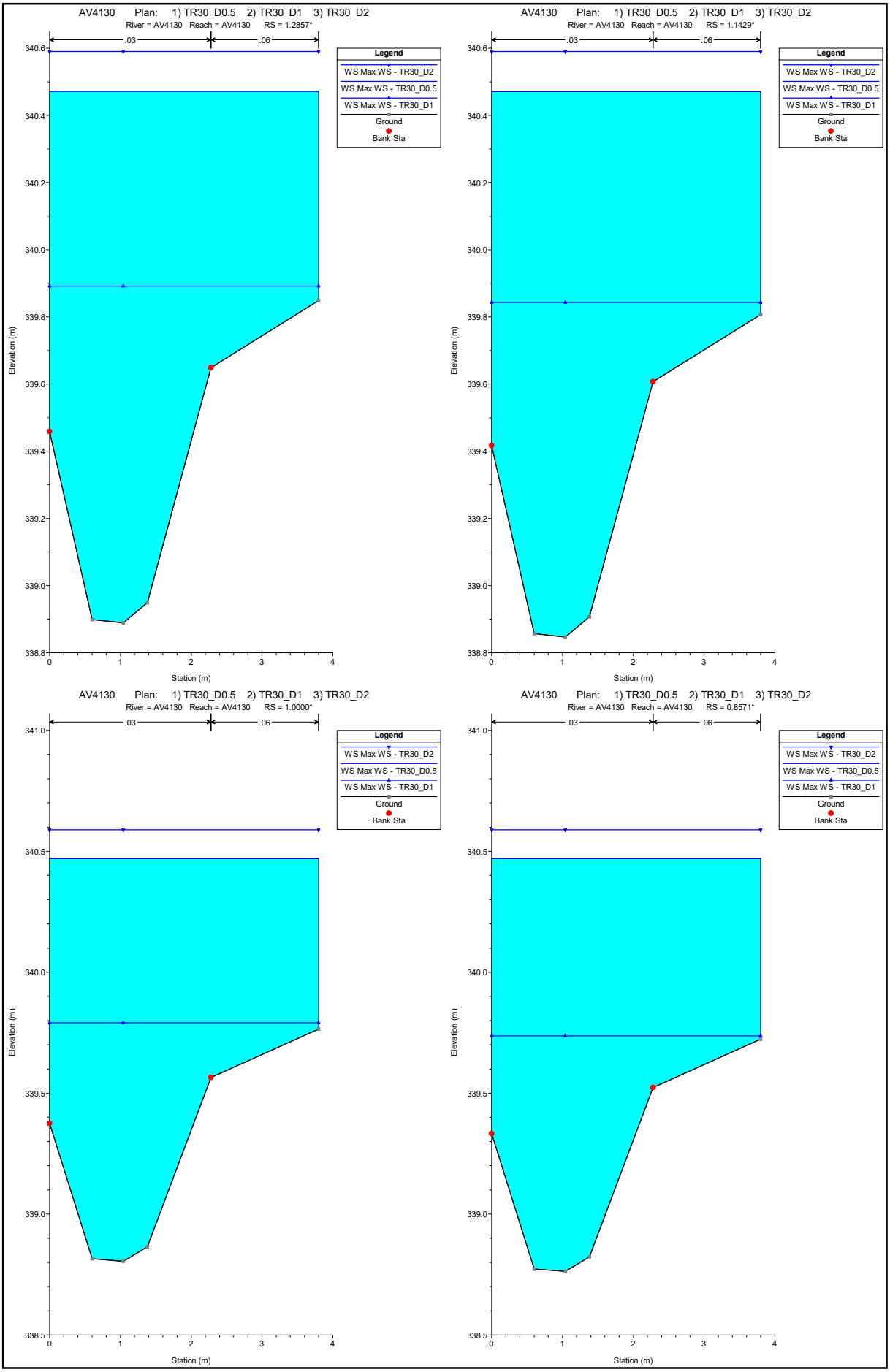

AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 4.1429*
.03
.06
Legend
WS Max WS - TR30_D2
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 4 NES-03
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 3.8571*
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 3.7143*

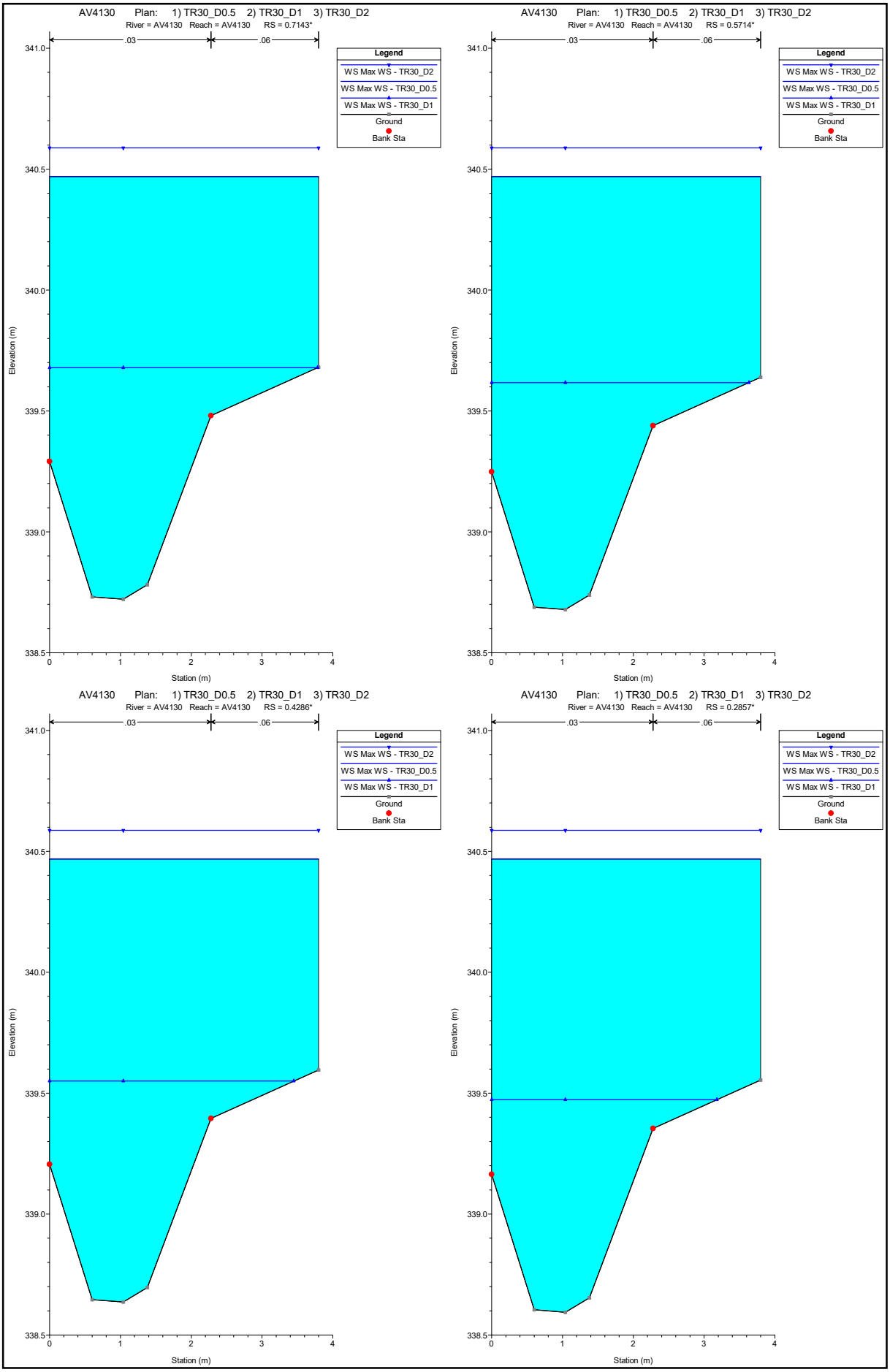

AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 3.5714*
.03
.06
Legend
WS Max WS - TR30_D2
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 3.4286*
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 3.2857*
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 3.1429*

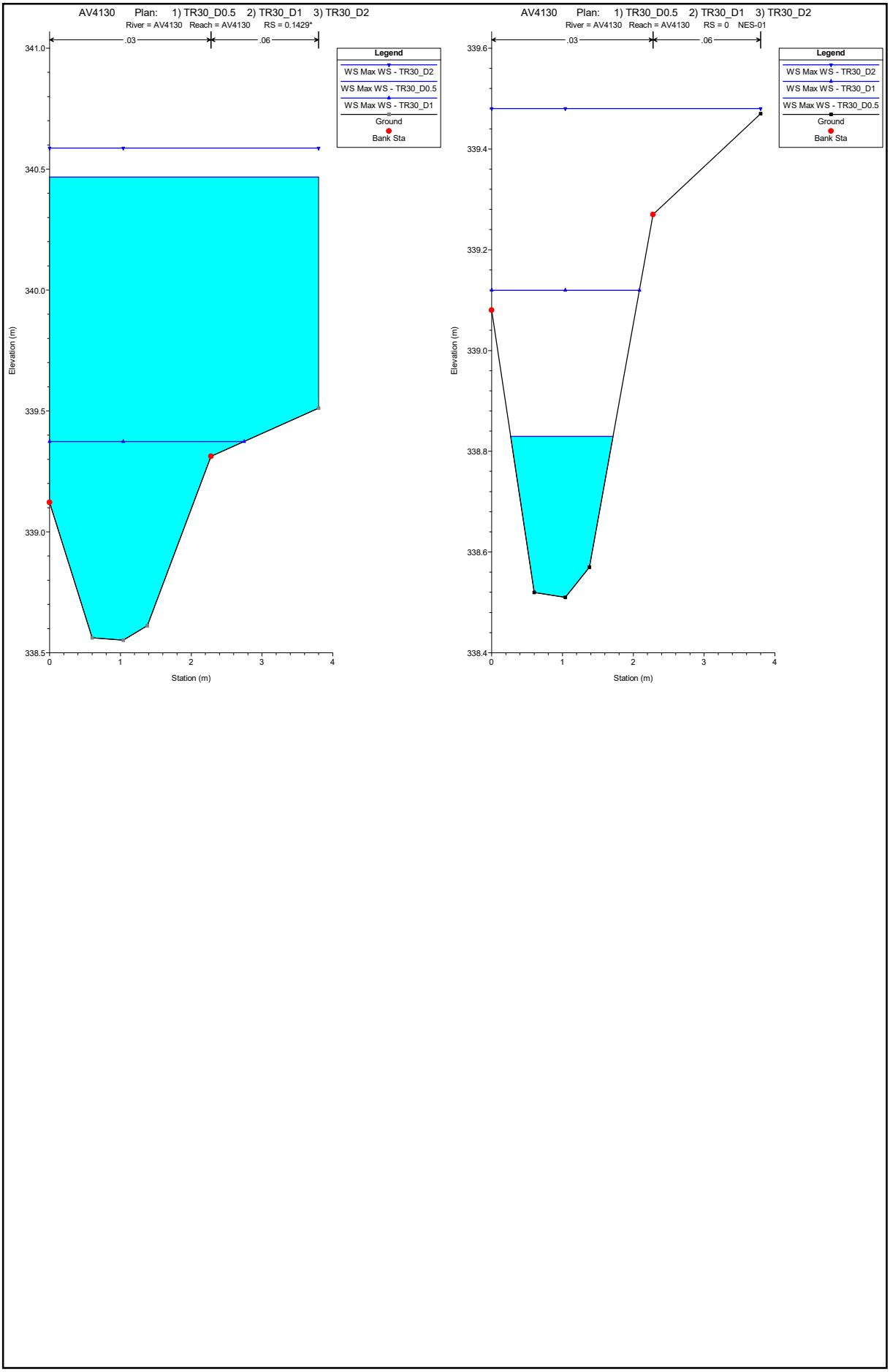

AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 3.0000*
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 2.8571*
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 2.7143*
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 2.5714*
.03
.06
Legend
WS Max WS - TR30_D2
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
340.8
340.6
340.4
340.2
340.0
339.8
339.6
339.4
339.2
0
1
2
3
4


AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 2.4286*
.03
.06
Legend
WS Max WS - TR30_D2
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 2.2857*
.03
.06
Legend
WS Max WS - TR30_D2
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 2.1429*
.03
.06
Legend
WS Max WS - TR30_D2
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 2 NES-02
.03
.06
Legend
WS Max WS - TR30_D2
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)


AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 1.8571*
.03
.06
Legend
WS Max WS - TR30_D2
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 1.7143*
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 1.5714*
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 1.4286*


AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 1.2857*
.03
.06
Legend
WS Max WS - TR30_D2
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 1.1429*
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 1.0000*
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 0.8571*


AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 0.7143*
.03
.06
Legend
WS Max WS - TR30_D2
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 0.5714*
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 0.4286*
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 0.2857*


AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 0.1429*
.03
.06
Legend
WS Max WS - TR30_D2
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
AV4130 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV4130 Reach = AV4130 RS = 0 NES-01
.03
.06
Legend
WS Max WS - TR30_D2
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
Ground
Bank Sta
Elevation (m)
Station (m)

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "AV4130"

AV4130

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 0.5, 1 e 2h

Dati idraulici

HEC-RAS River: AV4130 Reach: AV4130 Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
AV4130	100	Max WS	TR30_D0.5	5.80	369.28	370.22	370.52	371.18	0.050863	4.50		1.50	1.52	2.96	1.84
AV4130	100	Max WS	TR30_D1	5.70	369.28	370.22	370.52	371.16	0.050844	4.48		1.48	1.50	2.96	1.83
AV4130	100	Max WS	TR30_D2	3.90	369.28	370.08	370.32	370.87	0.050922	4.02		1.11	1.11	2.83	1.79
AV4130	99.99			Lat Struct											
AV4130	99.98			Lat Struct											
AV4130	98.000*	Max WS	TR30_D0.5	5.80	368.81	369.77	370.08	370.76	0.052213	4.55		1.43	1.47	2.86	1.85
AV4130	98.000*	Max WS	TR30_D1	5.70	368.81	369.76	370.07	370.74	0.052077	4.52		1.41	1.45	2.85	1.84
AV4130	98.000*	Max WS	TR30_D2	3.90	368.81	369.63	369.87	370.43	0.051248	4.03		1.01	1.08	2.72	1.78
AV4130	96.000*	Max WS	TR30_D0.5	5.80	368.34	369.30	369.61	370.36	0.053308	4.66	0.40	1.33	1.41	3.26	1.86
AV4130	96.000*	Max WS	TR30_D1	5.70	368.34	369.30	369.61	370.34	0.053352	4.63	0.38	1.31	1.39	3.20	1.86
AV4130	96.000*	Max WS	TR30_D2	3.90	368.34	369.17	369.43	369.99	0.052698	4.07		0.88	1.04	2.62	1.79
AV4130	94.000*	Max WS	TR30_D0.5	5.80	367.86	368.83	369.15	369.94	0.052994	4.77	0.91	1.19	1.40	3.15	1.86
AV4130	94.000*	Max WS	TR30_D1	5.70	367.86	368.83	369.14	369.92	0.053073	4.74	0.88	1.17	1.38	3.15	1.85
AV4130	94.000*	Max WS	TR30_D2	3.90	367.86	368.70	368.96	369.57	0.054179	4.15	0.34	0.68	0.99	2.77	1.81
AV4130	92.000*	Max WS	TR30_D0.5	5.80	367.39	368.37	368.70	369.51	0.052126	4.85	1.22	1.04	1.38	2.80	1.84
AV4130	92.000*	Max WS	TR30_D1	5.70	367.39	368.36	368.69	369.49	0.052160	4.82	1.21	1.02	1.36	2.80	1.84
AV4130	92.000*	Max WS	TR30_D2	3.90	367.39	368.23	368.49	369.12	0.052986	4.21	0.79	0.55	0.99	2.59	1.79
AV4130	90	Max WS	TR30_D0.5	5.77	366.92	367.89	368.25	369.13	0.054935	5.04	1.39	0.88	1.31	2.46	1.87
AV4130	90	Max WS	TR30_D1	5.67	366.92	367.89	368.24	369.11	0.055022	5.01	1.38	0.85	1.29	2.46	1.87
AV4130	90	Max WS	TR30_D2	3.90	366.92	367.74	368.03	368.69	0.056040	4.37	1.11	0.41	0.97	2.12	1.82
AV4130	88.333*	Max WS	TR30_D0.5	5.80	366.45	367.49	367.87	368.78	0.053507	5.15	1.25	1.10	1.31	2.38	1.87
AV4130	88.333*	Max WS	TR30_D1	5.70	366.45	367.48	367.86	368.76	0.053640	5.12	1.24	1.08	1.29	2.36	1.87
AV4130	88.333*	Max WS	TR30_D2	3.90	366.45	367.33	367.64	368.34	0.056554	4.51	1.10	0.72	0.95	2.05	1.85
AV4130	86.667*	Max WS	TR30_D0.5	5.80	365.97	367.14	367.47	368.27	0.040692	4.84	0.83	1.24	1.44	2.39	1.66
AV4130	86.667*	Max WS	TR30_D1	5.69	365.97	367.13	367.47	368.25	0.040886	4.82	0.83	1.23	1.42	2.38	1.66
AV4130	86.667*	Max WS	TR30_D2	3.90	365.97	366.95	367.25	367.87	0.044799	4.30	0.81	0.94	1.02	2.05	1.67
AV4130	85	Max WS	TR30_D0.5	5.80	365.50	366.85	367.07	367.61	0.037370	4.08		1.52	1.72	2.50	1.28
AV4130	85	Max WS	TR30_D1	5.69	365.50	366.84	367.06	367.59	0.037165	4.06		1.50	1.70	2.49	1.28
AV4130	85	Max WS	TR30_D2	3.90	365.50	366.66	366.83	367.26	0.033129	3.54		1.17	1.28	2.18	1.23
AV4130	84.000*	Max WS	TR30_D0.5	5.80	365.32	366.54	366.77	367.30	0.025723	4.01	0.77	1.07	1.79	3.00	1.36
AV4130	84.000*	Max WS	TR30_D1	5.69	365.32	366.54	366.76	367.29	0.025639	3.98	0.76	1.05	1.77	2.98	1.36
AV4130	84.000*	Max WS	TR30_D2	3.90	365.32	366.38	366.54	366.95	0.024253	3.40	0.69	0.81	1.34	2.64	1.28
AV4130	83.000*	Max WS	TR30_D0.5	5.80	365.14	366.30	366.49	366.95	0.023459	3.70	0.92	0.88	1.91	3.59	1.32
AV4130	83.000*	Max WS	TR30_D1	5.69	365.14	366.30	366.49	366.94	0.023391	3.67	0.91	0.87	1.89	3.57	1.31
AV4130	83.000*	Max WS	TR30_D2	3.90	365.14	366.16	366.28	366.64	0.022276	3.15	0.75	0.64	1.42	3.14	1.24
AV4130	82.000*	Max WS	TR30_D0.5	5.80	364.95	366.08	366.25	366.66	0.021999	3.46	0.89	0.72	2.00	4.20	1.28
AV4130	82.000*	Max WS	TR30_D1	5.69	364.95	366.08	366.24	366.64	0.021924	3.43	0.88	0.71	1.97	4.17	1.28
AV4130	82.000*	Max WS	TR30_D2	3.90	364.95	365.95	366.06	366.38	0.020991	2.95	0.65	0.48	1.47	3.60	1.21
AV4130	81.000*	Max WS	TR30_D0.5	5.80	364.77	365.87	366.02	366.40	0.021200	3.29	0.78	0.57	2.05	4.86	1.26
AV4130	81.000*	Max WS	TR30_D1	5.69	364.77	365.86	366.02	366.39	0.021115	3.26	0.77	0.56	2.02	4.81	1.26
AV4130	81.000*	Max WS	TR30_D2	3.90	364.77	365.75	365.84	366.13	0.019596	2.77	0.47	0.33	1.51	4.02	1.17
AV4130	80	Max WS	TR30_D0.5	5.80	364.59	365.52	365.81	366.41	0.051291	4.18	0.47		1.41	3.22	1.88
AV4130	80	Max WS	TR30_D1	5.69	364.59	365.51	365.81	366.39	0.051114	4.14	0.45		1.39	3.19	1.87
AV4130	80	Max WS	TR30_D2	3.90	364.59	365.39	365.63	366.10	0.053230	3.72			1.05	2.55	1.86
AV4130	78.750*	Max WS	TR30_D0.5	5.80	364.12	365.04	365.35	365.97	0.053712	4.26	0.04		1.36	2.64	1.89
AV4130	78.750*	Max WS	TR30_D1	5.69	364.12	365.04	365.34	365.95	0.053742	4.23			1.34	2.62	1.89
AV4130	78.750*	Max WS	TR30_D2	3.90	364.12	364.90	365.14	365.67	0.054772	3.88			1.00	2.27	1.86
AV4130	77.500*	Max WS	TR30_D0.5	5.80	363.64	364.55	364.86	365.53	0.054412	4.37			1.33	2.39	1.87
AV4130	77.500*	Max WS	TR30_D1	5.69	363.64	364.54	364.85	365.51	0.054533	4.36			1.31	2.37	1.87
AV4130	77.500*	Max WS	TR30_D2	3.90	363.64	364.40	364.65	365.21	0.055381	3.98			0.98	2.09	1.86
AV4130	76.250*	Max WS	TR30_D0.5	5.80	363.16	364.06	364.37	365.04	0.053275	4.40			1.32	2.23	1.83
AV4130	76.250*	Max WS	TR30_D1	5.69	363.16	364.05	364.36	365.03	0.053416	4.38			1.30	2.22	1.83
AV4130	76.250*	Max WS	TR30_D2	3.90	363.16	363.89	364.16	364.72	0.056180	4.05			0.96	1.97	1.85
AV4130	75	Max WS	TR30_D0.5	5.80	362.69	363.65	363.87	364.38	0.035143	3.79			1.53	2.24	1.47
AV4130	75	Max WS	TR30_D1	5.69	362.69	363.64	363.85	364.37	0.035136	3.77			1.51	2.23	1.46
AV4130	75	Max WS	TR30_D2	3.90	362.69	363.47	363.64	364.06	0.034833	3.41			1.14	2.03	1.45
AV4130	74.444*	Max WS	TR30_D0.5	5.80	362.37	363.33	363.54	364.06	0.035255	3.79			1.53	2.29	1.48
AV4130	74.444*	Max WS	TR30_D1	5.69	362.37	363.32	363.53	364.05	0.035231	3.77			1.51	2.27	1.48
AV4130	74.444*	Max WS	TR30_D2	3.90	362.37	363.15	363.33	363.75	0.034907	3.41			1.14	2.06	1.46
AV4130	73.889*	Max WS	TR30_D0.5	5.80	362.04	363.01	363.23	363.74	0.035385	3.79			1.53	2.34	1.50
AV4130	73.889*	Max WS	TR30_D1	5.69	362.04	363.00	363.22	363.73	0.035339	3.77			1.51	2.32	1.50
AV4130	73.889*	Max WS	TR30_D2	3.90	362.04	362.84	363.01	363.43	0.034856	3.41			1.15	2.10	1.47
AV4130	73.333*	Max WS	TR30_D0.5	5.80	361.72	362.68	362.90	363.42	0.035735	3.80			1.53	2.39	1.52
AV4130	73.333*	Max WS	TR30_D1	5.69	361.72	362.68	362.89	363.40	0.035677	3.78			1.51	2.38	1.52
AV4130	73.333*	Max WS	TR30_D2	3.90	361.72	362.52	362.69	363.11	0.034905	3.40			1.15	2.14	1.48
AV4130	72.778*	Max WS	TR30_D0.5	5.80	361.40	362.36	362.58	363.10	0.036381	3.81			1.52	2.45	1.55
AV4130	72.778*	Max WS	TR30_D1	5.69	361.40	362.35	362.57	363.08	0.036289	3.79			1.50	2.44	1.54
AV4130	72.778*	Max WS	TR30_D2	3.90	361.40	362.20	362.37	362.78	0.034963	3.39			1.15	2.19	1.50
AV4130	72.222*	Max WS	TR30_D0.5	5.80	361.07	362.03	362.25	362.78	0.036084	3.82	0.26		1.52	2.57	1.56
AV4130	72.222*	Max WS	TR30_D1	5.69	361.07	362.02	362.24	362.76	0.036060	3.80	0.24		1.50	2.55	1.56
AV4130	72.222*	Max WS	TR30_D2	3.90	361.07	361.88	362.05	362.46	0.034869	3.37			1.16	2.25	1.50
AV4130	71.667*	Max WS	TR30_D0.5	5.80	360.75	361.70	361.93	362.45	0.036161	3.84	0.41		1.52	2.69	1.58
AV4130	71.667*	Max WS	TR30_D1	5.69	360.75	361.69	361.92	362.44	0.036159	3.82	0.39		1.50	2.67	1.58
AV4130	71.667*	Max WS	TR30_D2	3.90	360.75	361.56	361.73	362.14	0.035236	3.37			1.16	2.32	1.52
AV4130	71.111*	Max WS	TR30_D0.5	5.80	360.43	361.37	361.60	362.13	0.036408	3.86	0.53		1.52	2.81	1.61
AV4130	71.111*	Max WS	TR30_D1	5.69	360.43	361.36	361.59	362.11	0.036323	3.83	0.51		1.50	2.79	1.60
AV4130	71.111*	Max WS	TR30_D2	3.90	360.43	361.23	361.41	361.81	0.035746	3.37	0.13		1.16	2.42	1.55
AV4130	70.556*	Max WS	TR30_D0.5	5.80	360.10	361.04	361.27	361.80	0.036612	3.87	0.64		1.53	2.95	1.63

HEC-RAS River: AV4130 Reach: AV4130 Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
AV4130	70.556*	Max WS	TR30_D1	5.69	360.10	361.03	361.26	361.78	0.036440	3.84	0.62		1.51	2.93	1.62
AV4130	70.556*	Max WS	TR30_D2	3.90	360.10	360.91	361.09	361.49	0.035652	3.38	0.32		1.16	2.54	1.56
AV4130	70	Max WS	TR30_D0.5	5.80	359.78	360.71	360.94	361.47	0.036193	3.86	0.74	0.13	1.55	3.10	1.64
AV4130	70	Max WS	TR30_D1	5.69	359.78	360.71	360.93	361.45	0.036148	3.83	0.72	0.10	1.53	3.08	1.64
AV4130	70	Max WS	TR30_D2	3.90	359.78	360.58	360.75	361.16	0.035441	3.37	0.46		1.17	2.68	1.57
AV4130	69.500*	Max WS	TR30_D0.5	5.80	359.47	360.38	360.62	361.16	0.036035	3.92	0.77	0.28	1.54	3.10	1.65
AV4130	69.500*	Max WS	TR30_D1	5.69	359.47	360.37	360.61	361.14	0.036037	3.89	0.76	0.26	1.52	3.08	1.65
AV4130	69.500*	Max WS	TR30_D2	3.90	359.47	360.25	360.43	360.84	0.035942	3.40	0.51		1.16	2.71	1.59
AV4130	69.000*	Max WS	TR30_D0.5	5.80	359.15	360.05	360.30	360.85	0.036043	3.98	0.80	0.40	1.52	3.11	1.66
AV4130	69.000*	Max WS	TR30_D1	5.69	359.15	360.04	360.28	360.83	0.036155	3.96	0.79	0.38	1.50	3.09	1.66
AV4130	69.000*	Max WS	TR30_D2	3.90	359.15	359.92	360.10	360.52	0.036854	3.44	0.56		1.16	2.75	1.62
AV4130	68.500*	Max WS	TR30_D0.5	5.80	358.84	359.72	359.97	360.55	0.036185	4.05	0.84	0.50	1.51	3.11	1.68
AV4130	68.500*	Max WS	TR30_D1	5.69	358.84	359.71	359.96	360.53	0.036224	4.03	0.82	0.49	1.49	3.09	1.68
AV4130	68.500*	Max WS	TR30_D2	3.90	358.84	359.59	359.78	360.21	0.036633	3.48	0.60	0.20	1.15	2.75	1.63
AV4130	68.000*	Max WS	TR30_D0.5	5.80	358.52	359.39	359.65	360.24	0.036160	4.12	0.87	0.59	1.50	3.13	1.70
AV4130	68.000*	Max WS	TR30_D1	5.69	358.52	359.38	359.64	360.22	0.036177	4.09	0.86	0.58	1.48	3.11	1.69
AV4130	68.000*	Max WS	TR30_D2	3.90	358.52	359.26	359.46	359.90	0.036388	3.54	0.63	0.33	1.14	2.76	1.64
AV4130	67.500*	Max WS	TR30_D0.5	5.80	358.20	359.06	359.34	359.94	0.036103	4.20	0.90	0.68	1.50	3.14	1.71
AV4130	67.500*	Max WS	TR30_D1	5.69	358.20	359.05	359.33	359.92	0.036108	4.16	0.89	0.67	1.48	3.12	1.71
AV4130	67.500*	Max WS	TR30_D2	3.90	358.20	358.93	359.13	359.59	0.036139	3.60	0.67	0.44	1.13	2.77	1.65
AV4130	67.000*	Max WS	TR30_D0.5	5.80	357.89	358.73	359.01	359.63	0.035947	4.27	0.94	0.76	1.50	3.16	1.73
AV4130	67.000*	Max WS	TR30_D1	5.69	357.89	358.72	359.00	359.61	0.035939	4.23	0.93	0.75	1.48	3.14	1.72
AV4130	67.000*	Max WS	TR30_D2	3.90	357.89	358.60	358.81	359.28	0.035995	3.66	0.71	0.54	1.12	2.78	1.66
AV4130	66.500*	Max WS	TR30_D0.5	5.80	357.57	358.41	358.69	359.31	0.034263	4.28	0.96	0.83	1.53	3.21	1.71
AV4130	66.500*	Max WS	TR30_D1	5.69	357.57	358.40	358.68	359.29	0.034325	4.25	0.95	0.82	1.51	3.19	1.71
AV4130	66.500*	Max WS	TR30_D2	3.90	357.57	358.27	358.49	358.97	0.035790	3.73	0.74	0.63	1.12	2.80	1.68
AV4130	66.000*	Max WS	TR30_D0.5	5.80	357.26	358.14	358.38	358.90	0.025545	3.98	0.94	0.85	1.72	3.41	1.51
AV4130	66.000*	Max WS	TR30_D1	5.69	357.26	358.13	358.36	358.88	0.025593	3.95	0.93	0.84	1.70	3.39	1.51
AV4130	66.000*	Max WS	TR30_D2	3.90	357.26	357.98	358.16	358.59	0.027477	3.50	0.75	0.68	1.24	2.94	1.50
AV4130	65.500*	Max WS	TR30_D0.5	5.80	356.94	357.96	358.08	358.45	0.012698	3.25	0.76	0.67	2.34	4.54	1.11
AV4130	65.500*	Max WS	TR30_D1	5.69	356.94	357.95	358.06	358.44	0.012623	3.22	0.75	0.67	2.31	4.48	1.11
AV4130	65.500*	Max WS	TR30_D2	3.90	356.94	357.80	357.83	358.16	0.011847	2.74	0.66	0.61	1.72	3.43	1.04
AV4130	65	Max WS	TR30_D0.5	5.80	356.63	357.88		358.10	0.004466	2.31	0.62	0.54	3.96	6.22	0.69
AV4130	65	Max WS	TR30_D1	5.69	356.63	357.87		358.09	0.004417	2.29	0.61	0.53	3.92	6.22	0.69
AV4130	65	Max WS	TR30_D2	3.90	356.63	357.73		357.89	0.003689	1.91	0.46	0.41	3.04	5.89	0.62
AV4130	64.50			Culvert											
AV4130	64	Max WS	TR30_D0.5	5.80	356.59	357.48	357.75	358.24	0.023144	3.98	0.87	0.85	1.83	3.89	1.46
AV4130	64	Max WS	TR30_D1	5.69	356.59	357.48	357.74	358.22	0.023169	3.96	0.87	0.85	1.80	3.80	1.46
AV4130	64	Max WS	TR30_D2	3.90	356.59	357.33	357.50	357.91	0.023446	3.45	0.76	0.76	1.32	3.02	1.41
AV4130	63.99			Lat Struct											
AV4130	63.98			Lat Struct											
AV4130	63.556*	Max WS	TR30_D0.5	5.80	356.37	357.28	357.55	358.03	0.022884	3.96	0.89	0.84	1.83	3.80	1.45
AV4130	63.556*	Max WS	TR30_D1	5.69	356.37	357.27	357.54	358.01	0.022874	3.94	0.89	0.84	1.80	3.73	1.44
AV4130	63.556*	Max WS	TR30_D2	3.90	356.37	357.12	357.29	357.70	0.023260	3.44	0.76	0.74	1.32	3.00	1.41
AV4130	63.111*	Max WS	TR30_D0.5	5.80	356.15	357.08	357.34	357.81	0.022068	3.91	0.89	0.83	1.85	3.78	1.42
AV4130	63.111*	Max WS	TR30_D1	5.69	356.15	357.07	357.34	357.79	0.022053	3.88	0.89	0.83	1.82	3.71	1.42
AV4130	63.111*	Max WS	TR30_D2	3.90	356.15	356.92	357.09	357.49	0.022508	3.40	0.76	0.72	1.33	3.00	1.38
AV4130	62.667*	Max WS	TR30_D0.5	5.80	355.93	356.89	357.14	357.57	0.020069	3.79	0.87	0.80	1.92	3.85	1.35
AV4130	62.667*	Max WS	TR30_D1	5.69	355.93	356.89	357.12	357.56	0.020035	3.76	0.87	0.80	1.89	3.80	1.35
AV4130	62.667*	Max WS	TR30_D2	3.90	355.93	356.73	356.88	357.26	0.020295	3.28	0.75	0.69	1.38	3.03	1.31
AV4130	62.222*	Max WS	TR30_D0.5	5.80	355.71	356.73	356.90	357.32	0.016380	3.54	0.82	0.76	2.10	4.06	1.22
AV4130	62.222*	Max WS	TR30_D1	5.69	355.71	356.72	356.89	357.30	0.016283	3.51	0.82	0.75	2.07	4.01	1.22
AV4130	62.222*	Max WS	TR30_D2	3.90	355.71	356.57	356.67	357.01	0.015649	3.01	0.71	0.64	1.53	3.17	1.16
AV4130	61.778*	Max WS	TR30_D0.5	5.80	355.50	356.61	356.69	357.07	0.011659	3.16	0.76	0.65	2.44	4.62	1.04
AV4130	61.778*	Max WS	TR30_D1	5.69	355.50	356.60	356.68	357.05	0.011519	3.12	0.75	0.65	2.41	4.57	1.03
AV4130	61.778*	Max WS	TR30_D2	3.90	355.50	356.46	356.46	356.78	0.009897	2.60	0.62	0.55	1.85	3.61	0.93
AV4130	61.333*	Max WS	TR30_D0.5	5.79	355.28	356.52	356.48	356.85	0.007280	2.69	0.67	0.55	3.04	5.51	0.83
AV4130	61.333*	Max WS	TR30_D1	5.68	355.28	356.52	356.47	356.84	0.007157	2.66	0.66	0.55	3.01	5.46	0.82
AV4130	61.333*	Max WS	TR30_D2	3.90	355.28	356.39		356.61	0.005458	2.14	0.52	0.44	2.39	4.43	0.71
AV4130	60.889*	Max WS	TR30_D0.5	5.77	355.06	356.47		356.68	0.004169	2.21	0.58	0.53	3.92	6.01	0.64
AV4130	60.889*	Max WS	TR30_D1	5.66	355.06	356.47		356.67	0.004079	2.18	0.57	0.52	3.89	6.00	0.63
AV4130	60.889*	Max WS	TR30_D2	3.90	355.06	356.38		356.51	0.002618	1.67	0.43	0.36	3.39	5.79	0.50
AV4130	60.444*	Max WS	TR30_D0.5	5.94	354.84	356.49		356.62	0.002250	1.79	0.52	0.49	5.20	5.98	0.47
AV4130	60.444*	Max WS	TR30_D1	5.83	354.84	356.48		356.61	0.002196	1.77	0.51	0.49	5.17	5.98	0.47
AV4130	60.444*	Max WS	TR30_D2	4.04	354.84	356.39		356.47	0.001372	1.34	0.37	0.35	4.65	5.98	0.37
AV4130	60	Max WS	TR30_D0.5	5.96	354.62	356.50		356.58	0.001320	1.49	0.45	0.44	6.45	5.95	0.37
AV4130	60	Max WS	TR30_D1	5.89	354.62	356.49		356.58	0.001308	1.48	0.45	0.44	6.41	5.95	0.36
AV4130	60	Max WS	TR30_D2	4.24	354.62	356.39		356.45	0.000865	1.15	0.34	0.33	5.84	5.95	0.29
AV4130	57			Culvert											
AV4130	55	Max WS	TR30_D0.5	5.96	354.40	355.11	355.41	356.12	0.055465	4.67	1.39	0.35	1.59	4.56	2.01
AV4130	55	Max WS	TR30_D1	5.89	354.40	355.11	355.40	356.11	0.055485	4.65	1.37	0.33	1.58	4.52	2.01
AV4130	55	Max WS	TR30_D2	4.24	354.40	355.02	355.27	355.87	0.056165	4.19	1.01		1.20	3.94	1.98
AV4130	54.99			Lat Struct											
AV4130	54.98			Lat Struct											
AV4130	53.750*	Max WS	TR30_D0.5	5.92	353.94	354.68	355.00	355.77	0.056359	4.70	1.03	0.47	1.44	4.19	2.03
AV4130	53.750*	Max WS	TR30_D1	5.85	353.94	354.68	354.99	355.76	0.056403	4.68	1.01	0.46	1.42	4.16	2.03

HEC-RAS River: AV4130 Reach: AV4130 Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
AV4130	53.750*	Max WS	TR30_D2	4.22	353.94	354.59	354.85	355.48	0.058079	4.20	0.52		1.06	3.54	2.00
AV4130	52.500*	Max WS	TR30_D0.5	5.92	353.49	354.25	354.57	355.36	0.058040	4.68	0.53	0.56	1.33	3.73	2.04
AV4130	52.500*	Max WS	TR30_D1	5.85	353.49	354.24	354.56	355.35	0.058250	4.67	0.50	0.54	1.31	3.71	2.04
AV4130	52.500*	Max WS	TR30_D2	4.22	353.49	354.14	354.42	355.03	0.060436	4.17			1.01	2.32	2.02
AV4130	51.250*	Max WS	TR30_D0.5	5.92	353.03	353.81	354.13	354.85	0.054960	4.52		0.61	1.33	2.78	1.97
AV4130	51.250*	Max WS	TR30_D1	5.85	353.03	353.81	354.12	354.84	0.055114	4.50		0.60	1.32	2.76	1.97
AV4130	51.250*	Max WS	TR30_D2	4.22	353.03	353.69	353.97	354.56	0.058364	4.12		0.14	1.02	2.34	1.98
AV4130	50	Max WS	TR30_D0.5	5.92	352.57	353.50	353.68	354.14	0.027807	3.57		0.64	1.70	2.94	1.43
AV4130	50	Max WS	TR30_D1	5.85	352.57	353.49	353.67	354.13	0.027714	3.55		0.63	1.68	2.93	1.42
AV4130	50	Max WS	TR30_D2	4.22	352.57	353.37	353.51	353.88	0.026903	3.17		0.41	1.34	2.64	1.37
AV4130	49.000*	Max WS	TR30_D0.5	5.92	352.31	353.23	353.41	353.89	0.027010	3.59	0.31	0.63	1.70	3.06	1.42
AV4130	49.000*	Max WS	TR30_D1	5.85	352.31	353.23	353.40	353.87	0.026986	3.57	0.30	0.63	1.69	3.05	1.42
AV4130	49.000*	Max WS	TR30_D2	4.22	352.31	353.11	353.25	353.62	0.026552	3.16		0.41	1.35	2.70	1.37
AV4130	48.000*	Max WS	TR30_D0.5	5.92	352.04	352.97	353.16	353.63	0.026134	3.61	0.52	0.63	1.72	3.21	1.41
AV4130	48.000*	Max WS	TR30_D1	5.85	352.04	352.97	353.15	353.62	0.026145	3.60	0.51	0.62	1.70	3.20	1.41
AV4130	48.000*	Max WS	TR30_D2	4.22	352.04	352.85	352.99	353.36	0.026205	3.17	0.21	0.40	1.35	2.91	1.37
AV4130	47.000*	Max WS	TR30_D0.5	5.92	351.78	352.72	352.92	353.39	0.025496	3.64	0.69	0.62	1.76	3.43	1.40
AV4130	47.000*	Max WS	TR30_D1	5.85	351.78	352.72	352.91	353.38	0.025498	3.62	0.68	0.62	1.74	3.42	1.40
AV4130	47.000*	Max WS	TR30_D2	4.22	351.78	352.60	352.75	353.12	0.025437	3.19	0.51	0.38	1.37	3.01	1.36
AV4130	46.000*	Max WS	TR30_D0.5	5.92	351.51	352.48	352.70	353.15	0.025404	3.68	0.85	0.64	1.82	3.78	1.41
AV4130	46.000*	Max WS	TR30_D1	5.85	351.51	352.47	352.68	353.14	0.025405	3.66	0.84	0.63	1.80	3.75	1.41
AV4130	46.000*	Max WS	TR30_D2	4.22	351.51	352.36	352.50	352.88	0.025059	3.22	0.71	0.39	1.40	3.19	1.36
AV4130	45	Max WS	TR30_D0.5	5.92	351.25	352.22	352.45	352.93	0.027971	3.82	1.03	0.64	1.85	4.37	1.48
AV4130	45	Max WS	TR30_D1	5.85	351.25	352.22	352.44	352.92	0.028005	3.80	1.03	0.63	1.83	4.33	1.48
AV4130	45	Max WS	TR30_D2	4.22	351.25	352.11	352.29	352.66	0.027658	3.35	0.91	0.39	1.40	3.45	1.42
AV4130	44.750*	Max WS	TR30_D0.5	5.92	350.98	351.96	352.18	352.61	0.026237	3.67	1.02	0.52	1.94	5.01	1.43
AV4130	44.750*	Max WS	TR30_D1	5.84	350.98	351.96	352.17	352.60	0.026257	3.66	1.01	0.51	1.92	4.95	1.43
AV4130	44.750*	Max WS	TR30_D2	4.22	350.98	351.85	352.02	352.37	0.026236	3.24	0.79	0.26	1.44	3.75	1.39
AV4130	44.500*	Max WS	TR30_D0.5	5.92	350.71	351.72	351.92	352.34	0.025183	3.57	0.84	0.43	1.98	5.61	1.40
AV4130	44.500*	Max WS	TR30_D1	5.84	350.71	351.71	351.92	352.33	0.025217	3.56	0.83	0.42	1.95	5.53	1.40
AV4130	44.500*	Max WS	TR30_D2	4.22	350.71	351.60	351.77	352.11	0.025642	3.18	0.52	0.31	1.43	3.87	1.37
AV4130	44.250*	Max WS	TR30_D0.5	5.92	350.44	351.48	351.69	352.08	0.023900	3.46	0.60	0.36	1.98	6.19	1.35
AV4130	44.250*	Max WS	TR30_D1	5.84	350.44	351.48	351.68	352.07	0.023887	3.45	0.58	0.35	1.95	6.09	1.35
AV4130	44.250*	Max WS	TR30_D2	4.22	350.44	351.36	351.54	351.84	0.024779	3.09	0.30	0.31	1.40	3.41	1.33
AV4130	44.000*	Max WS	TR30_D0.5	5.92	350.18	351.27	351.45	351.79	0.020406	3.24	0.38	0.32	2.06	7.07	1.24
AV4130	44.000*	Max WS	TR30_D1	5.84	350.18	351.26	351.45	351.78	0.020322	3.22	0.38	0.31	2.03	6.85	1.23
AV4130	44.000*	Max WS	TR30_D2	4.22	350.18	351.14	351.27	351.56	0.021155	2.87	0.39	0.34	1.50	3.01	1.22
AV4130	43.750*	Max WS	TR30_D0.5	5.74	349.91	351.11	351.21	351.46	0.012370	2.66	0.30	0.36	2.65	9.59	0.96
AV4130	43.750*	Max WS	TR30_D1	5.52	349.91	351.10	351.19	351.44	0.011906	2.59	0.29	0.33	2.58	9.45	0.94
AV4130	43.750*	Max WS	TR30_D2	4.22	349.91	350.97	350.97	351.28	0.013817	2.46	0.35	0.38	1.77	3.30	0.99
AV4130	43.500*	Max WS	TR30_D0.5	5.55	349.64	351.03	350.94	351.19	0.005283	1.91	0.28	0.43	4.13	11.18	0.63
AV4130	43.500*	Max WS	TR30_D1	5.33	349.64	351.02		351.18	0.004975	1.85	0.26	0.42	4.09	11.18	0.62
AV4130	43.500*	Max WS	TR30_D2	4.22	349.64	350.87	350.72	351.05	0.006814	1.92	0.27	0.23	2.57	8.56	0.70
AV4130	43.250*	Max WS	TR30_D0.5	5.07	349.37	351.02		351.07	0.001611	1.18	0.25	0.36	6.74	12.21	0.35
AV4130	43.250*	Max WS	TR30_D1	4.96	349.37	351.02		351.07	0.001534	1.16	0.25	0.36	6.76	12.21	0.35
AV4130	43.250*	Max WS	TR30_D2	4.22	349.37	350.83		350.91	0.002637	1.34	0.16	0.32	4.44	11.57	0.44
AV4130	43	Max WS	TR30_D0.5	4.26	349.10	351.04	350.24	351.05	0.000442	0.69	0.18	0.25	10.17	13.24	0.19
AV4130	43	Max WS	TR30_D1	4.26	349.10	351.04	350.24	351.05	0.000444	0.69	0.18	0.25	10.15	13.24	0.19
AV4130	43	Max WS	TR30_D2	3.63	349.10	350.85	350.17	350.87	0.000635	0.75	0.15	0.25	7.71	13.24	0.22
AV4130	42.5			Bridge											
AV4130	42	Max WS	TR30_D0.5	5.55	349.56	350.41		350.67	0.008662	2.29	0.31	0.46	2.56	4.00	0.82
AV4130	42	Max WS	TR30_D1	5.37	349.56	350.40		350.65	0.008364	2.24	0.29	0.45	2.53	3.98	0.81
AV4130	42	Max WS	TR30_D2	3.63	349.56	350.21		350.42	0.009776	2.02	0.13	0.29	1.83	3.42	0.83
AV4130	41.99			Lat Struct											
AV4130	41.98			Lat Struct											
AV4130	41.875*	Max WS	TR30_D0.5	6.26	349.46	350.33	350.28	350.65	0.010781	2.52	0.27	0.44	2.57	3.77	0.89
AV4130	41.875*	Max WS	TR30_D1	6.18	349.46	350.32	350.28	350.64	0.010841	2.51	0.27	0.44	2.54	3.75	0.89
AV4130	41.875*	Max WS	TR30_D2	4.15	349.46	350.12	350.09	350.38	0.012702	2.26		0.20	1.84	3.17	0.92
AV4130	41.750*	Max WS	TR30_D0.5	6.38	349.35	350.24	350.18	350.57	0.011419	2.54	0.19	0.36	2.55	3.51	0.89
AV4130	41.750*	Max WS	TR30_D1	6.30	349.35	350.23	350.18	350.56	0.011528	2.53	0.18	0.35	2.52	3.49	0.89
AV4130	41.750*	Max WS	TR30_D2	4.22	349.35	350.02		350.29	0.013609	2.30			1.83	2.99	0.94
AV4130	41.625*	Max WS	TR30_D0.5	6.33	349.25	350.15		350.47	0.011600	2.50	0.04	0.24	2.55	3.24	0.87
AV4130	41.625*	Max WS	TR30_D1	6.26	349.25	350.14		350.46	0.011721	2.49		0.22	2.52	3.21	0.87
AV4130	41.625*	Max WS	TR30_D2	4.22	349.25	349.91	349.88	350.18	0.014115	2.33			1.81	2.97	0.95
AV4130	41.5	Max WS	TR30_D0.5	6.32	349.14	350.06		350.37	0.011565	2.46		0.06	2.57	3.03	0.85
AV4130	41.5	Max WS	TR30_D1	6.24	349.14	350.05		350.36	0.011673	2.46		0.03	2.54	3.01	0.85
AV4130	41.5	Max WS	TR30_D2	4.22	349.14	349.79		350.08	0.015006	2.38			1.77	2.95	0.98
AV4130	41.2			Culvert											
AV4130	41	Max WS	TR30_D0.5	6.27	348.22	349.24	349.21	349.61	0.014322	2.70			2.32	2.81	0.95
AV4130	41	Max WS	TR30_D1	6.18	348.22	349.23	349.19	349.60	0.014164	2.68			2.31	2.80	0.94
AV4130	41	Max WS	TR30_D2	4.22	348.22	349.02	349.00	349.32	0.014194	2.41			1.75	2.61	0.94
AV4130	40.99			Lat Struct											
AV4130	40.98			Lat Struct											
AV4130	40.875*	Max WS	TR30_D0.5	6.18	348.02	349.10		349.46	0.013307	2.65			2.33	2.76	0.92
AV4130	40.875*	Max WS	TR30_D1	6.12	348.02	349.10		349.45	0.013251	2.64			2.32	2.76	0.92
AV4130	40.875*	Max WS	TR30_D2	4.22	348.02	348.89	348.86	349.18	0.013786	2.41			1.75	2.65	0.95

HEC-RAS River: AV4130 Reach: AV4130 Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
AV4130	40.750*	Max WS	TR30_D0.5	6.10	347.83	348.98		349.32	0.012316	2.59			2.36	2.69	0.88
AV4130	40.750*	Max WS	TR30_D1	6.06	347.83	348.97		349.31	0.012339	2.59			2.34	2.68	0.88
AV4130	40.750*	Max WS	TR30_D2	4.22	347.83	348.75		349.04	0.012946	2.38			1.77	2.61	0.92
AV4130	40.625*	Max WS	TR30_D0.5	6.04	347.63	348.86		349.19	0.011659	2.54			2.38	2.60	0.85
AV4130	40.625*	Max WS	TR30_D1	6.00	347.63	348.85		349.18	0.011651	2.53			2.37	2.60	0.85
AV4130	40.625*	Max WS	TR30_D2	4.22	347.63	348.63		348.91	0.012311	2.35			1.80	2.53	0.89
AV4130	40.500*	Max WS	TR30_D0.5	5.94	347.44	348.74		349.06	0.011141	2.48			2.40	2.50	0.81
AV4130	40.500*	Max WS	TR30_D1	5.96	347.44	348.74		349.06	0.011401	2.50			2.38	2.50	0.82
AV4130	40.500*	Max WS	TR30_D2	4.22	347.44	348.51		348.79	0.011986	2.32			1.81	2.45	0.86
AV4130	40.375*	Max WS	TR30_D0.5	5.94	347.24	348.63		348.95	0.011408	2.48			2.39	2.40	0.80
AV4130	40.375*	Max WS	TR30_D1	5.92	347.24	348.63		348.94	0.011598	2.50			2.37	2.40	0.80
AV4130	40.375*	Max WS	TR30_D2	4.22	347.24	348.39		348.67	0.012193	2.33			1.81	2.35	0.85
AV4130	40.250*	Max WS	TR30_D0.5	5.93	347.04	348.52		348.84	0.012335	2.53			2.35	2.30	0.80
AV4130	40.250*	Max WS	TR30_D1	5.90	347.04	348.51		348.84	0.012505	2.54			2.32	2.30	0.81
AV4130	40.250*	Max WS	TR30_D2	4.22	347.04	348.27		348.55	0.012825	2.36			1.79	2.16	0.83
AV4130	40.125*	Max WS	TR30_D0.5	5.93	346.85	348.39		348.74	0.014361	2.64			2.25	2.18	0.83
AV4130	40.125*	Max WS	TR30_D1	5.88	346.85	348.37		348.73	0.014481	2.64			2.23	2.17	0.83
AV4130	40.125*	Max WS	TR30_D2	4.22	346.85	348.14		348.44	0.014206	2.43			1.73	1.96	0.83
AV4130	40	Max WS	TR30_D0.5	5.93	346.65	348.23		348.64	0.018137	2.84			2.09	1.95	0.88
AV4130	40	Max WS	TR30_D1	5.84	346.65	348.21		348.62	0.018082	2.83			2.07	1.94	0.88
AV4130	40	Max WS	TR30_D2	4.22	346.65	347.98		348.32	0.017174	2.58			1.63	1.76	0.86
AV4130	39.167*	Max WS	TR30_D0.5	5.93	346.49	348.07		348.47	0.017146	2.79			2.13	1.99	0.86
AV4130	39.167*	Max WS	TR30_D1	5.84	346.49	348.06		348.45	0.017071	2.78			2.10	1.98	0.86
AV4130	39.167*	Max WS	TR30_D2	4.22	346.49	347.84		348.16	0.015843	2.51			1.68	1.81	0.83
AV4130	38.333*	Max WS	TR30_D0.5	5.93	346.33	347.92		348.30	0.015651	2.70			2.19	2.03	0.83
AV4130	38.333*	Max WS	TR30_D1	5.84	346.33	347.91		348.28	0.015553	2.69			2.17	2.03	0.83
AV4130	38.333*	Max WS	TR30_D2	4.22	346.33	347.70		348.00	0.013863	2.39			1.76	1.87	0.79
AV4130	37.500*	Max WS	TR30_D0.5	5.93	346.17	347.80		348.13	0.013583	2.58			2.30	2.01	0.77
AV4130	37.500*	Max WS	TR30_D1	5.84	346.17	347.79		348.12	0.013466	2.56			2.28	2.01	0.77
AV4130	37.500*	Max WS	TR30_D2	4.22	346.17	347.60		347.85	0.011270	2.22			1.90	1.94	0.71
AV4130	36.667*	Max WS	TR30_D0.5	5.88	346.01	347.69		347.99	0.011152	2.39			2.46	1.96	0.68
AV4130	36.667*	Max WS	TR30_D1	5.80	346.01	347.69		347.97	0.011030	2.38			2.44	1.96	0.68
AV4130	36.667*	Max WS	TR30_D2	4.21	346.01	347.53		347.73	0.008226	1.97			2.13	1.95	0.60
AV4130	35.833*	Max WS	TR30_D0.5	5.92	345.85	347.63		347.88	0.009037	2.21			2.68	1.90	0.60
AV4130	35.833*	Max WS	TR30_D1	5.86	345.85	347.61		347.86	0.009097	2.21			2.65	1.90	0.60
AV4130	35.833*	Max WS	TR30_D2	4.23	345.85	347.49		347.65	0.005973	1.75			2.42	1.90	0.50
AV4130	35	Max WS	TR30_D0.5	4.45	345.69	347.74		347.84	0.003259	1.39		0.08	3.24	2.10	0.34
AV4130	35	Max WS	TR30_D1	4.37	345.69	347.72		347.82	0.003225	1.37		0.08	3.21	2.10	0.33
AV4130	35	Max WS	TR30_D2	3.57	345.69	347.55		347.63	0.002855	1.25			2.86	1.85	0.32
AV4130	33			Culvert											
AV4130	32	Max WS	TR30_D0.5	4.45	344.48	345.20	345.27	345.56	0.019290	2.66			1.67	3.41	1.22
AV4130	32	Max WS	TR30_D1	4.37	344.48	345.19	345.27	345.55	0.019091	2.64			1.65	3.40	1.21
AV4130	32	Max WS	TR30_D2	3.57	344.48	345.12	345.19	345.45	0.019818	2.53			1.41	3.19	1.22
AV4130	31.99			Lat Struct											
AV4130	31.98			Lat Struct											
AV4130	31.333*	Max WS	TR30_D0.5	4.57	344.28	345.00	345.08	345.38	0.019811	2.71			1.69	3.43	1.23
AV4130	31.333*	Max WS	TR30_D1	4.53	344.28	345.00	345.08	345.37	0.019806	2.70			1.68	3.42	1.23
AV4130	31.333*	Max WS	TR30_D2	3.63	344.28	344.92	344.99	345.26	0.020191	2.56			1.42	3.20	1.23
AV4130	30.667*	Max WS	TR30_D0.5	4.63	344.08	344.80	344.89	345.19	0.020141	2.73			1.69	3.43	1.24
AV4130	30.667*	Max WS	TR30_D1	4.58	344.08	344.80	344.88	345.18	0.020107	2.72			1.68	3.42	1.24
AV4130	30.667*	Max WS	TR30_D2	3.64	344.08	344.72	344.79	345.06	0.020376	2.57			1.41	3.20	1.23
AV4130	30	Max WS	TR30_D0.5	4.66	343.88	344.60	344.69	344.99	0.020984	2.78			1.68	3.42	1.27
AV4130	30	Max WS	TR30_D1	4.61	343.88	344.60	344.69	344.99	0.021009	2.77			1.66	3.41	1.27
AV4130	30	Max WS	TR30_D2	3.65	343.88	344.51	344.59	344.86	0.021445	2.62			1.39	3.18	1.26
AV4130	29.375*	Max WS	TR30_D0.5	4.68	343.63	344.41	344.50	344.81	0.020703	2.80			1.67	3.30	1.26
AV4130	29.375*	Max WS	TR30_D1	4.62	343.63	344.40	344.49	344.80	0.020735	2.79			1.66	3.29	1.26
AV4130	29.375*	Max WS	TR30_D2	3.66	343.63	344.32	344.40	344.67	0.021189	2.64			1.38	3.06	1.25
AV4130	28.750*	Max WS	TR30_D0.5	4.68	343.38	344.22	344.30	344.62	0.020212	2.80			1.67	3.19	1.24
AV4130	28.750*	Max WS	TR30_D1	4.63	343.38	344.21	344.30	344.61	0.020252	2.80			1.66	3.17	1.24
AV4130	28.750*	Max WS	TR30_D2	3.66	343.38	344.12	344.20	344.48	0.020770	2.65			1.38	2.95	1.24
AV4130	28.125*	Max WS	TR30_D0.5	4.69	343.13	344.03	344.11	344.42	0.019235	2.77			1.69	3.09	1.20
AV4130	28.125*	Max WS	TR30_D1	4.63	343.13	344.03	344.11	344.42	0.019282	2.77			1.67	3.08	1.20
AV4130	28.125*	Max WS	TR30_D2	3.66	343.13	343.93	344.00	344.28	0.019863	2.63			1.39	2.85	1.20
AV4130	27.500*	Max WS	TR30_D0.5	4.70	342.89	343.86	343.92	344.23	0.017576	2.70			1.74	3.03	1.14
AV4130	27.500*	Max WS	TR30_D1	4.65	342.89	343.85	343.91	344.22	0.017585	2.69			1.73	3.02	1.14
AV4130	27.500*	Max WS	TR30_D2	3.67	342.89	343.76	343.81	344.09	0.017883	2.55			1.44	2.79	1.13
AV4130	26.875*	Max WS	TR30_D0.5	4.76	342.64	343.71	343.73	344.05	0.015293	2.58			1.84	3.00	1.05
AV4130	26.875*	Max WS	TR30_D1	4.70	342.64	343.70	343.72	344.04	0.015284	2.57			1.83	2.99	1.05
AV4130	26.875*	Max WS	TR30_D2	3.69	342.64	343.60	343.61	343.89	0.014778	2.39			1.55	2.78	1.02
AV4130	26.250*	Max WS	TR30_D0.5	4.82	342.39	343.58		343.87	0.012424	2.40			2.01	3.01	0.94
AV4130	26.250*	Max WS	TR30_D1	4.76	342.39	343.57		343.86	0.012348	2.39			1.99	3.00	0.94
AV4130	26.250*	Max WS	TR30_D2	3.72	342.39	343.48		343.72	0.010942	2.14			1.73	2.82	0.87
AV4130	25.625*	Max WS	TR30_D0.5	4.84	342.14	343.48		343.71	0.008697	2.15	0.16	0.16	2.29	4.14	0.79
AV4130	25.625*	Max WS	TR30_D1	4.78	342.14	343.47		343.71	0.008647	2.13	0.15	0.15	2.27	4.06	0.78
AV4130	25.625*	Max WS	TR30_D2	3.73	342.14	343.40		343.57	0.007374	1.85			2.01	2.92	0.71
AV4130	25	Max WS	TR30_D0.5	4.87	341.89	343.41	343.16	343.59	0.005553	1.87	0.20	0.20	2.89	7.86	0.63
AV4130	25	Max WS	TR30_D1	4.80	341.89	343.41	343.16	343.58	0.005497	1.86	0.20	0.20	2.86	7.78	0.63

HEC-RAS River: AV4130 Reach: AV4130 Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
AV4130	25	Max WS	TR30_D2	3.74	341.89	343.34		343.47	0.004333	1.57	0.16	0.16	2.48	4.82	0.55
AV4130	24.000*	Max WS	TR30_D0.5	4.88	341.74	343.38		343.50	0.003450	1.60	0.30	0.30	3.79	7.86	0.51
AV4130	24.000*	Max WS	TR30_D1	4.82	341.74	343.38		343.50	0.003413	1.58	0.30	0.30	3.76	7.86	0.50
AV4130	24.000*	Max WS	TR30_D2	3.75	341.74	343.32		343.41	0.002627	1.34	0.20	0.20	3.31	7.86	0.44
AV4130	23.000*	Max WS	TR30_D0.5	4.88	341.60	343.38		343.46	0.001922	1.31	0.33	0.33	4.98	7.86	0.39
AV4130	23.000*	Max WS	TR30_D1	4.82	341.60	343.38		343.46	0.001897	1.30	0.32	0.32	4.95	7.86	0.38
AV4130	23.000*	Max WS	TR30_D2	3.76	341.60	343.32		343.38	0.001424	1.09	0.25	0.25	4.50	7.86	0.33
AV4130	22	Max WS	TR30_D0.5	4.60	341.45	343.40		343.45	0.000983	1.02	0.29	0.29	6.28	7.86	0.28
AV4130	22	Max WS	TR30_D1	4.54	341.45	343.40		343.44	0.000969	1.01	0.29	0.29	6.24	7.86	0.28
AV4130	22	Max WS	TR30_D2	3.55	341.45	343.34		343.37	0.000719	0.85	0.23	0.23	5.76	7.86	0.24
AV4130	21			Culvert											
AV4130	20	Max WS	TR30_D0.5	4.60	341.12	342.41	342.60	343.11	0.073187	4.28		1.38	1.71	6.32	1.44
AV4130	20	Max WS	TR30_D1	4.54	341.12	342.41	342.60	343.11	0.073799	4.28		1.37	1.68	6.32	1.44
AV4130	20	Max WS	TR30_D2	3.55	341.12	342.32	342.55	343.16	0.082869	4.36		1.08	1.17	5.33	1.54
AV4130	15	Max WS	TR30_D0.5	4.60	340.87	342.31	342.41	342.70	0.023817	3.01	0.91	0.96	2.14	4.68	0.85
AV4130	15	Max WS	TR30_D1	4.54	340.87	342.31	342.40	342.69	0.023704	3.00	0.90	0.94	2.12	4.68	0.84
AV4130	15	Max WS	TR30_D2	3.52	340.87	342.22	342.31	342.57	0.022055	2.75	0.71	0.66	1.69	4.68	0.80
AV4130	14.99			Lat Struct											
AV4130	14.98			Lat Struct											
AV4130	14.167*	Max WS	TR30_D0.5	4.70	340.78	342.09	342.24	342.59	0.025607	3.28	0.85	0.78	1.87	4.53	1.00
AV4130	14.167*	Max WS	TR30_D1	4.66	340.78	342.09	342.23	342.58	0.025542	3.27	0.85	0.77	1.86	4.53	1.00
AV4130	14.167*	Max WS	TR30_D2	3.81	340.78	342.01	342.15	342.45	0.024043	3.02	0.69	0.57	1.52	4.03	0.96
AV4130	13.333*	Max WS	TR30_D0.5	4.43	340.69	341.86	342.02	342.39	0.024950	3.28	0.74	0.57	1.60	3.97	1.09
AV4130	13.333*	Max WS	TR30_D1	4.40	340.69	341.86	342.02	342.38	0.024840	3.27	0.74	0.56	1.59	3.94	1.09
AV4130	13.333*	Max WS	TR30_D2	3.69	340.69	341.80	341.94	342.24	0.022490	2.98	0.60	0.43	1.38	3.33	1.02
AV4130	12.500*	Max WS	TR30_D0.5	4.07	340.60	341.64	341.80	342.14	0.023278	3.15	0.63	0.41	1.41	3.22	1.14
AV4130	12.500*	Max WS	TR30_D1	4.04	340.60	341.64	341.80	342.13	0.023080	3.13	0.63	0.40	1.41	3.21	1.13
AV4130	12.500*	Max WS	TR30_D2	3.53	340.60	341.60	341.70	342.03	0.021250	2.90	0.54	0.30	1.29	2.81	1.07
AV4130	11.667*	Max WS	TR30_D0.5	3.67	340.51	341.44	341.54	341.88	0.020906	2.93	0.52	0.27	1.31	2.74	1.14
AV4130	11.667*	Max WS	TR30_D1	3.66	340.51	341.44	341.54	341.88	0.020839	2.93	0.52	0.27	1.30	2.73	1.14
AV4130	11.667*	Max WS	TR30_D2	3.31	340.51	341.42	341.48	341.80	0.019568	2.76	0.47	0.19	1.23	2.48	1.09
AV4130	10.833*	Max WS	TR30_D0.5	3.06	340.42	341.29	341.28	341.58	0.013893	2.40	0.34	0.19	1.31	2.69	0.97
AV4130	10.833*	Max WS	TR30_D1	3.05	340.42	341.29	341.28	341.58	0.013803	2.39	0.34	0.19	1.31	2.69	0.97
AV4130	10.833*	Max WS	TR30_D2	2.82	340.42	341.27	341.24	341.53	0.013104	2.28	0.32	0.15	1.26	2.53	0.94
AV4130	10	Max WS	TR30_D0.5	2.66	340.32	341.18		341.36	0.008761	1.87		0.22	1.46	3.08	0.76
AV4130	10	Max WS	TR30_D1	2.67	340.32	341.18		341.36	0.008804	1.88		0.22	1.46	3.08	0.76
AV4130	10	Max WS	TR30_D2	2.53	340.32	341.17		341.34	0.008527	1.83		0.19	1.42	2.97	0.75
AV4130	9.6667*	Max WS	TR30_D0.5	2.21	340.32	341.11		341.27	0.009049	1.78		0.09	1.25	2.50	0.77
AV4130	9.6667*	Max WS	TR30_D1	2.21	340.32	341.11		341.27	0.009057	1.78		0.09	1.25	2.50	0.77
AV4130	9.6667*	Max WS	TR30_D2	2.13	340.32	341.10		341.25	0.008981	1.75		0.07	1.22	2.41	0.76
AV4130	9.3333*	Max WS	TR30_D0.5	1.70	340.32	341.04		341.16	0.007999	1.57			1.08	2.23	0.72
AV4130	9.3333*	Max WS	TR30_D1	1.70	340.32	341.04		341.16	0.008007	1.57			1.08	2.23	0.72
AV4130	9.3333*	Max WS	TR30_D2	1.68	340.32	341.02		341.15	0.008463	1.60			1.05	2.21	0.74
AV4130	9.0000*	Max WS	TR30_D0.5	1.35	340.32	340.99		341.08	0.006847	1.40			0.97	2.16	0.67
AV4130	9.0000*	Max WS	TR30_D1	1.35	340.32	340.99		341.08	0.006846	1.40			0.97	2.16	0.67
AV4130	9.0000*	Max WS	TR30_D2	1.32	340.32	340.98		341.08	0.006674	1.38			0.96	2.16	0.66
AV4130	8.6667*	Max WS	TR30_D0.5	1.13	340.32	340.96		341.04	0.005444	1.22			0.92	2.13	0.59
AV4130	8.6667*	Max WS	TR30_D1	1.13	340.32	340.96		341.04	0.005457	1.22			0.92	2.13	0.59
AV4130	8.6667*	Max WS	TR30_D2	1.10	340.32	340.96		341.04	0.005293	1.20			0.92	2.13	0.59
AV4130	8.3333*	Max WS	TR30_D0.5	0.97	340.32	340.95		341.01	0.004581	1.10			0.88	2.11	0.54
AV4130	8.3333*	Max WS	TR30_D1	0.98	340.32	340.95		341.01	0.004597	1.10			0.88	2.11	0.55
AV4130	8.3333*	Max WS	TR30_D2	0.96	340.32	340.94		341.00	0.004468	1.09			0.88	2.10	0.54
AV4130	8	Max WS	TR30_D0.5	0.90	340.32	340.91		340.97	0.004924	1.11			0.81	2.06	0.56
AV4130	8	Max WS	TR30_D1	0.90	340.32	340.91		340.97	0.004932	1.11			0.81	2.06	0.56
AV4130	8	Max WS	TR30_D2	0.89	340.32	340.91		340.97	0.004836	1.10			0.81	2.06	0.56
AV4130	7.8571*	Max WS	TR30_D0.5	0.87	340.28	340.87		340.93	0.004707	1.08			0.81	2.06	0.55
AV4130	7.8571*	Max WS	TR30_D1	0.87	340.28	340.87		340.93	0.004713	1.08			0.81	2.06	0.55
AV4130	7.8571*	Max WS	TR30_D2	0.86	340.28	340.87		340.93	0.004644	1.07			0.80	2.06	0.55
AV4130	7.7143*	Max WS	TR30_D0.5	0.84	340.24	340.83		340.89	0.004539	1.06			0.80	2.06	0.54
AV4130	7.7143*	Max WS	TR30_D1	0.85	340.24	340.83		340.89	0.004533	1.06			0.80	2.06	0.54
AV4130	7.7143*	Max WS	TR30_D2	0.84	340.24	340.83		340.89	0.004478	1.05			0.80	2.06	0.54
AV4130	7.5714*	Max WS	TR30_D0.5	0.83	340.21	340.79		340.84	0.004395	1.04			0.80	2.05	0.53
AV4130	7.5714*	Max WS	TR30_D1	0.82	340.21	340.79		340.84	0.004316	1.03			0.80	2.05	0.53
AV4130	7.5714*	Max WS	TR30_D2	0.82	340.21	340.79		340.84	0.004337	1.03			0.80	2.05	0.53
AV4130	7.4286*	Max WS	TR30_D0.5	0.80	340.17	340.75		340.80	0.004206	1.01			0.79	2.05	0.52
AV4130	7.4286*	Max WS	TR30_D1	0.80	340.17	340.75		340.80	0.004046	1.00			0.80	2.05	0.51
AV4130	7.4286*	Max WS	TR30_D2	0.80	340.17	340.75		340.80	0.004243	1.02			0.79	2.05	0.52
AV4130	7.2857*	Max WS	TR30_D0.5	0.78	340.13	340.72		340.77	0.003881	0.98			0.80	2.06	0.50
AV4130	7.2857*	Max WS	TR30_D1	0.77	340.13	340.72		340.77	0.003520	0.94			0.82	2.07	0.48
AV4130	7.2857*	Max WS	TR30_D2	0.79	340.13	340.71		340.76	0.004021	0.99			0.79	2.05	0.51
AV4130	7.1429*	Max WS	TR30_D0.5	0.75	340.09	340.69		340.73	0.003247	0.90			0.82	2.07	0.46
AV4130	7.1429*	Max WS	TR30_D1	0.71	340.09	340.71		340.74	0.002655	0.83			0.86	2.09	0.41
AV4130	7.1429*	Max WS	TR30_D2	0.76	340.09	340.68		340.73	0.003590	0.94			0.81	2.06	0.48
AV4130	7.0000*	Max WS	TR30_D0.5	0.68	340.06	340.68		340.71	0.002296	0.78			0.88	2.10	0.39
AV4130	7.0000*	Max WS	TR30_D1	0.66	340.06	340.70		340.72	0.001916	0.72			0.92	2.13	0.35
AV4130	7.0000*	Max WS	TR30_D2	0.70	340.06	340.67		340.70	0.002613	0.82			0.86	2.09	0.41
AV4130	6.8571*	Max WS	TR30_D0.5	0.65	340.02	340.67		340.69	0.001750	0.70			0.93	2.14	0.34

HEC-RAS River: AV4130 Reach: AV4130 Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
AV4130	6.8571*	Max WS	TR30_D1	0.64	340.02	340.69		340.71	0.001512	0.66			0.98	2.16	0.31
AV4130	6.8571*	Max WS	TR30_D2	0.65	340.02	340.66		340.68	0.001839	0.71			0.92	2.13	0.34
AV4130	6.7143*	Max WS	TR30_D0.5	0.64	339.98	340.66		340.68	0.001446	0.65			0.99	2.17	0.31
AV4130	6.7143*	Max WS	TR30_D1	0.64	339.98	340.67		340.69	0.001299	0.62			1.03	2.20	0.29
AV4130	6.7143*	Max WS	TR30_D2	0.62	339.98	340.65		340.67	0.001410	0.64			0.98	2.17	0.30
AV4130	6.5714*	Max WS	TR30_D0.5	0.57	339.94	340.65		340.67	0.000930	0.53			1.07	2.22	0.25
AV4130	6.5714*	Max WS	TR30_D1	0.58	339.94	340.67		340.69	0.000871	0.52			1.11	2.24	0.24
AV4130	6.5714*	Max WS	TR30_D2	0.56	339.94	340.65		340.66	0.000902	0.52			1.06	2.21	0.24
AV4130	6.4286*	Max WS	TR30_D0.5	0.73	339.90	340.62		340.65	0.001437	0.67			1.09	2.23	0.31
AV4130	6.4286*	Max WS	TR30_D1	0.75	339.90	340.65		340.67	0.001363	0.66			1.13	2.26	0.30
AV4130	6.4286*	Max WS	TR30_D2	0.67	339.90	340.63		340.65	0.001212	0.61			1.09	2.23	0.28
AV4130	6.2857*	Max WS	TR30_D0.5	0.82	339.87	340.60		340.63	0.001716	0.74			1.11	2.24	0.33
AV4130	6.2857*	Max WS	TR30_D1	0.85	339.87	340.62		340.65	0.001669	0.74			1.16	2.27	0.33
AV4130	6.2857*	Max WS	TR30_D2	0.51	339.87	340.62		340.63	0.000596	0.44			1.16	2.27	0.20
AV4130	6.1429*	Max WS	TR30_D0.5	0.80	339.83	340.59		340.61	0.001397	0.68			1.18	2.28	0.30
AV4130	6.1429*	Max WS	TR30_D1	0.84	339.83	340.61		340.63	0.001379	0.69		0.03	1.22	2.43	0.30
AV4130	6.1429*	Max WS	TR30_D2	0.48	339.83	340.62		340.62	0.000429	0.39		0.02	1.24	2.49	0.17
AV4130	6	Max WS	TR30_D0.5	0.76	339.79	340.58		340.60	0.001070	0.61		0.03	1.25	2.52	0.26
AV4130	6	Max WS	TR30_D1	0.81	339.79	340.60		340.62	0.001082	0.63		0.05	1.30	2.67	0.27
AV4130	6	Max WS	TR30_D2	0.44	339.79	340.61		340.62	0.000298	0.33		0.03	1.34	2.77	0.14
AV4130	5.8571*	Max WS	TR30_D0.5	0.75	339.75	340.58		340.59	0.000878	0.57		0.05	1.33	2.74	0.24
AV4130	5.8571*	Max WS	TR30_D1	0.80	339.75	340.59		340.61	0.000903	0.59		0.06	1.38	2.89	0.24
AV4130	5.8571*	Max WS	TR30_D2	0.42	339.75	340.61		340.62	0.000223	0.30		0.03	1.44	3.04	0.12
AV4130	5.7143*	Max WS	TR30_D0.5	0.74	339.72	340.57		340.58	0.000735	0.54		0.06	1.41	2.97	0.22
AV4130	5.7143*	Max WS	TR30_D1	0.80	339.72	340.59		340.60	0.000772	0.56		0.07	1.47	3.10	0.23
AV4130	5.7143*	Max WS	TR30_D2	0.42	339.72	340.61		340.62	0.000185	0.28		0.04	1.55	3.30	0.11
AV4130	5.5714*	Max WS	TR30_D0.5	0.74	339.68	340.56		340.58	0.000625	0.51		0.06	1.51	3.20	0.20
AV4130	5.5714*	Max WS	TR30_D1	0.80	339.68	340.58		340.60	0.000664	0.53		0.07	1.57	3.34	0.21
AV4130	5.5714*	Max WS	TR30_D2	0.41	339.68	340.61		340.61	0.000151	0.26		0.04	1.67	3.56	0.10
AV4130	5.4286*	Max WS	TR30_D0.5	0.74	339.65	340.56		340.57	0.000533	0.48		0.07	1.61	3.44	0.19
AV4130	5.4286*	Max WS	TR30_D1	0.80	339.65	340.58		340.59	0.000574	0.51		0.08	1.68	3.57	0.19
AV4130	5.4286*	Max WS	TR30_D2	0.41	339.65	340.61		340.61	0.000132	0.25		0.04	1.80	3.80	0.09
AV4130	5.2857*	Max WS	TR30_D0.5	0.75	339.61	340.56		340.57	0.000465	0.46		0.07	1.73	3.68	0.18
AV4130	5.2857*	Max WS	TR30_D1	0.82	339.61	340.57		340.58	0.000516	0.49		0.08	1.79	3.80	0.18
AV4130	5.2857*	Max WS	TR30_D2	0.42	339.61	340.61		340.61	0.000119	0.24		0.05	1.93	3.80	0.09
AV4130	5.1429*	Max WS	TR30_D0.5	0.75	339.58	340.55		340.56	0.000409	0.44		0.08	1.85	3.80	0.16
AV4130	5.1429*	Max WS	TR30_D1	0.82	339.58	340.57		340.58	0.000457	0.47		0.09	1.91	3.80	0.17
AV4130	5.1429*	Max WS	TR30_D2	0.41	339.58	340.61		340.61	0.000097	0.22		0.05	2.06	3.80	0.08
AV4130	5.0000*	Max WS	TR30_D0.5	0.80	339.54	340.55		340.56	0.000405	0.45		0.09	1.96	3.80	0.16
AV4130	5.0000*	Max WS	TR30_D1	0.88	339.54	340.56		340.57	0.000463	0.48		0.10	2.02	3.80	0.18
AV4130	5.0000*	Max WS	TR30_D2	0.40	339.54	340.61		340.61	0.000078	0.20		0.05	2.20	3.80	0.07
AV4130	4.8571*	Max WS	TR30_D0.5	0.85	339.50	340.54		340.55	0.000400	0.45		0.10	2.08	3.80	0.16
AV4130	4.8571*	Max WS	TR30_D1	0.92	339.50	340.56		340.57	0.000435	0.48		0.11	2.14	3.80	0.17
AV4130	4.8571*	Max WS	TR30_D2	0.40	339.50	340.61		340.61	0.000067	0.19		0.05	2.33	3.80	0.07
AV4130	4.7143*	Max WS	TR30_D0.5	0.93	339.47	340.53		340.55	0.000430	0.48		0.11	2.19	3.80	0.17
AV4130	4.7143*	Max WS	TR30_D1	1.02	339.47	340.55		340.56	0.000489	0.52		0.13	2.24	3.80	0.18
AV4130	4.7143*	Max WS	TR30_D2	0.39	339.47	340.61		340.61	0.000056	0.18		0.05	2.46	3.80	0.06
AV4130	4.5714*	Max WS	TR30_D0.5	0.26	339.43	340.55		340.55	0.000027	0.12		0.03	2.38	3.80	0.04
AV4130	4.5714*	Max WS	TR30_D1	0.31	339.43	340.57		340.57	0.000035	0.14		0.04	2.44	3.80	0.05
AV4130	4.5714*	Max WS	TR30_D2	0.37	339.43	340.61		340.61	0.000044	0.16		0.05	2.60	3.80	0.05
AV4130	4.4286*	Max WS	TR30_D0.5	0.58	339.40	340.49		340.50	0.000145	0.28		0.07	2.31	3.80	0.10
AV4130	4.4286*	Max WS	TR30_D1	1.84	339.40	340.45		340.49	0.001753	0.96		0.22	2.14	3.80	0.34
AV4130	4.4286*	Max WS	TR30_D2	0.52	339.40	340.60		340.61	0.000078	0.22		0.07	2.73	3.80	0.07
AV4130	4.2857*	Max WS	TR30_D0.5	0.57	339.36	340.49		340.50	0.000124	0.27		0.07	2.44	3.80	0.09
AV4130	4.2857*	Max WS	TR30_D1	1.77	339.36	340.44		340.48	0.001474	0.89		0.22	2.22	3.80	0.31
AV4130	4.2857*	Max WS	TR30_D2	0.51	339.36	340.60		340.61	0.000068	0.21		0.06	2.86	3.80	0.07
AV4130	4.27			Lat Struct											
AV4130	4.1429*	Max WS	TR30_D0.5	0.54	339.33	340.49		340.50	0.000098	0.24		0.07	2.57	3.80	0.08
AV4130	4.1429*	Max WS	TR30_D1	1.65	339.33	340.43		340.47	0.001135	0.80		0.21	2.35	3.80	0.27
AV4130	4.1429*	Max WS	TR30_D2	0.49	339.33	340.60		340.61	0.000055	0.19		0.06	3.00	3.80	0.06
AV4130	4	Max WS	TR30_D0.5	0.51	339.29	340.49		340.50	0.000078	0.22		0.06	2.71	3.80	0.07
AV4130	4	Max WS	TR30_D1	1.53	339.29	340.43		340.46	0.000854	0.71		0.19	2.48	3.80	0.24
AV4130	4	Max WS	TR30_D2	0.48	339.29	340.60		340.61	0.000047	0.18		0.06	3.13	3.80	0.06
AV4130	3.8571*	Max WS	TR30_D0.5	0.49	339.28	340.49		340.50	0.000067	0.21		0.06	2.76	3.80	0.07
AV4130	3.8571*	Max WS	TR30_D1	1.43	339.28	340.43		340.45	0.000707	0.65		0.18	2.53	3.80	0.22
AV4130	3.8571*	Max WS	TR30_D2	0.47	339.28	340.60		340.61	0.000044	0.17		0.06	3.18	3.80	0.05
AV4130	3.7143*	Max WS	TR30_D0.5	0.49	339.26	340.49		340.49	0.000063	0.20		0.06	2.81	3.80	0.06
AV4130	3.7143*	Max WS	TR30_D1	1.34	339.26	340.43		340.45	0.000598	0.60		0.17	2.58	3.80	0.20
AV4130	3.7143*	Max WS	TR30_D2	0.47	339.26	340.60		340.61	0.000042	0.17		0.06	3.23	3.80	0.05
AV4130	3.5714*	Max WS	TR30_D0.5	0.48	339.25	340.49		340.49	0.000059	0.19		0.06	2.86	3.80	0.06
AV4130	3.5714*	Max WS	TR30_D1	1.26	339.25	340.43		340.44	0.000506	0.55		0.16	2.62	3.80	0.18
AV4130	3.5714*	Max WS	TR30_D2	0.47	339.25	340.60		340.60	0.000040	0.17		0.06	3.28	3.80	0.05
AV4130	3.4286*	Max WS	TR30_D0.5	0.48	339.24	340.49		340.49	0.000057	0.19		0.06	2.91	3.80	0.06
AV4130	3.4286*	Max WS	TR30_D1	1.25	339.24	340.43		340.44	0.000484	0.54		0.16	2.66	3.80	0.18
AV4130	3.4286*	Max WS	TR30_D2	0.47	339.24	340.60		340.60	0.000038	0.17		0.06	3.33	3.80	0.05
AV4130	3.2857*	Max WS	TR30_D0.5	0.48	339.22	340.49		340.49	0.000055	0.19		0.06	2.96	3.80	0.06
AV4130	3.2857*	Max WS	TR30_D1	1.26	339.22	340.42		340.43	0.000474	0.54		0.16	2.69	3.80	0.18
AV4130	3.2857*	Max WS	TR30_D2	0.47	339.22	340.60		340.60	0.000037	0.16		0.06	3.38	3.80	0.05

HEC-RAS River: AV4130 Reach: AV4130 Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
AV4130	3.1429*	Max WS	TR30_D0.5	0.49	339.21	340.49		340.49	0.000054	0.19		0.06	3.01	3.80	0.06
AV4130	3.1429*	Max WS	TR30_D1	1.32	339.21	340.41		340.43	0.000509	0.56		0.17	2.71	3.80	0.18
AV4130	3.1429*	Max WS	TR30_D2	0.47	339.21	340.60		340.60	0.000035	0.16		0.05	3.43	3.80	0.05
AV4130	3.0000*	Max WS	TR30_D0.5	0.50	339.19	340.49		340.49	0.000054	0.19		0.06	3.06	3.80	0.06
AV4130	3.0000*	Max WS	TR30_D1	1.47	339.19	340.40		340.42	0.000621	0.62		0.18	2.72	3.80	0.20
AV4130	3.0000*	Max WS	TR30_D2	0.48	339.19	340.60		340.60	0.000035	0.16		0.06	3.48	3.80	0.05
AV4130	2.8571*	Max WS	TR30_D0.5	0.53	339.18	340.49		340.49	0.000058	0.20		0.06	3.11	3.80	0.06
AV4130	2.8571*	Max WS	TR30_D1	1.71	339.18	340.38		340.41	0.000865	0.73		0.22	2.70	3.80	0.24
AV4130	2.8571*	Max WS	TR30_D2	0.48	339.18	340.60		340.60	0.000035	0.16		0.06	3.54	3.80	0.05
AV4130	2.7143*	Max WS	TR30_D0.5	0.58	339.17	340.49		340.49	0.000066	0.21		0.07	3.15	3.80	0.07
AV4130	2.7143*	Max WS	TR30_D1	2.05	339.17	340.35		340.39	0.001320	0.90		0.26	2.63	3.80	0.30
AV4130	2.7143*	Max WS	TR30_D2	0.49	339.17	340.60		340.60	0.000035	0.16		0.06	3.58	3.80	0.05
AV4130	2.5714*	Max WS	TR30_D0.5	0.63	339.15	340.49		340.49	0.000077	0.23		0.08	3.20	3.80	0.07
AV4130	2.5714*	Max WS	TR30_D1	2.39	339.15	340.31		340.36	0.002003	1.09		0.30	2.52	3.80	0.36
AV4130	2.5714*	Max WS	TR30_D2	0.52	339.15	340.60		340.60	0.000038	0.17		0.06	3.64	3.80	0.05
AV4130	2.4286*	Max WS	TR30_D0.5	0.71	339.14	340.48		340.49	0.000093	0.26		0.08	3.24	3.80	0.08
AV4130	2.4286*	Max WS	TR30_D1	2.65	339.14	340.25		340.33	0.002849	1.27		0.33	2.37	3.80	0.43
AV4130	2.4286*	Max WS	TR30_D2	0.55	339.14	340.60		340.60	0.000042	0.18		0.06	3.68	3.80	0.05
AV4130	2.2857*	Max WS	TR30_D0.5	0.78	339.13	340.48		340.49	0.000111	0.28		0.09	3.29	3.80	0.09
AV4130	2.2857*	Max WS	TR30_D1	2.71	339.13	340.21		340.30	0.003333	1.35		0.34	2.26	3.80	0.47
AV4130	2.2857*	Max WS	TR30_D2	0.60	339.13	340.60		340.60	0.000047	0.19		0.07	3.73	3.80	0.06
AV4130	2.1429*	Max WS	TR30_D0.5	0.86	339.11	340.48		340.48	0.000130	0.31		0.10	3.33	3.80	0.09
AV4130	2.1429*	Max WS	TR30_D1	2.73	339.11	340.17		340.27	0.003818	1.42		0.33	2.15	3.80	0.50
AV4130	2.1429*	Max WS	TR30_D2	0.67	339.11	340.60		340.60	0.000058	0.21		0.08	3.78	3.80	0.06
AV4130	2	Max WS	TR30_D0.5	0.92	339.10	340.48		340.48	0.000145	0.32		0.11	3.37	3.80	0.10
AV4130	2	Max WS	TR30_D1	2.73	339.10	340.12		340.23	0.004412	1.49		0.32	2.02	3.80	0.54
AV4130	2	Max WS	TR30_D2	0.75	339.10	340.60		340.60	0.000070	0.24		0.08	3.82	3.80	0.07
AV4130	1.8571*	Max WS	TR30_D0.5	0.97	339.06	340.48		340.48	0.000142	0.33		0.11	3.53	3.80	0.10
AV4130	1.8571*	Max WS	TR30_D1	2.73	339.06	340.08		340.19	0.004454	1.50		0.32	2.01	3.80	0.54
AV4130	1.8571*	Max WS	TR30_D2	0.83	339.06	340.60		340.60	0.000077	0.25		0.09	3.98	3.80	0.07
AV4130	1.7143*	Max WS	TR30_D0.5	1.00	339.02	340.47		340.48	0.000135	0.32		0.11	3.68	3.80	0.09
AV4130	1.7143*	Max WS	TR30_D1	2.73	339.02	340.03		340.14	0.004515	1.51		0.31	2.00	3.80	0.55
AV4130	1.7143*	Max WS	TR30_D2	0.91	339.02	340.59		340.60	0.000083	0.26		0.10	4.13	3.80	0.07
AV4130	1.5714*	Max WS	TR30_D0.5	1.01	338.97	340.47		340.48	0.000123	0.31		0.11	3.84	3.80	0.09
AV4130	1.5714*	Max WS	TR30_D1	2.73	338.97	339.99		340.10	0.004588	1.51		0.31	1.98	3.80	0.55
AV4130	1.5714*	Max WS	TR30_D2	0.96	338.97	340.59		340.60	0.000085	0.27		0.10	4.29	3.80	0.07
AV4130	1.4286*	Max WS	TR30_D0.5	1.01	338.93	340.47		340.48	0.000111	0.30		0.11	4.00	3.80	0.08
AV4130	1.4286*	Max WS	TR30_D1	2.73	338.93	339.94		340.06	0.004655	1.52		0.31	1.97	3.80	0.56
AV4130	1.4286*	Max WS	TR30_D2	1.00	338.93	340.59		340.59	0.000083	0.27		0.10	4.45	3.80	0.07
AV4130	1.2857*	Max WS	TR30_D0.5	1.01	338.89	340.47		340.48	0.000101	0.29		0.11	4.15	3.80	0.08
AV4130	1.2857*	Max WS	TR30_D1	2.73	338.89	339.89		340.01	0.004777	1.54		0.31	1.95	3.80	0.56
AV4130	1.2857*	Max WS	TR30_D2	1.02	338.89	340.59		340.59	0.000080	0.27		0.10	4.60	3.80	0.07
AV4130	1.1429*	Max WS	TR30_D0.5	1.01	338.85	340.47		340.47	0.000092	0.28		0.10	4.31	3.80	0.08
AV4130	1.1429*	Max WS	TR30_D1	2.73	338.85	339.84		339.96	0.004930	1.55		0.30	1.92	3.80	0.57
AV4130	1.1429*	Max WS	TR30_D2	1.04	338.85	340.59		340.59	0.000075	0.26		0.10	4.76	3.80	0.07
AV4130	1.0000*	Max WS	TR30_D0.5	1.01	338.81	340.47		340.47	0.000084	0.27		0.10	4.47	3.80	0.07
AV4130	1.0000*	Max WS	TR30_D1	2.73	338.81	339.79		339.92	0.005150	1.58		0.30	1.88	3.80	0.58
AV4130	1.0000*	Max WS	TR30_D2	1.04	338.81	340.59		340.59	0.000070	0.26		0.10	4.92	3.80	0.07
AV4130	0.8571*	Max WS	TR30_D0.5	1.01	338.76	340.47		340.47	0.000077	0.26		0.10	4.62	3.80	0.07
AV4130	0.8571*	Max WS	TR30_D1	2.73	338.76	339.74		339.87	0.005447	1.61		0.29	1.84	3.80	0.60
AV4130	0.8571*	Max WS	TR30_D2	1.04	338.76	340.59		340.59	0.000064	0.25		0.10	5.07	3.80	0.06
AV4130	0.7143*	Max WS	TR30_D0.5	1.01	338.72	340.47		340.47	0.000070	0.26		0.10	4.78	3.80	0.07
AV4130	0.7143*	Max WS	TR30_D1	2.73	338.72	339.68		339.82	0.005859	1.65		0.27	1.78	3.78	0.62
AV4130	0.7143*	Max WS	TR30_D2	1.04	338.72	340.59		340.59	0.000060	0.24		0.09	5.23	3.80	0.06
AV4130	0.5714*	Max WS	TR30_D0.5	1.01	338.68	340.47		340.47	0.000065	0.25		0.10	4.94	3.80	0.06
AV4130	0.5714*	Max WS	TR30_D1	2.73	338.68	339.62		339.76	0.006424	1.70		0.26	1.70	3.63	0.65
AV4130	0.5714*	Max WS	TR30_D2	1.04	338.68	340.59		340.59	0.000055	0.24		0.09	5.39	3.80	0.06
AV4130	0.4286*	Max WS	TR30_D0.5	1.01	338.64	340.47		340.47	0.000060	0.24		0.09	5.10	3.80	0.06
AV4130	0.4286*	Max WS	TR30_D1	2.73	338.64	339.55		339.71	0.007197	1.77		0.25	1.62	3.45	0.69
AV4130	0.4286*	Max WS	TR30_D2	1.04	338.64	340.59		340.59	0.000051	0.23		0.09	5.55	3.80	0.06
AV4130	0.2857*	Max WS	TR30_D0.5	1.01	338.59	340.47		340.47	0.000055	0.23		0.09	5.26	3.80	0.06
AV4130	0.2857*	Max WS	TR30_D1	2.73	338.59	339.47		339.65	0.008563	1.87		0.23	1.50	3.18	0.75
AV4130	0.2857*	Max WS	TR30_D2	1.04	338.59	340.59		340.59	0.000048	0.22		0.09	5.71	3.80	0.05
AV4130	0.1429*	Max WS	TR30_D0.5	1.01	338.55	340.47		340.47	0.000051	0.23		0.09	5.42	3.80	0.06
AV4130	0.1429*	Max WS	TR30_D1	2.73	338.55	339.37	339.32	339.59	0.011492	2.07		0.18	1.33	2.75	0.87
AV4130	0.1429*	Max WS	TR30_D2	1.04	338.55	340.59		340.59	0.000044	0.22		0.09	5.87	3.80	0.05
AV4130	0	Max WS	TR30_D0.5	0.50	338.51	338.83	338.83	338.95	0.017598	1.51			0.33	1.45	1.01
AV4130	0	Max WS	TR30_D1	2.73	338.51	339.12	339.28	339.65	0.040024	3.21			0.85	2.09	1.61
AV4130	0	Max WS	TR30_D2	2.78	338.51	339.48	339.29	339.62	0.005769	1.65		0.29	1.82	3.80	0.62

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "FOSSO DEL BUIO"

AV6107

MODELLAZIONE PER TR=30 e 200 ANNI

DURATA DI PIOGGIA: 0.5, 1 e 2h

Profilo longitudinale

Sezioni Trasversali

Dati idraulici

ALLEGATI

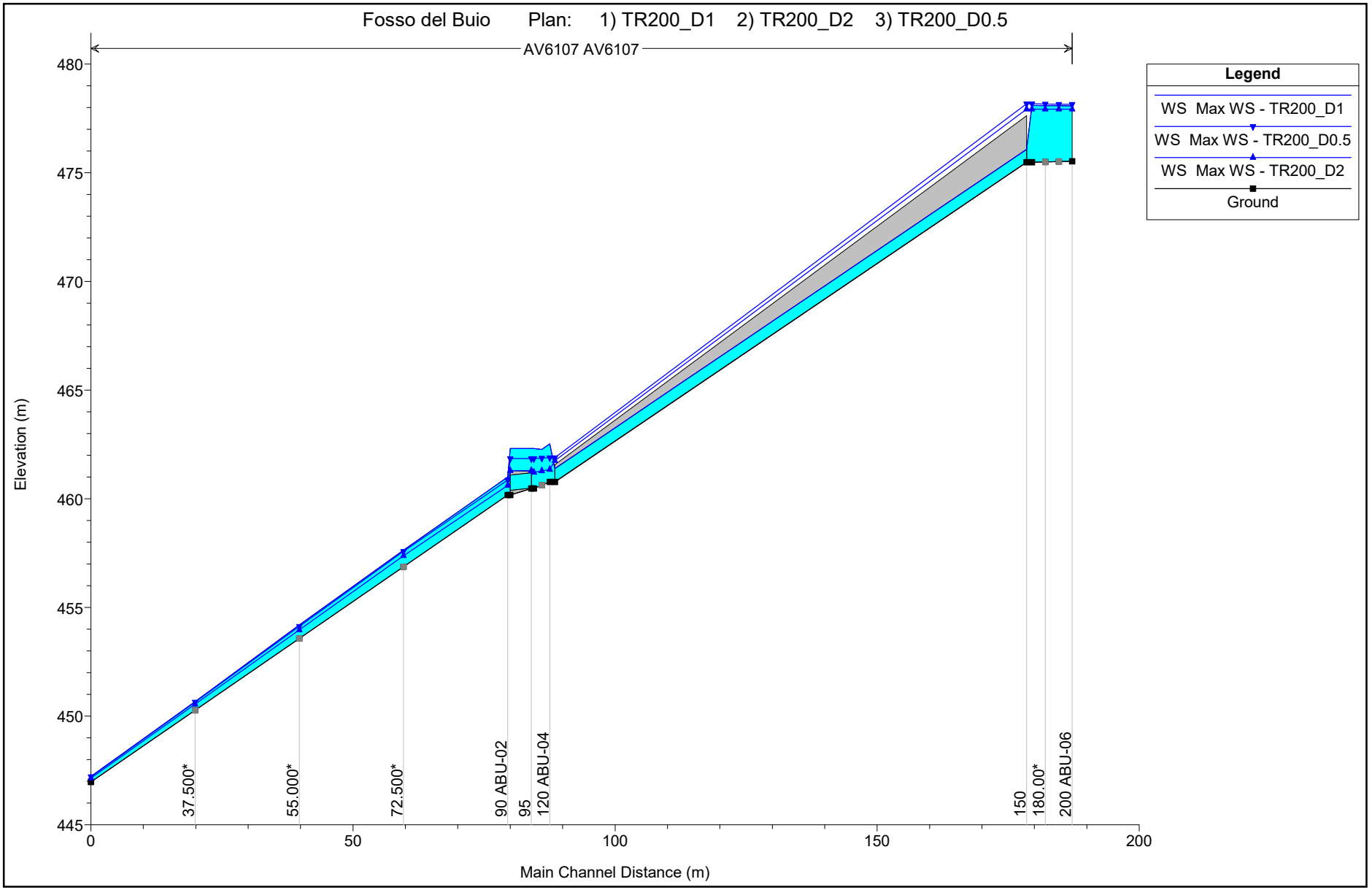
MODELLAZIONE HEC-RAS 5.0.7 "FOSSO DEL BUIO"

AV6107

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 0.5, 1 e 2h

Profilo longitudinale


Fosso del Buio Plan: 1) TR200_D1 2) TR200_D2 3) TR200_D0.5
AV6107 AV6107
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Elevation (m)
480
475
470
465
460
455
450
445
0
50
100
150
200
Main Channel Distance (m)
37.500*
55.000*
72.500*
90 ABU-02
95
120 ABU-04
150
180.00*
200 ABU-06

ALLEGATI

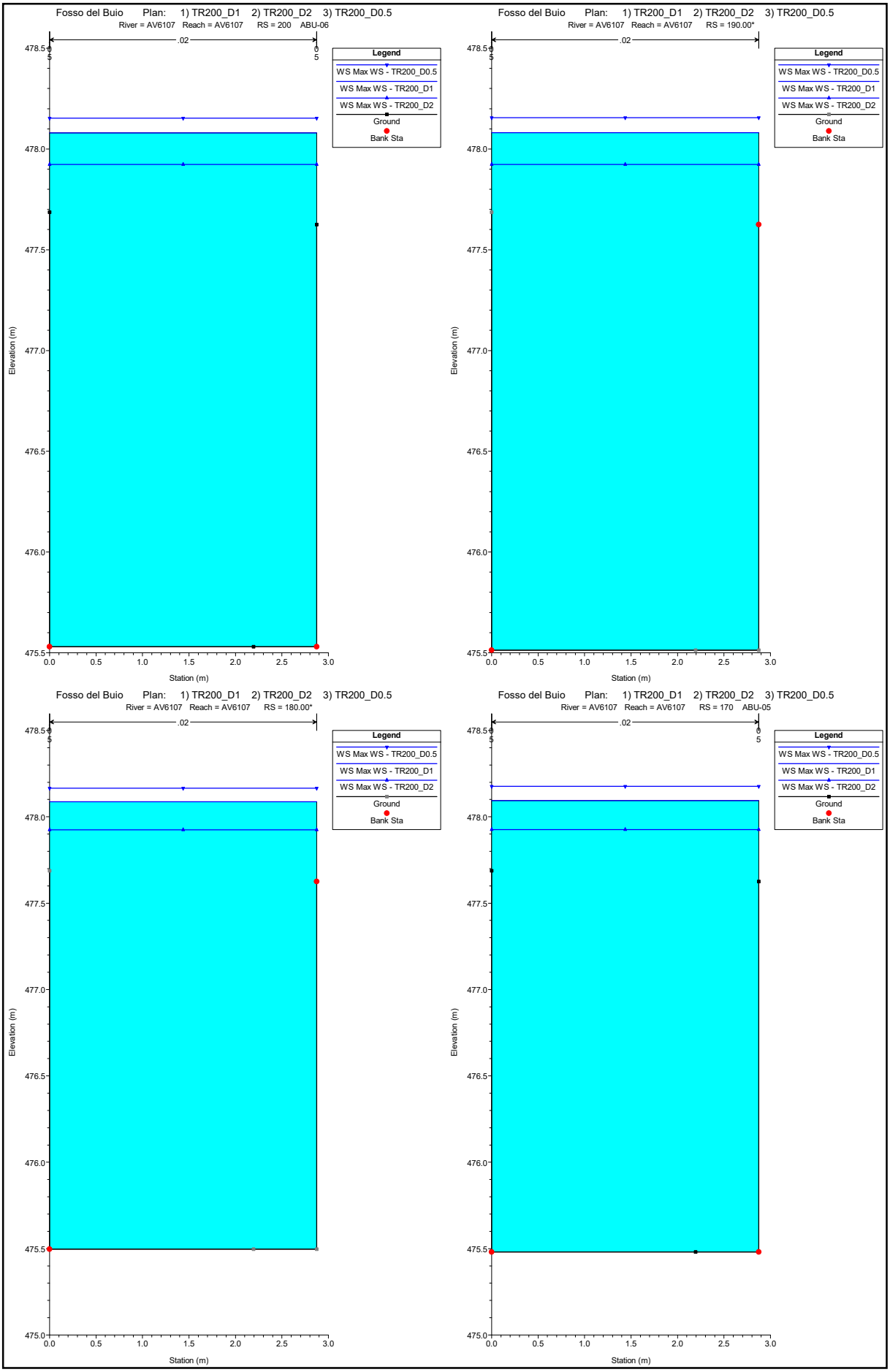
MODELLAZIONE HEC-RAS 5.0.7 "FOSSO DEL BUIO"

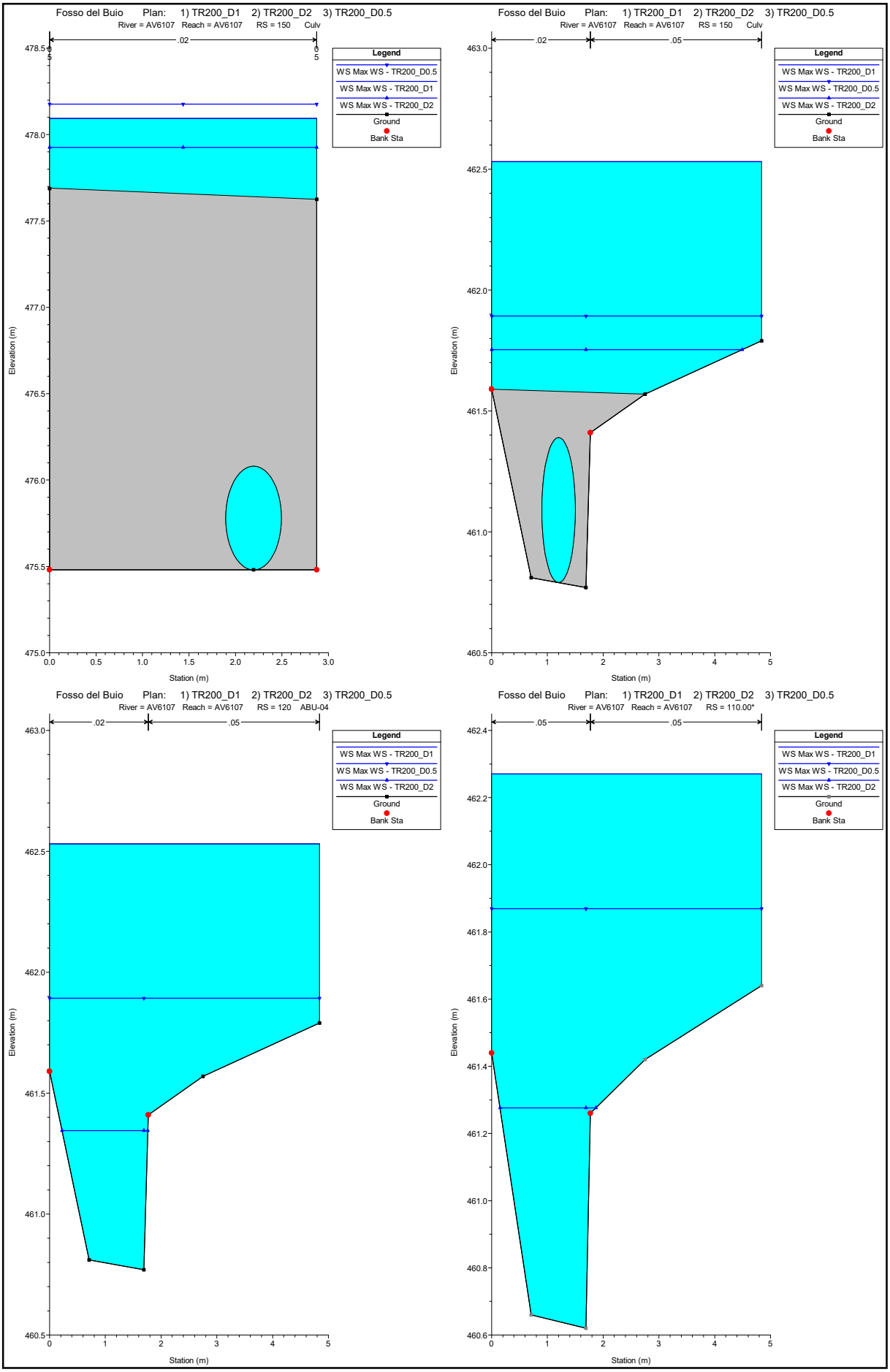
AV6107

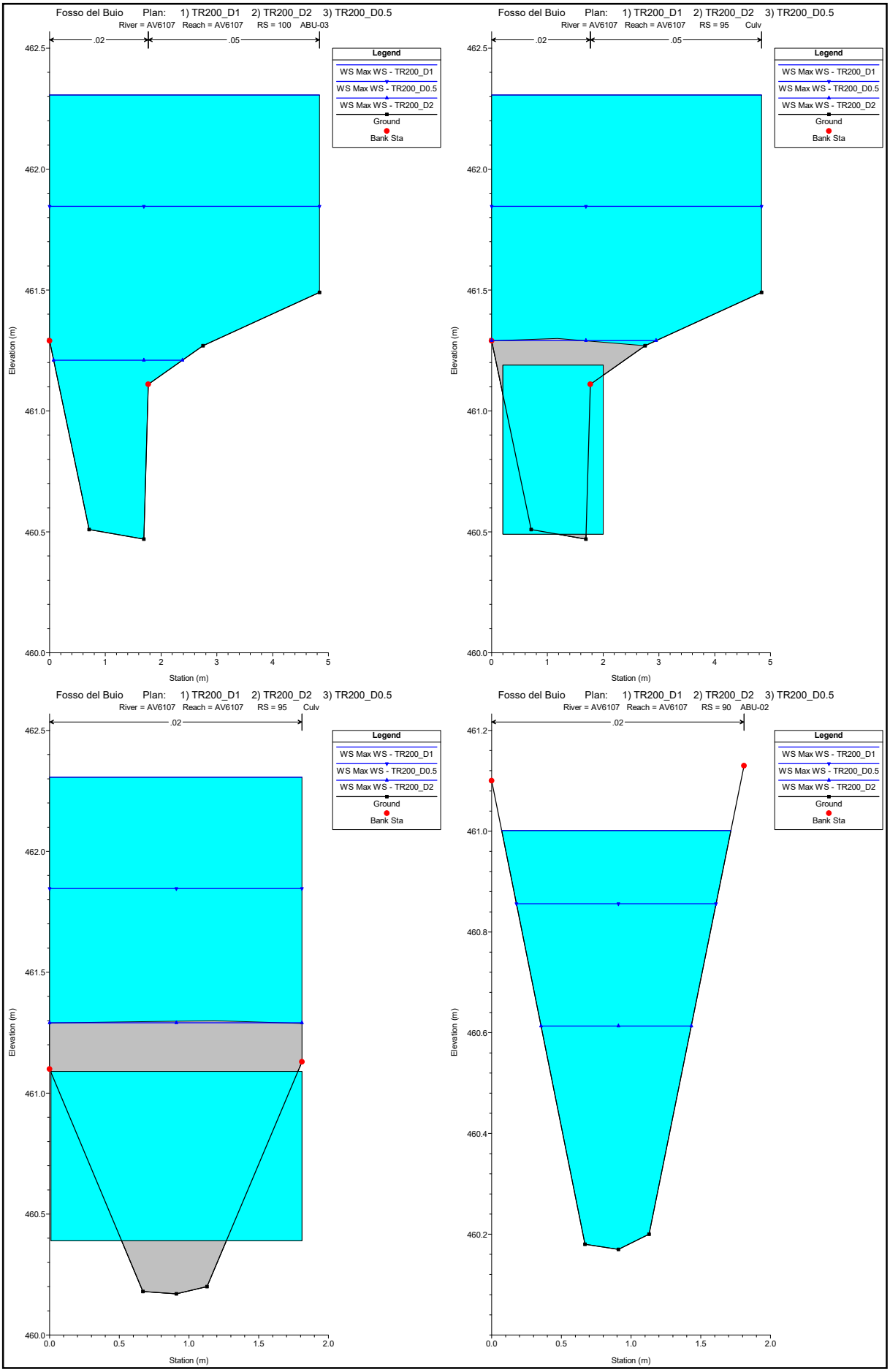
MODELLAZIONE PER TR= 200 anni

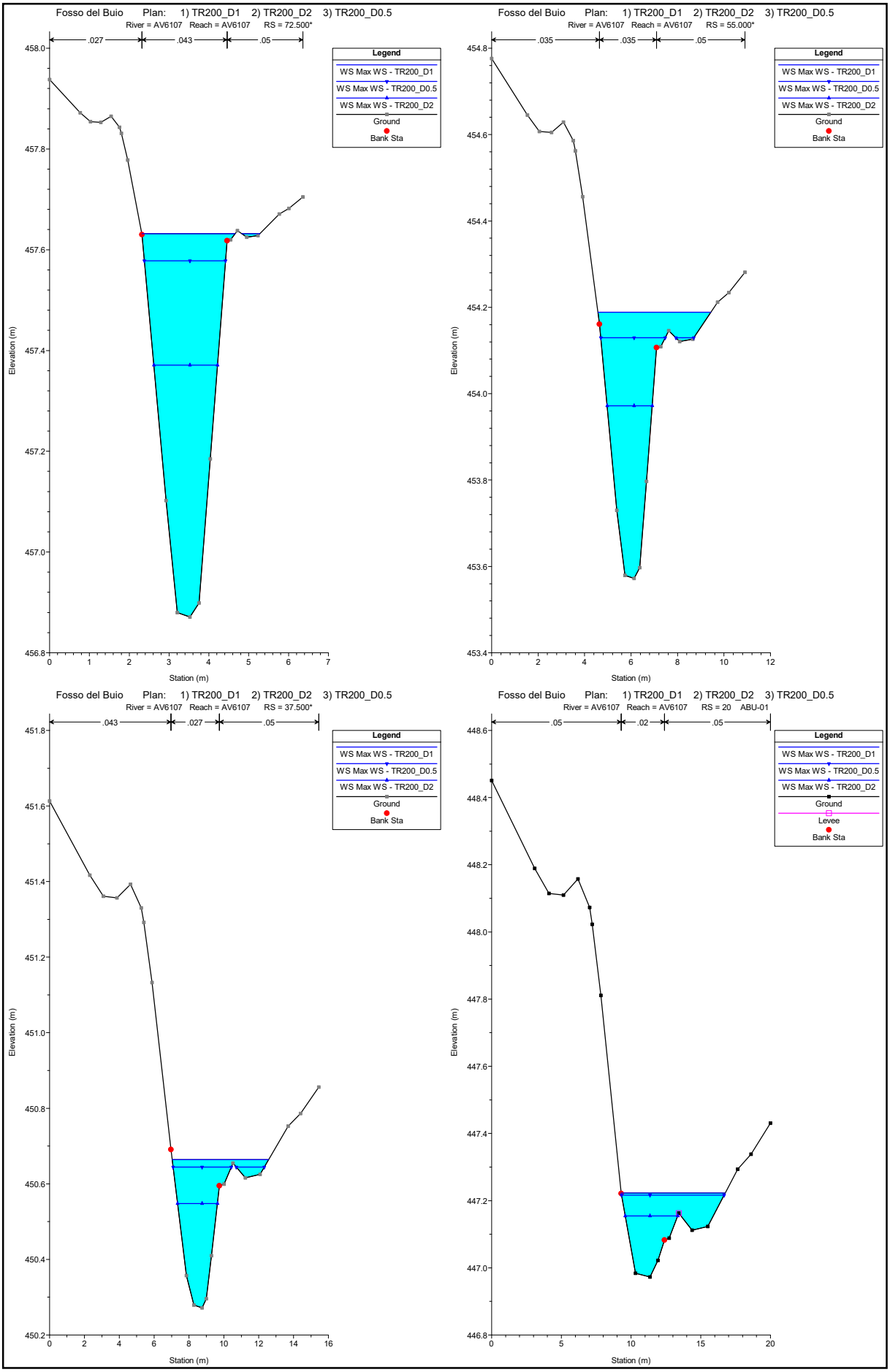
DURATE DI PIOGGIA: 0.5, 1 e 2h

Sezioni Trasversali (da monte verso valle)


Fosso del Buio Plan: 1) TR200_D1 2) TR200_D2 3) TR200_D0.5
River = AV6107 Reach = AV6107 RS = 200 ABU-06
Fosso del Buio Plan: 1) TR200_D1 2) TR200_D2 3) TR200_D0.5
River = AV6107 Reach = AV6107 RS = 190.00*
Fosso del Buio Plan: 1) TR200_D1 2) TR200_D2 3) TR200_D0.5
River = AV6107 Reach = AV6107 RS = 180.00*
Fosso del Buio Plan: 1) TR200_D1 2) TR200_D2 3) TR200_D0.5
River = AV6107 Reach = AV6107 RS = 170 ABU-05
.02
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Fosso del Buio Plan: 1) TR200_D1 2) TR200_D2 3) TR200_D0.5
River = AV6107 Reach = AV6107 RS = 150 Culv
.02
.02
.05
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Buio Plan: 1) TR200_D1 2) TR200_D2 3) TR200_D0.5
River = AV6107 Reach = AV6107 RS = 150 Culv
.02
.05
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Buio Plan: 1) TR200_D1 2) TR200_D2 3) TR200_D0.5
River = AV6107 Reach = AV6107 RS = 120 ABU-04
.02
.05
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Buio Plan: 1) TR200_D1 2) TR200_D2 3) TR200_D0.5
River = AV6107 Reach = AV6107 RS = 110.00*
.05
.05
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Fosso del Buio Plan: 1) TR200_D1 2) TR200_D2 3) TR200_D0.5
River = AV6107 Reach = AV6107 RS = 100 ABU-03
.02
.05
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Buio Plan: 1) TR200_D1 2) TR200_D2 3) TR200_D0.5
River = AV6107 Reach = AV6107 RS = 95 Culv
.02
.05
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Buio Plan: 1) TR200_D1 2) TR200_D2 3) TR200_D0.5
River = AV6107 Reach = AV6107 RS = 95 Culv
.02
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Buio Plan: 1) TR200_D1 2) TR200_D2 3) TR200_D0.5
River = AV6107 Reach = AV6107 RS = 90 ABU-02
.02
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Fosso del Buio Plan: 1) TR200_D1 2) TR200_D2 3) TR200_D0.5
River = AV6107 Reach = AV6107 RS = 72.500*
.027
.043
.05
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Buio Plan: 1) TR200_D1 2) TR200_D2 3) TR200_D0.5
River = AV6107 Reach = AV6107 RS = 55.000*
.035
.035
.05
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Buio Plan: 1) TR200_D1 2) TR200_D2 3) TR200_D0.5
River = AV6107 Reach = AV6107 RS = 37.500*
.043
.027
.05
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Buio Plan: 1) TR200_D1 2) TR200_D2 3) TR200_D0.5
River = AV6107 Reach = AV6107 RS = 20 ABU-01
.05
.02
.05
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "FOSSO DEL BUIO"

AV6107

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 0.5, 1 e 2h

Dati idraulici

HEC-RAS River: AV6107 Reach: AV6107 Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
AV6107	200	Max WS	TR200_D1	3.40	475.53	478.08		478.09	0.000058	0.46	0.00		7.33	2.87	0.09
AV6107	200	Max WS	TR200_D2	2.10	475.53	477.92		477.93	0.000026	0.31	0.00		6.88	2.87	0.06
AV6107	200	Max WS	TR200_D0.5	4.40	475.53	478.15		478.17	0.000089	0.58	0.00		7.54	2.87	0.12
AV6107	199.99			Lat Struct											
AV6107	199.98			Lat Struct											
AV6107	190.00*	Max WS	TR200_D1	3.32	475.51	478.08		478.09	0.000054	0.45	0.00		7.38	2.87	0.09
AV6107	190.00*	Max WS	TR200_D2	2.09	475.51	477.92		477.93	0.000025	0.30	0.00		6.93	2.87	0.06
AV6107	190.00*	Max WS	TR200_D0.5	4.32	475.51	478.16		478.17	0.000085	0.57	0.00		7.59	2.87	0.11
AV6107	180.00*	Max WS	TR200_D1	2.90	475.50	478.09		478.10	0.000040	0.39	0.00		7.44	2.87	0.08
AV6107	180.00*	Max WS	TR200_D2	1.93	475.50	477.92		477.93	0.000021	0.28	0.00		6.98	2.87	0.06
AV6107	180.00*	Max WS	TR200_D0.5	3.68	475.50	478.17		478.18	0.000060	0.48	0.00		7.67	2.87	0.09
AV6107	170	Max WS	TR200_D1	2.33	475.48	478.09		478.10	0.000025	0.31	0.00		7.51	2.87	0.06
AV6107	170	Max WS	TR200_D2	1.72	475.48	477.93		477.93	0.000017	0.24	0.00		7.03	2.87	0.05
AV6107	170	Max WS	TR200_D0.5	2.77	475.48	478.18		478.18	0.000033	0.36	0.00		7.75	2.87	0.07
AV6107	150			Culvert											
AV6107	120	Max WS	TR200_D1	2.13	460.77	462.53		462.54	0.000176	0.55		0.21	5.57	4.84	0.14
AV6107	120	Max WS	TR200_D2	1.72	460.77	461.35	461.40	461.66	0.011951	2.47			0.70	1.54	1.18
AV6107	120	Max WS	TR200_D0.5	2.35	460.77	461.89		461.97	0.001442	1.27		0.31	2.48	4.84	0.42
AV6107	119.99			Lat Struct											
AV6107	119.98			Lat Struct											
AV6107	110.00*	Max WS	TR200_D1	9.83	460.62	462.27		462.47	0.015476	2.02		1.89	5.03	4.84	0.54
AV6107	110.00*	Max WS	TR200_D2	2.25	460.62	461.28	461.39	461.66	0.080109	2.73		0.23	0.82	1.72	1.22
AV6107	110.00*	Max WS	TR200_D0.5	6.56	460.62	461.87		462.11	0.028189	2.38		1.73	3.09	4.84	0.74
AV6107	100	Max WS	TR200_D1	7.96	460.47	462.31		462.45	0.002083	1.94		0.77	5.93	4.84	0.48
AV6107	100	Max WS	TR200_D2	2.22	460.47	461.21		461.48	0.007852	2.30		0.24	0.99	2.31	0.98
AV6107	100	Max WS	TR200_D0.5	5.33	460.47	461.85		462.02	0.003000	2.04		0.66	3.70	4.84	0.60
AV6107	95			Culvert											
AV6107	90	Max WS	TR200_D1	7.96	460.17	461.00	461.78	465.40	0.141236	9.28			0.86	1.64	4.10
AV6107	90	Max WS	TR200_D2	2.22	460.17	460.61	461.06	462.92	0.137740	6.73			0.33	1.08	3.89
AV6107	90	Max WS	TR200_D0.5	5.33	460.17	460.86	461.49	464.45	0.140041	8.40			0.63	1.43	4.03
AV6107	72.500*	Max WS	TR200_D1	5.43	456.87	457.63	458.02	459.09	0.196031	5.35		0.31	1.02	2.79	2.48
AV6107	72.500*	Max WS	TR200_D2	2.21	456.87	457.37	457.65	458.27	0.189471	4.19			0.53	1.60	2.33
AV6107	72.500*	Max WS	TR200_D0.5	4.58	456.87	457.58	457.97	458.89	0.192568	5.07			0.90	2.04	2.43
AV6107	55.000*	Max WS	TR200_D1	5.96	453.57	454.19	454.53	455.88	0.161646	5.83	0.62	1.12	1.12	4.85	2.92
AV6107	55.000*	Max WS	TR200_D2	2.20	453.57	453.97	454.25	454.91	0.153497	4.29			0.51	1.94	2.67
AV6107	55.000*	Max WS	TR200_D0.5	4.49	453.57	454.13	454.44	455.52	0.155155	5.23		0.39	0.87	3.55	2.80
AV6107	37.500*	Max WS	TR200_D1	4.84	450.27	450.66	450.99	452.86	0.201261	6.64		0.99	0.82	5.53	4.13
AV6107	37.500*	Max WS	TR200_D2	2.18	450.27	450.55	450.80	451.91	0.196551	5.18			0.42	2.28	3.85
AV6107	37.500*	Max WS	TR200_D0.5	4.23	450.27	450.64	450.96	452.66	0.196988	6.32		0.74	0.71	4.95	4.05
AV6107	20	Max WS	TR200_D1	4.43	446.97	447.22	447.51	449.15	0.162737	6.58		1.57	0.96	7.47	4.84
AV6107	20	Max WS	TR200_D2	2.16	446.97	447.15	447.35	448.68	0.177202	5.53		1.08	0.43	3.77	4.79
AV6107	20	Max WS	TR200_D0.5	4.17	446.97	447.22	447.49	449.09	0.162627	6.45		1.51	0.91	7.36	4.82

ALLEGATI

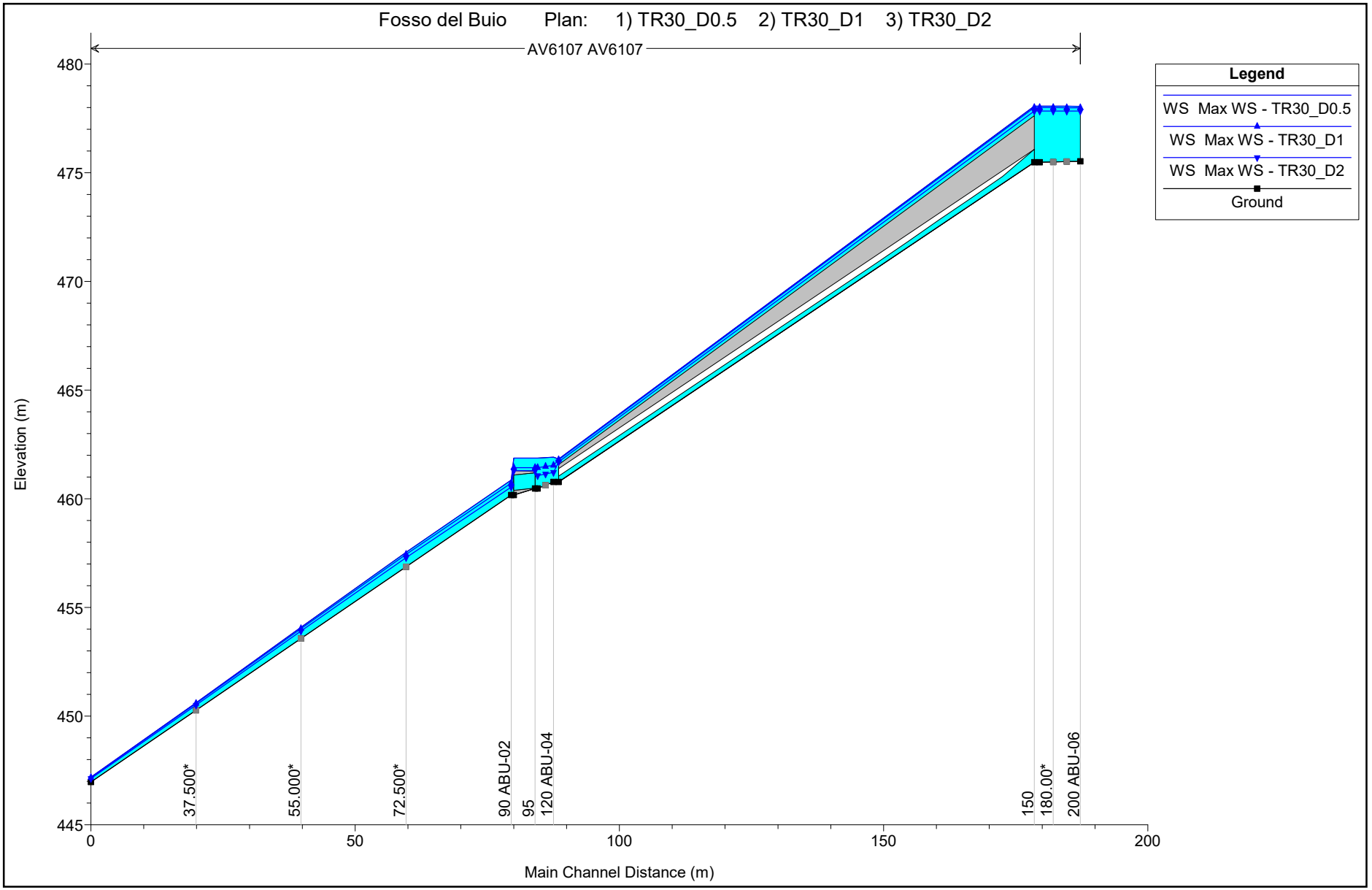
MODELLAZIONE HEC-RAS 5.0.7 "FOSSO DEL BUIO"

AV6107

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 0.5, 1 e 2h

Profilo longitudinale


Fosso del Buio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
AV6107 AV6107
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Elevation (m)
480
475
470
465
460
455
450
445
0
50
100
150
200
Main Channel Distance (m)
37.500*
55.000*
72.500*
90 ABU-02
95
120 ABU-04
150
180.00*
200 ABU-06

ALLEGATI

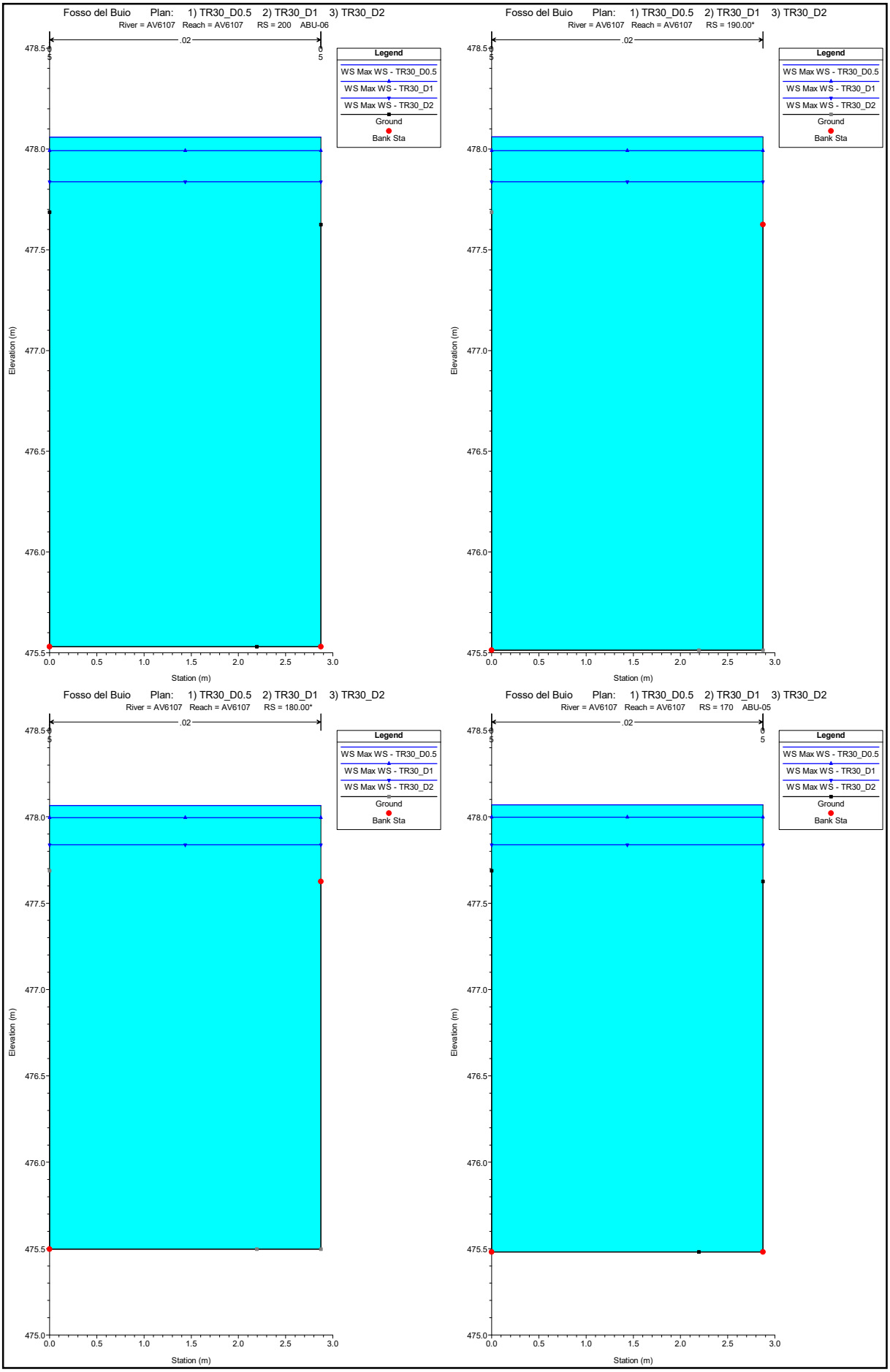
MODELLAZIONE HEC-RAS 5.0.7 "FOSSO DEL BUIO"

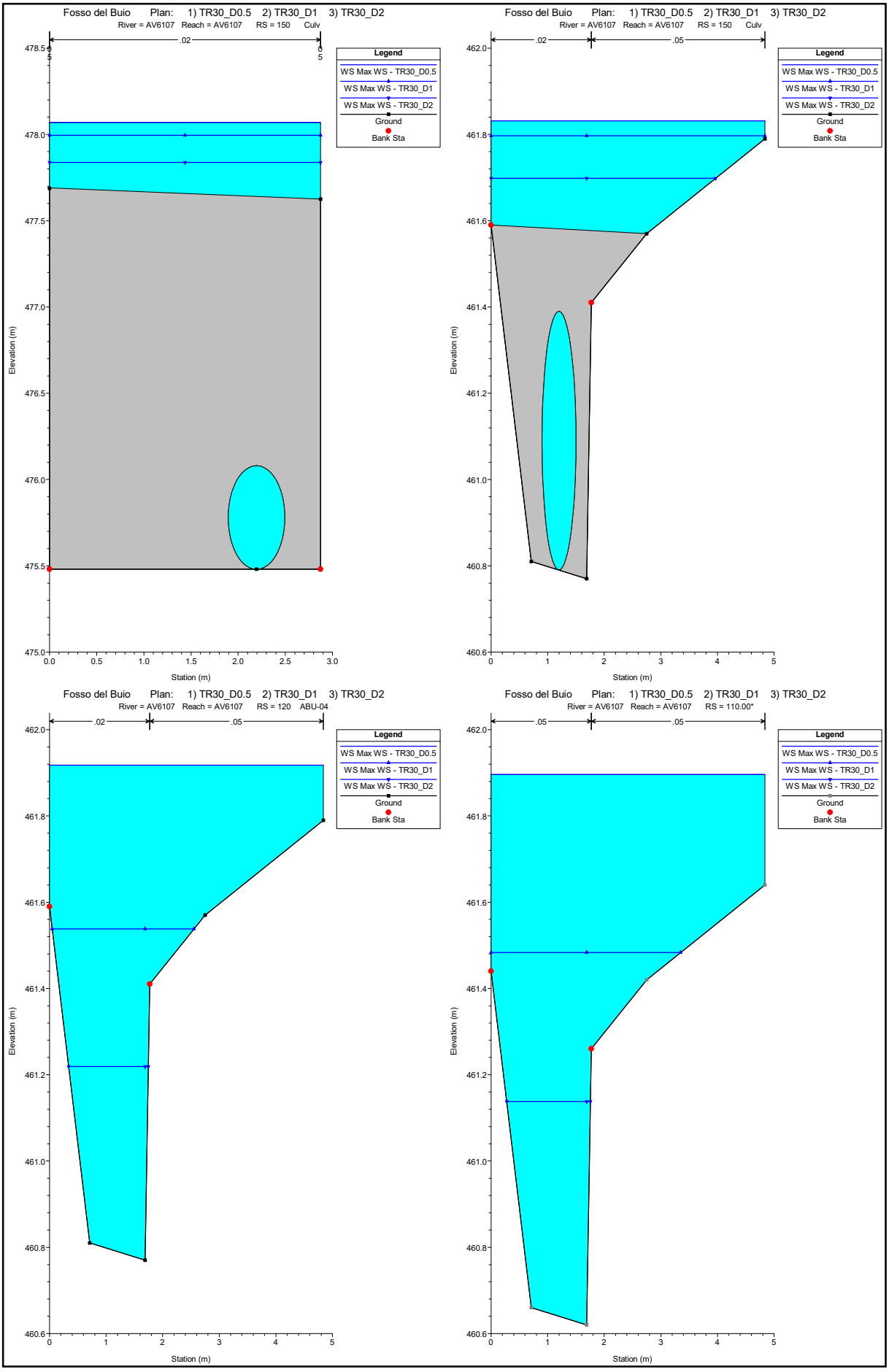
AV6107

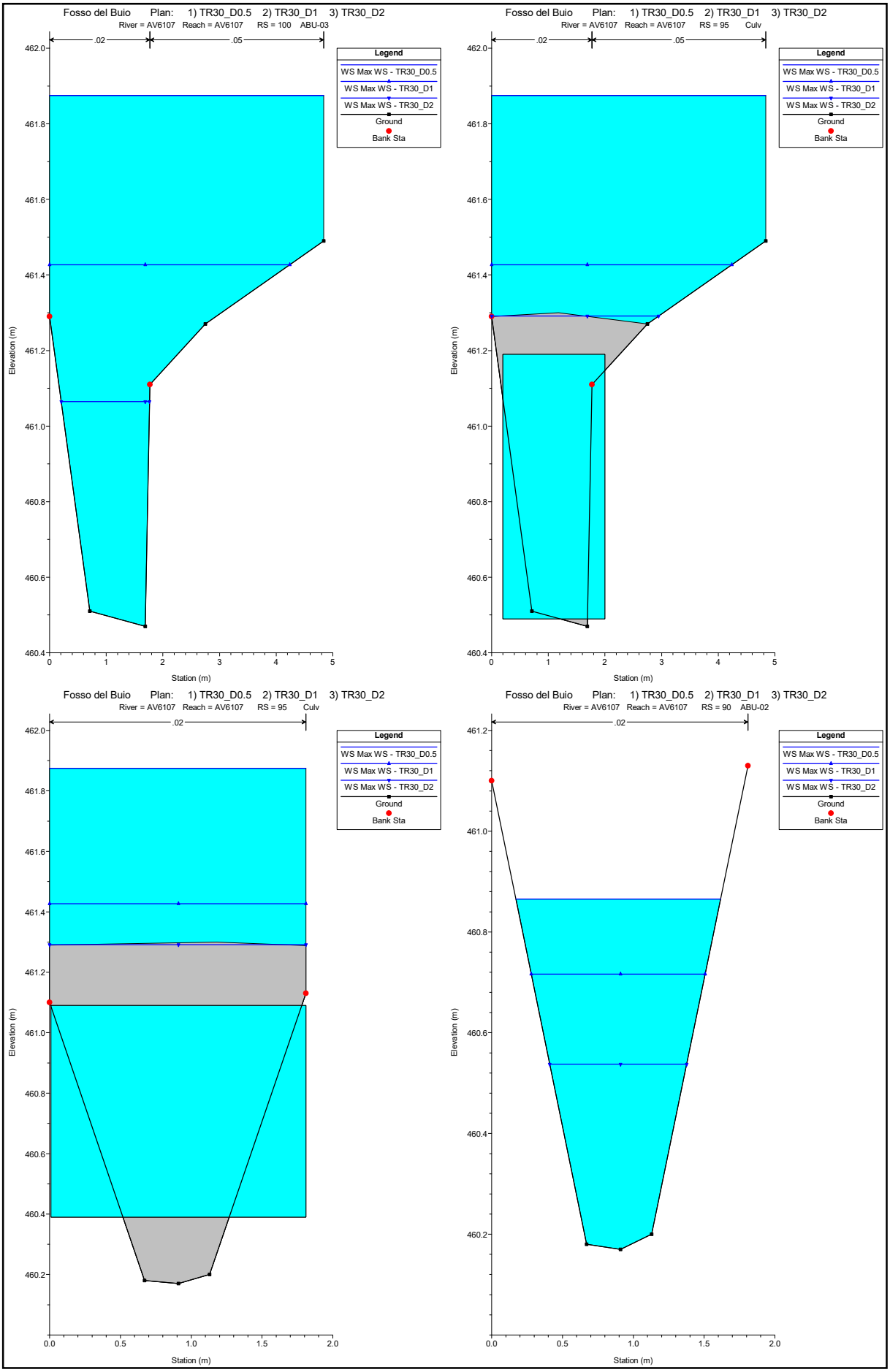
MODELLAZIONE PER TR= 30 anni

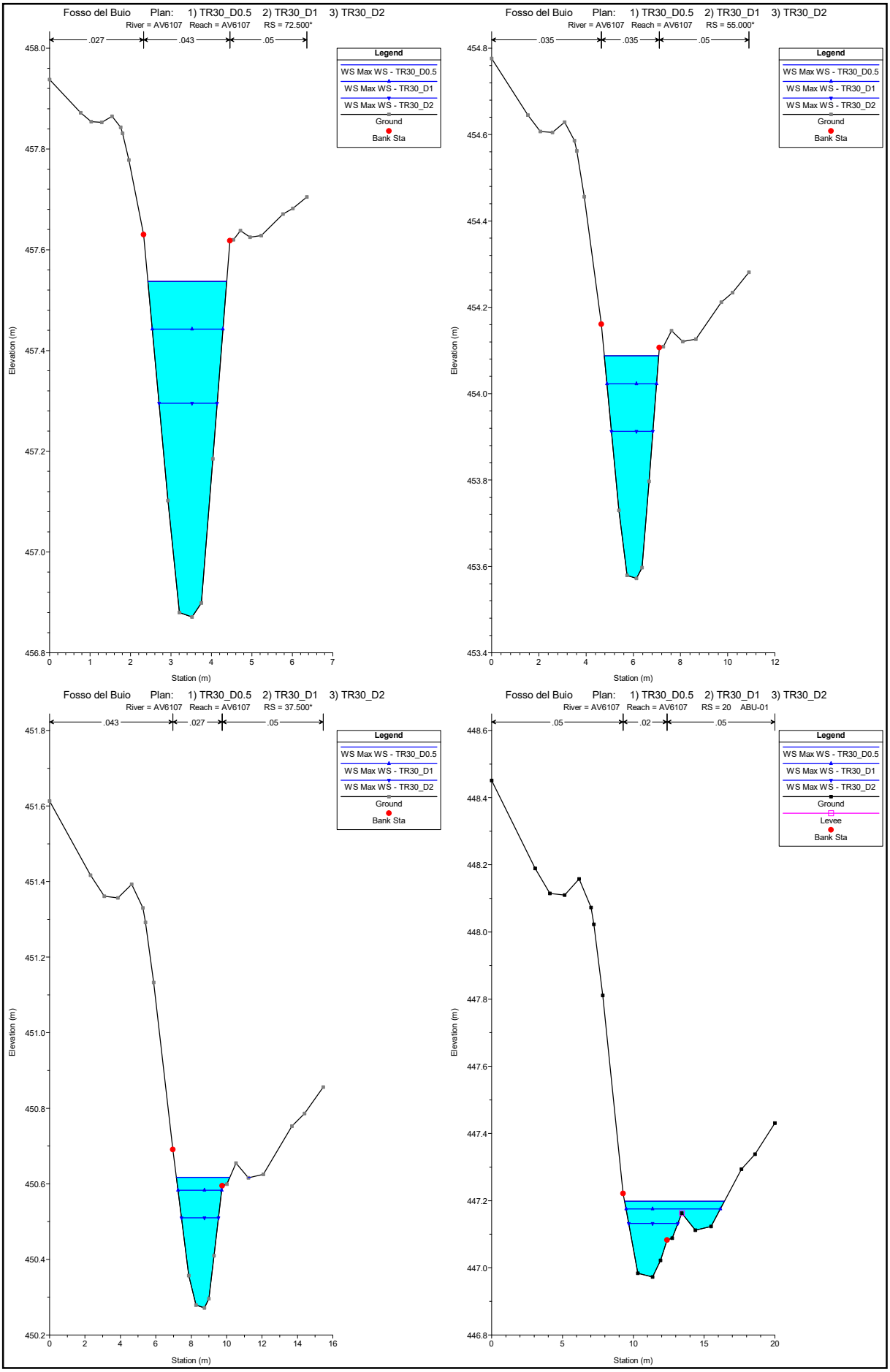
DURATE DI PIOGGIA: 0.5, 1 e 2h

Sezioni Trasversali (da monte verso valle)


Fosso del Buio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV6107 Reach = AV6107 RS = 200 ABU-06
Fosso del Buio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV6107 Reach = AV6107 RS = 190.00*
Fosso del Buio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV6107 Reach = AV6107 RS = 180.00*
Fosso del Buio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV6107 Reach = AV6107 RS = 170 ABU-05
.02
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Fosso del Buio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV6107 Reach = AV6107 RS = 150 Culv
.02
.02
.05
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Buio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV6107 Reach = AV6107 RS = 120 ABU-04
.02
.05
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Buio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV6107 Reach = AV6107 RS = 110.00*
.05
.05
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Fosso del Buio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV6107 Reach = AV6107 RS = 100 ABU-03
.02
.05
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Buio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV6107 Reach = AV6107 RS = 95 Culv
.02
.05
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Buio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV6107 Reach = AV6107 RS = 95 Culv
.02
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Buio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV6107 Reach = AV6107 RS = 90 ABU-02
.02
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Fosso del Buio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV6107 Reach = AV6107 RS = 72.500*
.027
.043
.05
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Buio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV6107 Reach = AV6107 RS = 55.000*
.035
.035
.05
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Buio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV6107 Reach = AV6107 RS = 37.500*
.043
.027
.05
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Buio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = AV6107 Reach = AV6107 RS = 20 ABU-01
.05
.02
.05
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "FOSSO DEL BUIO"

AV6107

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 0.5, 1 e 2h

Dati idraulici

HEC-RAS River: AV6107 Reach: AV6107 Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
AV6107	200	Max WS	TR30_D0.5	3.20	475.53	478.06		478.07	0.000052	0.44	0.00		7.27	2.87	0.09
AV6107	200	Max WS	TR30_D1	2.60	475.53	477.99		478.00	0.000037	0.37	0.00		7.07	2.87	0.07
AV6107	200	Max WS	TR30_D2	1.60	475.53	477.84		477.84	0.000017	0.24	0.00		6.63	2.87	0.05
AV6107	199.99			Lat Struct											
AV6107	199.98			Lat Struct											
AV6107	190.00*	Max WS	TR30_D0.5	3.14	475.51	478.06		478.07	0.000049	0.43	0.00		7.32	2.87	0.09
AV6107	190.00*	Max WS	TR30_D1	2.57	475.51	477.99		478.00	0.000036	0.36	0.00		7.12	2.87	0.07
AV6107	190.00*	Max WS	TR30_D2	1.60	475.51	477.84		477.84	0.000016	0.24	0.00		6.68	2.87	0.05
AV6107	180.00*	Max WS	TR30_D0.5	2.75	475.50	478.06		478.07	0.000037	0.37	0.00		7.38	2.87	0.07
AV6107	180.00*	Max WS	TR30_D1	2.30	475.50	477.99		478.00	0.000028	0.32	0.00		7.18	2.87	0.06
AV6107	180.00*	Max WS	TR30_D2	1.53	475.50	477.84		477.84	0.000015	0.23	0.00		6.72	2.87	0.05
AV6107	170	Max WS	TR30_D0.5	2.24	475.48	478.07		478.07	0.000024	0.30	0.00		7.44	2.87	0.06
AV6107	170	Max WS	TR30_D1	1.95	475.48	478.00		478.00	0.000020	0.27	0.00		7.23	2.87	0.05
AV6107	170	Max WS	TR30_D2	1.43	475.48	477.84		477.84	0.000013	0.21	0.00		6.78	2.87	0.04
AV6107	150			Culvert											
AV6107	120	Max WS	TR30_D0.5	2.03	460.77	461.92		461.97	0.000973	1.06		0.27	2.60	4.84	0.35
AV6107	120	Max WS	TR30_D1	1.95	460.77	461.54		461.72	0.005213	1.92		0.23	1.06	2.51	0.80
AV6107	120	Max WS	TR30_D2	1.43	460.77	461.22	461.34	461.62	0.019428	2.81			0.51	1.41	1.49
AV6107	119.99			Lat Struct											
AV6107	119.98			Lat Struct											
AV6107	110.00*	Max WS	TR30_D0.5	6.65	460.62	461.90		462.13	0.025781	2.31		1.72	3.22	4.84	0.71
AV6107	110.00*	Max WS	TR30_D1	3.69	460.62	461.48	461.66	461.92	0.068160	2.98		1.12	1.34	3.35	1.17
AV6107	110.00*	Max WS	TR30_D2	1.56	460.62	461.14	461.22	461.47	0.088646	2.57			0.61	1.48	1.28
AV6107	100	Max WS	TR30_D0.5	5.47	460.47	461.87		462.05	0.002900	2.03		0.67	3.84	4.84	0.59
AV6107	100	Max WS	TR30_D1	3.35	460.47	461.43		461.70	0.006093	2.38		0.42	1.69	4.24	0.87
AV6107	100	Max WS	TR30_D2	1.56	460.47	461.06		461.30	0.008783	2.15			0.73	1.56	1.01
AV6107	95			Culvert											
AV6107	90	Max WS	TR30_D0.5	5.47	460.17	460.87	461.51	464.51	0.139905	8.45			0.65	1.45	4.03
AV6107	90	Max WS	TR30_D1	3.35	460.17	460.72	461.24	463.55	0.138127	7.46			0.45	1.23	3.94
AV6107	90	Max WS	TR30_D2	1.56	460.17	460.54	460.91	462.49	0.138844	6.18			0.25	0.97	3.86
AV6107	72.500*	Max WS	TR30_D0.5	4.01	456.87	457.54	457.92	458.76	0.190786	4.89			0.82	1.95	2.41
AV6107	72.500*	Max WS	TR30_D1	2.91	456.87	457.44	457.78	458.48	0.190610	4.51			0.65	1.75	2.37
AV6107	72.500*	Max WS	TR30_D2	1.58	456.87	457.30	457.52	458.05	0.188356	3.84			0.41	1.44	2.29
AV6107	55.000*	Max WS	TR30_D0.5	3.79	453.57	454.09	454.39	455.36	0.156926	4.99			0.76	2.30	2.78
AV6107	55.000*	Max WS	TR30_D1	2.82	453.57	454.02	454.33	455.10	0.153922	4.59			0.61	2.10	2.71
AV6107	55.000*	Max WS	TR30_D2	1.59	453.57	453.91	454.15	454.70	0.153804	3.94			0.40	1.76	2.62
AV6107	37.500*	Max WS	TR30_D0.5	3.56	450.27	450.62	450.92	452.47	0.200860	6.03		0.56	0.60	3.15	4.03
AV6107	37.500*	Max WS	TR30_D1	2.77	450.27	450.58	450.86	452.13	0.193806	5.50			0.50	2.46	3.89
AV6107	37.500*	Max WS	TR30_D2	1.59	450.27	450.51	450.74	451.64	0.193610	4.71			0.34	2.09	3.75
AV6107	20	Max WS	TR30_D0.5	3.40	446.97	447.20	447.45	448.84	0.155066	5.99		1.30	0.78	7.05	4.65
AV6107	20	Max WS	TR30_D1	2.69	446.97	447.18	447.39	448.69	0.159855	5.65		1.06	0.62	6.66	4.63
AV6107	20	Max WS	TR30_D2	1.59	446.97	447.13	447.30	448.33	0.166228	4.88		0.85	0.35	3.47	4.53

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "FOSSO DEL BUIO"

FOSSO DEL BUIO

MODELLAZIONE PER TR=30 e 200 ANNI

DURATA DI PIOGGIA: 0.5, 1 e 2h

Profilo longitudinale

Sezioni Trasversali

Dati idraulici

ALLEGATI

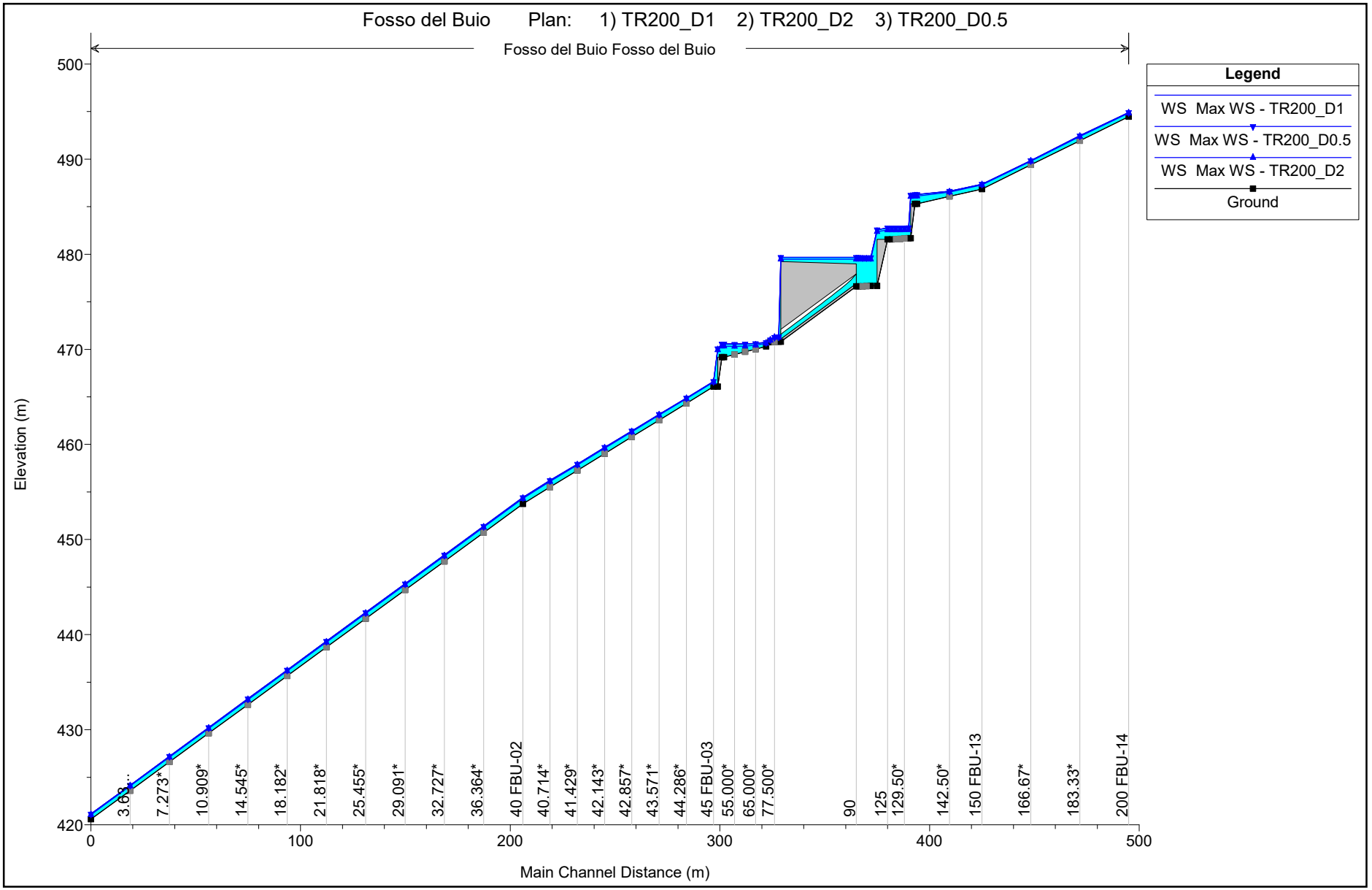
MODELLAZIONE HEC-RAS 5.0.7 "FOSSO DEL BUIO"

FOSSO DEL BUIO

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 0.5, 1 e 2h

Profilo longitudinale


Fosso del Buio Plan: 1) TR200_D1 2) TR200_D2 3) TR200_D0.5
Fosso del Buio Fosso del Buio
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Elevation (m)
Main Channel Distance (m)
500
490
480
470
460
450
440
430
420
0
100
200
300
400
500
3.63*
7.273*
10.909*
14.545*
18.182*
21.818*
25.455*
29.091*
32.727*
36.364*
40 FBU-02
40.714*
41.429*
42.143*
42.857*
43.571*
44.286*
45 FBU-03
55.000*
65.000*
77.500*
90
125
129.50*
142.50*
150 FBU-13
166.67*
183.33*
200 FBU-14

ALLEGATI

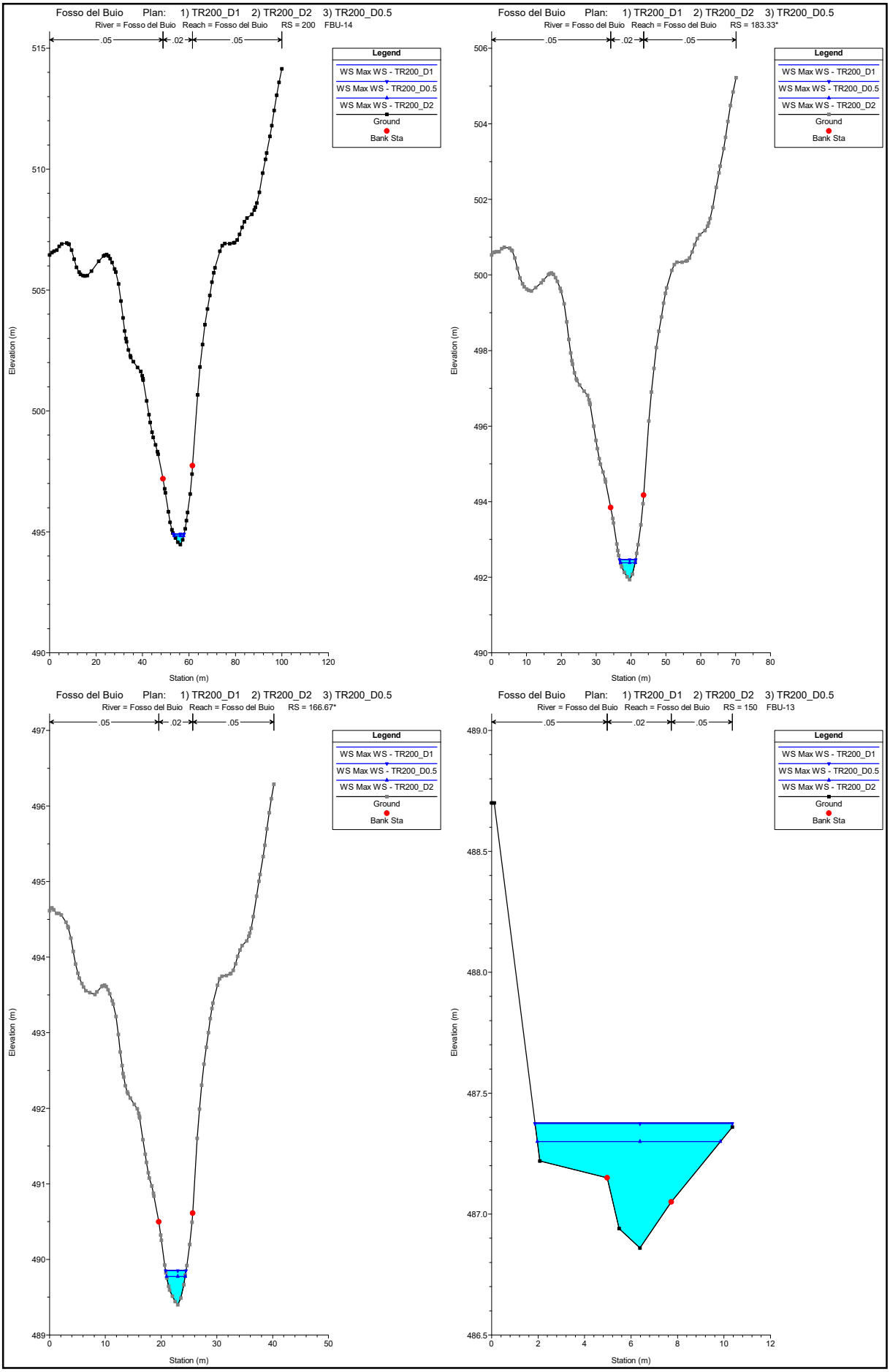
MODELLAZIONE HEC-RAS 5.0.7 "FOSSO DEL BUIO"

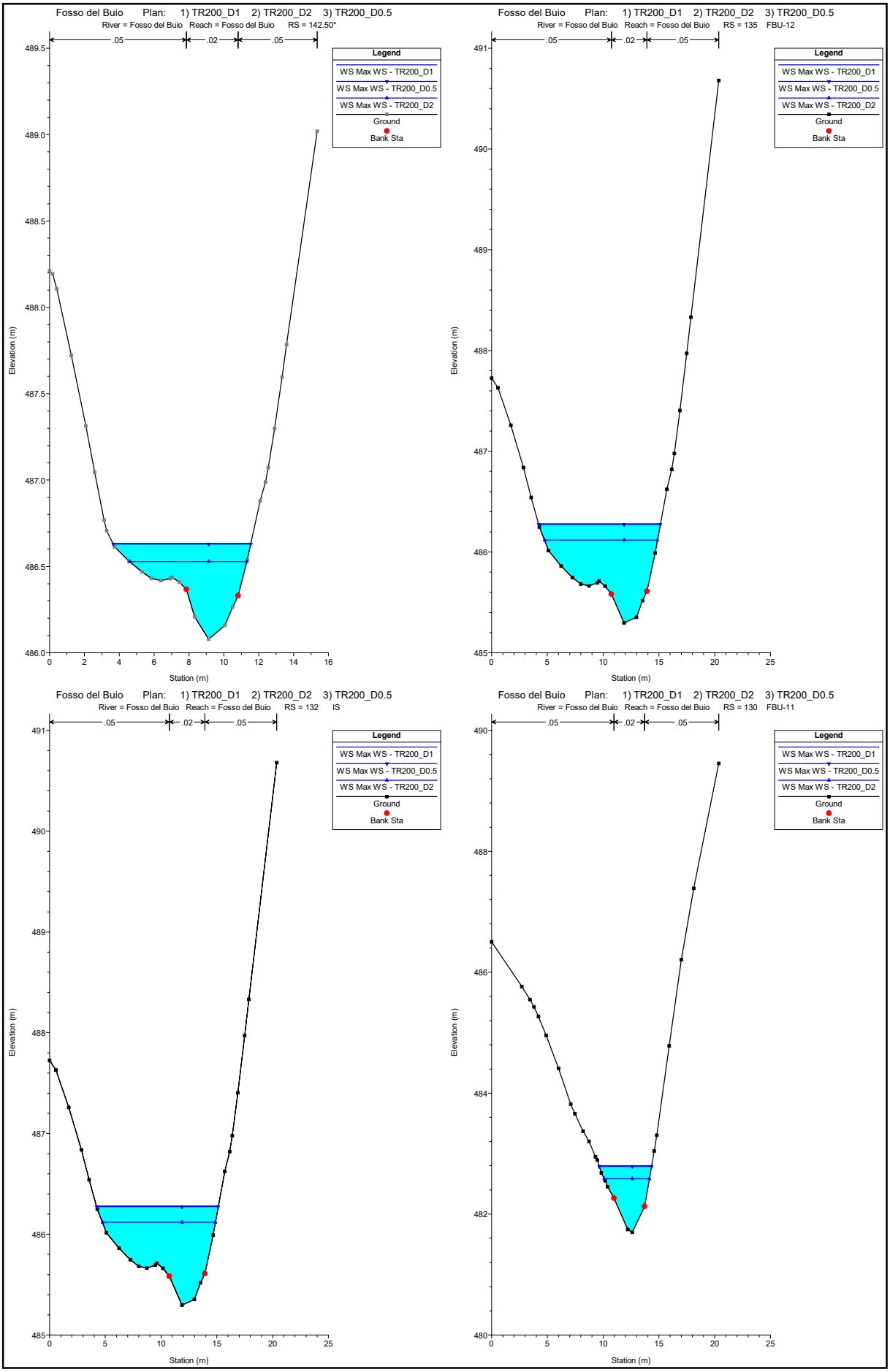
FOSSO DEL BUIO

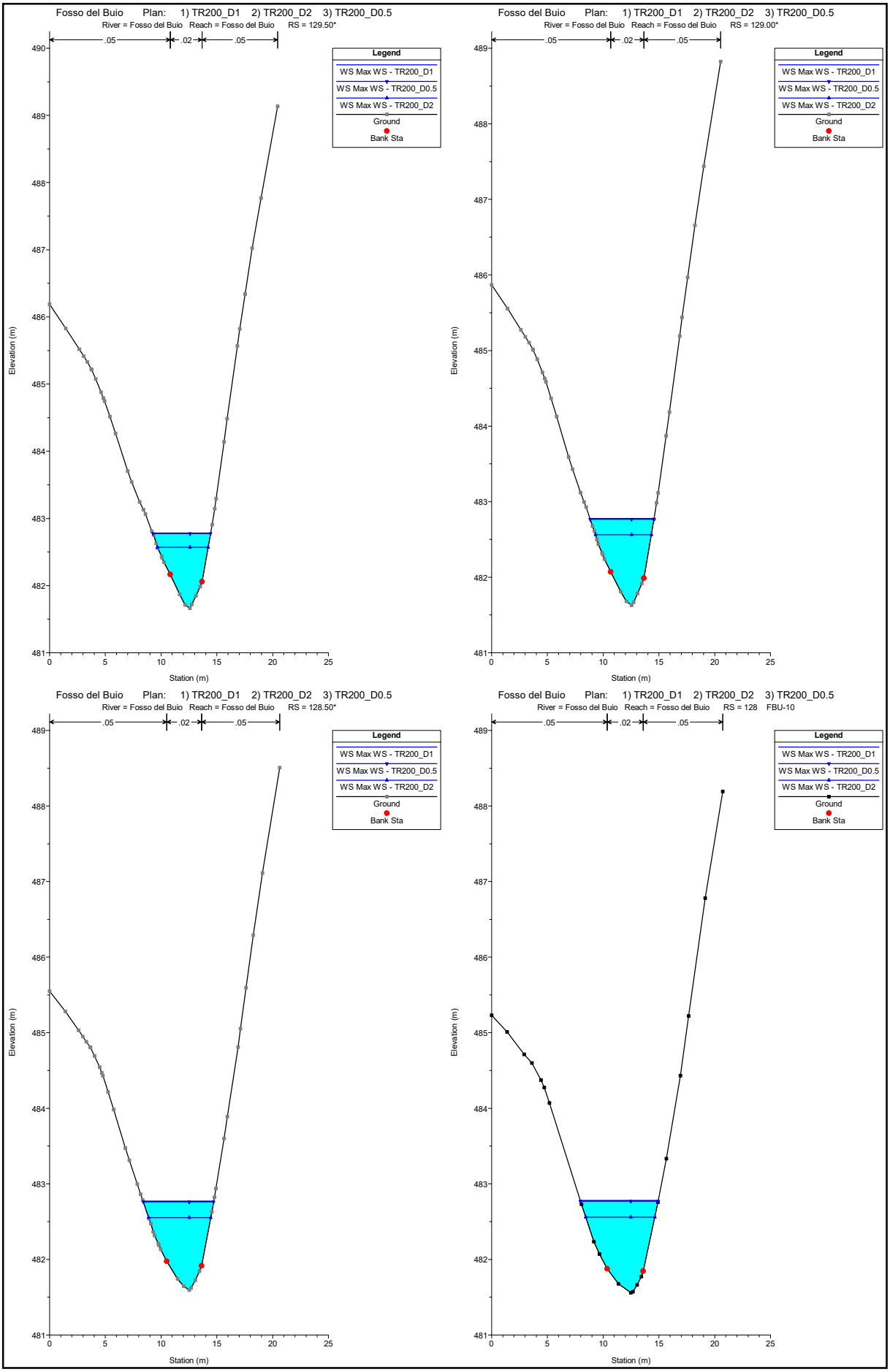
MODELLAZIONE PER TR= 200 anni

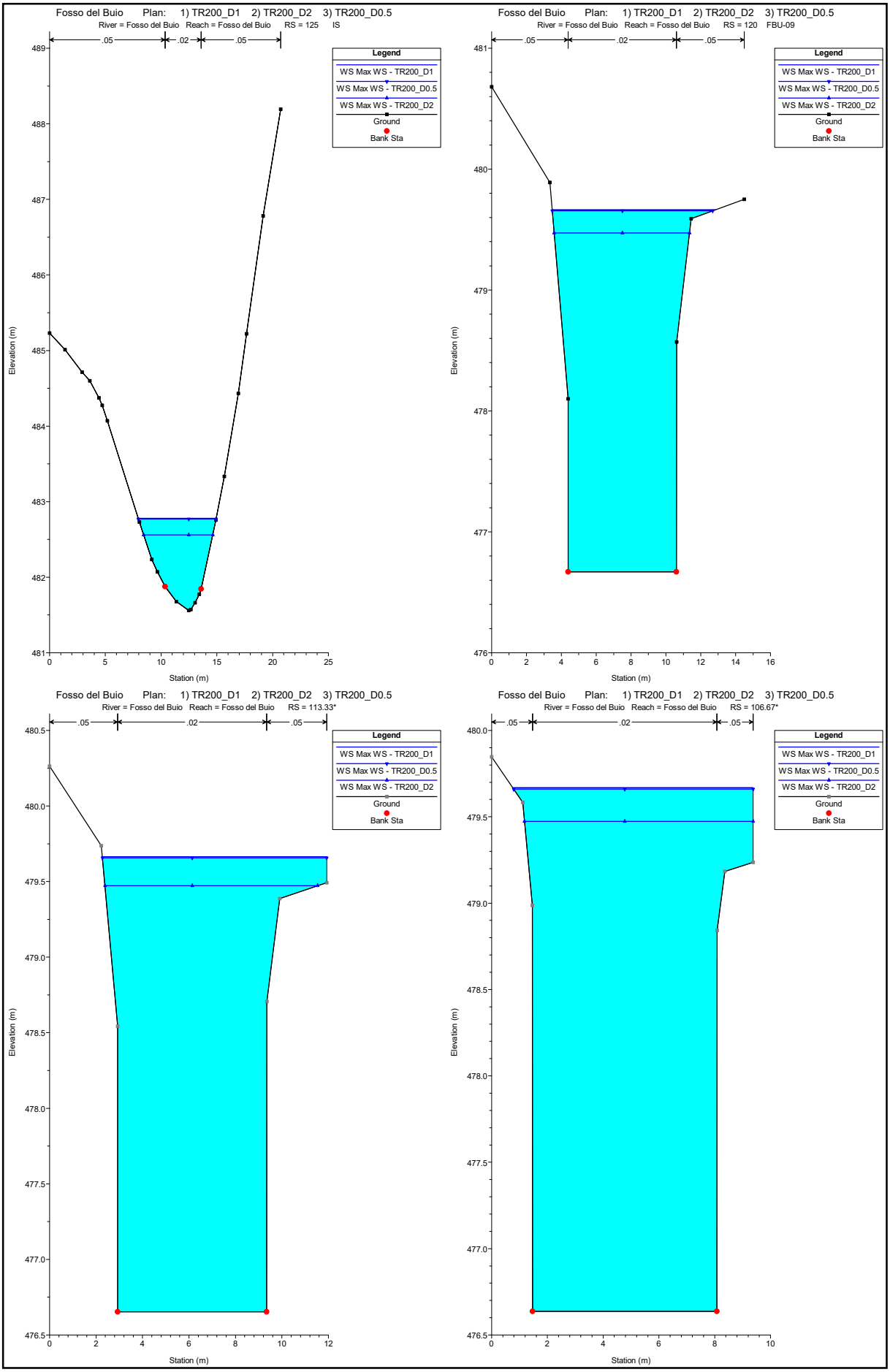
DURATE DI PIOGGIA: 0.5, 1 e 2h

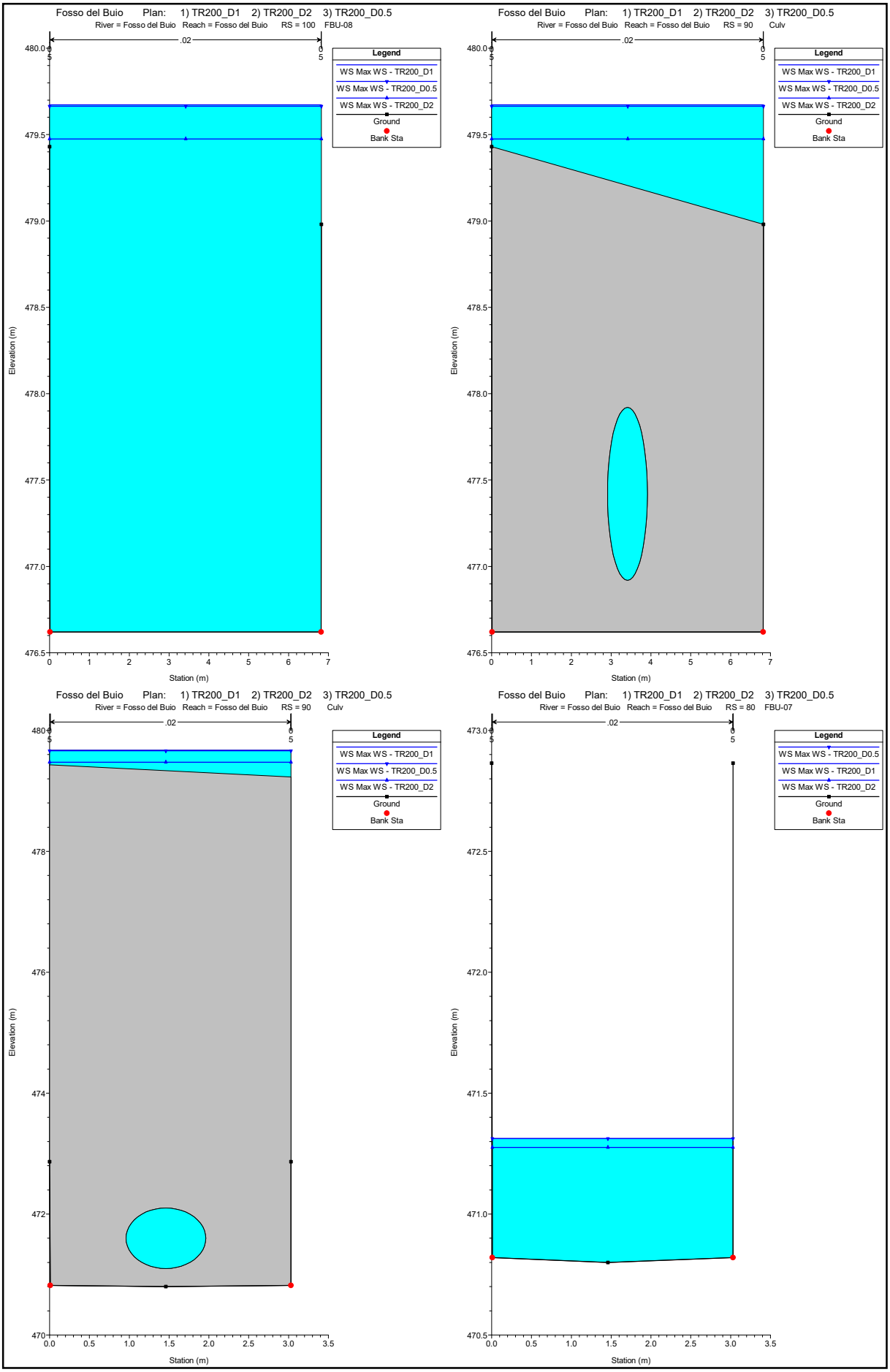
Sezioni Trasversali (da monte verso valle)

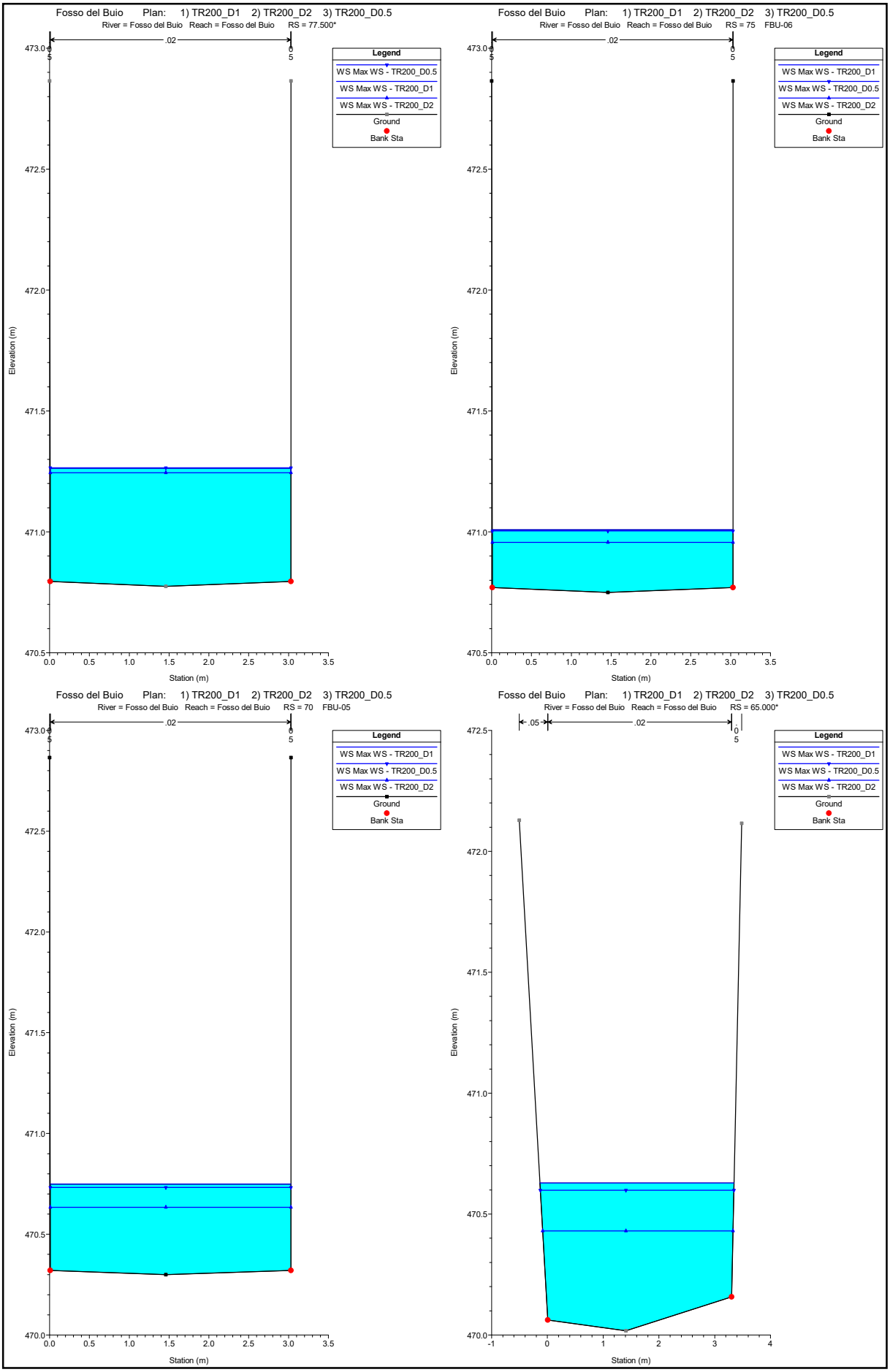

Fosso del Buio Plan: 1) TR200_D1 2) TR200_D2 3) TR200_D0.5
River = Fosso del Buio Reach = Fosso del Buio RS = 200 FBU-14
.05 .02 .05
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Buio Plan: 1) TR200_D1 2) TR200_D2 3) TR200_D0.5
River = Fosso del Buio Reach = Fosso del Buio RS = 183.33*
.05 .02 .05
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Buio Plan: 1) TR200_D1 2) TR200_D2 3) TR200_D0.5
River = Fosso del Buio Reach = Fosso del Buio RS = 166.67*
.05 .02 .05
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Buio Plan: 1) TR200_D1 2) TR200_D2 3) TR200_D0.5
River = Fosso del Buio Reach = Fosso del Buio RS = 150 FBU-13
.05 .02 .05
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

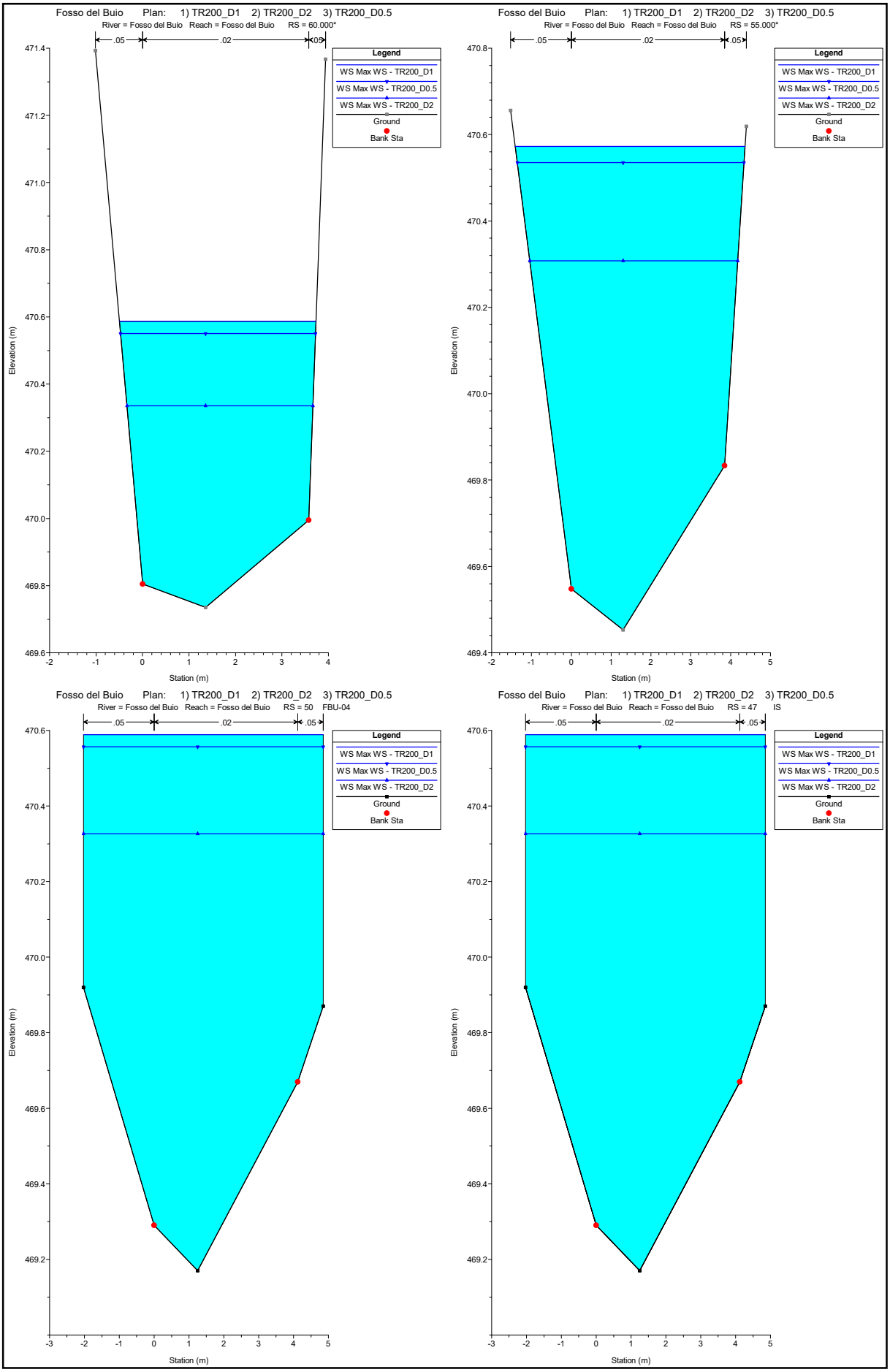

Fosso del Buio Plan: 1) TR200_D1 2) TR200_D2 3) TR200_D0.5
River = Fosso del Buio Reach = Fosso del Buio RS = 142.50*
.05 .02 .05
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Buio Plan: 1) TR200_D1 2) TR200_D2 3) TR200_D0.5
River = Fosso del Buio Reach = Fosso del Buio RS = 135 FBU-12
.05 .02 .05
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Buio Plan: 1) TR200_D1 2) TR200_D2 3) TR200_D0.5
River = Fosso del Buio Reach = Fosso del Buio RS = 132 IS
.05 .02 .05
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Buio Plan: 1) TR200_D1 2) TR200_D2 3) TR200_D0.5
River = Fosso del Buio Reach = Fosso del Buio RS = 130 FBU-11
.05 .02 .05
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

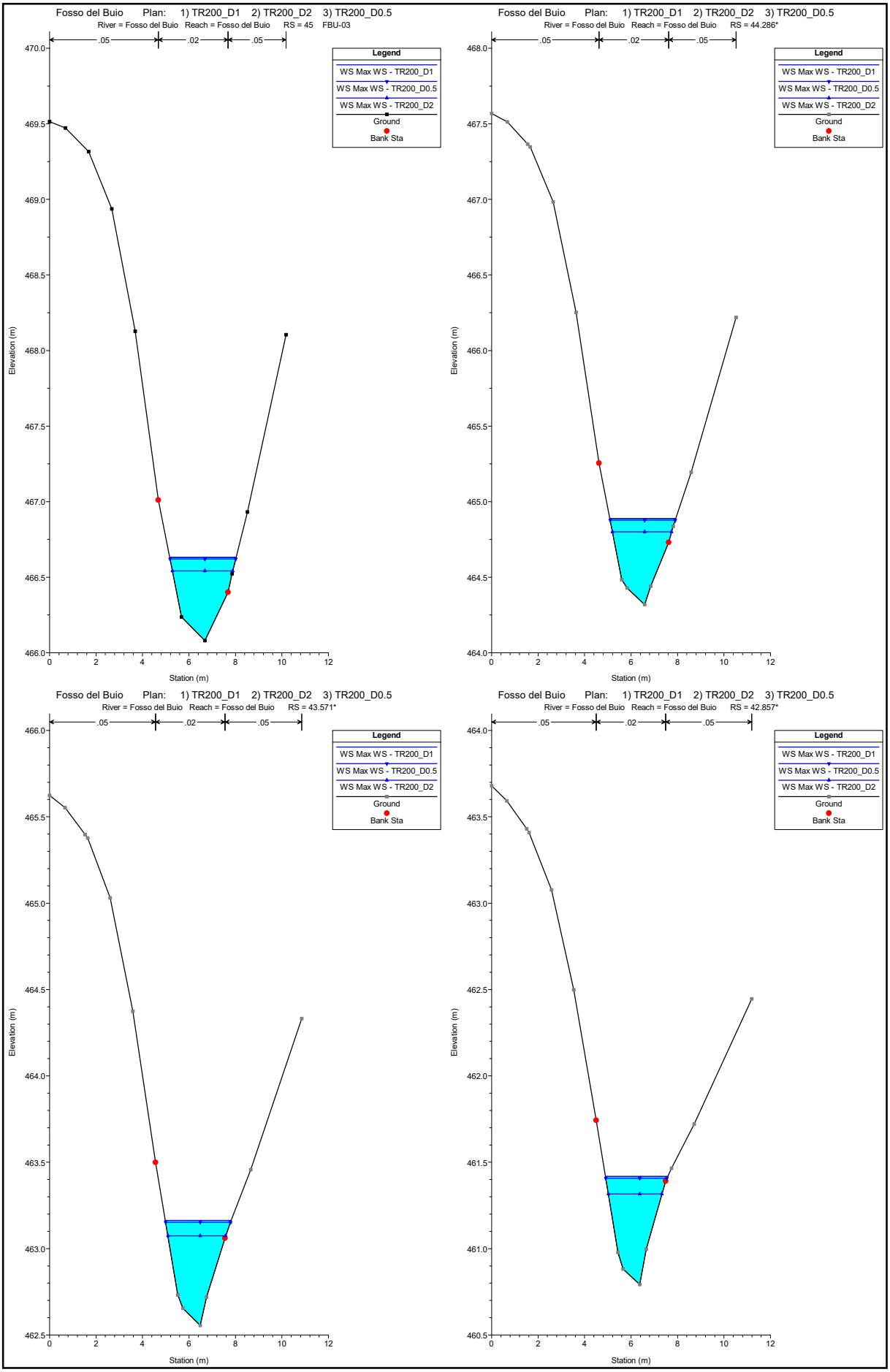

Fosso del Buio Plan: 1) TR200_D1 2) TR200_D2 3) TR200_D0.5
River = Fosso del Buio Reach = Fosso del Buio RS = 129.50*
.05 .02 .05
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Buio Plan: 1) TR200_D1 2) TR200_D2 3) TR200_D0.5
River = Fosso del Buio Reach = Fosso del Buio RS = 129.00*
.05 .02 .05
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Buio Plan: 1) TR200_D1 2) TR200_D2 3) TR200_D0.5
River = Fosso del Buio Reach = Fosso del Buio RS = 128.50*
.05 .02 .05
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Buio Plan: 1) TR200_D1 2) TR200_D2 3) TR200_D0.5
River = Fosso del Buio Reach = Fosso del Buio RS = 128 FBU-10
.05 .02 .05
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

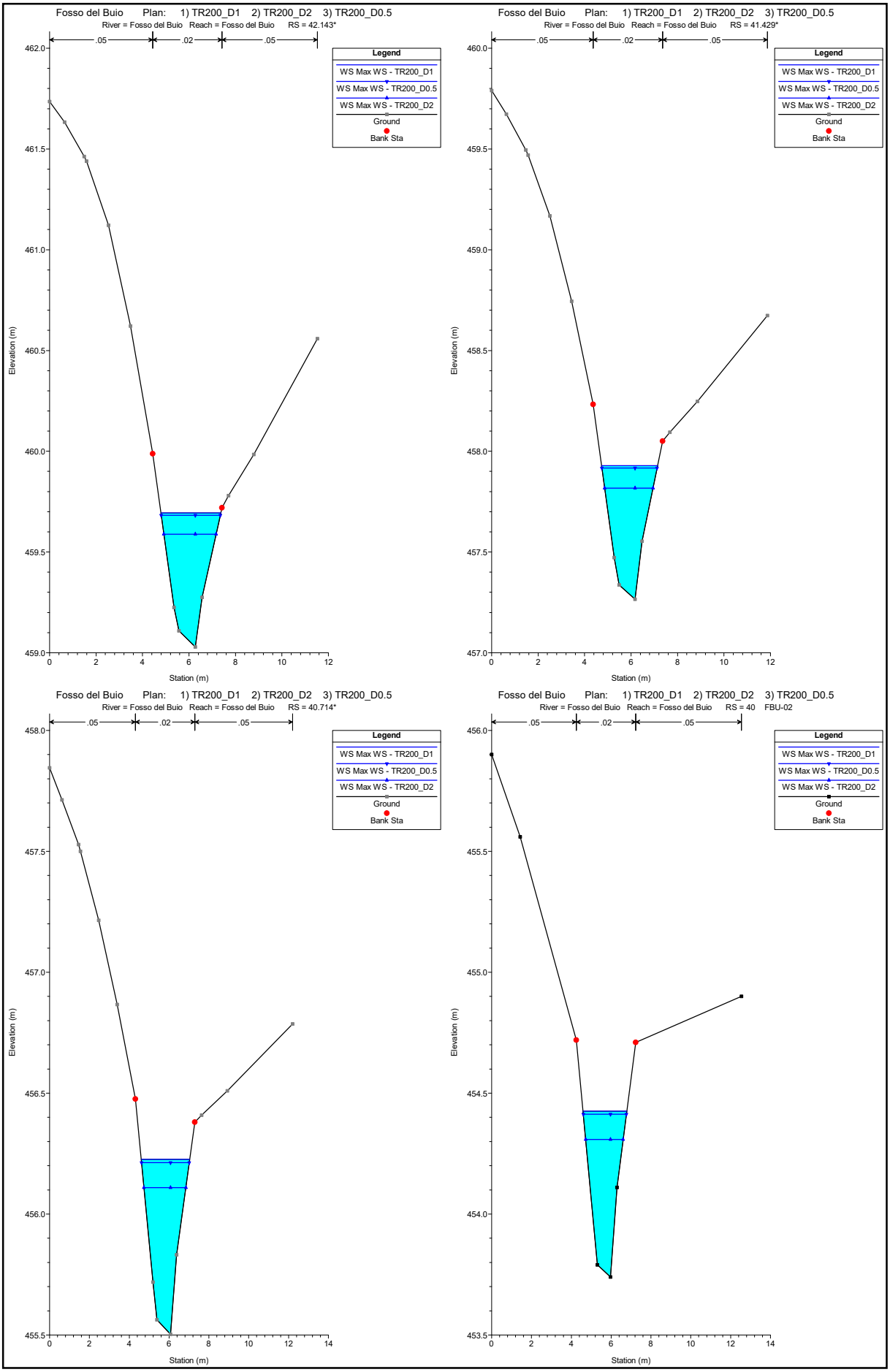

Fosso del Buio Plan: 1) TR200_D1 2) TR200_D2 3) TR200_D0.5
River = Fosso del Buio Reach = Fosso del Buio RS = 125 IS
.05
.02
.05
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Buio Plan: 1) TR200_D1 2) TR200_D2 3) TR200_D0.5
River = Fosso del Buio Reach = Fosso del Buio RS = 120 FBU-09
.05
.02
.05
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Buio Plan: 1) TR200_D1 2) TR200_D2 3) TR200_D0.5
River = Fosso del Buio Reach = Fosso del Buio RS = 113.33*
.05
.02
.05
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Buio Plan: 1) TR200_D1 2) TR200_D2 3) TR200_D0.5
River = Fosso del Buio Reach = Fosso del Buio RS = 106.67*
.05
.02
.05
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

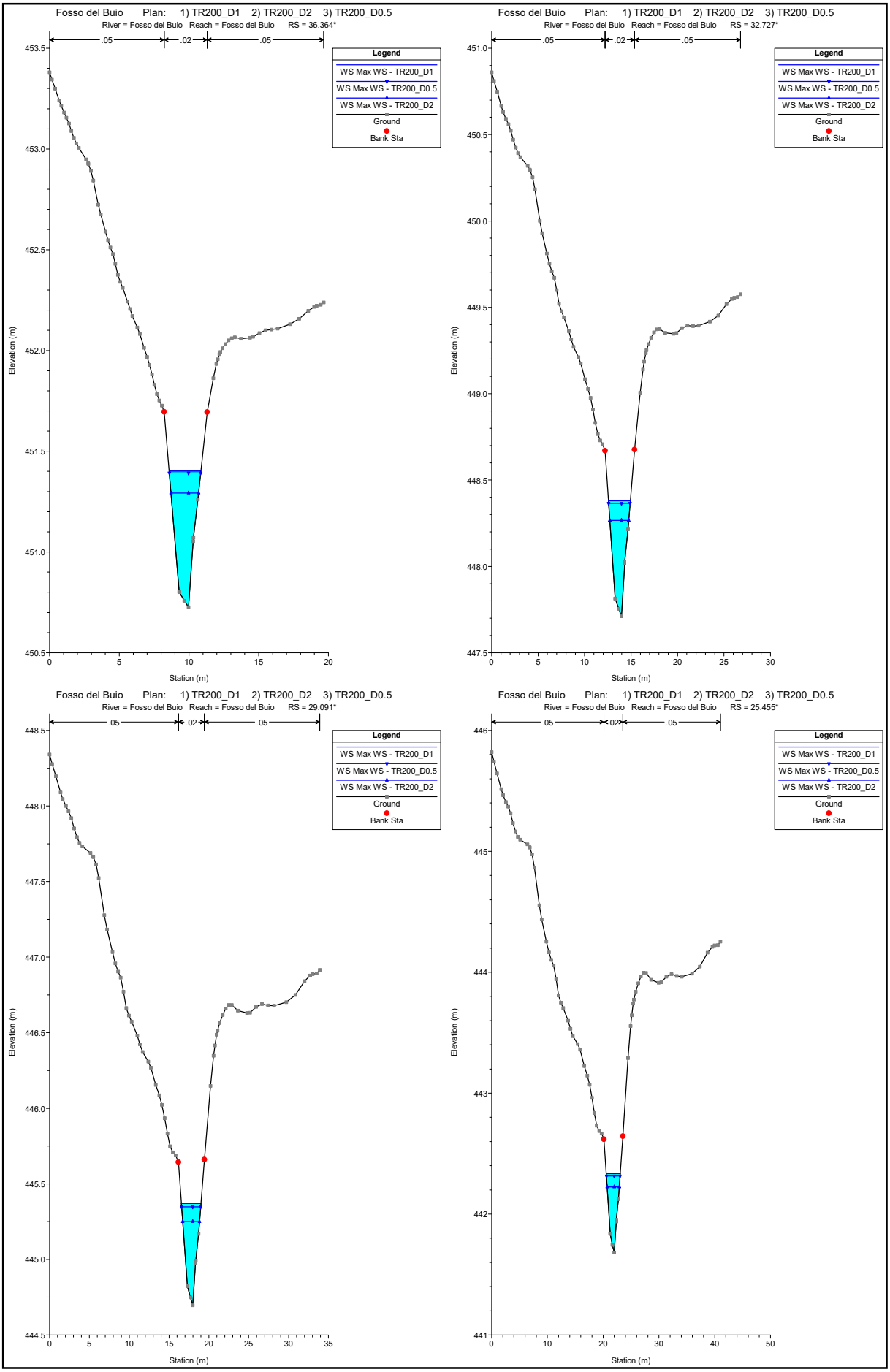

Fosso del Buio Plan: 1) TR200_D1 2) TR200_D2 3) TR200_D0.5
River = Fosso del Buio Reach = Fosso del Buio RS = 100 FBU-08
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Buio Plan: 1) TR200_D1 2) TR200_D2 3) TR200_D0.5
River = Fosso del Buio Reach = Fosso del Buio RS = 90 Culv
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Buio Plan: 1) TR200_D1 2) TR200_D2 3) TR200_D0.5
River = Fosso del Buio Reach = Fosso del Buio RS = 90 Culv
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Buio Plan: 1) TR200_D1 2) TR200_D2 3) TR200_D0.5
River = Fosso del Buio Reach = Fosso del Buio RS = 80 FBU-07
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

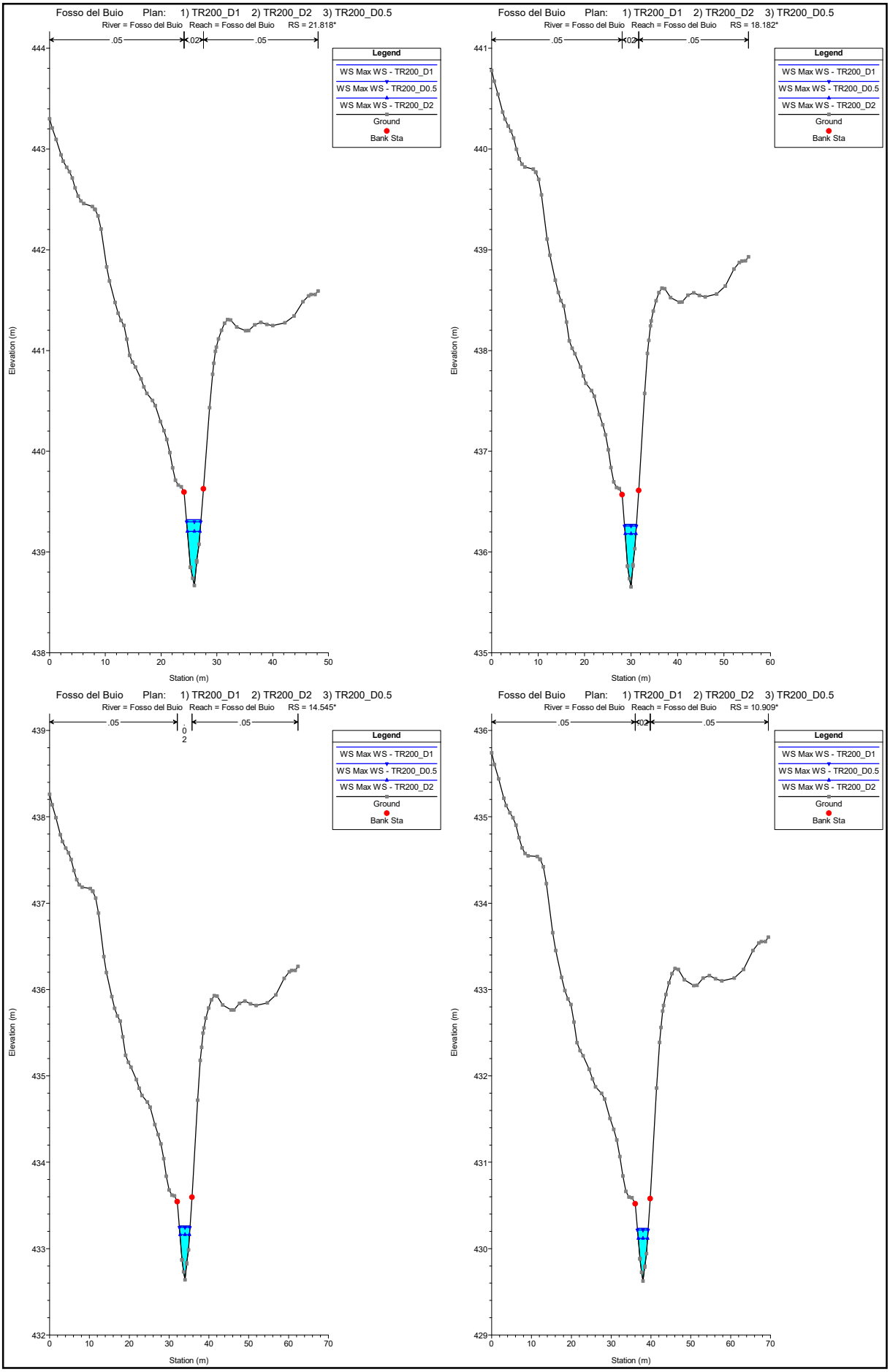

Fosso del Buio Plan: 1) TR200_D1 2) TR200_D2 3) TR200_D0.5
River = Fosso del Buio Reach = Fosso del Buio RS = 77.500*
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Buio Plan: 1) TR200_D1 2) TR200_D2 3) TR200_D0.5
River = Fosso del Buio Reach = Fosso del Buio RS = 75 FBU-06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Buio Plan: 1) TR200_D1 2) TR200_D2 3) TR200_D0.5
River = Fosso del Buio Reach = Fosso del Buio RS = 70 FBU-05
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Buio Plan: 1) TR200_D1 2) TR200_D2 3) TR200_D0.5
River = Fosso del Buio Reach = Fosso del Buio RS = 65.000*
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

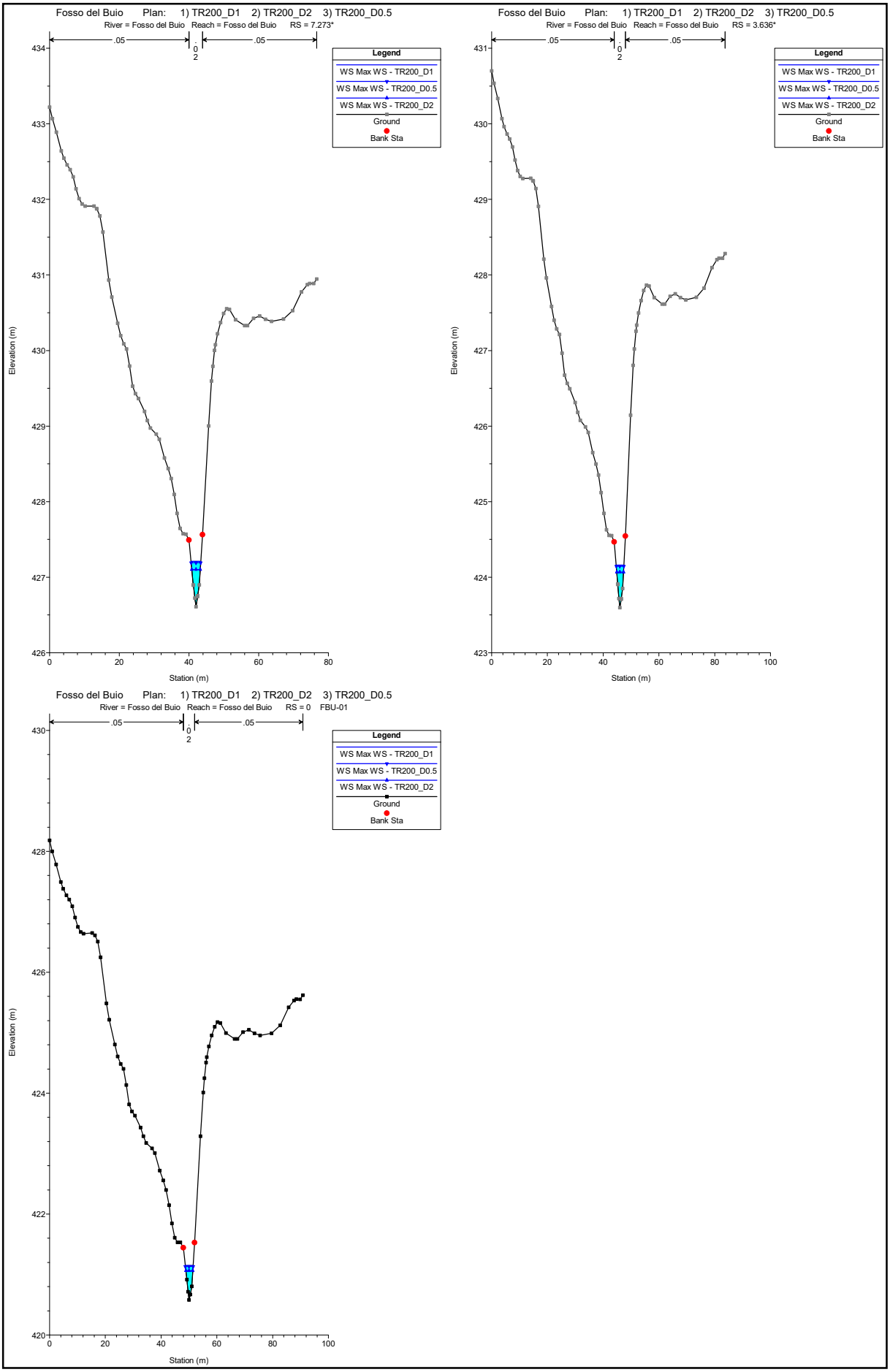

Fosso del Buio Plan: 1) TR200_D1 2) TR200_D2 3) TR200_D0.5
River = Fosso del Buio Reach = Fosso del Buio RS = 60.000*
.05
.02
.05
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Buio Plan: 1) TR200_D1 2) TR200_D2 3) TR200_D0.5
River = Fosso del Buio Reach = Fosso del Buio RS = 55.000*
.05
.02
.05
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Buio Plan: 1) TR200_D1 2) TR200_D2 3) TR200_D0.5
River = Fosso del Buio Reach = Fosso del Buio RS = 50 FBU-04
.05
.02
.05
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Buio Plan: 1) TR200_D1 2) TR200_D2 3) TR200_D0.5
River = Fosso del Buio Reach = Fosso del Buio RS = 47 IS
.05
.02
.05
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Fosso del Buio Plan: 1) TR200_D1 2) TR200_D2 3) TR200_D0.5
River = Fosso del Buio Reach = Fosso del Buio RS = 45 FBU-03
.05 .02 .05
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Buio Plan: 1) TR200_D1 2) TR200_D2 3) TR200_D0.5
River = Fosso del Buio Reach = Fosso del Buio RS = 44.286*
.05 .02 .05
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Buio Plan: 1) TR200_D1 2) TR200_D2 3) TR200_D0.5
River = Fosso del Buio Reach = Fosso del Buio RS = 43.571*
.05 .02 .05
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Buio Plan: 1) TR200_D1 2) TR200_D2 3) TR200_D0.5
River = Fosso del Buio Reach = Fosso del Buio RS = 42.857*
.05 .02 .05
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Fosso del Buio Plan: 1) TR200_D1 2) TR200_D2 3) TR200_D0.5
River = Fosso del Buio Reach = Fosso del Buio RS = 42.143*
.05 .02 .05
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Buio Plan: 1) TR200_D1 2) TR200_D2 3) TR200_D0.5
River = Fosso del Buio Reach = Fosso del Buio RS = 41.429*
.05 .02 .05
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Buio Plan: 1) TR200_D1 2) TR200_D2 3) TR200_D0.5
River = Fosso del Buio Reach = Fosso del Buio RS = 40.714*
.05 .02 .05
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Buio Plan: 1) TR200_D1 2) TR200_D2 3) TR200_D0.5
River = Fosso del Buio Reach = Fosso del Buio RS = 40 FBU-02
.05 .02 .05
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Fosso del Buio Plan: 1) TR200_D1 2) TR200_D2 3) TR200_D0.5
River = Fosso del Buio Reach = Fosso del Buio RS = 36.364*
.05
.02
.05
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Buio Plan: 1) TR200_D1 2) TR200_D2 3) TR200_D0.5
River = Fosso del Buio Reach = Fosso del Buio RS = 32.727*
.05
.02
.05
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Buio Plan: 1) TR200_D1 2) TR200_D2 3) TR200_D0.5
River = Fosso del Buio Reach = Fosso del Buio RS = 29.091*
.05
.02
.05
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Buio Plan: 1) TR200_D1 2) TR200_D2 3) TR200_D0.5
River = Fosso del Buio Reach = Fosso del Buio RS = 25.455*
.05
.02
.05
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Fosso del Buio Plan: 1) TR200_D1 2) TR200_D2 3) TR200_D0.5
River = Fosso del Buio Reach = Fosso del Buio RS = 21.818*
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Buio Plan: 1) TR200_D1 2) TR200_D2 3) TR200_D0.5
River = Fosso del Buio Reach = Fosso del Buio RS = 18.182*
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Buio Plan: 1) TR200_D1 2) TR200_D2 3) TR200_D0.5
River = Fosso del Buio Reach = Fosso del Buio RS = 14.545*
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Buio Plan: 1) TR200_D1 2) TR200_D2 3) TR200_D0.5
River = Fosso del Buio Reach = Fosso del Buio RS = 10.909*
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Fosso del Buio Plan: 1) TR200_D1 2) TR200_D2 3) TR200_D0.5
River = Fosso del Buio Reach = Fosso del Buio RS = 7.273*
.05
.05
0
2
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Buio Plan: 1) TR200_D1 2) TR200_D2 3) TR200_D0.5
River = Fosso del Buio Reach = Fosso del Buio RS = 3.636*
Fosso del Buio Plan: 1) TR200_D1 2) TR200_D2 3) TR200_D0.5
River = Fosso del Buio Reach = Fosso del Buio RS = 0 FBU-01

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "FOSSO DEL BUIO"

FOSSO DEL BUIO

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 0.5, 1 e 2h

Dati idraulici

HEC-RAS River: Fosso del Buio Reach: Fosso del Buio Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Fosso del Buio	200	Max WS	TR200_D1	9.00	494.48	494.91	495.37	497.89	0.148580	7.64			1.18	4.62	4.83
Fosso del Buio	200	Max WS	TR200_D2	5.90	494.48	494.84	495.21	497.29	0.157909	6.94			0.85	4.04	4.83
Fosso del Buio	200	Max WS	TR200_D0.5	8.90	494.48	494.91	495.36	497.87	0.148203	7.61			1.17	4.60	4.82
Fosso del Buio	183.33*	Max WS	TR200_D1	9.00	491.94	492.47	492.87	494.28	0.065905	5.96			1.51	4.61	3.33
Fosso del Buio	183.33*	Max WS	TR200_D2	5.90	491.94	492.38	492.70	493.74	0.063365	5.16			1.14	4.23	3.17
Fosso del Buio	183.33*	Max WS	TR200_D0.5	8.89	491.94	492.47	492.86	494.26	0.065592	5.93			1.50	4.60	3.32
Fosso del Buio	166.67*	Max WS	TR200_D1	8.99	489.40	489.85	490.39	493.59	0.163966	8.56			1.05	3.69	5.12
Fosso del Buio	166.67*	Max WS	TR200_D2	5.90	489.40	489.77	490.21	492.73	0.170512	7.62			0.77	3.36	5.06
Fosso del Buio	166.67*	Max WS	TR200_D0.5	8.89	489.40	489.85	490.39	493.56	0.164167	8.53			1.04	3.68	5.12
Fosso del Buio	150	Max WS	TR200_D1	8.99	486.86	487.38	487.74	489.15	0.053664	6.43	1.48	1.42	2.19	8.50	3.16
Fosso del Buio	150	Max WS	TR200_D2	5.90	486.86	487.30	487.59	488.68	0.051449	5.51	1.05	1.13	1.55	7.88	2.99
Fosso del Buio	150	Max WS	TR200_D0.5	8.88	486.86	487.37	487.74	489.14	0.053435	6.40	1.47	1.41	2.17	8.49	3.15
Fosso del Buio	142.50*	Max WS	TR200_D1	8.99	486.08	486.63	487.00	488.29	0.043592	6.03	1.24	1.15	2.13	7.92	2.88
Fosso del Buio	142.50*	Max WS	TR200_D2	5.90	486.08	486.53	486.84	487.99	0.051671	5.49	0.90	0.93	1.36	6.73	3.00
Fosso del Buio	142.50*	Max WS	TR200_D0.5	8.87	486.08	486.63	487.00	488.28	0.043883	6.01	1.23	1.14	2.10	7.89	2.88
Fosso del Buio	135	Max WS	TR200_D1	8.98	485.30	486.28	486.22	486.51	0.002979	2.44	0.66	0.50	6.27	10.93	0.84
Fosso del Buio	135	Max WS	TR200_D2	5.90	485.30	486.12	486.06	486.30	0.002874	2.09	0.53	0.40	4.58	10.14	0.80
Fosso del Buio	135	Max WS	TR200_D0.5	8.86	485.30	486.27	486.21	486.51	0.002975	2.43	0.65	0.49	6.21	10.91	0.84
Fosso del Buio	132			Inl Struct											
Fosso del Buio	130	Max WS	TR200_D1	8.98	481.70	482.80	482.94	483.43	0.006838	3.60	0.69	0.62	2.98	4.71	1.23
Fosso del Buio	130	Max WS	TR200_D2	5.90	481.70	482.58	482.71	483.10	0.007827	3.20	0.52	0.52	2.05	4.05	1.26
Fosso del Buio	130	Max WS	TR200_D0.5	8.86	481.70	482.79	482.93	483.42	0.006852	3.59	0.68	0.62	2.95	4.69	1.23
Fosso del Buio	129.50*	Max WS	TR200_D1	8.98	481.66	482.78	482.85	483.29	0.005009	3.23	0.65	0.58	3.43	5.19	1.08
Fosso del Buio	129.50*	Max WS	TR200_D2	5.90	481.66	482.57	482.62	482.97	0.005488	2.84	0.50	0.48	2.39	4.55	1.08
Fosso del Buio	129.50*	Max WS	TR200_D0.5	8.86	481.66	482.78	482.84	483.28	0.005012	3.22	0.65	0.58	3.39	5.16	1.08
Fosso del Buio	129.00*	Max WS	TR200_D1	8.98	481.63	482.78	482.76	483.17	0.003666	2.89	0.61	0.54	3.96	5.75	0.94
Fosso del Buio	129.00*	Max WS	TR200_D2	5.90	481.63	482.56	482.54	482.87	0.003827	2.50	0.49	0.45	2.81	5.02	0.92
Fosso del Buio	129.00*	Max WS	TR200_D0.5	8.86	481.63	482.77	482.75	483.16	0.003669	2.88	0.61	0.54	3.92	5.72	0.94
Fosso del Buio	128.50*	Max WS	TR200_D1	8.98	481.59	482.77		483.08	0.002704	2.59	0.57	0.50	4.57	6.33	0.82
Fosso del Buio	128.50*	Max WS	TR200_D2	5.90	481.59	482.56		482.79	0.002699	2.21	0.46	0.41	3.29	5.57	0.79
Fosso del Buio	128.50*	Max WS	TR200_D0.5	8.86	481.59	482.76		483.07	0.002702	2.58	0.57	0.50	4.52	6.30	0.82
Fosso del Buio	128	Max WS	TR200_D1	8.98	481.56	482.78	482.58	483.02	0.001909	2.28	0.53	0.46	5.37	7.00	0.70
Fosso del Buio	128	Max WS	TR200_D2	5.90	481.56	482.56	482.38	482.74	0.001832	1.93	0.43	0.38	3.93	6.20	0.66
Fosso del Buio	128	Max WS	TR200_D0.5	8.86	481.56	482.77	482.57	483.01	0.001907	2.27	0.52	0.46	5.31	6.97	0.70
Fosso del Buio	125			Inl Struct											
Fosso del Buio	120	Max WS	TR200_D1	8.98	476.67	479.66		479.67	0.000021	0.48	0.03	0.02	19.88	9.37	0.09
Fosso del Buio	120	Max WS	TR200_D2	5.90	476.67	479.47		479.48	0.000012	0.34	0.02	0.02	18.31	7.77	0.06
Fosso del Buio	120	Max WS	TR200_D0.5	8.86	476.67	479.66		479.67	0.000021	0.48	0.03	0.02	19.80	9.21	0.09
Fosso del Buio	119.99			Lat Struct											
Fosso del Buio	119.98			Lat Struct											
Fosso del Buio	113.33*	Max WS	TR200_D1	8.91	476.65	479.66		479.68	0.000019	0.46	0.02	0.03	20.50	9.66	0.08
Fosso del Buio	113.33*	Max WS	TR200_D2	5.90	476.65	479.47		479.48	0.000011	0.33	0.01	0.01	18.66	9.15	0.06
Fosso del Buio	113.33*	Max WS	TR200_D0.5	8.80	476.65	479.66		479.67	0.000019	0.46	0.02	0.02	20.42	9.66	0.08
Fosso del Buio	106.67*	Max WS	TR200_D1	8.25	476.64	479.67		479.68	0.000015	0.41	0.01	0.02	20.85	8.62	0.08
Fosso del Buio	106.67*	Max WS	TR200_D2	5.77	476.64	479.47		479.48	0.000009	0.31	0.01	0.01	19.23	8.20	0.06
Fosso del Buio	106.67*	Max WS	TR200_D0.5	8.17	476.64	479.66		479.67	0.000015	0.41	0.01	0.02	20.78	8.59	0.07
Fosso del Buio	100	Max WS	TR200_D1	7.22	476.62	479.67		479.68	0.000011	0.35	0.00	0.00	20.80	6.82	0.06
Fosso del Buio	100	Max WS	TR200_D2	5.26	476.62	479.47		479.48	0.000007	0.27	0.00	0.00	19.46	6.82	0.05
Fosso del Buio	100	Max WS	TR200_D0.5	7.13	476.62	479.66		479.67	0.000011	0.34	0.00	0.00	20.75	6.82	0.06
Fosso del Buio	90			Culvert											
Fosso del Buio	80	Max WS	TR200_D1	7.20	470.80	471.31	471.64	472.46	0.022607	4.75	0.03		1.52	3.02	2.14
Fosso del Buio	80	Max WS	TR200_D2	5.26	470.80	471.28	471.48	471.99	0.015498	3.74	0.03		1.41	3.02	1.75
Fosso del Buio	80	Max WS	TR200_D0.5	7.11	470.80	471.31	471.63	472.43	0.022030	4.69	0.03		1.52	3.02	2.11
Fosso del Buio	79.99			Lat Struct											
Fosso del Buio	77.500*	Max WS	TR200_D1	7.18	470.77	471.26	471.61	472.52	0.026477	4.97	0.04		1.44	3.02	2.30
Fosso del Buio	77.500*	Max WS	TR200_D2	5.26	470.77	471.24	471.46	471.98	0.016229	3.79	0.03		1.39	3.02	1.79
Fosso del Buio	77.500*	Max WS	TR200_D0.5	7.09	470.77	471.27	471.61	472.48	0.025428	4.89	0.03		1.45	3.02	2.25
Fosso del Buio	75	Max WS	TR200_D1	7.18	470.75	471.01	471.59	475.68	0.234835	9.57	0.07		0.75	3.02	6.13
Fosso del Buio	75	Max WS	TR200_D2	5.26	470.75	470.96	471.43	474.97	0.276075	8.87	0.06		0.59	3.02	6.40
Fosso del Buio	75	Max WS	TR200_D0.5	7.13	470.75	471.00	471.59	475.78	0.246049	9.68	0.07		0.74	3.02	6.26
Fosso del Buio	70	Max WS	TR200_D1	7.18	470.30	470.75	471.14	472.25	0.035380	5.43	0.03		1.32	3.02	2.62
Fosso del Buio	70	Max WS	TR200_D2	5.26	470.30	470.63	470.98	472.11	0.052433	5.39	0.03		0.98	3.02	3.03
Fosso del Buio	70	Max WS	TR200_D0.5	7.05	470.30	470.73	471.13	472.29	0.038732	5.53	0.03		1.27	3.02	2.72
Fosso del Buio	65.000*	Max WS	TR200_D1	7.18	470.02	470.63	470.85	471.39	0.012968	3.87	0.38	0.18	1.90	3.48	1.65
Fosso del Buio	65.000*	Max WS	TR200_D2	5.26	470.02	470.43	470.70	471.41	0.029798	4.39	0.43	0.19	1.22	3.41	2.33
Fosso del Buio	65.000*	Max WS	TR200_D0.5	7.05	470.02	470.60	470.84	471.42	0.014974	4.01	0.39	0.18	1.80	3.47	1.76
Fosso del Buio	64.98			Lat Struct											
Fosso del Buio	60.000*	Max WS	TR200_D1	7.18	469.73	470.59	470.56	470.93	0.003993	2.62	0.45	0.23	2.95	4.23	0.96
Fosso del Buio	60.000*	Max WS	TR200_D2	5.25	469.73	470.34	470.43	470.75	0.008274	2.88	0.50	0.23	1.91	4.00	1.29
Fosso del Buio	60.000*	Max WS	TR200_D0.5	7.04	469.73	470.55	470.56	470.92	0.004528	2.70	0.46	0.23	2.80	4.20	1.01
Fosso del Buio	55.000*	Max WS	TR200_D1	7.74	469.45	470.57		470.76	0.001598	1.96	0.44	0.28	4.67	5.77	0.63
Fosso del Buio	55.000*	Max WS	TR200_D2	5.77	469.45	470.31		470.51	0.002613	2.03	0.47	0.27	3.22	5.22	0.77
Fosso del Buio	55.000*	Max WS	TR200_D0.5	7.49	469.45	470.54		470.73	0.001714	1.98	0.45	0.28	4.46	5.69	0.65
Fosso del Buio	50	Max WS	TR200_D1	8.88	469.17	470.59	470.09	470.70	0.000743	1.55	0.44	0.30	7.65	6.88	0.45
Fosso del Buio	50	Max WS	TR200_D2	5.96	469.17	470.33	469.94	470.41	0.000759	1.33	0.38	0.27	5.84	6.88	0.43
Fosso del Buio	50	Max WS	TR200_D0.5	8.50	469.17	470.56	470.08	470.66	0.000745	1.52	0.43	0.30	7.43	6.88	0.45
Fosso del Buio	47			Inl Struct											
Fosso del Buio	45	Max WS	TR200_D1	8.88	466.08	466.63	467.28	470.88	0.133063	9.16		1.49	1.00	2.86	4.72

HEC-RAS River: Fosso del Buio Reach: Fosso del Buio Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Fosso del Buio	45	Max WS	TR200_D2	5.96	466.08	466.54	467.07	469.80	0.133379	8.01		1.08	0.76	2.59	4.59
Fosso del Buio	45	Max WS	TR200_D0.5	8.50	466.08	466.62	467.26	470.74	0.132480	9.01		1.44	0.97	2.83	4.70
Fosso del Buio	44.286*	Max WS	TR200_D1	8.87	464.32	464.89	465.54	469.21	0.139608	9.22		1.25	0.98	2.84	4.78
Fosso del Buio	44.286*	Max WS	TR200_D2	5.96	464.32	464.80	465.33	468.12	0.141506	8.08		0.73	0.74	2.55	4.67
Fosso del Buio	44.286*	Max WS	TR200_D0.5	8.50	464.32	464.88	465.52	469.09	0.140404	9.10		1.19	0.95	2.80	4.78
Fosso del Buio	43.571*	Max WS	TR200_D1	8.86	462.56	463.16	463.80	467.18	0.128778	8.88		0.94	1.01	2.83	4.56
Fosso del Buio	43.571*	Max WS	TR200_D2	5.96	462.56	463.07	463.59	466.12	0.128171	7.73		0.24	0.77	2.50	4.41
Fosso del Buio	43.571*	Max WS	TR200_D0.5	8.49	462.56	463.15	463.78	467.06	0.128852	8.76		0.88	0.98	2.79	4.55
Fosso del Buio	43.57			Lat Struct											
Fosso del Buio	42.857*	Max WS	TR200_D1	8.86	460.79	461.42	462.07	465.61	0.142116	9.07		0.41	0.98	2.68	4.71
Fosso del Buio	42.857*	Max WS	TR200_D2	5.95	460.79	461.32	461.86	464.72	0.145508	8.17			0.73	2.31	4.65
Fosso del Buio	42.857*	Max WS	TR200_D0.5	8.49	460.79	461.41	462.04	465.47	0.141607	8.93		0.30	0.95	2.64	4.69
Fosso del Buio	42.143*	Max WS	TR200_D1	8.85	459.03	459.69	460.34	463.58	0.128298	8.73			1.01	2.58	4.45
Fosso del Buio	42.143*	Max WS	TR200_D2	5.94	459.03	459.59	460.12	462.72	0.125774	7.83			0.76	2.25	4.31
Fosso del Buio	42.143*	Max WS	TR200_D0.5	8.49	459.03	459.68	460.31	463.48	0.127824	8.63			0.98	2.55	4.43
Fosso del Buio	41.429*	Max WS	TR200_D1	8.85	457.27	457.93	458.62	462.36	0.149741	9.33			0.95	2.41	4.75
Fosso del Buio	41.429*	Max WS	TR200_D2	5.94	457.27	457.82	458.40	461.51	0.152828	8.50			0.70	2.08	4.69
Fosso del Buio	41.429*	Max WS	TR200_D0.5	8.49	457.27	457.92	458.59	462.26	0.149609	9.23			0.92	2.38	4.73
Fosso del Buio	40.714*	Max WS	TR200_D1	8.84	455.50	456.23	456.90	459.91	0.115209	8.50			1.04	2.44	4.16
Fosso del Buio	40.714*	Max WS	TR200_D2	5.94	455.50	456.11	456.67	459.11	0.114028	7.68			0.77	2.10	4.04
Fosso del Buio	40.714*	Max WS	TR200_D0.5	8.49	455.50	456.21	456.87	459.83	0.115356	8.42			1.01	2.40	4.15
Fosso del Buio	40	Max WS	TR200_D1	8.84	453.74	454.43	455.14	459.30	0.164437	9.78			0.90	2.20	4.87
Fosso del Buio	40	Max WS	TR200_D2	5.94	453.74	454.31	454.96	458.37	0.167423	8.93			0.66	1.88	4.80
Fosso del Buio	40	Max WS	TR200_D0.5	8.49	453.74	454.41	455.12	459.19	0.164579	9.68			0.88	2.16	4.86
Fosso del Buio	36.364*	Max WS	TR200_D1	8.86	450.73	451.40	452.19	456.24	0.164843	9.74			0.91	2.28	4.92
Fosso del Buio	36.364*	Max WS	TR200_D2	5.94	450.73	451.29	451.88	455.23	0.163752	8.79			0.68	1.98	4.80
Fosso del Buio	36.364*	Max WS	TR200_D0.5	8.56	450.73	451.39	452.16	456.14	0.164646	9.65			0.89	2.25	4.91
Fosso del Buio	32.727*	Max WS	TR200_D1	9.01	447.71	448.38	449.09	453.28	0.167988	9.80			0.92	2.36	5.01
Fosso del Buio	32.727*	Max WS	TR200_D2	5.94	447.71	448.27	448.85	452.28	0.171923	8.88			0.67	2.04	4.95
Fosso del Buio	32.727*	Max WS	TR200_D0.5	8.55	447.71	448.37	449.05	453.13	0.168000	9.67			0.88	2.32	5.00
Fosso del Buio	29.091*	Max WS	TR200_D1	9.33	444.70	445.37	446.07	450.20	0.163145	9.73			0.96	2.47	4.99
Fosso del Buio	29.091*	Max WS	TR200_D2	5.94	444.70	445.25	445.82	449.10	0.165268	8.68			0.68	2.13	4.89
Fosso del Buio	29.091*	Max WS	TR200_D0.5	8.54	444.70	445.35	446.02	449.89	0.160080	9.44			0.90	2.41	4.92
Fosso del Buio	25.455*	Max WS	TR200_D1	9.23	441.68	442.34	443.03	447.29	0.172978	9.86			0.94	2.51	5.16
Fosso del Buio	25.455*	Max WS	TR200_D2	5.94	441.68	442.22	442.79	446.18	0.175128	8.80			0.67	2.18	5.06
Fosso del Buio	25.455*	Max WS	TR200_D0.5	8.54	441.68	442.31	442.98	447.06	0.172597	9.65			0.88	2.45	5.13
Fosso del Buio	21.818*	Max WS	TR200_D1	9.14	438.67	439.32	439.99	443.88	0.158028	9.46			0.97	2.61	4.96
Fosso del Buio	21.818*	Max WS	TR200_D2	5.94	438.67	439.20	439.76	443.05	0.172175	8.69			0.68	2.25	5.04
Fosso del Buio	21.818*	Max WS	TR200_D0.5	8.54	438.67	439.30	439.95	443.79	0.162426	9.38			0.91	2.54	5.01
Fosso del Buio	18.182*	Max WS	TR200_D1	9.09	435.65	436.28	436.95	441.28	0.182999	9.91			0.92	2.61	5.33
Fosso del Buio	18.182*	Max WS	TR200_D2	5.94	435.65	436.18	436.73	440.02	0.174473	8.67			0.68	2.31	5.09
Fosso del Buio	18.182*	Max WS	TR200_D0.5	8.54	435.65	436.26	436.92	441.11	0.183564	9.75			0.88	2.56	5.32
Fosso del Buio	14.545*	Max WS	TR200_D1	9.07	432.64	433.26	433.92	437.91	0.168432	9.55			0.95	2.70	5.14
Fosso del Buio	14.545*	Max WS	TR200_D2	5.94	432.64	433.16	433.70	436.88	0.170017	8.54			0.70	2.38	5.04
Fosso del Buio	14.545*	Max WS	TR200_D0.5	8.54	432.64	433.25	433.89	437.73	0.167381	9.38			0.91	2.65	5.11
Fosso del Buio	10.909*	Max WS	TR200_D1	9.04	429.63	430.23	430.88	434.88	0.170884	9.54			0.95	2.74	5.19
Fosso del Buio	10.909*	Max WS	TR200_D2	5.93	429.63	430.12	430.68	434.35	0.206451	9.11			0.65	2.36	5.53
Fosso del Buio	10.909*	Max WS	TR200_D0.5	8.54	429.63	430.21	430.85	434.84	0.177277	9.52			0.90	2.68	5.26
Fosso del Buio	7.273*	Max WS	TR200_D1	9.03	426.61	427.21	427.85	431.76	0.168520	9.44			0.96	2.80	5.16
Fosso del Buio	7.273*	Max WS	TR200_D2	5.93	426.61	427.10	427.65	431.02	0.188155	8.77			0.68	2.43	5.30
Fosso del Buio	7.273*	Max WS	TR200_D0.5	8.53	426.61	427.19	427.82	431.69	0.172999	9.39			0.91	2.74	5.21
Fosso del Buio	3.636*	Max WS	TR200_D1	9.02	423.60	424.16	424.82	429.39	0.206659	10.13			0.89	2.75	5.68
Fosso del Buio	3.636*	Max WS	TR200_D2	5.93	423.60	424.07	424.62	428.22	0.205603	9.03			0.66	2.42	5.53
Fosso del Buio	3.636*	Max WS	TR200_D0.5	8.53	423.60	424.15	424.79	429.26	0.208687	10.01			0.85	2.70	5.69
Fosso del Buio	0	Max WS	TR200_D1	9.00	420.58	421.15	421.79	425.90	0.183381	9.66			0.93	2.83	5.37
Fosso del Buio	0	Max WS	TR200_D2	5.93	420.58	421.06	421.59	424.64	0.168377	8.38			0.71	2.51	5.03
Fosso del Buio	0	Max WS	TR200_D0.5	8.53	420.58	421.13	421.76	425.75	0.183325	9.52			0.90	2.78	5.35

ALLEGATI

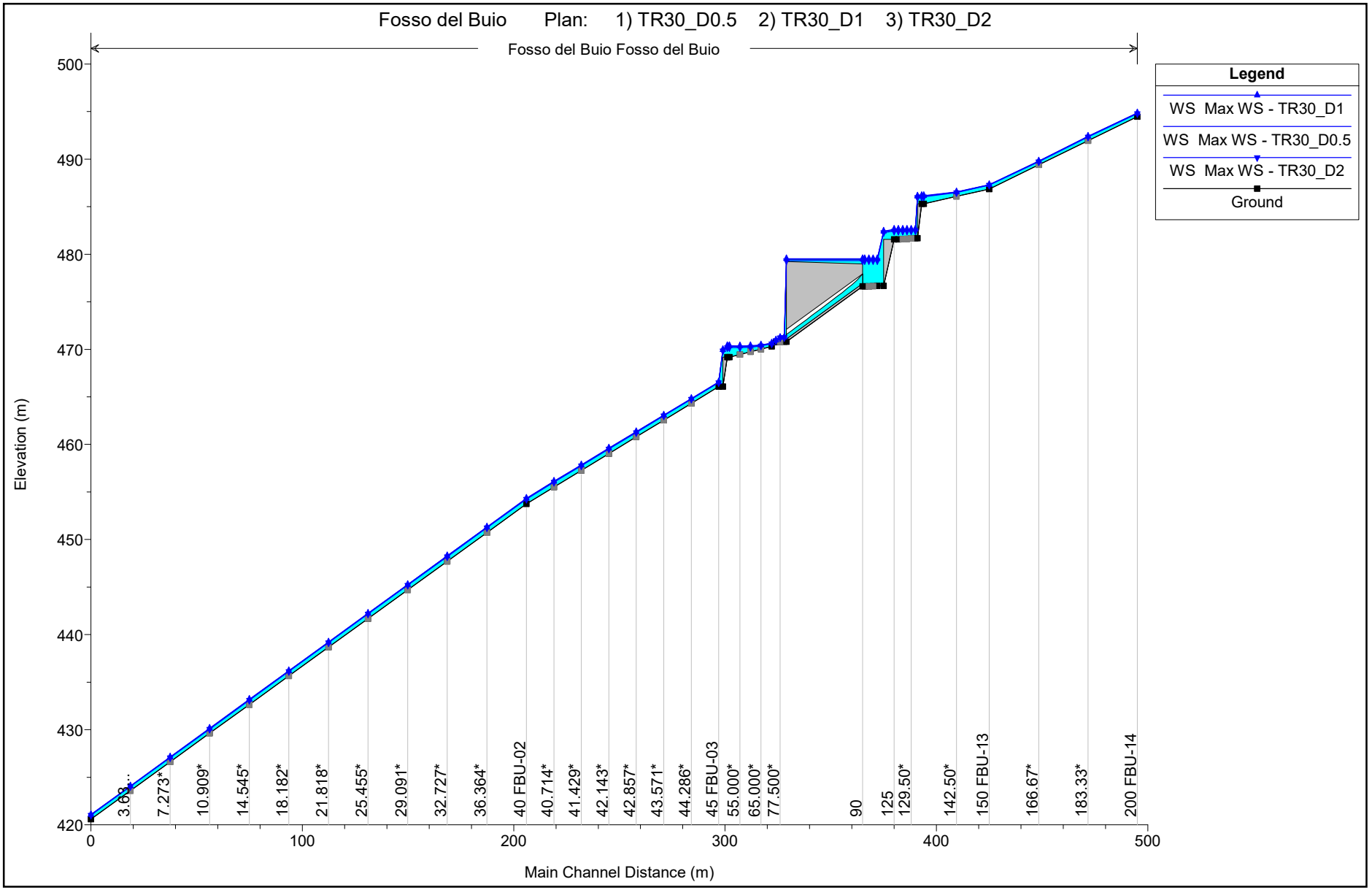
MODELLAZIONE HEC-RAS 5.0.7 "FOSSO DEL BUIO"

FOSSO DEL BUIO

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 0.5, 1 e 2h

Profilo longitudinale


Fosso del Buio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
Fosso del Buio Fosso del Buio
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Elevation (m)
Main Channel Distance (m)
500
490
480
470
460
450
440
430
420
0
100
200
300
400
500
3.63*
7.273*
10.909*
14.545*
18.182*
21.818*
25.455*
29.091*
32.727*
36.364*
40 FBU-02
40.714*
41.429*
42.143*
42.857*
43.571*
44.286*
45 FBU-03
55.000*
65.000*
77.500*
90
125
129.50*
142.50*
150 FBU-13
166.67*
183.33*
200 FBU-14

ALLEGATI

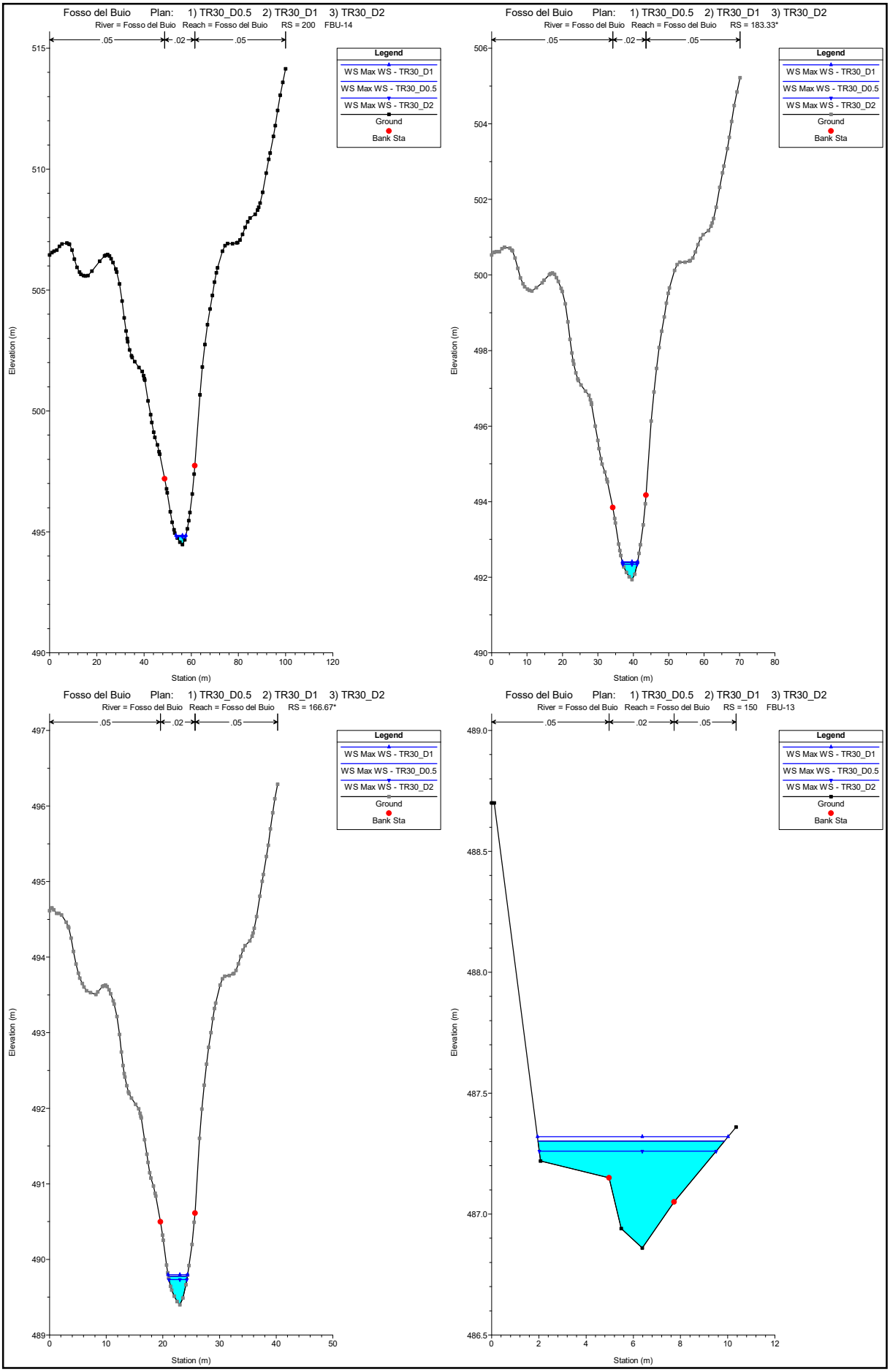
MODELLAZIONE HEC-RAS 5.0.7 "FOSSO DEL BUIO"

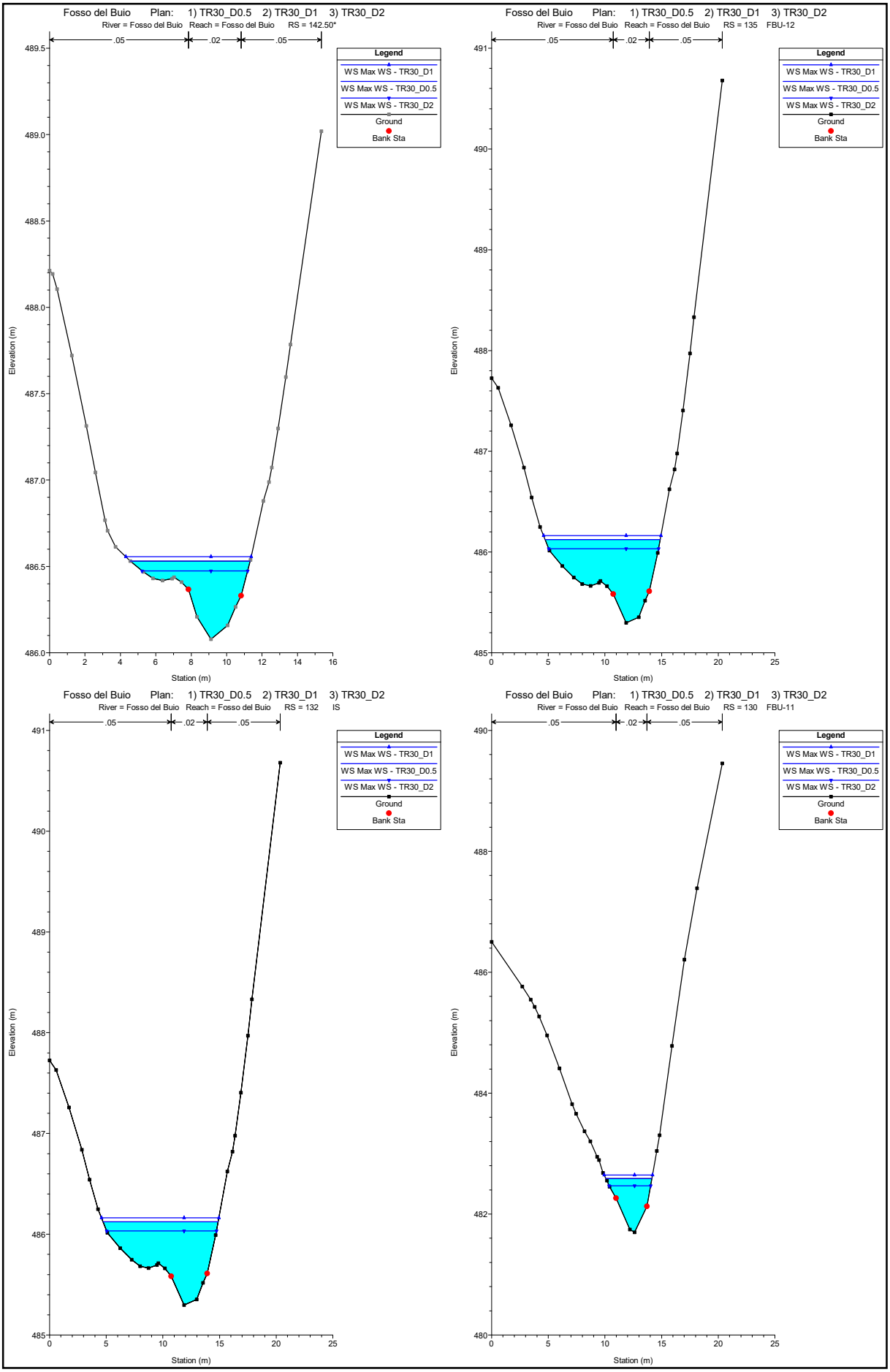
FOSSO DEL BUIO

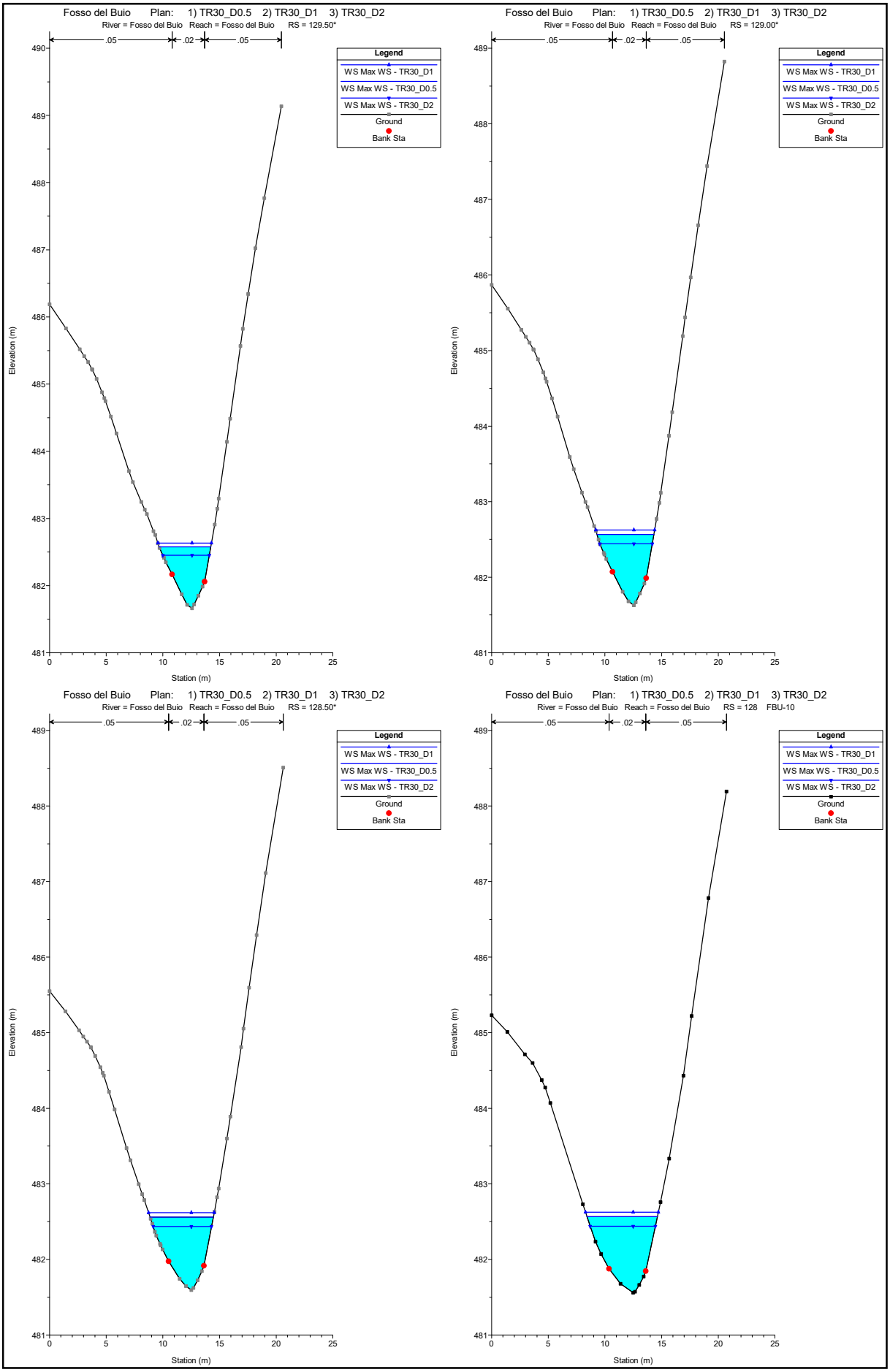
MODELLAZIONE PER TR= 30 anni

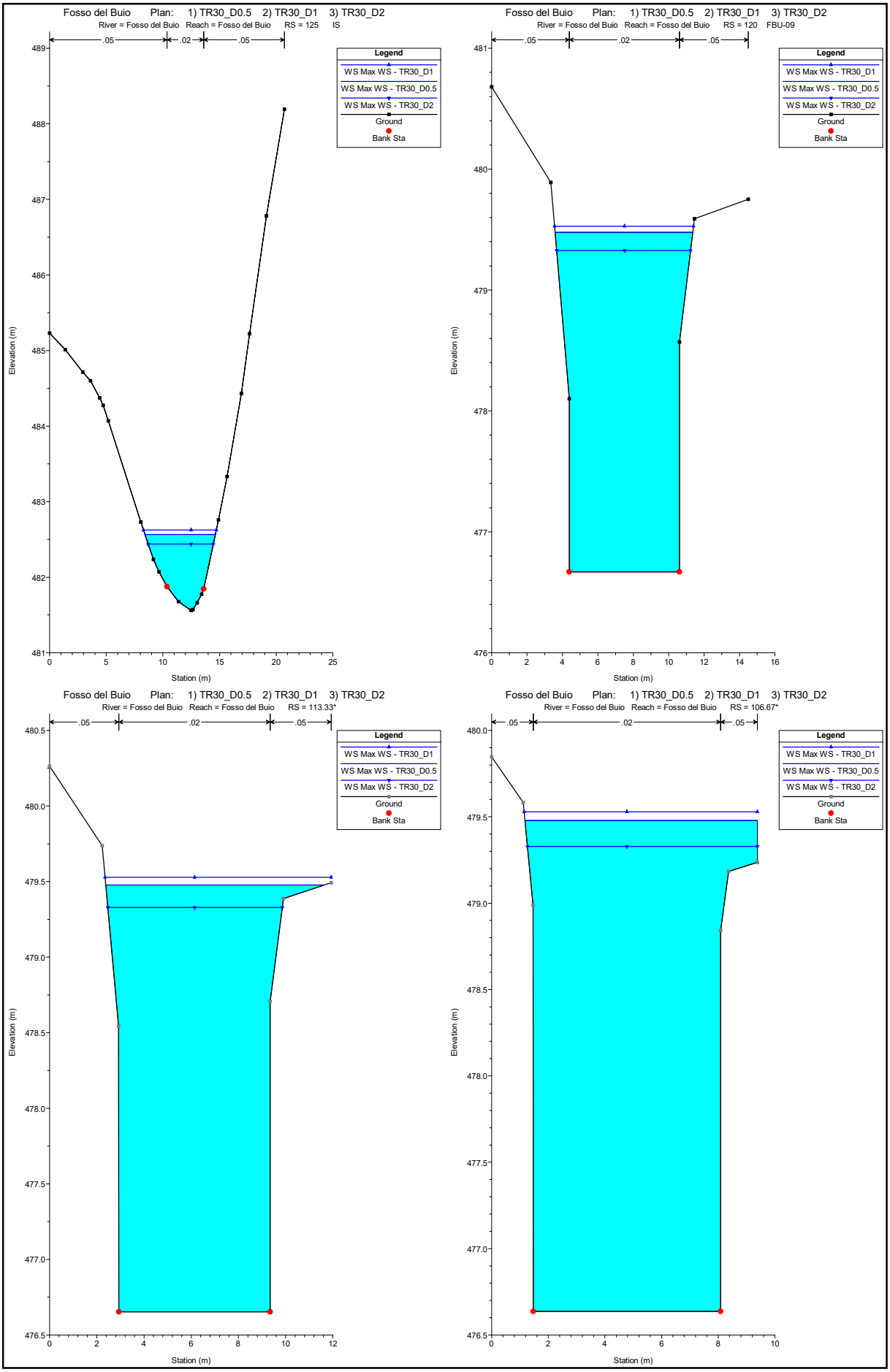
DURATE DI PIOGGIA: 0.5, 1 e 2h

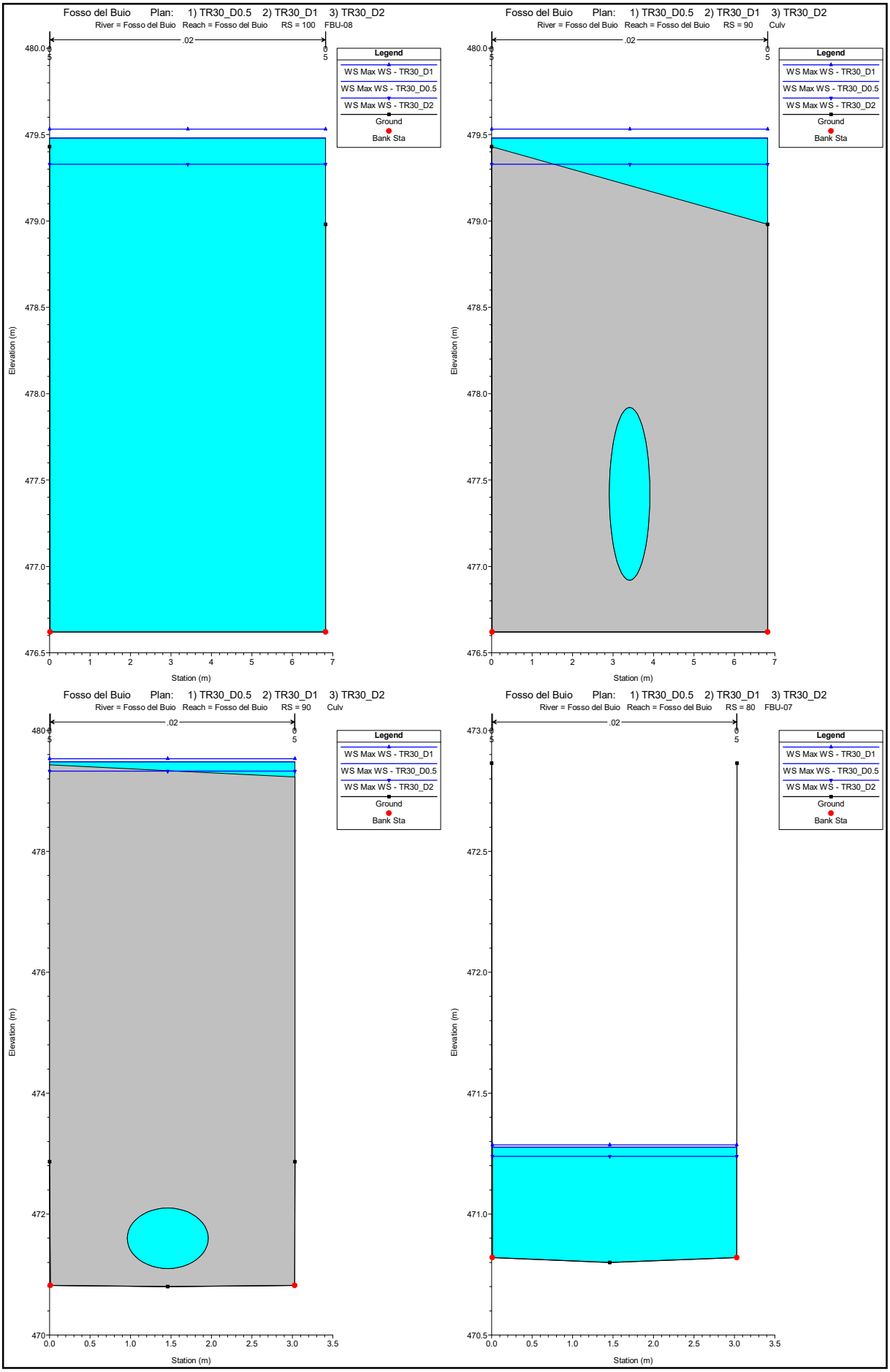
Sezioni Trasversali (da monte verso valle)

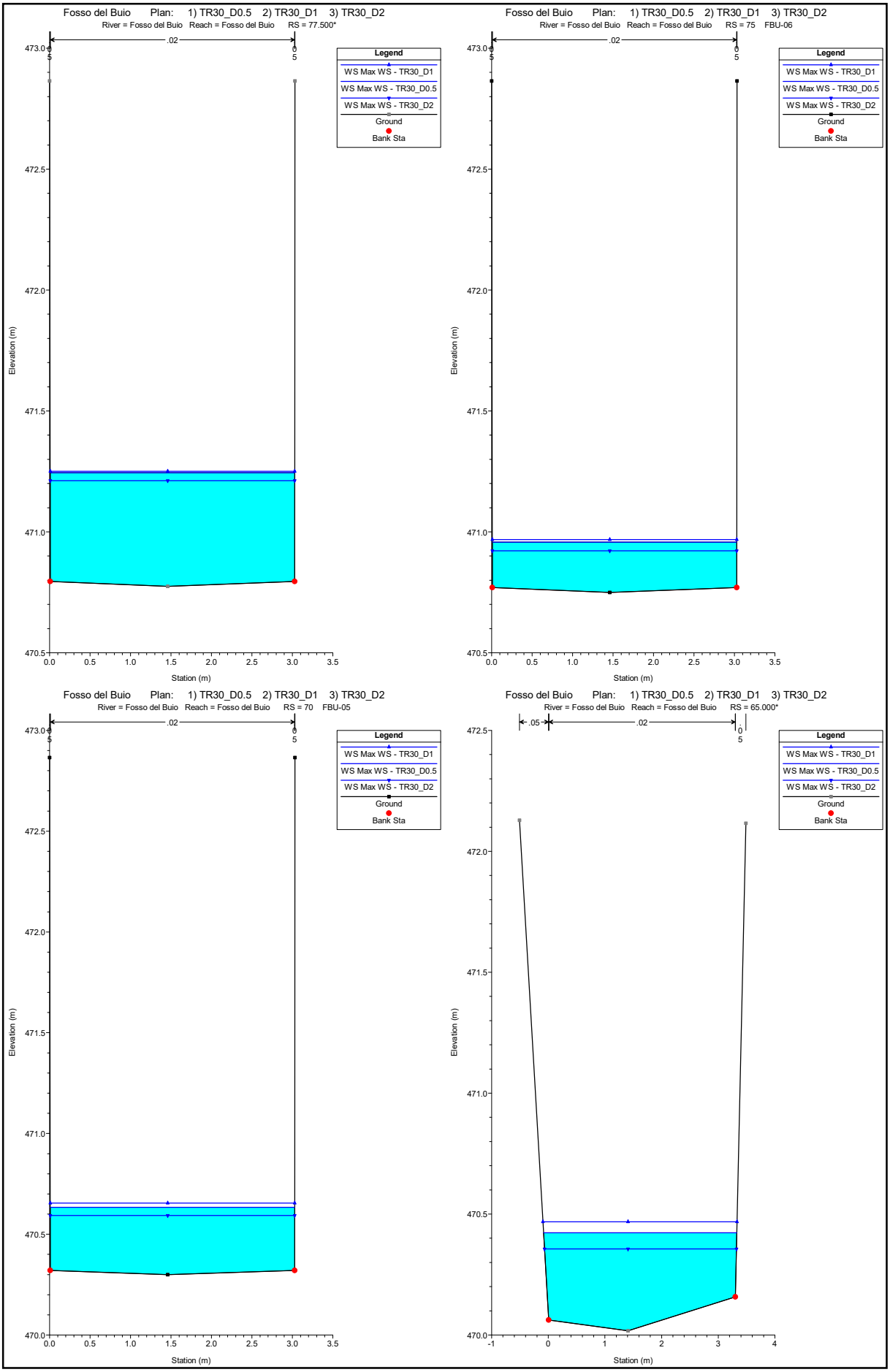

Fosso del Buio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso del Buio Reach = Fosso del Buio RS = 200 FBU-14
.05 .02 .05
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Buio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso del Buio Reach = Fosso del Buio RS = 183.33*
.05 .02 .05
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Buio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso del Buio Reach = Fosso del Buio RS = 166.67*
.05 .02 .05
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Buio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso del Buio Reach = Fosso del Buio RS = 150 FBU-13
.05 .02 .05
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

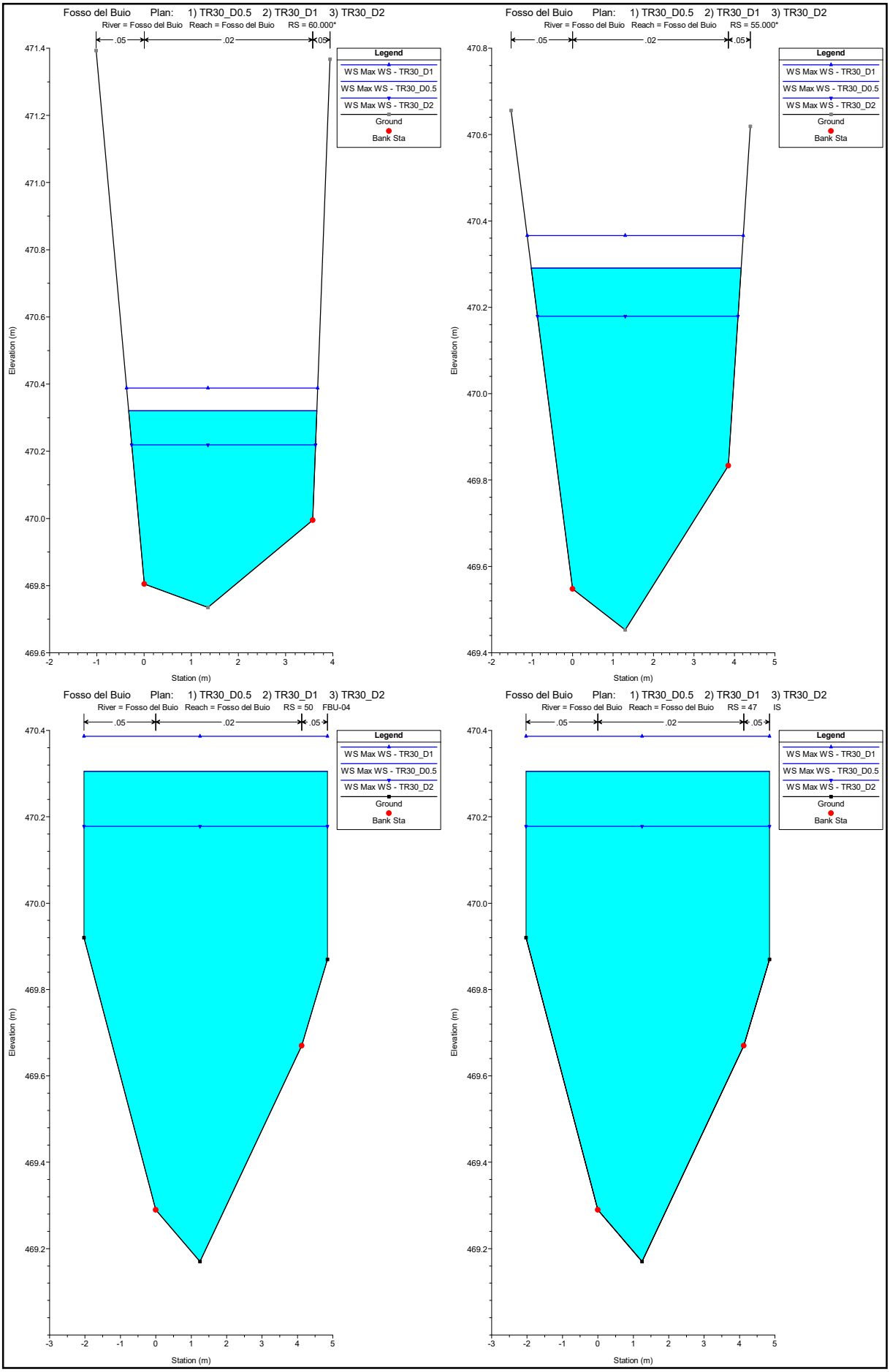

Fosso del Buio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso del Buio Reach = Fosso del Buio RS = 142.50*
.05 .02 .05
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Buio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso del Buio Reach = Fosso del Buio RS = 135 FBU-12
.05 .02 .05
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Buio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso del Buio Reach = Fosso del Buio RS = 132 IS
.05 .02 .05
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Buio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso del Buio Reach = Fosso del Buio RS = 130 FBU-11
.05 .02 .05
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

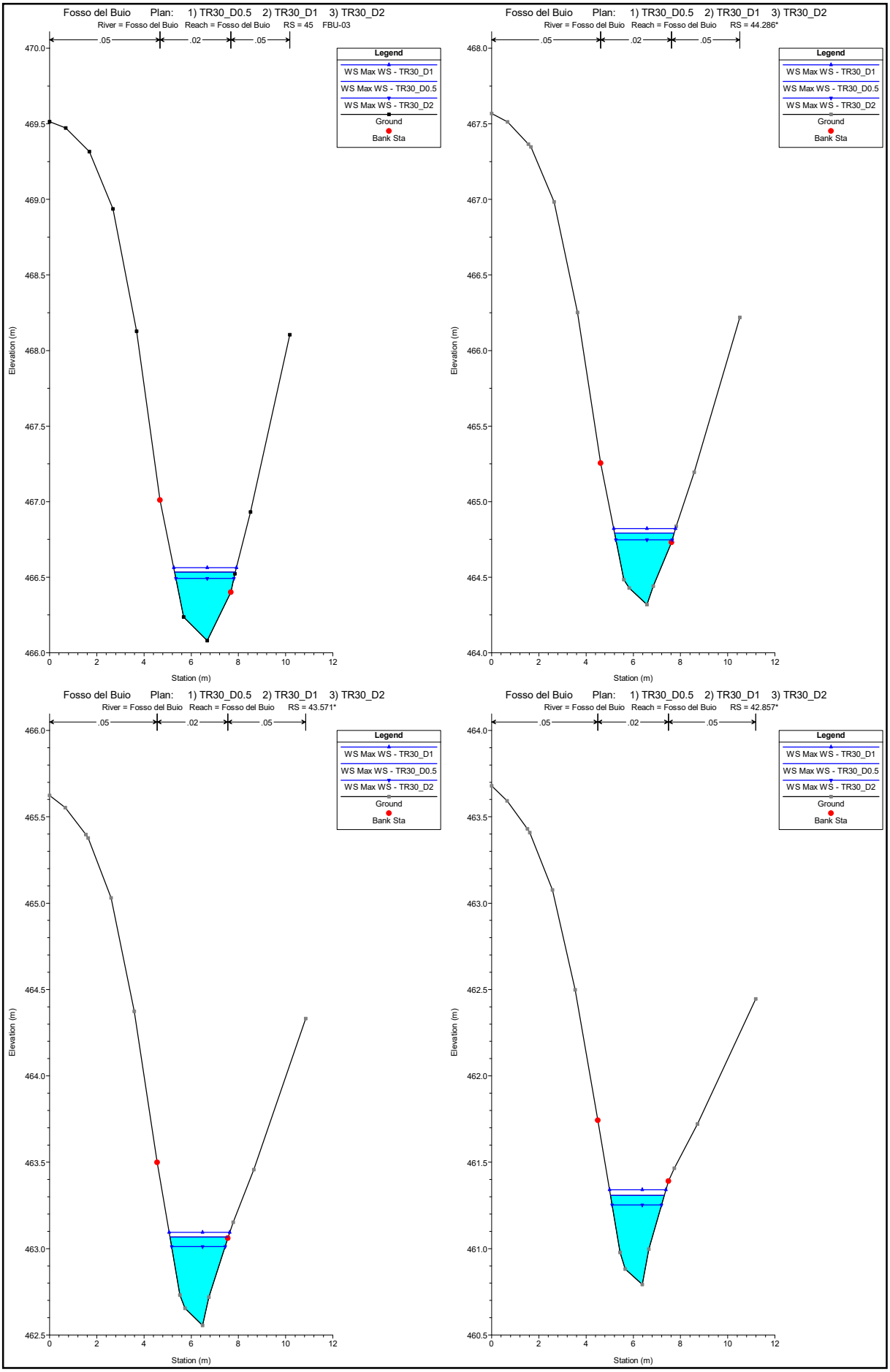

Fosso del Buio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso del Buio Reach = Fosso del Buio RS = 129.50*
.05 .02 .05
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Buio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso del Buio Reach = Fosso del Buio RS = 129.00*
.05 .02 .05
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Buio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso del Buio Reach = Fosso del Buio RS = 128.50*
.05 .02 .05
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Buio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso del Buio Reach = Fosso del Buio RS = 128 FBU-10
.05 .02 .05
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

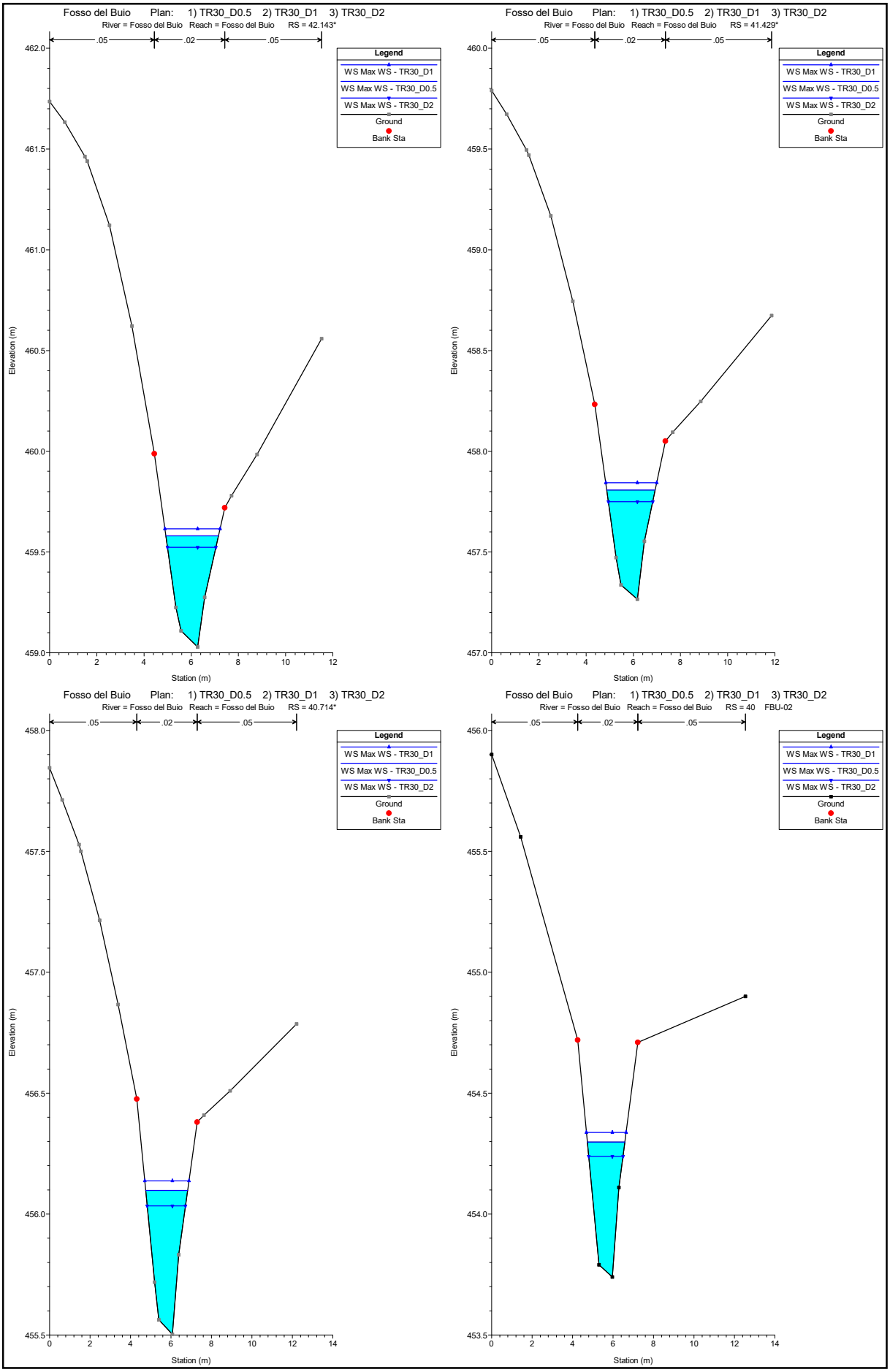

Fosso del Buio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso del Buio Reach = Fosso del Buio RS = 125 IS
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Buio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso del Buio Reach = Fosso del Buio RS = 120 FBU-09
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Buio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso del Buio Reach = Fosso del Buio RS = 113.33*
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Buio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso del Buio Reach = Fosso del Buio RS = 106.67*
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

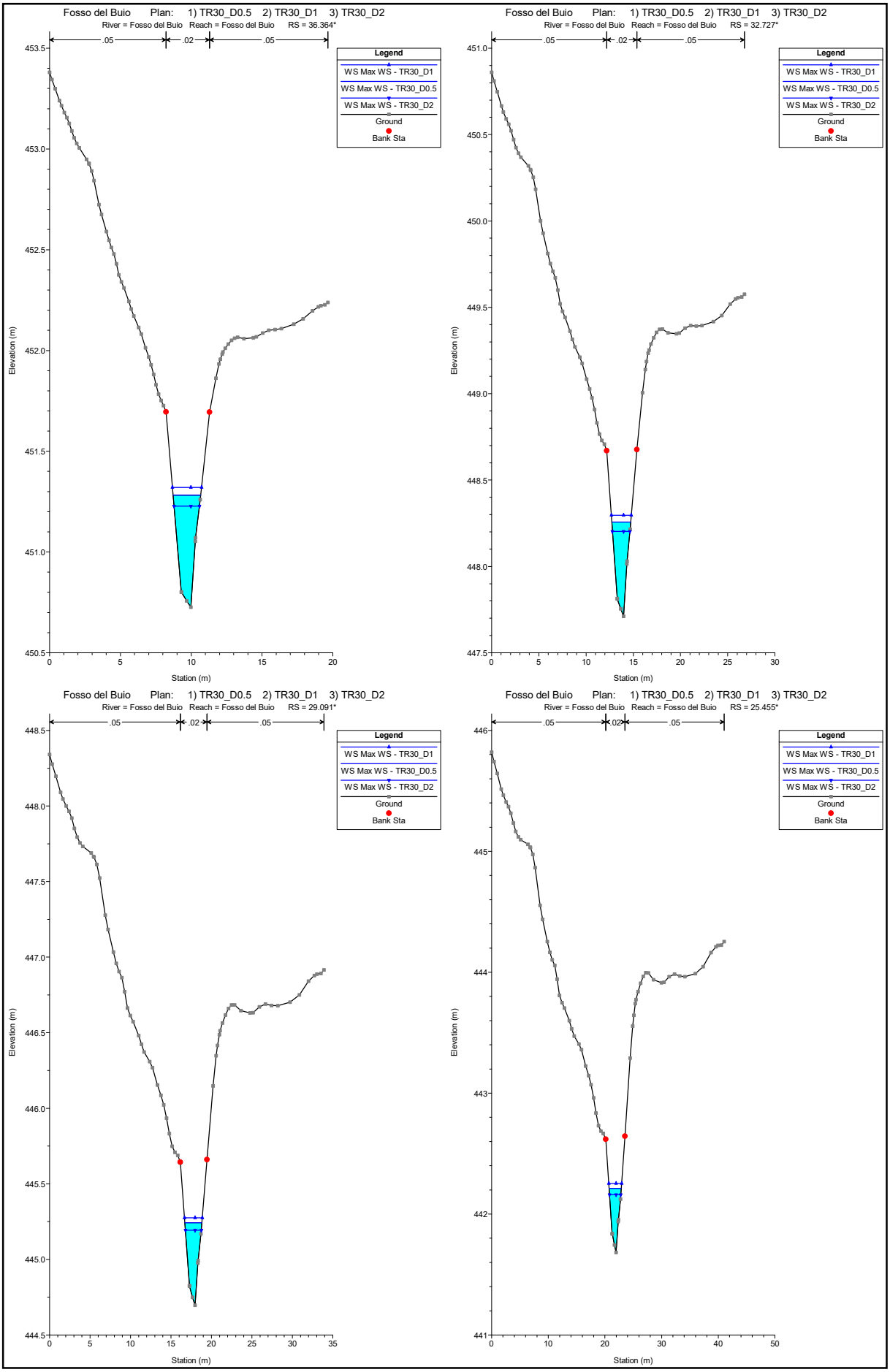

Fosso del Buio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso del Buio Reach = Fosso del Buio RS = 100 FBU-08
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
.02
Elevation (m)
Station (m)
Fosso del Buio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso del Buio Reach = Fosso del Buio RS = 90 Culv
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
.02
Elevation (m)
Station (m)
Fosso del Buio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso del Buio Reach = Fosso del Buio RS = 90 Culv
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
.02
Elevation (m)
Station (m)
Fosso del Buio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso del Buio Reach = Fosso del Buio RS = 80 FBU-07
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
.02
Elevation (m)
Station (m)

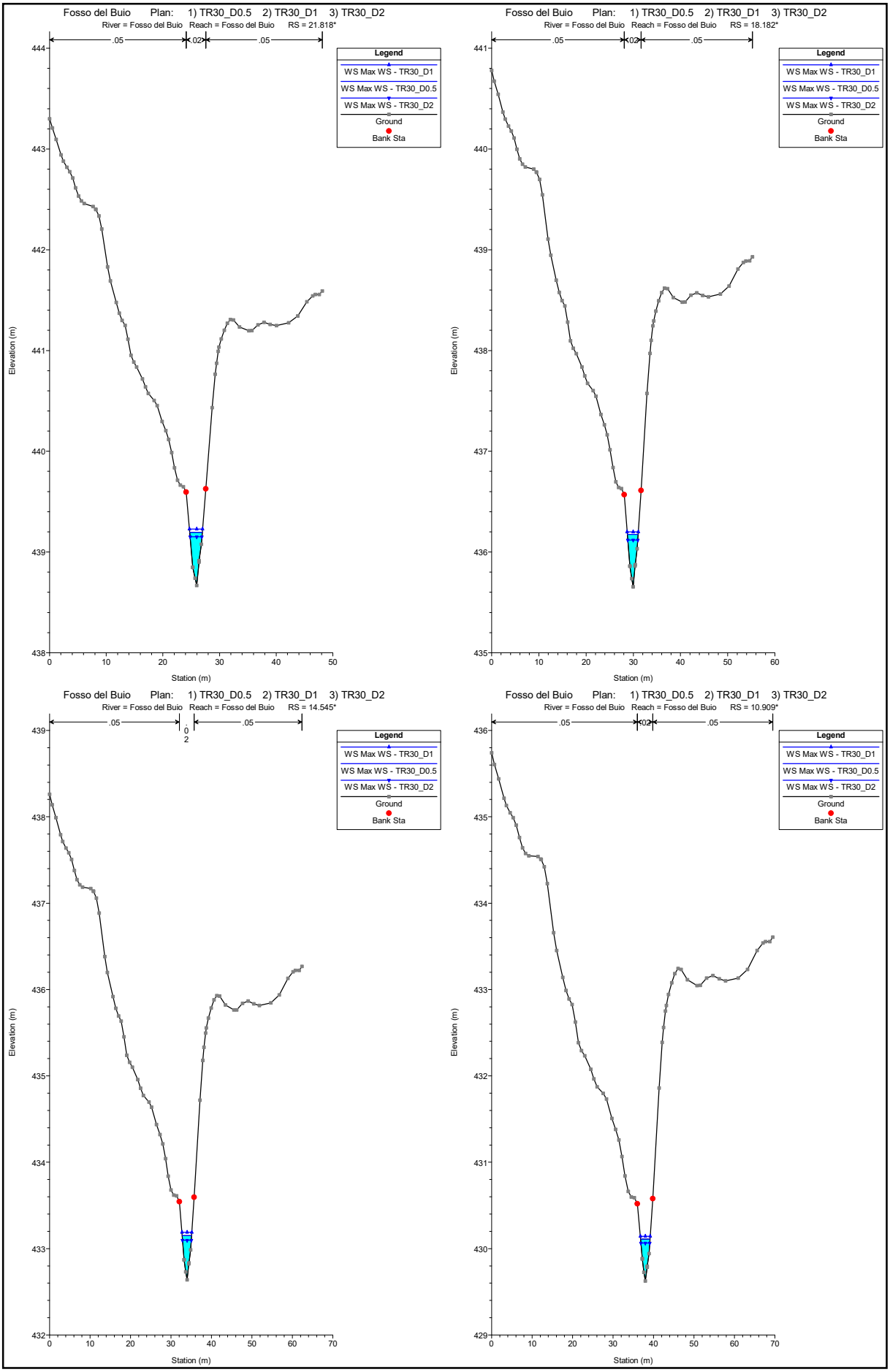

Fosso del Buio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso del Buio Reach = Fosso del Buio RS = 77.500*
.02
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Buio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso del Buio Reach = Fosso del Buio RS = 75 FBU-06
.02
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Buio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso del Buio Reach = Fosso del Buio RS = 70 FBU-05
.02
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Buio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso del Buio Reach = Fosso del Buio RS = 65.000*
.05
.02
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

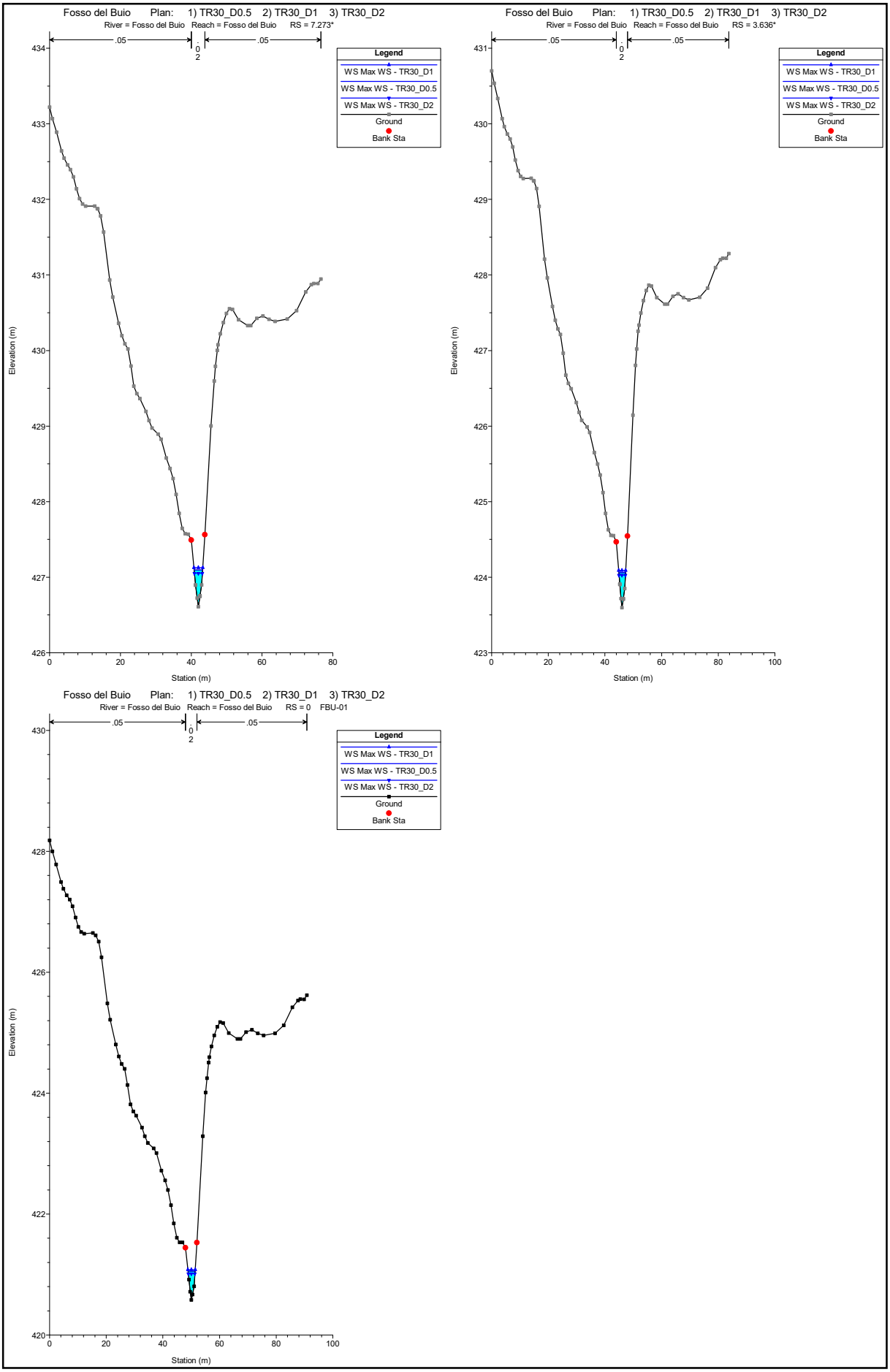

Fosso del Buio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso del Buio Reach = Fosso del Buio RS = 60.000*
.05 .02 .05
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Buio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso del Buio Reach = Fosso del Buio RS = 55.000*
.05 .02 .05
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Buio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso del Buio Reach = Fosso del Buio RS = 50 FBU-04
.05 .02 .05
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Buio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso del Buio Reach = Fosso del Buio RS = 47 IS
.05 .02 .05
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Fosso del Buio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso del Buio Reach = Fosso del Buio RS = 45 FBU-03
.05 .02 .05
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Buio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso del Buio Reach = Fosso del Buio RS = 44.286*
.05 .02 .05
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Buio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso del Buio Reach = Fosso del Buio RS = 43.571*
.05 .02 .05
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Buio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso del Buio Reach = Fosso del Buio RS = 42.857*
.05 .02 .05
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Fosso del Buio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso del Buio Reach = Fosso del Buio RS = 42.143*
.05 .02 .05
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Buio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso del Buio Reach = Fosso del Buio RS = 41.429*
.05 .02 .05
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Buio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso del Buio Reach = Fosso del Buio RS = 40.714*
.05 .02 .05
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Buio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso del Buio Reach = Fosso del Buio RS = 40 FBU-02
.05 .02 .05
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Fosso del Buio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso del Buio Reach = Fosso del Buio RS = 36.364*
.05 .02 .05
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Buio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso del Buio Reach = Fosso del Buio RS = 32.727*
.05 .02 .05
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Buio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso del Buio Reach = Fosso del Buio RS = 29.091*
.05 .02 .05
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Buio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso del Buio Reach = Fosso del Buio RS = 25.455*
.05 .02 .05
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Fosso del Buio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso del Buio Reach = Fosso del Buio RS = 21.818*
.05
.02
.05
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Buio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso del Buio Reach = Fosso del Buio RS = 18.182*
.05
.02
.05
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Buio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso del Buio Reach = Fosso del Buio RS = 14.545*
.05
.02
.05
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Buio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso del Buio Reach = Fosso del Buio RS = 10.909*
.05
.02
.05
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Fosso del Buio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso del Buio Reach = Fosso del Buio RS = 7.273*
.05
.05
0
2
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Buio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso del Buio Reach = Fosso del Buio RS = 3.636*
.05
.05
0
2
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Buio Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso del Buio Reach = Fosso del Buio RS = 0 FBU-01
.05
.05
0
2
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "FOSSO DEL BUIO"

FOSSO DEL BUIO

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 0.5, 1 e 2h

Dati idraulici

HEC-RAS River: Fosso del Buio Reach: Fosso del Buio Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Fosso del Buio	200	Max WS	TR30_D0.5	6.00	494.48	494.84	495.21	497.31	0.157533	6.96			0.86	4.06	4.83
Fosso del Buio	200	Max WS	TR30_D1	6.70	494.48	494.86	495.25	497.46	0.155278	7.15			0.94	4.20	4.83
Fosso del Buio	200	Max WS	TR30_D2	4.50	494.48	494.80	495.12	496.86	0.153975	6.36			0.71	3.77	4.69
Fosso del Buio	183.33*	Max WS	TR30_D0.5	5.99	491.94	492.39	492.70	493.76	0.063269	5.18			1.16	4.25	3.18
Fosso del Buio	183.33*	Max WS	TR30_D1	6.69	491.94	492.41	492.74	493.89	0.064282	5.40			1.24	4.34	3.22
Fosso del Buio	183.33*	Max WS	TR30_D2	4.50	491.94	492.34	492.61	493.46	0.060420	4.68			0.96	4.00	3.05
Fosso del Buio	166.67*	Max WS	TR30_D0.5	5.99	489.40	489.78	490.21	492.76	0.170396	7.65			0.78	3.37	5.07
Fosso del Buio	166.67*	Max WS	TR30_D1	6.69	489.40	489.80	490.26	492.92	0.164540	7.82			0.86	3.46	5.02
Fosso del Buio	166.67*	Max WS	TR30_D2	4.50	489.40	489.73	490.11	492.26	0.172684	7.05			0.64	3.15	5.00
Fosso del Buio	150	Max WS	TR30_D0.5	5.98	486.86	487.30	487.59	488.70	0.051494	5.53	1.06	1.14	1.57	7.91	3.00
Fosso del Buio	150	Max WS	TR30_D1	6.69	486.86	487.32	487.63	488.82	0.052718	5.79	1.18	1.20	1.72	8.08	3.06
Fosso del Buio	150	Max WS	TR30_D2	4.50	486.86	487.26	487.51	488.40	0.048265	4.92	0.77	0.97	1.25	7.49	2.84
Fosso del Buio	142.50*	Max WS	TR30_D0.5	5.98	486.08	486.53	486.85	488.00	0.051548	5.52	0.91	0.93	1.37	6.77	3.00
Fosso del Buio	142.50*	Max WS	TR30_D1	6.69	486.08	486.56	486.89	488.08	0.049363	5.66	1.01	1.00	1.55	7.09	2.97
Fosso del Buio	142.50*	Max WS	TR30_D2	4.50	486.08	486.47	486.76	487.78	0.056247	5.12	0.64	0.78	1.01	5.96	3.04
Fosso del Buio	135	Max WS	TR30_D0.5	5.97	485.30	486.12	486.07	486.31	0.002878	2.10	0.53	0.41	4.62	10.16	0.80
Fosso del Buio	135	Max WS	TR30_D1	6.68	485.30	486.16	486.11	486.36	0.002902	2.19	0.56	0.43	5.03	10.37	0.81
Fosso del Buio	135	Max WS	TR30_D2	4.50	485.30	486.03	485.97	486.19	0.002798	1.89	0.45	0.35	3.72	9.70	0.77
Fosso del Buio	132			Inl Struct											
Fosso del Buio	130	Max WS	TR30_D0.5	5.97	481.70	482.59	482.72	483.11	0.007811	3.22	0.52	0.52	2.07	4.07	1.26
Fosso del Buio	130	Max WS	TR30_D1	6.68	481.70	482.65	482.77	483.19	0.007391	3.30	0.56	0.54	2.30	4.27	1.24
Fosso del Buio	130	Max WS	TR30_D2	4.50	481.70	482.47	482.58	482.92	0.008913	3.00	0.40	0.45	1.60	3.66	1.30
Fosso del Buio	129.50*	Max WS	TR30_D0.5	5.97	481.66	482.58	482.63	482.98	0.005473	2.85	0.51	0.48	2.42	4.56	1.08
Fosso del Buio	129.50*	Max WS	TR30_D1	6.68	481.66	482.63	482.68	483.05	0.005242	2.93	0.55	0.51	2.68	4.73	1.07
Fosso del Buio	129.50*	Max WS	TR30_D2	4.50	481.66	482.45	482.50	482.80	0.006035	2.63	0.42	0.42	1.88	4.10	1.10
Fosso del Buio	129.00*	Max WS	TR30_D0.5	5.97	481.63	482.57	482.55	482.87	0.003823	2.51	0.50	0.45	2.84	5.03	0.92
Fosso del Buio	129.00*	Max WS	TR30_D1	6.68	481.63	482.62	482.60	482.95	0.003715	2.60	0.53	0.47	3.13	5.21	0.92
Fosso del Buio	129.00*	Max WS	TR30_D2	4.50	481.63	482.44	482.42	482.70	0.004064	2.30	0.41	0.39	2.24	4.63	0.92
Fosso del Buio	128.50*	Max WS	TR30_D0.5	5.97	481.59	482.56		482.80	0.002700	2.22	0.47	0.42	3.32	5.59	0.79
Fosso del Buio	128.50*	Max WS	TR30_D1	6.68	481.59	482.62		482.87	0.002659	2.31	0.49	0.44	3.65	5.79	0.79
Fosso del Buio	128.50*	Max WS	TR30_D2	4.50	481.59	482.44		482.63	0.002759	2.01	0.40	0.37	2.65	5.14	0.77
Fosso del Buio	128	Max WS	TR30_D0.5	5.97	481.56	482.57	482.38	482.74	0.001833	1.94	0.43	0.38	3.96	6.22	0.66
Fosso del Buio	128	Max WS	TR30_D1	6.68	481.56	482.62	482.43	482.81	0.001836	2.02	0.46	0.40	4.32	6.43	0.67
Fosso del Buio	128	Max WS	TR30_D2	4.50	481.56	482.44	482.27	482.58	0.001829	1.74	0.38	0.33	3.19	5.75	0.64
Fosso del Buio	125			Inl Struct											
Fosso del Buio	120	Max WS	TR30_D0.5	5.97	476.67	479.48		479.48	0.000012	0.34	0.02	0.02	18.36	7.78	0.07
Fosso del Buio	120	Max WS	TR30_D1	6.67	476.67	479.53		479.53	0.000014	0.37	0.02	0.02	18.75	7.85	0.07
Fosso del Buio	120	Max WS	TR30_D2	4.50	476.67	479.33		479.33	0.000008	0.27	0.02	0.01	17.21	7.56	0.05
Fosso del Buio	119.99			Lat Struct											
Fosso del Buio	119.98			Lat Struct											
Fosso del Buio	113.33*	Max WS	TR30_D0.5	5.97	476.65	479.48		479.48	0.000011	0.33	0.01	0.01	18.71	9.26	0.06
Fosso del Buio	113.33*	Max WS	TR30_D1	6.67	476.65	479.53		479.53	0.000013	0.36	0.02	0.01	19.19	9.58	0.07
Fosso del Buio	113.33*	Max WS	TR30_D2	4.50	476.65	479.33		479.33	0.000007	0.26	0.01	0.01	17.51	7.39	0.05
Fosso del Buio	106.67*	Max WS	TR30_D0.5	5.84	476.64	479.48		479.48	0.000010	0.31	0.01	0.01	19.28	8.20	0.06
Fosso del Buio	106.67*	Max WS	TR30_D1	6.44	476.64	479.53		479.54	0.000011	0.34	0.01	0.02	19.69	8.23	0.06
Fosso del Buio	106.67*	Max WS	TR30_D2	4.49	476.64	479.33		479.33	0.000007	0.25	0.00	0.01	18.05	8.11	0.05
Fosso del Buio	100	Max WS	TR30_D0.5	5.30	476.62	479.48		479.48	0.000007	0.27	0.00	0.00	19.49	6.82	0.05
Fosso del Buio	100	Max WS	TR30_D1	5.77	476.62	479.53		479.54	0.000008	0.29	0.00	0.00	19.85	6.82	0.05
Fosso del Buio	100	Max WS	TR30_D2	4.28	476.62	479.33		479.33	0.000006	0.23	0.00	0.00	18.46	6.82	0.05
Fosso del Buio	90			Culvert											
Fosso del Buio	80	Max WS	TR30_D0.5	5.30	470.80	471.28	471.49	472.00	0.015659	3.76	0.03		1.41	3.02	1.76
Fosso del Buio	80	Max WS	TR30_D1	5.77	470.80	471.29	471.53	472.11	0.017361	4.02	0.03		1.44	3.02	1.86
Fosso del Buio	80	Max WS	TR30_D2	4.28	470.80	471.24	471.40	471.80	0.013526	3.31	0.02		1.30	3.02	1.61
Fosso del Buio	79.99			Lat Struct											
Fosso del Buio	77.500*	Max WS	TR30_D0.5	5.30	470.77	471.24	471.46	471.99	0.016431	3.82	0.03		1.39	3.02	1.80
Fosso del Buio	77.500*	Max WS	TR30_D1	5.77	470.77	471.25	471.50	472.11	0.018683	4.10	0.03		1.41	3.02	1.92
Fosso del Buio	77.500*	Max WS	TR30_D2	4.28	470.77	471.21	471.37	471.77	0.013718	3.32	0.02		1.29	3.02	1.62
Fosso del Buio	75	Max WS	TR30_D0.5	5.30	470.75	470.96	471.44	475.00	0.276377	8.91	0.06		0.60	3.02	6.40
Fosso del Buio	75	Max WS	TR30_D1	5.77	470.75	470.97	471.48	475.27	0.273493	9.18	0.06		0.63	3.02	6.43
Fosso del Buio	75	Max WS	TR30_D2	4.28	470.75	470.92	471.35	474.82	0.345801	8.74	0.06		0.49	3.02	6.93
Fosso del Buio	70	Max WS	TR30_D0.5	5.30	470.30	470.63	470.99	472.14	0.053318	5.44	0.03		0.98	3.02	3.05
Fosso del Buio	70	Max WS	TR30_D1	5.77	470.30	470.65	471.03	472.22	0.050767	5.54	0.03		1.04	3.02	3.01
Fosso del Buio	70	Max WS	TR30_D2	4.28	470.30	470.59	470.90	471.88	0.054338	5.02	0.03		0.85	3.02	3.01
Fosso del Buio	65.000*	Max WS	TR30_D0.5	5.28	470.02	470.42	470.70	471.45	0.032121	4.49	0.44	0.19	1.19	3.41	2.41
Fosso del Buio	65.000*	Max WS	TR30_D1	5.74	470.02	470.47	470.74	471.43	0.025552	4.34	0.43	0.19	1.35	3.43	2.19
Fosso del Buio	65.000*	Max WS	TR30_D2	4.28	470.02	470.36	470.62	471.39	0.042625	4.50	0.45	0.18	0.96	3.39	2.68
Fosso del Buio	64.98			Lat Struct											
Fosso del Buio	60.000*	Max WS	TR30_D0.5	5.27	469.73	470.32	470.43	470.77	0.009196	2.98	0.52	0.23	1.85	3.99	1.36
Fosso del Buio	60.000*	Max WS	TR30_D1	5.67	469.73	470.39	470.46	470.79	0.006892	2.81	0.48	0.23	2.13	4.05	1.20
Fosso del Buio	60.000*	Max WS	TR30_D2	4.28	469.73	470.22	470.35	470.69	0.013119	3.05	0.53	0.22	1.45	3.90	1.56
Fosso del Buio	55.000*	Max WS	TR30_D0.5	5.62	469.45	470.29		470.49	0.002694	2.03	0.47	0.27	3.13	5.19	0.78
Fosso del Buio	55.000*	Max WS	TR30_D1	5.91	469.45	470.37		470.55	0.002100	1.92	0.44	0.26	3.53	5.34	0.70
Fosso del Buio	55.000*	Max WS	TR30_D2	4.42	469.45	470.18		470.36	0.003011	1.91	0.44	0.23	2.56	4.96	0.80
Fosso del Buio	50	Max WS	TR30_D0.5	5.75	469.17	470.31	469.93	470.38	0.000760	1.31	0.38	0.26	5.70	6.88	0.43
Fosso del Buio	50	Max WS	TR30_D1	6.59	469.17	470.39	469.97	470.47	0.000755	1.39	0.40	0.27	6.25	6.88	0.44
Fosso del Buio	50	Max WS	TR30_D2	4.50	469.17	470.18	469.84	470.24	0.000767	1.20	0.34	0.24	4.82	6.88	0.42
Fosso del Buio	47			Inl Struct											
Fosso del Buio	45	Max WS	TR30_D0.5	5.75	466.08	466.53	467.05	469.71	0.133302	7.90		1.04	0.74	2.57	4.57

HEC-RAS River: Fosso del Buio Reach: Fosso del Buio Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Fosso del Buio	45	Max WS	TR30_D1	6.59	466.08	466.56	467.12	470.04	0.132381	8.27		1.18	0.81	2.66	4.61
Fosso del Buio	45	Max WS	TR30_D2	4.50	466.08	466.49	466.94	469.12	0.128990	7.18		0.80	0.63	2.46	4.42
Fosso del Buio	44.286*	Max WS	TR30_D0.5	5.74	464.32	464.79	465.31	468.04	0.142031	7.98		0.67	0.72	2.52	4.66
Fosso del Buio	44.286*	Max WS	TR30_D1	6.59	464.32	464.82	465.38	468.35	0.139328	8.32		0.87	0.80	2.61	4.67
Fosso del Buio	44.286*	Max WS	TR30_D2	4.50	464.32	464.75	465.20	467.49	0.142802	7.33		0.28	0.61	2.38	4.58
Fosso del Buio	43.571*	Max WS	TR30_D0.5	5.74	462.56	463.07	463.57	466.03	0.127958	7.62		0.14	0.75	2.47	4.39
Fosso del Buio	43.571*	Max WS	TR30_D1	6.59	462.56	463.09	463.64	466.38	0.129547	8.03		0.44	0.82	2.57	4.47
Fosso del Buio	43.571*	Max WS	TR30_D2	4.49	462.56	463.01	463.47	465.67	0.132288	7.21			0.62	2.27	4.40
Fosso del Buio	43.57			Lat Struct											
Fosso del Buio	42.857*	Max WS	TR30_D0.5	5.73	460.79	461.31	461.84	464.64	0.145007	8.08			0.71	2.28	4.63
Fosso del Buio	42.857*	Max WS	TR30_D1	6.58	460.79	461.34	461.91	464.94	0.146254	8.40			0.78	2.39	4.69
Fosso del Buio	42.857*	Max WS	TR30_D2	4.49	460.79	461.25	461.73	464.23	0.148144	7.65			0.59	2.10	4.61
Fosso del Buio	42.143*	Max WS	TR30_D0.5	5.73	459.03	459.58	460.10	462.64	0.125405	7.75			0.74	2.23	4.30
Fosso del Buio	42.143*	Max WS	TR30_D1	6.58	459.03	459.62	460.18	462.90	0.125056	8.02			0.82	2.34	4.32
Fosso del Buio	42.143*	Max WS	TR30_D2	4.49	459.03	459.52	460.00	462.21	0.124485	7.26			0.62	2.05	4.22
Fosso del Buio	41.429*	Max WS	TR30_D0.5	5.73	457.27	457.81	458.38	461.43	0.153123	8.43			0.68	2.05	4.68
Fosso del Buio	41.429*	Max WS	TR30_D1	6.58	457.27	457.84	458.44	461.72	0.152747	8.72			0.75	2.16	4.71
Fosso del Buio	41.429*	Max WS	TR30_D2	4.49	457.27	457.75	458.26	460.97	0.153950	7.95			0.57	1.88	4.63
Fosso del Buio	40.714*	Max WS	TR30_D0.5	5.72	455.50	456.10	456.65	459.06	0.114673	7.62			0.75	2.07	4.05
Fosso del Buio	40.714*	Max WS	TR30_D1	6.58	455.50	456.14	456.73	459.30	0.114127	7.88			0.84	2.19	4.07
Fosso del Buio	40.714*	Max WS	TR30_D2	4.49	455.50	456.03	456.52	458.67	0.115231	7.19			0.62	1.89	4.00
Fosso del Buio	40	Max WS	TR30_D0.5	5.72	453.74	454.30	454.95	458.29	0.167593	8.85			0.65	1.85	4.79
Fosso del Buio	40	Max WS	TR30_D1	6.58	453.74	454.34	455.01	458.58	0.165813	9.12			0.72	1.96	4.80
Fosso del Buio	40	Max WS	TR30_D2	4.49	453.74	454.24	454.79	457.75	0.164600	8.29			0.54	1.69	4.68
Fosso del Buio	36.364*	Max WS	TR30_D0.5	5.72	450.73	451.28	451.86	455.15	0.163864	8.70			0.66	1.95	4.79
Fosso del Buio	36.364*	Max WS	TR30_D1	6.59	450.73	451.32	451.93	455.43	0.161884	8.98			0.73	2.05	4.80
Fosso del Buio	36.364*	Max WS	TR30_D2	4.50	450.73	451.23	451.74	454.60	0.160199	8.13			0.55	1.79	4.67
Fosso del Buio	32.727*	Max WS	TR30_D0.5	5.71	447.71	448.26	448.83	452.22	0.173111	8.81			0.65	2.01	4.95
Fosso del Buio	32.727*	Max WS	TR30_D1	6.58	447.71	448.30	448.90	452.45	0.167527	9.03			0.73	2.12	4.92
Fosso del Buio	32.727*	Max WS	TR30_D2	4.49	447.71	448.20	448.72	451.68	0.171902	8.26			0.54	1.86	4.87
Fosso del Buio	29.091*	Max WS	TR30_D0.5	5.71	444.70	445.24	445.80	449.00	0.164804	8.58			0.67	2.11	4.88
Fosso del Buio	29.091*	Max WS	TR30_D1	6.58	444.70	445.28	445.87	449.35	0.165877	8.94			0.74	2.20	4.93
Fosso del Buio	29.091*	Max WS	TR30_D2	4.50	444.70	445.19	445.69	448.42	0.159743	7.96			0.56	1.96	4.74
Fosso del Buio	25.455*	Max WS	TR30_D0.5	5.71	441.68	442.21	442.77	446.12	0.177483	8.75			0.65	2.15	5.08
Fosso del Buio	25.455*	Max WS	TR30_D1	6.59	441.68	442.25	442.84	446.29	0.166817	8.89			0.74	2.27	4.97
Fosso del Buio	25.455*	Max WS	TR30_D2	4.50	441.68	442.16	442.66	445.68	0.183872	8.31			0.54	2.00	5.09
Fosso del Buio	21.818*	Max WS	TR30_D0.5	5.71	438.67	439.20	439.74	442.94	0.170915	8.57			0.67	2.23	5.01
Fosso del Buio	21.818*	Max WS	TR30_D1	6.58	438.67	439.23	439.81	443.32	0.173249	8.96			0.74	2.32	5.08
Fosso del Buio	21.818*	Max WS	TR30_D2	4.50	438.67	439.15	439.63	442.34	0.163624	7.90			0.57	2.10	4.84
Fosso del Buio	18.182*	Max WS	TR30_D0.5	5.70	435.65	436.17	436.71	439.89	0.172476	8.54			0.67	2.29	5.05
Fosso del Buio	18.182*	Max WS	TR30_D1	6.58	435.65	436.20	436.78	440.32	0.178007	8.99			0.73	2.38	5.17
Fosso del Buio	18.182*	Max WS	TR30_D2	4.50	435.65	436.12	436.60	439.59	0.188559	8.25			0.55	2.12	5.19
Fosso del Buio	14.545*	Max WS	TR30_D0.5	5.70	432.64	433.15	433.69	436.84	0.173786	8.51			0.67	2.34	5.08
Fosso del Buio	14.545*	Max WS	TR30_D1	6.58	432.64	433.19	433.75	436.96	0.160395	8.60			0.77	2.47	4.93
Fosso del Buio	14.545*	Max WS	TR30_D2	4.50	432.64	433.10	433.58	436.51	0.187522	8.18			0.55	2.17	5.19
Fosso del Buio	10.909*	Max WS	TR30_D0.5	5.70	429.63	430.11	430.66	434.26	0.207659	9.03			0.63	2.33	5.53
Fosso del Buio	10.909*	Max WS	TR30_D1	6.58	429.63	430.14	430.72	434.52	0.200137	9.27			0.71	2.44	5.48
Fosso del Buio	10.909*	Max WS	TR30_D2	4.50	429.63	430.06	430.55	433.75	0.211586	8.50			0.53	2.18	5.50
Fosso del Buio	7.273*	Max WS	TR30_D0.5	5.70	426.61	427.09	427.63	430.93	0.188426	8.67			0.66	2.40	5.29
Fosso del Buio	7.273*	Max WS	TR30_D1	6.58	426.61	427.13	427.70	431.24	0.186205	8.99			0.73	2.50	5.31
Fosso del Buio	7.273*	Max WS	TR30_D2	4.50	426.61	427.05	427.52	430.32	0.181257	8.01			0.56	2.25	5.12
Fosso del Buio	3.636*	Max WS	TR30_D0.5	5.70	423.60	424.06	424.60	428.09	0.203069	8.89			0.64	2.39	5.48
Fosso del Buio	3.636*	Max WS	TR30_D1	6.58	423.60	424.09	424.67	428.54	0.209080	9.34			0.70	2.49	5.61
Fosso del Buio	3.636*	Max WS	TR30_D2	4.50	423.60	424.03	424.49	427.34	0.185800	8.06			0.56	2.26	5.19
Fosso del Buio	0	Max WS	TR30_D0.5	5.70	420.58	421.06	421.57	424.51	0.165248	8.23			0.69	2.48	4.98
Fosso del Buio	0	Max WS	TR30_D1	6.58	420.58	421.08	421.64	424.97	0.175139	8.74			0.75	2.58	5.16
Fosso del Buio	0	Max WS	TR30_D2	4.50	420.58	421.01	421.46	424.02	0.162497	7.68			0.59	2.31	4.87

ALLEGATI

MODELLAZIONE HEC-RAS 6.3.1 "POPPI_AP631"

FOSSO LA BORA

MODELLAZIONE PER TR=30 e 200 ANNI

DURATA DI PIOGGIA: 0.5, 1, 2 e 3h

Profilo longitudinale

Sezioni Trasversali

Dati idraulici

ALLEGATI

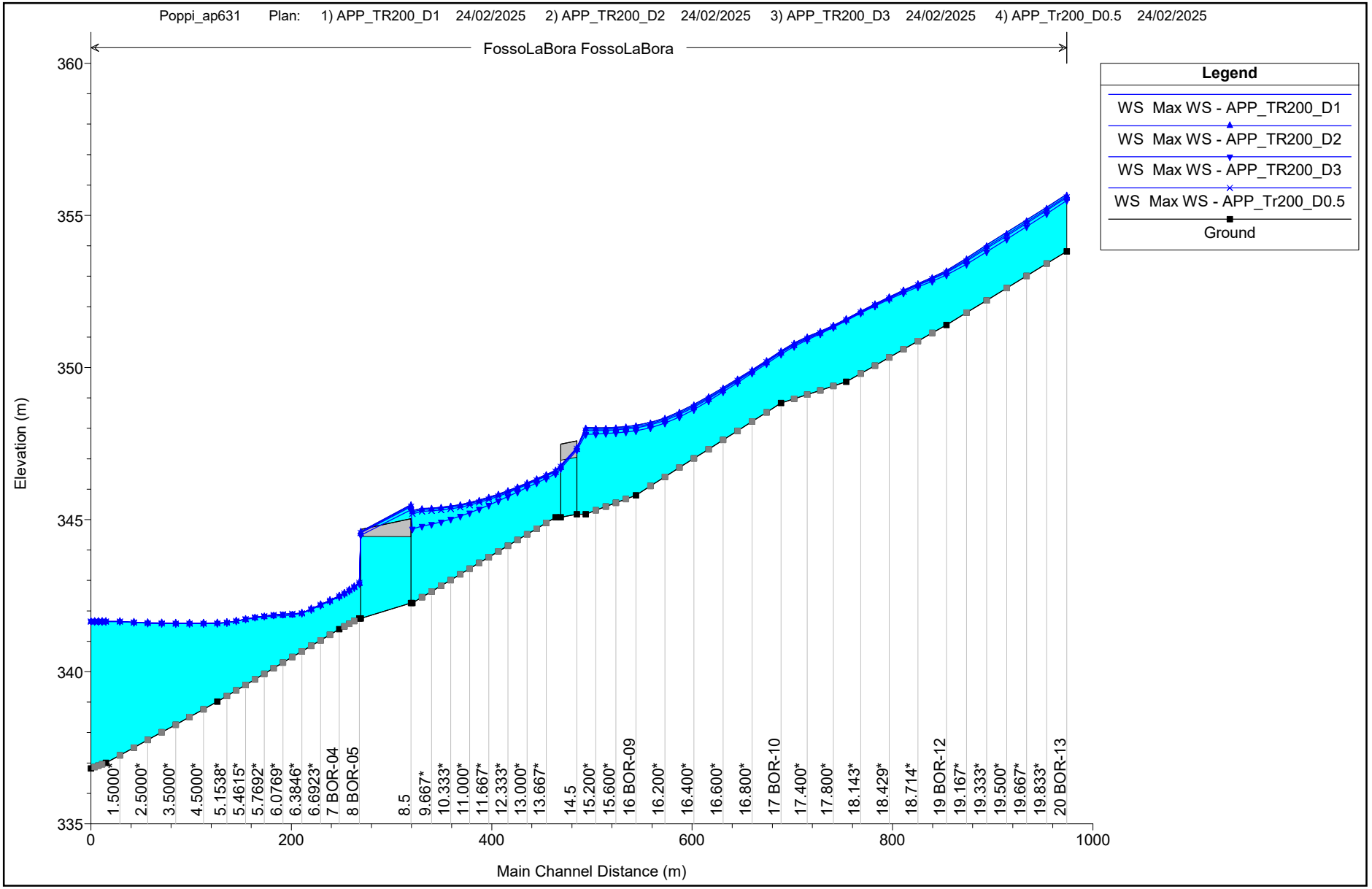
MODELLAZIONE HEC-RAS 6.3.1 "POPPI_AP631"

FOSSO LA BORA

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 0.5, 1, 2 e 3h

Profilo longitudinale


Poppi_ap631 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
FossoLaBora FossoLaBora
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_Tr200_D0.5
Ground
Elevation (m)
Main Channel Distance (m)
360
355
350
345
340
335
0
200
400
600
800
1000
1.5000*
2.5000*
3.5000*
4.5000*
5.1538*
5.4615*
5.7692*
6.0769*
6.3846*
6.6923*
7 BOR-04
8 BOR-05
8.5
9.667*
10.333*
11.000*
11.667*
12.333*
13.000*
13.667*
14.5
15.200*
15.600*
16 BOR-09
16.200*
16.400*
16.600*
16.800*
17 BOR-10
17.400*
17.800*
18.143*
18.429*
18.714*
19 BOR-12
19.167*
19.333*
19.500*
19.667*
19.833*
20 BOR-13

ALLEGATI

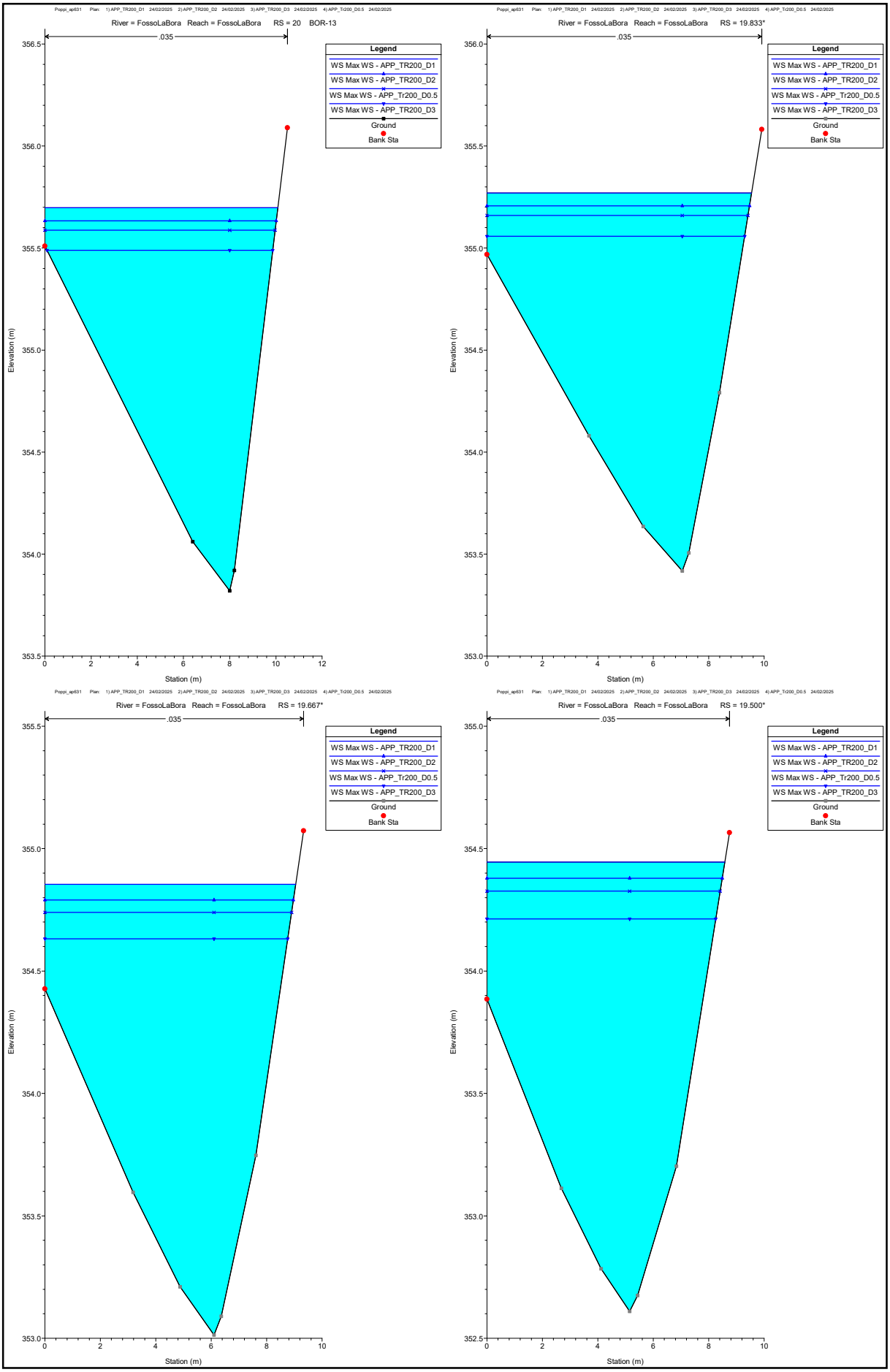
MODELLAZIONE HEC-RAS 6.3.1 "POPPI_AP631"

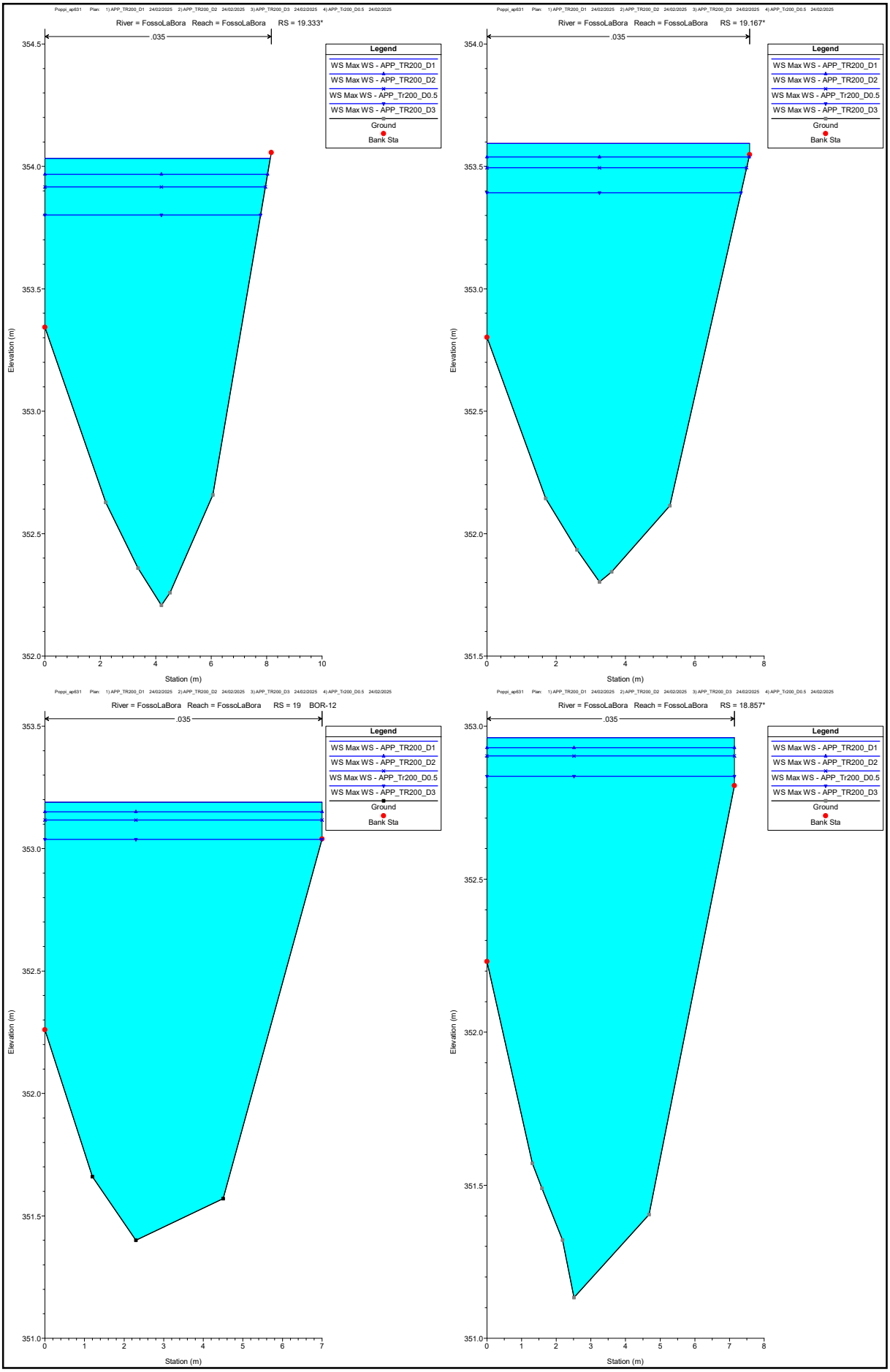
FOSSO LA BORA

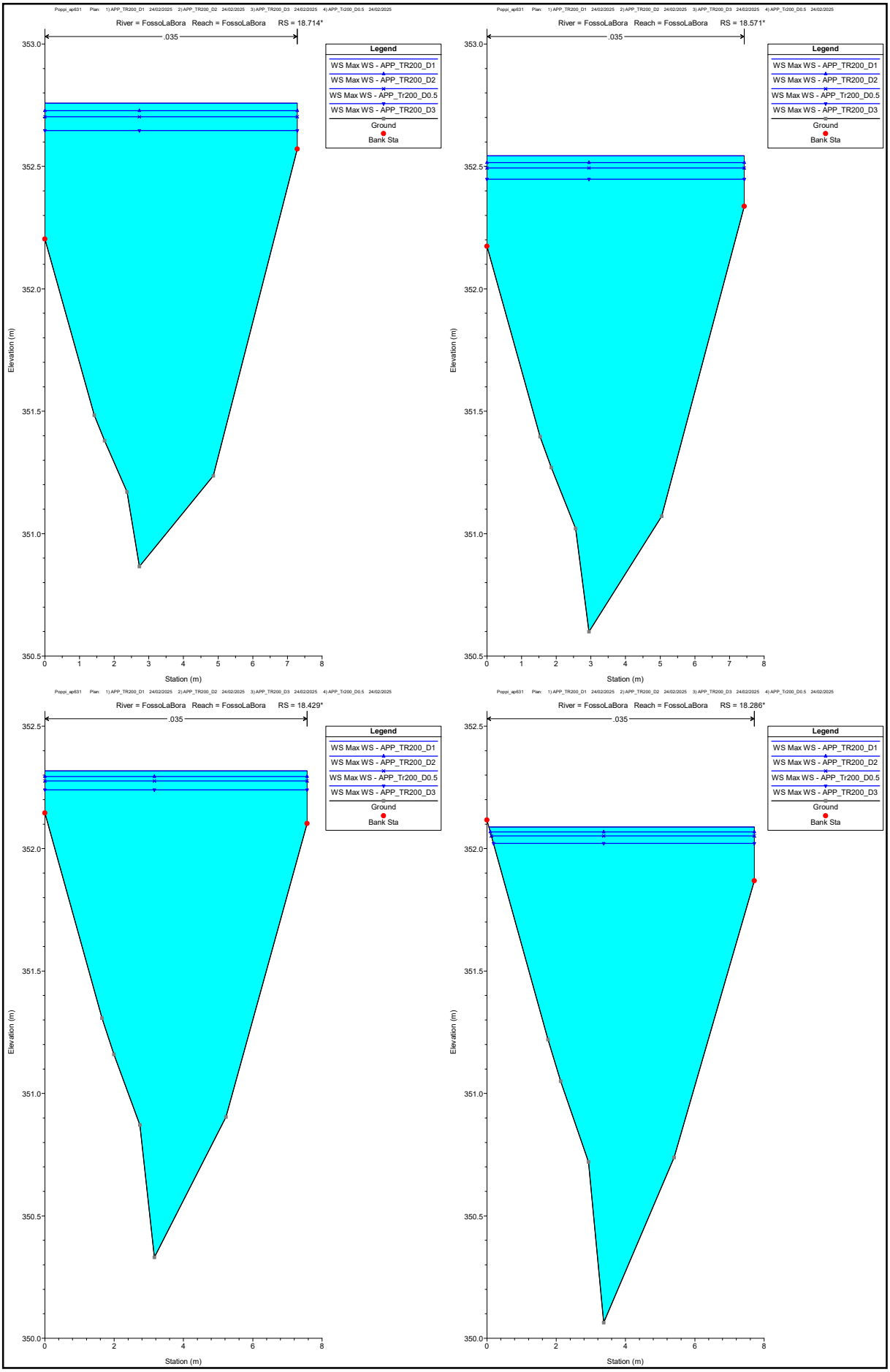
MODELLAZIONE PER TR= 200 anni

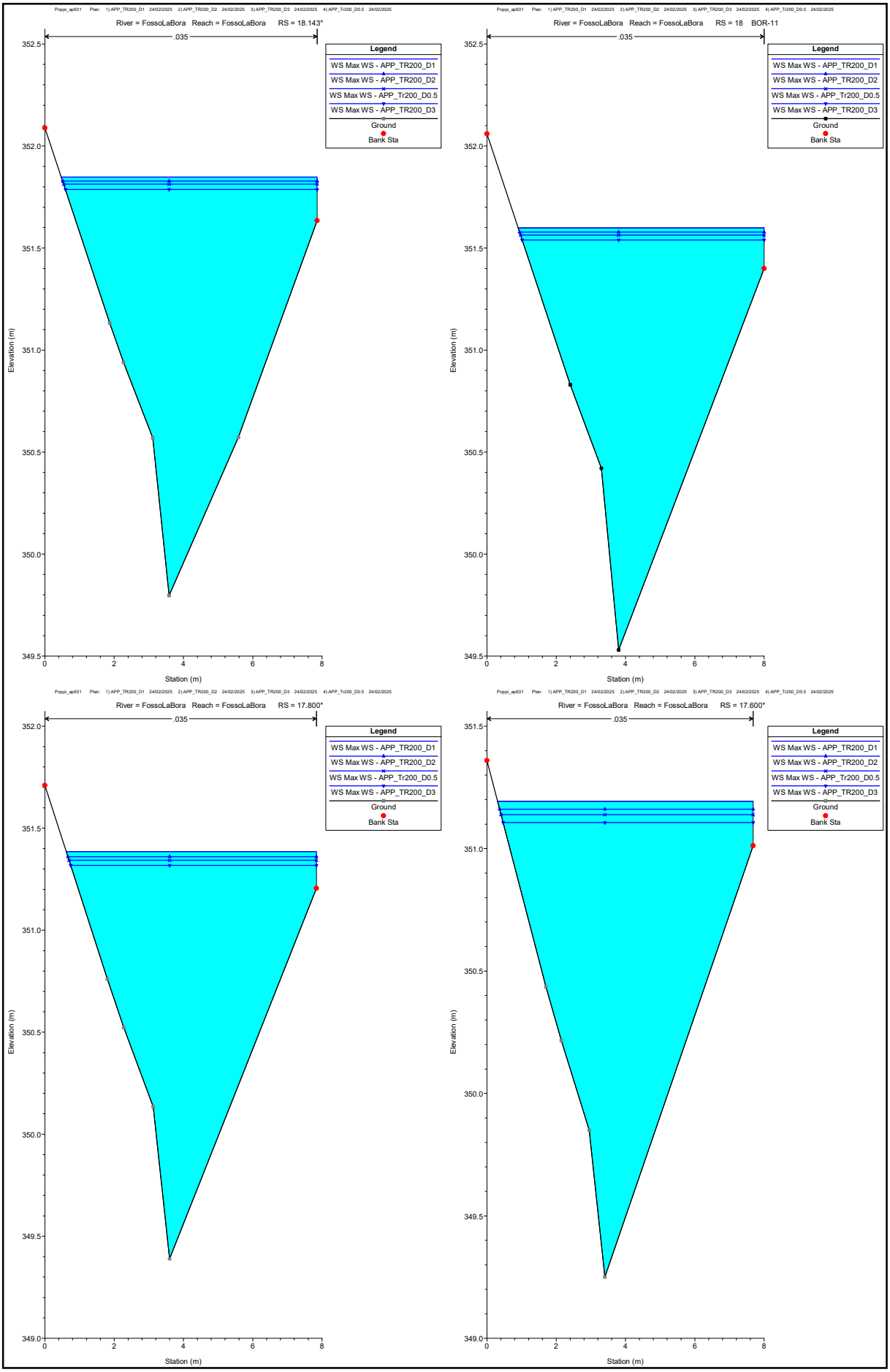
DURATE DI PIOGGIA: 0.5, 1, 2 e 3h

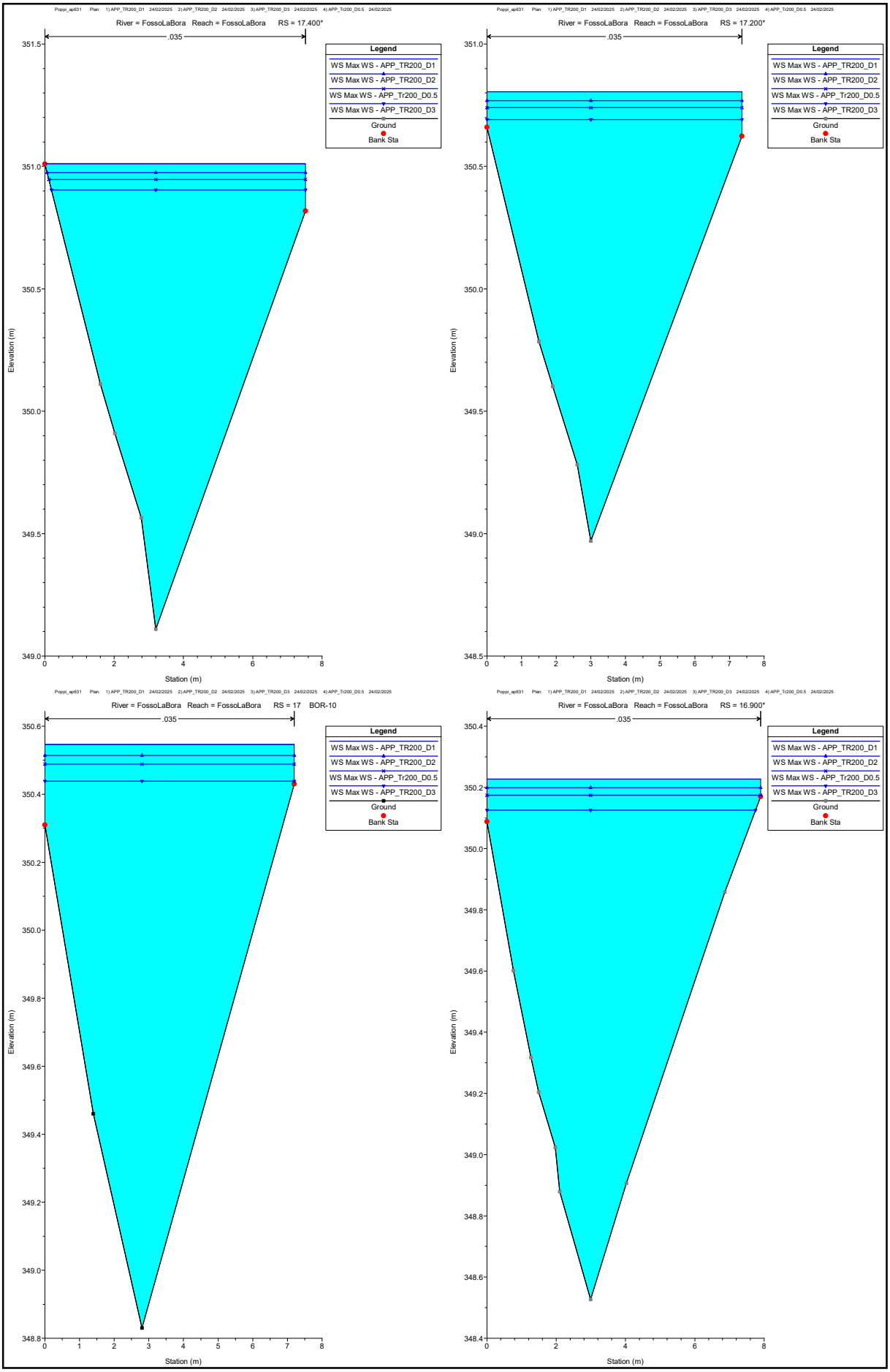
Sezioni Trasversali (da monte verso valle)

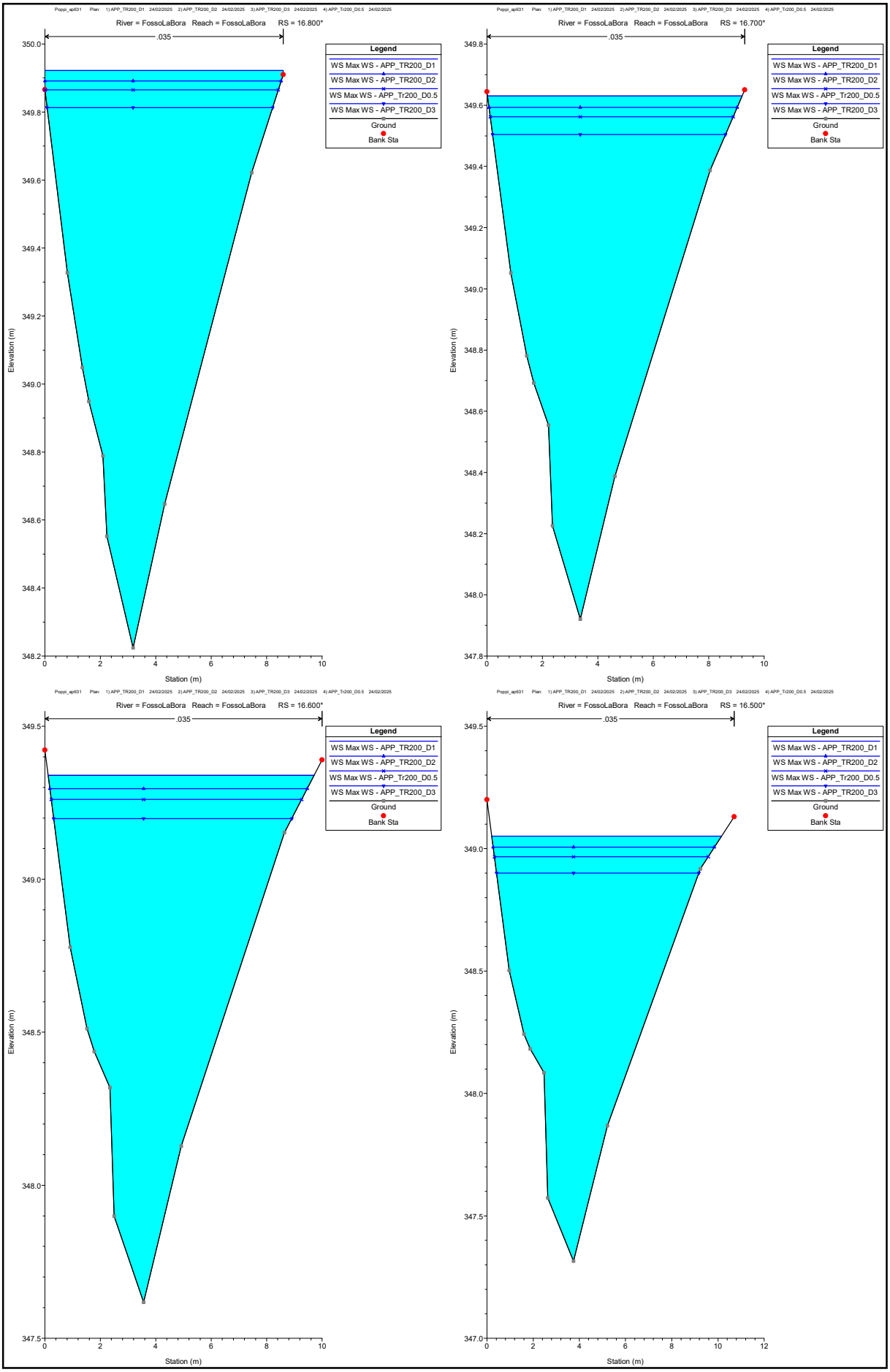

Poppi_ap831 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 20 BOR-13
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
River = FossoLaBora Reach = FossoLaBora RS = 19.833*
River = FossoLaBora Reach = FossoLaBora RS = 19.667*
River = FossoLaBora Reach = FossoLaBora RS = 19.500*


Poppi_ap831 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 19.333*
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
River = FossoLaBora Reach = FossoLaBora RS = 19.167*
River = FossoLaBora Reach = FossoLaBora RS = 19 BOR-12
River = FossoLaBora Reach = FossoLaBora RS = 18.857*


Poppi_ap631 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 18.714*
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 18.571*
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 18.429*
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 18.286*
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)


Poppi_ap631 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 18.143*
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 18 BOR-11
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 17.800*
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 17.600*
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)


Poppi_ap631 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 17.400*
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 17.200*
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 17 BOR-10
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 16.900*
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)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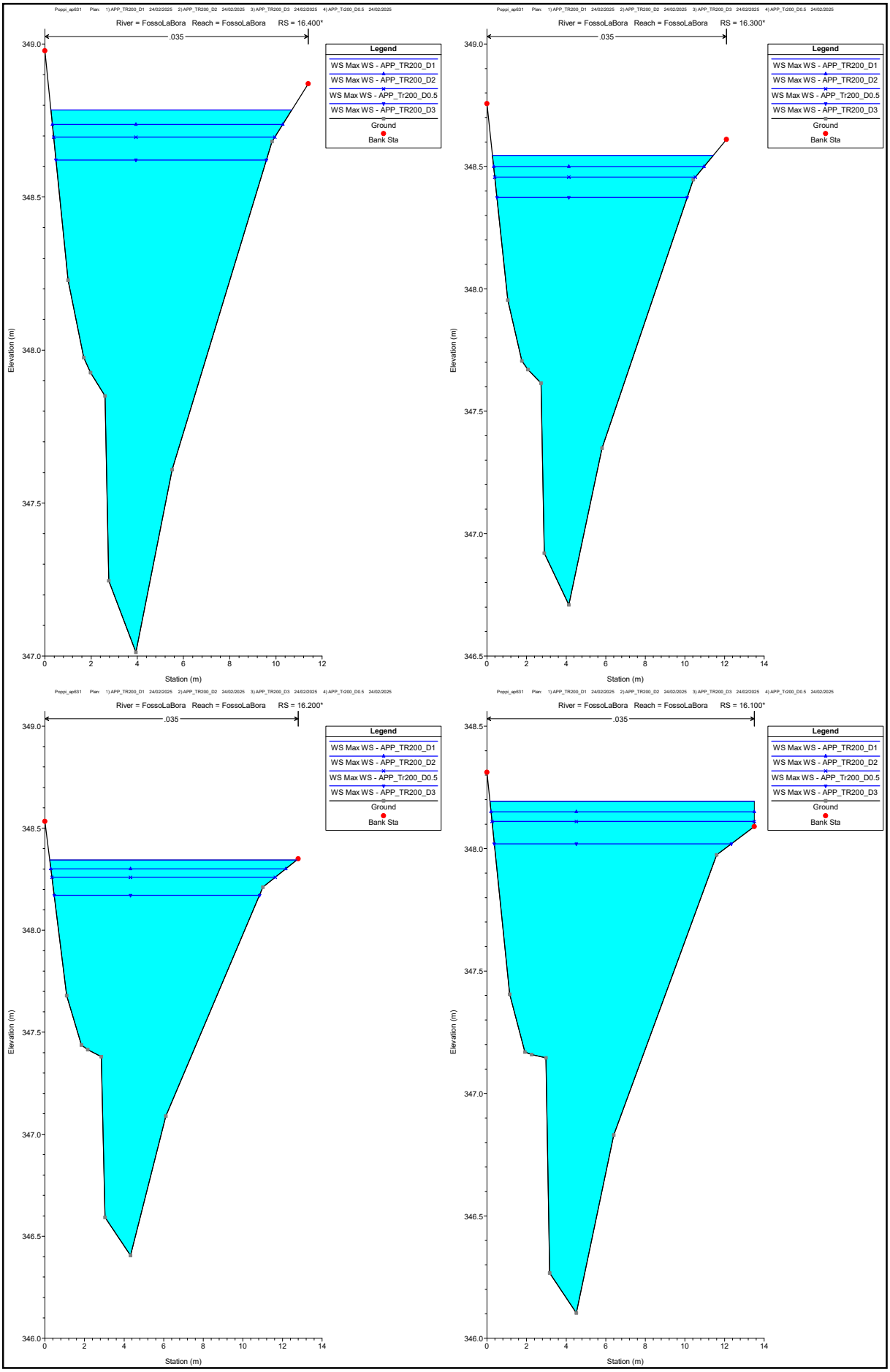
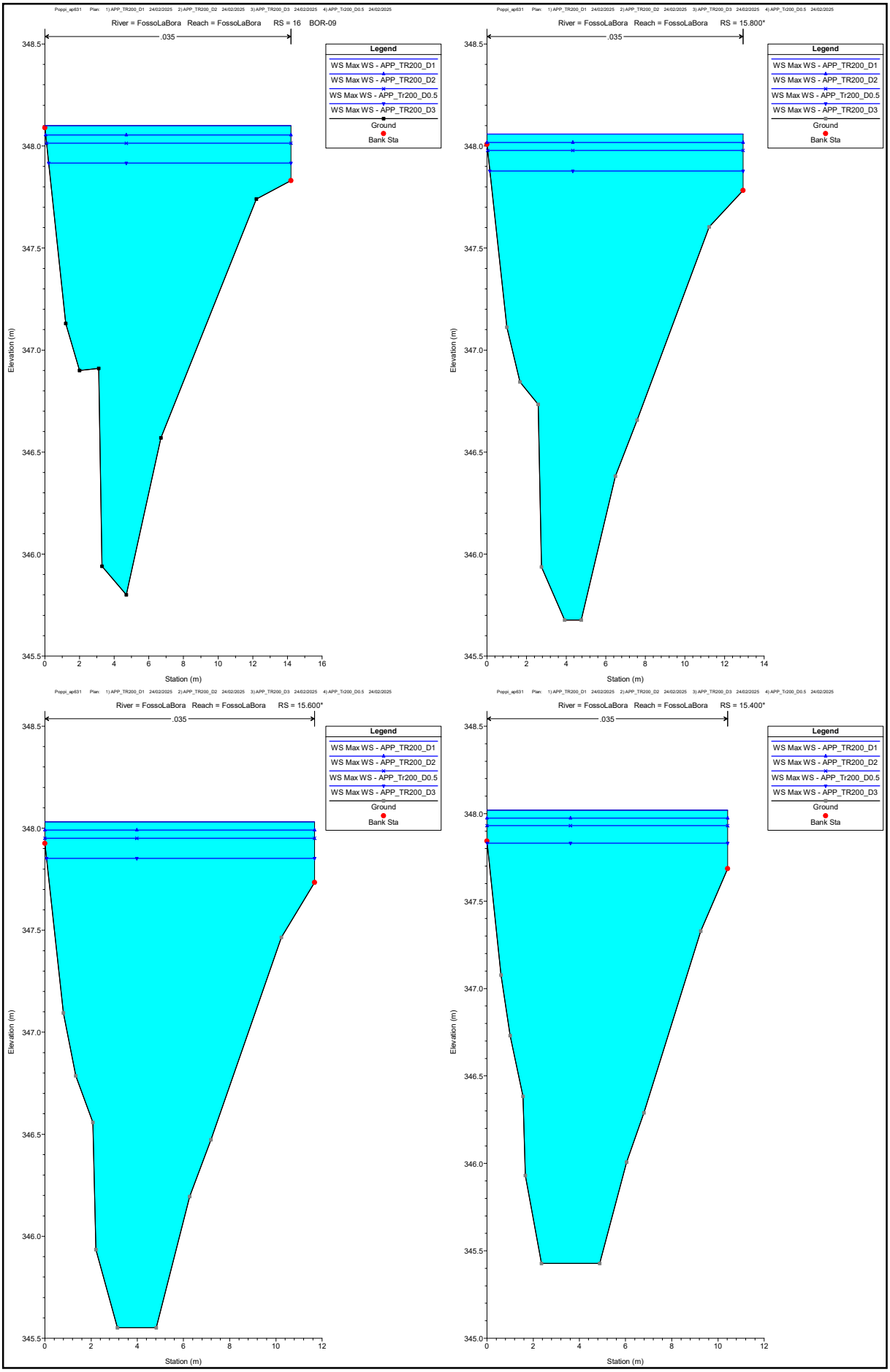
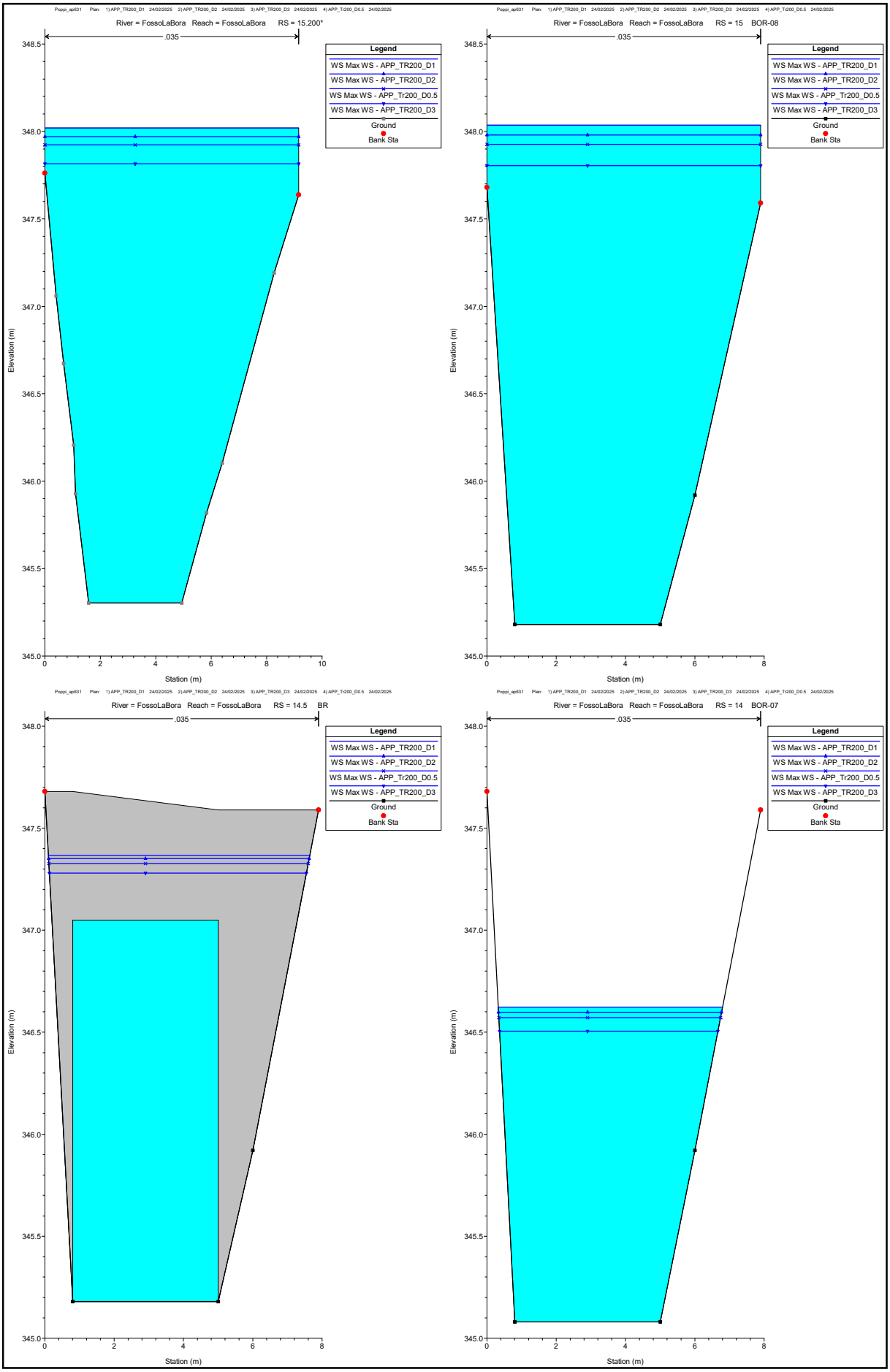
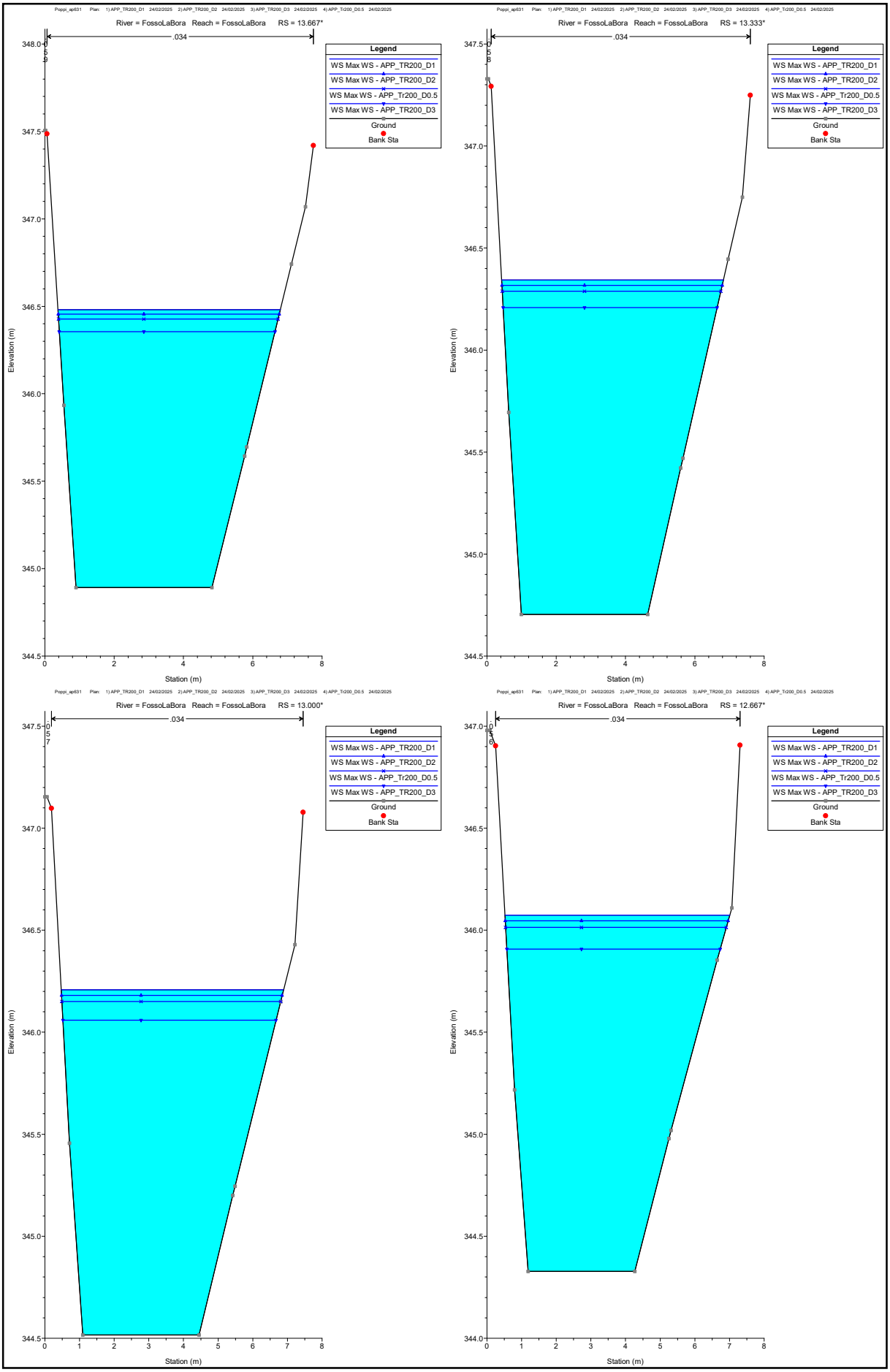
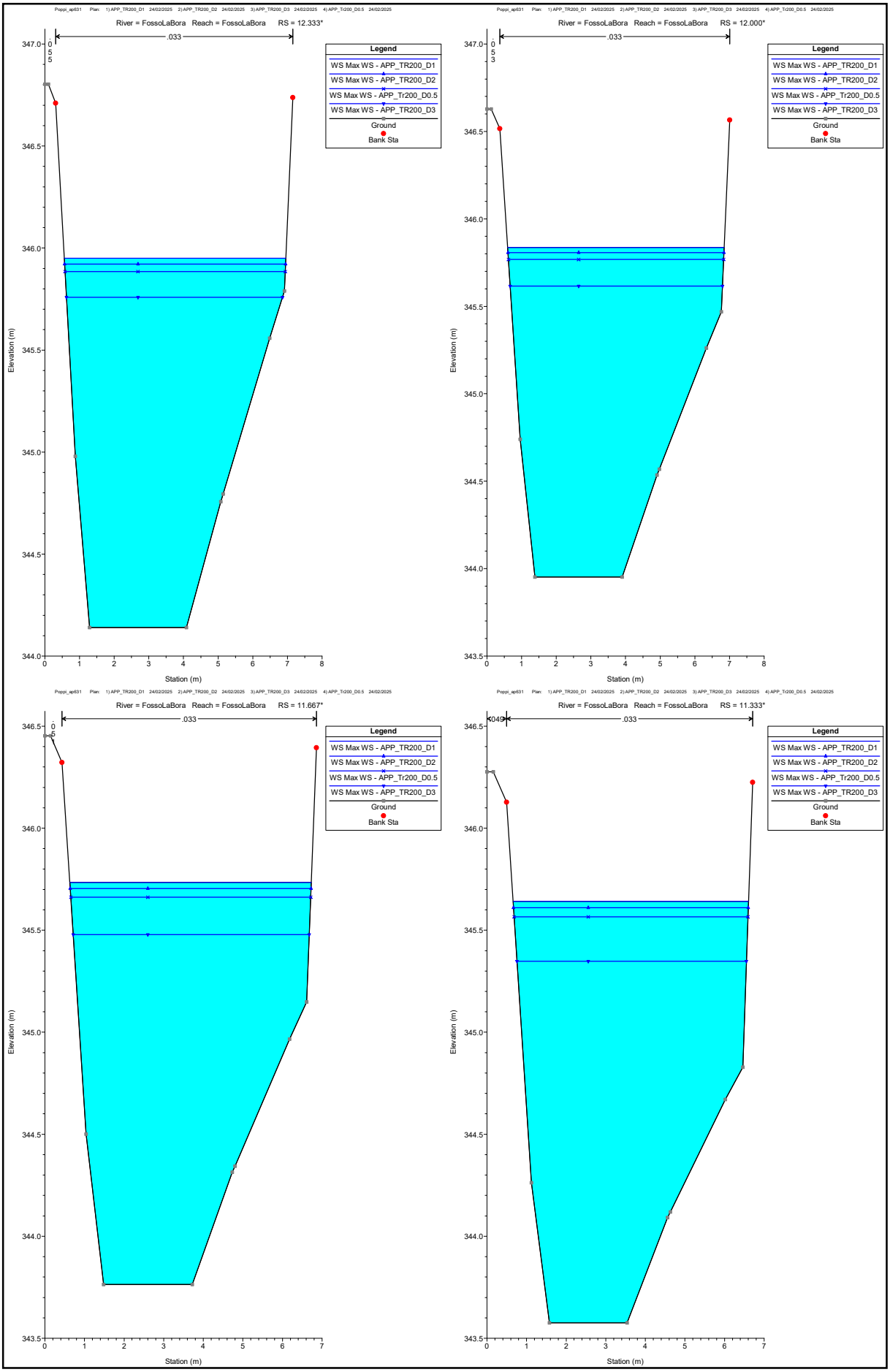
River = FossoLaBora Reach = FossoLaBora RS = 16.800*
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap831 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 16.700*
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap831 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 16.600*
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap831 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 16.500*
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)

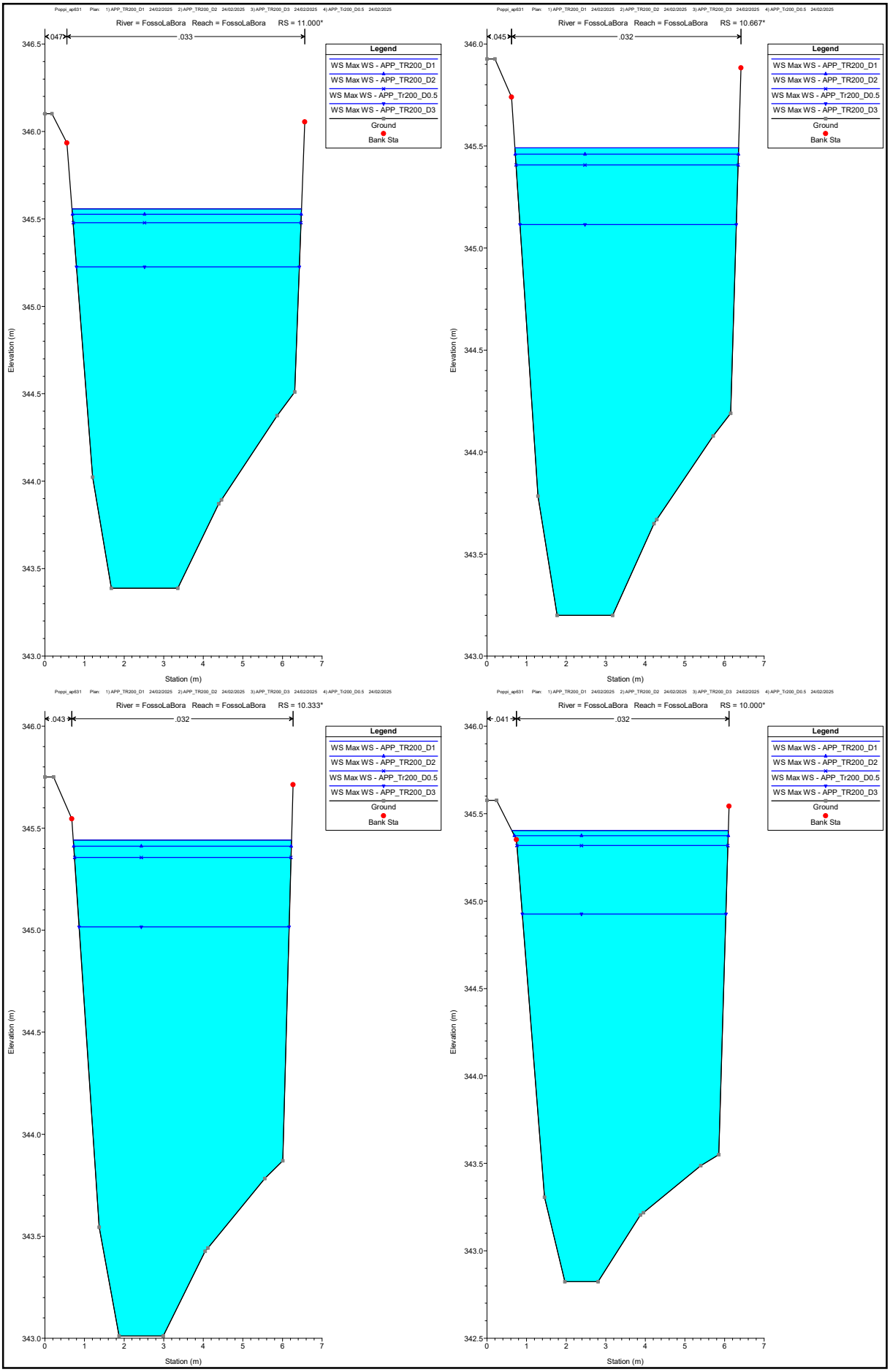

Poppi_ap631 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 16.400*
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 16.300*
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 16.200*
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 16.100*
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)


River = FossoLaBora Reach = FossoLaBora RS = 16 BOR-09
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
River = FossoLaBora Reach = FossoLaBora RS = 15.800*
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
River = FossoLaBora Reach = FossoLaBora RS = 15.600*
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
River = FossoLaBora Reach = FossoLaBora RS = 15.400*
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)


Poppi_ap831 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 15.200*
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap831 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 15 BOR-08
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap831 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 14.5 BR
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap831 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 14 BOR-07
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)


Poppi_ap631 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 13.667*
.034
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 13.333*
.034
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 13.000*
.034
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 12.667*
.034
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)


Poppi_ap831 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 12.333*
.033
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap831 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 12.000*
.033
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap831 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 11.667*
.033
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap831 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 11.333*
.049
.033
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)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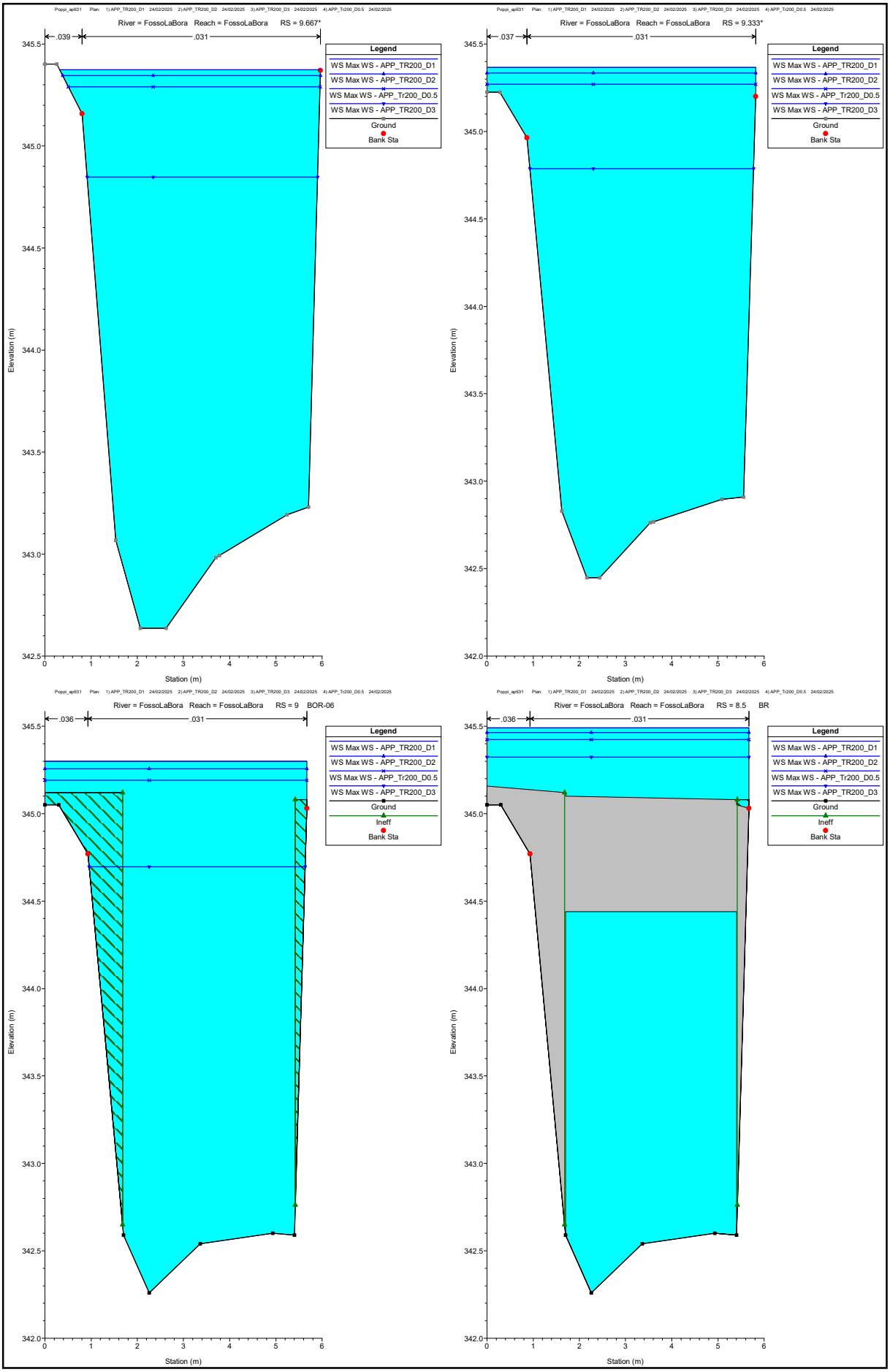
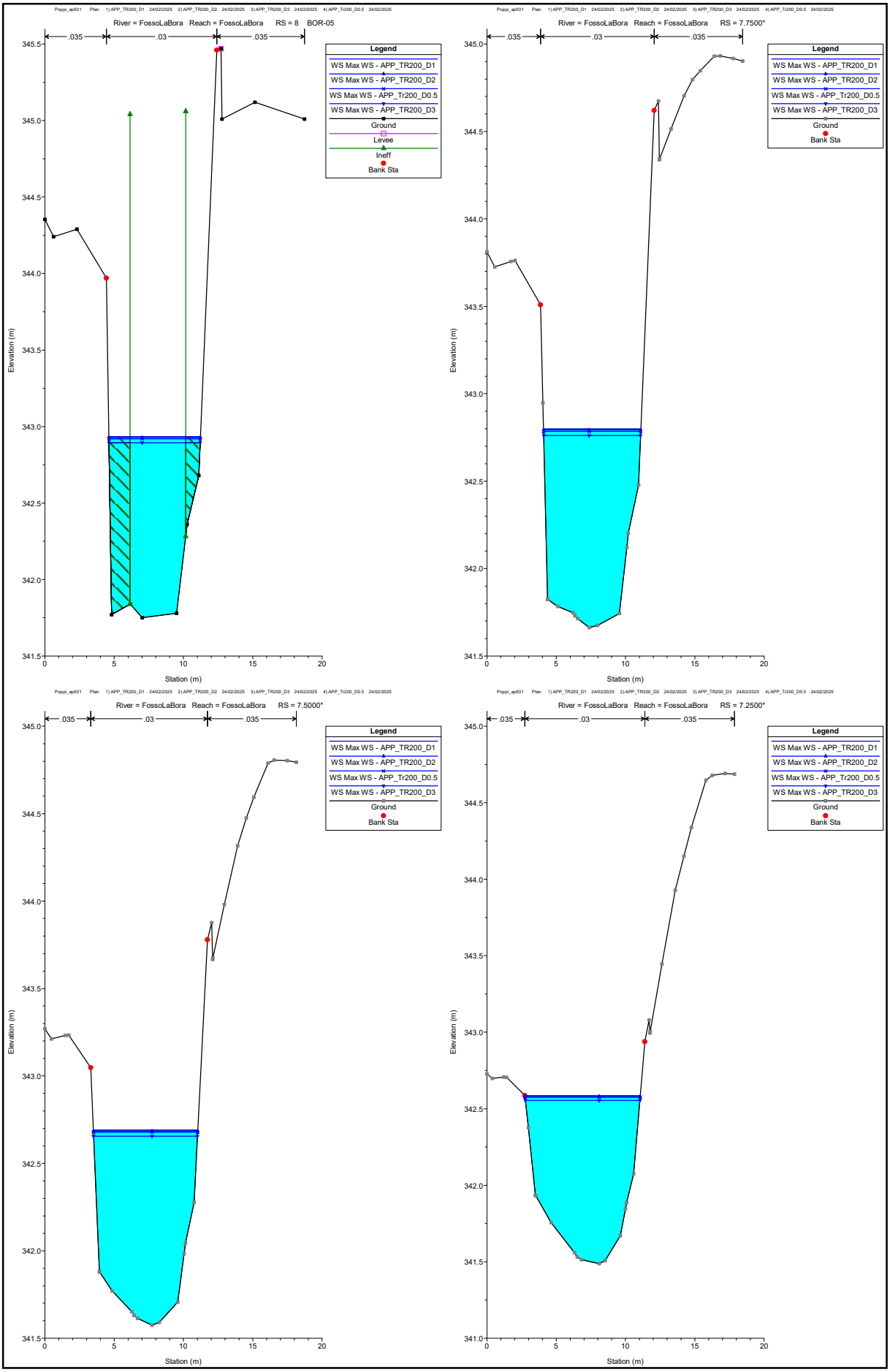
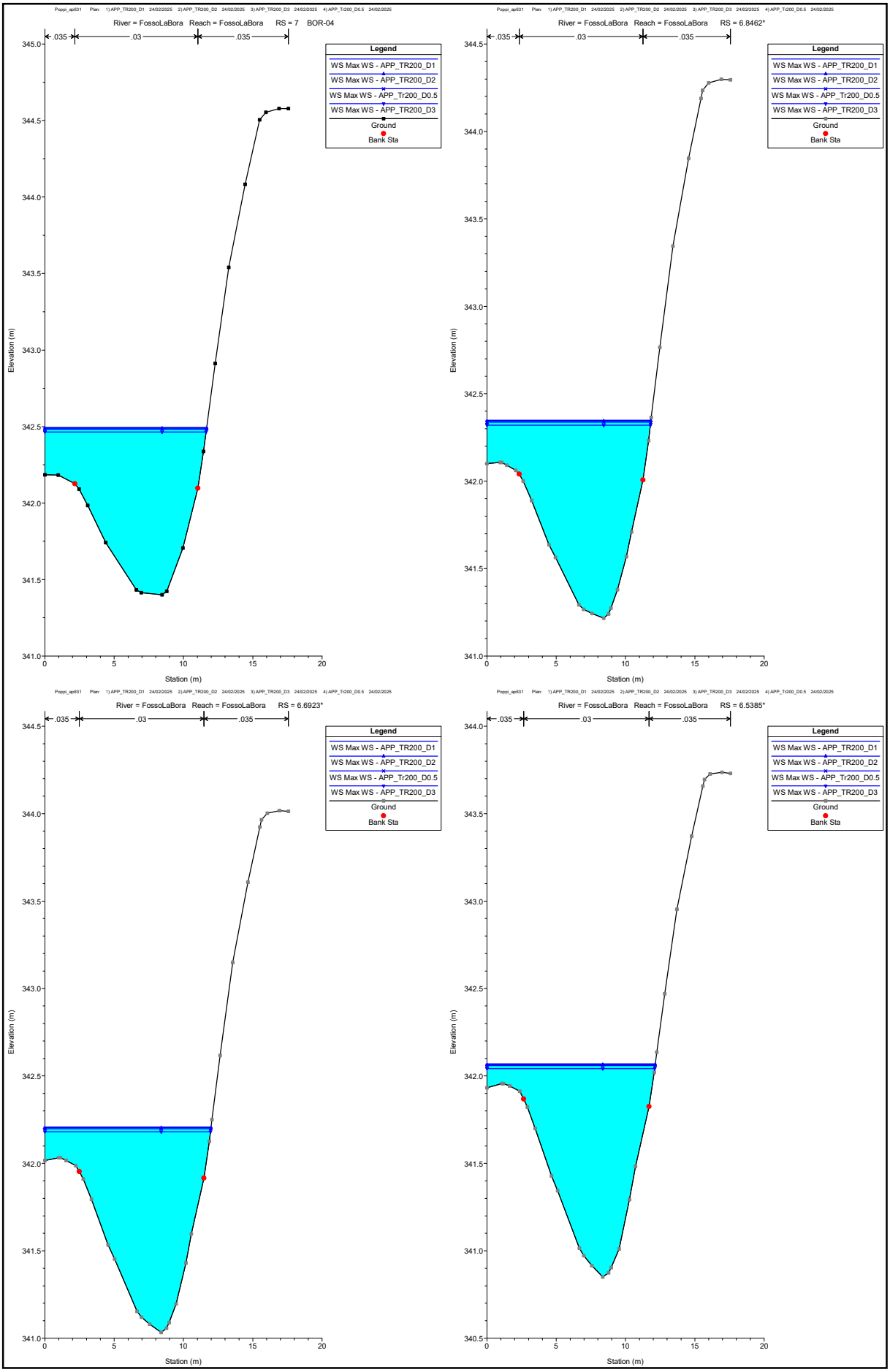
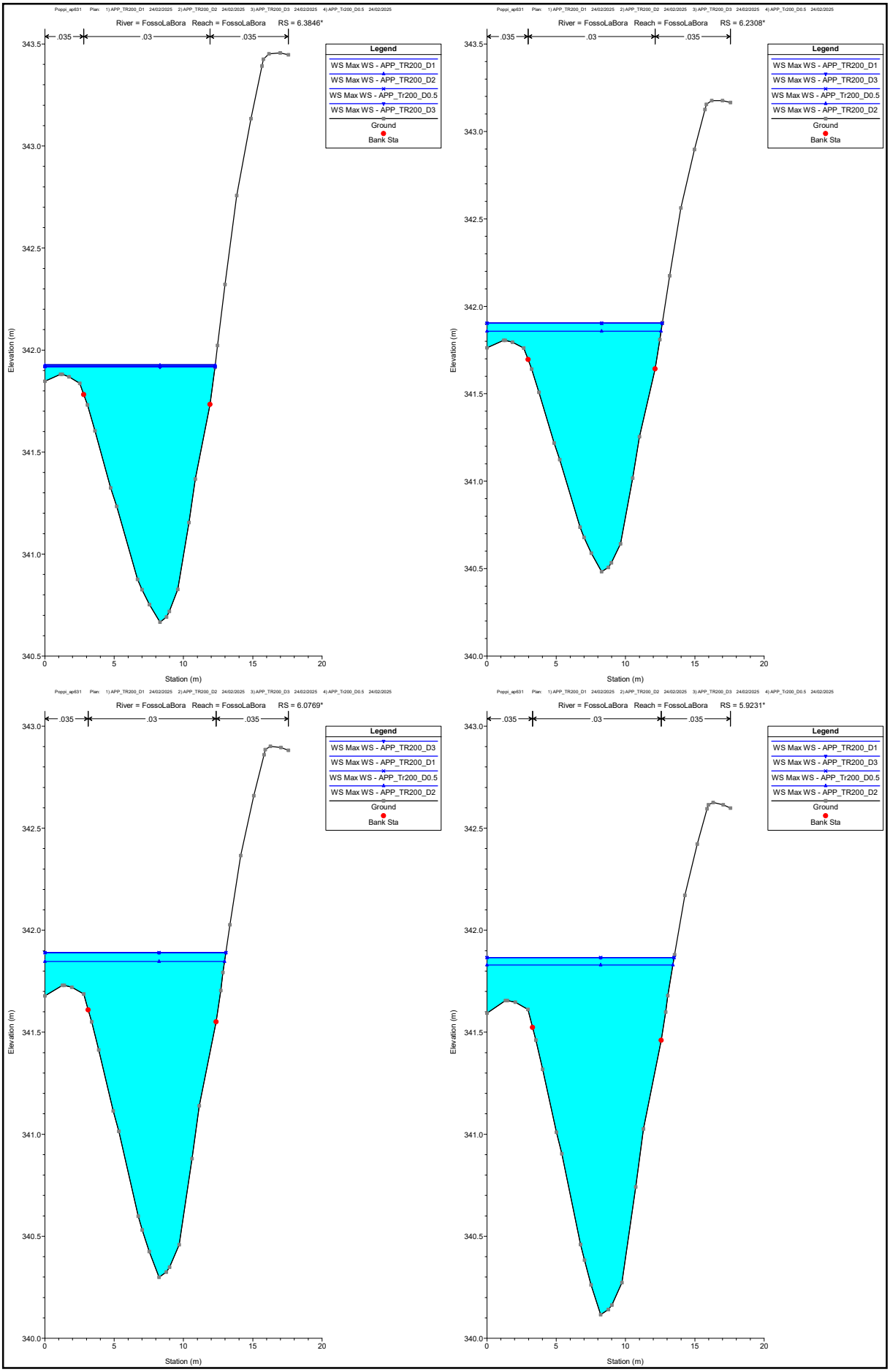
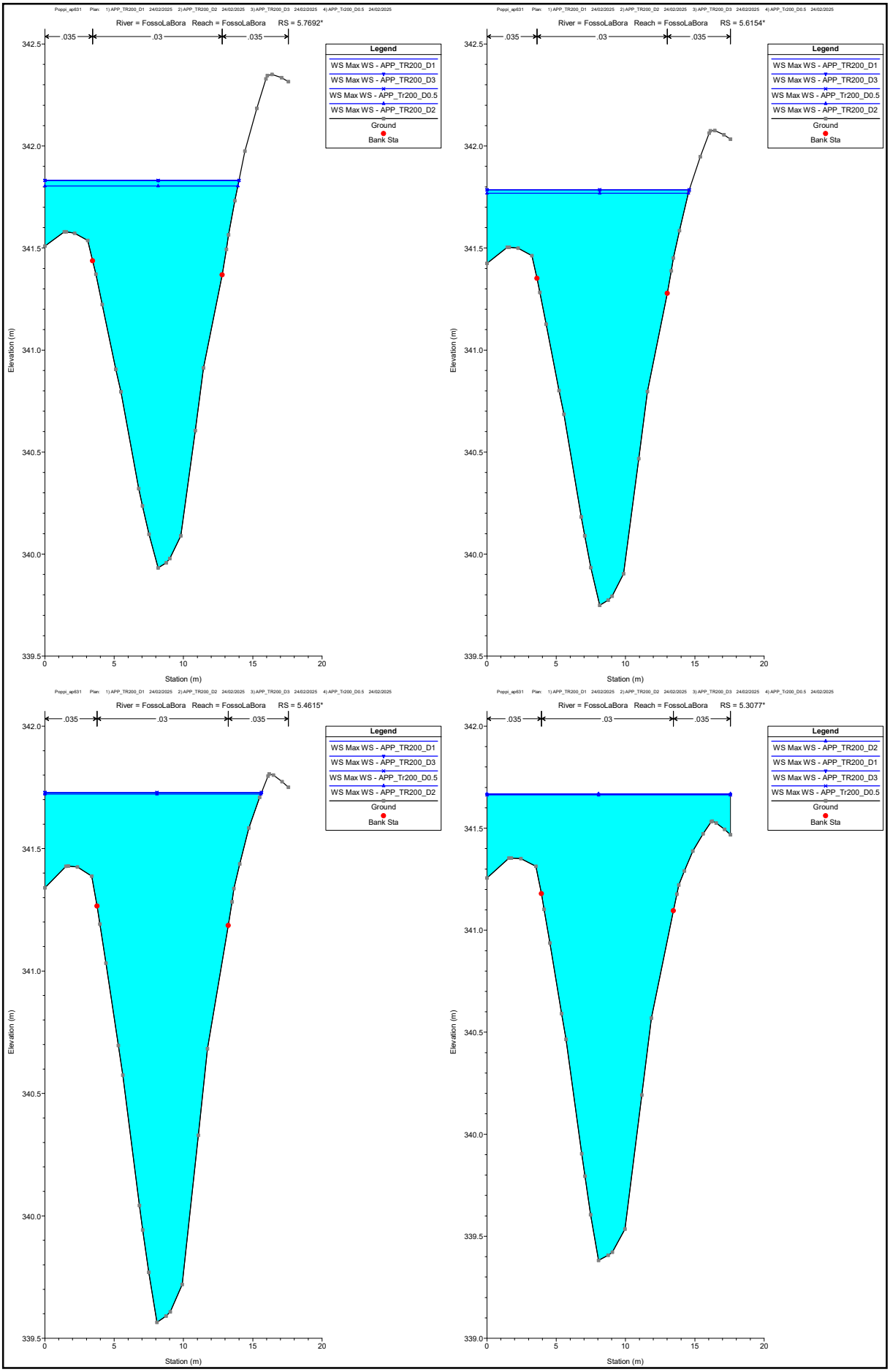
River = FossoLaBora Reach = FossoLaBora RS = 11.000*
.047
.033
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
River = FossoLaBora Reach = FossoLaBora RS = 10.667*
.045
.032
River = FossoLaBora Reach = FossoLaBora RS = 10.333*
.043
.032
River = FossoLaBora Reach = FossoLaBora RS = 10.000*
.041
.032

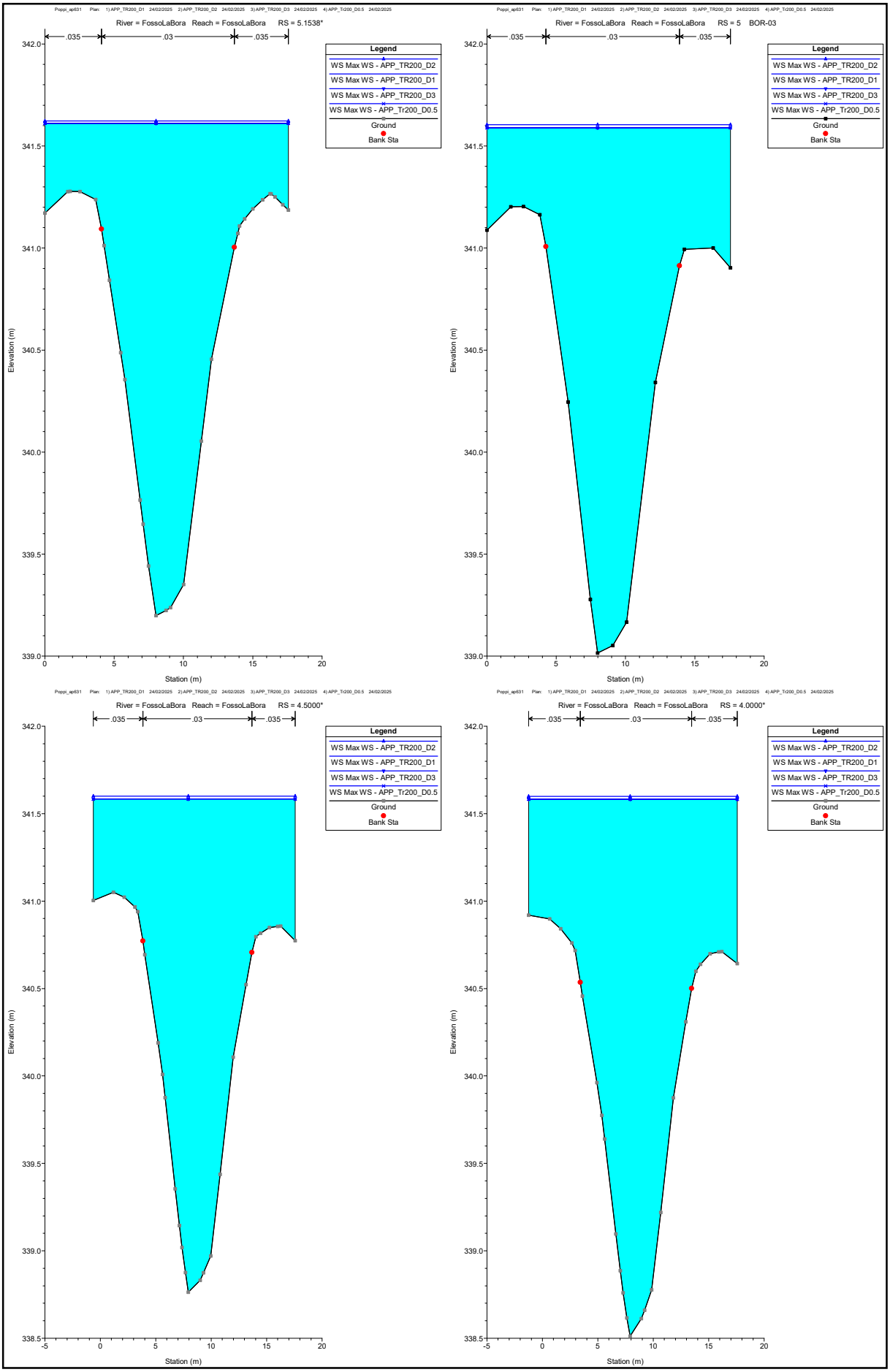

Poppi_ap631 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 9.667*
.039
.031
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 9.333*
.037
.031
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 9 BOR-06
.036
.031
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Ineff
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 8.5 BR
.036
.031
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Ineff
Bank Sta
Elevation (m)
Station (m)

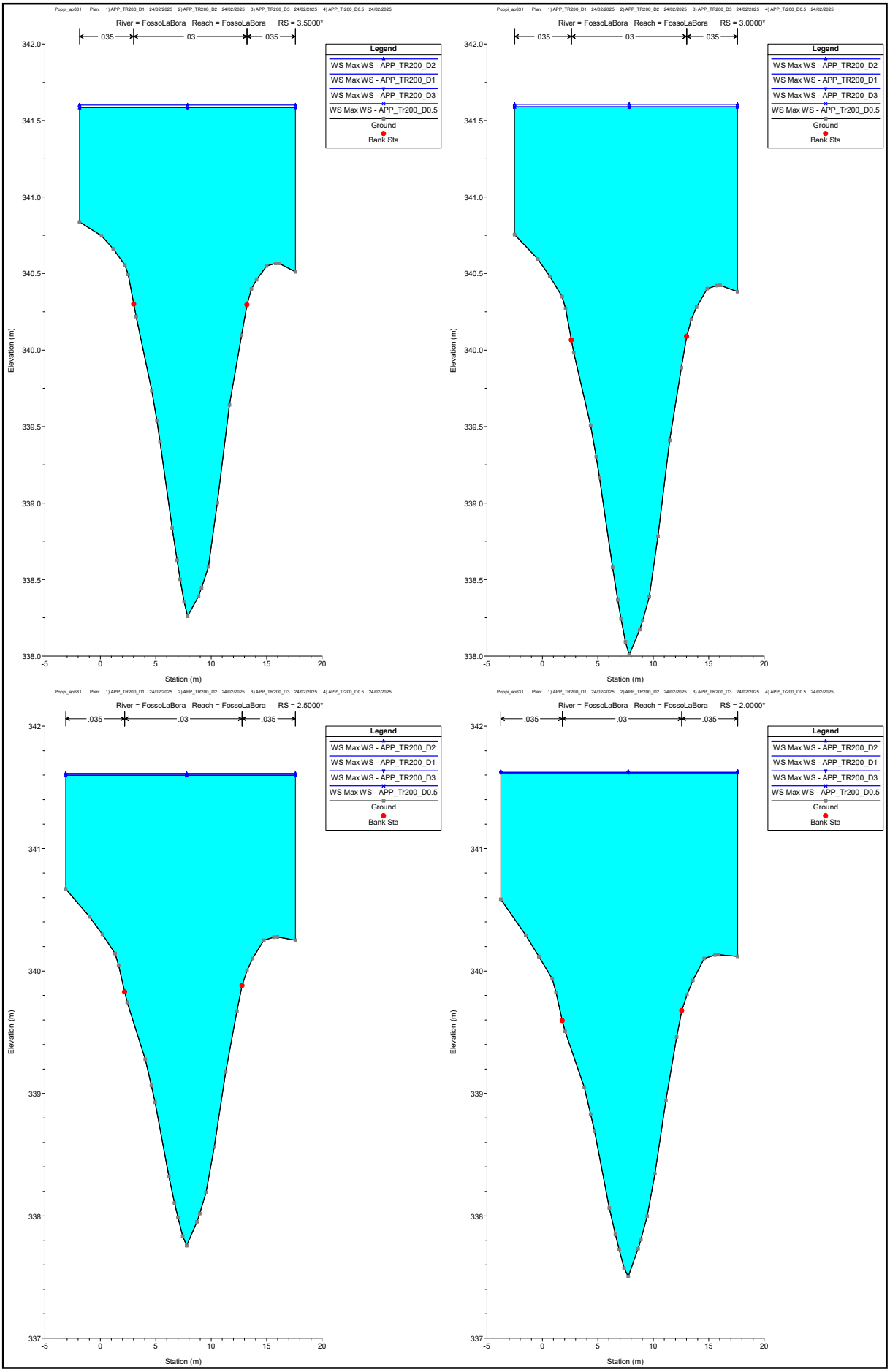

River = FossoLaBora Reach = FossoLaBora RS = 8 BOR-05
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Levee
Ineff
Bank Sta
Elevation (m)
Station (m)
River = FossoLaBora Reach = FossoLaBora RS = 7.7500*
River = FossoLaBora Reach = FossoLaBora RS = 7.5000*
River = FossoLaBora Reach = FossoLaBora RS = 7.2500*

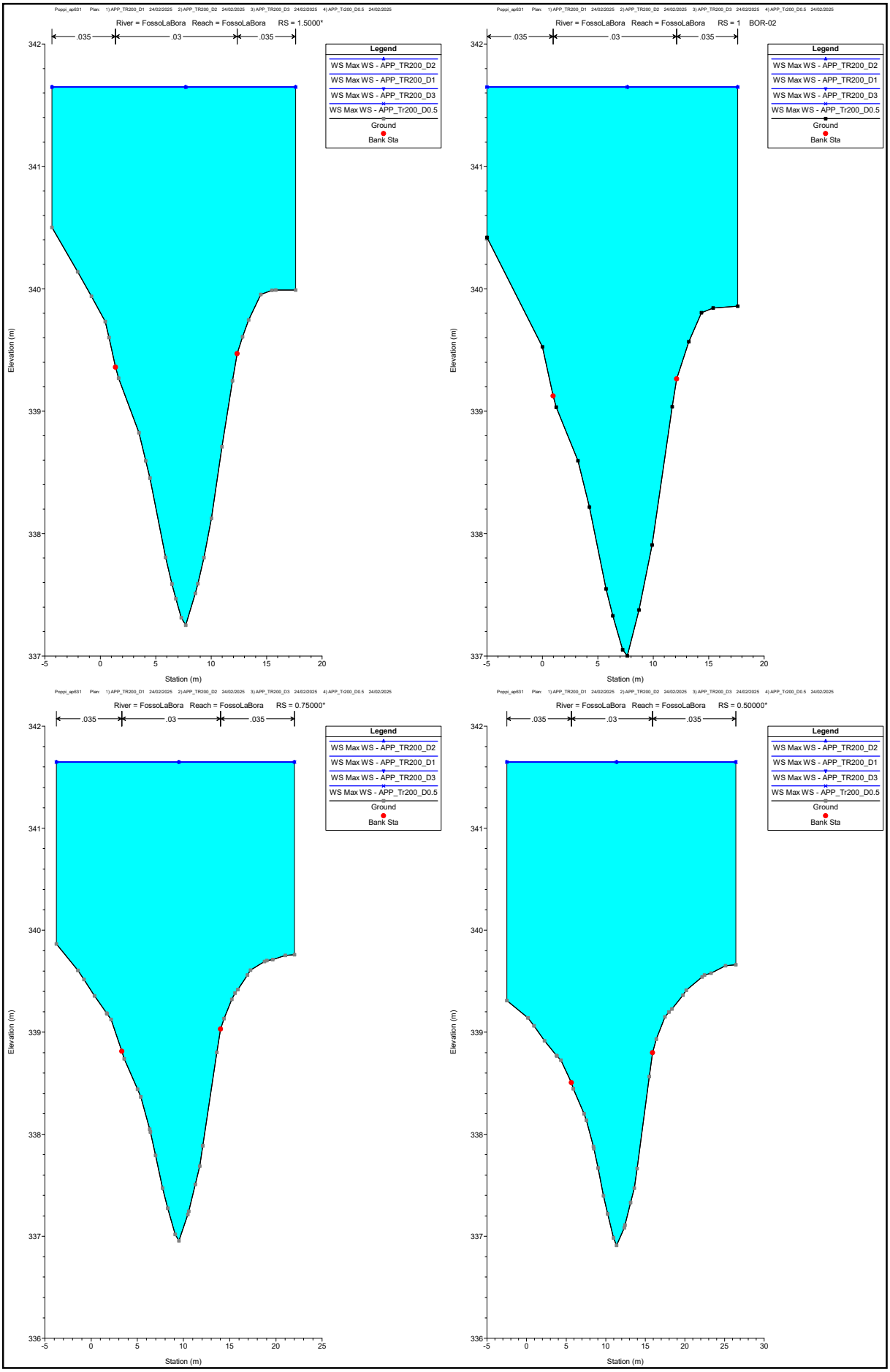

Poppi_ap631 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 7 BOR-04
.035 .03 .035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
River = FossoLaBora Reach = FossoLaBora RS = 6.8462*
River = FossoLaBora Reach = FossoLaBora RS = 6.6923*
River = FossoLaBora Reach = FossoLaBora RS = 6.5385*

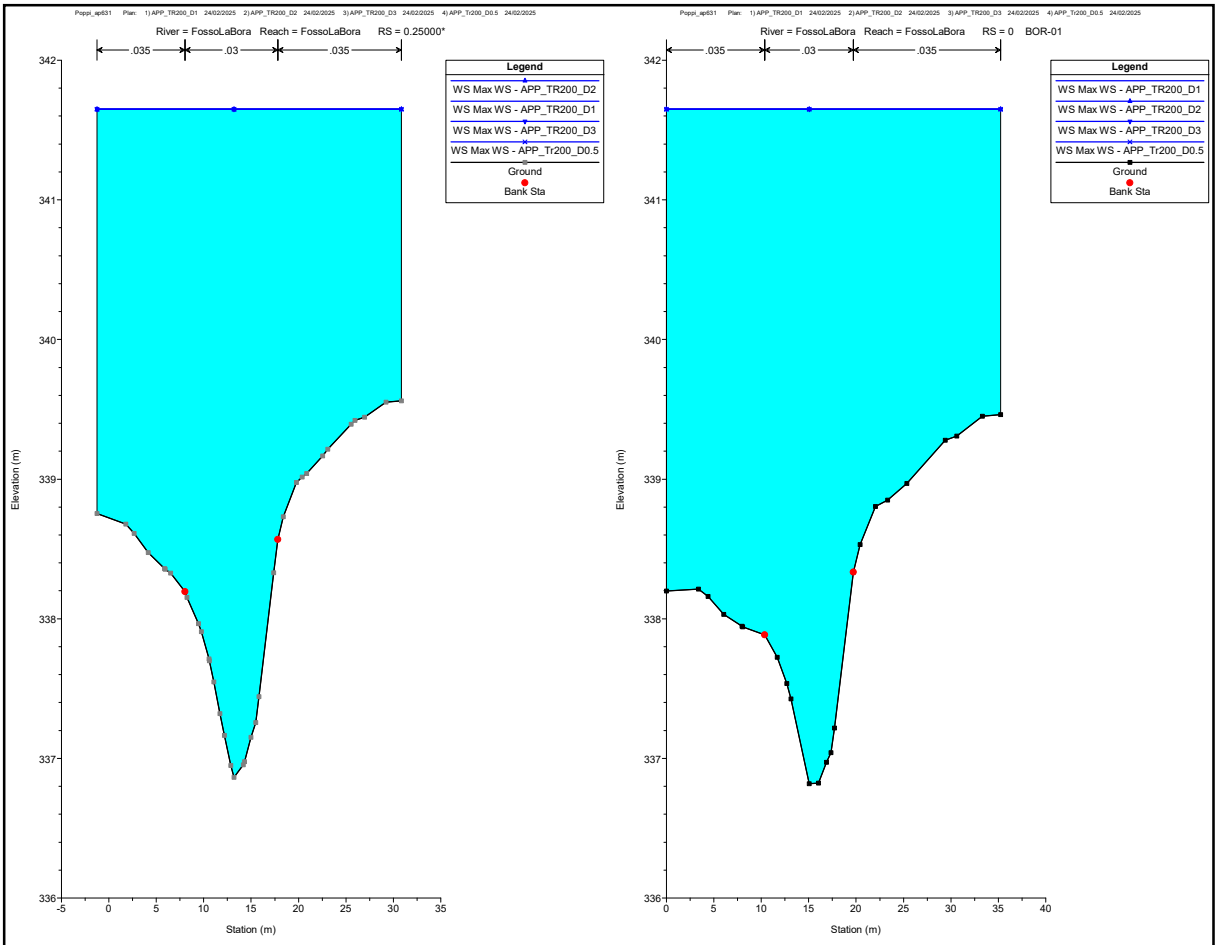

Poppi_ap631 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 6.3846*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 6.2308*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D3
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 6.0769*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D1
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 5.9231*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D3
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Poppi_ap831 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 5.7692*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D3
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap831 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 5.6154*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D3
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap831 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 5.4615*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D3
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap831 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 5.3077*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D0.5
Ground
Bank Sta
Elevation (m)
Station (m)


River = FossoLaBora Reach = FossoLaBora RS = 5.1538*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D3
WS Max WS - APP_Tr200_D0.5
Ground
Bank Sta
Elevation (m)
Station (m)
River = FossoLaBora Reach = FossoLaBora RS = 5 BOR-03
River = FossoLaBora Reach = FossoLaBora RS = 4.5000*
River = FossoLaBora Reach = FossoLaBora RS = 4.0000*


River = FossoLaBora Reach = FossoLaBora RS = 3.5000*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D3
WS Max WS - APP_Tr200_D0.5
Ground
Bank Sta
Elevation (m)
Station (m)
River = FossoLaBora Reach = FossoLaBora RS = 3.0000*
River = FossoLaBora Reach = FossoLaBora RS = 2.5000*
River = FossoLaBora Reach = FossoLaBora RS = 2.0000*


River = FossoLaBora Reach = FossoLaBora RS = 1.5000*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D3
WS Max WS - APP_Tr200_D0.5
Ground
Bank Sta
Elevation (m)
Station (m)
River = FossoLaBora Reach = FossoLaBora RS = 1 BOR-02
River = FossoLaBora Reach = FossoLaBora RS = 0.75000*
River = FossoLaBora Reach = FossoLaBora RS = 0.50000*


Poppi_ap831 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 0.25000*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D3
WS Max WS - APP_Tr200_D0.5
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap831 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 0 BOR-01
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_Tr200_D0.5
Ground
Bank Sta
Elevation (m)
Station (m)

ALLEGATI

MODELLAZIONE HEC-RAS 6.3.1 "POPPI_AP631"

FOSSO LA BORA

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 0.5, 1, 2 e 3h

Dati idraulici

HEC-RAS River: FossoLaBora Reach: FossoLaBora Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
FossoLaBora	20	Max WS	APP_TR200_D1	43.90	353.82	355.70	355.88	356.56	0.021908	4.11			10.69	10.08	1.27
FossoLaBora	20	Max WS	APP_TR200_D2	39.80	353.82	355.63	355.80	356.43	0.021708	3.96			10.05	10.02	1.26
FossoLaBora	20	Max WS	APP_TR200_D3	31.60	353.82	355.49	355.63	356.18	0.021735	3.67			8.61	9.77	1.25
FossoLaBora	20	Max WS	APP_Tr200_D0.5	37.00	353.82	355.59	355.75	356.35	0.021654	3.86			9.59	9.97	1.26
FossoLaBora	19.9			Lat Struct											
FossoLaBora	19.85			Lat Struct											
FossoLaBora	19.833*	Max WS	APP_TR200_D1	42.86	353.42	355.27	355.45	356.12	0.020954	4.09			10.48	9.55	1.25
FossoLaBora	19.833*	Max WS	APP_TR200_D2	39.40	353.42	355.21	355.38	356.02	0.021060	3.99			9.88	9.47	1.25
FossoLaBora	19.833*	Max WS	APP_TR200_D3	31.60	353.42	355.06	355.20	355.77	0.021519	3.73			8.48	9.30	1.25
FossoLaBora	19.833*	Max WS	APP_Tr200_D0.5	36.87	353.42	355.16	355.32	355.94	0.021203	3.91			9.44	9.42	1.25
FossoLaBora	19.667*	Max WS	APP_TR200_D1	42.76	353.01	354.85	355.03	355.73	0.020579	4.14			10.34	9.05	1.24
FossoLaBora	19.667*	Max WS	APP_TR200_D2	39.39	353.01	354.79	354.96	355.62	0.020713	4.04			9.76	8.97	1.24
FossoLaBora	19.667*	Max WS	APP_TR200_D3	31.60	353.01	354.63	354.78	355.36	0.021140	3.78			8.35	8.76	1.24
FossoLaBora	19.667*	Max WS	APP_Tr200_D0.5	36.86	353.01	354.74	354.91	355.54	0.020828	3.96			9.31	8.90	1.24
FossoLaBora	19.500*	Max WS	APP_TR200_D1	42.76	352.61	354.45	354.63	355.34	0.020428	4.19			10.20	8.58	1.23
FossoLaBora	19.500*	Max WS	APP_TR200_D2	39.39	352.61	354.38	354.55	355.23	0.020463	4.09			9.63	8.49	1.23
FossoLaBora	19.500*	Max WS	APP_TR200_D3	31.60	352.61	354.21	354.37	354.96	0.020747	3.83			8.24	8.26	1.22
FossoLaBora	19.500*	Max WS	APP_Tr200_D0.5	36.85	352.61	354.33	354.49	355.15	0.020509	4.01			9.19	8.42	1.22
FossoLaBora	19.333*	Max WS	APP_TR200_D1	42.76	352.21	354.03	354.22	354.97	0.020880	4.28			9.98	8.13	1.23
FossoLaBora	19.333*	Max WS	APP_TR200_D2	39.39	352.21	353.97	354.15	354.85	0.020654	4.16			9.46	8.03	1.23
FossoLaBora	19.333*	Max WS	APP_TR200_D3	31.60	352.21	353.80	353.95	354.57	0.020405	3.88			8.15	7.78	1.21
FossoLaBora	19.333*	Max WS	APP_Tr200_D0.5	36.85	352.21	353.92	354.09	354.76	0.020534	4.07			9.05	7.96	1.22
FossoLaBora	19.167*	Max WS	APP_TR200_D1	42.75	351.80	353.59	353.82	354.62	0.023026	4.49			9.51	7.58	1.28
FossoLaBora	19.167*	Max WS	APP_TR200_D2	39.39	351.80	353.54	353.74	354.49	0.022287	4.33			9.10	7.57	1.26
FossoLaBora	19.167*	Max WS	APP_TR200_D3	31.60	351.80	353.39	353.55	354.19	0.020569	3.95			8.01	7.33	1.21
FossoLaBora	19.167*	Max WS	APP_Tr200_D0.5	36.85	351.80	353.49	353.68	354.40	0.021678	4.21			8.76	7.50	1.24
FossoLaBora	19	Max WS	APP_TR200_D1	36.51	351.40	353.19	353.28	353.98	0.017396	3.94			9.26	7.00	1.09
FossoLaBora	19	Max WS	APP_TR200_D2	34.15	351.40	353.15	353.21	353.89	0.016626	3.80			8.99	7.00	1.07
FossoLaBora	19	Max WS	APP_TR200_D3	28.28	351.40	353.04	353.05	353.64	0.014933	3.45			8.20	7.00	1.02
FossoLaBora	19	Max WS	APP_Tr200_D0.5	32.27	351.40	353.12	353.16	353.81	0.016022	3.69			8.76	7.00	1.05
FossoLaBora	18.857*	Max WS	APP_TR200_D1	32.08	351.13	352.96	352.97	353.60	0.014409	3.54			9.07	7.14	1.00
FossoLaBora	18.857*	Max WS	APP_TR200_D2	30.69	351.13	352.93	352.93	353.54	0.014235	3.47			8.84	7.14	1.00
FossoLaBora	18.857*	Max WS	APP_TR200_D3	26.35	351.13	352.84	352.80	353.37	0.013241	3.23			8.17	7.14	0.96
FossoLaBora	18.857*	Max WS	APP_Tr200_D0.5	29.47	351.13	352.90	352.90	353.50	0.014009	3.41			8.64	7.14	0.99
FossoLaBora	18.714*	Max WS	APP_TR200_D1	31.18	350.87	352.76	352.76	353.37	0.014154	3.47			9.00	7.29	1.00
FossoLaBora	18.714*	Max WS	APP_TR200_D2	29.93	350.87	352.73	352.72	353.32	0.014059	3.41			8.77	7.29	0.99
FossoLaBora	18.714*	Max WS	APP_TR200_D3	26.27	350.87	352.65	352.62	353.17	0.013326	3.21			8.18	7.29	0.97
FossoLaBora	18.714*	Max WS	APP_Tr200_D0.5	28.92	350.87	352.70	352.70	353.28	0.013958	3.37			8.59	7.29	0.99
FossoLaBora	18.571*	Max WS	APP_TR200_D1	31.71	350.60	352.54	352.59	353.21	0.015989	3.61			8.79	7.43	1.06
FossoLaBora	18.571*	Max WS	APP_TR200_D2	30.26	350.60	352.52	352.55	353.15	0.015627	3.53			8.58	7.43	1.05
FossoLaBora	18.571*	Max WS	APP_TR200_D3	26.62	350.60	352.45	352.46	353.00	0.014464	3.29			8.08	7.43	1.01
FossoLaBora	18.571*	Max WS	APP_Tr200_D0.5	29.12	350.60	352.49	352.52	353.10	0.015313	3.46			8.42	7.43	1.04
FossoLaBora	18.429*	Max WS	APP_TR200_D1	29.33	350.33	352.32	352.35	352.93	0.015710	3.47			8.46	7.57	1.05
FossoLaBora	18.429*	Max WS	APP_TR200_D2	28.15	350.33	352.29	352.32	352.88	0.015416	3.40			8.28	7.57	1.04
FossoLaBora	18.429*	Max WS	APP_TR200_D3	25.48	350.33	352.24	352.25	352.77	0.014733	3.24			7.87	7.57	1.01
FossoLaBora	18.429*	Max WS	APP_Tr200_D0.5	27.27	350.33	352.28	352.30	352.85	0.015199	3.35			8.15	7.57	1.03
FossoLaBora	18.286*	Max WS	APP_TR200_D1	27.53	350.06	352.09	352.14	352.69	0.016407	3.42			8.05	7.66	1.07
FossoLaBora	18.286*	Max WS	APP_TR200_D2	26.69	350.06	352.07	352.11	352.65	0.016293	3.38			7.89	7.62	1.06
FossoLaBora	18.286*	Max WS	APP_TR200_D3	24.67	350.06	352.02	352.05	352.57	0.015869	3.27			7.54	7.53	1.04
FossoLaBora	18.286*	Max WS	APP_Tr200_D0.5	26.03	350.06	352.05	352.09	352.62	0.016186	3.35			7.77	7.59	1.06
FossoLaBora	18.143*	Max WS	APP_TR200_D1	25.89	349.80	351.85	351.91	352.45	0.017443	3.43			7.55	7.38	1.08
FossoLaBora	18.143*	Max WS	APP_TR200_D2	25.16	349.80	351.83	351.88	352.42	0.017392	3.40			7.40	7.35	1.08
FossoLaBora	18.143*	Max WS	APP_TR200_D3	23.46	349.80	351.79	351.83	352.34	0.017023	3.30			7.10	7.27	1.07
FossoLaBora	18.143*	Max WS	APP_Tr200_D0.5	24.59	349.80	351.81	351.87	352.39	0.017318	3.37			7.30	7.32	1.08
FossoLaBora	18	Max WS	APP_TR200_D1	23.35	349.53	351.60	351.64	352.16	0.017418	3.32			7.03	7.10	1.07
FossoLaBora	18	Max WS	APP_TR200_D2	22.78	349.53	351.58	351.63	352.14	0.017567	3.31			6.88	7.06	1.07
FossoLaBora	18	Max WS	APP_TR200_D3	21.52	349.53	351.54	351.58	352.08	0.017591	3.26			6.61	6.98	1.07
FossoLaBora	18	Max WS	APP_Tr200_D0.5	22.34	349.53	351.56	351.61	352.12	0.017640	3.29			6.78	7.03	1.07
FossoLaBora	17.800*	Max WS	APP_TR200_D1	21.92	349.39	351.39	351.39	351.89	0.015522	3.13			7.00	7.22	1.02
FossoLaBora	17.800*	Max WS	APP_TR200_D2	21.48	349.39	351.36	351.38	351.87	0.016059	3.15			6.82	7.18	1.03
FossoLaBora	17.800*	Max WS	APP_TR200_D3	20.51	349.39	351.32	351.35	351.82	0.016662	3.15			6.52	7.10	1.05
FossoLaBora	17.800*	Max WS	APP_Tr200_D0.5	21.14	349.39	351.34	351.37	351.85	0.016348	3.16			6.70	7.14	1.04
FossoLaBora	17.600*	Max WS	APP_TR200_D1	21.38	349.25	351.19	351.17	351.65	0.013961	3.00			7.13	7.37	0.97
FossoLaBora	17.600*	Max WS	APP_TR200_D2	20.81	349.25	351.16	351.16	351.63	0.014564	3.02			6.90	7.31	0.99
FossoLaBora	17.600*	Max WS	APP_TR200_D3	19.97	349.25	351.11	351.13	351.59	0.015928	3.07			6.50	7.21	1.03
FossoLaBora	17.600*	Max WS	APP_Tr200_D0.5	20.48	349.25	351.14	351.14	351.61	0.015101	3.04			6.74	7.27	1.01
FossoLaBora	17.400*	Max WS	APP_TR200_D1	22.41	349.11	351.01	351.00	351.49	0.014107	3.05			7.34	7.52	0.99
FossoLaBora	17.400*	Max WS	APP_TR200_D2	21.32	349.11	350.97	350.97	351.44	0.014270	3.02			7.06	7.46	0.99
FossoLaBora	17.400*	Max WS	APP_TR200_D3	19.83	349.11	350.90	350.92	351.37	0.015414	3.03			6.54	7.33	1.03
FossoLaBora	17.400*	Max WS	APP_Tr200_D0.5	20.66	349.11	350.95	350.95	351.41	0.014574	3.01			6.86	7.41	1.00
FossoLaBora	17.200*	Max WS	APP_TR200_D1	25.37	348.97	350.81	350.87	351.41	0.017637	3.46			7.34	7.36	1.11
FossoLaBora	17.200*	Max WS	APP_TR200_D2	23.81	348.97	350.77	350.83	351.35	0.017372	3.37			7.07	7.36	1.10
FossoLaBora	17.200*	Max WS	APP_TR200_D3	20.90	348.97	350.69	350.75	351.22	0.017300	3.22			6.50	7.36	1.09
FossoLaBora	17.200*	Max WS	APP_Tr200_D0.5	22.66	348.97	350.74	350.79	351.30	0.017230	3.30			6.86	7.36	1.09
FossoLaBora	17	Max WS	APP_TR200_D1	26.27	348.83	350.55	350.69	351.28	0.022159	3.80			6.92	7.20	1.24
FossoLaBora	17	Max WS	APP_TR200_D2	24.74	348.83	350.51	350.65	351.21	0.021790	3.70			6.69	7.20	1.23
FossoLaBora	17	Max WS	APP_TR200_D3	21.65	348.83	350.44	350.56	351.07	0.021602	3.52			6.14	7.20	1.22
FossoLaBora	17	Max WS	APP_Tr200_D0.5	23.58	348.83	350.49	350.62	351.16	0.021571	3.63			6.50	7.20	1.22
FossoLaBora	16.900*	Max WS	APP_TR200_D1	26.23	348.53	350.23	350.36	350.92	0.021828	3.68			7.13	7.90	1.24
FossoLaBora	16.900*	Max WS	APP_TR200_D2	24.92	348.53	350.20	350.32	350.86	0.021714	3.61			6.91	7.90	1.23
FossoLaBora	16.900*	Max WS	APP_TR200_D3	21.97	348.53	350.13	350.24	350.74	0.021727	3.47			6.33	7.75	1.23
FossoLaBora	16.900*	Max WS	APP_Tr200_D0.5	23.89	348.53	350.17	350.30	350.82	0.021783	3.56			6.72	7.90	1.23
FossoLaBora	16.800*	Max WS	APP_TR200_D1	25.61	348.22	349.92	350.03	350.54	0.020333	3.47			7.38	8.60	1.20
FossoLaBora	16.800*	Max WS	APP_TR200_D2	24.60	348.22	349.89	350.01	350.50	0.020795	3.45			7.12	8.53	1.21
FossoLaBora	16.800*	Max WS	APP_TR200_D3	21.96	348.22	349.81	349.94	350.40	0.021425	3.40			6.46	8.13	1.22
FossoLaBora	16.800*	Max WS	APP_Tr200_D0.5	23.73	348.22	349.87	349.98	350.47	0.021129	3.44			6.90	8.42	1.21

HEC-RAS River: FossoLaBora Reach: FossoLaBora Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
FossoLaBora	16.700*	Max WS	APP_TR200_D1	26.19	347.92	349.63	349.73	350.22	0.020057	3.40			7.69	9.19	1.19
FossoLaBora	16.700*	Max WS	APP_TR200_D2	24.93	347.92	349.59	349.71	350.18	0.020451	3.39			7.35	8.95	1.20
FossoLaBora	16.700*	Max WS	APP_TR200_D3	22.01	347.92	349.50	349.62	350.07	0.021216	3.34			6.58	8.40	1.21
FossoLaBora	16.700*	Max WS	APP_Tr200_D0.5	23.94	347.92	349.56	349.68	350.14	0.020770	3.38			7.08	8.76	1.20
FossoLaBora	16.600*	Max WS	APP_TR200_D1	27.16	347.62	349.34	349.45	349.93	0.020291	3.40			7.98	9.60	1.19
FossoLaBora	16.600*	Max WS	APP_TR200_D2	25.59	347.62	349.30	349.41	349.88	0.020580	3.38			7.57	9.29	1.20
FossoLaBora	16.600*	Max WS	APP_TR200_D3	22.19	347.62	349.20	349.32	349.76	0.021072	3.31			6.69	8.59	1.20
FossoLaBora	16.600*	Max WS	APP_Tr200_D0.5	24.37	347.62	349.26	349.38	349.84	0.020825	3.36			7.25	9.04	1.20
FossoLaBora	16.500*	Max WS	APP_TR200_D1	27.50	347.32	349.05	349.15	349.62	0.019495	3.33			8.26	9.96	1.17
FossoLaBora	16.500*	Max WS	APP_TR200_D2	25.79	347.32	349.01	349.11	349.56	0.019652	3.30			7.82	9.58	1.17
FossoLaBora	16.500*	Max WS	APP_TR200_D3	22.20	347.32	348.90	349.01	349.44	0.020133	3.24			6.85	8.76	1.17
FossoLaBora	16.500*	Max WS	APP_Tr200_D0.5	24.48	347.32	348.97	349.07	349.52	0.019850	3.28			7.46	9.26	1.17
FossoLaBora	16.400*	Max WS	APP_TR200_D1	27.71	347.01	348.78	348.85	349.30	0.017525	3.17			8.74	10.43	1.11
FossoLaBora	16.400*	Max WS	APP_TR200_D2	25.95	347.01	348.74	348.81	349.24	0.017520	3.14			8.26	9.97	1.10
FossoLaBora	16.400*	Max WS	APP_TR200_D3	22.22	347.01	348.62	348.69	349.11	0.018421	3.10			7.16	9.11	1.12
FossoLaBora	16.400*	Max WS	APP_Tr200_D0.5	24.57	347.01	348.70	348.77	349.19	0.017652	3.13			7.86	9.57	1.10
FossoLaBora	16.300*	Max WS	APP_TR200_D1	28.80	346.71	348.55	348.58	349.01	0.015574	3.02			9.53	11.16	1.04
FossoLaBora	16.300*	Max WS	APP_TR200_D2	26.89	346.71	348.50	348.52	348.95	0.015287	2.98			9.03	10.63	1.03
FossoLaBora	16.300*	Max WS	APP_TR200_D3	22.72	346.71	348.37	348.40	348.81	0.015896	2.93			7.76	9.61	1.04
FossoLaBora	16.300*	Max WS	APP_Tr200_D0.5	25.36	346.71	348.46	348.48	348.90	0.015179	2.96			8.58	10.13	1.03
FossoLaBora	16.200*	Max WS	APP_TR200_D1	29.63	346.41	348.34	348.29	348.73	0.012560	2.74			10.81	12.48	0.94
FossoLaBora	16.200*	Max WS	APP_TR200_D2	27.67	346.41	348.30		348.67	0.012154	2.69			10.28	11.86	0.92
FossoLaBora	16.200*	Max WS	APP_TR200_D3	23.31	346.41	348.17		348.52	0.011974	2.63			8.86	10.37	0.91
FossoLaBora	16.200*	Max WS	APP_Tr200_D0.5	26.08	346.41	348.26		348.62	0.011873	2.66			9.81	11.29	0.91
FossoLaBora	16.100*	Max WS	APP_TR200_D1	30.98	346.10	348.19		348.49	0.008531	2.41			12.86	13.35	0.78
FossoLaBora	16.100*	Max WS	APP_TR200_D2	29.03	346.10	348.15		348.44	0.008631	2.36			12.29	13.29	0.78
FossoLaBora	16.100*	Max WS	APP_TR200_D3	24.82	346.10	348.02		348.30	0.008996	2.34			10.60	11.97	0.79
FossoLaBora	16.100*	Max WS	APP_Tr200_D0.5	27.25	346.10	348.11		348.38	0.008695	2.32			11.77	13.25	0.78
FossoLaBora	16	Max WS	APP_TR200_D1	32.18	345.80	348.10		348.31	0.005031	2.02			15.89	14.20	0.61
FossoLaBora	16	Max WS	APP_TR200_D2	30.59	345.80	348.05		348.26	0.005179	2.01			15.24	14.16	0.62
FossoLaBora	16	Max WS	APP_TR200_D3	26.03	345.80	347.92		348.11	0.005738	1.96			13.29	13.98	0.64
FossoLaBora	16	Max WS	APP_Tr200_D0.5	28.95	345.80	348.01		348.21	0.005227	1.97			14.67	14.10	0.62
FossoLaBora	15.800*	Max WS	APP_TR200_D1	32.57	345.68	348.06		348.26	0.004076	1.97			16.50	12.94	0.56
FossoLaBora	15.800*	Max WS	APP_TR200_D2	30.75	345.68	348.02		348.21	0.004016	1.93			15.97	12.94	0.55
FossoLaBora	15.800*	Max WS	APP_TR200_D3	26.18	345.68	347.88		348.05	0.004205	1.85			14.17	12.79	0.56
FossoLaBora	15.800*	Max WS	APP_Tr200_D0.5	29.10	345.68	347.98		348.16	0.003976	1.88			15.46	12.91	0.55
FossoLaBora	15.600*	Max WS	APP_TR200_D1	32.62	345.55	348.03		348.22	0.003257	1.91			17.09	11.68	0.50
FossoLaBora	15.600*	Max WS	APP_TR200_D2	30.84	345.55	347.99		348.17	0.003169	1.86			16.62	11.68	0.50
FossoLaBora	15.600*	Max WS	APP_TR200_D3	26.34	345.55	347.85		348.01	0.003158	1.76			15.00	11.61	0.49
FossoLaBora	15.600*	Max WS	APP_Tr200_D0.5	29.27	345.55	347.95		348.12	0.003113	1.81			16.16	11.68	0.49
FossoLaBora	15.400*	Max WS	APP_TR200_D1	32.18	345.43	348.02		348.19	0.002590	1.83			17.61	10.42	0.45
FossoLaBora	15.400*	Max WS	APP_TR200_D2	30.69	345.43	347.97		348.14	0.002553	1.79			17.15	10.42	0.45
FossoLaBora	15.400*	Max WS	APP_TR200_D3	26.52	345.43	347.83		347.98	0.002502	1.69			15.65	10.41	0.44
FossoLaBora	15.400*	Max WS	APP_Tr200_D0.5	29.30	345.43	347.93		348.09	0.002514	1.75			16.70	10.42	0.44
FossoLaBora	15.200*	Max WS	APP_TR200_D1	31.21	345.30	348.02		348.17	0.002093	1.73			17.99	9.16	0.40
FossoLaBora	15.200*	Max WS	APP_TR200_D2	30.02	345.30	347.97		348.12	0.002084	1.71			17.54	9.16	0.39
FossoLaBora	15.200*	Max WS	APP_TR200_D3	26.57	345.30	347.81		347.95	0.002089	1.65			16.11	9.16	0.40
FossoLaBora	15.200*	Max WS	APP_Tr200_D0.5	28.90	345.30	347.92		348.07	0.002076	1.69			17.11	9.16	0.39
FossoLaBora	15	Max WS	APP_TR200_D1	29.39	345.18	348.04	346.71	348.17	0.001711	1.61			18.20	7.90	0.34
FossoLaBora	15	Max WS	APP_TR200_D2	28.62	345.18	347.98	346.69	348.11	0.001740	1.61			17.76	7.90	0.34
FossoLaBora	15	Max WS	APP_TR200_D3	26.29	345.18	347.80	346.61	347.94	0.001844	1.61			16.37	7.90	0.36
FossoLaBora	15	Max WS	APP_Tr200_D0.5	27.90	345.18	347.93	346.66	348.06	0.001770	1.61			17.33	7.90	0.35
FossoLaBora	14.5			Bridge											
FossoLaBora	14	Max WS	APP_TR200_D1	29.39	345.08	346.62	346.63	347.27	0.015380	3.56			8.25	6.47	1.01
FossoLaBora	14	Max WS	APP_TR200_D2	28.62	345.08	346.60	346.60	347.24	0.015432	3.54			8.09	6.44	1.01
FossoLaBora	14	Max WS	APP_TR200_D3	26.29	345.08	346.50	346.52	347.13	0.016112	3.51			7.50	6.30	1.03
FossoLaBora	14	Max WS	APP_Tr200_D0.5	27.90	345.08	346.57	346.58	347.20	0.015543	3.52			7.92	6.40	1.01
FossoLaBora	13.667*	Max WS	APP_TR200_D1	29.39	344.89	346.48	346.48	347.13	0.014495	3.57			8.23	6.42	1.01
FossoLaBora	13.667*	Max WS	APP_TR200_D2	28.62	344.89	346.45	346.46	347.10	0.014553	3.55			8.06	6.38	1.01
FossoLaBora	13.667*	Max WS	APP_TR200_D3	26.29	344.89	346.35	346.38	346.99	0.015406	3.54			7.43	6.23	1.03
FossoLaBora	13.667*	Max WS	APP_Tr200_D0.5	27.90	344.89	346.43	346.43	347.06	0.014683	3.53			7.89	6.34	1.01
FossoLaBora	13.333*	Max WS	APP_TR200_D1	29.39	344.70	346.34	346.34	346.99	0.014367	3.56			8.24	6.40	1.00
FossoLaBora	13.333*	Max WS	APP_TR200_D2	28.62	344.70	346.32	346.32	346.96	0.014423	3.54			8.08	6.36	1.00
FossoLaBora	13.333*	Max WS	APP_TR200_D3	26.29	344.70	346.21	346.24	346.85	0.015552	3.56			7.39	6.18	1.04
FossoLaBora	13.333*	Max WS	APP_Tr200_D0.5	27.89	344.70	346.29	346.29	346.92	0.014585	3.53			7.90	6.31	1.01
FossoLaBora	13.000*	Max WS	APP_TR200_D1	29.39	344.52	346.21	346.20	346.85	0.014180	3.55			8.29	6.42	1.00
FossoLaBora	13.000*	Max WS	APP_TR200_D2	28.62	344.52	346.18	346.17	346.82	0.014244	3.53			8.11	6.37	1.00
FossoLaBora	13.000*	Max WS	APP_TR200_D3	26.29	344.52	346.06	346.09	346.71	0.015772	3.58			7.35	6.15	1.05
FossoLaBora	13.000*	Max WS	APP_Tr200_D0.5	27.89	344.52	346.15	346.15	346.78	0.014450	3.52			7.92	6.31	1.00
FossoLaBora	12.667*	Max WS	APP_TR200_D1	29.39	344.33	346.07	346.06	346.70	0.013910	3.51			8.36	6.49	0.99
FossoLaBora	12.667*	Max WS	APP_TR200_D2	28.62	344.33	346.05	346.03	346.67	0.013994	3.50			8.18	6.44	0.99
FossoLaBora	12.667*	Max WS	APP_TR200_D3	26.29	344.33	345.91	345.95	346.57	0.016068	3.60			7.31	6.16	1.06
FossoLaBora	12.667*	Max WS	APP_Tr200_D0.5	27.89	344.33	346.01	346.01	346.64	0.014253	3.50			7.98	6.37	1.00
FossoLaBora	12.333*	Max WS	APP_TR200_D1	29.39	344.14	345.95	345.91	346.56	0.012306	3.45			8.52	6.40	0.95
FossoLaBora	12.333*	Max WS	APP_TR200_D2	28.62	344.14	345.92	345.88	346.52	0.012429	3.43			8.34	6.38	0.96
FossoLaBora	12.333*	Max WS	APP_TR200_D3	26.29	344.14	345.76	345.80	346.42	0.015269	3.60			7.31	6.24	1.06
FossoLaBora	12.333*	Max WS	APP_Tr200_D0.5	27.89	344.14	345.88	345.86	346.49	0.012787	3.44			8.11	6.36	0.97
FossoLaBora	12.000*	Max WS	APP_TR200_D1	29.39	343.95	345.84		346.41	0.011291	3.36			8.74	6.25	0.91
FossoLaBora	12.000*	Max WS	APP_TR200_D2	28.62	343.95	345.81		346.38	0.011387	3.35			8.55	6.23	0.91
FossoLaBora	12.000*	Max WS	APP_TR200_D3	26.29	343.95	345.62	345.64	346.26	0.014754	3.57			7.37	6.13	1.04
FossoLaBora	12.000*	Max WS	APP_Tr200_D0.5	27.88	343.95	345.77		346.34	0.011732	3.35			8.31	6.21	0.93
FossoLaBora	11.667*	Max WS	APP_TR200_D1	29.39	343.76	345.73		346.28	0.010269	3.27			9.00	6.10	0.86
FossoLaBora	11.667*	Max WS	APP_TR200_D2	28.62	343.76	345.70		346.24	0.010331	3.25			8.81	6.08	0.86
FossoLaBora	11.667*	Max WS	APP_TR200_D3	26.29	343.76	345.48	345.48	346.11	0.014069	3.53			7.46	5.96	1.01
FossoLaBora	11.667*	Max WS	APP_Tr200_D0.5	27.88	343.76	345.66		346.20	0.010658	3.26			8.56	6.06	0.88
FossoLaBora	11.333*	Max WS	APP_TR200_D1	29.39	343.58	345.64		346.15	0.009293	3.16			9.29	5.95	0.81
FossoLaBora	11.333*	Max WS	APP_TR200_D2	28.62	343.58	345.61		346.11	0.009330	3.14			9.11	5.93	0.81

HEC-RAS River: FossoLaBora Reach: FossoLaBora Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
FossoLaBora	11.333*	Max WS	APP_TR200_D3	26.29	343.58	345.35	345.32	345.96	0.013289	3.47			7.57	5.79	0.97
FossoLaBora	11.333*	Max WS	APP_Tr200_D0.5	27.87	343.58	345.57		346.07	0.009621	3.15			8.84	5.91	0.82
FossoLaBora	11.000*	Max WS	APP_TR200_D1	29.39	343.39	345.56		346.03	0.008402	3.06			9.61	5.79	0.76
FossoLaBora	11.000*	Max WS	APP_TR200_D2	28.62	343.39	345.53		346.00	0.008397	3.04			9.43	5.78	0.76
FossoLaBora	11.000*	Max WS	APP_TR200_D3	26.29	343.39	345.23		345.82	0.012446	3.41			7.72	5.63	0.93
FossoLaBora	11.000*	Max WS	APP_Tr200_D0.5	27.87	343.39	345.48		345.95	0.008648	3.04			9.15	5.76	0.77
FossoLaBora	10.667*	Max WS	APP_TR200_D1	29.39	343.20	345.49		345.93	0.007056	2.94			9.99	5.65	0.71
FossoLaBora	10.667*	Max WS	APP_TR200_D2	28.62	343.20	345.46		345.89	0.007026	2.91			9.82	5.63	0.70
FossoLaBora	10.667*	Max WS	APP_TR200_D3	26.29	343.20	345.12		345.68	0.010827	3.32			7.91	5.46	0.88
FossoLaBora	10.667*	Max WS	APP_Tr200_D0.5	27.86	343.20	345.41		345.84	0.007239	2.92			9.53	5.61	0.72
FossoLaBora	10.333*	Max WS	APP_TR200_D1	29.39	343.01	345.44		345.85	0.006249	2.81			10.44	5.51	0.65
FossoLaBora	10.333*	Max WS	APP_TR200_D2	28.62	343.01	345.41		345.81	0.006193	2.79			10.28	5.49	0.65
FossoLaBora	10.333*	Max WS	APP_TR200_D3	26.29	343.01	345.02		345.55	0.009917	3.23			8.14	5.30	0.83
FossoLaBora	10.333*	Max WS	APP_Tr200_D0.5	27.86	343.01	345.36		345.75	0.006366	2.79			9.97	5.47	0.66
FossoLaBora	10.000*	Max WS	APP_TR200_D1	29.38	342.82	345.40		345.77	0.005526	2.70	0.15		10.90	5.47	0.60
FossoLaBora	10.000*	Max WS	APP_TR200_D2	28.62	342.82	345.37		345.74	0.005478	2.66	0.08		10.75	5.40	0.60
FossoLaBora	10.000*	Max WS	APP_TR200_D3	26.29	342.82	344.93		345.43	0.009102	3.13			8.39	5.14	0.78
FossoLaBora	10.000*	Max WS	APP_Tr200_D0.5	27.86	342.82	345.32		345.68	0.005623	2.67			10.44	5.33	0.61
FossoLaBora	9.667*	Max WS	APP_TR200_D1	29.38	342.64	345.37		345.72	0.004551	2.59	0.37		11.41	5.65	0.56
FossoLaBora	9.667*	Max WS	APP_TR200_D2	28.62	342.64	345.35		345.68	0.004495	2.55	0.33		11.25	5.58	0.55
FossoLaBora	9.667*	Max WS	APP_TR200_D3	26.29	342.64	344.85		345.32	0.007807	3.03			8.67	4.99	0.73
FossoLaBora	9.667*	Max WS	APP_Tr200_D0.5	27.86	342.64	345.29		345.62	0.004601	2.55	0.27		10.94	5.45	0.56
FossoLaBora	9.333*	Max WS	APP_TR200_D1	29.04	342.45	345.37		345.67	0.003875	2.44	0.55		12.05	5.82	0.50
FossoLaBora	9.333*	Max WS	APP_TR200_D2	28.43	342.45	345.33		345.63	0.003872	2.42	0.51		11.86	5.82	0.50
FossoLaBora	9.333*	Max WS	APP_TR200_D3	26.29	342.45	344.79		345.22	0.007086	2.92			9.00	4.84	0.68
FossoLaBora	9.333*	Max WS	APP_Tr200_D0.5	27.83	342.45	345.27		345.57	0.004035	2.44	0.42		11.49	5.82	0.51
FossoLaBora	9	Max WS	APP_TR200_D1	28.28	342.26	345.30	344.30	345.66	0.005275	2.65	0.53		10.81	5.67	0.56
FossoLaBora	9	Max WS	APP_TR200_D2	28.01	342.26	345.26	344.29	345.62	0.005486	2.67	0.46		10.58	5.67	0.58
FossoLaBora	9	Max WS	APP_TR200_D3	26.29	342.26	344.70	344.21	345.22	0.003867	3.20			8.20	4.68	0.69
FossoLaBora	9	Max WS	APP_Tr200_D0.5	27.57	342.26	345.19	344.27	345.57	0.005841	2.72	0.32		10.20	5.67	0.59
FossoLaBora	8.5			Bridge											
FossoLaBora	8	Max WS	APP_TR200_D1	28.28	341.75	342.93	343.53	344.95	0.032419	6.29			4.50	6.60	1.90
FossoLaBora	8	Max WS	APP_TR200_D2	28.01	341.75	342.93	343.52	344.92	0.032287	6.25			4.48	6.60	1.89
FossoLaBora	8	Max WS	APP_TR200_D3	26.28	341.75	342.89	343.45	344.77	0.031612	6.06			4.34	6.58	1.86
FossoLaBora	8	Max WS	APP_Tr200_D0.5	27.57	341.75	342.92	343.51	344.88	0.032111	6.21			4.44	6.60	1.88
FossoLaBora	7.99			Lat Struct											
FossoLaBora	7.98			Lat Struct											
FossoLaBora	7.7500*	Max WS	APP_TR200_D1	28.28	341.66	342.80	343.05	343.74	0.022083	4.30			6.58	7.02	1.42
FossoLaBora	7.7500*	Max WS	APP_TR200_D2	28.00	341.66	342.79	343.04	343.73	0.021996	4.28			6.54	7.01	1.41
FossoLaBora	7.7500*	Max WS	APP_TR200_D3	26.28	341.66	342.76	342.99	343.64	0.021513	4.16			6.32	6.99	1.40
FossoLaBora	7.7500*	Max WS	APP_Tr200_D0.5	27.57	341.66	342.79	343.03	343.71	0.021878	4.25			6.49	7.01	1.41
FossoLaBora	7.5000*	Max WS	APP_TR200_D1	28.28	341.58	342.69	342.93	343.59	0.021224	4.20			6.74	7.53	1.42
FossoLaBora	7.5000*	Max WS	APP_TR200_D2	28.01	341.58	342.69	342.92	343.58	0.021139	4.18			6.70	7.52	1.41
FossoLaBora	7.5000*	Max WS	APP_TR200_D3	26.29	341.58	342.66	342.87	343.49	0.020585	4.05			6.48	7.49	1.39
FossoLaBora	7.5000*	Max WS	APP_Tr200_D0.5	27.57	341.58	342.68	342.91	343.55	0.020987	4.15			6.65	7.51	1.41
FossoLaBora	7.2500*	Max WS	APP_TR200_D1	28.28	341.49	342.58	342.86	343.44	0.021114	4.09			6.91	8.32	1.43
FossoLaBora	7.2500*	Max WS	APP_TR200_D2	28.00	341.49	342.58	342.85	343.43	0.021021	4.07			6.88	8.32	1.43
FossoLaBora	7.2500*	Max WS	APP_TR200_D3	26.29	341.49	342.55	342.80	343.35	0.020397	3.95			6.66	8.26	1.40
FossoLaBora	7.2500*	Max WS	APP_Tr200_D0.5	27.57	341.49	342.57	342.84	343.41	0.020855	4.04			6.83	8.30	1.42
FossoLaBora	7	Max WS	APP_TR200_D1	28.03	341.40	342.49	342.66	343.15	0.015980	3.66	1.56	1.12	8.15	11.68	1.29
FossoLaBora	7	Max WS	APP_TR200_D2	27.76	341.40	342.49	342.65	343.14	0.015950	3.64	1.55	1.11	8.10	11.67	1.29
FossoLaBora	7	Max WS	APP_TR200_D3	26.09	341.40	342.46	342.62	343.08	0.015748	3.55	1.47	1.06	7.81	11.64	1.27
FossoLaBora	7	Max WS	APP_Tr200_D0.5	27.34	341.40	342.48	342.64	343.13	0.015910	3.62	1.53	1.10	8.03	11.66	1.28
FossoLaBora	6.8462*	Max WS	APP_TR200_D1	26.53	341.22	342.35	342.49	342.97	0.015385	3.54	1.34	1.00	7.93	11.83	1.26
FossoLaBora	6.8462*	Max WS	APP_TR200_D2	26.30	341.22	342.34	342.49	342.96	0.015358	3.53	1.33	0.99	7.89	11.83	1.25
FossoLaBora	6.8462*	Max WS	APP_TR200_D3	24.81	341.22	342.32	342.46	342.91	0.015219	3.44	1.24	0.94	7.61	11.79	1.24
FossoLaBora	6.8462*	Max WS	APP_Tr200_D0.5	25.93	341.22	342.34	342.48	342.95	0.015340	3.51	1.31	0.98	7.82	11.82	1.25
FossoLaBora	6.6923*	Max WS	APP_TR200_D1	25.57	341.03	342.21	342.35	342.81	0.014985	3.46	1.12	0.90	7.77	11.99	1.24
FossoLaBora	6.6923*	Max WS	APP_TR200_D2	25.36	341.03	342.20	342.34	342.80	0.014986	3.45	1.10	0.89	7.72	11.98	1.23
FossoLaBora	6.6923*	Max WS	APP_TR200_D3	24.04	341.03	342.18	342.32	342.75	0.014934	3.38	1.02	0.84	7.45	11.95	1.23
FossoLaBora	6.6923*	Max WS	APP_Tr200_D0.5	25.03	341.03	342.20	342.34	342.79	0.014961	3.43	1.08	0.88	7.66	11.97	1.23
FossoLaBora	6.5385*	Max WS	APP_TR200_D1	25.08	340.85	342.07	342.22	342.66	0.014899	3.43	0.88	0.80	7.62	12.14	1.23
FossoLaBora	6.5385*	Max WS	APP_TR200_D2	24.89	340.85	342.07	342.21	342.65	0.014912	3.42	0.86	0.79	7.57	12.14	1.23
FossoLaBora	6.5385*	Max WS	APP_TR200_D3	23.67	340.85	342.04	342.18	342.61	0.014953	3.36	0.76	0.73	7.30	12.10	1.22
FossoLaBora	6.5385*	Max WS	APP_Tr200_D0.5	24.58	340.85	342.06	342.20	342.64	0.014930	3.41	0.84	0.77	7.50	12.13	1.23
FossoLaBora	6.3846*	Max WS	APP_TR200_D1	24.89	340.67	341.93	342.07	342.53	0.015147	3.43	0.59	0.69	7.45	12.30	1.23
FossoLaBora	6.3846*	Max WS	APP_TR200_D2	24.71	340.67	341.93	342.07	342.52	0.015170	3.42	0.57	0.68	7.40	12.29	1.23
FossoLaBora	6.3846*	Max WS	APP_TR200_D3	10.22	340.67	341.92		342.02	0.002695	1.43	0.22	0.28	7.30	12.28	0.52
FossoLaBora	6.3846*	Max WS	APP_Tr200_D0.5	24.42	340.67	341.92	342.06	342.51	0.015189	3.41	0.54	0.67	7.33	12.28	1.23
FossoLaBora	6.2308*	Max WS	APP_TR200_D1	10.75	340.48	341.90		341.99	0.001792	1.28	0.29	0.29	8.70	12.64	0.43
FossoLaBora	6.2308*	Max WS	APP_TR200_D2	5.79	340.48	341.86		341.88	0.000628	0.73	0.13	0.15	8.12	12.56	0.25
FossoLaBora	6.2308*	Max WS	APP_TR200_D3	10.75	340.48	341.90		341.99	0.001793	1.28	0.29	0.29	8.70	12.64	0.43
FossoLaBora	6.2308*	Max WS	APP_Tr200_D0.5	10.75	340.48	341.90		341.99	0.001794	1.28	0.29	0.29	8.70	12.64	0.43
FossoLaBora	6.0769*	Max WS	APP_TR200_D1	11.53	340.30	341.89		341.96	0.001316	1.19	0.32	0.30	10.17	13.06	0.38
FossoLaBora	6.0769*	Max WS	APP_TR200_D2	6.60	340.30	341.85		341.87	0.000503	0.72	0.17	0.17	9.60	12.97	0.23
FossoLaBora	6.0769*	Max WS	APP_TR200_D3	11.54	340.30	341.89		341.96	0.001316	1.19	0.32	0.30	10.17	13.06	0.38
FossoLaBora	6.0769*	Max WS	APP_Tr200_D0.5	11.53	340.30	341.89		341.96	0.001315	1.19	0.32	0.30	10.17	13.06	0.38
FossoLaBora	5.9231*	Max WS	APP_TR200_D1	12.90	340.12	341.87		341.94	0.001137	1.19	0.35	0.31	11.55	13.50	0.36
FossoLaBora	5.9231*	Max WS	APP_TR200_D2	7.99	340.12	341.83		341.86	0.000492	0.76	0.21	0.19	11.06	13.41	0.23
FossoLaBora	5.9231*	Max WS	APP_TR200_D3	12.90	340.12	341.87		341.94	0.001138	1.19	0.35	0.31	11.55	13.50	0.36
FossoLaBora	5.9231*	Max WS	APP_Tr200_D0.5	12.89	340.12	341.87		341.94	0.001138	1.19	0.35	0.31	11.55	13.50	0.36
FossoLaBora	5.7692*	Max WS	APP_TR200_D1	14.89	339.93	341.83		341.91	0.001113	1.24	0.39	0.33	12.87	14.00	0.36
FossoLaBora	5.7692*	Max WS	APP_TR200_D2	10.00	339.93	341.80		341.84	0.000547	0.86	0.25	0.22	12.48	13.92	0.25
FossoLaBora	5.7692*	Max WS	APP_TR200_D3	14.89	339.93	341.83		341.91	0.001114	1.24	0.39	0.33	12.87	14.00	0.36
FossoLaBora	5.7692*	Max WS	APP_Tr200_D0.5	14.88	339.93	341.83		341.91	0.001113	1.24	0.39	0.33	12.86	14.00	0.36

HEC-RAS River: FossoLaBora Reach: FossoLaBora Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
FossoLaBora	5.6154*	Max WS	APP_TR200_D1	17.51	339.75	341.79		341.87	0.001191	1.34	0.43	0.36	14.09	14.60	0.37
FossoLaBora	5.6154*	Max WS	APP_TR200_D2	12.67	339.75	341.77		341.82	0.000654	0.99	0.31	0.26	13.85	14.53	0.27
FossoLaBora	5.6154*	Max WS	APP_TR200_D3	17.51	339.75	341.79		341.87	0.001191	1.34	0.43	0.36	14.09	14.60	0.37
FossoLaBora	5.6154*	Max WS	APP_Tr200_D0.5	17.50	339.75	341.79		341.87	0.001190	1.34	0.43	0.36	14.09	14.60	0.37
FossoLaBora	5.4615*	Max WS	APP_TR200_D1	20.78	339.56	341.73		341.84	0.001352	1.48	0.47	0.38	15.28	15.63	0.40
FossoLaBora	5.4615*	Max WS	APP_TR200_D2	16.01	339.56	341.72		341.79	0.000817	1.15	0.36	0.30	15.18	15.59	0.31
FossoLaBora	5.4615*	Max WS	APP_TR200_D3	20.76	339.56	341.73		341.84	0.001350	1.48	0.47	0.38	15.28	15.63	0.40
FossoLaBora	5.4615*	Max WS	APP_Tr200_D0.5	20.74	339.56	341.73		341.84	0.001347	1.48	0.47	0.38	15.28	15.63	0.40
FossoLaBora	5.3077*	Max WS	APP_TR200_D1	24.61	339.38	341.66		341.80	0.001554	1.64	0.52	0.44	16.72	17.57	0.43
FossoLaBora	5.3077*	Max WS	APP_TR200_D2	19.79	339.38	341.67		341.75	0.000996	1.31	0.42	0.35	16.78	17.57	0.34
FossoLaBora	5.3077*	Max WS	APP_TR200_D3	24.61	339.38	341.66		341.80	0.001555	1.64	0.52	0.44	16.72	17.57	0.43
FossoLaBora	5.3077*	Max WS	APP_Tr200_D0.5	24.57	339.38	341.66		341.80	0.001551	1.64	0.52	0.44	16.71	17.57	0.43
FossoLaBora	5.1538*	Max WS	APP_TR200_D1	28.11	339.20	341.61		341.75	0.001611	1.73	0.55	0.60	18.39	17.57	0.44
FossoLaBora	5.1538*	Max WS	APP_TR200_D2	23.29	339.20	341.62		341.72	0.001074	1.42	0.46	0.49	18.60	17.57	0.36
FossoLaBora	5.1538*	Max WS	APP_TR200_D3	28.11	339.20	341.61		341.75	0.001611	1.73	0.55	0.60	18.39	17.57	0.44
FossoLaBora	5.1538*	Max WS	APP_Tr200_D0.5	28.12	339.20	341.61		341.75	0.001613	1.73	0.55	0.60	18.39	17.57	0.44
FossoLaBora	5	Max WS	APP_TR200_D1	30.21	339.02	341.59		341.72	0.001389	1.67	0.56	0.68	20.59	17.57	0.41
FossoLaBora	5	Max WS	APP_TR200_D2	25.32	339.02	341.60		341.70	0.000942	1.39	0.47	0.57	20.85	17.57	0.34
FossoLaBora	5	Max WS	APP_TR200_D3	30.22	339.02	341.59		341.72	0.001389	1.67	0.56	0.68	20.59	17.57	0.41
FossoLaBora	5	Max WS	APP_Tr200_D0.5	30.20	339.02	341.59		341.72	0.001388	1.67	0.56	0.68	20.59	17.57	0.41
FossoLaBora	4.5000*	Max WS	APP_TR200_D1	32.03	338.76	341.58		341.69	0.000958	1.51	0.57	0.65	24.54	18.20	0.35
FossoLaBora	4.5000*	Max WS	APP_TR200_D2	26.97	338.76	341.60		341.67	0.000658	1.26	0.48	0.54	24.84	18.20	0.29
FossoLaBora	4.5000*	Max WS	APP_TR200_D3	32.03	338.76	341.58		341.69	0.000959	1.51	0.57	0.65	24.54	18.20	0.35
FossoLaBora	4.5000*	Max WS	APP_Tr200_D0.5	32.02	338.76	341.58		341.69	0.000958	1.51	0.57	0.65	24.54	18.20	0.35
FossoLaBora	4.0000*	Max WS	APP_TR200_D1	33.50	338.51	341.58		341.67	0.000668	1.36	0.55	0.61	28.83	18.83	0.30
FossoLaBora	4.0000*	Max WS	APP_TR200_D2	28.24	338.51	341.60		341.66	0.000461	1.13	0.46	0.51	29.14	18.83	0.25
FossoLaBora	4.0000*	Max WS	APP_TR200_D3	33.52	338.51	341.58		341.67	0.000669	1.36	0.55	0.61	28.83	18.83	0.30
FossoLaBora	4.0000*	Max WS	APP_Tr200_D0.5	33.49	338.51	341.58		341.67	0.000668	1.36	0.55	0.61	28.83	18.83	0.30
FossoLaBora	3.5000*	Max WS	APP_TR200_D1	34.70	338.26	341.58		341.65	0.000474	1.23	0.53	0.56	33.39	19.46	0.25
FossoLaBora	3.5000*	Max WS	APP_TR200_D2	29.11	338.26	341.60		341.65	0.000325	1.02	0.44	0.47	33.72	19.46	0.21
FossoLaBora	3.5000*	Max WS	APP_TR200_D3	34.71	338.26	341.58		341.65	0.000475	1.23	0.53	0.56	33.39	19.46	0.25
FossoLaBora	3.5000*	Max WS	APP_Tr200_D0.5	34.67	338.26	341.58		341.65	0.000473	1.22	0.53	0.56	33.39	19.46	0.25
FossoLaBora	3.0000*	Max WS	APP_TR200_D1	35.21	338.01	341.59		341.64	0.000332	1.09	0.49	0.51	38.28	20.09	0.22
FossoLaBora	3.0000*	Max WS	APP_TR200_D2	29.26	338.01	341.61		341.64	0.000224	0.90	0.41	0.42	38.60	20.09	0.18
FossoLaBora	3.0000*	Max WS	APP_TR200_D3	35.21	338.01	341.59		341.64	0.000333	1.09	0.49	0.51	38.28	20.09	0.22
FossoLaBora	3.0000*	Max WS	APP_Tr200_D0.5	35.18	338.01	341.59		341.64	0.000332	1.09	0.49	0.51	38.28	20.09	0.22
FossoLaBora	2.5000*	Max WS	APP_TR200_D1	34.58	337.76	341.60		341.64	0.000224	0.95	0.44	0.45	43.49	20.73	0.18
FossoLaBora	2.5000*	Max WS	APP_TR200_D2	28.02	337.76	341.61		341.64	0.000144	0.76	0.36	0.36	43.81	20.73	0.14
FossoLaBora	2.5000*	Max WS	APP_TR200_D3	34.58	337.76	341.60		341.64	0.000224	0.95	0.44	0.45	43.49	20.73	0.18
FossoLaBora	2.5000*	Max WS	APP_Tr200_D0.5	34.55	337.76	341.60		341.64	0.000223	0.95	0.44	0.45	43.49	20.73	0.18
FossoLaBora	2.0000*	Max WS	APP_TR200_D1	29.37	337.51	341.62		341.64	0.000114	0.72	0.34	0.35	49.22	21.36	0.13
FossoLaBora	2.0000*	Max WS	APP_TR200_D2	21.90	337.51	341.63		341.64	0.000062	0.53	0.25	0.26	49.48	21.36	0.10
FossoLaBora	2.0000*	Max WS	APP_TR200_D3	29.38	337.51	341.62		341.64	0.000114	0.72	0.34	0.35	49.22	21.36	0.13
FossoLaBora	2.0000*	Max WS	APP_Tr200_D0.5	29.31	337.51	341.62		341.64	0.000113	0.72	0.34	0.35	49.22	21.36	0.13
FossoLaBora	1.5000*	Max WS	APP_TR200_D1	13.67	337.25	341.65		341.65	0.000018	0.30	0.15	0.15	55.37	21.99	0.05
FossoLaBora	1.5000*	Max WS	APP_TR200_D2	6.15	337.25	341.65		341.65	0.000004	0.13	0.07	0.07	55.41	21.99	0.02
FossoLaBora	1.5000*	Max WS	APP_TR200_D3	13.68	337.25	341.65		341.65	0.000018	0.30	0.15	0.15	55.37	21.99	0.05
FossoLaBora	1.5000*	Max WS	APP_Tr200_D0.5	13.60	337.25	341.65		341.65	0.000018	0.30	0.14	0.14	55.37	21.99	0.05
FossoLaBora	1	Max WS	APP_TR200_D1	13.65	337.00	341.65		341.65	0.000013	0.27	0.13	0.13	61.17	22.62	0.05
FossoLaBora	1	Max WS	APP_TR200_D2	6.14	337.00	341.65		341.65	0.000003	0.12	0.06	0.06	61.20	22.62	0.02
FossoLaBora	1	Max WS	APP_TR200_D3	13.66	337.00	341.65		341.65	0.000013	0.27	0.13	0.13	61.17	22.62	0.05
FossoLaBora	1	Max WS	APP_Tr200_D0.5	13.58	337.00	341.65		341.65	0.000013	0.27	0.13	0.13	61.17	22.62	0.05
FossoLaBora	0.75000*	Max WS	APP_TR200_D1	13.65	336.96	341.65		341.65	0.000010	0.24	0.13	0.12	72.61	25.77	0.04
FossoLaBora	0.75000*	Max WS	APP_TR200_D2	6.12	336.96	341.65		341.65	0.000002	0.11	0.06	0.06	72.62	25.77	0.02
FossoLaBora	0.75000*	Max WS	APP_TR200_D3	13.66	336.96	341.65		341.65	0.000010	0.24	0.13	0.12	72.60	25.77	0.04
FossoLaBora	0.75000*	Max WS	APP_Tr200_D0.5	13.57	336.96	341.65		341.65	0.000009	0.24	0.13	0.12	72.60	25.77	0.04
FossoLaBora	0.50000*	Max WS	APP_TR200_D1	13.64	336.91	341.65		341.65	0.000007	0.21	0.12	0.11	85.68	28.93	0.03
FossoLaBora	0.50000*	Max WS	APP_TR200_D2	6.12	336.91	341.65		341.65	0.000001	0.09	0.05	0.05	85.69	28.93	0.01
FossoLaBora	0.50000*	Max WS	APP_TR200_D3	13.65	336.91	341.65		341.65	0.000007	0.21	0.12	0.11	85.68	28.93	0.03
FossoLaBora	0.50000*	Max WS	APP_Tr200_D0.5	13.57	336.91	341.65		341.65	0.000007	0.21	0.12	0.11	85.68	28.93	0.03
FossoLaBora	0.25000*	Max WS	APP_TR200_D1	13.63	336.87	341.65		341.65	0.000005	0.18	0.11	0.10	100.39	32.09	0.03
FossoLaBora	0.25000*	Max WS	APP_TR200_D2	6.12	336.87	341.65		341.65	0.000001	0.08	0.05	0.05	100.40	32.09	0.01
FossoLaBora	0.25000*	Max WS	APP_TR200_D3	13.65	336.87	341.65		341.65	0.000005	0.18	0.11	0.10	100.39	32.09	0.03
FossoLaBora	0.25000*	Max WS	APP_Tr200_D0.5	13.56	336.87	341.65		341.65	0.000005	0.18	0.11	0.10	100.39	32.09	0.03
FossoLaBora	0	Max WS	APP_TR200_D1	13.62	336.82	341.65	337.95	341.65	0.000003	0.16	0.10	0.09	116.74	35.24	0.02
FossoLaBora	0	Max WS	APP_TR200_D2	6.11	336.82	341.65	337.58	341.65	0.000001	0.07	0.05	0.04	116.74	35.24	0.01
FossoLaBora	0	Max WS	APP_TR200_D3	13.64	336.82	341.65	337.95	341.65	0.000003	0.16	0.10	0.09	116.74	35.24	0.02
FossoLaBora	0	Max WS	APP_Tr200_D0.5	13.56	336.82	341.65	337.95	341.65	0.000003	0.16	0.10	0.09	116.74	35.24	0.02

ALLEGATI

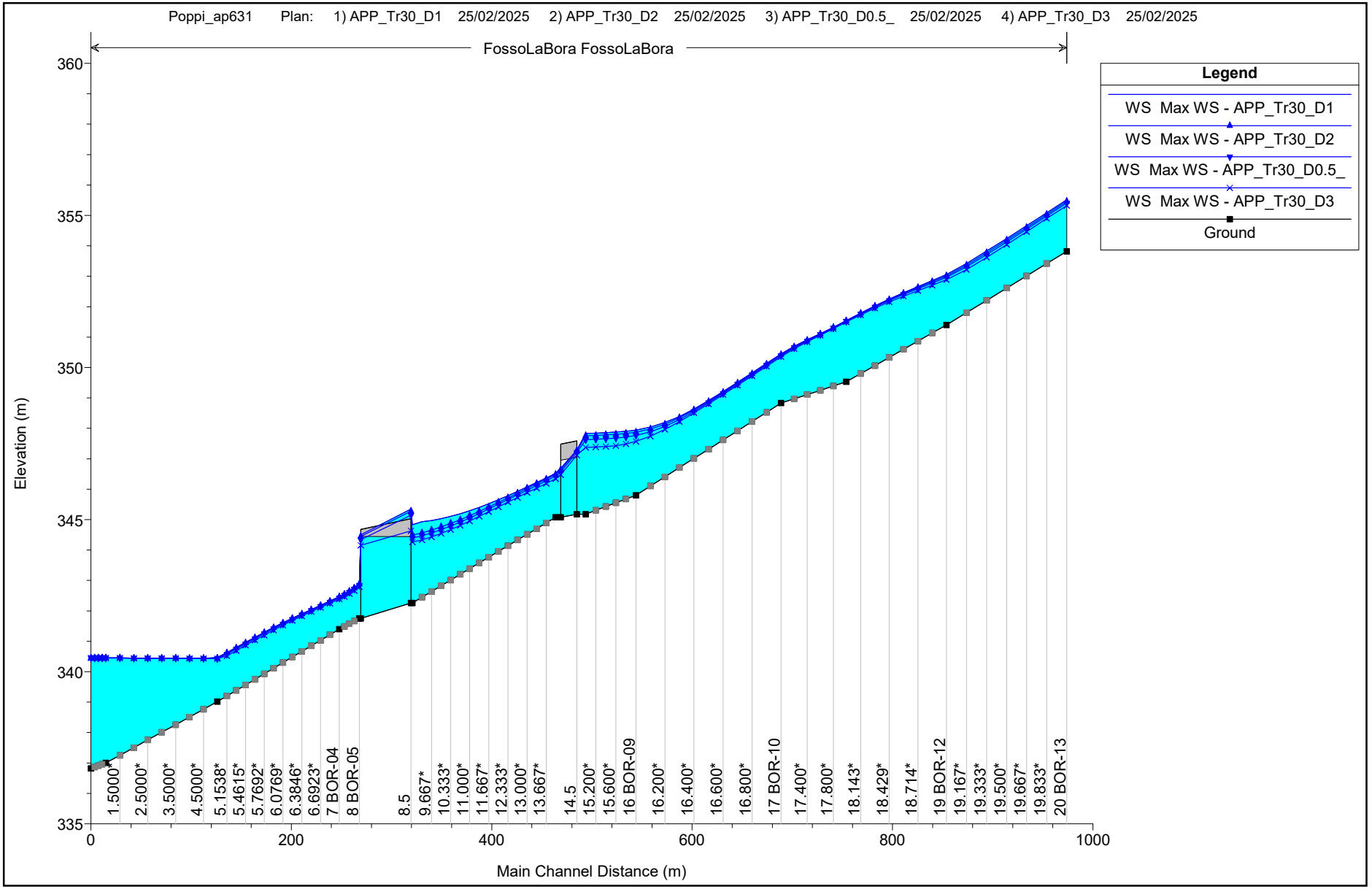
MODELLAZIONE HEC-RAS 6.3.1 "POPPI_AP631"

FOSSO LA BORA

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 0.5, 1, 2 e 3h

Profilo longitudinale


Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
FossoLaBora FossoLaBora
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Elevation (m)
Main Channel Distance (m)
360
355
350
345
340
335
0
200
400
600
800
1000
1.5000*
2.5000*
3.5000*
4.5000*
5.1538*
5.4615*
5.7692*
6.0769*
6.3846*
6.6923*
7 BOR-04
8 BOR-05
8.5
9.667*
10.333*
11.000*
11.667*
12.333*
13.000*
13.667*
14.5
15.200*
15.600*
16 BOR-09
16.200*
16.400*
16.600*
16.800*
17 BOR-10
17.400*
17.800*
18.143*
18.429*
18.714*
19 BOR-12
19.167*
19.333*
19.500*
19.667*
19.833*
20 BOR-13

ALLEGATI

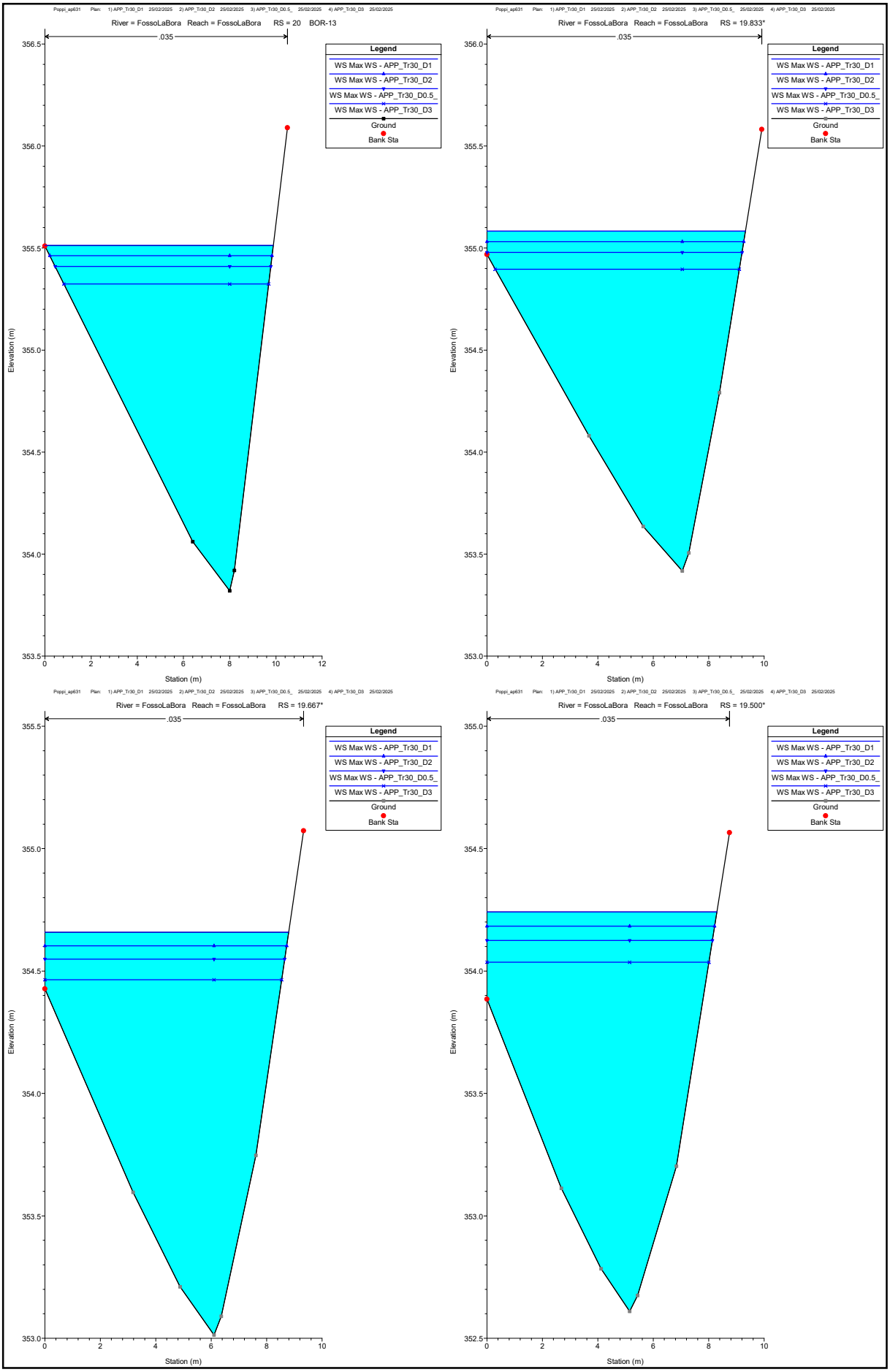
MODELLAZIONE HEC-RAS 6.3.1 "POPPI_AP631"

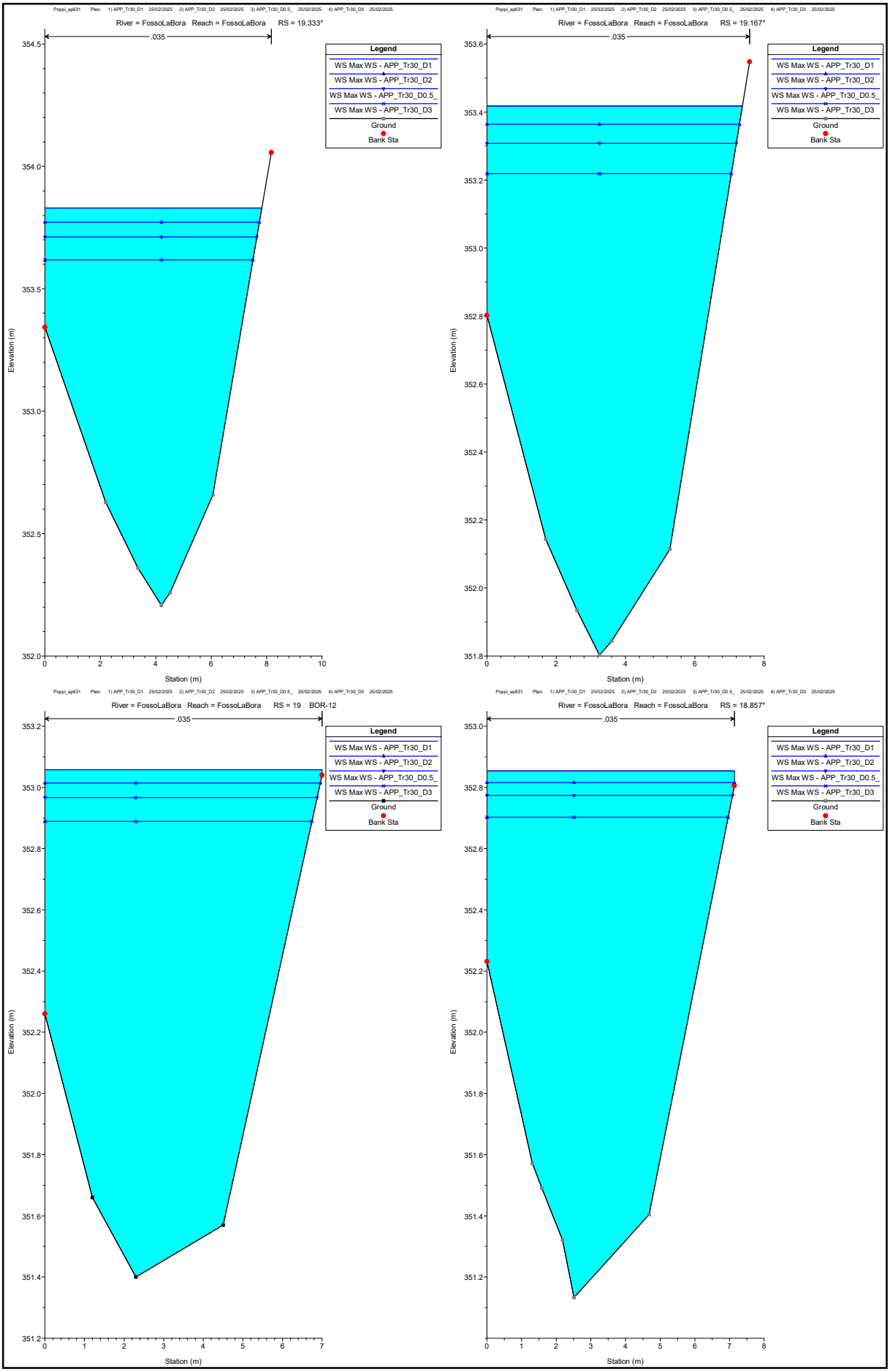
FOSSO LA BORA

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 0.5, 1, 2 e 3h

Sezioni Trasversali (da monte verso valle)


Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 20 BOR-13
.035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 19.833*
.035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 19.667*
.035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 19.500*
.035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)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River = FossoLaBora Reach = FossoLaBora RS = 19.333*
.035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 19.167*
.035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 19 BOR-12
.035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 18.857*
.035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
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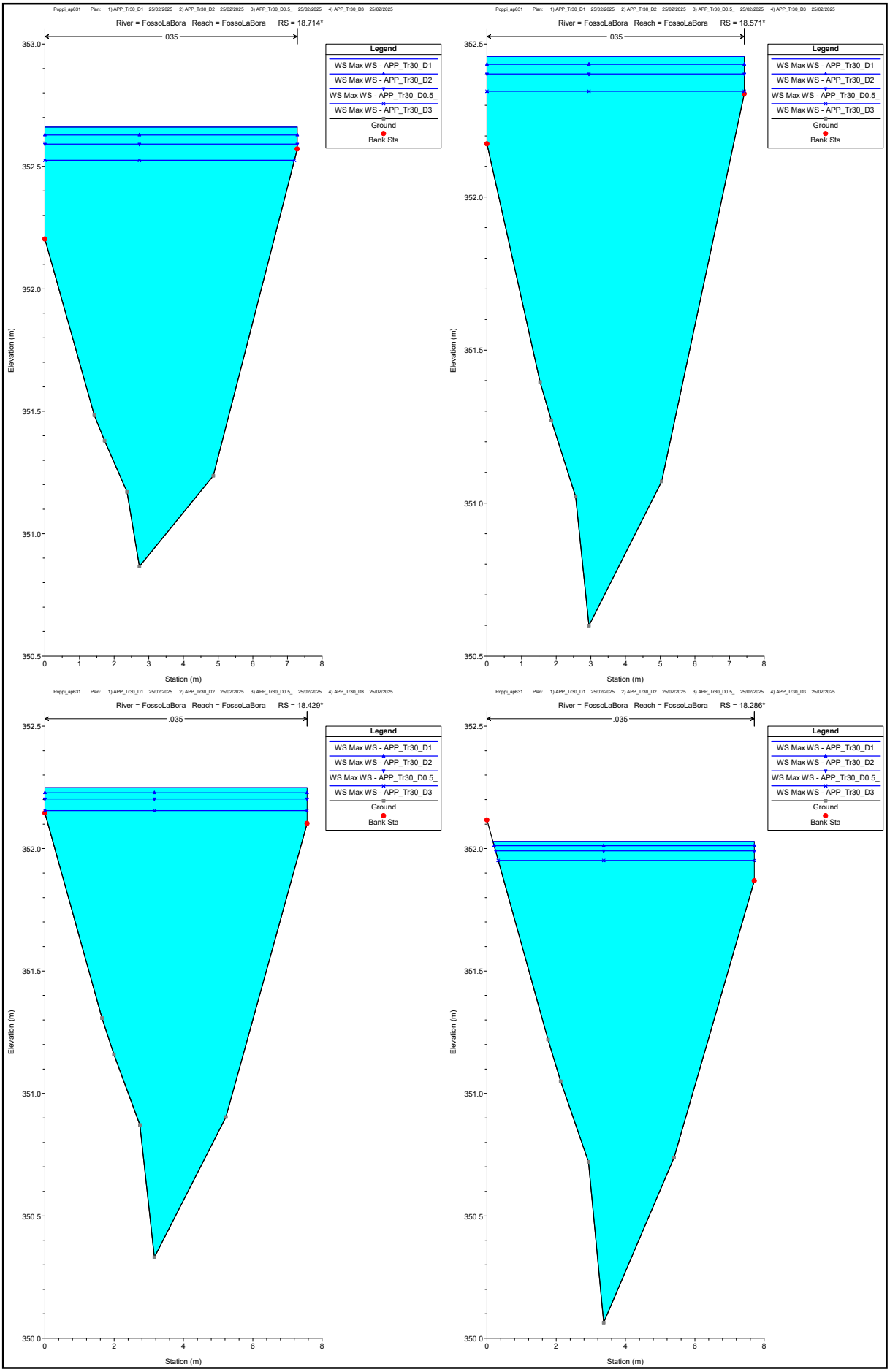
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)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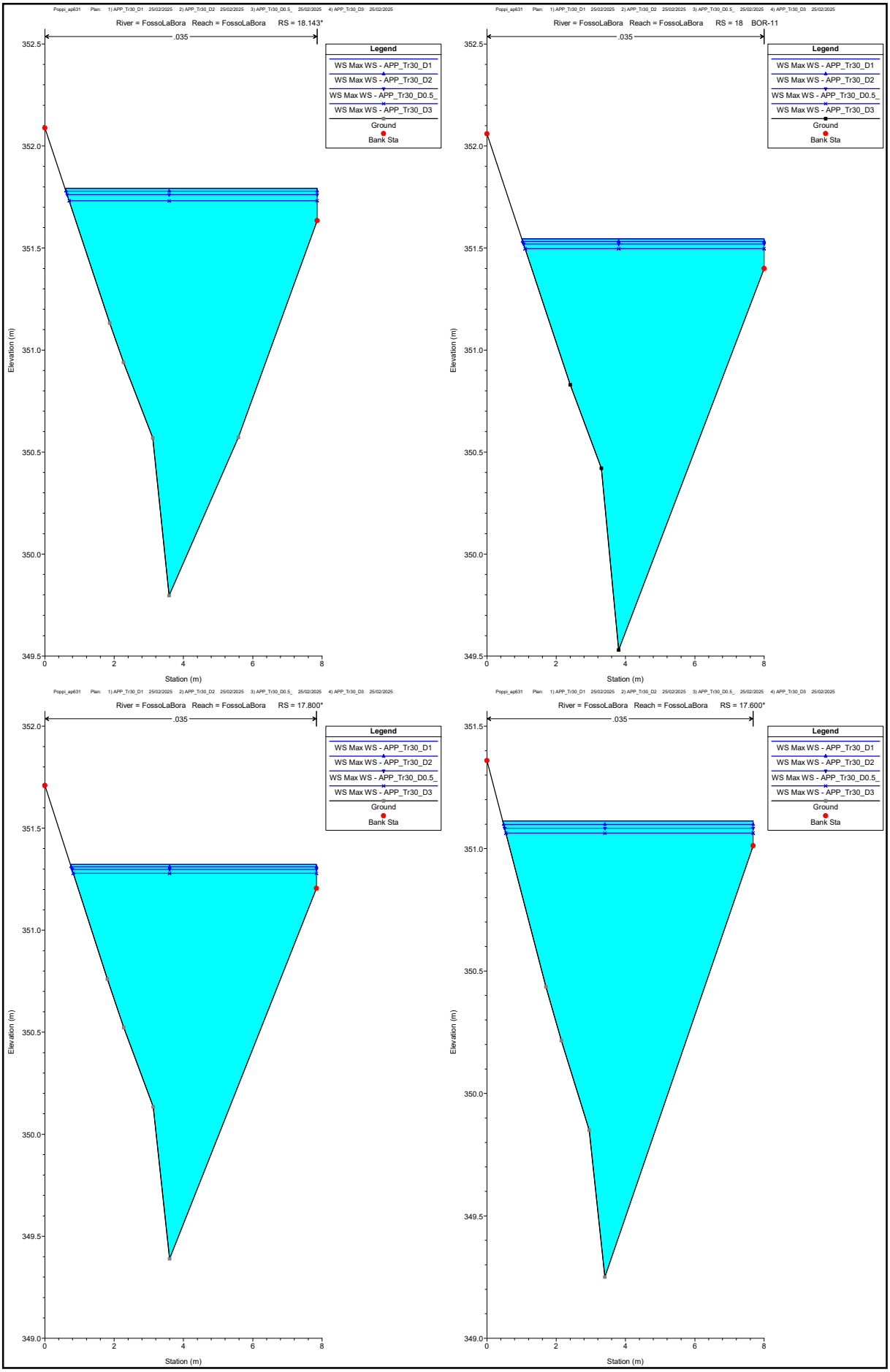
River = FossoLaBora Reach = FossoLaBora RS = 18.714*
.035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 18.571*
.035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 18.429*
.035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 18.286*
.035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)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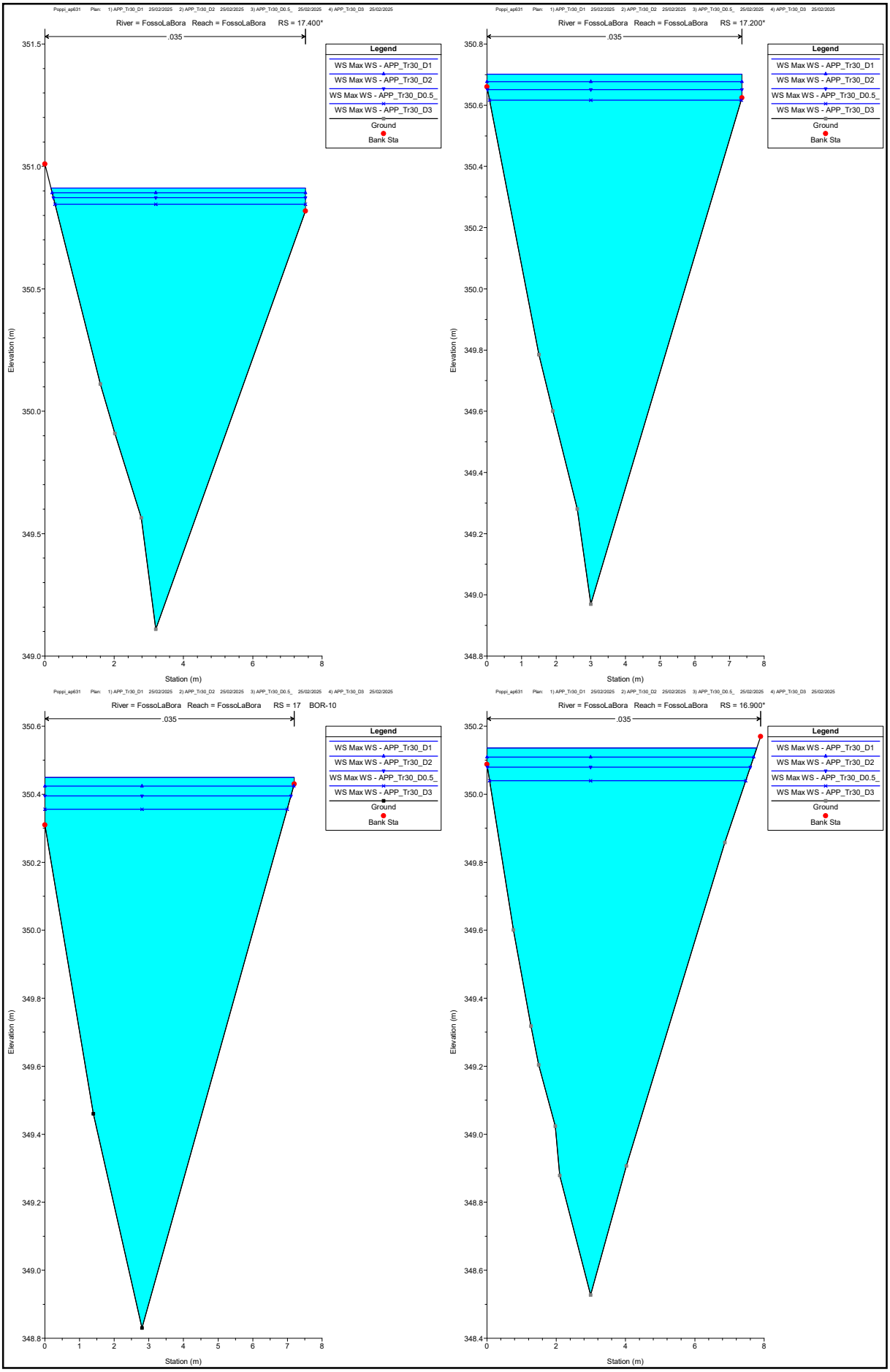
River = FossoLaBora Reach = FossoLaBora RS = 18.143*
.035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 18 BOR-11
.035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 17.800*
.035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 17.600*
.035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)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River = FossoLaBora Reach = FossoLaBora RS = 17.400*
.035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 17.200*
.035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 17 BOR-10
.035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 16.900*
.035
Legend
WS Max WS - APP_Tr30_D1
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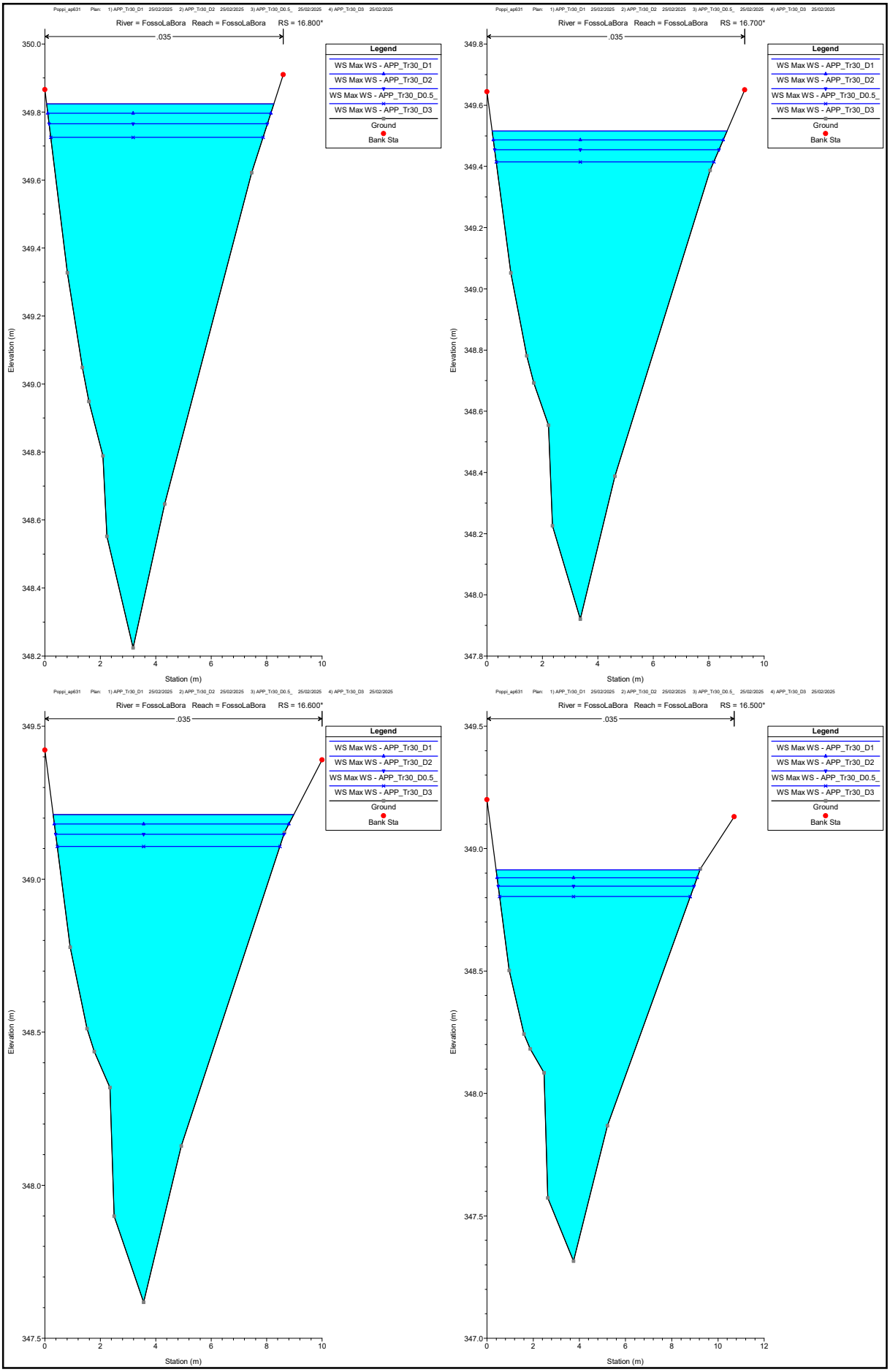
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)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River = FossoLaBora Reach = FossoLaBora RS = 16.800*
.035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 16.700*
.035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 16.600*
.035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 16.500*
.035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
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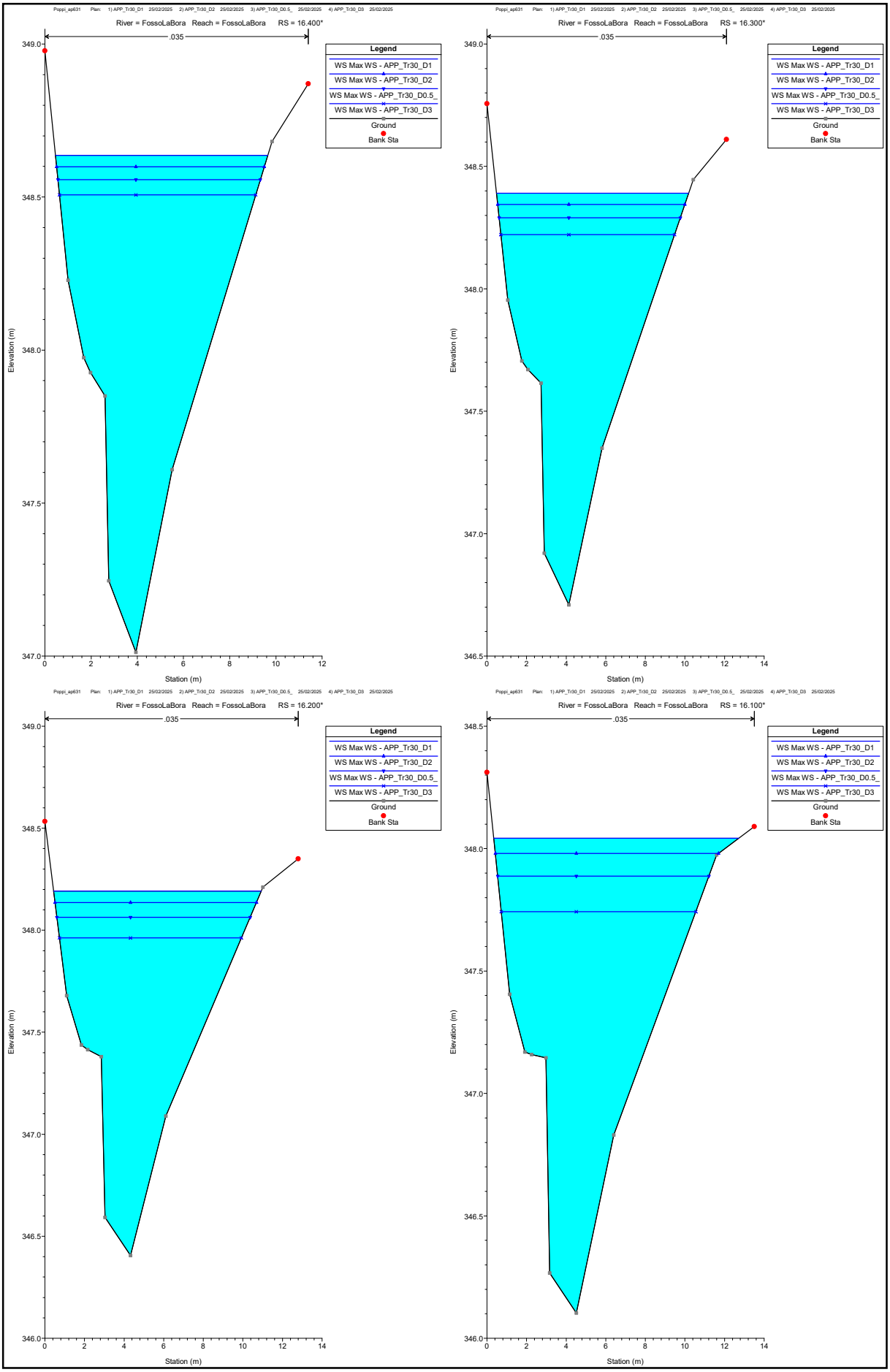
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)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River = FossoLaBora Reach = FossoLaBora RS = 16.400*
.035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 16.300*
.035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 16.200*
.035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 16.100*
.035
Legend
WS Max WS - APP_Tr30_D1
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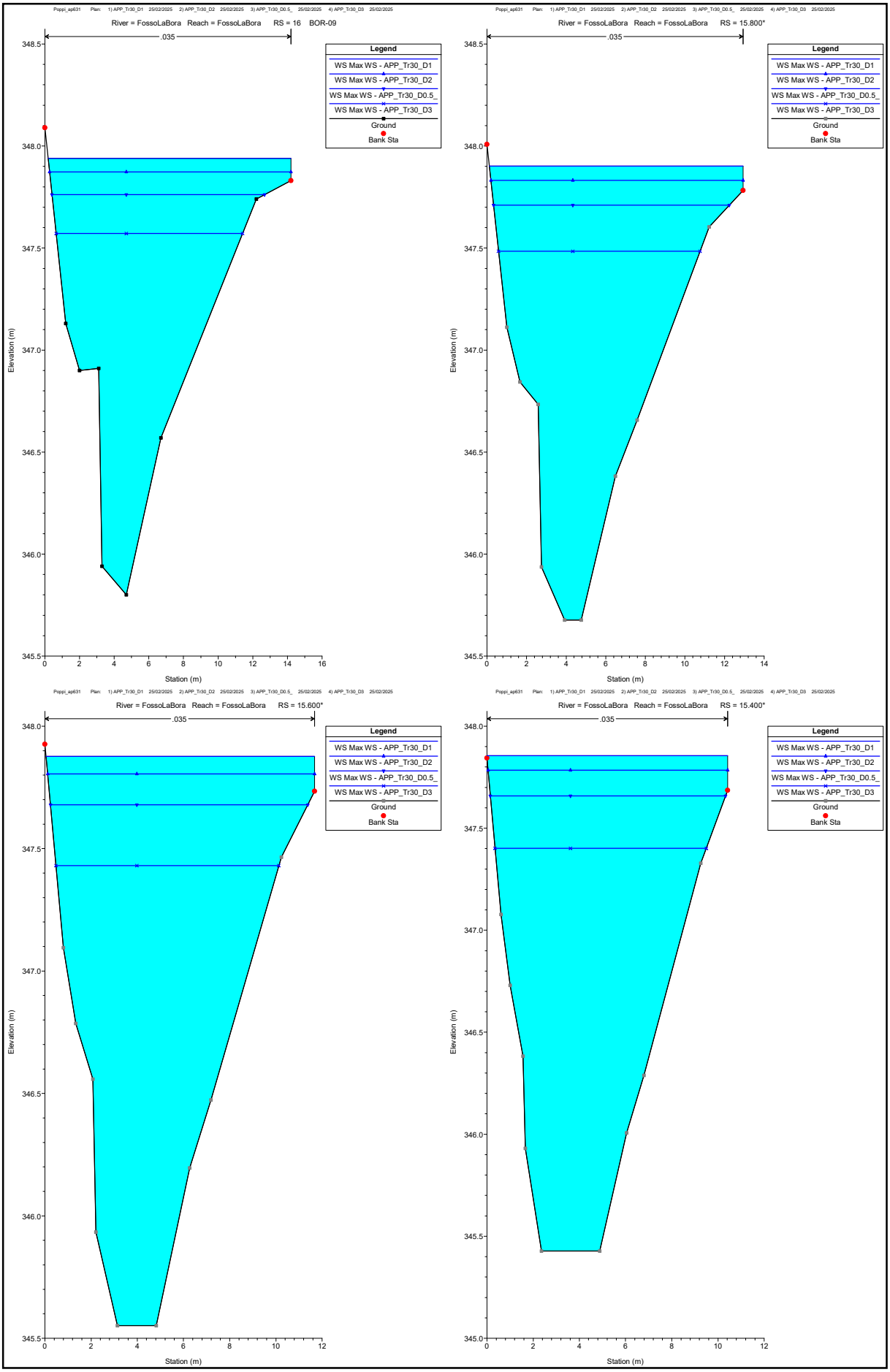
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)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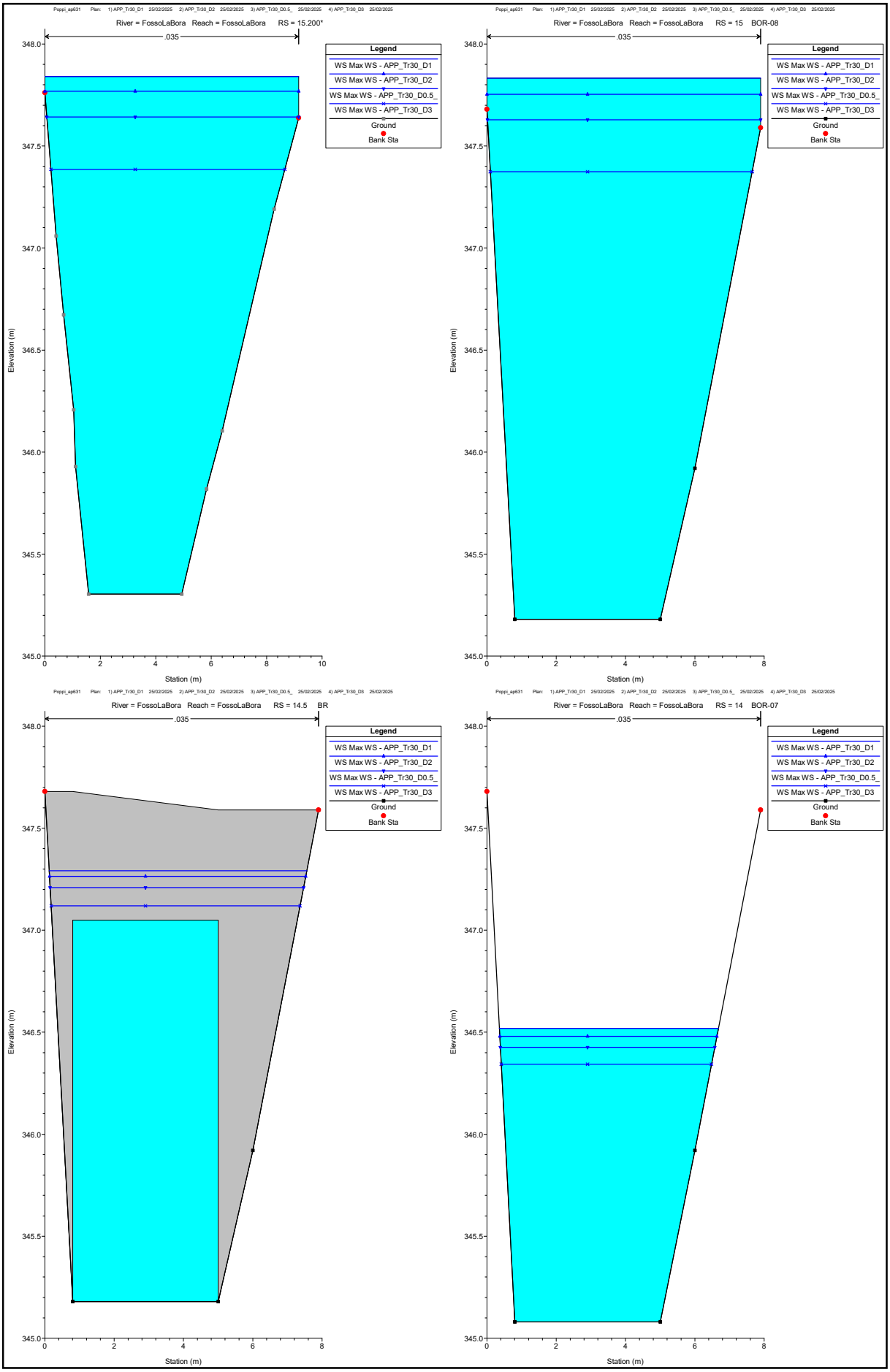
River = FossoLaBora Reach = FossoLaBora RS = 16 BOR-09
.035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 15.800*
.035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 15.600*
.035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 15.400*
.035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)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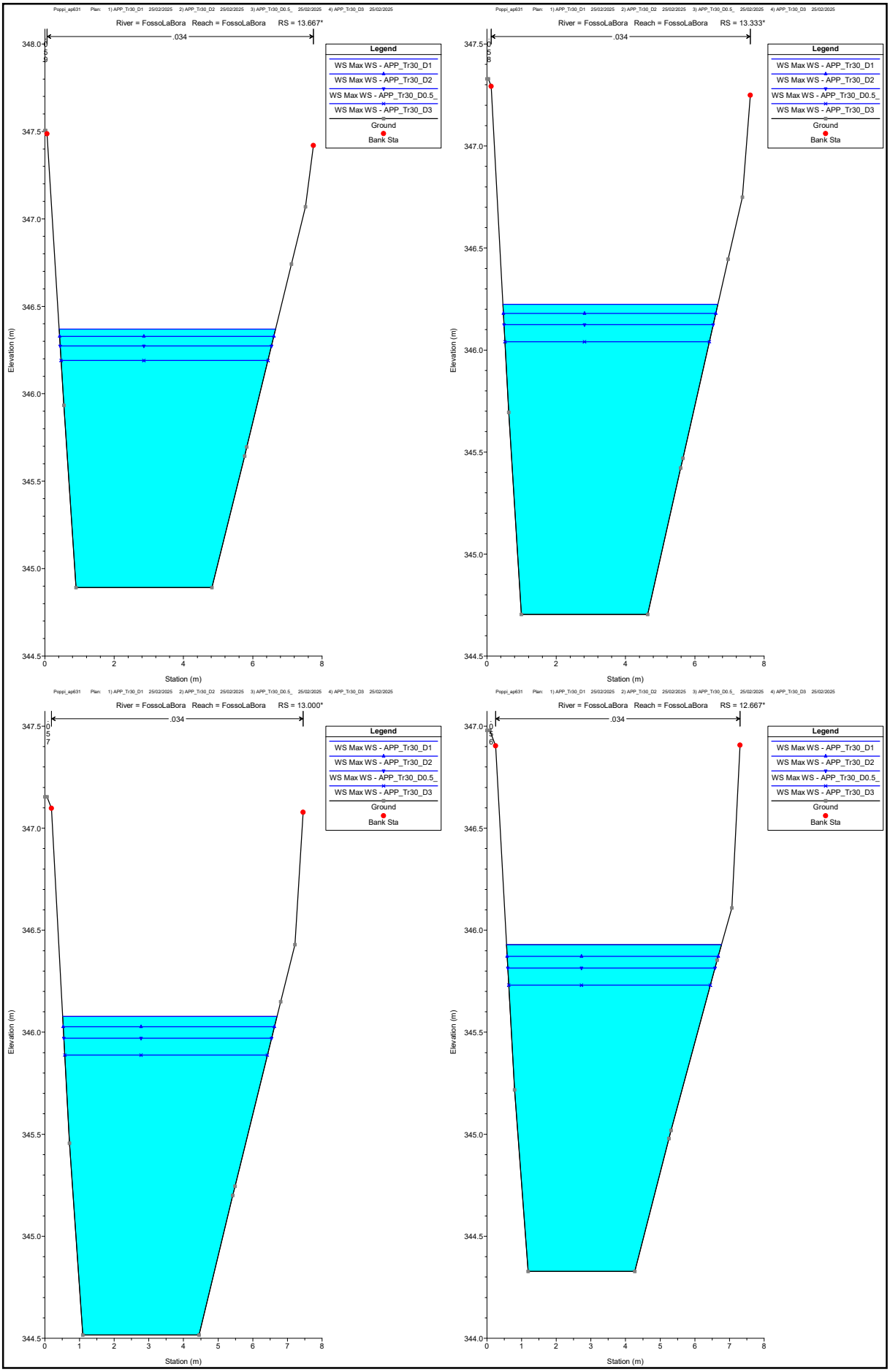
River = FossoLaBora Reach = FossoLaBora RS = 15.200*
.035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 15 BOR-08
.035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 14.5 BR
.035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 14 BOR-07
.035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)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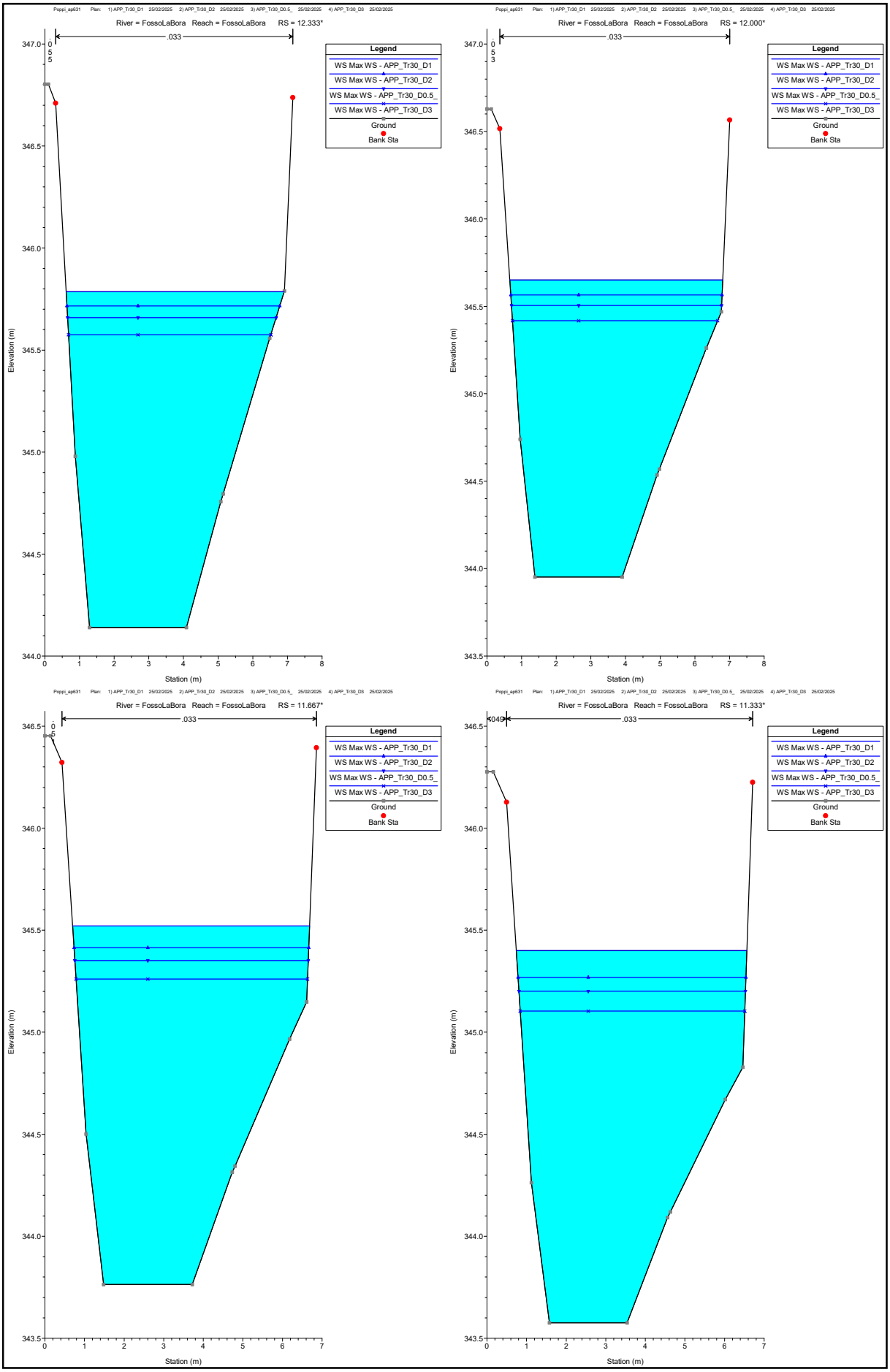
River = FossoLaBora Reach = FossoLaBora RS = 13.667*
.034
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 13.333*
.034
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 13.000*
.034
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 12.667*
.034
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)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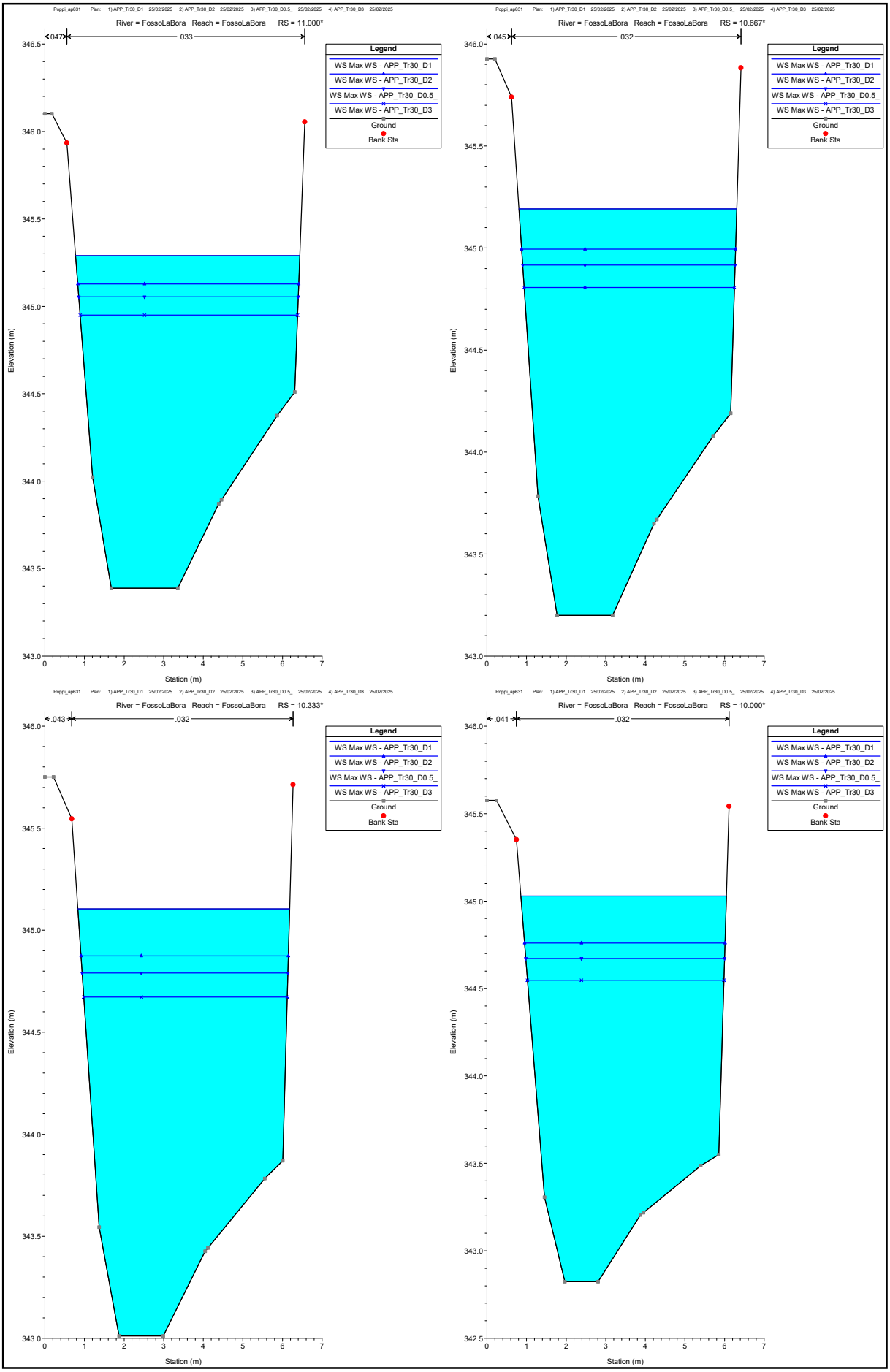
River = FossoLaBora Reach = FossoLaBora RS = 12.333*
.033
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 12.000*
.033
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 11.667*
.033
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 11.333*
.049
.033
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)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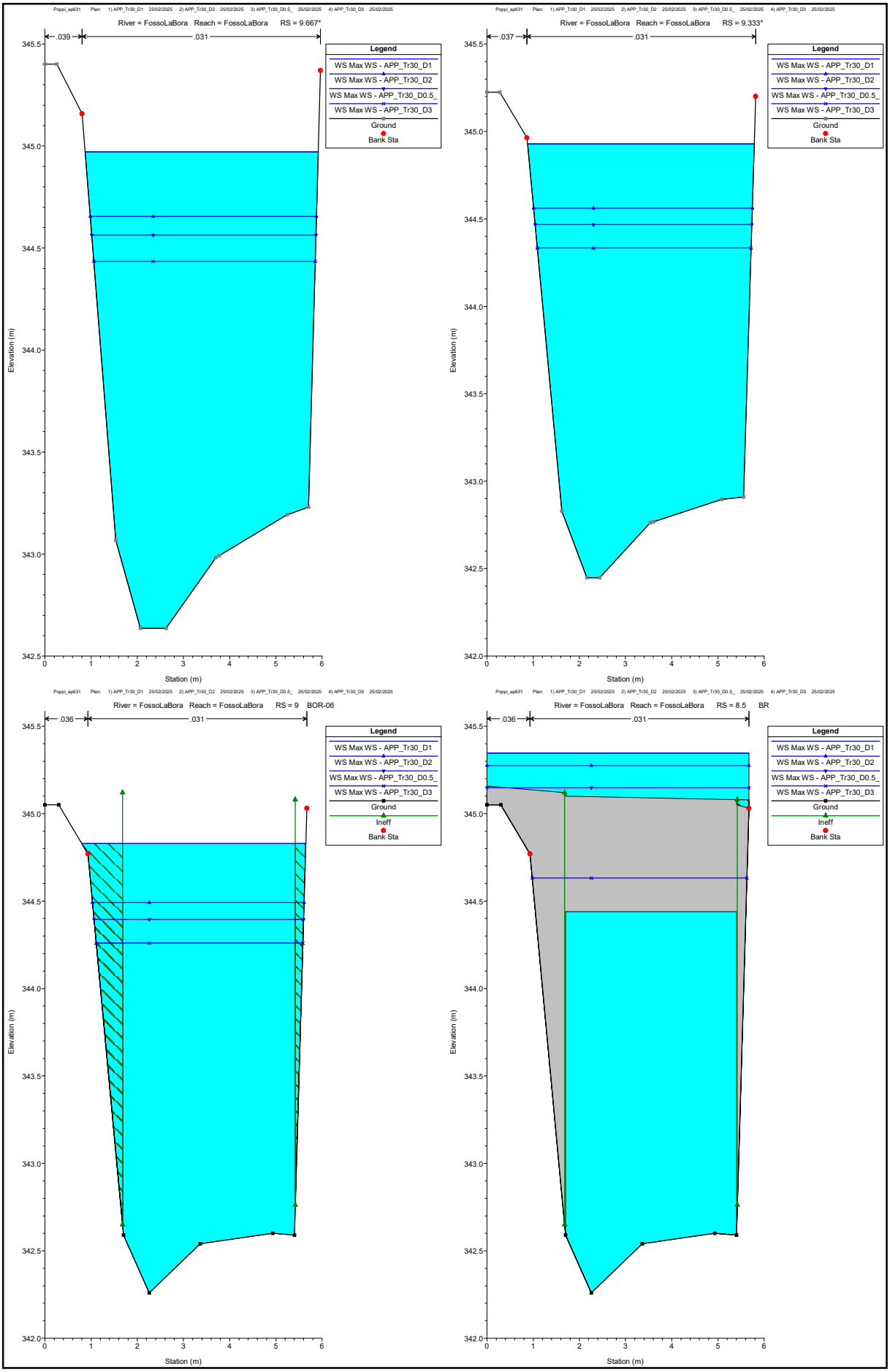
River = FossoLaBora Reach = FossoLaBora RS = 11.000*
.047
.033
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
River = FossoLaBora Reach = FossoLaBora RS = 10.667*
.045
.032
River = FossoLaBora Reach = FossoLaBora RS = 10.333*
.043
.032
River = FossoLaBora Reach = FossoLaBora RS = 10.000*
.041
.032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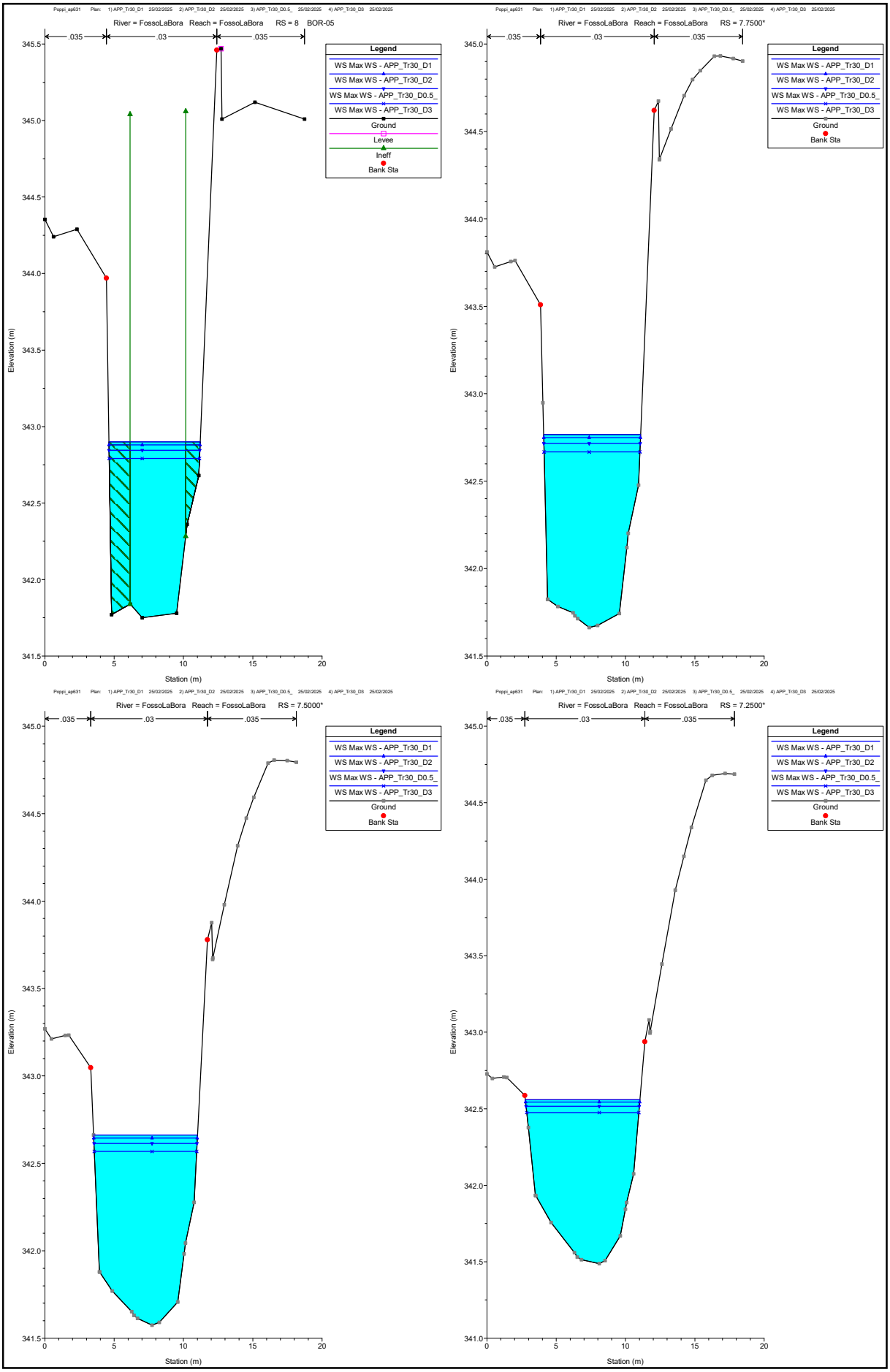
River = FossoLaBora Reach = FossoLaBora RS = 9.667*
.039
.031
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 9.333*
.037
.031
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 9 BOR-06
.036
.031
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Ineff
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 8.5 BR
.036
.031
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Ineff
Bank Sta
Elevation (m)
Station (m)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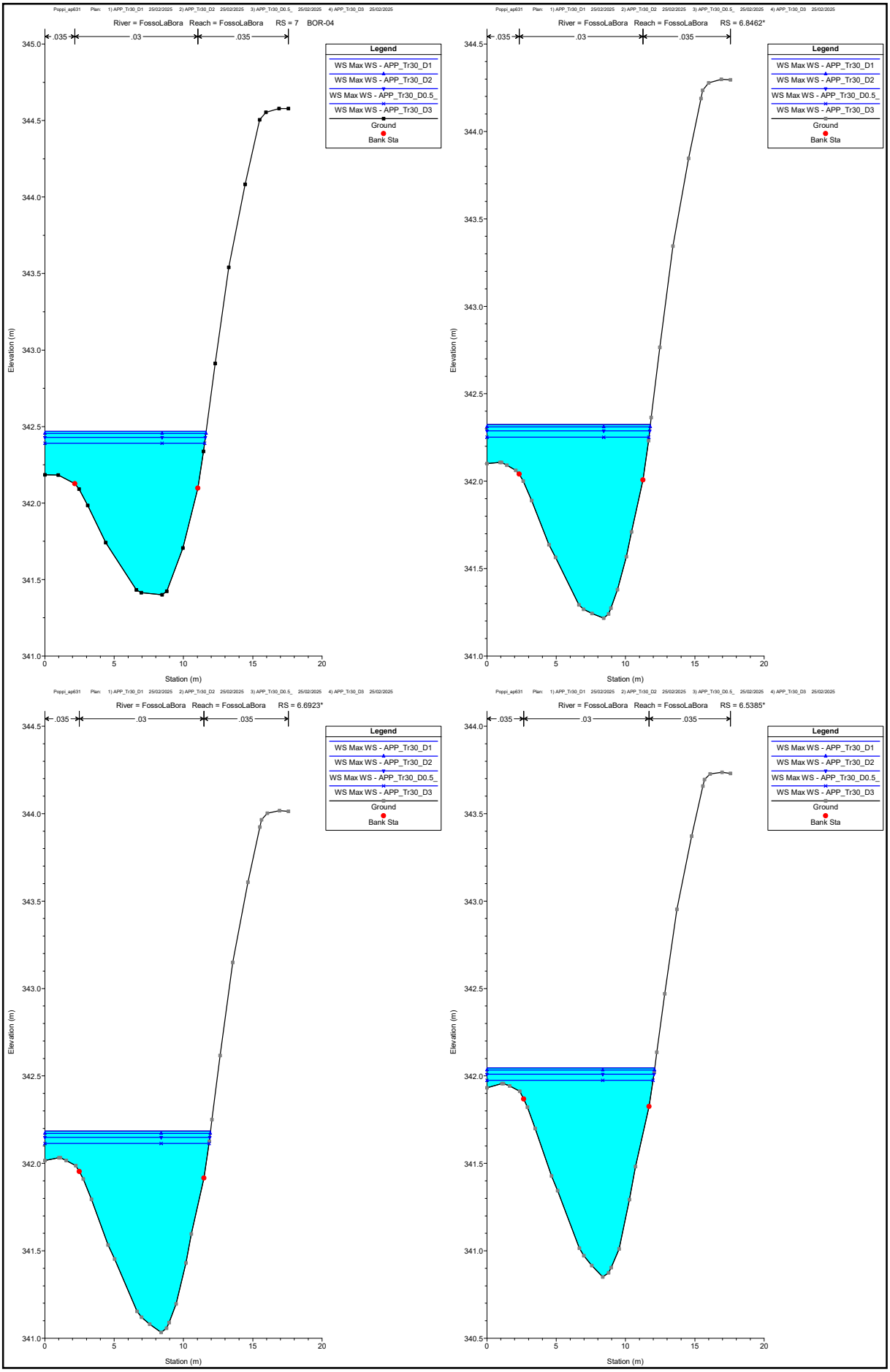
River = FossoLaBora Reach = FossoLaBora RS = 8 BOR-05
.035
.03
.035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Ineff
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 7.7500*
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 7.5000*
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 7.2500*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River = FossoLaBora Reach = FossoLaBora RS = 7 BOR-04
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 6.8462*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 6.6923*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 6.5385*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
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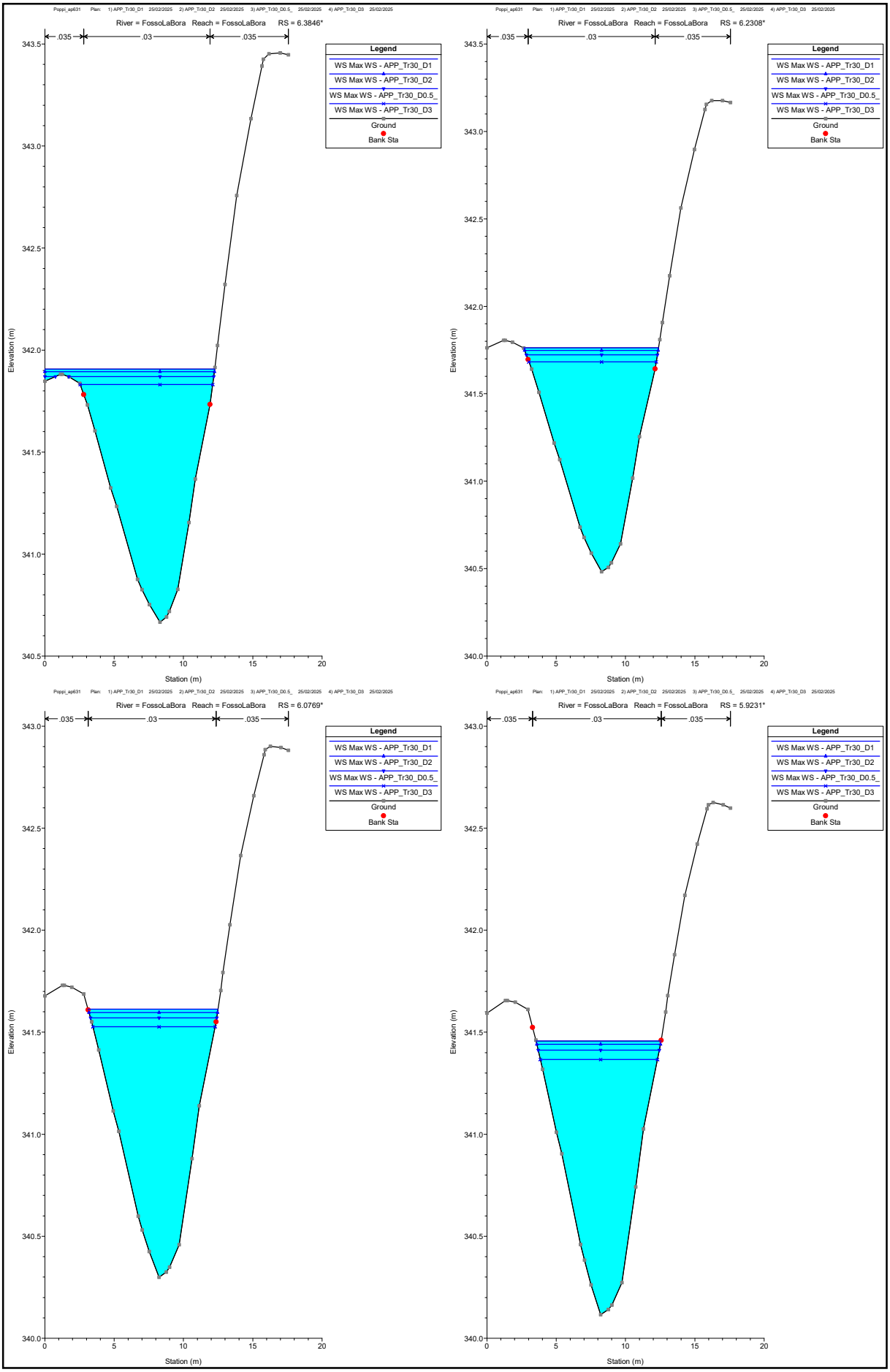
Ground
Bank Sta
Elevation (m)
Station (m)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River = FossoLaBora Reach = FossoLaBora RS = 6.3846*
.035
.03
.035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 6.2308*
.035
.03
.035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 6.0769*
.035
.03
.035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 5.9231*
.035
.03
.035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
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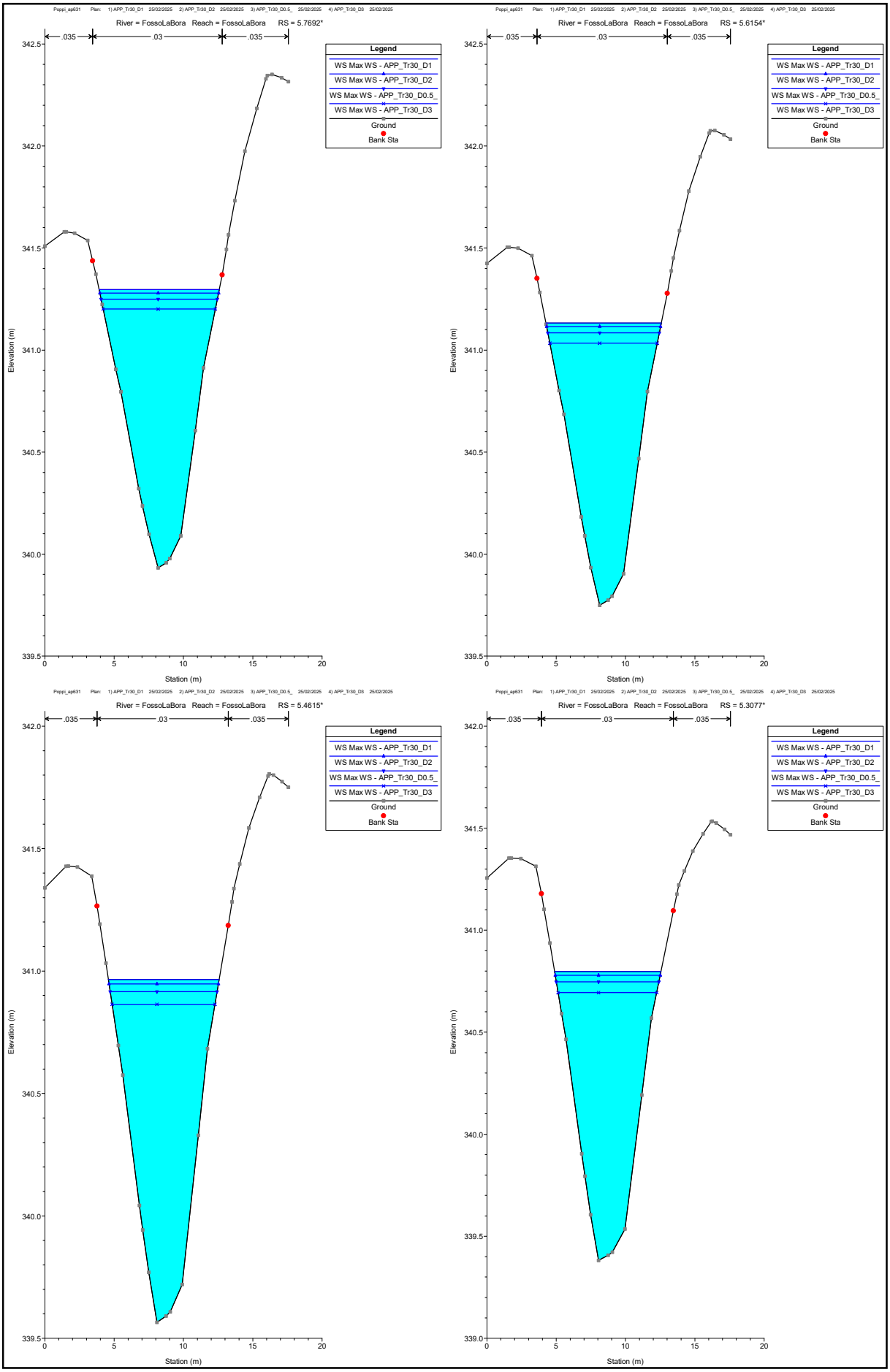
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)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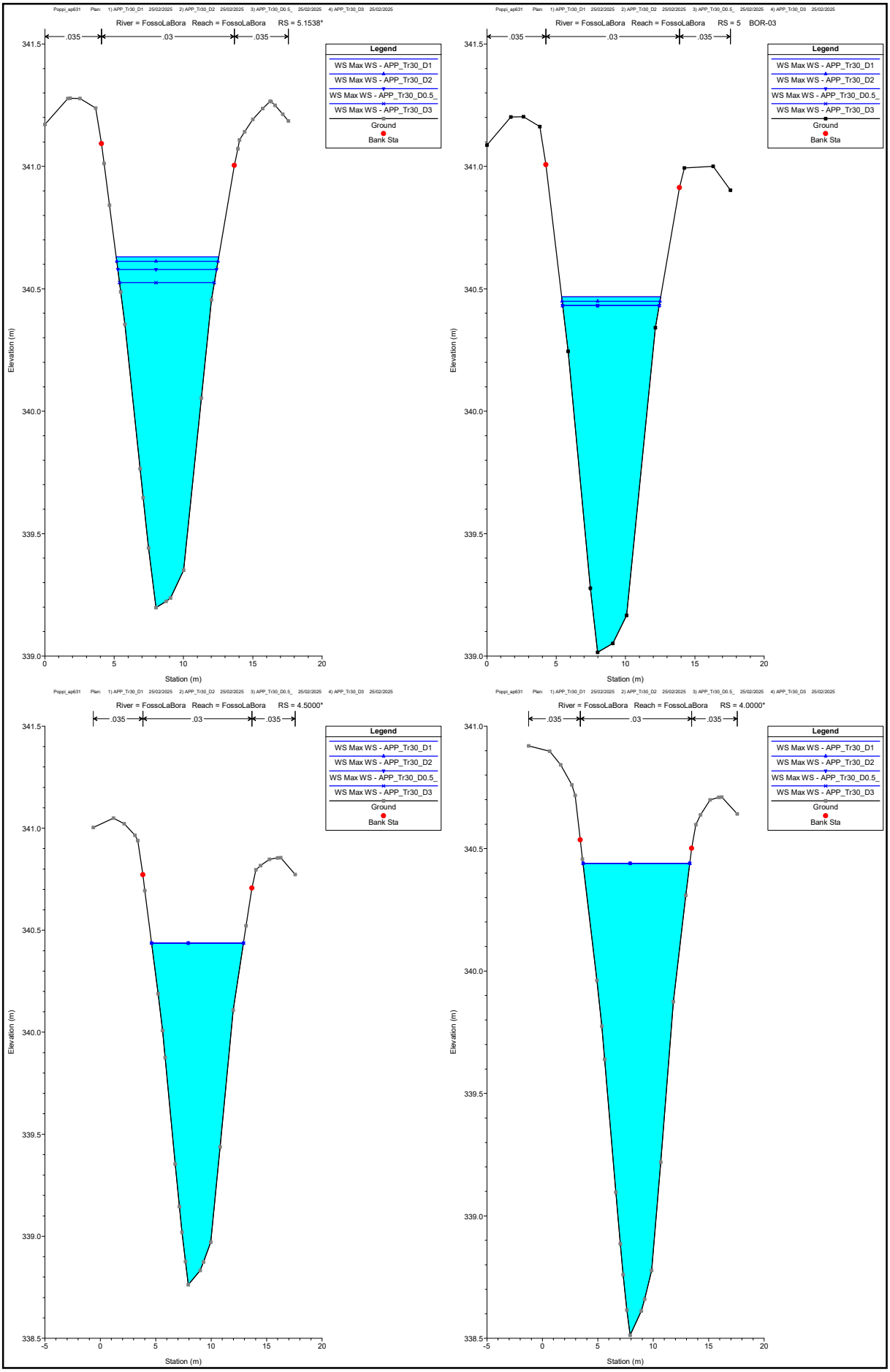
River = FossoLaBora Reach = FossoLaBora RS = 5.7692*
.035
.03
.035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 5.6154*
.035
.03
.035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 5.4615*
.035
.03
.035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 5.3077*
.035
.03
.035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)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River = FossoLaBora Reach = FossoLaBora RS = 5.1538*
.035
.03
.035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 5 BOR-03
.035
.03
.035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 4.5000*
.035
.03
.035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 4.0000*
.035
.03
.035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
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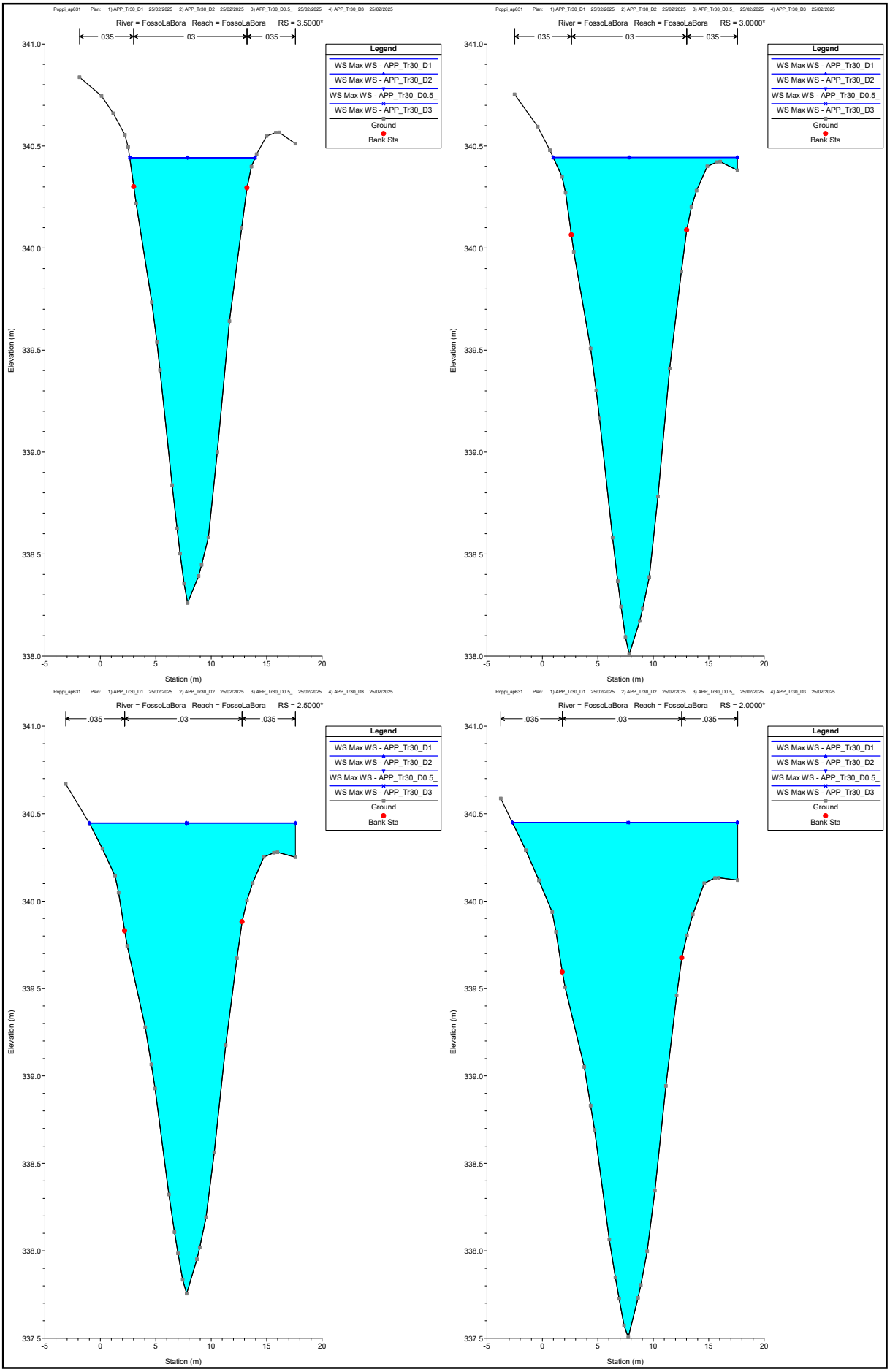
Ground
Bank Sta
Elevation (m)
Station (m)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River = FossoLaBora Reach = FossoLaBora RS = 3.5000*
.035
.03
.035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 3.0000*
.035
.03
.035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 2.5000*
.035
.03
.035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 2.0000*
.035
.03
.035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
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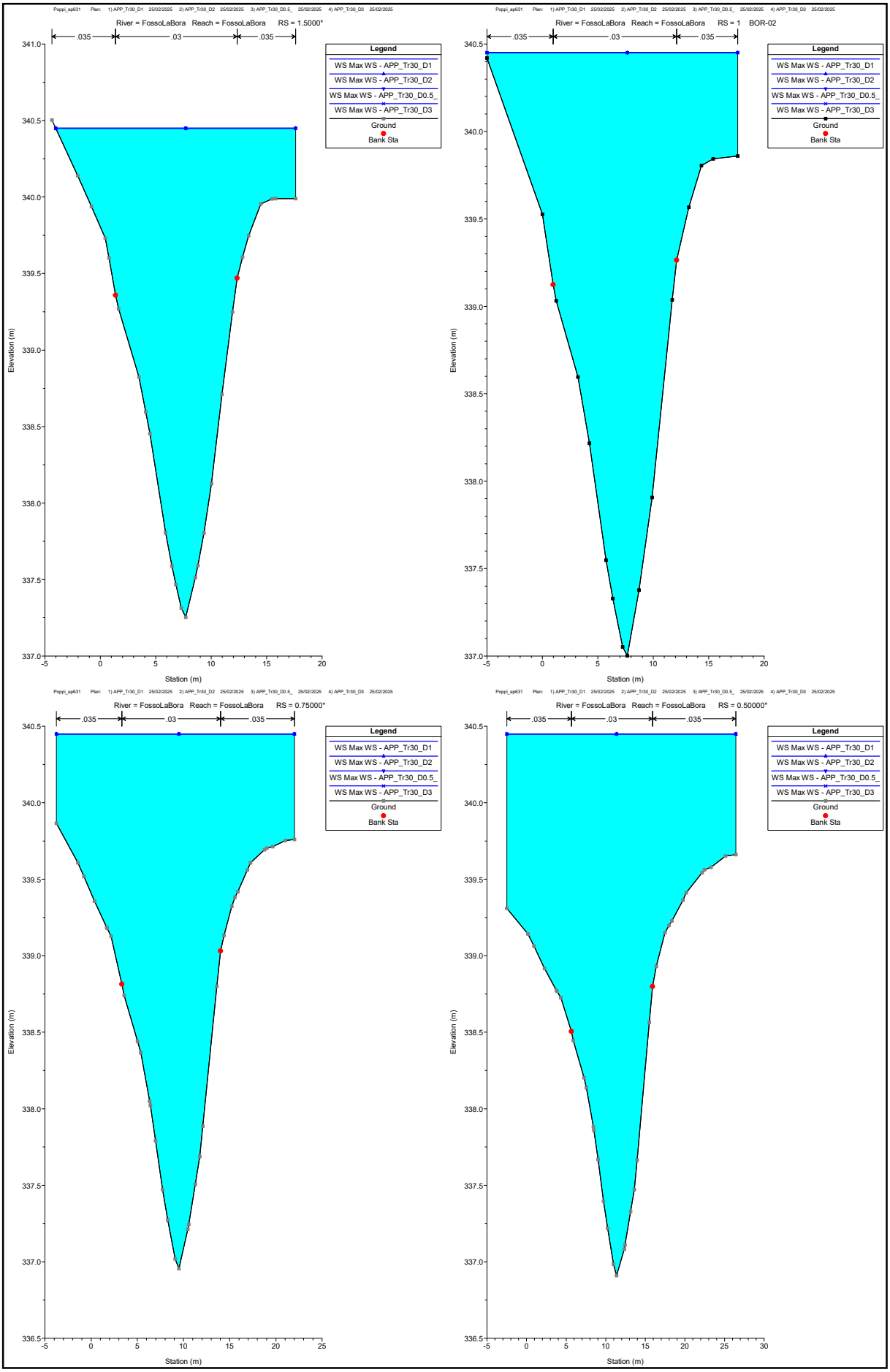
Ground
Bank Sta
Elevation (m)
Station (m)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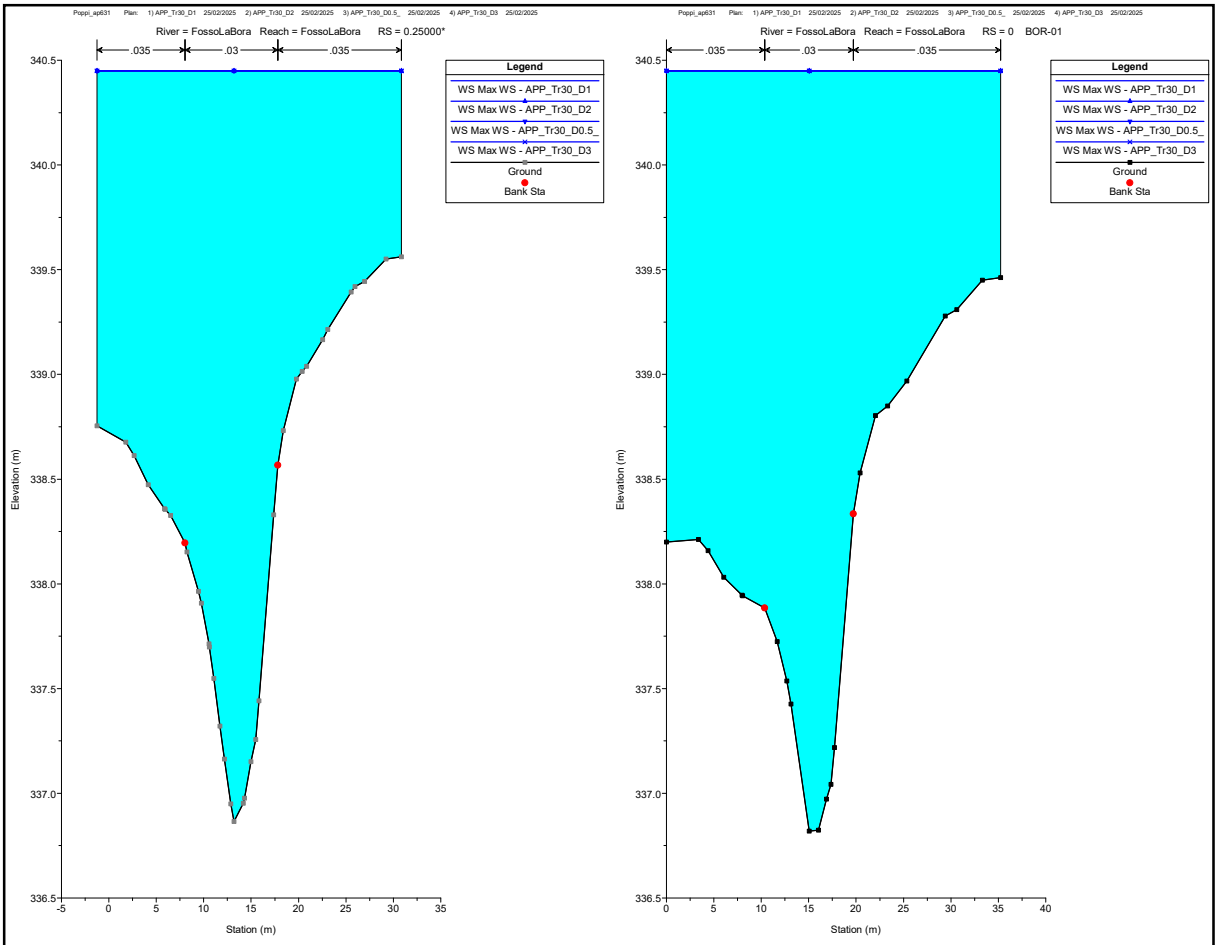
River = FossoLaBora Reach = FossoLaBora RS = 1.5000*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 1 BOR-02
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 0.75000*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 0.50000*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)


Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 0.25000*
.035
.03
.035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = FossoLaBora Reach = FossoLaBora RS = 0 BOR-01
.035
.03
.035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)

ALLEGATI

MODELLAZIONE HEC-RAS 6.3.1 "POPPI_AP631"

FOSSO LA BORA

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 0.5, 1, 2 e 3h

Dati idraulici

HEC-RAS River: FossoLaBora Reach: FossoLaBora Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
FossoLaBora	20	Max WS	APP_Tr30_D1	32.89	353.82	355.51	355.66	356.22	0.021877	3.72			8.85	9.89	1.25
FossoLaBora	20	Max WS	APP_Tr30_D2	30.30	353.82	355.46	355.60	356.13	0.021628	3.62			8.36	9.63	1.24
FossoLaBora	20	Max WS	APP_Tr30_D0.5_	27.80	353.82	355.41	355.54	356.05	0.021522	3.54			7.85	9.33	1.23
FossoLaBora	20	Max WS	APP_Tr30_D3	24.10	353.82	355.32	355.45	355.92	0.021345	3.40			7.08	8.87	1.22
FossoLaBora	19.9			Lat Struct											
FossoLaBora	19.85			Lat Struct											
FossoLaBora	19.833*	Max WS	APP_Tr30_D1	32.89	353.42	355.08	355.23	355.81	0.021453	3.77			8.71	9.33	1.25
FossoLaBora	19.833*	Max WS	APP_Tr30_D2	30.29	353.42	355.03	355.18	355.72	0.021601	3.68			8.23	9.27	1.25
FossoLaBora	19.833*	Max WS	APP_Tr30_D0.5_	27.79	353.42	354.98	355.12	355.63	0.021875	3.59			7.75	9.20	1.25
FossoLaBora	19.833*	Max WS	APP_Tr30_D3	24.10	353.42	354.90	355.02	355.50	0.021630	3.44			7.01	8.81	1.23
FossoLaBora	19.667*	Max WS	APP_Tr30_D1	32.88	353.01	354.66	354.81	355.41	0.021067	3.83			8.59	8.79	1.24
FossoLaBora	19.667*	Max WS	APP_Tr30_D2	30.29	353.01	354.60	354.74	355.32	0.021254	3.74			8.10	8.72	1.24
FossoLaBora	19.667*	Max WS	APP_Tr30_D0.5_	27.78	353.01	354.55	354.68	355.23	0.021446	3.64			7.63	8.65	1.24
FossoLaBora	19.667*	Max WS	APP_Tr30_D3	24.10	353.01	354.46	354.59	355.09	0.021734	3.49			6.91	8.54	1.24
FossoLaBora	19.500*	Max WS	APP_Tr30_D1	32.87	352.61	354.24	354.40	355.01	0.020665	3.88			8.48	8.30	1.22
FossoLaBora	19.500*	Max WS	APP_Tr30_D2	30.29	352.61	354.18	354.33	354.91	0.020817	3.79			8.00	8.21	1.23
FossoLaBora	19.500*	Max WS	APP_Tr30_D0.5_	27.78	352.61	354.13	354.26	354.82	0.020984	3.69			7.52	8.13	1.23
FossoLaBora	19.500*	Max WS	APP_Tr30_D3	24.10	352.61	354.04	354.16	354.68	0.021266	3.54			6.81	8.01	1.23
FossoLaBora	19.333*	Max WS	APP_Tr30_D1	32.87	352.21	353.83	353.98	354.62	0.020419	3.93			8.37	7.83	1.21
FossoLaBora	19.333*	Max WS	APP_Tr30_D2	30.28	352.21	353.77	353.91	354.52	0.020408	3.83			7.91	7.74	1.21
FossoLaBora	19.333*	Max WS	APP_Tr30_D0.5_	27.77	352.21	353.71	353.85	354.42	0.020436	3.73			7.45	7.65	1.21
FossoLaBora	19.333*	Max WS	APP_Tr30_D3	24.10	352.21	353.62	353.74	354.27	0.020568	3.57			6.74	7.51	1.20
FossoLaBora	19.167*	Max WS	APP_Tr30_D1	32.87	351.80	353.42	353.58	354.24	0.020835	4.01			8.20	7.37	1.21
FossoLaBora	19.167*	Max WS	APP_Tr30_D2	30.28	351.80	353.36	353.51	354.13	0.020334	3.88			7.80	7.29	1.20
FossoLaBora	19.167*	Max WS	APP_Tr30_D0.5_	27.77	351.80	353.31	353.44	354.03	0.019928	3.76			7.39	7.20	1.18
FossoLaBora	19.167*	Max WS	APP_Tr30_D3	24.09	351.80	353.22	353.32	353.87	0.019408	3.57			6.76	7.05	1.16
FossoLaBora	19	Max WS	APP_Tr30_D1	29.25	351.40	353.06	353.08	353.68	0.015186	3.51			8.34	7.00	1.03
FossoLaBora	19	Max WS	APP_Tr30_D2	27.27	351.40	353.01	353.02	353.60	0.014679	3.39			8.04	6.96	1.01
FossoLaBora	19	Max WS	APP_Tr30_D0.5_	25.33	351.40	352.97	352.96	353.52	0.014238	3.29			7.71	6.88	0.99
FossoLaBora	19	Max WS	APP_Tr30_D3	22.43	351.40	352.89	352.86	353.39	0.013635	3.13			7.18	6.74	0.97
FossoLaBora	18.857*	Max WS	APP_Tr30_D1	27.17	351.13	352.85	352.84	353.40	0.013457	3.28			8.29	7.14	0.97
FossoLaBora	18.857*	Max WS	APP_Tr30_D2	25.51	351.13	352.82	352.78	353.33	0.013089	3.18			8.02	7.14	0.96
FossoLaBora	18.857*	Max WS	APP_Tr30_D0.5_	23.88	351.13	352.77	352.73	353.26	0.012796	3.09			7.72	7.09	0.95
FossoLaBora	18.857*	Max WS	APP_Tr30_D3	21.43	351.13	352.70		353.15	0.012424	2.97			7.22	6.96	0.93
FossoLaBora	18.714*	Max WS	APP_Tr30_D1	26.99	350.87	352.66	352.65	353.20	0.013539	3.26			8.29	7.29	0.98
FossoLaBora	18.714*	Max WS	APP_Tr30_D2	25.47	350.87	352.63	352.60	353.14	0.013147	3.16			8.05	7.29	0.96
FossoLaBora	18.714*	Max WS	APP_Tr30_D0.5_	23.88	350.87	352.59	352.55	353.07	0.012807	3.07			7.78	7.29	0.95
FossoLaBora	18.714*	Max WS	APP_Tr30_D3	21.43	350.87	352.53		352.96	0.012368	2.94			7.30	7.20	0.93
FossoLaBora	18.571*	Max WS	APP_Tr30_D1	27.25	350.60	352.46	352.47	353.03	0.014704	3.34			8.17	7.43	1.02
FossoLaBora	18.571*	Max WS	APP_Tr30_D2	25.84	350.60	352.43	352.44	352.97	0.014199	3.24			7.98	7.43	1.00
FossoLaBora	18.571*	Max WS	APP_Tr30_D0.5_	24.25	350.60	352.40	352.39	352.90	0.013661	3.13			7.74	7.43	0.98
FossoLaBora	18.571*	Max WS	APP_Tr30_D3	21.66	350.60	352.35	352.31	352.79	0.012912	2.96			7.32	7.43	0.95
FossoLaBora	18.429*	Max WS	APP_Tr30_D1	25.92	350.33	352.25	352.26	352.79	0.014860	3.27			7.94	7.57	1.02
FossoLaBora	18.429*	Max WS	APP_Tr30_D2	24.94	350.33	352.23	352.24	352.75	0.014596	3.21			7.78	7.57	1.01
FossoLaBora	18.429*	Max WS	APP_Tr30_D0.5_	23.79	350.33	352.20	352.21	352.70	0.014305	3.13			7.59	7.57	1.00
FossoLaBora	18.429*	Max WS	APP_Tr30_D3	21.68	350.33	352.16	352.13	352.61	0.013763	3.00			7.23	7.57	0.98
FossoLaBora	18.286*	Max WS	APP_Tr30_D1	25.01	350.06	352.03	352.06	352.58	0.015959	3.29			7.60	7.54	1.05
FossoLaBora	18.286*	Max WS	APP_Tr30_D2	24.25	350.06	352.01	352.04	352.55	0.015761	3.25			7.46	7.51	1.04
FossoLaBora	18.286*	Max WS	APP_Tr30_D0.5_	23.34	350.06	351.99	352.01	352.51	0.015495	3.19			7.31	7.47	1.03
FossoLaBora	18.286*	Max WS	APP_Tr30_D3	21.56	350.06	351.95	351.95	352.43	0.014844	3.07			7.02	7.39	1.01
FossoLaBora	18.143*	Max WS	APP_Tr30_D1	23.73	349.80	351.79	351.84	352.36	0.017118	3.32			7.15	7.28	1.07
FossoLaBora	18.143*	Max WS	APP_Tr30_D2	23.11	349.80	351.78	351.82	352.33	0.016905	3.28			7.04	7.25	1.06
FossoLaBora	18.143*	Max WS	APP_Tr30_D0.5_	22.36	349.80	351.76	351.80	352.29	0.016629	3.23			6.92	7.22	1.05
FossoLaBora	18.143*	Max WS	APP_Tr30_D3	20.94	349.80	351.73	351.75	352.23	0.015972	3.12			6.71	7.16	1.03
FossoLaBora	18	Max WS	APP_Tr30_D1	21.71	349.53	351.54	351.59	352.09	0.017626	3.27			6.65	6.99	1.07
FossoLaBora	18	Max WS	APP_Tr30_D2	21.27	349.53	351.53	351.57	352.07	0.017537	3.24			6.56	6.97	1.07
FossoLaBora	18	Max WS	APP_Tr30_D0.5_	20.75	349.53	351.52	351.56	352.04	0.017393	3.21			6.47	6.95	1.06
FossoLaBora	18	Max WS	APP_Tr30_D3	19.82	349.53	351.50	351.53	352.00	0.017012	3.14			6.31	6.90	1.05
FossoLaBora	17.800*	Max WS	APP_Tr30_D1	20.65	349.39	351.32	351.35	351.83	0.016626	3.15			6.55	7.11	1.05
FossoLaBora	17.800*	Max WS	APP_Tr30_D2	20.32	349.39	351.31	351.34	351.81	0.016703	3.14			6.47	7.08	1.05
FossoLaBora	17.800*	Max WS	APP_Tr30_D0.5_	19.93	349.39	351.30	351.33	351.80	0.016723	3.12			6.38	7.06	1.05
FossoLaBora	17.800*	Max WS	APP_Tr30_D3	19.24	349.39	351.28	351.30	351.76	0.016608	3.08			6.24	7.02	1.04
FossoLaBora	17.600*	Max WS	APP_Tr30_D1	20.08	349.25	351.11	351.13	351.59	0.015775	3.07			6.54	7.23	1.03
FossoLaBora	17.600*	Max WS	APP_Tr30_D2	19.82	349.25	351.10	351.12	351.58	0.016098	3.08			6.44	7.20	1.04
FossoLaBora	17.600*	Max WS	APP_Tr30_D0.5_	19.52	349.25	351.08	351.11	351.57	0.016369	3.08			6.34	7.17	1.05
FossoLaBora	17.600*	Max WS	APP_Tr30_D3	18.98	349.25	351.06	351.09	351.54	0.016568	3.07			6.19	7.13	1.05
FossoLaBora	17.400*	Max WS	APP_Tr30_D1	19.96	349.11	350.91	350.92	351.38	0.015213	3.03			6.60	7.34	1.02
FossoLaBora	17.400*	Max WS	APP_Tr30_D2	19.66	349.11	350.89	350.91	351.37	0.015726	3.05			6.45	7.31	1.04
FossoLaBora	17.400*	Max WS	APP_Tr30_D0.5_	19.36	349.11	350.87	350.90	351.35	0.016289	3.07			6.31	7.27	1.05
FossoLaBora	17.400*	Max WS	APP_Tr30_D3	18.89	349.11	350.85	350.89	351.33	0.016994	3.09			6.11	7.23	1.07
FossoLaBora	17.200*	Max WS	APP_Tr30_D1	21.22	348.97	350.70	350.75	351.23	0.017233	3.23			6.57	7.36	1.09
FossoLaBora	17.200*	Max WS	APP_Tr30_D2	20.47	348.97	350.68	350.74	351.20	0.017410	3.20			6.40	7.36	1.10
FossoLaBora	17.200*	Max WS	APP_Tr30_D0.5_	19.76	348.97	350.65	350.71	351.17	0.017788	3.18			6.21	7.34	1.11
FossoLaBora	17.200*	Max WS	APP_Tr30_D3	18.92	348.97	350.62	350.69	351.13	0.018360	3.18			5.95	7.27	1.12
FossoLaBora	17	Max WS	APP_Tr30_D1	22.02	348.83	350.45	350.57	351.09	0.021508	3.54			6.22	7.20	1.22
FossoLaBora	17	Max WS	APP_Tr30_D2	21.15	348.83	350.42	350.54	351.05	0.021710	3.50			6.04	7.18	1.22
FossoLaBora	17	Max WS	APP_Tr30_D0.5_	20.16	348.83	350.39	350.52	351.00	0.021726	3.46			5.83	7.10	1.22
FossoLaBora	17	Max WS	APP_Tr30_D3	18.92	348.83	350.36	350.48	350.95	0.021904	3.41			5.56	7.00	1.22
FossoLaBora	16.900*	Max WS	APP_Tr30_D1	22.37	348.53	350.14	350.26	350.76	0.021703	3.49			6.42	7.79	1.23
FossoLaBora	16.900*	Max WS	APP_Tr30_D2	21.41	348.53	350.11	350.24	350.72	0.021766	3.45			6.21	7.70	1.23
FossoLaBora	16.900*	Max WS	APP_Tr30_D0.5_	20.35	348.53	350.08	350.20	350.67	0.021779	3.40			5.98	7.59	1.22
FossoLaBora	16.900*	Max WS	APP_Tr30_D3	19.01	348.53	350.04	350.16	350.61	0.021785	3.35			5.68	7.39	1.22
FossoLaBora	16.800*	Max WS	APP_Tr30_D1	22.33	348.22	349.82	349.94	350.42	0.021361	3.41			6.56	8.20	1.22
FossoLaBora	16.800*	Max WS	APP_Tr30_D2	21.40	348.22	349.80	349.92	350.38	0.021506	3.38			6.33	8.04	1.22
FossoLaBora	16.800*	Max WS	APP_Tr30_D0.5_	20.35	348.22	349.77	349.88	350.34	0.021554	3.34			6.09	7.88	1.21
FossoLaBora	16.800*	Max WS	APP_Tr30_D3	19.01	348.22	349.73	349.84	350.28	0.021579	3.29			5.78	7.66	1.21

HEC-RAS River: FossoLaBora Reach: FossoLaBora Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
FossoLaBora	16.700*	Max WS	APP_Tr30_D1	22.41	347.92	349.52	349.63	350.09	0.021153	3.35			6.68	8.48	1.21
FossoLaBora	16.700*	Max WS	APP_Tr30_D2	21.43	347.92	349.49	349.61	350.05	0.021303	3.33			6.44	8.30	1.21
FossoLaBora	16.700*	Max WS	APP_Tr30_D0.5_	20.35	347.92	349.45	349.58	350.01	0.021391	3.30			6.17	8.10	1.21
FossoLaBora	16.700*	Max WS	APP_Tr30_D3	19.01	347.92	349.41	349.53	349.95	0.021388	3.25			5.85	7.85	1.20
FossoLaBora	16.600*	Max WS	APP_Tr30_D1	22.63	347.62	349.21	349.33	349.78	0.021036	3.33			6.81	8.68	1.20
FossoLaBora	16.600*	Max WS	APP_Tr30_D2	21.56	347.62	349.18	349.30	349.73	0.021066	3.30			6.54	8.46	1.20
FossoLaBora	16.600*	Max WS	APP_Tr30_D0.5_	20.39	347.62	349.15	349.26	349.69	0.021021	3.25			6.26	8.24	1.19
FossoLaBora	16.600*	Max WS	APP_Tr30_D3	19.01	347.62	349.11	349.21	349.63	0.021113	3.20			5.94	8.04	1.19
FossoLaBora	16.500*	Max WS	APP_Tr30_D1	22.65	347.32	348.91	349.02	349.45	0.020010	3.25			6.97	8.83	1.17
FossoLaBora	16.500*	Max WS	APP_Tr30_D2	21.56	347.32	348.88	348.99	349.41	0.020303	3.22			6.69	8.66	1.17
FossoLaBora	16.500*	Max WS	APP_Tr30_D0.5_	20.39	347.32	348.85	348.94	349.37	0.020557	3.19			6.39	8.48	1.17
FossoLaBora	16.500*	Max WS	APP_Tr30_D3	19.01	347.32	348.80	348.89	349.31	0.020853	3.15			6.04	8.26	1.18
FossoLaBora	16.400*	Max WS	APP_Tr30_D1	22.68	347.01	348.64	348.70	349.13	0.018227	3.11			7.30	9.19	1.11
FossoLaBora	16.400*	Max WS	APP_Tr30_D2	21.56	347.01	348.60	348.67	349.09	0.018765	3.10			6.96	8.99	1.12
FossoLaBora	16.400*	Max WS	APP_Tr30_D0.5_	20.38	347.01	348.56	348.64	349.04	0.019480	3.09			6.59	8.76	1.14
FossoLaBora	16.400*	Max WS	APP_Tr30_D3	19.01	347.01	348.51	348.59	348.99	0.020341	3.09			6.16	8.50	1.16
FossoLaBora	16.300*	Max WS	APP_Tr30_D1	23.24	346.71	348.39	348.41	348.83	0.015671	2.93			7.93	9.71	1.03
FossoLaBora	16.300*	Max WS	APP_Tr30_D2	21.95	346.71	348.35	348.37	348.78	0.016333	2.93			7.49	9.46	1.05
FossoLaBora	16.300*	Max WS	APP_Tr30_D0.5_	20.60	346.71	348.29	348.33	348.73	0.017449	2.95			6.98	9.15	1.08
FossoLaBora	16.300*	Max WS	APP_Tr30_D3	19.04	346.71	348.22	348.29	348.68	0.019144	2.99			6.37	8.78	1.12
FossoLaBora	16.200*	Max WS	APP_Tr30_D1	23.85	346.41	348.19		348.54	0.011742	2.63			9.07	10.49	0.90
FossoLaBora	16.200*	Max WS	APP_Tr30_D2	22.49	346.41	348.14		348.49	0.012495	2.65			8.49	10.17	0.93
FossoLaBora	16.200*	Max WS	APP_Tr30_D0.5_	21.00	346.41	348.06	348.04	348.44	0.013907	2.70			7.77	9.76	0.97
FossoLaBora	16.200*	Max WS	APP_Tr30_D3	19.22	346.41	347.96	347.99	348.37	0.016695	2.82			6.81	9.19	1.05
FossoLaBora	16.100*	Max WS	APP_Tr30_D1	25.39	346.10	348.04		348.32	0.009007	2.34			10.87	12.37	0.80
FossoLaBora	16.100*	Max WS	APP_Tr30_D2	23.95	346.10	347.98		348.26	0.009010	2.36			10.14	11.28	0.79
FossoLaBora	16.100*	Max WS	APP_Tr30_D0.5_	22.32	346.10	347.89		348.19	0.010350	2.44			9.13	10.67	0.84
FossoLaBora	16.100*	Max WS	APP_Tr30_D3	20.20	346.10	347.74	347.71	348.10	0.013817	2.64			7.64	9.83	0.96
FossoLaBora	16	Max WS	APP_Tr30_D1	26.61	345.80	347.94		348.13	0.005567	1.95			13.61	14.01	0.63
FossoLaBora	16	Max WS	APP_Tr30_D2	25.14	345.80	347.87		348.07	0.006187	1.98			12.69	13.93	0.66
FossoLaBora	16	Max WS	APP_Tr30_D0.5_	23.46	345.80	347.76		347.99	0.006958	2.10			11.19	12.26	0.70
FossoLaBora	16	Max WS	APP_Tr30_D3	21.17	345.80	347.57		347.85	0.009787	2.34			9.04	10.76	0.82
FossoLaBora	15.800*	Max WS	APP_Tr30_D1	26.75	345.68	347.90		348.08	0.004108	1.85			14.48	12.82	0.56
FossoLaBora	15.800*	Max WS	APP_Tr30_D2	25.28	345.68	347.83		348.01	0.004468	1.86			13.58	12.74	0.58
FossoLaBora	15.800*	Max WS	APP_Tr30_D0.5_	23.59	345.68	347.71		347.90	0.005277	1.96			12.06	11.91	0.62
FossoLaBora	15.800*	Max WS	APP_Tr30_D3	21.29	345.68	347.48		347.73	0.007489	2.21			9.61	10.18	0.73
FossoLaBora	15.600*	Max WS	APP_Tr30_D1	26.92	345.55	347.88		348.03	0.003117	1.76			15.28	11.63	0.49
FossoLaBora	15.600*	Max WS	APP_Tr30_D2	25.45	345.55	347.80		347.96	0.003296	1.76			14.45	11.56	0.50
FossoLaBora	15.600*	Max WS	APP_Tr30_D0.5_	23.75	345.55	347.68		347.85	0.003850	1.83			13.01	11.14	0.54
FossoLaBora	15.600*	Max WS	APP_Tr30_D3	21.42	345.55	347.43		347.65	0.005419	2.05			10.44	9.65	0.63
FossoLaBora	15.400*	Max WS	APP_Tr30_D1	27.10	345.43	347.86		348.00	0.002490	1.70			15.91	10.42	0.44
FossoLaBora	15.400*	Max WS	APP_Tr30_D2	25.62	345.43	347.78		347.93	0.002565	1.69			15.17	10.37	0.45
FossoLaBora	15.400*	Max WS	APP_Tr30_D0.5_	23.92	345.43	347.66		347.81	0.002898	1.73			13.86	10.18	0.47
FossoLaBora	15.400*	Max WS	APP_Tr30_D3	21.58	345.43	347.40		347.59	0.003932	1.90			11.39	9.15	0.54
FossoLaBora	15.200*	Max WS	APP_Tr30_D1	27.08	345.30	347.84		347.98	0.002081	1.66			16.35	9.16	0.40
FossoLaBora	15.200*	Max WS	APP_Tr30_D2	25.71	345.30	347.77		347.90	0.002117	1.64			15.68	9.16	0.40
FossoLaBora	15.200*	Max WS	APP_Tr30_D0.5_	24.00	345.30	347.64		347.78	0.002301	1.65			14.54	9.09	0.42
FossoLaBora	15.200*	Max WS	APP_Tr30_D3	21.66	345.30	347.39		347.54	0.002942	1.76			12.29	8.44	0.47
FossoLaBora	15	Max WS	APP_Tr30_D1	26.66	345.18	347.83	346.62	347.96	0.001827	1.61			16.59	7.90	0.35
FossoLaBora	15	Max WS	APP_Tr30_D2	25.64	345.18	347.75	346.59	347.89	0.001881	1.60			15.97	7.90	0.36
FossoLaBora	15	Max WS	APP_Tr30_D0.5_	24.02	345.18	347.63	346.53	347.76	0.001983	1.60			14.98	7.88	0.37
FossoLaBora	15	Max WS	APP_Tr30_D3	21.67	345.18	347.37	346.45	347.52	0.002376	1.67			13.01	7.56	0.41
FossoLaBora	14.5			Bridge											
FossoLaBora	14	Max WS	APP_Tr30_D1	26.66	345.08	346.52	346.54	347.15	0.016009	3.51			7.59	6.32	1.02
FossoLaBora	14	Max WS	APP_Tr30_D2	25.63	345.08	346.48	346.50	347.10	0.016259	3.49			7.34	6.27	1.03
FossoLaBora	14	Max WS	APP_Tr30_D0.5_	24.02	345.08	346.43	346.45	347.03	0.016311	3.43			7.00	6.19	1.03
FossoLaBora	14	Max WS	APP_Tr30_D3	21.67	345.08	346.34	346.36	346.91	0.016404	3.34			6.50	6.07	1.03
FossoLaBora	13.667*	Max WS	APP_Tr30_D1	26.65	344.89	346.37	346.39	347.01	0.015273	3.54			7.53	6.25	1.03
FossoLaBora	13.667*	Max WS	APP_Tr30_D2	25.64	344.89	346.33	346.36	346.96	0.015591	3.53			7.27	6.18	1.04
FossoLaBora	13.667*	Max WS	APP_Tr30_D0.5_	24.02	344.89	346.27	346.30	346.89	0.015638	3.46			6.93	6.10	1.04
FossoLaBora	13.667*	Max WS	APP_Tr30_D3	21.67	344.89	346.19	346.21	346.77	0.015707	3.37			6.43	5.97	1.04
FossoLaBora	13.333*	Max WS	APP_Tr30_D1	26.64	344.70	346.22	346.25	346.87	0.015366	3.55			7.50	6.20	1.03
FossoLaBora	13.333*	Max WS	APP_Tr30_D2	25.63	344.70	346.18	346.21	346.82	0.015809	3.55			7.22	6.13	1.05
FossoLaBora	13.333*	Max WS	APP_Tr30_D0.5_	24.02	344.70	346.12	346.16	346.75	0.015846	3.49			6.88	6.04	1.04
FossoLaBora	13.333*	Max WS	APP_Tr30_D3	21.67	344.70	346.04	346.07	346.63	0.015901	3.40			6.38	5.90	1.04
FossoLaBora	13.000*	Max WS	APP_Tr30_D1	26.63	344.52	346.08	346.11	346.73	0.015485	3.57			7.47	6.19	1.04
FossoLaBora	13.000*	Max WS	APP_Tr30_D2	25.64	344.52	346.03	346.07	346.68	0.016129	3.58			7.16	6.10	1.06
FossoLaBora	13.000*	Max WS	APP_Tr30_D0.5_	24.02	344.52	345.97	346.01	346.60	0.016190	3.52			6.82	6.00	1.06
FossoLaBora	13.000*	Max WS	APP_Tr30_D3	21.67	344.52	345.89	345.92	346.49	0.016223	3.43			6.32	5.85	1.05
FossoLaBora	12.667*	Max WS	APP_Tr30_D1	26.62	344.33	345.93	345.96	346.58	0.015647	3.58			7.45	6.21	1.04
FossoLaBora	12.667*	Max WS	APP_Tr30_D2	25.63	344.33	345.87	345.93	346.54	0.016591	3.62			7.09	6.09	1.07
FossoLaBora	12.667*	Max WS	APP_Tr30_D0.5_	24.02	344.33	345.81	345.87	346.46	0.016679	3.56			6.75	5.98	1.07
FossoLaBora	12.667*	Max WS	APP_Tr30_D3	21.67	344.33	345.73	345.78	346.34	0.016724	3.47			6.25	5.82	1.07
FossoLaBora	12.333*	Max WS	APP_Tr30_D1	26.61	344.14	345.79	345.81	346.43	0.014702	3.56			7.48	6.30	1.04
FossoLaBora	12.333*	Max WS	APP_Tr30_D2	25.63	344.14	345.72	345.78	346.39	0.016024	3.64			7.05	6.15	1.08
FossoLaBora	12.333*	Max WS	APP_Tr30_D0.5_	24.02	344.14	345.66	345.73	346.31	0.016140	3.59			6.70	6.02	1.09
FossoLaBora	12.333*	Max WS	APP_Tr30_D3	21.67	344.14	345.57	345.64	346.20	0.016221	3.50			6.20	5.84	1.08
FossoLaBora	12.000*	Max WS	APP_Tr30_D1	26.61	343.95	345.65	345.65	346.28	0.013946	3.51			7.58	6.15	1.01
FossoLaBora	12.000*	Max WS	APP_Tr30_D2	25.63	343.95	345.56	345.62	346.24	0.015926	3.63			7.06	6.10	1.08
FossoLaBora	12.000*	Max WS	APP_Tr30_D0.5_	24.02	343.95	345.50	345.57	346.16	0.016316	3.59			6.69	6.06	1.09
FossoLaBora	12.000*	Max WS	APP_Tr30_D3	21.67	343.95	345.42	345.49	346.05	0.016648	3.51			6.17	5.92	1.10
FossoLaBora	11.667*	Max WS	APP_Tr30_D1	26.60	343.76	345.52	345.49	346.13	0.013074	3.45			7.71	5.98	0.97
FossoLaBora	11.667*	Max WS	APP_Tr30_D2	25.63	343.76	345.41	345.46	346.08	0.015562	3.62			7.08	5.93	1.06
FossoLaBora	11.667*	Max WS	APP_Tr30_D0.5_	24.02	343.76	345.35	345.40	346.01	0.016003	3.59			6.70	5.89	1.07
FossoLaBora	11.667*	Max WS	APP_Tr30_D3	21.67	343.76	345.26	345.32	345.89	0.016596	3.51			6.17	5.85	1.09
FossoLaBora	11.333*	Max WS	APP_Tr30_D1	26.60	343.58	345.40		345.98	0.012146	3.38			7.88	5.82	0.93
FossoLaBora	11.333*	Max WS	APP_Tr30_D2	25.63	343.58	345.27	345.29	345.93	0.015131	3.61			7.11	5.75	1.04

HEC-RAS River: FossoLaBora Reach: FossoLaBora Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
FossoLaBora	11.333*	Max WS	APP_Tr30_D0.5_	24.02	343.58	345.20	345.24	345.85	0.015632	3.57			6.72	5.72	1.05
FossoLaBora	11.333*	Max WS	APP_Tr30_D3	21.67	343.58	345.10	345.15	345.73	0.016320	3.51			6.17	5.67	1.08
FossoLaBora	11.000*	Max WS	APP_Tr30_D1	26.60	343.39	345.29		345.84	0.011184	3.29			8.08	5.66	0.88
FossoLaBora	11.000*	Max WS	APP_Tr30_D2	25.63	343.39	345.13	345.13	345.78	0.014626	3.58			7.16	5.58	1.01
FossoLaBora	11.000*	Max WS	APP_Tr30_D0.5_	24.02	343.39	345.05	345.07	345.70	0.015181	3.55			6.76	5.54	1.03
FossoLaBora	11.000*	Max WS	APP_Tr30_D3	21.67	343.39	344.95	344.99	345.58	0.015945	3.50			6.19	5.49	1.05
FossoLaBora	10.667*	Max WS	APP_Tr30_D1	26.59	343.20	345.19		345.71	0.009590	3.19			8.33	5.50	0.83
FossoLaBora	10.667*	Max WS	APP_Tr30_D2	25.63	343.20	345.00	344.97	345.63	0.013128	3.53			7.26	5.40	0.97
FossoLaBora	10.667*	Max WS	APP_Tr30_D0.5_	24.02	343.20	344.92	344.91	345.55	0.013665	3.51			6.83	5.37	0.99
FossoLaBora	10.667*	Max WS	APP_Tr30_D3	21.67	343.20	344.81	344.82	345.42	0.014408	3.47			6.24	5.31	1.02
FossoLaBora	10.333*	Max WS	APP_Tr30_D1	26.59	343.01	345.10		345.59	0.008687	3.09			8.61	5.35	0.78
FossoLaBora	10.333*	Max WS	APP_Tr30_D2	25.63	343.01	344.87		345.49	0.012363	3.47			7.39	5.23	0.93
FossoLaBora	10.333*	Max WS	APP_Tr30_D0.5_	24.02	343.01	344.79	344.75	345.40	0.012878	3.45			6.96	5.19	0.95
FossoLaBora	10.333*	Max WS	APP_Tr30_D3	21.67	343.01	344.67	344.66	345.27	0.013576	3.41			6.35	5.14	0.98
FossoLaBora	10.000*	Max WS	APP_Tr30_D1	26.59	342.82	345.03		345.48	0.007862	2.98			8.92	5.19	0.73
FossoLaBora	10.000*	Max WS	APP_Tr30_D2	25.63	342.82	344.76		345.35	0.011632	3.40			7.54	5.06	0.89
FossoLaBora	10.000*	Max WS	APP_Tr30_D0.5_	24.02	342.82	344.67		345.26	0.012097	3.38			7.10	5.02	0.91
FossoLaBora	10.000*	Max WS	APP_Tr30_D3	21.67	342.82	344.55		345.12	0.012712	3.34			6.48	4.96	0.93
FossoLaBora	9.667*	Max WS	APP_Tr30_D1	26.59	342.64	344.97		345.39	0.006619	2.86			9.29	5.05	0.67
FossoLaBora	9.667*	Max WS	APP_Tr30_D2	25.63	342.64	344.66		345.22	0.010206	3.32			7.72	4.90	0.84
FossoLaBora	9.667*	Max WS	APP_Tr30_D0.5_	24.02	342.64	344.56		345.12	0.010566	3.30			7.27	4.85	0.86
FossoLaBora	9.667*	Max WS	APP_Tr30_D3	21.67	342.64	344.44		344.98	0.011024	3.26			6.65	4.79	0.88
FossoLaBora	9.333*	Max WS	APP_Tr30_D1	26.59	342.45	344.93		345.31	0.005943	2.74			9.69	4.91	0.62
FossoLaBora	9.333*	Max WS	APP_Tr30_D2	25.63	342.45	344.56		345.10	0.009525	3.24			7.92	4.73	0.80
FossoLaBora	9.333*	Max WS	APP_Tr30_D0.5_	24.02	342.45	344.47		344.99	0.009801	3.21			7.48	4.69	0.81
FossoLaBora	9.333*	Max WS	APP_Tr30_D3	21.67	342.45	344.33		344.84	0.010118	3.16			6.86	4.63	0.83
FossoLaBora	9	Max WS	APP_Tr30_D1	26.59	342.26	344.83	344.23	345.31	0.003242	3.05			8.71	4.85	0.64
FossoLaBora	9	Max WS	APP_Tr30_D2	25.63	342.26	344.49	344.19	345.10	0.005090	3.45			7.44	4.58	0.78
FossoLaBora	9	Max WS	APP_Tr30_D0.5_	24.02	342.26	344.40	344.11	344.98	0.005276	3.39			7.08	4.54	0.79
FossoLaBora	9	Max WS	APP_Tr30_D3	21.67	342.26	344.26	344.01	344.81	0.005495	3.30			6.57	4.47	0.79
FossoLaBora	8.5			Bridge											
FossoLaBora	8	Max WS	APP_Tr30_D1	26.59	341.75	342.90	343.46	344.79	0.031718	6.09			4.36	6.58	1.87
FossoLaBora	8	Max WS	APP_Tr30_D2	25.63	341.75	342.88	343.42	344.71	0.031401	5.99			4.28	6.57	1.85
FossoLaBora	8	Max WS	APP_Tr30_D0.5_	24.02	341.75	342.84	343.36	344.56	0.030852	5.80			4.14	6.55	1.83
FossoLaBora	8	Max WS	APP_Tr30_D3	21.67	341.75	342.79	343.25	344.34	0.029934	5.52			3.93	6.51	1.78
FossoLaBora	7.99			Lat Struct											
FossoLaBora	7.98			Lat Struct											
FossoLaBora	7.7500*	Max WS	APP_Tr30_D1	26.59	341.66	342.77	343.00	343.66	0.021600	4.18			6.36	6.99	1.40
FossoLaBora	7.7500*	Max WS	APP_Tr30_D2	25.63	341.66	342.75	342.97	343.61	0.021355	4.11			6.23	6.97	1.39
FossoLaBora	7.7500*	Max WS	APP_Tr30_D0.5_	24.02	341.66	342.72	342.92	343.53	0.020971	4.00			6.00	6.95	1.37
FossoLaBora	7.7500*	Max WS	APP_Tr30_D3	21.67	341.66	342.67	342.85	343.41	0.020345	3.83			5.67	6.91	1.35
FossoLaBora	7.5000*	Max WS	APP_Tr30_D1	26.59	341.58	342.66	342.88	343.51	0.020666	4.07			6.53	7.49	1.39
FossoLaBora	7.5000*	Max WS	APP_Tr30_D2	25.63	341.58	342.64	342.86	343.46	0.020384	4.01			6.40	7.47	1.38
FossoLaBora	7.5000*	Max WS	APP_Tr30_D0.5_	24.02	341.58	342.61	342.81	343.39	0.019935	3.89			6.17	7.44	1.36
FossoLaBora	7.5000*	Max WS	APP_Tr30_D3	21.67	341.58	342.57	342.74	343.27	0.019235	3.71			5.84	7.38	1.33
FossoLaBora	7.2500*	Max WS	APP_Tr30_D1	26.59	341.49	342.56	342.81	343.36	0.020500	3.97			6.70	8.27	1.41
FossoLaBora	7.2500*	Max WS	APP_Tr30_D2	25.63	341.49	342.54	342.78	343.32	0.020153	3.90			6.57	8.24	1.39
FossoLaBora	7.2500*	Max WS	APP_Tr30_D0.5_	24.02	341.49	342.52	342.73	343.25	0.019611	3.78			6.35	8.18	1.37
FossoLaBora	7.2500*	Max WS	APP_Tr30_D3	21.67	341.49	342.47	342.64	343.14	0.018819	3.61			6.01	8.09	1.34
FossoLaBora	7	Max WS	APP_Tr30_D1	26.39	341.40	342.47	342.62	343.09	0.015784	3.56	1.48	1.07	7.86	11.64	1.27
FossoLaBora	7	Max WS	APP_Tr30_D2	25.45	341.40	342.45	342.60	343.06	0.015641	3.51	1.44	1.04	7.70	11.62	1.26
FossoLaBora	7	Max WS	APP_Tr30_D0.5_	23.88	341.40	342.43	342.57	343.00	0.015440	3.41	1.35	0.98	7.41	11.58	1.25
FossoLaBora	7	Max WS	APP_Tr30_D3	21.58	341.40	342.39	342.51	342.92	0.015168	3.26	1.22	0.89	6.97	11.53	1.23
FossoLaBora	6.8462*	Max WS	APP_Tr30_D1	25.08	341.22	342.32	342.46	342.92	0.015246	3.46	1.26	0.95	7.66	11.80	1.25
FossoLaBora	6.8462*	Max WS	APP_Tr30_D2	24.25	341.22	342.31	342.45	342.89	0.015159	3.41	1.21	0.92	7.50	11.78	1.24
FossoLaBora	6.8462*	Max WS	APP_Tr30_D0.5_	22.85	341.22	342.29	342.41	342.84	0.015004	3.32	1.13	0.87	7.23	11.74	1.23
FossoLaBora	6.8462*	Max WS	APP_Tr30_D3	20.81	341.22	342.25	342.37	342.76	0.014818	3.20	0.99	0.78	6.81	11.69	1.21
FossoLaBora	6.6923*	Max WS	APP_Tr30_D1	24.28	341.03	342.18	342.32	342.76	0.014955	3.39	1.03	0.85	7.50	11.95	1.23
FossoLaBora	6.6923*	Max WS	APP_Tr30_D2	23.53	341.03	342.17	342.31	342.74	0.014929	3.35	0.98	0.82	7.34	11.93	1.22
FossoLaBora	6.6923*	Max WS	APP_Tr30_D0.5_	22.27	341.03	342.15	342.28	342.69	0.014875	3.28	0.89	0.76	7.07	11.90	1.22
FossoLaBora	6.6923*	Max WS	APP_Tr30_D3	20.42	341.03	342.11	342.23	342.62	0.014823	3.17	0.74	0.68	6.66	11.84	1.20
FossoLaBora	6.5385*	Max WS	APP_Tr30_D1	23.88	340.85	342.05	342.19	342.62	0.014953	3.37	0.78	0.74	7.35	12.11	1.22
FossoLaBora	6.5385*	Max WS	APP_Tr30_D2	23.20	340.85	342.03	342.17	342.60	0.014968	3.33	0.72	0.71	7.19	12.09	1.22
FossoLaBora	6.5385*	Max WS	APP_Tr30_D0.5_	22.04	340.85	342.01	342.14	342.55	0.015061	3.28	0.61	0.66	6.91	12.05	1.22
FossoLaBora	6.5385*	Max WS	APP_Tr30_D3	20.32	340.85	341.98	342.10	342.49	0.015182	3.18	0.40	0.58	6.49	11.98	1.21
FossoLaBora	6.3846*	Max WS	APP_Tr30_D1	23.77	340.67	341.91	342.05	342.49	0.015261	3.38	0.46	0.64	7.17	12.26	1.23
FossoLaBora	6.3846*	Max WS	APP_Tr30_D2	23.12	340.67	341.89	342.03	342.46	0.015330	3.35	0.38	0.61	7.01	12.23	1.23
FossoLaBora	6.3846*	Max WS	APP_Tr30_D0.5_	22.01	340.67	341.87	342.01	342.42	0.015517	3.30	0.29	0.55	6.72	11.22	1.23
FossoLaBora	6.3846*	Max WS	APP_Tr30_D3	20.32	340.67	341.83	341.97	342.36	0.015857	3.22	0.30	0.45	6.33	9.57	1.23
FossoLaBora	6.2308*	Max WS	APP_Tr30_D1	23.76	340.48	341.76	341.92	342.35	0.015848	3.41	0.36	0.51	7.00	9.73	1.25
FossoLaBora	6.2308*	Max WS	APP_Tr30_D2	23.12	340.48	341.75	341.90	342.33	0.015944	3.38	0.31	0.47	6.86	9.64	1.25
FossoLaBora	6.2308*	Max WS	APP_Tr30_D0.5_	22.01	340.48	341.72	341.87	342.29	0.016218	3.33	0.20	0.40	6.62	9.47	1.25
FossoLaBora	6.2308*	Max WS	APP_Tr30_D3	20.32	340.48	341.68	341.82	342.22	0.016662	3.26		0.25	6.24	9.19	1.26
FossoLaBora	6.0769*	Max WS	APP_Tr30_D1	23.76	340.30	341.61	341.77	342.22	0.016672	3.44	0.04	0.34	6.90	9.38	1.27
FossoLaBora	6.0769*	Max WS	APP_Tr30_D2	23.12	340.30	341.60	341.75	342.19	0.016797	3.42		0.28	6.76	9.28	1.27
FossoLaBora	6.0769*	Max WS	APP_Tr30_D0.5_	22.01	340.30	341.57	341.71	342.15	0.016920	3.38		0.16	6.51	9.11	1.27
FossoLaBora	6.0769*	Max WS	APP_Tr30_D3	20.32	340.30	341.53	341.65	342.09	0.017104	3.32			6.12	8.83	1.27
FossoLaBora	5.9231*	Max WS	APP_Tr30_D1	23.76	340.12	341.46	341.60	342.08	0.017205	3.50			6.79	9.04	1.29
FossoLaBora	5.9231*	Max WS	APP_Tr30_D2	23.12	340.12	341.44	341.58	342.06	0.017256	3.48			6.64	8.93	1.29
FossoLaBora	5.9231*	Max WS	APP_Tr30_D0.5_	22.01	340.12	341.41	341.55	342.02	0.017336	3.45			6.39	8.75	1.29
FossoLaBora	5.9231*	Max WS	APP_Tr30_D3	20.32	340.12	341.37	341.51	341.95	0.017462	3.39			5.99	8.46	1.29
FossoLaBora	5.7692*	Max WS	APP_Tr30_D1	23.76	339.93	341.30	341.46	341.95	0.017492	3.57			6.66	8.68	1.30
FossoLaBora	5.7692*	Max WS	APP_Tr30_D2	23.12	339.93	341.28	341.44	341.92	0.017555	3.55			6.52	8.57	1.30
FossoLaBora	5.7692*	Max WS	APP_Tr30_D0.5_	22.01	339.93	341.25	341.41	341.88	0.017677	3.52			6.26	8.38	1.30
FossoLaBora	5.7692*	Max WS	APP_Tr30_D3	20.32	339.93	341.20	341.36	341.81	0.017841	3.46			5.87	8.09	1.30

HEC-RAS River: FossoLaBora Reach: FossoLaBora Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
FossoLaBora	5.6154*	Max WS	APP_Tr30_D1	23.76	339.75	341.13	341.30	341.81	0.017780	3.63			6.54	8.33	1.31
FossoLaBora	5.6154*	Max WS	APP_Tr30_D2	23.12	339.75	341.11	341.29	341.78	0.017832	3.61			6.40	8.22	1.31
FossoLaBora	5.6154*	Max WS	APP_Tr30_D0.5_	22.01	339.75	341.08	341.26	341.74	0.017925	3.58			6.15	8.04	1.31
FossoLaBora	5.6154*	Max WS	APP_Tr30_D3	20.32	339.75	341.03	341.21	341.67	0.018152	3.53			5.75	7.75	1.31
FossoLaBora	5.4615*	Max WS	APP_Tr30_D1	23.76	339.56	340.97	341.15	341.66	0.018003	3.70			6.43	7.99	1.32
FossoLaBora	5.4615*	Max WS	APP_Tr30_D2	23.12	339.56	340.95	341.13	341.64	0.018040	3.68			6.29	7.89	1.32
FossoLaBora	5.4615*	Max WS	APP_Tr30_D0.5_	22.01	339.56	340.92	341.10	341.59	0.018127	3.64			6.04	7.71	1.31
FossoLaBora	5.4615*	Max WS	APP_Tr30_D3	20.32	339.56	340.86	341.04	341.52	0.018325	3.59			5.65	7.42	1.32
FossoLaBora	5.3077*	Max WS	APP_Tr30_D1	23.76	339.38	340.80	340.99	341.51	0.018020	3.74			6.35	7.68	1.32
FossoLaBora	5.3077*	Max WS	APP_Tr30_D2	23.12	339.38	340.78	340.97	341.49	0.018040	3.72			6.21	7.58	1.31
FossoLaBora	5.3077*	Max WS	APP_Tr30_D0.5_	22.01	339.38	340.75	340.93	341.44	0.018127	3.69			5.96	7.40	1.31
FossoLaBora	5.3077*	Max WS	APP_Tr30_D3	20.32	339.38	340.69	340.87	341.37	0.018279	3.64			5.58	7.12	1.31
FossoLaBora	5.1538*	Max WS	APP_Tr30_D1	23.76	339.20	340.63	340.82	341.36	0.017786	3.77			6.30	7.40	1.31
FossoLaBora	5.1538*	Max WS	APP_Tr30_D2	23.12	339.20	340.61	340.80	341.33	0.017798	3.75			6.16	7.30	1.30
FossoLaBora	5.1538*	Max WS	APP_Tr30_D0.5_	22.01	339.20	340.58	340.77	341.28	0.017826	3.72			5.92	7.12	1.30
FossoLaBora	5.1538*	Max WS	APP_Tr30_D3	20.32	339.20	340.53	340.70	341.21	0.017895	3.66			5.55	6.84	1.30
FossoLaBora	5	Max WS	APP_Tr30_D1	23.76	339.02	340.47	340.66	341.19	0.017192	3.77			6.30	7.15	1.28
FossoLaBora	5	Max WS	APP_Tr30_D2	23.12	339.02	340.45	340.63	341.16	0.017147	3.74			6.17	7.06	1.28
FossoLaBora	5	Max WS	APP_Tr30_D0.5_	5.00	339.02	340.43		340.47	0.000841	0.83			6.06	6.97	0.28
FossoLaBora	5	Max WS	APP_Tr30_D3	5.00	339.02	340.43		340.47	0.000842	0.83			6.06	6.97	0.28
FossoLaBora	4.5000*	Max WS	APP_Tr30_D1	5.00	338.76	340.44		340.46	0.000428	0.63			7.92	8.29	0.21
FossoLaBora	4.5000*	Max WS	APP_Tr30_D2	5.00	338.76	340.44		340.46	0.000429	0.63			7.92	8.29	0.21
FossoLaBora	4.5000*	Max WS	APP_Tr30_D0.5_	5.00	338.76	340.44		340.46	0.000428	0.63			7.92	8.29	0.21
FossoLaBora	4.5000*	Max WS	APP_Tr30_D3	5.00	338.76	340.44		340.46	0.000429	0.63			7.92	8.29	0.21
FossoLaBora	4.0000*	Max WS	APP_Tr30_D1	5.00	338.51	340.44		340.45	0.000230	0.49			10.12	9.63	0.15
FossoLaBora	4.0000*	Max WS	APP_Tr30_D2	5.00	338.51	340.44		340.45	0.000230	0.49			10.12	9.63	0.15
FossoLaBora	4.0000*	Max WS	APP_Tr30_D0.5_	5.00	338.51	340.44		340.45	0.000230	0.49			10.12	9.63	0.15
FossoLaBora	4.0000*	Max WS	APP_Tr30_D3	5.00	338.51	340.44		340.45	0.000230	0.49			10.12	9.63	0.15
FossoLaBora	3.5000*	Max WS	APP_Tr30_D1	4.99	338.26	340.44		340.45	0.000119	0.40	0.05	0.05	12.67	11.31	0.11
FossoLaBora	3.5000*	Max WS	APP_Tr30_D2	5.00	338.26	340.44		340.45	0.000119	0.40	0.05	0.05	12.67	11.31	0.11
FossoLaBora	3.5000*	Max WS	APP_Tr30_D0.5_	4.99	338.26	340.44		340.45	0.000119	0.40	0.05	0.05	12.67	11.31	0.11
FossoLaBora	3.5000*	Max WS	APP_Tr30_D3	5.00	338.26	340.44		340.45	0.000119	0.40	0.05	0.05	12.67	11.31	0.11
FossoLaBora	3.0000*	Max WS	APP_Tr30_D1	4.99	338.01	340.44		340.45	0.000064	0.33	0.06	0.05	15.84	16.62	0.09
FossoLaBora	3.0000*	Max WS	APP_Tr30_D2	4.99	338.01	340.44		340.45	0.000064	0.33	0.06	0.05	15.84	16.62	0.09
FossoLaBora	3.0000*	Max WS	APP_Tr30_D0.5_	4.99	338.01	340.44		340.45	0.000064	0.33	0.06	0.05	15.84	16.62	0.09
FossoLaBora	3.0000*	Max WS	APP_Tr30_D3	4.99	338.01	340.44		340.45	0.000064	0.33	0.06	0.05	15.84	16.62	0.09
FossoLaBora	2.5000*	Max WS	APP_Tr30_D1	4.51	337.76	340.45		340.45	0.000030	0.25	0.06	0.06	19.85	18.60	0.06
FossoLaBora	2.5000*	Max WS	APP_Tr30_D2	4.51	337.76	340.45		340.45	0.000030	0.25	0.06	0.06	19.85	18.60	0.06
FossoLaBora	2.5000*	Max WS	APP_Tr30_D0.5_	4.51	337.76	340.45		340.45	0.000030	0.25	0.06	0.06	19.85	18.60	0.06
FossoLaBora	2.5000*	Max WS	APP_Tr30_D3	4.51	337.76	340.45		340.45	0.000030	0.25	0.06	0.06	19.85	18.60	0.06
FossoLaBora	2.0000*	Max WS	APP_Tr30_D1	3.15	337.51	340.45		340.45	0.000009	0.14	0.04	0.04	24.29	20.31	0.03
FossoLaBora	2.0000*	Max WS	APP_Tr30_D2	3.14	337.51	340.45		340.45	0.000009	0.14	0.04	0.04	24.29	20.31	0.03
FossoLaBora	2.0000*	Max WS	APP_Tr30_D0.5_	3.15	337.51	340.45		340.45	0.000009	0.14	0.04	0.04	24.29	20.31	0.03
FossoLaBora	2.0000*	Max WS	APP_Tr30_D3	3.15	337.51	340.45		340.45	0.000009	0.14	0.04	0.04	24.28	20.31	0.03
FossoLaBora	1.5000*	Max WS	APP_Tr30_D1	1.16	337.25	340.45		340.45	0.000001	0.05	0.01	0.02	29.04	21.65	0.01
FossoLaBora	1.5000*	Max WS	APP_Tr30_D2	1.29	337.25	340.45		340.45	0.000001	0.05	0.02	0.02	29.04	21.65	0.01
FossoLaBora	1.5000*	Max WS	APP_Tr30_D0.5_	1.12	337.25	340.45		340.45	0.000001	0.04	0.01	0.02	29.04	21.65	0.01
FossoLaBora	1.5000*	Max WS	APP_Tr30_D3	1.15	337.25	340.45		340.45	0.000001	0.05	0.01	0.02	29.04	21.65	0.01
FossoLaBora	1	Max WS	APP_Tr30_D1	1.16	337.00	340.45		340.45	0.000000	0.04	0.01	0.02	34.06	22.62	0.01
FossoLaBora	1	Max WS	APP_Tr30_D2	1.29	337.00	340.45		340.45	0.000001	0.04	0.02	0.02	34.06	22.62	0.01
FossoLaBora	1	Max WS	APP_Tr30_D0.5_	1.11	337.00	340.45		340.45	0.000000	0.04	0.01	0.01	34.06	22.62	0.01
FossoLaBora	1	Max WS	APP_Tr30_D3	1.14	337.00	340.45		340.45	0.000000	0.04	0.01	0.01	34.06	22.62	0.01
FossoLaBora	0.75000*	Max WS	APP_Tr30_D1	1.16	336.96	340.45		340.45	0.000000	0.03	0.02	0.01	41.70	25.77	0.01
FossoLaBora	0.75000*	Max WS	APP_Tr30_D2	1.29	336.96	340.45		340.45	0.000000	0.04	0.02	0.02	41.70	25.77	0.01
FossoLaBora	0.75000*	Max WS	APP_Tr30_D0.5_	1.11	336.96	340.45		340.45	0.000000	0.03	0.02	0.01	41.70	25.77	0.01
FossoLaBora	0.75000*	Max WS	APP_Tr30_D3	1.14	336.96	340.45		340.45	0.000000	0.03	0.02	0.01	41.70	25.77	0.01
FossoLaBora	0.50000*	Max WS	APP_Tr30_D1	1.16	336.91	340.45		340.45	0.000000	0.03	0.02	0.01	50.98	28.93	0.01
FossoLaBora	0.50000*	Max WS	APP_Tr30_D2	1.29	336.91	340.45		340.45	0.000000	0.03	0.02	0.01	50.98	28.93	0.01
FossoLaBora	0.50000*	Max WS	APP_Tr30_D0.5_	1.11	336.91	340.45		340.45	0.000000	0.03	0.02	0.01	50.98	28.93	0.01
FossoLaBora	0.50000*	Max WS	APP_Tr30_D3	1.14	336.91	340.45		340.45	0.000000	0.03	0.02	0.01	50.98	28.93	0.01
FossoLaBora	0.25000*	Max WS	APP_Tr30_D1	1.16	336.87	340.45		340.45	0.000000	0.02	0.02	0.01	61.89	32.09	0.00
FossoLaBora	0.25000*	Max WS	APP_Tr30_D2	1.29	336.87	340.45		340.45	0.000000	0.03	0.02	0.01	61.89	32.09	0.01
FossoLaBora	0.25000*	Max WS	APP_Tr30_D0.5_	1.11	336.87	340.45		340.45	0.000000	0.02	0.01	0.01	61.89	32.09	0.00
FossoLaBora	0.25000*	Max WS	APP_Tr30_D3	1.14	336.87	340.45		340.45	0.000000	0.02	0.01	0.01	61.89	32.09	0.00
FossoLaBora	0	Max WS	APP_Tr30_D1	1.15	336.82	340.45	337.15	340.45	0.000000	0.02	0.01	0.01	74.45	35.24	0.00
FossoLaBora	0	Max WS	APP_Tr30_D2	1.29	336.82	340.45	337.17	340.45	0.000000	0.02	0.02	0.01	74.45	35.24	0.00
FossoLaBora	0	Max WS	APP_Tr30_D0.5_	1.11	336.82	340.45	337.14	340.45	0.000000	0.02	0.01	0.01	74.45	35.24	0.00
FossoLaBora	0	Max WS	APP_Tr30_D3	1.14	336.82	340.45	337.15	340.45	0.000000	0.02	0.01	0.01	74.45	35.24	0.00

ALLEGATI

MODELLAZIONE HEC-RAS 6.3.1 "POPPI_AP631"

ROIESINE

MODELLAZIONE PER TR=30 e 200 ANNI

DURATA DI PIOGGIA: 0.5, 1, 2 e 3h

Profilo longitudinale

Sezioni Trasversali

Dati idraulici

ALLEGATI

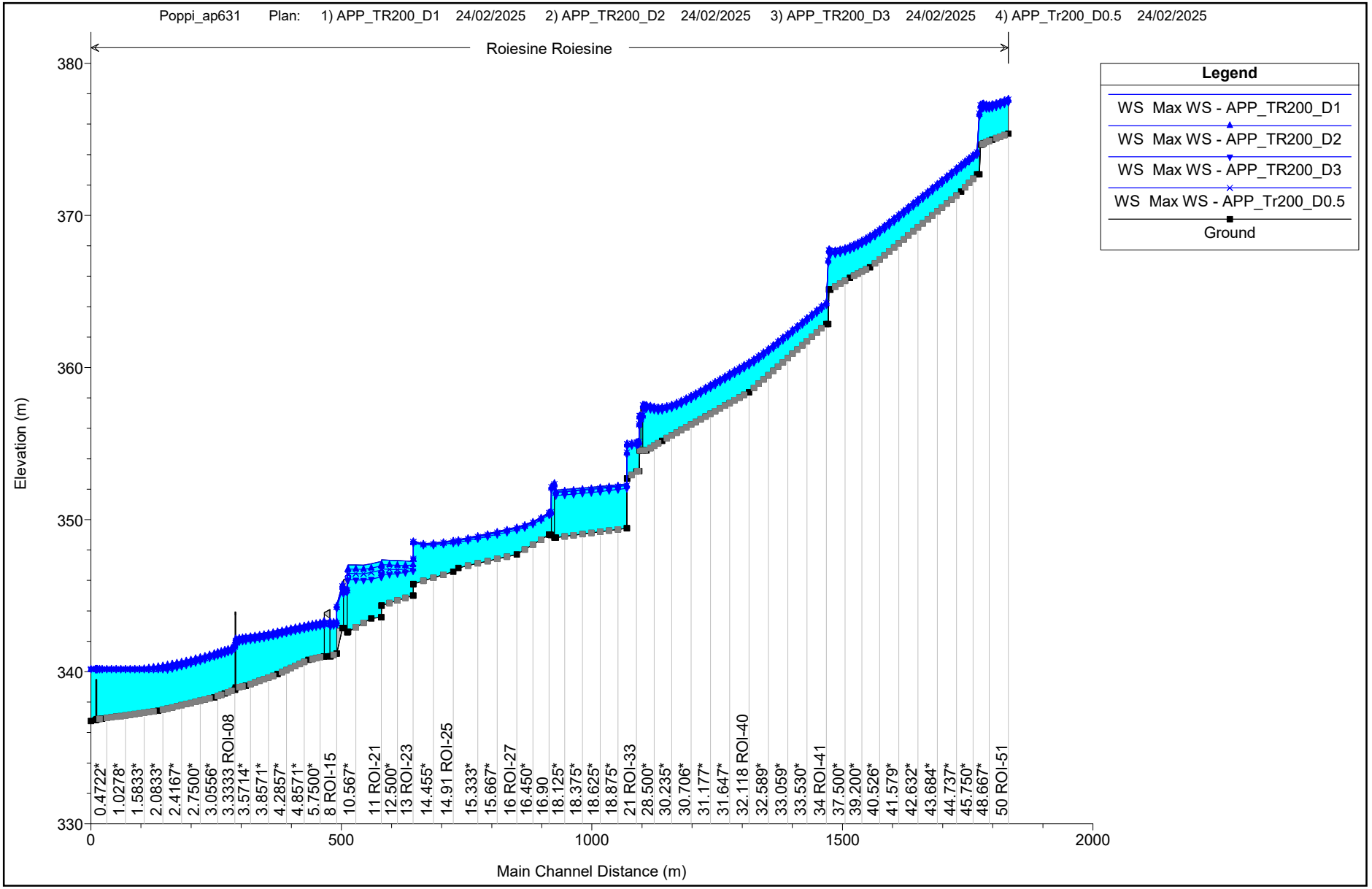
MODELLAZIONE HEC-RAS 6.3.1 "POPPI_AP631"

ROIESINE

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 0.5, 1, 2 e 3h

Profilo longitudinale


Poppi_ap631 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
Roiesine Roiesine
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_Tr200_D0.5
Ground
Elevation (m)
Main Channel Distance (m)
380
370
360
350
340
330
0
500
1000
1500
2000
0.4722*
1.0278*
1.5833*
2.0833*
2.4167*
2.7500*
3.0556*
3.3333 ROI-08
3.5714*
3.8571*
4.2857*
4.8571*
5.7500*
8 ROI-15
10.567*
11 ROI-21
12.500*
13 ROI-23
14.455*
14.91 ROI-25
15.333*
15.667*
16 ROI-27
16.450*
16.90
18.125*
18.375*
18.625*
18.875*
21 ROI-33
28.500*
30.235*
30.706*
31.177*
31.647*
32.118 ROI-40
32.589*
33.059*
33.530*
34 ROI-41
37.500*
39.200*
40.526*
41.579*
42.632*
43.684*
44.737*
45.750*
48.667*
50 ROI-51

ALLEGATI

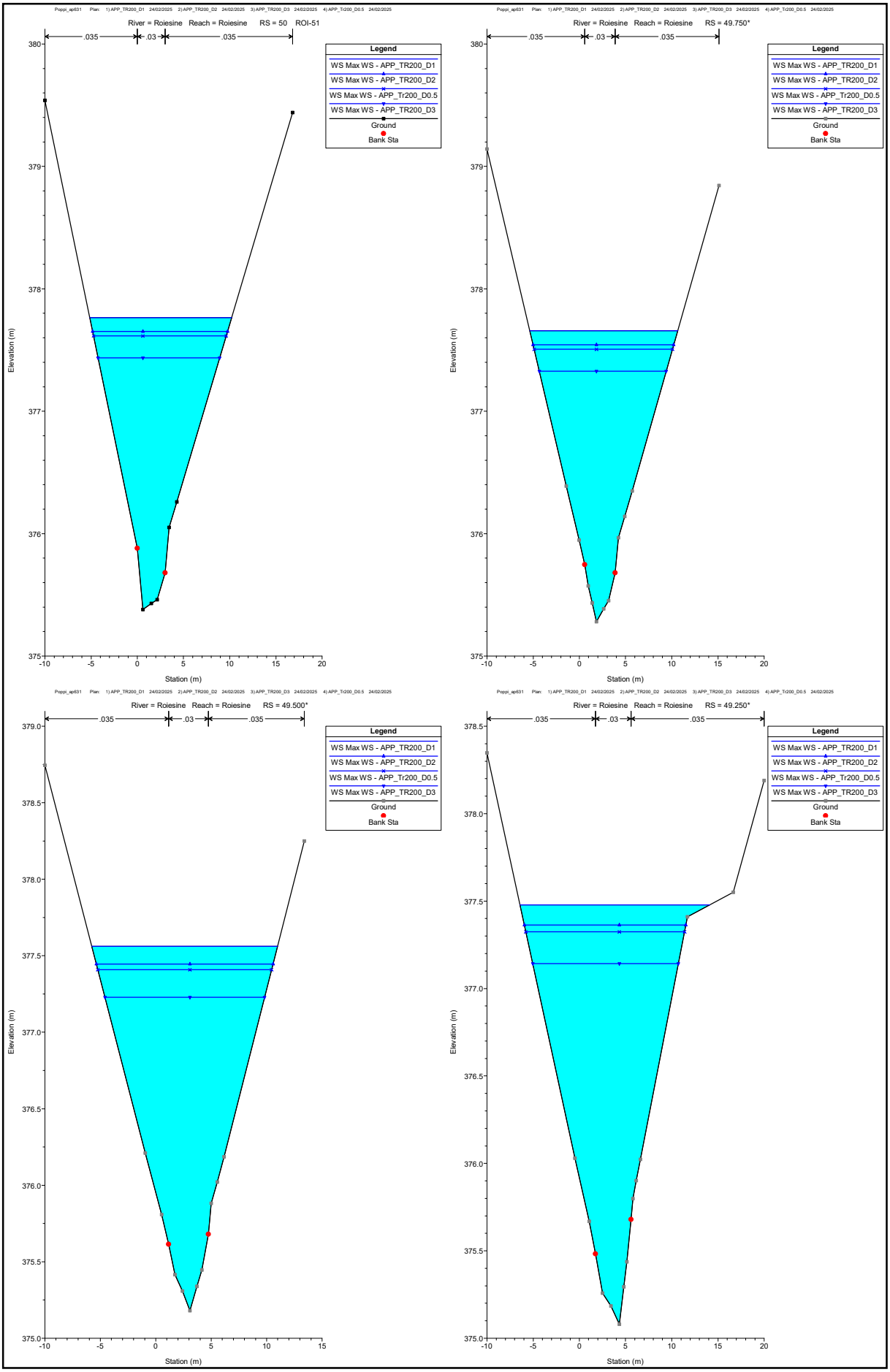
MODELLAZIONE HEC-RAS 6.3.1 "POPPI_AP631"

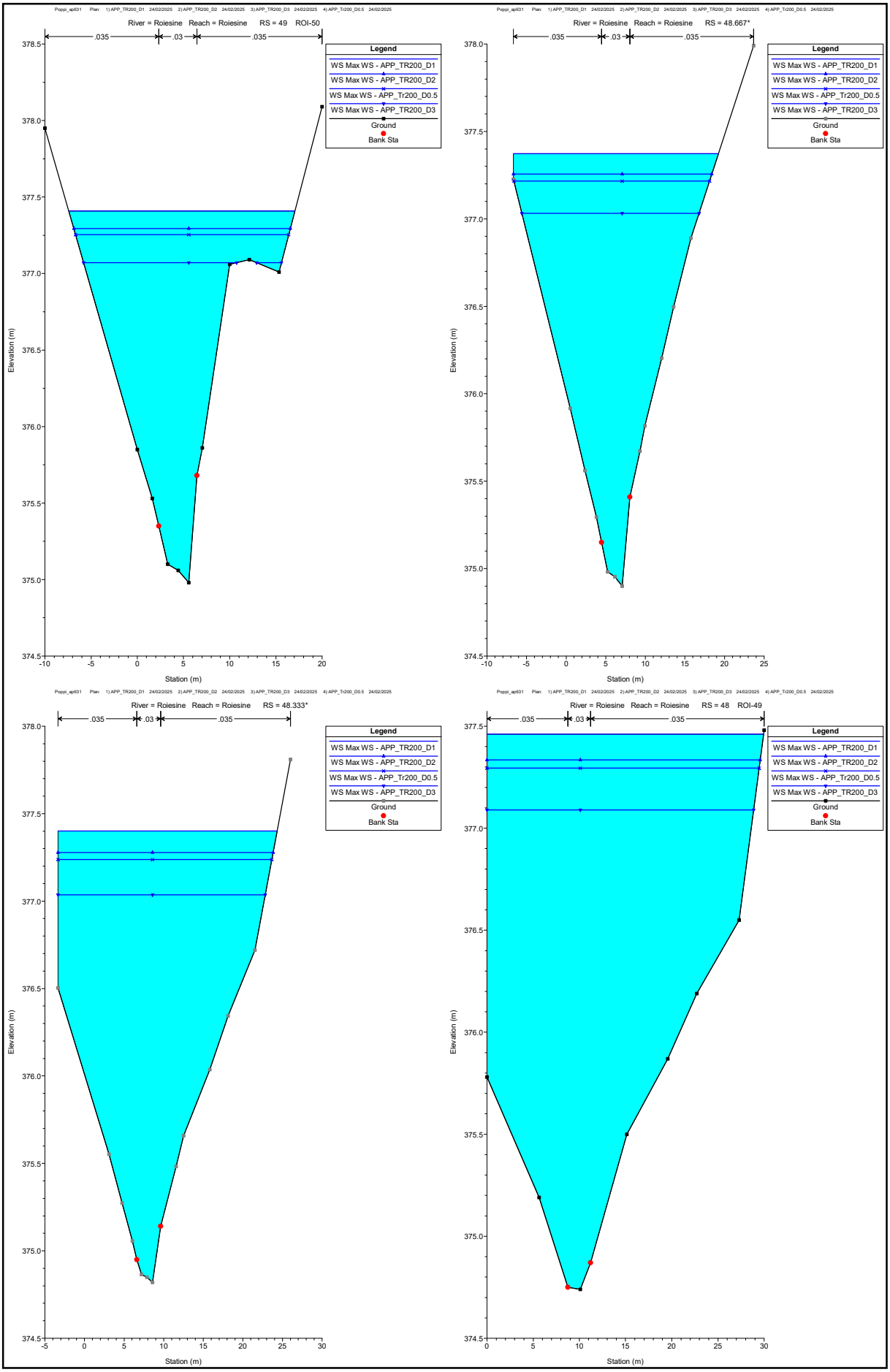
ROIESINE

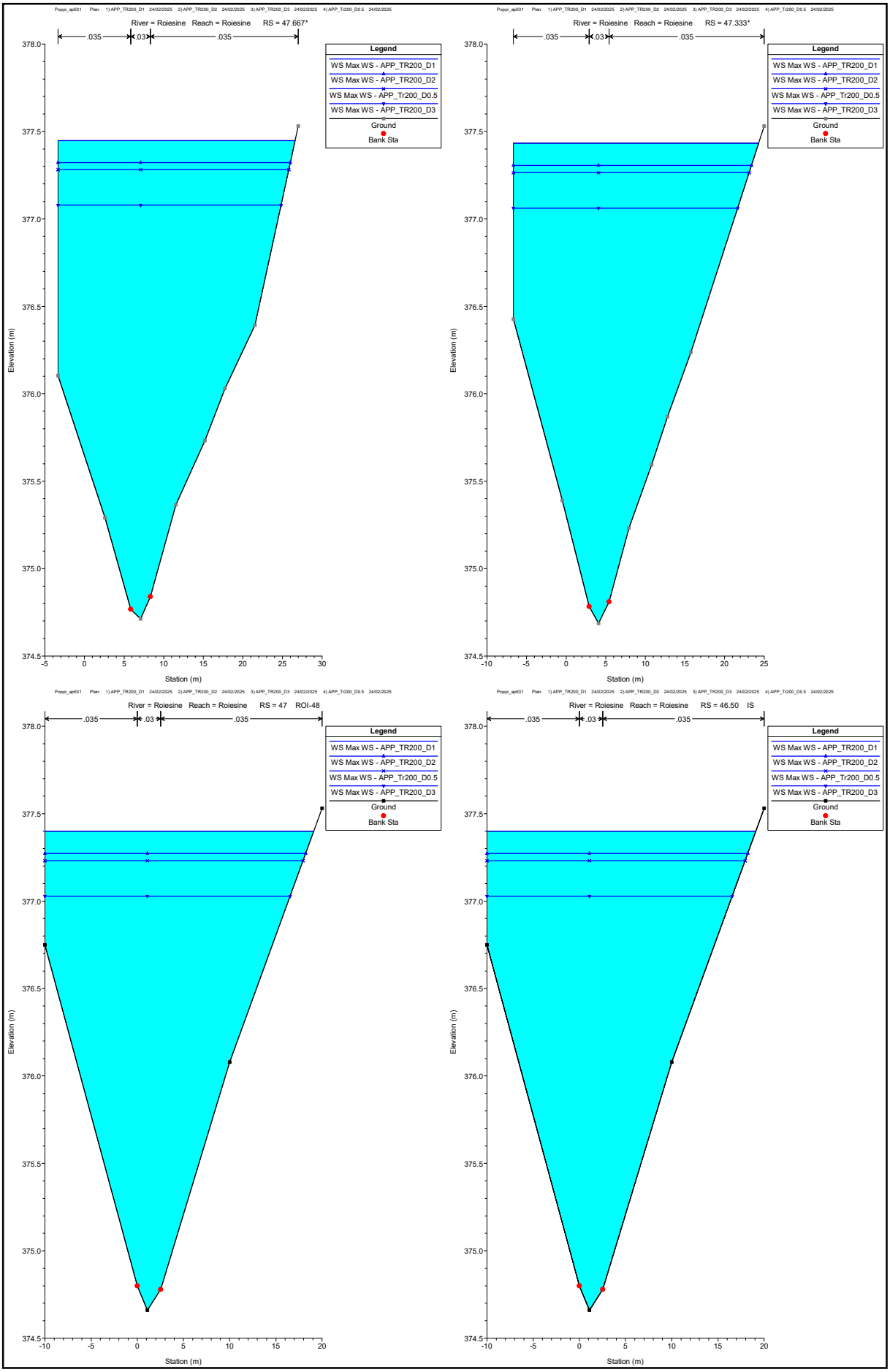
MODELLAZIONE PER TR= 200 anni

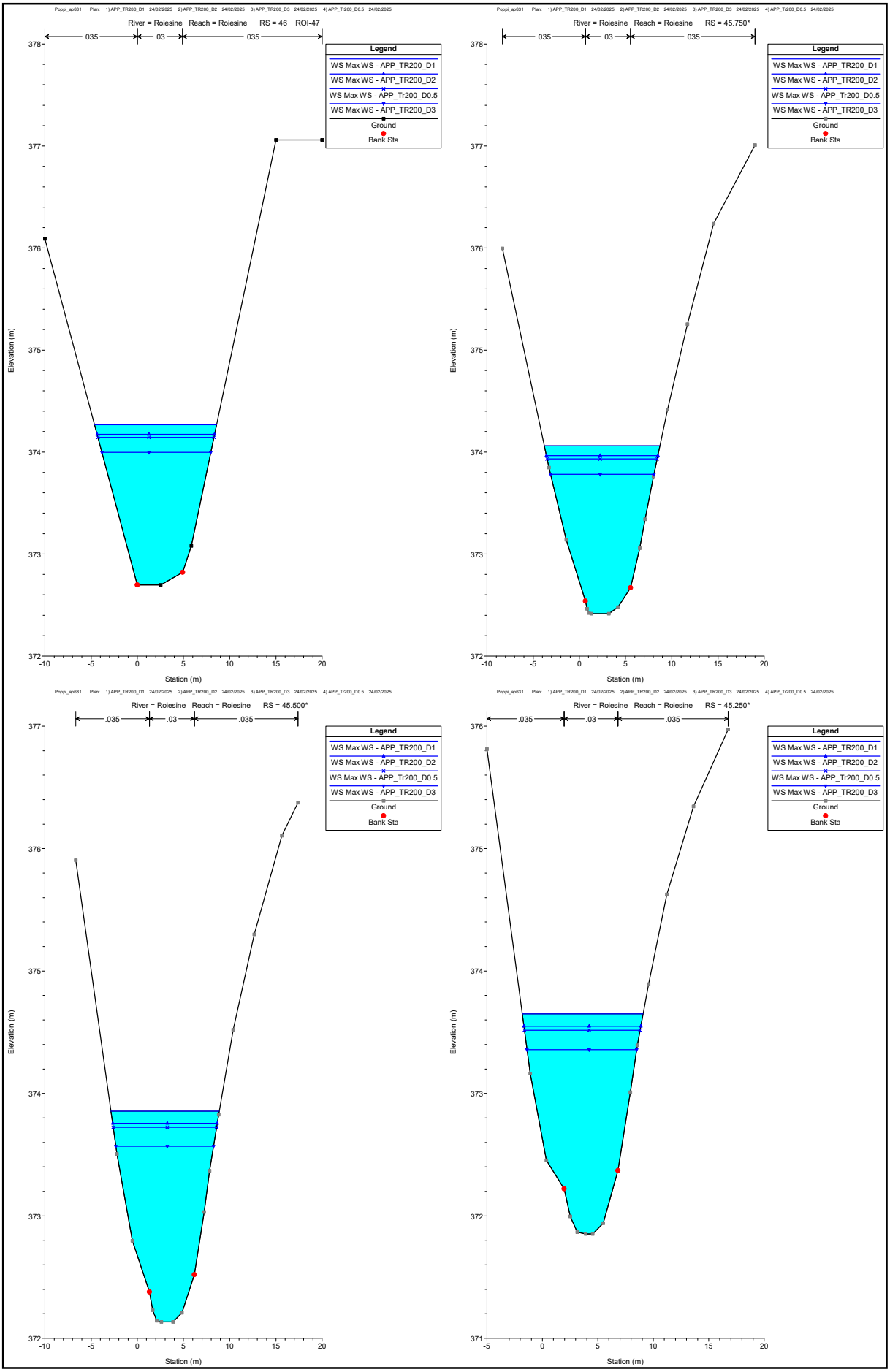
DURATE DI PIOGGIA: 0.5, 1, 2 e 3h

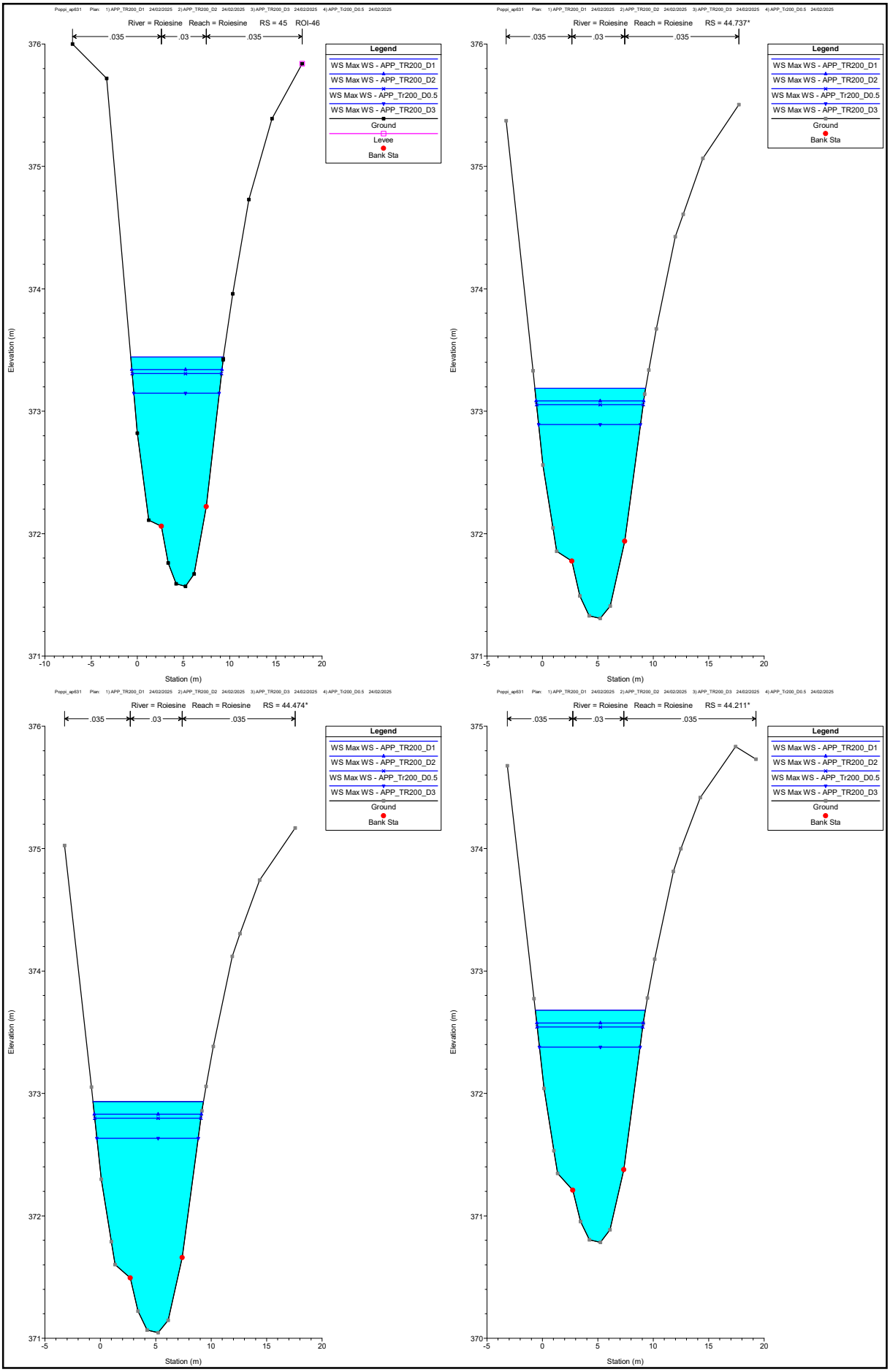
Sezioni Trasversali (da monte verso valle)

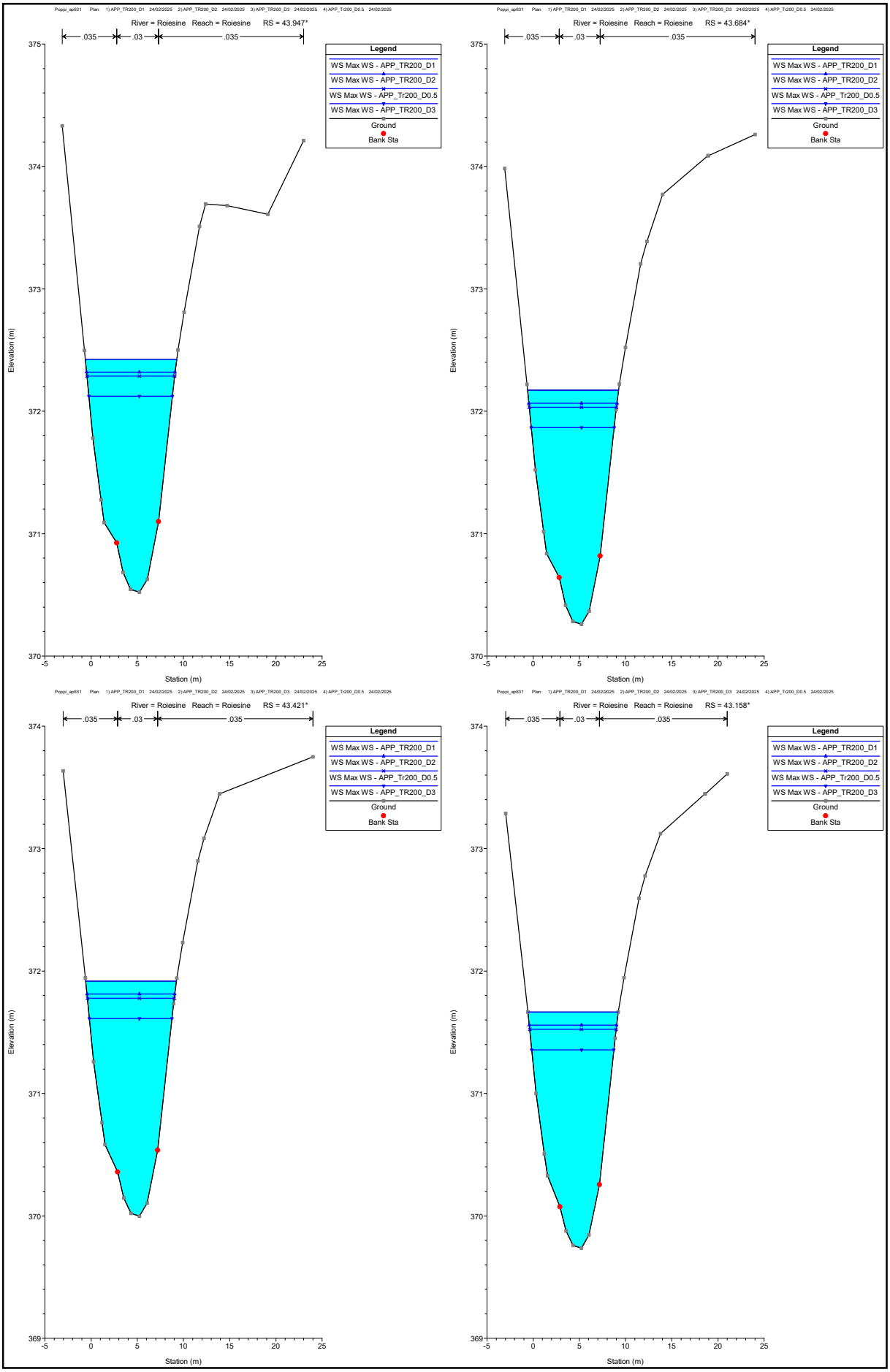

Poppi_ap831 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = Roiesine Reach = Roiesine RS = 50 ROI-51
.035 .03 .035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
River = Roiesine Reach = Roiesine RS = 49.750*
River = Roiesine Reach = Roiesine RS = 49.500*
River = Roiesine Reach = Roiesine RS = 49.250*

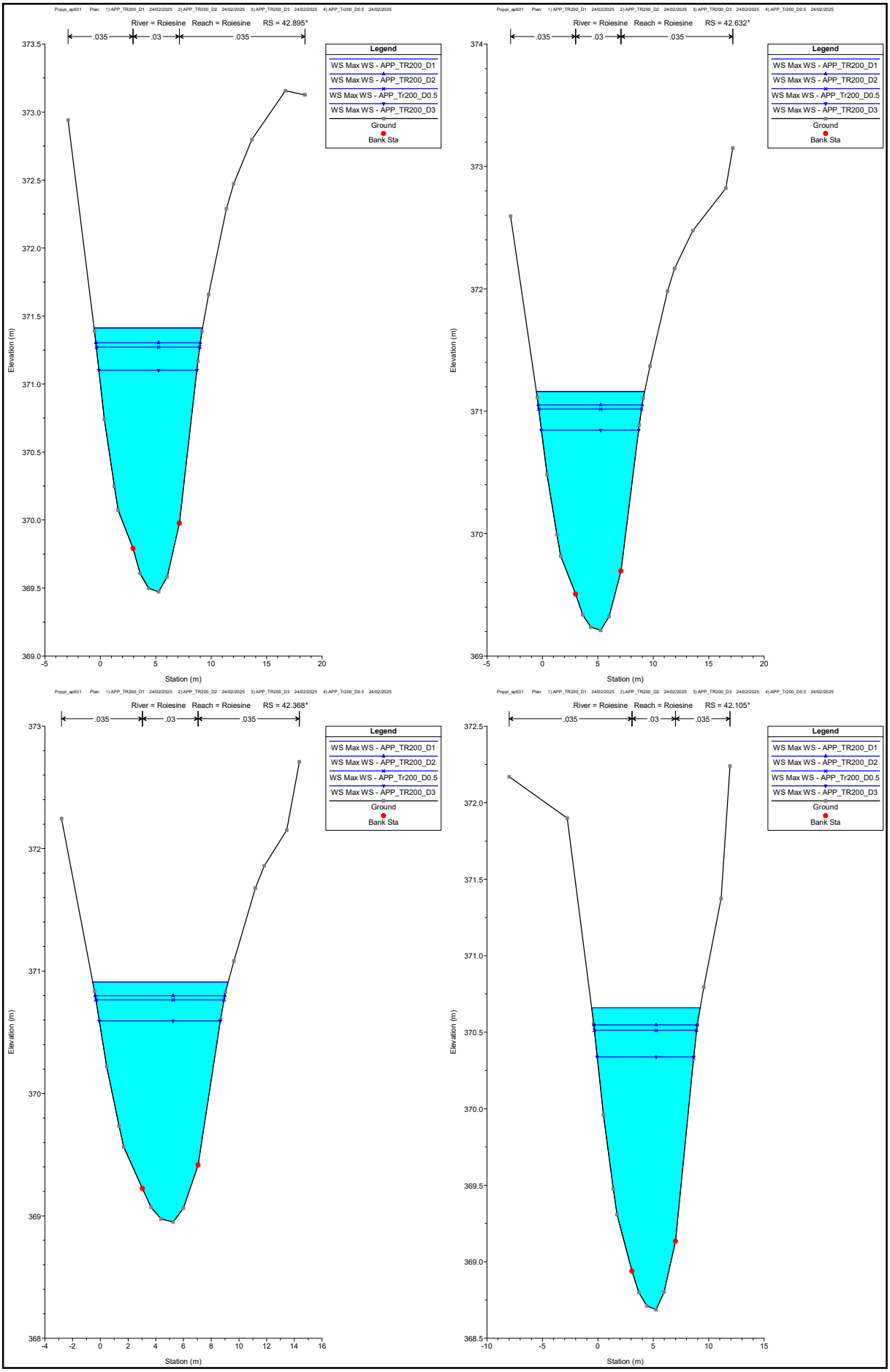

River = Roiesine Reach = Roiesine RS = 49 ROI-50
River = Roiesine Reach = Roiesine RS = 48.667*
River = Roiesine Reach = Roiesine RS = 48.333*
River = Roiesine Reach = Roiesine RS = 48 ROI-49
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)

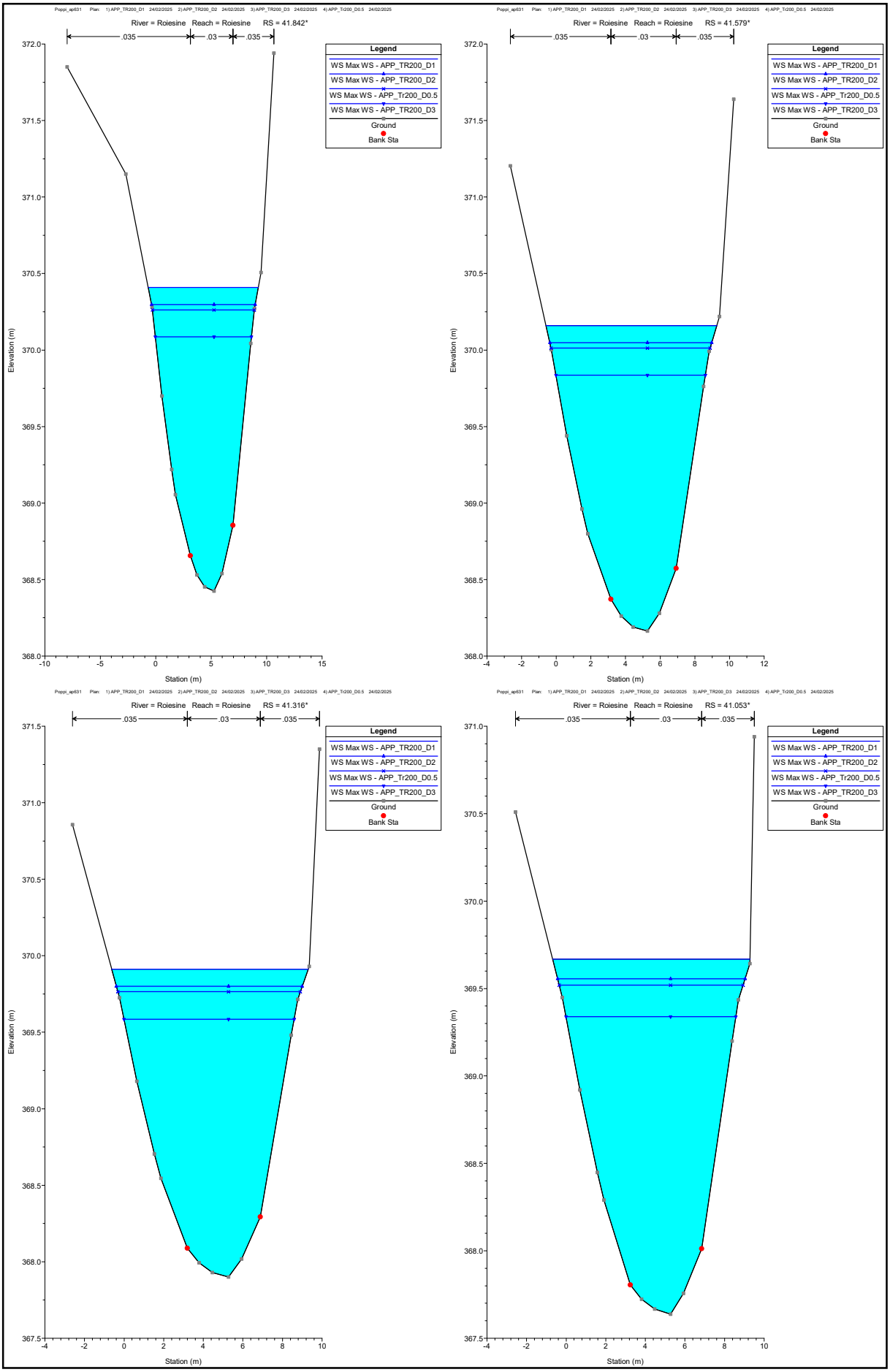

River = Roiesine Reach = Roiesine RS = 47.667*
River = Roiesine Reach = Roiesine RS = 47.333*
River = Roiesine Reach = Roiesine RS = 47 ROI-48
River = Roiesine Reach = Roiesine RS = 46.50 IS
.035
.03
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)

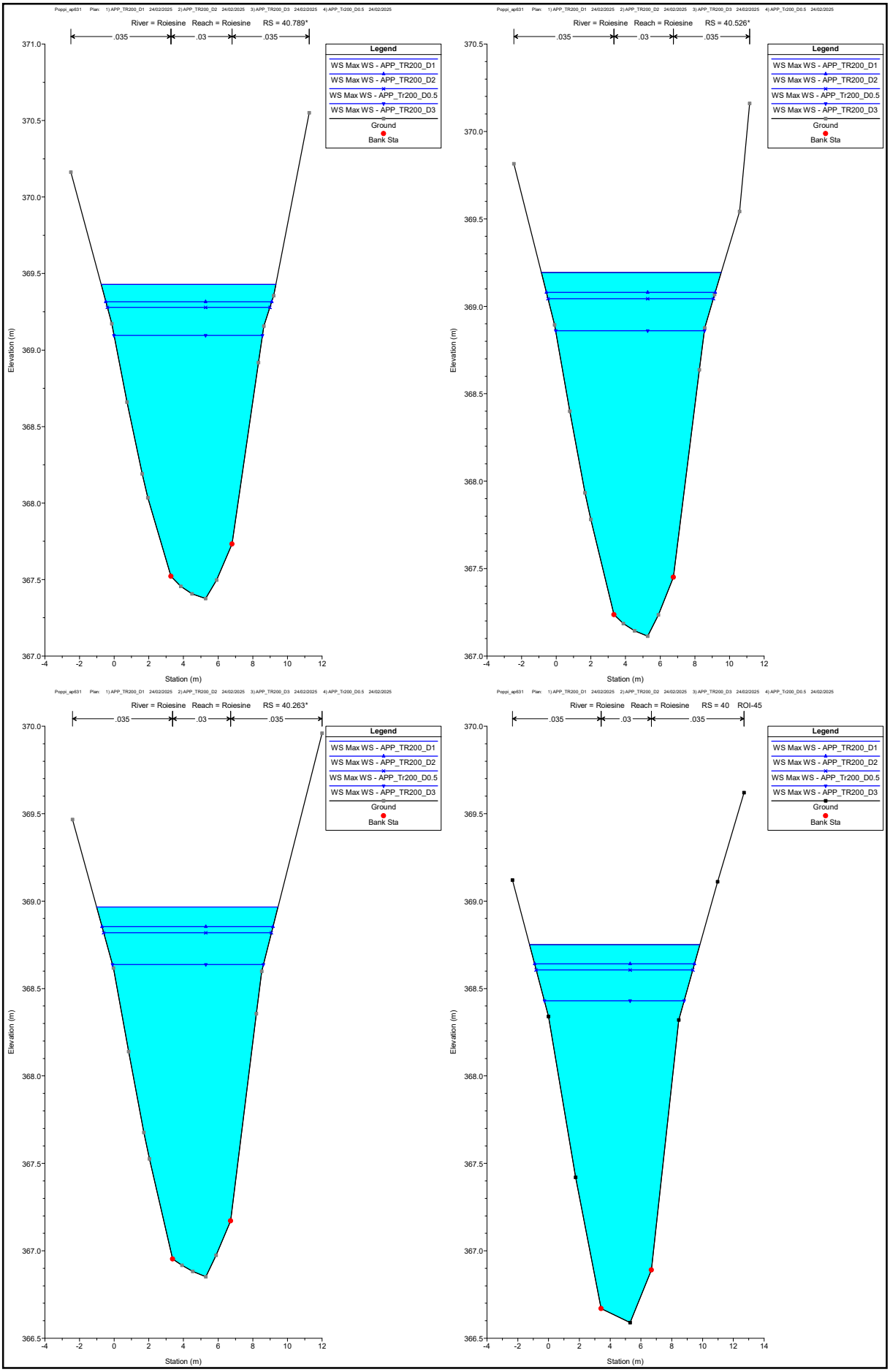

Poppi_ap831 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = Roiesine Reach = Roiesine RS = 46 ROI-47
.035 .03 .035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap831 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = Roiesine Reach = Roiesine RS = 45.750*
.035 .03 .035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap831 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = Roiesine Reach = Roiesine RS = 45.500*
.035 .03 .035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap831 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = Roiesine Reach = Roiesine RS = 45.250*
.035 .03 .035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)

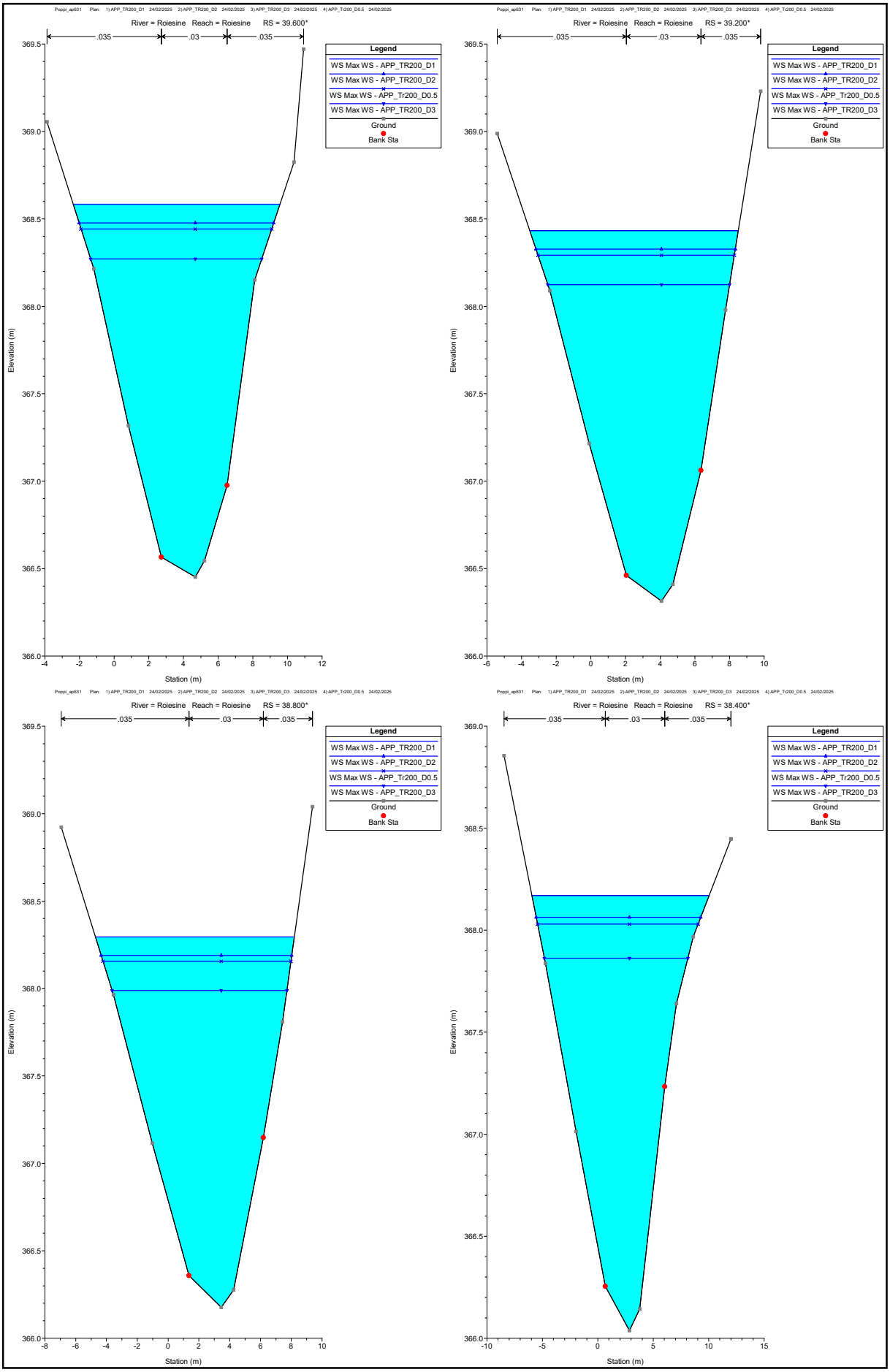

Poppi_ap631 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = Roiesine Reach = Roiesine RS = 45 ROI-46
.035 .03 .035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = Roiesine Reach = Roiesine RS = 44.737*
.035 .03 .035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = Roiesine Reach = Roiesine RS = 44.474*
.035 .03 .035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = Roiesine Reach = Roiesine RS = 44.211*
.035 .03 .035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)

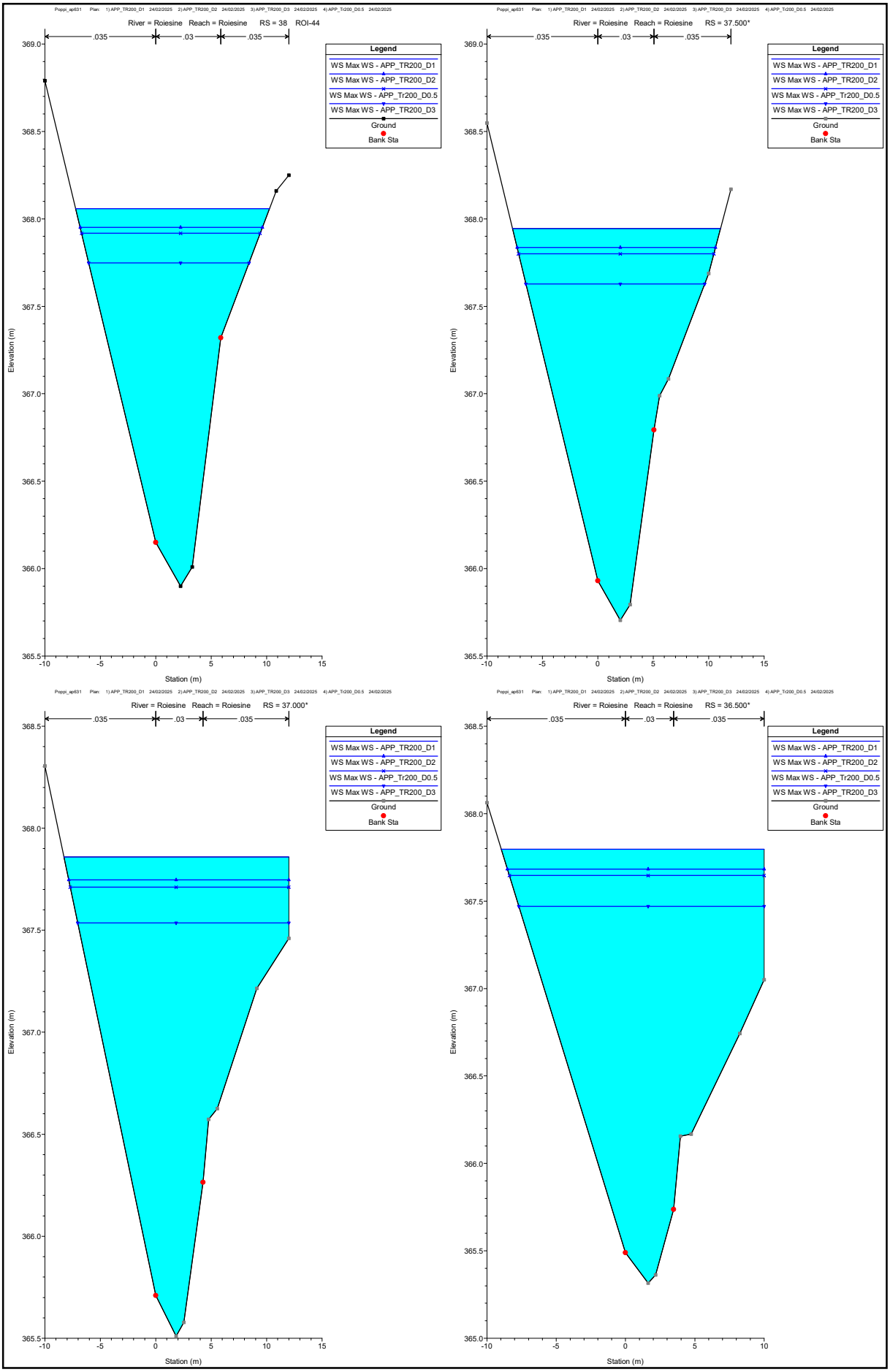

Poppi_ap831 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = Roiesine Reach = Roiesine RS = 43.947*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap831 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = Roiesine Reach = Roiesine RS = 43.684*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap831 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = Roiesine Reach = Roiesine RS = 43.421*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap831 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = Roiesine Reach = Roiesine RS = 43.158*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)

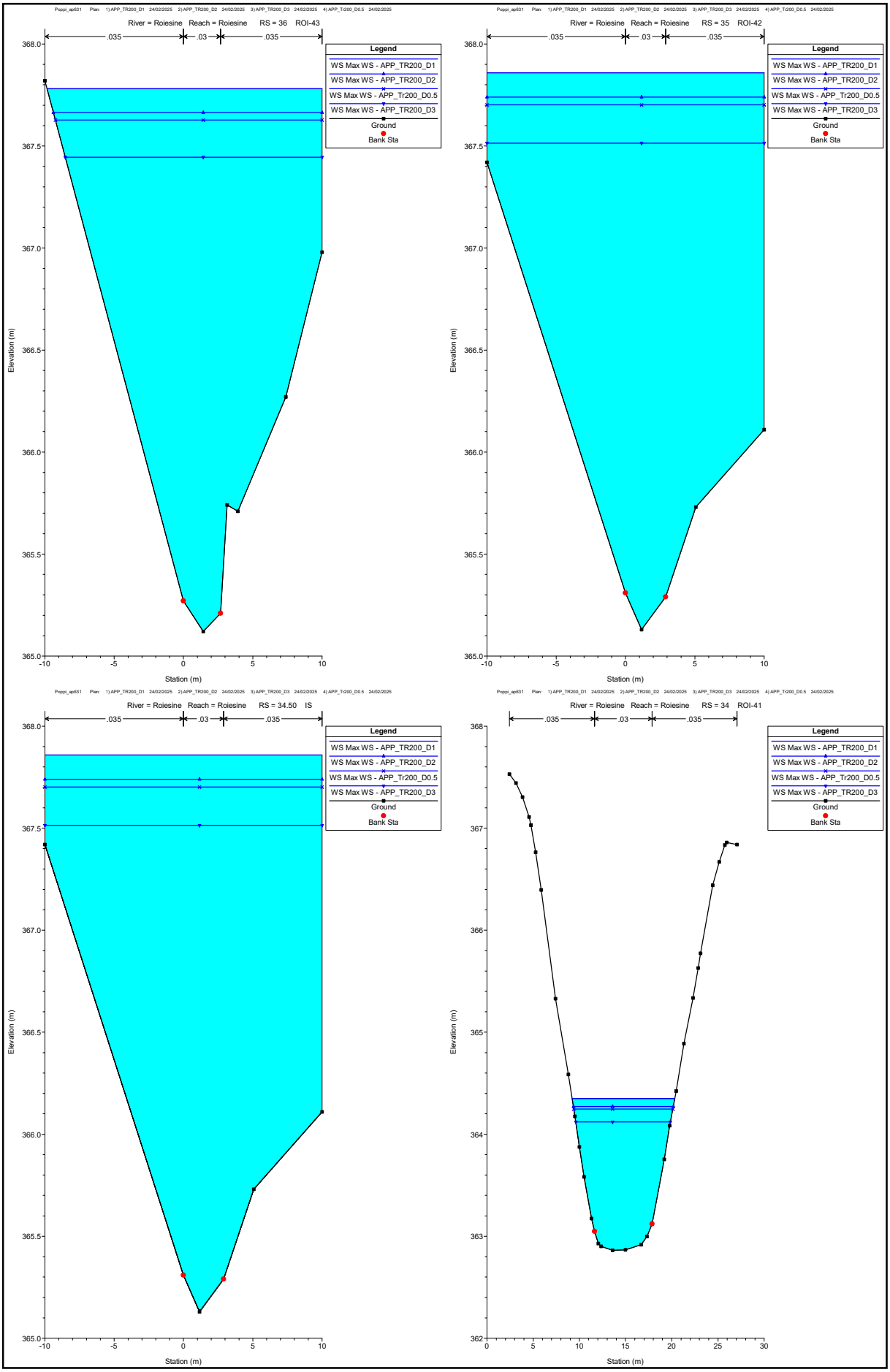

River = Roiesine Reach = Roiesine RS = 42.895*
.035 .03 .035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
River = Roiesine Reach = Roiesine RS = 42.632*
.035 .03 .035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
River = Roiesine Reach = Roiesine RS = 42.368*
.035 .03 .035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
River = Roiesine Reach = Roiesine RS = 42.105*
.035 .03 .035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)

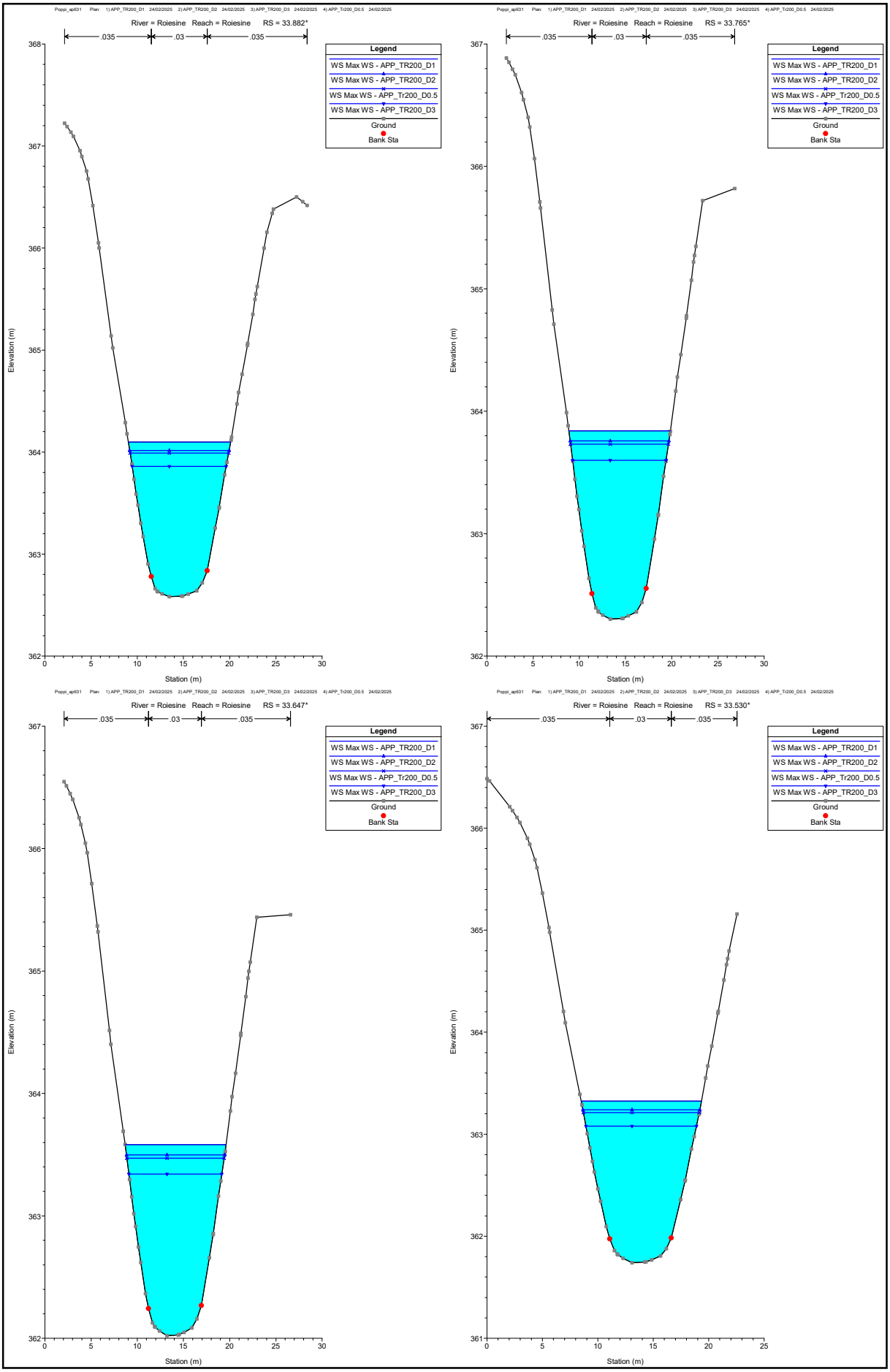

River = Roiesine Reach = Roiesine RS = 41.842*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
River = Roiesine Reach = Roiesine RS = 41.579*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
River = Roiesine Reach = Roiesine RS = 41.316*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
River = Roiesine Reach = Roiesine RS = 41.053*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)

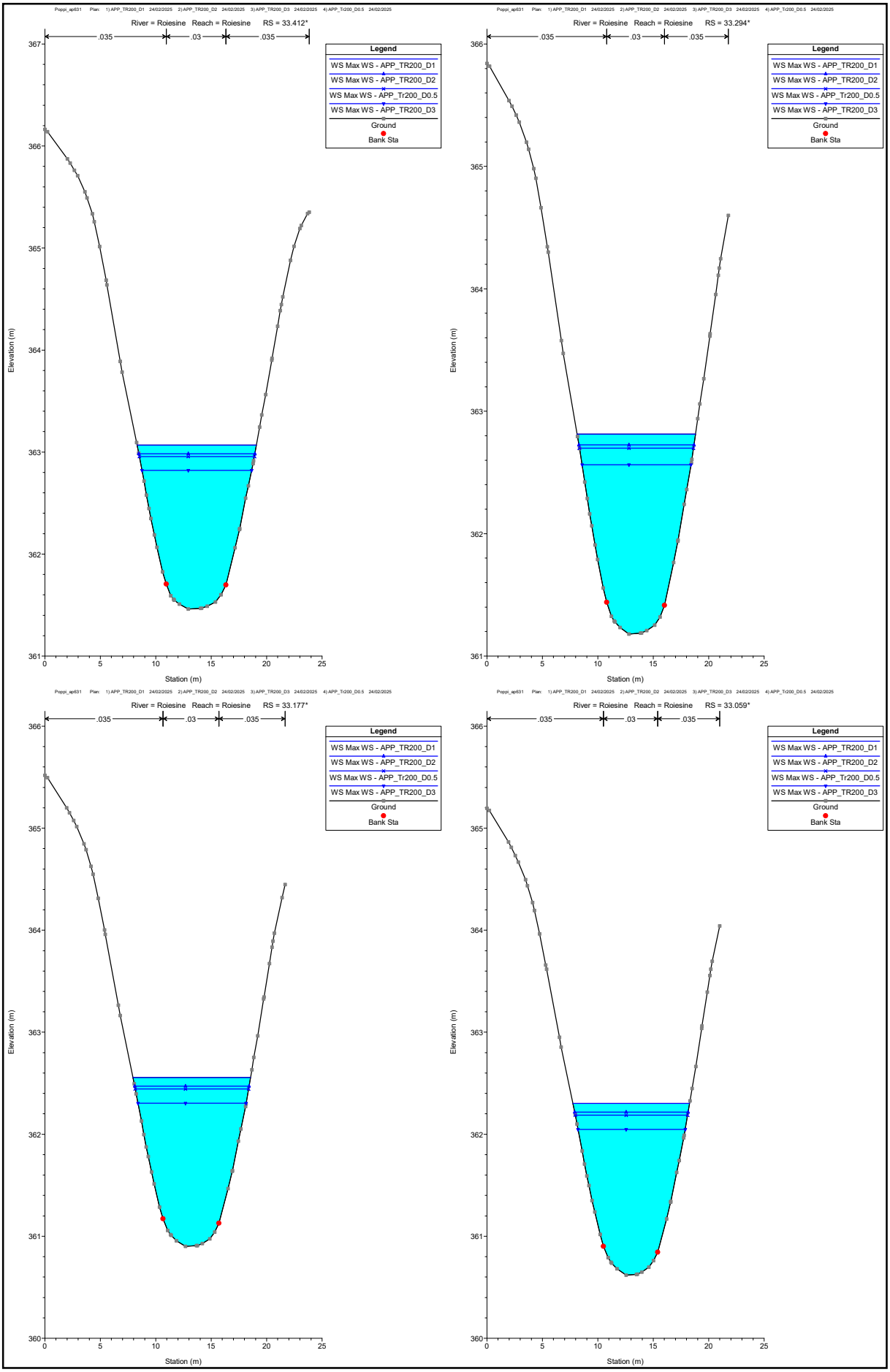

River = Roiesine Reach = Roiesine RS = 40.789*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
River = Roiesine Reach = Roiesine RS = 40.526*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
River = Roiesine Reach = Roiesine RS = 40.263*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
River = Roiesine Reach = Roiesine RS = 40 ROI-45
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)

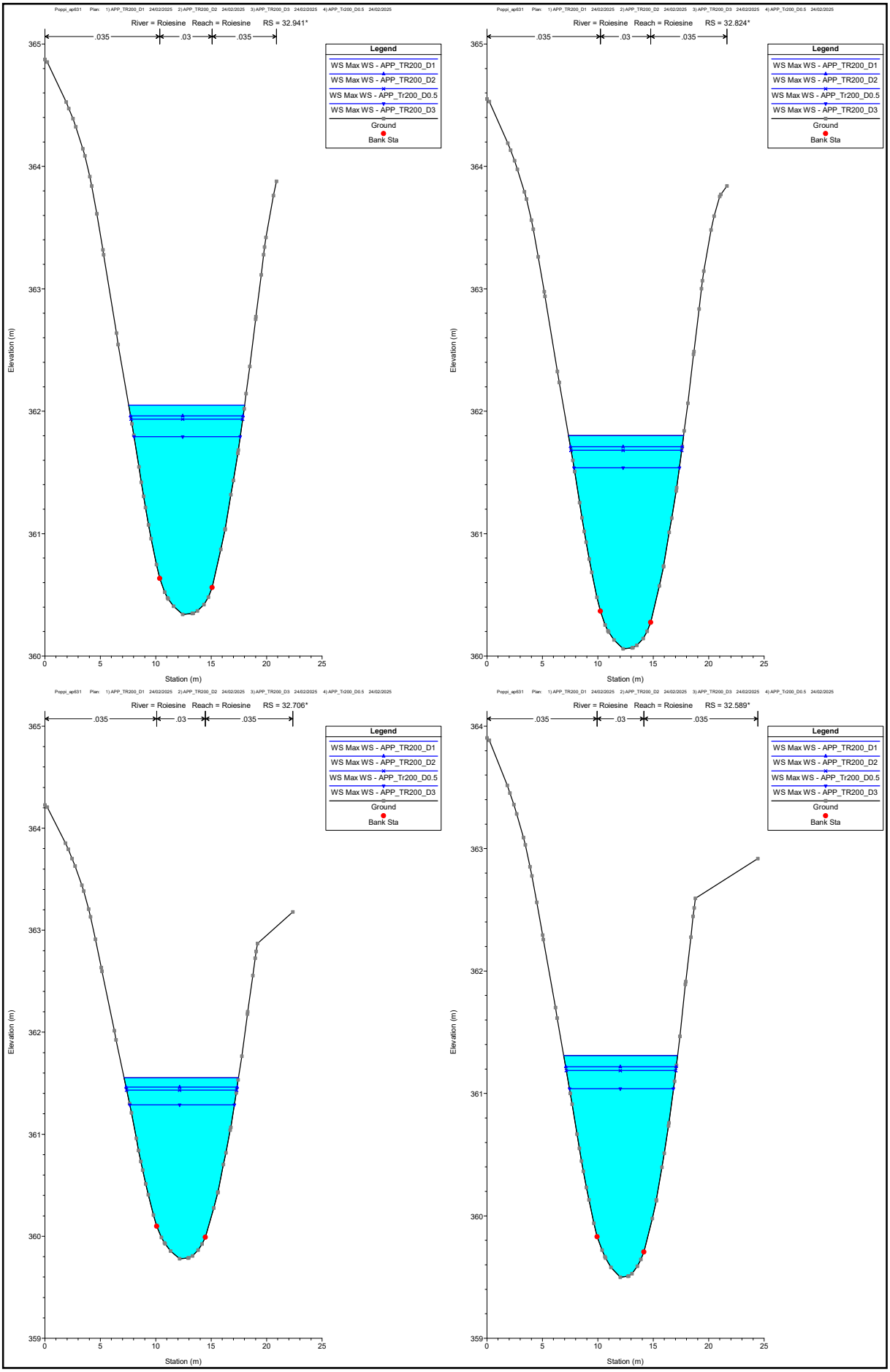

River = Roiesine Reach = Roiesine RS = 39.600*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
River = Roiesine Reach = Roiesine RS = 39.200*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
River = Roiesine Reach = Roiesine RS = 38.800*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
River = Roiesine Reach = Roiesine RS = 38.400*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)

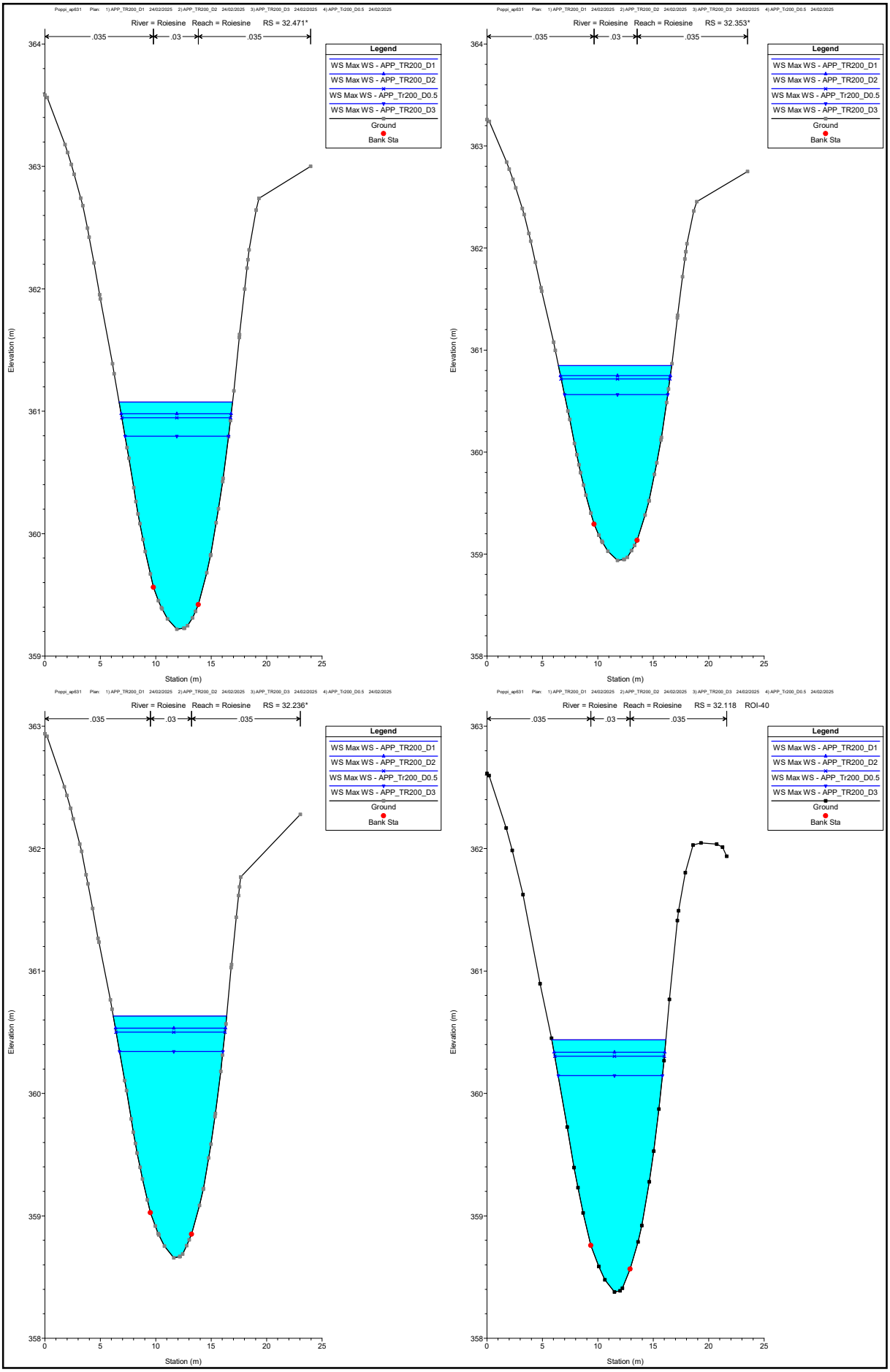

River = Roiesine Reach = Roiesine RS = 38 ROI-44
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
River = Roiesine Reach = Roiesine RS = 37.500*
River = Roiesine Reach = Roiesine RS = 37.000*
River = Roiesine Reach = Roiesine RS = 36.500*

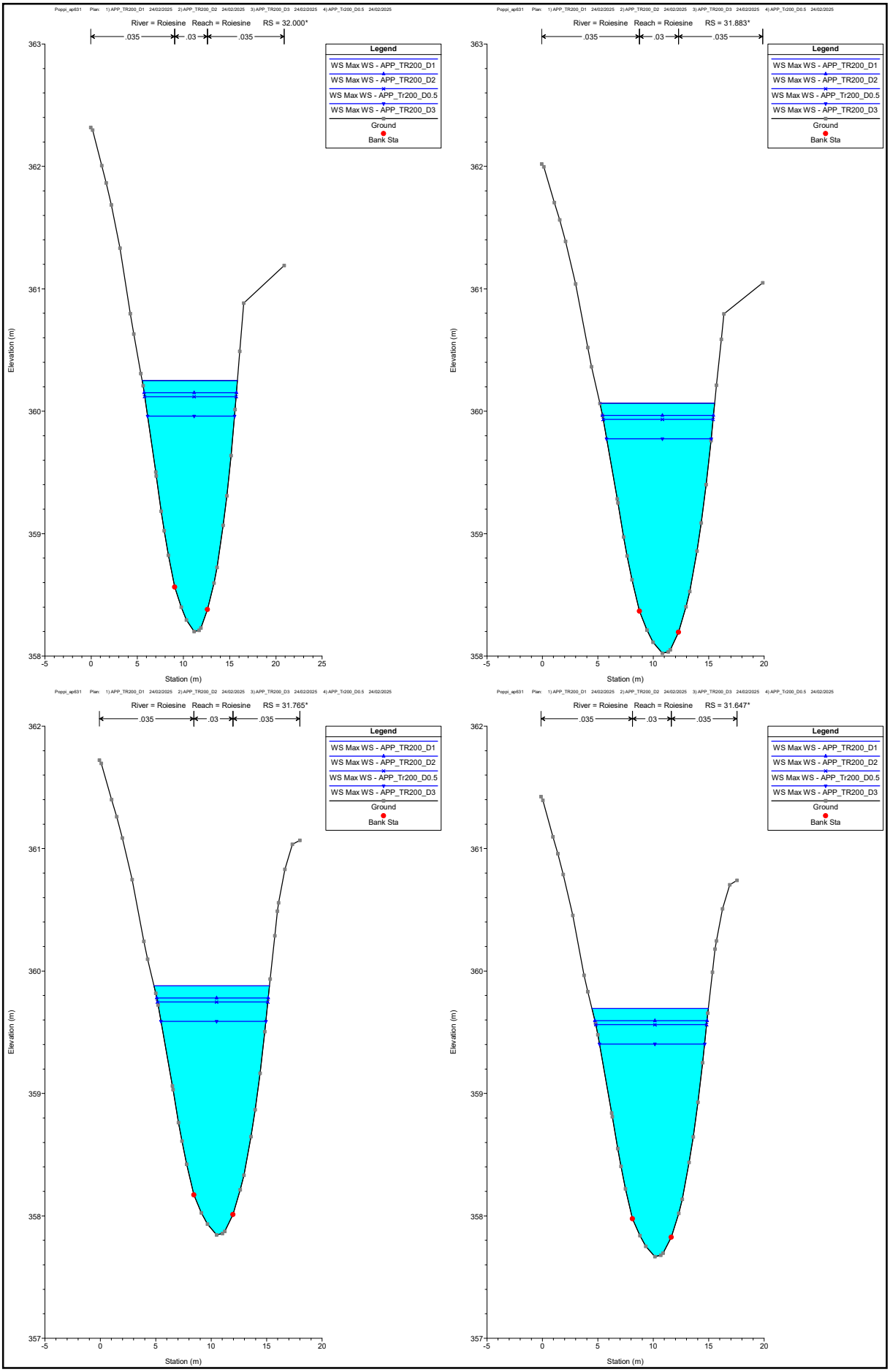

River = Roiesine Reach = Roiesine RS = 36 ROI-43
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
River = Roiesine Reach = Roiesine RS = 35 ROI-42
River = Roiesine Reach = Roiesine RS = 34.50 IS
River = Roiesine Reach = Roiesine RS = 34 ROI-41

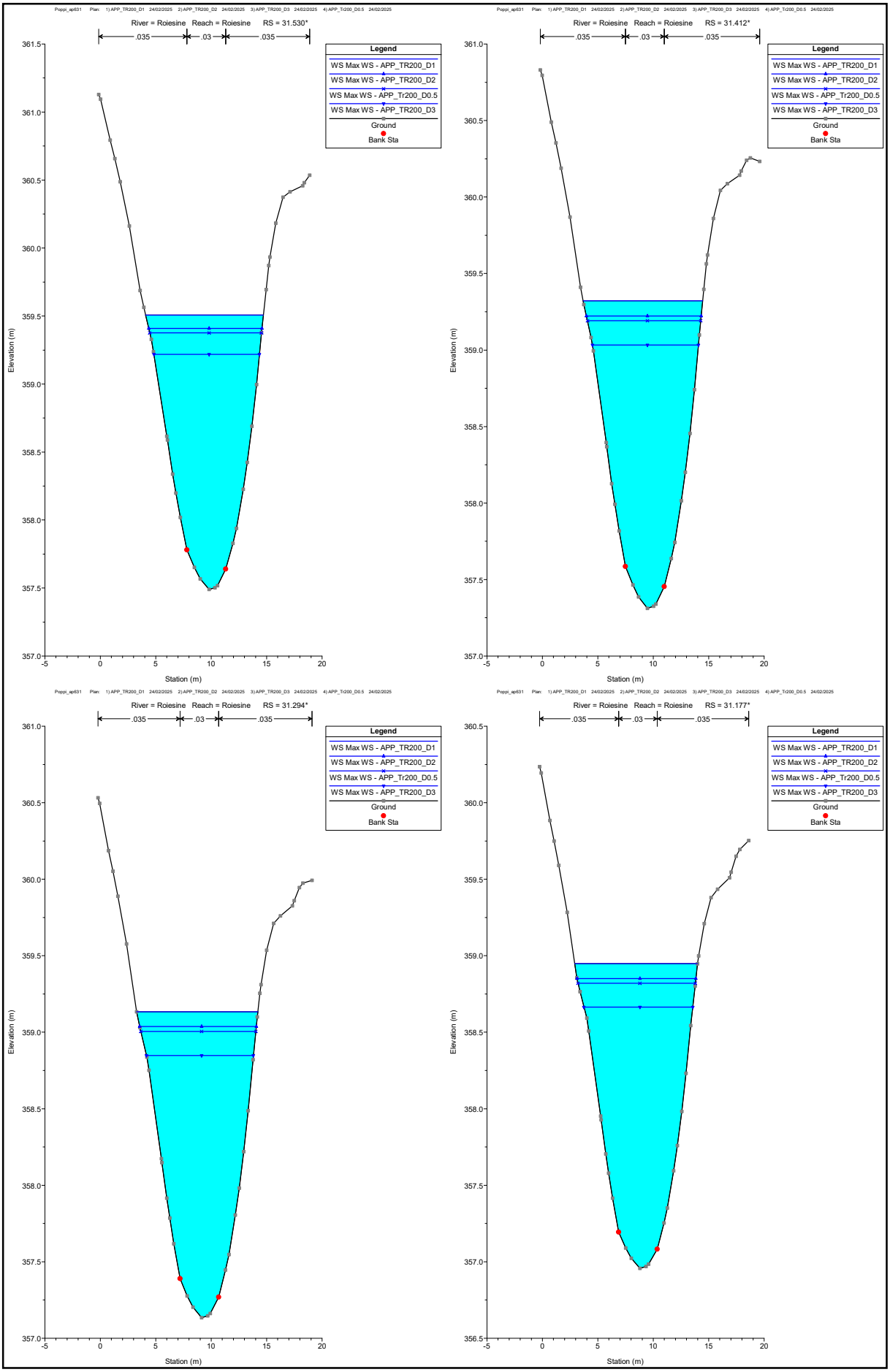

River = Roiesine Reach = Roiesine RS = 33.882*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
River = Roiesine Reach = Roiesine RS = 33.765*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
River = Roiesine Reach = Roiesine RS = 33.647*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
River = Roiesine Reach = Roiesine RS = 33.530*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)

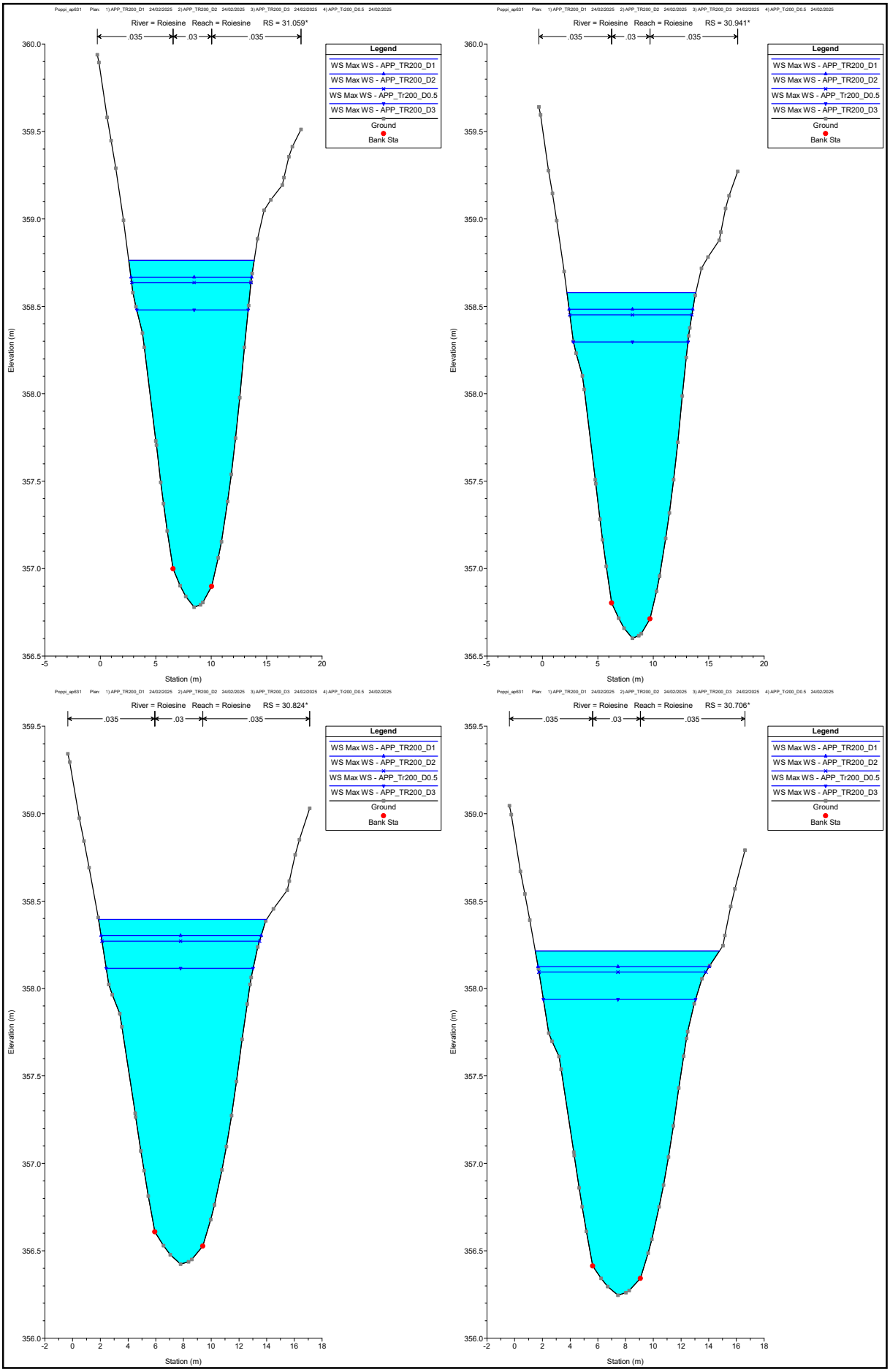

Poppi_ap831 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = Roiesine Reach = Roiesine RS = 33.412*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap831 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = Roiesine Reach = Roiesine RS = 33.294*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap831 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = Roiesine Reach = Roiesine RS = 33.177*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap831 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = Roiesine Reach = Roiesine RS = 33.059*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)

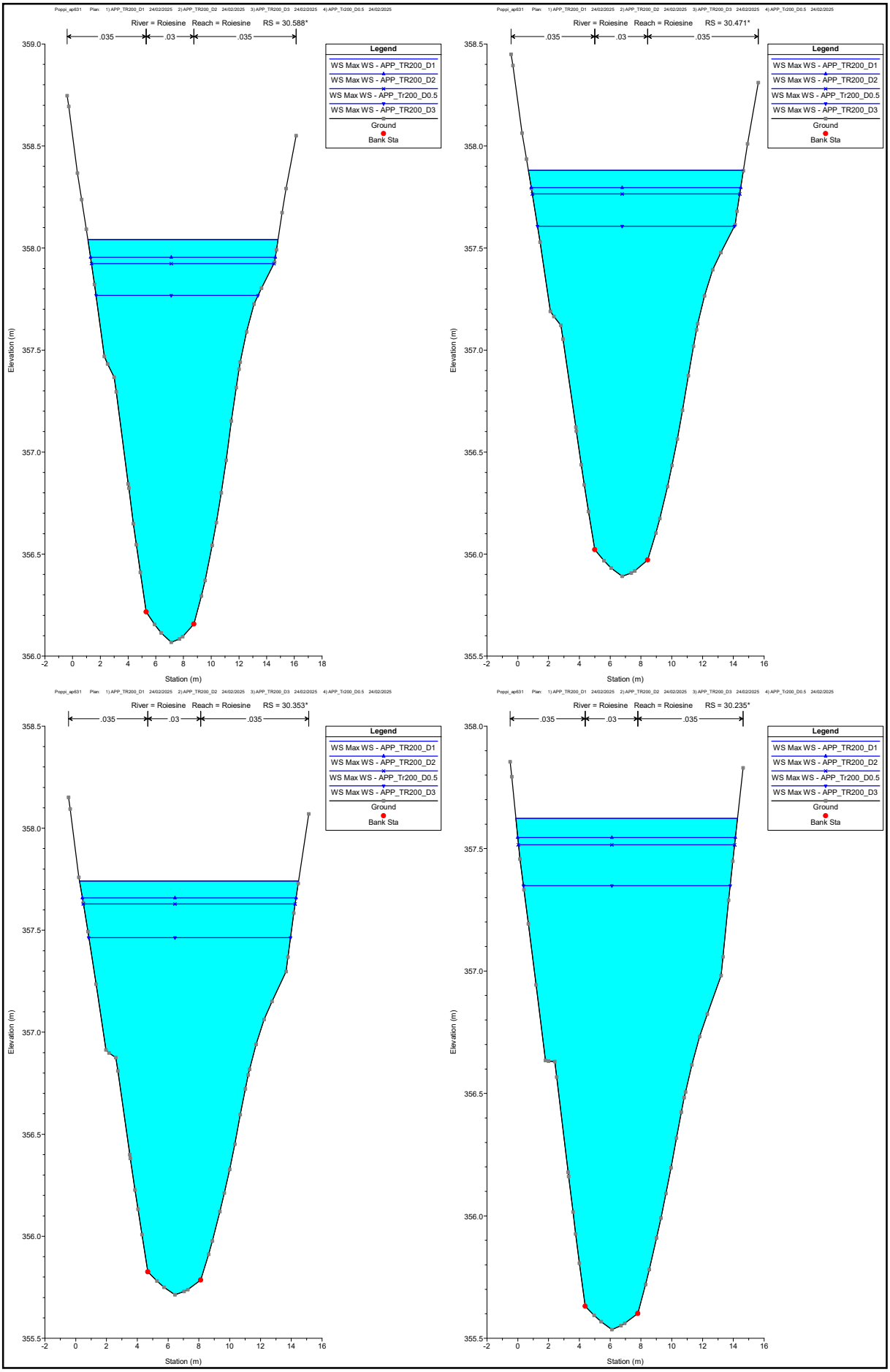

Poppi_ap631 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = Roiesine Reach = Roiesine RS = 32.941*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = Roiesine Reach = Roiesine RS = 32.824*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = Roiesine Reach = Roiesine RS = 32.706*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = Roiesine Reach = Roiesine RS = 32.589*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)

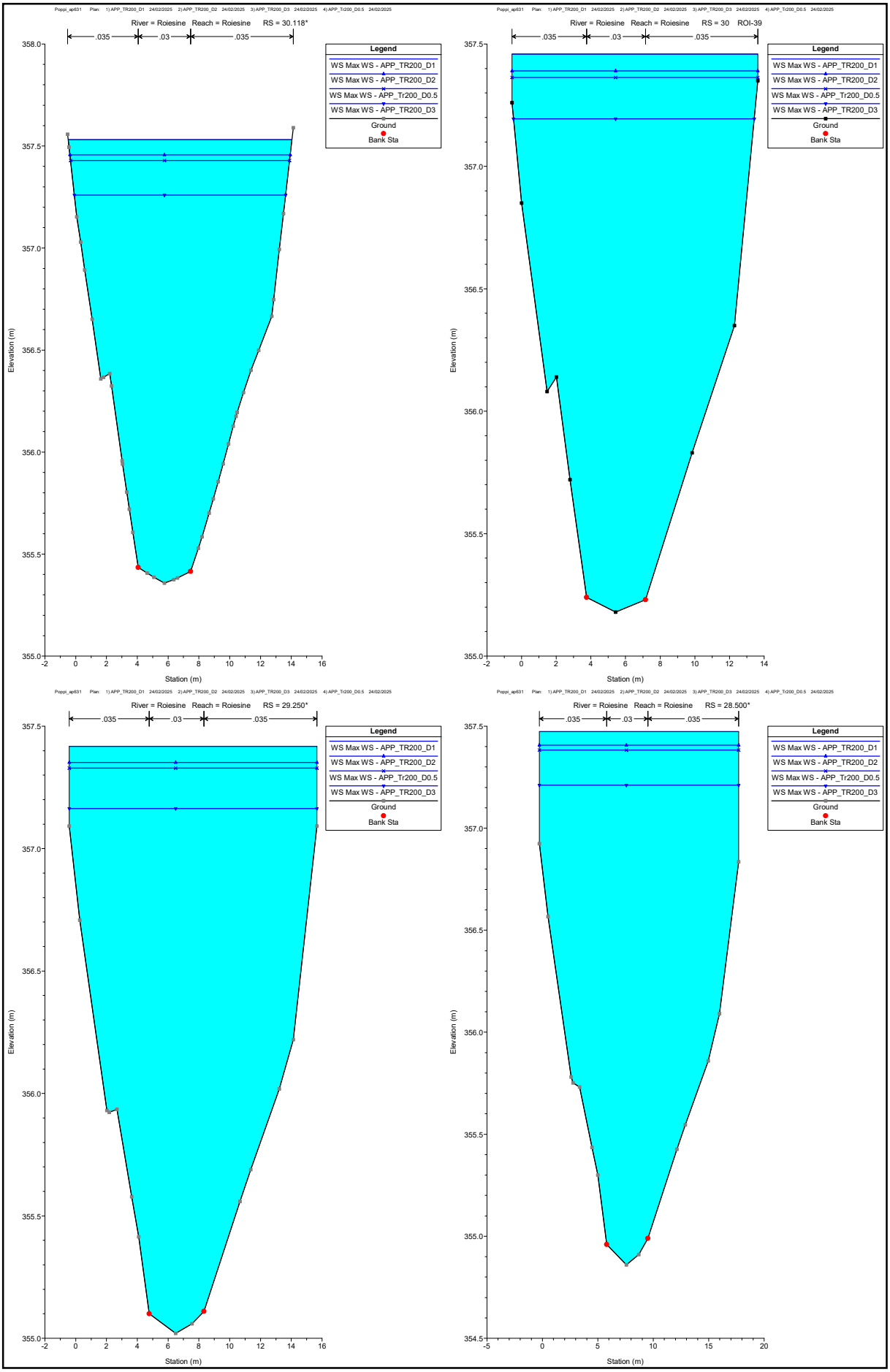

Poppi_ap631 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = Roiesine Reach = Roiesine RS = 32.471*
.035 .03 .035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = Roiesine Reach = Roiesine RS = 32.353*
.035 .03 .035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = Roiesine Reach = Roiesine RS = 32.236*
.035 .03 .035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = Roiesine Reach = Roiesine RS = 32.118 ROI-40
.035 .03 .035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)

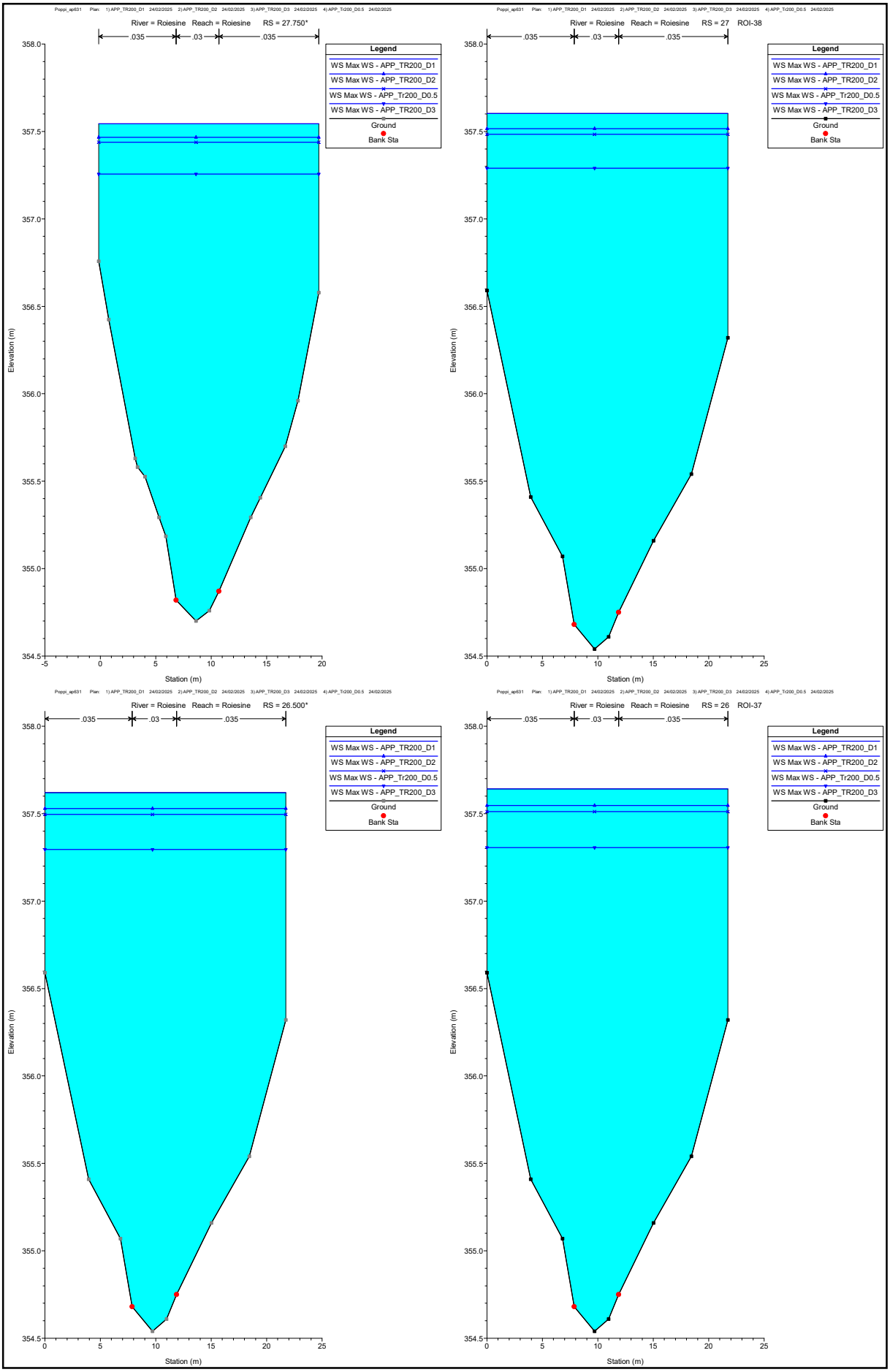

River = Roiesine Reach = Roiesine RS = 32.000*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
River = Roiesine Reach = Roiesine RS = 31.883*
River = Roiesine Reach = Roiesine RS = 31.765*
River = Roiesine Reach = Roiesine RS = 31.647*

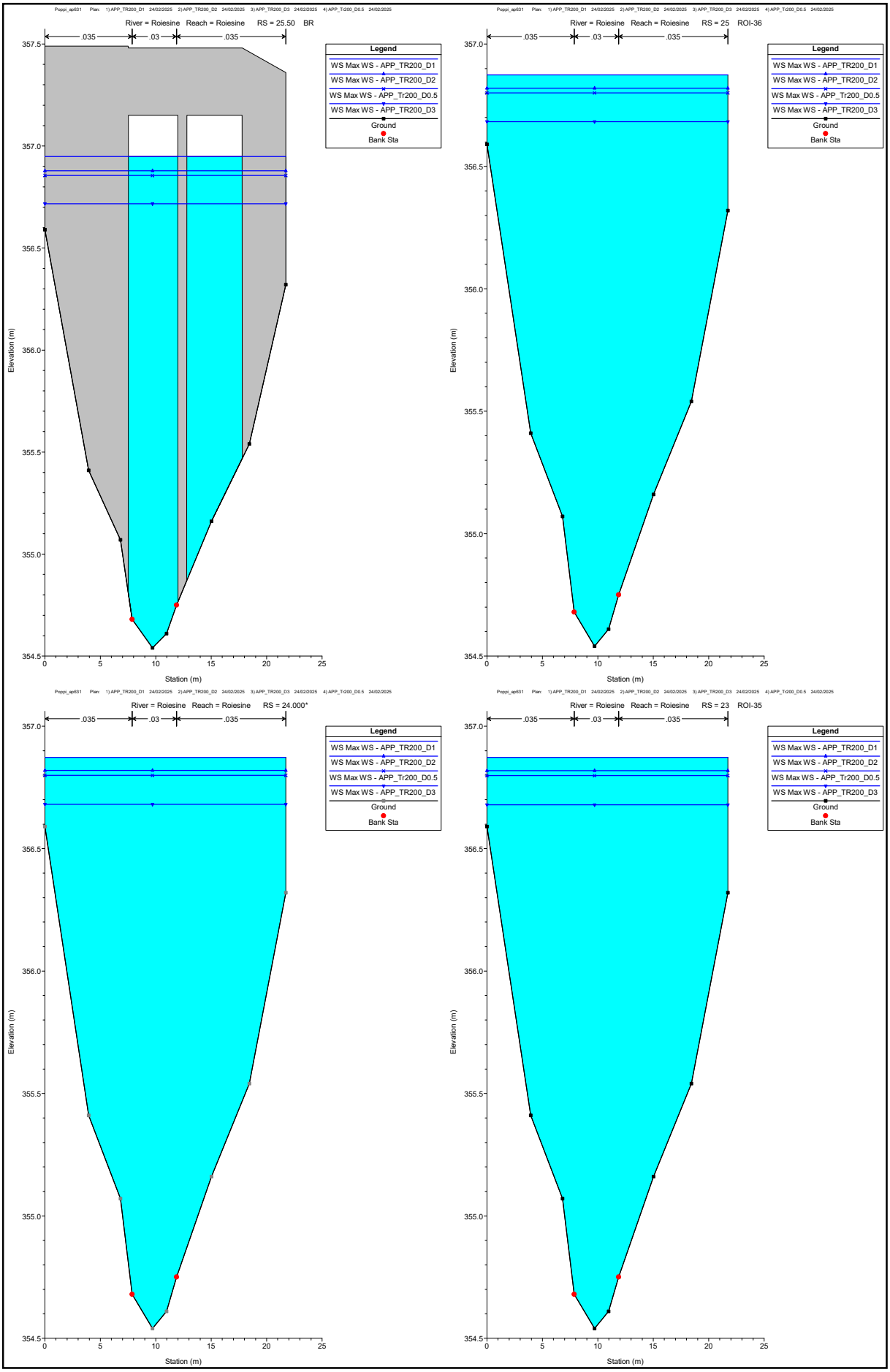

River = Roiesine Reach = Roiesine RS = 31.530*
.035 .03 .035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
River = Roiesine Reach = Roiesine RS = 31.412*
.035 .03 .035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
River = Roiesine Reach = Roiesine RS = 31.294*
.035 .03 .035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
River = Roiesine Reach = Roiesine RS = 31.177*
.035 .03 .035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)

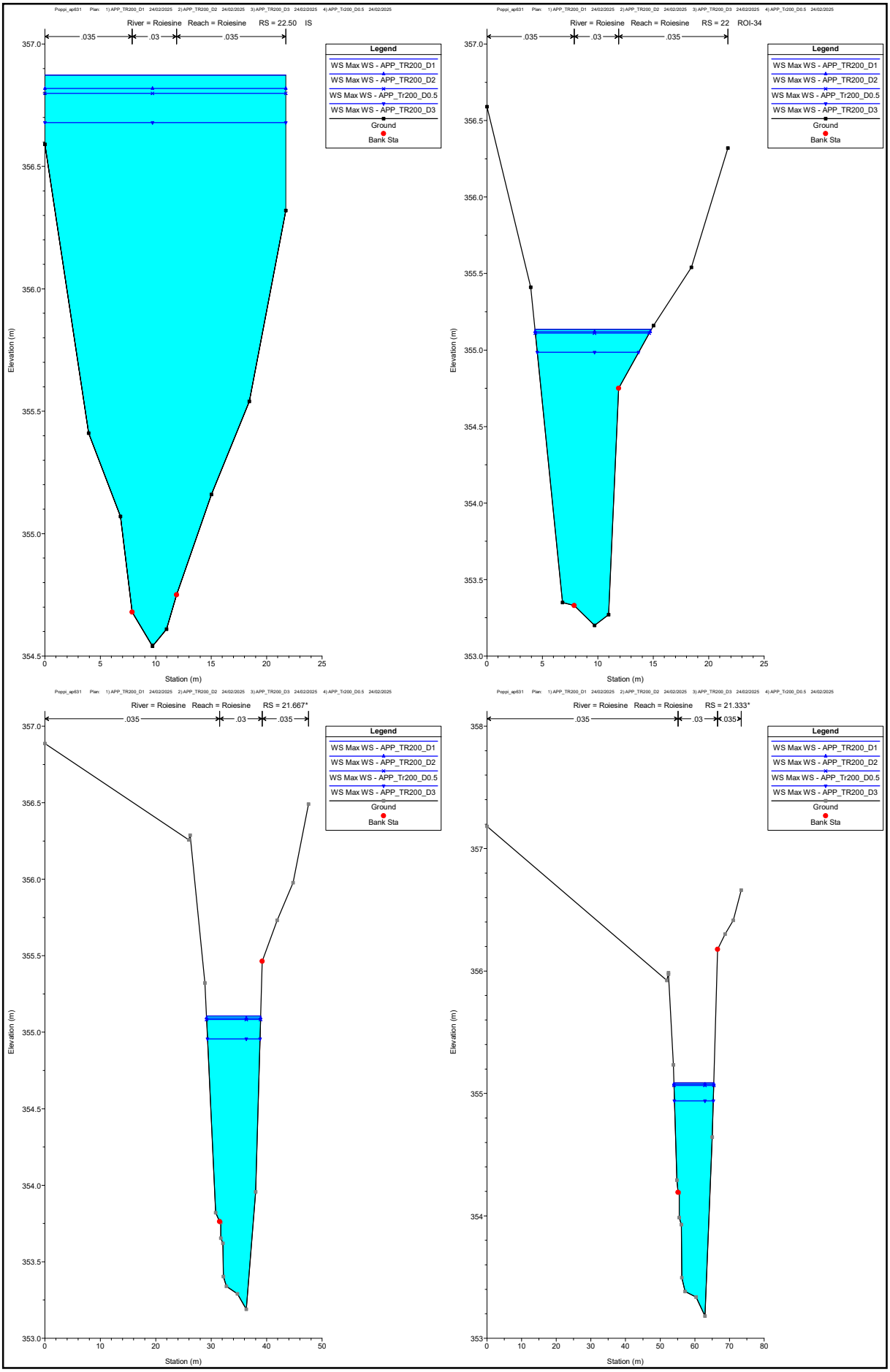

River = Roiesine Reach = Roiesine RS = 31.059*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
River = Roiesine Reach = Roiesine RS = 30.941*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
River = Roiesine Reach = Roiesine RS = 30.824*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
River = Roiesine Reach = Roiesine RS = 30.706*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)

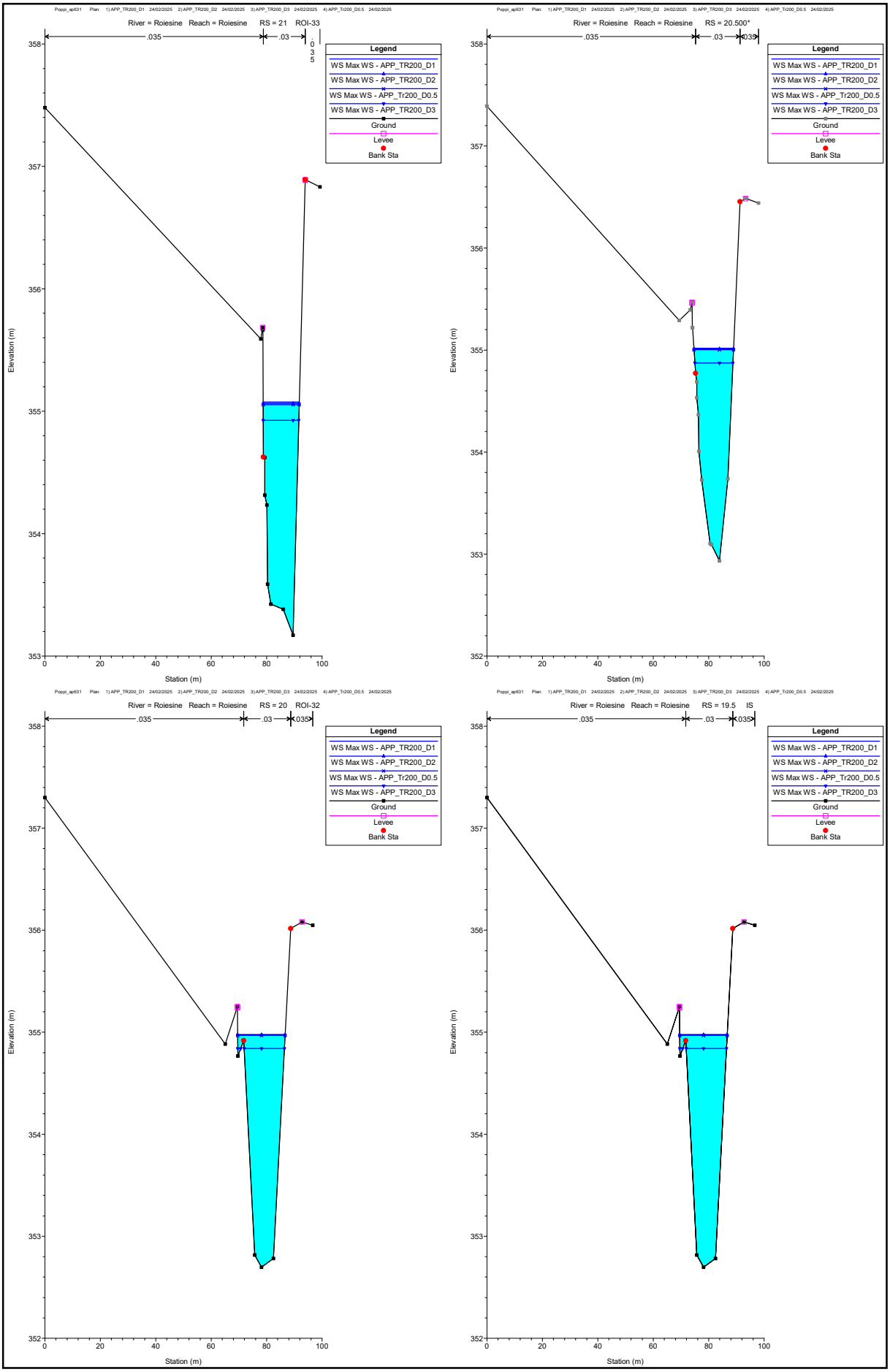

River = Roiesine Reach = Roiesine RS = 30.588*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
River = Roiesine Reach = Roiesine RS = 30.471*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
River = Roiesine Reach = Roiesine RS = 30.353*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
River = Roiesine Reach = Roiesine RS = 30.235*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)

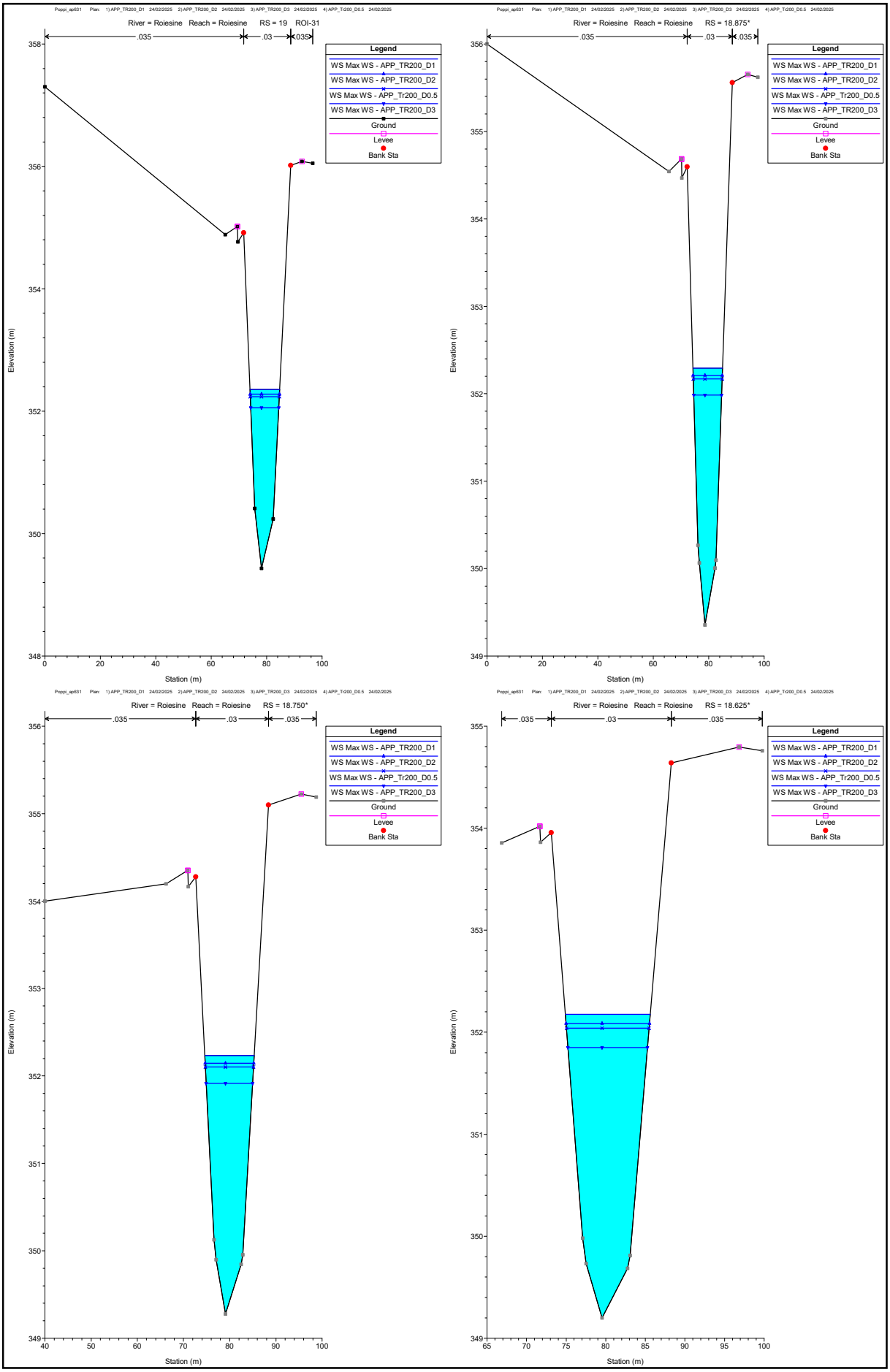

River = Roiesine Reach = Roiesine RS = 30.118*
.035 .03 .035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
River = Roiesine Reach = Roiesine RS = 30 ROI-39
.035 .03 .035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
River = Roiesine Reach = Roiesine RS = 29.250*
.035 .03 .035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
River = Roiesine Reach = Roiesine RS = 28.500*
.035 .03 .035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)

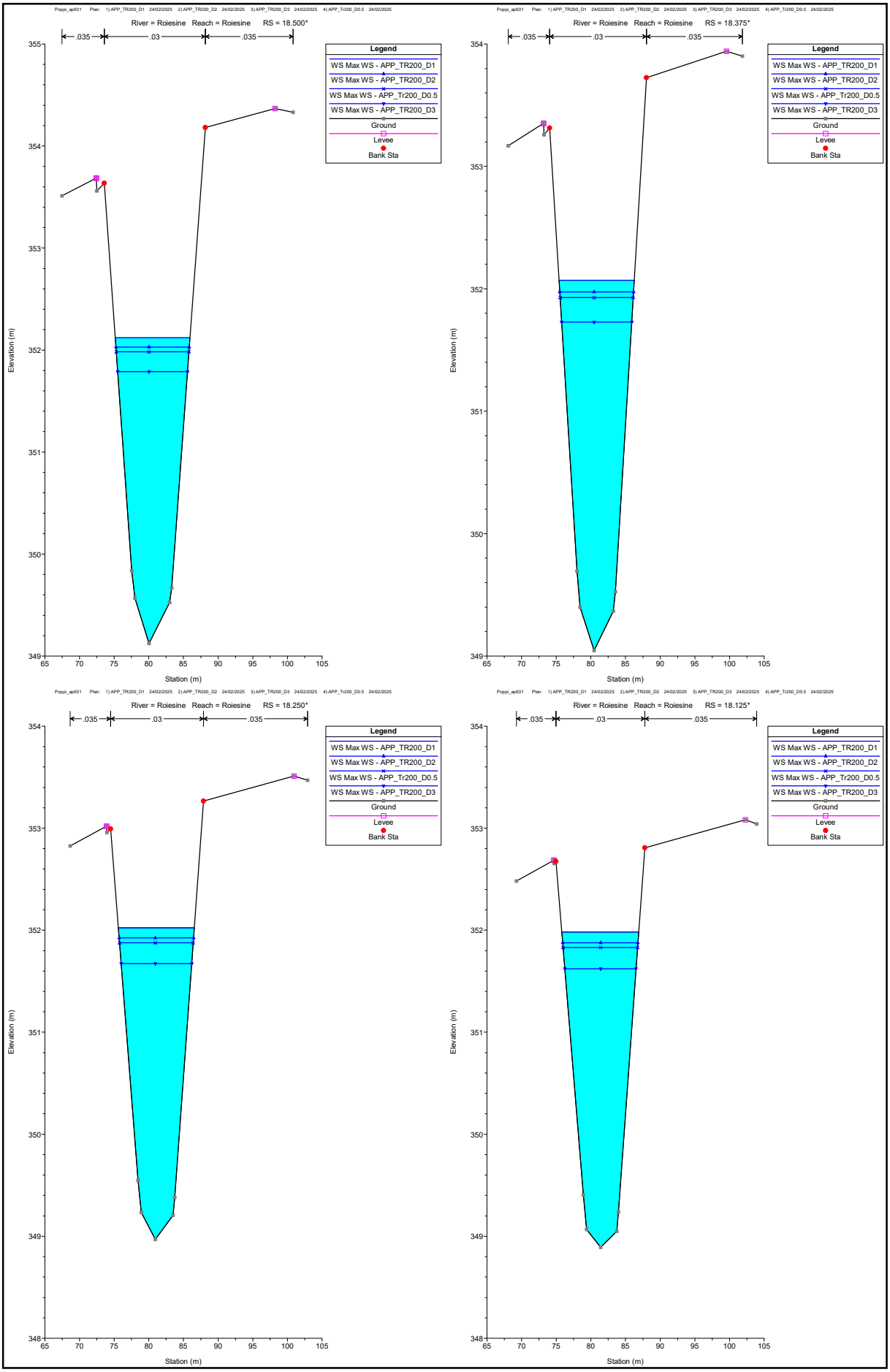

River = Roiesine Reach = Roiesine RS = 27.750*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
River = Roiesine Reach = Roiesine RS = 27 ROI-38
River = Roiesine Reach = Roiesine RS = 26.500*
River = Roiesine Reach = Roiesine RS = 26 ROI-37

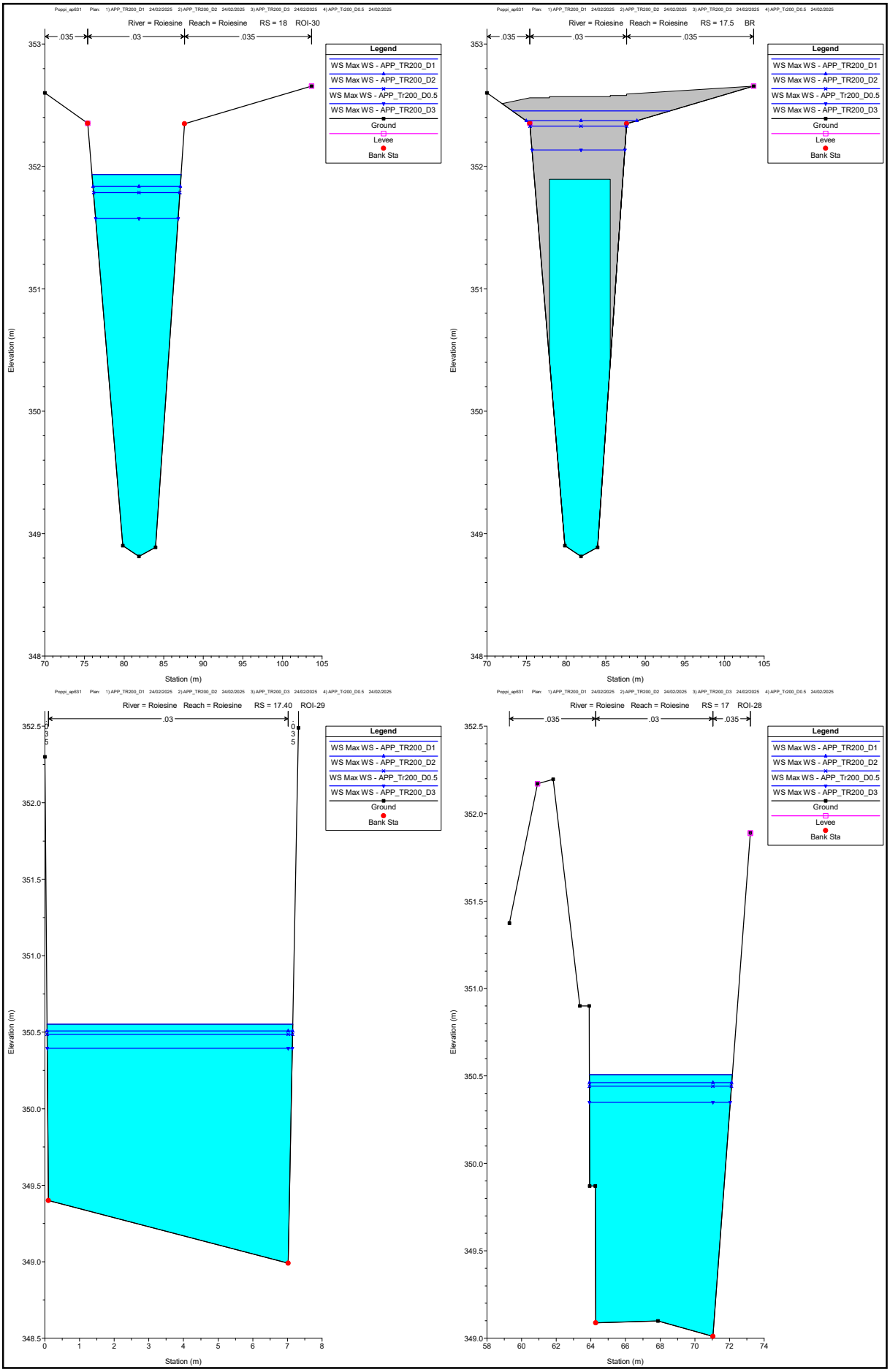

River = Roiesine Reach = Roiesine RS = 25.50 BR
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
River = Roiesine Reach = Roiesine RS = 25 ROI-36
River = Roiesine Reach = Roiesine RS = 24.000*
River = Roiesine Reach = Roiesine RS = 23 ROI-35

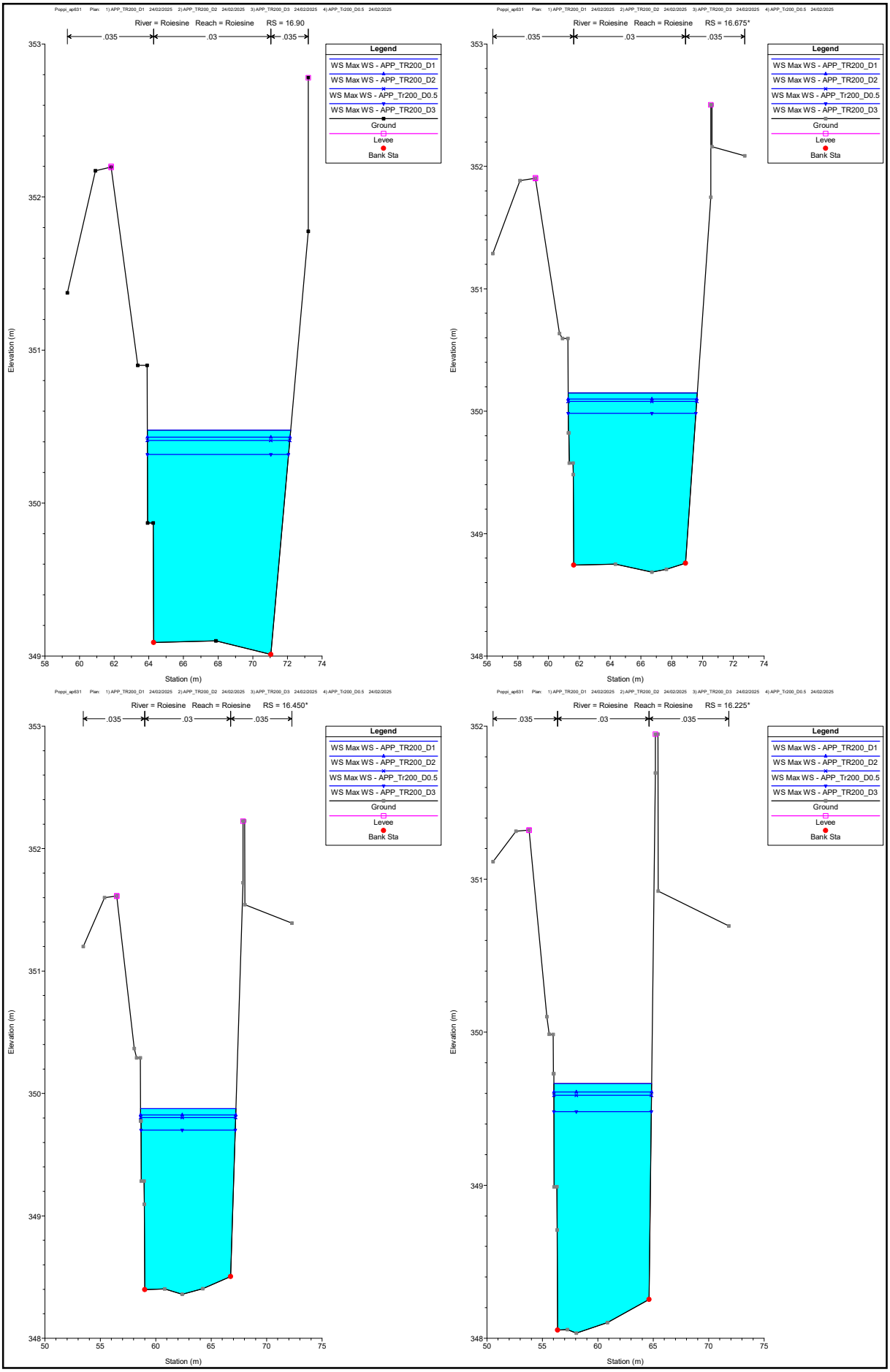

River = Roiesine Reach = Roiesine RS = 22.50 IS
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
River = Roiesine Reach = Roiesine RS = 22 ROI-34
River = Roiesine Reach = Roiesine RS = 21.667*
River = Roiesine Reach = Roiesine RS = 21.333*

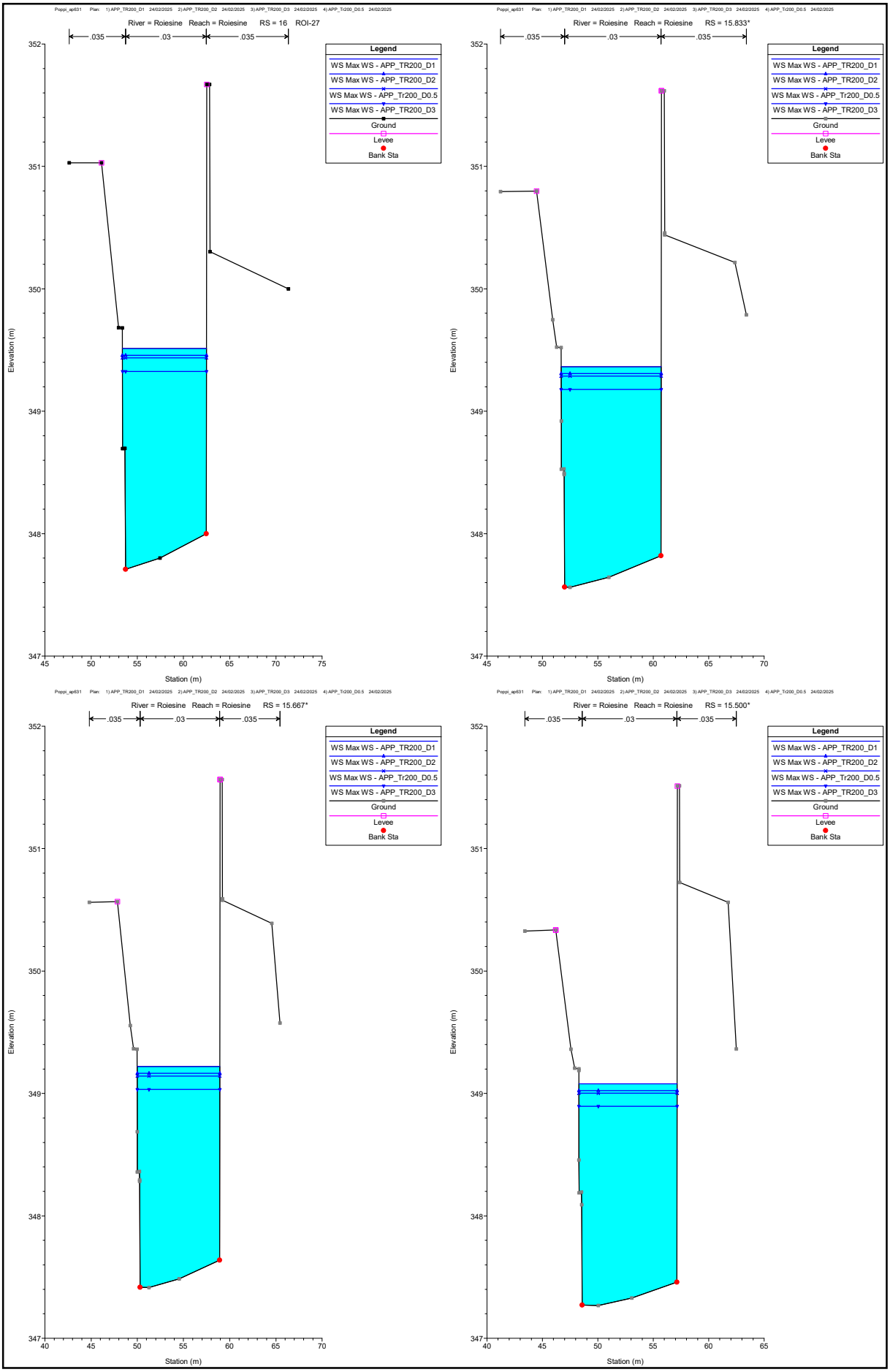

River = Roiesine Reach = Roiesine RS = 21 ROI-33
.035
.03
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
River = Roiesine Reach = Roiesine RS = 20.500*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
River = Roiesine Reach = Roiesine RS = 20 ROI-32
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
River = Roiesine Reach = Roiesine RS = 19.5 IS
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)

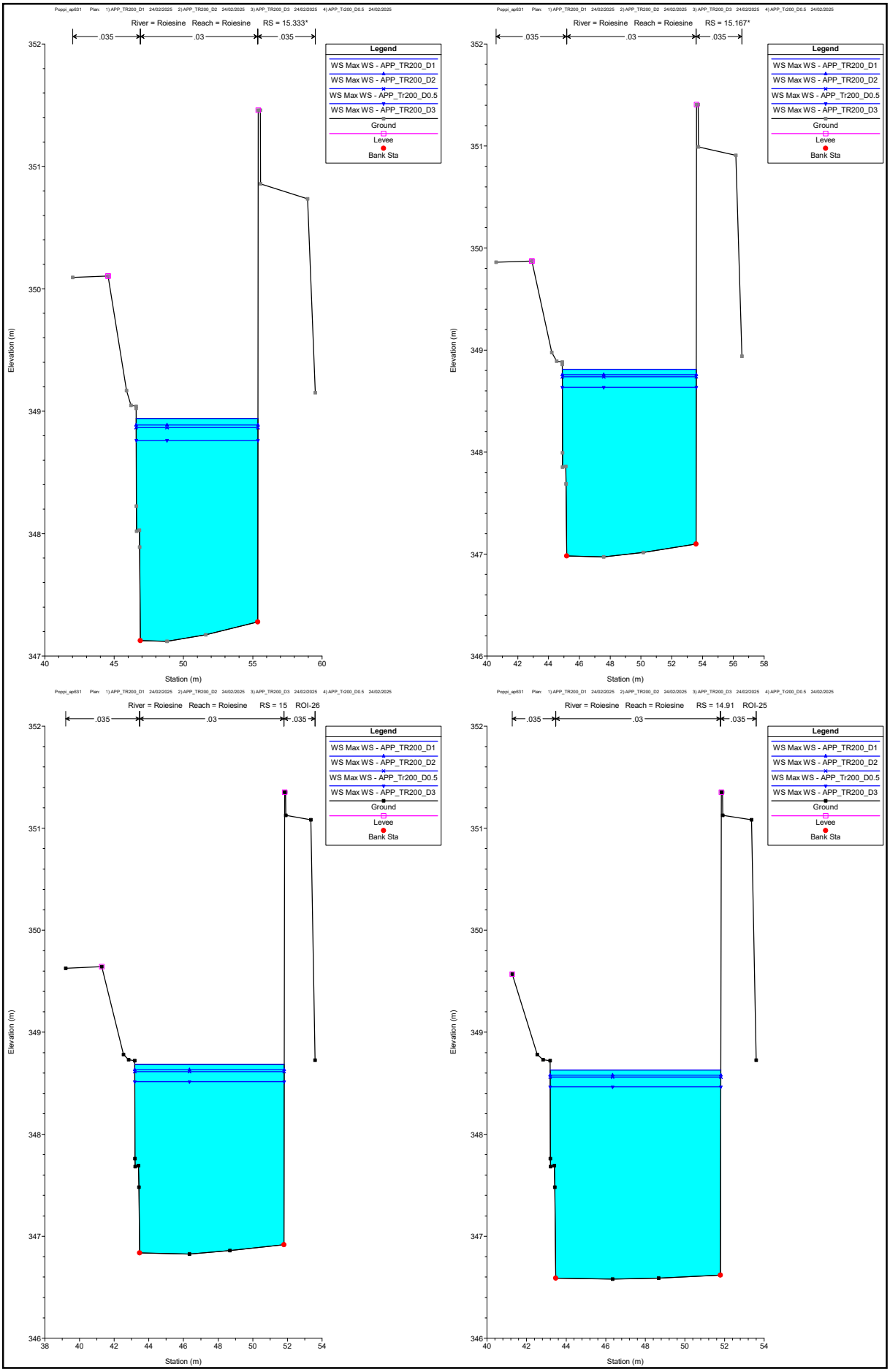

River = Roiesine Reach = Roiesine RS = 19 ROI-31
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
River = Roiesine Reach = Roiesine RS = 18.875*
River = Roiesine Reach = Roiesine RS = 18.750*
River = Roiesine Reach = Roiesine RS = 18.625*

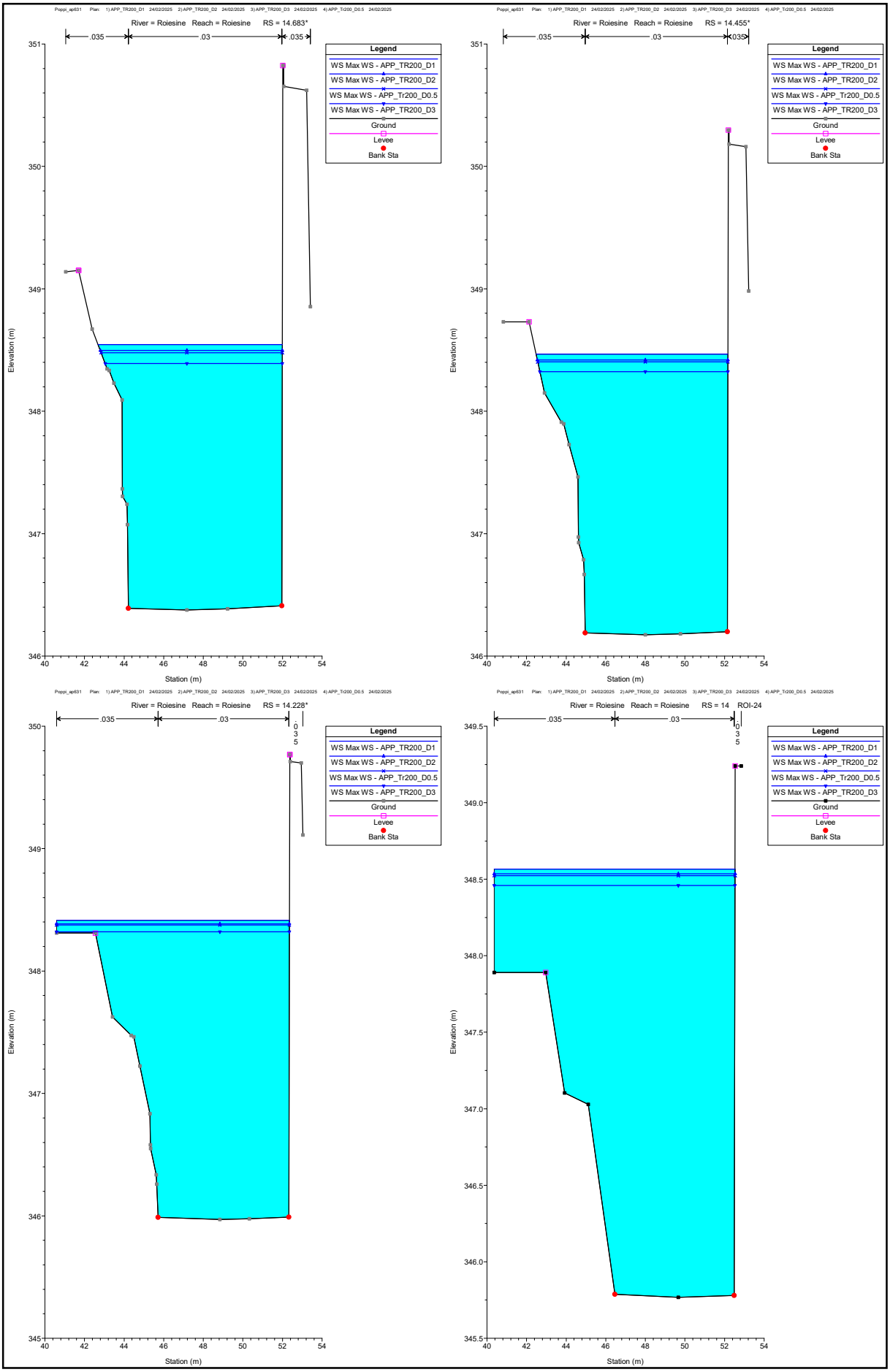

River = Roiesine Reach = Roiesine RS = 18.500*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
River = Roiesine Reach = Roiesine RS = 18.375*
River = Roiesine Reach = Roiesine RS = 18.250*
River = Roiesine Reach = Roiesine RS = 18.125*

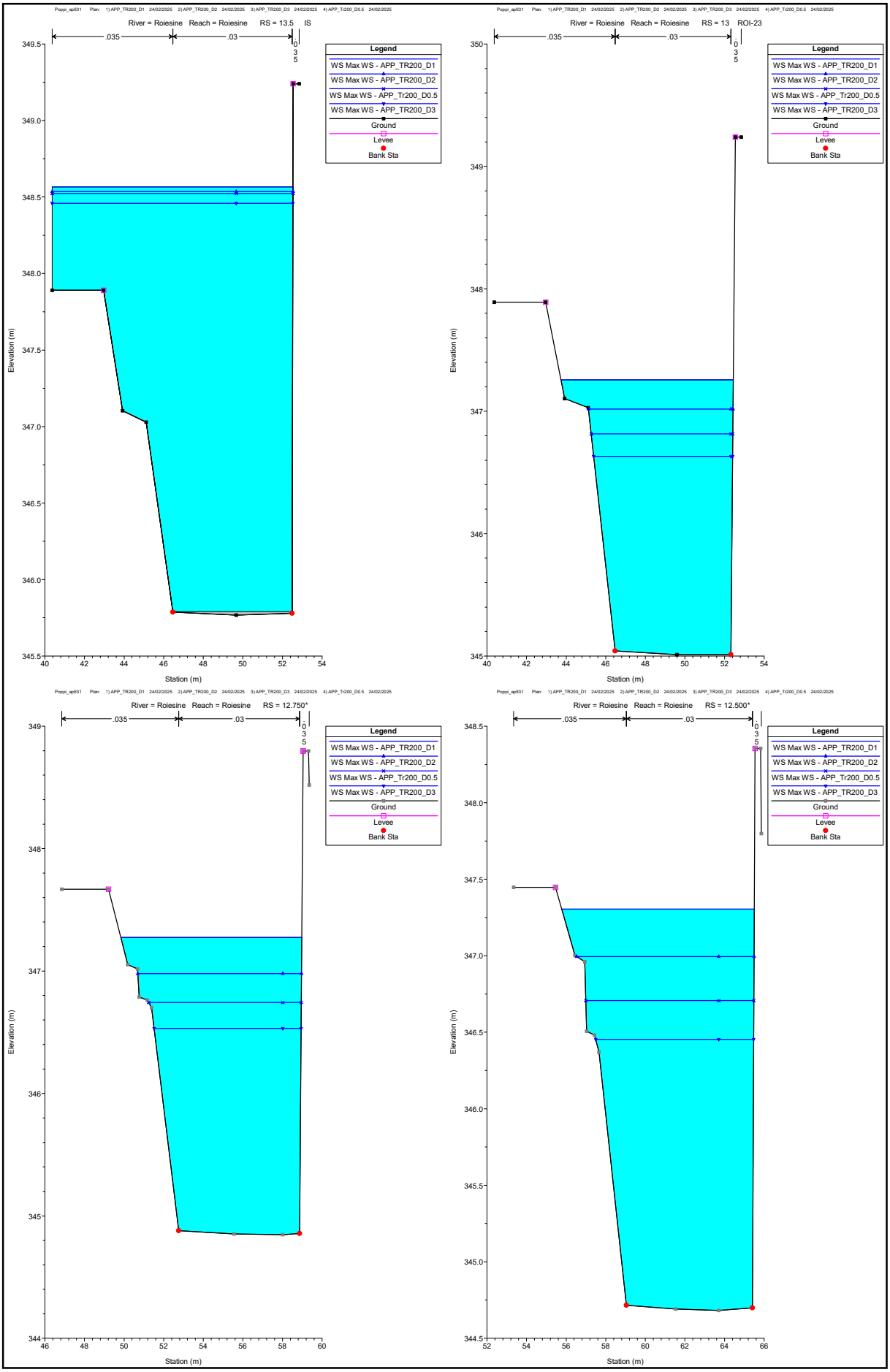

River = Roiesine Reach = Roiesine RS = 18 ROI-30
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
River = Roiesine Reach = Roiesine RS = 17.5 BR
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D0.5
WS Max WS - APP_TR200_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
River = Roiesine Reach = Roiesine RS = 17.40 ROI-29
.03
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
River = Roiesine Reach = Roiesine RS = 17 ROI-28
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)

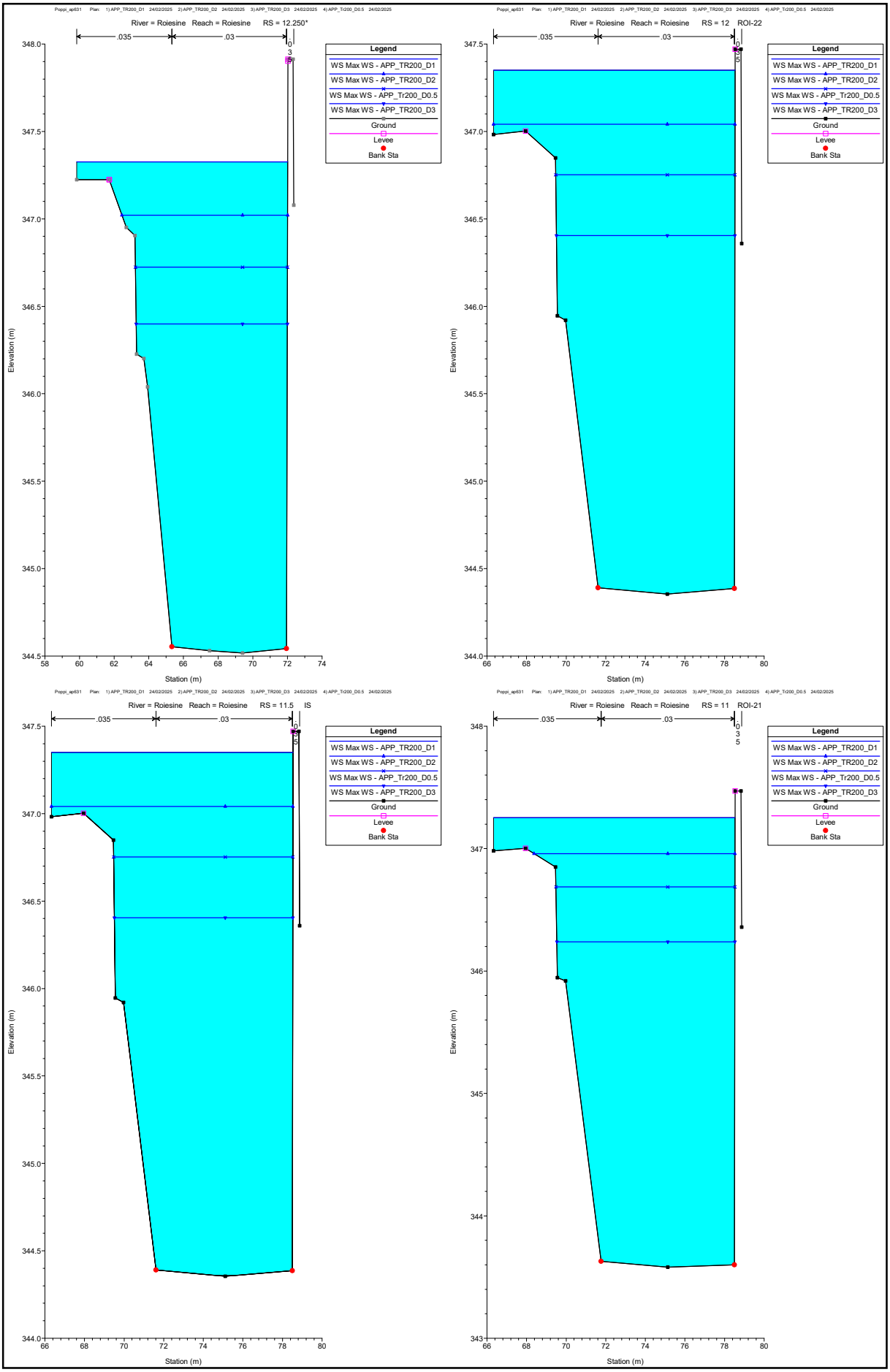

River = Roiesine Reach = Roiesine RS = 16.90
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
River = Roiesine Reach = Roiesine RS = 16.675*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
River = Roiesine Reach = Roiesine RS = 16.450*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
River = Roiesine Reach = Roiesine RS = 16.225*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)

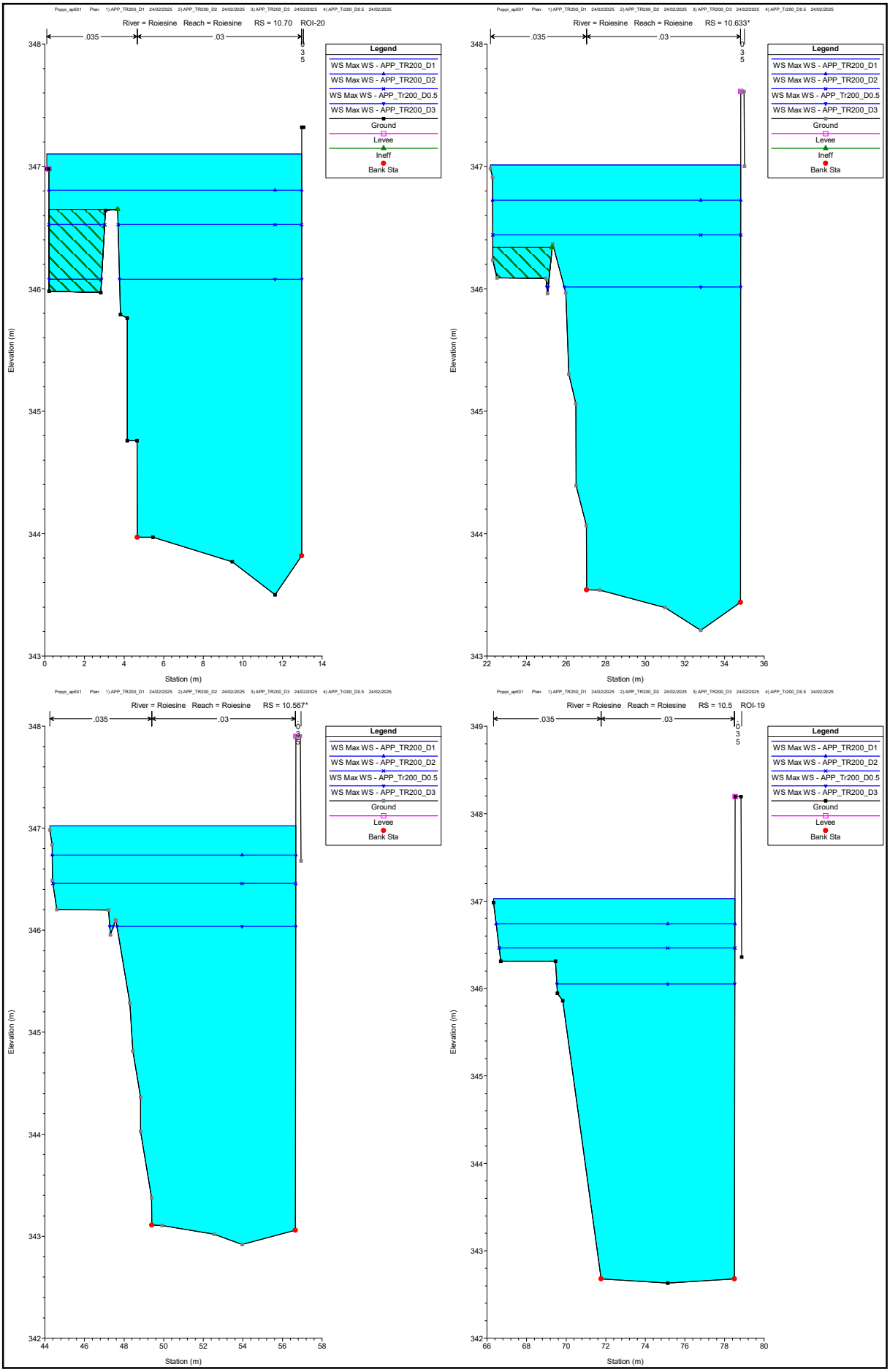

River = Roiesine Reach = Roiesine RS = 16 ROI-27
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
River = Roiesine Reach = Roiesine RS = 15.833*
WS Max WS - APP_Tr200_D0.5
River = Roiesine Reach = Roiesine RS = 15.667*
River = Roiesine Reach = Roiesine RS = 15.500*

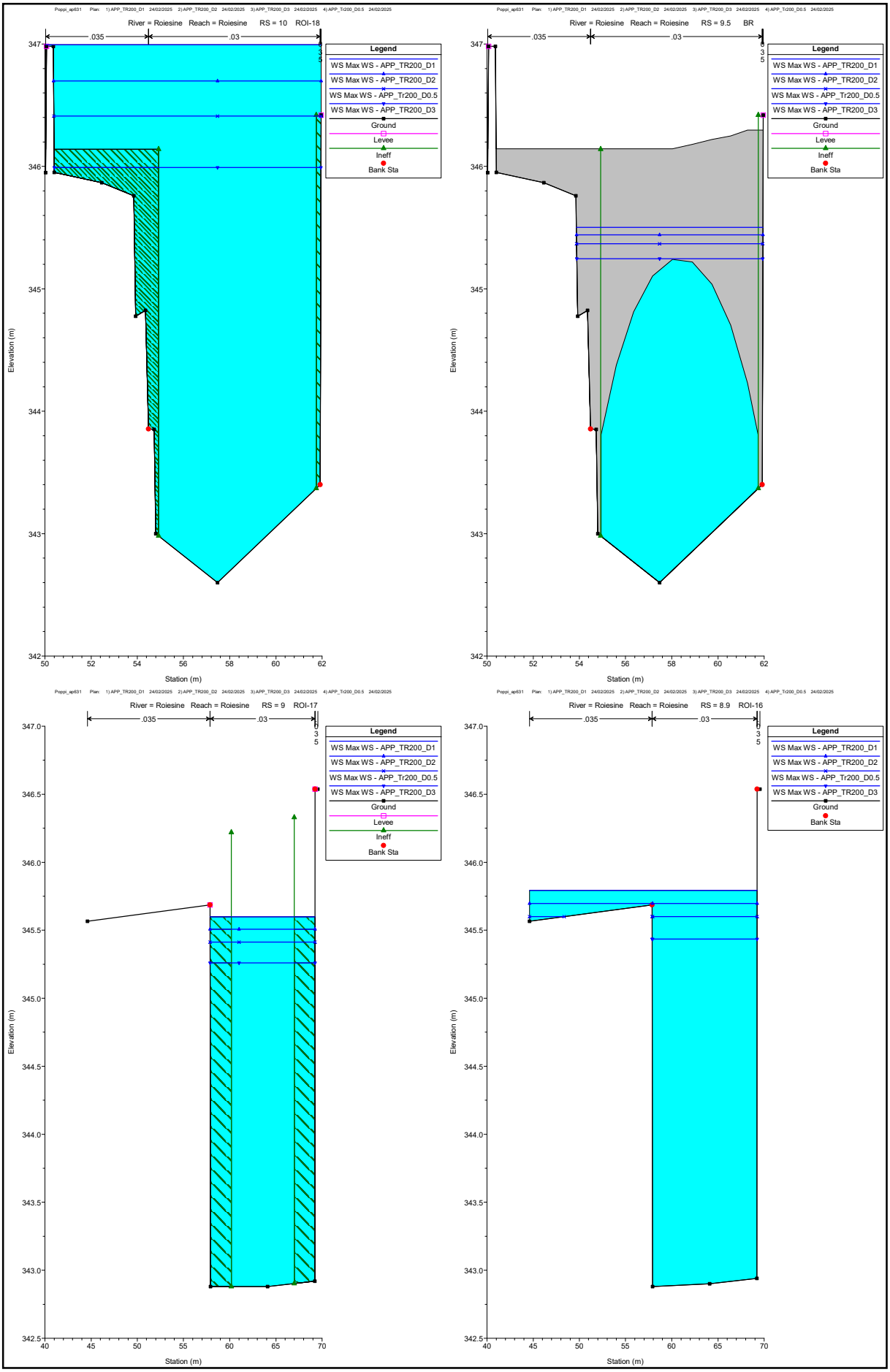

River = Roiesine Reach = Roiesine RS = 15.333*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
River = Roiesine Reach = Roiesine RS = 15.167*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
River = Roiesine Reach = Roiesine RS = 15 ROI-26
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
River = Roiesine Reach = Roiesine RS = 14.91 ROI-25
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)

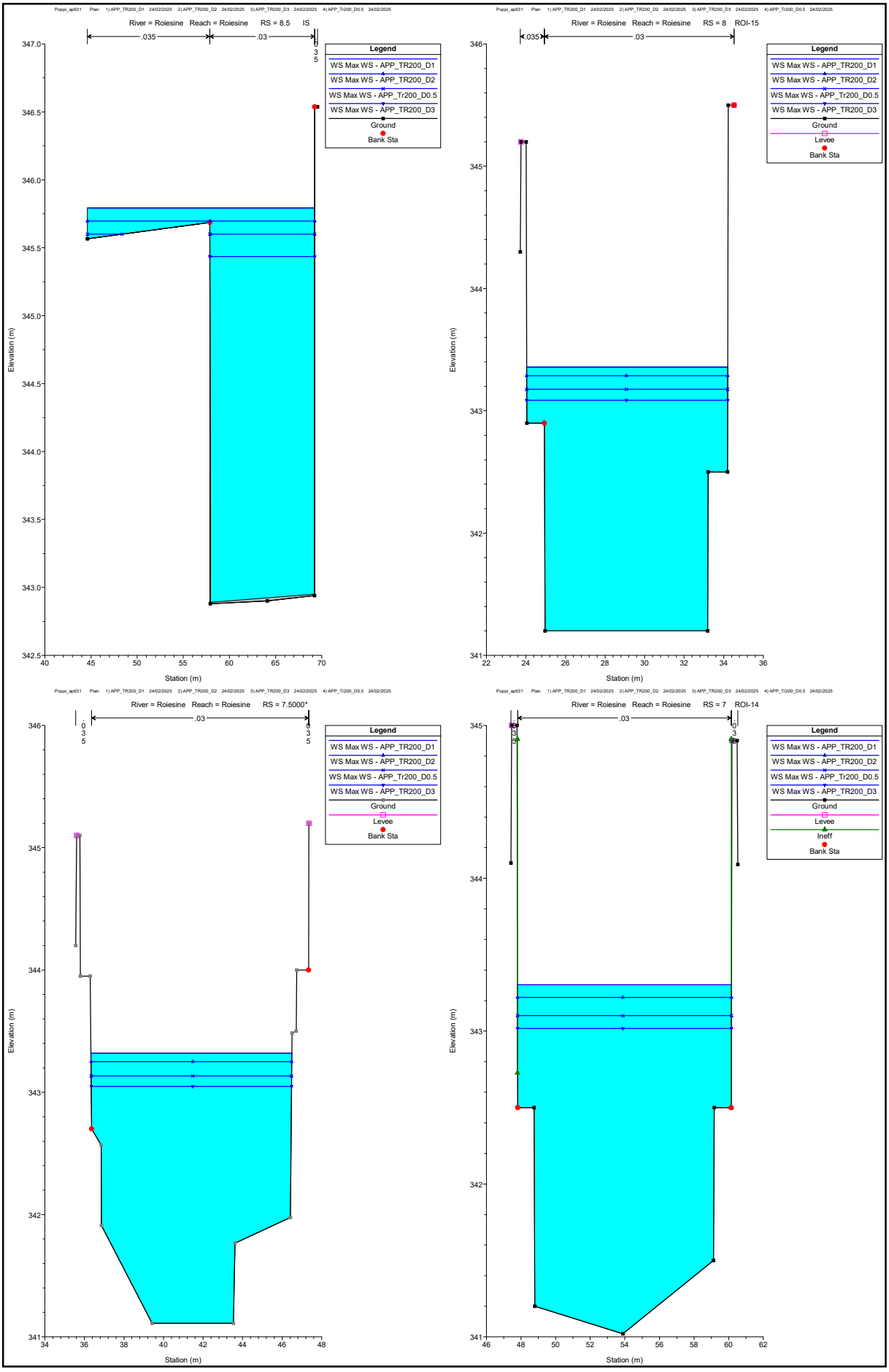

River = Roiesine Reach = Roiesine RS = 14.683*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
River = Roiesine Reach = Roiesine RS = 14.455*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D0.5
WS Max WS - APP_TR200_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
River = Roiesine Reach = Roiesine RS = 14.228*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
River = Roiesine Reach = Roiesine RS = 14 ROI-24
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)

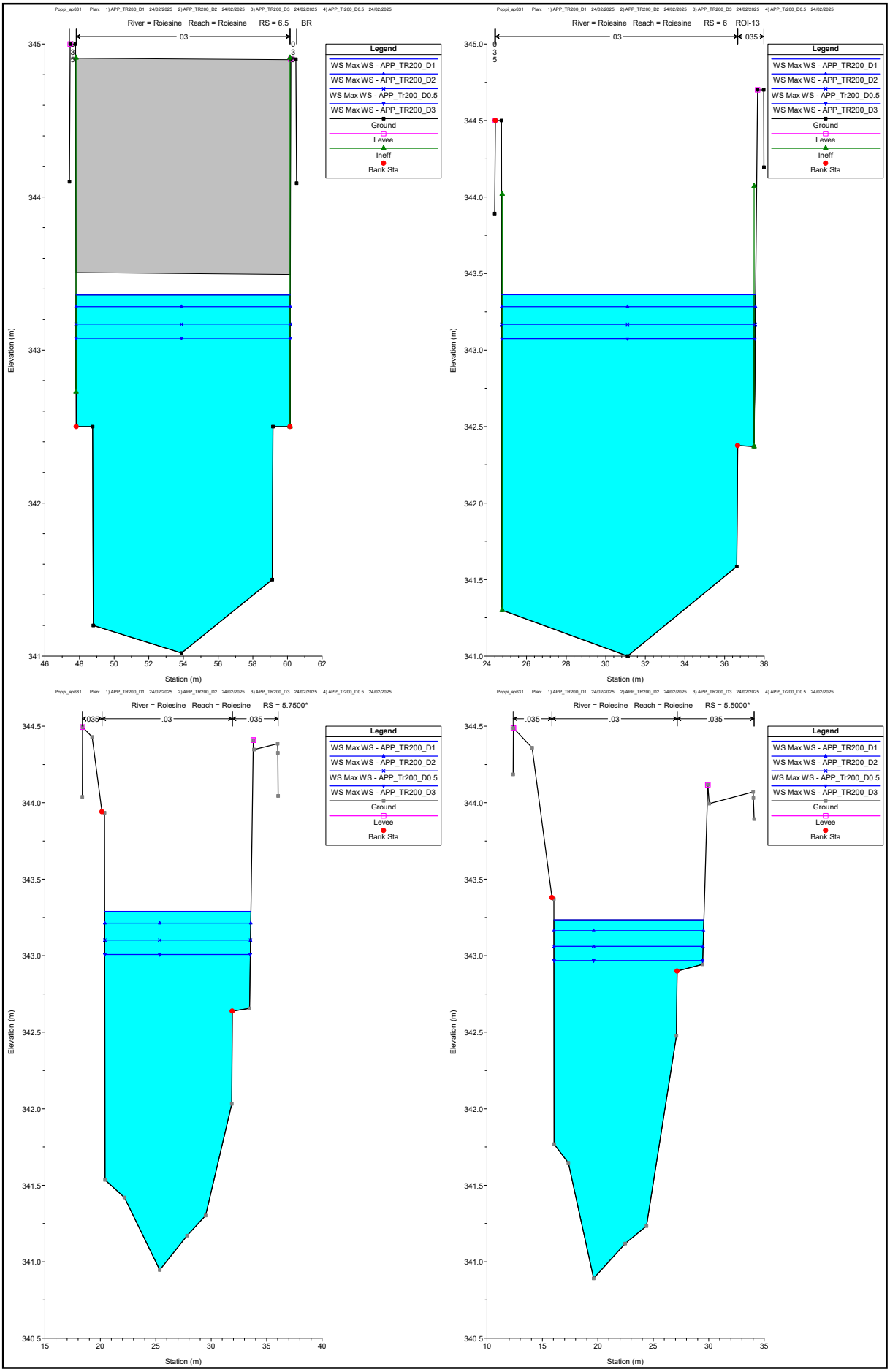

River = Roiesine Reach = Roiesine RS = 13.5 IS
.035
.03
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
River = Roiesine Reach = Roiesine RS = 13 ROI-23
River = Roiesine Reach = Roiesine RS = 12.750*
River = Roiesine Reach = Roiesine RS = 12.500*

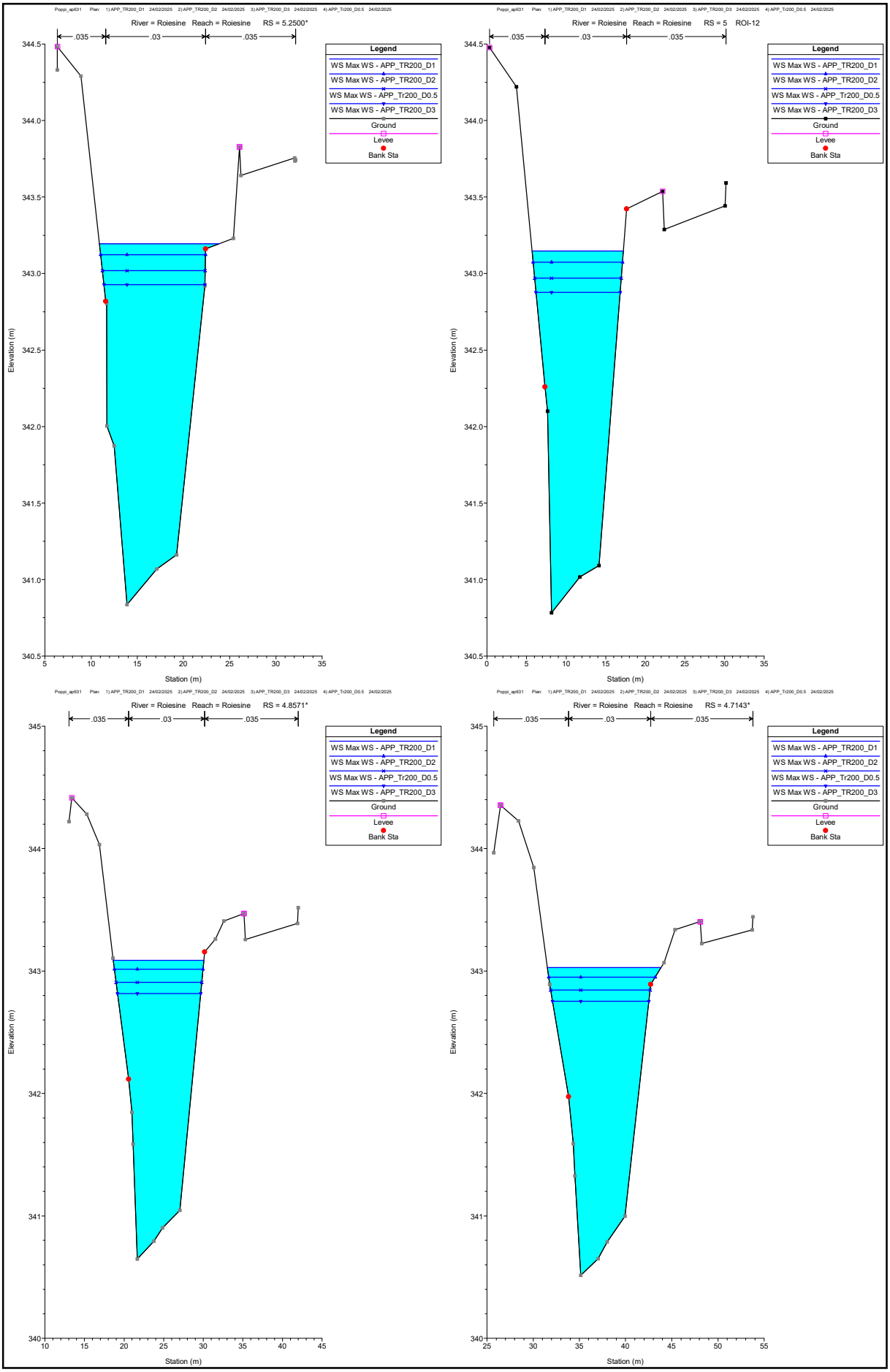

River = Roiesine Reach = Roiesine RS = 12.250*
.035
.03
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
River = Roiesine Reach = Roiesine RS = 12 ROI-22
River = Roiesine Reach = Roiesine RS = 11.5 IS
River = Roiesine Reach = Roiesine RS = 11 ROI-21

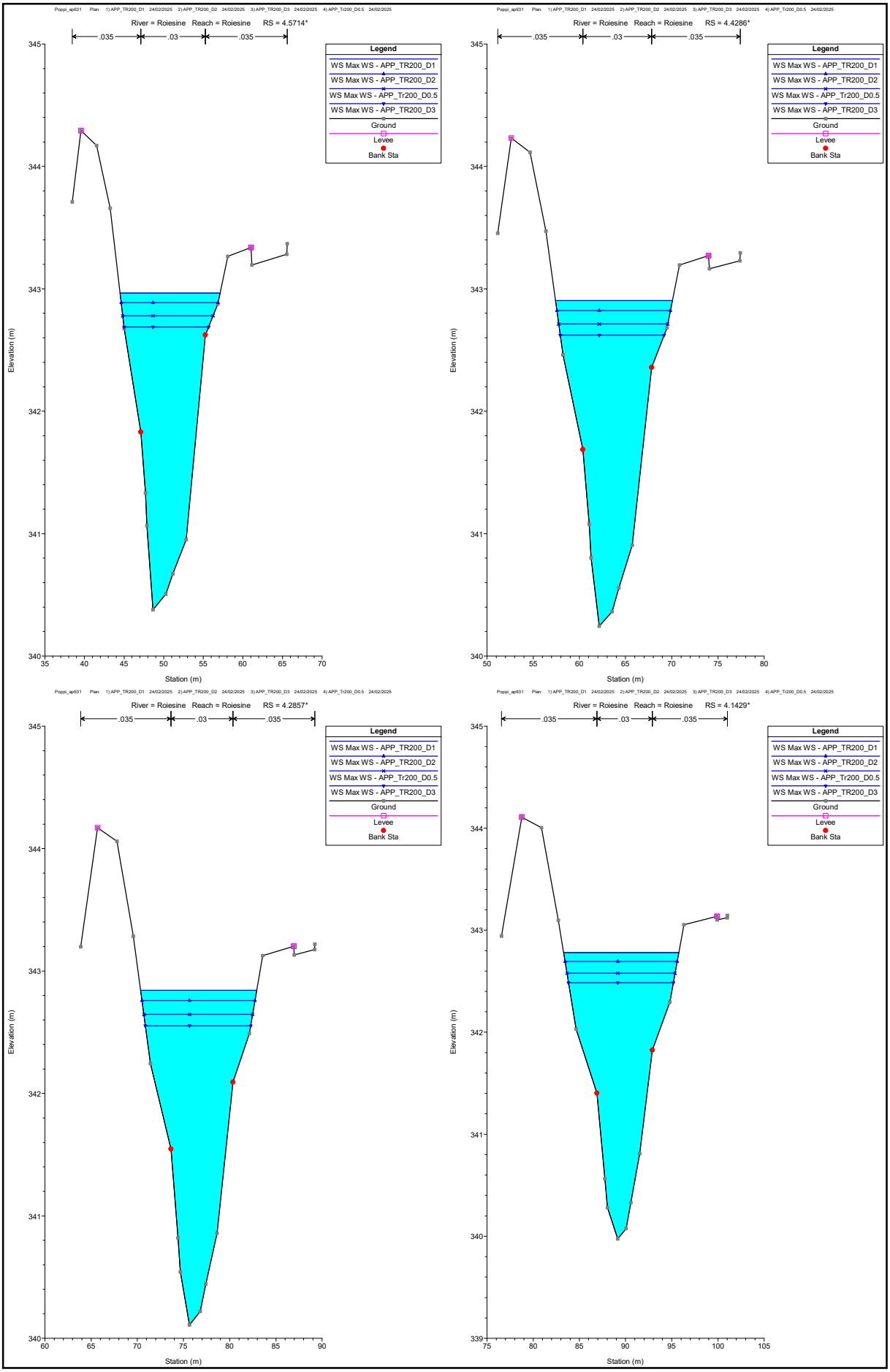

River = Roiesine Reach = Roiesine RS = 10.70 ROI-20
River = Roiesine Reach = Roiesine RS = 10.633*
River = Roiesine Reach = Roiesine RS = 10.567*
River = Roiesine Reach = Roiesine RS = 10.5 ROI-19
.035
.03
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Levee
Ineff
Bank Sta
Elevation (m)
Station (m)

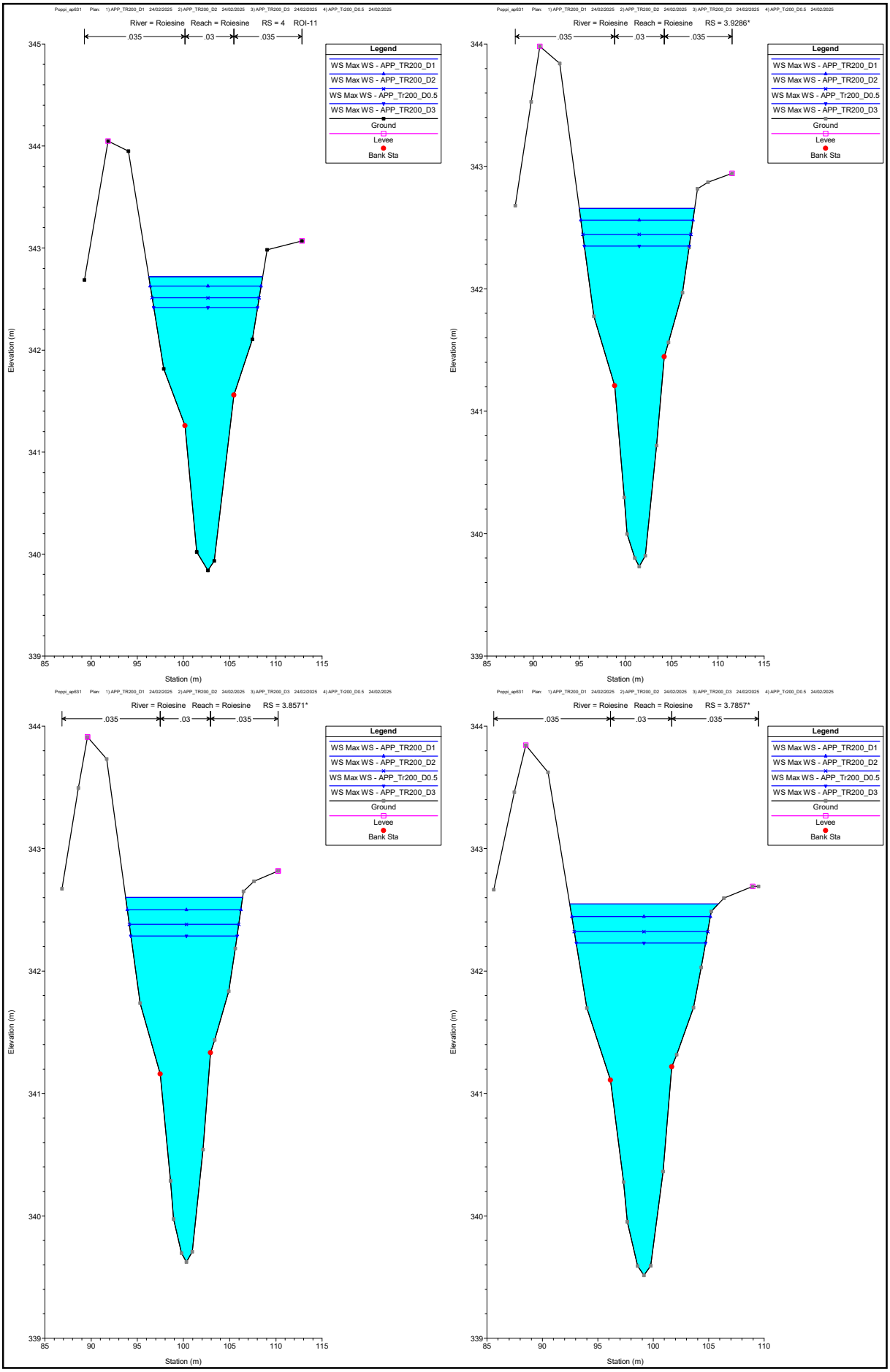

River = Roiesine Reach = Roiesine RS = 10 ROI-18
River = Roiesine Reach = Roiesine RS = 9.5 BR
River = Roiesine Reach = Roiesine RS = 9 ROI-17
River = Roiesine Reach = Roiesine RS = 8.9 ROI-16
.035
.03
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Levee
Ineff
Bank Sta
Elevation (m)
Station (m)

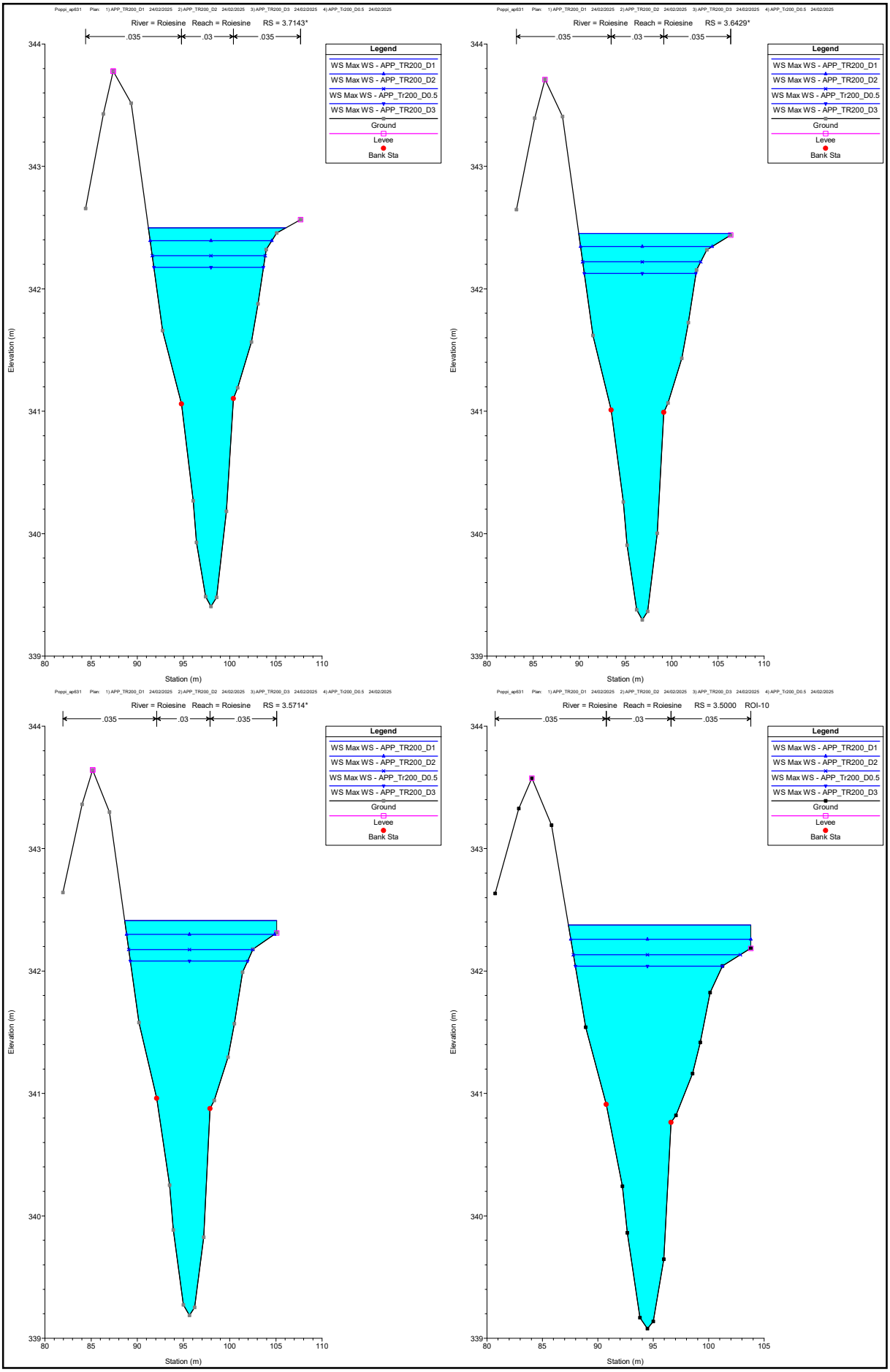

River = Roiesine Reach = Roiesine RS = 8.5 IS
.035
.03
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
River = Roiesine Reach = Roiesine RS = 8 ROI-15
.035
.03
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D0.5
WS Max WS - APP_TR200_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
River = Roiesine Reach = Roiesine RS = 7.5000*
.03
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
River = Roiesine Reach = Roiesine RS = 7 ROI-14
.03
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Levee
Ineff
Bank Sta
Elevation (m)
Station (m)

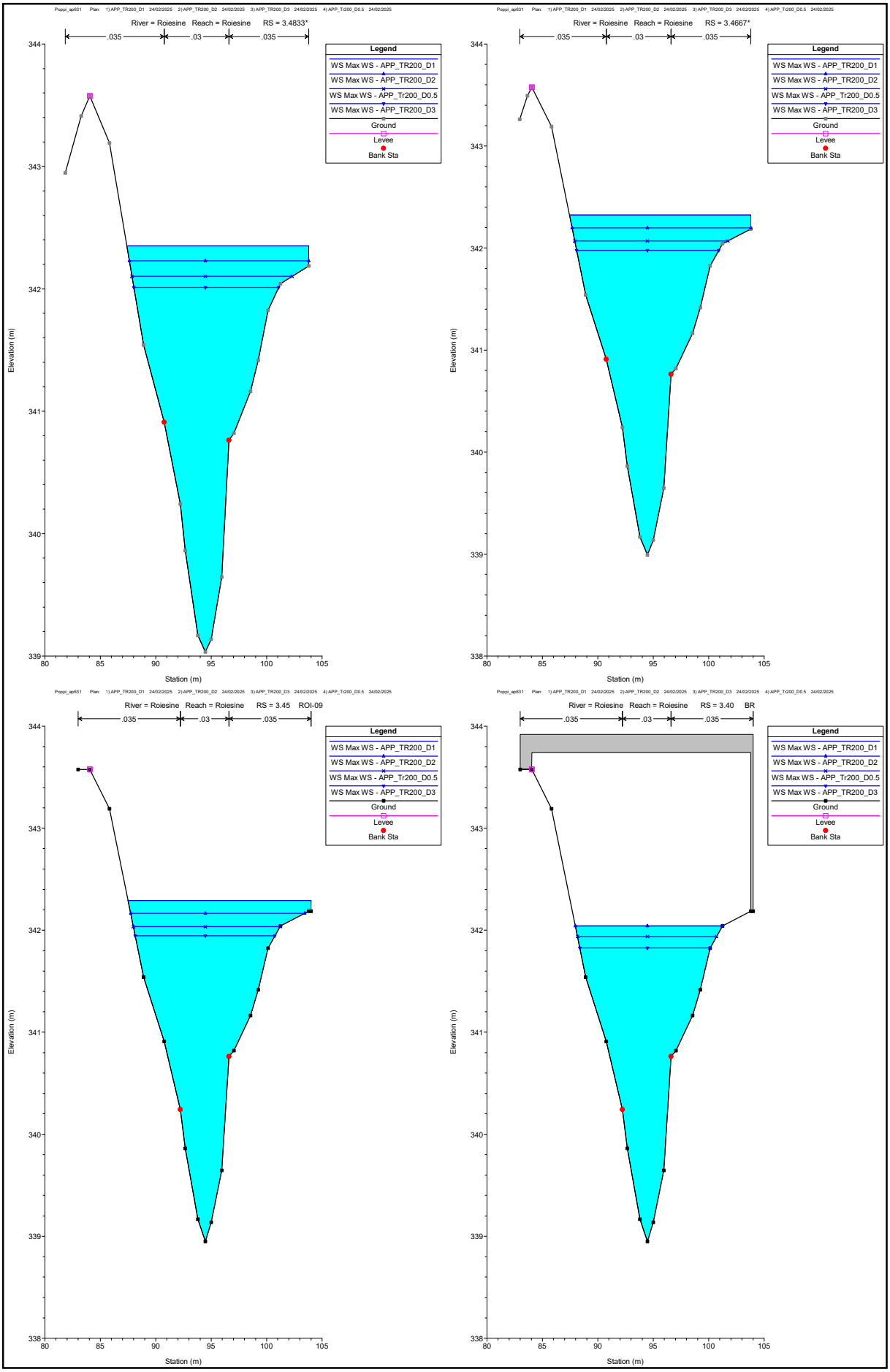

River = Roiesine Reach = Roiesine RS = 6.5 BR
River = Roiesine Reach = Roiesine RS = 6 ROI-13
River = Roiesine Reach = Roiesine RS = 5.7500*
River = Roiesine Reach = Roiesine RS = 5.5000*
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Levee
Ineff
Bank Sta
Elevation (m)
Station (m)

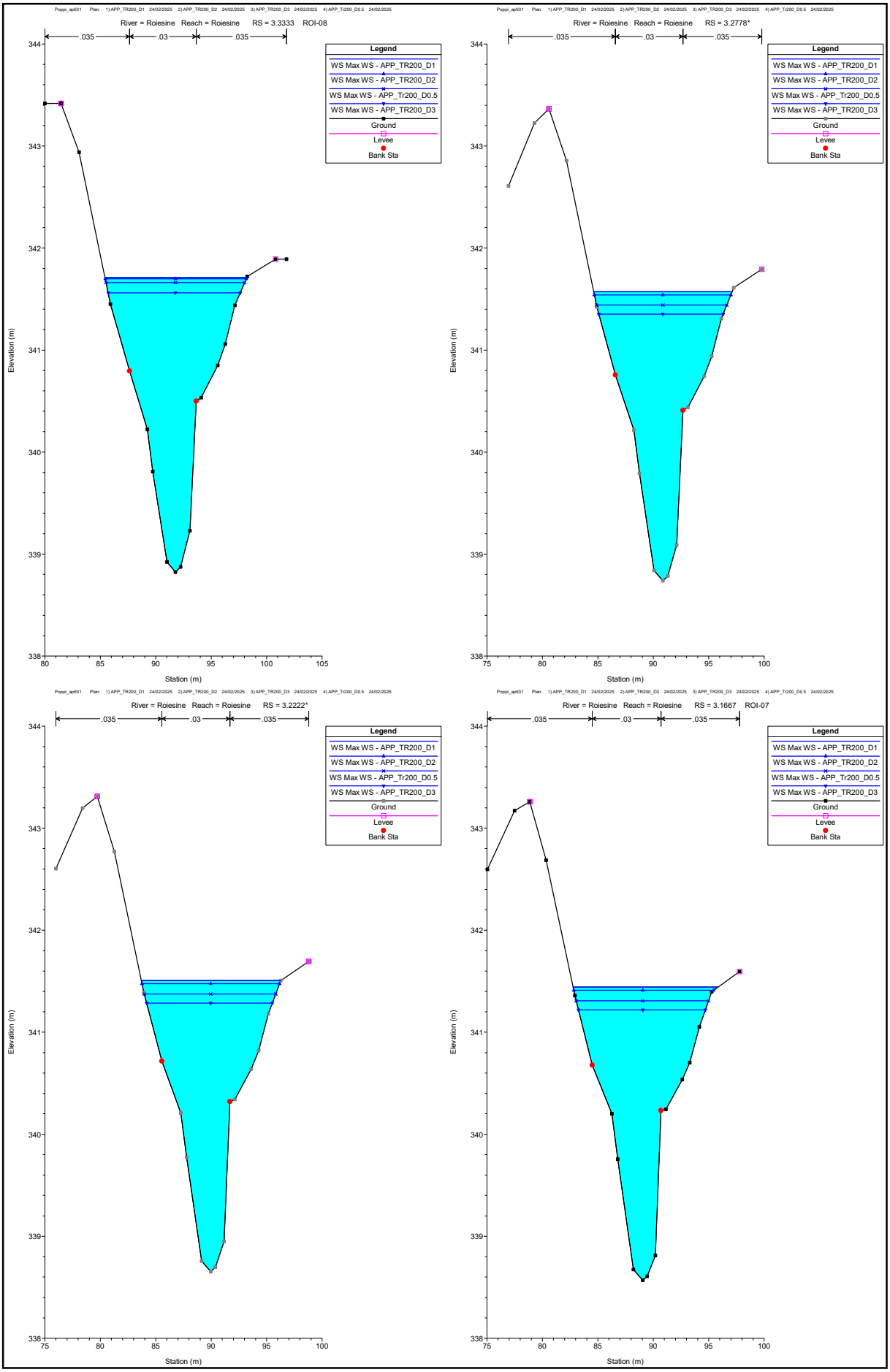

Poppi_ap831 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = Roiesine Reach = Roiesine RS = 5.2500*
.035 .03 .035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap831 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = Roiesine Reach = Roiesine RS = 5 ROI-12
.035 .03 .035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap831 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = Roiesine Reach = Roiesine RS = 4.8571*
.035 .03 .035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap831 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = Roiesine Reach = Roiesine RS = 4.7143*
.035 .03 .035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)

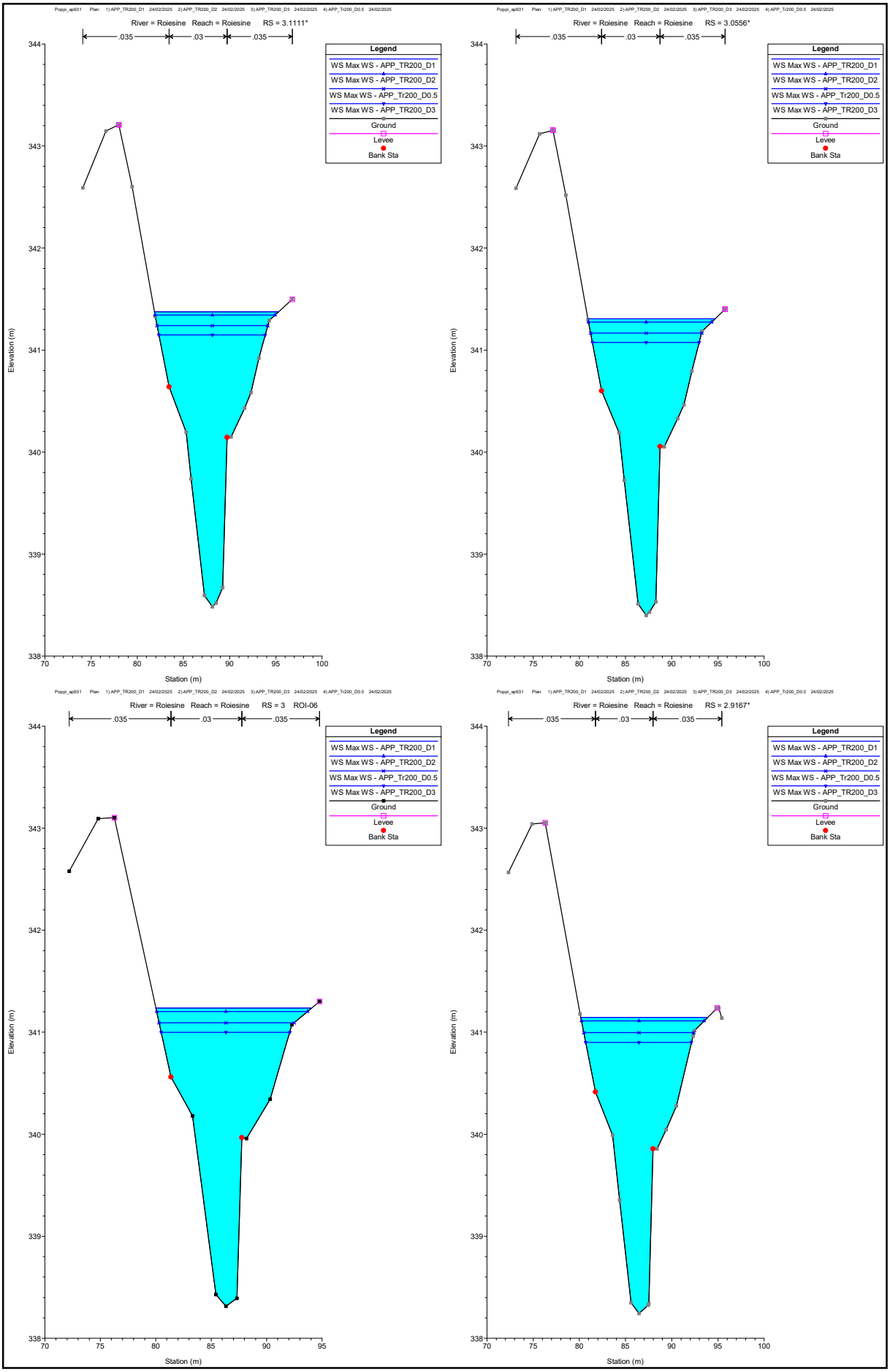

River = Roiesine Reach = Roiesine RS = 4.5714*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
River = Roiesine Reach = Roiesine RS = 4.4286*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
River = Roiesine Reach = Roiesine RS = 4.2857*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
River = Roiesine Reach = Roiesine RS = 4.1429*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)

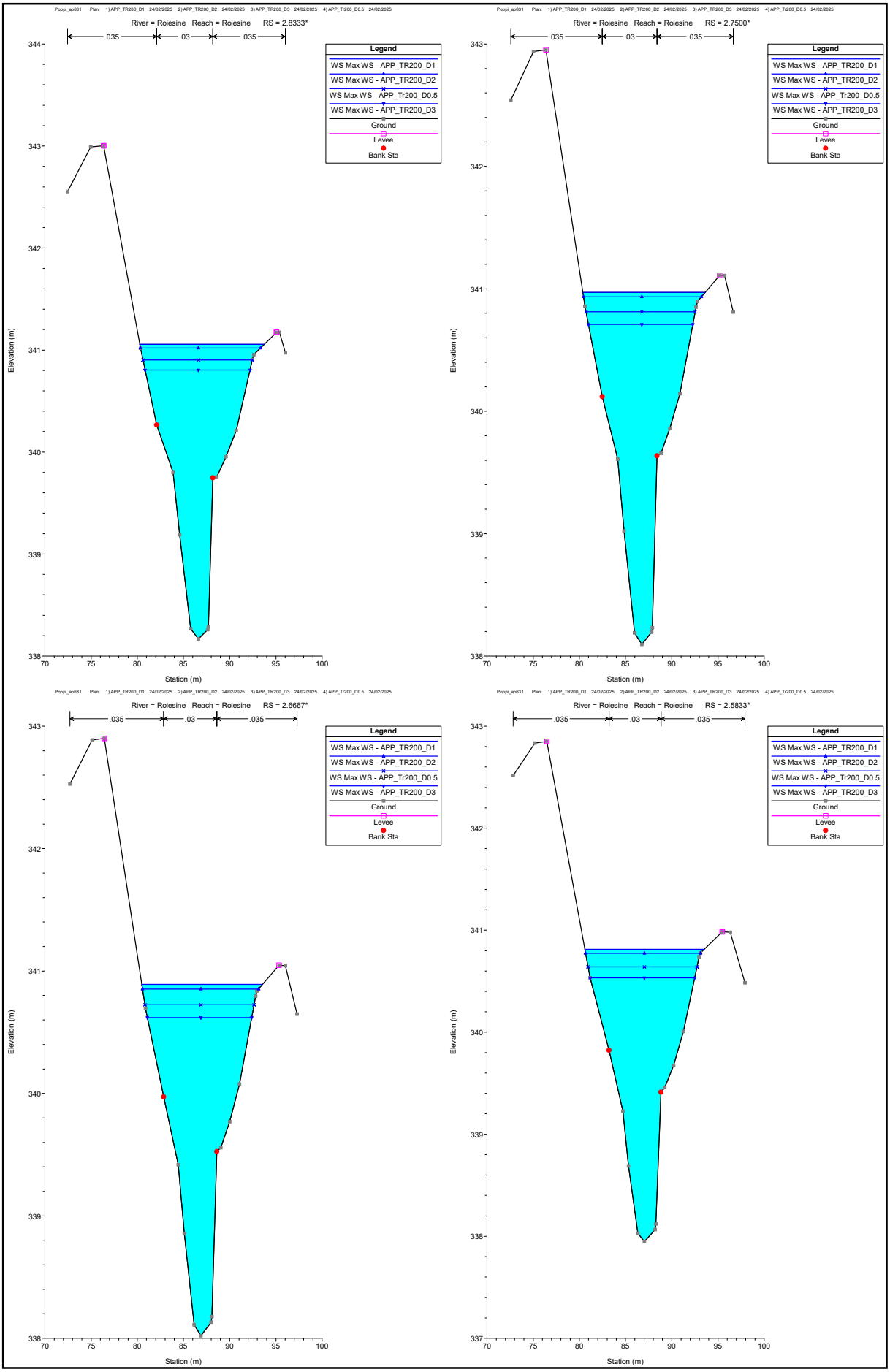

River = Roiesine Reach = Roiesine RS = 4 ROI-11
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
River = Roiesine Reach = Roiesine RS = 3.9286*
River = Roiesine Reach = Roiesine RS = 3.8571*
River = Roiesine Reach = Roiesine RS = 3.7857*

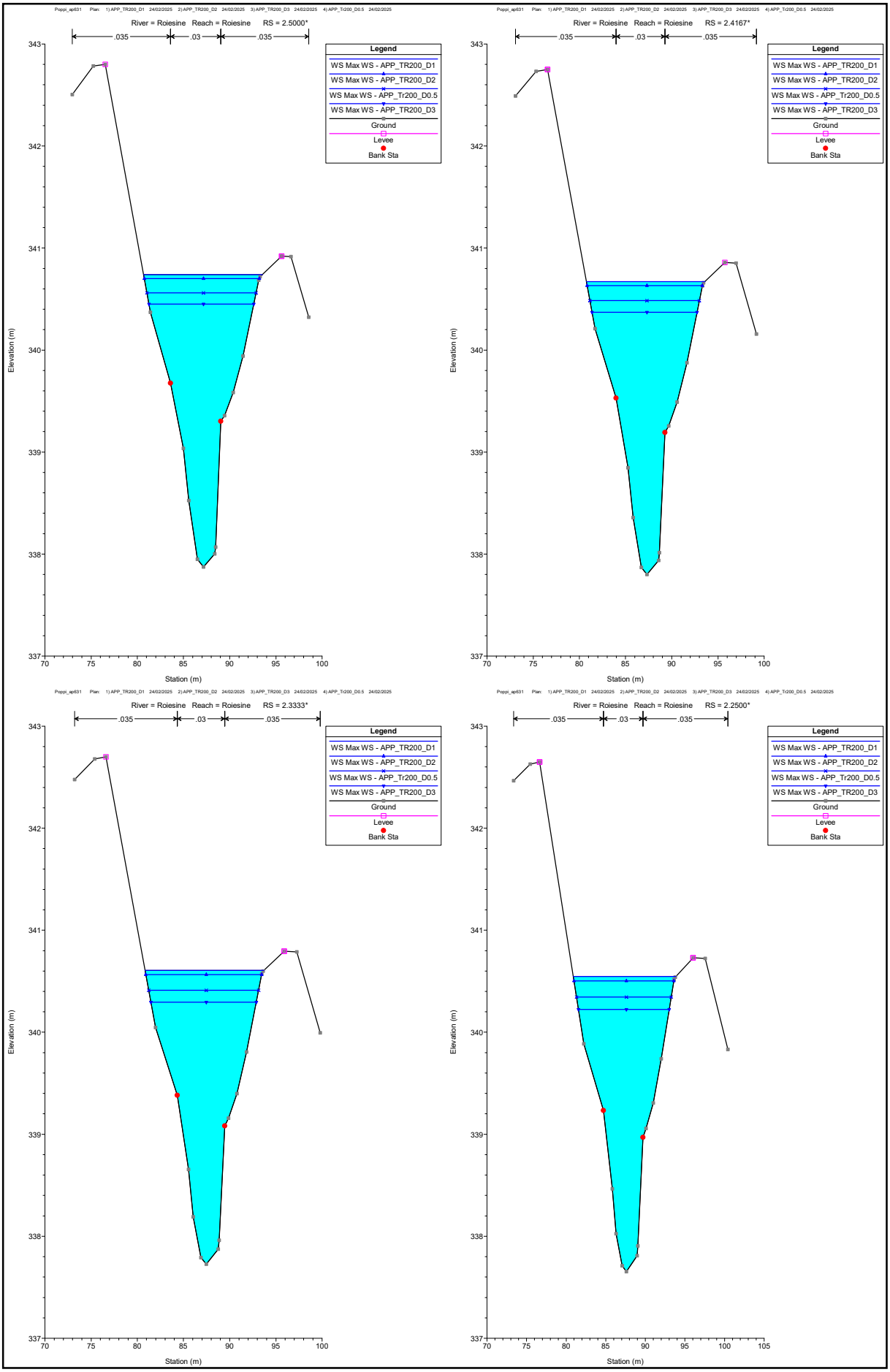

River = Roiesine Reach = Roiesine RS = 3.7143*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
River = Roiesine Reach = Roiesine RS = 3.6429*
River = Roiesine Reach = Roiesine RS = 3.5714*
River = Roiesine Reach = Roiesine RS = 3.5000 ROI-10

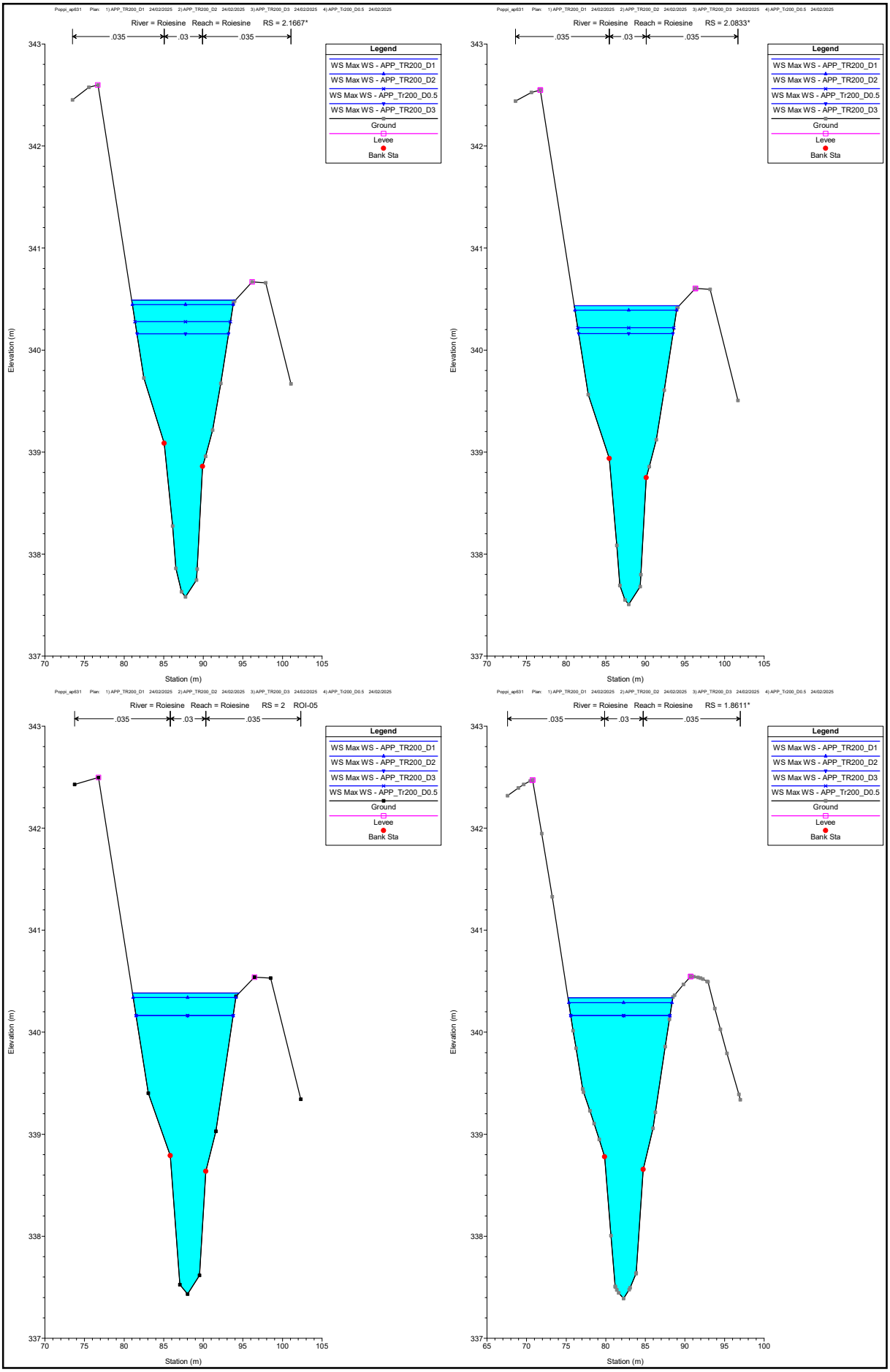

River = Roiesine Reach = Roiesine RS = 3.4833*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
River = Roiesine Reach = Roiesine RS = 3.4667*
River = Roiesine Reach = Roiesine RS = 3.45 ROI-09
River = Roiesine Reach = Roiesine RS = 3.40 BR

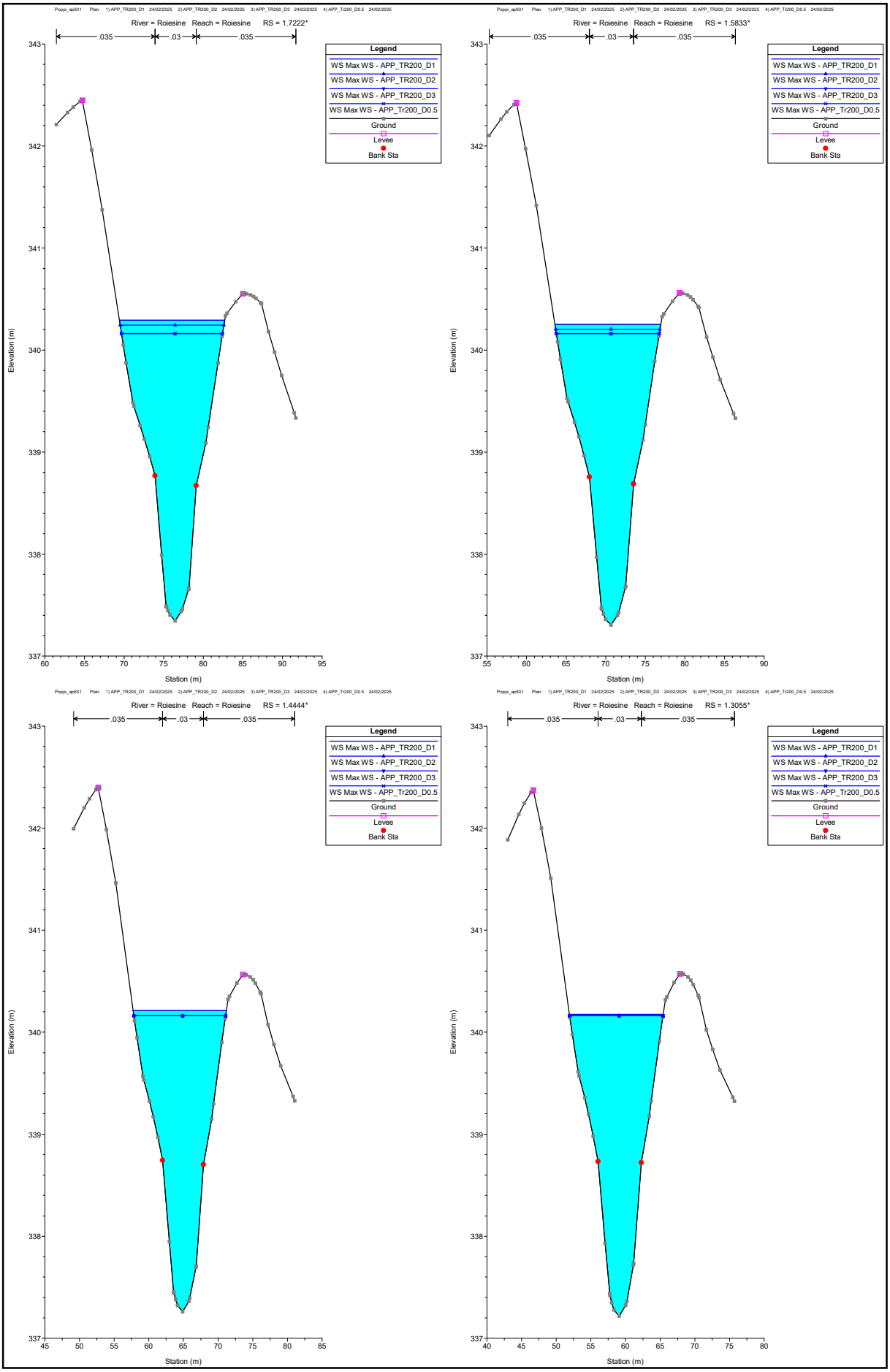

River = Roiesine Reach = Roiesine RS = 3.3333 ROI-08
River = Roiesine Reach = Roiesine RS = 3.2778*
River = Roiesine Reach = Roiesine RS = 3.2222*
River = Roiesine Reach = Roiesine RS = 3.1667 ROI-07
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)

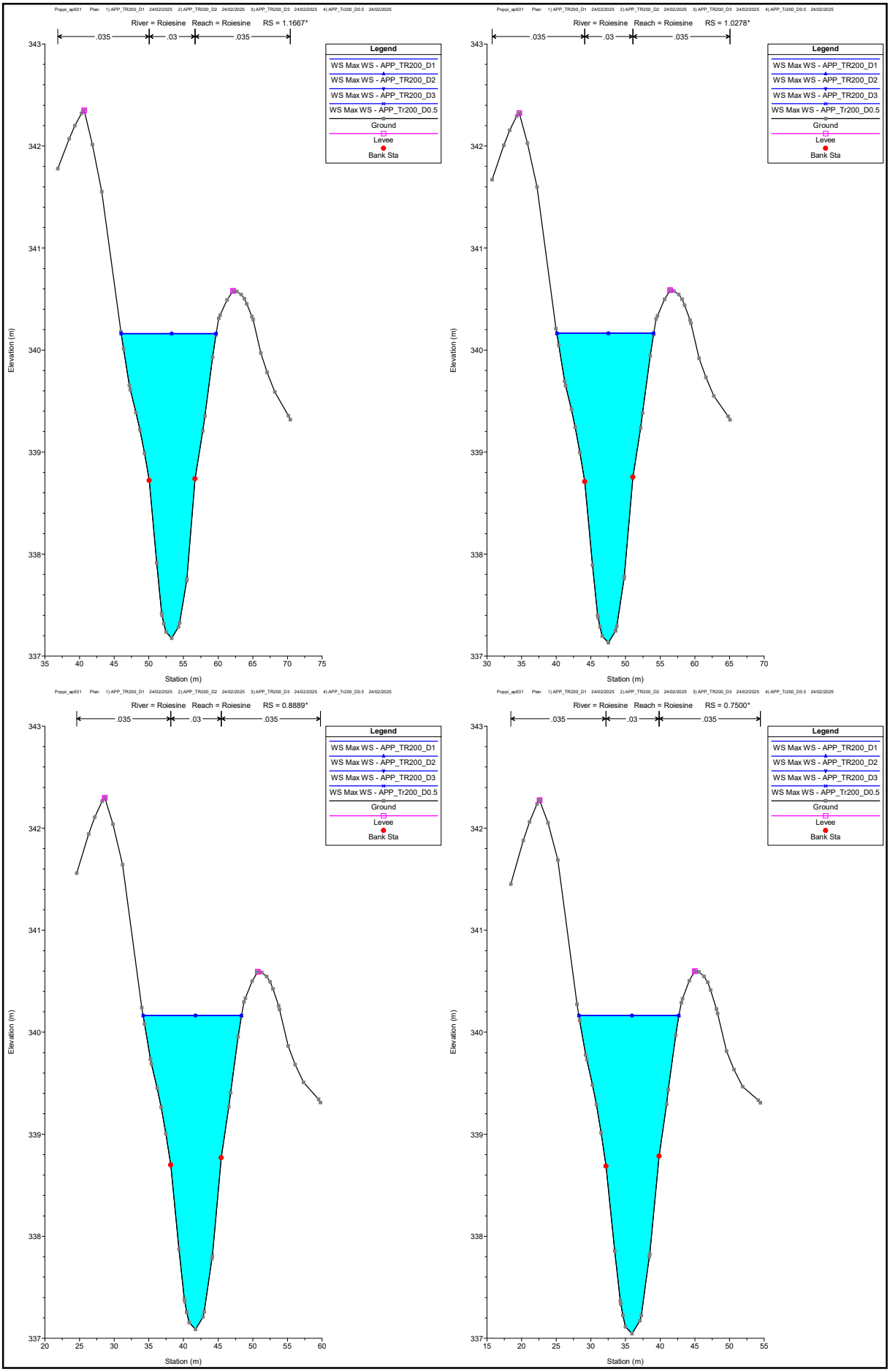

River = Roiesine Reach = Roiesine RS = 3.1111*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
River = Roiesine Reach = Roiesine RS = 3.0556*
River = Roiesine Reach = Roiesine RS = 3 ROI-06
River = Roiesine Reach = Roiesine RS = 2.9167*

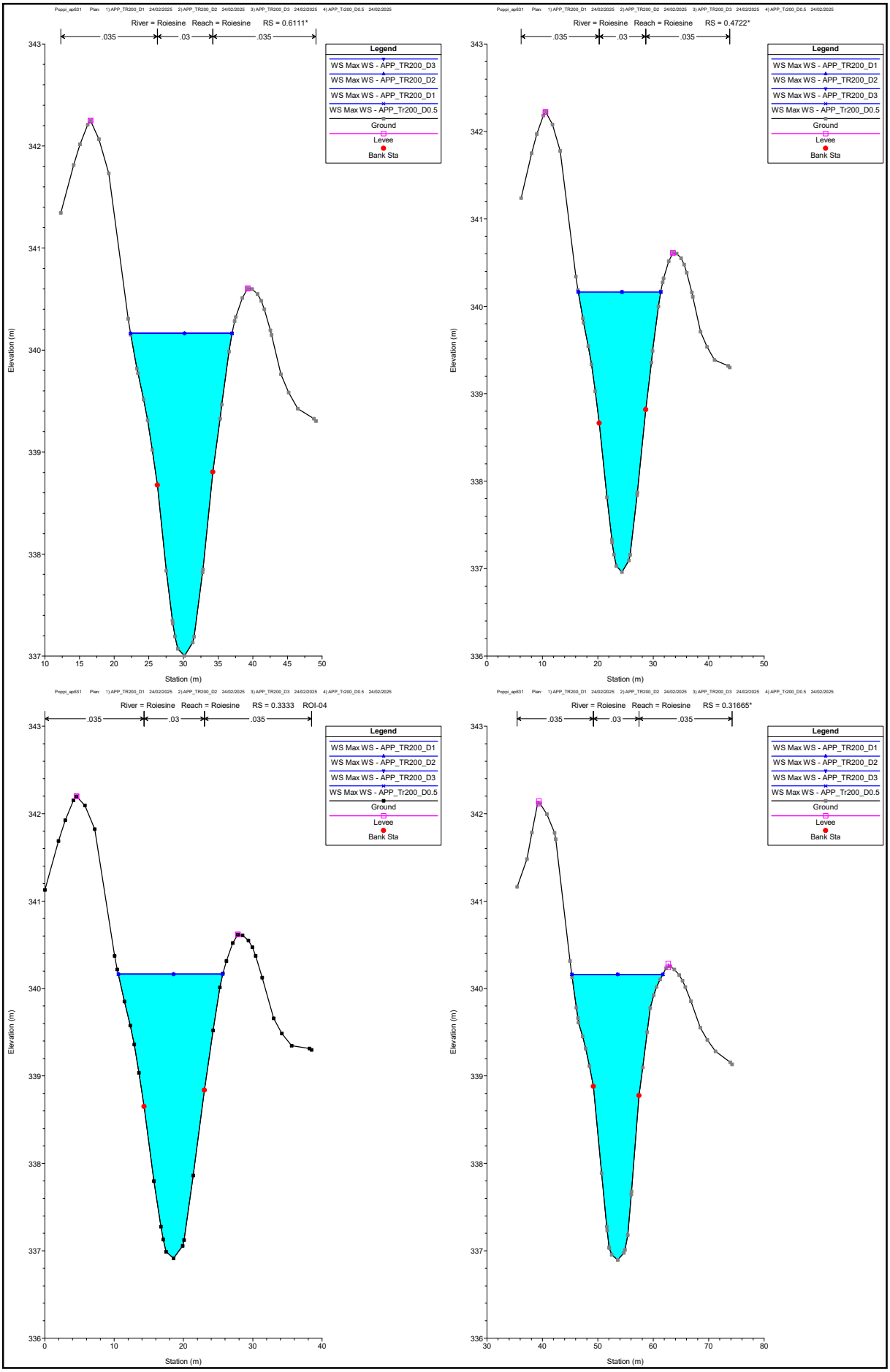

River = Roiesine Reach = Roiesine RS = 2.8333*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
River = Roiesine Reach = Roiesine RS = 2.7500*
River = Roiesine Reach = Roiesine RS = 2.6667*
River = Roiesine Reach = Roiesine RS = 2.5833*

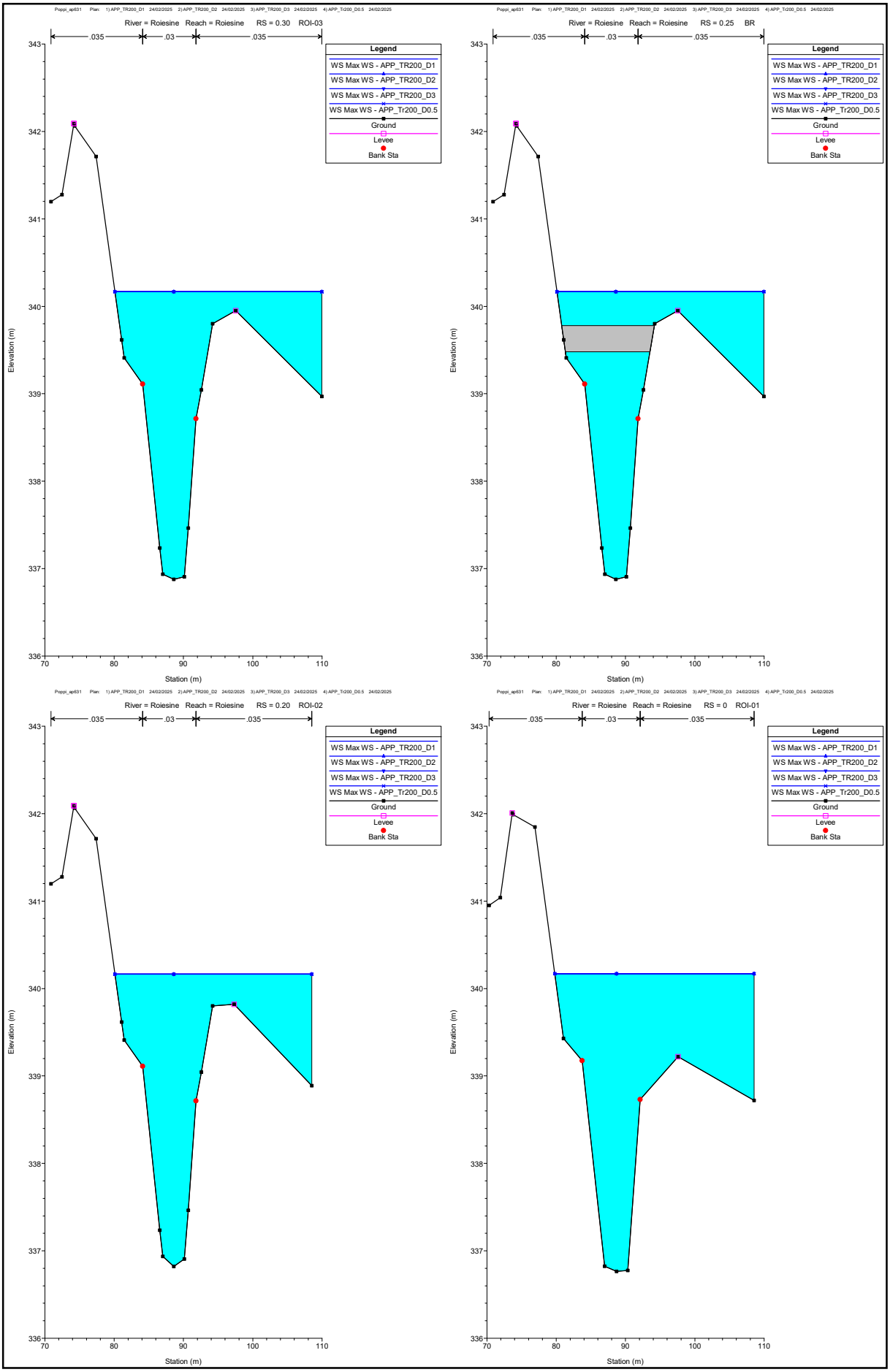

River = Roiesine Reach = Roiesine RS = 2.5000*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
River = Roiesine Reach = Roiesine RS = 2.4167*
River = Roiesine Reach = Roiesine RS = 2.3333*
River = Roiesine Reach = Roiesine RS = 2.2500*


River = Roiesine Reach = Roiesine RS = 2.1667*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
River = Roiesine Reach = Roiesine RS = 2.0833*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D0.5
WS Max WS - APP_TR200_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
River = Roiesine Reach = Roiesine RS = 2 ROI-05
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_Tr200_D0.5
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
River = Roiesine Reach = Roiesine RS = 1.8611*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_Tr200_D0.5
Ground
Levee
Bank Sta
Elevation (m)
Station (m)


Poppi_ap631 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = Roiesine Reach = Roiesine RS = 1.7222*
.035 .03 .035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_Tr200_D0.5
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = Roiesine Reach = Roiesine RS = 1.5833*
.035 .03 .035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_Tr200_D0.5
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = Roiesine Reach = Roiesine RS = 1.4444*
.035 .03 .035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_Tr200_D0.5
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = Roiesine Reach = Roiesine RS = 1.3055*
.035 .03 .035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_Tr200_D0.5
Ground
Levee
Bank Sta
Elevation (m)
Station (m)


Poppi_ap631 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = Roiesine Reach = Roiesine RS = 1.1667*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_Tr200_D0.5
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = Roiesine Reach = Roiesine RS = 1.0278*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_Tr200_D0.5
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = Roiesine Reach = Roiesine RS = 0.8889*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_Tr200_D0.5
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = Roiesine Reach = Roiesine RS = 0.7500*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_Tr200_D0.5
Ground
Levee
Bank Sta
Elevation (m)
Station (m)


River = Roiesine Reach = Roiesine RS = 0.6111*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D1
WS Max WS - APP_Tr200_D0.5
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
River = Roiesine Reach = Roiesine RS = 0.4722*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_Tr200_D0.5
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
River = Roiesine Reach = Roiesine RS = 0.3333 ROI-04
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_Tr200_D0.5
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
River = Roiesine Reach = Roiesine RS = 0.31665*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_Tr200_D0.5
Ground
Levee
Bank Sta
Elevation (m)
Station (m)


River = Roiesine Reach = Roiesine RS = 0.30 ROI-03
River = Roiesine Reach = Roiesine RS = 0.25 BR
River = Roiesine Reach = Roiesine RS = 0.20 ROI-02
River = Roiesine Reach = Roiesine RS = 0 ROI-01
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_Tr200_D0.5
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
336
337
338
339
340
341
342
343
70
80
90
100
110

ALLEGATI

MODELLAZIONE HEC-RAS 6.3.1 "POPPI_AP631"

ROIESINE

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 0.5, 1, 2 e 3h

Dati idraulici

HEC-RAS River: Roiesine Reach: Roiesine Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Roiesine	50	Max WS	APP_TR200_D1	79.50	375.38	377.77	378.21	379.16	0.013820	6.45	3.10	3.08	18.31	15.37	1.37
Roiesine	50	Max WS	APP_TR200_D2	70.60	375.38	377.65	378.07	378.99	0.013917	6.26	2.98	2.96	16.60	14.61	1.36
Roiesine	50	Max WS	APP_TR200_D3	55.40	375.38	377.44	377.83	378.66	0.014038	5.86	2.75	2.72	13.61	13.17	1.35
Roiesine	50	Max WS	APP_Tr200_D0.5	67.94	375.38	377.62	378.03	378.94	0.013964	6.20	2.95	2.92	16.08	14.37	1.36
Roiesine	49.750*	Max WS	APP_TR200_D1	79.50	375.28	377.66	378.06	378.94	0.012609	6.16	3.01	2.90	19.03	16.02	1.33
Roiesine	49.750*	Max WS	APP_TR200_D2	70.59	375.28	377.54	377.92	378.78	0.012748	5.98	2.90	2.79	17.24	15.23	1.32
Roiesine	49.750*	Max WS	APP_TR200_D3	55.40	375.28	377.33	377.68	378.46	0.012976	5.61	2.69	2.57	14.10	13.74	1.31
Roiesine	49.750*	Max WS	APP_Tr200_D0.5	67.93	375.28	377.51	377.88	378.73	0.012826	5.93	2.87	2.76	16.68	14.97	1.32
Roiesine	49.500*	Max WS	APP_TR200_D1	79.49	375.18	377.56	377.89	378.70	0.011150	5.78	2.88	2.71	20.09	16.77	1.25
Roiesine	49.500*	Max WS	APP_TR200_D2	70.59	375.18	377.45	377.76	378.54	0.011304	5.61	2.78	2.60	18.18	15.94	1.25
Roiesine	49.500*	Max WS	APP_TR200_D3	55.40	375.18	377.23	377.52	378.23	0.011545	5.26	2.58	2.39	14.87	14.40	1.24
Roiesine	49.500*	Max WS	APP_Tr200_D0.5	67.92	375.18	377.41	377.72	378.49	0.011386	5.56	2.75	2.57	17.59	15.67	1.25
Roiesine	49.250*	Max WS	APP_TR200_D1	79.49	375.08	377.48	377.80	378.47	0.009676	5.38	2.74	2.08	22.16	20.53	1.16
Roiesine	49.250*	Max WS	APP_TR200_D2	70.58	375.08	377.36	377.70	378.26	0.009276	5.09	2.58	2.32	20.02	17.48	1.12
Roiesine	49.250*	Max WS	APP_TR200_D3	55.40	375.08	377.14	377.32	377.97	0.009490	4.78	2.40	2.13	16.36	15.76	1.12
Roiesine	49.250*	Max WS	APP_Tr200_D0.5	67.92	375.08	377.32	377.41	378.21	0.009352	5.04	2.55	2.30	19.35	17.18	1.13
Roiesine	49	Max WS	APP_TR200_D1	79.49	374.98	377.41	377.59	378.18	0.007615	4.79	2.49	1.67	25.24	24.47	1.02
Roiesine	49	Max WS	APP_TR200_D2	70.58	374.98	377.29	377.49	378.07	0.007886	4.71	2.44	1.51	22.49	23.43	1.03
Roiesine	49	Max WS	APP_TR200_D3	55.40	374.98	377.07	377.29	377.79	0.008055	4.43	2.27	1.70	17.52	19.25	1.02
Roiesine	49	Max WS	APP_Tr200_D0.5	67.91	374.98	377.25	377.45	378.03	0.008039	4.70	2.43	1.46	21.58	23.07	1.03
Roiesine	48.99			Lat Struct											
Roiesine	48.98			Lat Struct											
Roiesine	48.667*	Max WS	APP_TR200_D1	79.48	374.90	377.37		377.83	0.004775	3.96	2.14	1.82	31.47	25.90	0.83
Roiesine	48.667*	Max WS	APP_TR200_D2	70.57	374.90	377.26		377.70	0.004906	3.88	2.04	1.78	28.51	25.06	0.83
Roiesine	48.667*	Max WS	APP_TR200_D3	55.40	374.90	377.03		377.45	0.005071	3.67	1.91	1.69	23.18	22.38	0.83
Roiesine	48.667*	Max WS	APP_Tr200_D0.5	67.91	374.90	377.22		377.66	0.004987	3.86	2.02	1.77	27.52	24.72	0.83
Roiesine	48.333*	Max WS	APP_TR200_D1	79.50	374.82	377.40		377.63	0.002370	2.95	1.82	1.56	41.55	27.66	0.60
Roiesine	48.333*	Max WS	APP_TR200_D2	70.57	374.82	377.28		377.50	0.002388	2.86	1.74	1.49	38.15	27.15	0.59
Roiesine	48.333*	Max WS	APP_TR200_D3	55.40	374.82	377.04		377.24	0.002507	2.73	1.62	1.37	31.71	26.15	0.60
Roiesine	48.333*	Max WS	APP_Tr200_D0.5	67.91	374.82	377.24		377.45	0.002400	2.84	1.72	1.47	37.08	26.98	0.59
Roiesine	48	Max WS	APP_TR200_D1	79.40	374.74	377.46		377.59	0.001267	2.29	1.50	1.30	53.01	29.94	0.45
Roiesine	48	Max WS	APP_TR200_D2	70.56	374.74	377.33		377.46	0.001244	2.20	1.44	1.23	49.25	29.58	0.44
Roiesine	48	Max WS	APP_TR200_D3	55.39	374.74	377.09		377.19	0.001219	2.03	1.33	1.10	42.10	28.86	0.43
Roiesine	48	Max WS	APP_Tr200_D0.5	67.90	374.74	377.29		377.41	0.001238	2.17	1.43	1.21	48.06	29.46	0.44
Roiesine	47.667*	Max WS	APP_TR200_D1	79.37	374.71	377.45		377.59	0.001427	2.43	1.55	1.35	50.77	29.94	0.47
Roiesine	47.667*	Max WS	APP_TR200_D2	70.55	374.71	377.32		377.46	0.001404	2.34	1.48	1.29	47.02	29.33	0.47
Roiesine	47.667*	Max WS	APP_TR200_D3	55.39	374.71	377.08		377.19	0.001376	2.16	1.36	1.17	40.02	28.16	0.45
Roiesine	47.667*	Max WS	APP_Tr200_D0.5	67.90	374.71	377.28		377.41	0.001399	2.31	1.46	1.27	45.84	29.14	0.46
Roiesine	47.333*	Max WS	APP_TR200_D1	79.31	374.69	377.43		377.60	0.001663	2.62	1.61	1.38	48.60	30.97	0.51
Roiesine	47.333*	Max WS	APP_TR200_D2	70.54	374.69	377.31		377.46	0.001656	2.53	1.54	1.33	44.71	30.06	0.51
Roiesine	47.333*	Max WS	APP_TR200_D3	55.40	374.69	377.06		377.20	0.001654	2.37	1.41	1.23	37.57	28.32	0.50
Roiesine	47.333*	Max WS	APP_Tr200_D0.5	67.88	374.69	377.27		377.42	0.001655	2.51	1.52	1.31	43.50	29.77	0.50
Roiesine	47	Max WS	APP_TR200_D1	79.14	374.66	377.40	376.83	377.61	0.002112	2.94	1.72	1.51	43.73	29.10	0.57
Roiesine	47	Max WS	APP_TR200_D2	70.47	374.66	377.27	376.74	377.47	0.002128	2.86	1.65	1.47	40.08	28.22	0.57
Roiesine	47	Max WS	APP_TR200_D3	55.40	374.66	377.03	376.52	377.21	0.002175	2.70	1.50	1.39	33.39	26.54	0.57
Roiesine	47	Max WS	APP_Tr200_D0.5	67.84	374.66	377.23	376.69	377.43	0.002135	2.83	1.62	1.45	38.94	27.94	0.57
Roiesine	46.50			Inl Struct											
Roiesine	46	Max WS	APP_TR200_D1	79.14	372.70	374.27	374.92	376.33	0.026478	7.23	3.81	3.75	14.04	13.20	1.86
Roiesine	46	Max WS	APP_TR200_D2	70.47	372.70	374.17	374.79	376.12	0.026839	6.98	3.69	3.62	12.83	12.71	1.85
Roiesine	46	Max WS	APP_TR200_D3	55.39	372.70	374.00	374.54	375.71	0.027511	6.48	3.43	3.36	10.67	11.79	1.84
Roiesine	46	Max WS	APP_Tr200_D0.5	67.84	372.70	374.14	374.75	376.05	0.026939	6.90	3.64	3.58	12.46	12.56	1.85
Roiesine	45.750*	Max WS	APP_TR200_D1	79.17	372.42	374.06	374.75	376.24	0.026362	7.34	3.92	3.49	13.68	12.51	1.86
Roiesine	45.750*	Max WS	APP_TR200_D2	70.48	372.42	373.96	374.61	376.02	0.026745	7.09	3.77	3.36	12.49	12.07	1.85
Roiesine	45.750*	Max WS	APP_TR200_D3	55.39	372.42	373.78	374.36	375.60	0.027441	6.58	3.47	3.09	10.38	11.20	1.84
Roiesine	45.750*	Max WS	APP_Tr200_D0.5	67.85	372.42	373.93	374.57	375.95	0.026876	7.01	3.72	3.32	12.13	11.93	1.85
Roiesine	45.500*	Max WS	APP_TR200_D1	79.17	372.13	373.85	374.57	376.11	0.026114	7.39	4.03	3.26	13.35	11.72	1.85
Roiesine	45.500*	Max WS	APP_TR200_D2	70.48	372.13	373.76	374.43	375.88	0.026462	7.13	3.87	3.13	12.21	11.32	1.84
Roiesine	45.500*	Max WS	APP_TR200_D3	55.40	372.13	373.57	374.15	375.44	0.027086	6.62	3.54	2.85	10.16	10.58	1.82
Roiesine	45.500*	Max WS	APP_Tr200_D0.5	67.84	372.13	373.72	374.38	375.81	0.026558	7.05	3.82	3.08	11.86	11.19	1.84
Roiesine	45.250*	Max WS	APP_TR200_D1	79.17	371.85	373.65	374.39	375.99	0.026112	7.44	4.16	3.08	13.02	10.89	1.84
Roiesine	45.250*	Max WS	APP_TR200_D2	70.47	371.85	373.55	374.24	375.74	0.026327	7.16	3.99	2.94	11.93	10.54	1.83
Roiesine	45.250*	Max WS	APP_TR200_D3	55.39	371.85	373.36	373.95	375.26	0.026736	6.62	3.64	2.67	9.98	9.88	1.80
Roiesine	45.250*	Max WS	APP_Tr200_D0.5	67.84	371.85	373.52	374.20	375.66	0.026404	7.07	3.93	2.89	11.60	10.43	1.83
Roiesine	45	Max WS	APP_TR200_D1	79.17	371.57	373.44	374.22	375.88	0.026650	7.52	4.28	2.98	12.63	10.03	1.85
Roiesine	45	Max WS	APP_TR200_D2	70.47	371.57	373.34	374.06	375.61	0.026724	7.23	4.11	2.81	11.61	9.76	1.83
Roiesine	45	Max WS	APP_TR200_D3	55.40	371.57	373.15	373.76	375.10	0.026849	6.64	3.75	2.49	9.78	9.24	1.80
Roiesine	45	Max WS	APP_Tr200_D0.5	67.84	371.57	373.31	374.01	375.52	0.026732	7.13	4.05	2.76	11.30	9.67	1.83
Roiesine	44.737*	Max WS	APP_TR200_D1	79.17	371.31	373.19	373.96	375.64	0.026610	7.56	4.29	3.00	12.61	10.00	1.85
Roiesine	44.737*	Max WS	APP_TR200_D2	70.47	371.31	373.09	373.80	375.37	0.026677	7.26	4.12	2.85	11.59	9.71	1.83
Roiesine	44.737*	Max WS	APP_TR200_D3	55.39	371.31	372.89	373.51	374.85	0.026806	6.68	3.76	2.52	9.76	9.19	1.80
Roiesine	44.737*	Max WS	APP_Tr200_D0.5	67.84	371.31	373.05	373.75	375.28	0.026692	7.17	4.06	2.80	11.28	9.62	1.83
Roiesine	44.474*	Max WS	APP_TR200_D1	79.17	371.05	372.93	373.71	375.40	0.026586	7.60	4.30	3.03	12.60	9.97	1.85
Roiesine	44.474*	Max WS	APP_TR200_D2	70.47	371.05	372.83	373.55	375.13	0.026655	7.30	4.13	2.88	11.58	9.66	1.84
Roiesine	44.474*	Max WS	APP_TR200_D3	55.39	371.05	372.63	373.26	374.61	0.026798	6.72	3.77	2.56	9.74	9.14	1.80
Roiesine	44.474*	Max WS	APP_Tr200_D0.5	67.84	371.05	372.80	373.51	375.04	0.026661	7.21	4.07	2.83	11.26	9.58	1.83
Roiesine	44.211*	Max WS	APP_TR200_D1	79.17	370.78	372.68	373.47	375.16	0.026548	7.65	4.31	3.06	12.58	9.93	1.86
Roiesine	44.211*	Max WS	APP_TR200_D2	70.47	370.78	372.58	373.31	374.89	0.026617	7.34	4.14	2.92	11.56	9.61	1.84
Roiesine	44.211*	Max WS	APP_TR200_D3	55.39	370.78	372.38	373.01	374.37	0.026765	6.76	3.78	2.60	9.72	9.08	1.81
Roiesine	44.211*	Max WS	APP_Tr200_D0.5	67.84	370.78	372.54	373.26	374.80	0.026610	7.24	4.08	2.86	11.25	9.53	1.83
Roiesine	43.947*	Max WS	APP_TR200_D1	79.17	370.52	372.43	373.22	374.93	0.026538	7.69	4.32	3.09	12.56	9.89	1.86
Roiesine	43.947*	Max WS	APP_TR200_D2	70.47	370.52	372.32	373.06	374.65	0.026614	7.39	4.15	2.95	11.54	9.58	1.84
Roiesine	43.947*	Max WS	APP_TR200_D3	55.39	370.52	372.12	372.76	374.13	0.026766	6.80	3.80	2.63	9.69	9.03	1.81
Roiesine	43.947*	Max WS	APP_Tr200_D0.5	67.84	370.52	372.29	373.01	374.56	0.026592	7.29	4.09	2.90	11.23	9.48	1.84
Roiesine	43.684*	Max WS	APP_TR200_D1	79.17	370.26	372.17	372.98	374.69	0.026493	7.73	4.33	3.12	12.55	9.85	1.86
Roiesine	43.684*	Max WS	APP_TR200_D2	70.47	370.26	372.07	372.81	374.41	0.026574	7.43	4.15	2.98	11.52	9.54	1.85
Roiesine	43.684*	Max WS	APP_TR200_D3	55.39	370.26	371.87	372.51	373.89	0.026726	6.84	3.81	2.67	9.68	8.98	1.81

HEC-RAS River: Roiesine Reach: Roiesine Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Roiesine	43.684*	Max WS	APP_Tr200_D0.5	67.84	370.26	372.03	372.76	374.33	0.026561	7.33	4.10	2.93	11.21	9.44	1.84
Roiesine	43.421*	Max WS	APP_TR200_D1	79.17	370.00	371.92	372.73	374.45	0.026450	7.77	4.33	3.15	12.54	9.82	1.87
Roiesine	43.421*	Max WS	APP_TR200_D2	70.47	370.00	371.81	372.57	374.18	0.026552	7.47	4.16	3.01	11.51	9.50	1.85
Roiesine	43.421*	Max WS	APP_TR200_D3	55.39	370.00	371.61	372.26	373.66	0.026703	6.88	3.82	2.70	9.66	8.93	1.82
Roiesine	43.421*	Max WS	APP_Tr200_D0.5	67.84	370.00	371.78	372.52	374.09	0.026547	7.37	4.11	2.96	11.19	9.40	1.85
Roiesine	43.158*	Max WS	APP_TR200_D1	79.16	369.73	371.67	372.49	374.22	0.026385	7.81	4.34	3.18	12.53	9.78	1.87
Roiesine	43.158*	Max WS	APP_TR200_D2	70.47	369.73	371.56	372.32	373.94	0.026508	7.51	4.17	3.04	11.49	9.46	1.85
Roiesine	43.158*	Max WS	APP_TR200_D3	55.39	369.73	371.36	372.01	373.42	0.026676	6.92	3.83	2.74	9.64	8.88	1.82
Roiesine	43.158*	Max WS	APP_Tr200_D0.5	67.84	369.73	371.52	372.27	373.85	0.026511	7.42	4.11	2.99	11.18	9.36	1.85
Roiesine	42.895*	Max WS	APP_TR200_D1	79.17	369.47	371.41	372.23	373.98	0.026363	7.86	4.34	3.20	12.52	9.77	1.87
Roiesine	42.895*	Max WS	APP_TR200_D2	70.47	369.47	371.30	372.08	373.70	0.026468	7.56	4.18	3.07	11.48	9.42	1.86
Roiesine	42.895*	Max WS	APP_TR200_D3	55.39	369.47	371.10	371.76	373.18	0.026660	6.96	3.84	2.77	9.62	8.83	1.82
Roiesine	42.895*	Max WS	APP_Tr200_D0.5	67.84	369.47	371.27	372.03	373.62	0.026479	7.46	4.12	3.02	11.17	9.32	1.85
Roiesine	42.632*	Max WS	APP_TR200_D1	79.16	369.21	371.16	371.98	373.75	0.026285	7.90	4.34	3.22	12.52	9.76	1.88
Roiesine	42.632*	Max WS	APP_TR200_D2	70.47	369.21	371.05	371.83	373.47	0.026402	7.60	4.18	3.10	11.48	9.39	1.86
Roiesine	42.632*	Max WS	APP_TR200_D3	55.39	369.21	370.85	371.52	372.94	0.026586	7.00	3.84	2.80	9.61	8.79	1.83
Roiesine	42.632*	Max WS	APP_Tr200_D0.5	67.84	369.21	371.02	371.78	373.38	0.026400	7.50	4.12	3.05	11.16	9.29	1.85
Roiesine	42.368*	Max WS	APP_TR200_D1	79.16	368.95	370.91	371.74	373.51	0.026228	7.95	4.34	3.23	12.52	9.77	1.88
Roiesine	42.368*	Max WS	APP_TR200_D2	70.46	368.95	370.80	371.59	373.23	0.026333	7.64	4.18	3.13	11.47	9.35	1.86
Roiesine	42.368*	Max WS	APP_TR200_D3	55.39	368.95	370.59	371.27	372.70	0.026551	7.04	3.85	2.84	9.60	8.74	1.83
Roiesine	42.368*	Max WS	APP_Tr200_D0.5	67.84	368.95	370.77	371.54	373.14	0.026356	7.54	4.13	3.08	11.15	9.25	1.86
Roiesine	42.105*	Max WS	APP_TR200_D1	79.16	368.69	370.66	371.52	373.28	0.026139	7.99	4.34	3.24	12.54	9.79	1.88
Roiesine	42.105*	Max WS	APP_TR200_D2	70.46	368.69	370.55	371.35	372.99	0.026223	7.68	4.18	3.16	11.47	9.32	1.86
Roiesine	42.105*	Max WS	APP_TR200_D3	55.39	368.69	370.34	371.03	372.46	0.026470	7.09	3.85	2.87	9.59	8.70	1.83
Roiesine	42.105*	Max WS	APP_Tr200_D0.5	67.84	368.69	370.51	371.30	372.90	0.026272	7.59	4.13	3.11	11.15	9.22	1.86
Roiesine	41.842*	Max WS	APP_TR200_D1	79.16	368.42	370.41	371.15	373.05	0.026209	8.06	4.28	3.26	12.56	9.93	1.89
Roiesine	41.842*	Max WS	APP_TR200_D2	70.46	368.42	370.30	371.07	372.76	0.026153	7.73	4.17	3.17	11.48	9.34	1.87
Roiesine	41.842*	Max WS	APP_TR200_D3	55.39	368.42	370.09	370.79	372.22	0.026373	7.12	3.86	2.90	9.59	8.66	1.83
Roiesine	41.842*	Max WS	APP_Tr200_D0.5	67.83	368.42	370.26	371.04	372.66	0.026151	7.62	4.13	3.14	11.16	9.19	1.86
Roiesine	41.579*	Max WS	APP_TR200_D1	79.16	368.16	370.16	370.97	372.80	0.025956	8.08	4.32	3.26	12.57	9.86	1.88
Roiesine	41.579*	Max WS	APP_TR200_D2	70.46	368.16	370.05	370.82	372.51	0.025978	7.76	4.17	3.17	11.50	9.35	1.86
Roiesine	41.579*	Max WS	APP_TR200_D3	55.39	368.16	369.84	370.52	371.98	0.026213	7.16	3.86	2.93	9.60	8.63	1.83
Roiesine	41.579*	Max WS	APP_Tr200_D0.5	67.84	368.16	370.01	370.78	372.42	0.026000	7.66	4.13	3.15	11.17	9.19	1.86
Roiesine	41.316*	Max WS	APP_TR200_D1	79.16	367.90	369.91	370.71	372.56	0.025760	8.12	4.30	3.26	12.62	9.93	1.88
Roiesine	41.316*	Max WS	APP_TR200_D2	70.46	367.90	369.80	370.57	372.27	0.025761	7.80	4.16	3.17	11.54	9.40	1.86
Roiesine	41.316*	Max WS	APP_TR200_D3	55.39	367.90	369.59	370.27	371.74	0.026005	7.19	3.85	2.95	9.61	8.60	1.83
Roiesine	41.316*	Max WS	APP_Tr200_D0.5	67.83	367.90	369.76	370.52	372.18	0.025786	7.69	4.11	3.15	11.20	9.22	1.86
Roiesine	41.053*	Max WS	APP_TR200_D1	79.16	367.64	369.67	370.52	372.31	0.025399	8.13	4.27	3.28	12.70	9.97	1.87
Roiesine	41.053*	Max WS	APP_TR200_D2	70.46	367.64	369.56	370.32	372.03	0.025432	7.82	4.13	3.16	11.60	9.47	1.86
Roiesine	41.053*	Max WS	APP_TR200_D3	55.39	367.64	369.34	370.03	371.49	0.025641	7.21	3.84	2.97	9.65	8.58	1.82
Roiesine	41.053*	Max WS	APP_Tr200_D0.5	67.83	367.64	369.52	370.27	371.94	0.025460	7.72	4.09	3.14	11.26	9.29	1.85
Roiesine	40.789*	Max WS	APP_TR200_D1	79.16	367.38	369.43	370.29	372.05	0.024919	8.14	4.22	3.28	12.81	10.09	1.86
Roiesine	40.789*	Max WS	APP_TR200_D2	70.46	367.38	369.32	370.12	371.77	0.024945	7.82	4.09	3.14	11.70	9.58	1.84
Roiesine	40.789*	Max WS	APP_TR200_D3	55.39	367.38	369.10	369.80	371.23	0.025054	7.20	3.82	2.99	9.72	8.57	1.81
Roiesine	40.789*	Max WS	APP_Tr200_D0.5	67.83	367.38	369.28	370.06	371.68	0.024955	7.72	4.05	3.12	11.36	9.39	1.84
Roiesine	40.526*	Max WS	APP_TR200_D1	79.16	367.11	369.19	370.03	371.78	0.024266	8.13	4.16	3.20	13.00	10.38	1.84
Roiesine	40.526*	Max WS	APP_TR200_D2	70.46	367.11	369.08	369.91	371.50	0.024209	7.80	4.03	3.11	11.87	9.75	1.82
Roiesine	40.526*	Max WS	APP_TR200_D3	55.39	367.11	368.86	369.59	370.95	0.024079	7.16	3.77	2.98	9.86	8.59	1.78
Roiesine	40.526*	Max WS	APP_Tr200_D0.5	67.83	367.11	369.04	369.85	371.41	0.024169	7.70	3.99	3.08	11.52	9.55	1.82
Roiesine	40.263*	Max WS	APP_TR200_D1	79.16	366.85	368.97	369.78	371.49	0.023207	8.06	4.07	3.23	13.25	10.47	1.81
Roiesine	40.263*	Max WS	APP_TR200_D2	70.46	366.85	368.85	369.65	371.21	0.023058	7.73	3.94	3.11	12.11	9.87	1.79
Roiesine	40.263*	Max WS	APP_TR200_D3	55.39	366.85	368.64	369.33	370.66	0.022631	7.07	3.69	2.93	10.09	8.71	1.74
Roiesine	40.263*	Max WS	APP_Tr200_D0.5	67.83	366.85	368.82	369.61	371.12	0.022976	7.62	3.89	3.08	11.76	9.68	1.78
Roiesine	40	Max WS	APP_TR200_D1	79.16	366.59	368.75	369.54	371.16	0.021748	7.94	3.94	3.08	13.71	11.06	1.76
Roiesine	40	Max WS	APP_TR200_D2	70.46	366.59	368.64	369.39	370.89	0.021456	7.61	3.80	2.97	12.54	10.38	1.73
Roiesine	40	Max WS	APP_TR200_D3	55.39	366.59	368.43	369.13	370.34	0.020669	6.92	3.54	2.79	10.48	9.07	1.67
Roiesine	40	Max WS	APP_Tr200_D0.5	67.83	366.59	368.61	369.34	370.80	0.021349	7.50	3.76	2.93	12.18	10.17	1.72
Roiesine	39.99			Lat Struct											
Roiesine	39.98			Lat Struct											
Roiesine	39.600*	Max WS	APP_TR200_D1	79.16	366.45	368.58	369.27	370.67	0.019724	7.30	3.76	2.71	14.48	11.94	1.65
Roiesine	39.600*	Max WS	APP_TR200_D2	70.46	366.45	368.48	369.16	370.43	0.019539	7.01	3.64	2.59	13.23	11.24	1.63
Roiesine	39.600*	Max WS	APP_TR200_D3	55.39	366.45	368.27	368.86	369.94	0.018968	6.39	3.39	2.41	11.05	9.88	1.58
Roiesine	39.600*	Max WS	APP_Tr200_D0.5	67.83	366.45	368.44	369.11	370.35	0.019468	6.91	3.60	2.56	12.85	11.01	1.62
Roiesine	39.200*	Max WS	APP_TR200_D1	79.16	366.31	368.43	369.07	370.26	0.018004	6.76	3.60	2.64	15.12	12.04	1.56
Roiesine	39.200*	Max WS	APP_TR200_D2	70.45	366.31	368.33	368.88	370.03	0.017863	6.48	3.48	2.49	13.86	11.50	1.54
Roiesine	39.200*	Max WS	APP_TR200_D3	55.39	366.31	368.12	368.59	369.58	0.017481	5.92	3.24	2.20	11.63	10.49	1.49
Roiesine	39.200*	Max WS	APP_Tr200_D0.5	67.82	366.31	368.29	368.83	369.95	0.017809	6.39	3.44	2.45	13.48	11.34	1.53
Roiesine	38.800*	Max WS	APP_TR200_D1	79.15	366.18	368.29	368.78	369.89	0.016436	6.28	3.45	2.36	15.98	12.92	1.47
Roiesine	38.800*	Max WS	APP_TR200_D2	70.45	366.18	368.19	368.66	369.67	0.016370	6.03	3.33	2.21	14.65	12.38	1.45
Roiesine	38.800*	Max WS	APP_TR200_D3	55.39	366.18	367.99	368.39	369.27	0.016207	5.53	3.09	1.90	12.27	11.35	1.42
Roiesine	38.800*	Max WS	APP_Tr200_D0.5	67.82	366.18	368.16	368.62	369.61	0.016371	5.95	3.29	2.16	14.24	12.21	1.45
Roiesine	38.400*	Max WS	APP_TR200_D1	79.15	366.04	368.17	368.62	369.53	0.014682	5.79	3.26	1.75	17.45	15.99	1.38
Roiesine	38.400*	Max WS	APP_TR200_D2	70.45	366.04	368.06	368.51	369.35	0.014818	5.59	3.16	1.64	15.82	14.86	1.37
Roiesine	38.400*	Max WS	APP_TR200_D3	55.39	366.04	367.86	368.22	368.99	0.014967	5.17	2.95	1.42	13.04	12.96	1.35
Roiesine	38.400*	Max WS	APP_Tr200_D0.5	67.81	366.04	368.03	368.47	369.29	0.014865	5.53	3.13	1.61	15.33	14.49	1.37
Roiesine	38	Max WS	APP_TR200_D1	79.15	365.90	368.06	368.42	369.20	0.012907	5.33	3.08	1.66	18.88	17.49	1.28
Roiesine	38	Max WS	APP_TR200_D2	70.44	365.90	367.95	368.31	369.04	0.013178	5.17	2.99	1.51	17.06	16.44	1.28
Roiesine	38	Max WS	APP_TR200_D3	55.39	365.90	367.75	368.04	368.73	0.013665	4.82	2.81	1.18	13.92	14.46	1.28
Roiesine	38	Max WS	APP_Tr200_D0.5	67.81	365.90	367.92	368.27	368.99	0.013273	5.11	2.96	1.46	16.51	16.11	1.28
Roiesine	37.500*	Max WS	APP_TR200_D1	79.15	365.70	367.95	368.22	368.93	0.010355	5.11	2.86	1.97	21.00	18.76	1.17
Roiesine	37.500*	Max WS	APP_TR200_D2	70.44	365.70	367.84	368.08	368.78	0.010559	4.97	2.78	1.83	18.99	17.89	1.17
Roiesine	37.500*	Max WS	APP_TR200_D3	55.39	365.70	367.63	367.86	368.49	0.010917	4.66	2.62	1.54	15.46	16.12	1.17
Roiesine	37.500*	Max WS	APP_Tr200_D0.5	67.81	365.70	367.80	368.04	368.73	0.010645	4.92	2.76	1.79	18.37	17.61	1.17
Roiesine	37.000*	Max WS	APP_TR200_D1	78.78	365.51	367.86	367.96	368.59	0.007439	4.66	2.53	2.11	24.56	20.28	1.02
Roiesine	37.000*	Max WS	APP_TR200_D2	70.37	365.51	367.75	367.86	368.46	0.007661	4.56	2.48	1.97	22.32	19.85	1.02
Roiesine	37.000*	Max WS	APP_TR200_D3	55.39	365.51	367.54	367.67	368.21	0.008044	4.34	2.36	1.64	18.22	19.04	1.03

HEC-RAS River: Roiesine Reach: Roiesine Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Roiesine	37.000*	Max WS	APP_Tr200_D0.5	67.78	365.51	367.71	367.83	368.42	0.007742	4.53	2.46	1.92	21.61	19.71	1.03
Roiesine	36.500*	Max WS	APP_TR200_D1	77.29	365.32	367.80		368.36	0.005376	4.27	2.26	2.27	26.95	18.97	0.89
Roiesine	36.500*	Max WS	APP_TR200_D2	69.28	365.32	367.68		368.22	0.005408	4.14	2.19	2.16	24.83	18.53	0.88
Roiesine	36.500*	Max WS	APP_TR200_D3	55.23	365.32	367.47		367.95	0.005458	3.89	2.05	1.94	20.97	17.70	0.87
Roiesine	36.500*	Max WS	APP_Tr200_D0.5	66.87	365.32	367.65		368.17	0.005430	4.10	2.17	2.13	24.17	18.39	0.88
Roiesine	36	Max WS	APP_TR200_D1	73.09	365.12	367.78		368.14	0.003340	3.63	1.88	2.07	31.21	19.84	0.72
Roiesine	36	Max WS	APP_TR200_D2	66.21	365.12	367.66		368.01	0.003382	3.54	1.83	2.00	28.93	19.39	0.72
Roiesine	36	Max WS	APP_TR200_D3	53.87	365.12	367.45		367.76	0.003437	3.36	1.73	1.85	24.78	18.53	0.71
Roiesine	36	Max WS	APP_Tr200_D0.5	64.09	365.12	367.63		367.97	0.003395	3.52	1.82	1.97	28.21	19.24	0.72
Roiesine	35	Max WS	APP_TR200_D1	71.53	365.13	367.86	367.14	368.08	0.001986	2.83	1.59	1.78	37.28	20.00	0.56
Roiesine	35	Max WS	APP_TR200_D2	64.96	365.13	367.74	367.06	367.95	0.001999	2.75	1.53	1.73	34.89	20.00	0.55
Roiesine	35	Max WS	APP_TR200_D3	53.14	365.13	367.51	366.90	367.71	0.002031	2.60	1.38	1.63	30.36	20.00	0.55
Roiesine	35	Max WS	APP_Tr200_D0.5	62.94	365.13	367.70	367.03	367.91	0.002004	2.73	1.50	1.71	34.13	20.00	0.55
Roiesine	34.50			Inl Struct											
Roiesine	34	Max WS	APP_TR200_D1	71.53	362.86	364.35	365.01	366.46	0.026100	6.83	3.34	3.12	12.17	11.12	1.82
Roiesine	34	Max WS	APP_TR200_D2	64.96	362.86	364.27	364.90	366.27	0.026411	6.62	3.24	3.01	11.32	10.82	1.81
Roiesine	34	Max WS	APP_TR200_D3	53.14	362.86	364.12	364.68	365.90	0.027262	6.22	3.03	2.80	9.72	10.25	1.81
Roiesine	34	Max WS	APP_Tr200_D0.5	62.94	362.86	364.25	364.86	366.21	0.026579	6.56	3.21	2.98	11.04	10.72	1.81
Roiesine	33.882*	Max WS	APP_TR200_D1	73.09	362.58	364.10	364.78	366.30	0.026755	7.00	3.41	3.22	12.22	11.07	1.85
Roiesine	33.882*	Max WS	APP_TR200_D2	66.00	362.58	364.02	364.66	366.08	0.026907	6.75	3.29	3.10	11.34	10.77	1.83
Roiesine	33.882*	Max WS	APP_TR200_D3	53.38	362.58	363.86	364.43	365.68	0.027348	6.29	3.05	2.86	9.70	10.17	1.81
Roiesine	33.882*	Max WS	APP_Tr200_D0.5	63.82	362.58	363.99	364.62	366.01	0.026981	6.68	3.25	3.06	11.06	10.67	1.83
Roiesine	33.765*	Max WS	APP_TR200_D1	73.74	362.30	363.84	364.54	366.09	0.027009	7.09	3.44	3.30	12.23	11.00	1.86
Roiesine	33.765*	Max WS	APP_TR200_D2	66.38	362.30	363.76	364.41	365.86	0.027135	6.84	3.32	3.17	11.33	10.70	1.85
Roiesine	33.765*	Max WS	APP_TR200_D3	53.46	362.30	363.60	364.18	365.44	0.027279	6.34	3.06	2.90	9.70	10.11	1.82
Roiesine	33.765*	Max WS	APP_Tr200_D0.5	64.15	362.30	363.73	364.38	365.79	0.027128	6.76	3.27	3.12	11.06	10.60	1.84
Roiesine	33.647*	Max WS	APP_TR200_D1	73.75	362.02	363.58	364.29	365.85	0.026922	7.14	3.46	3.36	12.22	10.92	1.86
Roiesine	33.647*	Max WS	APP_TR200_D2	66.38	362.02	363.50	364.16	365.62	0.027042	6.89	3.33	3.22	11.32	10.63	1.85
Roiesine	33.647*	Max WS	APP_TR200_D3	53.46	362.02	363.34	363.92	365.19	0.027144	6.38	3.07	2.95	9.69	10.04	1.81
Roiesine	33.647*	Max WS	APP_Tr200_D0.5	64.15	362.02	363.47	364.12	365.55	0.027083	6.81	3.29	3.18	11.04	10.53	1.84
Roiesine	33.530*	Max WS	APP_TR200_D1	73.75	361.74	363.32	364.04	365.61	0.026831	7.19	3.47	3.43	12.21	10.84	1.86
Roiesine	33.530*	Max WS	APP_TR200_D2	66.38	361.74	363.24	363.91	365.38	0.026919	6.94	3.34	3.28	11.31	10.55	1.85
Roiesine	33.530*	Max WS	APP_TR200_D3	53.46	361.74	363.08	363.67	364.95	0.027084	6.43	3.08	3.01	9.67	9.97	1.82
Roiesine	33.530*	Max WS	APP_Tr200_D0.5	64.15	361.74	363.21	363.87	365.31	0.026993	6.86	3.30	3.23	11.03	10.46	1.84
Roiesine	33.412*	Max WS	APP_TR200_D1	73.75	361.46	363.07	363.79	365.36	0.026733	7.24	3.49	3.49	12.20	10.76	1.86
Roiesine	33.412*	Max WS	APP_TR200_D2	66.38	361.46	362.98	363.66	365.14	0.026823	6.99	3.35	3.35	11.30	10.47	1.85
Roiesine	33.412*	Max WS	APP_TR200_D3	53.46	361.46	362.82	363.41	364.71	0.027077	6.49	3.09	3.07	9.65	9.90	1.82
Roiesine	33.412*	Max WS	APP_Tr200_D0.5	64.15	361.46	362.96	363.61	365.07	0.026858	6.90	3.31	3.30	11.02	10.38	1.84
Roiesine	33.294*	Max WS	APP_TR200_D1	73.74	361.18	362.81	363.54	365.12	0.026616	7.29	3.50	3.56	12.20	10.68	1.86
Roiesine	33.294*	Max WS	APP_TR200_D2	66.38	361.18	362.73	363.41	364.90	0.026730	7.04	3.37	3.41	11.29	10.39	1.85
Roiesine	33.294*	Max WS	APP_TR200_D3	53.46	361.18	362.56	363.16	364.47	0.026988	6.54	3.11	3.12	9.63	9.82	1.82
Roiesine	33.294*	Max WS	APP_Tr200_D0.5	64.14	361.18	362.70	363.36	364.82	0.026745	6.95	3.33	3.36	11.01	10.29	1.84
Roiesine	33.177*	Max WS	APP_TR200_D1	73.74	360.90	362.56	363.29	364.88	0.026536	7.34	3.51	3.62	12.20	10.61	1.86
Roiesine	33.177*	Max WS	APP_TR200_D2	66.38	360.90	362.47	363.16	364.65	0.026568	7.08	3.38	3.48	11.30	10.31	1.85
Roiesine	33.177*	Max WS	APP_TR200_D3	53.46	360.90	362.31	362.91	364.22	0.026837	6.58	3.12	3.18	9.63	9.75	1.82
Roiesine	33.177*	Max WS	APP_Tr200_D0.5	64.14	360.90	362.44	363.11	364.58	0.026626	7.00	3.34	3.43	11.01	10.21	1.84
Roiesine	33.059*	Max WS	APP_TR200_D1	73.74	360.62	362.30	363.04	364.64	0.026405	7.39	3.53	3.69	12.20	10.53	1.86
Roiesine	33.059*	Max WS	APP_TR200_D2	66.38	360.62	362.22	362.91	364.41	0.026417	7.13	3.40	3.54	11.30	10.23	1.85
Roiesine	33.059*	Max WS	APP_TR200_D3	53.46	360.62	362.05	362.66	363.98	0.026704	6.63	3.13	3.25	9.63	9.67	1.82
Roiesine	33.059*	Max WS	APP_Tr200_D0.5	64.14	360.62	362.19	362.86	364.34	0.026475	7.05	3.36	3.49	11.02	10.14	1.84
Roiesine	32.941*	Max WS	APP_TR200_D1	73.74	360.34	362.05	362.79	364.39	0.026211	7.44	3.54	3.75	12.22	10.46	1.86
Roiesine	32.941*	Max WS	APP_TR200_D2	66.38	360.34	361.96	362.65	364.16	0.026267	7.17	3.41	3.60	11.31	10.16	1.84
Roiesine	32.941*	Max WS	APP_TR200_D3	53.46	360.34	361.79	362.40	363.73	0.026591	6.68	3.15	3.32	9.63	9.58	1.82
Roiesine	32.941*	Max WS	APP_Tr200_D0.5	64.14	360.34	361.93	362.61	364.09	0.026303	7.09	3.37	3.56	11.03	10.06	1.84
Roiesine	32.824*	Max WS	APP_TR200_D1	73.74	360.06	361.80	362.54	364.14	0.025951	7.47	3.56	3.81	12.25	10.39	1.85
Roiesine	32.824*	Max WS	APP_TR200_D2	66.38	360.06	361.71	362.40	363.92	0.026086	7.22	3.43	3.67	11.32	10.09	1.84
Roiesine	32.824*	Max WS	APP_TR200_D3	53.46	360.06	361.54	362.15	363.49	0.026371	6.72	3.17	3.38	9.64	9.51	1.82
Roiesine	32.824*	Max WS	APP_Tr200_D0.5	64.14	360.06	361.68	362.36	363.85	0.026141	7.14	3.39	3.62	11.04	9.99	1.84
Roiesine	32.706*	Max WS	APP_TR200_D1	73.74	359.78	361.55	362.29	363.89	0.025580	7.50	3.57	3.87	12.30	10.32	1.84
Roiesine	32.706*	Max WS	APP_TR200_D2	66.38	359.78	361.46	362.15	363.66	0.025710	7.25	3.44	3.73	11.37	10.02	1.83
Roiesine	32.706*	Max WS	APP_TR200_D3	53.46	359.78	361.29	361.90	363.23	0.026053	6.75	3.18	3.45	9.67	9.44	1.81
Roiesine	32.706*	Max WS	APP_Tr200_D0.5	64.14	359.78	361.43	362.11	363.59	0.025824	7.17	3.40	3.68	11.07	9.93	1.83
Roiesine	32.589*	Max WS	APP_TR200_D1	73.74	359.50	361.31	362.04	363.62	0.025040	7.51	3.57	3.92	12.39	10.27	1.83
Roiesine	32.589*	Max WS	APP_TR200_D2	66.38	359.50	361.22	361.91	363.40	0.025211	7.26	3.44	3.78	11.44	9.96	1.82
Roiesine	32.589*	Max WS	APP_TR200_D3	53.46	359.50	361.04	361.65	362.98	0.025628	6.78	3.19	3.50	9.71	9.38	1.80
Roiesine	32.589*	Max WS	APP_Tr200_D0.5	64.14	359.50	361.19	361.86	363.33	0.025313	7.19	3.40	3.74	11.14	9.86	1.82
Roiesine	32.471*	Max WS	APP_TR200_D1	73.74	359.22	361.07	361.79	363.35	0.024233	7.50	3.57	3.95	12.53	10.23	1.81
Roiesine	32.471*	Max WS	APP_TR200_D2	66.38	359.22	360.98	361.66	363.13	0.024424	7.25	3.44	3.82	11.57	9.92	1.80
Roiesine	32.471*	Max WS	APP_TR200_D3	53.46	359.22	360.80	361.39	362.71	0.024904	6.77	3.19	3.54	9.81	9.33	1.78
Roiesine	32.471*	Max WS	APP_Tr200_D0.5	64.14	359.22	360.95	361.62	363.06	0.024543	7.18	3.40	3.77	11.26	9.82	1.79
Roiesine	32.353*	Max WS	APP_TR200_D1	73.74	358.94	360.85	361.54	363.05	0.023062	7.44	3.54	3.96	12.76	10.21	1.77
Roiesine	32.353*	Max WS	APP_TR200_D2	66.38	358.94	360.75	361.41	362.83	0.023243	7.19	3.42	3.83	11.78	9.90	1.76
Roiesine	32.353*	Max WS	APP_TR200_D3	53.46	358.94	360.56	361.15	362.42	0.023689	6.72	3.16	3.56	9.98	9.31	1.74
Roiesine	32.353*	Max WS	APP_Tr200_D0.5	64.14	358.94	360.72	361.37	362.77	0.023336	7.12	3.38	3.79	11.47	9.80	1.76
Roiesine	32.236*	Max WS	APP_TR200_D1	73.74	358.66	360.63	361.30	362.73	0.021410	7.32	3.50	3.94	13.11	10.22	1.71
Roiesine	32.236*	Max WS	APP_TR200_D2	66.38	358.66	360.53	361.17	362.52	0.021575	7.08	3.37	3.81	12.10	9.92	1.70
Roiesine	32.236*	Max WS	APP_TR200_D3	53.46	358.66	360.34	360.90	362.11	0.021871	6.61	3.12	3.55	10.27	9.32	1.68
Roiesine	32.236*	Max WS	APP_Tr200_D0.5	64.14	358.66	360.50	361.12	362.45	0.021614	7.00	3.33	3.76	11.79	9.82	1.70
Roiesine	32.118	Max WS	APP_TR200_D1	73.74	358.38	360.44	361.06	362.39	0.019269	7.12	3.42	3.87	13.63	10.28	1.63
Roiesine	32.118	Max WS	APP_TR200_D2	66.38	358.38	360.34	360.92	362.18	0.019290	6.88	3.29	3.74	12.61	9.98	1.62
Roiesine	32.118	Max WS	APP_TR200_D3	53.46	358.38	360.15	360.66	361.77	0.019288	6.39	3.03	3.47	10.76	9.40	1.59
Roiesine	32.118	Max WS	APP_Tr200_D0.5	64.14	358.38	360.30	360.88	362.11	0.019294	6.80	3.25	3.69	12.30	9.89	1.62
Roiesine	32.11			Lat Struct											
Roiesine	32.10			Lat Struct											
Roiesine	32.000*	Max WS	APP_TR200_D1	73.74	358.20	360.25	360.87	362.20	0.019288	7.13	3.42	3.88	13.64	10.31	1.64

HEC-RAS River: Roiesine Reach: Roiesine Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Roiesine	32.000*	Max WS	APP_TR200_D2	66.38	358.20	360.15	360.75	361.99	0.019274	6.88	3.29	3.74	12.63	10.00	1.62
Roiesine	32.000*	Max WS	APP_TR200_D3	53.46	358.20	359.96	360.47	361.58	0.019289	6.39	3.04	3.48	10.77	9.42	1.59
Roiesine	32.000*	Max WS	APP_Tr200_D0.5	64.14	358.20	360.12	360.70	361.92	0.019278	6.80	3.25	3.70	12.31	9.90	1.62
Roiesine	31.883*	Max WS	APP_TR200_D1	73.74	358.02	360.07	360.69	362.01	0.019303	7.13	3.41	3.88	13.66	10.35	1.64
Roiesine	31.883*	Max WS	APP_TR200_D2	66.38	358.02	359.97	360.56	361.80	0.019266	6.88	3.30	3.75	12.64	10.01	1.62
Roiesine	31.883*	Max WS	APP_TR200_D3	53.46	358.02	359.77	360.28	361.39	0.019277	6.39	3.04	3.48	10.78	9.44	1.59
Roiesine	31.883*	Max WS	APP_Tr200_D0.5	64.14	358.02	359.93	360.52	361.73	0.019270	6.80	3.26	3.70	12.33	9.92	1.62
Roiesine	31.765*	Max WS	APP_TR200_D1	73.74	357.84	359.88	360.50	361.82	0.019314	7.13	3.40	3.89	13.68	10.42	1.64
Roiesine	31.765*	Max WS	APP_TR200_D2	66.37	357.84	359.78	360.37	361.61	0.019273	6.88	3.29	3.75	12.66	10.06	1.62
Roiesine	31.765*	Max WS	APP_TR200_D3	53.46	357.84	359.59	360.10	361.20	0.019293	6.39	3.05	3.49	10.79	9.46	1.59
Roiesine	31.765*	Max WS	APP_Tr200_D0.5	64.14	357.84	359.75	360.33	361.54	0.019270	6.80	3.26	3.71	12.34	9.95	1.62
Roiesine	31.647*	Max WS	APP_TR200_D1	73.74	357.67	359.69	360.31	361.63	0.019334	7.13	3.39	3.89	13.71	10.51	1.64
Roiesine	31.647*	Max WS	APP_TR200_D2	66.37	357.67	359.59	360.18	361.42	0.019274	6.88	3.29	3.76	12.69	10.12	1.62
Roiesine	31.647*	Max WS	APP_TR200_D3	53.46	357.67	359.40	359.92	361.01	0.019267	6.39	3.06	3.49	10.82	9.48	1.59
Roiesine	31.647*	Max WS	APP_Tr200_D0.5	64.13	357.67	359.56	360.14	361.35	0.019265	6.79	3.26	3.71	12.37	10.00	1.62
Roiesine	31.530*	Max WS	APP_TR200_D1	73.74	357.49	359.51	360.13	361.44	0.019377	7.14	3.37	3.89	13.75	10.63	1.64
Roiesine	31.530*	Max WS	APP_TR200_D2	66.37	357.49	359.41	359.99	361.23	0.019298	6.88	3.27	3.76	12.72	10.22	1.62
Roiesine	31.530*	Max WS	APP_TR200_D3	53.46	357.49	359.22	359.74	360.82	0.019237	6.38	3.06	3.49	10.84	9.52	1.59
Roiesine	31.530*	Max WS	APP_Tr200_D0.5	64.13	357.49	359.38	359.93	361.16	0.019273	6.79	3.24	3.72	12.40	10.08	1.62
Roiesine	31.412*	Max WS	APP_TR200_D1	73.74	357.31	359.32	359.93	361.25	0.019394	7.14	3.34	3.89	13.80	10.78	1.64
Roiesine	31.412*	Max WS	APP_TR200_D2	66.37	357.31	359.22	359.80	361.04	0.019318	6.88	3.24	3.76	12.76	10.35	1.63
Roiesine	31.412*	Max WS	APP_TR200_D3	53.46	357.31	359.03	359.55	360.62	0.019187	6.37	3.06	3.49	10.87	9.57	1.59
Roiesine	31.412*	Max WS	APP_Tr200_D0.5	64.13	357.31	359.19	359.76	360.97	0.019299	6.80	3.21	3.72	12.43	10.21	1.62
Roiesine	31.294*	Max WS	APP_TR200_D1	73.74	357.13	359.13	359.67	361.06	0.019404	7.14	3.32	3.88	13.86	10.95	1.64
Roiesine	31.294*	Max WS	APP_TR200_D2	66.37	357.13	359.04	359.60	360.84	0.019335	6.88	3.21	3.76	12.81	10.53	1.63
Roiesine	31.294*	Max WS	APP_TR200_D3	53.46	357.13	358.85	359.35	360.43	0.019145	6.37	3.05	3.49	10.91	9.65	1.59
Roiesine	31.294*	Max WS	APP_Tr200_D0.5	64.13	357.13	359.01	359.57	360.78	0.019311	6.80	3.18	3.71	12.49	10.38	1.62
Roiesine	31.177*	Max WS	APP_TR200_D1	73.74	356.96	358.95	359.36	360.85	0.019292	7.11	3.32	3.87	13.95	11.08	1.64
Roiesine	31.177*	Max WS	APP_TR200_D2	66.37	356.96	358.85	359.37	360.65	0.019305	6.87	3.17	3.75	12.89	10.72	1.63
Roiesine	31.177*	Max WS	APP_TR200_D3	53.46	356.96	358.66	359.17	360.24	0.019110	6.36	3.00	3.49	10.97	9.82	1.59
Roiesine	31.177*	Max WS	APP_Tr200_D0.5	64.13	356.96	358.82	359.34	360.58	0.019267	6.79	3.14	3.70	12.56	10.58	1.62
Roiesine	31.059*	Max WS	APP_TR200_D1	73.74	356.78	358.76	359.41	360.64	0.019206	7.09	3.32	3.81	14.06	11.31	1.64
Roiesine	31.059*	Max WS	APP_TR200_D2	66.37	356.78	358.67	359.33	360.43	0.019133	6.84	3.17	3.72	13.00	10.88	1.62
Roiesine	31.059*	Max WS	APP_TR200_D3	53.46	356.78	358.48	358.97	360.05	0.019087	6.36	2.95	3.48	11.04	10.05	1.59
Roiesine	31.059*	Max WS	APP_Tr200_D0.5	64.12	356.78	358.64	359.05	360.37	0.019131	6.76	3.12	3.69	12.66	10.76	1.62
Roiesine	30.941*	Max WS	APP_TR200_D1	73.73	356.60	358.58	359.25	360.42	0.019030	7.06	3.32	3.73	14.23	11.62	1.63
Roiesine	30.941*	Max WS	APP_TR200_D2	66.37	356.60	358.48	359.11	360.22	0.018930	6.80	3.17	3.65	13.15	11.16	1.61
Roiesine	30.941*	Max WS	APP_TR200_D3	53.46	356.60	358.30	358.71	359.84	0.018956	6.34	2.88	3.46	11.15	10.34	1.58
Roiesine	30.941*	Max WS	APP_Tr200_D0.5	64.11	356.60	358.45	359.05	360.16	0.018932	6.73	3.12	3.62	12.81	11.01	1.61
Roiesine	30.824*	Max WS	APP_TR200_D1	73.73	356.42	358.40	359.06	360.21	0.018805	7.02	3.33	3.59	14.48	12.14	1.62
Roiesine	30.824*	Max WS	APP_TR200_D2	66.37	356.42	358.30	358.88	360.00	0.018578	6.75	3.17	3.53	13.38	11.56	1.60
Roiesine	30.824*	Max WS	APP_TR200_D3	53.46	356.42	358.12	358.68	359.63	0.018616	6.28	2.88	3.40	11.31	10.60	1.57
Roiesine	30.824*	Max WS	APP_Tr200_D0.5	64.10	356.42	358.27	358.84	359.94	0.018570	6.67	3.12	3.52	13.02	11.37	1.59
Roiesine	30.706*	Max WS	APP_TR200_D1	73.76	356.25	358.22	358.82	360.00	0.018701	7.01	3.34	3.30	14.89	13.29	1.62
Roiesine	30.706*	Max WS	APP_TR200_D2	66.38	356.25	358.13	358.67	359.78	0.018219	6.70	3.17	3.32	13.74	12.34	1.58
Roiesine	30.706*	Max WS	APP_TR200_D3	53.46	356.25	357.94	358.45	359.40	0.018050	6.21	2.87	3.29	11.57	10.99	1.55
Roiesine	30.706*	Max WS	APP_Tr200_D0.5	64.10	356.25	358.09	358.63	359.71	0.018137	6.61	3.12	3.33	13.36	12.04	1.58
Roiesine	30.588*	Max WS	APP_TR200_D1	74.06	356.07	358.04	358.58	359.69	0.017498	6.80	3.26	3.28	15.49	13.72	1.57
Roiesine	30.588*	Max WS	APP_TR200_D2	66.59	356.07	357.95	358.46	359.52	0.017441	6.59	3.14	3.12	14.31	13.34	1.55
Roiesine	30.588*	Max WS	APP_TR200_D3	53.53	356.07	357.77	358.23	359.16	0.017320	6.11	2.86	3.09	11.97	11.69	1.52
Roiesine	30.588*	Max WS	APP_Tr200_D0.5	64.22	356.07	357.92	358.42	359.47	0.017470	6.52	3.10	3.08	13.90	13.17	1.55
Roiesine	30.471*	Max WS	APP_TR200_D1	74.58	355.89	357.88	358.36	359.36	0.015758	6.51	3.14	3.29	16.30	13.96	1.49
Roiesine	30.471*	Max WS	APP_TR200_D2	67.00	355.89	357.80	358.23	359.19	0.015551	6.28	3.01	3.13	15.12	13.60	1.47
Roiesine	30.471*	Max WS	APP_TR200_D3	53.80	355.89	357.61	358.01	358.91	0.016181	5.96	2.82	2.86	12.63	12.79	1.47
Roiesine	30.471*	Max WS	APP_Tr200_D0.5	64.55	355.89	357.77	358.20	359.14	0.015542	6.21	2.97	3.08	14.71	13.47	1.47
Roiesine	30.353*	Max WS	APP_TR200_D1	74.58	355.71	357.74	358.13	359.02	0.013408	6.09	2.97	3.23	17.40	14.22	1.38
Roiesine	30.353*	Max WS	APP_TR200_D2	67.00	355.71	357.66	358.00	358.84	0.013052	5.84	2.84	3.06	16.23	13.88	1.35
Roiesine	30.353*	Max WS	APP_TR200_D3	53.80	355.71	357.46	357.78	358.56	0.013534	5.54	2.65	2.81	13.62	13.11	1.35
Roiesine	30.353*	Max WS	APP_Tr200_D0.5	64.55	355.71	357.63	357.96	358.79	0.012986	5.77	2.80	3.01	15.82	13.76	1.35
Roiesine	30.235*	Max WS	APP_TR200_D1	74.58	355.53	357.62	357.90	358.68	0.010859	5.60	2.80	3.10	18.83	14.40	1.25
Roiesine	30.235*	Max WS	APP_TR200_D2	67.00	355.53	357.55	357.77	358.52	0.010396	5.34	2.64	2.94	17.70	14.14	1.21
Roiesine	30.235*	Max WS	APP_TR200_D3	53.80	355.53	357.35	357.55	358.23	0.010598	5.03	2.45	2.71	14.98	13.43	1.20
Roiesine	30.235*	Max WS	APP_Tr200_D0.5	64.53	355.53	357.52	357.72	358.46	0.010292	5.26	2.60	2.89	17.29	14.04	1.21
Roiesine	30.118*	Max WS	APP_TR200_D1	74.58	355.36	357.53	357.66	358.40	0.008493	5.10	2.60	2.95	20.56	14.53	1.11
Roiesine	30.118*	Max WS	APP_TR200_D2	67.00	355.36	357.46	357.54	358.24	0.007958	4.82	2.45	2.78	19.49	14.31	1.07
Roiesine	30.118*	Max WS	APP_TR200_D3	53.62	355.36	357.26	357.32	357.94	0.007827	4.47	2.23	2.54	16.72	13.72	1.04
Roiesine	30.118*	Max WS	APP_Tr200_D0.5	64.49	355.36	357.43	357.49	358.18	0.007813	4.74	2.40	2.72	19.09	14.22	1.06
Roiesine	30	Max WS	APP_TR200_D1	74.15	355.18	357.46	357.42	358.15	0.006389	4.58	2.42	2.76	22.52	14.20	0.97
Roiesine	30	Max WS	APP_TR200_D2	66.88	355.18	357.39		358.01	0.005928	4.32	2.26	2.59	21.54	14.20	0.93
Roiesine	30	Max WS	APP_TR200_D3	53.38	355.18	357.19		357.72	0.005600	3.94	2.02	2.34	18.78	13.90	0.89
Roiesine	30	Max WS	APP_Tr200_D0.5	64.30	355.18	357.36		357.96	0.005775	4.23	2.21	2.53	21.16	14.20	0.92
Roiesine	29.250*	Max WS	APP_TR200_D1	73.32	355.02	357.42		357.88	0.004136	3.80	2.09	2.32	26.97	16.08	0.79
Roiesine	29.250*	Max WS	APP_TR200_D2	66.56	355.02	357.35		357.77	0.003842	3.59	1.96	2.19	25.91	16.08	0.76
Roiesine	29.250*	Max WS	APP_TR200_D3	53.97	355.02	357.16		357.52	0.003657	3.31	1.77	1.98	22.87	16.08	0.73
Roiesine	29.250*	Max WS	APP_Tr200_D0.5	64.43	355.02	357.33		357.73	0.003760	3.53	1.93	2.15	25.53	16.08	0.75
Roiesine	28.500*	Max WS	APP_TR200_D1	72.50	354.86	357.47		357.76	0.002351	3.02	1.73	1.88	33.57	17.97	0.60
Roiesine	28.500*	Max WS	APP_TR200_D2	66.25	354.86	357.41		357.67	0.002188	2.86	1.63	1.78	32.38	17.97	0.58
Roiesine	28.500*	Max WS	APP_TR200_D3	53.85	354.86	357.21		357.43	0.002043	2.62	1.47	1.61	28.86	17.97	0.55
Roiesine	28.500*	Max WS	APP_Tr200_D0.5	64.13	354.86	357.38		357.63	0.002138	2.81	1.60	1.74	31.93	17.97	0.57
Roiesine	27.750*	Max WS	APP_TR200_D1	71.12	354.70	357.54		357.72	0.001349	2.42	1.42	1.53	41.24	19.85	0.46
Roiesine	27.750*	Max WS	APP_TR200_D2	65.57	354.70	357.47		357.63	0.001286	2.31	1.36	1.46	39.71	19.85	0.45
Roiesine	27.750*	Max WS	APP_TR200_D3	53.80	354.70	357.26		357.40	0.001210	2.13	1.23	1.33	35.54	19.85	0.43
Roiesine	27.750*	Max WS	APP_Tr200_D0.5	63.66	354.70	357.44		357.60	0.001266	2.28	1.33	1.43	39.14	19.85	0.45
Roiesine	27	Max WS	APP_TR200_D1	67.92	354.54	357.60		357.72	0.000778	1.92	1.16	1.23	49.50	21.74	0.36
Roiesine	27	Max WS	APP_TR200_D2	63.43	354.54	357.52		357.62	0.000764	1.87	1.12	1.19	47.60	21.74	0.35
Roiesine	27	Max WS	APP_TR200_D3	53.26	354.54	357.29		357.38	0.000750	1.75	1.04	1.11	42.70	21.74	0.34
Roiesine	27	Max WS	APP_Tr200_D0.5	61.85	354.54	357.48		357.59	0.000759	1.85	1.11	1.18	46.91	21.74	0.35

HEC-RAS River: Roiesine Reach: Roiesine Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Roiesine	26.500*	Max WS	APP_TR200_D1	64.69	354.54	357.62		357.72	0.000690	1.82	1.09	1.16	49.87	21.74	0.33
Roiesine	26.500*	Max WS	APP_TR200_D2	60.89	354.54	357.53		357.63	0.000691	1.78	1.07	1.13	47.89	21.74	0.33
Roiesine	26.500*	Max WS	APP_TR200_D3	51.99	354.54	357.30		357.38	0.000708	1.71	1.01	1.08	42.82	21.74	0.33
Roiesine	26.500*	Max WS	APP_Tr200_D0.5	59.54	354.54	357.50		357.59	0.000692	1.77	1.06	1.13	47.17	21.74	0.33
Roiesine	26	Max WS	APP_TR200_D1	60.50	354.54	357.64	356.34	357.73	0.000586	1.68	1.01	1.08	50.35	21.74	0.31
Roiesine	26	Max WS	APP_TR200_D2	57.46	354.54	357.55	356.29	357.63	0.000601	1.67	1.00	1.06	48.27	21.74	0.31
Roiesine	26	Max WS	APP_TR200_D3	50.03	354.54	357.31	356.18	357.39	0.000646	1.63	0.97	1.03	43.04	21.74	0.32
Roiesine	26	Max WS	APP_Tr200_D0.5	56.37	354.54	357.51	356.27	357.60	0.000606	1.66	1.00	1.06	47.52	21.74	0.31
Roiesine	25.50			Bridge											
Roiesine	25	Max WS	APP_TR200_D1	60.50	354.54	356.87		357.07	0.001995	2.56	1.45	1.57	33.65	21.74	0.54
Roiesine	25	Max WS	APP_TR200_D2	57.46	354.54	356.82		357.01	0.002004	2.52	1.42	1.54	32.47	21.74	0.54
Roiesine	25	Max WS	APP_TR200_D3	50.03	354.54	356.68		356.86	0.002033	2.43	1.34	1.46	29.49	21.74	0.54
Roiesine	25	Max WS	APP_Tr200_D0.5	56.37	354.54	356.80		356.99	0.002007	2.51	1.41	1.53	32.05	21.74	0.54
Roiesine	24.000*	Max WS	APP_TR200_D1	60.37	354.54	356.87		357.07	0.001988	2.55	1.45	1.56	33.64	21.74	0.54
Roiesine	24.000*	Max WS	APP_TR200_D2	57.37	354.54	356.82		357.01	0.002000	2.52	1.42	1.53	32.46	21.74	0.54
Roiesine	24.000*	Max WS	APP_TR200_D3	50.01	354.54	356.68		356.86	0.002038	2.43	1.34	1.46	29.46	21.74	0.54
Roiesine	24.000*	Max WS	APP_Tr200_D0.5	56.29	354.54	356.80		356.99	0.002005	2.51	1.41	1.52	32.03	21.74	0.54
Roiesine	23	Max WS	APP_TR200_D1	60.25	354.54	356.87	356.33	357.07	0.001981	2.55	1.45	1.56	33.63	21.74	0.54
Roiesine	23	Max WS	APP_TR200_D2	57.28	354.54	356.82	356.29	357.01	0.001996	2.51	1.42	1.53	32.45	21.74	0.54
Roiesine	23	Max WS	APP_TR200_D3	49.99	354.54	356.68	356.18	356.86	0.002045	2.44	1.34	1.46	29.42	21.74	0.54
Roiesine	23	Max WS	APP_Tr200_D0.5	56.21	354.54	356.80	356.27	356.99	0.002003	2.50	1.41	1.52	32.01	21.74	0.54
Roiesine	22.50			Inl Struct											
Roiesine	22	Max WS	APP_TR200_D1	60.25	353.20	355.14	355.73	356.75	0.021540	6.17	4.19	1.39	11.53	10.51	1.51
Roiesine	22	Max WS	APP_TR200_D2	57.24	353.20	355.12	355.67	356.61	0.020120	5.93	4.03	1.31	11.37	10.37	1.45
Roiesine	22	Max WS	APP_TR200_D3	49.99	353.20	354.99	355.46	356.39	0.020855	5.71	3.94	0.99	10.05	9.14	1.46
Roiesine	22	Max WS	APP_Tr200_D0.5	56.21	353.20	355.11	355.65	356.57	0.019843	5.86	3.99	1.28	11.26	10.28	1.44
Roiesine	21.667*	Max WS	APP_TR200_D1	60.25	353.19	355.11	355.32	356.19	0.013223	4.75	2.62		13.57	9.79	1.22
Roiesine	21.667*	Max WS	APP_TR200_D2	57.22	353.19	355.09	355.27	356.09	0.012258	4.56	2.51		13.44	9.76	1.17
Roiesine	21.667*	Max WS	APP_TR200_D3	49.97	353.19	354.96	355.13	355.89	0.012495	4.39	2.39		12.14	9.48	1.17
Roiesine	21.667*	Max WS	APP_Tr200_D0.5	56.19	353.19	355.08	355.25	356.06	0.012062	4.51	2.48		13.35	9.74	1.16
Roiesine	21.333*	Max WS	APP_TR200_D1	60.25	353.18	355.09	355.10	355.82	0.008836	3.83	1.50		16.14	11.54	1.00
Roiesine	21.333*	Max WS	APP_TR200_D2	57.20	353.18	355.08	355.05	355.75	0.008166	3.66	1.44		16.00	11.52	0.96
Roiesine	21.333*	Max WS	APP_TR200_D3	49.96	353.18	354.94	354.92	355.57	0.008418	3.53	1.33		14.45	11.24	0.96
Roiesine	21.333*	Max WS	APP_Tr200_D0.5	56.17	353.18	355.07	355.03	355.73	0.008035	3.62	1.42		15.89	11.50	0.95
Roiesine	21	Max WS	APP_TR200_D1	60.25	353.17	355.07		355.59	0.006316	3.17	0.26		18.99	13.06	0.84
Roiesine	21	Max WS	APP_TR200_D2	57.17	353.17	355.06		355.53	0.005823	3.04	0.24		18.85	13.05	0.80
Roiesine	21	Max WS	APP_TR200_D3	49.94	353.17	354.93		355.36	0.006042	2.92	0.19		17.08	12.86	0.81
Roiesine	21	Max WS	APP_Tr200_D0.5	56.14	353.17	355.05		355.51	0.005728	3.00	0.24		18.73	13.03	0.80
Roiesine	20.500*	Max WS	APP_TR200_D1	60.25	352.93	355.02		355.49	0.005641	3.05	0.51		19.81	14.31	0.81
Roiesine	20.500*	Max WS	APP_TR200_D2	57.02	352.93	355.01		355.44	0.005122	2.90	0.48		19.72	14.29	0.77
Roiesine	20.500*	Max WS	APP_TR200_D3	49.75	352.93	354.87		355.27	0.005322	2.80	0.27		17.78	13.71	0.78
Roiesine	20.500*	Max WS	APP_Tr200_D0.5	55.93	352.93	355.00		355.42	0.005018	2.86	0.46		19.60	14.25	0.76
Roiesine	20	Max WS	APP_TR200_D1	60.25	352.70	354.98	354.47	355.29	0.003230	2.49	0.40		24.41	17.13	0.63
Roiesine	20	Max WS	APP_TR200_D2	56.69	352.70	354.98	354.41	355.26	0.002864	2.35	0.38		24.40	17.13	0.59
Roiesine	20	Max WS	APP_TR200_D3	50.18	352.70	354.84	354.28	355.10	0.002895	2.27	0.16		22.14	15.55	0.59
Roiesine	20	Max WS	APP_Tr200_D0.5	56.40	352.70	354.97	354.40	355.25	0.002872	2.35	0.37		24.28	17.12	0.59
Roiesine	19.5			Inl Struct											
Roiesine	19	Max WS	APP_TR200_D1	60.25	349.43	352.36		352.79	0.003910	2.90			20.79	10.70	0.66
Roiesine	19	Max WS	APP_TR200_D2	58.23	349.43	352.28		352.71	0.004087	2.92			19.96	10.54	0.68
Roiesine	19	Max WS	APP_TR200_D3	50.18	349.43	352.06		352.47	0.004247	2.84			17.68	10.11	0.69
Roiesine	19	Max WS	APP_Tr200_D0.5	56.33	349.43	352.24		352.66	0.004071	2.89			19.51	10.46	0.68
Roiesine	18.875*	Max WS	APP_TR200_D1	60.24	349.36	352.29		352.71	0.003796	2.87			20.97	10.69	0.65
Roiesine	18.875*	Max WS	APP_TR200_D2	57.93	349.36	352.21		352.63	0.003954	2.88			20.09	10.52	0.67
Roiesine	18.875*	Max WS	APP_TR200_D3	50.08	349.36	351.99		352.39	0.004138	2.82			17.78	10.08	0.68
Roiesine	18.875*	Max WS	APP_Tr200_D0.5	56.23	349.36	352.17		352.59	0.003958	2.86			19.65	10.44	0.67
Roiesine	18.750*	Max WS	APP_TR200_D1	60.24	349.28	352.23		352.64	0.003674	2.84			21.20	10.70	0.64
Roiesine	18.750*	Max WS	APP_TR200_D2	57.83	349.28	352.15		352.56	0.003825	2.85			20.28	10.52	0.66
Roiesine	18.750*	Max WS	APP_TR200_D3	50.03	349.28	351.92		352.31	0.004022	2.79			17.92	10.05	0.67
Roiesine	18.750*	Max WS	APP_Tr200_D0.5	56.16	349.28	352.10		352.51	0.003835	2.83			19.83	10.43	0.66
Roiesine	18.625*	Max WS	APP_TR200_D1	60.24	349.20	352.18		352.58	0.003543	2.81			21.46	10.72	0.63
Roiesine	18.625*	Max WS	APP_TR200_D2	57.80	349.20	352.09		352.49	0.003690	2.82			20.52	10.54	0.64
Roiesine	18.625*	Max WS	APP_TR200_D3	50.00	349.20	351.85		352.24	0.003898	2.76			18.10	10.05	0.66
Roiesine	18.625*	Max WS	APP_Tr200_D0.5	56.15	349.20	352.04		352.44	0.003711	2.80			20.05	10.45	0.65
Roiesine	18.500*	Max WS	APP_TR200_D1	60.24	349.12	352.12		352.51	0.003405	2.77			21.78	10.78	0.62
Roiesine	18.500*	Max WS	APP_TR200_D2	57.77	349.12	352.03		352.42	0.003556	2.78			20.79	10.58	0.63
Roiesine	18.500*	Max WS	APP_TR200_D3	49.99	349.12	351.79		352.17	0.003765	2.73			18.31	10.07	0.65
Roiesine	18.500*	Max WS	APP_Tr200_D0.5	56.14	349.12	351.98		352.37	0.003577	2.76			20.31	10.48	0.63
Roiesine	18.375*	Max WS	APP_TR200_D1	60.23	349.05	352.07		352.45	0.003259	2.72			22.14	10.85	0.61
Roiesine	18.375*	Max WS	APP_TR200_D2	57.71	349.05	351.97		352.36	0.003408	2.73			21.11	10.64	0.62
Roiesine	18.375*	Max WS	APP_TR200_D3	49.99	349.05	351.73		352.10	0.003630	2.69			18.56	10.11	0.63
Roiesine	18.375*	Max WS	APP_Tr200_D0.5	56.14	349.05	351.93		352.31	0.003435	2.72			20.62	10.54	0.62
Roiesine	18.250*	Max WS	APP_TR200_D1	60.23	348.97	352.02		352.39	0.003104	2.67			22.57	10.96	0.59
Roiesine	18.250*	Max WS	APP_TR200_D2	57.59	348.97	351.93		352.29	0.003236	2.68			21.51	10.74	0.60
Roiesine	18.250*	Max WS	APP_TR200_D3	49.99	348.97	351.67		352.03	0.003477	2.65			18.87	10.18	0.62
Roiesine	18.250*	Max WS	APP_Tr200_D0.5	56.13	348.97	351.88		352.24	0.003282	2.67			20.99	10.63	0.61
Roiesine	18.249			Lat Struct											
Roiesine	18.248			Lat Struct											
Roiesine	18.125*	Max WS	APP_TR200_D1	60.23	348.89	351.98		352.33	0.002936	2.61			23.09	11.10	0.58
Roiesine	18.125*	Max WS	APP_TR200_D2	57.66	348.89	351.88		352.23	0.003090	2.63			21.94	10.86	0.59
Roiesine	18.125*	Max WS	APP_TR200_D3	49.99	348.89	351.62		351.97	0.003310	2.60			19.25	10.28	0.61
Roiesine	18.125*	Max WS	APP_Tr200_D0.5	56.13	348.89	351.83		352.18	0.003114	2.62			21.44	10.76	0.59
Roiesine	18	Max WS	APP_TR200_D1	60.64	348.81	351.93	351.12	352.27	0.002832	2.57			23.59	11.26	0.57
Roiesine	18	Max WS	APP_TR200_D2	57.64	348.81	351.84	351.06	352.17	0.002909	2.56			22.49	11.03	0.57
Roiesine	18	Max WS	APP_TR200_D3	50.00	348.81	351.58	350.88	351.90	0.003134	2.54			19.69	10.42	0.59
Roiesine	18	Max WS	APP_Tr200_D0.5	56.19	348.81	351.79	351.03	352.12	0.002951	2.56			21.95	10.91	0.58

HEC-RAS River: Roiesine Reach: Roiesine Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Roiesine	17.5			Bridge											
Roiesine	17.40	Max WS	APP_TR200_D1	60.64	348.99	350.55	351.17	352.67	0.024902	6.44	0.33	0.74	9.53	7.09	1.77
Roiesine	17.40	Max WS	APP_TR200_D2	57.63	348.99	350.51	351.11	352.55	0.025178	6.33	0.32	0.73	9.21	7.09	1.77
Roiesine	17.40	Max WS	APP_TR200_D3	50.00	348.99	350.40	350.94	352.23	0.025523	6.01	0.30	0.70	8.41	7.07	1.75
Roiesine	17.40	Max WS	APP_Tr200_D0.5	56.19	348.99	350.49	351.07	352.49	0.025240	6.28	0.32	0.73	9.06	7.09	1.76
Roiesine	17	Max WS	APP_TR200_D1	60.65	349.01	350.51	351.05	352.30	0.020261	6.03	1.08	2.39	10.77	8.25	1.61
Roiesine	17	Max WS	APP_TR200_D2	57.63	349.01	350.46	350.99	352.19	0.020413	5.92	1.06	2.35	10.39	8.21	1.61
Roiesine	17	Max WS	APP_TR200_D3	50.00	349.01	350.35	350.81	351.91	0.020485	5.61	0.97	2.23	9.47	8.13	1.59
Roiesine	17	Max WS	APP_Tr200_D0.5	56.19	349.01	350.44	350.96	352.14	0.020427	5.87	1.04	2.33	10.22	8.20	1.60
Roiesine	16.90	Max WS	APP_TR200_D1	60.72	349.01	350.48	351.05	352.35	0.021815	6.16	1.10	2.48	10.54	8.27	1.66
Roiesine	16.90	Max WS	APP_TR200_D2	57.63	349.01	350.43	350.99	352.24	0.022002	6.05	1.07	2.44	10.16	8.23	1.66
Roiesine	16.90	Max WS	APP_TR200_D3	50.00	349.01	350.32	350.80	351.95	0.022257	5.75	0.98	2.33	9.24	8.14	1.65
Roiesine	16.90	Max WS	APP_Tr200_D0.5	56.19	349.01	350.41	350.96	352.19	0.022043	6.00	1.06	2.42	9.99	8.22	1.66
Roiesine	16.675*	Max WS	APP_TR200_D1	60.72	348.69	350.15	350.65	351.82	0.018788	5.77	0.98	1.88	11.05	8.38	1.55
Roiesine	16.675*	Max WS	APP_TR200_D2	57.59	348.69	350.10	350.57	351.71	0.019003	5.67	0.94	1.85	10.64	8.36	1.55
Roiesine	16.675*	Max WS	APP_TR200_D3	49.99	348.69	349.98	350.41	351.45	0.019375	5.40	0.85	1.76	9.67	8.29	1.54
Roiesine	16.675*	Max WS	APP_Tr200_D0.5	56.19	348.69	350.08	350.54	351.66	0.019046	5.62	0.93	1.83	10.47	8.34	1.54
Roiesine	16.450*	Max WS	APP_TR200_D1	60.72	348.36	349.88	350.25	351.29	0.015100	5.29	0.85	1.29	11.91	8.59	1.39
Roiesine	16.450*	Max WS	APP_TR200_D2	57.56	348.36	349.82	350.18	351.19	0.015310	5.20	0.82	1.26	11.46	8.57	1.40
Roiesine	16.450*	Max WS	APP_TR200_D3	49.99	348.36	349.70	350.02	350.94	0.015699	4.95	0.75	1.20	10.41	8.49	1.39
Roiesine	16.450*	Max WS	APP_Tr200_D0.5	56.19	348.36	349.80	350.15	351.14	0.015355	5.15	0.81	1.25	11.28	8.56	1.39
Roiesine	16.225*	Max WS	APP_TR200_D1	60.72	348.03	349.66	349.88	350.80	0.011195	4.72	0.76	0.72	13.20	8.82	1.21
Roiesine	16.225*	Max WS	APP_TR200_D2	57.53	348.03	349.61	349.82	350.70	0.011322	4.64	0.74	0.70	12.72	8.81	1.21
Roiesine	16.225*	Max WS	APP_TR200_D3	49.99	348.03	349.48	349.67	350.47	0.011544	4.41	0.69	0.66	11.59	8.78	1.20
Roiesine	16.225*	Max WS	APP_Tr200_D0.5	56.19	348.03	349.59	349.79	350.66	0.011339	4.60	0.73	0.70	12.53	8.81	1.21
Roiesine	16	Max WS	APP_TR200_D1	60.72	347.71	349.51	349.54	350.38	0.007725	4.13	0.68	0.10	14.96	9.10	1.02
Roiesine	16	Max WS	APP_TR200_D2	57.51	347.71	349.46	349.47	350.29	0.007746	4.04	0.66	0.10	14.46	9.10	1.01
Roiesine	16	Max WS	APP_TR200_D3	49.99	347.71	349.33	349.33	350.07	0.007755	3.83	0.61	0.09	13.27	9.10	1.00
Roiesine	16	Max WS	APP_Tr200_D0.5	56.19	347.71	349.44	349.45	350.25	0.007733	4.00	0.65	0.10	14.26	9.10	1.01
Roiesine	15.833*	Max WS	APP_TR200_D1	60.72	347.56	349.36	349.38	350.22	0.007550	4.11	0.67	0.10	15.01	9.02	1.01
Roiesine	15.833*	Max WS	APP_TR200_D2	57.48	347.56	349.31	349.32	350.13	0.007552	4.03	0.66	0.10	14.52	9.02	1.00
Roiesine	15.833*	Max WS	APP_TR200_D3	49.99	347.56	349.18	349.17	349.91	0.007547	3.81	0.62	0.09	13.33	9.02	0.99
Roiesine	15.833*	Max WS	APP_Tr200_D0.5	56.18	347.56	349.29	349.29	350.10	0.007549	3.99	0.65	0.10	14.32	9.02	1.00
Roiesine	15.667*	Max WS	APP_TR200_D1	60.72	347.41	349.22	349.22	350.07	0.007357	4.10	0.67	0.10	15.08	8.94	1.00
Roiesine	15.667*	Max WS	APP_TR200_D2	57.48	347.41	349.16	349.16	349.98	0.007349	4.01	0.65	0.10	14.59	8.94	0.99
Roiesine	15.667*	Max WS	APP_TR200_D3	49.99	347.41	349.03	349.01	349.76	0.007306	3.78	0.61	0.09	13.42	8.94	0.98
Roiesine	15.667*	Max WS	APP_Tr200_D0.5	56.18	347.41	349.14	349.14	349.94	0.007340	3.97	0.65	0.10	14.39	8.94	0.99
Roiesine	15.500*	Max WS	APP_TR200_D1	60.71	347.27	349.08	349.06	349.92	0.007137	4.07	0.66	0.09	15.16	8.86	0.99
Roiesine	15.500*	Max WS	APP_TR200_D2	57.47	347.27	349.02	349.00	349.83	0.007116	3.98	0.65	0.09	14.68	8.86	0.98
Roiesine	15.500*	Max WS	APP_TR200_D3	49.99	347.27	348.90	348.86	349.61	0.007021	3.75	0.61	0.09	13.54	8.86	0.96
Roiesine	15.500*	Max WS	APP_Tr200_D0.5	56.18	347.27	349.00	348.98	349.79	0.007098	3.94	0.64	0.09	14.49	8.86	0.98
Roiesine	15.333*	Max WS	APP_TR200_D1	60.71	347.12	348.94	348.91	349.77	0.006909	4.05	0.65	0.09	15.26	8.78	0.97
Roiesine	15.333*	Max WS	APP_TR200_D2	57.46	347.12	348.89	348.85	349.68	0.006865	3.95	0.64	0.09	14.78	8.78	0.96
Roiesine	15.333*	Max WS	APP_TR200_D3	49.99	347.12	348.76	348.70	349.46	0.006716	3.71	0.60	0.09	13.67	8.78	0.94
Roiesine	15.333*	Max WS	APP_Tr200_D0.5	56.18	347.12	348.87	348.82	349.65	0.006840	3.91	0.63	0.09	14.60	8.78	0.96
Roiesine	15.167*	Max WS	APP_TR200_D1	60.70	346.97	348.81	348.76	349.63	0.006644	4.01	0.64	0.09	15.39	8.70	0.96
Roiesine	15.167*	Max WS	APP_TR200_D2	57.45	346.97	348.76	348.70	349.54	0.006583	3.92	0.63	0.09	14.92	8.70	0.95
Roiesine	15.167*	Max WS	APP_TR200_D3	49.99	346.97	348.63		349.32	0.006363	3.67	0.59	0.08	13.85	8.70	0.92
Roiesine	15.167*	Max WS	APP_Tr200_D0.5	56.18	346.97	348.74	348.68	349.50	0.006548	3.87	0.62	0.09	14.75	8.70	0.94
Roiesine	15	Max WS	APP_TR200_D1	60.69	346.83	348.68	348.61	349.49	0.006353	3.97	0.63	0.09	15.54	8.62	0.94
Roiesine	15	Max WS	APP_TR200_D2	57.45	346.83	348.63		349.39	0.006266	3.87	0.62	0.09	15.09	8.62	0.93
Roiesine	15	Max WS	APP_TR200_D3	49.99	346.83	348.52		349.18	0.005964	3.61	0.58	0.08	14.08	8.62	0.89
Roiesine	15	Max WS	APP_Tr200_D0.5	56.18	346.83	348.61		349.36	0.006217	3.83	0.61	0.09	14.93	8.62	0.92
Roiesine	14.99			Lat Struct											
Roiesine	14.91	Max WS	APP_TR200_D1	60.67	346.58	348.63		349.28	0.004430	3.57	0.49	0.08	17.28	8.62	0.80
Roiesine	14.91	Max WS	APP_TR200_D2	57.45	346.58	348.58		349.19	0.004321	3.46	0.47	0.08	16.84	8.62	0.78
Roiesine	14.91	Max WS	APP_TR200_D3	49.99	346.58	348.47		348.99	0.003990	3.20	0.43	0.07	15.85	8.62	0.75
Roiesine	14.91	Max WS	APP_Tr200_D0.5	56.18	346.58	348.56		349.16	0.004270	3.42	0.47	0.08	16.67	8.62	0.78
Roiesine	14.683*	Max WS	APP_TR200_D1	60.52	346.38	348.55		349.20	0.004160	3.59	0.69	0.09	17.47	9.31	0.78
Roiesine	14.683*	Max WS	APP_TR200_D2	57.44	346.38	348.50		349.11	0.004050	3.49	0.65	0.08	17.02	9.19	0.77
Roiesine	14.683*	Max WS	APP_TR200_D3	49.99	346.38	348.39		348.91	0.003660	3.20	0.56	0.08	16.05	8.95	0.72
Roiesine	14.683*	Max WS	APP_Tr200_D0.5	56.18	346.38	348.48		349.08	0.003988	3.44	0.63	0.08	16.85	9.15	0.76
Roiesine	14.455*	Max WS	APP_TR200_D1	60.07	346.17	348.47		349.10	0.003796	3.56	1.02	0.09	18.10	9.69	0.75
Roiesine	14.455*	Max WS	APP_TR200_D2	57.44	346.17	348.42		349.02	0.003734	3.48	0.98	0.09	17.65	9.63	0.74
Roiesine	14.455*	Max WS	APP_TR200_D3	49.99	346.17	348.32		348.83	0.003296	3.18	0.86	0.08	16.74	9.50	0.69
Roiesine	14.455*	Max WS	APP_Tr200_D0.5	56.18	346.17	348.40		348.99	0.003664	3.43	0.96	0.09	17.49	9.60	0.74
Roiesine	14.44			Lat Struct											
Roiesine	14.228*	Max WS	APP_TR200_D1	53.82	345.97	348.41		348.89	0.002707	3.14	0.98	0.09	19.50	11.75	0.64
Roiesine	14.228*	Max WS	APP_TR200_D2	51.70	345.97	348.39		348.84	0.002616	3.06	0.94	0.09	19.16	11.75	0.63
Roiesine	14.228*	Max WS	APP_TR200_D3	47.11	345.97	348.32		348.73	0.002411	2.89	0.85	0.08	18.41	11.75	0.60
Roiesine	14.228*	Max WS	APP_Tr200_D0.5	50.97	345.97	348.38		348.82	0.002585	3.03	0.93	0.09	19.04	11.75	0.63
Roiesine	14	Max WS	APP_TR200_D1	40.54	345.77	348.57	347.44	348.75	0.000938	2.02	0.87	0.06	24.35	12.17	0.39
Roiesine	14	Max WS	APP_TR200_D2	39.63	345.77	348.54	347.41	348.71	0.000936	2.01	0.86	0.06	23.97	12.16	0.39
Roiesine	14	Max WS	APP_TR200_D3	37.58	345.77	348.46	347.36	348.63	0.000942	1.97	0.83	0.06	23.04	12.16	0.39
Roiesine	14	Max WS	APP_Tr200_D0.5	39.31	345.77	348.52	347.40	348.70	0.000937	2.00	0.85	0.06	23.83	12.16	0.39
Roiesine	13.5			Inl Struct											
Roiesine	13	Max WS	APP_TR200_D1	40.11	345.01	347.26		347.68	0.002649	2.93	0.92	0.22	15.10	8.70	0.63
Roiesine	13	Max WS	APP_TR200_D2	39.50	345.01	347.02		347.54	0.003766	3.25	1.19	0.25	13.12	7.30	0.73
Roiesine	13	Max WS	APP_TR200_D3	37.58	345.01	346.63	346.61	347.37	0.007073	3.86	1.41	0.29	10.36	7.02	0.97
Roiesine	13	Max WS	APP_Tr200_D0.5	38.60	345.01	346.81		347.43	0.005182	3.54	1.29	0.27	11.65	7.15	0.84
Roiesine	12.750*	Max WS	APP_TR200_D1	40.11	344.85	347.27		347.59	0.001821	2.56	0.89	0.17	17.44	9.14	0.53
Roiesine	12.750*	Max WS	APP_TR200_D2	39.49	344.85	346.98		347.39	0.002785	2.90	1.04	0.20	14.83	8.27	0.64
Roiesine	12.750*	Max WS	APP_TR200_D3	37.58	344.85	346.53		347.15	0.005661	3.54	1.35	0.24	11.32	7.42	0.87
Roiesine	12.750*	Max WS	APP_Tr200_D0.5	38.58	344.85	346.74		347.25	0.003994	3.22	1.19	0.22	12.90	7.71	0.75

HEC-RAS River: Roiesine Reach: Roiesine Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Roiesine	12.500*	Max WS	APP_TR200_D1	40.11	344.68	347.30		347.55	0.001269	2.25	0.82	0.13	20.01	9.72	0.44
Roiesine	12.500*	Max WS	APP_TR200_D2	39.49	344.68	346.99		347.31	0.001920	2.55	0.93	0.15	17.10	8.96	0.54
Roiesine	12.500*	Max WS	APP_TR200_D3	37.58	344.68	346.45		346.96	0.004378	3.21	1.26	0.19	12.52	7.98	0.77
Roiesine	12.500*	Max WS	APP_Tr200_D0.5	38.56	344.68	346.71		347.11	0.002899	2.86	1.08	0.17	14.65	8.49	0.64
Roiesine	12.250*	Max WS	APP_TR200_D1	40.11	344.52	347.33		347.52	0.000936	2.02	0.63	0.09	22.86	12.18	0.39
Roiesine	12.250*	Max WS	APP_TR200_D2	39.49	344.52	347.02		347.26	0.001340	2.24	0.85	0.10	19.59	9.56	0.45
Roiesine	12.250*	Max WS	APP_TR200_D3	37.58	344.52	346.40		346.81	0.003259	2.88	1.13	0.13	14.09	8.73	0.67
Roiesine	12.250*	Max WS	APP_Tr200_D0.5	38.57	344.52	346.72		347.02	0.001962	2.49	1.03	0.11	16.93	8.78	0.54
Roiesine	12	Max WS	APP_TR200_D1	40.11	344.35	347.35	345.85	347.50	0.000672	1.79	0.63	0.05	26.06	12.20	0.33
Roiesine	12	Max WS	APP_TR200_D2	39.49	344.35	347.04	345.84	347.24	0.000990	2.02	0.62	0.05	22.28	12.20	0.39
Roiesine	12	Max WS	APP_TR200_D3	37.57	344.35	346.40	345.79	346.71	0.002205	2.51	1.08	0.07	16.27	9.01	0.56
Roiesine	12	Max WS	APP_Tr200_D0.5	38.57	344.35	346.75	345.82	346.98	0.001347	2.18	0.95	0.06	19.41	9.05	0.45
Roiesine	11.5			Inl Struct											
Roiesine	11	Max WS	APP_TR200_D1	40.12	343.58	347.25		347.36	0.000368	1.52	0.47	0.04	30.66	12.20	0.25
Roiesine	11	Max WS	APP_TR200_D2	39.48	343.58	346.96		347.09	0.000478	1.64	0.55	0.04	27.14	10.15	0.28
Roiesine	11	Max WS	APP_TR200_D3	37.57	343.58	346.24		346.43	0.000983	2.00	0.75	0.05	20.56	8.99	0.39
Roiesine	11	Max WS	APP_Tr200_D0.5	38.57	343.58	346.69		346.83	0.000601	1.73	0.66	0.04	24.62	9.04	0.31
Roiesine	10.99			Lat Struct											
Roiesine	10.70	Max WS	APP_TR200_D1	54.32	343.50	347.10		347.29	0.000679	1.92	0.39	0.01	30.89	12.87	0.34
Roiesine	10.70	Max WS	APP_TR200_D2	51.30	343.50	346.81		347.01	0.000848	2.02	0.32	0.01	27.10	12.77	0.37
Roiesine	10.70	Max WS	APP_TR200_D3	44.72	343.50	346.08		346.35	0.001627	2.33	0.47	0.01	19.83	11.85	0.49
Roiesine	10.70	Max WS	APP_Tr200_D0.5	48.55	343.50	346.52		346.75	0.001054	2.11	0.46	0.01	23.95	12.08	0.41
Roiesine	10.633*	Max WS	APP_TR200_D1	62.55	343.21	347.01		347.23	0.000736	2.12	0.57	0.02	33.10	12.65	0.36
Roiesine	10.633*	Max WS	APP_TR200_D2	58.02	343.21	346.72		346.96	0.000859	2.17	0.51	0.02	29.48	12.54	0.38
Roiesine	10.633*	Max WS	APP_TR200_D3	48.60	343.21	346.02		346.29	0.001380	2.35	0.61	0.03	21.69	8.99	0.46
Roiesine	10.633*	Max WS	APP_Tr200_D0.5	54.15	343.21	346.44		346.69	0.001034	2.25	0.42	0.03	25.95	12.53	0.41
Roiesine	10.567*	Max WS	APP_TR200_D1	62.73	342.92	347.02		347.22	0.000575	2.01	0.62	0.03	35.84	12.42	0.32
Roiesine	10.567*	Max WS	APP_TR200_D2	58.26	342.92	346.74		346.94	0.000655	2.05	0.58	0.03	32.30	12.30	0.34
Roiesine	10.567*	Max WS	APP_TR200_D3	48.66	342.92	346.04		346.27	0.000960	2.15	0.66	0.03	24.20	9.21	0.40
Roiesine	10.567*	Max WS	APP_Tr200_D0.5	54.30	342.92	346.46		346.67	0.000762	2.09	0.53	0.03	28.87	12.27	0.36
Roiesine	10.5	Max WS	APP_TR200_D1	62.57	342.63	347.03		347.21	0.000483	1.96	0.62	0.04	37.34	12.19	0.30
Roiesine	10.5	Max WS	APP_TR200_D2	58.26	342.63	346.74		346.93	0.000543	1.98	0.58	0.04	33.85	12.06	0.31
Roiesine	10.5	Max WS	APP_TR200_D3	48.66	342.63	346.05		346.25	0.000721	2.02	0.69	0.04	26.40	8.99	0.35
Roiesine	10.5	Max WS	APP_Tr200_D0.5	54.29	342.63	346.46		346.66	0.000614	2.02	0.54	0.04	30.54	11.90	0.33
Roiesine	10	Max WS	APP_TR200_D1	61.56	342.60	346.99	344.94	347.22	0.000789	2.12	0.42	0.03	31.89	11.93	0.35
Roiesine	10	Max WS	APP_TR200_D2	57.86	342.60	346.70	344.86	346.94	0.000926	2.18	0.43	0.02	28.44	11.58	0.37
Roiesine	10	Max WS	APP_TR200_D3	48.75	342.60	345.99	344.64	346.27	0.001100	2.32			21.03	11.55	0.42
Roiesine	10	Max WS	APP_Tr200_D0.5	54.34	342.60	346.41	344.78	346.67	0.001077	2.25	0.29		25.13	11.57	0.39
Roiesine	9.5			Bridge											
Roiesine	9	Max WS	APP_TR200_D1	61.56	342.88	345.60		346.16	0.002623	3.32			18.53	11.36	0.64
Roiesine	9	Max WS	APP_TR200_D2	57.86	342.88	345.51		346.04	0.002598	3.23			17.91	11.36	0.64
Roiesine	9	Max WS	APP_TR200_D3	48.75	342.88	345.26		345.72	0.002565	3.01			16.22	11.35	0.62
Roiesine	9	Max WS	APP_Tr200_D0.5	54.34	342.88	345.41		345.92	0.002585	3.15			17.27	11.36	0.63
Roiesine	8.99			Lat Struct											
Roiesine	8.9	Max WS	APP_TR200_D1	62.29	342.88	345.79	344.36	345.97	0.001326	1.88	0.31		34.94	24.65	0.35
Roiesine	8.9	Max WS	APP_TR200_D2	58.50	342.88	345.70	344.30	345.87	0.001320	1.84	0.18		32.59	24.64	0.35
Roiesine	8.9	Max WS	APP_TR200_D3	49.24	342.88	345.44	344.15	345.59	0.001253	1.72			28.68	11.36	0.35
Roiesine	8.9	Max WS	APP_Tr200_D0.5	54.91	342.88	345.60	344.24	345.76	0.001297	1.80	0.07		30.61	15.12	0.35
Roiesine	8.5			Inl Struct											
Roiesine	8	Max WS	APP_TR200_D1	61.02	341.20	343.36		343.89	0.005884	3.25	0.99		19.09	10.17	0.73
Roiesine	8	Max WS	APP_TR200_D2	58.16	341.20	343.29		343.81	0.005997	3.21	0.93		18.36	10.17	0.74
Roiesine	8	Max WS	APP_TR200_D3	49.22	341.20	343.09		343.56	0.006083	3.04	0.64		16.33	10.17	0.73
Roiesine	8	Max WS	APP_Tr200_D0.5	54.90	341.20	343.18		343.70	0.006460	3.22	0.81		17.23	10.17	0.76
Roiesine	7.99			Lat Struct											
Roiesine	7.5000*	Max WS	APP_TR200_D1	61.10	341.11	343.32		343.89	0.006174	3.33	0.16		18.33	10.15	0.79
Roiesine	7.5000*	Max WS	APP_TR200_D2	58.16	341.11	343.25		343.81	0.006337	3.30	0.15		17.62	10.15	0.80
Roiesine	7.5000*	Max WS	APP_TR200_D3	49.22	341.11	343.05		343.56	0.006689	3.16	0.11		15.58	10.12	0.81
Roiesine	7.5000*	Max WS	APP_Tr200_D0.5	54.90	341.11	343.13		343.70	0.007011	3.34	0.13		16.45	10.13	0.84
Roiesine	7	Max WS	APP_TR200_D1	60.72	341.02	343.30	342.75	343.64	0.003167	2.58	0.07		23.54	12.37	0.60
Roiesine	7	Max WS	APP_TR200_D2	58.16	341.02	343.22	342.71	343.56	0.003369	2.58	0.07		22.51	12.37	0.61
Roiesine	7	Max WS	APP_TR200_D3	49.22	341.02	343.02	342.56	343.33	0.003577	2.46	0.05		20.01	12.36	0.62
Roiesine	7	Max WS	APP_Tr200_D0.5	54.90	341.02	343.10	342.66	343.45	0.003759	2.61	0.06		21.05	12.36	0.64
Roiesine	6.5			Bridge											
Roiesine	6	Max WS	APP_TR200_D1	60.79	341.00	343.36		343.64	0.001954	2.35		1.25	26.29	12.82	0.51
Roiesine	6	Max WS	APP_TR200_D2	58.16	341.00	343.28		343.56	0.002028	2.33		1.21	25.30	12.81	0.52
Roiesine	6	Max WS	APP_TR200_D3	49.22	341.00	343.07		343.32	0.002090	2.20		1.03	22.63	12.80	0.52
Roiesine	6	Max WS	APP_Tr200_D0.5	54.90	341.00	343.17		343.44	0.002201	2.34		1.15	23.82	12.80	0.53
Roiesine	5.7500*	Max WS	APP_TR200_D1	61.40	340.95	343.29		343.64	0.003322	2.66		1.00	23.75	13.19	0.60
Roiesine	5.7500*	Max WS	APP_TR200_D2	58.63	340.95	343.21		343.57	0.003442	2.64		0.95	22.75	13.18	0.61
Roiesine	5.7500*	Max WS	APP_TR200_D3	49.34	340.95	343.01		343.33	0.003535	2.51		0.76	20.06	13.14	0.62
Roiesine	5.7500*	Max WS	APP_Tr200_D0.5	54.90	340.95	343.10		343.45	0.003669	2.64		0.88	21.30	13.15	0.63
Roiesine	5.5000*	Max WS	APP_TR200_D1	62.03	340.89	343.23		343.69	0.004557	3.00		0.83	21.22	13.52	0.70
Roiesine	5.5000*	Max WS	APP_TR200_D2	59.02	340.89	343.16		343.61	0.004688	2.97		0.72	20.28	13.49	0.71
Roiesine	5.5000*	Max WS	APP_TR200_D3	49.49	340.89	342.97		343.37	0.004828	2.82		0.25	17.65	13.41	0.72
Roiesine	5.5000*	Max WS	APP_Tr200_D0.5	54.90	340.89	343.06		343.50	0.004923	2.94		0.52	18.91	13.45	0.73
Roiesine	5.2500*	Max WS	APP_TR200_D1	62.71	340.84	343.19		343.76	0.005823	3.33	0.66	0.14	18.99	12.96	0.80
Roiesine	5.2500*	Max WS	APP_TR200_D2	59.54	340.84	343.12		343.68	0.006014	3.29	0.58		18.15	11.35	0.81
Roiesine	5.2500*	Max WS	APP_TR200_D3	49.75	340.84	342.93		343.42	0.006230	3.12	0.29		15.96	10.93	0.82
Roiesine	5.2500*	Max WS	APP_Tr200_D0.5	54.91	340.84	343.02		343.55	0.006261	3.24	0.45		16.98	11.13	0.82
Roiesine	5	Max WS	APP_TR200_D1	63.58	340.78	343.15		343.80	0.006646	3.59	1.24		18.17	11.54	0.86
Roiesine	5	Max WS	APP_TR200_D2	60.23	340.78	343.07		343.71	0.006783	3.56	1.19		17.34	11.30	0.87
Roiesine	5	Max WS	APP_TR200_D3	50.14	340.78	342.88		343.45	0.006812	3.36	0.99		15.18	10.64	0.86
Roiesine	5	Max WS	APP_Tr200_D0.5	54.99	340.78	342.97		343.58	0.006856	3.47	1.09		16.18	10.95	0.87

HEC-RAS River: Roiesine Reach: Roiesine Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Roiesine	4.8571*	Max WS	APP_TR200_D1	63.78	340.65	343.09	342.99	343.78	0.006939	3.71	1.37		17.81	11.47	0.89
Roiesine	4.8571*	Max WS	APP_TR200_D2	60.37	340.65	343.01	342.92	343.69	0.007085	3.67	1.31		16.97	11.21	0.89
Roiesine	4.8571*	Max WS	APP_TR200_D3	50.17	340.65	342.82		343.42	0.007082	3.46	1.11		14.82	10.51	0.88
Roiesine	4.8571*	Max WS	APP_Tr200_D0.5	54.98	340.65	342.91		343.55	0.007130	3.57	1.21		15.81	10.84	0.89
Roiesine	4.7143*	Max WS	APP_TR200_D1	63.77	340.51	343.03	342.97	343.75	0.007011	3.81	1.49	0.40	17.55	12.30	0.90
Roiesine	4.7143*	Max WS	APP_TR200_D2	60.36	340.51	342.95	342.90	343.66	0.007303	3.78	1.43	0.24	16.63	11.54	0.91
Roiesine	4.7143*	Max WS	APP_TR200_D3	50.16	340.51	342.75	342.68	343.39	0.007390	3.57	1.23		14.49	10.43	0.90
Roiesine	4.7143*	Max WS	APP_Tr200_D0.5	54.98	340.51	342.85	342.79	343.53	0.007452	3.68	1.33		15.46	10.77	0.91
Roiesine	4.5714*	Max WS	APP_TR200_D1	63.77	340.38	342.97	342.95	343.72	0.006994	3.92	1.60	0.78	17.47	12.64	0.91
Roiesine	4.5714*	Max WS	APP_TR200_D2	60.37	340.38	342.89	342.88	343.64	0.007320	3.90	1.56	0.63	16.48	12.24	0.92
Roiesine	4.5714*	Max WS	APP_TR200_D3	50.16	340.38	342.69	342.66	343.37	0.007632	3.69	1.35	0.25	14.20	10.69	0.92
Roiesine	4.5714*	Max WS	APP_Tr200_D0.5	54.98	340.38	342.78	342.76	343.50	0.007539	3.80	1.46	0.45	15.22	11.42	0.93
Roiesine	4.4286*	Max WS	APP_TR200_D1	63.77	340.24	342.90	342.92	343.69	0.006988	4.03	1.73	1.08	17.46	12.65	0.91
Roiesine	4.4286*	Max WS	APP_TR200_D2	60.36	340.24	342.82	342.86	343.61	0.007340	4.02	1.68	0.98	16.44	12.29	0.93
Roiesine	4.4286*	Max WS	APP_TR200_D3	50.17	340.24	342.62	342.63	343.34	0.007660	3.81	1.49	0.64	14.06	11.24	0.93
Roiesine	4.4286*	Max WS	APP_Tr200_D0.5	54.98	340.24	342.71	342.75	343.47	0.007573	3.92	1.59	0.80	15.13	11.81	0.93
Roiesine	4.2857*	Max WS	APP_TR200_D1	63.77	340.11	342.84	342.88	343.65	0.006994	4.13	1.85	1.33	17.51	12.58	0.92
Roiesine	4.2857*	Max WS	APP_TR200_D2	60.36	340.11	342.76	342.81	343.57	0.007366	4.13	1.81	1.26	16.46	12.24	0.93
Roiesine	4.2857*	Max WS	APP_TR200_D3	50.16	340.11	342.55	342.61	343.30	0.007693	3.92	1.62	0.96	14.04	11.41	0.94
Roiesine	4.2857*	Max WS	APP_Tr200_D0.5	54.98	340.11	342.65	342.71	343.43	0.007613	4.04	1.72	1.11	15.13	11.79	0.94
Roiesine	4.1429*	Max WS	APP_TR200_D1	63.76	339.98	342.78	342.83	343.60	0.007030	4.24	1.98	1.56	17.61	12.47	0.92
Roiesine	4.1429*	Max WS	APP_TR200_D2	60.36	339.98	342.69	342.77	343.52	0.007431	4.24	1.95	1.50	16.52	12.13	0.94
Roiesine	4.1429*	Max WS	APP_TR200_D3	50.17	339.98	342.49	342.56	343.26	0.007748	4.04	1.76	1.26	14.09	11.35	0.94
Roiesine	4.1429*	Max WS	APP_Tr200_D0.5	54.98	339.98	342.58	342.67	343.39	0.007688	4.15	1.86	1.38	15.17	11.70	0.94
Roiesine	4	Max WS	APP_TR200_D1	63.76	339.84	342.72	342.78	343.55	0.007125	4.33	2.11	1.78	17.75	12.34	0.91
Roiesine	4	Max WS	APP_TR200_D2	60.36	339.84	342.63	342.71	343.47	0.007556	4.34	2.09	1.73	16.63	12.00	0.93
Roiesine	4	Max WS	APP_TR200_D3	50.16	339.84	342.42	342.51	343.20	0.007863	4.14	1.91	1.51	14.18	11.24	0.94
Roiesine	4	Max WS	APP_Tr200_D0.5	54.98	339.84	342.51	342.61	343.33	0.007816	4.26	2.00	1.63	15.26	11.59	0.94
Roiesine	3.9286*	Max WS	APP_TR200_D1	63.76	339.73	342.66	342.68	343.44	0.006567	4.22	2.00	1.76	18.22	12.49	0.88
Roiesine	3.9286*	Max WS	APP_TR200_D2	60.36	339.73	342.56	342.61	343.36	0.006999	4.23	1.98	1.72	17.04	12.14	0.90
Roiesine	3.9286*	Max WS	APP_TR200_D3	50.16	339.73	342.35	342.41	343.10	0.007262	4.04	1.80	1.52	14.54	11.36	0.90
Roiesine	3.9286*	Max WS	APP_Tr200_D0.5	54.98	339.73	342.44	342.51	343.23	0.007239	4.16	1.89	1.63	15.64	11.71	0.91
Roiesine	3.8571*	Max WS	APP_TR200_D1	63.76	339.62	342.60	342.58	343.34	0.006044	4.10	1.90	1.75	18.76	12.67	0.85
Roiesine	3.8571*	Max WS	APP_TR200_D2	60.35	339.62	342.50	342.51	343.26	0.006464	4.12	1.87	1.72	17.52	12.30	0.87
Roiesine	3.8571*	Max WS	APP_TR200_D3	50.17	339.62	342.29	342.30	342.99	0.006693	3.92	1.70	1.52	14.96	11.50	0.87
Roiesine	3.8571*	Max WS	APP_Tr200_D0.5	54.98	339.62	342.38	342.40	343.12	0.006688	4.04	1.79	1.63	16.07	11.85	0.88
Roiesine	3.7857*	Max WS	APP_TR200_D1	63.74	339.51	342.55	342.48	343.25	0.005617	4.00	1.81	1.61	19.38	13.40	0.82
Roiesine	3.7857*	Max WS	APP_TR200_D2	60.35	339.51	342.44	342.41	343.16	0.005958	4.00	1.78	1.71	18.06	12.49	0.84
Roiesine	3.7857*	Max WS	APP_TR200_D3	50.16	339.51	342.23	342.20	342.89	0.006147	3.80	1.61	1.53	15.44	11.67	0.84
Roiesine	3.7857*	Max WS	APP_Tr200_D0.5	54.98	339.51	342.32	342.30	343.02	0.006166	3.92	1.70	1.62	16.57	12.03	0.85
Roiesine	3.7143*	Max WS	APP_TR200_D1	63.75	339.40	342.50	342.32	343.17	0.005256	3.90	1.74	1.42	20.13	14.88	0.79
Roiesine	3.7143*	Max WS	APP_TR200_D2	60.36	339.40	342.39	342.31	343.07	0.005544	3.89	1.70	1.60	18.67	13.15	0.81
Roiesine	3.7143*	Max WS	APP_TR200_D3	50.17	339.40	342.17	342.10	342.80	0.005642	3.68	1.52	1.53	15.97	11.86	0.80
Roiesine	3.7143*	Max WS	APP_Tr200_D0.5	54.98	339.40	342.27	342.20	342.92	0.005672	3.80	1.61	1.62	17.12	12.23	0.81
Roiesine	3.6429*	Max WS	APP_TR200_D1	63.75	339.30	342.45	342.24	343.09	0.004861	3.78	1.66	1.30	21.08	16.46	0.76
Roiesine	3.6429*	Max WS	APP_TR200_D2	60.35	339.30	342.34	342.16	342.99	0.005164	3.79	1.63	1.46	19.40	14.25	0.78
Roiesine	3.6429*	Max WS	APP_TR200_D3	50.16	339.30	342.13		342.70	0.005162	3.55	1.44	1.53	16.57	12.09	0.77
Roiesine	3.6429*	Max WS	APP_Tr200_D0.5	54.98	339.30	342.22	342.10	342.84	0.005250	3.69	1.54	1.54	17.74	12.78	0.78
Roiesine	3.5714*	Max WS	APP_TR200_D1	63.60	339.19	342.41		342.98	0.004356	3.61	1.56	1.37	22.12	16.45	0.72
Roiesine	3.5714*	Max WS	APP_TR200_D2	60.35	339.19	342.30	342.09	342.90	0.004813	3.68	1.56	1.30	20.29	16.01	0.75
Roiesine	3.5714*	Max WS	APP_TR200_D3	50.16	339.19	342.08		342.62	0.004752	3.44	1.38	1.45	17.24	12.69	0.74
Roiesine	3.5714*	Max WS	APP_Tr200_D0.5	54.98	339.19	342.18		342.75	0.004841	3.56	1.46	1.48	18.46	13.42	0.75
Roiesine	3.5000	Max WS	APP_TR200_D1	63.04	339.08	342.38		342.88	0.003832	3.41	1.46	1.40	23.25	16.46	0.68
Roiesine	3.5000	Max WS	APP_TR200_D2	60.28	339.08	342.26		342.80	0.004343	3.52	1.47	1.35	21.32	16.24	0.72
Roiesine	3.5000	Max WS	APP_TR200_D3	50.16	339.08	342.04		342.54	0.004348	3.31	1.31	1.41	18.01	13.27	0.71
Roiesine	3.5000	Max WS	APP_Tr200_D0.5	54.97	339.08	342.13		342.67	0.004521	3.47	1.41	1.31	19.32	15.06	0.72
Roiesine	3.4833*	Max WS	APP_TR200_D1	62.49	339.04	342.35		342.86	0.003934	3.43	1.46	1.39	22.85	16.41	0.68
Roiesine	3.4833*	Max WS	APP_TR200_D2	60.18	339.04	342.23		342.80	0.004562	3.58	1.49	1.34	20.87	16.19	0.73
Roiesine	3.4833*	Max WS	APP_TR200_D3	50.16	339.04	342.01		342.53	0.004572	3.36	1.32	1.44	17.65	13.06	0.72
Roiesine	3.4833*	Max WS	APP_Tr200_D0.5	54.98	339.04	342.10		342.66	0.004734	3.52	1.42	1.37	18.89	14.46	0.74
Roiesine	3.4667*	Max WS	APP_TR200_D1	62.07	338.99	342.32		342.85	0.004071	3.46	1.47	1.38	22.42	16.36	0.69
Roiesine	3.4667*	Max WS	APP_TR200_D2	60.15	338.99	342.20	342.00	342.79	0.004821	3.64	1.50	1.33	20.40	16.13	0.75
Roiesine	3.4667*	Max WS	APP_TR200_D3	50.16	338.99	341.98		342.51	0.004829	3.42	1.33	1.47	17.26	12.83	0.74
Roiesine	3.4667*	Max WS	APP_Tr200_D0.5	54.97	338.99	342.07		342.65	0.004968	3.57	1.42	1.46	18.46	13.82	0.75
Roiesine	3.45	Max WS	APP_TR200_D1	61.77	338.95	342.29	342.04	342.86	0.004461	3.76	1.87	1.39	21.98	16.50	0.72
Roiesine	3.45	Max WS	APP_TR200_D2	60.15	338.95	342.17	342.04	342.82	0.005316	3.97	1.95	1.39	19.89	15.70	0.78
Roiesine	3.45	Max WS	APP_TR200_D3	50.16	338.95	341.95	341.83	342.54	0.005287	3.74	1.77	1.52	16.86	12.60	0.77
Roiesine	3.45	Max WS	APP_Tr200_D0.5	54.97	338.95	342.03	341.94	342.67	0.005427	3.88	1.87	1.58	18.01	13.23	0.78
Roiesine	3.40			Bridge											
Roiesine	3.3333	Max WS	APP_TR200_D1	61.77	338.82	341.71	341.72	342.56	0.008254	4.29	1.52	1.96	16.78	12.81	0.95
Roiesine	3.3333	Max WS	APP_TR200_D2	60.15	338.82	341.70	341.72	342.52	0.008036	4.22	1.49	1.93	16.60	12.73	0.94
Roiesine	3.3333	Max WS	APP_TR200_D3	50.16	338.82	341.56	341.56	342.25	0.007357	3.85	1.26	1.74	14.89	11.92	0.88
Roiesine	3.3333	Max WS	APP_Tr200_D0.5	54.97	338.82	341.66	341.68	342.38	0.007219	3.95	1.37	1.80	16.13	12.51	0.88
Roiesine	3.2778*	Max WS	APP_TR200_D1	61.77	338.74	341.57	341.61	342.49	0.009563	4.47	1.49	2.09	15.96	12.48	1.01
Roiesine	3.2778*	Max WS	APP_TR200_D2	60.15	338.74	341.54	341.61	342.45	0.009638	4.44	1.46	2.07	15.58	12.31	1.01
Roiesine	3.2778*	Max WS	APP_TR200_D3	50.16	338.74	341.35	341.49	342.19	0.009949	4.22	1.21	1.92	13.35	11.21	1.01
Roiesine	3.2778*	Max WS	APP_Tr200_D0.5	54.97	338.74	341.44	341.60	342.32	0.009873	4.34	1.33	2.00	14.38	11.75	1.01
Roiesine	3.2222*	Max WS	APP_TR200_D1	61.77	338.65	341.51	341.62	342.41	0.009544	4.42	1.45	2.12	16.11	12.59	1.00
Roiesine	3.2222*	Max WS	APP_TR200_D2	60.15	338.65	341.48	341.50	342.37	0.009629	4.40	1.41	2.11	15.73	12.41	1.00
Roiesine	3.2222*	Max WS	APP_TR200_D3	50.16	338.65	341.28	341.42	342.11	0.010014	4.19	1.17	1.95	13.46	11.33	1.01
Roiesine	3.2222*	Max WS	APP_Tr200_D0.5	54.96	338.65	341.38	341.50	342.24	0.009907	4.30	1.29	2.04	14.50	11.86	1.01
Roiesine	3.1667	Max WS	APP_TR200_D1	61.77	338.57	341.44	341.68	342.33	0.009639	4.40	1.41	2.08	16.28	13.08	1.00
Roiesine	3.1667	Max WS	APP_TR200_D2	60.15	338.57	341.41	341.51	342.28	0.009666	4.36	1.37	2.12	15.88	12.62	1.00
Roiesine	3.1667	Max WS	APP_TR200_D3	50.16	338.57	341.22	341.35	342.03	0.010104	4.16	1.13	2.00	13.56	11.44	1.01
Roiesine	3.1667	Max WS	APP_Tr200_D0.5	54.97	338.57	341.31	341.40	342.15	0.009953	4.27	1.25	2.08	14.62	11.94	1.01
Roiesine	3.15			Lat Struct											

HEC-RAS River: Roiesine Reach: Roiesine Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Roiesine	3.1111*	Max WS	APP_TR200_D1	61.77	338.48	341.38	341.60	342.25	0.009789	4.38	1.37	2.07	16.41	13.46	1.00
Roiesine	3.1111*	Max WS	APP_TR200_D2	60.15	338.48	341.34	341.57	342.21	0.009851	4.35	1.33	2.10	15.98	13.01	1.00
Roiesine	3.1111*	Max WS	APP_TR200_D3	50.16	338.48	341.15	341.27	341.95	0.010310	4.14	1.09	2.06	13.61	11.51	1.01
Roiesine	3.1111*	Max WS	APP_Tr200_D0.5	54.96	338.48	341.24	341.29	342.07	0.010113	4.24	1.21	2.14	14.69	11.98	1.01
Roiesine	3.0556*	Max WS	APP_TR200_D1	61.77	338.40	341.31	341.51	342.17	0.009965	4.36	1.33	2.08	16.53	13.79	1.00
Roiesine	3.0556*	Max WS	APP_TR200_D2	60.15	338.40	341.27	341.49	342.13	0.010064	4.33	1.30	2.11	16.08	13.34	1.01
Roiesine	3.0556*	Max WS	APP_TR200_D3	50.16	338.40	341.07	341.18	341.87	0.010587	4.13	1.05	2.13	13.64	11.56	1.01
Roiesine	3.0556*	Max WS	APP_Tr200_D0.5	54.96	338.40	341.17	341.18	341.99	0.010327	4.22	1.17	2.21	14.74	12.02	1.01
Roiesine	3	Max WS	APP_TR200_D1	61.76	338.31	341.24	341.43	342.09	0.010165	4.34	1.30	2.10	16.64	14.06	1.01
Roiesine	3	Max WS	APP_TR200_D2	60.14	338.31	341.20	341.41	342.05	0.010298	4.32	1.26	2.13	16.18	13.62	1.01
Roiesine	3	Max WS	APP_TR200_D3	50.16	338.31	341.00	341.07	341.78	0.010944	4.12	1.01	2.21	13.64	11.59	1.02
Roiesine	3	Max WS	APP_Tr200_D0.5	54.95	338.31	341.09	341.17	341.91	0.010665	4.22	1.13	2.25	14.76	12.19	1.02
Roiesine	2.9167*	Max WS	APP_TR200_D1	61.76	338.24	341.15	341.37	342.00	0.009780	4.35	1.35	2.10	16.61	13.74	1.00
Roiesine	2.9167*	Max WS	APP_TR200_D2	60.14	338.24	341.11	341.33	341.96	0.009899	4.33	1.32	2.13	16.15	13.28	1.00
Roiesine	2.9167*	Max WS	APP_TR200_D3	50.16	338.24	340.90	341.01	341.70	0.010629	4.15	1.08	2.17	13.59	11.45	1.02
Roiesine	2.9167*	Max WS	APP_Tr200_D0.5	54.95	338.24	341.00	341.02	341.82	0.010293	4.23	1.19	2.25	14.71	11.92	1.01
Roiesine	2.8333*	Max WS	APP_TR200_D1	61.76	338.17	341.06	341.28	341.91	0.009376	4.36	1.41	2.09	16.64	13.47	0.98
Roiesine	2.8333*	Max WS	APP_TR200_D2	60.14	338.17	341.02	341.12	341.87	0.009484	4.33	1.38	2.13	16.17	13.00	0.99
Roiesine	2.8333*	Max WS	APP_TR200_D3	50.16	338.17	340.80	340.93	341.61	0.010294	4.17	1.14	2.12	13.56	11.35	1.01
Roiesine	2.8333*	Max WS	APP_Tr200_D0.5	54.95	338.17	340.90	340.96	341.73	0.009947	4.25	1.26	2.21	14.71	11.84	1.00
Roiesine	2.7500*	Max WS	APP_TR200_D1	61.76	338.10	340.97	341.05	341.82	0.008934	4.35	1.48	2.08	16.73	13.24	0.97
Roiesine	2.7500*	Max WS	APP_TR200_D2	60.14	338.10	340.94	340.95	341.78	0.009029	4.32	1.44	2.13	16.26	12.76	0.97
Roiesine	2.7500*	Max WS	APP_TR200_D3	50.16	338.10	340.71	340.84	341.52	0.009932	4.18	1.20	2.09	13.58	11.30	1.00
Roiesine	2.7500*	Max WS	APP_Tr200_D0.5	54.94	338.10	340.81	340.90	341.65	0.009576	4.26	1.31	2.17	14.76	11.81	0.99
Roiesine	2.6667*	Max WS	APP_TR200_D1	61.76	338.02	340.89	340.84	341.73	0.008488	4.33	1.54	2.07	16.87	13.06	0.95
Roiesine	2.6667*	Max WS	APP_TR200_D2	60.13	338.02	340.85	340.84	341.69	0.008569	4.30	1.50	2.13	16.39	12.56	0.95
Roiesine	2.6667*	Max WS	APP_TR200_D3	50.16	338.02	340.62	340.74	341.44	0.009567	4.20	1.26	2.05	13.62	11.29	0.99
Roiesine	2.6667*	Max WS	APP_Tr200_D0.5	54.93	338.02	340.72	340.84	341.56	0.009196	4.27	1.38	2.13	14.84	11.81	0.98
Roiesine	2.5833*	Max WS	APP_TR200_D1	61.76	337.95	340.81	340.78	341.64	0.008029	4.31	1.60	2.06	17.07	12.93	0.94
Roiesine	2.5833*	Max WS	APP_TR200_D2	60.14	337.95	340.77	340.78	341.60	0.008109	4.28	1.56	2.13	16.59	12.43	0.94
Roiesine	2.5833*	Max WS	APP_TR200_D3	50.16	337.95	340.53	340.66	341.35	0.009188	4.20	1.32	2.02	13.71	11.33	0.98
Roiesine	2.5833*	Max WS	APP_Tr200_D0.5	54.93	337.95	340.64	340.74	341.47	0.008795	4.26	1.45	2.09	14.97	11.80	0.97
Roiesine	2.5000*	Max WS	APP_TR200_D1	61.76	337.87	340.74	340.72	341.55	0.007578	4.27	1.66	2.04	17.33	12.86	0.92
Roiesine	2.5000*	Max WS	APP_TR200_D2	60.13	337.87	340.70	340.72	341.51	0.007678	4.25	1.62	2.09	16.83	12.45	0.92
Roiesine	2.5000*	Max WS	APP_TR200_D3	50.16	337.87	340.45	340.57	341.26	0.008789	4.19	1.40	1.99	13.84	11.34	0.96
Roiesine	2.5000*	Max WS	APP_Tr200_D0.5	54.92	337.87	340.56	340.67	341.38	0.008396	4.25	1.52	2.06	15.13	11.81	0.95
Roiesine	2.4167*	Max WS	APP_TR200_D1	61.76	337.80	340.67	340.66	341.46	0.007134	4.24	1.71	2.02	17.64	12.83	0.90
Roiesine	2.4167*	Max WS	APP_TR200_D2	60.13	337.80	340.63	340.65	341.42	0.007243	4.22	1.68	2.06	17.12	12.47	0.90
Roiesine	2.4167*	Max WS	APP_TR200_D3	50.16	337.80	340.37	340.47	341.17	0.008390	4.18	1.48	1.96	14.02	11.36	0.95
Roiesine	2.4167*	Max WS	APP_Tr200_D0.5	54.90	337.80	340.49	340.58	341.29	0.007979	4.23	1.59	2.02	15.35	11.85	0.93
Roiesine	2.3333*	Max WS	APP_TR200_D1	61.76	337.73	340.61	340.58	341.37	0.006702	4.19	1.76	1.99	18.00	12.86	0.87
Roiesine	2.3333*	Max WS	APP_TR200_D2	60.12	337.73	340.57	340.57	341.33	0.006816	4.18	1.73	2.02	17.48	12.54	0.88
Roiesine	2.3333*	Max WS	APP_TR200_D3	50.16	337.73	340.29	340.39	341.08	0.007986	4.16	1.56	1.93	14.24	11.41	0.93
Roiesine	2.3333*	Max WS	APP_Tr200_D0.5	54.90	337.73	340.41	340.49	341.20	0.007575	4.21	1.66	1.99	15.61	11.90	0.92
Roiesine	2.2500*	Max WS	APP_TR200_D1	61.76	337.65	340.55	340.52	341.28	0.006294	4.14	1.81	1.95	18.42	12.95	0.85
Roiesine	2.2500*	Max WS	APP_TR200_D2	60.12	337.65	340.50	340.51	341.24	0.006405	4.13	1.78	1.98	17.88	12.62	0.86
Roiesine	2.2500*	Max WS	APP_TR200_D3	50.16	337.65	340.22	340.30	340.99	0.007587	4.13	1.63	1.90	14.49	11.46	0.91
Roiesine	2.2500*	Max WS	APP_Tr200_D0.5	54.89	337.65	340.34	340.40	341.11	0.007168	4.17	1.72	1.95	15.92	11.97	0.90
Roiesine	2.1667*	Max WS	APP_TR200_D1	61.76	337.58	340.49	340.45	341.20	0.005912	4.09	1.85	1.91	18.89	13.08	0.83
Roiesine	2.1667*	Max WS	APP_TR200_D2	60.12	337.58	340.45	340.41	341.15	0.006013	4.07	1.83	1.94	18.33	12.73	0.84
Roiesine	2.1667*	Max WS	APP_TR200_D3	15.02	337.58	340.16		340.23	0.000638	1.22	0.51	0.56	14.87	11.57	0.27
Roiesine	2.1667*	Max WS	APP_Tr200_D0.5	54.89	337.58	340.28	340.31	341.02	0.006778	4.12	1.78	1.92	16.27	12.05	0.88
Roiesine	2.0833*	Max WS	APP_TR200_D1	61.75	337.51	340.44	340.36	341.11	0.005560	4.03	1.89	1.85	19.41	13.27	0.81
Roiesine	2.0833*	Max WS	APP_TR200_D2	60.12	337.51	340.39	340.33	341.07	0.005644	4.01	1.87	1.90	18.83	12.84	0.81
Roiesine	2.0833*	Max WS	APP_TR200_D3	15.02	337.51	340.16		340.22	0.000533	1.16	0.51	0.53	16.00	11.93	0.25
Roiesine	2.0833*	Max WS	APP_Tr200_D0.5	54.88	337.51	340.22	340.22	340.93	0.006404	4.07	1.83	1.89	16.68	12.15	0.85
Roiesine	2	Max WS	APP_TR200_D1	61.75	337.43	340.38		341.03	0.005238	3.96	1.93	1.80	19.97	13.50	0.79
Roiesine	2	Max WS	APP_TR200_D2	60.12	337.43	340.34		340.98	0.005305	3.94	1.90	1.87	19.37	12.97	0.79
Roiesine	2	Max WS	APP_TR200_D3	15.02	337.43	340.16		340.21	0.000451	1.10	0.51	0.51	17.16	12.28	0.23
Roiesine	2	Max WS	APP_Tr200_D0.5	15.03	337.43	340.16		340.21	0.000452	1.10	0.51	0.51	17.16	12.28	0.23
Roiesine	1.8611*	Max WS	APP_TR200_D1	61.75	337.39	340.34		340.96	0.004916	3.86	1.81	1.77	20.09	13.22	0.77
Roiesine	1.8611*	Max WS	APP_TR200_D2	60.12	337.39	340.29		340.92	0.005039	3.86	1.80	1.76	19.49	13.03	0.78
Roiesine	1.8611*	Max WS	APP_TR200_D3	15.02	337.39	340.16		340.21	0.000393	1.04	0.47	0.47	17.85	12.52	0.22
Roiesine	1.8611*	Max WS	APP_Tr200_D0.5	15.03	337.39	340.16		340.21	0.000394	1.04	0.47	0.47	17.85	12.52	0.22
Roiesine	1.7222*	Max WS	APP_TR200_D1	61.75	337.35	340.29		340.91	0.004662	3.77	1.72	1.67	20.26	13.29	0.76
Roiesine	1.7222*	Max WS	APP_TR200_D2	60.11	337.35	340.25		340.86	0.004783	3.77	1.70	1.66	19.63	13.10	0.76
Roiesine	1.7222*	Max WS	APP_TR200_D3	15.02	337.35	340.16		340.21	0.000344	0.99	0.44	0.43	18.56	12.76	0.20
Roiesine	1.7222*	Max WS	APP_Tr200_D0.5	15.03	337.35	340.16		340.21	0.000344	0.99	0.44	0.43	18.56	12.76	0.20
Roiesine	1.5833*	Max WS	APP_TR200_D1	61.75	337.30	340.25		340.85	0.004418	3.68	1.62	1.57	20.45	13.37	0.74
Roiesine	1.5833*	Max WS	APP_TR200_D2	60.11	337.30	340.20		340.80	0.004537	3.68	1.60	1.56	19.81	13.17	0.75
Roiesine	1.5833*	Max WS	APP_TR200_D3	15.02	337.30	340.16		340.20	0.000303	0.94	0.41	0.40	19.30	13.01	0.19
Roiesine	1.5833*	Max WS	APP_Tr200_D0.5	15.02	337.30	340.16		340.20	0.000303	0.94	0.41	0.40	19.30	13.01	0.19
Roiesine	1.4444*	Max WS	APP_TR200_D1	61.75	337.26	340.21		340.79	0.004176	3.59	1.53	1.48	20.70	13.46	0.73
Roiesine	1.4444*	Max WS	APP_TR200_D2	15.04	337.26	340.16		340.20	0.000268	0.90	0.38	0.37	20.05	13.25	0.18
Roiesine	1.4444*	Max WS	APP_TR200_D3	15.02	337.26	340.16		340.20	0.000268	0.90	0.38	0.37	20.05	13.25	0.18
Roiesine	1.4444*	Max WS	APP_Tr200_D0.5	15.02	337.26	340.16		340.20	0.000268	0.90	0.38	0.37	20.05	13.25	0.18
Roiesine	1.3055*	Max WS	APP_TR200_D1	61.75	337.22	340.18		340.73	0.003938	3.49	1.44	1.39	20.99	13.55	0.71
Roiesine	1.3055*	Max WS	APP_TR200_D2	15.04	337.22	340.16		340.20	0.000239	0.86	0.35	0.34	20.81	13.49	0.17
Roiesine	1.3055*	Max WS	APP_TR200_D3	15.01	337.22	340.16		340.20	0.000238	0.85	0.35	0.34	20.81	13.49	0.17
Roiesine	1.3055*	Max WS	APP_Tr200_D0.5	15.02	337.22	340.16		340.20	0.000238	0.85	0.35	0.34	20.81	13.49	0.17
Roiesine	1.1667*	Max WS	APP_TR200_D1	15.03	337.17	340.16		340.19	0.000213	0.82	0.33	0.32	21.59	13.73	0.17
Roiesine	1.1667*	Max WS	APP_TR200_D2	15.03	337.17	340.16		340.19	0.000213	0.82	0.33	0.32	21.59	13.73	0.17
Roiesine	1.1667*	Max WS	APP_TR200_D3	15.01	337.17	340.16		340.19	0.000212	0.81	0.33	0.32	21.59	13.73	0.17
Roiesine	1.1667*	Max WS	APP_Tr200_D0.5	15.02	337.17	340.16		340.19	0.000212	0.82	0.33	0.32	21.59	13.73	0.17
Roiesine	1.0278*	Max WS	APP_TR200_D1	15.03	337.13	340.16		340.19	0.000190	0.78	0.31	0.29	22.39	13.97	0.16
Roiesine	1.0278*	Max WS	APP_TR200_D2	15.03	337.13	340.16		340.19	0.000191	0.78	0.31	0.29	22.39	13.97	0.16
Roiesine	1.0278*	Max WS	APP_TR200_D3	15.01	337.13	340.16		340.19	0.000190	0.78	0.31	0.29	22.39	13.97	0.16
Roiesine	1.0278*	Max WS	APP_Tr200_D0.5	15.02	337.13	340.16		340.19	0.000190	0.78	0.31	0.29	22.39	13.97	0.16

HEC-RAS River: Roiesine Reach: Roiesine Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Roiesine	0.8889*	Max WS	APP_TR200_D1	15.03	337.09	340.16		340.19	0.000171	0.75	0.29	0.27	23.20	14.20	0.15
Roiesine	0.8889*	Max WS	APP_TR200_D2	15.03	337.09	340.16		340.19	0.000171	0.75	0.29	0.27	23.20	14.20	0.15
Roiesine	0.8889*	Max WS	APP_TR200_D3	15.01	337.09	340.16		340.19	0.000171	0.74	0.29	0.27	23.20	14.20	0.15
Roiesine	0.8889*	Max WS	APP_Tr200_D0.5	15.02	337.09	340.16		340.19	0.000171	0.74	0.29	0.27	23.20	14.20	0.15
Roiesine	0.7500*	Max WS	APP_TR200_D1	15.03	337.05	340.16		340.19	0.000154	0.71	0.27	0.26	24.04	14.42	0.14
Roiesine	0.7500*	Max WS	APP_TR200_D2	15.03	337.05	340.16		340.19	0.000154	0.71	0.27	0.26	24.04	14.42	0.14
Roiesine	0.7500*	Max WS	APP_TR200_D3	15.01	337.05	340.16		340.19	0.000154	0.71	0.27	0.25	24.04	14.42	0.14
Roiesine	0.7500*	Max WS	APP_Tr200_D0.5	15.02	337.05	340.16		340.19	0.000154	0.71	0.27	0.25	24.04	14.42	0.14
Roiesine	0.6111*	Max WS	APP_TR200_D1	15.02	337.00	340.16		340.19	0.000140	0.68	0.25	0.24	24.88	14.64	0.14
Roiesine	0.6111*	Max WS	APP_TR200_D2	15.03	337.00	340.16		340.19	0.000140	0.68	0.25	0.24	24.88	14.64	0.14
Roiesine	0.6111*	Max WS	APP_TR200_D3	15.01	337.00	340.16		340.19	0.000139	0.68	0.25	0.24	24.88	14.65	0.14
Roiesine	0.6111*	Max WS	APP_Tr200_D0.5	15.02	337.00	340.16		340.19	0.000139	0.68	0.25	0.24	24.88	14.64	0.14
Roiesine	0.4722*	Max WS	APP_TR200_D1	15.02	336.96	340.16		340.18	0.000127	0.66	0.24	0.22	25.74	14.86	0.13
Roiesine	0.4722*	Max WS	APP_TR200_D2	15.03	336.96	340.16		340.18	0.000127	0.66	0.24	0.22	25.74	14.86	0.13
Roiesine	0.4722*	Max WS	APP_TR200_D3	15.01	336.96	340.16		340.18	0.000126	0.65	0.24	0.22	25.74	14.86	0.13
Roiesine	0.4722*	Max WS	APP_Tr200_D0.5	15.01	336.96	340.16		340.18	0.000126	0.65	0.24	0.22	25.74	14.86	0.13
Roiesine	0.3333	Max WS	APP_TR200_D1	15.02	336.92	340.16		340.18	0.000115	0.63	0.23	0.21	26.62	15.07	0.13
Roiesine	0.3333	Max WS	APP_TR200_D2	15.02	336.92	340.16		340.18	0.000115	0.63	0.23	0.21	26.62	15.07	0.13
Roiesine	0.3333	Max WS	APP_TR200_D3	15.00	336.92	340.16		340.18	0.000115	0.63	0.23	0.21	26.62	15.07	0.13
Roiesine	0.3333	Max WS	APP_Tr200_D0.5	15.01	336.92	340.16		340.18	0.000115	0.63	0.23	0.21	26.62	15.07	0.13
Roiesine	0.31665*	Max WS	APP_TR200_D1	15.02	336.90	340.16		340.18	0.000125	0.65	0.24	0.20	26.42	16.41	0.13
Roiesine	0.31665*	Max WS	APP_TR200_D2	15.02	336.90	340.16		340.18	0.000125	0.65	0.24	0.20	26.42	16.41	0.13
Roiesine	0.31665*	Max WS	APP_TR200_D3	15.00	336.90	340.16		340.18	0.000124	0.65	0.24	0.20	26.42	16.41	0.13
Roiesine	0.31665*	Max WS	APP_Tr200_D0.5	15.01	336.90	340.16		340.18	0.000124	0.65	0.24	0.20	26.42	16.41	0.13
Roiesine	0.30	Max WS	APP_TR200_D1	15.02	336.88	340.17	338.05	340.18	0.000104	0.58	0.23	0.21	35.35	29.88	0.11
Roiesine	0.30	Max WS	APP_TR200_D2	15.02	336.88	340.17	338.05	340.18	0.000104	0.58	0.23	0.21	35.35	29.88	0.11
Roiesine	0.30	Max WS	APP_TR200_D3	15.00	336.88	340.17	338.05	340.18	0.000104	0.58	0.23	0.21	35.35	29.88	0.11
Roiesine	0.30	Max WS	APP_Tr200_D0.5	15.01	336.88	340.17	338.05	340.18	0.000104	0.58	0.23	0.21	35.35	29.88	0.11
Roiesine	0.25			Bridge											
Roiesine	0.20	Max WS	APP_TR200_D1	15.02	336.82	340.17		340.18	0.000100	0.57	0.22	0.22	35.83	28.42	0.11
Roiesine	0.20	Max WS	APP_TR200_D2	15.02	336.82	340.17		340.18	0.000100	0.57	0.22	0.22	35.83	28.42	0.11
Roiesine	0.20	Max WS	APP_TR200_D3	15.00	336.82	340.17		340.18	0.000099	0.57	0.22	0.22	35.83	28.42	0.11
Roiesine	0.20	Max WS	APP_Tr200_D0.5	15.01	336.82	340.17		340.18	0.000100	0.57	0.22	0.22	35.83	28.42	0.11
Roiesine	0	Max WS	APP_TR200_D1	15.01	336.77	340.17	337.91	340.18	0.000059	0.44	0.17	0.23	45.14	28.77	0.09
Roiesine	0	Max WS	APP_TR200_D2	15.02	336.77	340.17	337.91	340.18	0.000059	0.44	0.17	0.23	45.14	28.77	0.09
Roiesine	0	Max WS	APP_TR200_D3	14.99	336.77	340.17	337.91	340.18	0.000058	0.44	0.17	0.23	45.14	28.77	0.09
Roiesine	0	Max WS	APP_Tr200_D0.5	15.00	336.77	340.17	337.91	340.18	0.000058	0.44	0.17	0.23	45.14	28.77	0.09

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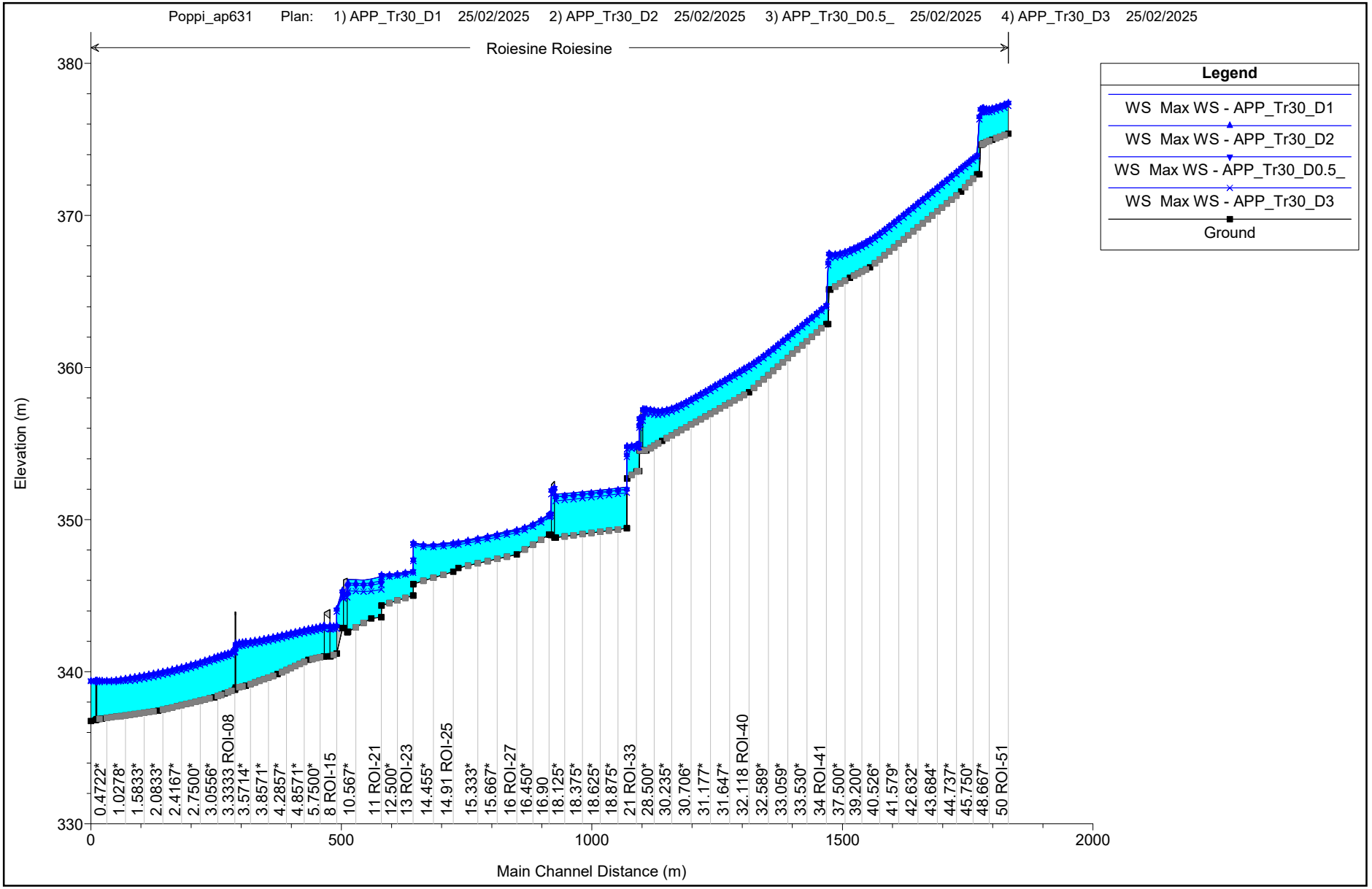
MODELLAZIONE HEC-RAS 6.3.1 "POPPI_AP631"

ROIESINE

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 0.5, 1, 2 e 3h

Profilo longitudinale


Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
Roiesine Roiesine
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Elevation (m)
380
370
360
350
340
330
0
500
1000
1500
2000
Main Channel Distance (m)
0.4722*
1.0278*
1.5833*
2.0833*
2.4167*
2.7500*
3.0556*
3.3333 ROI-08
3.5714*
3.8571*
4.2857*
4.8571*
5.7500*
8 ROI-15
10.567*
11 ROI-21
12.500*
13 ROI-23
14.455*
14.91 ROI-25
15.333*
15.667*
16 ROI-27
16.450*
16.90
18.125*
18.375*
18.625*
18.875*
21 ROI-33
28.500*
30.235*
30.706*
31.177*
31.647*
32.118 ROI-40
32.589*
33.059*
33.530*
34 ROI-41
37.500*
39.200*
40.526*
41.579*
42.632*
43.684*
44.737*
45.750*
48.667*
50 ROI-51

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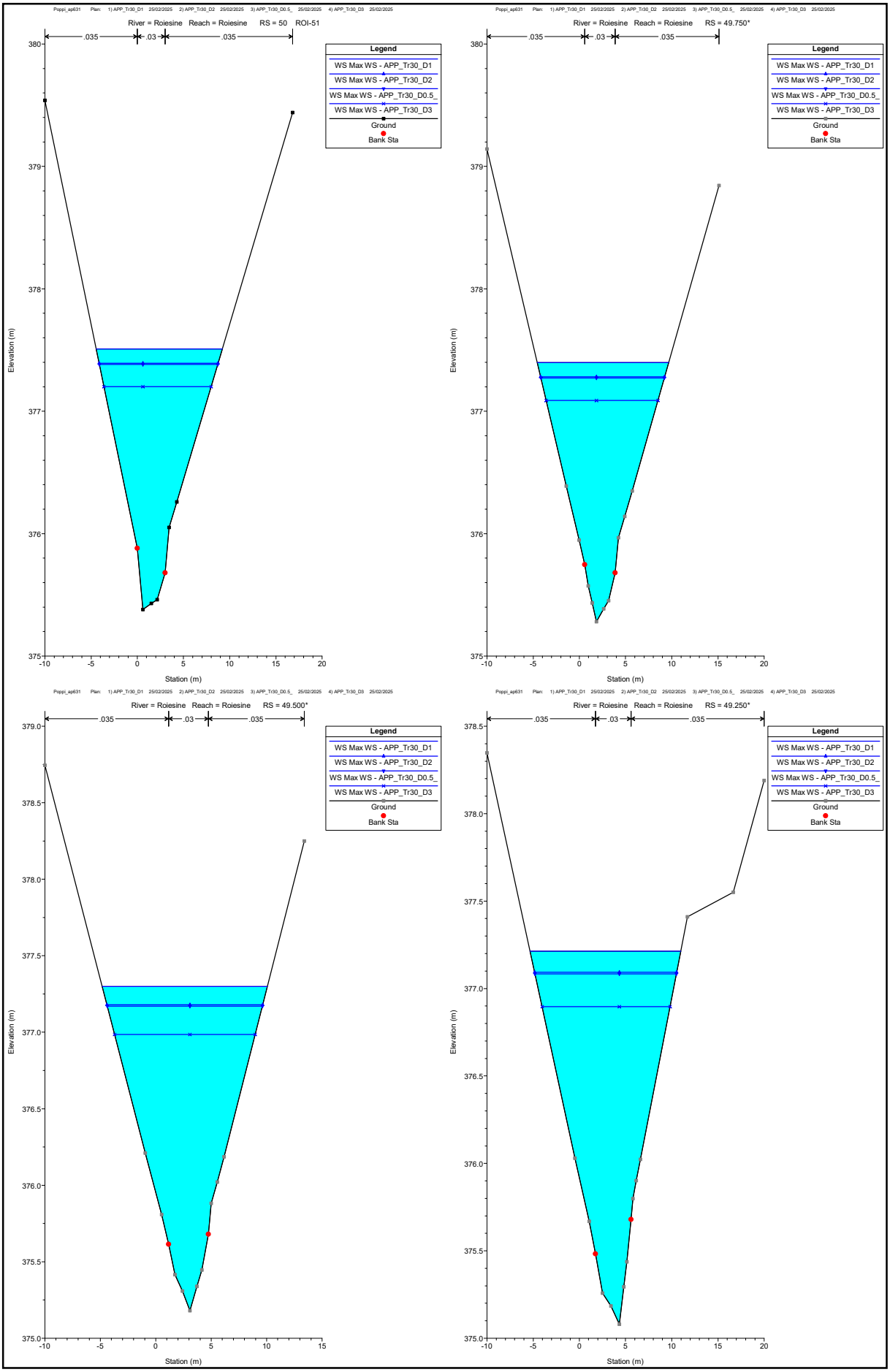
MODELLAZIONE HEC-RAS 6.3.1 "POPPI_AP631"

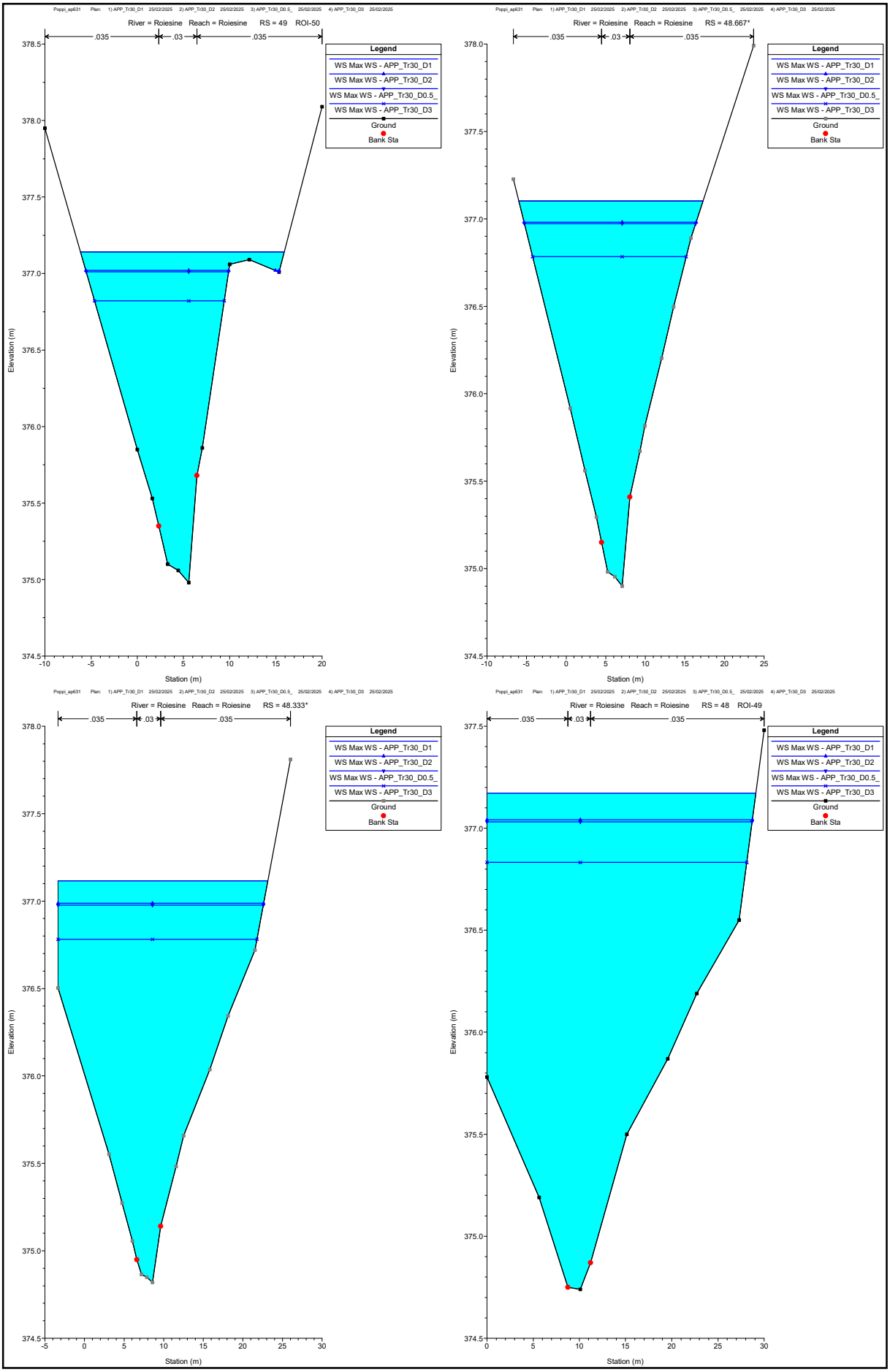
ROIESINE

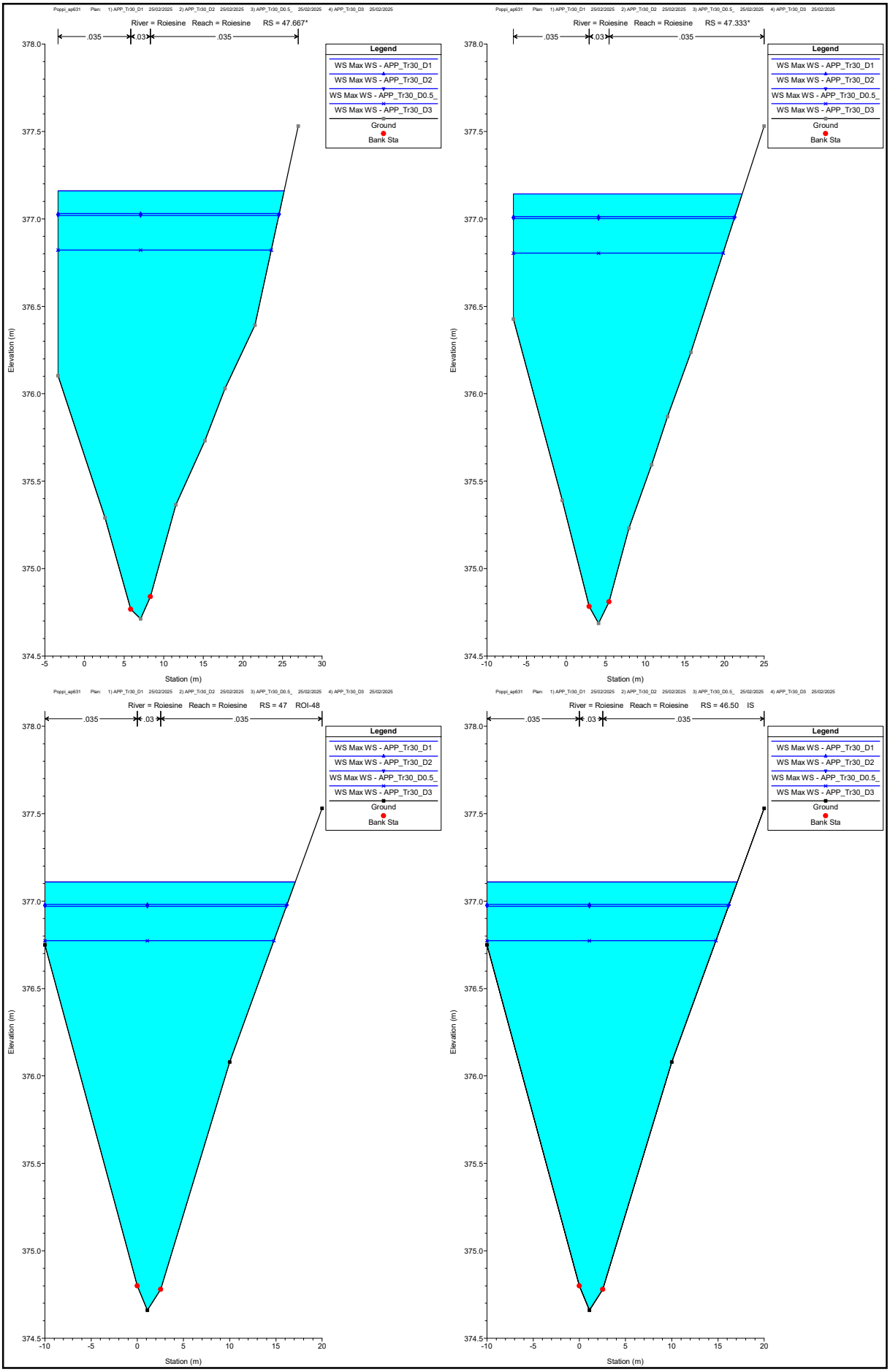
MODELLAZIONE PER TR= 30 anni

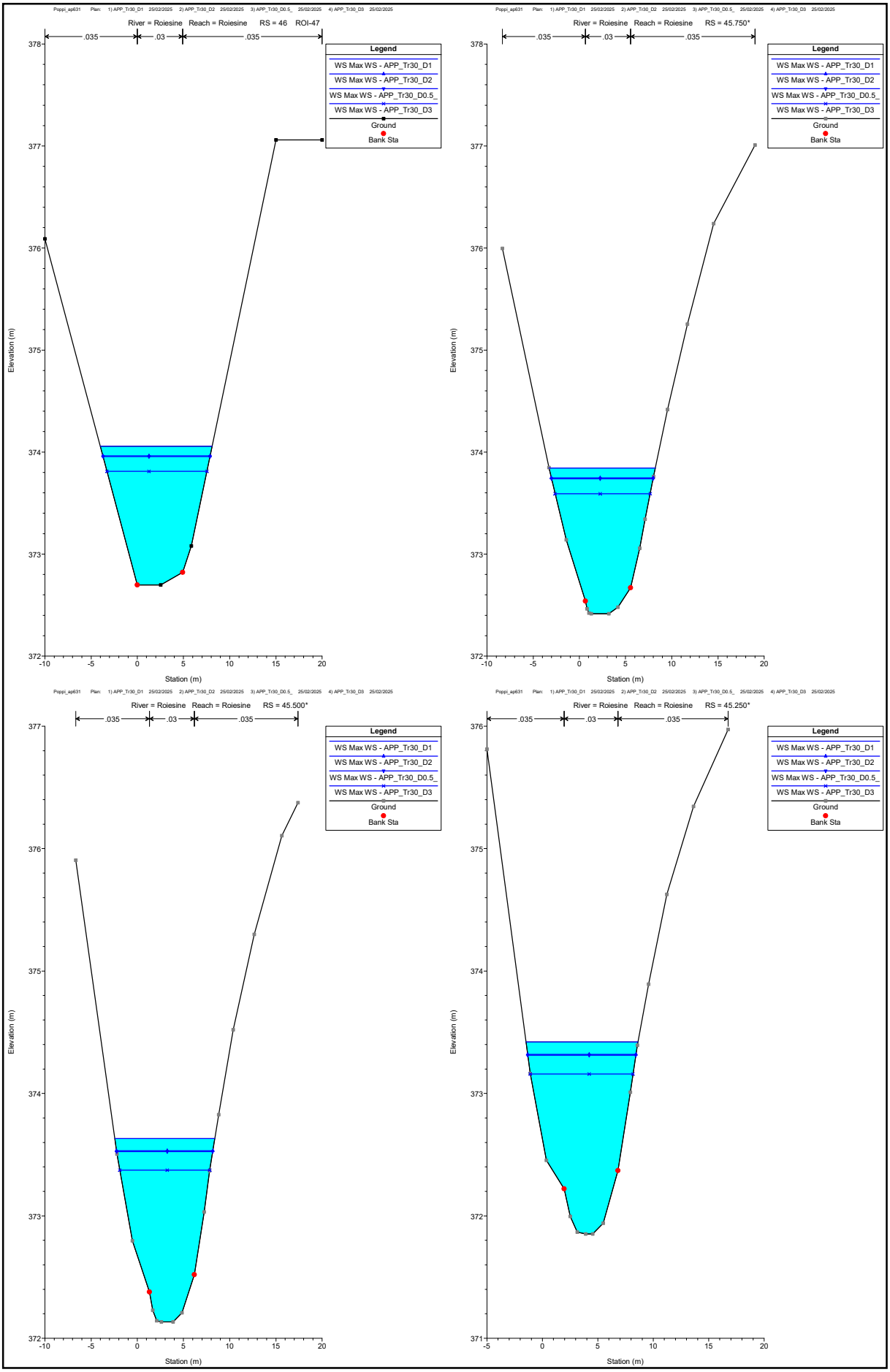
DURATE DI PIOGGIA: 0.5, 1, 2 e 3h

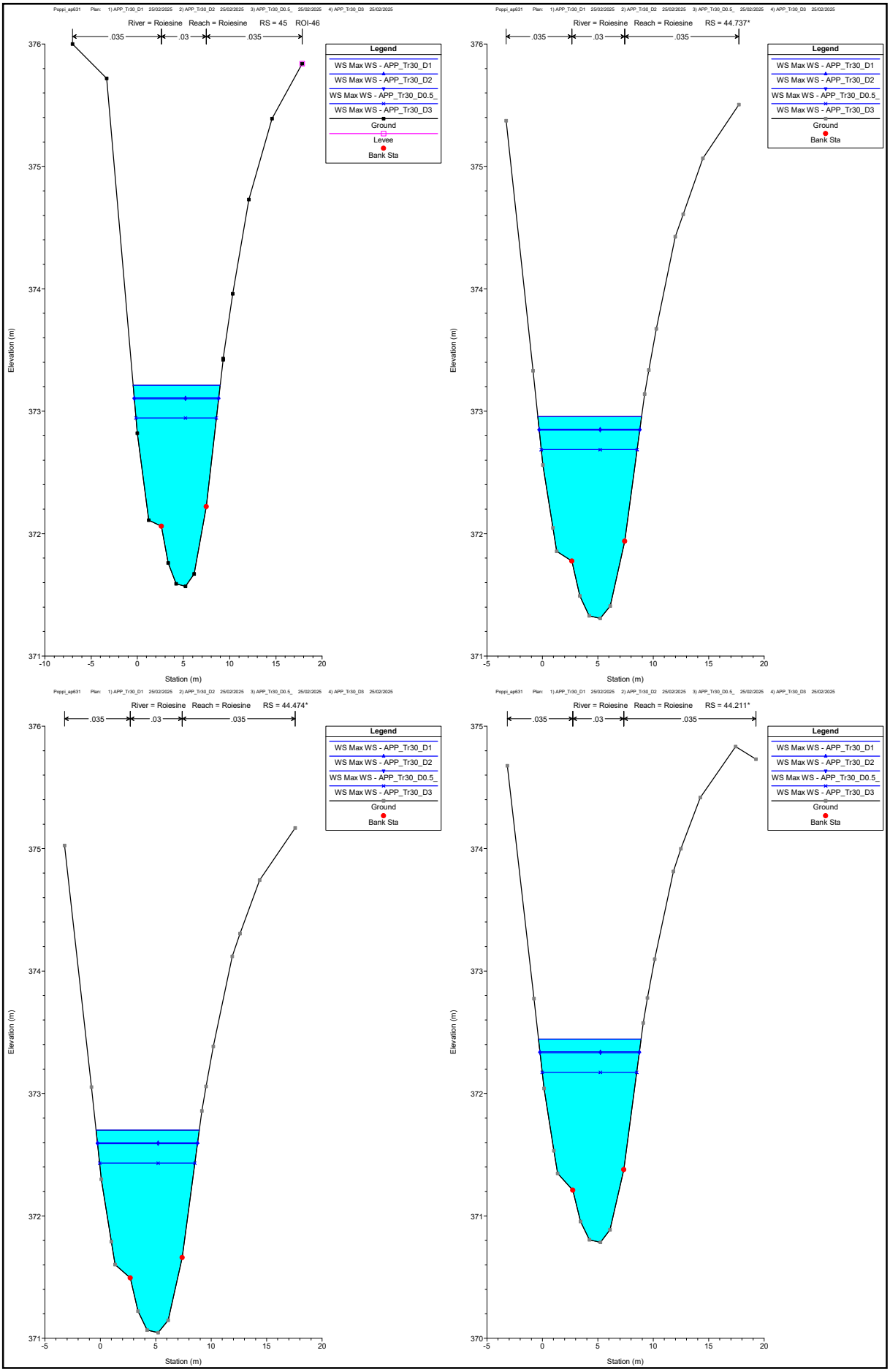
Sezioni Trasversali (da monte verso valle)


Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 50 ROI-51
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 49.750*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 49.500*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 49.250*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)


Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 49 ROI-50
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 48.667*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 48.333*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 48 ROI-49
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)


Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 47.667*
.035
.03
.035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 47.333*
.035
.03
.035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 47 ROI-48
.035
.03
.035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 46.50 IS
.035
.03
.035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)


Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 46 ROI-47
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 45.750*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 45.500*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 45.250*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)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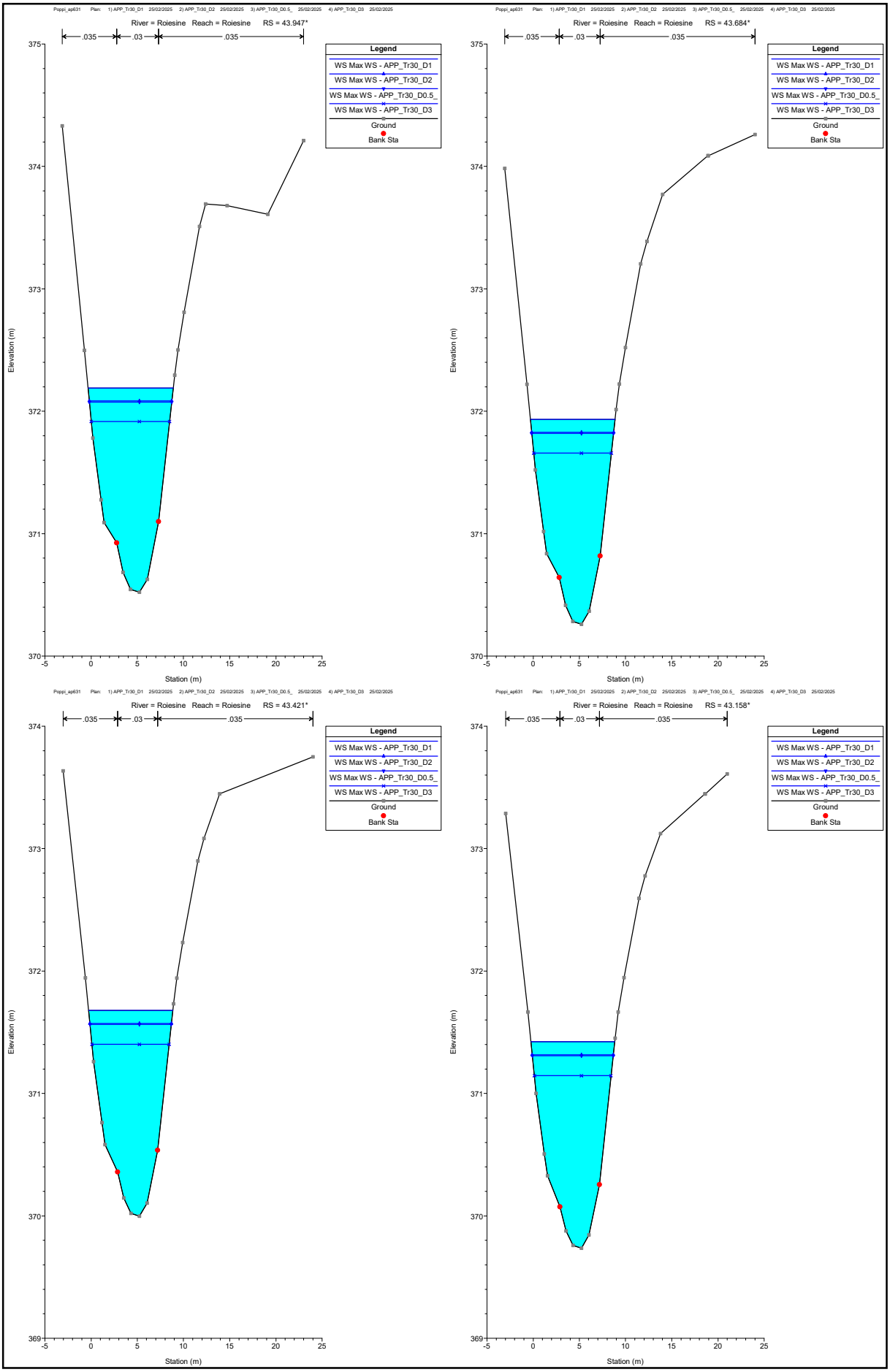
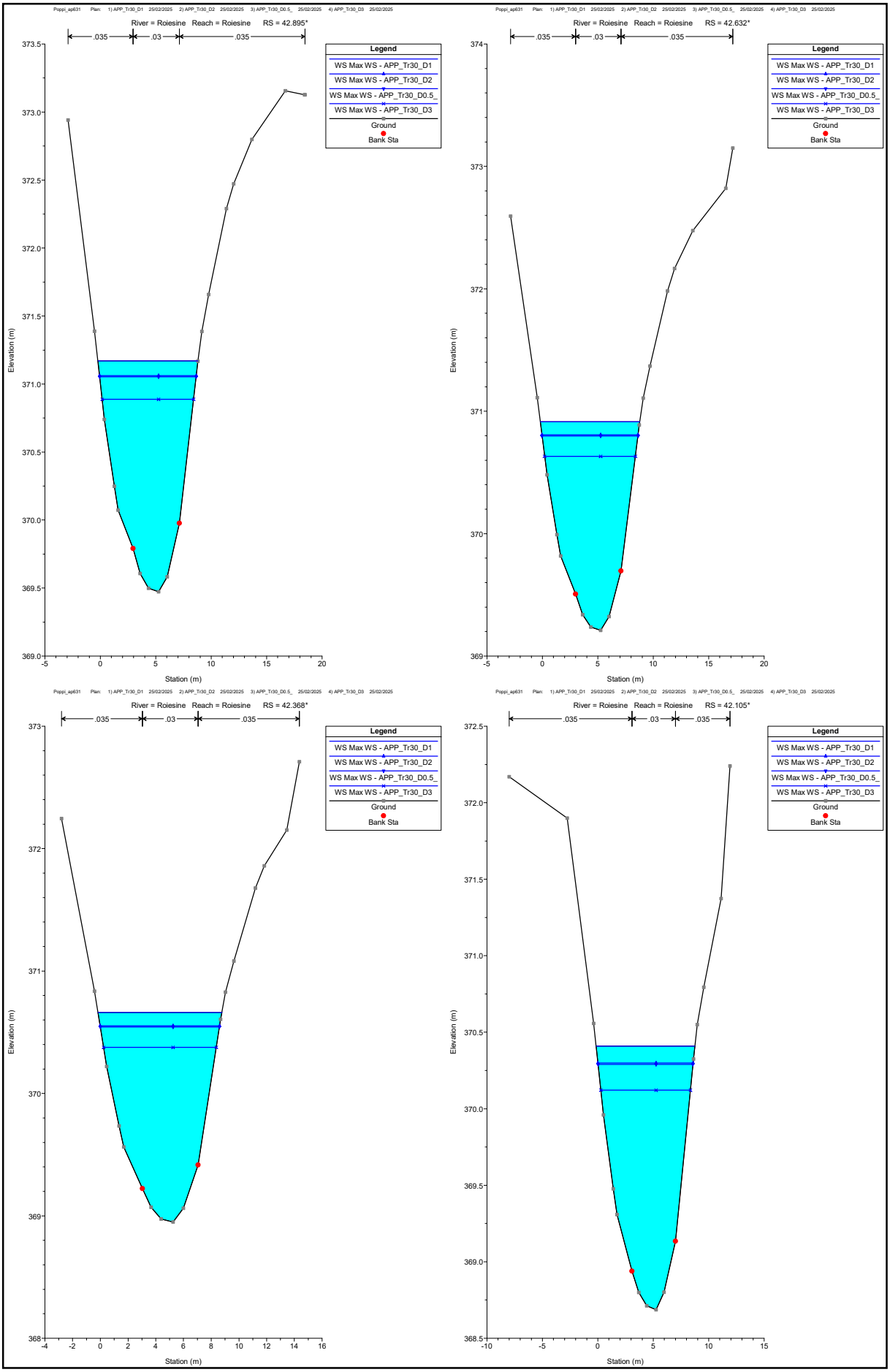
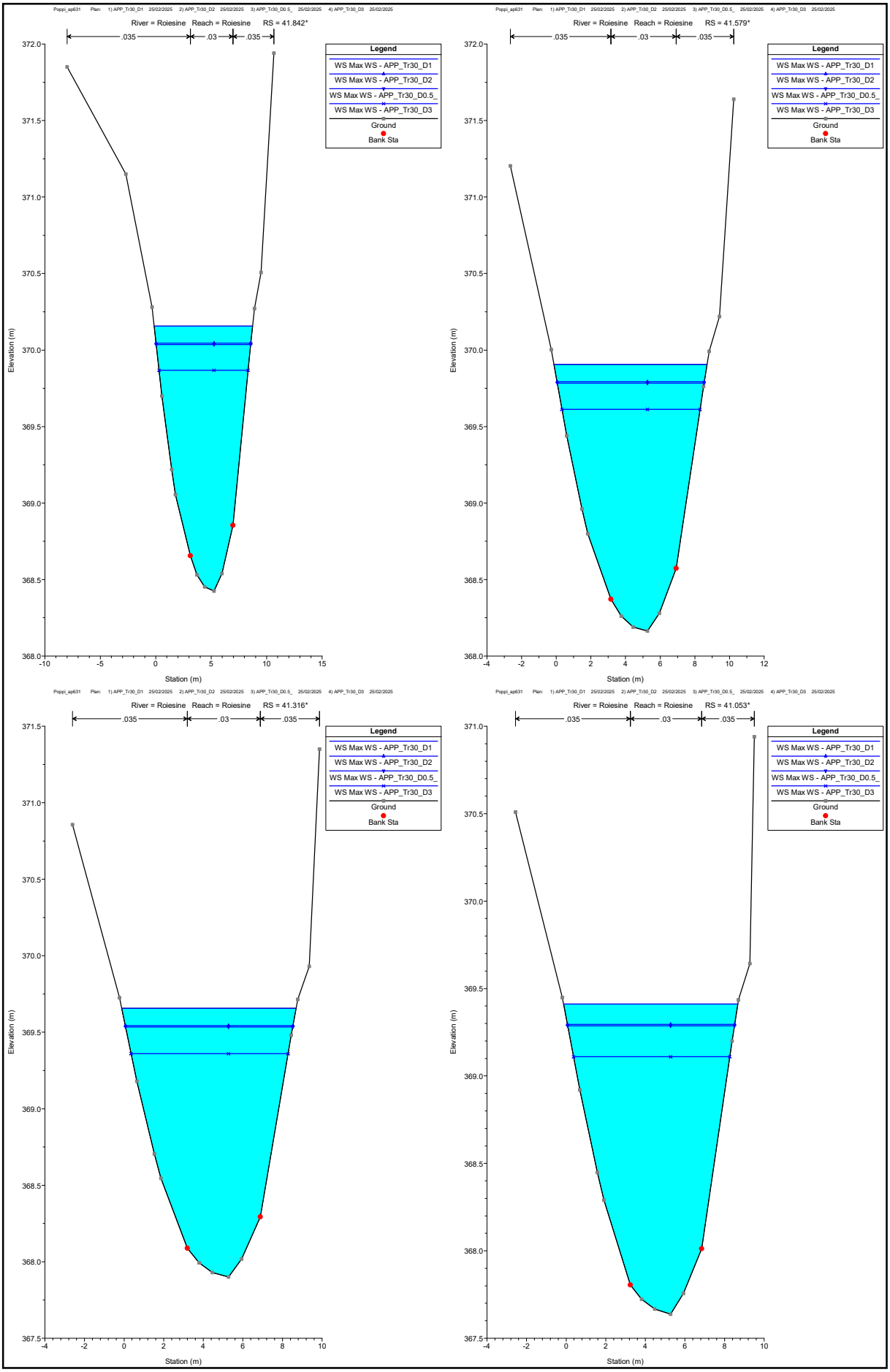
River = Roiesine Reach = Roiesine RS = 45 ROI-46
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 44.737*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 44.474*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 44.211*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)


Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 43.947*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 43.684*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 43.421*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 43.158*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)


Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 42.895*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 42.632*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 42.368*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 42.105*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)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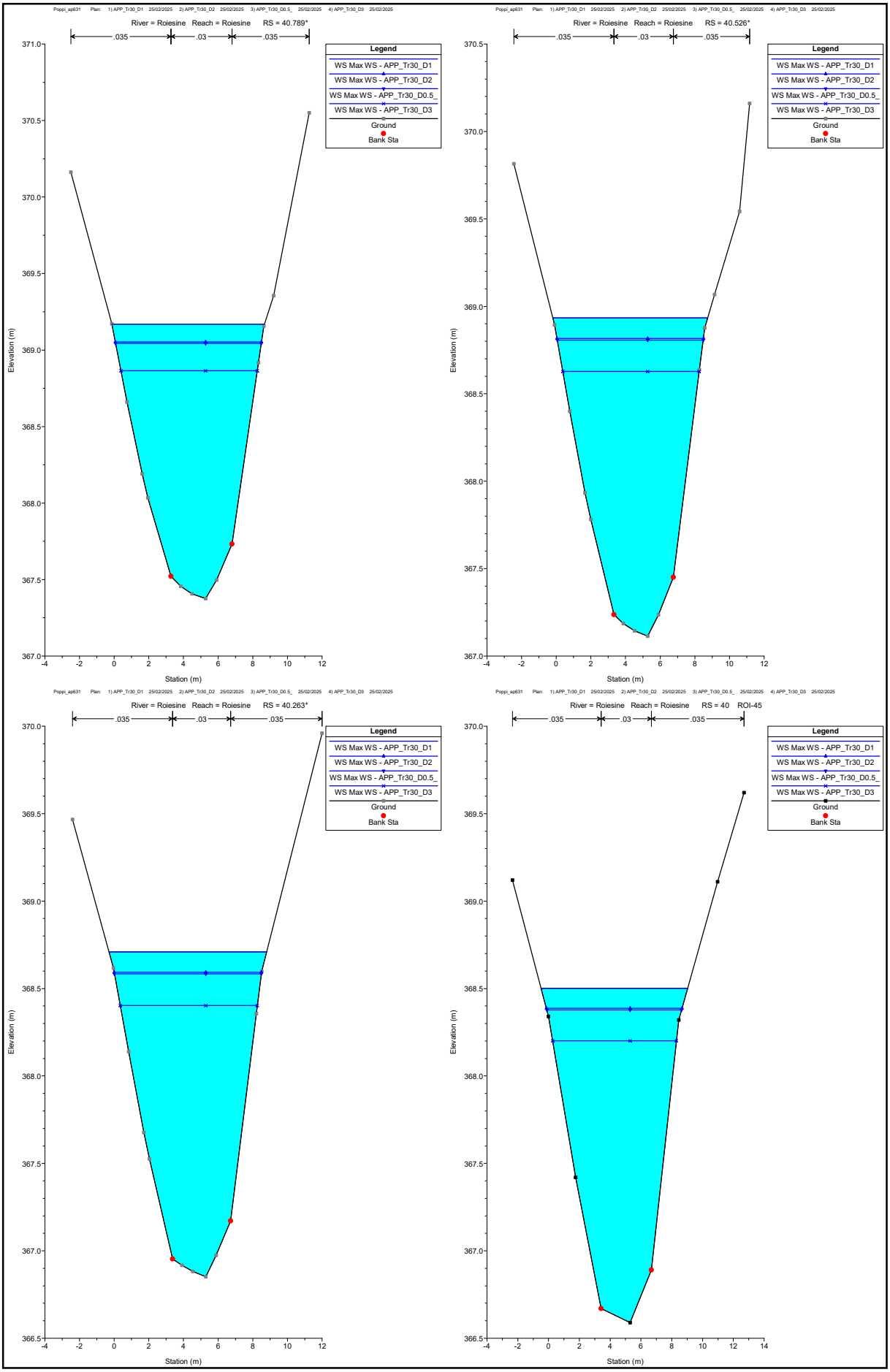
River = Roiesine Reach = Roiesine RS = 41.842*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 41.579*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 41.316*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 41.053*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)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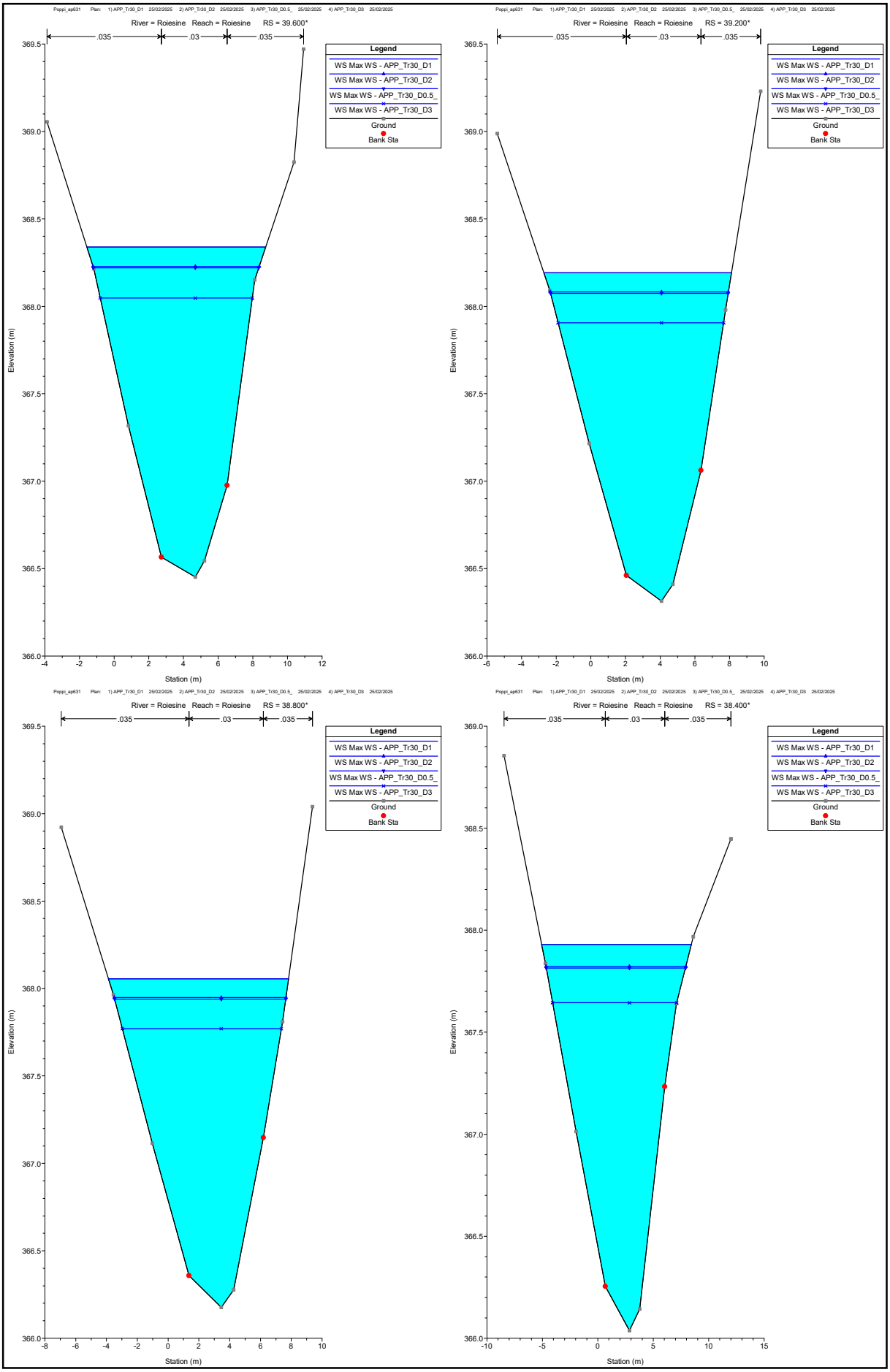
River = Roiesine Reach = Roiesine RS = 40.789*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 40.526*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 40.263*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 40 ROI-45
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)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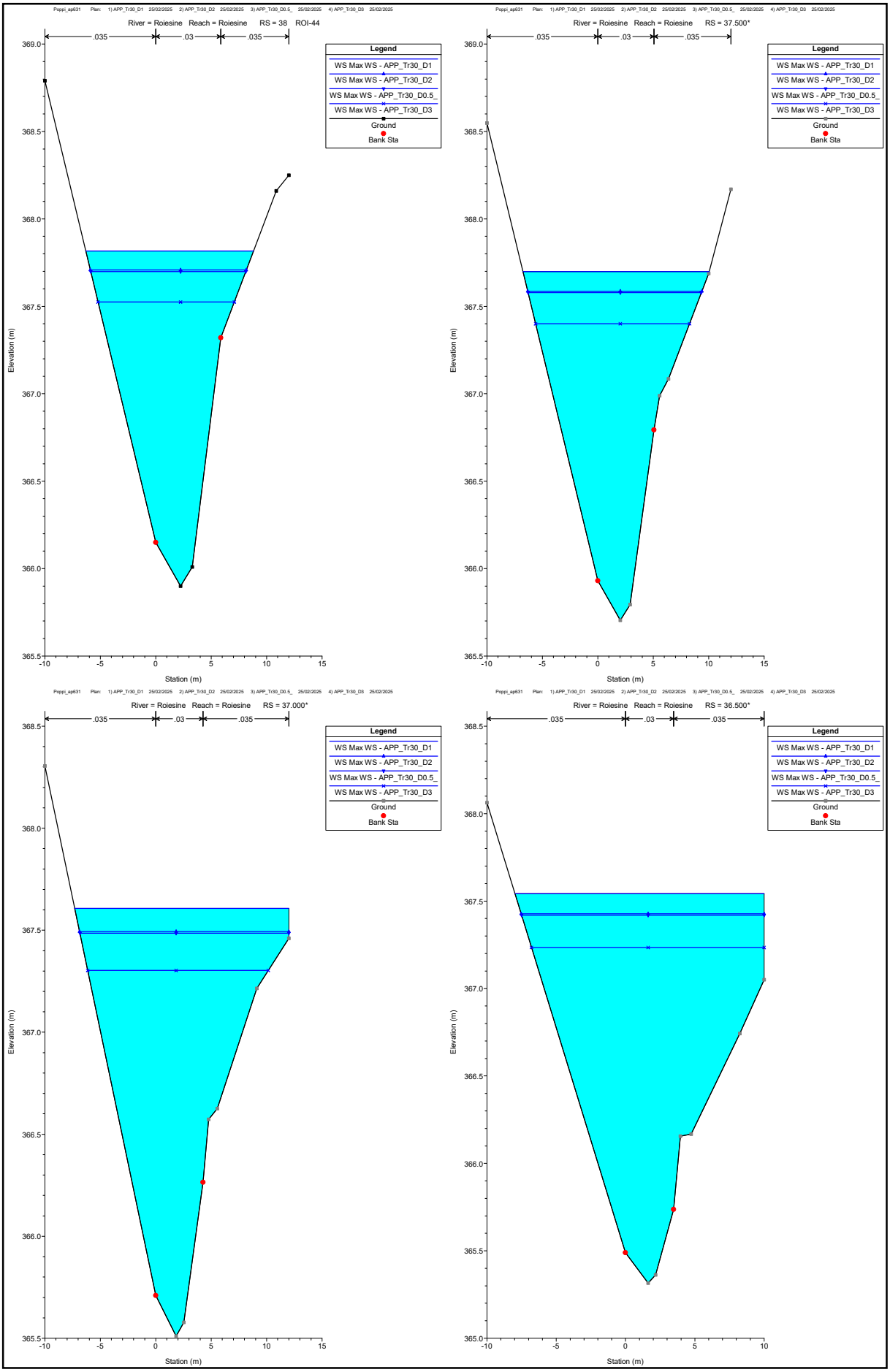
River = Roiesine Reach = Roiesine RS = 39.600*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 39.200*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 38.800*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 38.400*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)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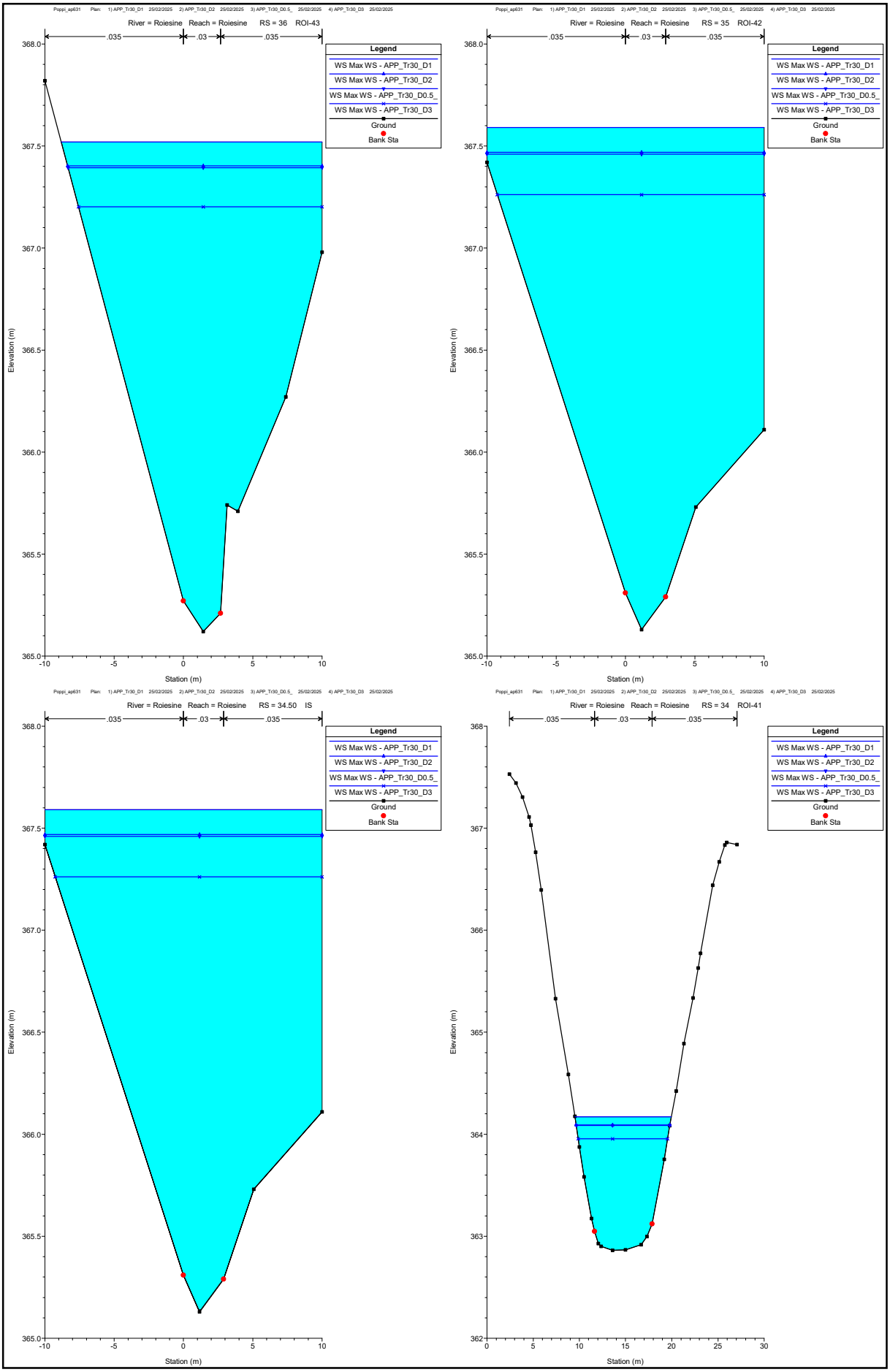
River = Roiesine Reach = Roiesine RS = 38 ROI-44
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 37.500*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 37.000*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 36.500*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)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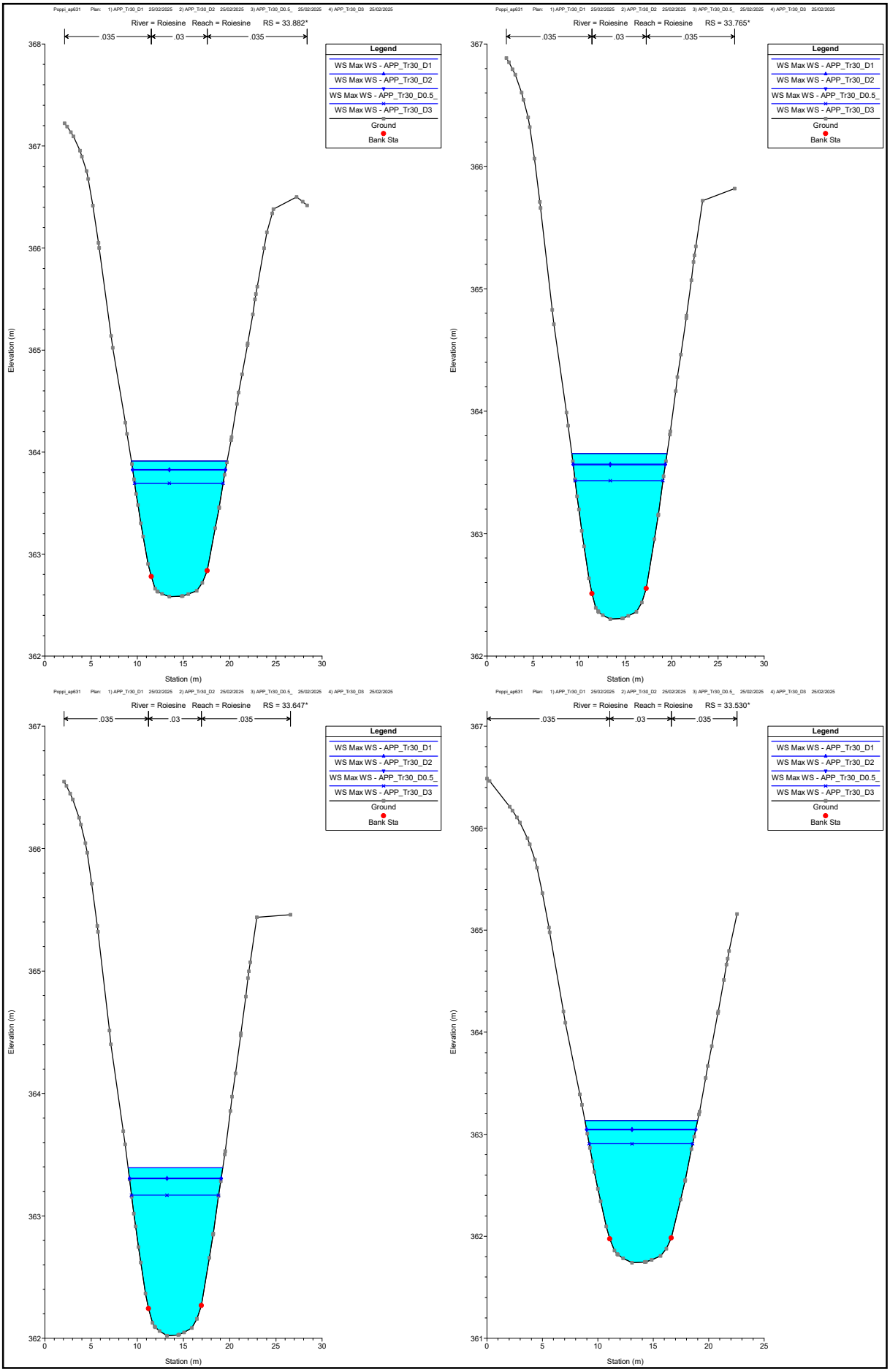
River = Roiesine Reach = Roiesine RS = 36 ROI-43
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
River = Roiesine Reach = Roiesine RS = 35 ROI-42
River = Roiesine Reach = Roiesine RS = 34.50 IS
River = Roiesine Reach = Roiesine RS = 34 ROI-41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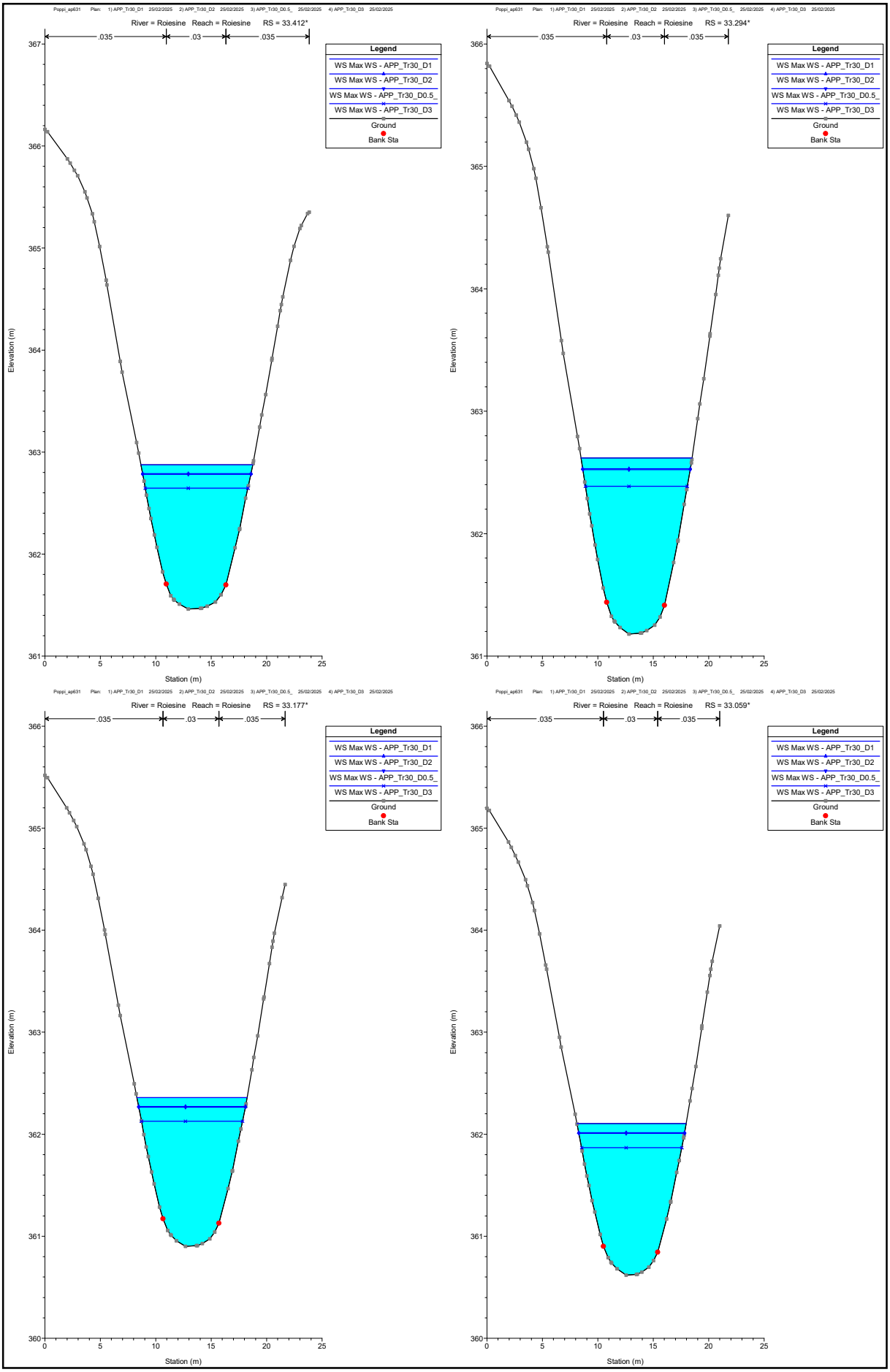
River = Roiesine Reach = Roiesine RS = 33.882*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 33.765*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 33.647*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 33.530*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)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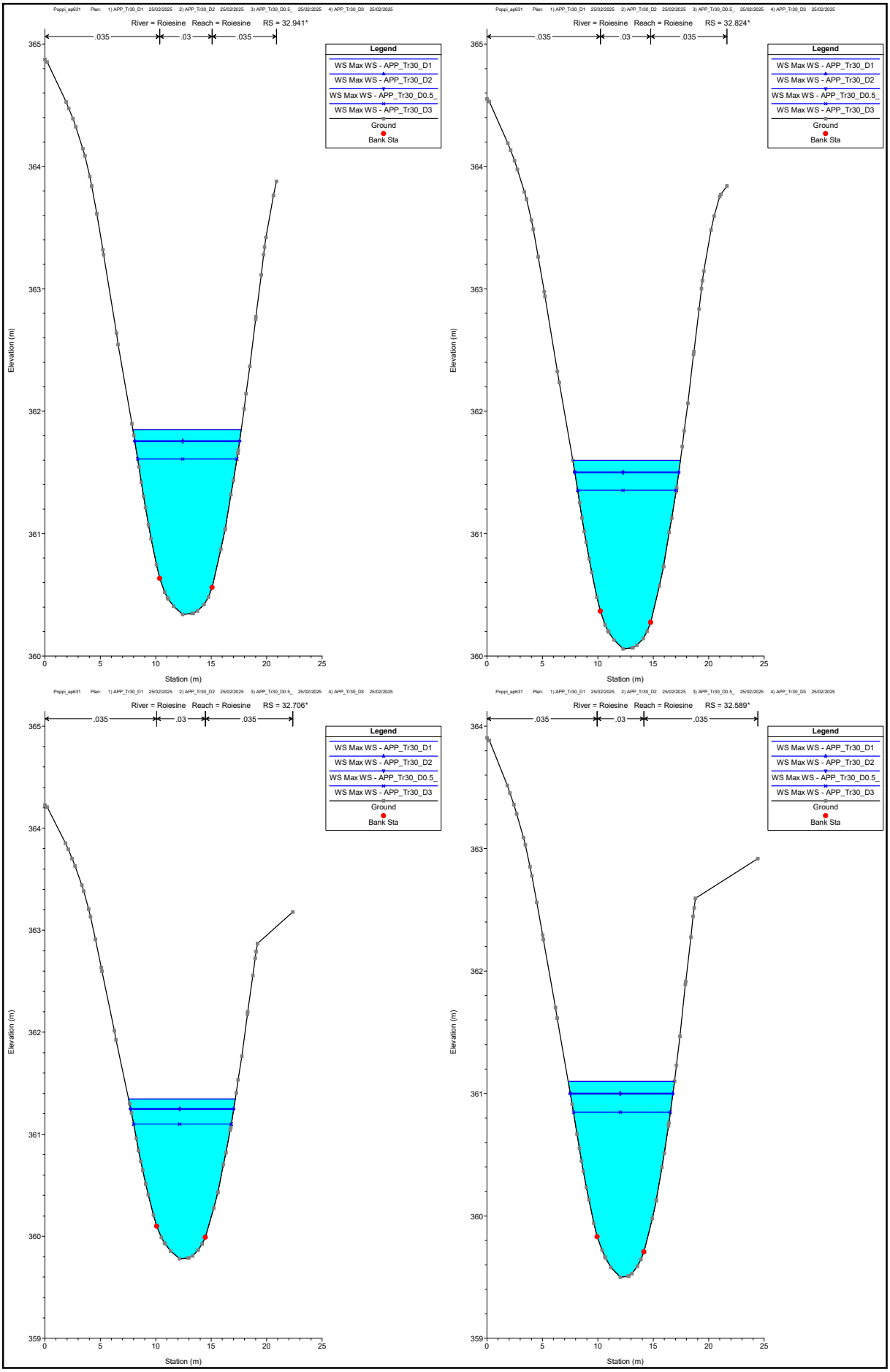
River = Roiesine Reach = Roiesine RS = 33.412*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 33.294*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 33.177*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 33.059*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)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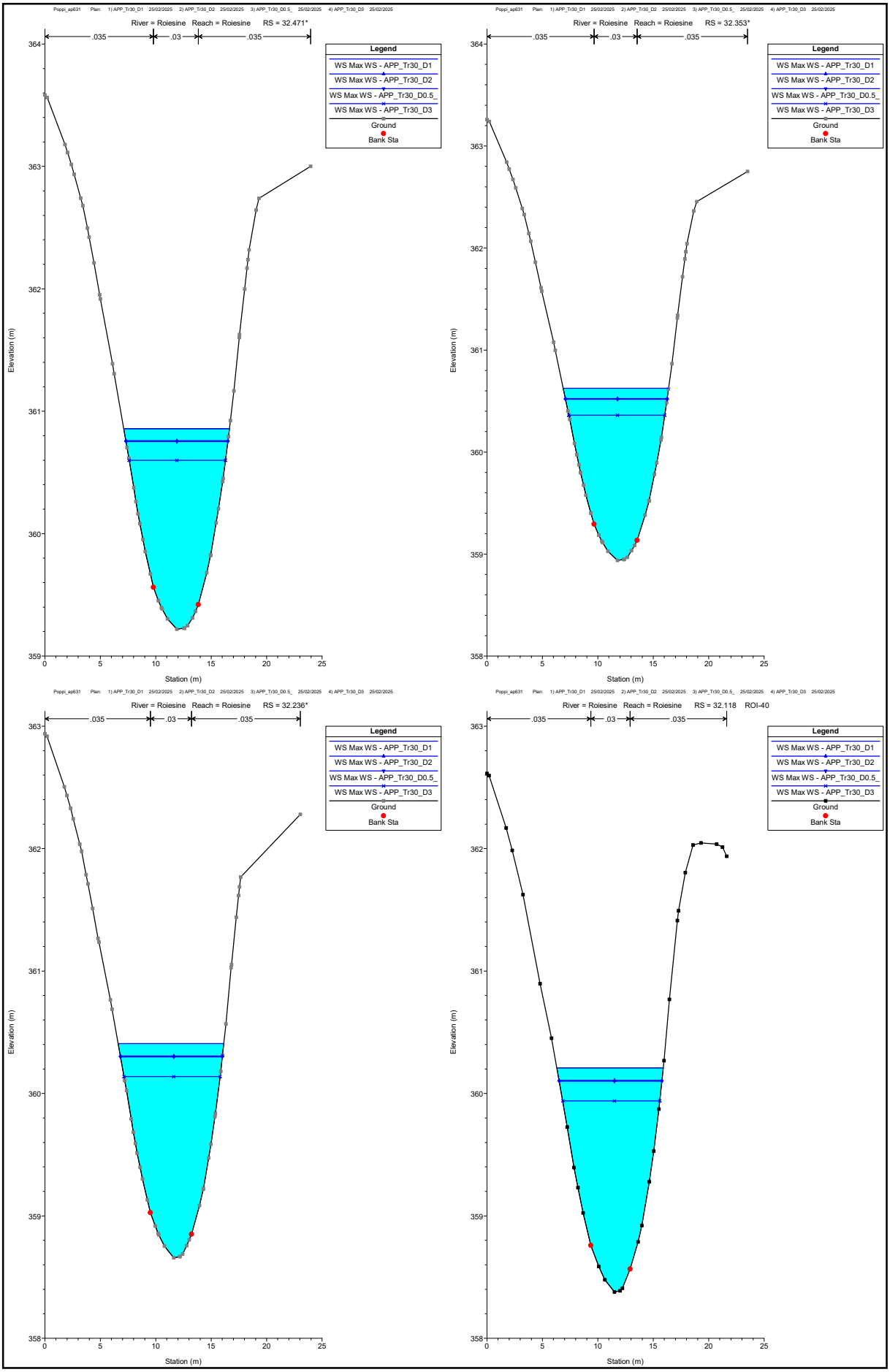
River = Roiesine Reach = Roiesine RS = 32.941*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 32.824*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 32.706*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 32.589*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)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River = Roiesine Reach = Roiesine RS = 32.471*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 32.353*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 32.236*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 32.118 ROI-40
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
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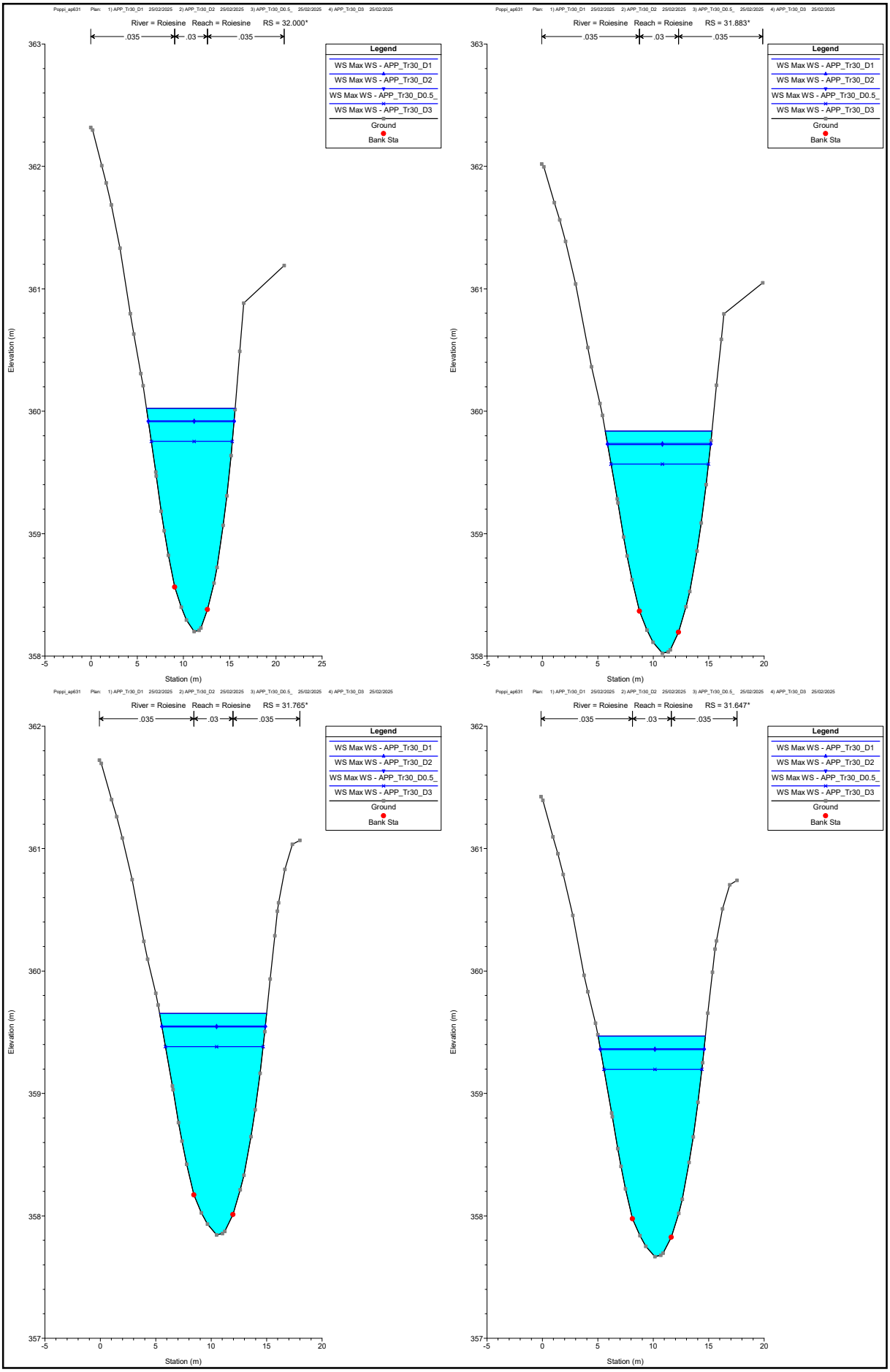
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)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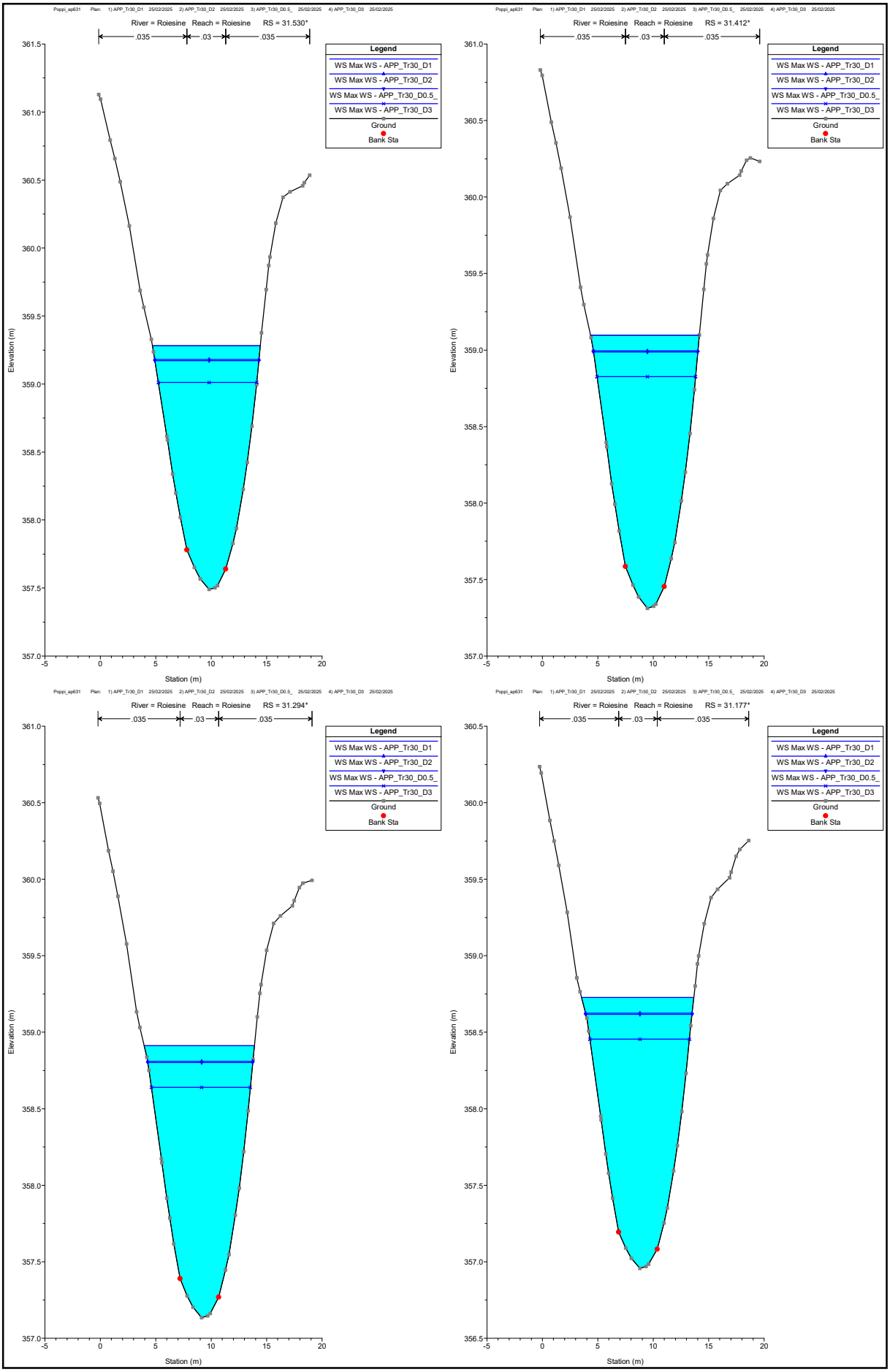
River = Roiesine Reach = Roiesine RS = 32.000*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 31.883*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 31.765*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 31.647*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)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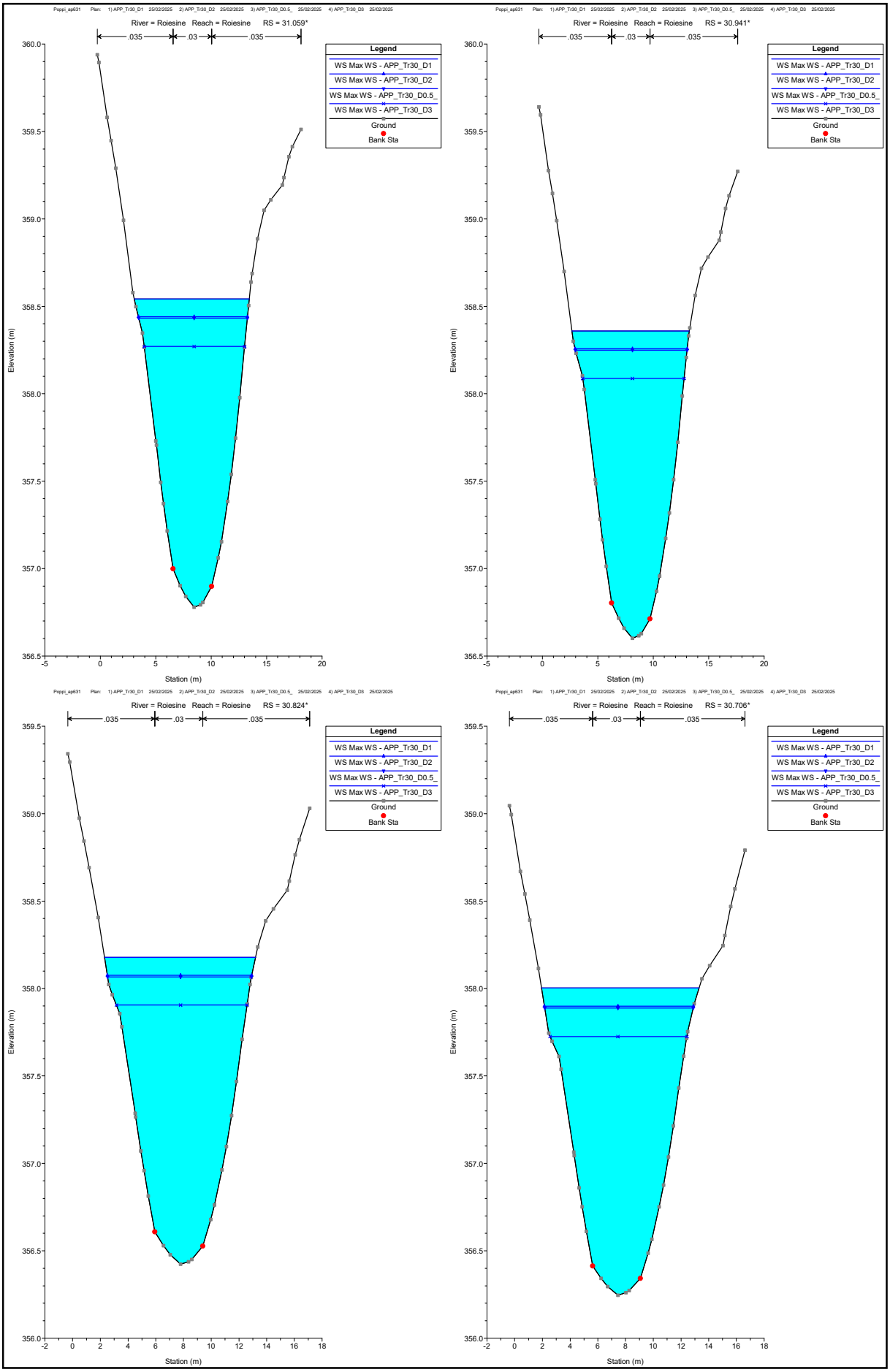
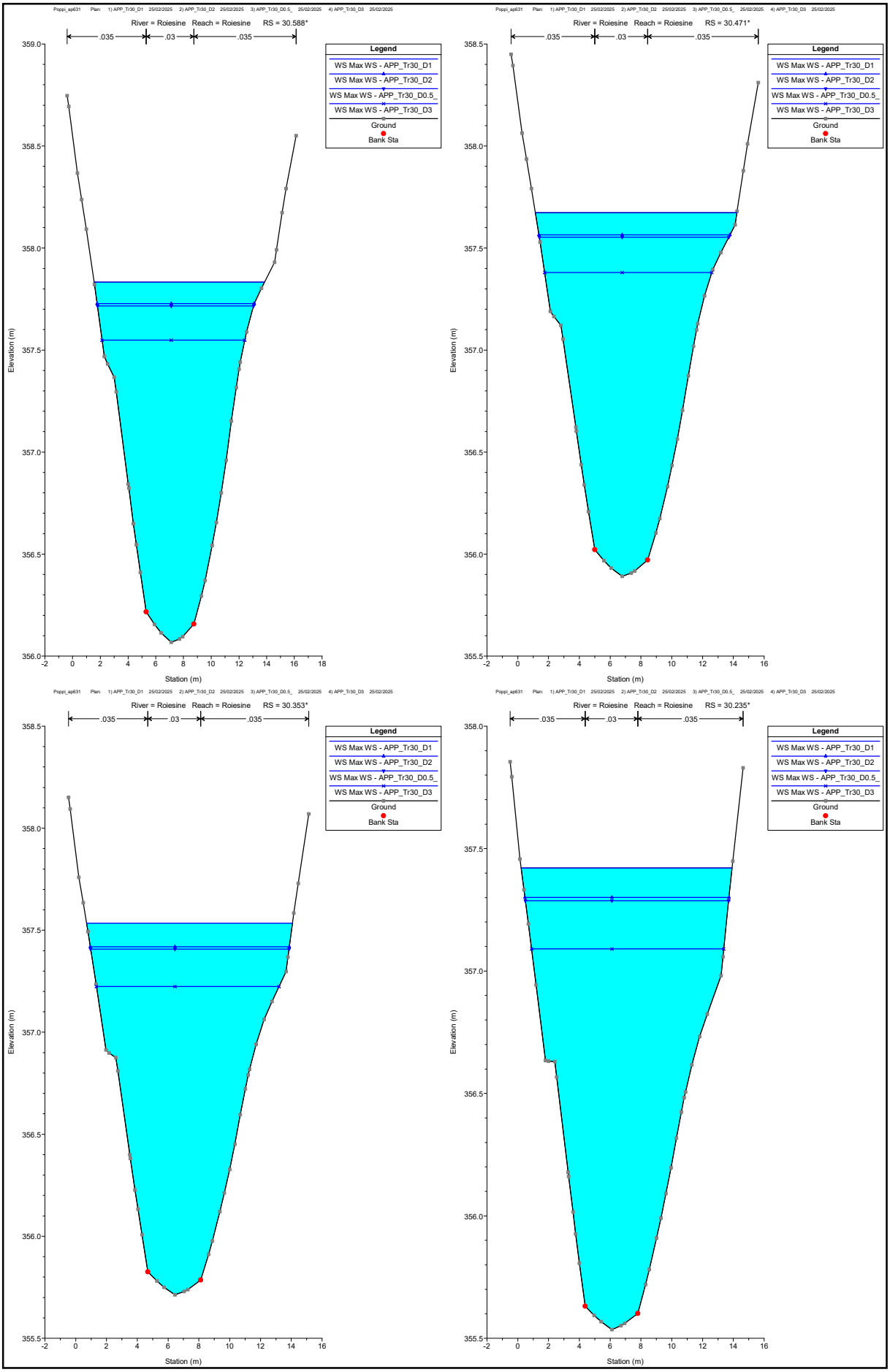
River = Roiesine Reach = Roiesine RS = 31.530*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 31.412*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 31.294*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 31.177*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)


Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 31.059*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 30.941*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 30.824*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 30.706*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)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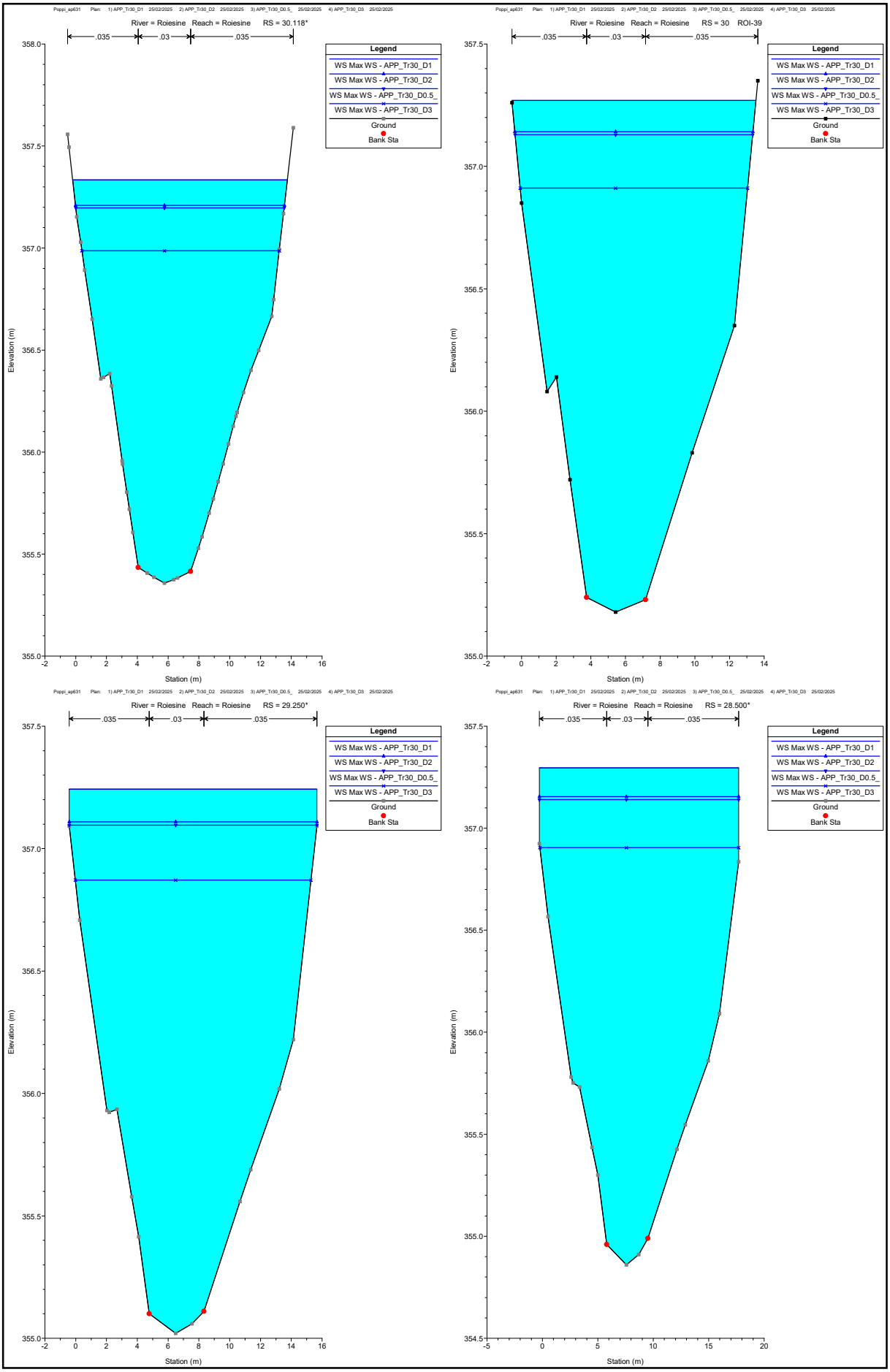
River = Roiesine Reach = Roiesine RS = 30.588*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 30.471*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 30.353*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 30.235*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)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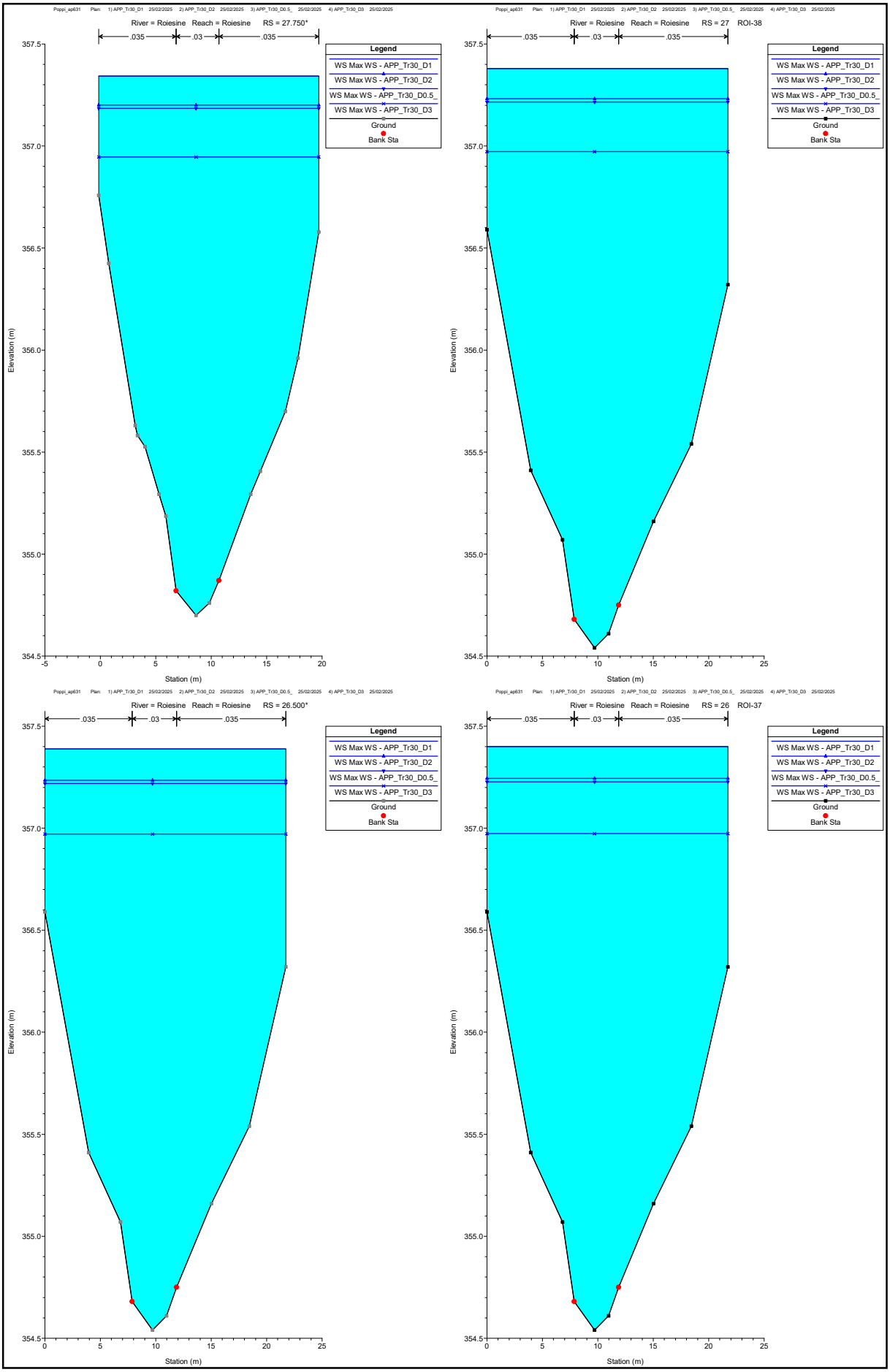
River = Roiesine Reach = Roiesine RS = 30.118*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 30 ROI-39
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 29.250*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 28.500*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)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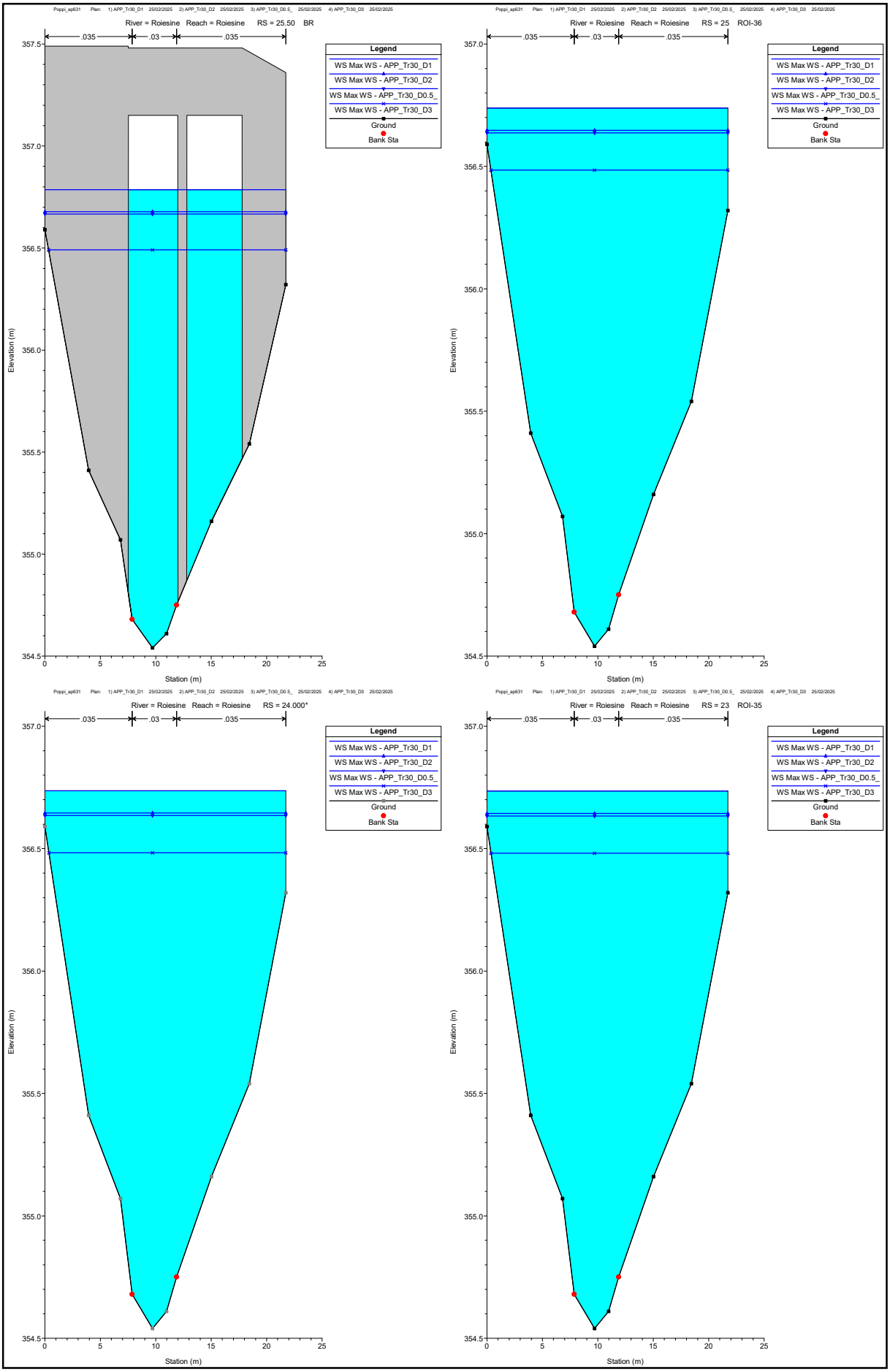
River = Roiesine Reach = Roiesine RS = 27.750*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 27 ROI-38
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 26.500*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 26 ROI-37
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)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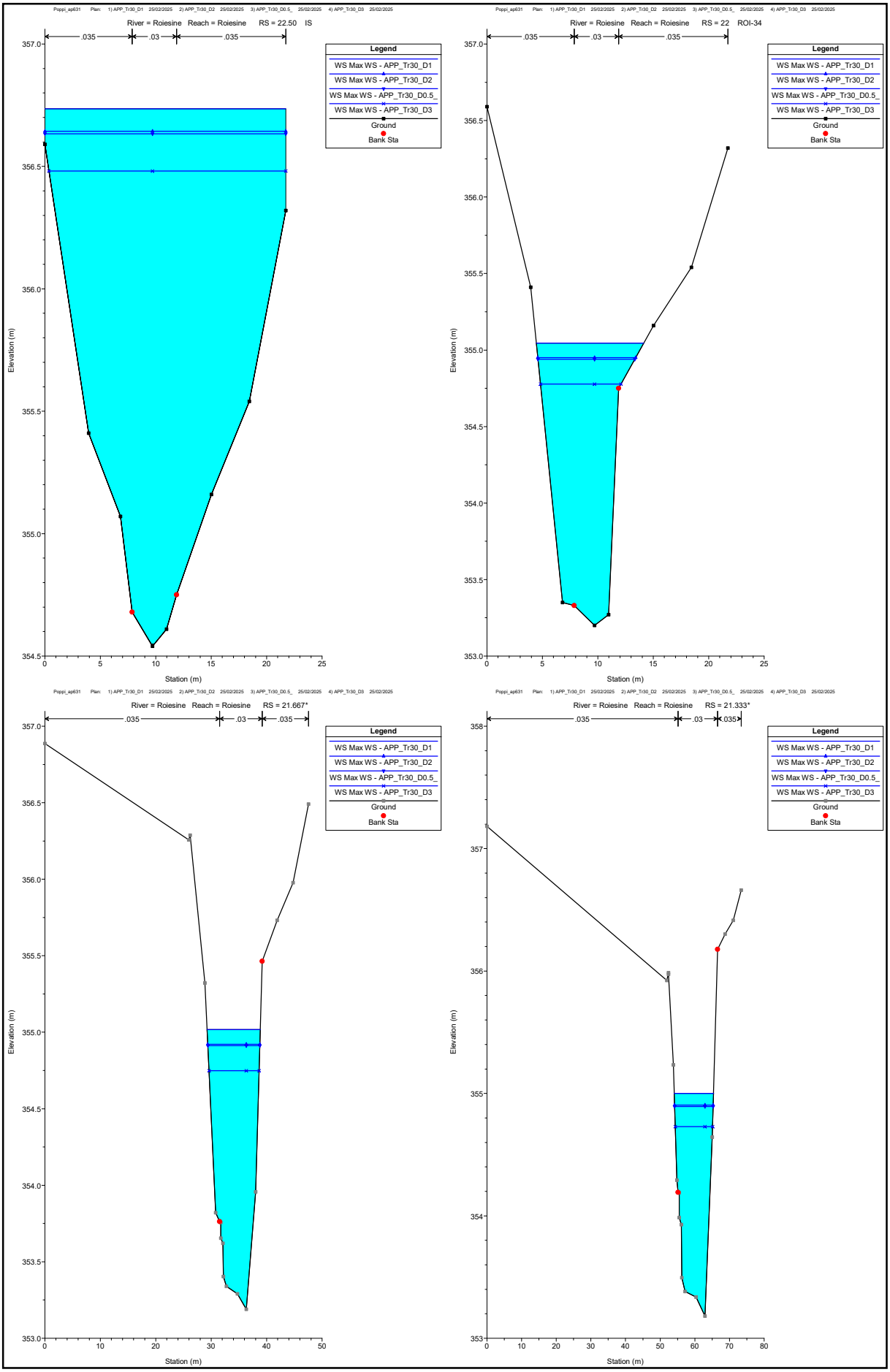
River = Roiesine Reach = Roiesine RS = 25.50 BR
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
River = Roiesine Reach = Roiesine RS = 25 ROI-36
River = Roiesine Reach = Roiesine RS = 24.000*
River = Roiesine Reach = Roiesine RS = 23 ROI-35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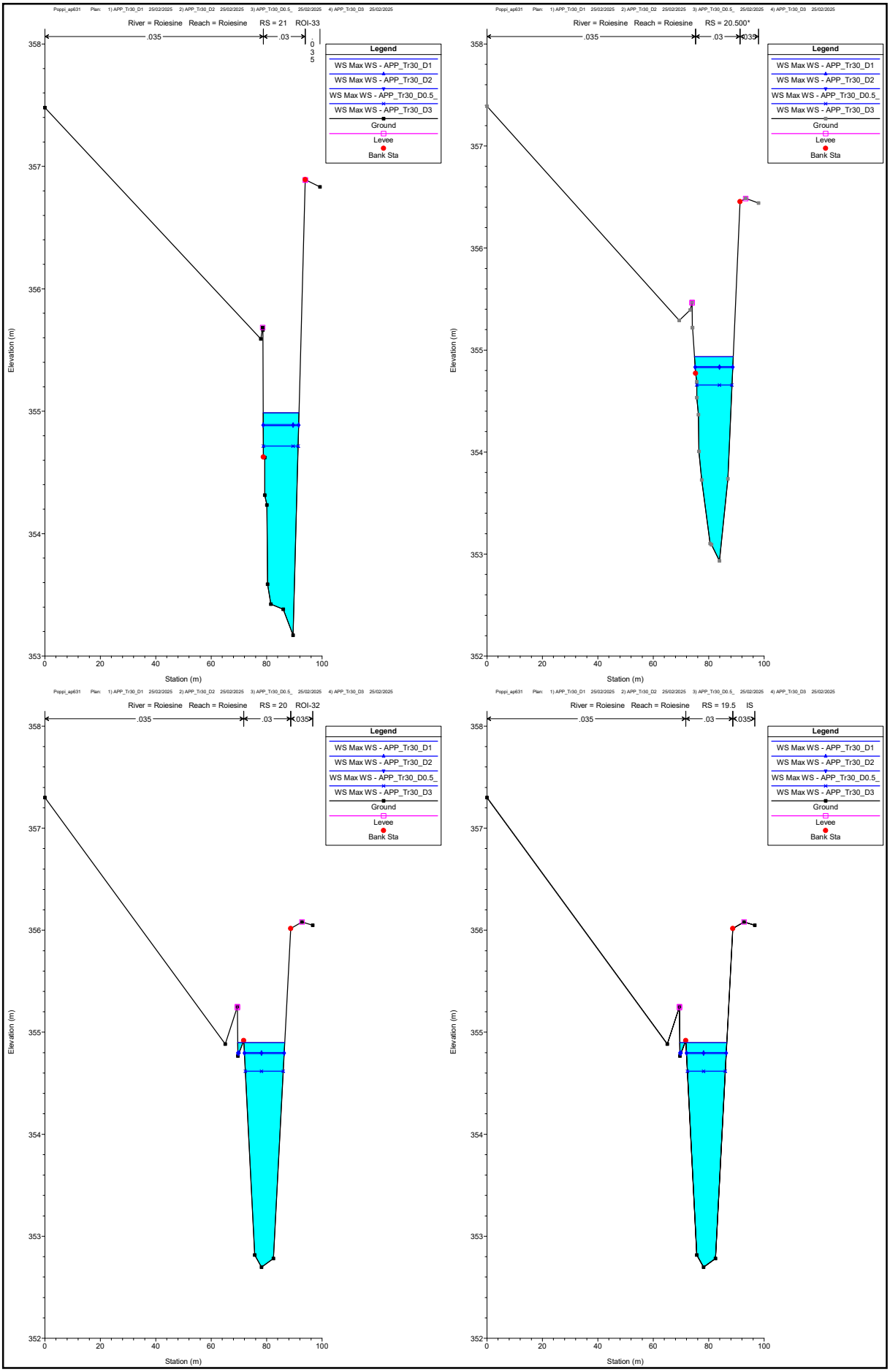
River = Roiesine Reach = Roiesine RS = 22.50 IS
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
River = Roiesine Reach = Roiesine RS = 22 ROI-34
River = Roiesine Reach = Roiesine RS = 21.667*
River = Roiesine Reach = Roiesine RS = 21.333*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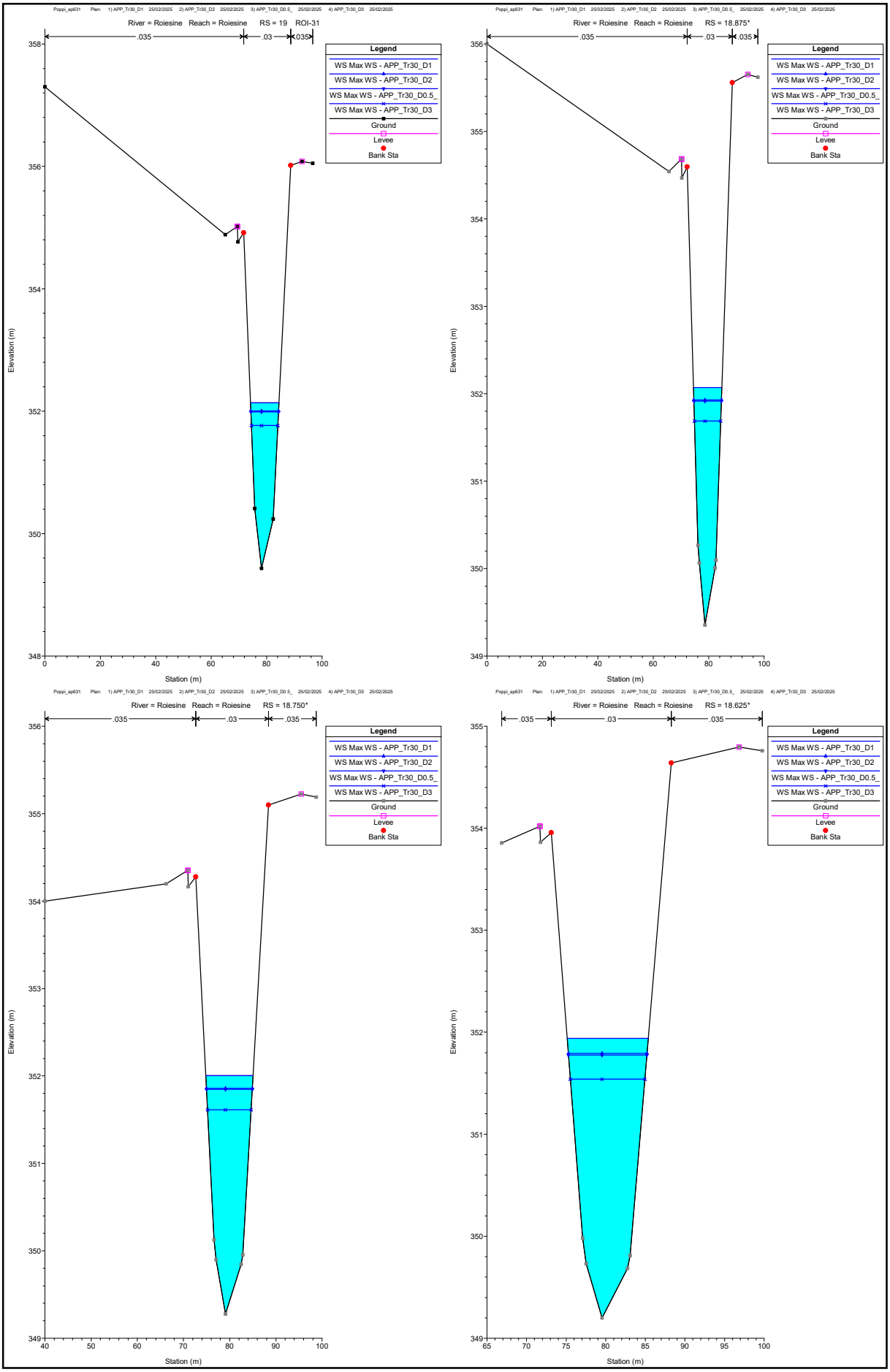
River = Roiesine Reach = Roiesine RS = 21 ROI-33
.035
.03
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
River = Roiesine Reach = Roiesine RS = 20.500*
River = Roiesine Reach = Roiesine RS = 20 ROI-32
River = Roiesine Reach = Roiesine RS = 19.5 IS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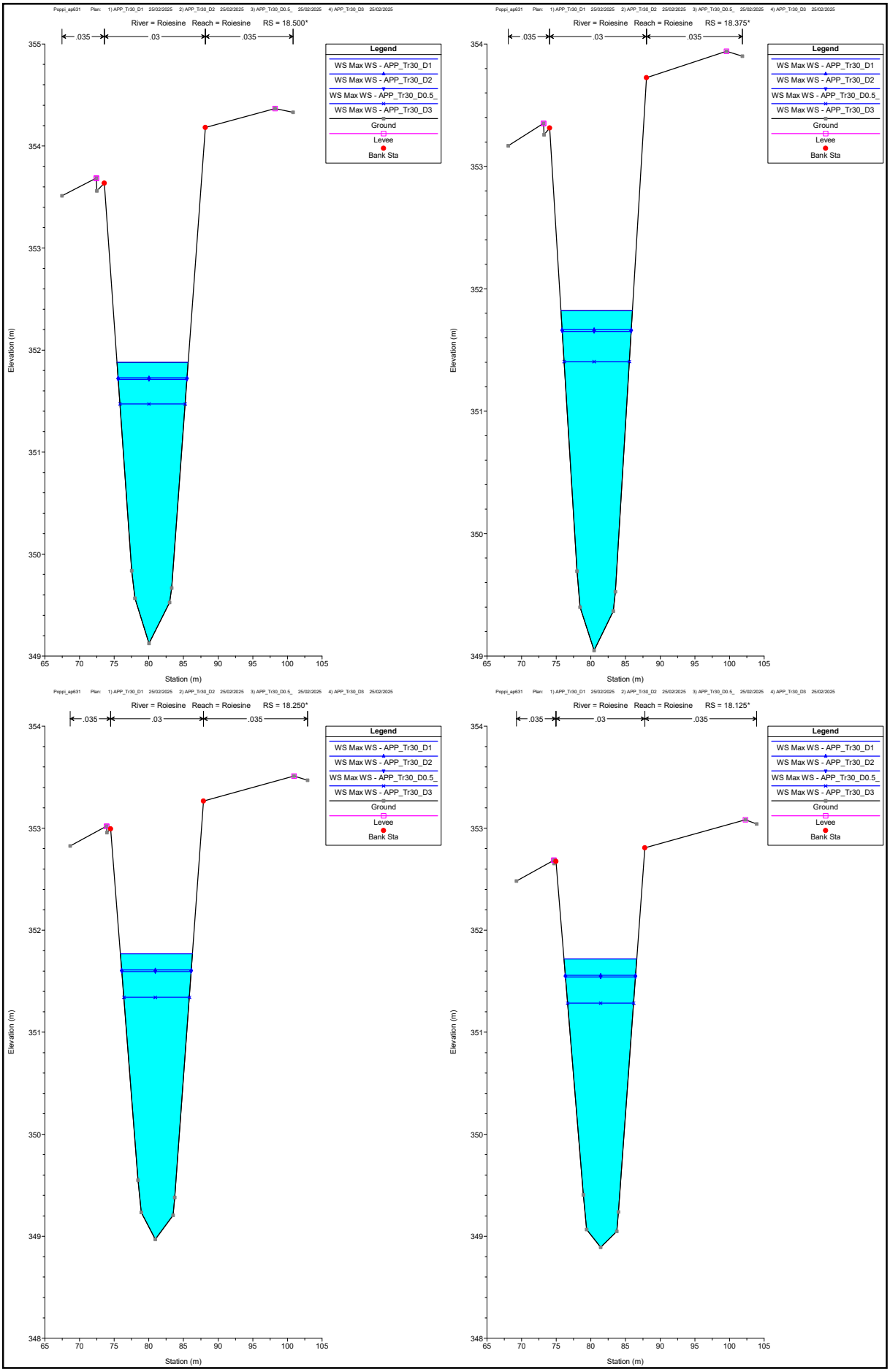
River = Roiesine Reach = Roiesine RS = 19 ROI-31
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 18.875*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 18.750*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 18.625*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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River = Roiesine Reach = Roiesine RS = 18.500*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 18.375*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 18.250*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 18.125*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
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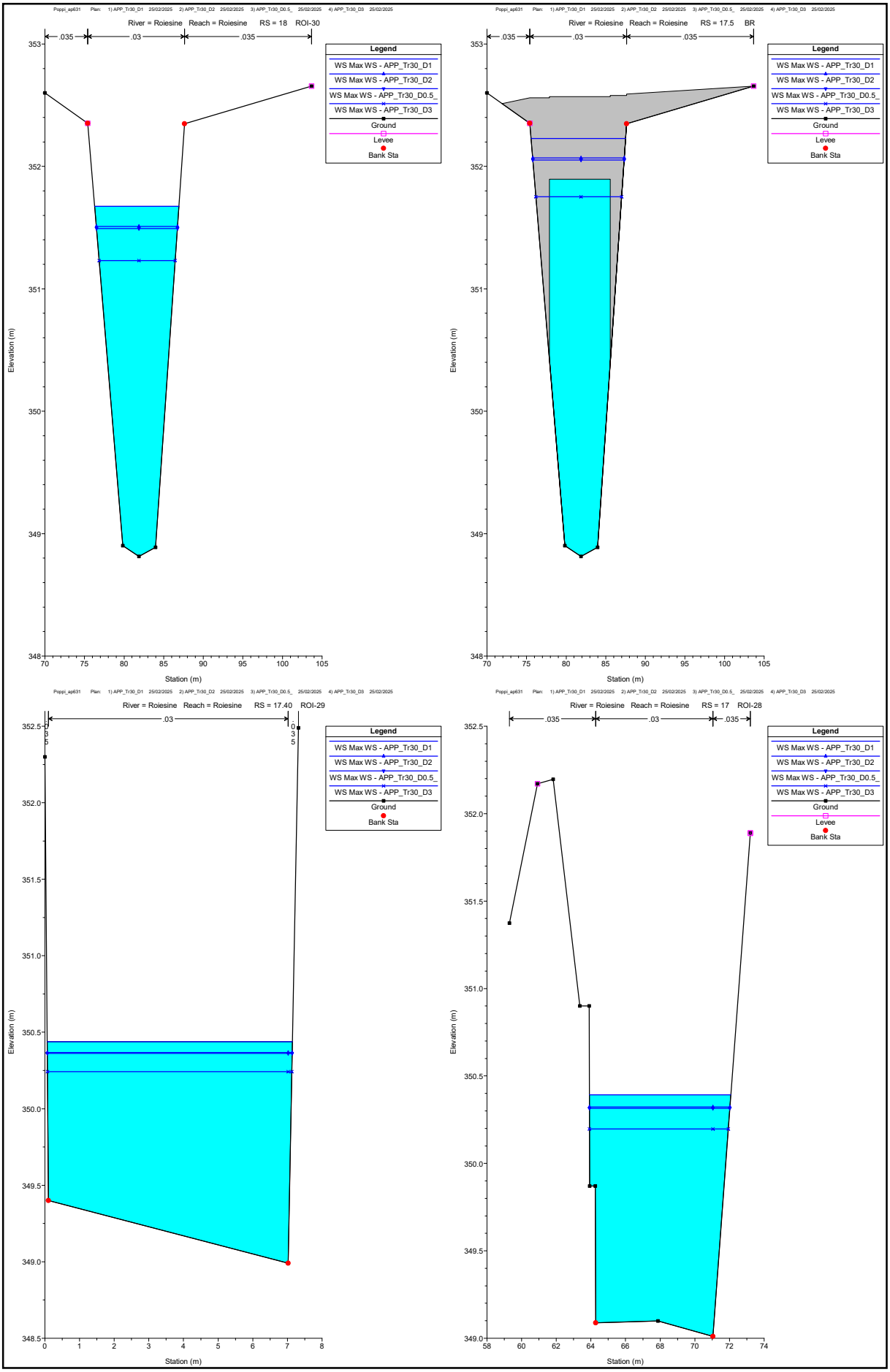
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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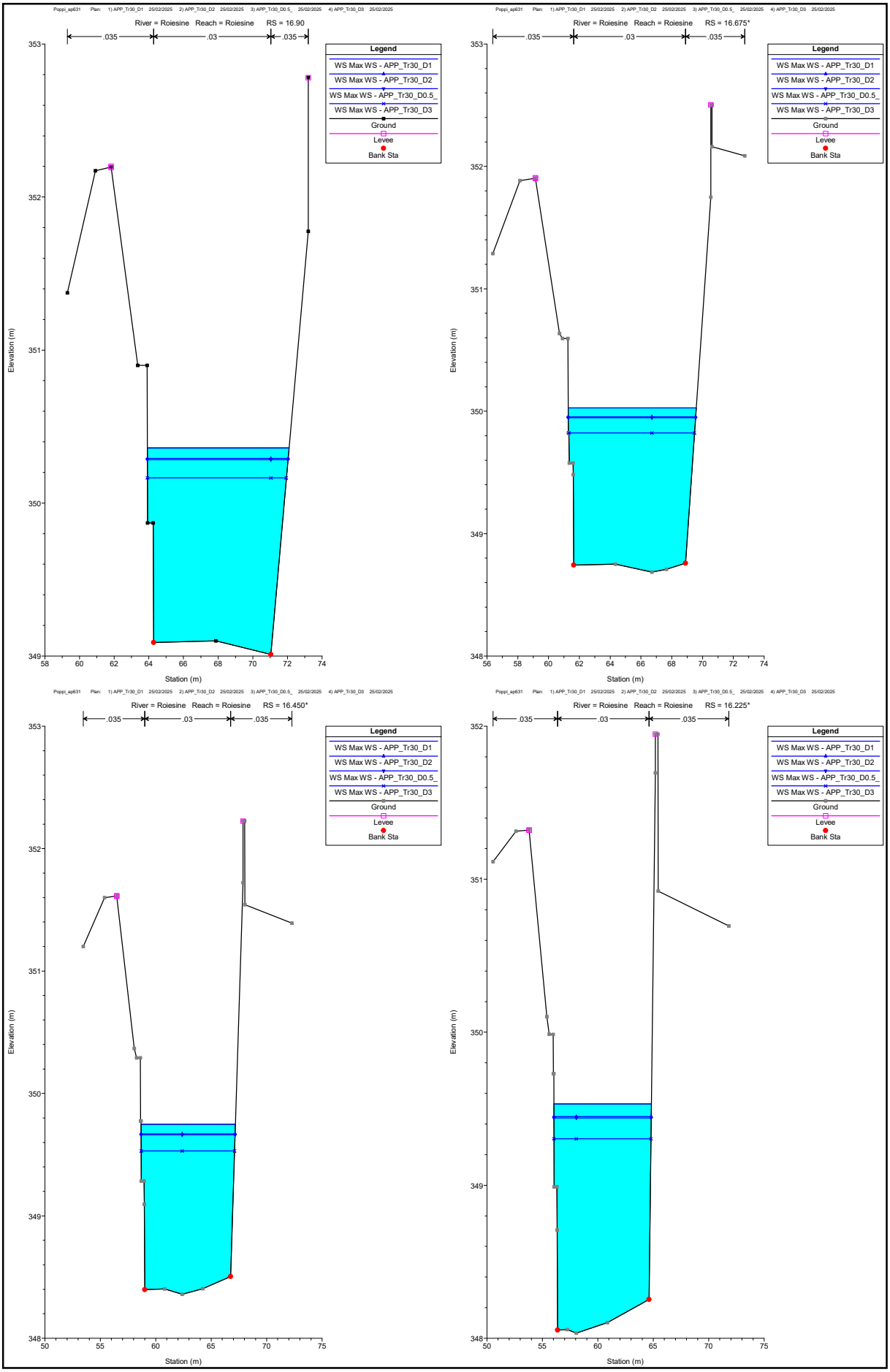
River = Roiesine Reach = Roiesine RS = 18 ROI-30
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 17.5 BR
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 17.40 ROI-29
.03
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 17 ROI-28
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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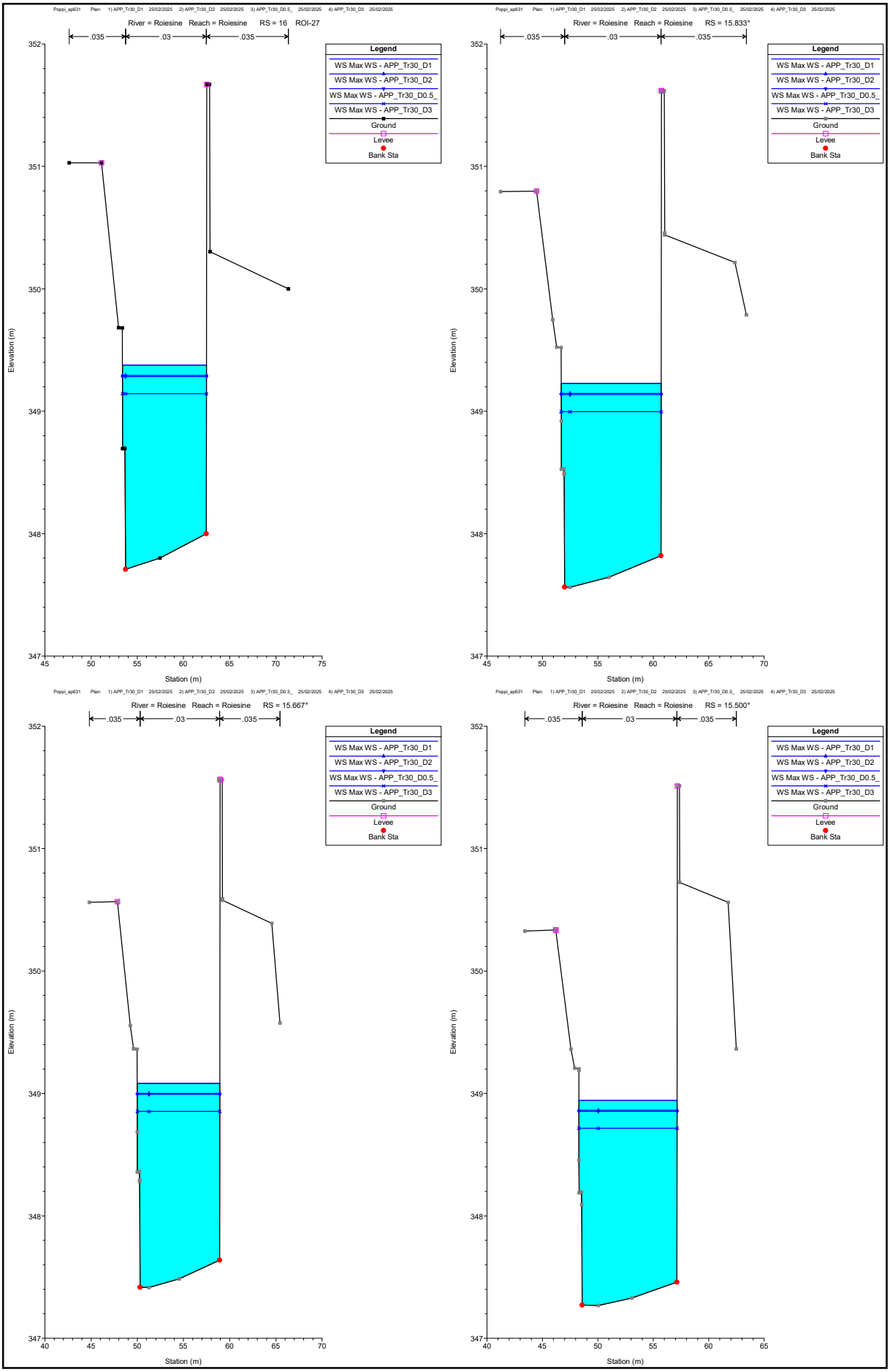
River = Roiesine Reach = Roiesine RS = 16.90
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 16.675*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 16.450*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 16.225*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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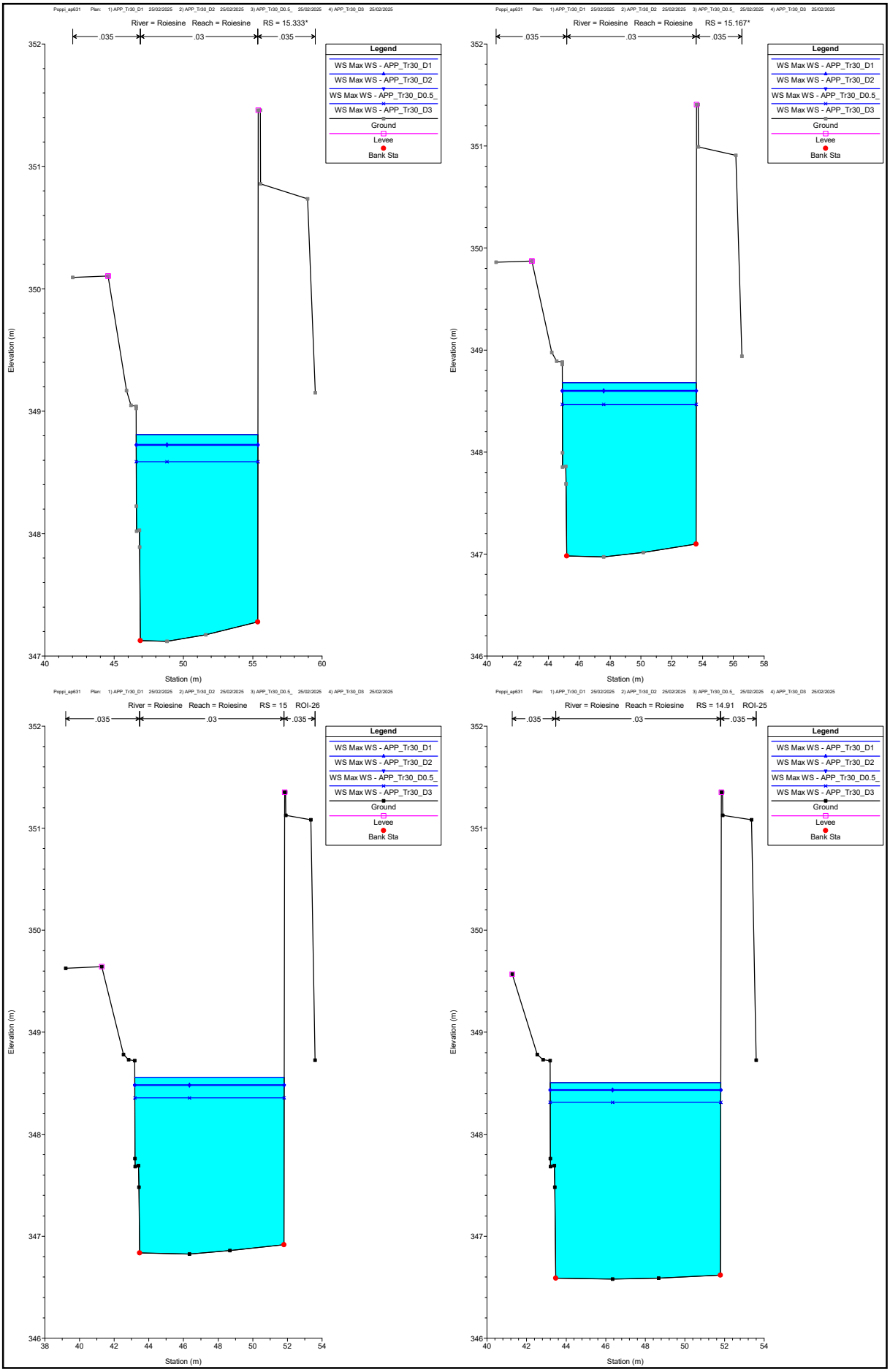
River = Roiesine Reach = Roiesine RS = 16 ROI-27
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 15.833*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 15.667*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 15.500*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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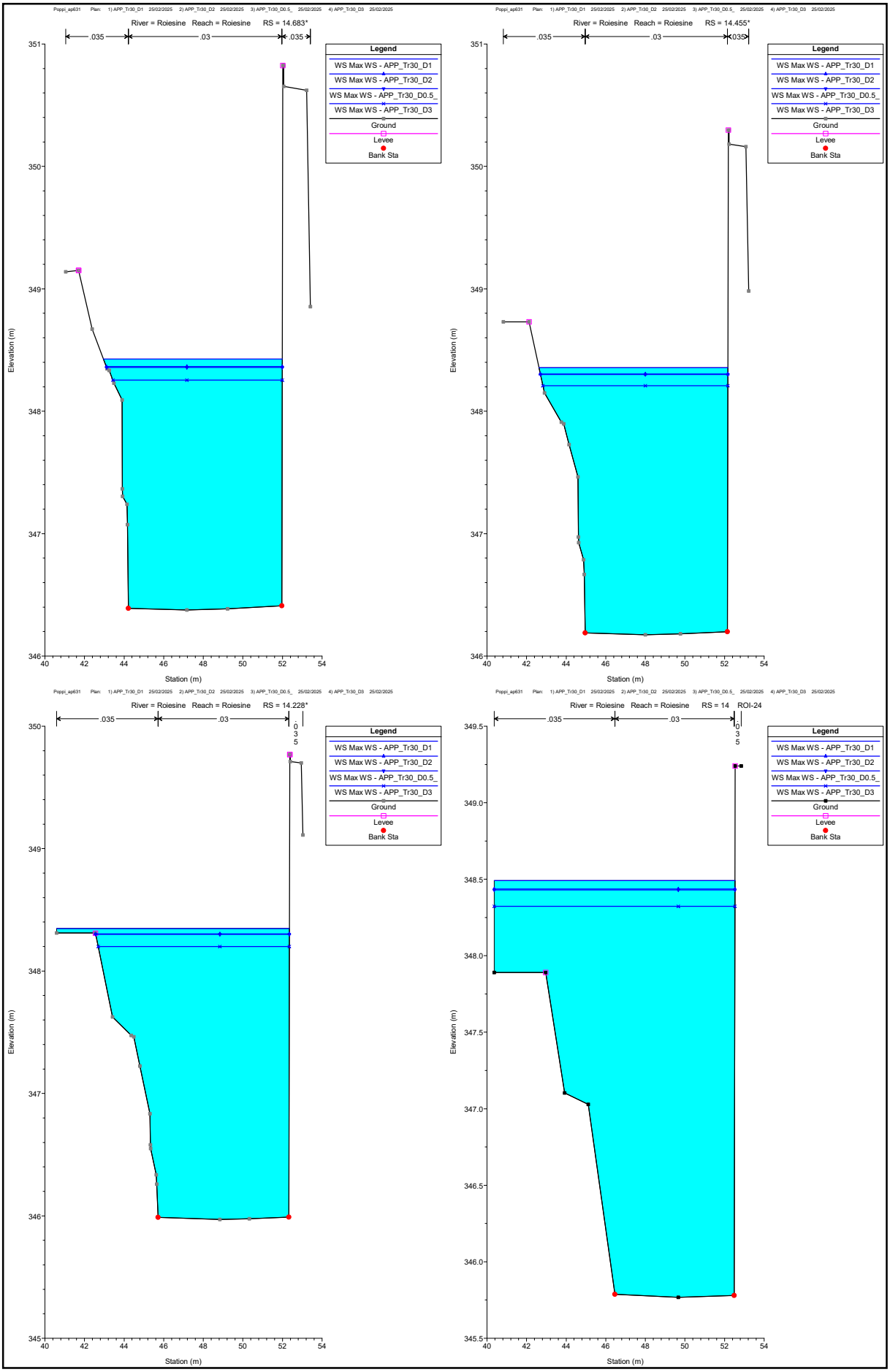
River = Roiesine Reach = Roiesine RS = 15.333*
.035
.03
.035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 15.167*
.035
.03
.035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 15 ROI-26
.035
.03
.035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 14.91 ROI-25
.035
.03
.035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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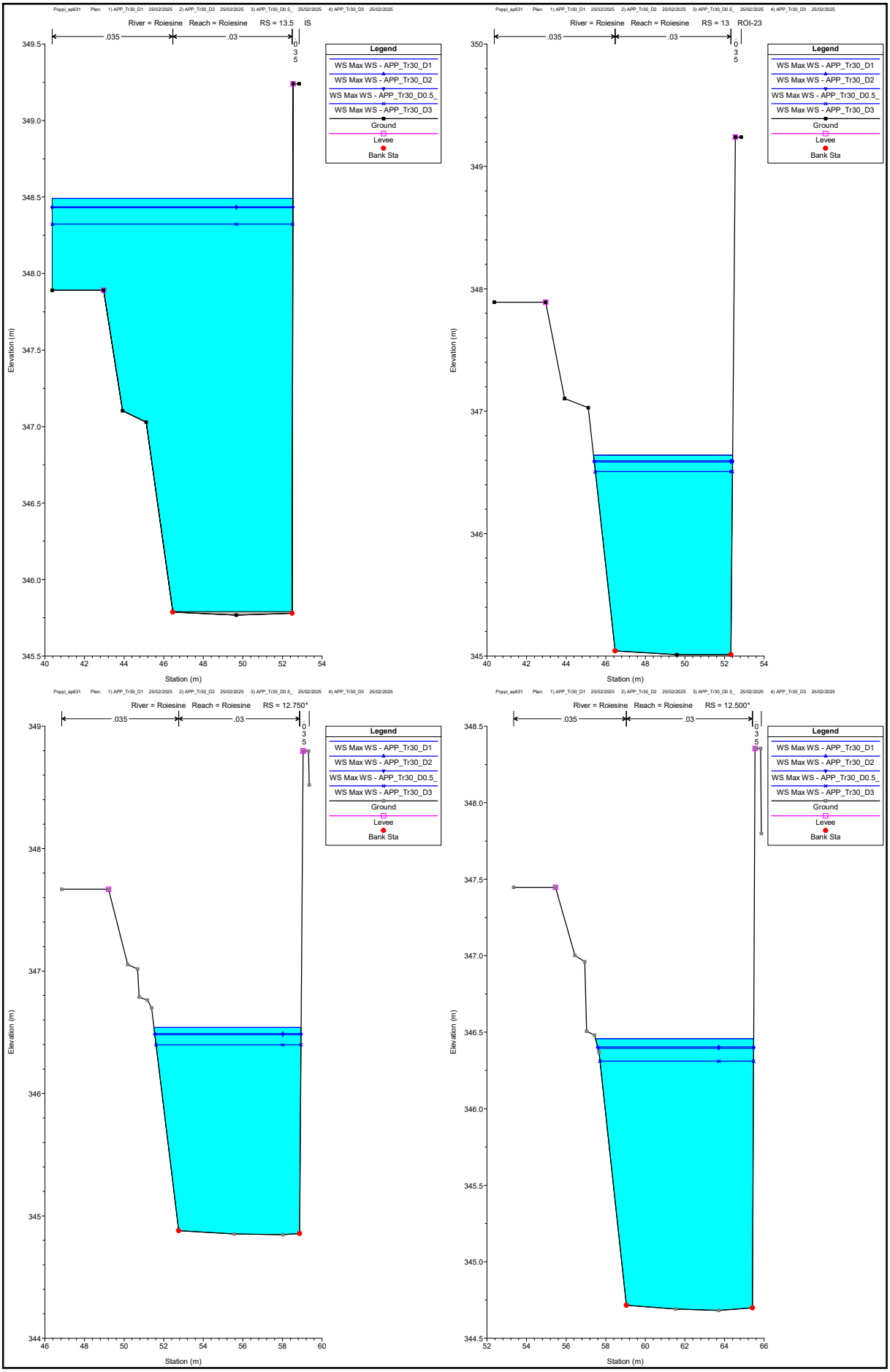
River = Roiesine Reach = Roiesine RS = 14.683*
.035
.03
.035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 14.455*
.035
.03
.035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 14.228*
.035
.03
.035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 14 ROI-24
.035
.03
.035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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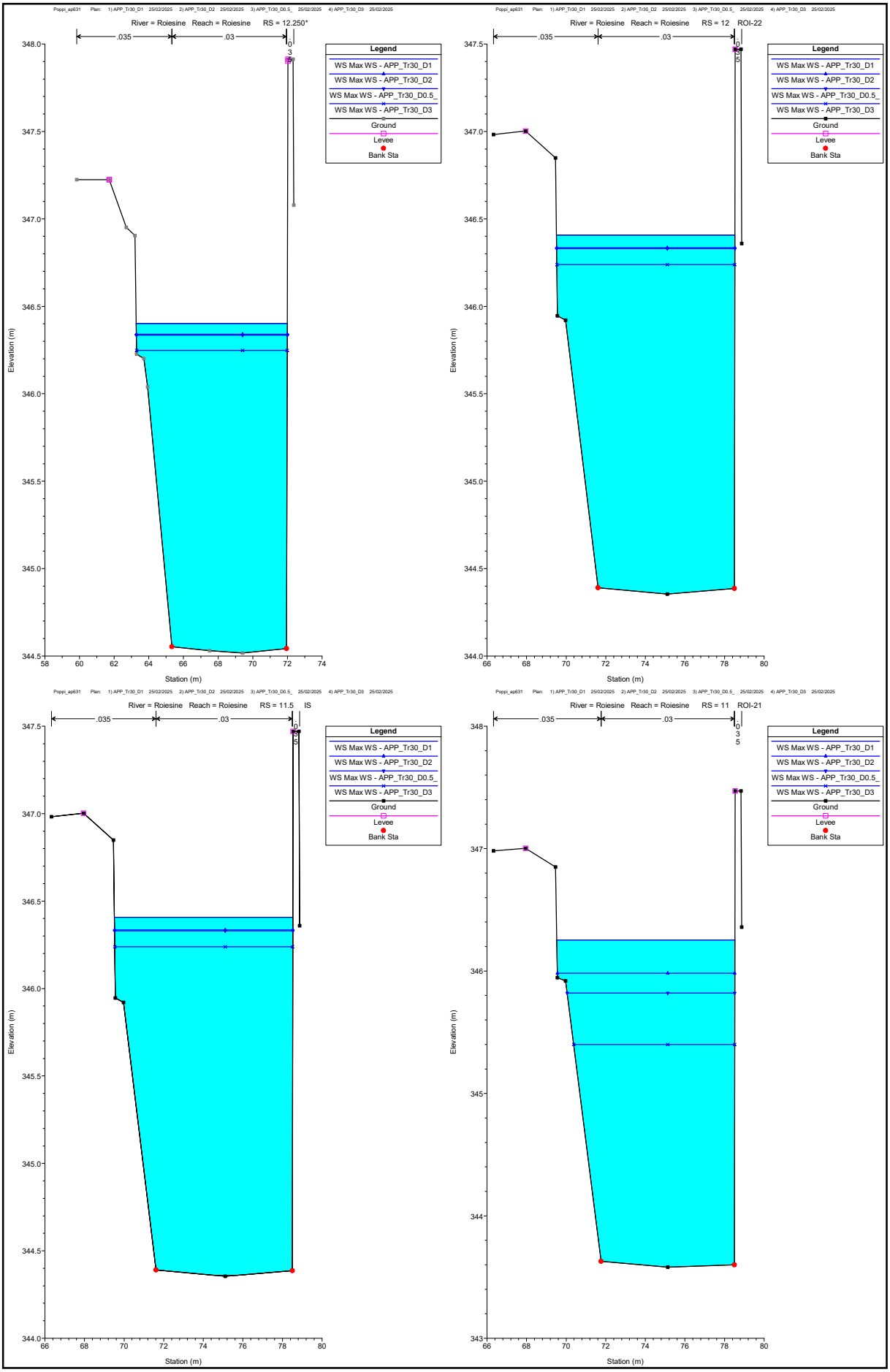
River = Roiesine Reach = Roiesine RS = 13.5 IS
.035
.03
.035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 13 ROI-23
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 12.750*
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 12.500*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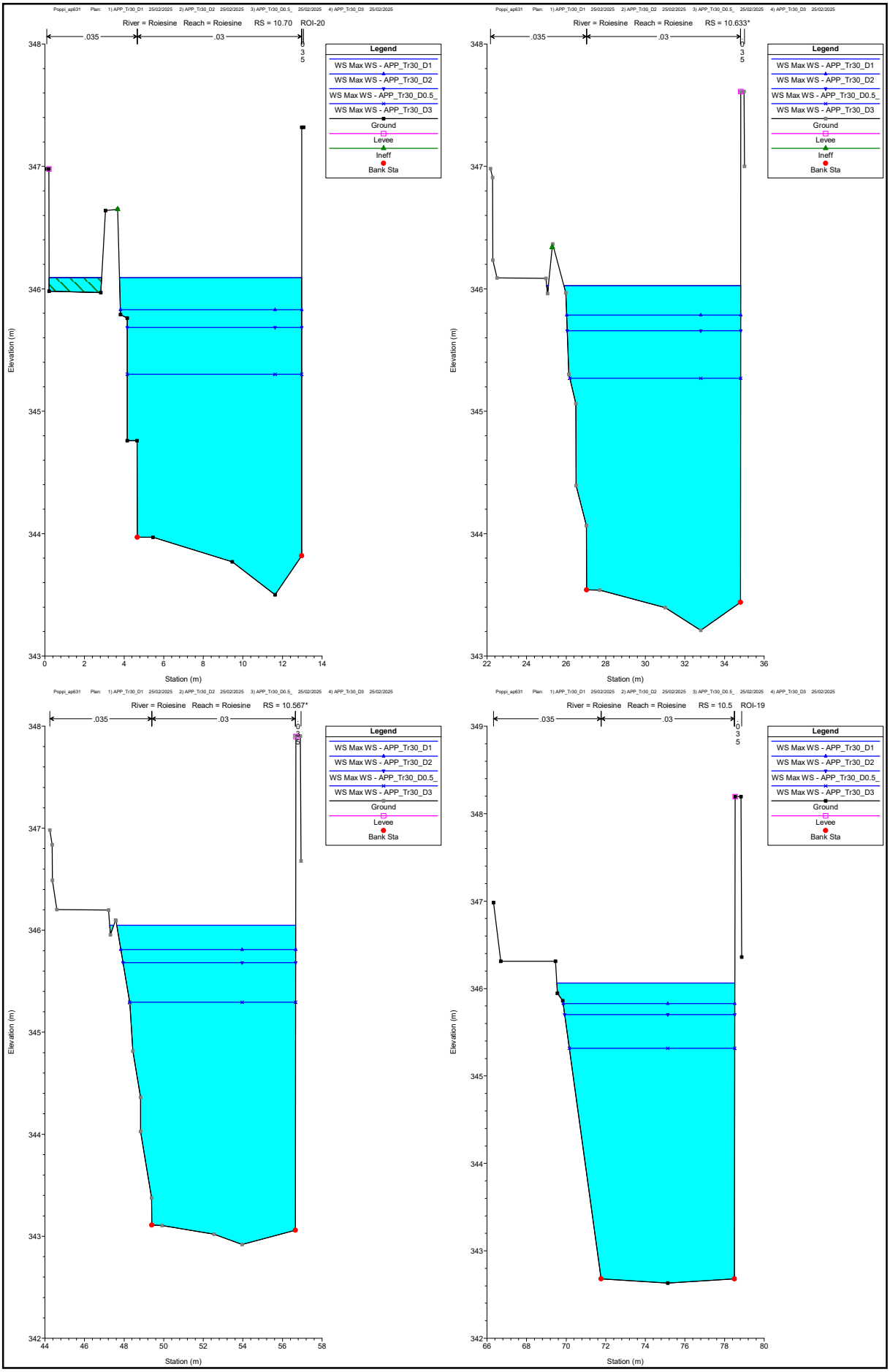
River = Roiesine Reach = Roiesine RS = 12.250*
.035
.03
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 12 ROI-22
.035
.03
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 11.5 IS
.035
.03
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 11 ROI-21
.035
.03
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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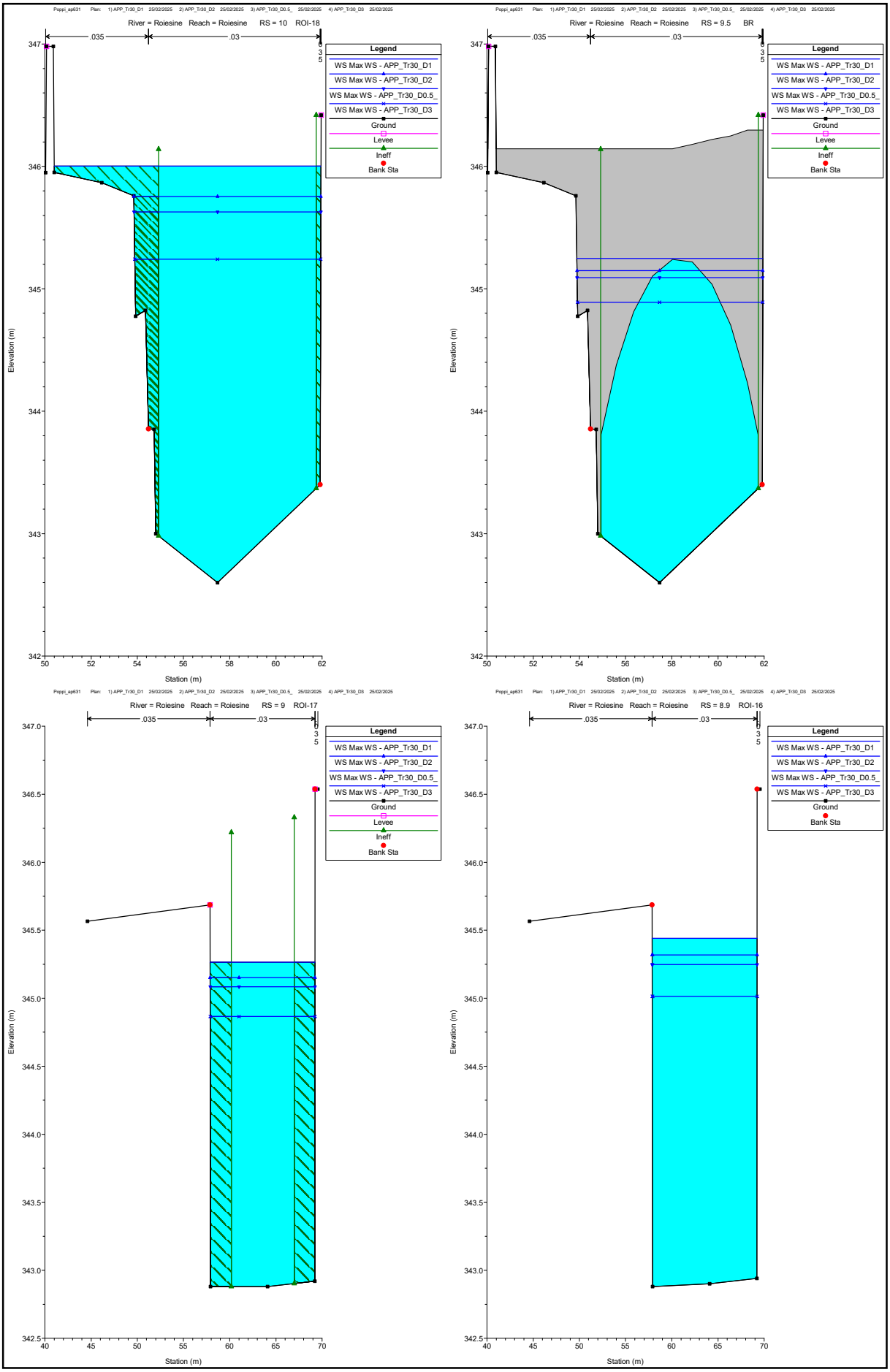
River = Roiesine Reach = Roiesine RS = 10.70 ROI-20
.035
.03
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Ineff
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 10.633*
.035
.03
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Ineff
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 10.567*
.035
.03
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 10.5 ROI-19
.035
.03
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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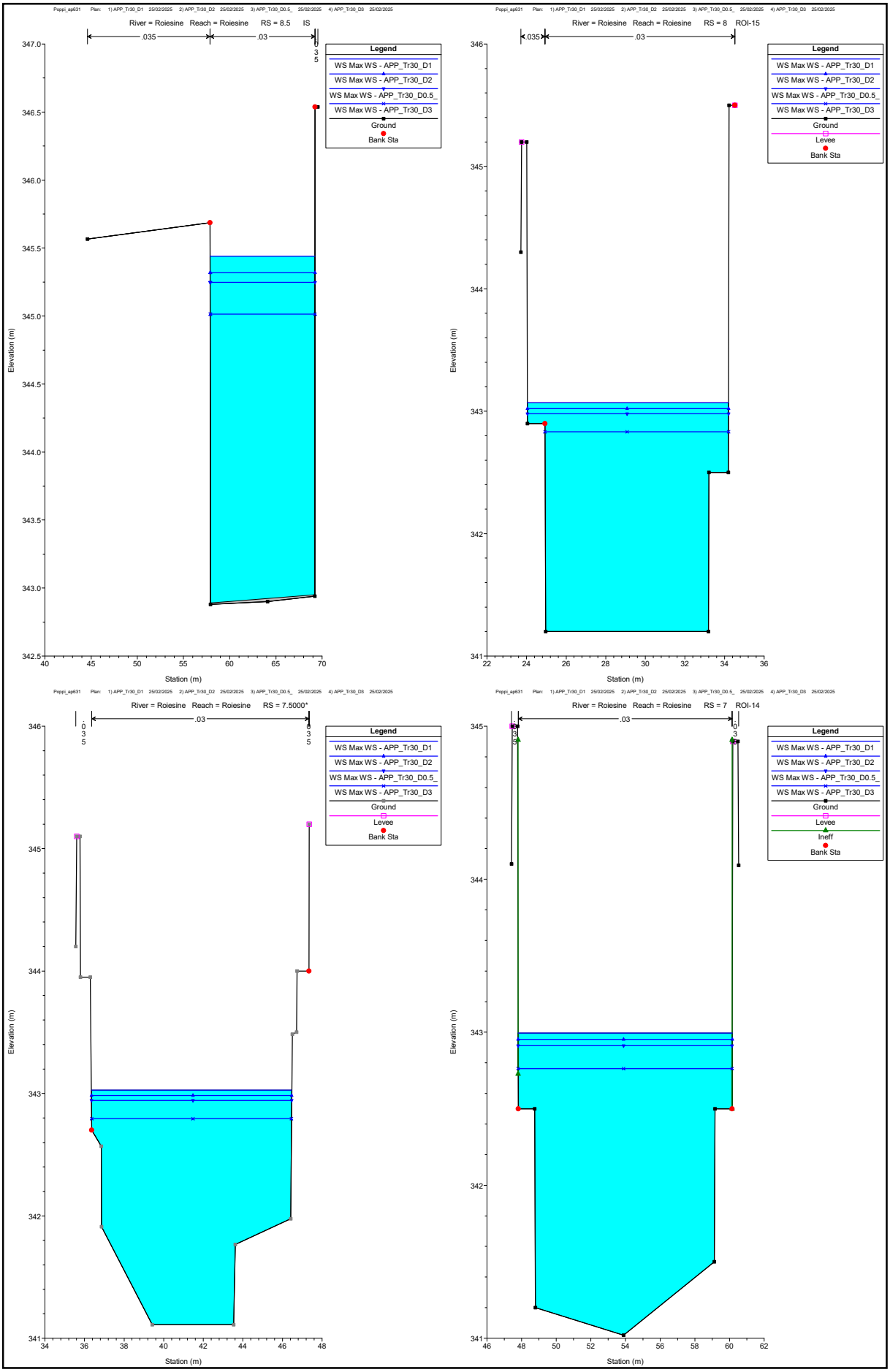
River = Roiesine Reach = Roiesine RS = 10 ROI-18
.035
.03
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Ineff
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 9.5 BR
.035
.03
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Ineff
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 9 ROI-17
.035
.03
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Ineff
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 8.9 ROI-16
.035
.03
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)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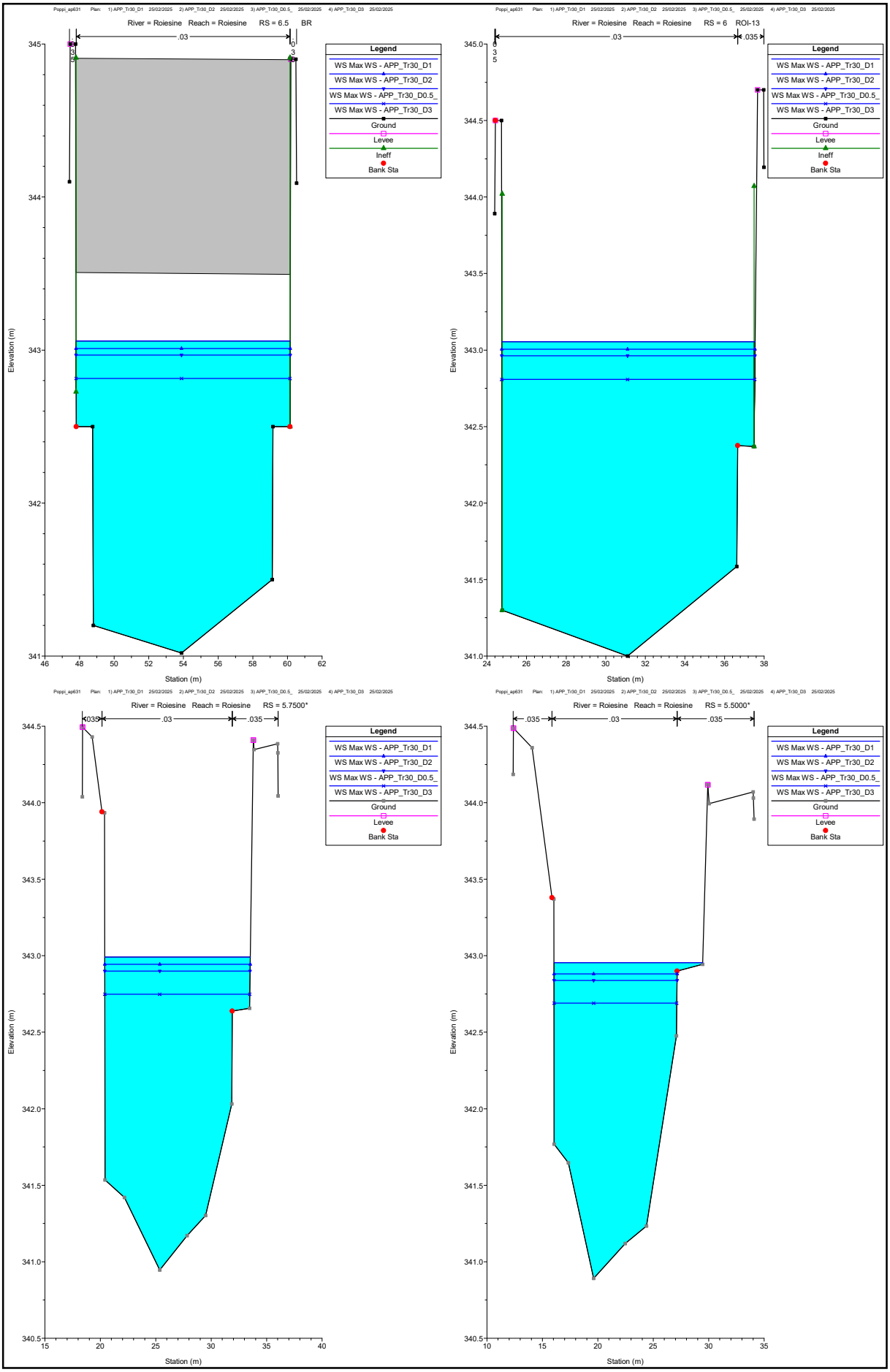
River = Roiesine Reach = Roiesine RS = 8.5 IS
.035
.03
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 8 ROI-15
.035
.03
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 7.5000*
.03
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 7 ROI-14
.03
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Ineff
Bank Sta
Elevation (m)
Station (m)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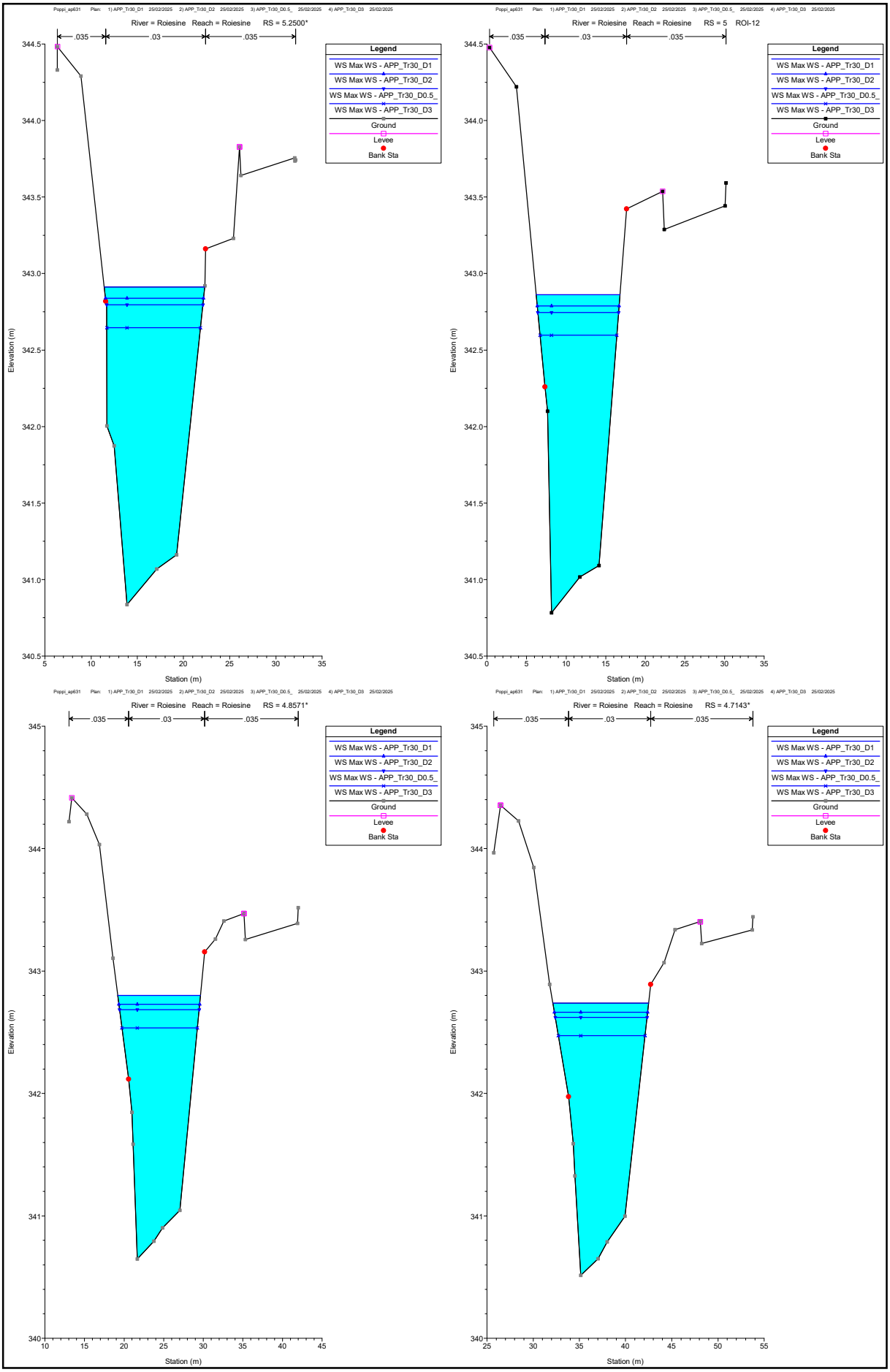
River = Roiesine Reach = Roiesine RS = 6.5 BR
.03
.03
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Ineff
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 6 ROI-13
.03
.035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Ineff
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 5.7500*
.035
.03
.035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 5.5000*
.035
.03
.035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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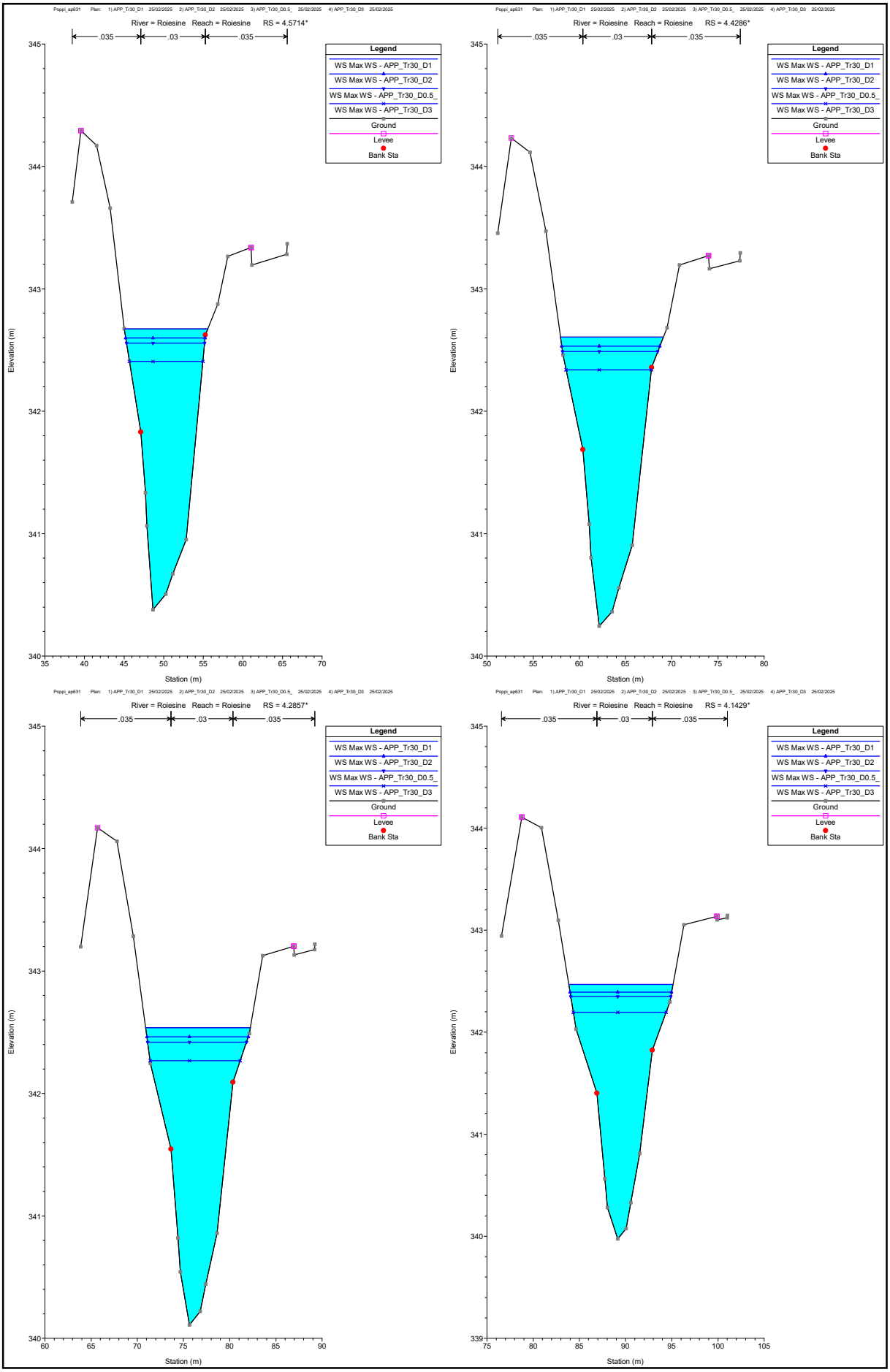
River = Roiesine Reach = Roiesine RS = 5.2500*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 5 ROI-12
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 4.8571*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 4.7143*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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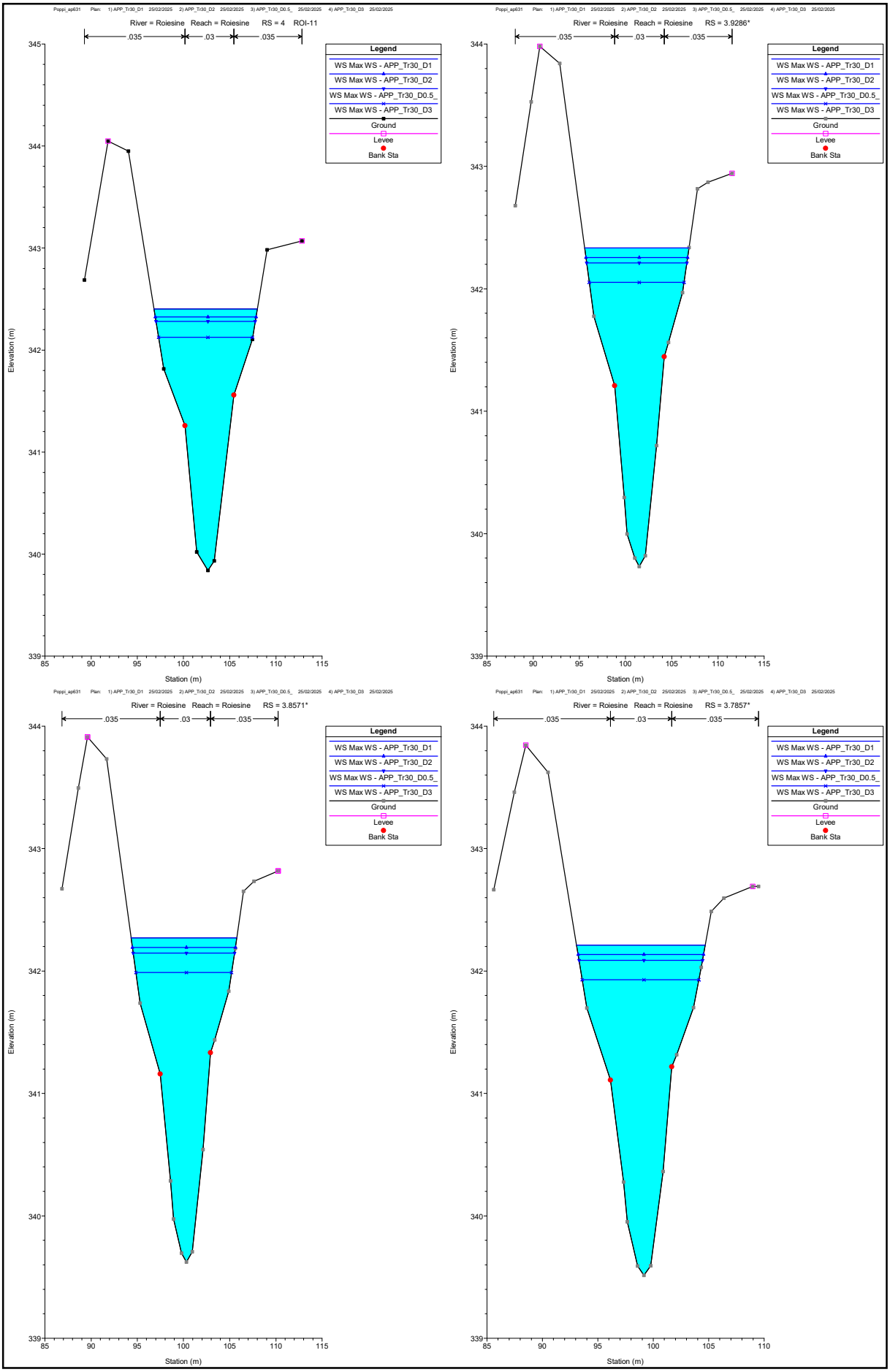
River = Roiesine Reach = Roiesine RS = 4.5714*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 4.4286*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 4.2857*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 4.1429*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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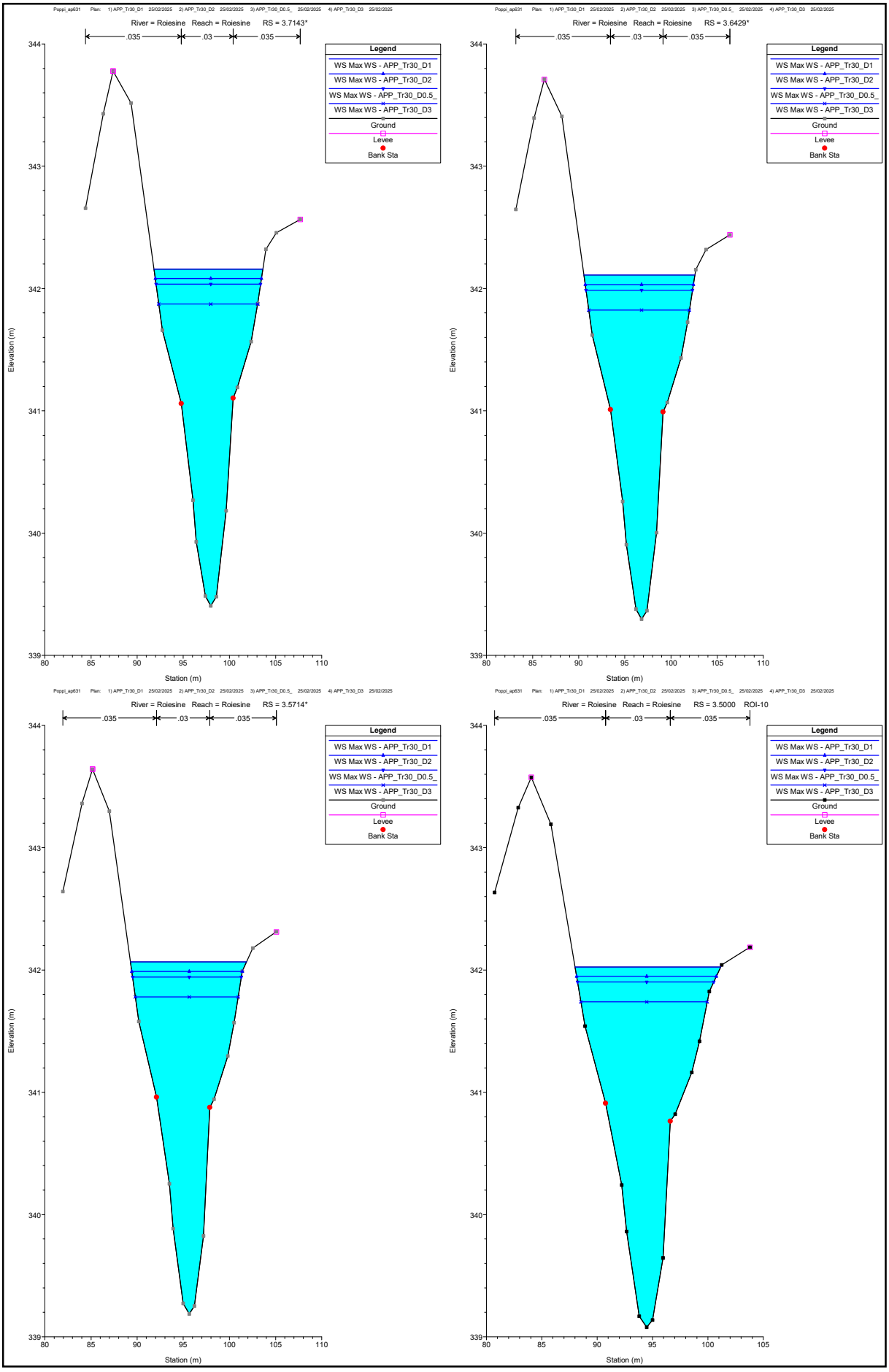
River = Roiesine Reach = Roiesine RS = 4 ROI-11
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 3.9286*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 3.8571*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 3.7857*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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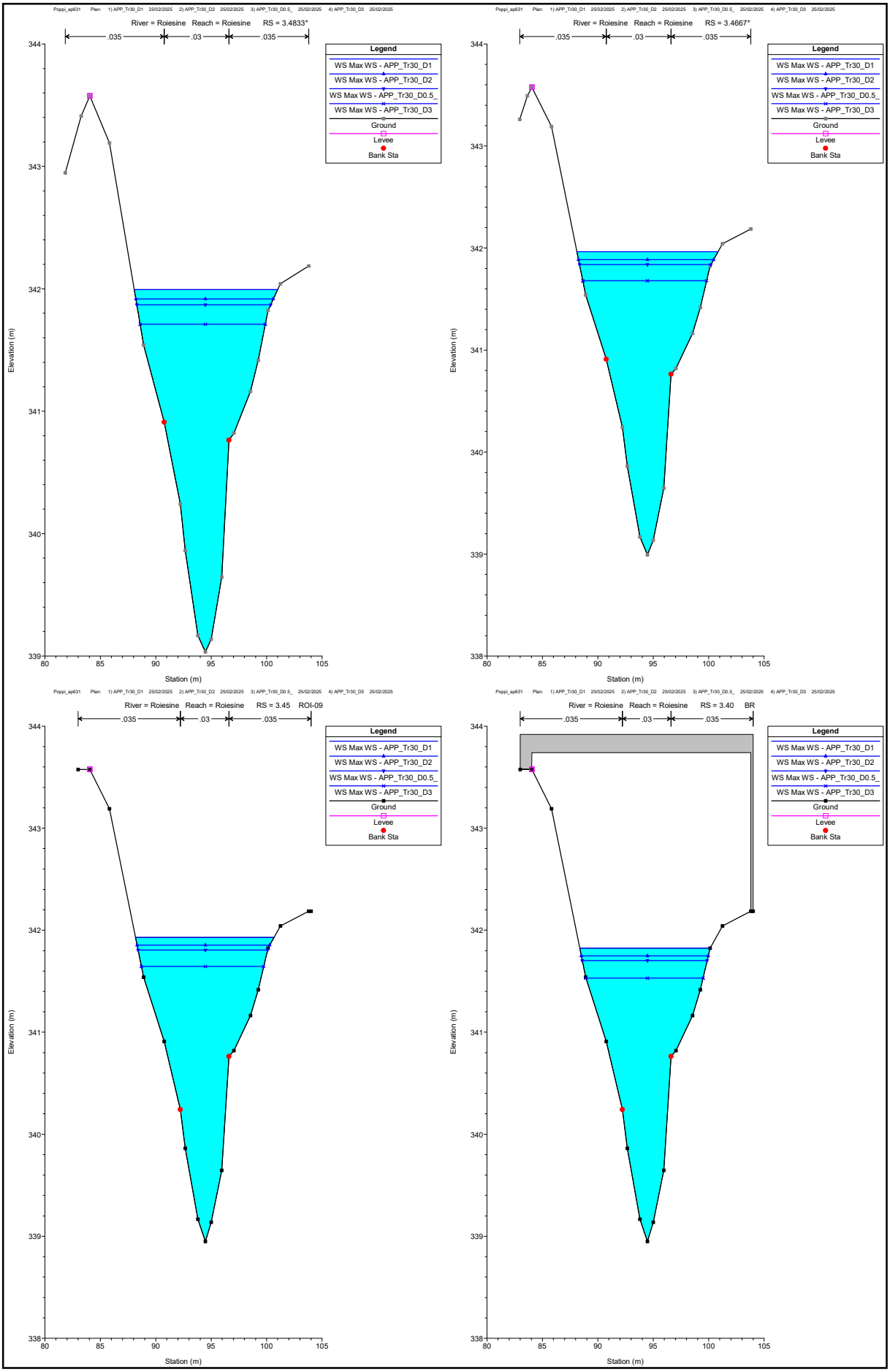
River = Roiesine Reach = Roiesine RS = 3.7143*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 3.6429*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 3.5714*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 3.5000 ROI-10
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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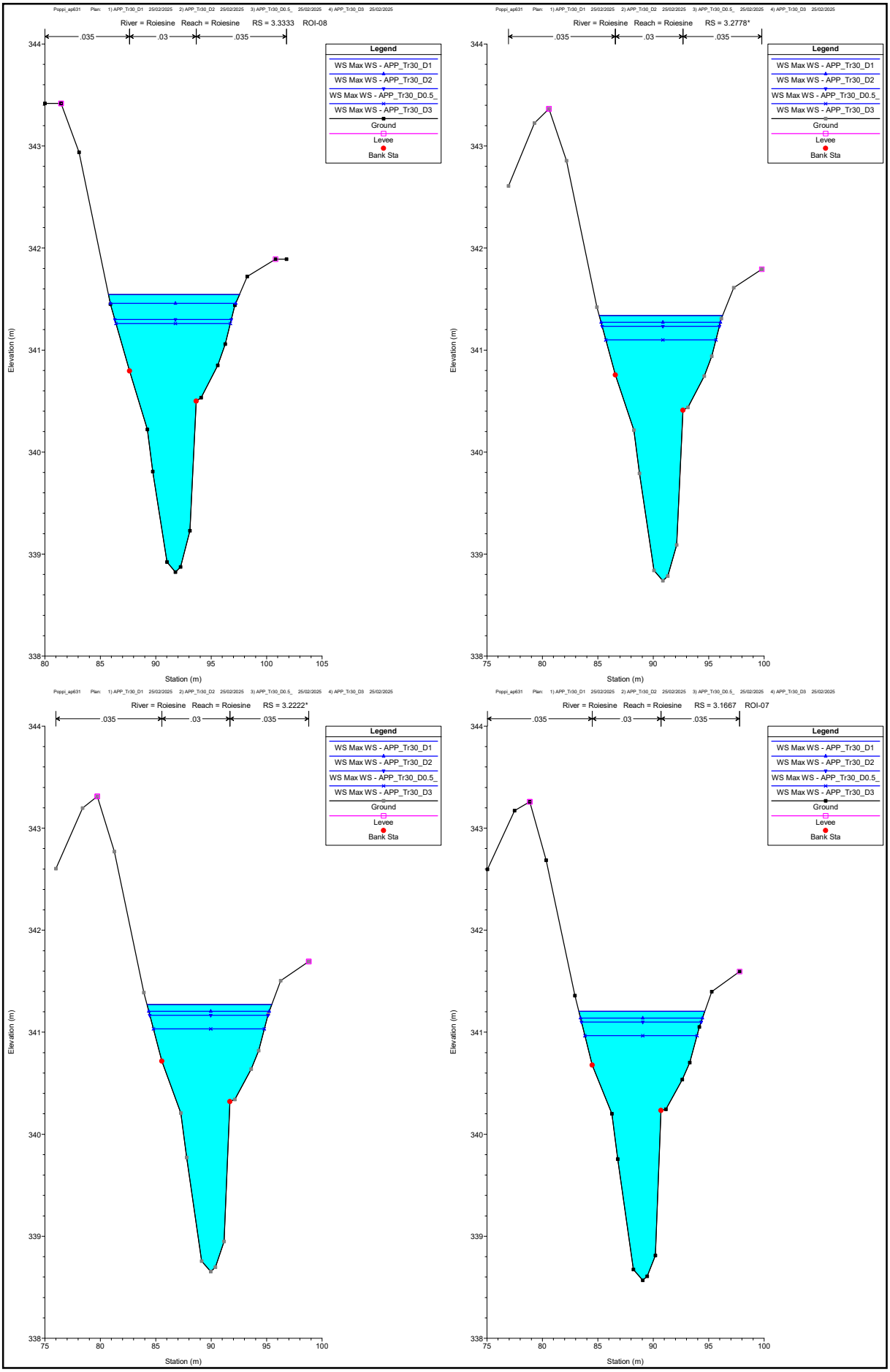
River = Roiesine Reach = Roiesine RS = 3.4833*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 3.4667*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 3.45 ROI-09
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 3.40 BR
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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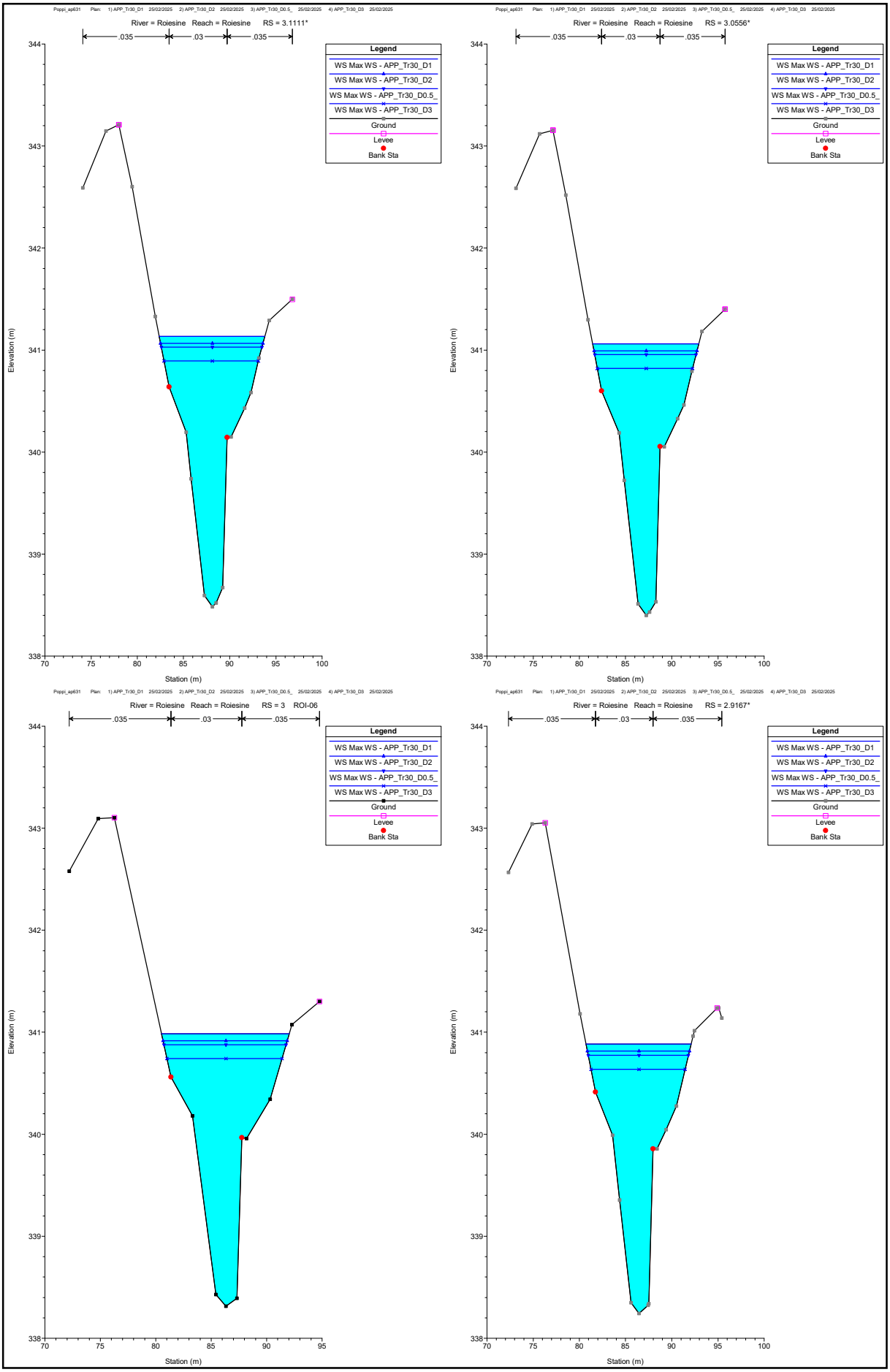
River = Roiesine Reach = Roiesine RS = 3.3333 ROI-08
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 3.2778*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 3.2222*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 3.1667 ROI-07
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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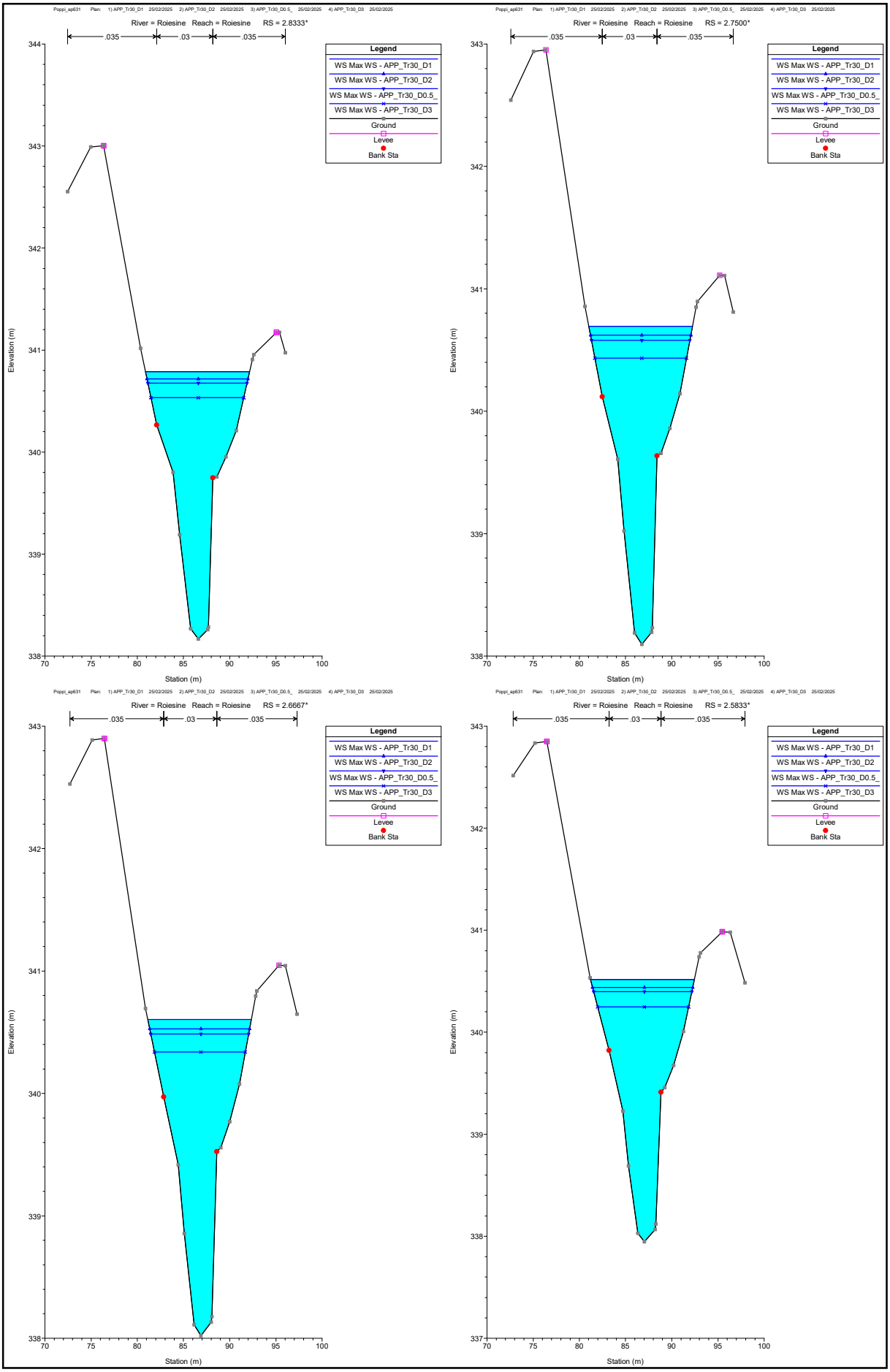
River = Roiesine Reach = Roiesine RS = 3.1111*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 3.0556*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 3 ROI-06
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 2.9167*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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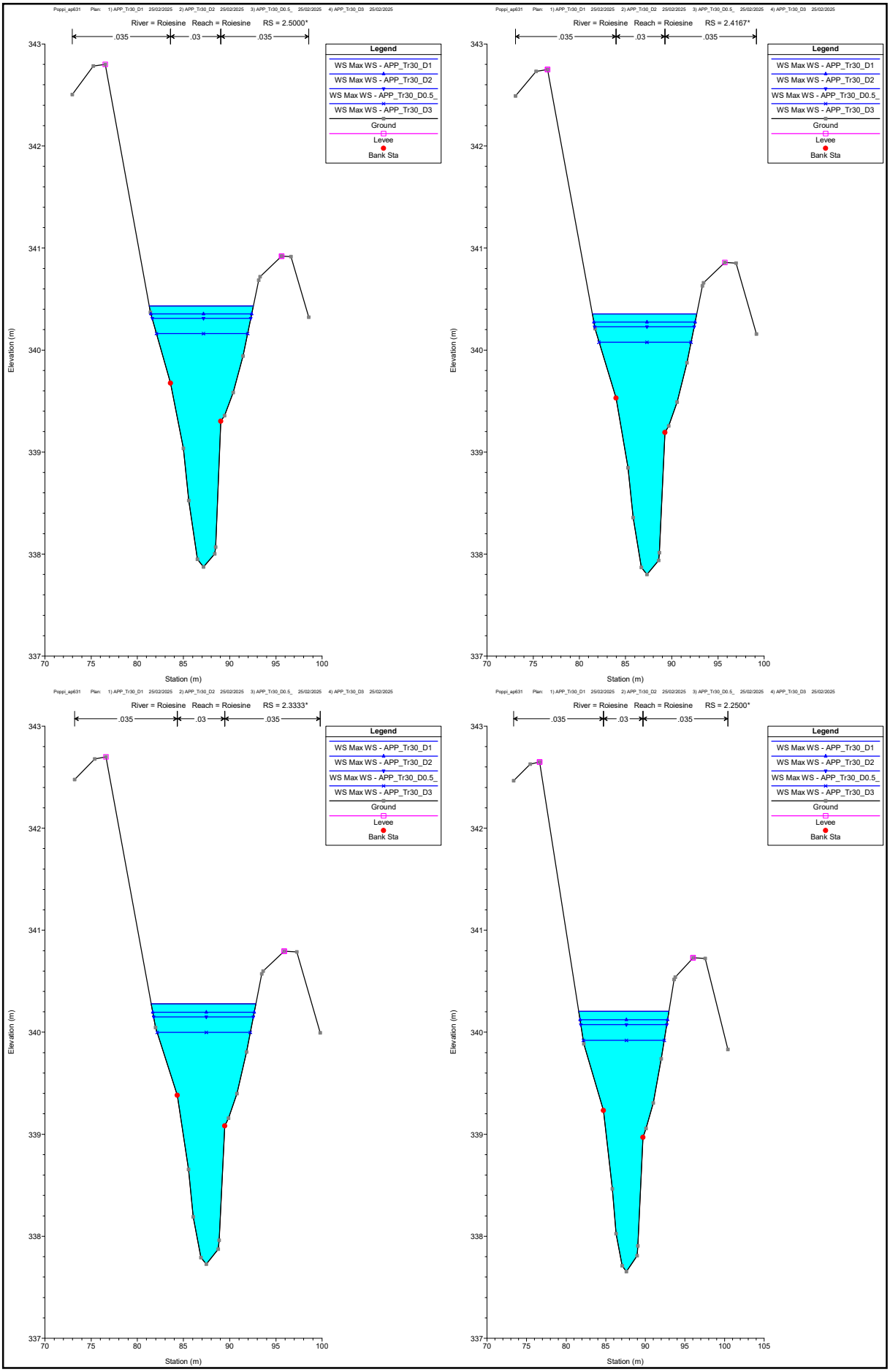
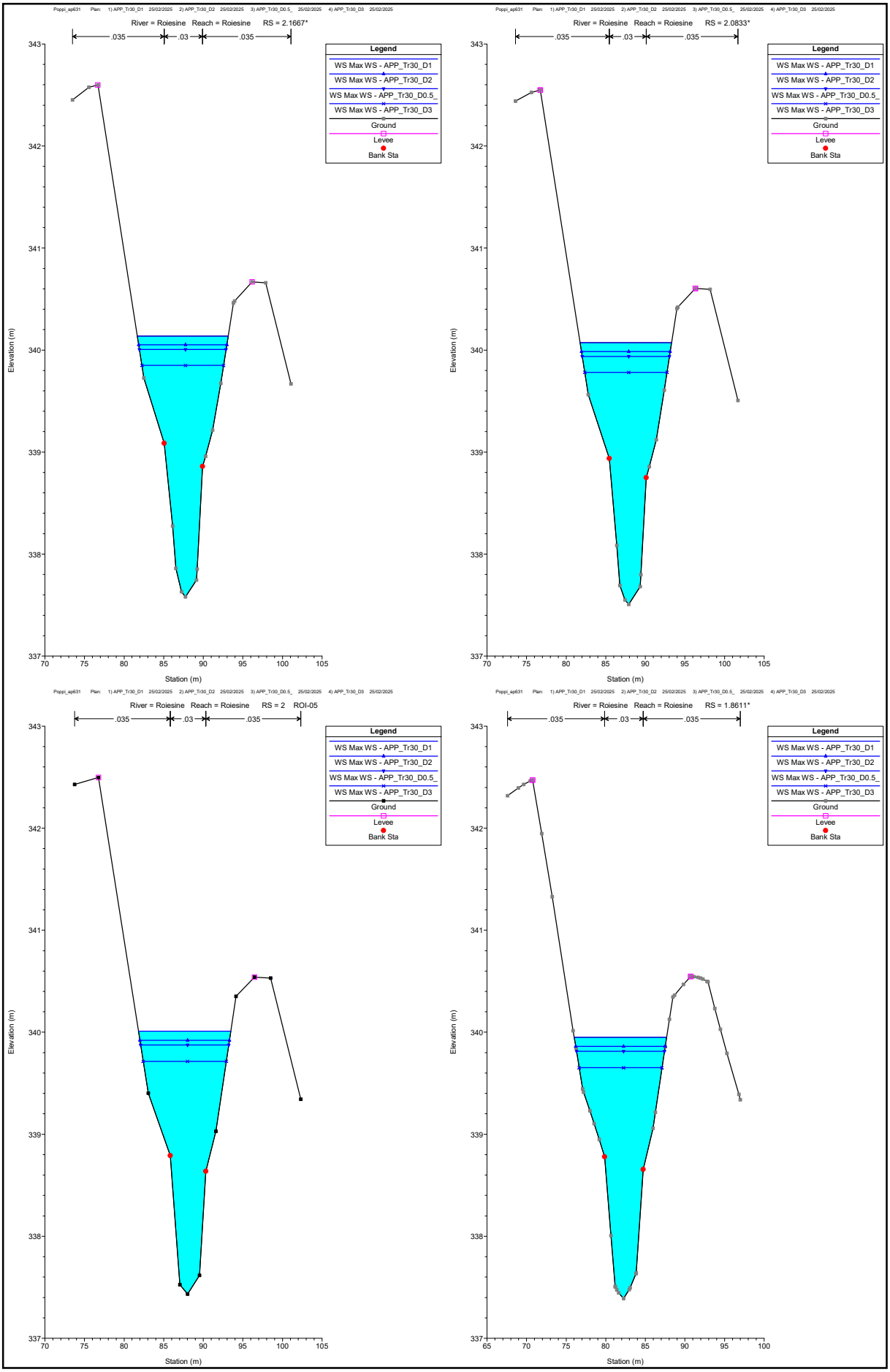
River = Roiesine Reach = Roiesine RS = 2.8333*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 2.7500*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 2.6667*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 2.5833*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)


Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 2.5000*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 2.4167*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 2.3333*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 2.2500*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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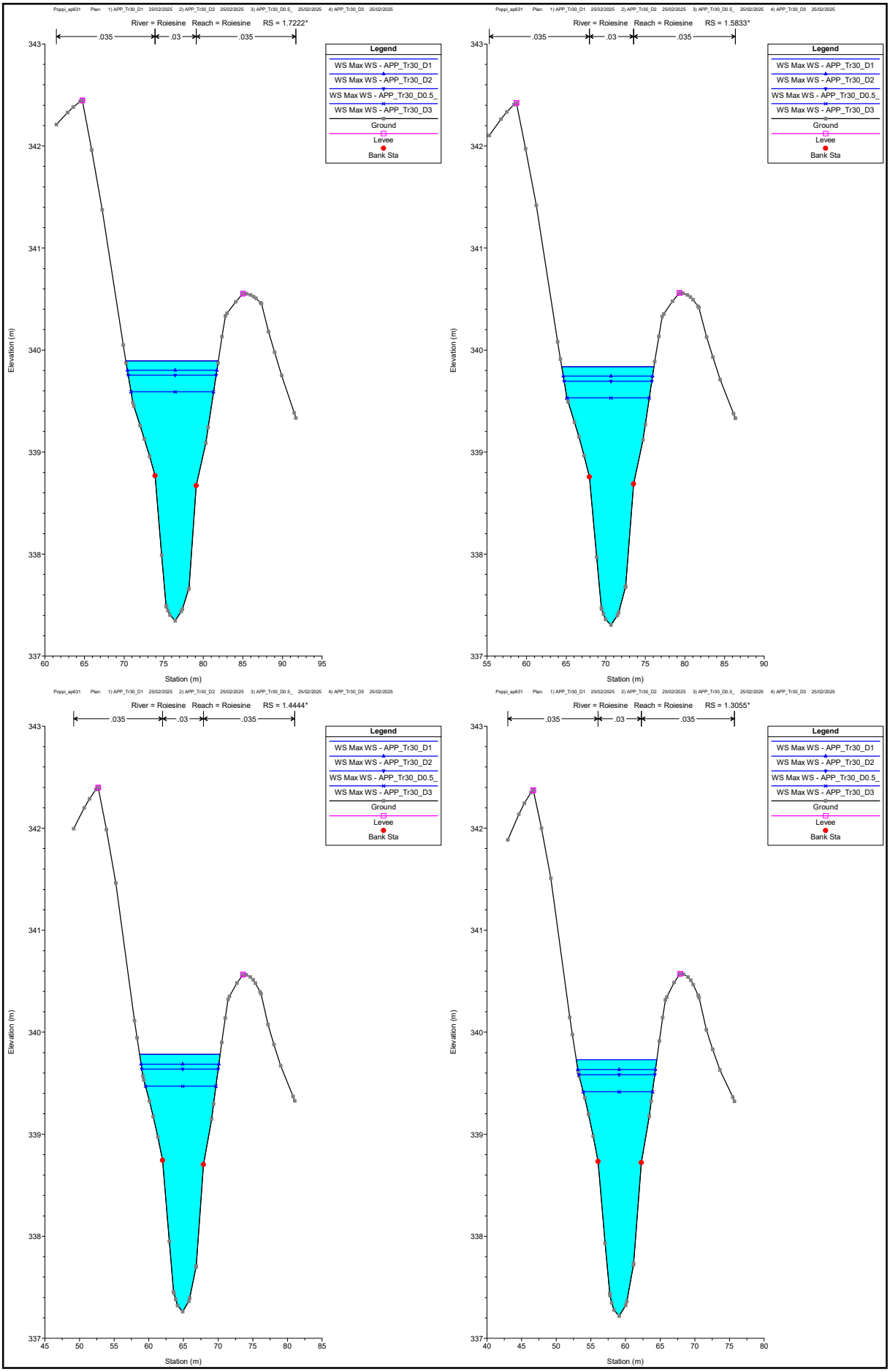
River = Roiesine Reach = Roiesine RS = 2.1667*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 2.0833*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 2 ROI-05
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 1.8611*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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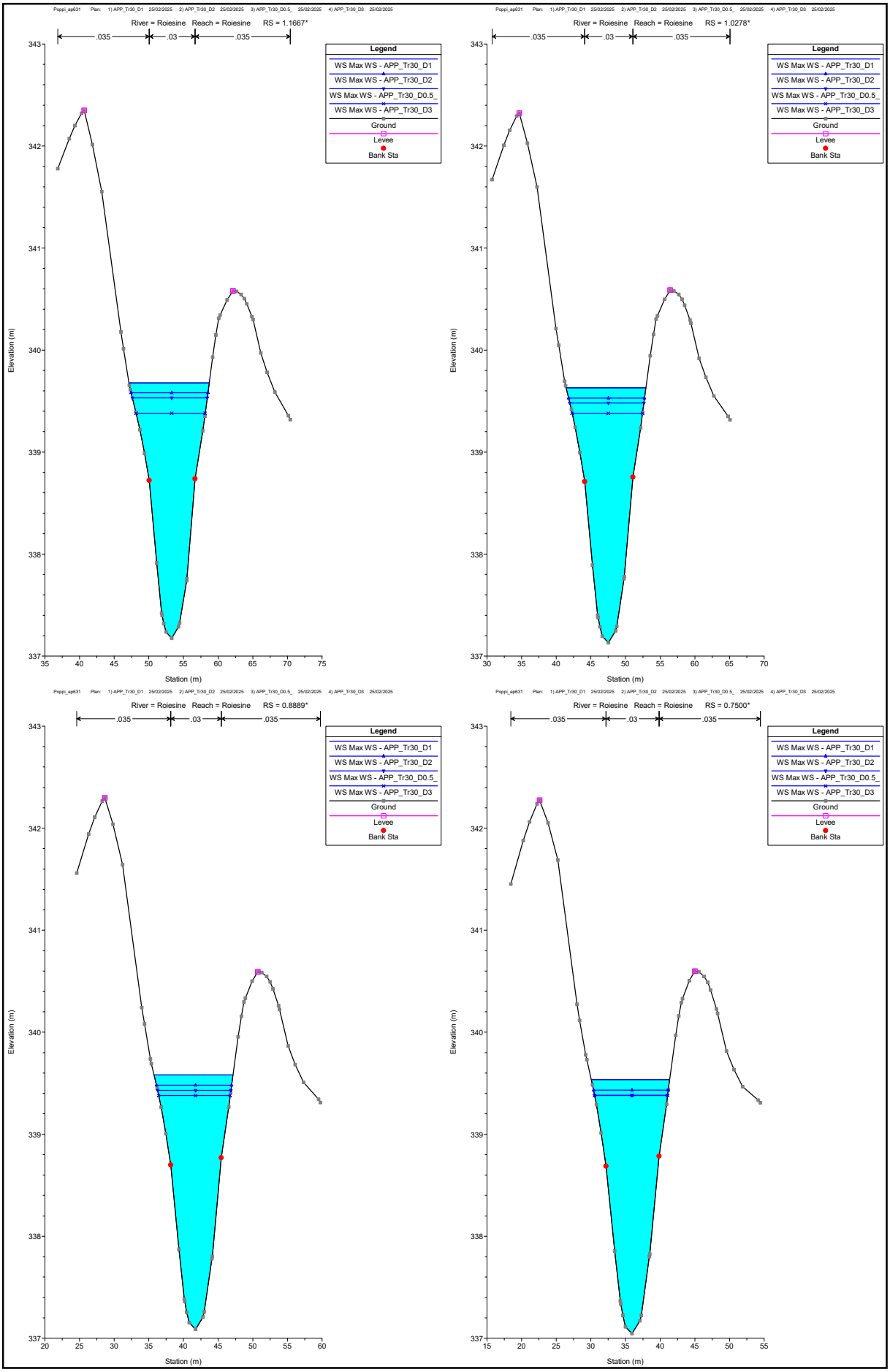
River = Roiesine Reach = Roiesine RS = 1.7222*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 1.5833*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 1.4444*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 1.3055*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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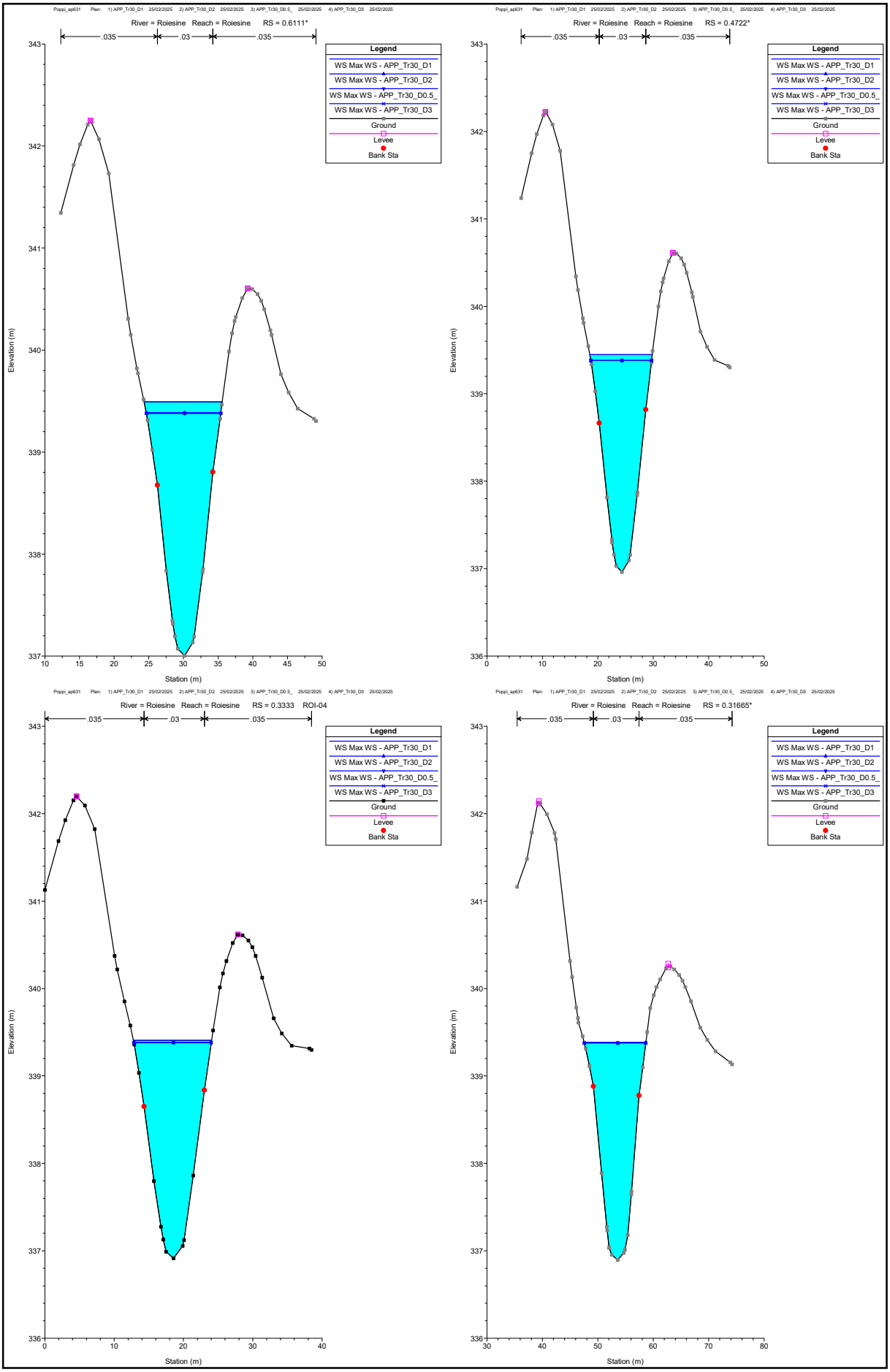
River = Roiesine Reach = Roiesine RS = 1.1667*
.035
.03
.035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 1.0278*
.035
.03
.035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 0.8889*
.035
.03
.035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 0.7500*
.035
.03
.035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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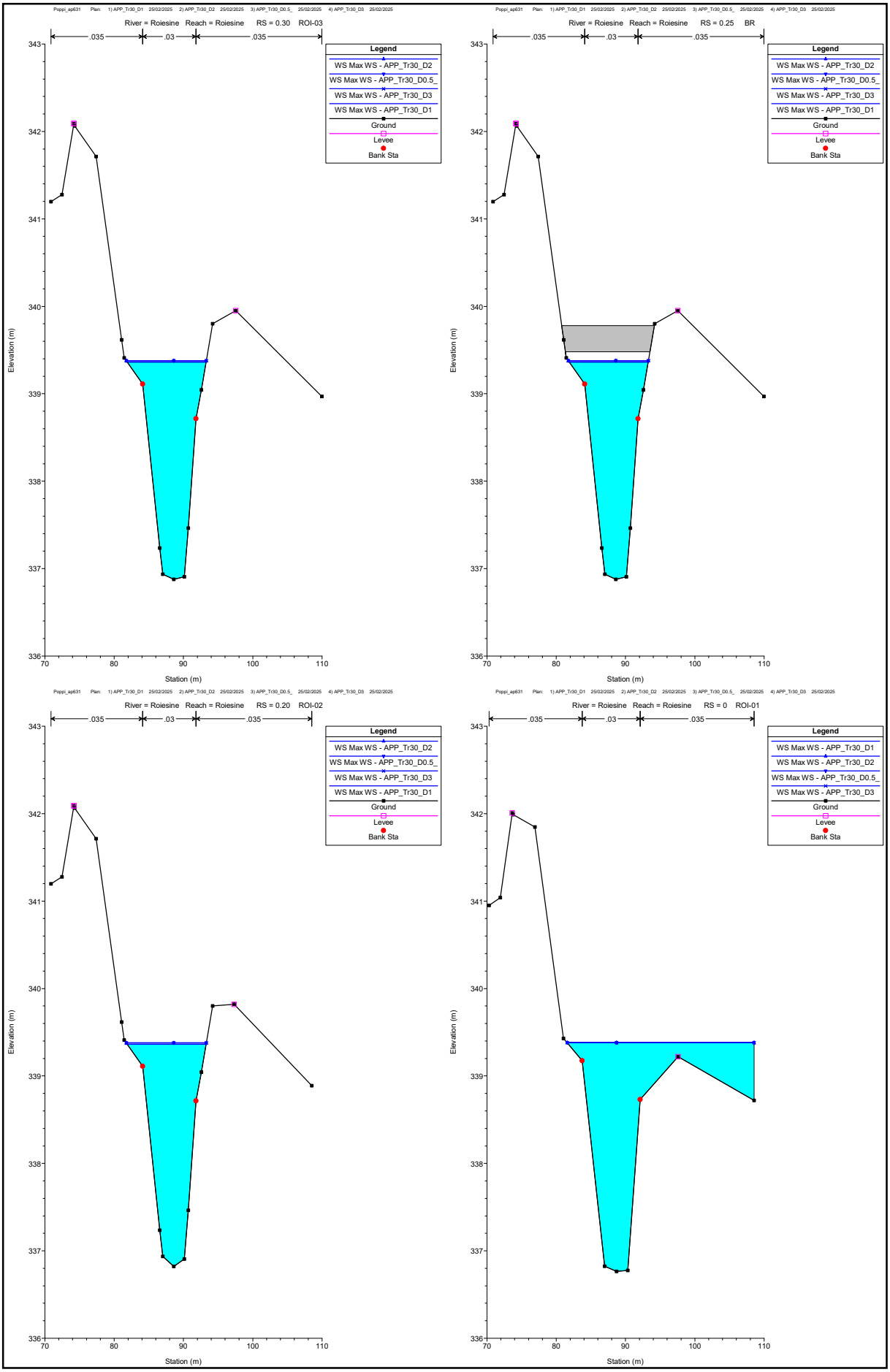
River = Roiesine Reach = Roiesine RS = 0.6111*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 0.4722*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 0.3333 ROI-04
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 0.31665*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)


Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 0.30 ROI-03
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D1
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 0.25 BR
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D1
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 0.20 ROI-02
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D1
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = Roiesine Reach = Roiesine RS = 0 ROI-01
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)

ALLEGATI

MODELLAZIONE HEC-RAS 6.3.1 "POPPI_AP631"

ROIESINE

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 0.5, 1, 2 e 3h

Dati idraulici

HEC-RAS River: Roiesine Reach: Roiesine Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Roiesine	50	Max WS	APP_Tr30_D1	60.30	375.38	377.51	377.91	378.77	0.014041	6.00	2.83	2.81	14.57	13.65	1.35
Roiesine	50	Max WS	APP_Tr30_D2	52.70	375.38	377.39	377.78	378.60	0.014172	5.79	2.71	2.68	13.03	12.87	1.35
Roiesine	50	Max WS	APP_Tr30_D0.5_	52.10	375.38	377.38	377.77	378.58	0.014174	5.77	2.69	2.67	12.90	12.81	1.35
Roiesine	50	Max WS	APP_Tr30_D3	41.50	375.38	377.20	377.55	378.30	0.014285	5.42	2.48	2.45	10.70	11.61	1.33
Roiesine	49.750*	Max WS	APP_Tr30_D1	60.30	375.28	377.40	377.76	378.57	0.012966	5.75	2.77	2.65	15.10	14.23	1.32
Roiesine	49.750*	Max WS	APP_Tr30_D2	52.70	375.28	377.28	377.63	378.40	0.013168	5.55	2.65	2.53	13.47	13.42	1.31
Roiesine	49.750*	Max WS	APP_Tr30_D0.5_	52.10	375.28	377.27	377.62	378.39	0.013177	5.54	2.64	2.52	13.34	13.35	1.31
Roiesine	49.750*	Max WS	APP_Tr30_D3	41.49	375.28	377.09	377.41	378.12	0.013457	5.21	2.45	2.32	11.02	12.10	1.30
Roiesine	49.500*	Max WS	APP_Tr30_D1	60.29	375.18	377.30	377.60	378.34	0.011527	5.39	2.66	2.47	15.92	14.90	1.24
Roiesine	49.500*	Max WS	APP_Tr30_D2	52.69	375.18	377.18	377.47	378.18	0.011765	5.22	2.55	2.36	14.18	14.05	1.24
Roiesine	49.500*	Max WS	APP_Tr30_D0.5_	52.09	375.18	377.17	377.46	378.16	0.011767	5.20	2.54	2.35	14.06	13.99	1.24
Roiesine	49.500*	Max WS	APP_Tr30_D3	41.48	375.18	376.99	377.25	377.90	0.012099	4.90	2.37	2.16	11.59	12.68	1.24
Roiesine	49.250*	Max WS	APP_Tr30_D1	60.29	375.08	377.21	377.37	378.07	0.009491	4.90	2.47	2.20	17.50	16.32	1.12
Roiesine	49.250*	Max WS	APP_Tr30_D2	52.68	375.08	377.09	377.30	377.91	0.009704	4.74	2.38	2.10	15.58	15.37	1.12
Roiesine	49.250*	Max WS	APP_Tr30_D0.5_	52.09	375.08	377.08	377.29	377.90	0.009714	4.73	2.37	2.09	15.43	15.30	1.12
Roiesine	49.250*	Max WS	APP_Tr30_D3	41.45	375.08	376.90	377.08	377.65	0.010011	4.46	2.21	1.92	12.70	13.84	1.12
Roiesine	49	Max WS	APP_Tr30_D1	60.28	374.98	377.14	377.36	377.93	0.008420	4.63	2.38	1.27	19.03	22.05	1.05
Roiesine	49	Max WS	APP_Tr30_D2	52.68	374.98	377.02	377.25	377.72	0.008046	4.34	2.22	1.91	16.64	15.92	1.01
Roiesine	49	Max WS	APP_Tr30_D0.5_	52.09	374.98	377.01	377.05	377.71	0.008037	4.33	2.21	1.90	16.50	15.45	1.01
Roiesine	49	Max WS	APP_Tr30_D3	41.38	374.98	376.82	376.92	377.45	0.008094	4.05	2.05	1.73	13.73	14.04	1.00
Roiesine	48.99			Lat Struct											
Roiesine	48.98			Lat Struct											
Roiesine	48.667*	Max WS	APP_Tr30_D1	60.28	374.90	377.10		377.53	0.005089	3.76	1.96	1.73	24.78	23.28	0.83
Roiesine	48.667*	Max WS	APP_Tr30_D2	52.68	374.90	376.98		377.40	0.005178	3.65	1.89	1.68	22.06	21.74	0.83
Roiesine	48.667*	Max WS	APP_Tr30_D0.5_	52.09	374.90	376.97		377.39	0.005173	3.64	1.89	1.67	21.87	21.63	0.83
Roiesine	48.667*	Max WS	APP_Tr30_D3	41.27	374.90	376.78		377.17	0.005263	3.43	1.77	1.56	18.00	19.41	0.83
Roiesine	48.333*	Max WS	APP_Tr30_D1	60.27	374.82	377.12		377.32	0.002459	2.77	1.66	1.41	33.85	26.49	0.60
Roiesine	48.333*	Max WS	APP_Tr30_D2	52.66	374.82	376.99		377.19	0.002542	2.71	1.59	1.35	30.46	25.96	0.60
Roiesine	48.333*	Max WS	APP_Tr30_D0.5_	52.08	374.82	376.98		377.17	0.002549	2.70	1.59	1.34	30.20	25.92	0.60
Roiesine	48.333*	Max WS	APP_Tr30_D3	41.66	374.82	376.78		376.97	0.002743	2.63	1.48	1.25	25.20	25.11	0.61
Roiesine	48	Max WS	APP_Tr30_D1	60.27	374.74	377.17		377.28	0.001226	2.09	1.37	1.15	44.49	29.10	0.43
Roiesine	48	Max WS	APP_Tr30_D2	52.67	374.74	377.04		377.14	0.001217	2.00	1.31	1.08	40.72	28.72	0.42
Roiesine	48	Max WS	APP_Tr30_D0.5_	52.08	374.74	377.03		377.13	0.001217	2.00	1.31	1.07	40.42	28.69	0.42
Roiesine	48	Max WS	APP_Tr30_D3	41.53	374.74	376.83		376.92	0.001207	1.87	1.22	0.96	34.78	28.11	0.42
Roiesine	47.667*	Max WS	APP_Tr30_D1	60.27	374.71	377.16		377.28	0.001385	2.22	1.40	1.21	42.34	28.55	0.46
Roiesine	47.667*	Max WS	APP_Tr30_D2	52.66	374.71	377.03		377.14	0.001373	2.13	1.33	1.15	38.68	27.93	0.45
Roiesine	47.667*	Max WS	APP_Tr30_D0.5_	52.08	374.71	377.02		377.13	0.001372	2.12	1.33	1.15	38.39	27.88	0.45
Roiesine	47.667*	Max WS	APP_Tr30_D3	41.52	374.71	376.82		376.92	0.001354	1.98	1.22	1.05	32.97	26.93	0.44
Roiesine	47.333*	Max WS	APP_Tr30_D1	60.26	374.69	377.14		377.29	0.001655	2.43	1.45	1.27	39.92	28.90	0.50
Roiesine	47.333*	Max WS	APP_Tr30_D2	52.67	374.69	377.01		377.15	0.001656	2.34	1.38	1.22	36.22	27.97	0.50
Roiesine	47.333*	Max WS	APP_Tr30_D0.5_	52.08	374.69	377.00		377.14	0.001655	2.33	1.38	1.21	35.94	27.90	0.49
Roiesine	47.333*	Max WS	APP_Tr30_D3	41.52	374.69	376.80		376.92	0.001655	2.19	1.26	1.13	30.55	26.49	0.49
Roiesine	47	Max WS	APP_Tr30_D1	60.25	374.66	377.11	376.59	377.30	0.002160	2.76	1.55	1.41	35.58	27.10	0.57
Roiesine	47	Max WS	APP_Tr30_D2	52.66	374.66	376.98	376.48	377.16	0.002185	2.67	1.47	1.37	32.14	26.21	0.57
Roiesine	47	Max WS	APP_Tr30_D0.5_	52.08	374.66	376.97	376.47	377.15	0.002188	2.66	1.47	1.37	31.87	26.14	0.57
Roiesine	47	Max WS	APP_Tr30_D3	41.52	374.66	376.77	376.32	376.94	0.002229	2.53	1.33	1.30	26.85	24.78	0.56
Roiesine	46.50			Inl Struct											
Roiesine	46	Max WS	APP_Tr30_D1	60.25	372.70	374.06	374.63	375.85	0.027293	6.65	3.52	3.45	11.37	12.10	1.84
Roiesine	46	Max WS	APP_Tr30_D2	52.66	372.70	373.96	374.49	375.63	0.027644	6.38	3.37	3.31	10.26	11.61	1.83
Roiesine	46	Max WS	APP_Tr30_D0.5_	52.08	372.70	373.95	374.48	375.62	0.027660	6.35	3.36	3.29	10.18	11.57	1.83
Roiesine	46	Max WS	APP_Tr30_D3	41.51	372.70	373.81	374.27	375.28	0.028187	5.91	3.13	3.06	8.58	10.82	1.81
Roiesine	45.750*	Max WS	APP_Tr30_D1	60.25	372.42	373.84	374.44	375.74	0.027221	6.76	3.57	3.18	11.07	11.51	1.84
Roiesine	45.750*	Max WS	APP_Tr30_D2	52.66	372.42	373.75	374.31	375.52	0.027565	6.48	3.42	3.04	9.98	11.03	1.83
Roiesine	45.750*	Max WS	APP_Tr30_D0.5_	52.08	372.42	373.74	374.30	375.50	0.027587	6.45	3.40	3.03	9.90	10.99	1.83
Roiesine	45.750*	Max WS	APP_Tr30_D3	41.50	372.42	373.59	374.08	375.15	0.028157	6.01	3.15	2.78	8.33	10.28	1.81
Roiesine	45.500*	Max WS	APP_Tr30_D1	60.25	372.13	373.63	374.24	375.59	0.026876	6.79	3.66	2.95	10.83	10.82	1.83
Roiesine	45.500*	Max WS	APP_Tr30_D2	52.66	372.13	373.53	374.10	375.36	0.027232	6.51	3.47	2.80	9.78	10.43	1.82
Roiesine	45.500*	Max WS	APP_Tr30_D0.5_	52.08	372.13	373.52	374.09	375.34	0.027265	6.49	3.46	2.79	9.70	10.40	1.82
Roiesine	45.500*	Max WS	APP_Tr30_D3	41.50	372.13	373.37	373.88	374.97	0.027694	6.03	3.18	2.55	8.18	9.74	1.79
Roiesine	45.250*	Max WS	APP_Tr30_D1	60.25	371.85	373.42	374.05	375.42	0.026610	6.80	3.76	2.76	10.62	10.09	1.81
Roiesine	45.250*	Max WS	APP_Tr30_D2	52.66	371.85	373.32	373.89	375.17	0.026852	6.51	3.57	2.60	9.61	9.77	1.80
Roiesine	45.250*	Max WS	APP_Tr30_D0.5_	52.08	371.85	373.31	373.88	375.15	0.026863	6.49	3.55	2.59	9.54	9.74	1.80
Roiesine	45.250*	Max WS	APP_Tr30_D3	41.50	371.85	373.16	373.66	374.77	0.027264	6.02	3.23	2.31	8.07	9.26	1.77
Roiesine	45	Max WS	APP_Tr30_D1	60.25	371.57	373.21	373.87	375.27	0.026810	6.84	3.87	2.60	10.38	9.41	1.81
Roiesine	45	Max WS	APP_Tr30_D2	52.66	371.57	373.11	373.71	375.00	0.026866	6.52	3.67	2.42	9.43	9.14	1.79
Roiesine	45	Max WS	APP_Tr30_D0.5_	52.08	371.57	373.10	373.69	374.97	0.026878	6.50	3.66	2.41	9.36	9.12	1.79
Roiesine	45	Max WS	APP_Tr30_D3	41.50	371.57	372.95	373.45	374.57	0.027012	6.00	3.33	2.12	7.97	8.70	1.76
Roiesine	44.737*	Max WS	APP_Tr30_D1	60.25	371.31	372.96	373.61	375.02	0.026752	6.88	3.88	2.63	10.36	9.36	1.81
Roiesine	44.737*	Max WS	APP_Tr30_D2	52.66	371.31	372.85	373.45	374.75	0.026830	6.56	3.69	2.46	9.41	9.09	1.79
Roiesine	44.737*	Max WS	APP_Tr30_D0.5_	52.08	371.31	372.85	373.43	374.73	0.026818	6.53	3.67	2.44	9.34	9.07	1.79
Roiesine	44.737*	Max WS	APP_Tr30_D3	41.50	371.31	372.69	373.19	374.32	0.026966	6.04	3.34	2.16	7.95	8.65	1.76
Roiesine	44.474*	Max WS	APP_Tr30_D1	60.25	371.05	372.70	373.36	374.78	0.026725	6.91	3.89	2.67	10.34	9.31	1.81
Roiesine	44.474*	Max WS	APP_Tr30_D2	52.66	371.05	372.60	373.20	374.51	0.026801	6.60	3.70	2.49	9.39	9.04	1.80
Roiesine	44.474*	Max WS	APP_Tr30_D0.5_	52.08	371.05	372.59	373.18	374.49	0.026787	6.57	3.68	2.48	9.32	9.01	1.79
Roiesine	44.474*	Max WS	APP_Tr30_D3	41.50	371.05	372.43	372.94	374.08	0.026956	6.07	3.36	2.19	7.93	8.59	1.76
Roiesine	44.211*	Max WS	APP_Tr30_D1	60.25	370.78	372.44	373.11	374.54	0.026677	6.95	3.90	2.70	10.33	9.26	1.82
Roiesine	44.211*	Max WS	APP_Tr30_D2	52.66	370.78	372.34	372.95	374.27	0.026753	6.63	3.71	2.53	9.38	8.98	1.80
Roiesine	44.211*	Max WS	APP_Tr30_D0.5_	52.07	370.78	372.33	372.93	374.25	0.026756	6.61	3.69	2.51	9.30	8.96	1.80
Roiesine	44.211*	Max WS	APP_Tr30_D3	41.50	370.78	372.17	372.69	373.84	0.026920	6.11	3.37	2.23	7.91	8.53	1.77
Roiesine	43.947*	Max WS	APP_Tr30_D1	60.25	370.52	372.19	372.86	374.31	0.026681	6.99	3.92	2.74	10.30	9.21	1.82
Roiesine	43.947*	Max WS	APP_Tr30_D2	52.66	370.52	372.08	372.70	374.03	0.026758	6.68	3.72	2.56	9.35	8.93	1.80
Roiesine	43.947*	Max WS	APP_Tr30_D0.5_	52.07	370.52	372.08	372.68	374.01	0.026760	6.65	3.71	2.55	9.28	8.91	1.80
Roiesine	43.947*	Max WS	APP_Tr30_D3	41.50	370.52	371.92	372.44	373.60	0.026919	6.15	3.38	2.27	7.89	8.47	1.77
Roiesine	43.684*	Max WS	APP_Tr30_D1	60.24	370.26	371.93	372.61	374.07	0.026648	7.04	3.93	2.78	10.29	9.16	1.82
Roiesine	43.684*	Max WS	APP_Tr30_D2	52.65	370.26	371.83	372.45	373.79	0.026724	6.71	3.73	2.60	9.33	8.88	1.81
Roiesine	43.684*	Max WS	APP_Tr30_D0.5_	52.07	370.26	371.82	372.43	373.77	0.026719	6.69	3.72	2.59	9.26	8.86	1.80

HEC-RAS River: Roiesine Reach: Roiesine Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Roiesine	43.684*	Max WS	APP_Tr30_D3	41.49	370.26	371.66	372.18	373.35	0.026892	6.18	3.40	2.31	7.87	8.42	1.77
Roiesine	43.421*	Max WS	APP_Tr30_D1	60.24	370.00	371.68	372.36	373.83	0.026633	7.08	3.94	2.81	10.27	9.11	1.83
Roiesine	43.421*	Max WS	APP_Tr30_D2	52.65	370.00	371.57	372.20	373.55	0.026727	6.76	3.74	2.64	9.31	8.82	1.81
Roiesine	43.421*	Max WS	APP_Tr30_D0.5_	52.07	370.00	371.56	372.18	373.53	0.026718	6.73	3.73	2.62	9.24	8.80	1.81
Roiesine	43.421*	Max WS	APP_Tr30_D3	41.50	370.00	371.40	371.93	373.11	0.026860	6.22	3.41	2.34	7.85	8.36	1.78
Roiesine	43.158*	Max WS	APP_Tr30_D1	60.24	369.73	371.42	372.12	373.59	0.026593	7.12	3.94	2.84	10.25	9.07	1.83
Roiesine	43.158*	Max WS	APP_Tr30_D2	52.65	369.73	371.32	371.95	373.31	0.026683	6.80	3.75	2.67	9.30	8.77	1.81
Roiesine	43.158*	Max WS	APP_Tr30_D0.5_	52.07	369.73	371.31	371.93	373.29	0.026672	6.77	3.74	2.66	9.23	8.75	1.81
Roiesine	43.158*	Max WS	APP_Tr30_D3	41.49	369.73	371.14	371.68	372.87	0.026818	6.26	3.42	2.38	7.83	8.30	1.78
Roiesine	42.895*	Max WS	APP_Tr30_D1	60.24	369.47	371.17	371.87	373.35	0.026562	7.16	3.95	2.88	10.24	9.02	1.84
Roiesine	42.895*	Max WS	APP_Tr30_D2	52.65	369.47	371.06	371.70	373.08	0.026667	6.84	3.76	2.71	9.28	8.72	1.82
Roiesine	42.895*	Max WS	APP_Tr30_D0.5_	52.07	369.47	371.05	371.69	373.05	0.026674	6.81	3.75	2.69	9.21	8.70	1.82
Roiesine	42.895*	Max WS	APP_Tr30_D3	41.49	369.47	370.89	371.42	372.63	0.026808	6.30	3.43	2.42	7.81	8.24	1.78
Roiesine	42.632*	Max WS	APP_Tr30_D1	60.24	369.21	370.92	371.63	373.12	0.026521	7.20	3.96	2.91	10.22	8.98	1.84
Roiesine	42.632*	Max WS	APP_Tr30_D2	52.65	369.21	370.81	371.45	372.84	0.026617	6.88	3.77	2.74	9.27	8.68	1.82
Roiesine	42.632*	Max WS	APP_Tr30_D0.5_	52.07	369.21	370.80	371.44	372.81	0.026618	6.85	3.75	2.73	9.19	8.65	1.82
Roiesine	42.632*	Max WS	APP_Tr30_D3	41.49	369.21	370.63	371.17	372.39	0.026759	6.34	3.44	2.45	7.80	8.19	1.79
Roiesine	42.368*	Max WS	APP_Tr30_D1	60.24	368.95	370.66	371.38	372.88	0.026477	7.25	3.96	2.94	10.21	8.95	1.84
Roiesine	42.368*	Max WS	APP_Tr30_D2	52.65	368.95	370.55	371.21	372.60	0.026605	6.93	3.78	2.78	9.25	8.63	1.82
Roiesine	42.368*	Max WS	APP_Tr30_D0.5_	52.07	368.95	370.54	371.19	372.58	0.026586	6.90	3.76	2.76	9.18	8.60	1.82
Roiesine	42.368*	Max WS	APP_Tr30_D3	41.49	368.95	370.38	370.92	372.15	0.026729	6.38	3.46	2.49	7.78	8.14	1.79
Roiesine	42.105*	Max WS	APP_Tr30_D1	60.24	368.69	370.41	371.14	372.64	0.026408	7.29	3.97	2.97	10.21	8.91	1.84
Roiesine	42.105*	Max WS	APP_Tr30_D2	52.65	368.69	370.30	370.96	372.36	0.026524	6.97	3.79	2.81	9.24	8.58	1.83
Roiesine	42.105*	Max WS	APP_Tr30_D0.5_	52.07	368.69	370.29	370.95	372.34	0.026541	6.94	3.77	2.79	9.17	8.56	1.82
Roiesine	42.105*	Max WS	APP_Tr30_D3	41.50	368.69	370.12	370.68	371.91	0.026638	6.42	3.46	2.52	7.77	8.08	1.79
Roiesine	41.842*	Max WS	APP_Tr30_D1	60.24	368.42	370.16	370.89	372.40	0.026319	7.33	3.97	3.00	10.20	8.87	1.85
Roiesine	41.842*	Max WS	APP_Tr30_D2	52.65	368.42	370.05	370.72	372.12	0.026465	7.01	3.79	2.84	9.23	8.54	1.83
Roiesine	41.842*	Max WS	APP_Tr30_D0.5_	52.07	368.42	370.04	370.71	372.10	0.026456	6.98	3.78	2.83	9.16	8.51	1.83
Roiesine	41.842*	Max WS	APP_Tr30_D3	41.49	368.42	369.87	370.42	371.67	0.026594	6.46	3.47	2.56	7.76	8.03	1.79
Roiesine	41.579*	Max WS	APP_Tr30_D1	60.24	368.16	369.91	370.63	372.16	0.026151	7.37	3.97	3.03	10.21	8.84	1.84
Roiesine	41.579*	Max WS	APP_Tr30_D2	52.65	368.16	369.79	370.46	371.88	0.026299	7.04	3.79	2.87	9.24	8.50	1.83
Roiesine	41.579*	Max WS	APP_Tr30_D0.5_	52.07	368.16	369.78	370.45	371.86	0.026327	7.02	3.78	2.86	9.16	8.48	1.83
Roiesine	41.579*	Max WS	APP_Tr30_D3	41.49	368.16	369.61	370.19	371.42	0.026496	6.49	3.48	2.59	7.75	7.98	1.80
Roiesine	41.316*	Max WS	APP_Tr30_D1	60.24	367.90	369.66	370.38	371.92	0.025924	7.39	3.96	3.05	10.23	8.81	1.84
Roiesine	41.316*	Max WS	APP_Tr30_D2	52.65	367.90	369.54	370.21	371.64	0.026110	7.07	3.79	2.89	9.25	8.47	1.83
Roiesine	41.316*	Max WS	APP_Tr30_D0.5_	52.07	367.90	369.53	370.20	371.61	0.026115	7.05	3.77	2.88	9.17	8.44	1.82
Roiesine	41.316*	Max WS	APP_Tr30_D3	41.49	367.90	369.36	369.96	371.18	0.026343	6.53	3.49	2.62	7.75	7.93	1.80
Roiesine	41.053*	Max WS	APP_Tr30_D1	60.23	367.64	369.41	370.13	371.66	0.025527	7.41	3.95	3.07	10.28	8.80	1.83
Roiesine	41.053*	Max WS	APP_Tr30_D2	52.65	367.64	369.30	369.97	371.39	0.025734	7.09	3.78	2.92	9.28	8.45	1.82
Roiesine	41.053*	Max WS	APP_Tr30_D0.5_	52.07	367.64	369.29	369.95	371.36	0.025754	7.06	3.76	2.90	9.21	8.42	1.82
Roiesine	41.053*	Max WS	APP_Tr30_D3	41.49	367.64	369.11	369.71	370.93	0.025997	6.55	3.48	2.65	7.78	7.90	1.79
Roiesine	40.789*	Max WS	APP_Tr30_D1	60.23	367.38	369.17	369.91	371.40	0.024938	7.40	3.92	3.07	10.36	8.82	1.82
Roiesine	40.789*	Max WS	APP_Tr30_D2	52.65	367.38	369.05	369.74	371.13	0.025131	7.08	3.75	2.93	9.36	8.44	1.80
Roiesine	40.789*	Max WS	APP_Tr30_D0.5_	52.07	367.38	369.04	369.72	371.10	0.025142	7.06	3.74	2.92	9.28	8.41	1.80
Roiesine	40.789*	Max WS	APP_Tr30_D3	41.49	367.38	368.87	369.46	370.68	0.025416	6.55	3.47	2.66	7.83	7.87	1.78
Roiesine	40.526*	Max WS	APP_Tr30_D1	60.23	367.11	368.93	369.69	371.14	0.024110	7.38	3.87	3.02	10.51	8.95	1.79
Roiesine	40.526*	Max WS	APP_Tr30_D2	52.64	367.11	368.82	369.52	370.85	0.024149	7.04	3.71	2.93	9.48	8.46	1.78
Roiesine	40.526*	Max WS	APP_Tr30_D0.5_	52.07	367.11	368.81	369.50	370.83	0.024149	7.02	3.70	2.91	9.41	8.43	1.77
Roiesine	40.526*	Max WS	APP_Tr30_D3	41.49	367.11	368.63	369.21	370.40	0.024334	6.50	3.42	2.66	7.94	7.87	1.75
Roiesine	40.263*	Max WS	APP_Tr30_D1	60.23	366.85	368.71	369.46	370.84	0.022819	7.30	3.77	2.98	10.74	9.10	1.75
Roiesine	40.263*	Max WS	APP_Tr30_D2	52.64	366.85	368.59	369.26	370.55	0.022599	6.94	3.63	2.90	9.71	8.51	1.73
Roiesine	40.263*	Max WS	APP_Tr30_D0.5_	52.07	366.85	368.58	369.25	370.53	0.022589	6.91	3.62	2.89	9.64	8.48	1.72
Roiesine	40.263*	Max WS	APP_Tr30_D3	41.49	366.85	368.40	368.96	370.10	0.022529	6.39	3.35	2.63	8.16	7.92	1.69
Roiesine	40	Max WS	APP_Tr30_D1	60.23	366.59	368.50	369.22	370.53	0.020995	7.16	3.63	2.84	11.14	9.51	1.69
Roiesine	40	Max WS	APP_Tr30_D2	52.64	366.59	368.39	369.03	370.23	0.020493	6.78	3.50	2.77	10.10	8.80	1.65
Roiesine	40	Max WS	APP_Tr30_D0.5_	52.07	366.59	368.38	369.02	370.21	0.020453	6.75	3.48	2.76	10.02	8.75	1.65
Roiesine	40	Max WS	APP_Tr30_D3	41.49	366.59	368.20	368.73	369.76	0.019793	6.17	3.21	2.57	8.55	8.04	1.60
Roiesine	39.99			Lat Struct											
Roiesine	39.98			Lat Struct											
Roiesine	39.600*	Max WS	APP_Tr30_D1	60.23	366.45	368.34	368.96	370.11	0.019208	6.60	3.48	2.46	11.75	10.33	1.60
Roiesine	39.600*	Max WS	APP_Tr30_D2	52.64	366.45	368.23	368.79	369.84	0.018841	6.26	3.34	2.39	10.65	9.60	1.56
Roiesine	39.600*	Max WS	APP_Tr30_D0.5_	52.06	366.45	368.22	368.78	369.82	0.018810	6.23	3.33	2.38	10.56	9.55	1.56
Roiesine	39.600*	Max WS	APP_Tr30_D3	41.49	366.45	368.05	368.50	369.42	0.018352	5.71	3.06	2.21	8.99	8.78	1.51
Roiesine	39.200*	Max WS	APP_Tr30_D1	60.23	366.31	368.19	368.69	369.73	0.017632	6.12	3.32	2.30	12.36	10.83	1.51
Roiesine	39.200*	Max WS	APP_Tr30_D2	52.64	366.31	368.08	368.53	369.49	0.017418	5.81	3.19	2.14	11.21	10.29	1.48
Roiesine	39.200*	Max WS	APP_Tr30_D0.5_	52.06	366.31	368.07	368.52	369.47	0.017402	5.79	3.18	2.13	11.12	10.26	1.48
Roiesine	39.200*	Max WS	APP_Tr30_D3	41.49	366.31	367.91	368.27	369.11	0.017191	5.33	2.93	1.87	9.45	9.55	1.44
Roiesine	38.800*	Max WS	APP_Tr30_D1	60.23	366.18	368.06	368.48	369.41	0.016275	5.70	3.17	2.01	13.04	11.70	1.43
Roiesine	38.800*	Max WS	APP_Tr30_D2	52.64	366.18	367.95	368.33	369.19	0.016188	5.43	3.05	1.84	11.82	11.16	1.41
Roiesine	38.800*	Max WS	APP_Tr30_D0.5_	52.06	366.18	367.94	368.32	369.17	0.016186	5.41	3.04	1.82	11.72	11.12	1.41
Roiesine	38.800*	Max WS	APP_Tr30_D3	41.49	366.18	367.77	368.08	368.85	0.016210	5.00	2.82	1.54	9.91	10.34	1.38
Roiesine	38.400*	Max WS	APP_Tr30_D1	60.23	366.04	367.93	368.30	369.11	0.014924	5.31	3.03	1.52	13.93	13.52	1.36
Roiesine	38.400*	Max WS	APP_Tr30_D2	52.64	366.04	367.82	368.16	368.92	0.015010	5.08	2.91	1.37	12.53	12.63	1.34
Roiesine	38.400*	Max WS	APP_Tr30_D0.5_	52.06	366.04	367.81	368.15	368.90	0.015006	5.06	2.90	1.35	12.42	12.56	1.34
Roiesine	38.400*	Max WS	APP_Tr30_D3	41.49	366.04	367.64	367.92	368.60	0.015297	4.70	2.71	1.17	10.40	11.20	1.33
Roiesine	38	Max WS	APP_Tr30_D1	60.22	365.90	367.82	368.12	368.84	0.013492	4.94	2.87	1.30	14.93	15.13	1.28
Roiesine	38	Max WS	APP_Tr30_D2	52.63	365.90	367.71	367.98	368.66	0.013762	4.75	2.77	1.11	13.34	14.07	1.28
Roiesine	38	Max WS	APP_Tr30_D0.5_	52.06	365.90	367.70	367.97	368.65	0.013782	4.73	2.77	1.10	13.22	13.99	1.27
Roiesine	38	Max WS	APP_Tr30_D3	41.49	365.90	367.53	367.76	368.38	0.014408	4.43	2.61	0.75	10.94	12.30	1.28
Roiesine	37.500*	Max WS	APP_Tr30_D1	60.22	365.70	367.70	367.94	368.59	0.010805	4.77	2.68	1.63	16.60	16.79	1.17
Roiesine	37.500*	Max WS	APP_Tr30_D2	52.63	365.70	367.59	367.81	368.43	0.010982	4.59	2.58	1.49	14.80	15.71	1.17
Roiesine	37.500*	Max WS	APP_Tr30_D0.5_	52.06	365.70	367.58	367.80	368.42	0.010988	4.58	2.58	1.48	14.66	15.63	1.17
Roiesine	37.500*	Max WS	APP_Tr30_D3	41.49	365.70	367.40	367.60	368.17	0.011429	4.31	2.43	1.24	12.03	13.88	1.17
Roiesine	37.000*	Max WS	APP_Tr30_D1	60.22	365.51	367.61	367.74	368.30	0.007902	4.42	2.40	1.75	19.58	19.31	1.03
Roiesine	37.000*	Max WS	APP_Tr30_D2	52.63	365.51	367.49	367.63	368.17	0.008140	4.30	2.34	1.56	17.41	18.87	1.03
Roiesine	37.000*	Max WS	APP_Tr30_D0.5_	52.06	365.51	367.49	367.63	368.15	0.008150	4.29	2.33	1.55	17.25	18.84	1.03

HEC-RAS River: Roiesine Reach: Roiesine Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Roiesine	37.000*	Max WS	APP_Tr30_D3	41.49	365.51	367.30	367.43	367.93	0.008418	4.05	2.20	1.42	14.03	16.29	1.03
Roiesine	36.500*	Max WS	APP_Tr30_D1	59.83	365.32	367.54		368.04	0.005446	3.98	2.10	2.02	22.25	17.98	0.88
Roiesine	36.500*	Max WS	APP_Tr30_D2	52.55	365.32	367.43		367.90	0.005454	3.83	2.02	1.89	20.22	17.53	0.87
Roiesine	36.500*	Max WS	APP_Tr30_D0.5_	51.99	365.32	367.42		367.89	0.005448	3.82	2.02	1.88	20.07	17.50	0.87
Roiesine	36.500*	Max WS	APP_Tr30_D3	41.49	365.32	367.24		367.67	0.005505	3.60	1.89	1.66	16.92	16.79	0.86
Roiesine	36	Max WS	APP_Tr30_D1	57.99	365.12	367.52		367.85	0.003424	3.43	1.77	1.90	26.17	18.82	0.72
Roiesine	36	Max WS	APP_Tr30_D2	51.56	365.12	367.40		367.72	0.003446	3.32	1.71	1.81	23.98	18.36	0.71
Roiesine	36	Max WS	APP_Tr30_D0.5_	51.08	365.12	367.39		367.71	0.003447	3.31	1.71	1.81	23.82	18.33	0.71
Roiesine	36	Max WS	APP_Tr30_D3	41.40	365.12	367.20		367.49	0.003486	3.14	1.61	1.65	20.39	17.58	0.70
Roiesine	35	Max WS	APP_Tr30_D1	57.09	365.13	367.59	366.96	367.79	0.002018	2.65	1.43	1.67	31.91	20.00	0.55
Roiesine	35	Max WS	APP_Tr30_D2	50.93	365.13	367.47	366.87	367.66	0.002037	2.57	1.35	1.61	29.47	20.00	0.55
Roiesine	35	Max WS	APP_Tr30_D0.5_	50.47	365.13	367.46	366.86	367.65	0.002039	2.57	1.35	1.61	29.28	20.00	0.55
Roiesine	35	Max WS	APP_Tr30_D3	41.13	365.13	367.26	366.72	367.43	0.002026	2.41	1.25	1.50	25.39	19.25	0.54
Roiesine	34.50			Inl Struct											
Roiesine	34	Max WS	APP_Tr30_D1	57.09	362.86	364.17	364.76	366.03	0.027071	6.37	3.11	2.88	10.24	10.43	1.81
Roiesine	34	Max WS	APP_Tr30_D2	50.93	362.86	364.09	364.63	365.83	0.027323	6.13	2.98	2.76	9.43	10.14	1.80
Roiesine	34	Max WS	APP_Tr30_D0.5_	50.47	362.86	364.09	364.62	365.81	0.027316	6.10	2.97	2.75	9.37	10.12	1.80
Roiesine	34	Max WS	APP_Tr30_D3	41.13	362.86	363.96	364.43	365.48	0.027773	5.69	2.74	2.51	8.08	9.68	1.78
Roiesine	33.882*	Max WS	APP_Tr30_D1	57.52	362.58	363.91	364.51	365.81	0.027172	6.45	3.13	2.94	10.25	10.38	1.82
Roiesine	33.882*	Max WS	APP_Tr30_D2	51.03	362.58	363.83	364.38	365.59	0.027411	6.19	3.00	2.81	9.40	10.06	1.81
Roiesine	33.882*	Max WS	APP_Tr30_D0.5_	50.55	362.58	363.82	364.37	365.58	0.027402	6.17	2.98	2.80	9.34	10.04	1.81
Roiesine	33.882*	Max WS	APP_Tr30_D3	41.13	362.58	363.69	364.17	365.23	0.027556	5.73	2.74	2.56	8.07	9.59	1.78
Roiesine	33.765*	Max WS	APP_Tr30_D1	57.66	362.30	363.65	364.26	365.58	0.027150	6.50	3.15	2.99	10.25	10.31	1.82
Roiesine	33.765*	Max WS	APP_Tr30_D2	51.07	362.30	363.57	364.13	365.35	0.027342	6.24	3.01	2.85	9.38	9.99	1.81
Roiesine	33.765*	Max WS	APP_Tr30_D0.5_	50.58	362.30	363.56	364.12	365.34	0.027370	6.22	3.00	2.84	9.31	9.97	1.81
Roiesine	33.765*	Max WS	APP_Tr30_D3	41.13	362.30	363.43	363.92	364.98	0.027367	5.77	2.75	2.61	8.06	9.50	1.77
Roiesine	33.647*	Max WS	APP_Tr30_D1	57.66	362.02	363.39	364.00	365.34	0.027148	6.56	3.16	3.04	10.22	10.24	1.83
Roiesine	33.647*	Max WS	APP_Tr30_D2	51.07	362.02	363.31	363.88	365.11	0.027208	6.28	3.02	2.90	9.37	9.92	1.81
Roiesine	33.647*	Max WS	APP_Tr30_D0.5_	50.58	362.02	363.30	363.86	365.09	0.027228	6.26	3.00	2.89	9.30	9.90	1.81
Roiesine	33.647*	Max WS	APP_Tr30_D3	41.13	362.02	363.17	363.66	364.74	0.027407	5.82	2.76	2.66	8.02	9.41	1.78
Roiesine	33.530*	Max WS	APP_Tr30_D1	57.66	361.74	363.13	363.75	365.10	0.027098	6.61	3.17	3.10	10.20	10.17	1.83
Roiesine	33.530*	Max WS	APP_Tr30_D2	51.07	361.74	363.05	363.62	364.86	0.027050	6.32	3.02	2.95	9.36	9.86	1.81
Roiesine	33.530*	Max WS	APP_Tr30_D0.5_	50.58	361.74	363.04	363.61	364.85	0.027091	6.31	3.01	2.94	9.29	9.83	1.81
Roiesine	33.530*	Max WS	APP_Tr30_D3	41.13	361.74	362.91	363.40	364.50	0.027417	5.87	2.77	2.71	8.00	9.33	1.78
Roiesine	33.412*	Max WS	APP_Tr30_D1	57.66	361.46	362.88	363.50	364.85	0.026988	6.66	3.18	3.16	10.19	10.10	1.83
Roiesine	33.412*	Max WS	APP_Tr30_D2	51.07	361.46	362.79	363.37	364.62	0.027066	6.38	3.04	3.01	9.34	9.78	1.81
Roiesine	33.412*	Max WS	APP_Tr30_D0.5_	50.58	361.46	362.78	363.36	364.61	0.027080	6.36	3.03	3.00	9.27	9.76	1.81
Roiesine	33.412*	Max WS	APP_Tr30_D3	41.13	361.46	362.65	363.15	364.25	0.027349	5.92	2.79	2.76	7.98	9.26	1.79
Roiesine	33.294*	Max WS	APP_Tr30_D1	57.66	361.18	362.62	363.24	364.61	0.026862	6.70	3.20	3.22	10.19	10.02	1.83
Roiesine	33.294*	Max WS	APP_Tr30_D2	51.07	361.18	362.53	363.11	364.38	0.027029	6.43	3.05	3.07	9.32	9.71	1.81
Roiesine	33.294*	Max WS	APP_Tr30_D0.5_	50.58	361.18	362.52	363.10	364.36	0.027034	6.41	3.04	3.06	9.25	9.68	1.81
Roiesine	33.294*	Max WS	APP_Tr30_D3	41.13	361.18	362.39	362.89	364.01	0.027216	5.97	2.80	2.81	7.97	9.19	1.79
Roiesine	33.177*	Max WS	APP_Tr30_D1	57.66	360.90	362.36	362.99	364.37	0.026793	6.76	3.21	3.29	10.18	9.93	1.83
Roiesine	33.177*	Max WS	APP_Tr30_D2	51.07	360.90	362.27	362.86	364.14	0.026859	6.48	3.06	3.12	9.32	9.64	1.81
Roiesine	33.177*	Max WS	APP_Tr30_D0.5_	50.58	360.90	362.27	362.85	364.12	0.026883	6.46	3.05	3.11	9.25	9.61	1.81
Roiesine	33.177*	Max WS	APP_Tr30_D3	41.13	360.90	362.13	362.64	363.76	0.027095	6.01	2.81	2.87	7.96	9.11	1.79
Roiesine	33.059*	Max WS	APP_Tr30_D1	57.66	360.62	362.10	362.73	364.13	0.026702	6.81	3.23	3.36	10.17	9.85	1.83
Roiesine	33.059*	Max WS	APP_Tr30_D2	51.07	360.62	362.02	362.61	363.89	0.026700	6.52	3.08	3.19	9.32	9.56	1.81
Roiesine	33.059*	Max WS	APP_Tr30_D0.5_	50.57	360.62	362.01	362.60	363.87	0.026697	6.50	3.07	3.18	9.26	9.54	1.81
Roiesine	33.059*	Max WS	APP_Tr30_D3	41.13	360.62	361.87	362.39	363.52	0.027022	6.06	2.83	2.93	7.95	9.04	1.79
Roiesine	32.941*	Max WS	APP_Tr30_D1	57.66	360.34	361.85	362.49	363.88	0.026525	6.85	3.25	3.42	10.18	9.77	1.83
Roiesine	32.941*	Max WS	APP_Tr30_D2	51.07	360.34	361.76	362.35	363.65	0.026605	6.57	3.10	3.26	9.31	9.47	1.81
Roiesine	32.941*	Max WS	APP_Tr30_D0.5_	50.57	360.34	361.75	362.34	363.63	0.026597	6.55	3.08	3.25	9.25	9.45	1.81
Roiesine	32.941*	Max WS	APP_Tr30_D3	41.13	360.34	361.61	362.13	363.27	0.026942	6.11	2.84	2.99	7.94	8.97	1.79
Roiesine	32.824*	Max WS	APP_Tr30_D1	57.66	360.06	361.60	362.24	363.63	0.026292	6.89	3.26	3.48	10.19	9.70	1.83
Roiesine	32.824*	Max WS	APP_Tr30_D2	51.07	360.06	361.50	362.10	363.40	0.026467	6.62	3.12	3.33	9.31	9.39	1.81
Roiesine	32.824*	Max WS	APP_Tr30_D0.5_	50.57	360.06	361.50	362.09	363.38	0.026475	6.60	3.10	3.31	9.25	9.37	1.81
Roiesine	32.824*	Max WS	APP_Tr30_D3	41.13	360.06	361.35	361.88	363.03	0.026723	6.15	2.86	3.05	7.95	8.89	1.79
Roiesine	32.706*	Max WS	APP_Tr30_D1	57.66	359.78	361.35	361.98	363.38	0.025986	6.93	3.27	3.54	10.22	9.63	1.82
Roiesine	32.706*	Max WS	APP_Tr30_D2	51.07	359.78	361.25	361.85	363.15	0.026202	6.66	3.13	3.39	9.33	9.32	1.81
Roiesine	32.706*	Max WS	APP_Tr30_D0.5_	50.57	359.78	361.24	361.84	363.13	0.026225	6.64	3.12	3.38	9.27	9.29	1.81
Roiesine	32.706*	Max WS	APP_Tr30_D3	41.13	359.78	361.10	361.63	362.77	0.026445	6.19	2.87	3.12	7.96	8.82	1.78
Roiesine	32.589*	Max WS	APP_Tr30_D1	57.66	359.50	361.10	361.73	363.12	0.025496	6.94	3.28	3.59	10.28	9.58	1.81
Roiesine	32.589*	Max WS	APP_Tr30_D2	51.06	359.50	361.00	361.60	362.90	0.025759	6.68	3.14	3.45	9.38	9.25	1.80
Roiesine	32.589*	Max WS	APP_Tr30_D0.5_	50.57	359.50	361.00	361.59	362.88	0.025773	6.66	3.13	3.44	9.31	9.23	1.79
Roiesine	32.589*	Max WS	APP_Tr30_D3	41.13	359.50	360.85	361.38	362.52	0.026102	6.22	2.89	3.18	7.98	8.74	1.77
Roiesine	32.471*	Max WS	APP_Tr30_D1	57.65	359.22	360.86	361.49	362.85	0.024735	6.94	3.27	3.64	10.39	9.53	1.78
Roiesine	32.471*	Max WS	APP_Tr30_D2	51.06	359.22	360.76	361.34	362.63	0.025029	6.68	3.13	3.49	9.47	9.21	1.78
Roiesine	32.471*	Max WS	APP_Tr30_D0.5_	50.57	359.22	360.75	361.33	362.61	0.025058	6.66	3.12	3.48	9.40	9.18	1.78
Roiesine	32.471*	Max WS	APP_Tr30_D3	41.13	359.22	360.60	361.13	362.26	0.025474	6.23	2.89	3.24	8.04	8.68	1.76
Roiesine	32.353*	Max WS	APP_Tr30_D1	57.66	358.94	360.62	361.24	362.56	0.023558	6.89	3.25	3.66	10.57	9.50	1.75
Roiesine	32.353*	Max WS	APP_Tr30_D2	51.06	358.94	360.52	361.09	362.34	0.023818	6.63	3.11	3.51	9.63	9.19	1.74
Roiesine	32.353*	Max WS	APP_Tr30_D0.5_	50.57	358.94	360.52	361.08	362.32	0.023835	6.61	3.10	3.50	9.56	9.16	1.74
Roiesine	32.353*	Max WS	APP_Tr30_D3	41.13	358.94	360.36	360.87	361.98	0.024260	6.19	2.88	3.26	8.18	8.65	1.72
Roiesine	32.236*	Max WS	APP_Tr30_D1	57.65	358.66	360.41	360.99	362.25	0.021772	6.77	3.20	3.64	10.87	9.52	1.69
Roiesine	32.236*	Max WS	APP_Tr30_D2	51.06	358.66	360.31	360.85	362.03	0.021926	6.51	3.07	3.49	9.92	9.20	1.68
Roiesine	32.236*	Max WS	APP_Tr30_D0.5_	50.57	358.66	360.30	360.84	362.01	0.021928	6.49	3.05	3.48	9.85	9.18	1.68
Roiesine	32.236*	Max WS	APP_Tr30_D3	41.13	358.66	360.14	360.62	361.67	0.022252	6.07	2.83	3.25	8.43	8.67	1.66
Roiesine	32.118	Max WS	APP_Tr30_D1	57.65	358.38	360.21	360.75	361.91	0.019305	6.56	3.12	3.56	11.37	9.60	1.60
Roiesine	32.118	Max WS	APP_Tr30_D2	51.06	358.38	360.11	360.60	361.69	0.019259	6.29	2.98	3.42	10.41	9.28	1.58
Roiesine	32.118	Max WS	APP_Tr30_D0.5_	50.57	358.38	360.10	360.59	361.67	0.019260	6.27	2.97	3.41	10.33	9.26	1.58
Roiesine	32.118	Max WS	APP_Tr30_D3	41.13	358.38	359.94	360.37	361.33	0.019249	5.84	2.74	3.17	8.89	8.75	1.55
Roiesine	32.11			Lat Struct											
Roiesine	32.10			Lat Struct											
Roiesine	32.000*	Max WS	APP_Tr30_D1	57.65	358.20	360.02	360.56	361.72	0.019299	6.56	3.13	3.57	11.38	9.62	1.60

HEC-RAS River: Roiesine Reach: Roiesine Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Roiesine	32.000*	Max WS	APP_Tr30_D2	51.06	358.20	359.92	360.42	361.50	0.019290	6.29	2.99	3.42	10.41	9.30	1.59
Roiesine	32.000*	Max WS	APP_Tr30_D0.5_	50.57	358.20	359.91	360.41	361.48	0.019291	6.27	2.97	3.41	10.34	9.27	1.58
Roiesine	32.000*	Max WS	APP_Tr30_D3	41.13	358.20	359.75	360.18	361.14	0.019276	5.85	2.75	3.18	8.89	8.77	1.56
Roiesine	31.883*	Max WS	APP_Tr30_D1	57.65	358.02	359.84	360.38	361.53	0.019278	6.56	3.13	3.57	11.40	9.63	1.60
Roiesine	31.883*	Max WS	APP_Tr30_D2	51.06	358.02	359.74	360.23	361.31	0.019297	6.30	2.99	3.43	10.42	9.32	1.59
Roiesine	31.883*	Max WS	APP_Tr30_D0.5_	50.57	358.02	359.73	360.22	361.29	0.019299	6.27	2.98	3.42	10.35	9.30	1.59
Roiesine	31.883*	Max WS	APP_Tr30_D3	41.13	358.02	359.57	360.00	360.95	0.019274	5.84	2.75	3.18	8.90	8.79	1.56
Roiesine	31.765*	Max WS	APP_Tr30_D1	57.65	357.84	359.65	360.19	361.34	0.019276	6.56	3.14	3.58	11.41	9.65	1.60
Roiesine	31.765*	Max WS	APP_Tr30_D2	51.06	357.84	359.55	360.05	361.12	0.019287	6.29	3.00	3.43	10.44	9.34	1.59
Roiesine	31.765*	Max WS	APP_Tr30_D0.5_	50.57	357.84	359.54	360.03	361.10	0.019289	6.27	2.99	3.42	10.37	9.32	1.59
Roiesine	31.765*	Max WS	APP_Tr30_D3	41.13	357.84	359.38	359.81	360.76	0.019267	5.84	2.76	3.18	8.92	8.81	1.56
Roiesine	31.647*	Max WS	APP_Tr30_D1	57.65	357.67	359.47	360.02	361.14	0.019249	6.55	3.14	3.58	11.43	9.68	1.60
Roiesine	31.647*	Max WS	APP_Tr30_D2	51.06	357.67	359.37	359.86	360.93	0.019264	6.29	3.00	3.44	10.46	9.37	1.59
Roiesine	31.647*	Max WS	APP_Tr30_D0.5_	50.57	357.67	359.36	359.85	360.91	0.019268	6.27	2.99	3.42	10.39	9.34	1.59
Roiesine	31.647*	Max WS	APP_Tr30_D3	41.13	357.67	359.20	359.62	360.57	0.019265	5.84	2.77	3.18	8.93	8.84	1.56
Roiesine	31.530*	Max WS	APP_Tr30_D1	57.65	357.49	359.28	359.83	360.95	0.019224	6.55	3.14	3.58	11.46	9.73	1.60
Roiesine	31.530*	Max WS	APP_Tr30_D2	51.06	357.49	359.18	359.68	360.74	0.019248	6.28	3.01	3.44	10.48	9.40	1.59
Roiesine	31.530*	Max WS	APP_Tr30_D0.5_	50.57	357.49	359.17	359.67	360.72	0.019252	6.26	3.00	3.43	10.40	9.37	1.59
Roiesine	31.530*	Max WS	APP_Tr30_D3	41.13	357.49	359.01	359.44	360.38	0.019268	5.84	2.78	3.19	8.95	8.87	1.56
Roiesine	31.412*	Max WS	APP_Tr30_D1	57.65	357.31	359.10	359.63	360.76	0.019213	6.54	3.13	3.59	11.49	9.80	1.60
Roiesine	31.412*	Max WS	APP_Tr30_D2	51.06	357.31	358.99	359.50	360.54	0.019206	6.28	3.01	3.44	10.51	9.43	1.59
Roiesine	31.412*	Max WS	APP_Tr30_D0.5_	50.57	357.31	358.99	359.49	360.53	0.019225	6.26	3.00	3.43	10.43	9.41	1.59
Roiesine	31.412*	Max WS	APP_Tr30_D3	41.13	357.31	358.83	359.25	360.19	0.019279	5.84	2.78	3.20	8.96	8.90	1.56
Roiesine	31.294*	Max WS	APP_Tr30_D1	57.65	357.13	358.91	359.45	360.57	0.019236	6.54	3.10	3.58	11.53	9.94	1.60
Roiesine	31.294*	Max WS	APP_Tr30_D2	51.06	357.13	358.81	359.29	360.35	0.019167	6.27	3.01	3.44	10.54	9.50	1.58
Roiesine	31.294*	Max WS	APP_Tr30_D0.5_	50.57	357.13	358.80	359.28	360.33	0.019185	6.25	3.00	3.43	10.46	9.47	1.58
Roiesine	31.294*	Max WS	APP_Tr30_D3	41.13	357.13	358.64	359.07	360.00	0.019287	5.83	2.79	3.20	8.98	8.93	1.56
Roiesine	31.177*	Max WS	APP_Tr30_D1	57.65	356.96	358.73	359.25	360.38	0.019223	6.54	3.05	3.58	11.59	10.13	1.60
Roiesine	31.177*	Max WS	APP_Tr30_D2	51.06	356.96	358.62	359.12	360.16	0.019140	6.26	2.98	3.44	10.59	9.62	1.58
Roiesine	31.177*	Max WS	APP_Tr30_D0.5_	50.57	356.96	358.62	359.11	360.14	0.019148	6.24	2.98	3.43	10.51	9.58	1.58
Roiesine	31.177*	Max WS	APP_Tr30_D3	41.13	356.96	358.46	358.90	359.81	0.019227	5.82	2.79	3.20	9.01	8.98	1.56
Roiesine	31.059*	Max WS	APP_Tr30_D1	57.65	356.78	358.54	359.01	360.18	0.019164	6.53	3.00	3.57	11.68	10.37	1.60
Roiesine	31.059*	Max WS	APP_Tr30_D2	51.06	356.78	358.44	358.92	359.97	0.019113	6.26	2.93	3.43	10.65	9.84	1.58
Roiesine	31.059*	Max WS	APP_Tr30_D0.5_	50.57	356.78	358.43	358.92	359.95	0.019140	6.24	2.93	3.42	10.57	9.79	1.58
Roiesine	31.059*	Max WS	APP_Tr30_D3	41.13	356.78	358.27	358.70	359.61	0.019127	5.81	2.79	3.20	9.06	9.05	1.56
Roiesine	30.941*	Max WS	APP_Tr30_D1	57.65	356.60	358.36	358.96	359.97	0.018928	6.49	2.98	3.54	11.81	10.60	1.59
Roiesine	30.941*	Max WS	APP_Tr30_D2	51.06	356.60	358.26	358.70	359.77	0.019026	6.24	2.86	3.42	10.75	10.12	1.58
Roiesine	30.941*	Max WS	APP_Tr30_D0.5_	50.57	356.60	358.25	358.70	359.75	0.019057	6.23	2.85	3.41	10.66	10.08	1.58
Roiesine	30.941*	Max WS	APP_Tr30_D3	41.13	356.60	358.09	358.52	359.41	0.018995	5.79	2.79	3.18	9.11	9.15	1.55
Roiesine	30.824*	Max WS	APP_Tr30_D1	57.64	356.42	358.18	358.75	359.75	0.018562	6.44	2.98	3.45	12.00	10.90	1.58
Roiesine	30.824*	Max WS	APP_Tr30_D2	51.06	356.42	358.08	358.63	359.56	0.018716	6.20	2.82	3.37	10.90	10.41	1.57
Roiesine	30.824*	Max WS	APP_Tr30_D0.5_	50.57	356.42	358.07	358.62	359.54	0.018785	6.19	2.81	3.37	10.81	10.37	1.57
Roiesine	30.824*	Max WS	APP_Tr30_D3	41.13	356.42	357.91	358.32	359.22	0.018874	5.77	2.71	3.17	9.20	9.42	1.55
Roiesine	30.706*	Max WS	APP_Tr30_D1	57.64	356.25	358.00	358.52	359.52	0.017984	6.36	2.97	3.32	12.29	11.37	1.56
Roiesine	30.706*	Max WS	APP_Tr30_D2	51.05	356.25	357.90	358.41	359.33	0.018166	6.12	2.81	3.27	11.14	10.77	1.55
Roiesine	30.706*	Max WS	APP_Tr30_D0.5_	50.57	356.25	357.89	358.41	359.32	0.018281	6.12	2.81	3.27	11.03	10.72	1.55
Roiesine	30.706*	Max WS	APP_Tr30_D3	41.13	356.25	357.73	358.10	359.02	0.018646	5.75	2.58	3.14	9.34	9.87	1.54
Roiesine	30.588*	Max WS	APP_Tr30_D1	57.75	356.07	357.83	358.31	359.29	0.017334	6.27	2.96	3.07	12.76	12.30	1.53
Roiesine	30.588*	Max WS	APP_Tr30_D2	51.10	356.07	357.73	358.18	359.09	0.017368	6.02	2.80	3.11	11.50	11.33	1.52
Roiesine	30.588*	Max WS	APP_Tr30_D0.5_	50.56	356.07	357.72	358.18	359.08	0.017470	6.01	2.79	3.12	11.38	11.26	1.52
Roiesine	30.588*	Max WS	APP_Tr30_D3	41.13	356.07	357.55	358.01	358.80	0.018031	5.67	2.55	3.04	9.58	10.29	1.51
Roiesine	30.471*	Max WS	APP_Tr30_D1	58.04	355.89	357.67	358.09	359.00	0.015816	6.05	2.88	2.94	13.50	13.09	1.47
Roiesine	30.471*	Max WS	APP_Tr30_D2	51.32	355.89	357.56	357.97	358.85	0.016354	5.89	2.77	2.86	12.10	12.41	1.47
Roiesine	30.471*	Max WS	APP_Tr30_D0.5_	50.62	355.89	357.55	357.96	358.83	0.016382	5.87	2.76	2.86	11.96	12.30	1.47
Roiesine	30.471*	Max WS	APP_Tr30_D3	41.22	355.89	357.38	357.79	358.56	0.017022	5.55	2.53	2.89	9.96	10.86	1.47
Roiesine	30.353*	Max WS	APP_Tr30_D1	58.04	355.71	357.53	357.85	358.65	0.013166	5.61	2.70	2.89	14.55	13.38	1.34
Roiesine	30.353*	Max WS	APP_Tr30_D2	51.31	355.71	357.42	357.74	358.51	0.013861	5.51	2.63	2.77	13.04	12.93	1.36
Roiesine	30.353*	Max WS	APP_Tr30_D0.5_	50.62	355.71	357.41	357.73	358.50	0.013938	5.50	2.62	2.76	12.88	12.88	1.36
Roiesine	30.353*	Max WS	APP_Tr30_D3	41.22	355.71	357.22	357.56	358.29	0.015377	5.34	2.48	2.64	10.60	11.85	1.41
Roiesine	30.235*	Max WS	APP_Tr30_D1	58.04	355.53	357.42	357.62	358.32	0.010340	5.10	2.50	2.78	15.98	13.71	1.20
Roiesine	30.235*	Max WS	APP_Tr30_D2	51.31	355.53	357.30	357.51	358.18	0.010864	5.00	2.43	2.68	14.35	13.25	1.21
Roiesine	30.235*	Max WS	APP_Tr30_D0.5_	50.60	355.53	357.29	357.50	358.16	0.010913	4.99	2.42	2.66	14.18	13.20	1.22
Roiesine	30.235*	Max WS	APP_Tr30_D3	41.21	355.53	357.09	357.33	357.96	0.012414	4.90	2.33	2.51	11.64	12.48	1.27
Roiesine	30.118*	Max WS	APP_Tr30_D1	58.04	355.36	357.33	357.39	358.04	0.007742	4.57	2.30	2.61	17.77	13.94	1.05
Roiesine	30.118*	Max WS	APP_Tr30_D2	51.31	355.36	357.21	357.28	357.89	0.008060	4.46	2.21	2.52	16.04	13.57	1.06
Roiesine	30.118*	Max WS	APP_Tr30_D0.5_	50.55	355.36	357.20	357.27	357.87	0.008064	4.44	2.20	2.51	15.87	13.53	1.05
Roiesine	30.118*	Max WS	APP_Tr30_D3	41.21	355.36	356.99	357.09	357.66	0.009130	4.35	2.11	2.39	13.10	12.81	1.10
Roiesine	30	Max WS	APP_Tr30_D1	58.04	355.18	357.27		357.82	0.005666	4.06	2.10	2.42	19.84	14.09	0.90
Roiesine	30	Max WS	APP_Tr30_D2	51.31	355.18	357.14		357.67	0.005780	3.93	2.01	2.33	18.06	13.76	0.90
Roiesine	30	Max WS	APP_Tr30_D0.5_	50.40	355.18	357.13		357.64	0.005730	3.90	1.99	2.31	17.88	13.72	0.90
Roiesine	30	Max WS	APP_Tr30_D3	41.21	355.18	356.91		357.41	0.006359	3.79	1.89	2.21	14.96	13.13	0.93
Roiesine	29.250*	Max WS	APP_Tr30_D1	58.03	355.02	357.24		357.61	0.003598	3.36	1.82	2.03	24.15	16.08	0.73
Roiesine	29.250*	Max WS	APP_Tr30_D2	51.31	355.02	357.11		357.46	0.003711	3.27	1.73	1.95	22.00	16.08	0.73
Roiesine	29.250*	Max WS	APP_Tr30_D0.5_	50.74	355.02	357.10		357.45	0.003735	3.27	1.73	1.94	21.79	16.08	0.73
Roiesine	29.250*	Max WS	APP_Tr30_D3	41.21	355.02	356.87		357.20	0.004052	3.15	1.64	1.85	18.26	15.31	0.75
Roiesine	28.500*	Max WS	APP_Tr30_D1	58.02	354.86	357.30		357.52	0.002035	2.68	1.51	1.65	30.37	17.97	0.55
Roiesine	28.500*	Max WS	APP_Tr30_D2	51.30	354.86	357.16		357.37	0.002062	2.59	1.44	1.58	27.85	17.97	0.55
Roiesine	28.500*	Max WS	APP_Tr30_D0.5_	50.63	354.86	357.14		357.35	0.002067	2.58	1.43	1.57	27.58	17.97	0.55
Roiesine	28.500*	Max WS	APP_Tr30_D3	41.21	354.86	356.90		357.11	0.002252	2.50	1.34	1.48	23.35	17.92	0.57
Roiesine	27.750*	Max WS	APP_Tr30_D1	57.99	354.70	357.34		357.49	0.001220	2.18	1.27	1.37	37.25	19.85	0.43
Roiesine	27.750*	Max WS	APP_Tr30_D2	51.30	354.70	357.20		357.34	0.001212	2.10	1.21	1.30	34.42	19.85	0.43
Roiesine	27.750*	Max WS	APP_Tr30_D0.5_	50.62	354.70	357.18		357.32	0.001213	2.09	1.20	1.30	34.11	19.85	0.43
Roiesine	27.750*	Max WS	APP_Tr30_D3	41.21	354.70	356.95		357.07	0.001262	1.99	1.11	1.21	29.38	19.85	0.43
Roiesine	27	Max WS	APP_Tr30_D1	57.06	354.54	357.38		357.48	0.000751	1.79	1.07	1.14	44.66	21.74	0.34
Roiesine	27	Max WS	APP_Tr30_D2	50.94	354.54	357.23		357.32	0.000752	1.73	1.02	1.09	41.43	21.74	0.34
Roiesine	27	Max WS	APP_Tr30_D0.5_	50.29	354.54	357.22		357.31	0.000752	1.72	1.02	1.08	41.08	21.74	0.34
Roiesine	27	Max WS	APP_Tr30_D3	41.20	354.54	356.97		357.05	0.000766	1.63	0.94	1.01	35.81	21.74	0.34

HEC-RAS River: Roiesine Reach: Roiesine Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Roiesine	26.500*	Max WS	APP_Tr30_D1	55.39	354.54	357.39		357.48	0.000699	1.73	1.03	1.10	44.84	21.74	0.33
Roiesine	26.500*	Max WS	APP_Tr30_D2	49.89	354.54	357.24		357.32	0.000716	1.69	1.00	1.06	41.52	21.74	0.33
Roiesine	26.500*	Max WS	APP_Tr30_D0.5_	49.31	354.54	357.22		357.31	0.000718	1.69	0.99	1.06	41.17	21.74	0.33
Roiesine	26.500*	Max WS	APP_Tr30_D3	40.96	354.54	356.97		357.05	0.000758	1.62	0.93	1.00	35.79	21.74	0.34
Roiesine	26	Max WS	APP_Tr30_D1	52.97	354.54	357.40	356.22	357.48	0.000628	1.65	0.98	1.05	45.10	21.74	0.32
Roiesine	26	Max WS	APP_Tr30_D2	48.21	354.54	357.24	356.16	357.32	0.000660	1.63	0.96	1.02	41.70	21.74	0.32
Roiesine	26	Max WS	APP_Tr30_D0.5_	47.70	354.54	357.23	356.15	357.31	0.000663	1.62	0.96	1.02	41.34	21.74	0.32
Roiesine	26	Max WS	APP_Tr30_D3	40.29	354.54	356.97	356.03	357.05	0.000731	1.59	0.92	0.99	35.83	21.74	0.33
Roiesine	25.50			Bridge											
Roiesine	25	Max WS	APP_Tr30_D1	52.97	354.54	356.74		356.93	0.002019	2.47	1.37	1.49	30.70	21.74	0.54
Roiesine	25	Max WS	APP_Tr30_D2	48.21	354.54	356.65		356.83	0.002043	2.41	1.32	1.44	28.73	21.74	0.54
Roiesine	25	Max WS	APP_Tr30_D0.5_	47.70	354.54	356.64		356.82	0.002046	2.40	1.31	1.43	28.51	21.74	0.54
Roiesine	25	Max WS	APP_Tr30_D3	40.29	354.54	356.49		356.65	0.002090	2.31	1.24	1.34	25.22	21.39	0.54
Roiesine	24.000*	Max WS	APP_Tr30_D1	52.92	354.54	356.74		356.92	0.002022	2.47	1.37	1.49	30.67	21.74	0.54
Roiesine	24.000*	Max WS	APP_Tr30_D2	48.20	354.54	356.65		356.83	0.002050	2.41	1.32	1.44	28.69	21.74	0.54
Roiesine	24.000*	Max WS	APP_Tr30_D0.5_	47.69	354.54	356.64		356.81	0.002056	2.41	1.32	1.43	28.47	21.74	0.54
Roiesine	24.000*	Max WS	APP_Tr30_D3	40.29	354.54	356.48		356.65	0.002101	2.31	1.24	1.34	25.18	21.38	0.54
Roiesine	23	Max WS	APP_Tr30_D1	52.88	354.54	356.74	356.22	356.92	0.002024	2.47	1.37	1.49	30.64	21.74	0.54
Roiesine	23	Max WS	APP_Tr30_D2	48.19	354.54	356.64	356.16	356.82	0.002060	2.42	1.32	1.44	28.64	21.74	0.54
Roiesine	23	Max WS	APP_Tr30_D0.5_	47.68	354.54	356.63	356.15	356.81	0.002063	2.41	1.32	1.43	28.43	21.74	0.54
Roiesine	23	Max WS	APP_Tr30_D3	40.29	354.54	356.48	356.03	356.65	0.002112	2.31	1.25	1.34	25.13	21.38	0.54
Roiesine	22.50			Inl Struct											
Roiesine	22	Max WS	APP_Tr30_D1	52.88	353.20	355.04	355.57	356.48	0.020353	5.78	3.96	1.13	10.61	9.68	1.45
Roiesine	22	Max WS	APP_Tr30_D2	48.19	353.20	354.95	355.41	356.33	0.021022	5.65	3.91	0.89	9.74	8.83	1.46
Roiesine	22	Max WS	APP_Tr30_D0.5_	47.68	353.20	354.94	355.40	356.31	0.021092	5.63	3.90	0.86	9.65	8.73	1.46
Roiesine	22	Max WS	APP_Tr30_D3	40.29	353.20	354.78	355.21	356.05	0.022413	5.38	3.80	0.25	8.35	7.26	1.48
Roiesine	21.667*	Max WS	APP_Tr30_D1	52.88	353.19	355.02	355.20	355.97	0.012268	4.44	2.43		12.71	9.60	1.16
Roiesine	21.667*	Max WS	APP_Tr30_D2	48.18	353.19	354.92	355.10	355.83	0.012565	4.35	2.36		11.81	9.40	1.17
Roiesine	21.667*	Max WS	APP_Tr30_D0.5_	47.67	353.19	354.91	355.09	355.82	0.012598	4.34	2.35		11.71	9.38	1.17
Roiesine	21.667*	Max WS	APP_Tr30_D3	40.28	353.19	354.75	354.92	355.60	0.013356	4.19	2.23		10.20	9.04	1.19
Roiesine	21.333*	Max WS	APP_Tr30_D1	52.88	353.18	355.00	354.97	355.64	0.008221	3.57	1.37		15.14	11.36	0.96
Roiesine	21.333*	Max WS	APP_Tr30_D2	48.17	353.18	354.90	354.88	355.52	0.008493	3.49	1.30		14.06	11.16	0.96
Roiesine	21.333*	Max WS	APP_Tr30_D0.5_	47.66	353.18	354.89	354.87	355.51	0.008523	3.49	1.29		13.94	11.14	0.96
Roiesine	21.333*	Max WS	APP_Tr30_D3	40.27	353.18	354.73	354.72	355.30	0.009221	3.37	1.16		12.13	10.80	0.99
Roiesine	21	Max WS	APP_Tr30_D1	52.88	353.17	354.99		355.43	0.005889	2.96	0.22		17.86	12.94	0.80
Roiesine	21	Max WS	APP_Tr30_D2	48.16	353.17	354.89		355.32	0.006113	2.90	0.18		16.63	12.81	0.81
Roiesine	21	Max WS	APP_Tr30_D0.5_	47.65	353.17	354.88		355.31	0.006138	2.89	0.18		16.49	12.80	0.81
Roiesine	21	Max WS	APP_Tr30_D3	40.26	353.17	354.71		355.11	0.006738	2.80	0.09		14.39	12.58	0.83
Roiesine	20.500*	Max WS	APP_Tr30_D1	52.87	352.93	354.94		355.35	0.005213	2.84	0.37		18.64	13.97	0.77
Roiesine	20.500*	Max WS	APP_Tr30_D2	48.05	352.93	354.84		355.23	0.005404	2.78	0.21		17.30	13.56	0.78
Roiesine	20.500*	Max WS	APP_Tr30_D0.5_	47.53	352.93	354.83		355.22	0.005430	2.77	0.19		17.15	13.52	0.78
Roiesine	20.500*	Max WS	APP_Tr30_D3	40.14	352.93	354.66		355.03	0.005724	2.69			14.92	12.70	0.79
Roiesine	20	Max WS	APP_Tr30_D1	52.88	352.70	354.90	354.34	355.17	0.002893	2.30	0.24		23.07	16.62	0.59
Roiesine	20	Max WS	APP_Tr30_D2	48.33	352.70	354.80	354.26	355.06	0.002882	2.24	0.10		21.55	14.84	0.58
Roiesine	20	Max WS	APP_Tr30_D0.5_	47.81	352.70	354.79	354.25	355.05	0.002877	2.24	0.07		21.39	14.63	0.58
Roiesine	20	Max WS	APP_Tr30_D3	40.46	352.70	354.62	354.11	354.85	0.002868	2.13			18.99	13.66	0.58
Roiesine	19.5			Inl Struct											
Roiesine	19	Max WS	APP_Tr30_D1	52.87	349.43	352.14		352.56	0.004162	2.86			18.49	10.27	0.68
Roiesine	19	Max WS	APP_Tr30_D2	48.33	349.43	352.00		352.41	0.004305	2.82			17.13	10.01	0.69
Roiesine	19	Max WS	APP_Tr30_D0.5_	47.81	349.43	351.99		352.39	0.004318	2.82			16.98	9.98	0.69
Roiesine	19	Max WS	APP_Tr30_D3	40.46	349.43	351.77		352.15	0.004525	2.73			14.82	9.55	0.70
Roiesine	18.875*	Max WS	APP_Tr30_D1	52.86	349.36	352.07		352.48	0.004053	2.84			18.63	10.24	0.67
Roiesine	18.875*	Max WS	APP_Tr30_D2	48.20	349.36	351.93		352.33	0.004192	2.80			17.21	9.96	0.68
Roiesine	18.875*	Max WS	APP_Tr30_D0.5_	47.74	349.36	351.92		352.31	0.004209	2.80			17.07	9.94	0.68
Roiesine	18.875*	Max WS	APP_Tr30_D3	40.32	349.36	351.69		352.06	0.004416	2.71			14.86	9.48	0.69
Roiesine	18.750*	Max WS	APP_Tr30_D1	52.85	349.28	352.00		352.41	0.003935	2.81			18.80	10.23	0.66
Roiesine	18.750*	Max WS	APP_Tr30_D2	48.17	349.28	351.86		352.25	0.004080	2.78			17.35	9.94	0.67
Roiesine	18.750*	Max WS	APP_Tr30_D0.5_	47.69	349.28	351.85		352.24	0.004091	2.77			17.20	9.91	0.67
Roiesine	18.750*	Max WS	APP_Tr30_D3	40.30	349.28	351.61		351.98	0.004308	2.69			14.95	9.44	0.68
Roiesine	18.625*	Max WS	APP_Tr30_D1	52.85	349.20	351.94		352.33	0.003812	2.78			18.99	10.24	0.65
Roiesine	18.625*	Max WS	APP_Tr30_D2	48.17	349.20	351.79		352.18	0.003959	2.75			17.51	9.93	0.66
Roiesine	18.625*	Max WS	APP_Tr30_D0.5_	47.68	349.20	351.78		352.16	0.003971	2.75			17.36	9.90	0.66
Roiesine	18.625*	Max WS	APP_Tr30_D3	40.29	349.20	351.54		351.90	0.004187	2.67			15.08	9.41	0.67
Roiesine	18.500*	Max WS	APP_Tr30_D1	52.85	349.12	351.88		352.26	0.003679	2.75			19.23	10.26	0.64
Roiesine	18.500*	Max WS	APP_Tr30_D2	48.17	349.12	351.73		352.11	0.003828	2.72			17.71	9.95	0.65
Roiesine	18.500*	Max WS	APP_Tr30_D0.5_	47.67	349.12	351.71		352.09	0.003843	2.72			17.56	9.91	0.65
Roiesine	18.500*	Max WS	APP_Tr30_D3	40.29	349.12	351.47		351.83	0.004059	2.65			15.23	9.41	0.66
Roiesine	18.375*	Max WS	APP_Tr30_D1	52.85	349.05	351.82		352.20	0.003540	2.71			19.51	10.31	0.63
Roiesine	18.375*	Max WS	APP_Tr30_D2	48.16	349.05	351.67		352.03	0.003691	2.68			17.95	9.98	0.64
Roiesine	18.375*	Max WS	APP_Tr30_D0.5_	47.67	349.05	351.65		352.02	0.003704	2.68			17.79	9.95	0.64
Roiesine	18.375*	Max WS	APP_Tr30_D3	40.29	349.05	351.41		351.75	0.003926	2.61			15.41	9.42	0.65
Roiesine	18.250*	Max WS	APP_Tr30_D1	52.84	348.97	351.77		352.13	0.003386	2.66			19.85	10.39	0.62
Roiesine	18.250*	Max WS	APP_Tr30_D2	48.16	348.97	351.61		351.97	0.003540	2.64			18.24	10.04	0.63
Roiesine	18.250*	Max WS	APP_Tr30_D0.5_	47.66	348.97	351.59		351.95	0.003555	2.64			18.08	10.01	0.63
Roiesine	18.250*	Max WS	APP_Tr30_D3	40.29	348.97	351.34		351.68	0.003779	2.58			15.63	9.45	0.64
Roiesine	18.249			Lat Struct											
Roiesine	18.248			Lat Struct											
Roiesine	18.125*	Max WS	APP_Tr30_D1	52.84	348.89	351.72		352.07	0.003218	2.61			20.26	10.50	0.60
Roiesine	18.125*	Max WS	APP_Tr30_D2	48.16	348.89	351.56		351.90	0.003374	2.59			18.60	10.14	0.61
Roiesine	18.125*	Max WS	APP_Tr30_D0.5_	47.66	348.89	351.54		351.88	0.003388	2.59			18.43	10.10	0.61
Roiesine	18.125*	Max WS	APP_Tr30_D3	40.29	348.89	351.29		351.61	0.003612	2.53			15.91	9.52	0.63
Roiesine	18	Max WS	APP_Tr30_D1	52.87	348.81	351.67	350.95	352.01	0.003046	2.55			20.74	10.65	0.58
Roiesine	18	Max WS	APP_Tr30_D2	48.16	348.81	351.51	350.83	351.84	0.003194	2.53			19.02	10.27	0.59
Roiesine	18	Max WS	APP_Tr30_D0.5_	47.66	348.81	351.49	350.84	351.82	0.003209	2.53			18.84	10.23	0.59
Roiesine	18	Max WS	APP_Tr30_D3	40.29	348.81	351.23	350.65	351.55	0.003431	2.48			16.25	9.61	0.61

HEC-RAS River: Roiesine Reach: Roiesine Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Roiesine	17.5			Bridge											
Roiesine	17.40	Max WS	APP_Tr30_D1	52.87	348.99	350.44	351.00	352.36	0.025422	6.14	0.31	0.71	8.71	7.08	1.76
Roiesine	17.40	Max WS	APP_Tr30_D2	48.16	348.99	350.37	350.89	352.15	0.025556	5.92	0.30	0.69	8.22	7.07	1.75
Roiesine	17.40	Max WS	APP_Tr30_D0.5_	47.66	348.99	350.36	350.88	352.13	0.025560	5.90	0.30	0.69	8.17	7.07	1.74
Roiesine	17.40	Max WS	APP_Tr30_D3	40.29	348.99	350.24	350.70	351.81	0.026089	5.55	0.27	0.66	7.33	7.06	1.73
Roiesine	17	Max WS	APP_Tr30_D1	52.87	349.01	350.39	350.87	352.02	0.020494	5.73	1.00	2.28	9.82	8.16	1.60
Roiesine	17	Max WS	APP_Tr30_D2	48.16	349.01	350.32	350.76	351.83	0.020465	5.52	0.94	2.20	9.25	8.11	1.58
Roiesine	17	Max WS	APP_Tr30_D0.5_	47.66	349.01	350.32	350.76	351.81	0.020452	5.50	0.94	2.19	9.19	8.10	1.58
Roiesine	17	Max WS	APP_Tr30_D3	40.29	349.01	350.20	350.58	351.52	0.020565	5.16	0.82	2.06	8.24	8.01	1.56
Roiesine	16.90	Max WS	APP_Tr30_D1	52.87	349.01	350.36	350.87	352.06	0.022205	5.87	1.02	2.37	9.59	8.18	1.65
Roiesine	16.90	Max WS	APP_Tr30_D2	48.16	349.01	350.29	350.76	351.88	0.022261	5.66	0.95	2.29	9.02	8.12	1.64
Roiesine	16.90	Max WS	APP_Tr30_D0.5_	47.66	349.01	350.28	350.74	351.86	0.022276	5.64	0.95	2.29	8.96	8.12	1.64
Roiesine	16.90	Max WS	APP_Tr30_D3	40.29	349.01	350.16	350.58	351.56	0.022638	5.31	0.82	2.16	8.00	8.02	1.62
Roiesine	16.675*	Max WS	APP_Tr30_D1	52.87	348.69	350.03	350.47	351.55	0.019257	5.51	0.89	1.79	10.04	8.31	1.54
Roiesine	16.675*	Max WS	APP_Tr30_D2	48.16	348.69	349.95	350.36	351.38	0.019452	5.32	0.82	1.73	9.43	8.27	1.54
Roiesine	16.675*	Max WS	APP_Tr30_D0.5_	47.66	348.69	349.95	350.35	351.36	0.019475	5.30	0.81	1.73	9.36	8.27	1.53
Roiesine	16.675*	Max WS	APP_Tr30_D3	40.29	348.69	349.82	350.19	351.08	0.019983	5.00	0.68	1.63	8.34	8.16	1.53
Roiesine	16.450*	Max WS	APP_Tr30_D1	52.87	348.36	349.75	350.08	351.04	0.015546	5.05	0.78	1.22	10.82	8.51	1.39
Roiesine	16.450*	Max WS	APP_Tr30_D2	48.16	348.36	349.67	349.98	350.88	0.015822	4.89	0.73	1.18	10.14	8.48	1.39
Roiesine	16.450*	Max WS	APP_Tr30_D0.5_	47.66	348.36	349.66	349.98	350.86	0.015842	4.87	0.72	1.18	10.07	8.48	1.39
Roiesine	16.450*	Max WS	APP_Tr30_D3	40.29	348.36	349.53	349.81	350.60	0.016368	4.60	0.61	1.11	8.98	8.42	1.39
Roiesine	16.225*	Max WS	APP_Tr30_D1	52.86	348.03	349.53	349.72	350.56	0.011463	4.50	0.71	0.68	12.03	8.79	1.21
Roiesine	16.225*	Max WS	APP_Tr30_D2	48.16	348.03	349.45	349.63	350.41	0.011631	4.36	0.67	0.65	11.30	8.78	1.20
Roiesine	16.225*	Max WS	APP_Tr30_D0.5_	47.66	348.03	349.44	349.61	350.40	0.011648	4.34	0.66	0.65	11.22	8.77	1.20
Roiesine	16.225*	Max WS	APP_Tr30_D3	40.29	348.03	349.30	349.46	350.15	0.011978	4.09	0.58	0.61	10.03	8.75	1.20
Roiesine	16	Max WS	APP_Tr30_D1	52.86	347.71	349.38	349.39	350.15	0.007755	3.91	0.63	0.10	13.73	9.10	1.01
Roiesine	16	Max WS	APP_Tr30_D2	48.15	347.71	349.29	349.30	350.02	0.007759	3.77	0.60	0.09	12.97	9.09	1.00
Roiesine	16	Max WS	APP_Tr30_D0.5_	47.66	347.71	349.28	349.28	350.00	0.007757	3.75	0.60	0.09	12.89	9.09	1.00
Roiesine	16	Max WS	APP_Tr30_D3	40.29	347.71	349.14	349.13	349.77	0.007788	3.51	0.54	0.09	11.61	9.09	0.98
Roiesine	15.833*	Max WS	APP_Tr30_D1	52.86	347.56	349.23	349.23	350.00	0.007563	3.90	0.63	0.09	13.79	9.02	1.00
Roiesine	15.833*	Max WS	APP_Tr30_D2	48.15	347.56	349.14	349.14	349.86	0.007538	3.75	0.60	0.09	13.04	9.02	0.99
Roiesine	15.833*	Max WS	APP_Tr30_D0.5_	47.66	347.56	349.14	349.13	349.84	0.007538	3.73	0.60	0.09	12.95	9.02	0.98
Roiesine	15.833*	Max WS	APP_Tr30_D3	40.29	347.56	349.00	348.97	349.62	0.007532	3.49	0.54	0.08	11.69	9.01	0.97
Roiesine	15.667*	Max WS	APP_Tr30_D1	52.86	347.41	349.08	349.07	349.85	0.007341	3.87	0.63	0.09	13.86	8.94	0.98
Roiesine	15.667*	Max WS	APP_Tr30_D2	48.15	347.41	349.00	348.98	349.71	0.007289	3.72	0.60	0.09	13.13	8.94	0.97
Roiesine	15.667*	Max WS	APP_Tr30_D0.5_	47.66	347.41	348.99	348.96	349.69	0.007282	3.71	0.60	0.09	13.05	8.94	0.97
Roiesine	15.667*	Max WS	APP_Tr30_D3	40.29	347.41	348.85	348.81	349.46	0.007226	3.46	0.54	0.08	11.80	8.93	0.95
Roiesine	15.500*	Max WS	APP_Tr30_D1	52.86	347.27	348.94	348.92	349.70	0.007086	3.85	0.62	0.09	13.97	8.86	0.97
Roiesine	15.500*	Max WS	APP_Tr30_D2	48.15	347.27	348.86	348.81	349.55	0.006991	3.69	0.59	0.09	13.25	8.86	0.95
Roiesine	15.500*	Max WS	APP_Tr30_D0.5_	47.66	347.27	348.85	348.81	349.54	0.006983	3.67	0.59	0.08	13.17	8.86	0.95
Roiesine	15.500*	Max WS	APP_Tr30_D3	40.29	347.27	348.72		349.31	0.006857	3.42	0.54	0.08	11.95	8.85	0.93
Roiesine	15.333*	Max WS	APP_Tr30_D1	52.86	347.12	348.81	348.76	349.55	0.006802	3.81	0.62	0.09	14.09	8.78	0.95
Roiesine	15.333*	Max WS	APP_Tr30_D2	48.15	347.12	348.73	348.66	349.41	0.006665	3.65	0.59	0.08	13.40	8.78	0.94
Roiesine	15.333*	Max WS	APP_Tr30_D0.5_	47.66	347.12	348.72	348.66	349.39	0.006650	3.63	0.58	0.08	13.32	8.78	0.93
Roiesine	15.333*	Max WS	APP_Tr30_D3	40.29	347.12	348.59		349.16	0.006436	3.36	0.53	0.08	12.14	8.77	0.90
Roiesine	15.167*	Max WS	APP_Tr30_D1	52.86	346.97	348.68		349.40	0.006482	3.77	0.61	0.09	14.25	8.70	0.93
Roiesine	15.167*	Max WS	APP_Tr30_D2	48.15	346.97	348.60		349.26	0.006289	3.60	0.58	0.08	13.59	8.70	0.91
Roiesine	15.167*	Max WS	APP_Tr30_D0.5_	47.66	346.97	348.60		349.25	0.006264	3.58	0.58	0.08	13.52	8.70	0.91
Roiesine	15.167*	Max WS	APP_Tr30_D3	40.29	346.97	348.47		349.02	0.005951	3.30	0.53	0.08	12.40	8.70	0.87
Roiesine	15	Max WS	APP_Tr30_D1	52.86	346.83	348.56		349.26	0.006121	3.72	0.59	0.09	14.45	8.62	0.91
Roiesine	15	Max WS	APP_Tr30_D2	48.15	346.83	348.49		349.12	0.005867	3.54	0.57	0.08	13.83	8.62	0.88
Roiesine	15	Max WS	APP_Tr30_D0.5_	47.66	346.83	348.48		349.11	0.005834	3.52	0.56	0.08	13.77	8.62	0.88
Roiesine	15	Max WS	APP_Tr30_D3	40.29	346.83	348.36		348.88	0.005415	3.22	0.51	0.07	12.71	8.62	0.84
Roiesine	14.99			Lat Struct											
Roiesine	14.91	Max WS	APP_Tr30_D1	52.86	346.58	348.51		349.06	0.004146	3.31	0.45	0.07	16.21	8.62	0.76
Roiesine	14.91	Max WS	APP_Tr30_D2	48.15	346.58	348.44		348.94	0.003891	3.13	0.42	0.07	15.61	8.62	0.74
Roiesine	14.91	Max WS	APP_Tr30_D0.5_	47.66	346.58	348.43		348.92	0.003860	3.11	0.42	0.07	15.55	8.62	0.73
Roiesine	14.91	Max WS	APP_Tr30_D3	40.29	346.58	348.31		348.71	0.003445	2.81	0.37	0.06	14.53	8.62	0.68
Roiesine	14.683*	Max WS	APP_Tr30_D1	52.86	346.38	348.43		348.99	0.003842	3.32	0.59	0.08	16.38	9.03	0.74
Roiesine	14.683*	Max WS	APP_Tr30_D2	48.15	346.38	348.36		348.86	0.003545	3.13	0.54	0.08	15.82	8.89	0.71
Roiesine	14.683*	Max WS	APP_Tr30_D0.5_	47.66	346.38	348.36		348.85	0.003509	3.10	0.53	0.07	15.77	8.87	0.71
Roiesine	14.683*	Max WS	APP_Tr30_D3	40.29	346.38	348.25		348.64	0.003014	2.77	0.46	0.07	14.86	8.55	0.65
Roiesine	14.455*	Max WS	APP_Tr30_D1	52.86	346.17	348.36		348.90	0.003498	3.31	0.91	0.09	17.04	9.54	0.72
Roiesine	14.455*	Max WS	APP_Tr30_D2	48.15	346.17	348.30		348.78	0.003156	3.09	0.83	0.08	16.56	9.47	0.68
Roiesine	14.455*	Max WS	APP_Tr30_D0.5_	47.66	346.17	348.30		348.77	0.003118	3.07	0.82	0.08	16.51	9.46	0.67
Roiesine	14.455*	Max WS	APP_Tr30_D3	40.29	346.17	348.21		348.58	0.002596	2.72	0.69	0.07	15.66	9.34	0.61
Roiesine	14.44			Lat Struct											
Roiesine	14.228*	Max WS	APP_Tr30_D1	48.96	345.97	348.35		348.77	0.002497	2.96	0.89	0.09	18.71	11.75	0.61
Roiesine	14.228*	Max WS	APP_Tr30_D2	45.86	345.97	348.30		348.68	0.002282	2.79	1.05	0.08	18.22	9.79	0.59
Roiesine	14.228*	Max WS	APP_Tr30_D0.5_	45.52	345.97	348.30		348.67	0.002265	2.78	1.04	0.08	18.17	9.78	0.58
Roiesine	14.228*	Max WS	APP_Tr30_D3	39.82	345.97	348.20		348.52	0.002027	2.55	0.94	0.07	17.21	9.66	0.55
Roiesine	14	Max WS	APP_Tr30_D1	38.42	345.77	348.49	347.38	348.67	0.000939	1.99	0.84	0.06	23.42	12.16	0.39
Roiesine	14	Max WS	APP_Tr30_D2	36.99	345.77	348.44	347.35	348.61	0.000943	1.97	0.82	0.06	22.77	12.16	0.38
Roiesine	14	Max WS	APP_Tr30_D0.5_	36.83	345.77	348.43	347.34	348.60	0.000944	1.96	0.82	0.06	22.69	12.16	0.38
Roiesine	14	Max WS	APP_Tr30_D3	34.09	345.77	348.32	347.27	348.49	0.000952	1.92	0.77	0.06	21.39	12.16	0.38
Roiesine	13.5			Inl Struct											
Roiesine	13	Max WS	APP_Tr30_D1	38.39	345.01	346.64	346.64	347.40	0.007237	3.92	1.43	0.30	10.43	7.02	0.98
Roiesine	13	Max WS	APP_Tr30_D2	36.99	345.01	346.59	346.59	347.34	0.007431	3.89	1.42	0.30	10.09	6.99	0.99
Roiesine	13	Max WS	APP_Tr30_D0.5_	36.83	345.01	346.59	346.59	347.34	0.007498	3.89	1.42	0.30	10.04	6.98	0.99
Roiesine	13	Max WS	APP_Tr30_D3	34.09	345.01	346.51	346.51	347.23	0.007674	3.80	1.39	0.29	9.48	6.92	1.00
Roiesine	12.750*	Max WS	APP_Tr30_D1	38.38	344.85	346.54		347.18	0.005822	3.60	1.37	0.24	11.37	7.43	0.89
Roiesine	12.750*	Max WS	APP_Tr30_D2	36.99	344.85	346.49		347.12	0.005995	3.58	1.36	0.24	11.00	7.39	0.89
Roiesine	12.750*	Max WS	APP_Tr30_D0.5_	36.83	344.85	346.48		347.11	0.006062	3.58	1.37	0.24	10.93	7.38	0.90
Roiesine	12.750*	Max WS	APP_Tr30_D3	34.09	344.85	346.40		347.00	0.006201	3.50	1.33	0.24	10.32	7.32	0.90

HEC-RAS River: Roiesine Reach: Roiesine Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Roiesine	12.500*	Max WS	APP_Tr30_D1	38.38	344.68	346.46		346.98	0.004530	3.27	1.28	0.19	12.55	7.98	0.79
Roiesine	12.500*	Max WS	APP_Tr30_D2	36.99	344.68	346.41		346.93	0.004662	3.26	1.29	0.19	12.13	7.88	0.79
Roiesine	12.500*	Max WS	APP_Tr30_D0.5_	36.83	344.68	346.39		346.92	0.004718	3.26	1.29	0.19	12.05	7.86	0.80
Roiesine	12.500*	Max WS	APP_Tr30_D3	34.09	344.68	346.31		346.81	0.004802	3.18	1.27	0.18	11.40	7.76	0.80
Roiesine	12.250*	Max WS	APP_Tr30_D1	37.51	344.52	346.40		346.81	0.003237	2.88	1.13	0.13	14.10	8.73	0.67
Roiesine	12.250*	Max WS	APP_Tr30_D2	36.99	344.52	346.34		346.76	0.003534	2.94	1.14	0.13	13.58	8.72	0.70
Roiesine	12.250*	Max WS	APP_Tr30_D0.5_	36.83	344.52	346.34		346.76	0.003541	2.94	1.14	0.13	13.53	8.72	0.70
Roiesine	12.250*	Max WS	APP_Tr30_D3	34.09	344.52	346.25		346.65	0.003609	2.87	1.08	0.13	12.77	8.70	0.70
Roiesine	12	Max WS	APP_Tr30_D1	37.50	344.35	346.41	345.79	346.71	0.002188	2.50	1.08	0.07	16.29	9.01	0.56
Roiesine	12	Max WS	APP_Tr30_D2	36.99	344.35	346.33	345.77	346.65	0.002413	2.57	1.10	0.07	15.64	9.00	0.59
Roiesine	12	Max WS	APP_Tr30_D0.5_	36.83	344.35	346.33	345.77	346.65	0.002414	2.56	1.10	0.07	15.59	9.00	0.58
Roiesine	12	Max WS	APP_Tr30_D3	34.09	344.35	346.24	345.70	346.54	0.002442	2.50	1.06	0.07	14.77	8.99	0.58
Roiesine	11.5			Inl Struct											
Roiesine	11	Max WS	APP_Tr30_D1	37.42	343.58	346.25		346.44	0.000957	1.98	0.74	0.05	20.70	8.99	0.39
Roiesine	11	Max WS	APP_Tr30_D2	36.65	343.58	345.98		346.21	0.001337	2.18	0.78	0.05	18.27	8.96	0.45
Roiesine	11	Max WS	APP_Tr30_D0.5_	36.77	343.58	345.82		346.09	0.001706	2.34	0.91	0.06	16.86	8.46	0.50
Roiesine	11	Max WS	APP_Tr30_D3	34.09	343.58	345.40		345.76	0.002995	2.70	1.04	0.07	13.38	8.13	0.64
Roiesine	10.99			Lat Struct											
Roiesine	10.70	Max WS	APP_Tr30_D1	44.75	343.50	346.09		346.36	0.001598	2.32	0.47	0.01	19.95	11.85	0.49
Roiesine	10.70	Max WS	APP_Tr30_D2	42.28	343.50	345.83		346.14	0.002138	2.47	0.46	0.01	17.55	9.16	0.55
Roiesine	10.70	Max WS	APP_Tr30_D0.5_	41.10	343.50	345.68		346.02	0.002584	2.59	0.51	0.01	16.26	8.81	0.60
Roiesine	10.70	Max WS	APP_Tr30_D3	36.06	343.50	345.30		345.71	0.004226	2.85	0.52	0.01	12.88	8.81	0.74
Roiesine	10.633*	Max WS	APP_Tr30_D1	48.74	343.21	346.03		346.30	0.001369	2.34	0.61	0.03	21.79	9.02	0.46
Roiesine	10.633*	Max WS	APP_Tr30_D2	45.28	343.21	345.79		346.08	0.001632	2.40	0.62	0.03	19.67	8.79	0.50
Roiesine	10.633*	Max WS	APP_Tr30_D0.5_	43.34	343.21	345.66		345.95	0.001803	2.43	0.62	0.03	18.54	8.76	0.52
Roiesine	10.633*	Max WS	APP_Tr30_D3	36.97	343.21	345.27		345.59	0.002475	2.51	0.59	0.03	15.16	8.63	0.59
Roiesine	10.567*	Max WS	APP_Tr30_D1	48.81	342.92	346.05		346.28	0.000954	2.15	0.66	0.03	24.30	9.24	0.40
Roiesine	10.567*	Max WS	APP_Tr30_D2	45.31	342.92	345.81		346.05	0.001086	2.18	0.66	0.03	22.17	8.83	0.42
Roiesine	10.567*	Max WS	APP_Tr30_D0.5_	43.35	342.92	345.68		345.92	0.001167	2.19	0.66	0.03	21.04	8.72	0.43
Roiesine	10.567*	Max WS	APP_Tr30_D3	36.97	342.92	345.29		345.53	0.001449	2.19	0.66	0.03	17.72	8.38	0.46
Roiesine	10.5	Max WS	APP_Tr30_D1	48.81	342.63	346.06		346.26	0.000717	2.02	0.69	0.04	26.50	8.99	0.35
Roiesine	10.5	Max WS	APP_Tr30_D2	45.31	342.63	345.83		346.03	0.000789	2.02	0.70	0.04	24.41	8.67	0.36
Roiesine	10.5	Max WS	APP_Tr30_D0.5_	43.35	342.63	345.70		345.90	0.000830	2.02	0.70	0.04	23.32	8.59	0.37
Roiesine	10.5	Max WS	APP_Tr30_D3	36.97	342.63	345.32		345.51	0.000959	1.98	0.69	0.04	20.06	8.35	0.39
Roiesine	10	Max WS	APP_Tr30_D1	48.89	342.60	346.00	344.65	346.28	0.001094	2.32			21.10	11.55	0.42
Roiesine	10	Max WS	APP_Tr30_D2	45.38	342.60	345.75	344.56	346.03	0.001245	2.34			19.41	8.10	0.44
Roiesine	10	Max WS	APP_Tr30_D0.5_	43.41	342.60	345.63	344.52	345.91	0.001327	2.34			18.54	8.09	0.45
Roiesine	10	Max WS	APP_Tr30_D3	37.02	342.60	345.24	344.36	345.52	0.001605	2.33			15.92	8.05	0.49
Roiesine	9.5			Bridge											
Roiesine	9	Max WS	APP_Tr30_D1	48.89	342.88	345.26		345.73	0.002564	3.01			16.25	11.35	0.62
Roiesine	9	Max WS	APP_Tr30_D2	45.38	342.88	345.15		345.59	0.002600	2.93			15.48	11.35	0.62
Roiesine	9	Max WS	APP_Tr30_D0.5_	43.41	342.88	345.08		345.51	0.002626	2.89			15.03	11.35	0.62
Roiesine	9	Max WS	APP_Tr30_D3	37.02	342.88	344.87		345.25	0.002705	2.74			13.54	11.34	0.62
Roiesine	8.99			Lat Struct											
Roiesine	8.9	Max WS	APP_Tr30_D1	49.39	342.88	345.44	344.15	345.59	0.001254	1.72			28.74	11.36	0.35
Roiesine	8.9	Max WS	APP_Tr30_D2	45.83	342.88	345.32	344.09	345.46	0.001248	1.68			27.35	11.36	0.34
Roiesine	8.9	Max WS	APP_Tr30_D0.5_	43.82	342.88	345.25	344.05	345.39	0.001245	1.65			26.55	11.35	0.34
Roiesine	8.9	Max WS	APP_Tr30_D3	37.36	342.88	345.01	343.94	345.14	0.001236	1.56			23.89	11.35	0.34
Roiesine	8.5			Inl Struct											
Roiesine	8	Max WS	APP_Tr30_D1	49.37	341.20	343.07		343.55	0.006338	3.08	0.62		16.14	10.17	0.75
Roiesine	8	Max WS	APP_Tr30_D2	45.82	341.20	343.02		343.46	0.005953	2.94	0.50		15.67	10.16	0.72
Roiesine	8	Max WS	APP_Tr30_D0.5_	43.82	341.20	342.98		343.40	0.005906	2.89	0.39		15.24	10.16	0.72
Roiesine	8	Max WS	APP_Tr30_D3	37.36	341.20	342.83		343.21	0.005763	2.71			13.80	9.27	0.71
Roiesine	7.99			Lat Struct											
Roiesine	7.5000*	Max WS	APP_Tr30_D1	49.37	341.11	343.03		343.55	0.007024	3.21	0.11		15.37	10.12	0.83
Roiesine	7.5000*	Max WS	APP_Tr30_D2	45.82	341.11	342.98		343.46	0.006639	3.07	0.10		14.92	10.12	0.81
Roiesine	7.5000*	Max WS	APP_Tr30_D0.5_	43.82	341.11	342.94		343.41	0.006651	3.02	0.09		14.50	10.11	0.81
Roiesine	7.5000*	Max WS	APP_Tr30_D3	37.36	341.11	342.79		343.21	0.006837	2.87	0.05		13.01	10.10	0.81
Roiesine	7	Max WS	APP_Tr30_D1	49.37	341.02	343.00	342.58	343.31	0.003769	2.50	0.05		19.73	12.36	0.63
Roiesine	7	Max WS	APP_Tr30_D2	45.82	341.02	342.95	342.44	343.24	0.003545	2.38	0.05		19.22	12.36	0.61
Roiesine	7	Max WS	APP_Tr30_D0.5_	43.82	341.02	342.91	342.41	343.19	0.003552	2.34	0.04		18.70	12.36	0.61
Roiesine	7	Max WS	APP_Tr30_D3	37.36	341.02	342.76	342.28	343.01	0.003644	2.22	0.03		16.86	12.35	0.61
Roiesine	6.5			Bridge											
Roiesine	6	Max WS	APP_Tr30_D1	49.38	341.00	343.05		343.31	0.002179	2.24		1.03	22.39	12.80	0.53
Roiesine	6	Max WS	APP_Tr30_D2	45.82	341.00	343.01		343.24	0.002056	2.13		0.96	21.77	12.79	0.51
Roiesine	6	Max WS	APP_Tr30_D0.5_	43.82	341.00	342.96		343.18	0.002045	2.09		0.91	21.22	12.79	0.51
Roiesine	6	Max WS	APP_Tr30_D3	37.36	341.00	342.81		343.00	0.002035	1.96		0.74	19.26	12.77	0.50
Roiesine	5.7500*	Max WS	APP_Tr30_D1	49.38	340.95	342.99		343.32	0.003662	2.54		0.75	19.84	13.13	0.63
Roiesine	5.7500*	Max WS	APP_Tr30_D2	45.82	340.95	342.94		343.24	0.003467	2.43		0.67	19.21	13.12	0.61
Roiesine	5.7500*	Max WS	APP_Tr30_D0.5_	43.82	340.95	342.90		343.19	0.003462	2.39		0.61	18.64	13.11	0.61
Roiesine	5.7500*	Max WS	APP_Tr30_D3	37.36	340.95	342.75		343.01	0.003492	2.26		0.35	16.66	13.08	0.60
Roiesine	5.5000*	Max WS	APP_Tr30_D1	49.38	340.89	342.95		343.37	0.004947	2.84		0.20	17.46	13.40	0.72
Roiesine	5.5000*	Max WS	APP_Tr30_D2	45.82	340.89	342.88		343.27	0.004953	2.76			16.58	11.10	0.72
Roiesine	5.5000*	Max WS	APP_Tr30_D0.5_	43.81	340.89	342.84		343.22	0.004944	2.72			16.10	11.10	0.72
Roiesine	5.5000*	Max WS	APP_Tr30_D3	37.35	340.89	342.69		343.03	0.004991	2.58			14.45	11.07	0.72
Roiesine	5.2500*	Max WS	APP_Tr30_D1	49.38	340.84	342.91		343.41	0.006332	3.13	0.27		15.80	10.88	0.82
Roiesine	5.2500*	Max WS	APP_Tr30_D2	45.82	340.84	342.84		343.31	0.006358	3.05	0.09		15.01	10.62	0.82
Roiesine	5.2500*	Max WS	APP_Tr30_D0.5_	43.82	340.84	342.80		343.26	0.006291	3.01			14.56	10.41	0.81
Roiesine	5.2500*	Max WS	APP_Tr30_D3	37.36	340.84	342.65		343.07	0.006292	2.87			13.03	10.15	0.81
Roiesine	5	Max WS	APP_Tr30_D1	49.43	340.78	342.86		343.43	0.006824	3.34	0.97		15.01	10.59	0.86
Roiesine	5	Max WS	APP_Tr30_D2	45.88	340.78	342.79		343.33	0.006821	3.26	0.89		14.24	10.34	0.85
Roiesine	5	Max WS	APP_Tr30_D0.5_	43.87	340.78	342.75		343.27	0.006814	3.22	0.84		13.80	10.20	0.85
Roiesine	5	Max WS	APP_Tr30_D3	37.41	340.78	342.60		343.07	0.006863	3.06	0.66		12.32	9.71	0.84

HEC-RAS River: Roiesine Reach: Roiesine Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Roiesine	4.8571*	Max WS	APP_Tr30_D1	49.43	340.65	342.80		343.40	0.007083	3.45	1.09		14.66	10.46	0.88
Roiesine	4.8571*	Max WS	APP_Tr30_D2	45.88	340.65	342.73		343.30	0.007068	3.36	1.01		13.90	10.20	0.87
Roiesine	4.8571*	Max WS	APP_Tr30_D0.5_	43.87	340.65	342.68		343.24	0.007059	3.31	0.96		13.47	10.05	0.87
Roiesine	4.8571*	Max WS	APP_Tr30_D3	37.41	340.65	342.54		343.04	0.007083	3.15	0.79		12.01	9.53	0.86
Roiesine	4.7143*	Max WS	APP_Tr30_D1	49.43	340.51	342.74	342.67	343.37	0.007391	3.56	1.22		14.33	10.37	0.90
Roiesine	4.7143*	Max WS	APP_Tr30_D2	45.88	340.51	342.66	342.59	343.27	0.007372	3.47	1.14		13.57	10.10	0.90
Roiesine	4.7143*	Max WS	APP_Tr30_D0.5_	43.87	340.51	342.62	342.54	343.21	0.007354	3.42	1.09		13.15	9.94	0.89
Roiesine	4.7143*	Max WS	APP_Tr30_D3	37.41	340.51	342.47		343.01	0.007350	3.25	0.91		11.71	9.39	0.88
Roiesine	4.5714*	Max WS	APP_Tr30_D1	49.43	340.38	342.67	342.64	343.35	0.007659	3.67	1.34	0.21	14.03	10.56	0.92
Roiesine	4.5714*	Max WS	APP_Tr30_D2	45.88	340.38	342.60	342.56	343.24	0.007727	3.58	1.26		13.27	10.04	0.92
Roiesine	4.5714*	Max WS	APP_Tr30_D0.5_	43.87	340.38	342.56	342.51	343.18	0.007699	3.53	1.21		12.85	9.87	0.92
Roiesine	4.5714*	Max WS	APP_Tr30_D3	37.41	340.38	342.41	342.34	342.98	0.007680	3.36	1.04		11.42	9.29	0.91
Roiesine	4.4286*	Max WS	APP_Tr30_D1	49.43	340.24	342.61	342.61	343.31	0.007688	3.79	1.47	0.61	13.88	11.13	0.93
Roiesine	4.4286*	Max WS	APP_Tr30_D2	45.87	340.24	342.53	342.53	343.21	0.007791	3.70	1.38	0.49	13.07	10.62	0.93
Roiesine	4.4286*	Max WS	APP_Tr30_D0.5_	43.87	340.24	342.49	342.49	343.15	0.007842	3.65	1.33	0.40	12.63	10.32	0.93
Roiesine	4.4286*	Max WS	APP_Tr30_D3	37.41	340.24	342.34	342.31	342.94	0.008076	3.47	1.17		11.16	9.24	0.93
Roiesine	4.2857*	Max WS	APP_Tr30_D1	49.42	340.11	342.54	342.59	343.28	0.007718	3.91	1.61	0.94	13.86	11.34	0.94
Roiesine	4.2857*	Max WS	APP_Tr30_D2	45.87	340.11	342.46	342.51	343.18	0.007824	3.82	1.52	0.81	13.02	10.98	0.94
Roiesine	4.2857*	Max WS	APP_Tr30_D0.5_	43.87	340.11	342.42	342.45	343.12	0.007873	3.77	1.47	0.75	12.55	10.71	0.94
Roiesine	4.2857*	Max WS	APP_Tr30_D3	37.41	340.11	342.27	342.28	342.91	0.008135	3.59	1.28	0.50	11.00	9.76	0.94
Roiesine	4.1429*	Max WS	APP_Tr30_D1	49.43	339.98	342.47	342.54	343.23	0.007774	4.02	1.75	1.24	13.91	11.29	0.94
Roiesine	4.1429*	Max WS	APP_Tr30_D2	45.87	339.98	342.39	342.47	343.13	0.007876	3.94	1.67	1.12	13.06	11.00	0.94
Roiesine	4.1429*	Max WS	APP_Tr30_D0.5_	43.87	339.98	342.35	342.42	343.07	0.007928	3.88	1.62	1.05	12.58	10.83	0.94
Roiesine	4.1429*	Max WS	APP_Tr30_D3	37.41	339.98	342.20	342.25	342.87	0.008181	3.71	1.43	0.82	10.98	10.05	0.94
Roiesine	4	Max WS	APP_Tr30_D1	49.43	339.84	342.40	342.49	343.18	0.007880	4.12	1.89	1.50	14.01	11.19	0.94
Roiesine	4	Max WS	APP_Tr30_D2	45.87	339.84	342.32	342.41	343.08	0.007968	4.04	1.81	1.40	13.16	10.91	0.93
Roiesine	4	Max WS	APP_Tr30_D0.5_	43.86	339.84	342.28	342.37	343.02	0.008015	3.99	1.77	1.34	12.68	10.75	0.93
Roiesine	4	Max WS	APP_Tr30_D3	37.41	339.84	342.12	342.20	342.82	0.008265	3.82	1.59	1.10	11.05	10.19	0.93
Roiesine	3.9286*	Max WS	APP_Tr30_D1	49.43	339.73	342.33	342.39	343.08	0.007277	4.02	1.78	1.50	14.36	11.30	0.90
Roiesine	3.9286*	Max WS	APP_Tr30_D2	45.87	339.73	342.26	342.31	342.97	0.007345	3.93	1.71	1.41	13.50	11.01	0.90
Roiesine	3.9286*	Max WS	APP_Tr30_D0.5_	43.86	339.73	342.21	342.26	342.92	0.007381	3.88	1.66	1.36	13.01	10.85	0.90
Roiesine	3.9286*	Max WS	APP_Tr30_D3	37.41	339.73	342.05	342.10	342.71	0.007591	3.72	1.48	1.15	11.35	10.26	0.90
Roiesine	3.8571*	Max WS	APP_Tr30_D1	49.42	339.62	342.27	342.29	342.97	0.006703	3.91	1.68	1.51	14.78	11.44	0.87
Roiesine	3.8571*	Max WS	APP_Tr30_D2	45.87	339.62	342.19	342.20	342.87	0.006752	3.82	1.61	1.42	13.90	11.15	0.87
Roiesine	3.8571*	Max WS	APP_Tr30_D0.5_	43.86	339.62	342.15	342.16	342.81	0.006780	3.77	1.56	1.37	13.40	10.98	0.87
Roiesine	3.8571*	Max WS	APP_Tr30_D3	37.41	339.62	341.99	341.99	342.61	0.006945	3.60	1.39	1.18	11.70	10.37	0.87
Roiesine	3.7857*	Max WS	APP_Tr30_D1	49.42	339.51	342.21	342.18	342.87	0.006153	3.79	1.59	1.51	15.26	11.61	0.84
Roiesine	3.7857*	Max WS	APP_Tr30_D2	45.87	339.51	342.13	342.10	342.77	0.006184	3.70	1.52	1.43	14.36	11.32	0.83
Roiesine	3.7857*	Max WS	APP_Tr30_D0.5_	43.86	339.51	342.09	342.05	342.71	0.006208	3.65	1.47	1.38	13.84	11.14	0.83
Roiesine	3.7857*	Max WS	APP_Tr30_D3	37.41	339.51	341.93	341.89	342.51	0.006336	3.48	1.30	1.21	12.11	10.52	0.83
Roiesine	3.7143*	Max WS	APP_Tr30_D1	49.42	339.40	342.16	342.09	342.78	0.005644	3.66	1.51	1.51	15.78	11.80	0.80
Roiesine	3.7143*	Max WS	APP_Tr30_D2	45.87	339.40	342.08	342.00	342.67	0.005658	3.58	1.43	1.44	14.88	11.50	0.80
Roiesine	3.7143*	Max WS	APP_Tr30_D0.5_	43.86	339.40	342.04	341.94	342.62	0.005671	3.53	1.39	1.40	14.35	11.33	0.80
Roiesine	3.7143*	Max WS	APP_Tr30_D3	37.41	339.40	341.87	341.79	342.41	0.005764	3.36	1.23	1.23	12.58	10.71	0.79
Roiesine	3.6429*	Max WS	APP_Tr30_D1	49.42	339.30	342.11		342.68	0.005164	3.53	1.43	1.51	16.38	12.03	0.77
Roiesine	3.6429*	Max WS	APP_Tr30_D2	45.87	339.30	342.03		342.58	0.005164	3.45	1.36	1.44	15.45	11.72	0.76
Roiesine	3.6429*	Max WS	APP_Tr30_D0.5_	43.86	339.30	341.99		342.52	0.005163	3.40	1.32	1.40	14.92	11.54	0.76
Roiesine	3.6429*	Max WS	APP_Tr30_D3	37.41	339.30	341.82		342.32	0.005230	3.24	1.16	1.25	13.10	10.91	0.76
Roiesine	3.5714*	Max WS	APP_Tr30_D1	49.42	339.19	342.07		342.60	0.004745	3.42	1.36	1.45	17.04	12.57	0.74
Roiesine	3.5714*	Max WS	APP_Tr30_D2	45.87	339.19	341.99		342.50	0.004703	3.32	1.29	1.45	16.09	11.97	0.73
Roiesine	3.5714*	Max WS	APP_Tr30_D0.5_	43.86	339.19	341.94		342.44	0.004695	3.27	1.25	1.41	15.54	11.79	0.73
Roiesine	3.5714*	Max WS	APP_Tr30_D3	37.41	339.19	341.78		342.24	0.004732	3.11	1.10	1.26	13.68	11.15	0.72
Roiesine	3.5000	Max WS	APP_Tr30_D1	49.42	339.08	342.02		342.52	0.004343	3.29	1.30	1.41	17.80	13.16	0.70
Roiesine	3.5000	Max WS	APP_Tr30_D2	45.87	339.08	341.95		342.42	0.004306	3.20	1.23	1.38	16.81	12.61	0.70
Roiesine	3.5000	Max WS	APP_Tr30_D0.5_	43.86	339.08	341.90		342.36	0.004284	3.15	1.19	1.36	16.24	12.29	0.69
Roiesine	3.5000	Max WS	APP_Tr30_D3	37.41	339.08	341.74		342.16	0.004263	2.98	1.04	1.27	14.34	11.41	0.68
Roiesine	3.4833*	Max WS	APP_Tr30_D1	49.42	339.04	341.99		342.51	0.004566	3.35	1.30	1.43	17.44	12.95	0.72
Roiesine	3.4833*	Max WS	APP_Tr30_D2	45.87	339.04	341.92		342.40	0.004530	3.25	1.23	1.40	16.46	12.40	0.71
Roiesine	3.4833*	Max WS	APP_Tr30_D0.5_	43.86	339.04	341.87		342.34	0.004524	3.20	1.19	1.39	15.88	12.07	0.71
Roiesine	3.4833*	Max WS	APP_Tr30_D3	37.41	339.04	341.71		342.14	0.004509	3.03	1.04	1.28	14.03	11.29	0.70
Roiesine	3.4667*	Max WS	APP_Tr30_D1	49.42	338.99	341.96		342.49	0.004821	3.40	1.31	1.46	17.06	12.73	0.74
Roiesine	3.4667*	Max WS	APP_Tr30_D2	45.87	338.99	341.89		342.39	0.004784	3.31	1.24	1.43	16.11	12.19	0.73
Roiesine	3.4667*	Max WS	APP_Tr30_D0.5_	43.86	338.99	341.84		342.33	0.004786	3.26	1.20	1.43	15.53	11.85	0.73
Roiesine	3.4667*	Max WS	APP_Tr30_D3	37.41	338.99	341.68		342.13	0.004792	3.09	1.04	1.29	13.70	11.17	0.72
Roiesine	3.45	Max WS	APP_Tr30_D1	49.42	338.95	341.93	341.82	342.52	0.005275	3.72	1.76	1.52	16.66	12.49	0.76
Roiesine	3.45	Max WS	APP_Tr30_D2	45.87	338.95	341.85	341.75	342.42	0.005218	3.62	1.68	1.49	15.73	11.95	0.76
Roiesine	3.45	Max WS	APP_Tr30_D0.5_	43.86	338.95	341.80	341.70	342.36	0.005216	3.57	1.64	1.47	15.16	11.67	0.75
Roiesine	3.45	Max WS	APP_Tr30_D3	37.41	338.95	341.65	341.53	342.16	0.005188	3.39	1.50	1.31	13.36	11.03	0.74
Roiesine	3.40			Bridge											
Roiesine	3.3333	Max WS	APP_Tr30_D1	49.42	338.82	341.55	341.55	342.23	0.007359	3.83	1.24	1.73	14.71	11.83	0.88
Roiesine	3.3333	Max WS	APP_Tr30_D2	45.87	338.82	341.46	341.46	342.13	0.007596	3.78	1.14	1.70	13.70	11.32	0.89
Roiesine	3.3333	Max WS	APP_Tr30_D0.5_	43.86	338.82	341.30	341.42	342.09	0.009858	4.05	1.08	1.72	11.97	10.51	1.00
Roiesine	3.3333	Max WS	APP_Tr30_D3	37.41	338.82	341.26	341.26	341.87	0.007824	3.55	0.92	1.49	11.58	10.32	0.89
Roiesine	3.2778*	Max WS	APP_Tr30_D1	49.42	338.74	341.34	341.48	342.17	0.009946	4.20	1.19	1.91	13.19	11.12	1.01
Roiesine	3.2778*	Max WS	APP_Tr30_D2	45.87	338.74	341.27	341.39	342.07	0.009917	4.08	1.10	1.83	12.47	10.77	1.00
Roiesine	3.2778*	Max WS	APP_Tr30_D0.5_	43.86	338.74	341.23	341.34	342.01	0.009901	4.02	1.04	1.77	12.06	10.58	1.00
Roiesine	3.2778*	Max WS	APP_Tr30_D3	37.41	338.74	341.10	341.19	341.80	0.009914	3.80	0.84	1.57	10.69	9.93	0.98
Roiesine	3.2222*	Max WS	APP_Tr30_D1	49.42	338.65	341.27	341.40	342.09	0.010022	4.17	1.15	1.94	13.30	11.25	1.01
Roiesine	3.2222*	Max WS	APP_Tr30_D2	45.87	338.65	341.21	341.32	341.99	0.009993	4.06	1.06	1.87	12.57	10.87	1.00
Roiesine	3.2222*	Max WS	APP_Tr30_D0.5_	43.86	338.65	341.17	341.27	341.93	0.009979	3.99	1.00	1.82	12.16	10.66	0.99
Roiesine	3.2222*	Max WS	APP_Tr30_D3	37.41	338.65	341.03	341.12	341.72	0.010025	3.78	0.79	1.62	10.78	10.02	0.98
Roiesine	3.1667	Max WS	APP_Tr30_D1	49.42	338.57	341.20	341.33	342.01	0.010117	4.14	1.11	1.98	13.40	11.36	1.00
Roiesine	3.1667	Max WS	APP_Tr30_D2	45.87	338.57	341.14	341.25	341.91	0.010117	4.03	1.02	1.91	12.66	11.00	1.00
Roiesine	3.1667	Max WS	APP_Tr30_D0.5_	43.86	338.57	341.10	341.20	341.85	0.010112	3.97	0.96	1.86	12.24	10.79	0.99
Roiesine	3.1667	Max WS	APP_Tr30_D3	37.41	338.57	340.97	341.05	341.65	0.010189	3.76	0.75	1.68	10.85	10.12	0.98
Roiesine	3.15			Lat Struct											

HEC-RAS River: Roiesine Reach: Roiesine Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Roiesine	3.1111*	Max WS	APP_Tr30_D1	49.42	338.48	341.13	341.25	341.93	0.010328	4.12	1.08	2.04	13.45	11.44	1.01
Roiesine	3.1111*	Max WS	APP_Tr30_D2	45.87	338.48	341.07	341.18	341.83	0.010374	4.02	0.98	1.96	12.70	11.09	1.00
Roiesine	3.1111*	Max WS	APP_Tr30_D0.5_	43.86	338.48	341.03	341.13	341.77	0.010379	3.96	0.92	1.92	12.28	10.89	1.00
Roiesine	3.1111*	Max WS	APP_Tr30_D3	37.41	338.48	340.89	340.97	341.57	0.010520	3.76	0.70	1.75	10.87	10.21	0.99
Roiesine	3.0556*	Max WS	APP_Tr30_D1	49.42	338.40	341.06	341.18	341.85	0.010610	4.11	1.03	2.11	13.48	11.49	1.01
Roiesine	3.0556*	Max WS	APP_Tr30_D2	45.87	338.40	340.99	341.10	341.75	0.010701	4.01	0.93	2.03	12.72	11.16	1.01
Roiesine	3.0556*	Max WS	APP_Tr30_D0.5_	43.86	338.40	340.95	341.06	341.69	0.010741	3.96	0.87	1.99	12.29	10.97	1.01
Roiesine	3.0556*	Max WS	APP_Tr30_D3	37.41	338.40	340.82	340.91	341.50	0.010979	3.77	0.64	1.82	10.86	10.30	1.00
Roiesine	3	Max WS	APP_Tr30_D1	49.41	338.31	340.99	341.07	341.76	0.010981	4.10	0.99	2.19	13.48	11.52	1.02
Roiesine	3	Max WS	APP_Tr30_D2	45.87	338.31	340.92	341.03	341.67	0.011133	4.02	0.89	2.11	12.70	11.21	1.02
Roiesine	3	Max WS	APP_Tr30_D0.5_	43.86	338.31	340.88	340.98	341.61	0.011220	3.96	0.82	2.07	12.26	11.02	1.02
Roiesine	3	Max WS	APP_Tr30_D3	37.41	338.31	340.74	340.84	341.42	0.011600	3.79	0.57	1.90	10.80	10.38	1.02
Roiesine	2.9167*	Max WS	APP_Tr30_D1	49.41	338.24	340.89	341.01	341.68	0.010665	4.13	1.06	2.15	13.42	11.38	1.02
Roiesine	2.9167*	Max WS	APP_Tr30_D2	45.87	338.24	340.82	340.93	341.58	0.010815	4.04	0.96	2.07	12.64	11.05	1.02
Roiesine	2.9167*	Max WS	APP_Tr30_D0.5_	43.86	338.24	340.77	340.89	341.52	0.010908	3.99	0.89	2.03	12.19	10.85	1.02
Roiesine	2.9167*	Max WS	APP_Tr30_D3	37.41	338.24	340.64	340.73	341.33	0.011255	3.81	0.66	1.85	10.73	10.19	1.02
Roiesine	2.8333*	Max WS	APP_Tr30_D1	49.41	338.17	340.79	340.91	341.59	0.010328	4.15	1.12	2.11	13.39	11.28	1.01
Roiesine	2.8333*	Max WS	APP_Tr30_D2	45.87	338.17	340.72	340.84	341.49	0.010483	4.07	1.02	2.03	12.60	10.93	1.01
Roiesine	2.8333*	Max WS	APP_Tr30_D0.5_	43.86	338.17	340.67	340.79	341.43	0.010575	4.02	0.96	1.99	12.15	10.73	1.01
Roiesine	2.8333*	Max WS	APP_Tr30_D3	37.41	338.17	340.53	340.64	341.24	0.010899	3.84	0.74	1.81	10.68	10.04	1.01
Roiesine	2.7500*	Max WS	APP_Tr30_D1	49.41	338.10	340.69	340.82	341.50	0.009972	4.17	1.19	2.07	13.40	11.22	1.00
Roiesine	2.7500*	Max WS	APP_Tr30_D2	45.87	338.10	340.62	340.74	341.40	0.010137	4.09	1.09	2.00	12.59	10.85	1.00
Roiesine	2.7500*	Max WS	APP_Tr30_D0.5_	43.86	338.10	340.58	340.70	341.34	0.010212	4.03	1.03	1.95	12.14	10.64	1.00
Roiesine	2.7500*	Max WS	APP_Tr30_D3	37.41	338.10	340.43	340.53	341.14	0.010516	3.85	0.82	1.78	10.66	9.93	1.00
Roiesine	2.6667*	Max WS	APP_Tr30_D1	49.41	338.02	340.60	340.74	341.42	0.009605	4.18	1.25	2.04	13.44	11.21	0.99
Roiesine	2.6667*	Max WS	APP_Tr30_D2	45.87	338.02	340.53	340.65	341.32	0.009774	4.10	1.15	1.96	12.61	10.82	0.99
Roiesine	2.6667*	Max WS	APP_Tr30_D0.5_	43.86	338.02	340.49	340.60	341.26	0.009836	4.04	1.10	1.92	12.16	10.61	0.99
Roiesine	2.6667*	Max WS	APP_Tr30_D3	37.41	338.02	340.34	340.44	341.05	0.010113	3.86	0.89	1.74	10.66	9.86	0.99
Roiesine	2.5833*	Max WS	APP_Tr30_D1	49.41	337.95	340.52	340.64	341.33	0.009219	4.18	1.30	2.00	13.53	11.25	0.98
Roiesine	2.5833*	Max WS	APP_Tr30_D2	45.86	337.95	340.44	340.56	341.23	0.009379	4.10	1.22	1.93	12.68	10.84	0.98
Roiesine	2.5833*	Max WS	APP_Tr30_D0.5_	43.86	337.95	340.40	340.51	341.17	0.009441	4.05	1.16	1.88	12.22	10.62	0.98
Roiesine	2.5833*	Max WS	APP_Tr30_D3	37.41	337.95	340.25	340.35	340.96	0.009698	3.87	0.97	1.72	10.70	9.84	0.98
Roiesine	2.5000*	Max WS	APP_Tr30_D1	49.41	337.87	340.43	340.55	341.24	0.008827	4.18	1.38	1.97	13.66	11.27	0.96
Roiesine	2.5000*	Max WS	APP_Tr30_D2	45.86	337.87	340.35	340.47	341.14	0.008993	4.10	1.28	1.90	12.79	10.91	0.97
Roiesine	2.5000*	Max WS	APP_Tr30_D0.5_	43.85	337.87	340.31	340.42	341.08	0.009050	4.05	1.22	1.86	12.32	10.68	0.97
Roiesine	2.5000*	Max WS	APP_Tr30_D3	37.41	337.87	340.16	340.25	340.87	0.009272	3.86	1.04	1.69	10.77	9.87	0.96
Roiesine	2.4167*	Max WS	APP_Tr30_D1	49.40	337.80	340.35	340.45	341.15	0.008419	4.16	1.46	1.94	13.83	11.29	0.95
Roiesine	2.4167*	Max WS	APP_Tr30_D2	45.86	337.80	340.27	340.38	341.05	0.008585	4.09	1.36	1.87	12.94	10.95	0.95
Roiesine	2.4167*	Max WS	APP_Tr30_D0.5_	43.85	337.80	340.23	340.33	340.99	0.008657	4.04	1.29	1.83	12.45	10.76	0.95
Roiesine	2.4167*	Max WS	APP_Tr30_D3	37.41	337.80	340.08	340.16	340.79	0.008847	3.86	1.10	1.67	10.88	9.95	0.95
Roiesine	2.3333*	Max WS	APP_Tr30_D1	49.40	337.73	340.28	340.37	341.06	0.008015	4.14	1.54	1.91	14.04	11.34	0.93
Roiesine	2.3333*	Max WS	APP_Tr30_D2	45.86	337.73	340.20	340.29	340.96	0.008178	4.07	1.44	1.85	13.14	11.00	0.94
Roiesine	2.3333*	Max WS	APP_Tr30_D0.5_	43.85	337.73	340.15	340.23	340.90	0.008256	4.03	1.38	1.81	12.63	10.80	0.94
Roiesine	2.3333*	Max WS	APP_Tr30_D3	37.41	337.73	340.00	340.08	340.70	0.008420	3.84	1.17	1.65	11.04	10.09	0.93
Roiesine	2.2500*	Max WS	APP_Tr30_D1	49.39	337.65	340.21	340.28	340.97	0.007614	4.11	1.61	1.88	14.30	11.39	0.91
Roiesine	2.2500*	Max WS	APP_Tr30_D2	45.86	337.65	340.12	340.20	340.87	0.007780	4.05	1.52	1.82	13.36	11.05	0.92
Roiesine	2.2500*	Max WS	APP_Tr30_D0.5_	43.85	337.65	340.08	340.15	340.81	0.007853	4.00	1.46	1.78	12.85	10.86	0.92
Roiesine	2.2500*	Max WS	APP_Tr30_D3	37.41	337.65	339.92	339.99	340.61	0.008007	3.82	1.24	1.64	11.23	10.23	0.92
Roiesine	2.1667*	Max WS	APP_Tr30_D1	49.40	337.58	340.14	340.19	340.88	0.007228	4.08	1.68	1.86	14.60	11.47	0.90
Roiesine	2.1667*	Max WS	APP_Tr30_D2	45.86	337.58	340.05	340.11	340.78	0.007397	4.01	1.59	1.80	13.64	11.13	0.90
Roiesine	2.1667*	Max WS	APP_Tr30_D0.5_	43.85	337.58	340.00	340.07	340.72	0.007461	3.97	1.54	1.76	13.11	10.93	0.90
Roiesine	2.1667*	Max WS	APP_Tr30_D3	37.41	337.58	339.85	339.91	340.52	0.007603	3.79	1.34	1.62	11.46	10.30	0.90
Roiesine	2.0833*	Max WS	APP_Tr30_D1	49.39	337.51	340.07	340.11	340.78	0.006866	4.03	1.74	1.84	14.93	11.56	0.88
Roiesine	2.0833*	Max WS	APP_Tr30_D2	45.86	337.51	339.99	340.03	340.69	0.007027	3.97	1.66	1.78	13.95	11.21	0.88
Roiesine	2.0833*	Max WS	APP_Tr30_D0.5_	43.85	337.51	339.94	339.98	340.63	0.007083	3.93	1.62	1.74	13.42	11.02	0.88
Roiesine	2.0833*	Max WS	APP_Tr30_D3	37.41	337.51	339.78	339.82	340.43	0.007217	3.76	1.43	1.61	11.74	10.39	0.88
Roiesine	2	Max WS	APP_Tr30_D1	49.39	337.43	340.01	340.01	340.69	0.006522	3.98	1.80	1.81	15.31	11.67	0.85
Roiesine	2	Max WS	APP_Tr30_D2	45.85	337.43	339.92	339.94	340.59	0.006685	3.92	1.73	1.76	14.30	11.32	0.86
Roiesine	2	Max WS	APP_Tr30_D0.5_	43.85	337.43	339.87	339.89	340.54	0.006730	3.88	1.69	1.73	13.76	11.13	0.86
Roiesine	2	Max WS	APP_Tr30_D3	37.41	337.43	339.71	339.72	340.34	0.006857	3.71	1.51	1.60	12.04	10.50	0.85
Roiesine	1.8611*	Max WS	APP_Tr30_D1	49.39	337.39	339.95	339.95	340.63	0.006306	3.92	1.69	1.71	15.28	11.67	0.85
Roiesine	1.8611*	Max WS	APP_Tr30_D2	45.85	337.39	339.86	339.87	340.53	0.006487	3.86	1.62	1.66	14.24	11.31	0.85
Roiesine	1.8611*	Max WS	APP_Tr30_D0.5_	43.85	337.39	339.81	339.82	340.47	0.006534	3.82	1.57	1.62	13.71	11.11	0.85
Roiesine	1.8611*	Max WS	APP_Tr30_D3	37.41	337.39	339.65	339.66	340.27	0.006678	3.65	1.39	1.49	11.97	10.47	0.85
Roiesine	1.7222*	Max WS	APP_Tr30_D1	49.39	337.35	339.89	339.87	340.56	0.006104	3.85	1.58	1.61	15.27	11.66	0.84
Roiesine	1.7222*	Max WS	APP_Tr30_D2	45.85	337.35	339.80	339.79	340.46	0.006297	3.80	1.50	1.55	14.22	11.29	0.85
Roiesine	1.7222*	Max WS	APP_Tr30_D0.5_	43.85	337.35	339.75	339.75	340.40	0.006346	3.75	1.45	1.52	13.68	11.09	0.85
Roiesine	1.7222*	Max WS	APP_Tr30_D3	37.41	337.35	339.59	339.58	340.20	0.006509	3.59	1.27	1.38	11.93	10.43	0.85
Roiesine	1.5833*	Max WS	APP_Tr30_D1	49.39	337.30	339.84	339.80	340.50	0.005912	3.78	1.47	1.51	15.28	11.65	0.83
Roiesine	1.5833*	Max WS	APP_Tr30_D2	45.85	337.30	339.74	339.72	340.39	0.006115	3.73	1.40	1.45	14.21	11.27	0.84
Roiesine	1.5833*	Max WS	APP_Tr30_D0.5_	43.85	337.30	339.70	339.67	340.33	0.006167	3.68	1.34	1.41	13.67	11.07	0.84
Roiesine	1.5833*	Max WS	APP_Tr30_D3	37.41	337.30	339.53	339.48	340.13	0.006349	3.52	1.15	1.28	11.91	10.39	0.84
Roiesine	1.4444*	Max WS	APP_Tr30_D1	49.39	337.26	339.78	339.72	340.43	0.005724	3.70	1.37	1.41	15.32	11.64	0.82
Roiesine	1.4444*	Max WS	APP_Tr30_D2	45.85	337.26	339.69	339.64	340.32	0.005941	3.65	1.29	1.35	14.23	11.24	0.83
Roiesine	1.4444*	Max WS	APP_Tr30_D0.5_	43.85	337.26	339.64	339.59	340.26	0.005995	3.61	1.24	1.32	13.69	11.03	0.83
Roiesine	1.4444*	Max WS	APP_Tr30_D3	37.41	337.26	339.47	339.39	340.05	0.006185	3.45	1.07	1.17	11.92	10.18	0.83
Roiesine	1.3055*	Max WS	APP_Tr30_D1	49.38	337.22	339.73	339.65	340.36	0.005544	3.62	1.28	1.32	15.38	11.62	0.81
Roiesine	1.3055*	Max WS	APP_Tr30_D2	45.85	337.22	339.63	339.54	340.25	0.005772	3.58	1.19	1.26	14.28	11.21	0.82
Roiesine	1.3055*	Max WS	APP_Tr30_D0.5_	43.84	337.22	339.58	339.49	340.19	0.005825	3.53	1.15	1.22	13.74	10.97	0.82
Roiesine	1.3055*	Max WS	APP_Tr30_D3	37.41	337.22	339.42	339.31	339.98	0.006022	3.37	1.01	1.07	11.97	10.00	0.82
Roiesine	1.1667*	Max WS	APP_Tr30_D1	49.38	337.17	339.68	339.54	340.29	0.005368	3.54	1.19	1.22	15.47	11.60	0.80
Roiesine	1.1667*	Max WS	APP_Tr30_D2	45.85	337.17	339.58	339.46	340.18	0.005601	3.50	1.12	1.16	14.36	11.09	0.81
Roiesine	1.1667*	Max WS	APP_Tr30_D0.5_	43.84	337.17	339.53	339.41	340.12	0.005651	3.45	1.08	1.12	13.82	10.81	0.81
Roiesine	1.1667*	Max WS	APP_Tr30_D3	5.03	337.17	339.38		339.39	0.000102	0.44	0.13	0.13	12.25	9.95	0.11
Roiesine	1.0278*	Max WS	APP_Tr30_D1	49.38	337.13	339.63		340.22	0.005190	3.46	1.12	1.14	15.60	11.51	0.79
Roiesine	1.0278*	Max WS	APP_Tr30_D2	45.85	337.13	339.53		340.11	0.005429	3.42	1.06	1.07	14.47	10.95	0.80
Roiesine	1.0278*	Max WS	APP_Tr30_D0.5_	43.85	337.13	339.48		340.04	0.005486	3.38	1.03	1.03	13.93	10.68	0.80
Roiesine	1.0278*	Max WS	APP_Tr30_D3	5.03	337.13	339.38		339.39	0.000089	0.41	0.12	0.12	12.89	10.14	0.10

HEC-RAS River: Roiesine Reach: Roiesine Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Roiesine	0.8889*	Max WS	APP_Tr30_D1	49.38	337.09	339.58		340.15	0.005015	3.38	1.06	1.05	15.75	11.40	0.78
Roiesine	0.8889*	Max WS	APP_Tr30_D2	45.85	337.09	339.48		340.04	0.005266	3.34	1.01	0.99	14.62	10.85	0.79
Roiesine	0.8889*	Max WS	APP_Tr30_D0.5_	43.85	337.09	339.43		339.97	0.005333	3.30	0.98	0.94	14.08	10.58	0.79
Roiesine	0.8889*	Max WS	APP_Tr30_D3	5.03	337.09	339.38		339.39	0.000078	0.39	0.11	0.11	13.56	10.33	0.10
Roiesine	0.7500*	Max WS	APP_Tr30_D1	49.38	337.05	339.54		340.08	0.004845	3.30	1.02	0.97	15.94	11.32	0.77
Roiesine	0.7500*	Max WS	APP_Tr30_D2	45.85	337.05	339.43		339.97	0.005112	3.27	0.97	0.90	14.80	10.78	0.78
Roiesine	0.7500*	Max WS	APP_Tr30_D0.5_	43.84	337.05	339.38		339.90	0.005182	3.23	0.93	0.86	14.25	10.54	0.78
Roiesine	0.7500*	Max WS	APP_Tr30_D3	5.03	337.05	339.38		339.39	0.000068	0.37	0.11	0.10	14.24	10.53	0.09
Roiesine	0.6111*	Max WS	APP_Tr30_D1	49.38	337.00	339.49		340.01	0.004679	3.22	0.97	0.89	16.17	11.26	0.75
Roiesine	0.6111*	Max WS	APP_Tr30_D2	45.85	337.00	339.39		339.90	0.004965	3.19	0.92	0.82	15.00	10.77	0.77
Roiesine	0.6111*	Max WS	APP_Tr30_D0.5_	5.02	337.00	339.38		339.39	0.000060	0.35	0.10	0.09	14.94	10.74	0.08
Roiesine	0.6111*	Max WS	APP_Tr30_D3	5.03	337.00	339.38		339.39	0.000060	0.35	0.10	0.09	14.94	10.74	0.08
Roiesine	0.4722*	Max WS	APP_Tr30_D1	49.38	336.96	339.45		339.95	0.004520	3.15	0.93	0.82	16.42	11.27	0.74
Roiesine	0.4722*	Max WS	APP_Tr30_D2	5.04	336.96	339.38		339.39	0.000054	0.33	0.10	0.08	15.65	10.95	0.08
Roiesine	0.4722*	Max WS	APP_Tr30_D0.5_	5.02	336.96	339.38		339.39	0.000053	0.33	0.10	0.08	15.65	10.95	0.08
Roiesine	0.4722*	Max WS	APP_Tr30_D3	5.02	336.96	339.38		339.39	0.000054	0.33	0.10	0.08	15.65	10.95	0.08
Roiesine	0.3333	Max WS	APP_Tr30_D1	49.38	336.92	339.41		339.88	0.004367	3.07	0.89	0.75	16.70	11.30	0.73
Roiesine	0.3333	Max WS	APP_Tr30_D2	5.04	336.92	339.38		339.39	0.000048	0.32	0.09	0.08	16.38	11.17	0.08
Roiesine	0.3333	Max WS	APP_Tr30_D0.5_	5.02	336.92	339.38		339.38	0.000048	0.32	0.09	0.08	16.38	11.17	0.08
Roiesine	0.3333	Max WS	APP_Tr30_D3	5.02	336.92	339.38		339.39	0.000048	0.32	0.09	0.08	16.38	11.17	0.08
Roiesine	0.31665*	Max WS	APP_Tr30_D1	49.38	336.90	339.38		339.91	0.004940	3.22	0.75	0.85	15.91	11.15	0.76
Roiesine	0.31665*	Max WS	APP_Tr30_D2	5.04	336.90	339.38		339.38	0.000052	0.33	0.08	0.09	15.84	11.11	0.08
Roiesine	0.31665*	Max WS	APP_Tr30_D0.5_	5.02	336.90	339.38		339.38	0.000052	0.33	0.08	0.09	15.84	11.11	0.08
Roiesine	0.31665*	Max WS	APP_Tr30_D3	5.02	336.90	339.38		339.38	0.000052	0.33	0.08	0.09	15.84	11.11	0.08
Roiesine	0.30	Max WS	APP_Tr30_D1	15.02	336.88	339.36	338.05	339.42	0.000546	1.04	0.17	0.30	15.01	11.41	0.24
Roiesine	0.30	Max WS	APP_Tr30_D2	5.04	336.88	339.38	337.50	339.38	0.000060	0.35	0.06	0.10	15.19	11.57	0.08
Roiesine	0.30	Max WS	APP_Tr30_D0.5_	5.02	336.88	339.38	337.50	339.38	0.000059	0.34	0.06	0.10	15.19	11.57	0.08
Roiesine	0.30	Max WS	APP_Tr30_D3	5.02	336.88	339.38	337.50	339.38	0.000059	0.34	0.06	0.10	15.19	11.57	0.08
Roiesine	0.25			Bridge											
Roiesine	0.20	Max WS	APP_Tr30_D1	15.02	336.82	339.36		339.42	0.000537	1.04	0.16	0.30	15.08	11.39	0.24
Roiesine	0.20	Max WS	APP_Tr30_D2	5.04	336.82	339.38		339.38	0.000059	0.34	0.06	0.10	15.27	11.57	0.08
Roiesine	0.20	Max WS	APP_Tr30_D0.5_	5.02	336.82	339.38		339.38	0.000058	0.34	0.06	0.10	15.27	11.57	0.08
Roiesine	0.20	Max WS	APP_Tr30_D3	5.02	336.82	339.38		339.38	0.000058	0.34	0.06	0.10	15.27	11.57	0.08
Roiesine	0	Max WS	APP_Tr30_D1	15.02	336.77	339.38	337.91	339.41	0.000323	0.82	0.11	0.27	22.96	26.99	0.19
Roiesine	0	Max WS	APP_Tr30_D2	5.03	336.77	339.38	337.36	339.38	0.000036	0.28	0.04	0.09	22.96	26.99	0.06
Roiesine	0	Max WS	APP_Tr30_D0.5_	5.02	336.77	339.38	337.36	339.38	0.000036	0.27	0.04	0.09	22.96	26.99	0.06
Roiesine	0	Max WS	APP_Tr30_D3	5.02	336.77	339.38	337.36	339.38	0.000036	0.27	0.04	0.09	22.96	26.99	0.06

ALLEGATI

MODELLAZIONE HEC-RAS 6.3.1 "POPPI_AP631"

FOSSO DELLA SELVA

MODELLAZIONE PER TR=30 e 200 ANNI

DURATA DI PIOGGIA: 0.5, 1, 2 e 3h

Profilo longitudinale

Sezioni Trasversali

Dati idraulici

ALLEGATI

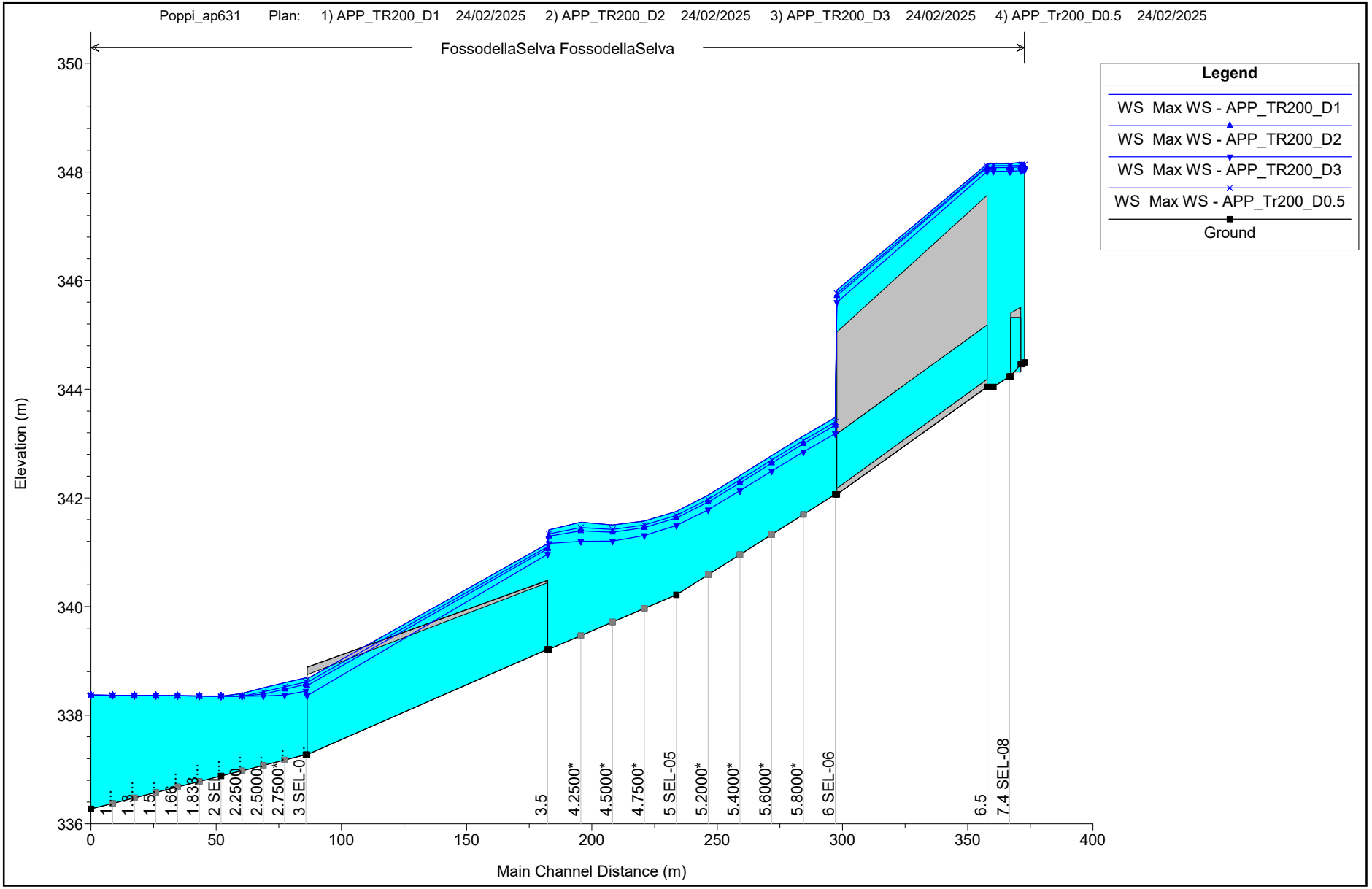
MODELLAZIONE HEC-RAS 6.3.1 "POPPI_AP631"

FOSSO DELLA SELVA

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 0.5, 1, 2 e 3h

Profilo longitudinale


Poppi_ap631 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
FossodellaSelva FossodellaSelva
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_Tr200_D0.5
Ground
Elevation (m)
Main Channel Distance (m)
350
348
346
344
342
340
338
336
0
50
100
150
200
250
300
350
400
3 SEL-0...
3.5
4.2500*
4.5000*
4.7500*
5 SEL-05
5.2000*
5.4000*
5.6000*
5.8000*
6 SEL-06
6.5
7.4 SEL-08

ALLEGATI

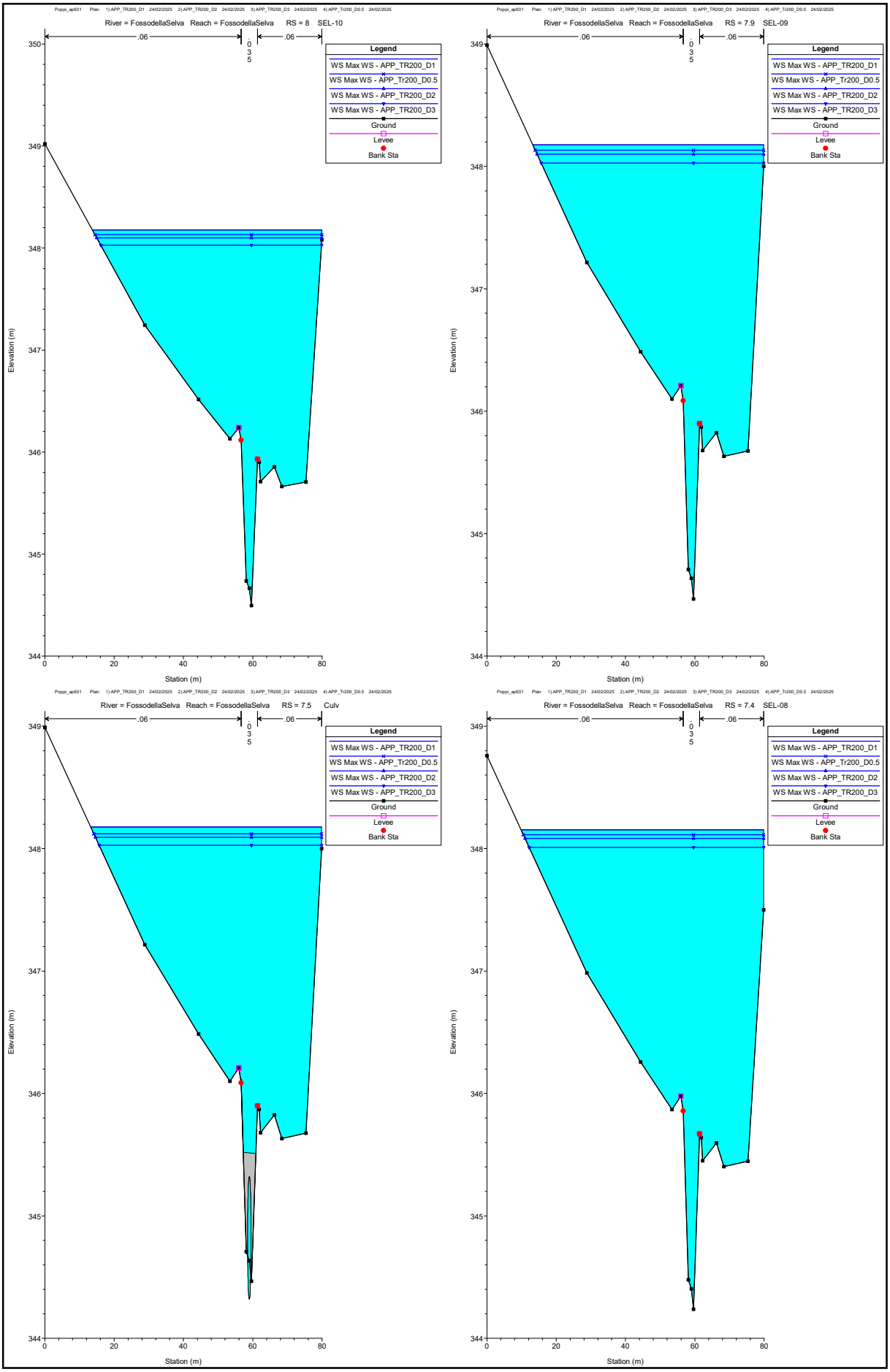
MODELLAZIONE HEC-RAS 6.3.1 "POPPI_AP631"

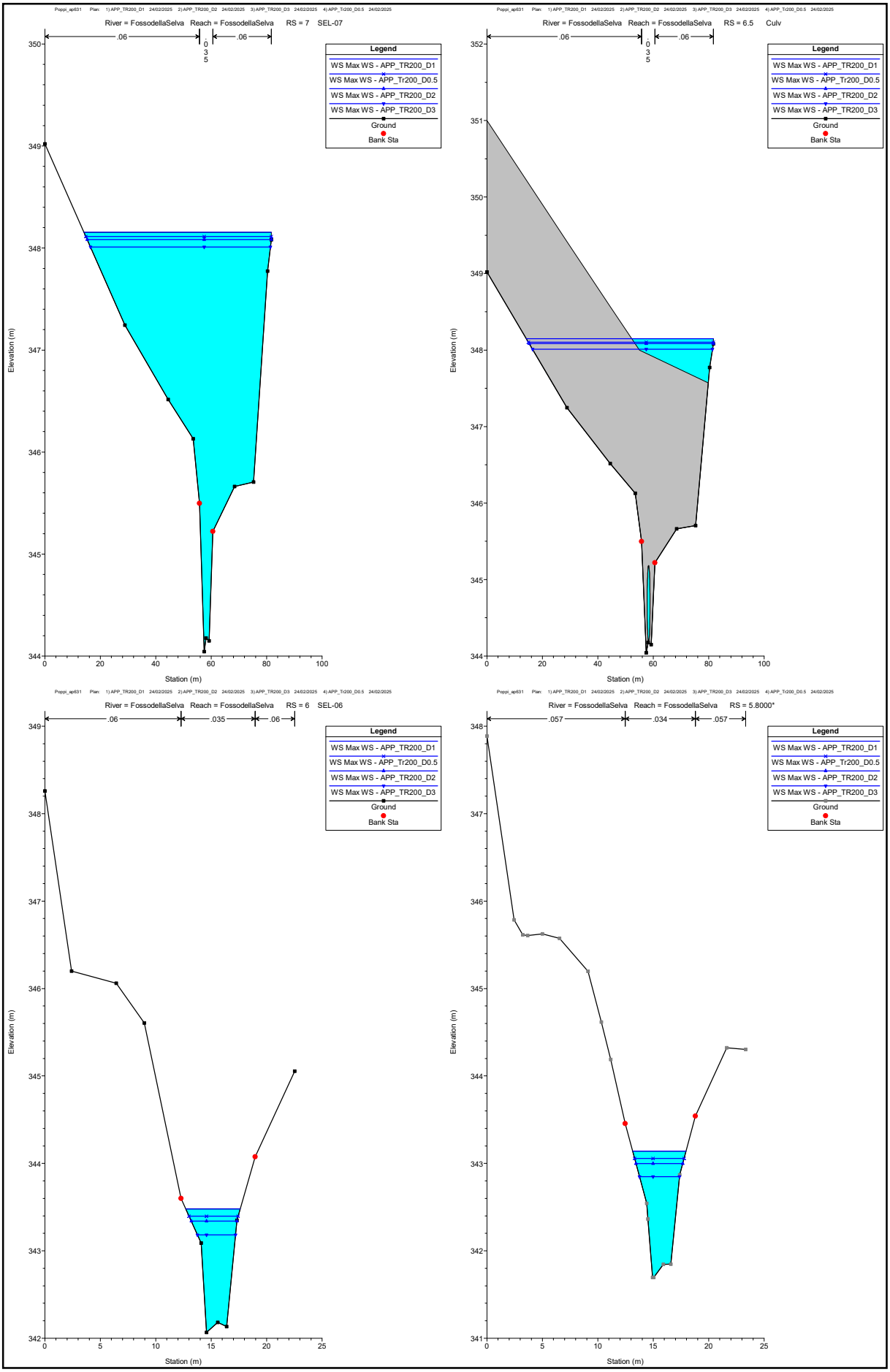
FOSSO DELLA SELVA

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 0.5, 1, 2 e 3h

Sezioni Trasversali (da monte verso valle)


Poppi_ap631 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = FossodellaSelva Reach = FossodellaSelva RS = 8 SEL-10
.06
.035
.06
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = FossodellaSelva Reach = FossodellaSelva RS = 7.9 SEL-09
.06
.035
.06
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = FossodellaSelva Reach = FossodellaSelva RS = 7.5 Culv
.06
.035
.06
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = FossodellaSelva Reach = FossodellaSelva RS = 7.4 SEL-08
.06
.035
.06
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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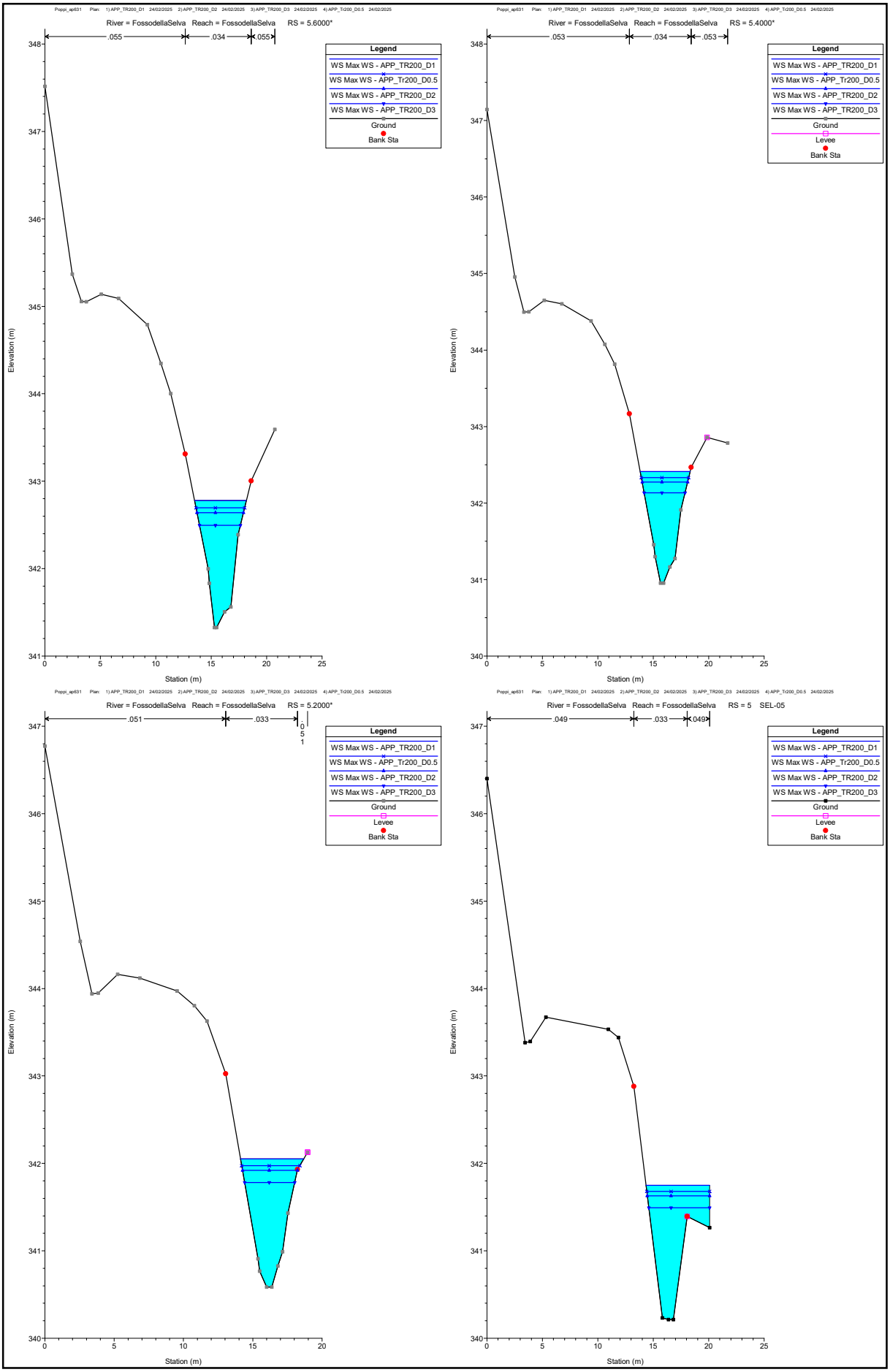
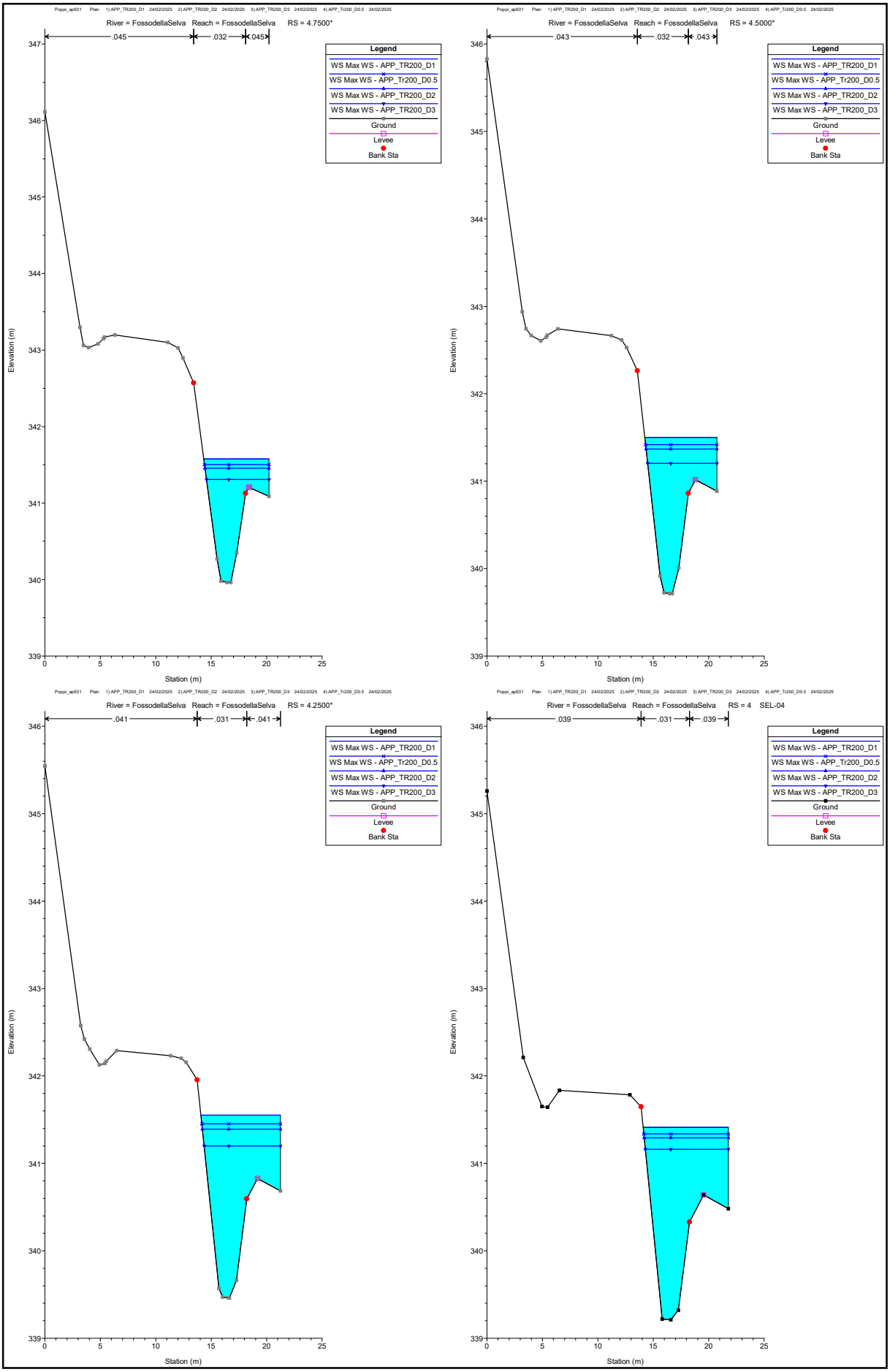
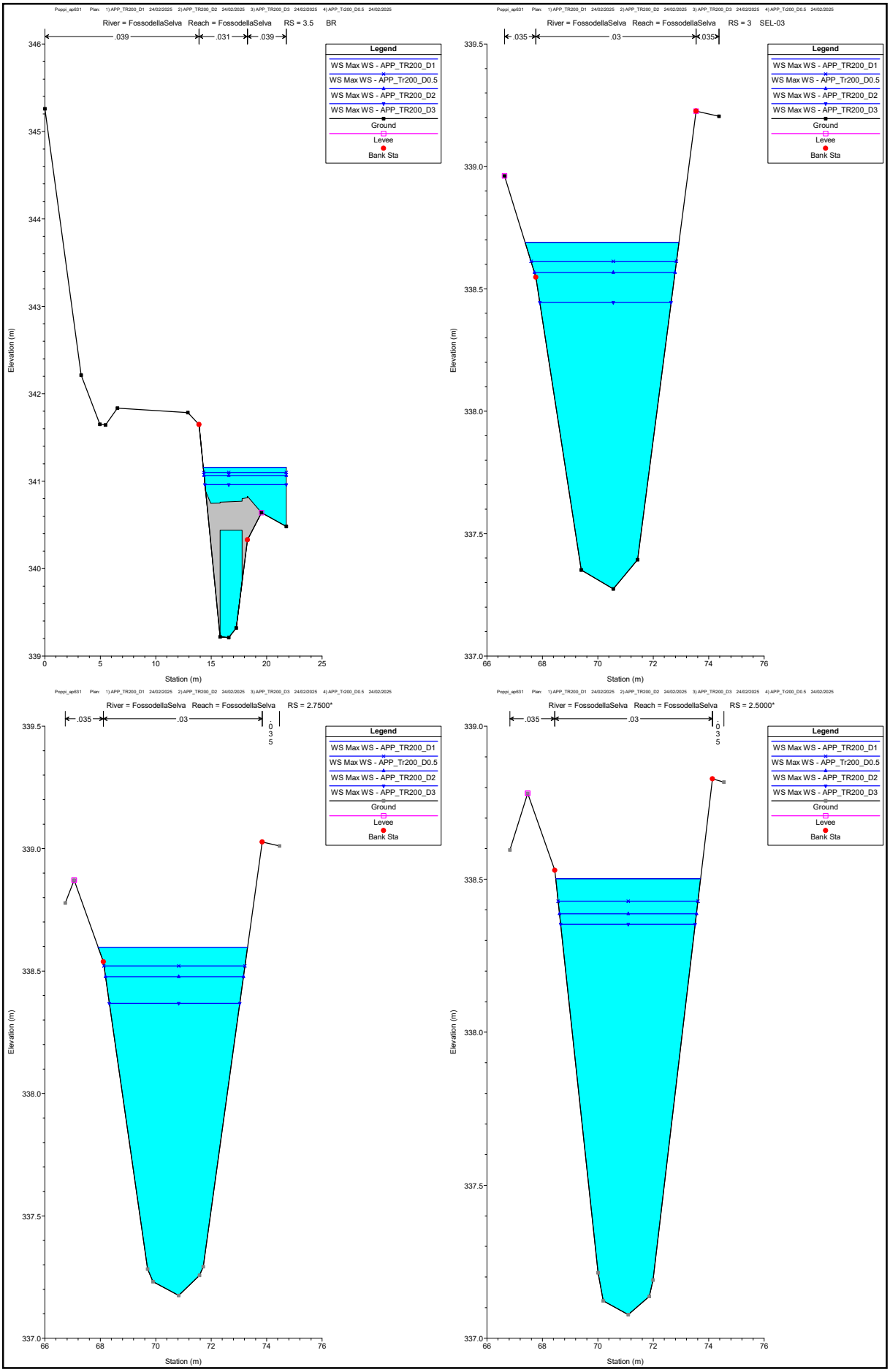
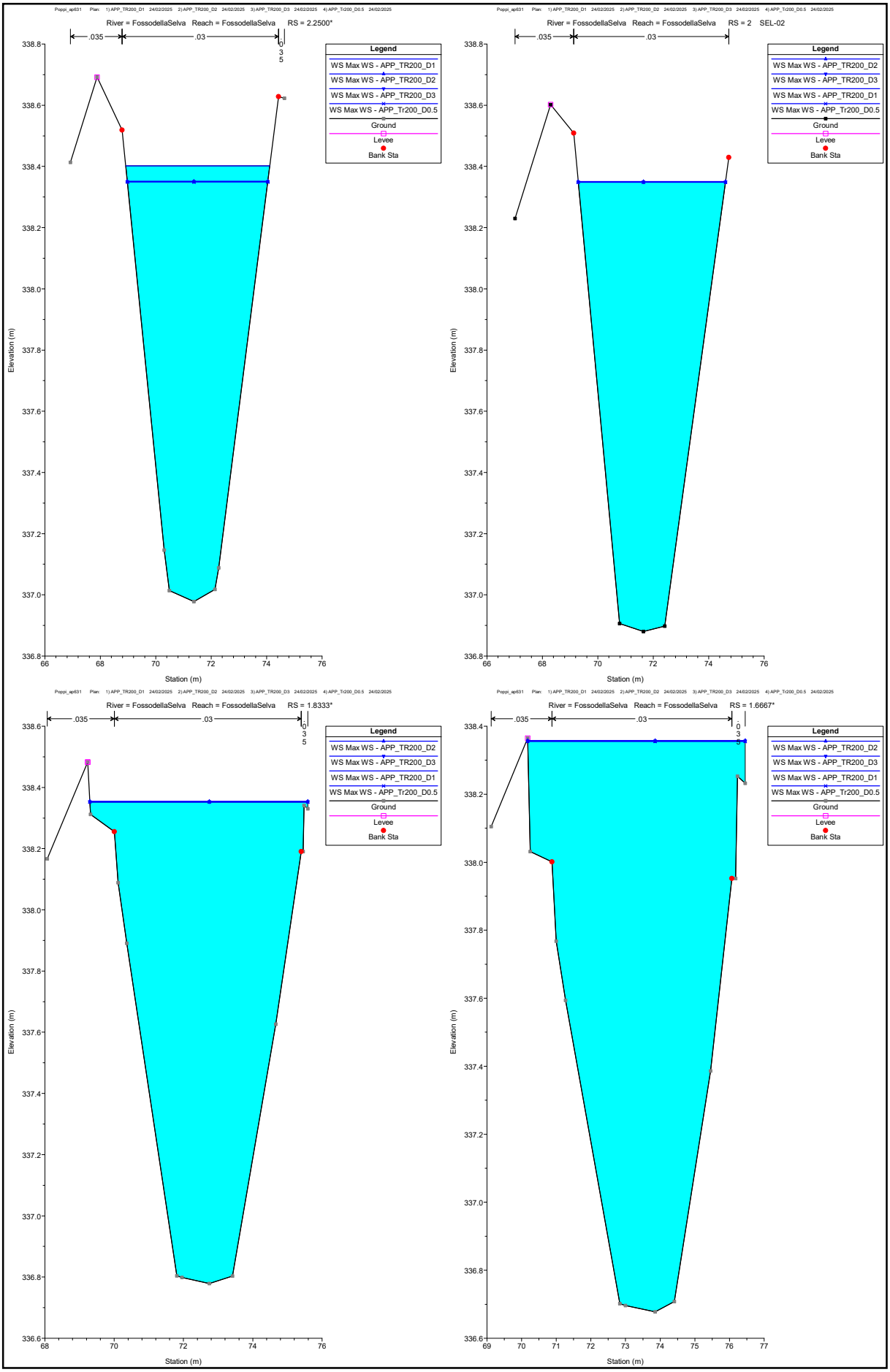
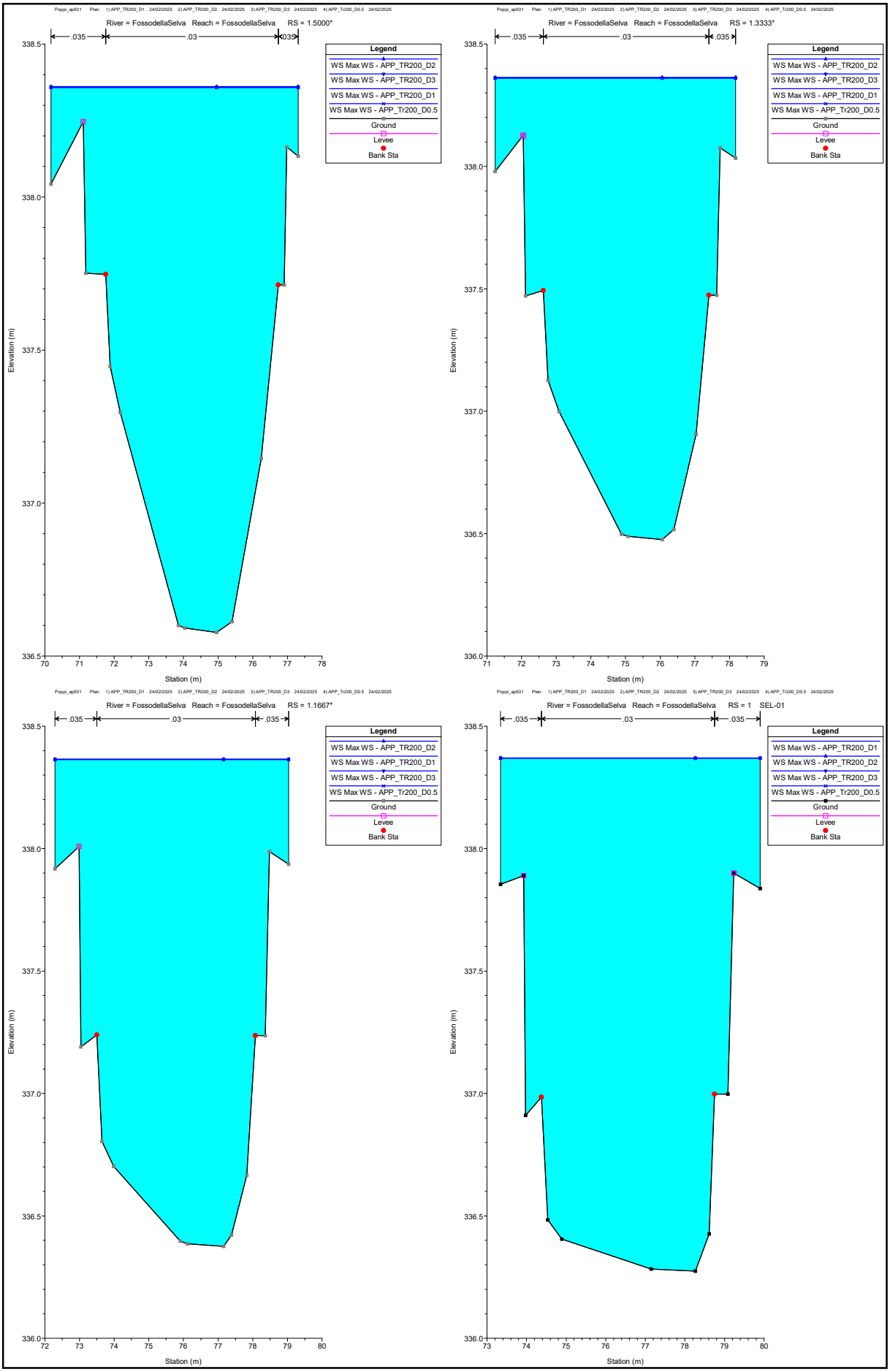
River = FossodellaSelva Reach = FossodellaSelva RS = 7 SEL-07
.06
.035
.06
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = FossodellaSelva Reach = FossodellaSelva RS = 6.5 Culv
.06
.035
.06
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = FossodellaSelva Reach = FossodellaSelva RS = 6 SEL-06
.06
.035
.06
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = FossodellaSelva Reach = FossodellaSelva RS = 5.8000*
.057
.034
.057
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)


Poppi_ap631 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = FossodellaSelva Reach = FossodellaSelva RS = 5.6000*
.055
.034
.055
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = FossodellaSelva Reach = FossodellaSelva RS = 5.4000*
.053
.034
.053
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = FossodellaSelva Reach = FossodellaSelva RS = 5.2000*
.051
.033
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = FossodellaSelva Reach = FossodellaSelva RS = 5 SEL-05
.049
.033
.049
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)


River = FossodellaSelva Reach = FossodellaSelva RS = 4.7500*
.045
.032
.045
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
River = FossodellaSelva Reach = FossodellaSelva RS = 4.5000*
.043
.032
.043
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
River = FossodellaSelva Reach = FossodellaSelva RS = 4.2500*
.041
.031
.041
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
River = FossodellaSelva Reach = FossodellaSelva RS = 4 SEL-04
.039
.031
.039
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)


River = FossodellaSelva Reach = FossodellaSelva RS = 3.5 BR
.039
.031
.039
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
River = FossodellaSelva Reach = FossodellaSelva RS = 3 SEL-03
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
River = FossodellaSelva Reach = FossodellaSelva RS = 2.7500*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
River = FossodellaSelva Reach = FossodellaSelva RS = 2.5000*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_Tr200_D0.5
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)


Poppi_ap631 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = FossodellaSelva Reach = FossodellaSelva RS = 2.2500*
.035
.03
0.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_Tr200_D0.5
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = FossodellaSelva Reach = FossodellaSelva RS = 2 SEL-02
.035
.03
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D1
WS Max WS - APP_Tr200_D0.5
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = FossodellaSelva Reach = FossodellaSelva RS = 1.8333*
.035
.03
0.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D1
WS Max WS - APP_Tr200_D0.5
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = FossodellaSelva Reach = FossodellaSelva RS = 1.6667*
.035
.03
0.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D1
WS Max WS - APP_Tr200_D0.5
Ground
Levee
Bank Sta
Elevation (m)
Station (m)


River = FossodellaSelva Reach = FossodellaSelva RS = 1.5000*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D1
WS Max WS - APP_Tr200_D0.5
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
River = FossodellaSelva Reach = FossodellaSelva RS = 1.3333*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D1
WS Max WS - APP_Tr200_D0.5
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
River = FossodellaSelva Reach = FossodellaSelva RS = 1.1667*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D3
WS Max WS - APP_Tr200_D0.5
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
River = FossodellaSelva Reach = FossodellaSelva RS = 1 SEL-01
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_TR200_D0.5
Ground
Levee
Bank Sta
Elevation (m)
Station (m)

ALLEGATI

MODELLAZIONE HEC-RAS 6.3.1 "POPPI_AP631"

FOSSO DELLA SELVA

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 0.5, 1, 2 e 3h

Dati idraulici

HEC-RAS River: FossodellaSelva Reach: FossodellaSelva Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
FossodellaSelva	8	Max WS	APP_TR200_D1	15.17	344.50	348.18		348.18	0.000030	0.29	0.10	0.15	104.97	66.27	0.05
FossodellaSelva	8	Max WS	APP_TR200_D2	12.10	344.50	348.10		348.10	0.000022	0.24	0.08	0.12	99.87	65.01	0.04
FossodellaSelva	8	Max WS	APP_TR200_D3	9.20	344.50	348.03		348.03	0.000014	0.19	0.07	0.10	95.24	63.73	0.04
FossodellaSelva	8	Max WS	APP_Tr200_D0.5	13.39	344.50	348.13		348.13	0.000025	0.26	0.09	0.13	102.02	65.54	0.05
FossodellaSelva	7.99			Lat Struct											
FossodellaSelva	7.9	Max WS	APP_TR200_D1	15.16	344.47	348.18		348.18	0.000028	0.28	0.10	0.15	106.95	66.66	0.05
FossodellaSelva	7.9	Max WS	APP_TR200_D2	12.09	344.47	348.10		348.10	0.000020	0.24	0.08	0.12	101.82	65.39	0.04
FossodellaSelva	7.9	Max WS	APP_TR200_D3	9.20	344.47	348.03		348.03	0.000013	0.19	0.07	0.10	97.16	64.23	0.03
FossodellaSelva	7.9	Max WS	APP_Tr200_D0.5	13.38	344.47	348.13		348.13	0.000024	0.26	0.09	0.13	103.98	65.93	0.05
FossodellaSelva	7.5			Culvert											
FossodellaSelva	7.4	Max WS	APP_TR200_D1	15.16	344.24	348.15		348.15	0.000020	0.25	0.09	0.13	121.66	70.01	0.04
FossodellaSelva	7.4	Max WS	APP_TR200_D2	12.10	344.24	348.08		348.08	0.000014	0.21	0.07	0.11	116.79	68.87	0.04
FossodellaSelva	7.4	Max WS	APP_TR200_D3	9.20	344.24	348.01		348.01	0.000009	0.16	0.06	0.09	111.86	67.70	0.03
FossodellaSelva	7.4	Max WS	APP_Tr200_D0.5	13.38	344.24	348.11		348.12	0.000017	0.22	0.08	0.12	118.92	69.37	0.04
FossodellaSelva	7	Max WS	APP_TR200_D1	12.91	344.04	348.15		348.15	0.000016	0.24	0.07	0.11	111.56	67.57	0.04
FossodellaSelva	7	Max WS	APP_TR200_D2	10.58	344.04	348.08		348.08	0.000012	0.21	0.06	0.09	106.86	66.43	0.04
FossodellaSelva	7	Max WS	APP_TR200_D3	8.26	344.04	348.01		348.01	0.000008	0.17	0.05	0.08	102.09	64.95	0.03
FossodellaSelva	7	Max WS	APP_Tr200_D0.5	11.55	344.04	348.11		348.12	0.000014	0.22	0.07	0.10	108.91	66.93	0.04
FossodellaSelva	6.5			Culvert											
FossodellaSelva	6	Max WS	APP_TR200_D1	12.91	342.07	343.48	343.61	344.05	0.026211	3.35			3.85	4.92	1.21
FossodellaSelva	6	Max WS	APP_TR200_D2	10.58	342.07	343.34	343.47	343.89	0.026281	3.28			3.22	4.12	1.19
FossodellaSelva	6	Max WS	APP_TR200_D3	8.27	342.07	343.18	343.28	343.69	0.025693	3.14			2.63	3.45	1.15
FossodellaSelva	6	Max WS	APP_Tr200_D0.5	11.55	342.07	343.40	343.54	343.96	0.026593	3.33			3.47	4.45	1.20
FossodellaSelva	5.99			Lat Struct											
FossodellaSelva	5.98			Lat Struct											
FossodellaSelva	5.8000*	Max WS	APP_TR200_D1	14.31	341.70	343.14	343.35	343.85	0.029180	3.73			3.83	4.81	1.34
FossodellaSelva	5.8000*	Max WS	APP_TR200_D2	11.50	341.70	343.00	343.18	343.66	0.029476	3.59			3.20	4.21	1.32
FossodellaSelva	5.8000*	Max WS	APP_TR200_D3	8.76	341.70	342.85	343.00	343.42	0.027961	3.35			2.61	3.61	1.26
FossodellaSelva	5.8000*	Max WS	APP_Tr200_D0.5	12.67	341.70	343.06	343.25	343.74	0.029655	3.67			3.45	4.46	1.33
FossodellaSelva	5.6000*	Max WS	APP_TR200_D1	14.31	341.33	342.78	342.99	343.52	0.029471	3.81			3.76	4.67	1.36
FossodellaSelva	5.6000*	Max WS	APP_TR200_D2	11.50	341.33	342.64	342.84	343.32	0.030074	3.66			3.14	4.19	1.35
FossodellaSelva	5.6000*	Max WS	APP_TR200_D3	8.76	341.33	342.49	342.65	343.09	0.028968	3.40			2.57	3.69	1.30
FossodellaSelva	5.6000*	Max WS	APP_Tr200_D0.5	12.67	341.33	342.70	342.90	343.41	0.030074	3.74			3.39	4.39	1.36
FossodellaSelva	5.4000*	Max WS	APP_TR200_D1	14.31	340.96	342.41	342.62	343.18	0.029394	3.87			3.70	4.50	1.36
FossodellaSelva	5.4000*	Max WS	APP_TR200_D2	11.50	340.96	342.28	342.48	342.97	0.029880	3.70			3.11	4.10	1.35
FossodellaSelva	5.4000*	Max WS	APP_TR200_D3	8.76	340.96	342.13	342.30	342.73	0.028758	3.42			2.56	3.68	1.31
FossodellaSelva	5.4000*	Max WS	APP_Tr200_D0.5	12.67	340.96	342.33	342.54	343.06	0.029895	3.78			3.35	4.27	1.36
FossodellaSelva	5.2000*	Max WS	APP_TR200_D1	15.09	340.59	342.05	342.29	342.91	0.028641	4.11		0.50	3.70	4.56	1.39
FossodellaSelva	5.2000*	Max WS	APP_TR200_D2	12.09	340.59	341.92	342.14	342.68	0.029340	3.85			3.14	3.96	1.38
FossodellaSelva	5.2000*	Max WS	APP_TR200_D3	9.20	340.59	341.78	341.95	342.42	0.027707	3.53			2.61	3.61	1.33
FossodellaSelva	5.2000*	Max WS	APP_Tr200_D0.5	13.33	340.59	341.98	342.20	342.78	0.029252	3.97		0.26	3.36	4.19	1.39
FossodellaSelva	5	Max WS	APP_TR200_D1	15.05	340.22	341.75	341.89	342.38	0.019620	3.63		1.39	4.67	5.73	1.14
FossodellaSelva	5	Max WS	APP_TR200_D2	12.09	340.22	341.63	341.75	342.18	0.019024	3.38		1.13	3.99	5.61	1.11
FossodellaSelva	5	Max WS	APP_TR200_D3	9.20	340.22	341.49	341.59	341.97	0.018577	3.09		0.77	3.22	5.48	1.08
FossodellaSelva	5	Max WS	APP_Tr200_D0.5	13.30	340.22	341.68	341.80	342.27	0.019438	3.50		1.24	4.26	5.66	1.13
FossodellaSelva	4.99			Lat Struct											
FossodellaSelva	4.98			Lat Struct											
FossodellaSelva	4.7500*	Max WS	APP_TR200_D1	11.44	339.96	341.58		341.88	0.008219	2.54		0.99	5.05	5.89	0.77
FossodellaSelva	4.7500*	Max WS	APP_TR200_D2	10.03	339.96	341.45		341.77	0.009312	2.56		0.87	4.34	5.77	0.81
FossodellaSelva	4.7500*	Max WS	APP_TR200_D3	8.59	339.96	341.31	341.31	341.65	0.011415	2.63		0.65	3.51	5.64	0.89
FossodellaSelva	4.7500*	Max WS	APP_Tr200_D0.5	10.54	339.96	341.50		341.81	0.008781	2.54		0.92	4.62	5.82	0.79
FossodellaSelva	4.5000*	Max WS	APP_TR200_D1	11.42	339.71	341.50		341.70	0.004655	2.07		0.92	6.31	6.49	0.59
FossodellaSelva	4.5000*	Max WS	APP_TR200_D2	9.28	339.71	341.37		341.54	0.004510	1.93		0.78	5.44	6.37	0.58
FossodellaSelva	4.5000*	Max WS	APP_TR200_D3	7.99	339.71	341.20		341.40	0.005627	2.01		0.65	4.42	6.23	0.64
FossodellaSelva	4.5000*	Max WS	APP_Tr200_D0.5	9.91	339.71	341.42		341.60	0.004412	1.95		0.82	5.78	6.42	0.57
FossodellaSelva	4.2500*	Max WS	APP_TR200_D1	10.22	339.46	341.55		341.64	0.001578	1.38		0.71	8.60	7.17	0.36
FossodellaSelva	4.2500*	Max WS	APP_TR200_D2	8.79	339.46	341.39		341.48	0.001699	1.36		0.65	7.47	7.04	0.37
FossodellaSelva	4.2500*	Max WS	APP_TR200_D3	7.73	339.46	341.20		341.30	0.002209	1.45		0.61	6.13	6.88	0.42
FossodellaSelva	4.2500*	Max WS	APP_Tr200_D0.5	9.18	339.46	341.45		341.54	0.001596	1.35		0.66	7.91	7.09	0.36
FossodellaSelva	4	Max WS	APP_TR200_D1	14.91	339.21	341.41	340.89	341.55	0.002459	1.78		0.99	9.74	7.68	0.45
FossodellaSelva	4	Max WS	APP_TR200_D2	12.07	339.21	341.29	340.77	341.41	0.002099	1.59		0.85	8.83	7.59	0.41
FossodellaSelva	4	Max WS	APP_TR200_D3	9.20	339.21	341.16	340.50	341.24	0.001679	1.37		0.68	7.83	7.48	0.37
FossodellaSelva	4	Max WS	APP_Tr200_D0.5	13.09	339.21	341.34	340.82	341.46	0.002232	1.66		0.90	9.17	7.62	0.43
FossodellaSelva	3.5			Bridge											
FossodellaSelva	3	Max WS	APP_TR200_D1	14.92	337.27	338.69	338.68	339.15	0.010643	3.01	0.48		4.98	5.55	0.98
FossodellaSelva	3	Max WS	APP_TR200_D2	12.07	337.27	338.57	338.54	338.96	0.010513	2.79	0.12		4.32	5.07	0.96
FossodellaSelva	3	Max WS	APP_TR200_D3	9.20	337.27	338.44		338.75	0.009202	2.47			3.73	4.73	0.89
FossodellaSelva	3	Max WS	APP_Tr200_D0.5	13.09	337.27	338.61	338.60	339.03	0.010567	2.88	0.28		4.56	5.24	0.97
FossodellaSelva	2.99			Lat Struct											
FossodellaSelva	2.98			Lat Struct											
FossodellaSelva	2.7500*	Max WS	APP_TR200_D1	14.91	337.18	338.60	338.60	339.07	0.011136	3.04	0.28		4.92	5.39	1.00
FossodellaSelva	2.7500*	Max WS	APP_TR200_D2	12.07	337.18	338.48	338.46	338.88	0.010689	2.81			4.30	4.98	0.97
FossodellaSelva	2.7500*	Max WS	APP_TR200_D3	9.20	337.18	338.37		338.67	0.008848	2.44			3.77	4.71	0.87
FossodellaSelva	2.7500*	Max WS	APP_Tr200_D0.5	13.09	337.18	338.52	338.51	338.95	0.010973	2.90			4.52	5.09	0.98
FossodellaSelva	2.5000*	Max WS	APP_TR200_D1	14.91	337.08	338.50	338.51	338.98	0.011636	3.07			4.86	5.23	1.02
FossodellaSelva	2.5000*	Max WS	APP_TR200_D2	12.07	337.08	338.39	338.37	338.79	0.010751	2.82			4.28	4.94	0.97
FossodellaSelva	2.5000*	Max WS	APP_TR200_D3	5.00	337.08	338.35		338.43	0.002054	1.22			4.11	4.86	0.42
FossodellaSelva	2.5000*	Max WS	APP_Tr200_D0.5	13.09	337.08	338.43	338.42	338.86	0.011137	2.92			4.49	5.05	0.99
FossodellaSelva	2.2500*	Max WS	APP_TR200_D1	14.91	336.98	338.40	338.43	338.89	0.011964	3.09			4.82	5.20	1.03
FossodellaSelva	2.2500*	Max WS	APP_TR200_D2	5.00	336.98	338.35		338.41	0.001557	1.10			4.56	5.07	0.37
FossodellaSelva	2.2500*	Max WS	APP_TR200_D3	5.00	336.98	338.35		338.41	0.001564	1.10			4.55	5.07	0.37
FossodellaSelva	2.2500*	Max WS	APP_Tr200_D0.5	5.00	336.98	338.35		338.41	0.001570	1.10			4.55	5.06	0.37
FossodellaSelva	2	Max WS	APP_TR200_D1	5.00	336.88	338.35		338.40	0.001199	0.99			5.04	5.31	0.32

HEC-RAS River: FossodellaSelva Reach: FossodellaSelva Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
FossodellaSelva	2	Max WS	APP_TR200_D2	5.00	336.88	338.35		338.40	0.001191	0.99			5.05	5.32	0.32
FossodellaSelva	2	Max WS	APP_TR200_D3	5.00	336.88	338.35		338.40	0.001197	0.99			5.05	5.31	0.32
FossodellaSelva	2	Max WS	APP_Tr200_D0.5	5.00	336.88	338.35		338.40	0.001200	0.99			5.04	5.31	0.33
FossodellaSelva	1.8333*	Max WS	APP_TR200_D1	5.00	336.78	338.35		338.39	0.000746	0.86	0.13	0.09	5.88	6.29	0.26
FossodellaSelva	1.8333*	Max WS	APP_TR200_D2	5.00	336.78	338.35		338.39	0.000740	0.86	0.13	0.09	5.89	6.29	0.26
FossodellaSelva	1.8333*	Max WS	APP_TR200_D3	5.00	336.78	338.35		338.39	0.000743	0.86	0.13	0.09	5.88	6.29	0.26
FossodellaSelva	1.8333*	Max WS	APP_Tr200_D0.5	5.00	336.78	338.35		338.39	0.000746	0.86	0.13	0.09	5.88	6.29	0.26
FossodellaSelva	1.6667*	Max WS	APP_TR200_D1	5.00	336.68	338.36		338.38	0.000461	0.75	0.23	0.14	6.85	6.28	0.21
FossodellaSelva	1.6667*	Max WS	APP_TR200_D2	5.00	336.68	338.36		338.39	0.000457	0.75	0.23	0.14	6.86	6.28	0.21
FossodellaSelva	1.6667*	Max WS	APP_TR200_D3	5.00	336.68	338.36		338.39	0.000460	0.75	0.23	0.14	6.86	6.28	0.21
FossodellaSelva	1.6667*	Max WS	APP_Tr200_D0.5	5.00	336.68	338.36		338.38	0.000461	0.75	0.23	0.14	6.85	6.28	0.21
FossodellaSelva	1.5000*	Max WS	APP_TR200_D1	4.99	336.58	338.36		338.38	0.000304	0.67	0.19	0.16	7.98	7.14	0.18
FossodellaSelva	1.5000*	Max WS	APP_TR200_D2	4.99	336.58	338.36		338.38	0.000302	0.67	0.19	0.16	8.00	7.14	0.18
FossodellaSelva	1.5000*	Max WS	APP_TR200_D3	4.97	336.58	338.36		338.38	0.000301	0.67	0.19	0.16	7.99	7.14	0.18
FossodellaSelva	1.5000*	Max WS	APP_Tr200_D0.5	4.99	336.58	338.36		338.38	0.000304	0.67	0.20	0.16	7.98	7.14	0.18
FossodellaSelva	1.3333*	Max WS	APP_TR200_D1	4.89	336.48	338.36		338.38	0.000207	0.60	0.19	0.16	8.92	6.94	0.15
FossodellaSelva	1.3333*	Max WS	APP_TR200_D2	4.91	336.48	338.36		338.38	0.000208	0.60	0.19	0.16	8.93	6.94	0.15
FossodellaSelva	1.3333*	Max WS	APP_TR200_D3	4.88	336.48	338.36		338.38	0.000206	0.60	0.19	0.16	8.93	6.94	0.15
FossodellaSelva	1.3333*	Max WS	APP_Tr200_D0.5	4.89	336.48	338.36		338.38	0.000208	0.60	0.19	0.16	8.92	6.94	0.15
FossodellaSelva	1.1667*	Max WS	APP_TR200_D1	4.70	336.38	338.36		338.38	0.000144	0.54	0.17	0.16	9.80	6.75	0.13
FossodellaSelva	1.1667*	Max WS	APP_TR200_D2	4.82	336.38	338.37		338.38	0.000151	0.55	0.17	0.16	9.80	6.75	0.13
FossodellaSelva	1.1667*	Max WS	APP_TR200_D3	4.79	336.38	338.36		338.38	0.000150	0.55	0.17	0.16	9.80	6.75	0.13
FossodellaSelva	1.1667*	Max WS	APP_Tr200_D0.5	4.68	336.38	338.36		338.38	0.000143	0.53	0.17	0.16	9.80	6.75	0.13
FossodellaSelva	1	Max WS	APP_TR200_D1	2.77	336.27	338.37	336.70	338.37	0.000039	0.30	0.09	0.09	10.62	6.56	0.07
FossodellaSelva	1	Max WS	APP_TR200_D2	3.05	336.27	338.37	336.72	338.38	0.000048	0.33	0.10	0.10	10.62	6.56	0.07
FossodellaSelva	1	Max WS	APP_TR200_D3	2.92	336.27	338.37	336.71	338.37	0.000044	0.31	0.10	0.10	10.62	6.56	0.07
FossodellaSelva	1	Max WS	APP_Tr200_D0.5	2.73	336.27	338.37	336.70	338.37	0.000039	0.29	0.09	0.09	10.62	6.56	0.07

ALLEGATI

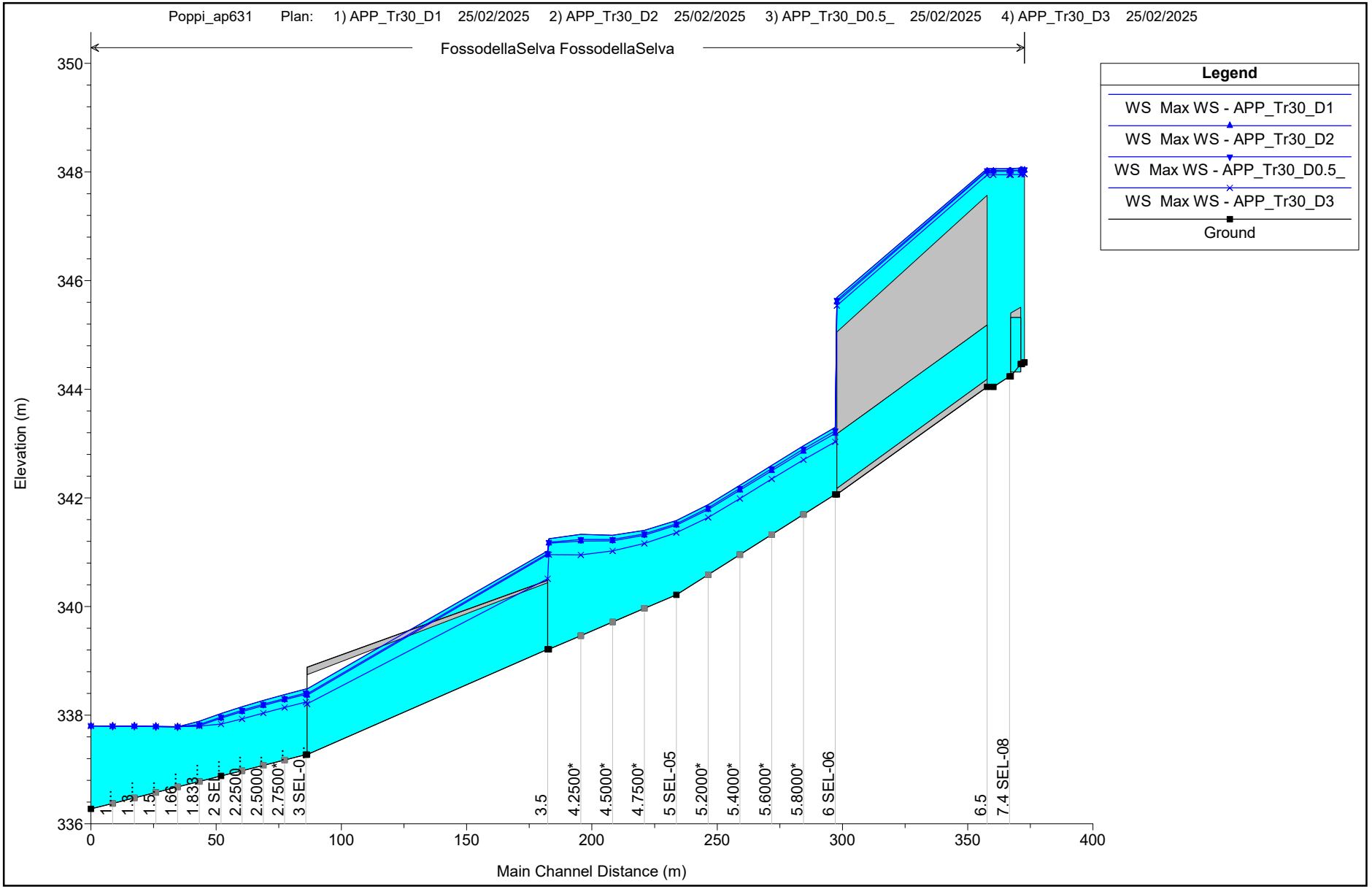
MODELLAZIONE HEC-RAS 6.3.1 "POPPI_AP631"

FOSSO DELLA SELVA

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 0.5, 1, 2 e 3h

Profilo longitudinale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FossodellaSelva FossodellaSelva
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Elevation (m)
Main Channel Distance (m)
350
348
346
344
342
340
338
336
0
50
100
150
200
250
300
350
400
3 SEL-0...
3.5
4.2500*
4.5000*
4.7500*
5 SEL-05
5.2000*
5.4000*
5.6000*
5.8000*
6 SEL-06
6.5
7.4 SEL-08

ALLEGATI

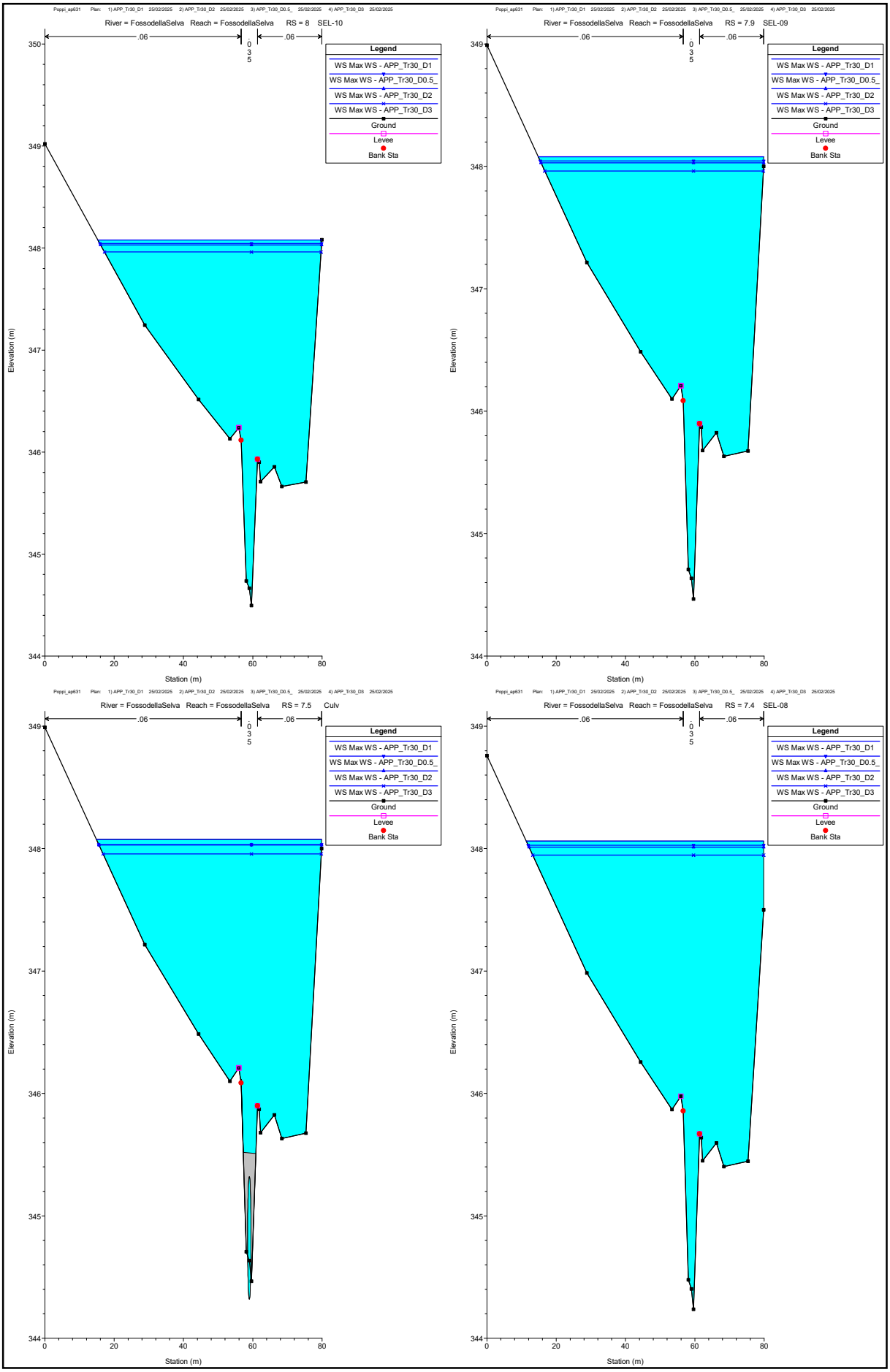
MODELLAZIONE HEC-RAS 6.3.1 "POPPI_AP631"

FOSSO DELLA SELVA

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 0.5, 1, 2 e 3h

Sezioni Trasversali (da monte verso valle)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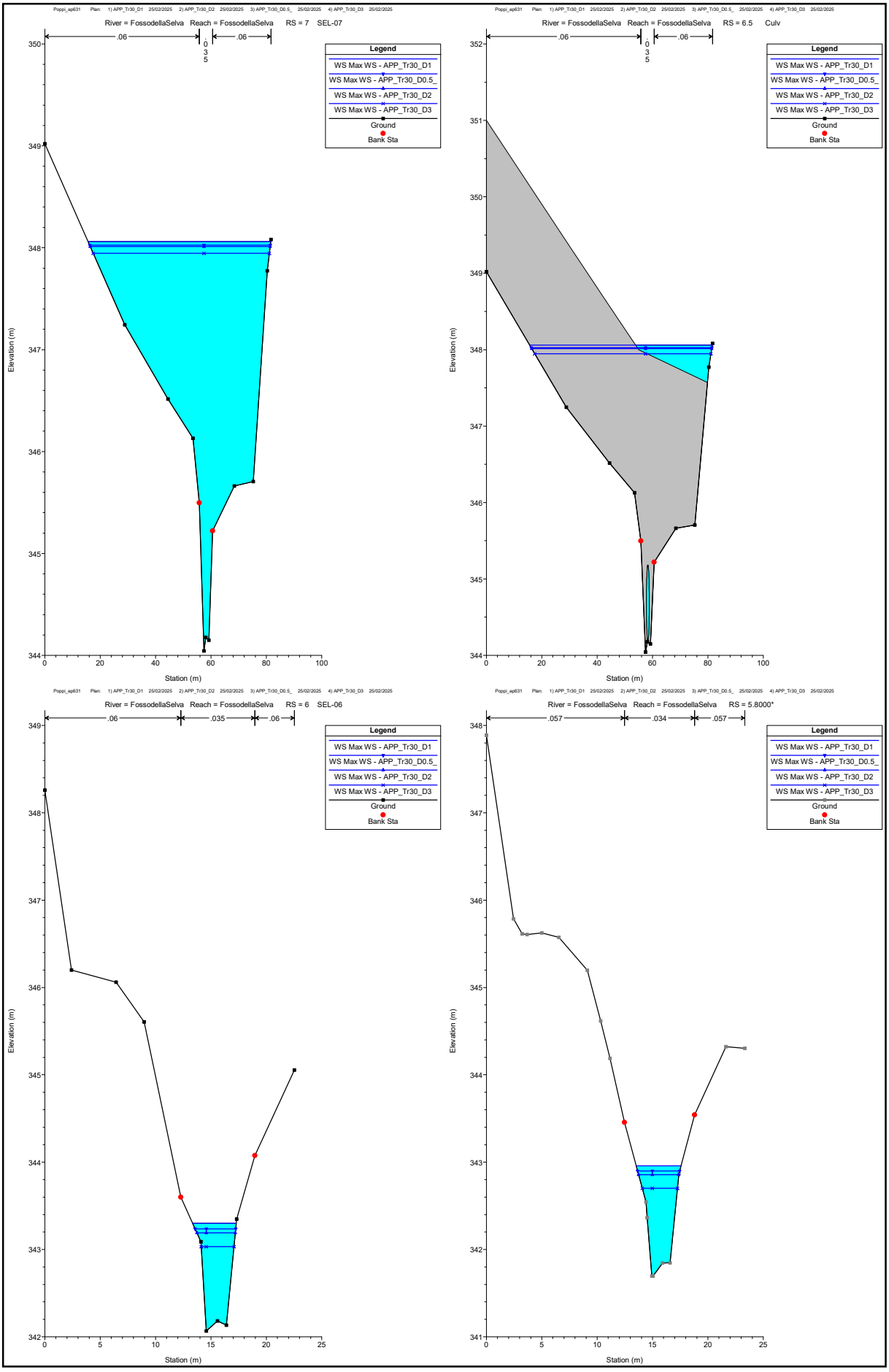
River = FossodellaSelva Reach = FossodellaSelva RS = 8 SEL-10
River = FossodellaSelva Reach = FossodellaSelva RS = 7.9 SEL-09
River = FossodellaSelva Reach = FossodellaSelva RS = 7.5 Culv
River = FossodellaSelva Reach = FossodellaSelva RS = 7.4 SEL-08
.06
.035
.06
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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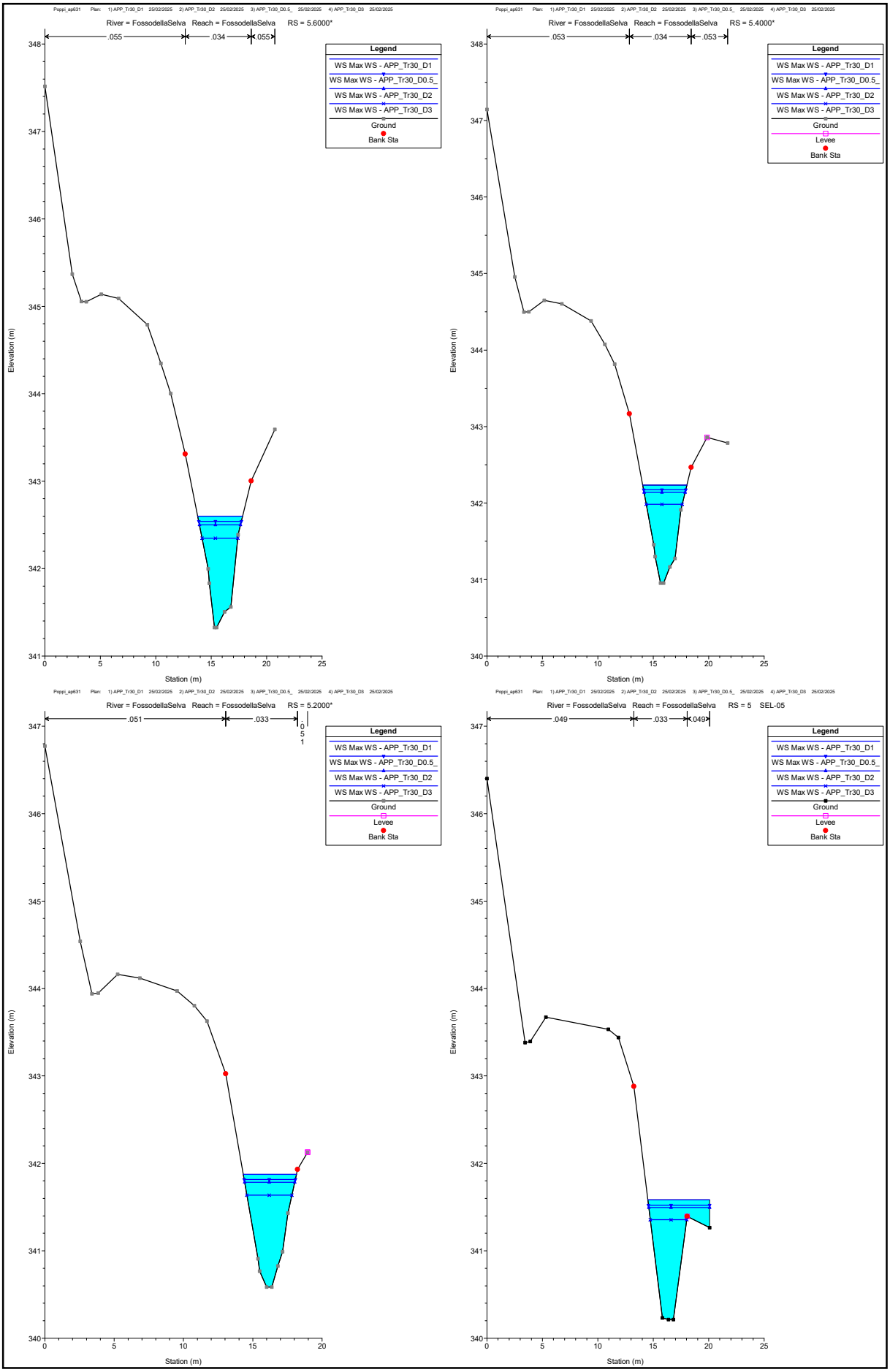
River = FossodellaSelva Reach = FossodellaSelva RS = 7 SEL-07
.06
.035
.06
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = FossodellaSelva Reach = FossodellaSelva RS = 6.5 Culv
.06
.035
.06
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = FossodellaSelva Reach = FossodellaSelva RS = 6 SEL-06
.06
.035
.06
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = FossodellaSelva Reach = FossodellaSelva RS = 5.8000*
.057
.034
.057
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)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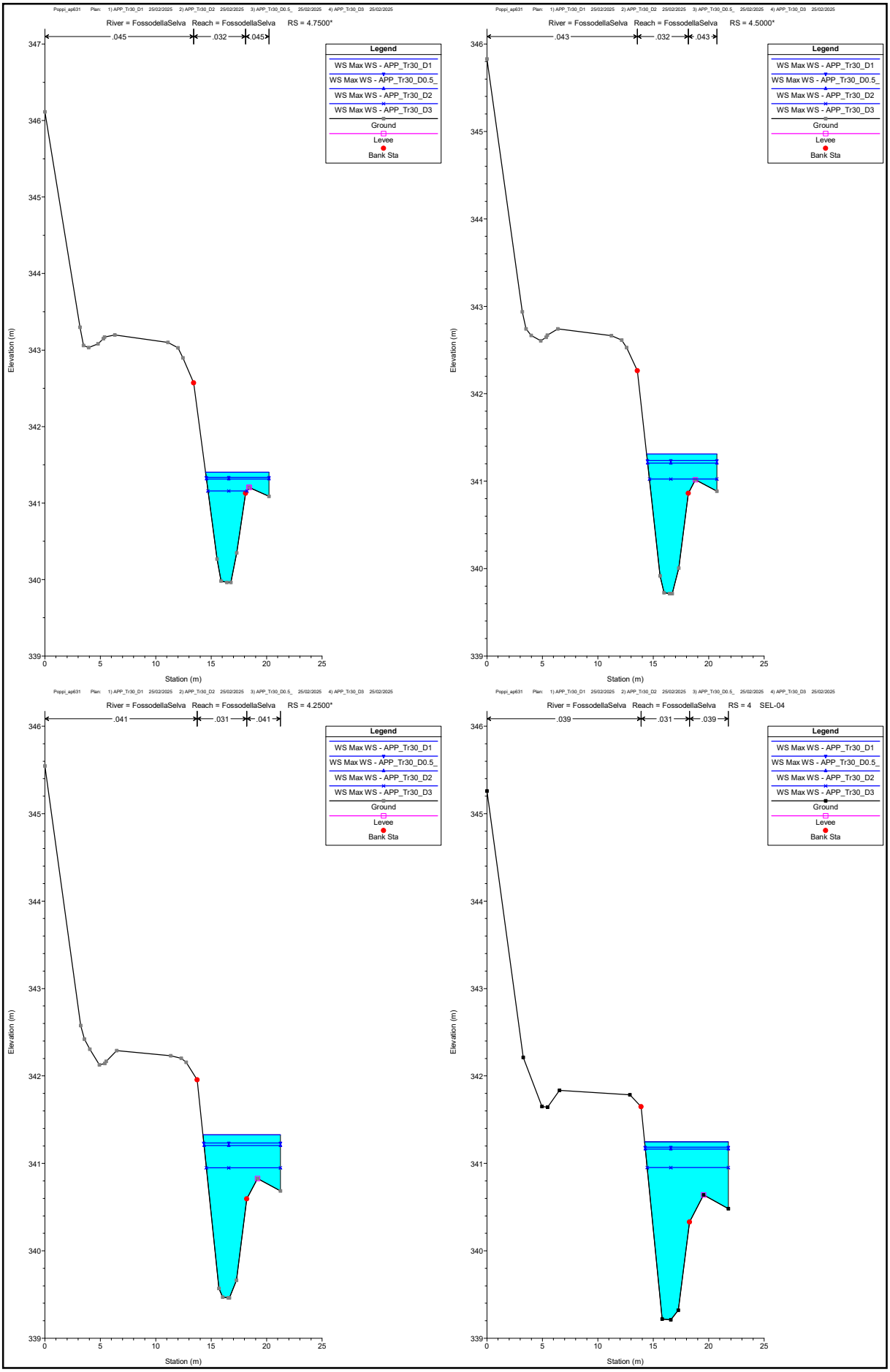
River = FossodellaSelva Reach = FossodellaSelva RS = 5.6000*
.055
.034
.055
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = FossodellaSelva Reach = FossodellaSelva RS = 5.4000*
.053
.034
.053
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = FossodellaSelva Reach = FossodellaSelva RS = 5.2000*
.051
.033
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = FossodellaSelva Reach = FossodellaSelva RS = 5 SEL-05
.049
.033
.049
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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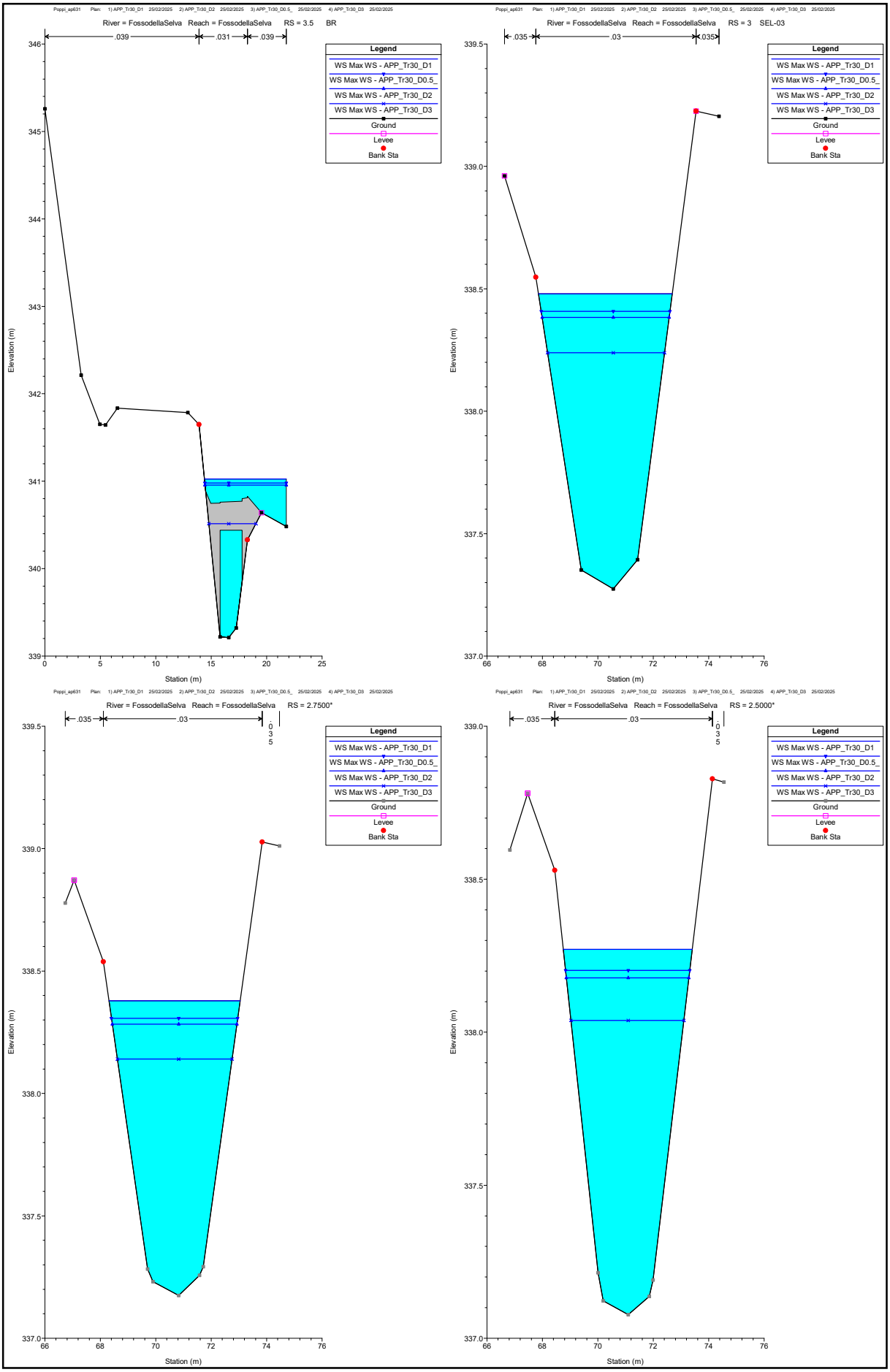
River = FossodellaSelva Reach = FossodellaSelva RS = 4.7500*
.045
.032
.045
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = FossodellaSelva Reach = FossodellaSelva RS = 4.5000*
.043
.032
.043
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = FossodellaSelva Reach = FossodellaSelva RS = 4.2500*
.041
.031
.041
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = FossodellaSelva Reach = FossodellaSelva RS = 4 SEL-04
.039
.031
.039
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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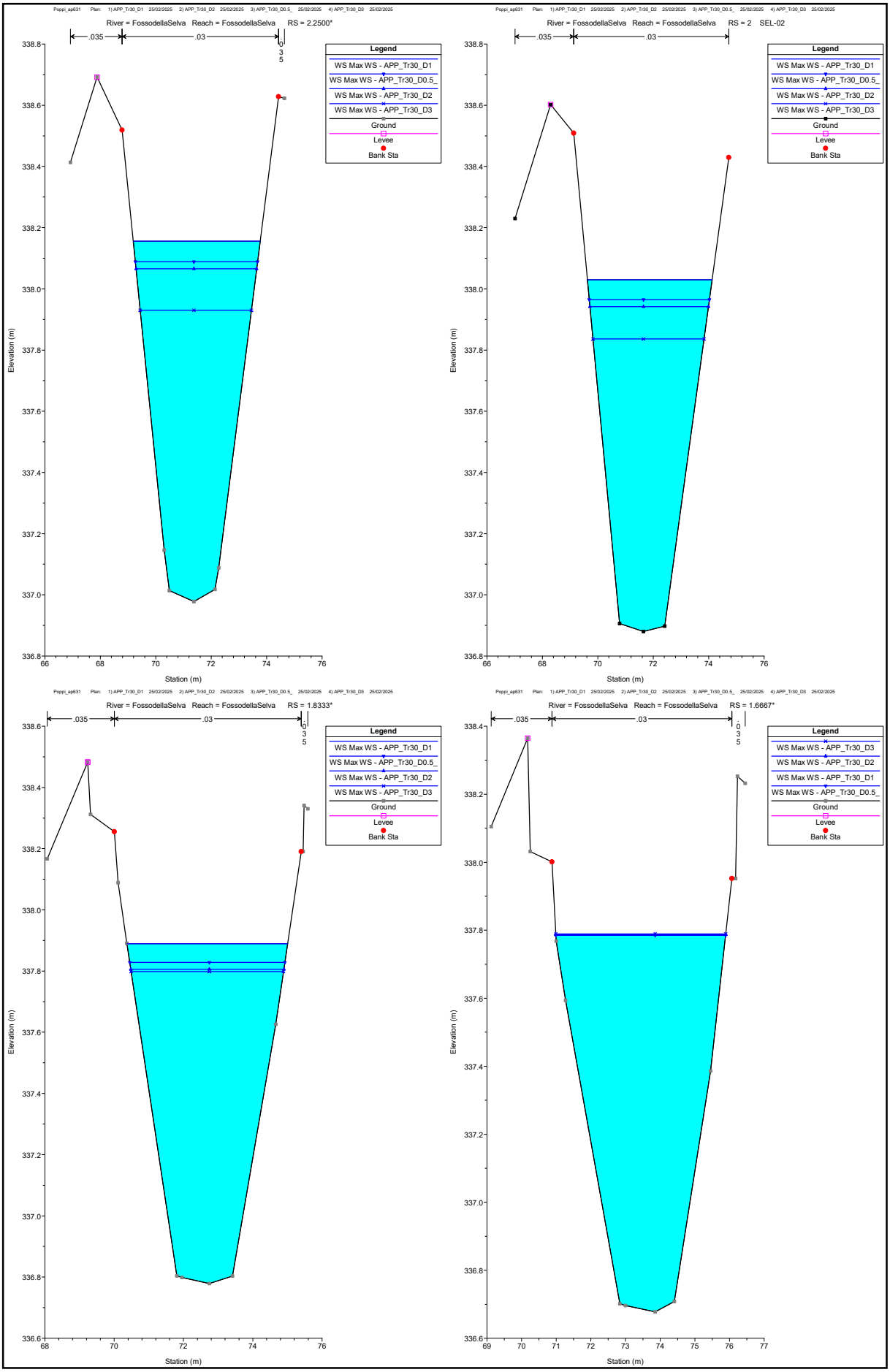
River = FossodellaSelva Reach = FossodellaSelva RS = 3.5 BR
.039
.031
.039
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = FossodellaSelva Reach = FossodellaSelva RS = 3 SEL-03
.035
.03
.035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = FossodellaSelva Reach = FossodellaSelva RS = 2.7500*
.035
.03
.035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = FossodellaSelva Reach = FossodellaSelva RS = 2.5000*
.035
.03
.035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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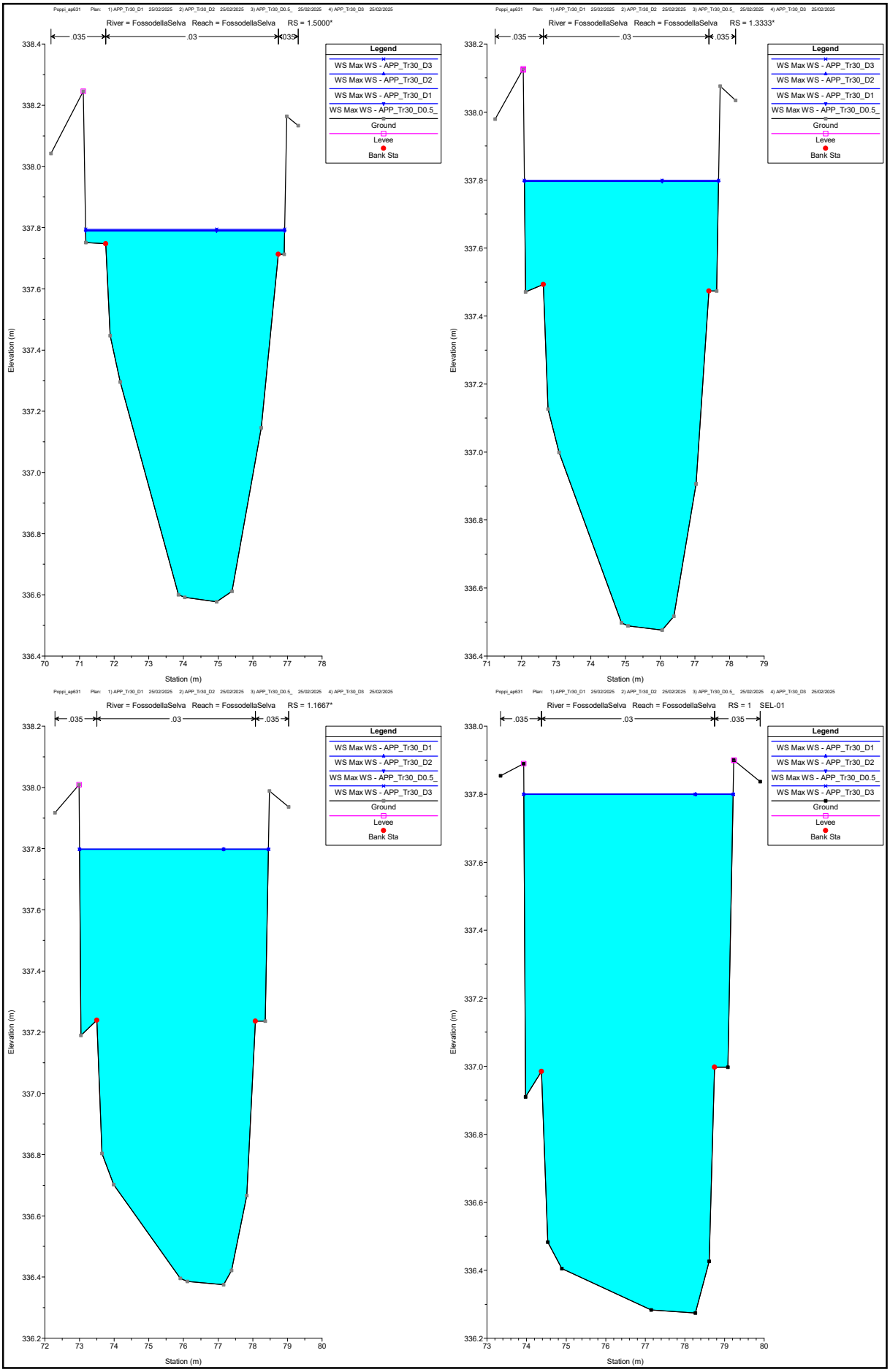
River = FossodellaSelva Reach = FossodellaSelva RS = 2.2500*
.035
.03
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = FossodellaSelva Reach = FossodellaSelva RS = 2 SEL-02
.035
.03
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = FossodellaSelva Reach = FossodellaSelva RS = 1.8333*
.035
.03
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = FossodellaSelva Reach = FossodellaSelva RS = 1.6667*
.035
.03
Legend
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D0.5_
Ground
Levee
Bank Sta
Elevation (m)
Station (m)


Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = FossodellaSelva Reach = FossodellaSelva RS = 1.5000*
.035
.03
.035
Legend
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D0.5_
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = FossodellaSelva Reach = FossodellaSelva RS = 1.3333*
.035
.03
.035
Legend
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D0.5_
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = FossodellaSelva Reach = FossodellaSelva RS = 1.1667*
.035
.03
.035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = FossodellaSelva Reach = FossodellaSelva RS = 1 SEL-01
.035
.03
.035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)

ALLEGATI

MODELLAZIONE HEC-RAS 6.3.1 "POPPI_AP631"

FOSSO DELLA SELVA

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 0.5, 1, 2 e 3h

Dati idraulici

HEC-RAS River: FossodellaSelva Reach: FossodellaSelva Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
FossodellaSelva	8	Max WS	APP_Tr30_D1	11.28	344.50	348.08		348.08	0.000019	0.23	0.08	0.12	98.53	64.67	0.04
FossodellaSelva	8	Max WS	APP_Tr30_D2	9.30	344.50	348.03		348.03	0.000014	0.19	0.07	0.10	95.36	63.77	0.04
FossodellaSelva	8	Max WS	APP_Tr30_D0.5_	9.99	344.50	348.04		348.05	0.000016	0.21	0.07	0.10	96.31	64.04	0.04
FossodellaSelva	8	Max WS	APP_Tr30_D3	7.00	344.50	347.96		347.96	0.000009	0.15	0.05	0.08	91.08	62.54	0.03
FossodellaSelva	7.99			Lat Struct											
FossodellaSelva	7.9	Max WS	APP_Tr30_D1	11.28	344.47	348.08		348.08	0.000018	0.22	0.08	0.11	100.47	65.06	0.04
FossodellaSelva	7.9	Max WS	APP_Tr30_D2	9.30	344.47	348.03		348.03	0.000014	0.19	0.07	0.10	97.30	64.26	0.04
FossodellaSelva	7.9	Max WS	APP_Tr30_D0.5_	9.98	344.47	348.04		348.05	0.000015	0.20	0.07	0.10	98.24	64.50	0.04
FossodellaSelva	7.9	Max WS	APP_Tr30_D3	7.00	344.47	347.96		347.96	0.000009	0.15	0.05	0.08	92.97	63.08	0.03
FossodellaSelva	7.5			Culvert											
FossodellaSelva	7.4	Max WS	APP_Tr30_D1	11.28	344.24	348.06		348.06	0.000013	0.19	0.07	0.10	115.28	68.51	0.03
FossodellaSelva	7.4	Max WS	APP_Tr30_D2	9.30	344.24	348.01		348.01	0.000009	0.16	0.06	0.09	111.98	67.72	0.03
FossodellaSelva	7.4	Max WS	APP_Tr30_D0.5_	9.98	344.24	348.03		348.03	0.000011	0.18	0.06	0.09	112.91	67.95	0.03
FossodellaSelva	7.4	Max WS	APP_Tr30_D3	7.00	344.24	347.95		347.95	0.000006	0.13	0.05	0.07	107.52	66.65	0.02
FossodellaSelva	7	Max WS	APP_Tr30_D1	9.94	344.04	348.06		348.06	0.000011	0.20	0.06	0.09	105.41	65.99	0.03
FossodellaSelva	7	Max WS	APP_Tr30_D2	8.35	344.04	348.01		348.01	0.000008	0.17	0.05	0.08	102.23	64.99	0.03
FossodellaSelva	7	Max WS	APP_Tr30_D0.5_	8.93	344.04	348.03		348.03	0.000010	0.18	0.05	0.08	103.12	65.27	0.03
FossodellaSelva	7	Max WS	APP_Tr30_D3	6.47	344.04	347.95		347.95	0.000006	0.14	0.04	0.06	97.96	63.63	0.02
FossodellaSelva	6.5			Culvert											
FossodellaSelva	6	Max WS	APP_Tr30_D1	9.94	342.07	343.30	343.42	343.84	0.026203	3.25			3.06	3.95	1.18
FossodellaSelva	6	Max WS	APP_Tr30_D2	8.35	342.07	343.19	343.29	343.69	0.025716	3.15			2.65	3.47	1.15
FossodellaSelva	6	Max WS	APP_Tr30_D0.5_	8.93	342.07	343.24	343.34	343.75	0.025661	3.17			2.82	3.67	1.16
FossodellaSelva	6	Max WS	APP_Tr30_D3	6.47	342.07	343.03	343.10	343.49	0.025386	3.00			2.16	2.97	1.13
FossodellaSelva	5.99			Lat Struct											
FossodellaSelva	5.98			Lat Struct											
FossodellaSelva	5.8000*	Max WS	APP_Tr30_D1	10.68	341.70	342.96	343.13	343.59	0.029032	3.53			3.03	4.04	1.30
FossodellaSelva	5.8000*	Max WS	APP_Tr30_D2	8.85	341.70	342.86	343.00	343.43	0.027884	3.36			2.64	3.62	1.26
FossodellaSelva	5.8000*	Max WS	APP_Tr30_D0.5_	9.48	341.70	342.90	343.05	343.49	0.027830	3.40			2.79	3.79	1.26
FossodellaSelva	5.8000*	Max WS	APP_Tr30_D3	6.72	341.70	342.70	342.82	343.22	0.028529	3.19			2.11	3.17	1.25
FossodellaSelva	5.6000*	Max WS	APP_Tr30_D1	10.68	341.33	342.60	342.78	343.26	0.029847	3.59			2.98	4.05	1.34
FossodellaSelva	5.6000*	Max WS	APP_Tr30_D2	8.85	341.33	342.50	342.66	343.09	0.028908	3.41			2.60	3.71	1.30
FossodellaSelva	5.6000*	Max WS	APP_Tr30_D0.5_	9.48	341.33	342.54	342.70	343.15	0.028960	3.46			2.74	3.84	1.31
FossodellaSelva	5.6000*	Max WS	APP_Tr30_D3	6.72	341.33	342.35	342.49	342.89	0.029768	3.25			2.07	3.22	1.29
FossodellaSelva	5.4000*	Max WS	APP_Tr30_D1	10.68	340.96	342.23	342.43	342.91	0.029829	3.63			2.94	3.98	1.35
FossodellaSelva	5.4000*	Max WS	APP_Tr30_D2	8.85	340.96	342.14	342.31	342.74	0.028705	3.42			2.58	3.70	1.31
FossodellaSelva	5.4000*	Max WS	APP_Tr30_D0.5_	9.48	340.96	342.17	342.34	342.80	0.029088	3.50			2.71	3.80	1.32
FossodellaSelva	5.4000*	Max WS	APP_Tr30_D3	6.72	340.96	341.99	342.14	342.54	0.030324	3.29			2.04	3.24	1.32
FossodellaSelva	5.2000*	Max WS	APP_Tr30_D1	11.21	340.59	341.88	342.08	342.61	0.029318	3.78			2.96	3.85	1.38
FossodellaSelva	5.2000*	Max WS	APP_Tr30_D2	9.29	340.59	341.79	341.95	342.42	0.027746	3.54			2.62	3.62	1.33
FossodellaSelva	5.2000*	Max WS	APP_Tr30_D0.5_	9.94	340.59	341.82	342.00	342.49	0.028505	3.63			2.74	3.70	1.35
FossodellaSelva	5.2000*	Max WS	APP_Tr30_D3	7.00	340.59	341.64	341.78	342.20	0.027919	3.31			2.11	3.25	1.31
FossodellaSelva	5	Max WS	APP_Tr30_D1	11.16	340.22	341.58	341.70	342.12	0.019266	3.31		1.03	3.72	5.57	1.11
FossodellaSelva	5	Max WS	APP_Tr30_D2	9.29	340.22	341.50	341.60	341.97	0.018661	3.11		0.78	3.24	5.48	1.08
FossodellaSelva	5	Max WS	APP_Tr30_D0.5_	9.92	340.22	341.52	341.64	342.03	0.019212	3.20		0.87	3.38	5.51	1.10
FossodellaSelva	5	Max WS	APP_Tr30_D3	7.00	340.22	341.36	341.45	341.78	0.018719	2.87			2.44	3.29	1.07
FossodellaSelva	4.99			Lat Struct											
FossodellaSelva	4.98			Lat Struct											
FossodellaSelva	4.7500*	Max WS	APP_Tr30_D1	9.57	339.96	341.40	341.37	341.73	0.010076	2.60		0.81	4.05	5.73	0.84
FossodellaSelva	4.7500*	Max WS	APP_Tr30_D2	8.64	339.96	341.31	341.31	341.66	0.011401	2.64		0.66	3.53	5.64	0.89
FossodellaSelva	4.7500*	Max WS	APP_Tr30_D0.5_	8.94	339.96	341.34	341.33	341.68	0.011167	2.65		0.71	3.67	5.67	0.88
FossodellaSelva	4.7500*	Max WS	APP_Tr30_D3	7.00	339.96	341.16	341.13	341.51	0.013603	2.63		0.16	2.66	3.52	0.95
FossodellaSelva	4.5000*	Max WS	APP_Tr30_D1	8.74	339.71	341.31		341.49	0.004742	1.94		0.73	5.09	6.33	0.59
FossodellaSelva	4.5000*	Max WS	APP_Tr30_D2	8.02	339.71	341.21		341.40	0.005603	2.01		0.65	4.44	6.24	0.63
FossodellaSelva	4.5000*	Max WS	APP_Tr30_D0.5_	8.18	339.71	341.24		341.43	0.005311	1.98		0.67	4.61	6.26	0.62
FossodellaSelva	4.5000*	Max WS	APP_Tr30_D3	7.00	339.71	341.02	340.87	341.27	0.008256	2.23		0.36	3.31	6.08	0.75
FossodellaSelva	4.2500*	Max WS	APP_Tr30_D1	8.40	339.46	341.33		341.41	0.001836	1.39		0.64	7.02	6.99	0.38
FossodellaSelva	4.2500*	Max WS	APP_Tr30_D2	7.76	339.46	341.20		341.30	0.002195	1.45		0.61	6.15	6.89	0.42
FossodellaSelva	4.2500*	Max WS	APP_Tr30_D0.5_	7.91	339.46	341.23		341.33	0.002087	1.43		0.62	6.37	6.91	0.41
FossodellaSelva	4.2500*	Max WS	APP_Tr30_D3	6.89	339.46	340.95		341.10	0.003816	1.73		0.50	4.44	6.68	0.54
FossodellaSelva	4	Max WS	APP_Tr30_D1	11.04	339.21	341.25	340.71	341.35	0.001957	1.51		0.79	8.48	7.55	0.40
FossodellaSelva	4	Max WS	APP_Tr30_D2	9.27	339.21	341.16	340.50	341.25	0.001690	1.37		0.68	7.86	7.48	0.37
FossodellaSelva	4	Max WS	APP_Tr30_D0.5_	9.71	339.21	341.18	340.54	341.27	0.001761	1.41		0.71	8.01	7.50	0.38
FossodellaSelva	4	Max WS	APP_Tr30_D3	6.99	339.21	340.95	340.32	341.03	0.001700	1.28		0.54	6.30	7.32	0.36
FossodellaSelva	3.5			Bridge											
FossodellaSelva	3	Max WS	APP_Tr30_D1	11.04	337.27	338.48	338.49	338.89	0.011731	2.83			3.90	4.82	1.01
FossodellaSelva	3	Max WS	APP_Tr30_D2	9.27	337.27	338.38	338.38	338.75	0.011590	2.69			3.44	4.58	0.99
FossodellaSelva	3	Max WS	APP_Tr30_D0.5_	9.71	337.27	338.41	338.40	338.79	0.011641	2.73			3.56	4.64	1.00
FossodellaSelva	3	Max WS	APP_Tr30_D3	6.99	337.27	338.24	338.23	338.55	0.011477	2.49			2.81	4.22	0.97
FossodellaSelva	2.99			Lat Struct											
FossodellaSelva	2.98			Lat Struct											
FossodellaSelva	2.7500*	Max WS	APP_Tr30_D1	11.04	337.18	338.38	338.40	338.81	0.012312	2.89			3.82	4.73	1.03
FossodellaSelva	2.7500*	Max WS	APP_Tr30_D2	9.27	337.18	338.28	338.29	338.67	0.012113	2.75			3.37	4.49	1.01
FossodellaSelva	2.7500*	Max WS	APP_Tr30_D0.5_	9.71	337.18	338.31	338.32	338.70	0.012177	2.79			3.49	4.56	1.02
FossodellaSelva	2.7500*	Max WS	APP_Tr30_D3	6.99	337.18	338.14	338.13	338.47	0.011893	2.53			2.76	4.14	0.99
FossodellaSelva	2.5000*	Max WS	APP_Tr30_D1	11.04	337.08	338.27	338.31	338.72	0.013085	2.96			3.73	4.65	1.06
FossodellaSelva	2.5000*	Max WS	APP_Tr30_D2	9.27	337.08	338.18	338.20	338.58	0.012798	2.81			3.30	4.42	1.04
FossodellaSelva	2.5000*	Max WS	APP_Tr30_D0.5_	9.71	337.08	338.20	338.22	338.62	0.012874	2.85			3.41	4.48	1.04
FossodellaSelva	2.5000*	Max WS	APP_Tr30_D3	6.99	337.08	338.04	338.04	338.38	0.012431	2.58			2.71	4.07	1.01
FossodellaSelva	2.2500*	Max WS	APP_Tr30_D1	11.04	336.98	338.16	338.22	338.63	0.014185	3.05			3.62	4.58	1.10
FossodellaSelva	2.2500*	Max WS	APP_Tr30_D2	9.27	336.98	338.07	338.11	338.49	0.013792	2.88			3.21	4.35	1.07
FossodellaSelva	2.2500*	Max WS	APP_Tr30_D0.5_	9.71	336.98	338.09	338.13	338.53	0.013908	2.93			3.32	4.41	1.08
FossodellaSelva	2.2500*	Max WS	APP_Tr30_D3	6.99	336.98	337.93	337.95	338.29	0.013254	2.64			2.65	4.01	1.04
FossodellaSelva	2	Max WS	APP_Tr30_D1	11.04	336.88	338.03	338.12	338.54	0.015896	3.17			3.48	4.50	1.15

HEC-RAS River: FossodellaSelva Reach: FossodellaSelva Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
FossodellaSelva	2	Max WS	APP_Tr30_D2	9.27	336.88	337.94	338.01	338.40	0.015372	3.00			3.09	4.28	1.12
FossodellaSelva	2	Max WS	APP_Tr30_D0.5_	9.71	336.88	337.97	338.04	338.44	0.015511	3.04			3.19	4.34	1.13
FossodellaSelva	2	Max WS	APP_Tr30_D3	5.00	336.88	337.84		338.02	0.006770	1.88			2.66	4.01	0.74
FossodellaSelva	1.8333*	Max WS	APP_Tr30_D1	11.04	336.78	337.89	337.99	338.42	0.016756	3.21			3.43	4.64	1.19
FossodellaSelva	1.8333*	Max WS	APP_Tr30_D2	9.27	336.78	337.81	337.89	338.27	0.016199	3.03			3.06	4.42	1.16
FossodellaSelva	1.8333*	Max WS	APP_Tr30_D0.5_	9.71	336.78	337.83	337.92	338.31	0.016326	3.08			3.16	4.48	1.17
FossodellaSelva	1.8333*	Max WS	APP_Tr30_D3	5.00	336.78	337.80		337.94	0.004868	1.65			3.02	4.40	0.64
FossodellaSelva	1.6667*	Max WS	APP_Tr30_D1	5.00	336.68	337.79		337.88	0.003070	1.39			3.61	4.90	0.52
FossodellaSelva	1.6667*	Max WS	APP_Tr30_D2	5.00	336.68	337.79		337.88	0.003052	1.38			3.62	4.90	0.51
FossodellaSelva	1.6667*	Max WS	APP_Tr30_D0.5_	5.00	336.68	337.79		337.88	0.003073	1.39			3.61	4.90	0.52
FossodellaSelva	1.6667*	Max WS	APP_Tr30_D3	5.00	336.68	337.79		337.89	0.003023	1.38			3.63	4.90	0.51
FossodellaSelva	1.5000*	Max WS	APP_Tr30_D1	5.00	336.58	337.79		337.86	0.001708	1.14	0.14	0.17	4.40	5.74	0.39
FossodellaSelva	1.5000*	Max WS	APP_Tr30_D2	5.00	336.58	337.79		337.86	0.001698	1.14	0.14	0.17	4.41	5.74	0.39
FossodellaSelva	1.5000*	Max WS	APP_Tr30_D0.5_	5.00	336.58	337.79		337.86	0.001712	1.14	0.13	0.17	4.40	5.74	0.39
FossodellaSelva	1.5000*	Max WS	APP_Tr30_D3	5.00	336.58	337.79		337.86	0.001680	1.14	0.14	0.17	4.43	5.74	0.39
FossodellaSelva	1.3333*	Max WS	APP_Tr30_D1	5.01	336.48	337.80		337.84	0.000951	0.97	0.30	0.25	5.34	5.61	0.30
FossodellaSelva	1.3333*	Max WS	APP_Tr30_D2	5.02	336.48	337.80		337.84	0.000952	0.97	0.30	0.25	5.34	5.61	0.30
FossodellaSelva	1.3333*	Max WS	APP_Tr30_D0.5_	5.00	336.48	337.80		337.84	0.000950	0.97	0.30	0.25	5.33	5.61	0.30
FossodellaSelva	1.3333*	Max WS	APP_Tr30_D3	5.04	336.48	337.80		337.85	0.000954	0.97	0.30	0.25	5.35	5.61	0.30
FossodellaSelva	1.1667*	Max WS	APP_Tr30_D1	5.09	336.38	337.80		337.84	0.000623	0.87	0.29	0.26	6.18	5.45	0.25
FossodellaSelva	1.1667*	Max WS	APP_Tr30_D2	5.14	336.38	337.80		337.84	0.000634	0.88	0.29	0.26	6.18	5.45	0.25
FossodellaSelva	1.1667*	Max WS	APP_Tr30_D0.5_	5.08	336.38	337.80		337.83	0.000619	0.87	0.29	0.26	6.18	5.45	0.25
FossodellaSelva	1.1667*	Max WS	APP_Tr30_D3	5.21	336.38	337.80		337.84	0.000651	0.89	0.30	0.26	6.18	5.45	0.25
FossodellaSelva	1	Max WS	APP_Tr30_D1	5.09	336.27	337.80	336.88	337.83	0.000431	0.78	0.25	0.26	6.97	5.29	0.21
FossodellaSelva	1	Max WS	APP_Tr30_D2	5.14	336.27	337.80	336.87	337.83	0.000439	0.79	0.26	0.26	6.97	5.29	0.21
FossodellaSelva	1	Max WS	APP_Tr30_D0.5_	5.07	336.27	337.80	336.88	337.83	0.000428	0.78	0.25	0.25	6.97	5.29	0.21
FossodellaSelva	1	Max WS	APP_Tr30_D3	5.21	336.27	337.80	336.88	337.83	0.000451	0.80	0.26	0.26	6.97	5.29	0.21

ALLEGATI

MODELLAZIONE HEC-RAS 6.3.1 "POPPI_AP631"

SOVA

MODELLAZIONE PER TR=30 e 200 ANNI

DURATA DI PIOGGIA: 0.5, 1, 2 e 3h

Profilo longitudinale

Sezioni Trasversali

Dati idraulici

ALLEGATI

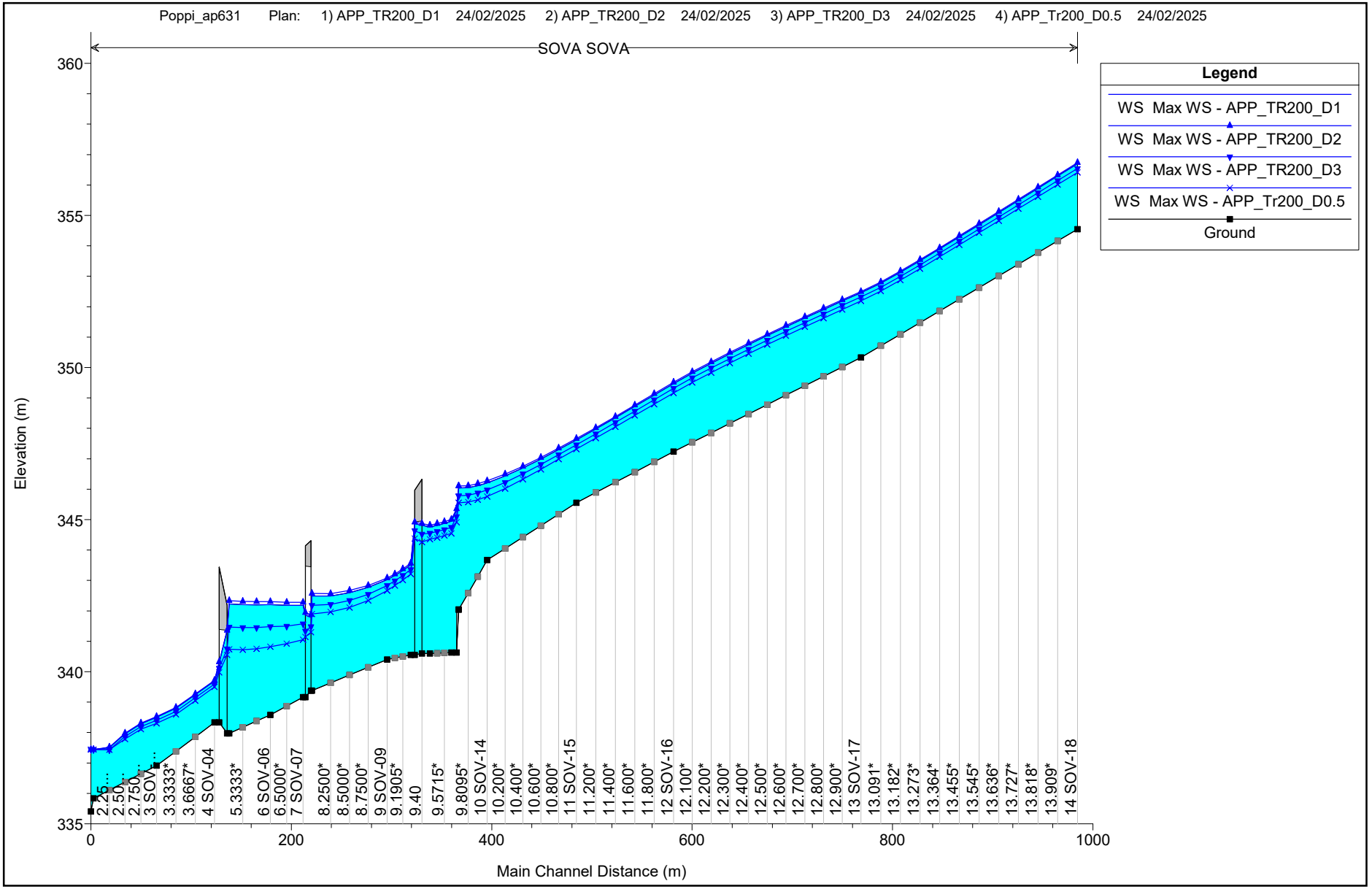
MODELLAZIONE HEC-RAS 6.3.1 "POPPI_AP631"

SOVA

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 0.5, 1, 2 e 3h

Profilo longitudinale


Poppi_ap631 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
SOVA SOVA
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_Tr200_D0.5
Ground
Elevation (m)
Main Channel Distance (m)
360
355
350
345
340
335
0
200
400
600
800
1000
2.25...
2.50...
2.750...
3 SOV...
3.3333*
3.6667*
4 SOV-04
5.3333*
6 SOV-06
6.5000*
7 SOV-07
8.2500*
8.5000*
8.7500*
9 SOV-09
9.1905*
9.40
9.5715*
9.8095*
10 SOV-14
10.200*
10.400*
10.600*
10.800*
11 SOV-15
11.200*
11.400*
11.600*
11.800*
12 SOV-16
12.100*
12.200*
12.300*
12.400*
12.500*
12.600*
12.700*
12.800*
12.900*
13 SOV-17
13.091*
13.182*
13.273*
13.364*
13.455*
13.545*
13.636*
13.727*
13.818*
13.909*
14 SOV-18

ALLEGATI

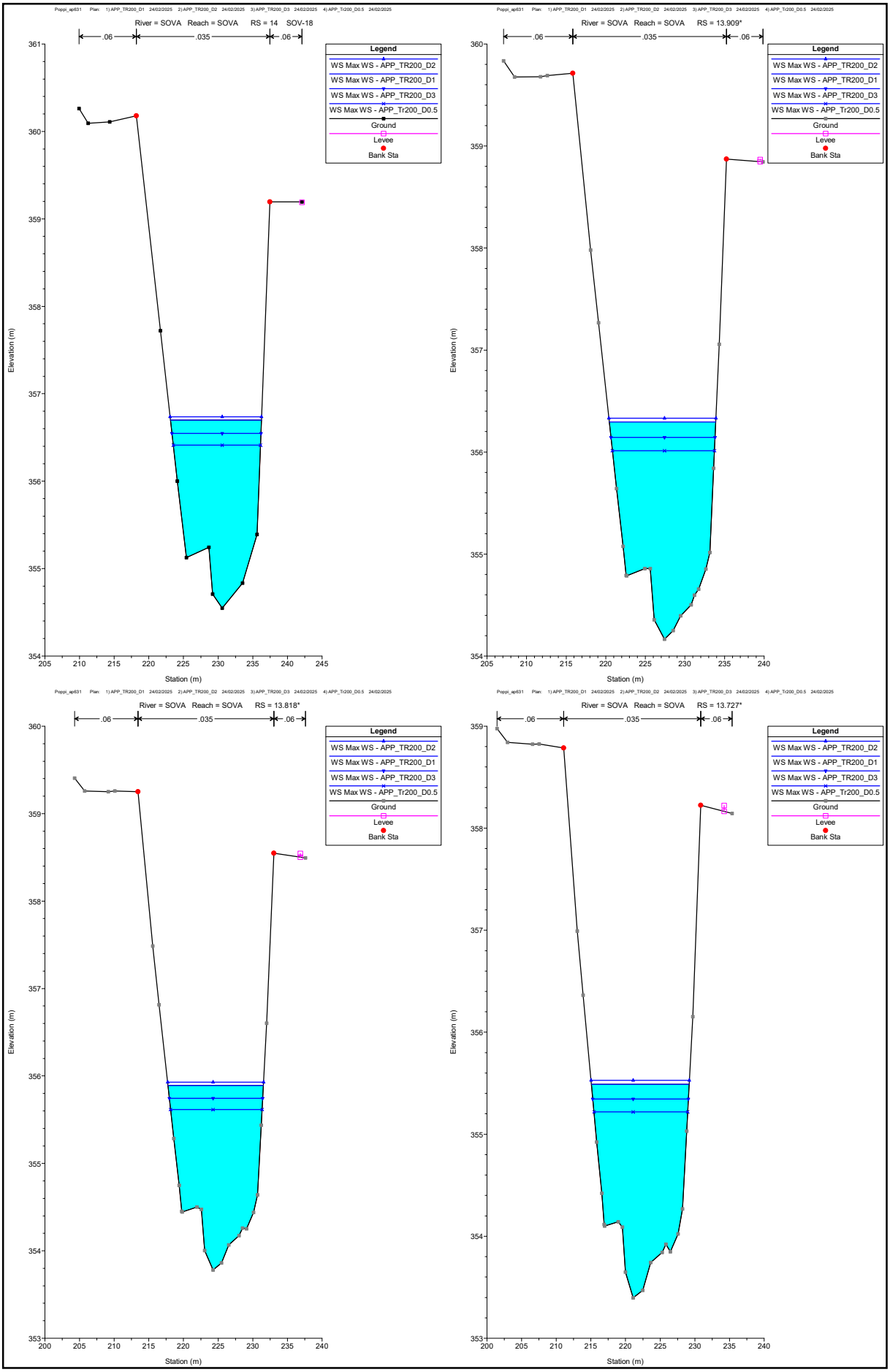
MODELLAZIONE HEC-RAS 6.3.1 "POPPI_AP631"

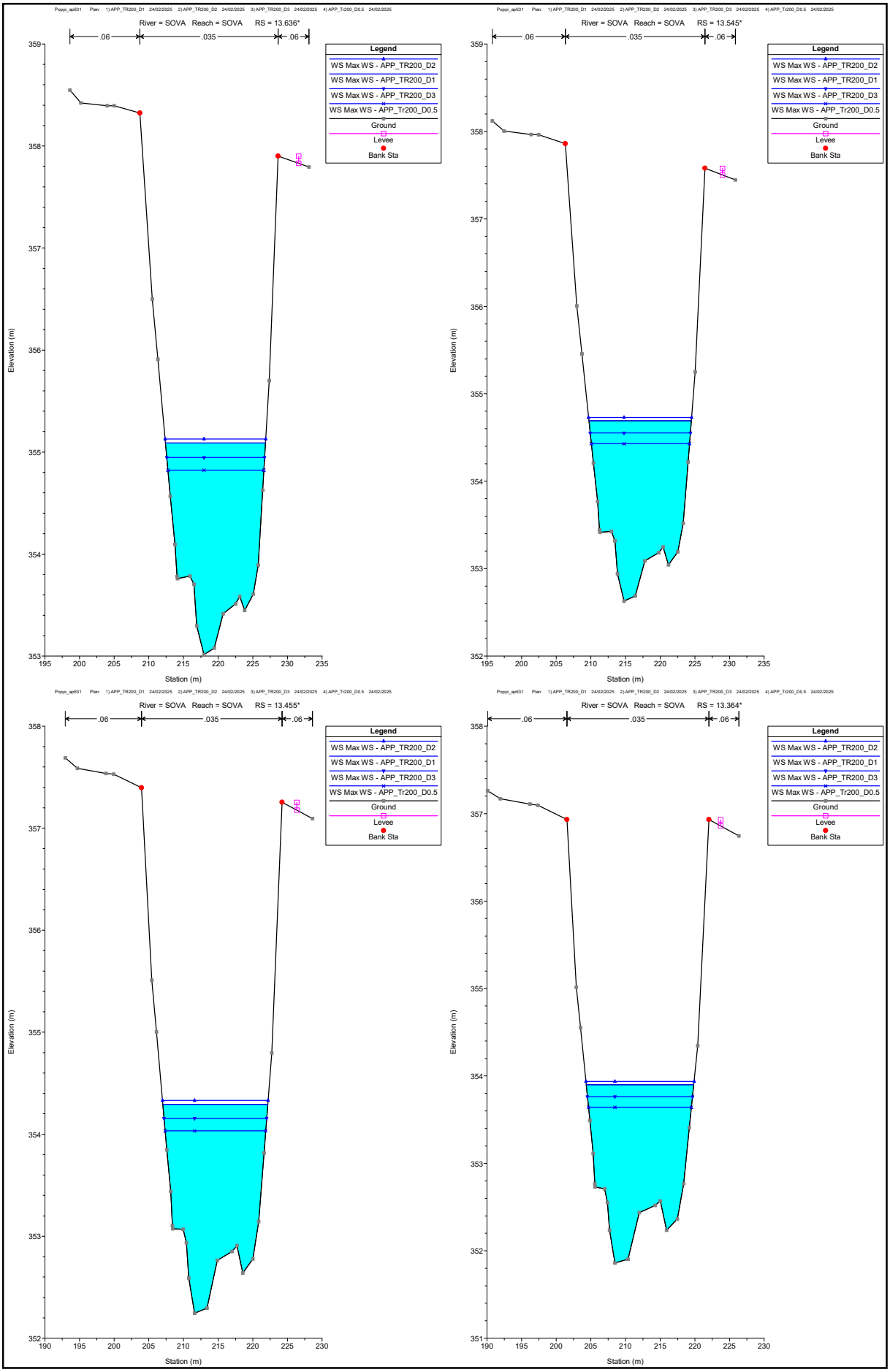
SOVA

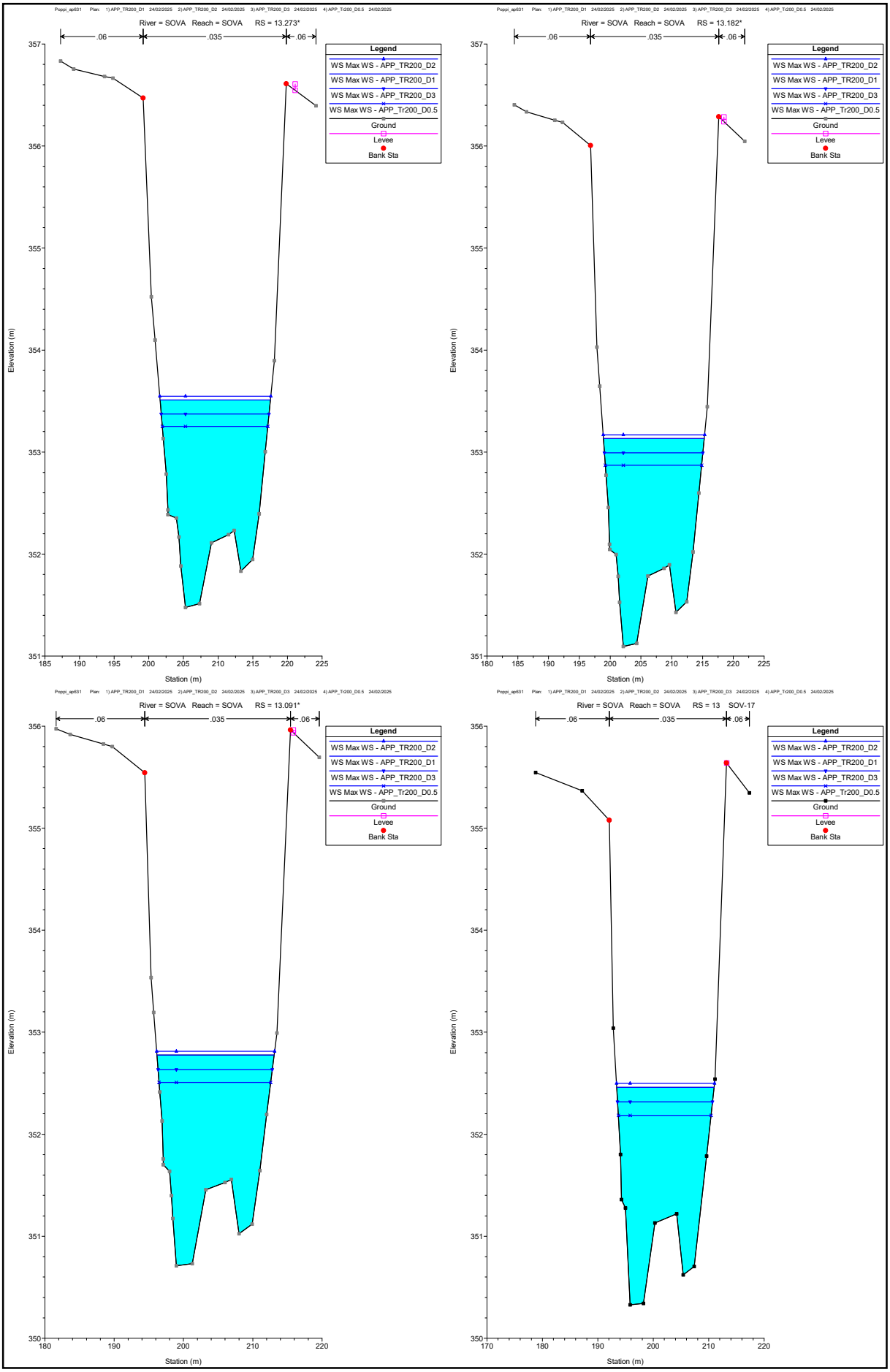
MODELLAZIONE PER TR= 200 anni

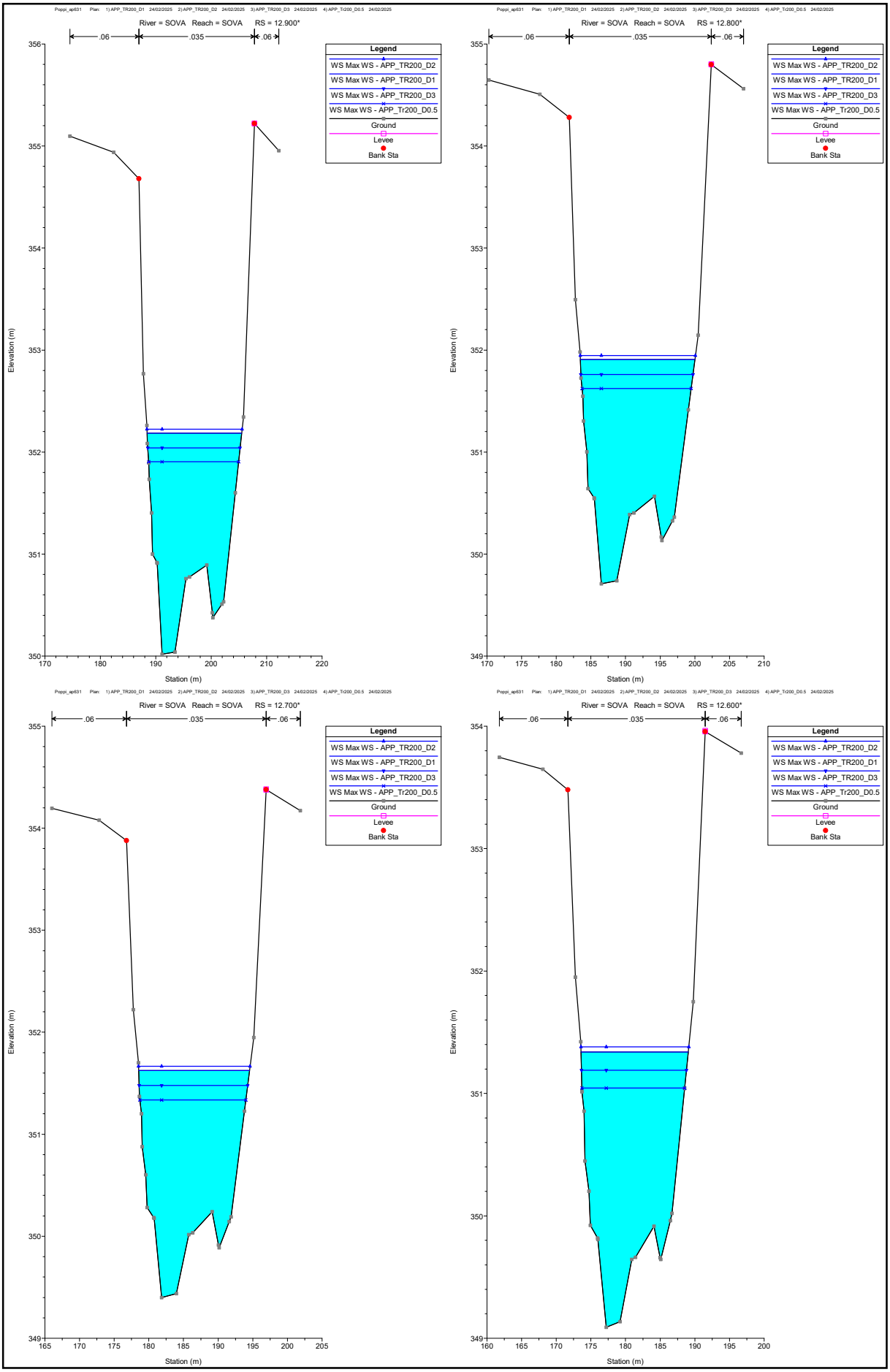
DURATE DI PIOGGIA: 0.5, 1, 2 e 3h

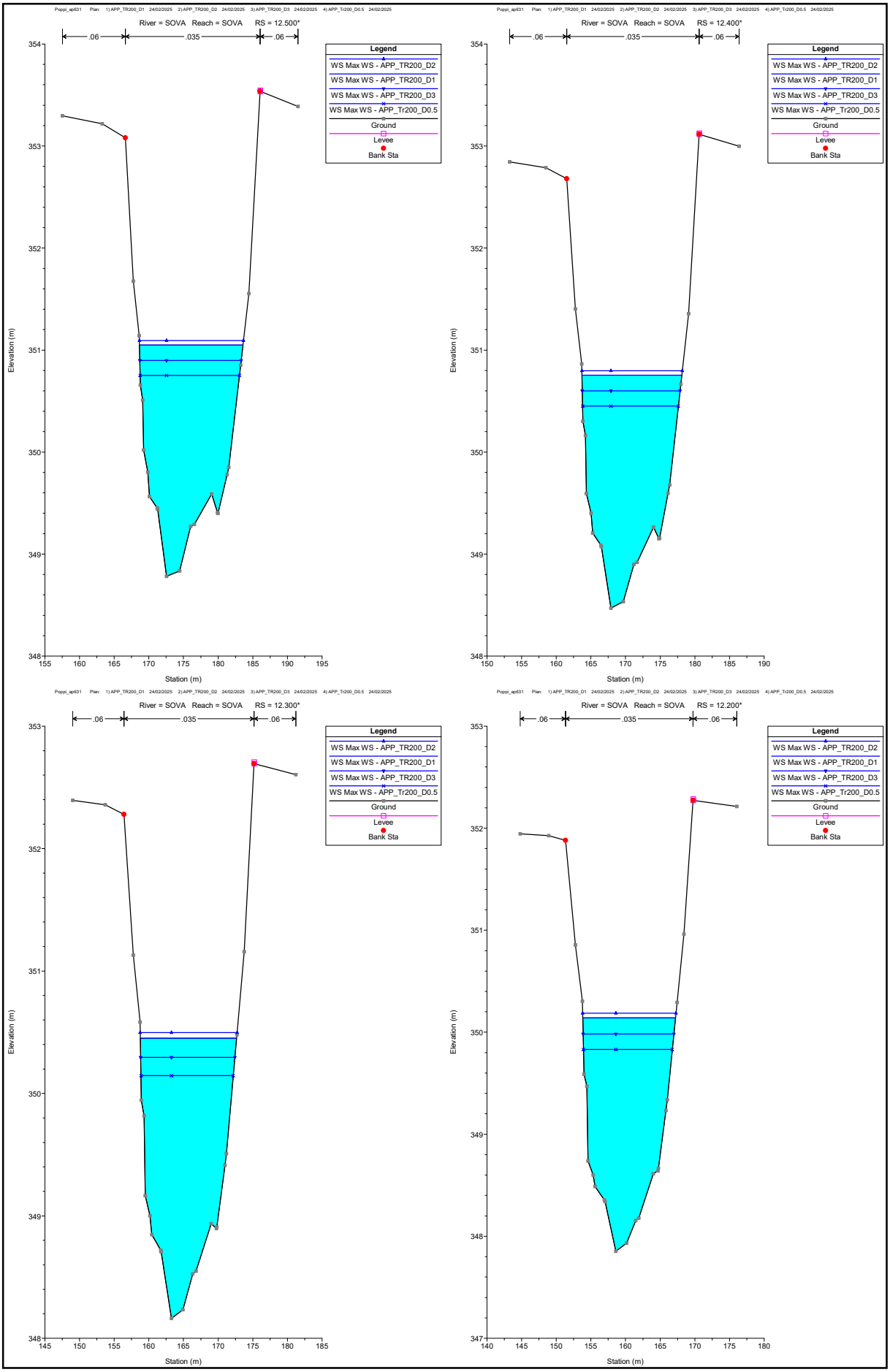
Sezioni Trasversali (da monte verso valle)

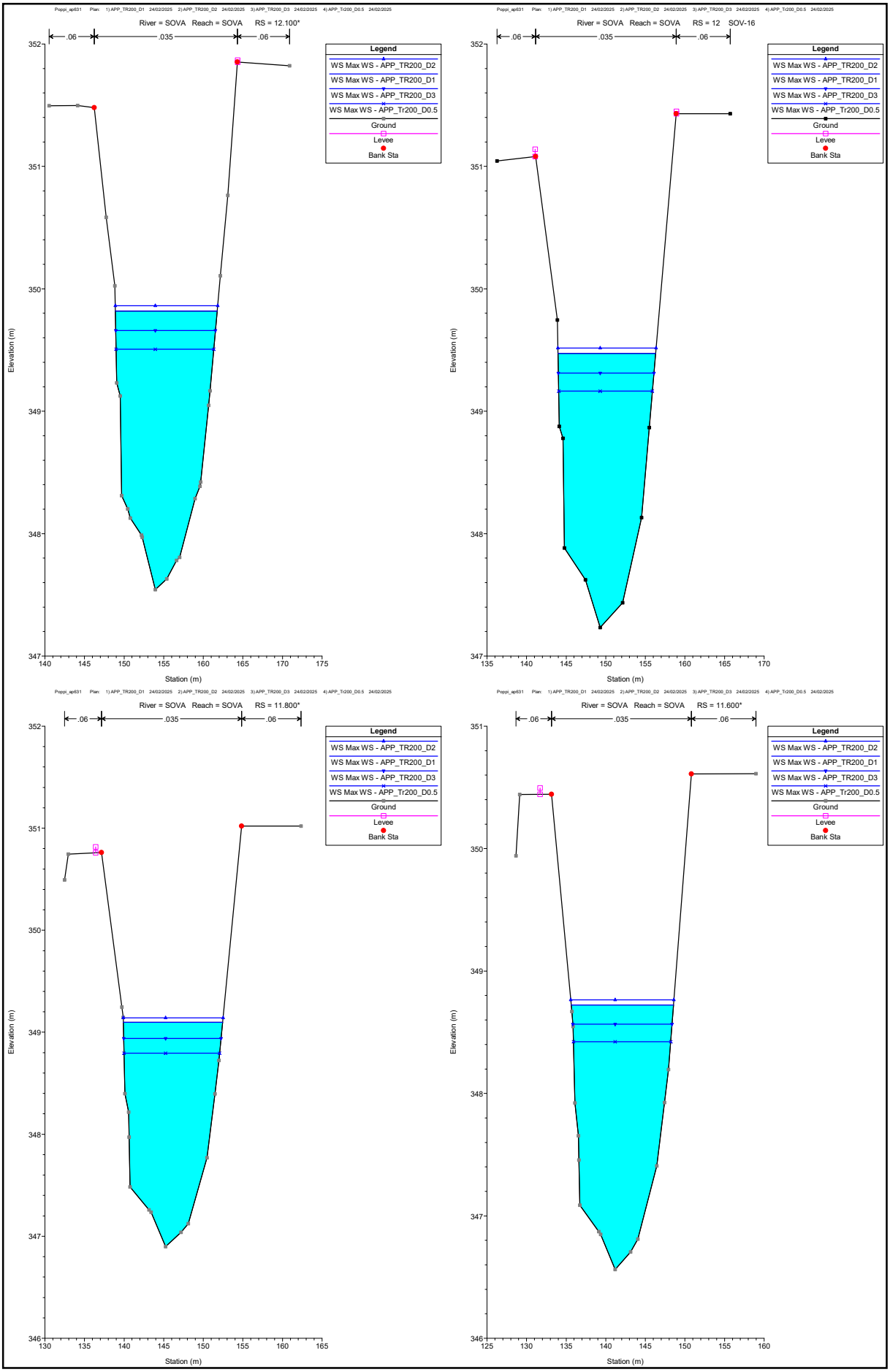

River = SOVA Reach = SOVA RS = 14 SOV-18
.06
.035
.06
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D3
WS Max WS - APP_Tr200_D0.5
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
River = SOVA Reach = SOVA RS = 13.909*
River = SOVA Reach = SOVA RS = 13.818*
River = SOVA Reach = SOVA RS = 13.727*

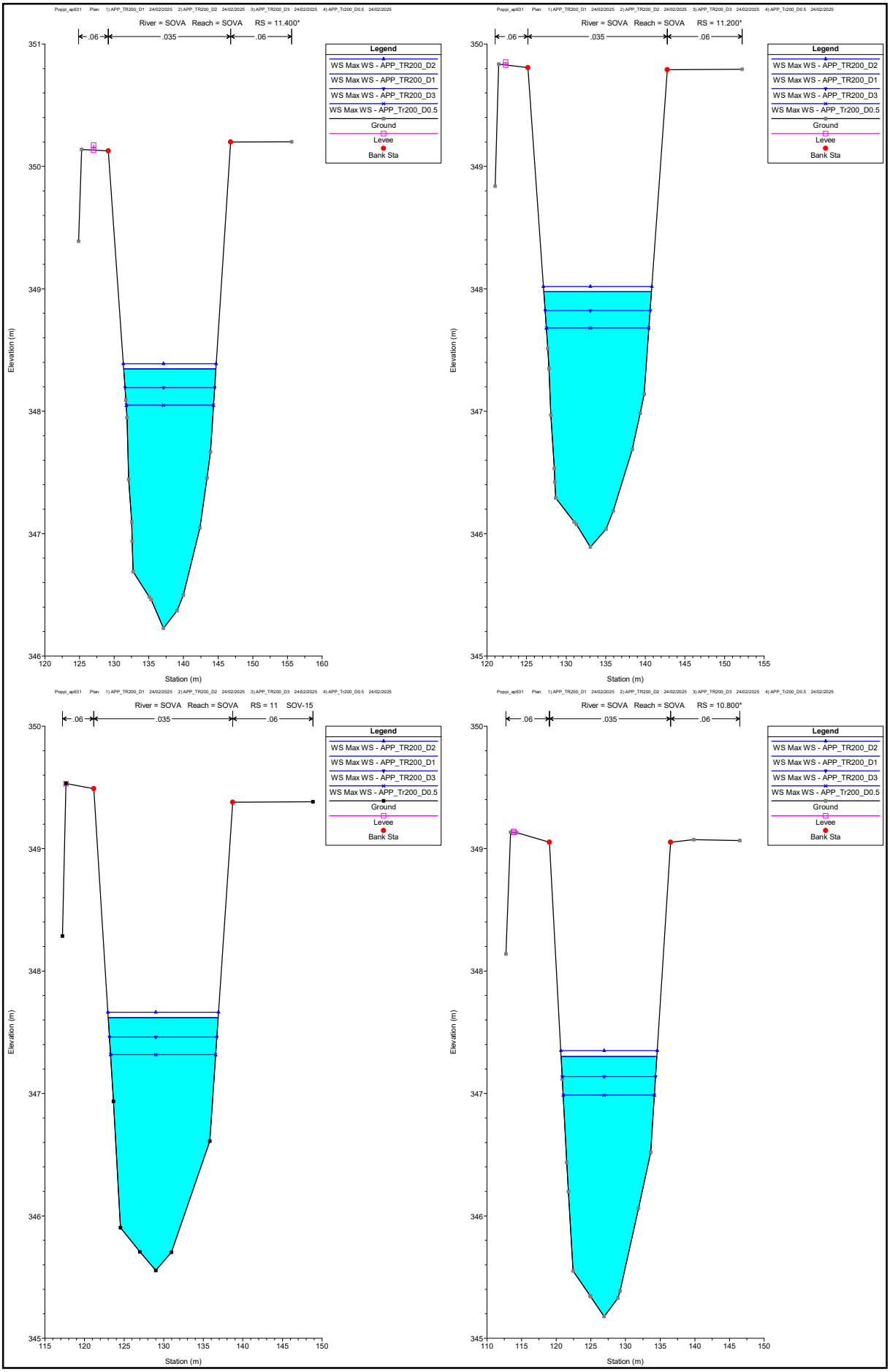

River = SOVA Reach = SOVA RS = 13.636*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D3
WS Max WS - APP_Tr200_D0.5
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
River = SOVA Reach = SOVA RS = 13.545*
River = SOVA Reach = SOVA RS = 13.455*
River = SOVA Reach = SOVA RS = 13.364*

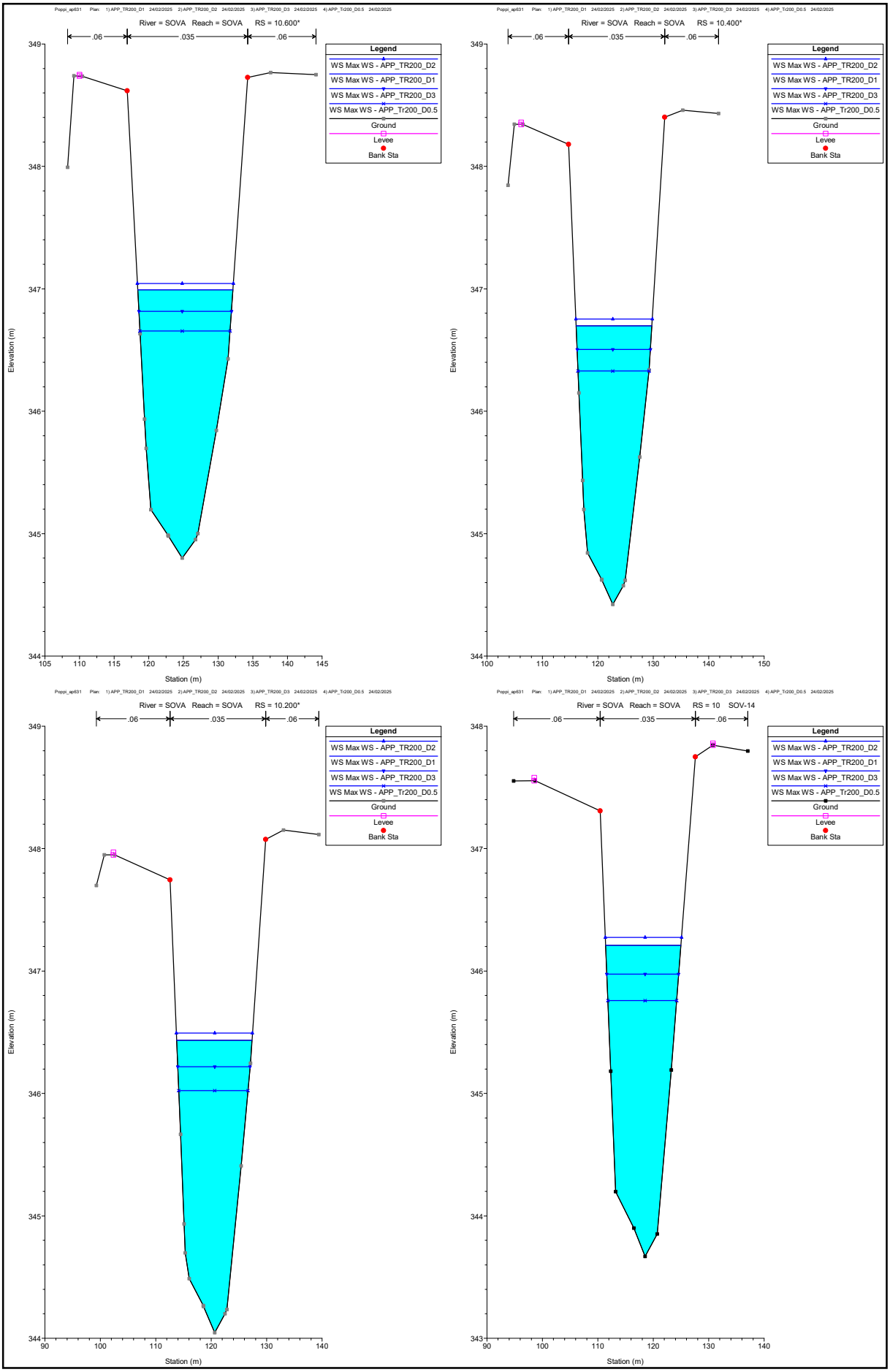

River = SOVA Reach = SOVA RS = 13.273*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D3
WS Max WS - APP_Tr200_D0.5
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
River = SOVA Reach = SOVA RS = 13.182*
River = SOVA Reach = SOVA RS = 13.091*
River = SOVA Reach = SOVA RS = 13 SOV-17

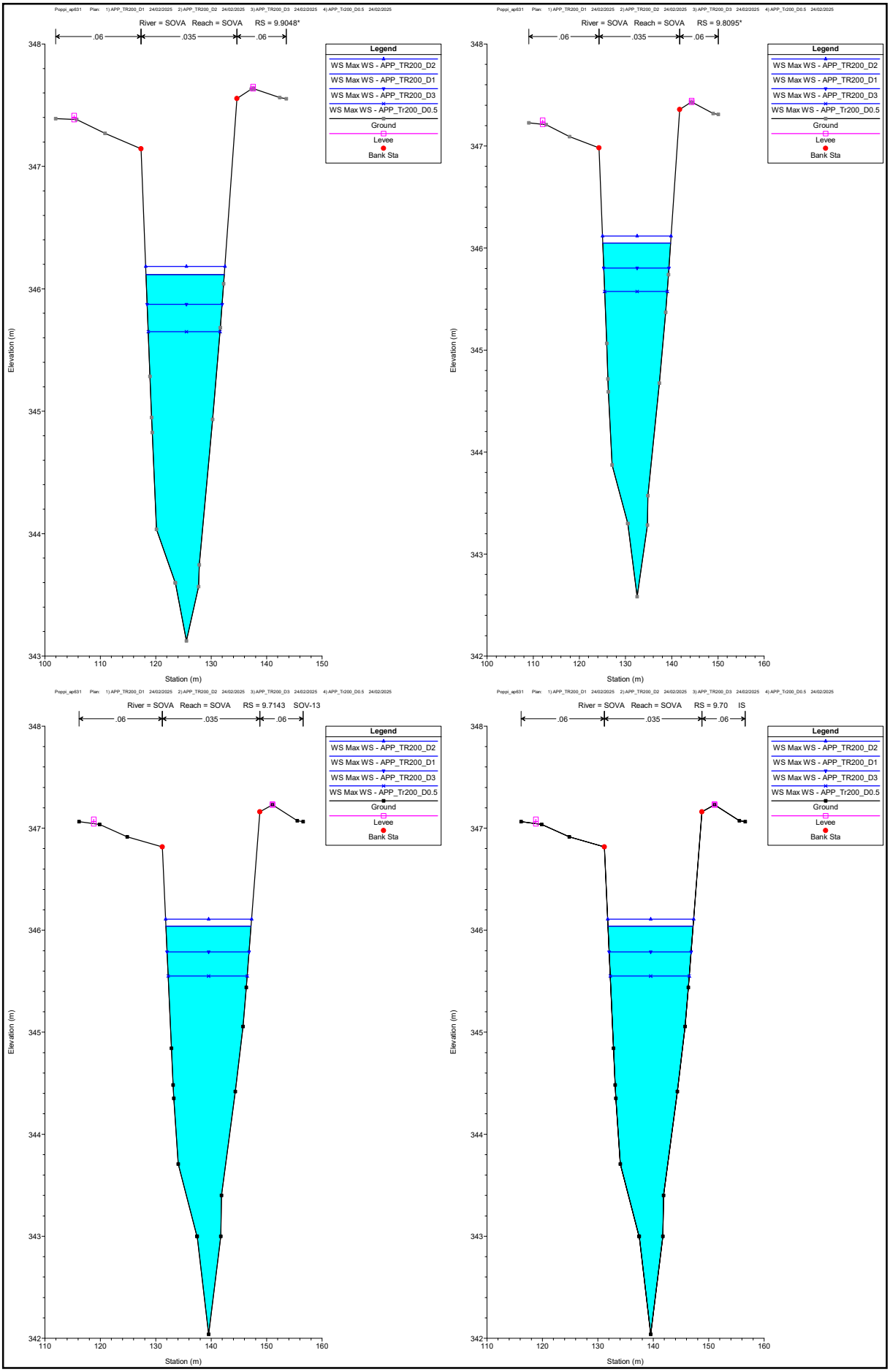

Poppi_ap631 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = SOVA Reach = SOVA RS = 12.900*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D3
WS Max WS - APP_Tr200_D0.5
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = SOVA Reach = SOVA RS = 12.800*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D3
WS Max WS - APP_Tr200_D0.5
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = SOVA Reach = SOVA RS = 12.700*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D3
WS Max WS - APP_Tr200_D0.5
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = SOVA Reach = SOVA RS = 12.600*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D3
WS Max WS - APP_Tr200_D0.5
Ground
Levee
Bank Sta
Elevation (m)
Station (m)

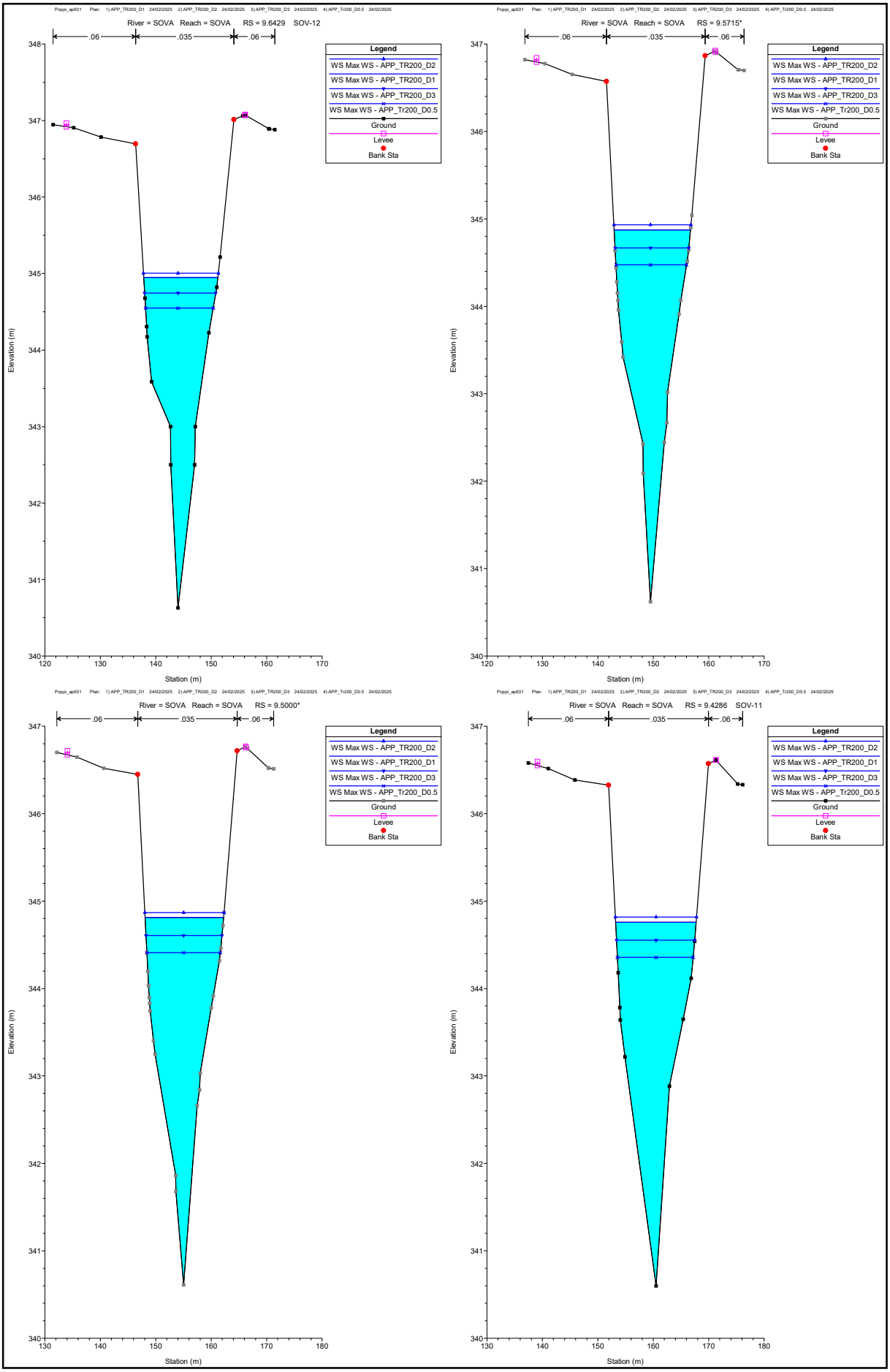

River = SOVA Reach = SOVA RS = 12.500*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D3
WS Max WS - APP_Tr200_D0.5
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
River = SOVA Reach = SOVA RS = 12.400*
River = SOVA Reach = SOVA RS = 12.300*
River = SOVA Reach = SOVA RS = 12.200*

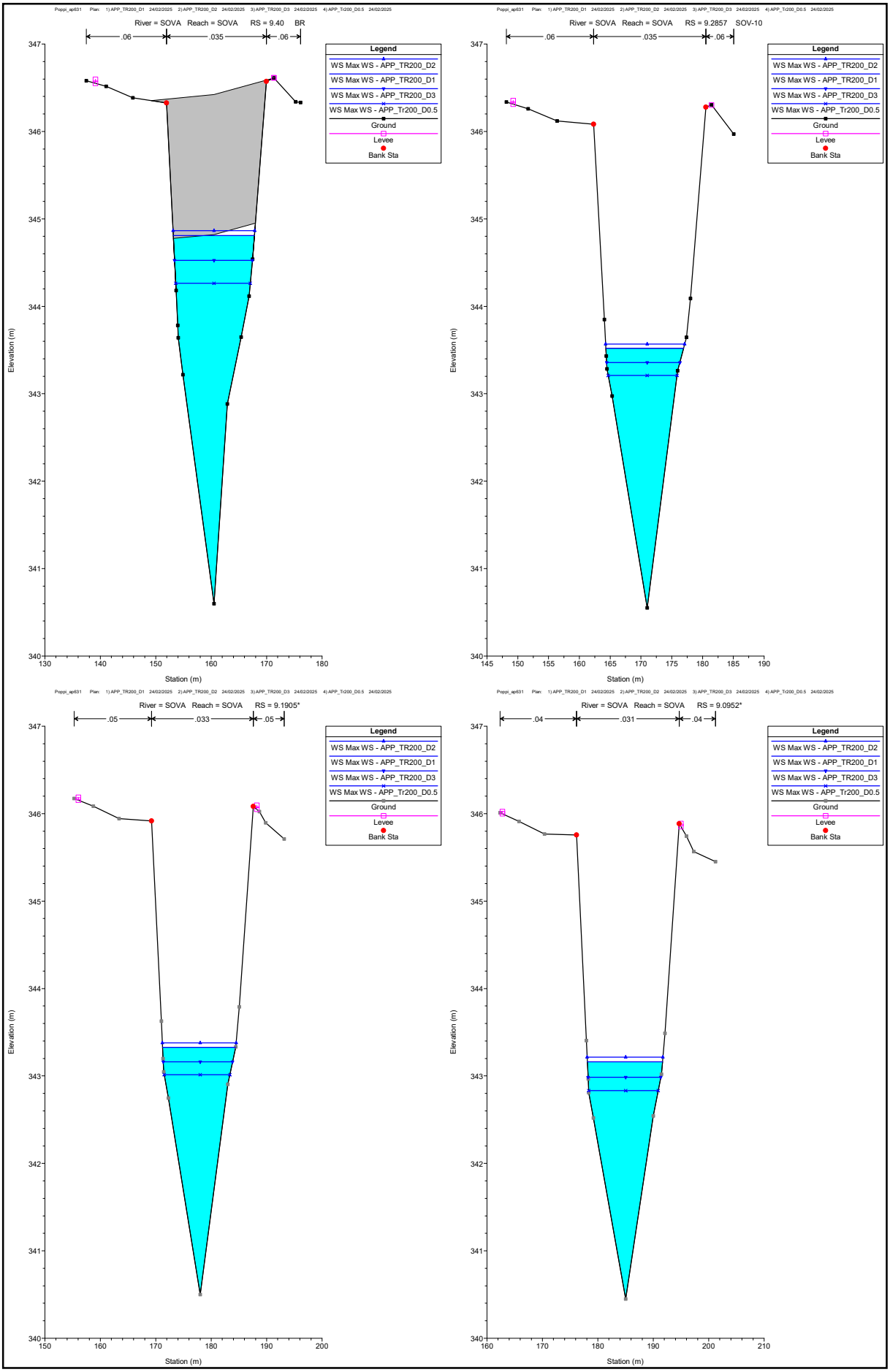

Poppi_ap631 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = SOVA Reach = SOVA RS = 12.100*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D3
WS Max WS - APP_Tr200_D0.5
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = SOVA Reach = SOVA RS = 12 SOV-16
.06
.035
.06
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D3
WS Max WS - APP_Tr200_D0.5
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = SOVA Reach = SOVA RS = 11.800*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D3
WS Max WS - APP_Tr200_D0.5
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = SOVA Reach = SOVA RS = 11.600*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D3
WS Max WS - APP_Tr200_D0.5
Ground
Levee
Bank Sta
Elevation (m)
Station (m)

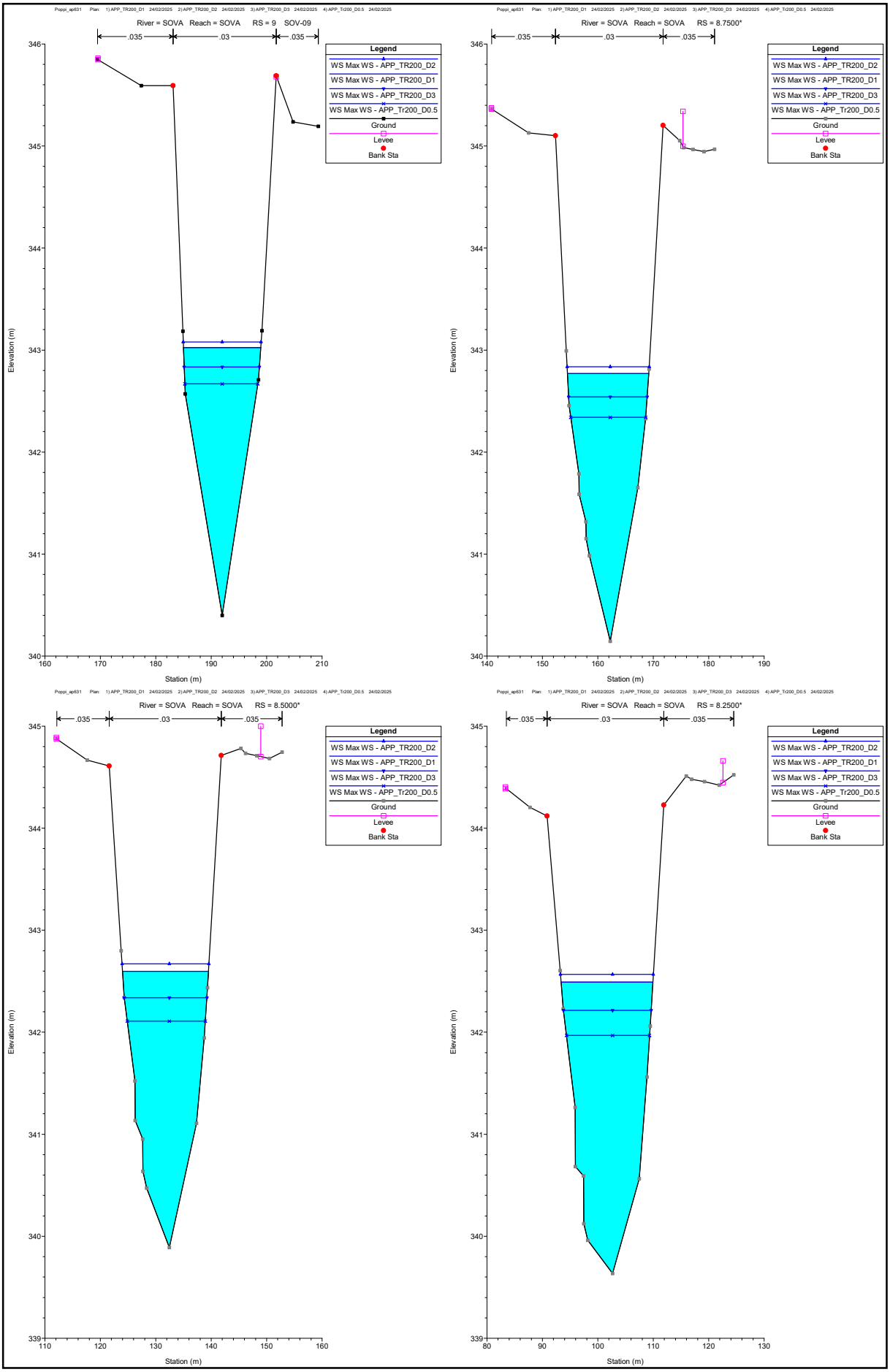

Poppi_ap631 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = SOVA Reach = SOVA RS = 11.400*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D3
WS Max WS - APP_Tr200_D0.5
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = SOVA Reach = SOVA RS = 11.200*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D3
WS Max WS - APP_Tr200_D0.5
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = SOVA Reach = SOVA RS = 11 SOV-15
.06
.035
.06
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D3
WS Max WS - APP_Tr200_D0.5
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = SOVA Reach = SOVA RS = 10.800*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D3
WS Max WS - APP_Tr200_D0.5
Ground
Levee
Bank Sta
Elevation (m)
Station (m)

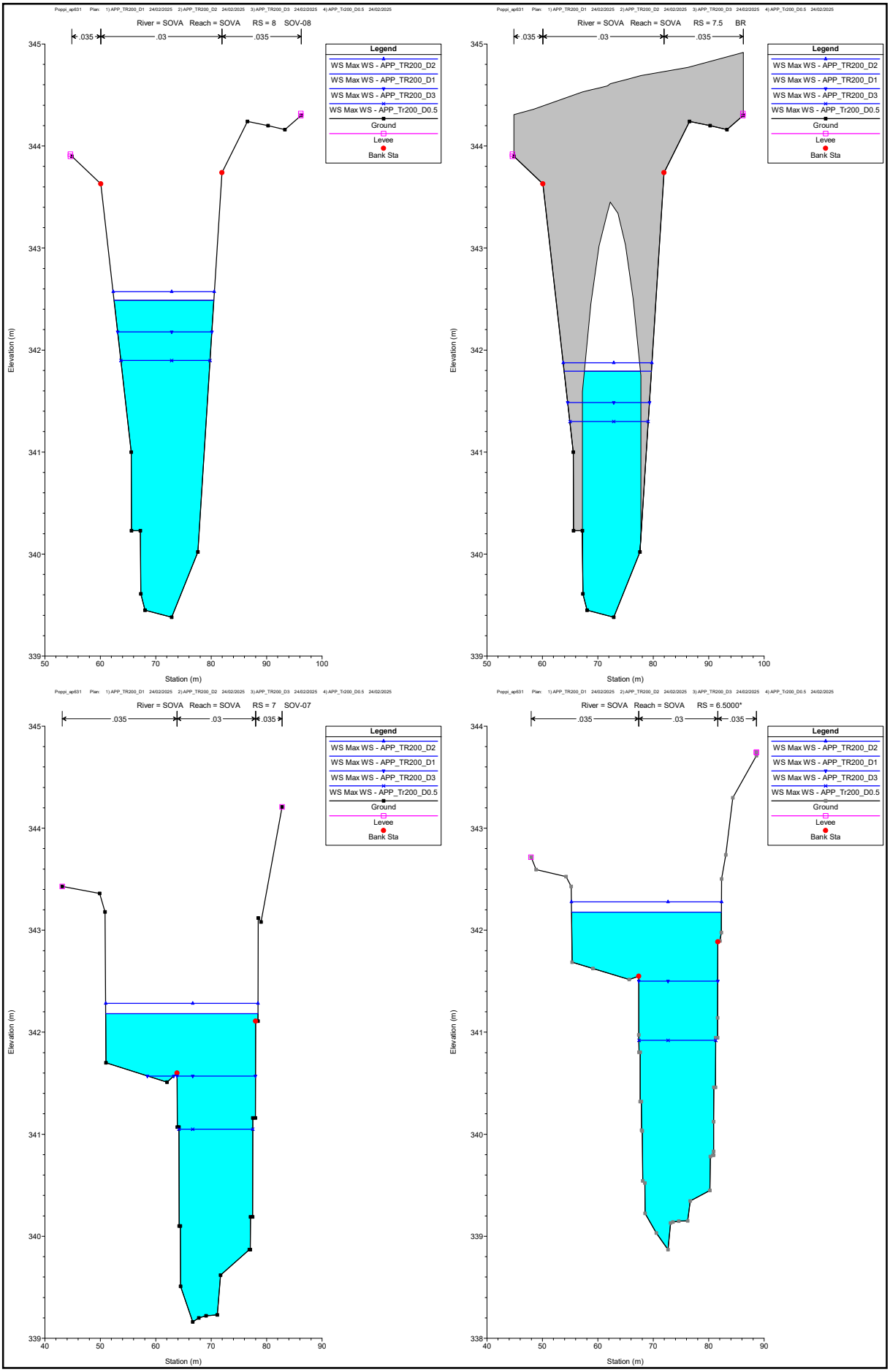

Poppi_ap631 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = SOVA Reach = SOVA RS = 10.600*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D3
WS Max WS - APP_Tr200_D0.5
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = SOVA Reach = SOVA RS = 10.400*
Poppi_ap631 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = SOVA Reach = SOVA RS = 10.200*
Poppi_ap631 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = SOVA Reach = SOVA RS = 10 SOV-14

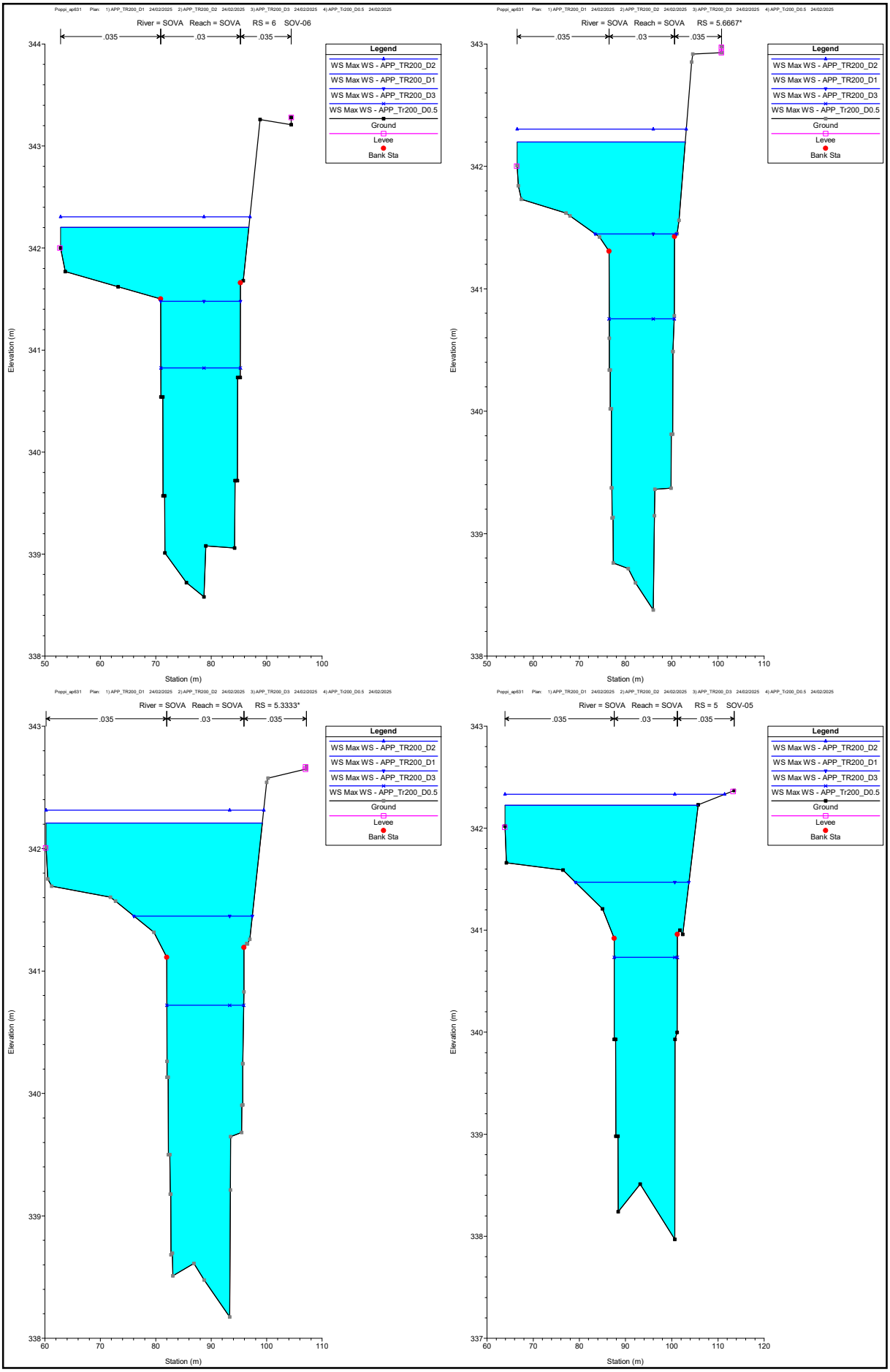

River = SOVA Reach = SOVA RS = 9.9048*
.06
.035
.06
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D3
WS Max WS - APP_Tr200_D0.5
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
River = SOVA Reach = SOVA RS = 9.8095*
River = SOVA Reach = SOVA RS = 9.7143 SOV-13
River = SOVA Reach = SOVA RS = 9.70 IS

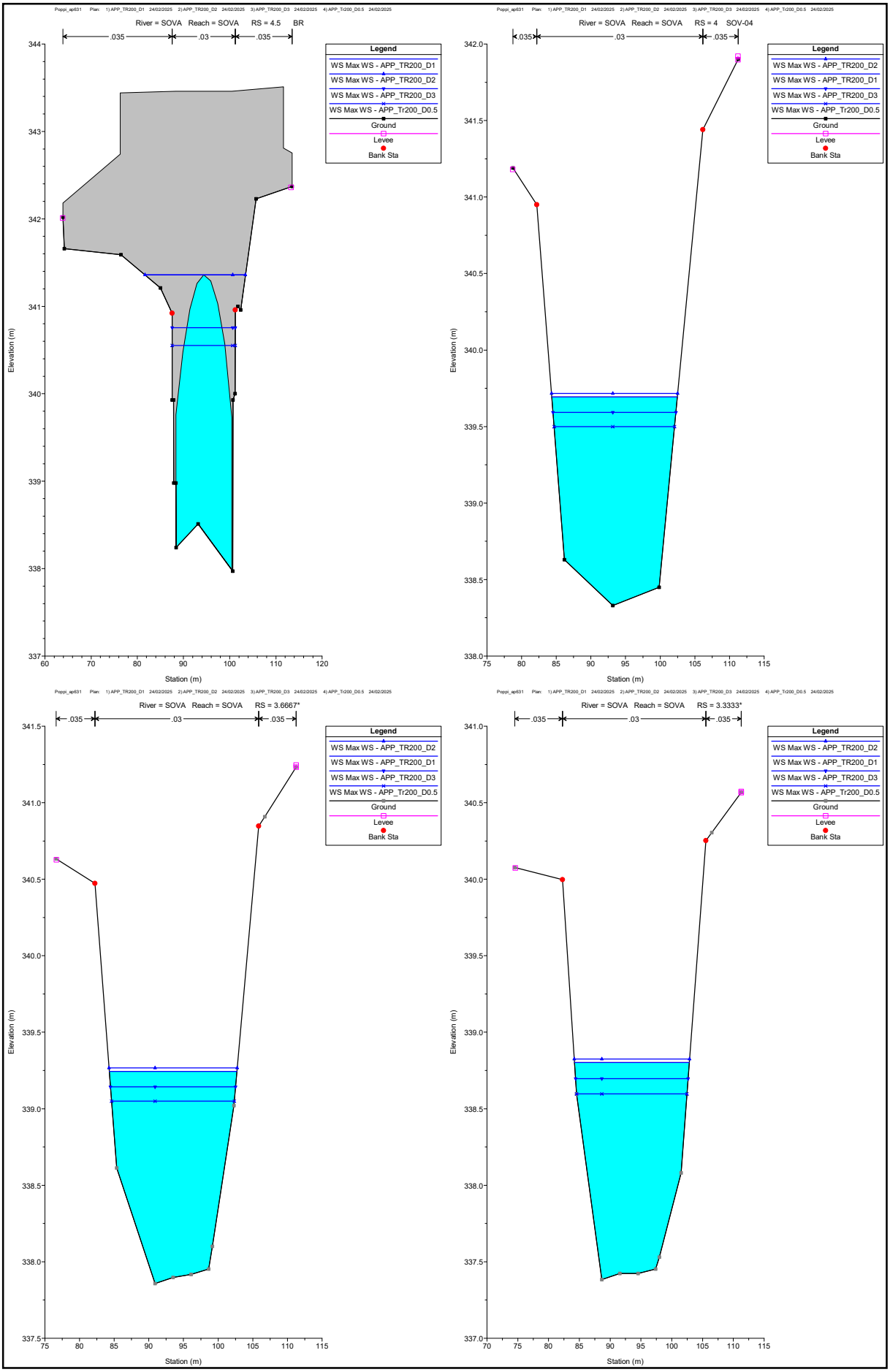

River = SOVA Reach = SOVA RS = 9.6429 SOV-12
River = SOVA Reach = SOVA RS = 9.5715*
River = SOVA Reach = SOVA RS = 9.5000*
River = SOVA Reach = SOVA RS = 9.4286 SOV-11
.06
.035
.06
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D3
WS Max WS - APP_Tr200_D0.5
Ground
Levee
Bank Sta
Elevation (m)
Station (m)

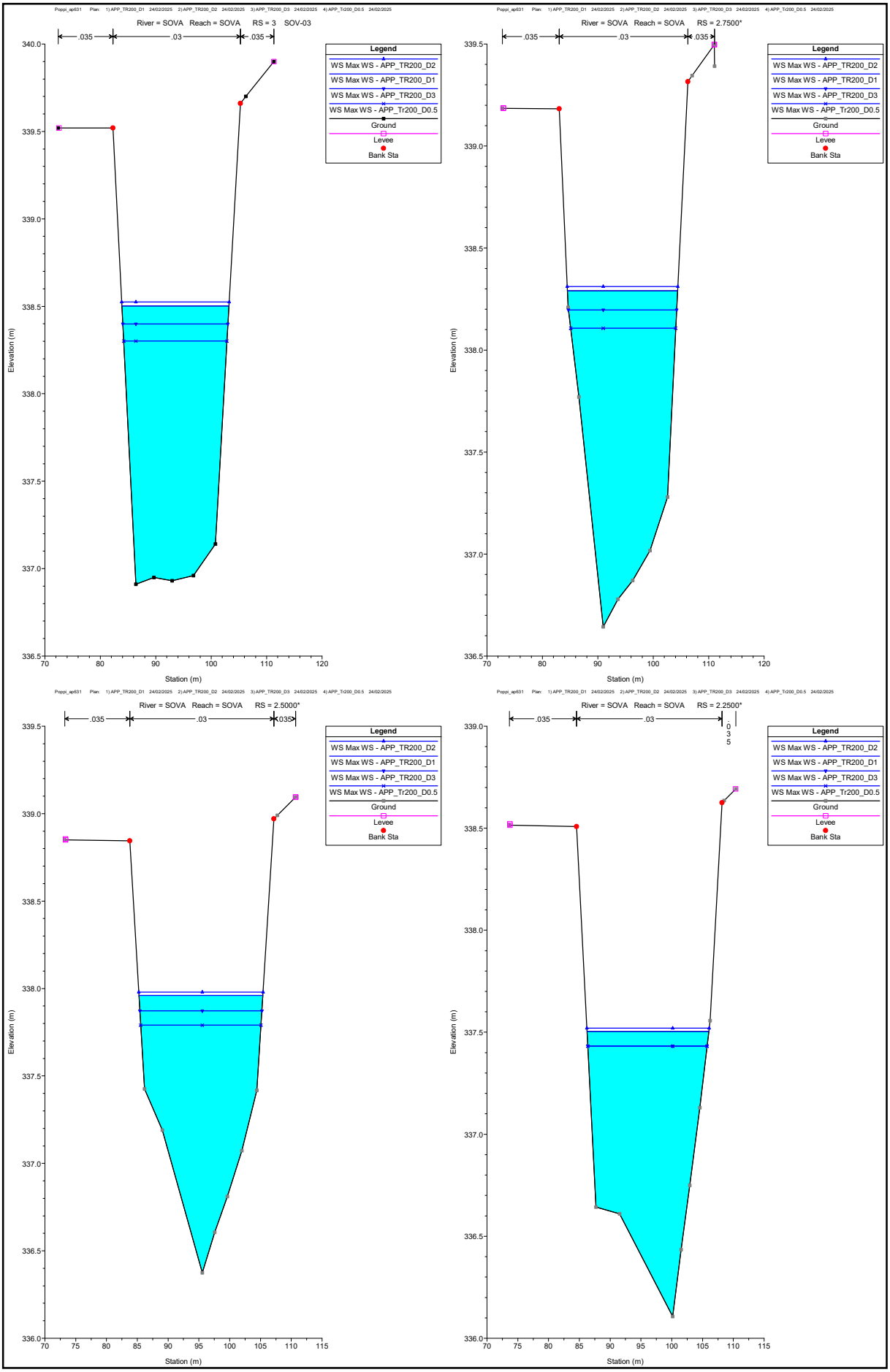

River = SOVA Reach = SOVA RS = 9.40 BR
.06
.035
.06
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D3
WS Max WS - APP_Tr200_D0.5
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
River = SOVA Reach = SOVA RS = 9.2857 SOV-10
.06
.035
.06
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D3
WS Max WS - APP_Tr200_D0.5
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
River = SOVA Reach = SOVA RS = 9.1905*
.05
.033
.05
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D3
WS Max WS - APP_Tr200_D0.5
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
River = SOVA Reach = SOVA RS = 9.0952*
.04
.031
.04
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D3
WS Max WS - APP_Tr200_D0.5
Ground
Levee
Bank Sta
Elevation (m)
Station (m)

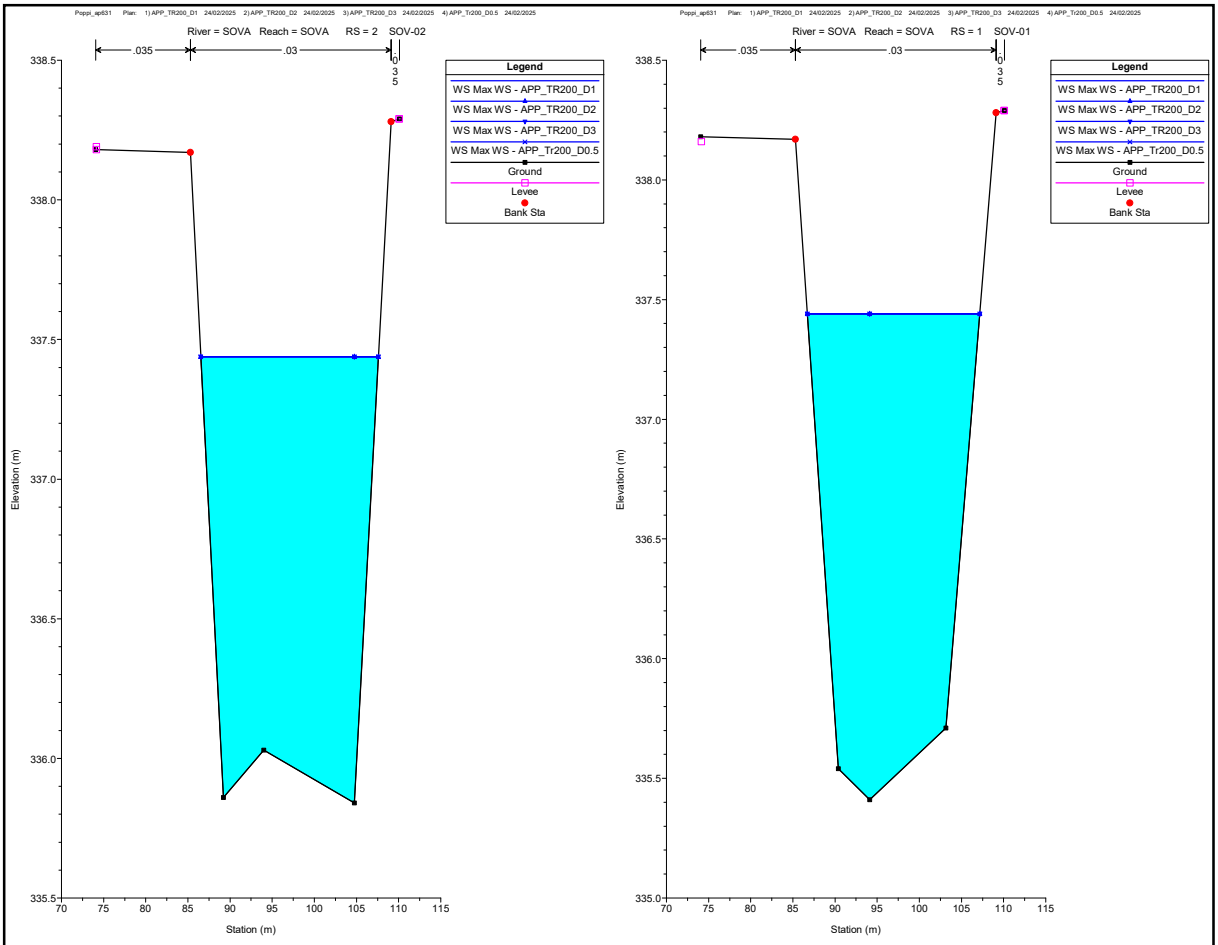

River = SOVA Reach = SOVA RS = 9 SOV-09
.035
.03
.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D3
WS Max WS - APP_Tr200_D0.5
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
River = SOVA Reach = SOVA RS = 8.7500*
River = SOVA Reach = SOVA RS = 8.5000*
River = SOVA Reach = SOVA RS = 8.2500*


River = SOVA Reach = SOVA RS = 8 SOV-08
.035
.03
.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D3
WS Max WS - APP_Tr200_D0.5
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
River = SOVA Reach = SOVA RS = 7.5 BR
River = SOVA Reach = SOVA RS = 7 SOV-07
River = SOVA Reach = SOVA RS = 6.5000*


River = SOVA Reach = SOVA RS = 6 SOV-06
.035
.03
.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D3
WS Max WS - APP_Tr200_D0.5
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
River = SOVA Reach = SOVA RS = 5.6667*
River = SOVA Reach = SOVA RS = 5.3333*
River = SOVA Reach = SOVA RS = 5 SOV-05


River = SOVA Reach = SOVA RS = 4.5 BR
.035
.03
.035
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_Tr200_D0.5
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
River = SOVA Reach = SOVA RS = 4 SOV-04
.035
.03
.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D3
WS Max WS - APP_Tr200_D0.5
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
River = SOVA Reach = SOVA RS = 3.6667*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D3
WS Max WS - APP_Tr200_D0.5
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
River = SOVA Reach = SOVA RS = 3.3333*
.035
.03
.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D3
WS Max WS - APP_Tr200_D0.5
Ground
Levee
Bank Sta
Elevation (m)
Station (m)


River = SOVA Reach = SOVA RS = 3 SOV-03
.035
.03
.035
Legend
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D3
WS Max WS - APP_Tr200_D0.5
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
River = SOVA Reach = SOVA RS = 2.7500*
River = SOVA Reach = SOVA RS = 2.5000*
River = SOVA Reach = SOVA RS = 2.2500*


Poppi_ap831 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = SOVA Reach = SOVA RS = 2 SOV-02
.035
.03
0
3
5
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_Tr200_D0.5
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap831 Plan: 1) APP_TR200_D1 24/02/2025 2) APP_TR200_D2 24/02/2025 3) APP_TR200_D3 24/02/2025 4) APP_Tr200_D0.5 24/02/2025
River = SOVA Reach = SOVA RS = 1 SOV-01
.035
.03
0
3
5
Legend
WS Max WS - APP_TR200_D1
WS Max WS - APP_TR200_D2
WS Max WS - APP_TR200_D3
WS Max WS - APP_Tr200_D0.5
Ground
Levee
Bank Sta
Elevation (m)
Station (m)

ALLEGATI

MODELLAZIONE HEC-RAS 6.3.1 "POPPI_AP631"

SOVA

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 0.5, 1, 2 e 3h

Dati idraulici

HEC-RAS River: SOVA Reach: SOVA Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
SOVA	14	Max WS	APP_TR200_D1	102.20	354.55	356.70	357.02	358.01	0.020700	5.06			20.18	13.13	1.30
SOVA	14	Max WS	APP_TR200_D2	106.20	354.55	356.74	357.07	358.08	0.020784	5.13			20.68	13.20	1.31
SOVA	14	Max WS	APP_TR200_D3	87.80	354.55	356.55	356.83	357.73	0.020716	4.82			18.20	12.84	1.29
SOVA	14	Max WS	APP_Tr200_D0.5	75.40	354.55	356.41	356.66	357.48	0.020488	4.57			16.49	12.59	1.28
SOVA	13.909*	Max WS	APP_TR200_D1	102.19	354.16	356.29	356.61	357.58	0.020589	5.03			20.32	13.45	1.31
SOVA	13.909*	Max WS	APP_TR200_D2	106.19	354.16	356.33	356.66	357.66	0.020659	5.10			20.84	13.52	1.31
SOVA	13.909*	Max WS	APP_TR200_D3	87.80	354.16	356.14	356.43	357.31	0.020639	4.79			18.33	13.15	1.30
SOVA	13.909*	Max WS	APP_Tr200_D0.5	75.40	354.16	356.01	356.26	357.06	0.020377	4.54			16.62	12.89	1.28
SOVA	13.818*	Max WS	APP_TR200_D1	102.18	353.78	355.89	356.21	357.16	0.020535	4.99			20.47	13.77	1.31
SOVA	13.818*	Max WS	APP_TR200_D2	106.19	353.78	355.93	356.26	357.23	0.020553	5.06			21.01	13.85	1.31
SOVA	13.818*	Max WS	APP_TR200_D3	87.79	353.78	355.74	356.01	356.90	0.020576	4.75			18.47	13.47	1.30
SOVA	13.818*	Max WS	APP_Tr200_D0.5	75.40	353.78	355.62	355.85	356.65	0.020271	4.50			16.76	13.21	1.28
SOVA	13.727*	Max WS	APP_TR200_D1	102.17	353.40	355.49	355.80	356.74	0.020497	4.95			20.63	14.10	1.31
SOVA	13.727*	Max WS	APP_TR200_D2	106.19	353.40	355.53	355.84	356.81	0.020465	5.01			21.18	14.18	1.31
SOVA	13.727*	Max WS	APP_TR200_D3	87.79	353.40	355.35	355.62	356.48	0.020510	4.71			18.62	13.79	1.30
SOVA	13.727*	Max WS	APP_Tr200_D0.5	75.39	353.40	355.22	355.45	356.23	0.020209	4.46			16.90	13.52	1.27
SOVA	13.636*	Max WS	APP_TR200_D1	102.16	353.01	355.09	355.39	356.32	0.020456	4.91			20.80	14.44	1.31
SOVA	13.636*	Max WS	APP_TR200_D2	106.19	353.01	355.13	355.44	356.39	0.020399	4.97			21.37	14.52	1.31
SOVA	13.636*	Max WS	APP_TR200_D3	87.79	353.01	354.95	355.22	356.06	0.020458	4.67			18.78	14.12	1.29
SOVA	13.636*	Max WS	APP_Tr200_D0.5	75.39	353.01	354.82	355.05	355.82	0.020182	4.42			17.04	13.85	1.27
SOVA	13.545*	Max WS	APP_TR200_D1	102.16	352.63	354.69	354.99	355.90	0.020400	4.87			20.99	14.78	1.30
SOVA	13.545*	Max WS	APP_TR200_D2	106.19	352.63	354.73	355.03	355.96	0.020333	4.92			21.56	14.88	1.31
SOVA	13.545*	Max WS	APP_TR200_D3	87.79	352.63	354.55	354.81	355.64	0.020384	4.63			18.96	14.46	1.29
SOVA	13.545*	Max WS	APP_Tr200_D0.5	75.39	352.63	354.43	354.65	355.41	0.020145	4.38			17.20	14.18	1.27
SOVA	13.455*	Max WS	APP_TR200_D1	102.15	352.25	354.29	354.58	355.48	0.020313	4.82			21.20	15.14	1.30
SOVA	13.455*	Max WS	APP_TR200_D2	106.19	352.25	354.33	354.62	355.54	0.020248	4.87			21.78	15.24	1.30
SOVA	13.455*	Max WS	APP_TR200_D3	87.79	352.25	354.16	354.41	355.23	0.020309	4.58			19.15	14.81	1.29
SOVA	13.455*	Max WS	APP_Tr200_D0.5	75.39	352.25	354.03	354.25	355.00	0.020116	4.34			17.36	14.51	1.27
SOVA	13.364*	Max WS	APP_TR200_D1	102.14	351.86	353.90	354.18	355.05	0.020160	4.76			21.45	15.52	1.29
SOVA	13.364*	Max WS	APP_TR200_D2	106.19	351.86	353.94	354.22	355.12	0.020101	4.82			22.04	15.62	1.30
SOVA	13.364*	Max WS	APP_TR200_D3	87.79	351.86	353.76	354.01	354.81	0.020185	4.53			19.37	15.17	1.28
SOVA	13.364*	Max WS	APP_Tr200_D0.5	75.39	351.86	353.64	353.85	354.58	0.020049	4.30			17.55	14.86	1.26
SOVA	13.273*	Max WS	APP_TR200_D1	102.14	351.48	353.51	353.78	354.63	0.019810	4.69			21.79	15.92	1.28
SOVA	13.273*	Max WS	APP_TR200_D2	106.18	351.48	353.55	353.82	354.69	0.019735	4.74			22.39	16.02	1.28
SOVA	13.273*	Max WS	APP_TR200_D3	87.78	351.48	353.37	353.61	354.39	0.019914	4.47			19.65	15.56	1.27
SOVA	13.273*	Max WS	APP_Tr200_D0.5	75.38	351.48	353.25	353.46	354.17	0.019828	4.24			17.78	15.23	1.25
SOVA	13.182*	Max WS	APP_TR200_D1	102.13	351.09	353.13	353.37	354.20	0.019048	4.58			22.30	16.37	1.25
SOVA	13.182*	Max WS	APP_TR200_D2	106.19	351.09	353.17	353.42	354.26	0.018974	4.63			22.92	16.47	1.25
SOVA	13.182*	Max WS	APP_TR200_D3	87.78	351.09	352.99	353.21	353.97	0.019287	4.37			20.07	15.98	1.25
SOVA	13.182*	Max WS	APP_Tr200_D0.5	75.38	351.09	352.87	353.05	353.75	0.019281	4.16			18.14	15.63	1.23
SOVA	13.091*	Max WS	APP_TR200_D1	102.13	350.71	352.78	352.97	353.76	0.017473	4.40			23.21	16.90	1.20
SOVA	13.091*	Max WS	APP_TR200_D2	106.18	350.71	352.81	353.01	353.82	0.017442	4.45			23.84	17.01	1.20
SOVA	13.091*	Max WS	APP_TR200_D3	87.78	350.71	352.63	352.81	353.54	0.017777	4.21			20.85	16.48	1.19
SOVA	13.091*	Max WS	APP_Tr200_D0.5	75.38	350.71	352.51	352.66	353.33	0.017908	4.01			18.80	16.10	1.19
SOVA	13	Max WS	APP_TR200_D1	102.12	350.33	352.46	352.56	353.32	0.014714	4.10			24.88	17.59	1.10
SOVA	13	Max WS	APP_TR200_D2	106.18	350.33	352.50	352.60	353.38	0.014716	4.16			25.54	17.70	1.11
SOVA	13	Max WS	APP_TR200_D3	87.78	350.33	352.32	352.41	353.10	0.014873	3.92			22.39	17.14	1.10
SOVA	13	Max WS	APP_Tr200_D0.5	75.38	350.33	352.19	352.26	352.90	0.015013	3.74			20.16	16.73	1.09
SOVA	12.900*	Max WS	APP_TR200_D1	102.12	350.02	352.19	352.30	353.07	0.014907	4.18			24.46	17.07	1.11
SOVA	12.900*	Max WS	APP_TR200_D2	106.18	350.02	352.22	352.35	353.13	0.014874	4.23			25.12	17.17	1.12
SOVA	12.900*	Max WS	APP_TR200_D3	87.78	350.02	352.04	352.14	352.85	0.015040	3.98			22.03	16.66	1.11
SOVA	12.900*	Max WS	APP_Tr200_D0.5	75.38	350.02	351.91	351.99	352.64	0.015227	3.81			19.80	16.22	1.10
SOVA	12.800*	Max WS	APP_TR200_D1	102.11	349.71	351.91	352.04	352.83	0.015092	4.25			24.05	16.54	1.12
SOVA	12.800*	Max WS	APP_TR200_D2	106.18	349.71	351.95	352.08	352.89	0.015031	4.30			24.72	16.64	1.13
SOVA	12.800*	Max WS	APP_TR200_D3	87.77	349.71	351.76	351.88	352.60	0.015212	4.05			21.67	16.18	1.12
SOVA	12.800*	Max WS	APP_Tr200_D0.5	75.38	349.71	351.62	351.73	352.39	0.015456	3.88			19.45	15.74	1.11
SOVA	12.700*	Max WS	APP_TR200_D1	102.11	349.40	351.62	351.76	352.58	0.015282	4.32			23.64	16.00	1.13
SOVA	12.700*	Max WS	APP_TR200_D2	106.18	349.40	351.67	351.82	352.64	0.015217	4.37			24.31	16.10	1.13
SOVA	12.700*	Max WS	APP_TR200_D3	87.77	349.40	351.48	351.60	352.34	0.015369	4.12			21.32	15.66	1.13
SOVA	12.700*	Max WS	APP_Tr200_D0.5	75.38	349.40	351.34	351.44	352.13	0.015702	3.94			19.11	15.29	1.13
SOVA	12.600*	Max WS	APP_TR200_D1	102.10	349.09	351.34	351.49	352.32	0.015501	4.39			23.24	15.47	1.14
SOVA	12.600*	Max WS	APP_TR200_D2	106.18	349.09	351.38	351.54	352.39	0.015424	4.44			23.90	15.56	1.14
SOVA	12.600*	Max WS	APP_TR200_D3	87.77	349.09	351.19	351.32	352.08	0.015565	4.19			20.97	15.15	1.14
SOVA	12.600*	Max WS	APP_Tr200_D0.5	75.38	349.09	351.04	351.17	351.87	0.015931	4.01			18.79	14.83	1.14
SOVA	12.500*	Max WS	APP_TR200_D1	102.10	348.78	351.05	351.22	352.07	0.015759	4.47			22.84	14.94	1.15
SOVA	12.500*	Max WS	APP_TR200_D2	106.18	348.78	351.09	351.27	352.13	0.015682	4.52			23.49	15.03	1.15
SOVA	12.500*	Max WS	APP_TR200_D3	87.77	348.78	350.90	351.04	351.82	0.015815	4.26			20.60	14.63	1.15
SOVA	12.500*	Max WS	APP_Tr200_D0.5	75.37	348.78	350.75	350.88	351.60	0.016137	4.08			18.47	14.32	1.15
SOVA	12.400*	Max WS	APP_TR200_D1	102.09	348.47	350.75	350.94	351.81	0.016049	4.55			22.43	14.41	1.16
SOVA	12.400*	Max WS	APP_TR200_D2	106.18	348.47	350.80	350.99	351.88	0.015981	4.60			23.07	14.50	1.17
SOVA	12.400*	Max WS	APP_TR200_D3	87.77	348.47	350.60	350.76	351.56	0.016102	4.34			20.23	14.11	1.16
SOVA	12.400*	Max WS	APP_Tr200_D0.5	75.37	348.47	350.45	350.59	351.33	0.016383	4.15			18.16	13.82	1.16
SOVA	12.300*	Max WS	APP_TR200_D1	102.09	348.16	350.45	350.66	351.55	0.016450	4.64			22.00	13.89	1.18
SOVA	12.300*	Max WS	APP_TR200_D2	106.18	348.16	350.50	350.71	351.62	0.016391	4.69			22.62	13.98	1.18
SOVA	12.300*	Max WS	APP_TR200_D3	87.77	348.16	350.30	350.47	351.29	0.016473	4.42			19.85	13.60	1.17
SOVA	12.300*	Max WS	APP_Tr200_D0.5	75.37	348.16	350.14	350.30	351.06	0.016712	4.23			17.82	13.32	1.17
SOVA	12.200*	Max WS	APP_TR200_D1	102.08	347.85	350.14	350.37	351.29	0.017004	4.74			21.53	13.38	1.19
SOVA	12.200*	Max WS	APP_TR200_D2	106.18	347.85	350.19	350.42	351.36	0.016971	4.80			22.13	13.46	1.19
SOVA	12.200*	Max WS	APP_TR200_D3	87.77	347.85	349.98	350.17	351.02	0.016979	4.52			19.43	13.10	1.18
SOVA	12.200*	Max WS	APP_Tr200_D0.5	75.37	347.85	349.83	350.00	350.78	0.017172	4.32			17.47	12.83	1.18
SOVA	12.100*	Max WS	APP_TR200_D1	102.08	347.54	349.82	350.07	351.03	0.017867	4.87			20.96	12.86	1.22
SOVA	12.100*	Max WS	APP_TR200_D2	106.17	347.54	349.86	350.12	351.10	0.017854	4.93			21.54	12.93	1.22
SOVA	12.100*	Max WS	APP_TR200_D3	87.77	347.54	349.66	349.87	350.75	0.017787	4.63			18.94	12.59	1.21
SOVA	12.100*	Max WS	APP_Tr200_D0.5	75.37	347.54	349.51	349.70	350.50	0.017871	4.42			17.06	12.34	1.20
SOVA	12	Max WS	APP_TR200_D1	102.08	347.23	349.47	349.77	350.77	0.019412	5.05			20.20	12.32	1.26
SOVA	12	Max WS	APP_TR200_D2	106.18	347.23	349.52	349.83	350.85	0.019400	5.11			20.76	12.40	1.26
SOVA	12	Max WS	APP_TR200_D3	87.77	347.23	349.31	349.57	350.49	0.019277	4.80			18.27	12.07	1.25
SOVA	12	Max WS	APP_Tr200_D0.5	75.37	347.23	349.16	349.39	350.23	0.019224	4.57			16.49	11.84	1.24

HEC-RAS River: SOVA Reach: SOVA Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
SOVA	11.800*	Max WS	APP_TR200_D1	102.08	346.90	349.10	349.41	350.39	0.019378	5.04			20.26	12.54	1.27
SOVA	11.800*	Max WS	APP_TR200_D2	106.17	346.90	349.14	349.46	350.47	0.019368	5.10			20.81	12.61	1.27
SOVA	11.800*	Max WS	APP_TR200_D3	87.77	346.90	348.94	349.20	350.11	0.019314	4.80			18.30	12.29	1.26
SOVA	11.800*	Max WS	APP_Tr200_D0.5	75.37	346.90	348.79	349.03	349.85	0.019279	4.56			16.52	12.07	1.24
SOVA	11.600*	Max WS	APP_TR200_D1	102.07	346.56	348.72	349.03	350.01	0.019504	5.02			20.34	12.93	1.28
SOVA	11.600*	Max WS	APP_TR200_D2	106.17	346.56	348.77	349.08	350.08	0.019525	5.08			20.90	13.04	1.28
SOVA	11.600*	Max WS	APP_TR200_D3	87.77	346.56	348.57	348.83	349.73	0.019329	4.78			18.36	12.53	1.26
SOVA	11.600*	Max WS	APP_Tr200_D0.5	75.37	346.56	348.42	348.65	349.48	0.019297	4.55			16.58	12.29	1.25
SOVA	11.400*	Max WS	APP_TR200_D1	102.07	346.23	348.35	348.65	349.61	0.019373	4.98			20.50	13.30	1.28
SOVA	11.400*	Max WS	APP_TR200_D2	106.18	346.23	348.39	348.70	349.68	0.019386	5.04			21.06	13.40	1.28
SOVA	11.400*	Max WS	APP_TR200_D3	87.76	346.23	348.19	348.46	349.34	0.019367	4.75			18.48	12.93	1.27
SOVA	11.400*	Max WS	APP_Tr200_D0.5	75.37	346.23	348.05	348.29	349.09	0.019305	4.52			16.67	12.59	1.26
SOVA	11.200*	Max WS	APP_TR200_D1	102.07	345.89	347.98	348.27	349.21	0.018914	4.91			20.77	13.60	1.27
SOVA	11.200*	Max WS	APP_TR200_D2	106.17	345.89	348.02	348.32	349.28	0.018865	4.97			21.35	13.69	1.27
SOVA	11.200*	Max WS	APP_TR200_D3	87.76	345.89	347.82	348.08	348.95	0.019051	4.70			18.69	13.26	1.26
SOVA	11.200*	Max WS	APP_Tr200_D0.5	75.37	345.89	347.68	347.91	348.70	0.019155	4.48			16.83	12.95	1.25
SOVA	11	Max WS	APP_TR200_D1	102.07	345.56	347.62	347.87	348.79	0.017961	4.80			21.26	13.88	1.24
SOVA	11	Max WS	APP_TR200_D2	106.17	345.56	347.66	347.93	348.86	0.017848	4.85			21.89	13.97	1.24
SOVA	11	Max WS	APP_TR200_D3	87.76	345.56	347.46	347.69	348.54	0.018251	4.60			19.10	13.56	1.24
SOVA	11	Max WS	APP_Tr200_D0.5	75.36	345.56	347.32	347.52	348.30	0.018513	4.39			17.16	13.27	1.23
SOVA	10.800*	Max WS	APP_TR200_D1	102.06	345.18	347.30	347.56	348.48	0.017778	4.80			21.26	13.82	1.24
SOVA	10.800*	Max WS	APP_TR200_D2	106.17	345.18	347.35	347.61	348.55	0.017588	4.84			21.91	13.92	1.23
SOVA	10.800*	Max WS	APP_TR200_D3	87.76	345.18	347.14	347.37	348.22	0.018271	4.62			19.01	13.47	1.24
SOVA	10.800*	Max WS	APP_Tr200_D0.5	75.37	345.18	346.99	347.21	347.99	0.018760	4.43			17.00	13.16	1.25
SOVA	10.600*	Max WS	APP_TR200_D1	102.05	344.80	346.99	347.24	348.15	0.017182	4.77			21.42	13.74	1.22
SOVA	10.600*	Max WS	APP_TR200_D2	106.17	344.80	347.04	347.29	348.22	0.016907	4.80			22.13	13.85	1.21
SOVA	10.600*	Max WS	APP_TR200_D3	87.76	344.80	346.82	347.05	347.90	0.017967	4.61			19.03	13.36	1.23
SOVA	10.600*	Max WS	APP_Tr200_D0.5	75.36	344.80	346.65	346.87	347.67	0.018786	4.46			16.91	13.01	1.25
SOVA	10.400*	Max WS	APP_TR200_D1	102.04	344.42	346.70	346.90	347.81	0.015952	4.67			21.87	13.66	1.18
SOVA	10.400*	Max WS	APP_TR200_D2	106.17	344.42	346.75	346.95	347.88	0.015641	4.69			22.64	13.79	1.17
SOVA	10.400*	Max WS	APP_TR200_D3	87.76	344.42	346.50	346.72	347.56	0.017069	4.56			19.26	13.22	1.20
SOVA	10.400*	Max WS	APP_Tr200_D0.5	75.36	344.42	346.33	346.54	347.33	0.018198	4.44			16.98	12.81	1.23
SOVA	10.200*	Max WS	APP_TR200_D1	102.04	344.05	346.43	346.57	347.45	0.013960	4.48			22.80	13.60	1.10
SOVA	10.200*	Max WS	APP_TR200_D2	106.17	344.05	346.49	346.62	347.52	0.013646	4.49			23.63	13.74	1.09
SOVA	10.200*	Max WS	APP_TR200_D3	87.76	344.05	346.22	346.37	347.21	0.015184	4.40			19.93	13.06	1.14
SOVA	10.200*	Max WS	APP_Tr200_D0.5	75.36	344.05	346.02	346.20	346.98	0.016317	4.32			17.44	12.50	1.17
SOVA	10	Max WS	APP_TR200_D1	102.04	343.67	346.21	346.21	347.10	0.011382	4.19			24.36	13.59	1.00
SOVA	10	Max WS	APP_TR200_D2	106.17	343.67	346.27	346.27	347.18	0.011140	4.20			25.25	13.76	0.99
SOVA	10	Max WS	APP_TR200_D3	87.76	343.67	345.97	346.01	346.84	0.012382	4.13			21.24	12.97	1.03
SOVA	10	Max WS	APP_Tr200_D0.5	75.36	343.67	345.76	345.83	346.60	0.013511	4.07			18.51	12.41	1.07
SOVA	9.9048*	Max WS	APP_TR200_D1	102.04	343.13	346.12		346.83	0.008296	3.74			27.29	14.13	0.86
SOVA	9.9048*	Max WS	APP_TR200_D2	106.17	343.13	346.18		346.90	0.008156	3.76			28.25	14.30	0.85
SOVA	9.9048*	Max WS	APP_TR200_D3	87.75	343.13	345.87		346.56	0.008867	3.66			23.95	13.52	0.88
SOVA	9.9048*	Max WS	APP_Tr200_D0.5	75.36	343.13	345.65		346.31	0.009509	3.59			20.98	12.95	0.90
SOVA	9.8095*	Max WS	APP_TR200_D1	102.03	342.58	346.05		346.61	0.006002	3.32			30.72	14.70	0.73
SOVA	9.8095*	Max WS	APP_TR200_D2	106.17	342.58	346.12		346.69	0.005937	3.35			31.72	14.86	0.73
SOVA	9.8095*	Max WS	APP_TR200_D3	87.75	342.58	345.80		346.33	0.006274	3.23			27.18	14.11	0.74
SOVA	9.8095*	Max WS	APP_Tr200_D0.5	75.36	342.58	345.57		346.08	0.006566	3.14			24.01	13.56	0.75
SOVA	9.7143	Max WS	APP_TR200_D1	102.03	342.04	346.04	345.30	346.47	0.004153	2.90			35.18	15.35	0.61
SOVA	9.7143	Max WS	APP_TR200_D2	106.17	342.04	346.11	345.35	346.55	0.004133	2.93			36.25	15.51	0.61
SOVA	9.7143	Max WS	APP_TR200_D3	87.76	342.04	345.79	345.10	346.19	0.004242	2.80			31.37	14.78	0.61
SOVA	9.7143	Max WS	APP_Tr200_D0.5	75.36	342.04	345.55	344.92	345.92	0.004343	2.70			27.94	14.24	0.61
SOVA	9.70			Inl Struct											
SOVA	9.6429	Max WS	APP_TR200_D1	102.03	340.63	344.95		345.76	0.011224	4.00			25.52	13.38	0.92
SOVA	9.6429	Max WS	APP_TR200_D2	106.17	340.63	345.01		345.84	0.011162	4.04			26.29	13.52	0.92
SOVA	9.6429	Max WS	APP_TR200_D3	87.75	340.63	344.74		345.50	0.011371	3.84			22.83	12.83	0.92
SOVA	9.6429	Max WS	APP_Tr200_D0.5	75.36	340.63	344.55		345.25	0.011444	3.69			20.40	12.22	0.91
SOVA	9.5715*	Max WS	APP_TR200_D1	102.03	340.62	344.87		345.62	0.009564	3.82			26.73	13.77	0.87
SOVA	9.5715*	Max WS	APP_TR200_D2	106.17	340.62	344.93		345.69	0.009521	3.86			27.52	13.90	0.88
SOVA	9.5715*	Max WS	APP_TR200_D3	87.75	340.62	344.67		345.35	0.009697	3.67			23.94	13.29	0.87
SOVA	9.5715*	Max WS	APP_Tr200_D0.5	75.36	340.62	344.47		345.11	0.009788	3.52			21.41	12.74	0.87
SOVA	9.5000*	Max WS	APP_TR200_D1	102.03	340.61	344.81		345.48	0.007988	3.61			28.26	14.15	0.82
SOVA	9.5000*	Max WS	APP_TR200_D2	106.17	340.61	344.87		345.55	0.007966	3.65			29.08	14.28	0.82
SOVA	9.5000*	Max WS	APP_TR200_D3	87.76	340.61	344.61		345.21	0.008035	3.46			25.38	13.70	0.81
SOVA	9.5000*	Max WS	APP_Tr200_D0.5	75.36	340.61	344.41		344.97	0.008098	3.31			22.76	13.24	0.81
SOVA	9.4286	Max WS	APP_TR200_D1	102.03	340.60	344.76	344.36	345.34	0.006600	3.39			30.11	14.53	0.75
SOVA	9.4286	Max WS	APP_TR200_D2	106.16	340.60	344.82	344.41	345.42	0.006600	3.43			30.96	14.65	0.75
SOVA	9.4286	Max WS	APP_TR200_D3	87.75	340.60	344.55	344.16	345.09	0.006576	3.23			27.15	14.12	0.74
SOVA	9.4286	Max WS	APP_Tr200_D0.5	75.36	340.60	344.36	343.97	344.84	0.006556	3.08			24.45	13.68	0.74
SOVA	9.40			Bridge											
SOVA	9.2857	Max WS	APP_TR200_D1	101.97	340.55	343.52	343.97	345.07	0.025864	5.52			18.47	12.62	1.46
SOVA	9.2857	Max WS	APP_TR200_D2	106.17	340.55	343.57	344.03	345.15	0.025765	5.57			19.07	12.83	1.46
SOVA	9.2857	Max WS	APP_TR200_D3	87.75	340.55	343.36	343.79	344.80	0.025830	5.33			16.47	11.89	1.45
SOVA	9.2857	Max WS	APP_Tr200_D0.5	75.36	340.55	343.21	343.61	344.54	0.025283	5.10			14.76	11.18	1.42
SOVA	9.1905*	Max WS	APP_TR200_D1	101.97	340.50	343.33	343.78	344.86	0.023410	5.49			18.58	13.20	1.48
SOVA	9.1905*	Max WS	APP_TR200_D2	106.17	340.50	343.38	343.83	344.93	0.022938	5.52			19.24	13.32	1.47
SOVA	9.1905*	Max WS	APP_TR200_D3	87.75	340.50	343.16	343.59	344.61	0.024165	5.34			16.45	12.52	1.49
SOVA	9.1905*	Max WS	APP_Tr200_D0.5	75.36	340.50	343.01	343.42	344.36	0.024316	5.15			14.64	11.84	1.48
SOVA	9.0952*	Max WS	APP_TR200_D1	101.95	340.45	343.16	343.57	344.62	0.019356	5.34			19.08	13.55	1.44
SOVA	9.0952*	Max WS	APP_TR200_D2	106.16	340.45	343.21	343.62	344.68	0.018816	5.36			19.80	13.66	1.42
SOVA	9.0952*	Max WS	APP_TR200_D3	87.75	340.45	342.99	343.39	344.39	0.021107	5.25			16.72	13.13	1.48
SOVA	9.0952*	Max WS	APP_Tr200_D0.5	75.36	340.45	342.83	343.23	344.16	0.022098	5.11			14.76	12.55	1.50
SOVA	9	Max WS	APP_TR200_D1	101.94	340.40	343.02	343.37	344.35	0.015951	5.10			20.01	13.94	1.36
SOVA	9	Max WS	APP_TR200_D2	106.17	340.40	343.08	343.42	344.41	0.015417	5.10			20.80	14.06	1.34
SOVA	9	Max WS	APP_TR200_D3	87.75	340.40	342.83	343.19	344.13	0.017959	5.05			17.39	13.56	1.42
SOVA	9	Max WS	APP_Tr200_D0.5	75.36	340.40	342.67	343.02	343.92	0.019772	4.96			15.19	13.17	1.47

HEC-RAS River: SOVA Reach: SOVA Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
SOVA	8.7500*	Max WS	APP_TR200_D1	101.92	340.14	342.77	342.93	343.79	0.011240	4.48			22.73	14.67	1.15
SOVA	8.7500*	Max WS	APP_TR200_D2	106.16	340.14	342.84	342.98	343.86	0.010778	4.48			23.70	14.81	1.13
SOVA	8.7500*	Max WS	APP_TR200_D3	87.75	340.14	342.54	342.76	343.58	0.013239	4.51			19.44	14.18	1.23
SOVA	8.7500*	Max WS	APP_Tr200_D0.5	75.35	340.14	342.34	342.60	343.38	0.015223	4.52			16.67	13.54	1.30
SOVA	8.5000*	Max WS	APP_TR200_D1	101.85	339.89	342.60		343.33	0.007096	3.79			26.85	15.53	0.92
SOVA	8.5000*	Max WS	APP_TR200_D2	106.16	339.89	342.67		343.40	0.006824	3.79			28.00	15.69	0.91
SOVA	8.5000*	Max WS	APP_TR200_D3	87.75	339.89	342.34	342.32	343.09	0.008393	3.83			22.91	14.93	0.99
SOVA	8.5000*	Max WS	APP_Tr200_D0.5	75.35	339.89	342.11	342.16	342.86	0.009633	3.85			19.58	14.09	1.04
SOVA	8.2500*	Max WS	APP_TR200_D1	101.75	339.64	342.49		343.00	0.004275	3.15			32.30	16.55	0.72
SOVA	8.2500*	Max WS	APP_TR200_D2	106.16	339.64	342.57		343.08	0.004166	3.16			33.58	16.76	0.71
SOVA	8.2500*	Max WS	APP_TR200_D3	87.75	339.64	342.21		342.72	0.004884	3.15			27.82	15.81	0.76
SOVA	8.2500*	Max WS	APP_Tr200_D0.5	75.35	339.64	341.97		342.47	0.005443	3.14			24.03	14.98	0.79
SOVA	8	Max WS	APP_TR200_D1	101.84	339.38	342.49	341.60	342.82	0.002417	2.55			39.96	17.99	0.55
SOVA	8	Max WS	APP_TR200_D2	106.15	339.38	342.57	341.65	342.91	0.002368	2.56			41.47	18.27	0.54
SOVA	8	Max WS	APP_TR200_D3	87.74	339.38	342.18	341.41	342.51	0.002691	2.54			34.55	16.99	0.57
SOVA	8	Max WS	APP_Tr200_D0.5	75.35	339.38	341.90	341.24	342.22	0.002972	2.52			29.91	16.07	0.59
SOVA	7.5			Bridge											
SOVA	7	Max WS	APP_TR200_D1	101.90	339.16	342.18		342.50	0.002445	2.60	0.96	0.22	43.99	27.47	0.52
SOVA	7	Max WS	APP_TR200_D2	106.12	339.16	342.28		342.59	0.002263	2.56	1.03	0.34	46.74	27.49	0.50
SOVA	7	Max WS	APP_TR200_D3	87.46	339.16	341.57		342.07	0.004932	3.14	0.20		27.96	18.90	0.72
SOVA	7	Max WS	APP_Tr200_D0.5	75.35	339.16	341.05	340.99	341.74	0.008755	3.67			20.52	13.32	0.94
SOVA	6.99			Lat Struct											
SOVA	6.98			Lat Struct											
SOVA	6.5000*	Max WS	APP_TR200_D1	101.91	338.87	342.18		342.45	0.001849	2.39	0.84	0.43	47.40	27.05	0.45
SOVA	6.5000*	Max WS	APP_TR200_D2	106.12	338.87	342.28		342.55	0.001736	2.37	0.90	0.47	50.13	27.08	0.44
SOVA	6.5000*	Max WS	APP_TR200_D3	87.46	338.87	341.50		341.92	0.003727	2.87			30.51	14.27	0.63
SOVA	6.5000*	Max WS	APP_Tr200_D0.5	75.35	338.87	340.92		341.50	0.007050	3.38			22.27	13.85	0.85
SOVA	6	Max WS	APP_TR200_D1	101.91	338.58	342.20		342.41	0.001283	2.09	0.69	0.48	55.88	33.99	0.38
SOVA	6	Max WS	APP_TR200_D2	106.12	338.58	342.31		342.51	0.001205	2.07	0.74	0.52	59.41	34.19	0.37
SOVA	6	Max WS	APP_TR200_D3	87.45	338.58	341.48		341.80	0.002577	2.51			34.87	14.39	0.51
SOVA	6	Max WS	APP_Tr200_D0.5	75.35	338.58	340.82		341.27	0.004965	2.96			25.47	14.34	0.71
SOVA	5.6667*	Max WS	APP_TR200_D1	101.92	338.38	342.20		342.39	0.001148	2.03	0.69	0.57	59.05	36.41	0.36
SOVA	5.6667*	Max WS	APP_TR200_D2	106.12	338.38	342.30		342.49	0.001074	2.00	0.74	0.60	62.89	36.64	0.35
SOVA	5.6667*	Max WS	APP_TR200_D3	87.45	338.38	341.45		341.76	0.002446	2.48	0.22	0.07	35.39	17.64	0.50
SOVA	5.6667*	Max WS	APP_Tr200_D0.5	75.34	338.38	340.76		341.20	0.004934	2.97			25.39	14.09	0.71
SOVA	5.3333*	Max WS	APP_TR200_D1	101.94	338.17	342.21		342.37	0.000932	1.89	0.66	0.62	64.73	39.01	0.33
SOVA	5.3333*	Max WS	APP_TR200_D2	106.08	338.17	342.31		342.47	0.000873	1.87	0.70	0.64	68.87	39.27	0.32
SOVA	5.3333*	Max WS	APP_TR200_D3	87.45	338.17	341.45		341.72	0.001950	2.32	0.33	0.40	38.58	21.36	0.45
SOVA	5.3333*	Max WS	APP_Tr200_D0.5	75.34	338.17	340.72		341.11	0.003922	2.75			27.37	13.86	0.63
SOVA	5	Max WS	APP_TR200_D1	101.45	337.97	342.23	340.20	342.36	0.000690	1.71	0.61	0.62	72.97	41.79	0.28
SOVA	5	Max WS	APP_TR200_D2	104.72	337.97	342.33	340.23	342.46	0.000650	1.69	0.64	0.40	77.76	47.54	0.27
SOVA	5	Max WS	APP_TR200_D3	87.45	337.97	341.47	340.03	341.69	0.001367	2.07	0.38	0.52	44.36	24.55	0.38
SOVA	5	Max WS	APP_Tr200_D0.5	75.34	337.97	340.74	339.84	341.03	0.002541	2.38			31.62	13.67	0.50
SOVA	4.5			Bridge											
SOVA	4	Max WS	APP_TR200_D1	101.45	338.33	339.69	340.09	341.03	0.021810	5.12			19.83	18.13	1.56
SOVA	4	Max WS	APP_TR200_D2	104.72	338.33	339.72	340.13	341.08	0.021855	5.17			20.24	18.22	1.57
SOVA	4	Max WS	APP_TR200_D3	87.45	338.33	339.59	339.95	340.79	0.021591	4.85			18.02	17.75	1.54
SOVA	4	Max WS	APP_Tr200_D0.5	75.34	338.33	339.50	339.82	340.58	0.021398	4.60			16.38	17.39	1.51
SOVA	3.99			Lat Struct											
SOVA	3.98			Lat Struct											
SOVA	3.6667*	Max WS	APP_TR200_D1	101.44	337.86	339.24	339.69	340.68	0.025007	5.32			19.09	18.42	1.67
SOVA	3.6667*	Max WS	APP_TR200_D2	104.72	337.86	339.27	339.72	340.74	0.024943	5.37			19.51	18.50	1.67
SOVA	3.6667*	Max WS	APP_TR200_D3	87.45	337.86	339.14	339.55	340.45	0.025233	5.07			17.26	18.05	1.66
SOVA	3.6667*	Max WS	APP_Tr200_D0.5	75.34	337.86	339.05	339.41	340.24	0.025572	4.83			15.58	17.71	1.65
SOVA	3.3333*	Max WS	APP_TR200_D1	101.44	337.38	338.80	339.19	340.09	0.021061	5.02			20.20	18.64	1.54
SOVA	3.3333*	Max WS	APP_TR200_D2	104.72	337.38	338.83	339.22	340.14	0.021013	5.07			20.65	18.72	1.54
SOVA	3.3333*	Max WS	APP_TR200_D3	87.45	337.38	338.70	339.04	339.87	0.021309	4.79			18.25	18.27	1.53
SOVA	3.3333*	Max WS	APP_Tr200_D0.5	75.34	337.38	338.60	338.91	339.67	0.021684	4.58			16.46	17.92	1.53
SOVA	3	Max WS	APP_TR200_D1	101.44	336.91	338.50	338.59	339.30	0.010171	3.95			25.66	19.31	1.09
SOVA	3	Max WS	APP_TR200_D2	104.72	336.91	338.53	338.63	339.35	0.010294	4.01			26.11	19.39	1.10
SOVA	3	Max WS	APP_TR200_D3	87.45	336.91	338.40	338.45	339.09	0.009590	3.69			23.70	18.97	1.05
SOVA	3	Max WS	APP_Tr200_D0.5	75.34	336.91	338.30	338.32	338.91	0.009098	3.45			21.85	18.63	1.02
SOVA	2.7500*	Max WS	APP_TR200_D1	101.44	336.64	338.29	338.58	339.36	0.016850	4.58			22.17	19.89	1.38
SOVA	2.7500*	Max WS	APP_TR200_D2	104.72	336.64	338.31	338.60	339.41	0.016964	4.64			22.59	19.97	1.39
SOVA	2.7500*	Max WS	APP_TR200_D3	87.45	336.64	338.20	338.44	339.14	0.016318	4.31			20.31	19.53	1.35
SOVA	2.7500*	Max WS	APP_Tr200_D0.5	75.34	336.64	338.11	338.31	338.94	0.015597	4.05			18.61	18.98	1.31
SOVA	2.5000*	Max WS	APP_TR200_D1	101.44	336.38	337.96	338.38	339.31	0.025161	5.15			19.71	20.12	1.66
SOVA	2.5000*	Max WS	APP_TR200_D2	104.72	336.38	337.98	338.41	339.36	0.025233	5.21			20.11	20.19	1.67
SOVA	2.5000*	Max WS	APP_TR200_D3	87.45	336.38	337.87	338.24	339.08	0.024899	4.87			17.97	19.81	1.63
SOVA	2.5000*	Max WS	APP_Tr200_D0.5	75.34	336.38	337.79	338.12	338.87	0.024708	4.61			16.36	19.53	1.61
SOVA	2.2500*	Max WS	APP_TR200_D1	101.44	336.11	337.50	338.00	339.12	0.033120	5.62			18.04	19.79	1.88
SOVA	2.2500*	Max WS	APP_TR200_D2	104.72	336.11	337.52	338.03	339.18	0.033464	5.70			18.36	19.89	1.89
SOVA	2.2500*	Max WS	APP_TR200_D3	87.45	336.11	337.43	337.87	338.84	0.031234	5.25			16.65	19.40	1.81
SOVA	2.2500*	Max WS	APP_Tr200_D0.5	9.98	336.11	337.43		337.45	0.000408	0.60			16.63	19.39	0.21
SOVA	2	Max WS	APP_TR200_D1	9.98	335.84	337.44		337.45	0.000086	0.36			27.70	21.07	0.10
SOVA	2	Max WS	APP_TR200_D2	9.98	335.84	337.44		337.45	0.000086	0.36			27.70	21.07	0.10
SOVA	2	Max WS	APP_TR200_D3	9.98	335.84	337.44		337.45	0.000086	0.36			27.70	21.07	0.10
SOVA	2	Max WS	APP_Tr200_D0.5	9.98	335.84	337.44		337.45	0.000086	0.36			27.70	21.07	0.10
SOVA	1	Max WS	APP_TR200_D1	9.98	335.41	337.44	335.93	337.45	0.000055	0.32			31.26	20.46	0.08
SOVA	1	Max WS	APP_TR200_D2	9.97	335.41	337.44	335.93	337.45	0.000055	0.32			31.26	20.46	0.08
SOVA	1	Max WS	APP_TR200_D3	9.98	335.41	337.44	335.93	337.45	0.000055	0.32			31.26	20.46	0.08
SOVA	1	Max WS	APP_Tr200_D0.5	9.98	335.41	337.44	335.93	337.45	0.000055	0.32			31.26	20.46	0.08

ALLEGATI

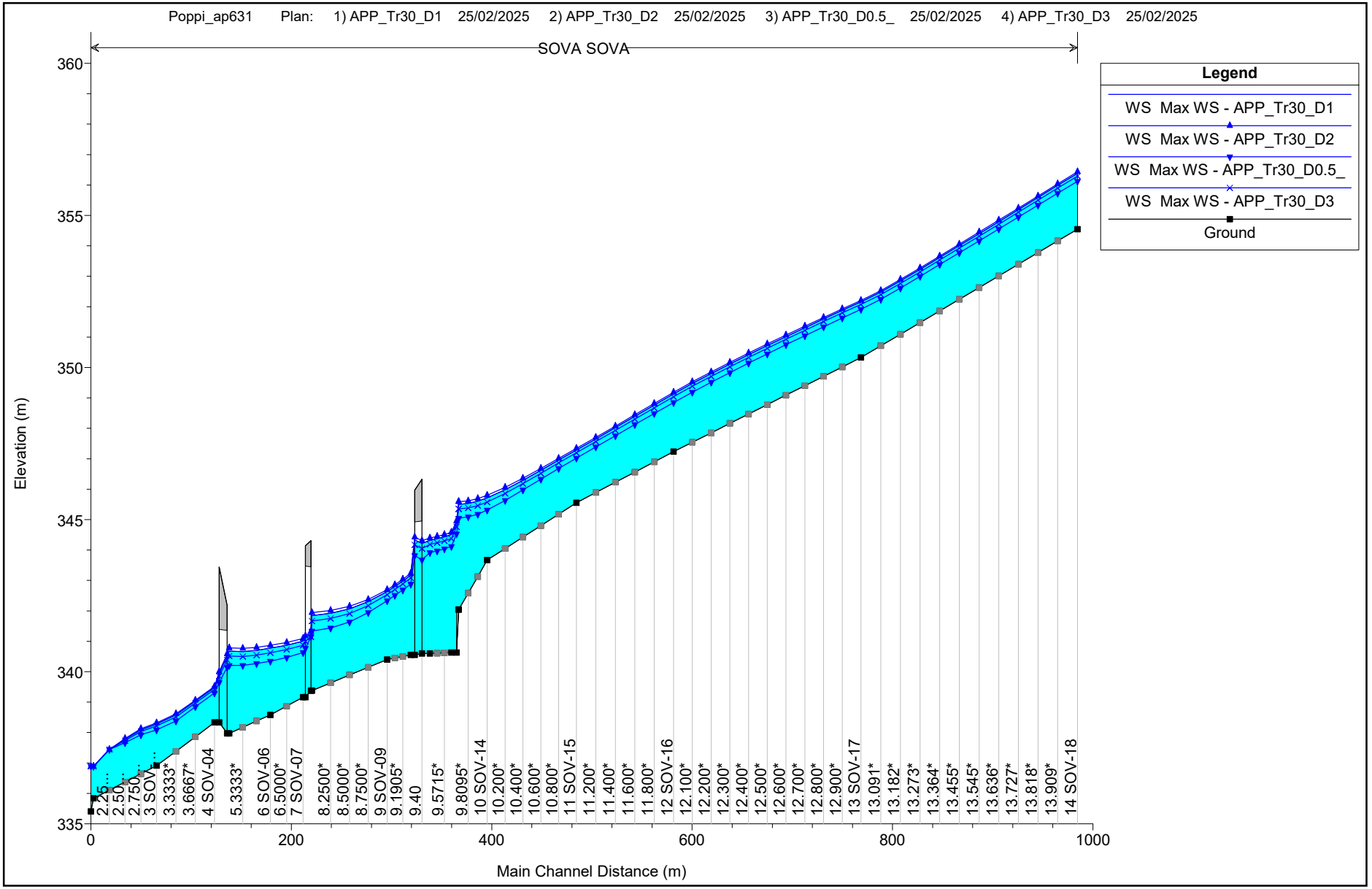
MODELLAZIONE HEC-RAS 6.3.1 "POPPI_AP631"

SOVA

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 0.5, 1, 2 e 3h

Profilo longitudinale


Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
SOVA SOVA
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Elevation (m)
Main Channel Distance (m)
360
355
350
345
340
335
0
200
400
600
800
1000
2.25...
2.50...
2.750...
3 SOV...
3.3333*
3.6667*
4 SOV-04
5.3333*
6 SOV-06
6.5000*
7 SOV-07
8.2500*
8.5000*
8.7500*
9 SOV-09
9.1905*
9.40
9.5715*
9.8095*
10 SOV-14
10.200*
10.400*
10.600*
10.800*
11 SOV-15
11.200*
11.400*
11.600*
11.800*
12 SOV-16
12.100*
12.200*
12.300*
12.400*
12.500*
12.600*
12.700*
12.800*
12.900*
13 SOV-17
13.091*
13.182*
13.273*
13.364*
13.455*
13.545*
13.636*
13.727*
13.818*
13.909*
14 SOV-18

ALLEGATI

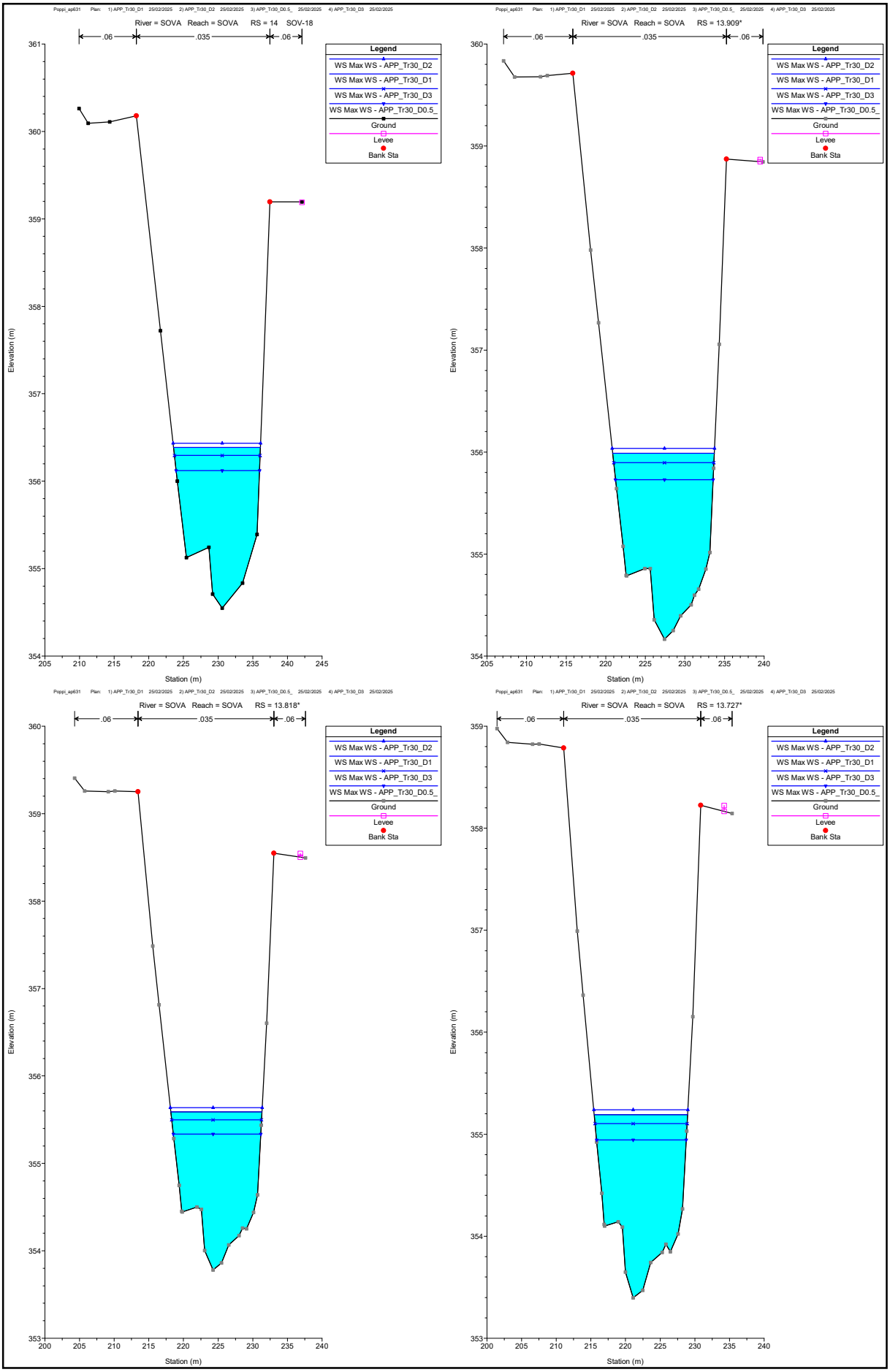
MODELLAZIONE HEC-RAS 6.3.1 "POPPI_AP631"

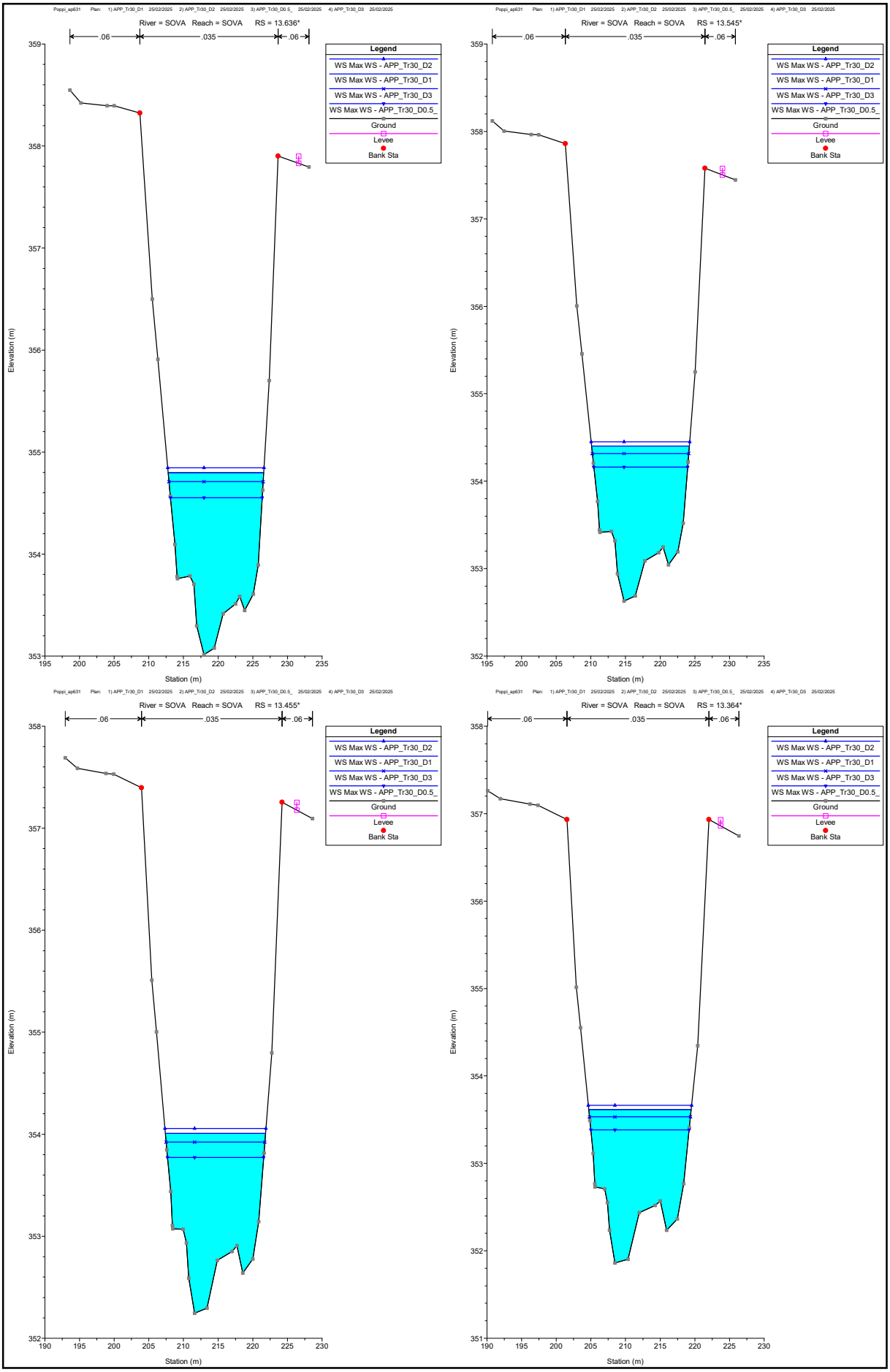
SOVA

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 0.5, 1, 2 e 3h

Sezioni Trasversali (da monte verso valle)


Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = SOVA Reach = SOVA RS = 14 SOV-18
.06
.035
.06
Legend
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D0.5_
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = SOVA Reach = SOVA RS = 13.909*
.06
.035
.06
Legend
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D0.5_
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = SOVA Reach = SOVA RS = 13.818*
.06
.035
.06
Legend
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D0.5_
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = SOVA Reach = SOVA RS = 13.727*
.06
.035
.06
Legend
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D0.5_
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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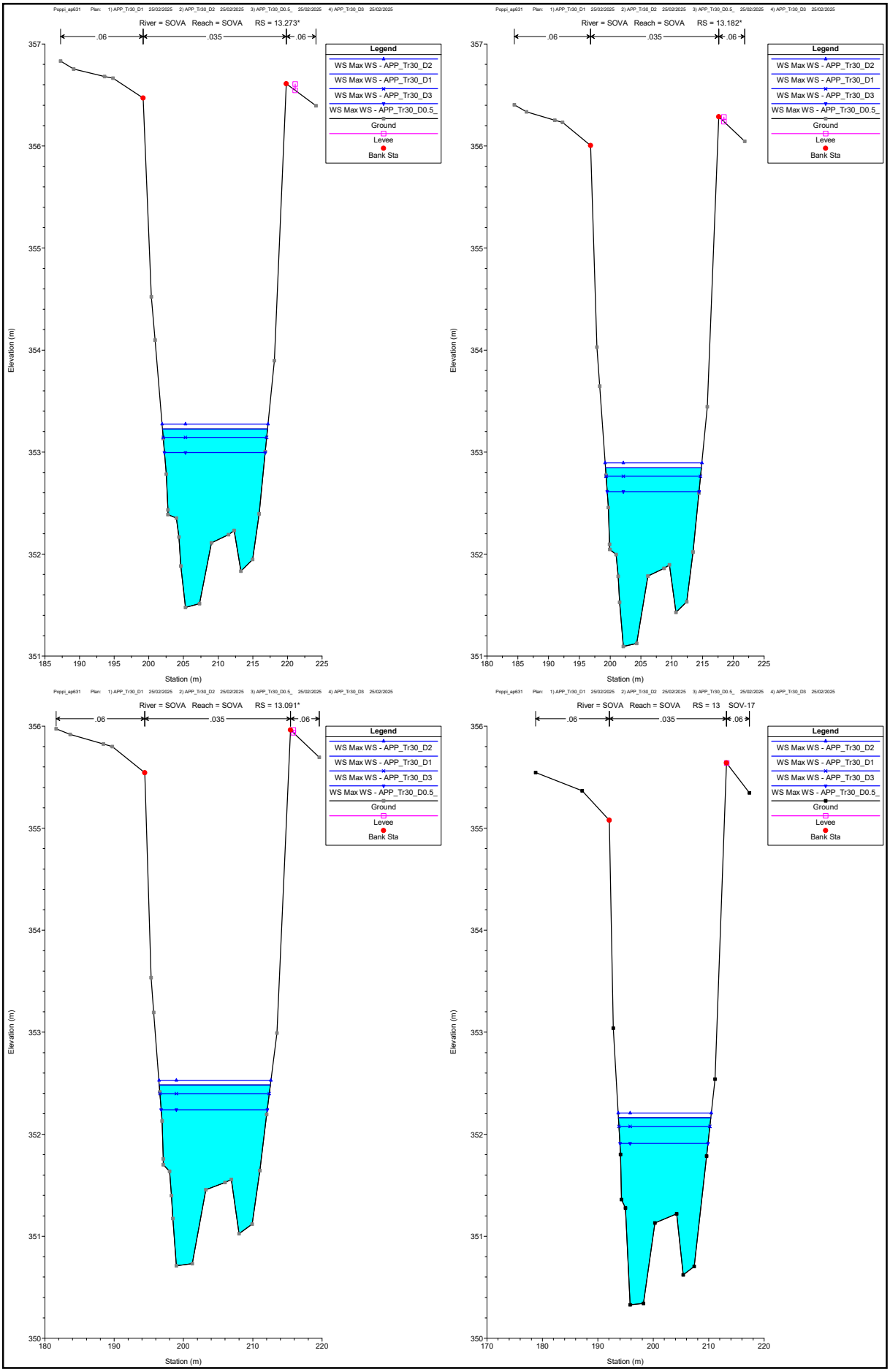
River = SOVA Reach = SOVA RS = 13.636*
.06
.035
.06
Legend
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D0.5_
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = SOVA Reach = SOVA RS = 13.545*
.06
.035
.06
Legend
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D0.5_
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = SOVA Reach = SOVA RS = 13.455*
.06
.035
.06
Legend
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D0.5_
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = SOVA Reach = SOVA RS = 13.364*
.06
.035
.06
Legend
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D0.5_
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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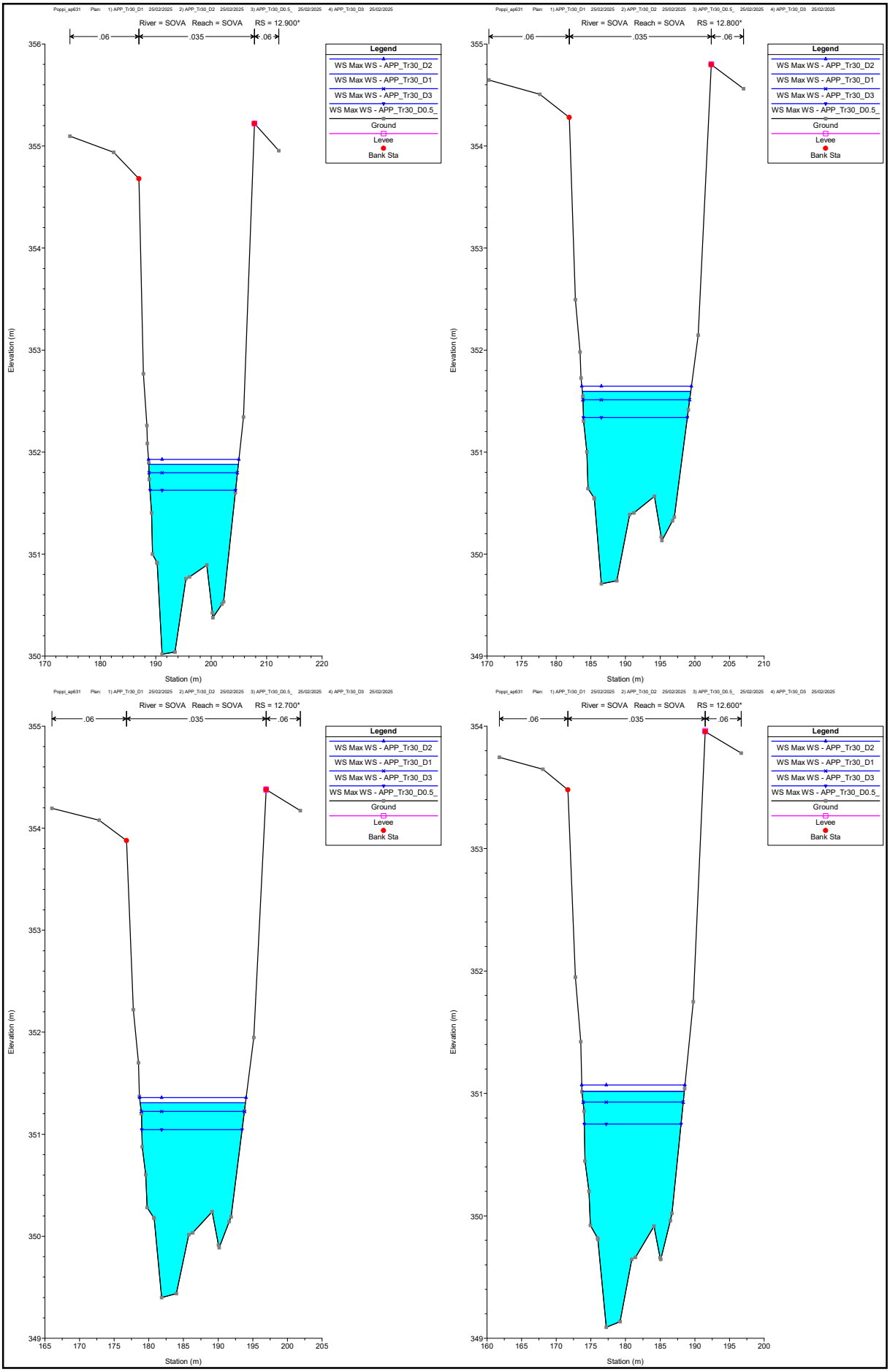
River = SOVA Reach = SOVA RS = 13.273*
.06
.035
.06
Legend
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D0.5_
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = SOVA Reach = SOVA RS = 13.182*
.06
.035
.06
Legend
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D0.5_
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = SOVA Reach = SOVA RS = 13.091*
.06
.035
.06
Legend
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D0.5_
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = SOVA Reach = SOVA RS = 13 SOV-17
.06
.035
.06
Legend
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D0.5_
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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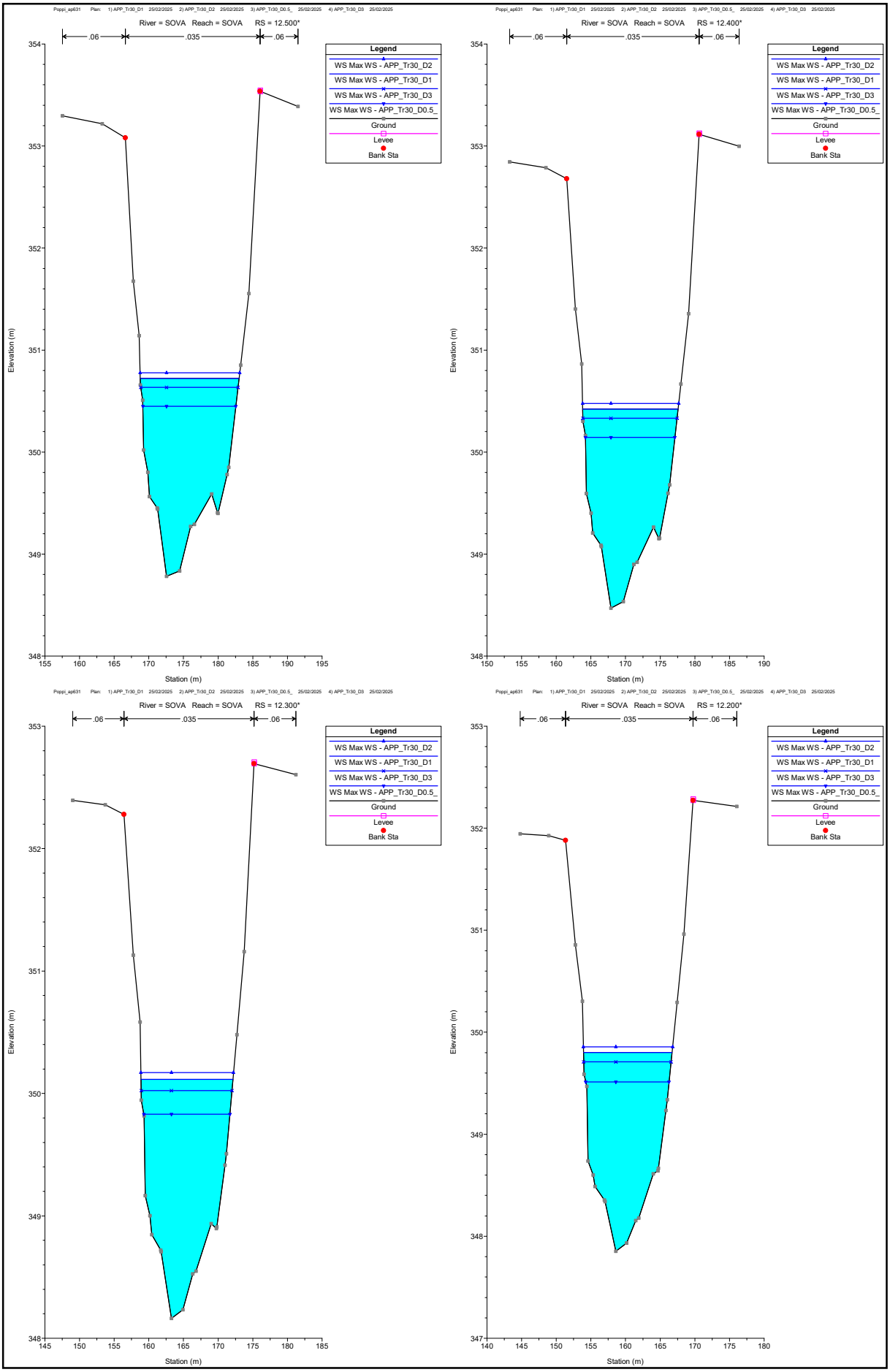
River = SOVA Reach = SOVA RS = 12.900*
.06
.035
.06
Legend
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D0.5_
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = SOVA Reach = SOVA RS = 12.800*
.06
.035
.06
Legend
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D0.5_
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = SOVA Reach = SOVA RS = 12.700*
.06
.035
.06
Legend
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D0.5_
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = SOVA Reach = SOVA RS = 12.600*
.06
.035
.06
Legend
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D0.5_
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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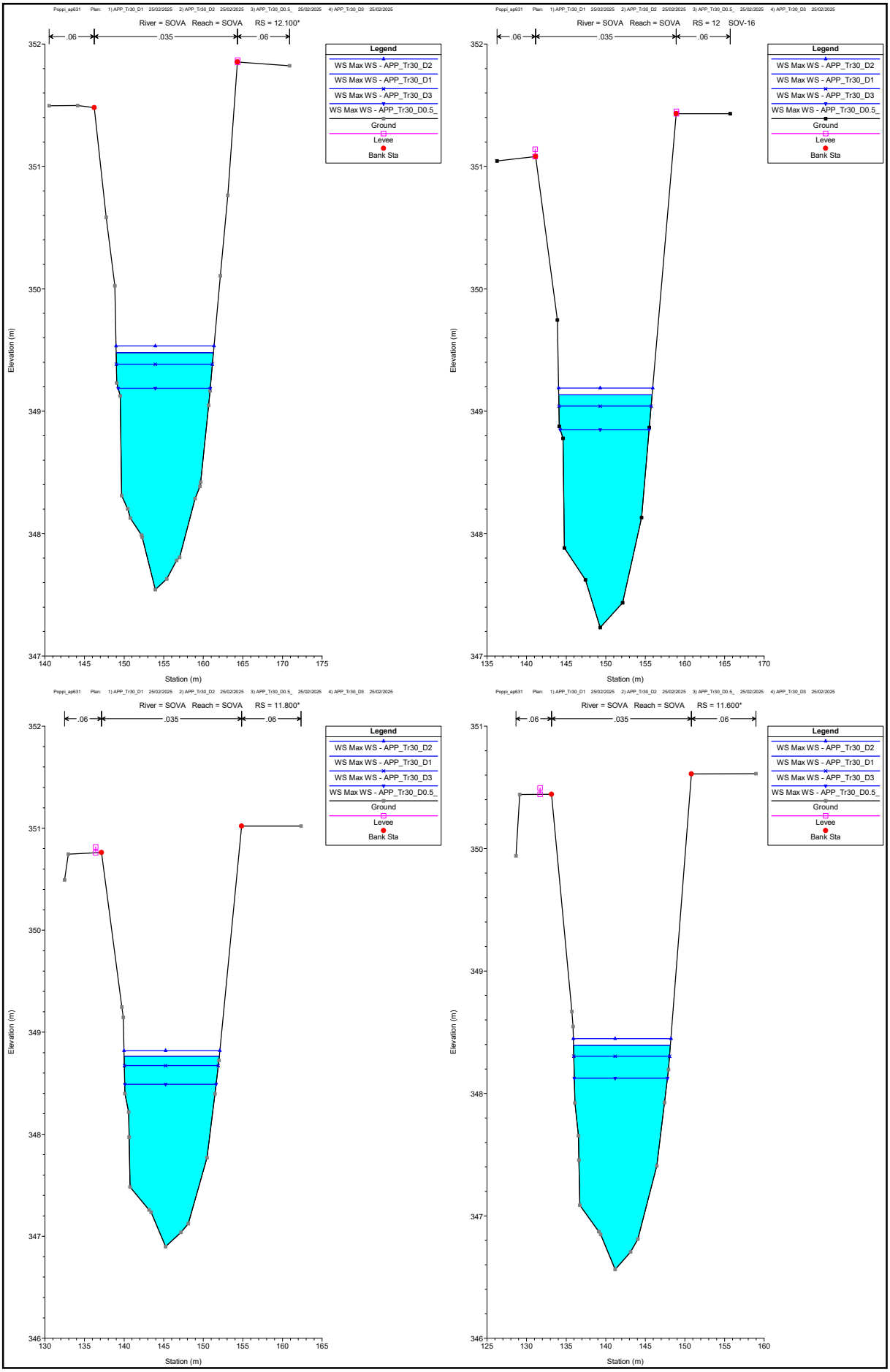
River = SOVA Reach = SOVA RS = 12.500*
.06 .035 .06
Legend
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D0.5_
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = SOVA Reach = SOVA RS = 12.400*
.06 .035 .06
Legend
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D0.5_
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = SOVA Reach = SOVA RS = 12.300*
.06 .035 .06
Legend
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D0.5_
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = SOVA Reach = SOVA RS = 12.200*
.06 .035 .06
Legend
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D0.5_
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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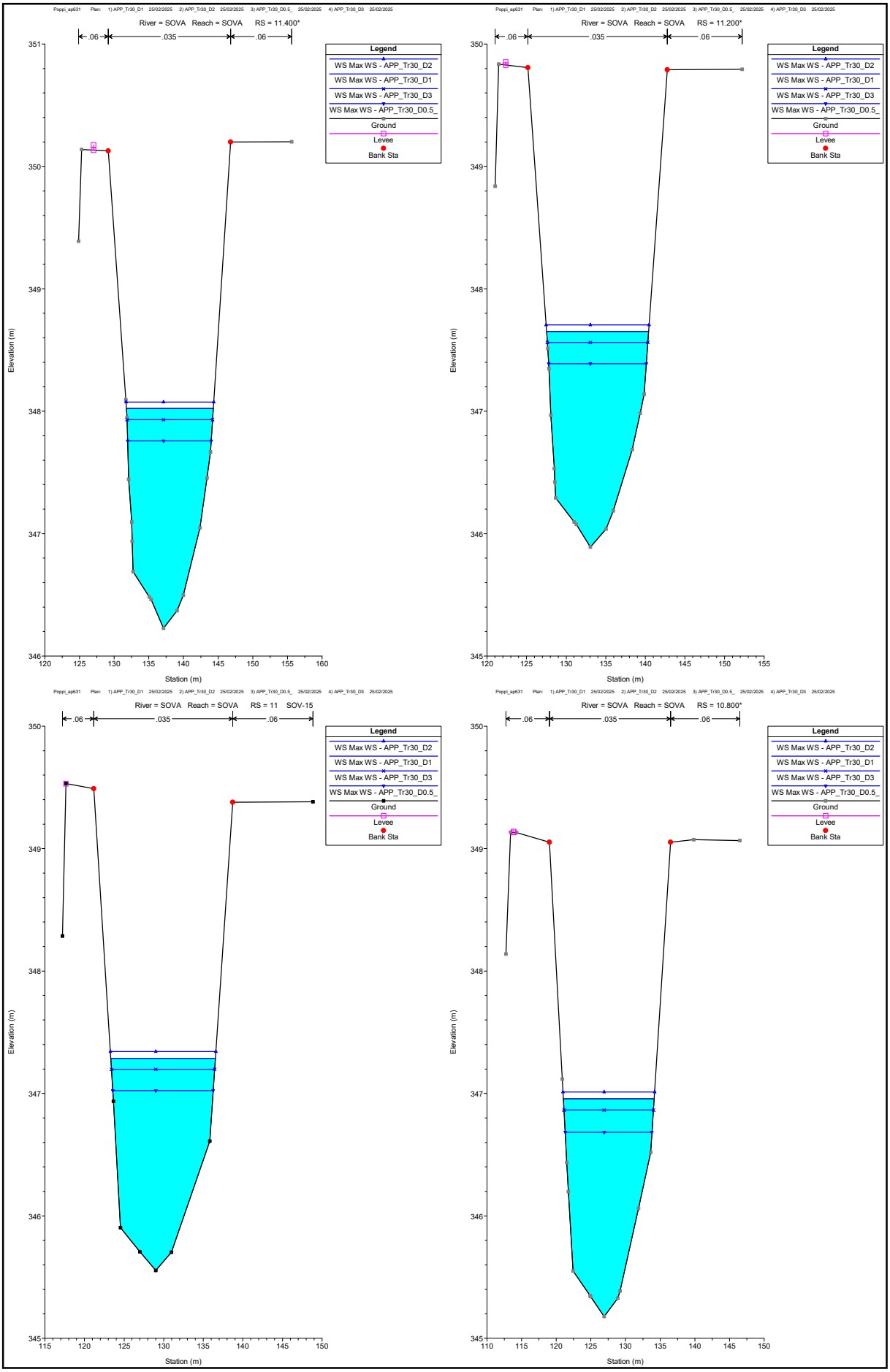
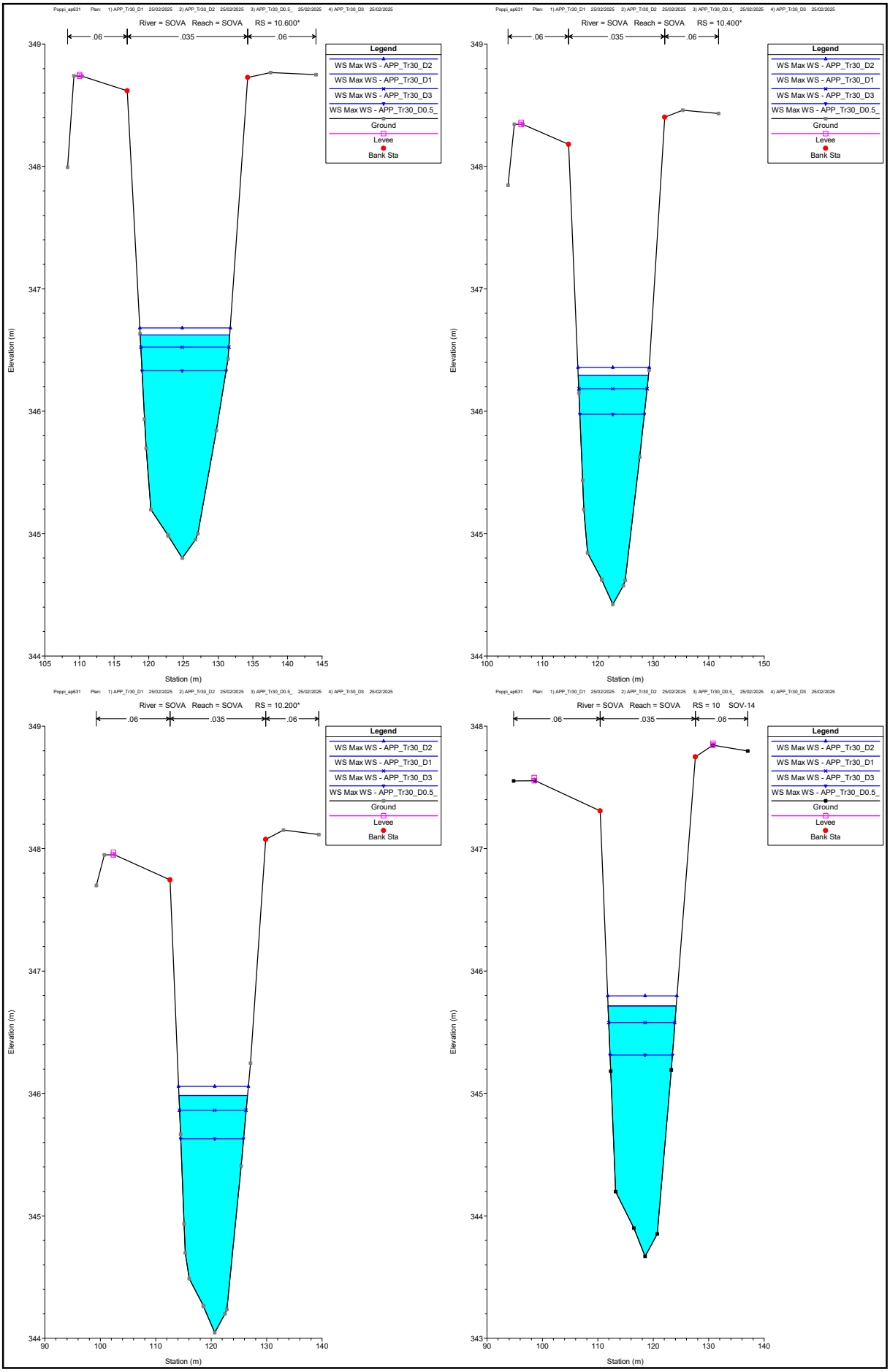
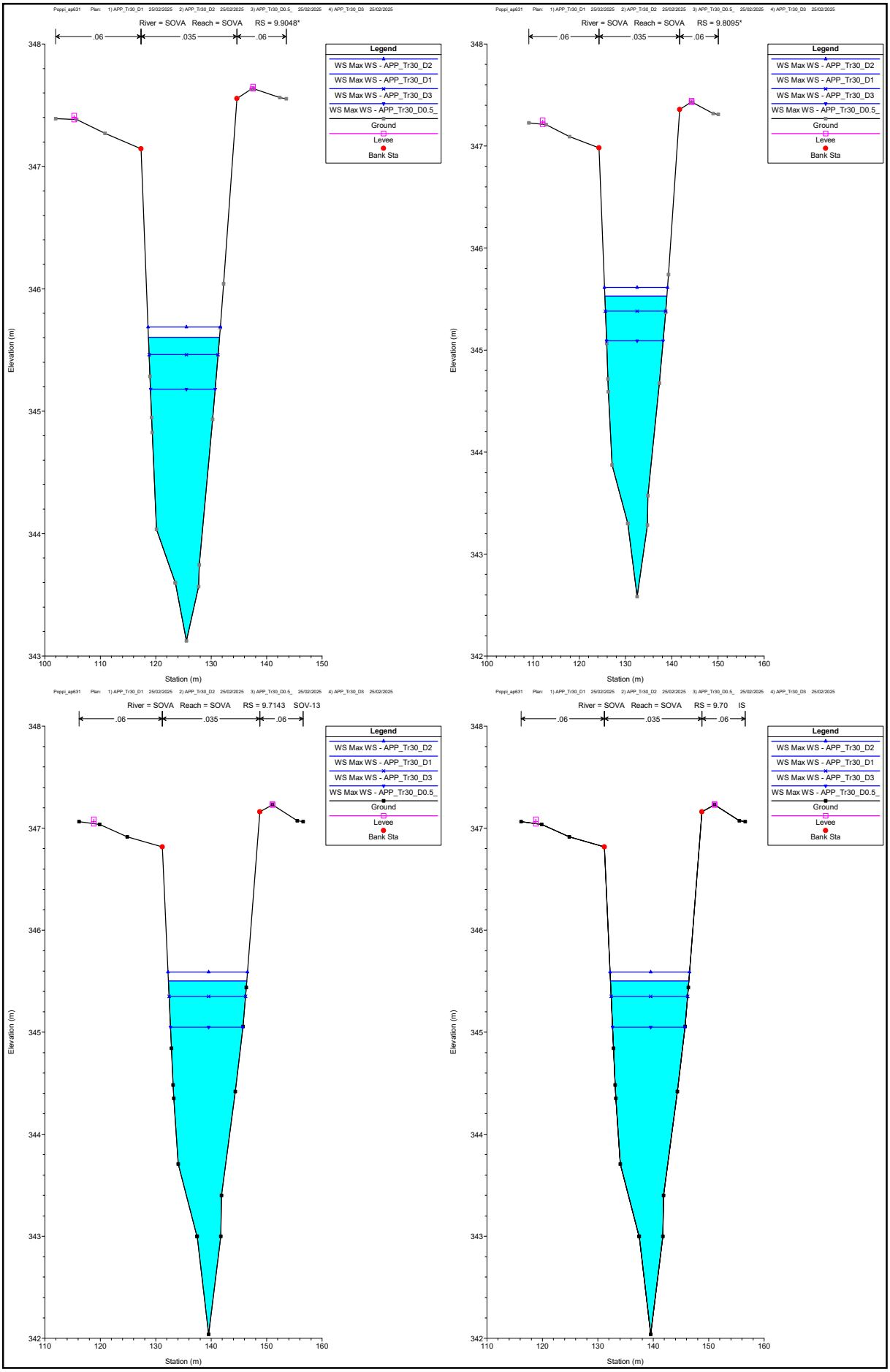
River = SOVA Reach = SOVA RS = 12.100*
.06
.035
.06
Legend
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D0.5_
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = SOVA Reach = SOVA RS = 12 SOV-16
.06
.035
.06
Legend
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D0.5_
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = SOVA Reach = SOVA RS = 11.800*
.06
.035
.06
Legend
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D0.5_
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = SOVA Reach = SOVA RS = 11.600*
.06
.035
.06
Legend
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D0.5_
Ground
Levee
Bank Sta
Elevation (m)
Station (m)


Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = SOVA Reach = SOVA RS = 11.400*
.06
.035
.06
Legend
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D0.5_
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = SOVA Reach = SOVA RS = 11.200*
.06
.035
.06
Legend
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D0.5_
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = SOVA Reach = SOVA RS = 11 SOV-15
.06
.035
.06
Legend
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D0.5_
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = SOVA Reach = SOVA RS = 10.800*
.06
.035
.06
Legend
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D0.5_
Ground
Levee
Bank Sta
Elevation (m)
Station (m)


Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = SOVA Reach = SOVA RS = 10.600*
.06
.035
.06
Legend
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D0.5_
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = SOVA Reach = SOVA RS = 10.400*
.06
.035
.06
Legend
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D0.5_
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = SOVA Reach = SOVA RS = 10.200*
.06
.035
.06
Legend
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D0.5_
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = SOVA Reach = SOVA RS = 10 SOV-14
.06
.035
.06
Legend
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D0.5_
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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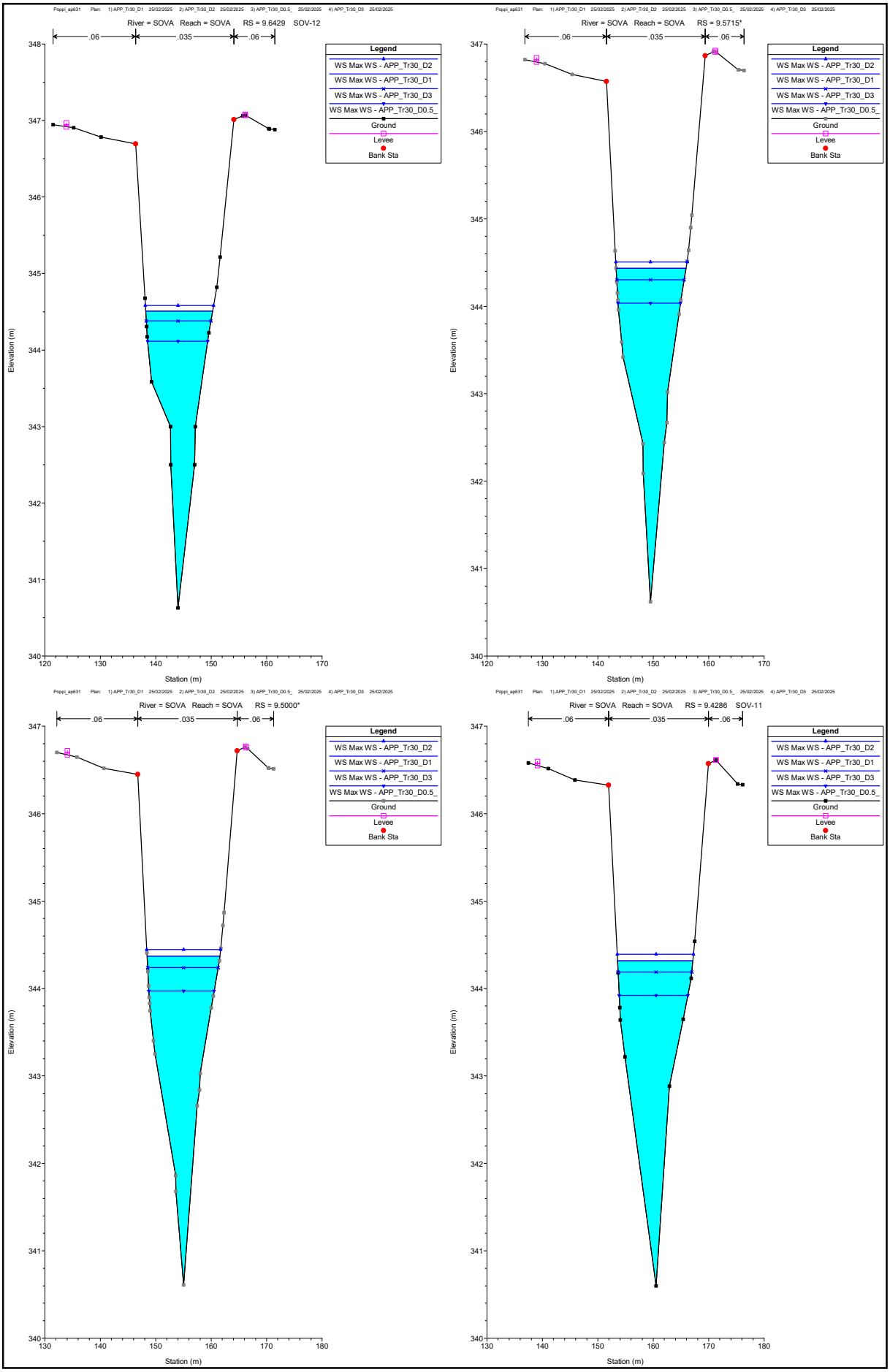
River = SOVA Reach = SOVA RS = 9.9048*
.06 .035 .06
Legend
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D0.5_
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = SOVA Reach = SOVA RS = 9.8095*
.06 .035 .06
Legend
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D0.5_
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = SOVA Reach = SOVA RS = 9.7143 SOV-13
.06 .035 .06
Legend
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D0.5_
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = SOVA Reach = SOVA RS = 9.70 IS
.06 .035 .06
Legend
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D0.5_
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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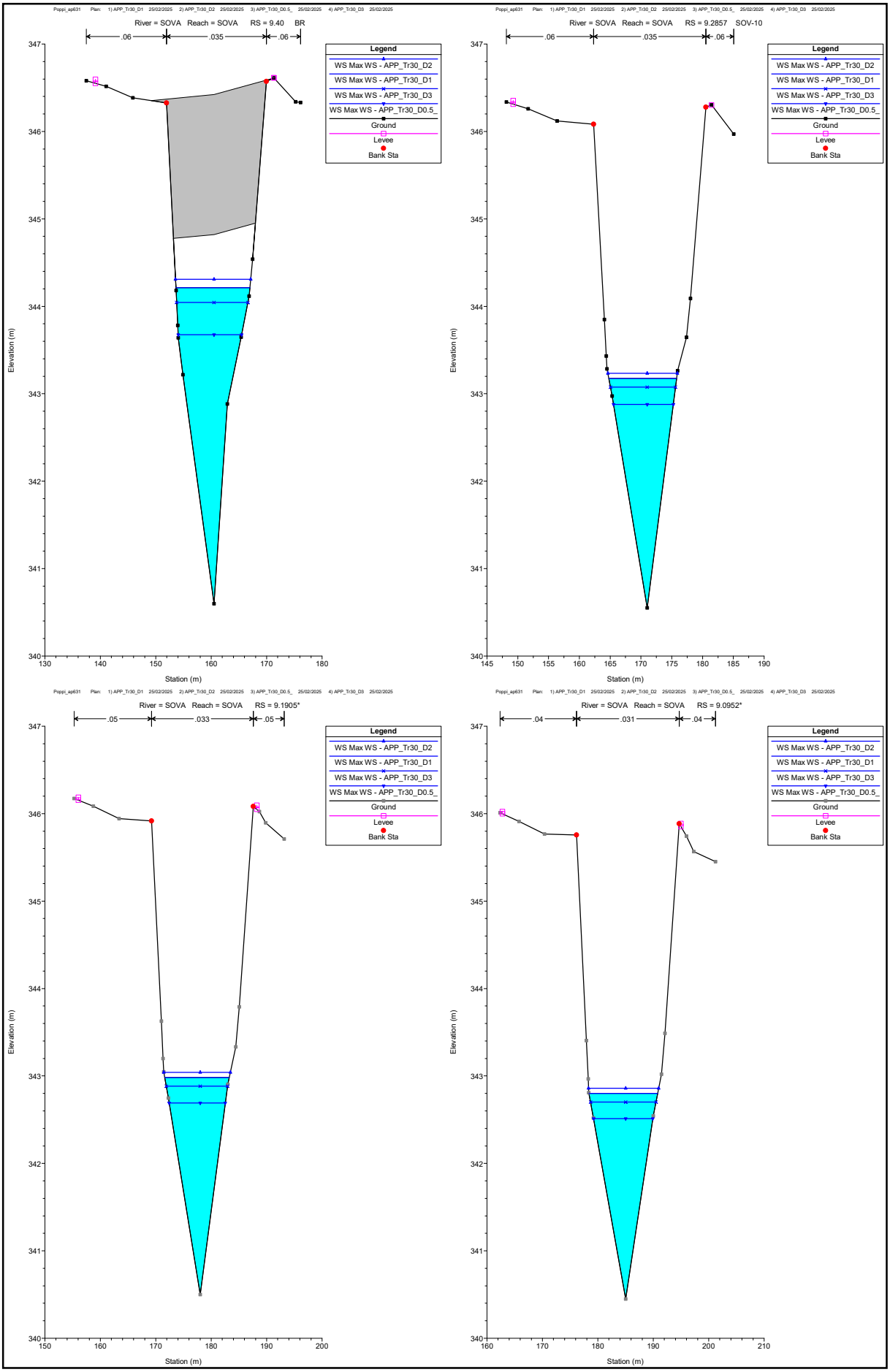
River = SOVA Reach = SOVA RS = 9.6429 SOV-12
.06 .035 .06
Legend
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D0.5_
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = SOVA Reach = SOVA RS = 9.5715*
.06 .035 .06
Legend
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D0.5_
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = SOVA Reach = SOVA RS = 9.5000*
.06 .035 .06
Legend
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D0.5_
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = SOVA Reach = SOVA RS = 9.4286 SOV-11
.06 .035 .06
Legend
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D0.5_
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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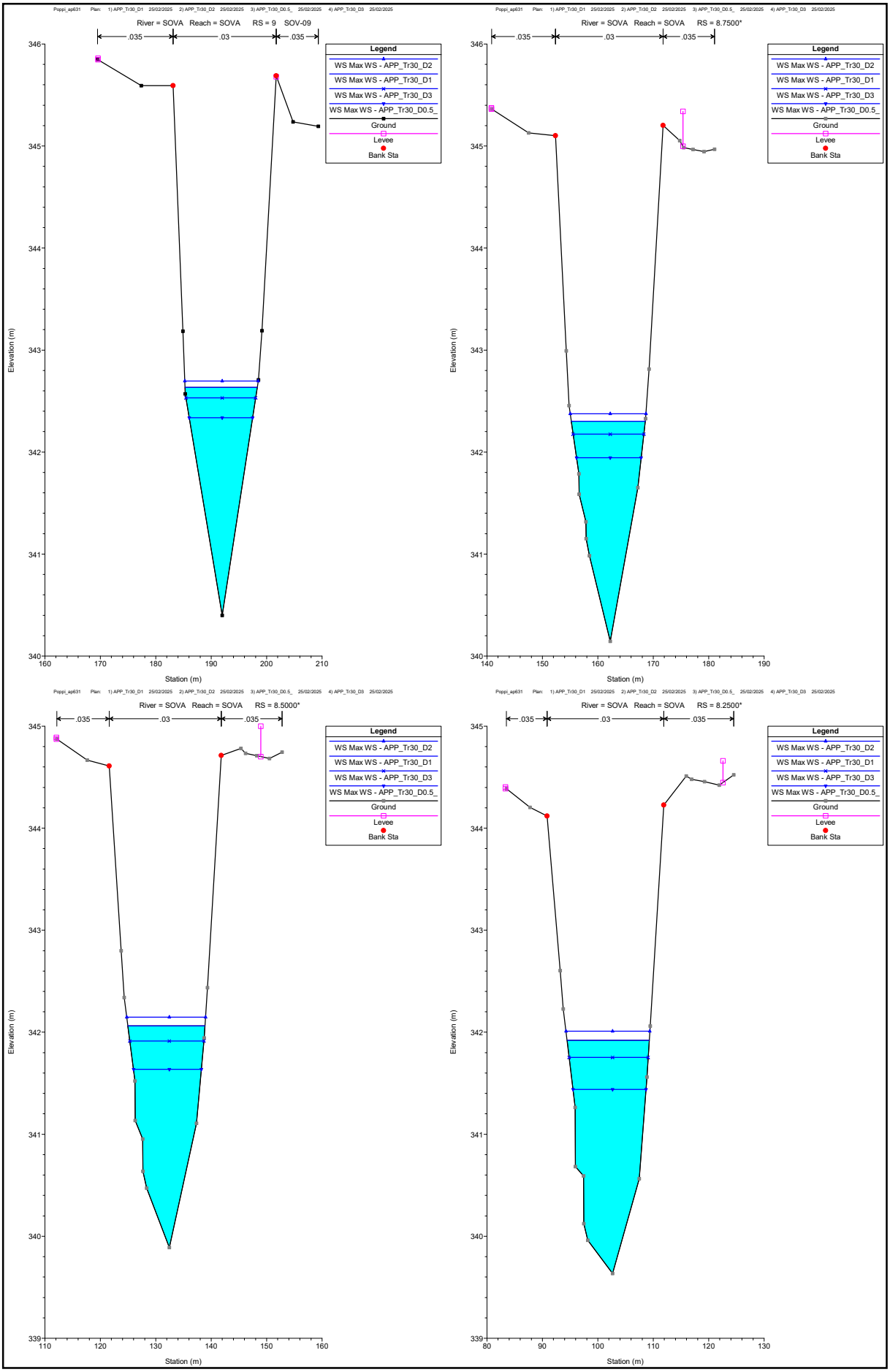
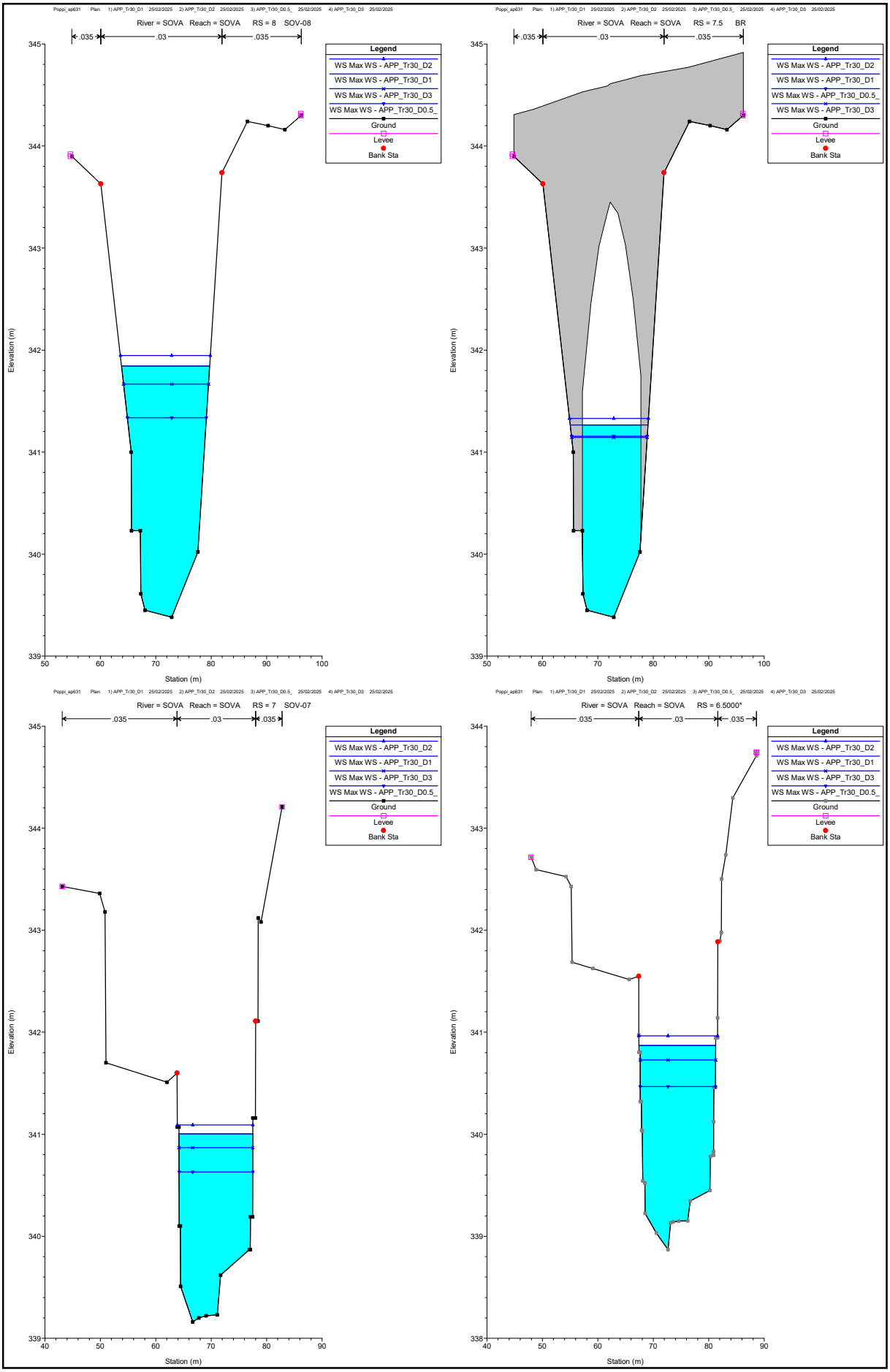
River = SOVA Reach = SOVA RS = 9.40 BR
.06
.035
.06
Legend
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D0.5_
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = SOVA Reach = SOVA RS = 9.2857 SOV-10
.06
.035
.06
Legend
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D0.5_
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = SOVA Reach = SOVA RS = 9.1905*
.05
.033
.05
Legend
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D0.5_
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = SOVA Reach = SOVA RS = 9.0952*
.04
.031
.04
Legend
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D0.5_
Ground
Levee
Bank Sta
Elevation (m)
Station (m)


River = SOVA Reach = SOVA RS = 9 SOV-09
.035
.03
.035
Legend
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D0.5_
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
River = SOVA Reach = SOVA RS = 8.7500*
River = SOVA Reach = SOVA RS = 8.5000*
River = SOVA Reach = SOVA RS = 8.2500*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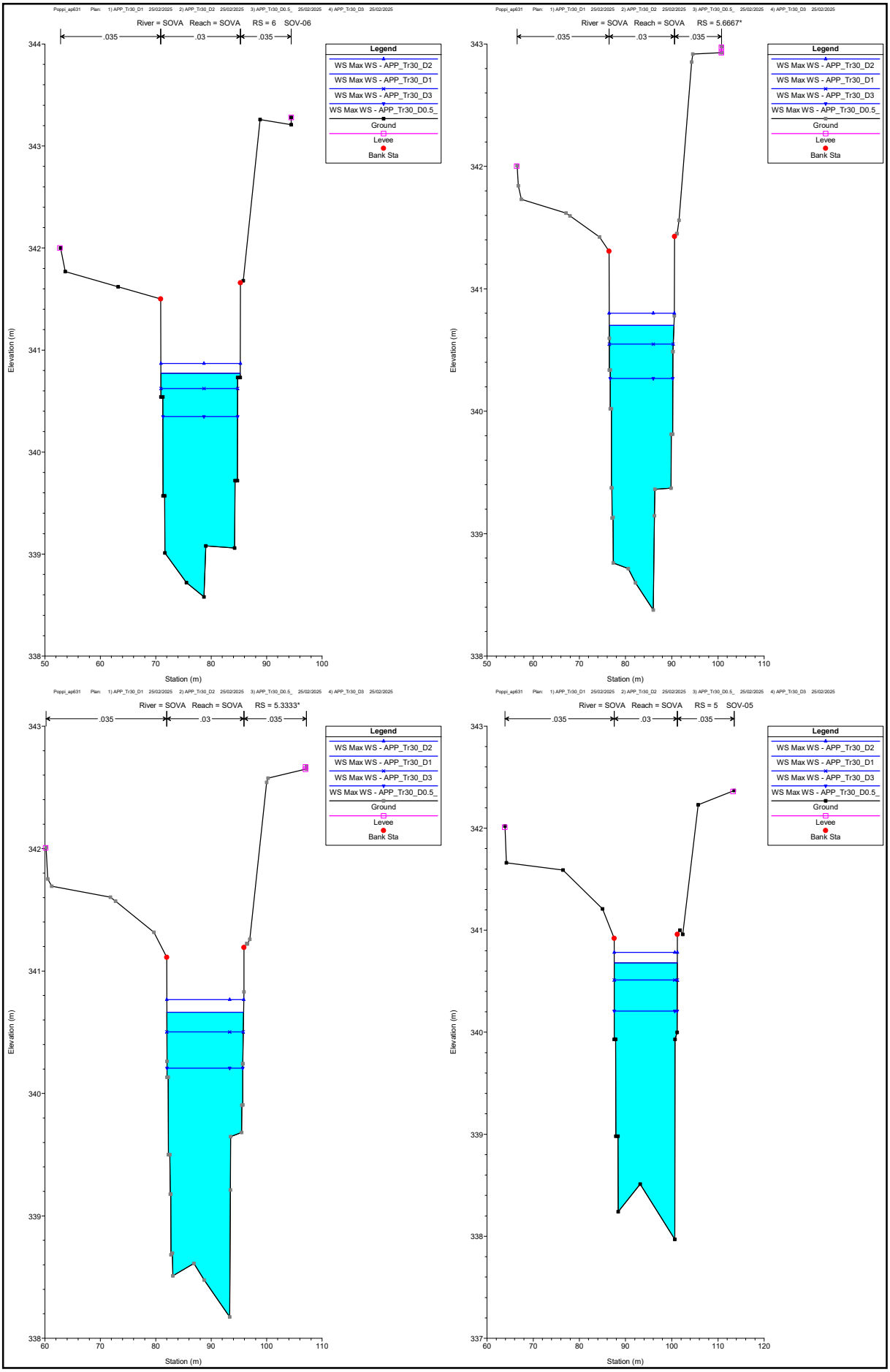
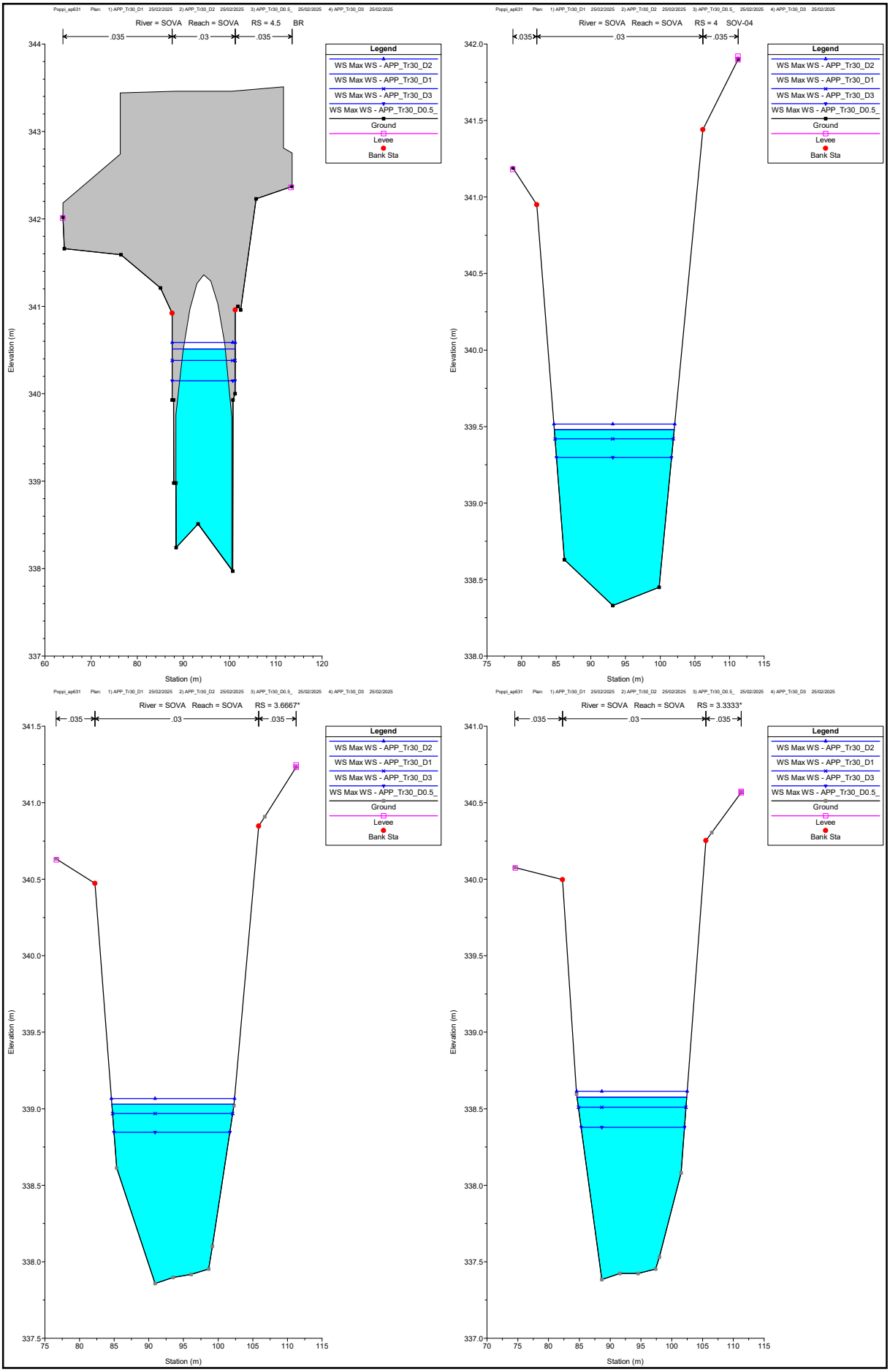
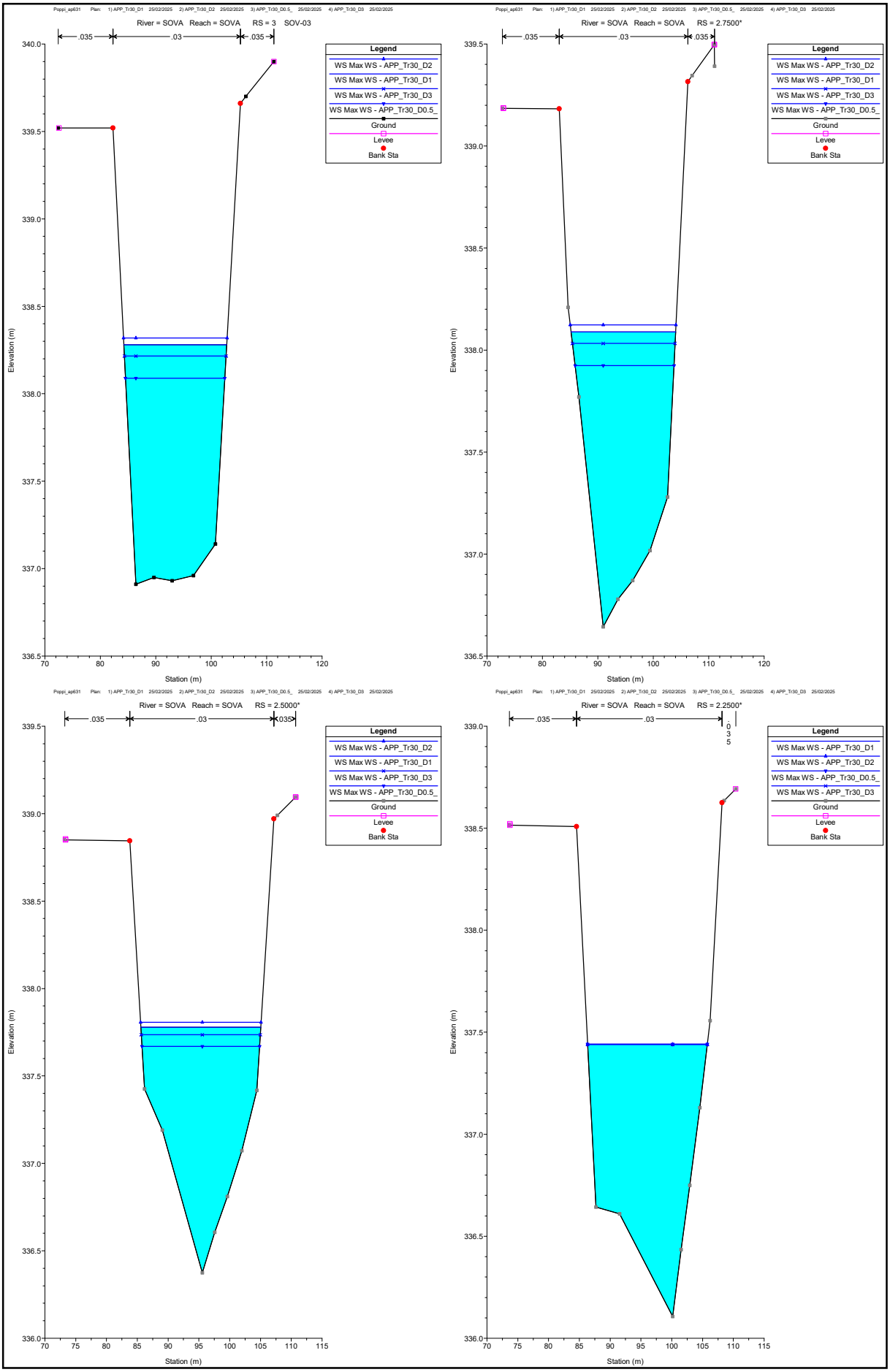
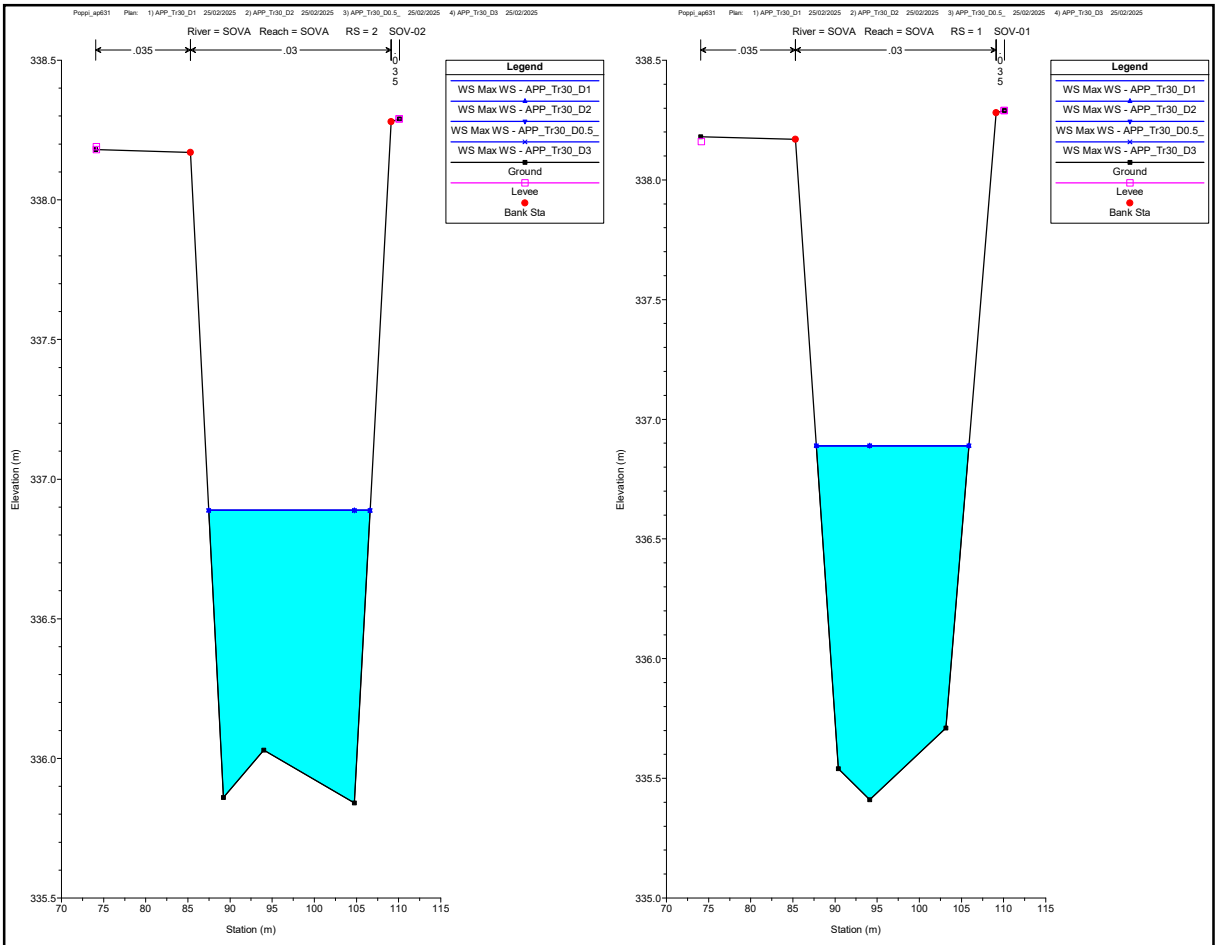
River = SOVA Reach = SOVA RS = 8 SOV-08
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D0.5_
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = SOVA Reach = SOVA RS = 7.5 BR
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = SOVA Reach = SOVA RS = 7 SOV-07
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D0.5_
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = SOVA Reach = SOVA RS = 6.5000*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D0.5_
Ground
Levee
Bank Sta
Elevation (m)
Station (m)


Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = SOVA Reach = SOVA RS = 6 SOV-06
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D0.5_
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = SOVA Reach = SOVA RS = 5.6667*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D0.5_
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = SOVA Reach = SOVA RS = 5.3333*
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D0.5_
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = SOVA Reach = SOVA RS = 5 SOV-05
.035 .03 .035
Legend
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D0.5_
Ground
Levee
Bank Sta
Elevation (m)
Station (m)


Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = SOVA Reach = SOVA RS = 4.5 BR
.035
.03
.035
Legend
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D0.5_
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = SOVA Reach = SOVA RS = 4 SOV-04
.035
.03
.035
Legend
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D0.5_
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = SOVA Reach = SOVA RS = 3.6667*
.035
.03
.035
Legend
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D0.5_
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = SOVA Reach = SOVA RS = 3.3333*
.035
.03
.035
Legend
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D0.5_
Ground
Levee
Bank Sta
Elevation (m)
Station (m)


Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = SOVA Reach = SOVA RS = 3 SOV-03
.035
.03
.035
Legend
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D0.5_
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = SOVA Reach = SOVA RS = 2.7500*
.035
.03
.035
Legend
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D0.5_
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = SOVA Reach = SOVA RS = 2.5000*
.035
.03
.035
Legend
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D0.5_
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = SOVA Reach = SOVA RS = 2.2500*
.035
.03
.035
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)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River = SOVA Reach = SOVA RS = 2 SOV-02
.035
.03
0
3
5
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Poppi_ap631 Plan: 1) APP_Tr30_D1 25/02/2025 2) APP_Tr30_D2 25/02/2025 3) APP_Tr30_D0.5_ 25/02/2025 4) APP_Tr30_D3 25/02/2025
River = SOVA Reach = SOVA RS = 1 SOV-01
.035
.03
0
3
5
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D2
WS Max WS - APP_Tr30_D0.5_
WS Max WS - APP_Tr30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)

ALLEGATI

MODELLAZIONE HEC-RAS 6.3.1 "POPPI_AP631"

SOVA

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 0.5, 1, 2 e 3h

Dati idraulici

HEC-RAS River: SOVA Reach: SOVA Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
SOVA	14	Max WS	APP_Tr30_D1	73.10	354.55	356.39	356.63	357.43	0.020408	4.52			16.17	12.54	1.27
SOVA	14	Max WS	APP_Tr30_D2	77.50	354.55	356.43	356.69	357.52	0.020556	4.62			16.77	12.63	1.28
SOVA	14	Max WS	APP_Tr30_D0.5_	52.10	354.55	356.12	356.30	356.95	0.020327	4.03			12.92	12.04	1.24
SOVA	14	Max WS	APP_Tr30_D3	65.60	354.55	356.29	356.51	357.27	0.020490	4.37			15.02	12.37	1.27
SOVA	13.909*	Max WS	APP_Tr30_D1	73.09	354.16	355.99	356.22	357.01	0.020313	4.49			16.29	12.84	1.27
SOVA	13.909*	Max WS	APP_Tr30_D2	77.49	354.16	356.04	356.28	357.11	0.020438	4.58			16.91	12.94	1.28
SOVA	13.909*	Max WS	APP_Tr30_D0.5_	52.10	354.16	355.73	355.90	356.54	0.020238	4.00			13.02	12.33	1.24
SOVA	13.909*	Max WS	APP_Tr30_D3	65.60	354.16	355.90	356.12	356.86	0.020444	4.34			15.12	12.66	1.27
SOVA	13.818*	Max WS	APP_Tr30_D1	73.07	353.78	355.59	355.82	356.60	0.020282	4.45			16.41	13.15	1.27
SOVA	13.818*	Max WS	APP_Tr30_D2	77.49	353.78	355.64	355.89	356.69	0.020340	4.55			17.05	13.25	1.28
SOVA	13.818*	Max WS	APP_Tr30_D0.5_	52.09	353.78	355.34	355.51	356.14	0.020167	3.97			13.14	12.63	1.24
SOVA	13.818*	Max WS	APP_Tr30_D3	65.59	353.78	355.50	355.71	356.44	0.020423	4.31			15.23	12.97	1.27
SOVA	13.727*	Max WS	APP_Tr30_D1	73.06	353.40	355.19	355.42	356.19	0.020268	4.42			16.54	13.47	1.27
SOVA	13.727*	Max WS	APP_Tr30_D2	77.49	353.40	355.24	355.49	356.28	0.020274	4.51			17.19	13.57	1.28
SOVA	13.727*	Max WS	APP_Tr30_D0.5_	52.09	353.40	354.94	355.11	355.73	0.020113	3.93			13.25	12.94	1.24
SOVA	13.727*	Max WS	APP_Tr30_D3	65.59	353.40	355.10	355.32	356.03	0.020402	4.27			15.36	13.28	1.27
SOVA	13.636*	Max WS	APP_Tr30_D1	73.05	353.01	354.80	355.02	355.78	0.020242	4.38			16.67	13.79	1.27
SOVA	13.636*	Max WS	APP_Tr30_D2	77.49	353.01	354.85	355.08	355.86	0.020186	4.46			17.36	13.90	1.28
SOVA	13.636*	Max WS	APP_Tr30_D0.5_	52.09	353.01	354.55	354.72	355.33	0.020042	3.89			13.38	13.24	1.24
SOVA	13.636*	Max WS	APP_Tr30_D3	65.59	353.01	354.71	354.92	355.62	0.020379	4.23			15.49	13.59	1.27
SOVA	13.545*	Max WS	APP_Tr30_D1	73.05	352.63	354.40	354.62	355.36	0.020227	4.34			16.82	14.11	1.27
SOVA	13.545*	Max WS	APP_Tr30_D2	77.48	352.63	354.45	354.68	355.45	0.020116	4.42			17.52	14.23	1.27
SOVA	13.545*	Max WS	APP_Tr30_D0.5_	52.08	352.63	354.16	354.32	354.92	0.019978	3.86			13.51	13.55	1.23
SOVA	13.545*	Max WS	APP_Tr30_D3	65.59	352.63	354.32	354.52	355.21	0.020339	4.20			15.63	13.92	1.26
SOVA	13.455*	Max WS	APP_Tr30_D1	73.04	352.25	354.01	354.22	354.95	0.020186	4.30			16.98	14.45	1.27
SOVA	13.455*	Max WS	APP_Tr30_D2	77.48	352.25	354.06	354.29	355.03	0.020056	4.38			17.70	14.57	1.27
SOVA	13.455*	Max WS	APP_Tr30_D0.5_	52.08	352.25	353.77	353.93	354.52	0.019947	3.82			13.64	13.87	1.23
SOVA	13.455*	Max WS	APP_Tr30_D3	65.59	352.25	353.92	354.12	354.80	0.020319	4.16			15.78	14.25	1.26
SOVA	13.364*	Max WS	APP_Tr30_D1	73.04	351.86	353.62	353.82	354.54	0.020117	4.26			17.16	14.80	1.26
SOVA	13.364*	Max WS	APP_Tr30_D2	77.48	351.86	353.66	353.88	354.62	0.019983	4.33			17.89	14.92	1.26
SOVA	13.364*	Max WS	APP_Tr30_D0.5_	52.08	351.86	353.38	353.53	354.11	0.019848	3.78			13.79	14.20	1.22
SOVA	13.364*	Max WS	APP_Tr30_D3	65.59	351.86	353.53	353.73	354.40	0.020250	4.11			15.95	14.59	1.26
SOVA	13.273*	Max WS	APP_Tr30_D1	73.03	351.48	353.23	353.42	354.13	0.019908	4.20			17.39	15.16	1.25
SOVA	13.273*	Max WS	APP_Tr30_D2	77.48	351.48	353.28	353.48	354.21	0.019769	4.27			18.13	15.29	1.25
SOVA	13.273*	Max WS	APP_Tr30_D0.5_	52.08	351.48	353.00	353.14	353.71	0.019752	3.73			13.96	14.53	1.22
SOVA	13.273*	Max WS	APP_Tr30_D3	65.58	351.48	353.14	353.33	353.98	0.020079	4.06			16.15	14.94	1.25
SOVA	13.182*	Max WS	APP_Tr30_D1	73.03	351.09	352.85	353.03	353.71	0.019352	4.12			17.74	15.56	1.23
SOVA	13.182*	Max WS	APP_Tr30_D2	77.47	351.09	352.89	353.08	353.79	0.019230	4.19			18.49	15.69	1.23
SOVA	13.182*	Max WS	APP_Tr30_D0.5_	52.07	351.09	352.61	352.74	353.30	0.019508	3.68			14.16	14.89	1.20
SOVA	13.182*	Max WS	APP_Tr30_D3	65.58	351.09	352.76	352.93	353.57	0.019594	3.99			16.46	15.32	1.23
SOVA	13.091*	Max WS	APP_Tr30_D1	73.02	350.71	352.48	352.62	353.29	0.017945	3.97			18.39	16.03	1.18
SOVA	13.091*	Max WS	APP_Tr30_D2	77.47	350.71	352.53	352.68	353.36	0.017893	4.05			19.14	16.17	1.19
SOVA	13.091*	Max WS	APP_Tr30_D0.5_	52.07	350.71	352.24	352.35	352.89	0.018485	3.57			14.57	15.30	1.17
SOVA	13.091*	Max WS	APP_Tr30_D3	65.58	350.71	352.40	352.53	353.15	0.018190	3.85			17.05	15.78	1.18
SOVA	13	Max WS	APP_Tr30_D1	73.02	350.33	352.16	352.23	352.86	0.014999	3.70			19.75	16.65	1.08
SOVA	13	Max WS	APP_Tr30_D2	77.47	350.33	352.21	352.29	352.93	0.015020	3.77			20.53	16.80	1.09
SOVA	13	Max WS	APP_Tr30_D0.5_	52.07	350.33	351.91	351.96	352.47	0.015348	3.32			15.67	15.86	1.07
SOVA	13	Max WS	APP_Tr30_D3	65.58	350.33	352.08	352.14	352.73	0.015062	3.57			18.36	16.39	1.08
SOVA	12.900*	Max WS	APP_Tr30_D1	73.01	350.02	351.88	351.96	352.60	0.015232	3.77			19.38	16.15	1.10
SOVA	12.900*	Max WS	APP_Tr30_D2	77.47	350.02	351.93	352.02	352.68	0.015216	3.84			20.17	16.29	1.10
SOVA	12.900*	Max WS	APP_Tr30_D0.5_	52.07	350.02	351.63	351.69	352.21	0.015618	3.39			15.37	15.41	1.08
SOVA	12.900*	Max WS	APP_Tr30_D3	65.58	350.02	351.80	351.87	352.47	0.015244	3.63			18.05	15.93	1.09
SOVA	12.800*	Max WS	APP_Tr30_D1	73.00	349.71	351.60	351.69	352.35	0.015466	3.84			19.03	15.65	1.11
SOVA	12.800*	Max WS	APP_Tr30_D2	77.46	349.71	351.65	351.75	352.42	0.015439	3.91			19.82	15.82	1.12
SOVA	12.800*	Max WS	APP_Tr30_D0.5_	52.06	349.71	351.34	351.40	351.95	0.015891	3.45			15.09	14.99	1.10
SOVA	12.800*	Max WS	APP_Tr30_D3	65.58	349.71	351.51	351.60	352.21	0.015396	3.70			17.74	15.40	1.10
SOVA	12.700*	Max WS	APP_Tr30_D1	73.00	349.40	351.31	351.41	352.09	0.015710	3.90			18.69	15.19	1.12
SOVA	12.700*	Max WS	APP_Tr30_D2	77.46	349.40	351.36	351.48	352.17	0.015680	3.98			19.48	15.38	1.13
SOVA	12.700*	Max WS	APP_Tr30_D0.5_	52.06	349.40	351.05	351.13	351.68	0.016060	3.51			14.81	14.47	1.11
SOVA	12.700*	Max WS	APP_Tr30_D3	65.57	349.40	351.22	351.32	351.95	0.015603	3.77			17.42	14.89	1.11
SOVA	12.600*	Max WS	APP_Tr30_D1	72.99	349.09	351.02	351.14	351.82	0.015978	3.97			18.38	14.77	1.14
SOVA	12.600*	Max WS	APP_Tr30_D2	77.46	349.09	351.07	351.19	351.90	0.015877	4.04			19.16	14.88	1.14
SOVA	12.600*	Max WS	APP_Tr30_D0.5_	52.06	349.09	350.75	350.84	351.40	0.016225	3.58			14.55	13.94	1.12
SOVA	12.600*	Max WS	APP_Tr30_D3	65.57	349.09	350.93	351.03	351.68	0.015870	3.83			17.11	14.45	1.12
SOVA	12.500*	Max WS	APP_Tr30_D1	72.99	348.78	350.72	350.85	351.55	0.016183	4.04			18.06	14.26	1.15
SOVA	12.500*	Max WS	APP_Tr30_D2	77.46	348.78	350.78	350.91	351.64	0.016087	4.11			18.83	14.38	1.15
SOVA	12.500*	Max WS	APP_Tr30_D0.5_	52.06	348.78	350.45	350.55	351.13	0.016417	3.65			14.28	13.42	1.13
SOVA	12.500*	Max WS	APP_Tr30_D3	65.57	348.78	350.63	350.75	351.41	0.016162	3.90			16.81	14.03	1.14
SOVA	12.400*	Max WS	APP_Tr30_D1	72.98	348.47	350.42	350.56	351.28	0.016417	4.11			17.76	13.76	1.16
SOVA	12.400*	Max WS	APP_Tr30_D2	77.46	348.47	350.48	350.62	351.37	0.016343	4.19			18.51	13.87	1.16
SOVA	12.400*	Max WS	APP_Tr30_D0.5_	52.06	348.47	350.14	350.25	350.85	0.016612	3.71			14.02	12.90	1.14
SOVA	12.400*	Max WS	APP_Tr30_D3	65.57	348.47	350.33	350.45	351.13	0.016434	3.97			16.53	13.59	1.15
SOVA	12.300*	Max WS	APP_Tr30_D1	72.98	348.16	350.12	350.27	351.01	0.016746	4.19			17.43	13.27	1.17
SOVA	12.300*	Max WS	APP_Tr30_D2	77.45	348.16	350.17	350.33	351.10	0.016667	4.26			18.17	13.37	1.17
SOVA	12.300*	Max WS	APP_Tr30_D0.5_	52.06	348.16	349.83	349.96	350.56	0.016937	3.78			13.75	12.43	1.15
SOVA	12.300*	Max WS	APP_Tr30_D3	65.57	348.16	350.02	350.16	350.86	0.016733	4.04			16.23	13.10	1.16
SOVA	12.200*	Max WS	APP_Tr30_D1	72.98	347.85	349.80	349.97	350.73	0.017180	4.27			17.09	12.77	1.18
SOVA	12.200*	Max WS	APP_Tr30_D2	77.45	347.85	349.86	350.03	350.82	0.017145	4.35			17.80	12.87	1.18
SOVA	12.200*	Max WS	APP_Tr30_D0.5_	52.05	347.85	349.51	349.65	350.27	0.017438	3.86			13.48	12.02	1.16
SOVA	12.200*	Max WS	APP_Tr30_D3	65.57	347.85	349.71	349.86	350.58	0.017143	4.12			15.91	12.61	1.17
SOVA	12.100*	Max WS	APP_Tr30_D1	72.97	347.54	349.48	349.66	350.45	0.017871	4.37			16.69	12.29	1.20
SOVA	12.100*	Max WS	APP_Tr30_D2	77.45	347.54	349.53	349.73	350.55	0.017873	4.46			17.37	12.38	1.20
SOVA	12.100*	Max WS	APP_Tr30_D0.5_	52.05	347.54	349.19	349.33	349.98	0.018069	3.94			13.20	11.63	1.18
SOVA	12.100*	Max WS	APP_Tr30_D3	65.57	347.54	349.39	349.55	350.29	0.017764	4.21			15.56	12.13	1.19
SOVA	12	Max WS	APP_Tr30_D1	72.97	347.23	349.13	349.36	350.18	0.019211	4.52			16.13	11.79	1.23
SOVA	12	Max WS	APP_Tr30_D2	77.45	347.23	349.19	349.42	350.27	0.019235	4.61			16.79	11.88	1.24
SOVA	12	Max WS	APP_Tr30_D0.5_	52.05	347.23	348.85	349.02	349.69	0.019074	4.05			12.85	11.22	1.21
SOVA	12	Max WS	APP_Tr30_D3	65.57	347.23	349.04	349.23	350.01	0.019049	4.35			15.06	11.64	1.22

HEC-RAS River: SOVA Reach: SOVA Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
SOVA	11.800*	Max WS	APP_Tr30_D1	72.97	346.90	348.76	348.98	349.80	0.019268	4.51			16.17	12.02	1.24
SOVA	11.800*	Max WS	APP_Tr30_D2	77.45	346.90	348.82	349.05	349.90	0.019279	4.60			16.83	12.10	1.25
SOVA	11.800*	Max WS	APP_Tr30_D0.5_	52.05	346.90	348.49	348.66	349.32	0.019066	4.03			12.93	11.52	1.21
SOVA	11.800*	Max WS	APP_Tr30_D3	65.57	346.90	348.67	348.87	349.64	0.019141	4.35			15.08	11.86	1.23
SOVA	11.600*	Max WS	APP_Tr30_D1	72.96	346.56	348.39	348.62	349.43	0.019268	4.50			16.23	12.24	1.25
SOVA	11.600*	Max WS	APP_Tr30_D2	77.45	346.56	348.45	348.69	349.52	0.019304	4.59			16.88	12.33	1.25
SOVA	11.600*	Max WS	APP_Tr30_D0.5_	52.05	346.56	348.13	348.29	348.94	0.019073	4.01			12.99	11.78	1.22
SOVA	11.600*	Max WS	APP_Tr30_D3	65.57	346.56	348.30	348.51	349.26	0.019220	4.34			15.12	12.10	1.24
SOVA	11.400*	Max WS	APP_Tr30_D1	72.96	346.23	348.02	348.25	349.04	0.019282	4.47			16.31	12.53	1.25
SOVA	11.400*	Max WS	APP_Tr30_D2	77.45	346.23	348.08	348.31	349.14	0.019306	4.56			16.98	12.65	1.26
SOVA	11.400*	Max WS	APP_Tr30_D0.5_	52.05	346.23	347.76	347.93	348.57	0.019142	3.99			13.06	12.06	1.22
SOVA	11.400*	Max WS	APP_Tr30_D3	65.57	346.23	347.93	348.14	348.88	0.019216	4.32			15.19	12.34	1.24
SOVA	11.200*	Max WS	APP_Tr30_D1	72.96	345.89	347.65	347.88	348.65	0.019163	4.43			16.46	12.89	1.25
SOVA	11.200*	Max WS	APP_Tr30_D2	77.44	345.89	347.70	347.94	348.74	0.019128	4.52			17.15	13.00	1.26
SOVA	11.200*	Max WS	APP_Tr30_D0.5_	52.05	345.89	347.39	347.56	348.19	0.019125	3.96			13.15	12.33	1.22
SOVA	11.200*	Max WS	APP_Tr30_D3	65.57	345.89	347.56	347.77	348.50	0.019140	4.28			15.33	12.69	1.24
SOVA	11	Max WS	APP_Tr30_D1	72.96	345.56	347.29	347.49	348.25	0.018562	4.35			16.78	13.21	1.23
SOVA	11	Max WS	APP_Tr30_D2	77.44	345.56	347.34	347.55	348.34	0.018472	4.43			17.49	13.32	1.23
SOVA	11	Max WS	APP_Tr30_D0.5_	52.04	345.56	347.02	347.18	347.80	0.018845	3.90			13.34	12.67	1.21
SOVA	11	Max WS	APP_Tr30_D3	65.56	345.56	347.20	347.38	348.10	0.018656	4.20			15.60	13.03	1.23
SOVA	10.800*	Max WS	APP_Tr30_D1	72.95	345.18	346.96	347.17	347.94	0.018830	4.39			16.62	13.10	1.24
SOVA	10.800*	Max WS	APP_Tr30_D2	77.44	345.18	347.01	347.23	348.03	0.018695	4.47			17.34	13.21	1.25
SOVA	10.800*	Max WS	APP_Tr30_D0.5_	52.04	345.18	346.68	346.85	347.49	0.019608	3.97			13.09	12.52	1.24
SOVA	10.800*	Max WS	APP_Tr30_D3	65.56	345.18	346.86	347.06	347.79	0.019078	4.26			15.40	12.90	1.24
SOVA	10.600*	Max WS	APP_Tr30_D1	72.95	344.80	346.62	346.84	347.62	0.018922	4.42			16.50	12.94	1.25
SOVA	10.600*	Max WS	APP_Tr30_D2	77.44	344.80	346.68	346.91	347.71	0.018682	4.49			17.25	13.06	1.25
SOVA	10.600*	Max WS	APP_Tr30_D0.5_	52.04	344.80	346.33	346.52	347.17	0.020167	4.06			12.82	12.14	1.26
SOVA	10.600*	Max WS	APP_Tr30_D3	65.56	344.80	346.52	346.74	347.47	0.019462	4.31			15.21	12.72	1.26
SOVA	10.400*	Max WS	APP_Tr30_D1	72.94	344.42	346.29	346.51	347.29	0.018395	4.41			16.53	12.69	1.23
SOVA	10.400*	Max WS	APP_Tr30_D2	77.44	344.42	346.36	346.57	347.37	0.018030	4.46			17.36	12.88	1.23
SOVA	10.400*	Max WS	APP_Tr30_D0.5_	52.04	344.42	345.98	346.18	346.84	0.020042	4.11			12.66	11.64	1.26
SOVA	10.400*	Max WS	APP_Tr30_D3	65.56	344.42	346.18	346.40	347.14	0.019030	4.33			15.15	12.33	1.25
SOVA	10.200*	Max WS	APP_Tr30_D1	72.94	344.05	345.98	346.16	346.93	0.016594	4.30			16.95	12.38	1.17
SOVA	10.200*	Max WS	APP_Tr30_D2	77.44	344.05	346.06	346.23	347.02	0.016111	4.34			17.86	12.59	1.16
SOVA	10.200*	Max WS	APP_Tr30_D0.5_	52.04	344.05	345.63	345.81	346.48	0.019145	4.08			12.74	11.35	1.23
SOVA	10.200*	Max WS	APP_Tr30_D3	65.56	344.05	345.86	346.04	346.78	0.017423	4.24			15.46	12.03	1.19
SOVA	10	Max WS	APP_Tr30_D1	72.94	343.67	345.71	345.80	346.56	0.013784	4.06			17.96	12.30	1.07
SOVA	10	Max WS	APP_Tr30_D2	77.44	343.67	345.80	345.87	346.65	0.013288	4.08			18.97	12.51	1.06
SOVA	10	Max WS	APP_Tr30_D0.5_	52.04	343.67	345.31	345.45	346.10	0.016930	3.93			13.23	11.25	1.16
SOVA	10	Max WS	APP_Tr30_D3	65.56	343.67	345.58	345.67	346.40	0.014649	4.02			16.32	11.95	1.10
SOVA	9.9048*	Max WS	APP_Tr30_D1	72.93	343.13	345.60		346.26	0.009650	3.58			20.39	12.82	0.91
SOVA	9.9048*	Max WS	APP_Tr30_D2	77.43	343.13	345.69		346.35	0.009386	3.60			21.49	13.05	0.90
SOVA	9.9048*	Max WS	APP_Tr30_D0.5_	52.04	343.13	345.18	345.14	345.78	0.011345	3.43			15.19	11.67	0.96
SOVA	9.9048*	Max WS	APP_Tr30_D3	65.56	343.13	345.46		346.10	0.010117	3.53			18.59	12.44	0.92
SOVA	9.8095*	Max WS	APP_Tr30_D1	72.93	342.58	345.53		346.02	0.006630	3.12			23.38	13.44	0.76
SOVA	9.8095*	Max WS	APP_Tr30_D2	77.43	342.58	345.61		346.12	0.006513	3.15			24.55	13.65	0.75
SOVA	9.8095*	Max WS	APP_Tr30_D0.5_	52.03	342.58	345.09		345.53	0.007328	2.93			17.77	12.25	0.78
SOVA	9.8095*	Max WS	APP_Tr30_D3	65.56	342.58	345.38		345.86	0.006847	3.06			21.45	13.08	0.76
SOVA	9.7143	Max WS	APP_Tr30_D1	72.93	342.04	345.50	344.89	345.87	0.004362	2.68			27.26	14.14	0.62
SOVA	9.7143	Max WS	APP_Tr30_D2	77.43	342.04	345.59	344.96	345.97	0.004324	2.71			28.52	14.34	0.61
SOVA	9.7143	Max WS	APP_Tr30_D0.5_	52.03	342.04	345.05	344.53	345.36	0.004615	2.47			21.09	13.05	0.62
SOVA	9.7143	Max WS	APP_Tr30_D3	65.56	342.04	345.35	344.76	345.70	0.004437	2.61			25.14	13.78	0.62
SOVA	9.70			Inl Struct											
SOVA	9.6429	Max WS	APP_Tr30_D1	72.93	340.63	344.51		345.19	0.011464	3.66			19.92	12.09	0.91
SOVA	9.6429	Max WS	APP_Tr30_D2	77.43	340.63	344.58		345.29	0.011432	3.72			20.82	12.32	0.91
SOVA	9.6429	Max WS	APP_Tr30_D0.5_	52.03	340.63	344.12		344.70	0.011972	3.38			15.40	10.84	0.91
SOVA	9.6429	Max WS	APP_Tr30_D3	65.56	340.63	344.38		345.03	0.011567	3.57			18.39	11.68	0.91
SOVA	9.5715*	Max WS	APP_Tr30_D1	72.92	340.62	344.43		345.05	0.009795	3.49			20.90	12.60	0.87
SOVA	9.5715*	Max WS	APP_Tr30_D2	77.43	340.62	344.51		345.15	0.009781	3.54			21.84	12.85	0.87
SOVA	9.5715*	Max WS	APP_Tr30_D0.5_	52.03	340.62	344.04		344.57	0.010130	3.22			16.16	11.26	0.86
SOVA	9.5715*	Max WS	APP_Tr30_D3	65.56	340.62	344.30		344.89	0.009852	3.40			19.30	12.17	0.86
SOVA	9.5000*	Max WS	APP_Tr30_D1	72.93	340.61	344.37		344.92	0.008121	3.28			22.22	13.14	0.81
SOVA	9.5000*	Max WS	APP_Tr30_D2	77.43	340.61	344.44		345.01	0.008085	3.34			23.21	13.33	0.81
SOVA	9.5000*	Max WS	APP_Tr30_D0.5_	52.03	340.61	343.97		344.44	0.008291	3.02			17.25	11.78	0.80
SOVA	9.5000*	Max WS	APP_Tr30_D3	65.56	340.61	344.24		344.76	0.008158	3.19			20.55	12.74	0.80
SOVA	9.4286	Max WS	APP_Tr30_D1	72.92	340.60	344.32	343.94	344.79	0.006561	3.05			23.89	13.59	0.74
SOVA	9.4286	Max WS	APP_Tr30_D2	77.43	340.60	344.39	344.01	344.88	0.006554	3.11			24.91	13.76	0.74
SOVA	9.4286	Max WS	APP_Tr30_D0.5_	52.03	340.60	343.92	343.56	344.32	0.006615	2.78			18.71	12.39	0.72
SOVA	9.4286	Max WS	APP_Tr30_D3	65.56	340.60	344.19	343.81	344.63	0.006588	2.96			22.16	13.30	0.73
SOVA	9.40			Bridge											
SOVA	9.2857	Max WS	APP_Tr30_D1	72.92	340.55	343.18	343.57	344.48	0.025289	5.07			14.40	11.03	1.42
SOVA	9.2857	Max WS	APP_Tr30_D2	77.43	340.55	343.24	343.64	344.58	0.025340	5.14			15.06	11.29	1.42
SOVA	9.2857	Max WS	APP_Tr30_D0.5_	52.03	340.55	342.88	343.19	343.96	0.024318	4.60			11.31	9.72	1.36
SOVA	9.2857	Max WS	APP_Tr30_D3	65.56	340.55	343.08	343.45	344.31	0.025068	4.92			13.32	10.58	1.40
SOVA	9.1905*	Max WS	APP_Tr30_D1	72.92	340.50	342.98	343.39	344.32	0.024330	5.11			14.26	11.64	1.48
SOVA	9.1905*	Max WS	APP_Tr30_D2	77.43	340.50	343.04	343.45	344.41	0.024350	5.18			14.95	12.00	1.48
SOVA	9.1905*	Max WS	APP_Tr30_D0.5_	52.03	340.50	342.69	343.04	343.81	0.023710	4.68			11.11	10.14	1.43
SOVA	9.1905*	Max WS	APP_Tr30_D3	65.56	340.50	342.88	343.28	344.15	0.024069	4.98			13.16	11.07	1.46
SOVA	9.0952*	Max WS	APP_Tr30_D1	72.92	340.45	342.80	343.18	344.12	0.022348	5.08			14.35	12.41	1.51
SOVA	9.0952*	Max WS	APP_Tr30_D2	77.43	340.45	342.86	343.26	344.20	0.021907	5.13			15.09	12.65	1.50
SOVA	9.0952*	Max WS	APP_Tr30_D0.5_	52.03	340.45	342.51	342.87	343.65	0.022577	4.72			11.02	10.69	1.49
SOVA	9.0952*	Max WS	APP_Tr30_D3	65.56	340.45	342.70	343.08	343.97	0.022570	4.98			13.17	11.82	1.51
SOVA	9	Max WS	APP_Tr30_D1	72.92	340.40	342.63	343.00	343.88	0.020188	4.95			14.74	13.05	1.49
SOVA	9	Max WS	APP_Tr30_D2	77.43	340.40	342.70	343.06	343.96	0.019508	4.98			15.55	13.27	1.47
SOVA	9	Max WS	APP_Tr30_D0.5_	52.03	340.40	342.34	342.68	343.46	0.022364	4.70			11.06	11.43	1.53
SOVA	9	Max WS	APP_Tr30_D3	65.55	340.40	342.53	342.88	343.75	0.021222	4.89			13.42	12.59	1.51

HEC-RAS River: SOVA Reach: SOVA Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
SOVA	8.7500*	Max WS	APP_Tr30_D1	72.91	340.14	342.30	342.57	343.34	0.015621	4.52			16.13	13.36	1.31
SOVA	8.7500*	Max WS	APP_Tr30_D2	77.42	340.14	342.37	342.63	343.42	0.014920	4.52			17.11	13.67	1.29
SOVA	8.7500*	Max WS	APP_Tr30_D0.5_	52.03	340.14	341.94	342.25	342.96	0.019467	4.46			11.66	11.66	1.42
SOVA	8.7500*	Max WS	APP_Tr30_D3	65.55	340.14	342.18	342.46	343.22	0.016963	4.52			14.49	12.76	1.36
SOVA	8.5000*	Max WS	APP_Tr30_D1	72.86	339.89	342.06	342.12	342.82	0.009896	3.85			18.94	13.93	1.05
SOVA	8.5000*	Max WS	APP_Tr30_D2	77.42	339.89	342.15	342.19	342.90	0.009424	3.85			20.12	14.23	1.03
SOVA	8.5000*	Max WS	APP_Tr30_D0.5_	52.03	339.89	341.64	341.79	342.41	0.013581	3.90			13.33	12.23	1.19
SOVA	8.5000*	Max WS	APP_Tr30_D3	65.55	339.89	341.91	342.01	342.68	0.011049	3.88			16.90	13.37	1.10
SOVA	8.2500*	Max WS	APP_Tr30_D1	72.61	339.64	341.92		342.41	0.005508	3.12			23.30	14.81	0.79
SOVA	8.2500*	Max WS	APP_Tr30_D2	77.42	339.64	342.01		342.51	0.005348	3.14			24.65	15.12	0.79
SOVA	8.2500*	Max WS	APP_Tr30_D0.5_	52.02	339.64	341.44		341.94	0.007440	3.14			16.58	13.14	0.89
SOVA	8.2500*	Max WS	APP_Tr30_D3	65.55	339.64	341.75		342.26	0.006107	3.14			20.90	14.25	0.83
SOVA	8	Max WS	APP_Tr30_D1	72.94	339.38	341.84	341.21	342.16	0.003030	2.51			29.03	15.89	0.59
SOVA	8	Max WS	APP_Tr30_D2	77.42	339.38	341.95	341.27	342.27	0.002922	2.52			30.68	16.23	0.59
SOVA	8	Max WS	APP_Tr30_D0.5_	52.02	339.38	341.34	340.89	341.64	0.003665	2.43			21.39	14.24	0.63
SOVA	8	Max WS	APP_Tr30_D3	65.55	339.38	341.67	341.09	341.98	0.003235	2.49			26.29	15.32	0.61
SOVA	7.5			Bridge											
SOVA	7	Max WS	APP_Tr30_D1	72.90	339.16	341.00	340.96	341.69	0.009013	3.66			19.90	13.32	0.96
SOVA	7	Max WS	APP_Tr30_D2	77.41	339.16	341.09	341.02	341.78	0.008757	3.68			21.06	13.64	0.94
SOVA	7	Max WS	APP_Tr30_D0.5_	52.02	339.16	340.63	340.66	341.25	0.011199	3.48			14.94	13.29	1.05
SOVA	7	Max WS	APP_Tr30_D3	65.55	339.16	340.87	340.86	341.54	0.009760	3.62			18.10	13.31	0.99
SOVA	6.99			Lat Struct											
SOVA	6.98			Lat Struct											
SOVA	6.5000*	Max WS	APP_Tr30_D1	72.88	338.87	340.87		341.45	0.007268	3.38			21.58	13.84	0.86
SOVA	6.5000*	Max WS	APP_Tr30_D2	77.41	338.87	340.96		341.55	0.007046	3.39			22.87	14.20	0.85
SOVA	6.5000*	Max WS	APP_Tr30_D0.5_	52.02	338.87	340.47	340.42	341.00	0.009111	3.24			16.07	13.58	0.95
SOVA	6.5000*	Max WS	APP_Tr30_D3	65.55	338.87	340.73		341.30	0.007783	3.34			19.61	13.61	0.89
SOVA	6	Max WS	APP_Tr30_D1	72.88	338.58	340.77		341.22	0.005087	2.95			24.73	14.33	0.72
SOVA	6	Max WS	APP_Tr30_D2	77.41	338.58	340.87		341.32	0.004865	2.97			26.10	14.34	0.70
SOVA	6	Max WS	APP_Tr30_D0.5_	52.02	338.58	340.35		340.73	0.005552	2.75			18.92	13.47	0.74
SOVA	6	Max WS	APP_Tr30_D3	65.54	338.58	340.62		341.05	0.005210	2.90			22.63	13.84	0.72
SOVA	5.6667*	Max WS	APP_Tr30_D1	72.87	338.38	340.70		341.15	0.005048	2.96			24.65	14.03	0.71
SOVA	5.6667*	Max WS	APP_Tr30_D2	77.41	338.38	340.80		341.25	0.004832	2.97			26.03	14.12	0.70
SOVA	5.6667*	Max WS	APP_Tr30_D0.5_	52.01	338.38	340.27		340.66	0.005935	2.79			18.66	13.55	0.76
SOVA	5.6667*	Max WS	APP_Tr30_D3	65.54	338.38	340.55		340.98	0.005376	2.91			22.50	13.86	0.73
SOVA	5.3333*	Max WS	APP_Tr30_D1	72.87	338.17	340.66		341.05	0.004003	2.74			26.60	13.84	0.63
SOVA	5.3333*	Max WS	APP_Tr30_D2	77.41	338.17	340.77		341.16	0.003855	2.76			28.02	13.88	0.62
SOVA	5.3333*	Max WS	APP_Tr30_D0.5_	52.01	338.17	340.21		340.54	0.004666	2.56			20.31	13.68	0.67
SOVA	5.3333*	Max WS	APP_Tr30_D3	65.54	338.17	340.50		340.87	0.004233	2.69			24.36	13.79	0.65
SOVA	5	Max WS	APP_Tr30_D1	72.87	337.97	340.68	339.81	340.96	0.002562	2.36			30.84	13.67	0.50
SOVA	5	Max WS	APP_Tr30_D2	77.41	337.97	340.78	339.87	341.08	0.002522	2.40			32.28	13.68	0.50
SOVA	5	Max WS	APP_Tr30_D0.5_	52.01	337.97	340.21	339.51	340.44	0.002655	2.13			24.41	13.63	0.51
SOVA	5	Max WS	APP_Tr30_D3	65.54	337.97	340.51	339.71	340.78	0.002612	2.29			28.57	13.66	0.51
SOVA	4.5			Bridge											
SOVA	4	Max WS	APP_Tr30_D1	72.87	338.33	339.48	339.79	340.53	0.021346	4.54			16.03	17.32	1.51
SOVA	4	Max WS	APP_Tr30_D2	77.41	338.33	339.52	339.84	340.62	0.021430	4.64			16.66	17.46	1.52
SOVA	4	Max WS	APP_Tr30_D0.5_	52.01	338.33	339.30	339.53	340.12	0.020895	4.02			12.95	16.62	1.45
SOVA	4	Max WS	APP_Tr30_D3	65.54	338.33	339.42	339.70	340.39	0.021190	4.37			14.99	17.09	1.49
SOVA	3.99			Lat Struct											
SOVA	3.98			Lat Struct											
SOVA	3.6667*	Max WS	APP_Tr30_D1	72.87	337.86	339.03	339.38	340.20	0.025647	4.78			15.23	17.64	1.64
SOVA	3.6667*	Max WS	APP_Tr30_D2	77.41	337.86	339.07	339.44	340.28	0.025529	4.88			15.87	17.77	1.65
SOVA	3.6667*	Max WS	APP_Tr30_D0.5_	52.01	337.86	338.85	339.13	339.79	0.026262	4.31			12.08	16.72	1.62
SOVA	3.6667*	Max WS	APP_Tr30_D3	65.54	337.86	338.97	339.30	340.06	0.025882	4.63			14.15	17.34	1.64
SOVA	3.3333*	Max WS	APP_Tr30_D1	72.87	337.38	338.58	338.88	339.62	0.021747	4.53			16.08	17.81	1.52
SOVA	3.3333*	Max WS	APP_Tr30_D2	77.41	337.38	338.61	338.94	339.70	0.021614	4.62			16.77	17.98	1.53
SOVA	3.3333*	Max WS	APP_Tr30_D0.5_	52.01	337.38	338.38	338.63	339.24	0.022494	4.10			12.68	16.78	1.51
SOVA	3.3333*	Max WS	APP_Tr30_D3	65.54	337.38	338.51	338.80	339.49	0.021999	4.40			14.91	17.46	1.52
SOVA	3	Max WS	APP_Tr30_D1	72.86	336.91	338.28	338.29	338.87	0.008979	3.39			21.46	18.56	1.01
SOVA	3	Max WS	APP_Tr30_D2	77.40	336.91	338.32	338.34	338.94	0.009179	3.49			22.18	18.69	1.02
SOVA	3	Max WS	APP_Tr30_D0.5_	52.01	336.91	338.09		338.52	0.007826	2.89			17.98	17.92	0.92
SOVA	3	Max WS	APP_Tr30_D3	65.54	336.91	338.22	338.20	338.75	0.008614	3.23			20.29	18.35	0.98
SOVA	2.7500*	Max WS	APP_Tr30_D1	72.86	336.64	338.09	338.29	338.90	0.015402	3.99			18.26	18.86	1.30
SOVA	2.7500*	Max WS	APP_Tr30_D2	77.40	336.64	338.12	338.34	338.98	0.015703	4.09			18.91	19.08	1.31
SOVA	2.7500*	Max WS	APP_Tr30_D0.5_	52.01	336.64	337.92	338.04	338.52	0.013309	3.42			15.22	17.83	1.18
SOVA	2.7500*	Max WS	APP_Tr30_D3	65.54	336.64	338.03	338.21	338.77	0.014800	3.81			17.21	18.51	1.26
SOVA	2.5000*	Max WS	APP_Tr30_D1	72.86	336.38	337.78	338.09	338.82	0.024240	4.52			16.11	19.49	1.59
SOVA	2.5000*	Max WS	APP_Tr30_D2	77.40	336.38	337.81	338.14	338.91	0.024603	4.64			16.67	19.59	1.61
SOVA	2.5000*	Max WS	APP_Tr30_D0.5_	52.01	336.38	337.67	337.86	338.37	0.019196	3.72			13.99	19.10	1.39
SOVA	2.5000*	Max WS	APP_Tr30_D3	65.54	336.38	337.74	338.01	338.67	0.023144	4.29			15.27	19.34	1.54
SOVA	2.2500*	Max WS	APP_Tr30_D1	41.06	336.11	337.44		337.75	0.006707	2.44			16.80	19.44	0.84
SOVA	2.2500*	Max WS	APP_Tr30_D2	41.07	336.11	337.44		337.75	0.006708	2.44			16.80	19.44	0.84
SOVA	2.2500*	Max WS	APP_Tr30_D0.5_	41.03	336.11	337.44		337.74	0.006697	2.44			16.80	19.44	0.84
SOVA	2.2500*	Max WS	APP_Tr30_D3	41.05	336.11	337.44		337.74	0.006710	2.44			16.79	19.44	0.84
SOVA	2	Max WS	APP_Tr30_D1	4.99	335.84	336.89		336.89	0.000102	0.30			16.63	19.15	0.10
SOVA	2	Max WS	APP_Tr30_D2	4.99	335.84	336.89		336.89	0.000102	0.30			16.63	19.15	0.10
SOVA	2	Max WS	APP_Tr30_D0.5_	5.00	335.84	336.89		336.89	0.000102	0.30			16.63	19.15	0.10
SOVA	2	Max WS	APP_Tr30_D3	4.99	335.84	336.89		336.89	0.000102	0.30			16.63	19.15	0.10
SOVA	1	Max WS	APP_Tr30_D1	4.99	335.41	336.89	335.78	336.89	0.000046	0.24			20.65	18.11	0.07
SOVA	1	Max WS	APP_Tr30_D2	4.99	335.41	336.89	335.78	336.89	0.000046	0.24			20.65	18.11	0.07
SOVA	1	Max WS	APP_Tr30_D0.5_	4.99	335.41	336.89	335.78	336.89	0.000046	0.24			20.65	18.11	0.07
SOVA	1	Max WS	APP_Tr30_D3	4.99	335.41	336.89	335.78	336.89	0.000046	0.24			20.65	18.11	0.07

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "FOSSO RIGHELLATO"

F. RIGHELLATO

MODELLAZIONE PER TR=30 e 200 ANNI

DURATA DI PIOGGIA: 0.5, 1, 2 e 3h

Profilo longitudinale

Sezioni Trasversali

Dati idraulici

ALLEGATI

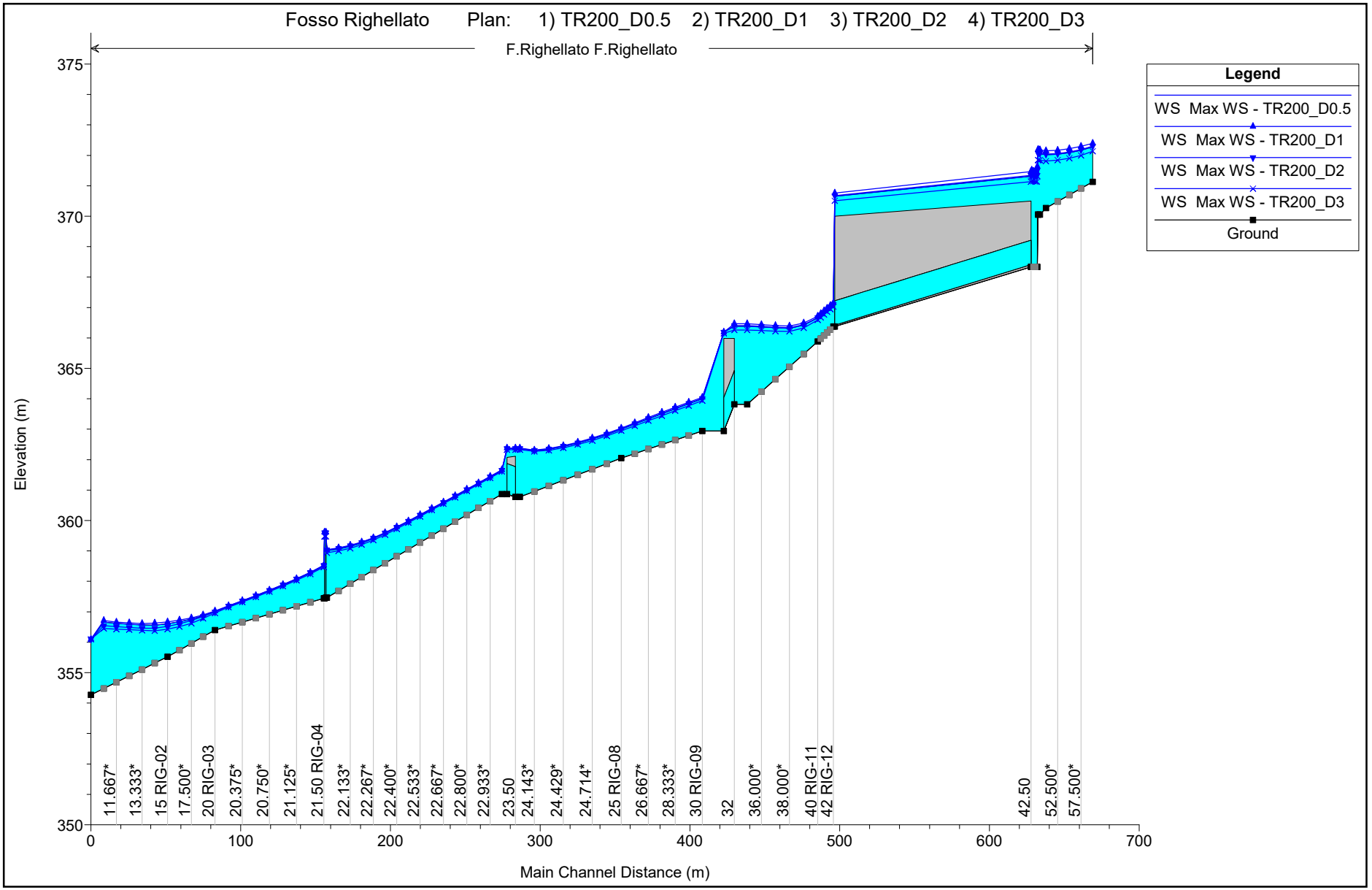
MODELLAZIONE HEC-RAS 5.0.7 "FOSSO RIGHELLATO"

F. RIGHELLATO

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 0.5, 1, 2 e 3h

Profilo longitudinale


Fosso Righellato Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2 4) TR200_D3
F.Righellato F.Righellato
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
WS Max WS - TR200_D3
Ground
Elevation (m)
Main Channel Distance (m)
375
370
365
360
355
350
0
100
200
300
400
500
600
700
11.667*
13.333*
15 RIG-02
17.500*
20 RIG-03
20.375*
20.750*
21.125*
21.50 RIG-04
22.133*
22.267*
22.400*
22.533*
22.667*
22.800*
22.933*
23.50
24.143*
24.429*
24.714*
25 RIG-08
26.667*
28.333*
30 RIG-09
32
36.000*
38.000*
40 RIG-11
42 RIG-12
42.50
52.500*
57.500*

ALLEGATI

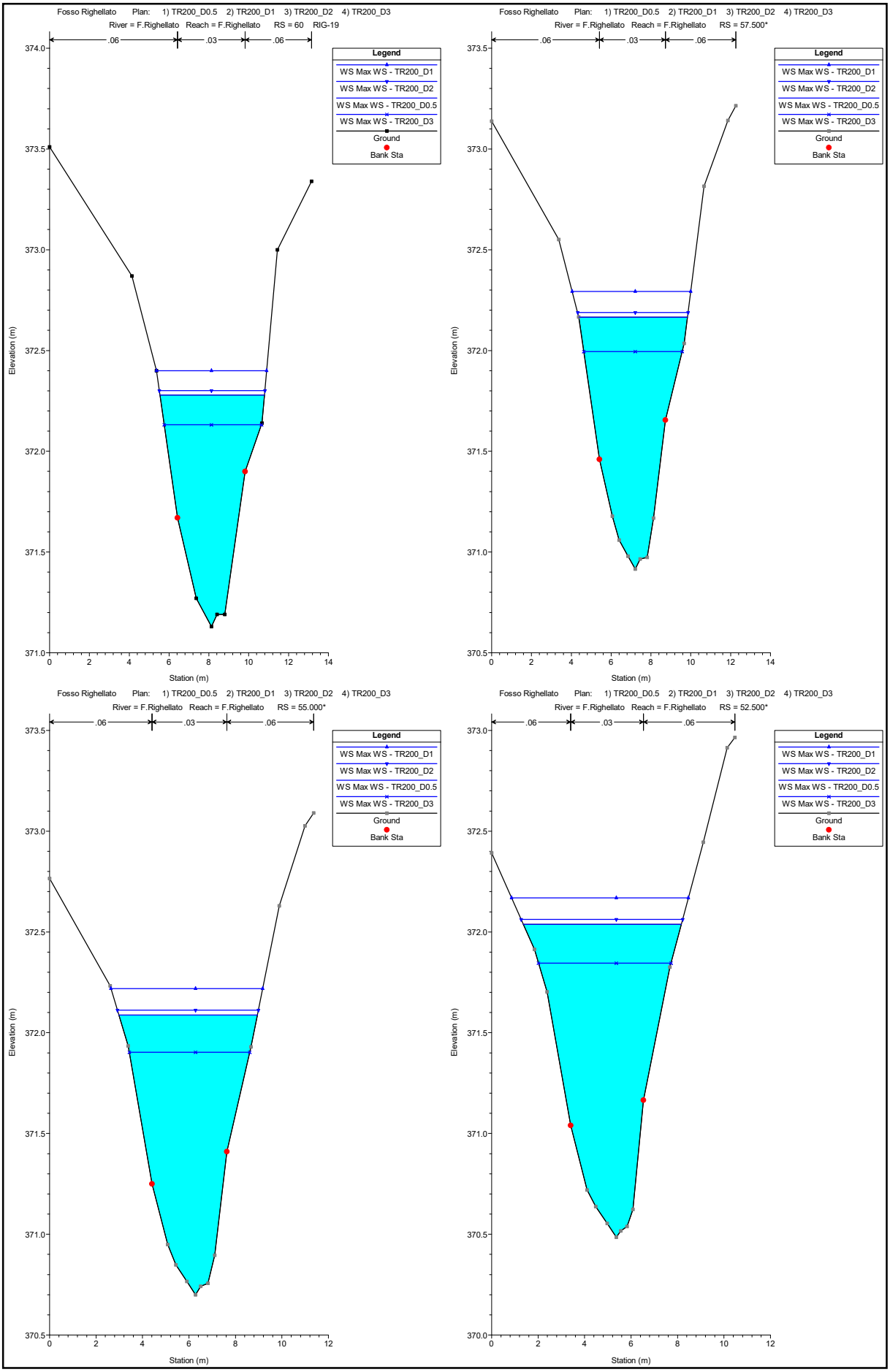
MODELLAZIONE HEC-RAS 5.0.7 "FOSSO RIGHELLATO"

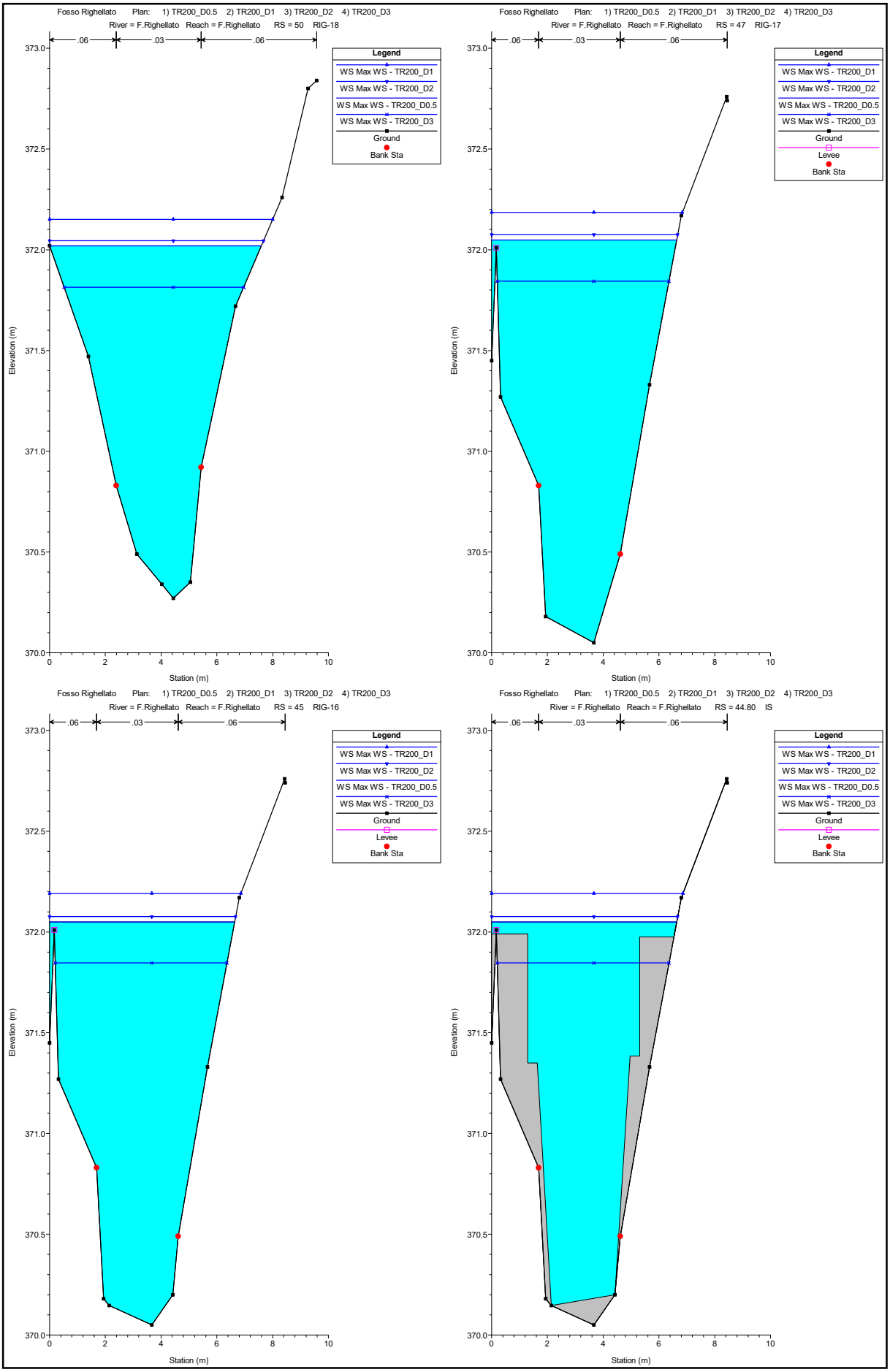
F. RIGHELLATO

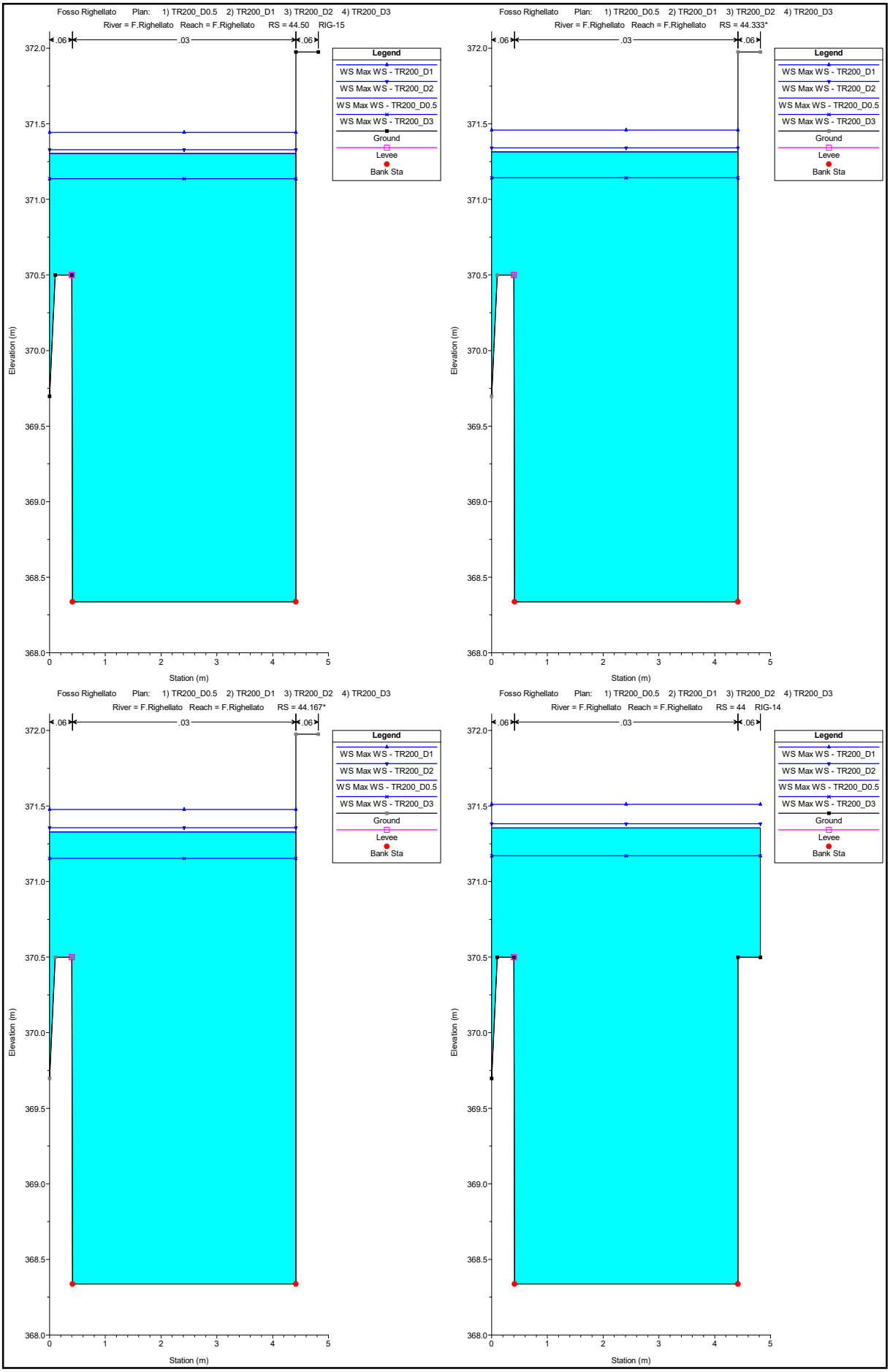
MODELLAZIONE PER TR= 200 anni

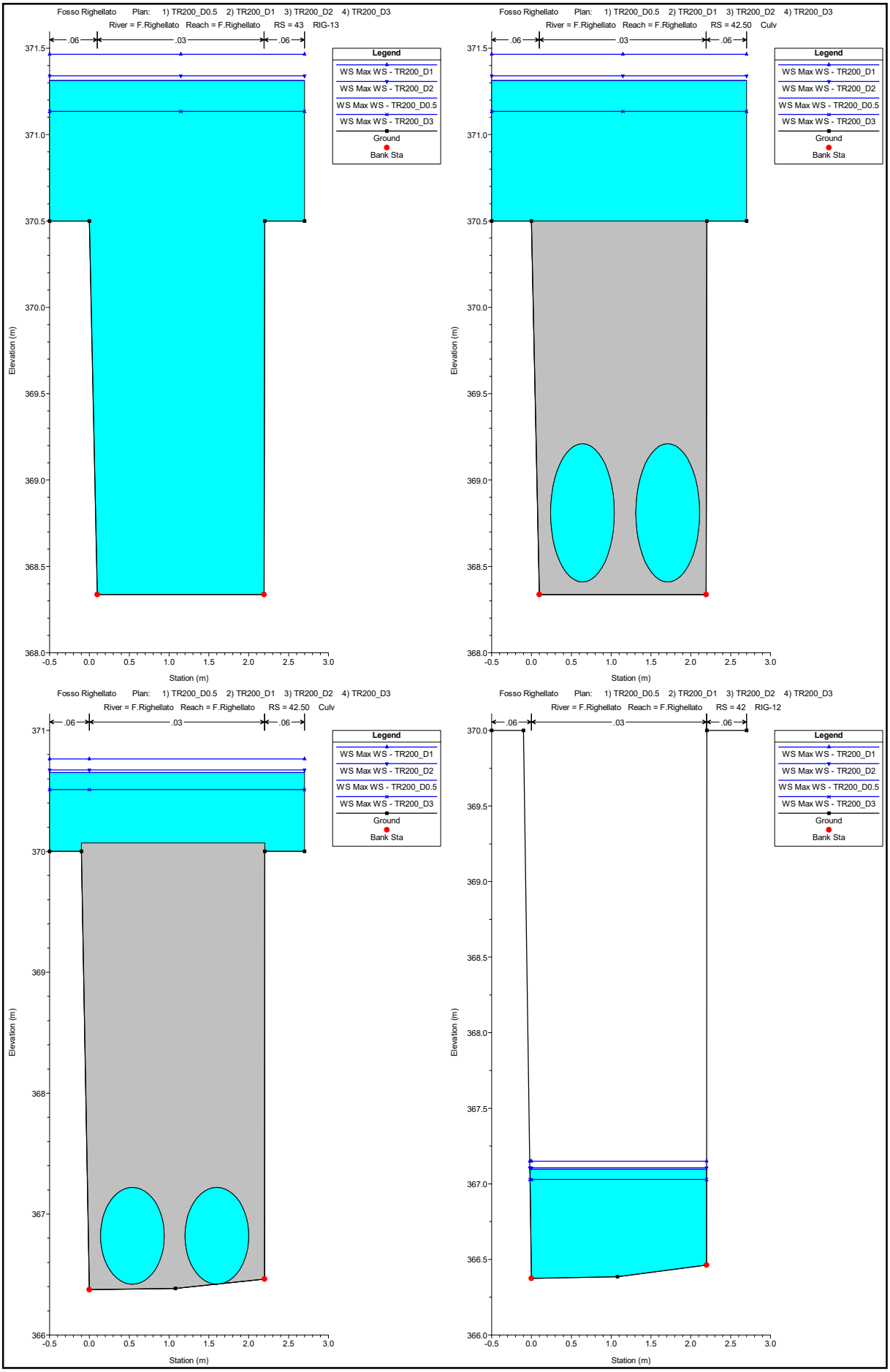
DURATE DI PIOGGIA: 0.5, 1, 2 e 3h

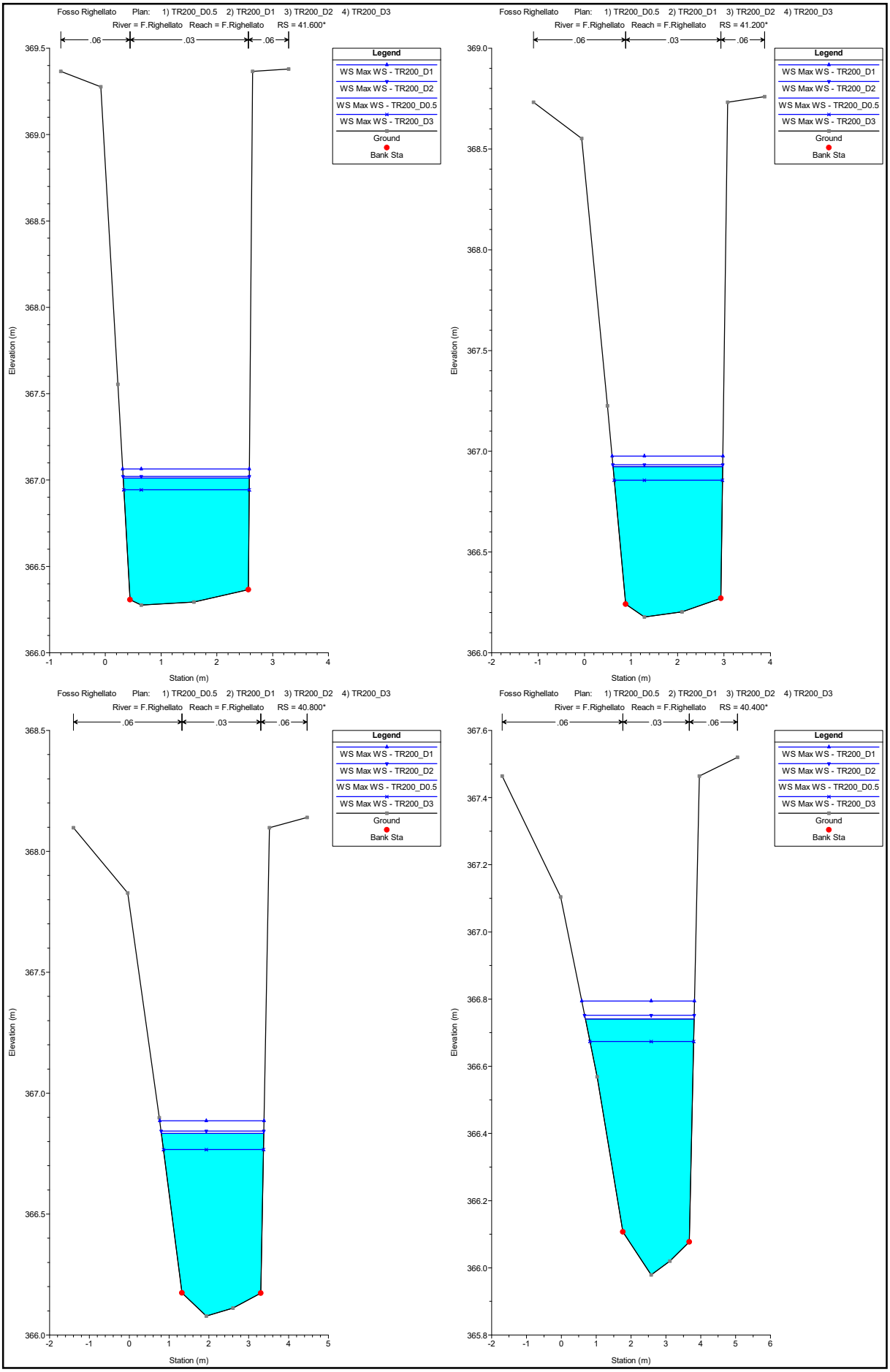
Sezioni Trasversali (da monte verso valle)

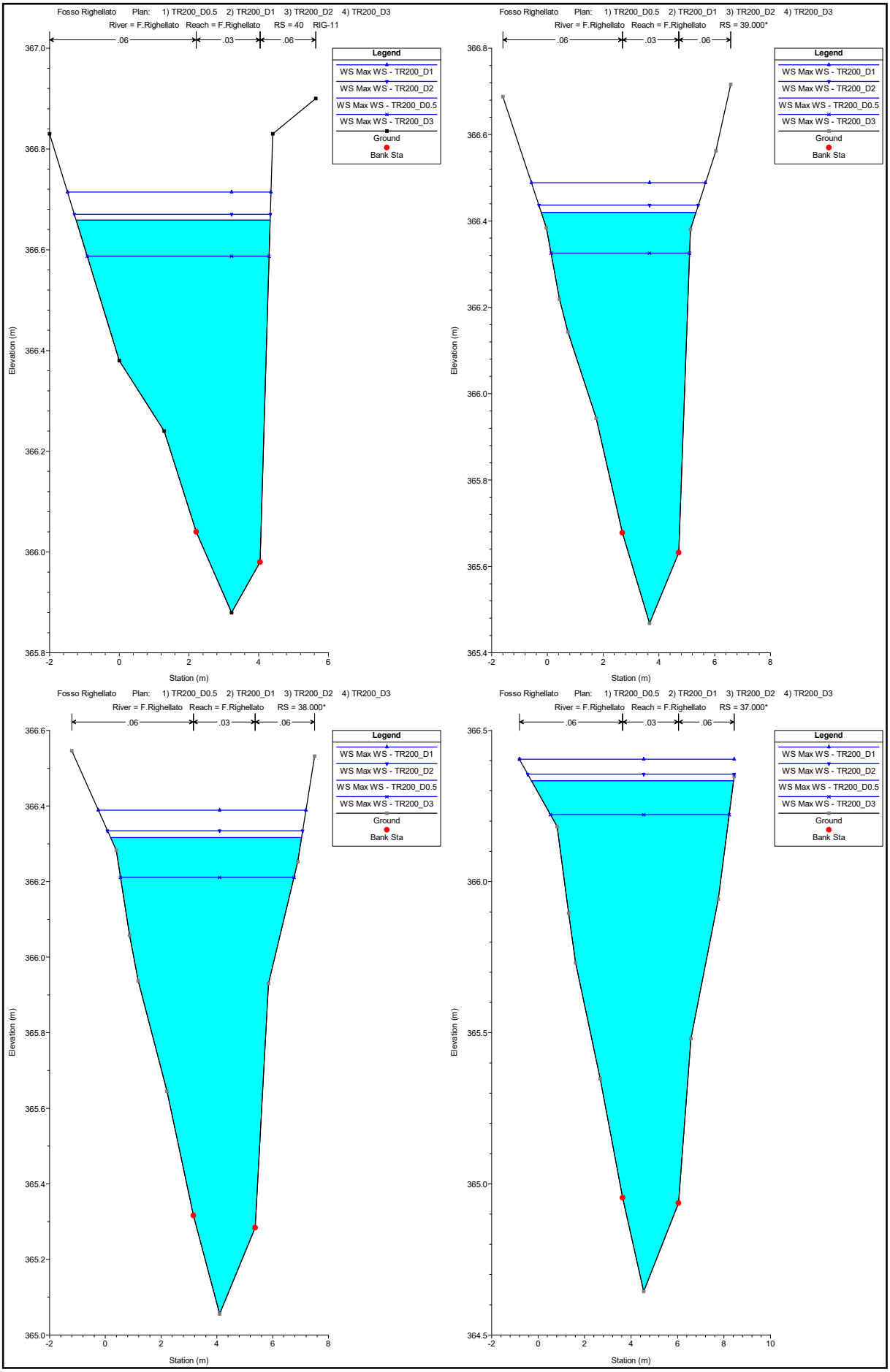

Fosso Righellato Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2 4) TR200_D3
River = F.Righellato Reach = F.Righellato RS = 60 RIG-19
.06
.03
.06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D2
WS Max WS - TR200_D0.5
WS Max WS - TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso Righellato Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2 4) TR200_D3
River = F.Righellato Reach = F.Righellato RS = 57.500*
.06
.03
.06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D2
WS Max WS - TR200_D0.5
WS Max WS - TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso Righellato Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2 4) TR200_D3
River = F.Righellato Reach = F.Righellato RS = 55.000*
.06
.03
.06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D2
WS Max WS - TR200_D0.5
WS Max WS - TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso Righellato Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2 4) TR200_D3
River = F.Righellato Reach = F.Righellato RS = 52.500*
.06
.03
.06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D2
WS Max WS - TR200_D0.5
WS Max WS - TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)

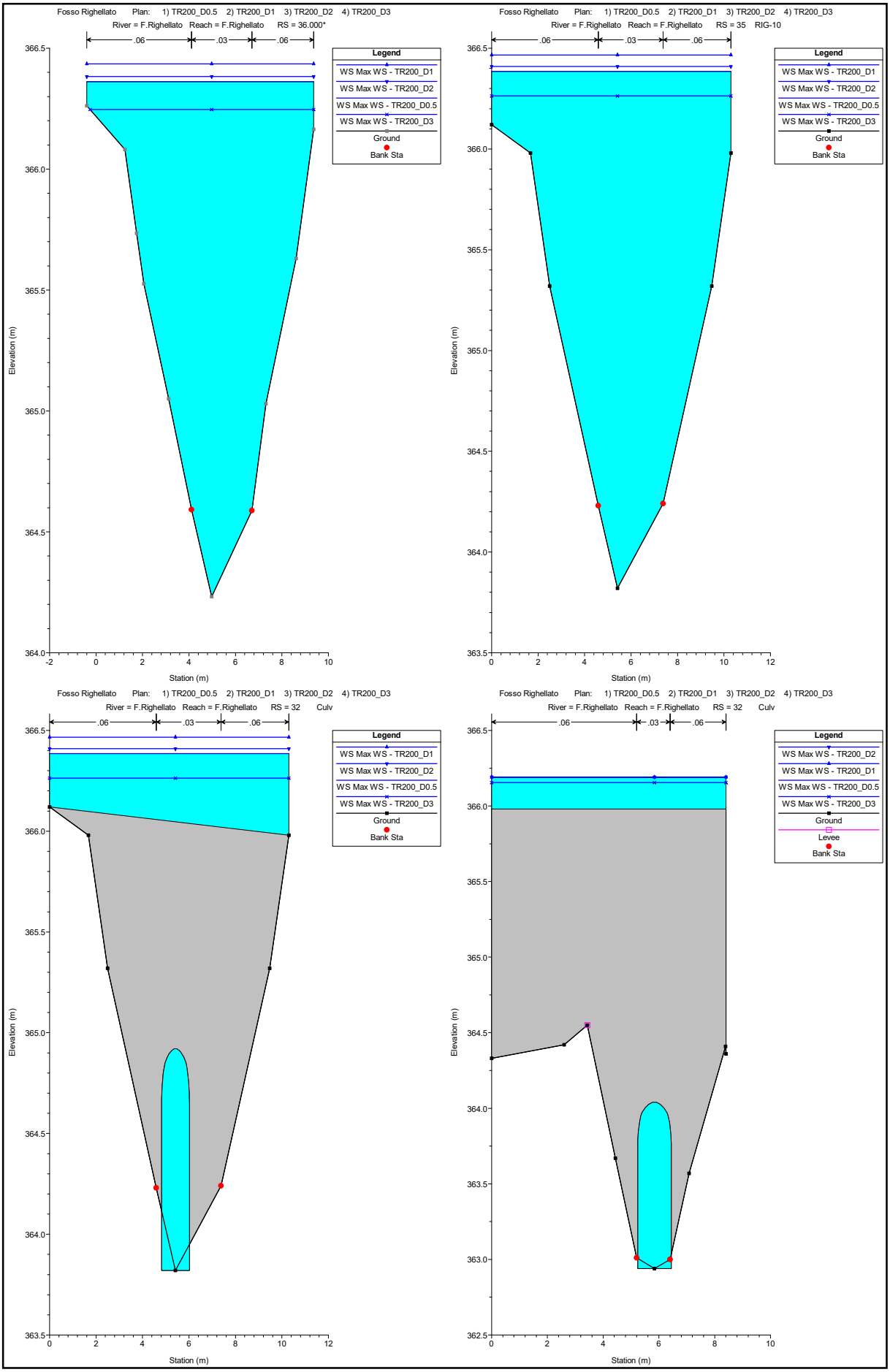

Fosso Righellato Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2 4) TR200_D3
River = F.Righellato Reach = F.Righellato RS = 50 RIG-18
.06 .03 .06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D2
WS Max WS - TR200_D0.5
WS Max WS - TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso Righellato Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2 4) TR200_D3
River = F.Righellato Reach = F.Righellato RS = 47 RIG-17
.06 .03 .06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D2
WS Max WS - TR200_D0.5
WS Max WS - TR200_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Fosso Righellato Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2 4) TR200_D3
River = F.Righellato Reach = F.Righellato RS = 45 RIG-16
.06 .03 .06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D2
WS Max WS - TR200_D0.5
WS Max WS - TR200_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Fosso Righellato Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2 4) TR200_D3
River = F.Righellato Reach = F.Righellato RS = 44.80 IS
.06 .03 .06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D2
WS Max WS - TR200_D0.5
WS Max WS - TR200_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)

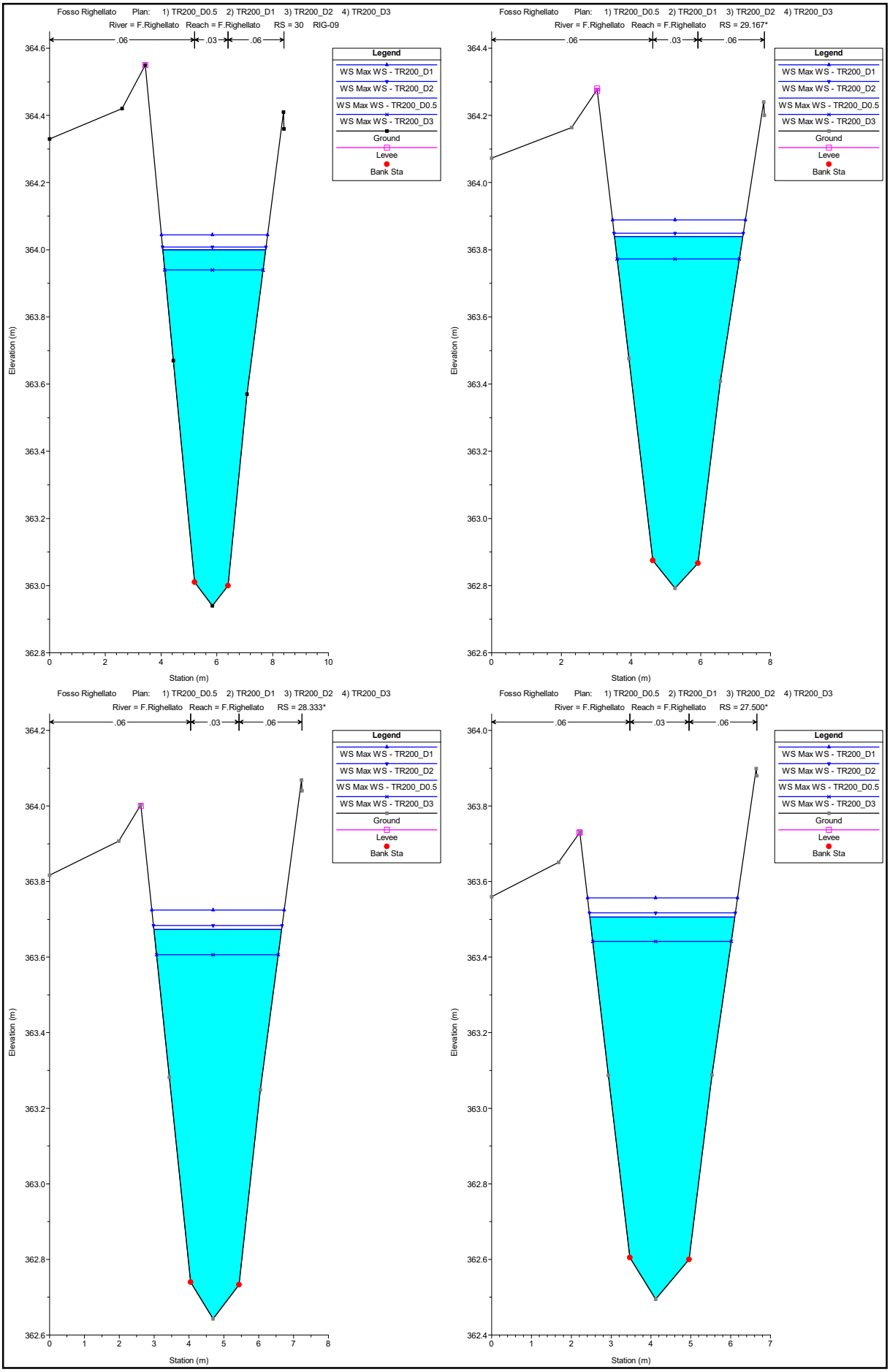

Fosso Righellato Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2 4) TR200_D3
River = F.Righellato Reach = F.Righellato RS = 44.50 RIG-15
.06
.03
.06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D2
WS Max WS - TR200_D0.5
WS Max WS - TR200_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Fosso Righellato Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2 4) TR200_D3
River = F.Righellato Reach = F.Righellato RS = 44.333*
Fosso Righellato Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2 4) TR200_D3
River = F.Righellato Reach = F.Righellato RS = 44.167*
Fosso Righellato Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2 4) TR200_D3
River = F.Righellato Reach = F.Righellato RS = 44 RIG-14

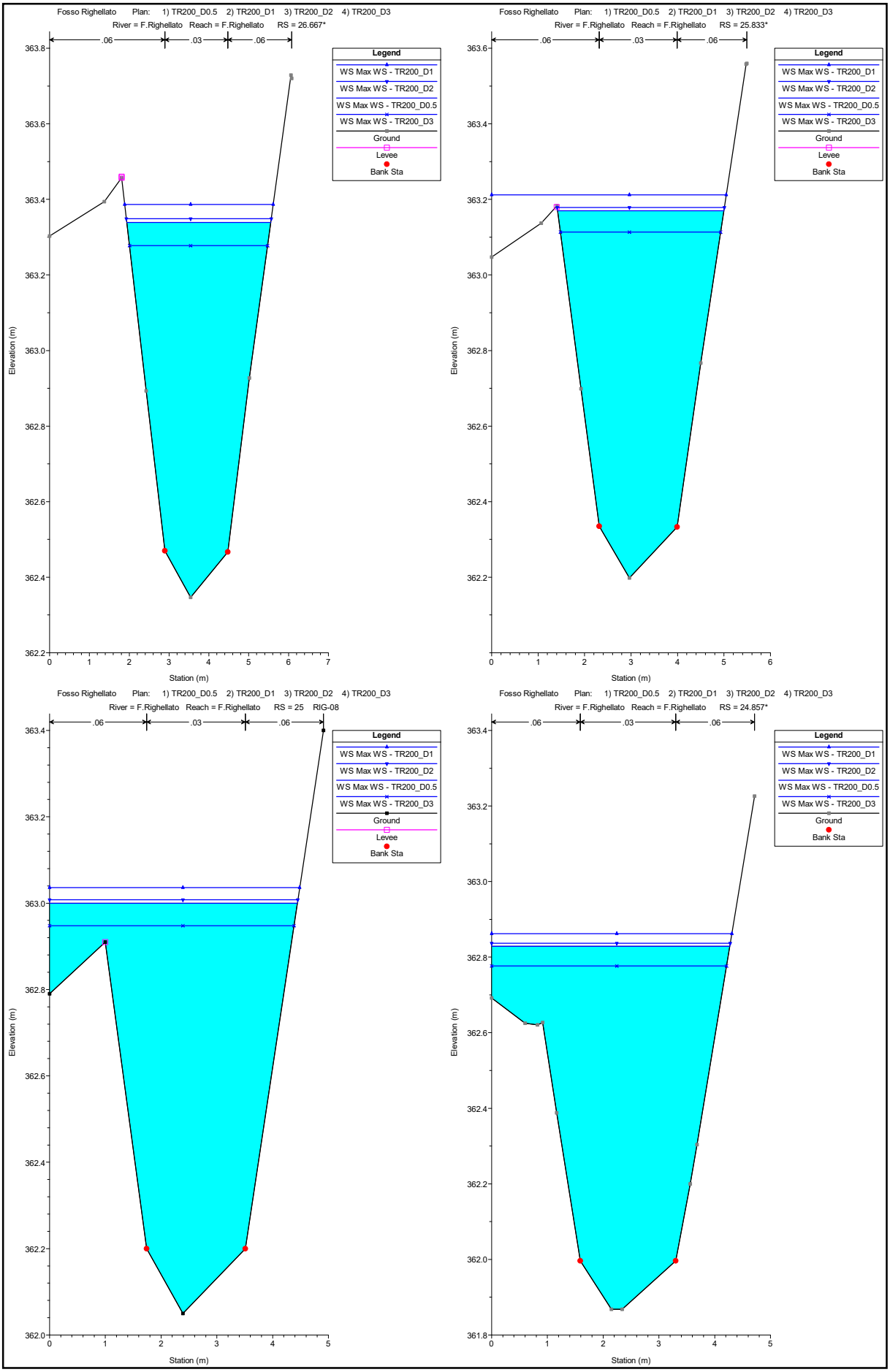

Fosso Righellato Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2 4) TR200_D3
River = F.Righellato Reach = F.Righellato RS = 43 RIG-13
.06
.03
.06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D2
WS Max WS - TR200_D0.5
WS Max WS - TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso Righellato Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2 4) TR200_D3
River = F.Righellato Reach = F.Righellato RS = 42.50 Culv
Fosso Righellato Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2 4) TR200_D3
River = F.Righellato Reach = F.Righellato RS = 42.50 Culv
Fosso Righellato Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2 4) TR200_D3
River = F.Righellato Reach = F.Righellato RS = 42 RIG-12

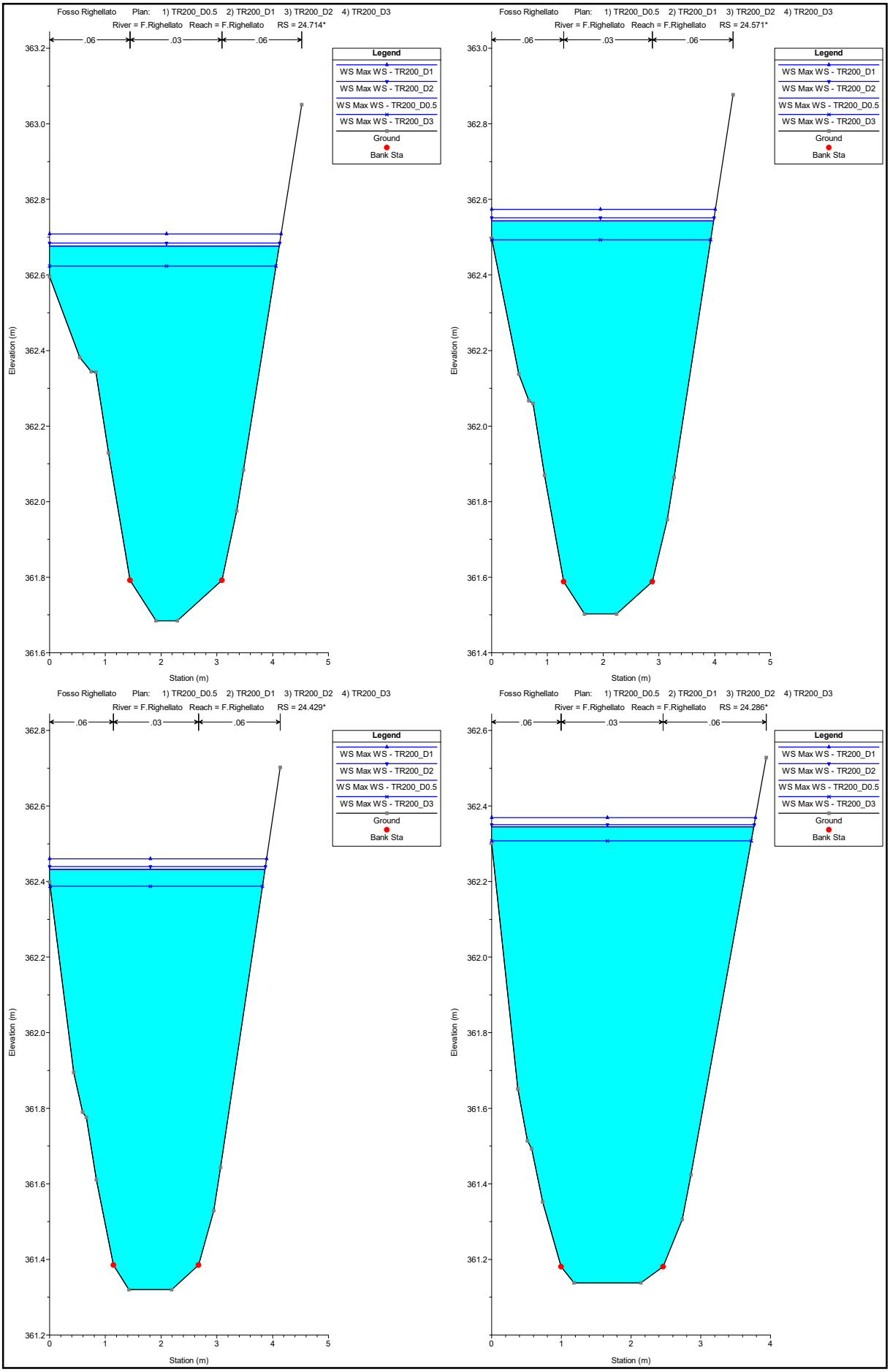

Fosso Righellato Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2 4) TR200_D3
River = F.Righellato Reach = F.Righellato RS = 41.600*
.06
.03
.06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D2
WS Max WS - TR200_D0.5
WS Max WS - TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso Righellato Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2 4) TR200_D3
River = F.Righellato Reach = F.Righellato RS = 41.200*
.06
.03
.06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D2
WS Max WS - TR200_D0.5
WS Max WS - TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso Righellato Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2 4) TR200_D3
River = F.Righellato Reach = F.Righellato RS = 40.800*
.06
.03
.06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D2
WS Max WS - TR200_D0.5
WS Max WS - TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso Righellato Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2 4) TR200_D3
River = F.Righellato Reach = F.Righellato RS = 40.400*
.06
.03
.06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D2
WS Max WS - TR200_D0.5
WS Max WS - TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)

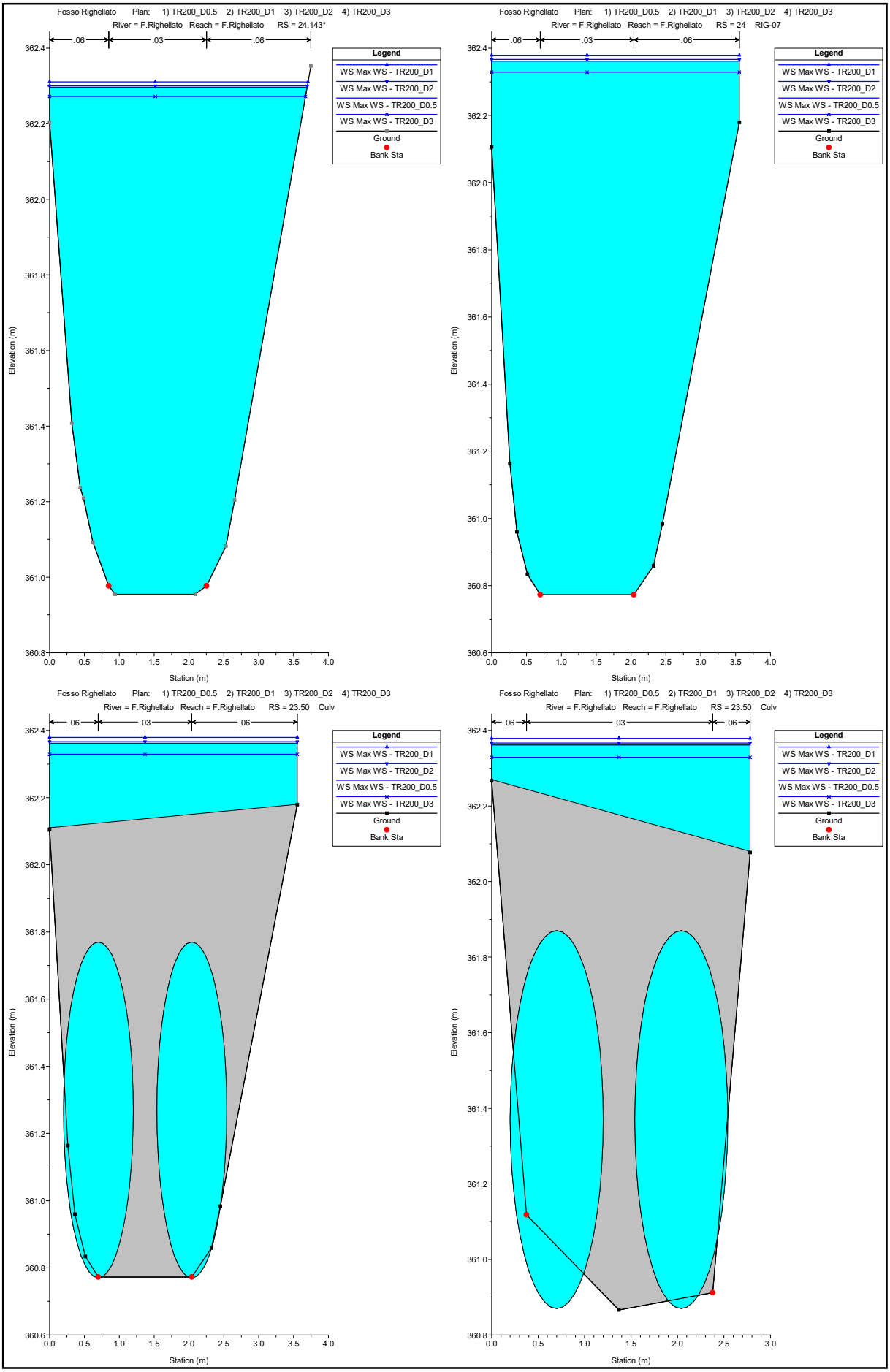

Fosso Righellato Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2 4) TR200_D3
River = F.Righellato Reach = F.Righellato RS = 40 RIG-11
.06
.03
.06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D2
WS Max WS - TR200_D0.5
WS Max WS - TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso Righellato Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2 4) TR200_D3
River = F.Righellato Reach = F.Righellato RS = 39.000*
.06
.03
.06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D2
WS Max WS - TR200_D0.5
WS Max WS - TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso Righellato Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2 4) TR200_D3
River = F.Righellato Reach = F.Righellato RS = 38.000*
.06
.03
.06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D2
WS Max WS - TR200_D0.5
WS Max WS - TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso Righellato Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2 4) TR200_D3
River = F.Righellato Reach = F.Righellato RS = 37.000*
.06
.03
.06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D2
WS Max WS - TR200_D0.5
WS Max WS - TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)

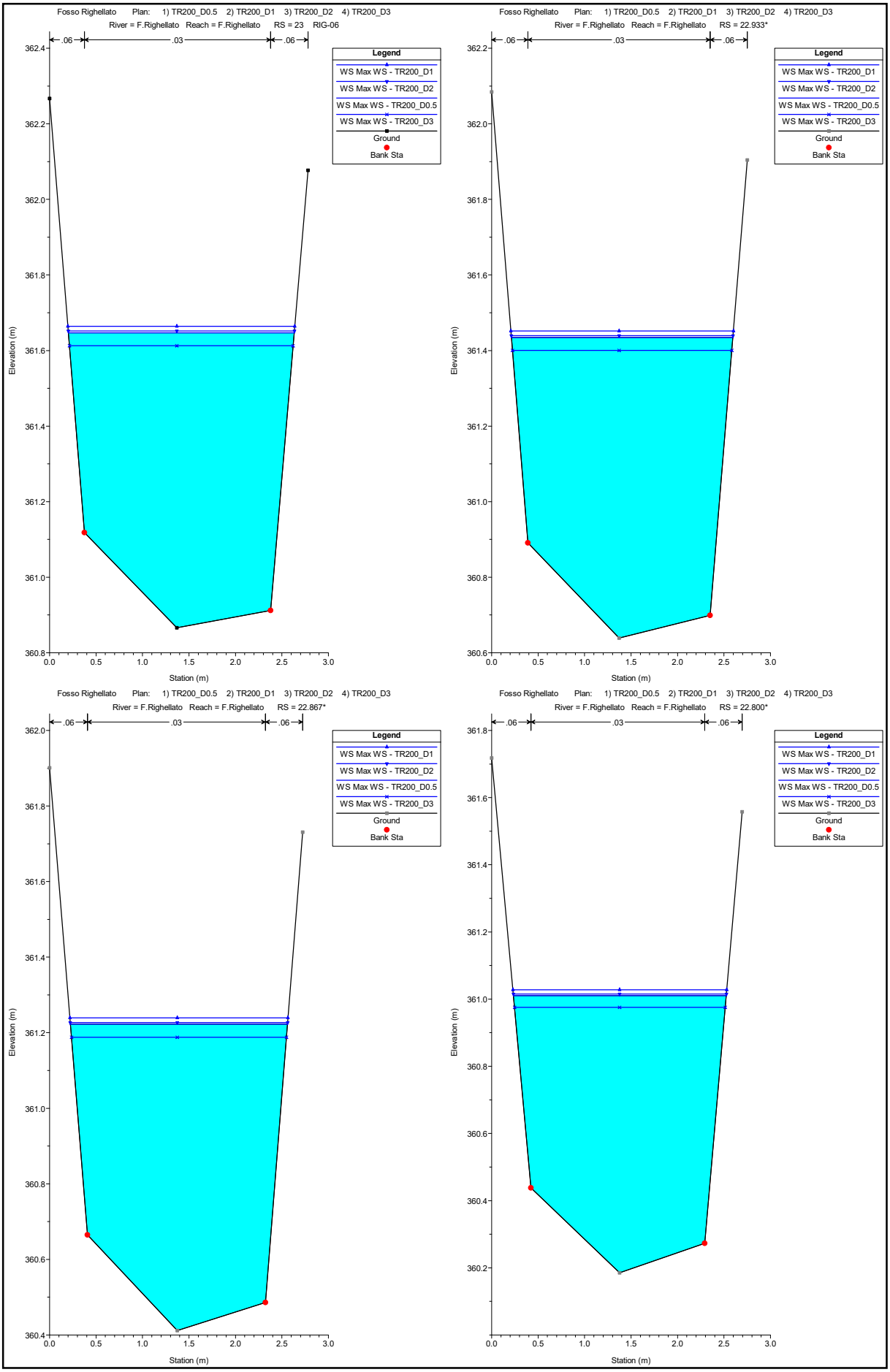

Fosso Righellato Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2 4) TR200_D3
River = F.Righellato Reach = F.Righellato RS = 36.000*
.06 .03 .06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D2
WS Max WS - TR200_D0.5
WS Max WS - TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso Righellato Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2 4) TR200_D3
River = F.Righellato Reach = F.Righellato RS = 35 RIG-10
.06 .03 .06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D2
WS Max WS - TR200_D0.5
WS Max WS - TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso Righellato Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2 4) TR200_D3
River = F.Righellato Reach = F.Righellato RS = 32 Culv
.06 .03 .06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D2
WS Max WS - TR200_D0.5
WS Max WS - TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso Righellato Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2 4) TR200_D3
River = F.Righellato Reach = F.Righellato RS = 32 Culv
.06 .03 .06
Legend
WS Max WS - TR200_D2
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)

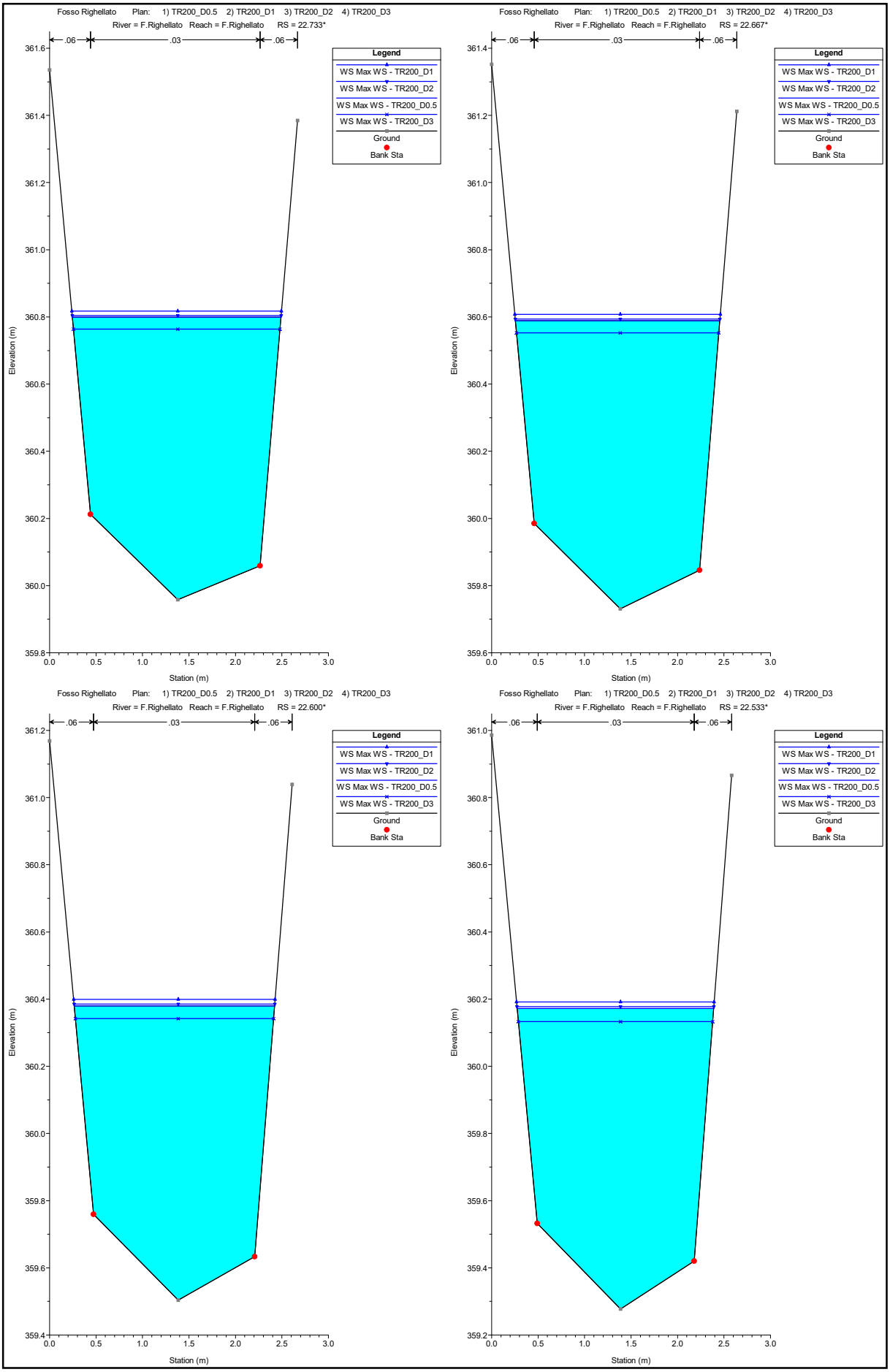

Fosso Righellato Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2 4) TR200_D3
River = F.Righellato Reach = F.Righellato RS = 30 RIG-09
.06 .03 .06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D2
WS Max WS - TR200_D0.5
WS Max WS - TR200_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Fosso Righellato Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2 4) TR200_D3
River = F.Righellato Reach = F.Righellato RS = 29.167*
.06 .03 .06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D2
WS Max WS - TR200_D0.5
WS Max WS - TR200_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Fosso Righellato Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2 4) TR200_D3
River = F.Righellato Reach = F.Righellato RS = 28.333*
.06 .03 .06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D2
WS Max WS - TR200_D0.5
WS Max WS - TR200_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Fosso Righellato Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2 4) TR200_D3
River = F.Righellato Reach = F.Righellato RS = 27.500*
.06 .03 .06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D2
WS Max WS - TR200_D0.5
WS Max WS - TR200_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)

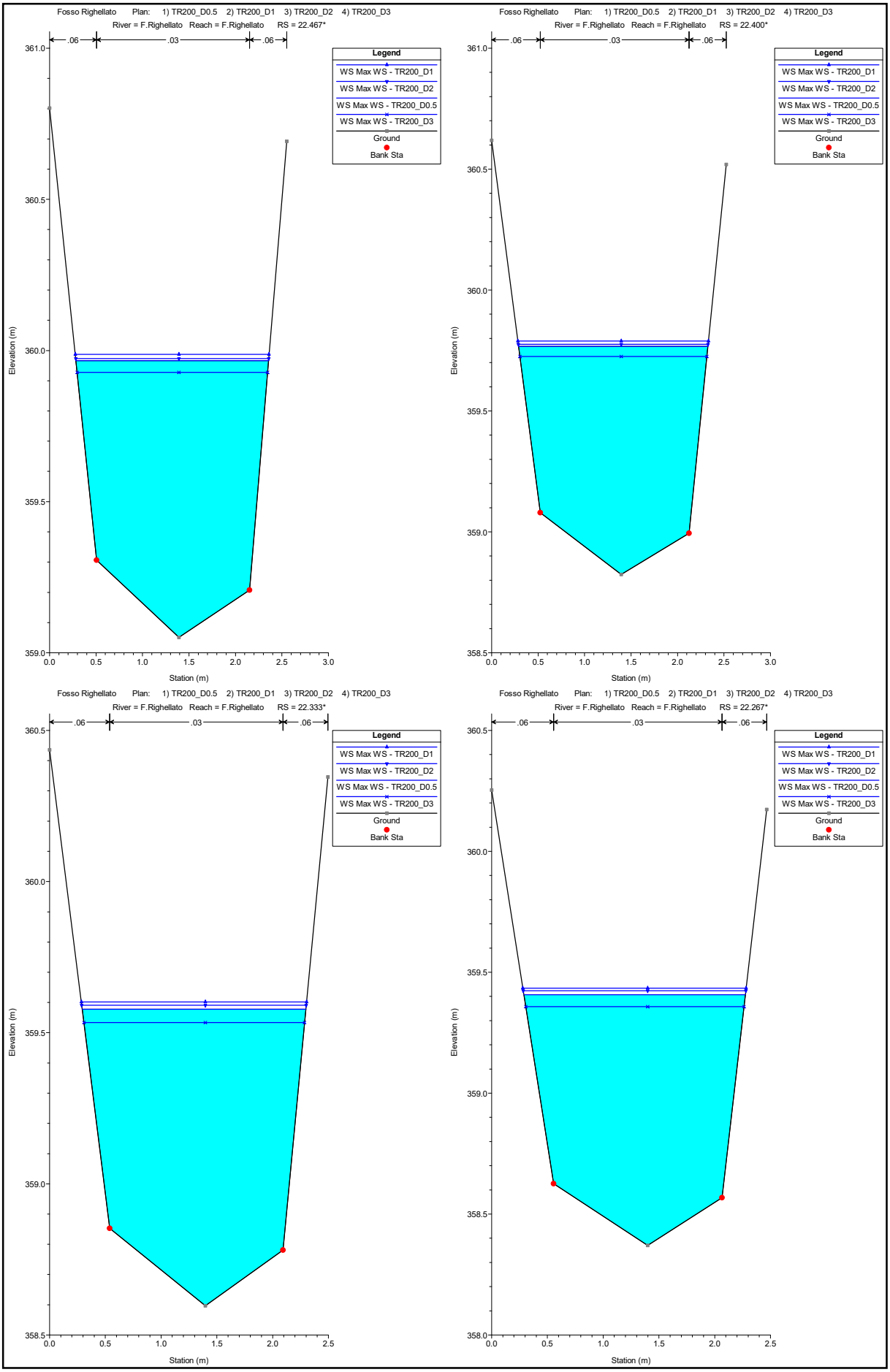

Fosso Righellato Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2 4) TR200_D3
River = F.Righellato Reach = F.Righellato RS = 26.667*
.06 .03 .06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D2
WS Max WS - TR200_D0.5
WS Max WS - TR200_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Fosso Righellato Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2 4) TR200_D3
River = F.Righellato Reach = F.Righellato RS = 25.833*
.06 .03 .06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D2
WS Max WS - TR200_D0.5
WS Max WS - TR200_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Fosso Righellato Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2 4) TR200_D3
River = F.Righellato Reach = F.Righellato RS = 25 RIG-08
.06 .03 .06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D2
WS Max WS - TR200_D0.5
WS Max WS - TR200_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Fosso Righellato Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2 4) TR200_D3
River = F.Righellato Reach = F.Righellato RS = 24.857*
.06 .03 .06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D2
WS Max WS - TR200_D0.5
WS Max WS - TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)

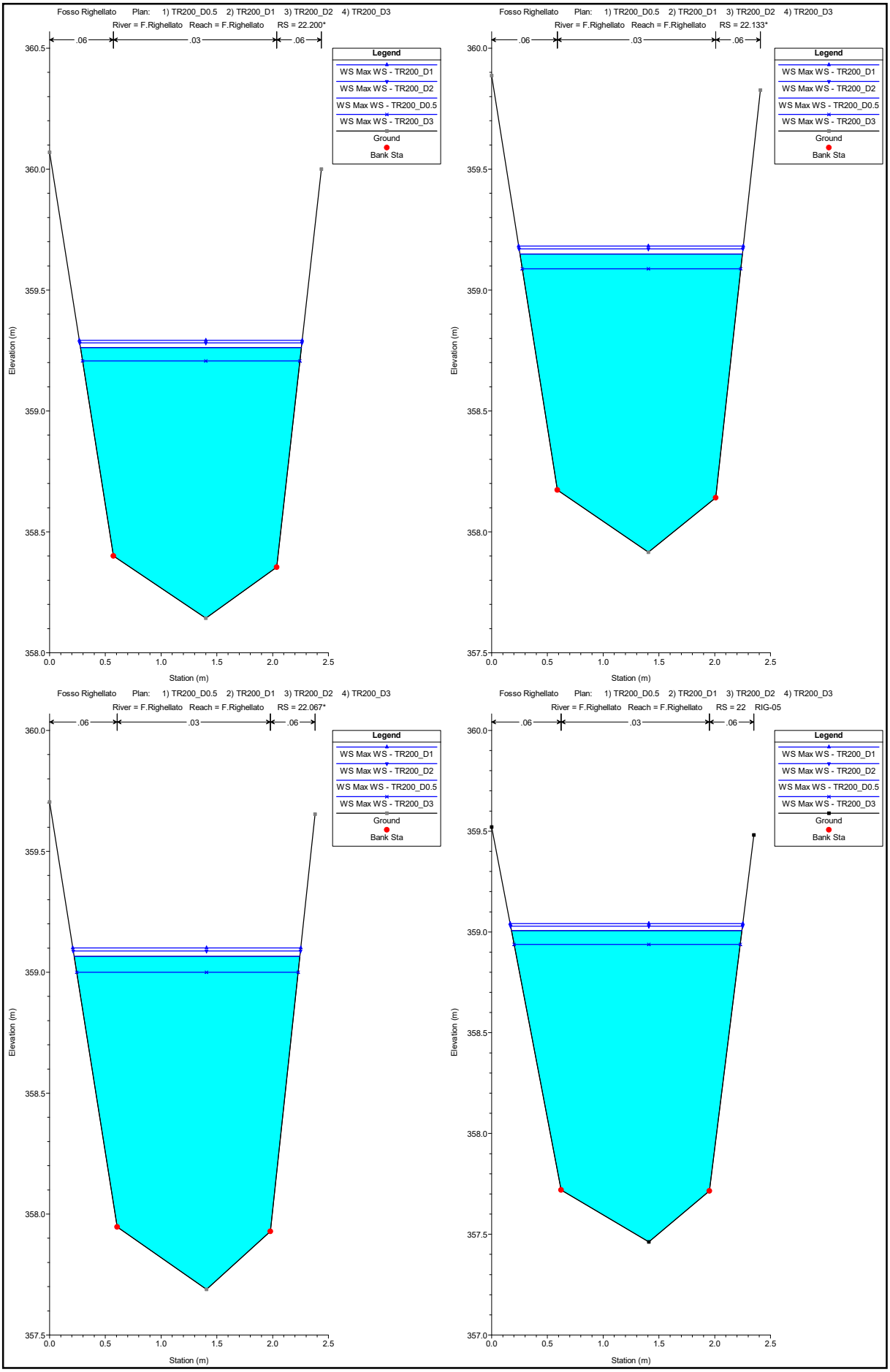

Fosso Righellato Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2 4) TR200_D3
River = F.Righellato Reach = F.Righellato RS = 24.714*
.06
.03
.06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D2
WS Max WS - TR200_D0.5
WS Max WS - TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso Righellato Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2 4) TR200_D3
River = F.Righellato Reach = F.Righellato RS = 24.571*
.06
.03
.06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D2
WS Max WS - TR200_D0.5
WS Max WS - TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso Righellato Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2 4) TR200_D3
River = F.Righellato Reach = F.Righellato RS = 24.429*
.06
.03
.06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D2
WS Max WS - TR200_D0.5
WS Max WS - TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso Righellato Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2 4) TR200_D3
River = F.Righellato Reach = F.Righellato RS = 24.286*
.06
.03
.06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D2
WS Max WS - TR200_D0.5
WS Max WS - TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)

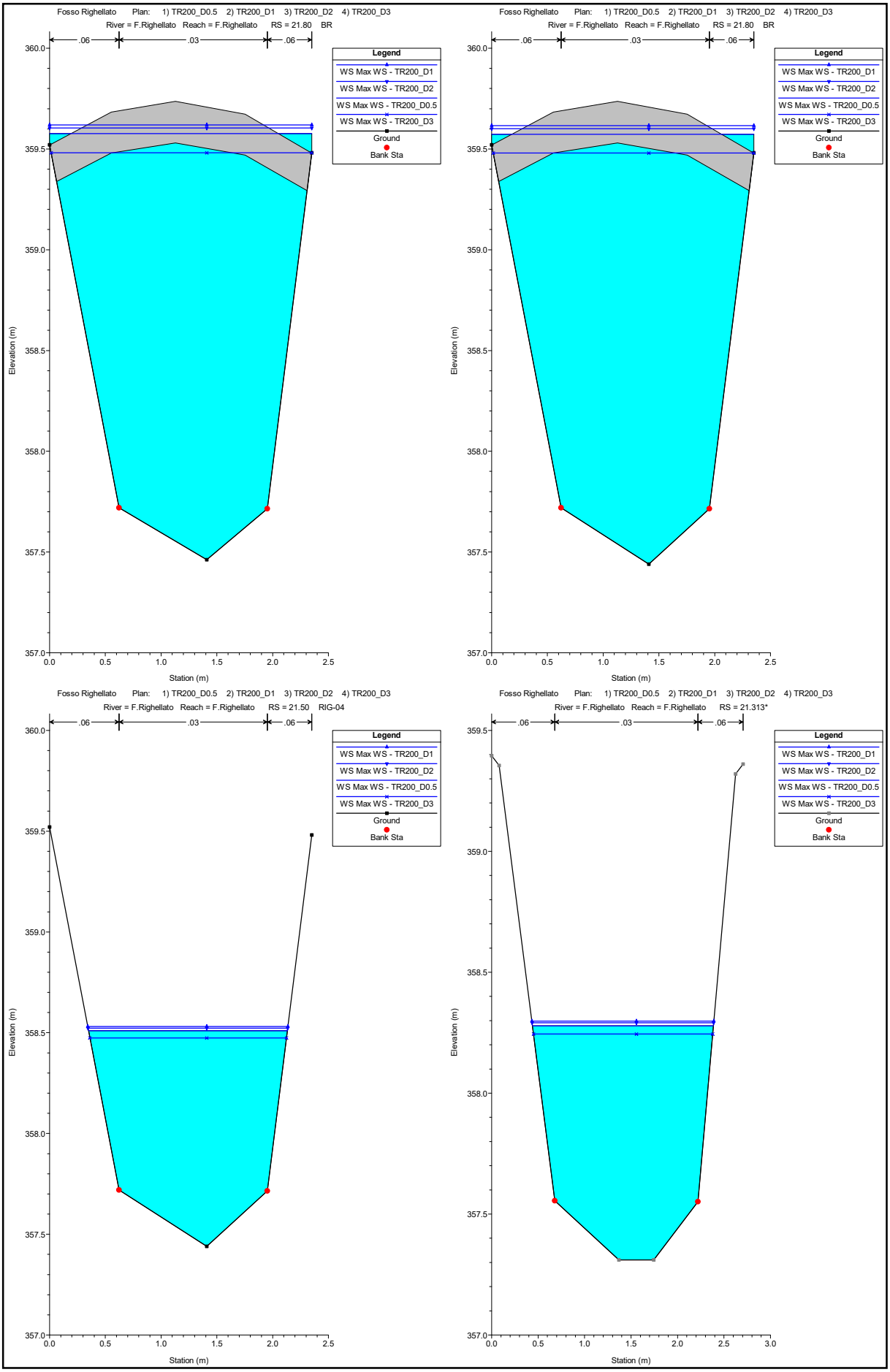

Fosso Righellato Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2 4) TR200_D3
River = F.Righellato Reach = F.Righellato RS = 24.143*
.06
.03
.06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D2
WS Max WS - TR200_D0.5
WS Max WS - TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso Righellato Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2 4) TR200_D3
River = F.Righellato Reach = F.Righellato RS = 24 RIG-07
Fosso Righellato Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2 4) TR200_D3
River = F.Righellato Reach = F.Righellato RS = 23.50 Culv
Fosso Righellato Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2 4) TR200_D3
River = F.Righellato Reach = F.Righellato RS = 23.50 Culv

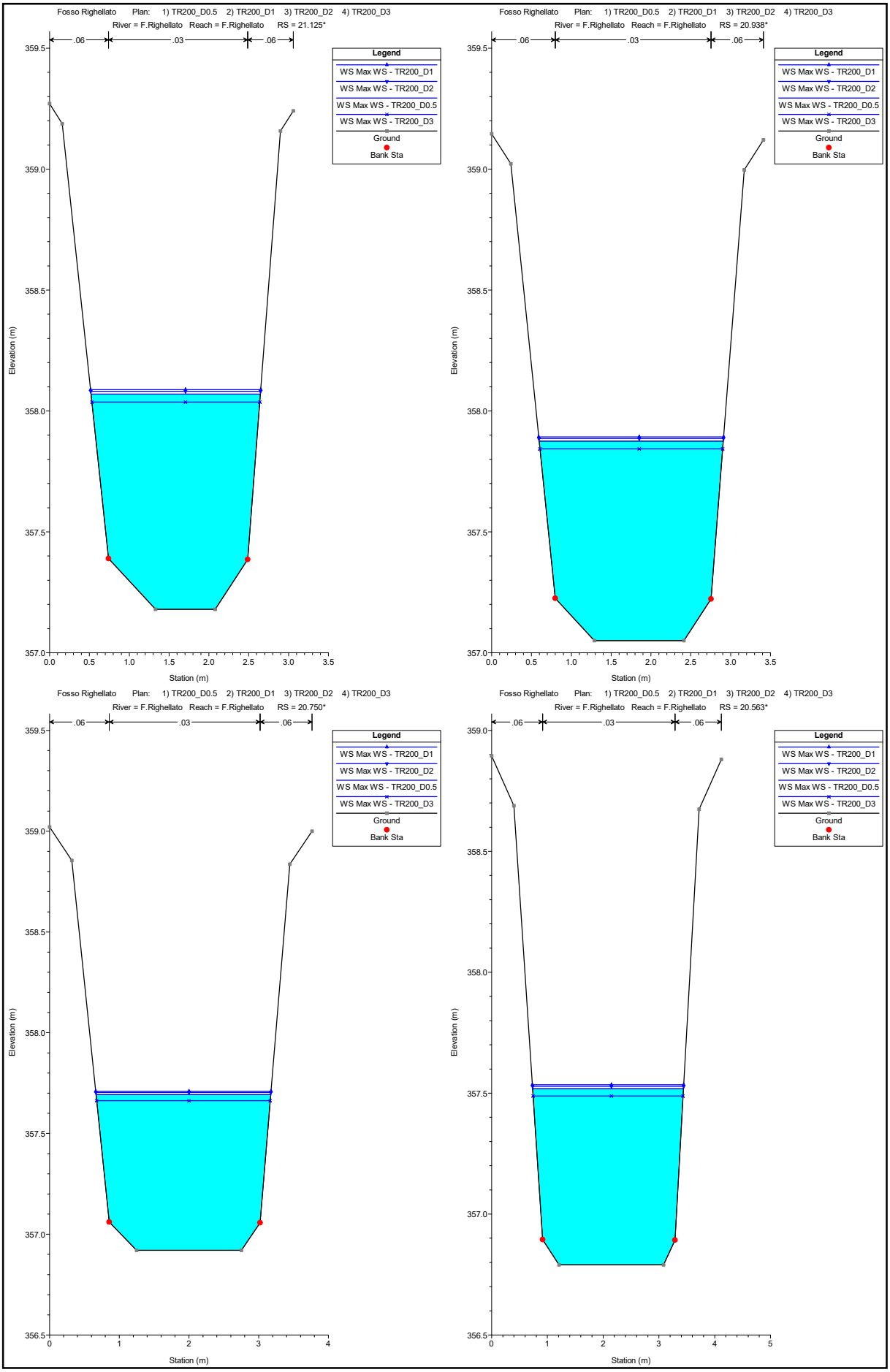

Fosso Righellato Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2 4) TR200_D3
River = F.Righellato Reach = F.Righellato RS = 23 RIG-06
.06
.03
.06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D2
WS Max WS - TR200_D0.5
WS Max WS - TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso Righellato Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2 4) TR200_D3
River = F.Righellato Reach = F.Righellato RS = 22.933*
Fosso Righellato Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2 4) TR200_D3
River = F.Righellato Reach = F.Righellato RS = 22.867*
Fosso Righellato Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2 4) TR200_D3
River = F.Righellato Reach = F.Righellato RS = 22.800*

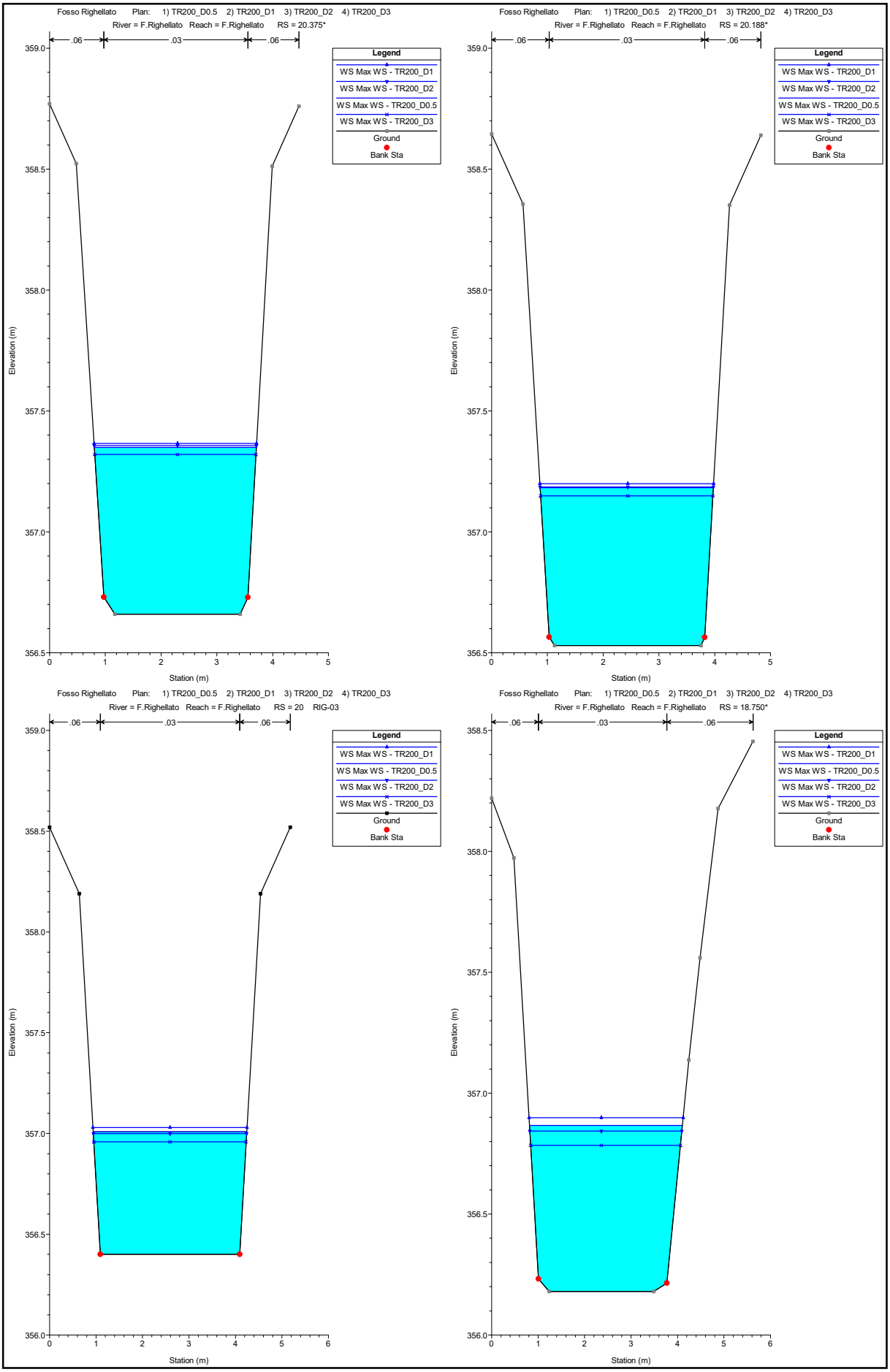

Fosso Righellato Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2 4) TR200_D3
River = F.Righellato Reach = F.Righellato RS = 22.733*
.06
.03
.06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D2
WS Max WS - TR200_D0.5
WS Max WS - TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso Righellato Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2 4) TR200_D3
River = F.Righellato Reach = F.Righellato RS = 22.667*
Fosso Righellato Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2 4) TR200_D3
River = F.Righellato Reach = F.Righellato RS = 22.600*
Fosso Righellato Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2 4) TR200_D3
River = F.Righellato Reach = F.Righellato RS = 22.533*

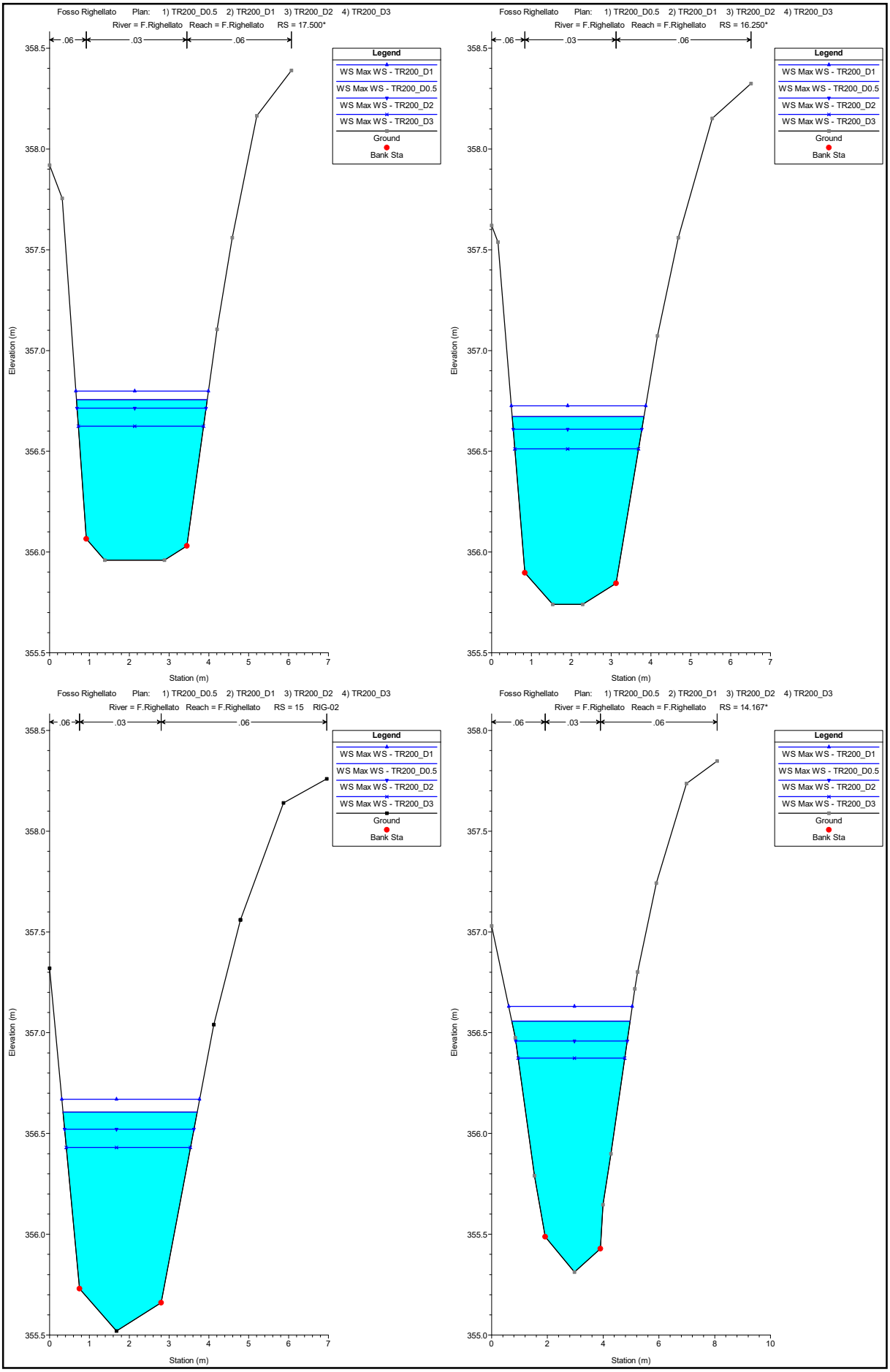

Fosso Righellato Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2 4) TR200_D3
River = F.Righellato Reach = F.Righellato RS = 22.467*
.06
.03
.06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D2
WS Max WS - TR200_D0.5
WS Max WS - TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso Righellato Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2 4) TR200_D3
River = F.Righellato Reach = F.Righellato RS = 22.400*
Fosso Righellato Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2 4) TR200_D3
River = F.Righellato Reach = F.Righellato RS = 22.333*
Fosso Righellato Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2 4) TR200_D3
River = F.Righellato Reach = F.Righellato RS = 22.267*

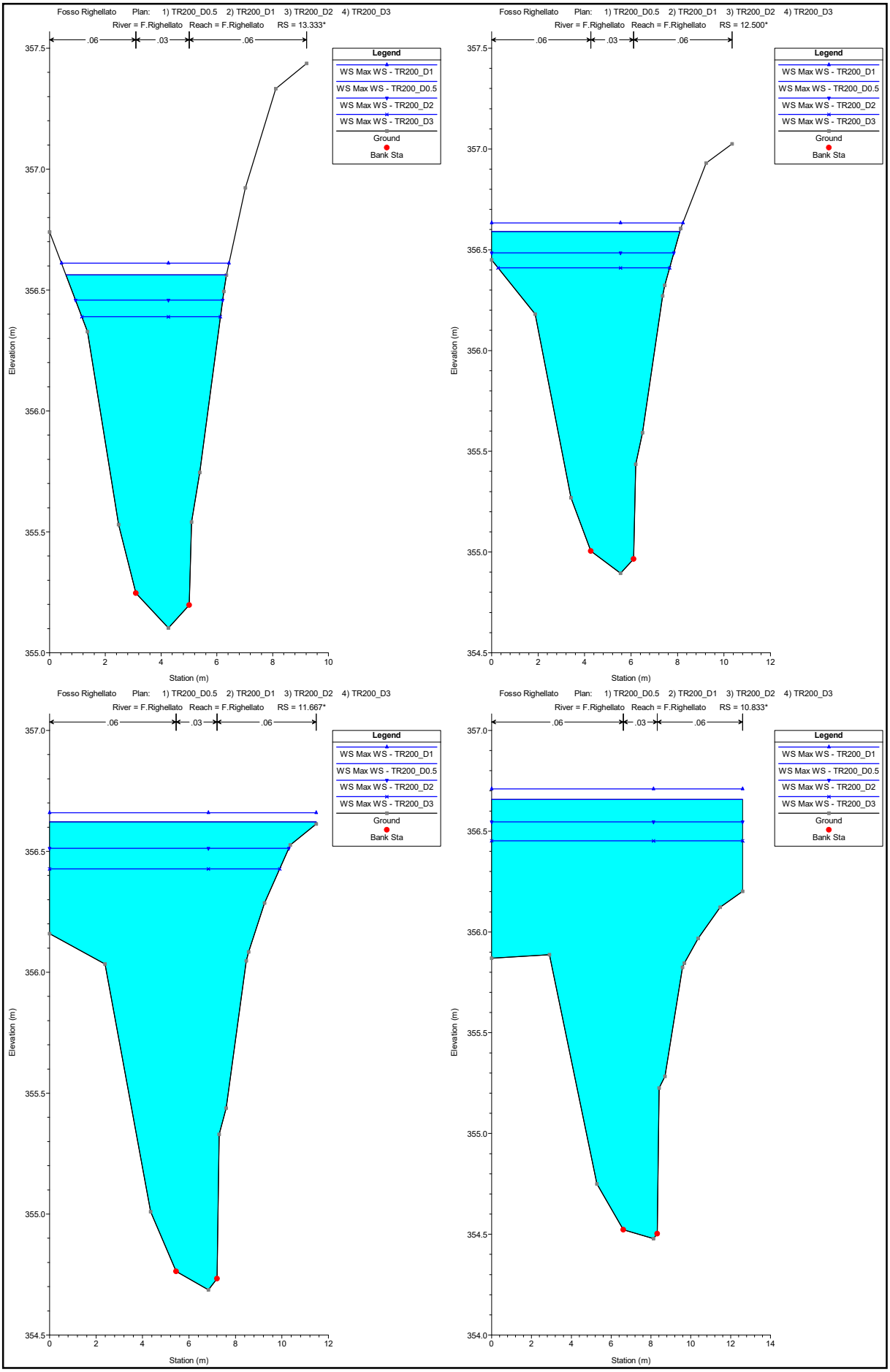

Fosso Righellato Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2 4) TR200_D3
River = F.Righellato Reach = F.Righellato RS = 22.200*
.06
.03
.06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D2
WS Max WS - TR200_D0.5
WS Max WS - TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso Righellato Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2 4) TR200_D3
River = F.Righellato Reach = F.Righellato RS = 22.133*
Fosso Righellato Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2 4) TR200_D3
River = F.Righellato Reach = F.Righellato RS = 22.067*
Fosso Righellato Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2 4) TR200_D3
River = F.Righellato Reach = F.Righellato RS = 22 RIG-05

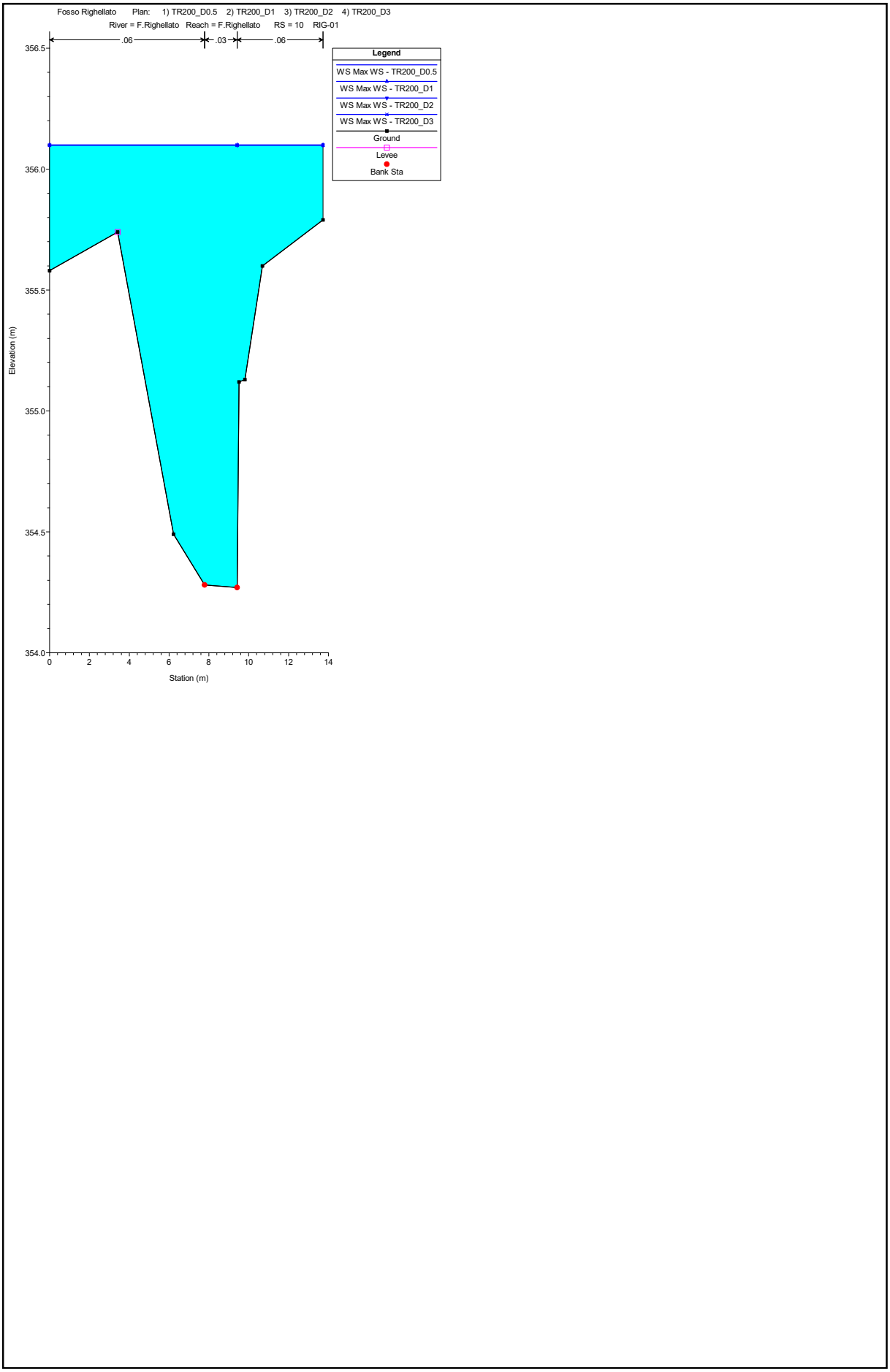

Fosso Righellato Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2 4) TR200_D3
River = F.Righellato Reach = F.Righellato RS = 21.80 BR
.06
.03
.06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D2
WS Max WS - TR200_D0.5
WS Max WS - TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso Righellato Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2 4) TR200_D3
River = F.Righellato Reach = F.Righellato RS = 21.80 BR
.06
.03
.06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D2
WS Max WS - TR200_D0.5
WS Max WS - TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso Righellato Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2 4) TR200_D3
River = F.Righellato Reach = F.Righellato RS = 21.50 RIG-04
.06
.03
.06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D2
WS Max WS - TR200_D0.5
WS Max WS - TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso Righellato Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2 4) TR200_D3
River = F.Righellato Reach = F.Righellato RS = 21.313*
.06
.03
.06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D2
WS Max WS - TR200_D0.5
WS Max WS - TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)


Fosso Righellato Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2 4) TR200_D3
River = F.Righellato Reach = F.Righellato RS = 21.125*
.06
.03
.06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D2
WS Max WS - TR200_D0.5
WS Max WS - TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso Righellato Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2 4) TR200_D3
River = F.Righellato Reach = F.Righellato RS = 20.938*
Fosso Righellato Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2 4) TR200_D3
River = F.Righellato Reach = F.Righellato RS = 20.750*
Fosso Righellato Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2 4) TR200_D3
River = F.Righellato Reach = F.Righellato RS = 20.563*


Fosso Righellato Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2 4) TR200_D3
River = F.Righellato Reach = F.Righellato RS = 20.375*
.06
.03
.06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D2
WS Max WS - TR200_D0.5
WS Max WS - TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso Righellato Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2 4) TR200_D3
River = F.Righellato Reach = F.Righellato RS = 20.188*
Fosso Righellato Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2 4) TR200_D3
River = F.Righellato Reach = F.Righellato RS = 20 RIG-03
Fosso Righellato Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2 4) TR200_D3
River = F.Righellato Reach = F.Righellato RS = 18.750*


Fosso Righellato Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2 4) TR200_D3
River = F.Righellato Reach = F.Righellato RS = 17.500*
.06
.03
.06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
WS Max WS - TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso Righellato Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2 4) TR200_D3
River = F.Righellato Reach = F.Righellato RS = 16.250*
Fosso Righellato Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2 4) TR200_D3
River = F.Righellato Reach = F.Righellato RS = 15 RIG-02
Fosso Righellato Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2 4) TR200_D3
River = F.Righellato Reach = F.Righellato RS = 14.167*


Fosso Righellato Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2 4) TR200_D3
River = F.Righellato Reach = F.Righellato RS = 13.333*
.06 .03 .06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
WS Max WS - TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso Righellato Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2 4) TR200_D3
River = F.Righellato Reach = F.Righellato RS = 12.500*
.06 .03 .06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
WS Max WS - TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso Righellato Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2 4) TR200_D3
River = F.Righellato Reach = F.Righellato RS = 11.667*
.06 .03 .06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
WS Max WS - TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso Righellato Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2 4) TR200_D3
River = F.Righellato Reach = F.Righellato RS = 10.833*
.06 .03 .06
Legend
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
WS Max WS - TR200_D2
WS Max WS - TR200_D3
Ground
Bank Sta
Elevation (m)
Station (m)


Fosso Righellato Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2 4) TR200_D3
River = F.Righellato Reach = F.Righellato RS = 10 RIG-01
.06
.03
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
WS Max WS - TR200_D3
Ground
Levee
Bank Sta
Elevation (m)
356.5
356.0
355.5
355.0
354.5
354.0
0
2
4
6
8
10
12
14
Station (m)

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "FOSSO RIGHELLATO"

F. RIGHELLATO

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 0.5, 1, 2 e 3h

Dati idraulici

HEC-RAS River: F.Righellato Reach: F.Righellato Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
F.Righellato	60	Max WS	TR200_D0.5	12.30	371.13	372.28	372.47	373.02	0.017300	3.86	0.87	0.78	3.57	5.25	1.30
F.Righellato	60	Max WS	TR200_D1	14.79	371.13	372.40	372.60	373.20	0.016018	4.04	0.94	0.92	4.23	5.53	1.27
F.Righellato	60	Max WS	TR200_D2	12.70	371.13	372.30	372.49	373.04	0.016983	3.89	0.88	0.81	3.69	5.30	1.29
F.Righellato	60	Max WS	TR200_D3	9.80	371.13	372.13	372.32	372.83	0.020492	3.73	0.79	0.55	2.83	4.89	1.37
F.Righellato	59.99			Lat Struct											
F.Righellato	59.98			Lat Struct											
F.Righellato	57.500*	Max WS	TR200_D0.5	12.29	370.92	372.17	372.27	372.76	0.011997	3.48	0.80	0.73	4.06	5.46	1.10
F.Righellato	57.500*	Max WS	TR200_D1	14.78	370.92	372.29	372.40	372.94	0.011376	3.66	0.84	0.84	4.79	5.95	1.09
F.Righellato	57.500*	Max WS	TR200_D2	12.70	370.92	372.19	372.29	372.79	0.011836	3.51	0.81	0.75	4.19	5.55	1.10
F.Righellato	57.500*	Max WS	TR200_D3	9.80	370.92	372.00	372.12	372.57	0.014528	3.39	0.73	0.59	3.17	4.94	1.17
F.Righellato	55.000*	Max WS	TR200_D0.5	12.28	370.70	372.09	372.06	372.54	0.007834	3.07	0.70	0.67	4.77	5.96	0.91
F.Righellato	55.000*	Max WS	TR200_D1	14.77	370.70	372.22	372.20	372.73	0.007711	3.27	0.75	0.75	5.59	6.53	0.91
F.Righellato	55.000*	Max WS	TR200_D2	12.70	370.70	372.11	372.08	372.58	0.007794	3.10	0.71	0.69	4.92	6.07	0.91
F.Righellato	55.000*	Max WS	TR200_D3	9.80	370.70	371.90	371.91	372.34	0.009218	2.97	0.67	0.58	3.74	5.19	0.95
F.Righellato	52.500*	Max WS	TR200_D0.5	12.28	370.49	372.04		372.38	0.005059	2.69	0.60	0.60	5.73	6.80	0.74
F.Righellato	52.500*	Max WS	TR200_D1	14.78	370.49	372.17	372.00	372.56	0.005187	2.90	0.65	0.67	6.67	7.61	0.76
F.Righellato	52.500*	Max WS	TR200_D2	12.70	370.49	372.06		372.41	0.005073	2.73	0.61	0.61	5.89	6.95	0.74
F.Righellato	52.500*	Max WS	TR200_D3	9.80	370.49	371.85		372.16	0.005642	2.56	0.58	0.55	4.53	5.70	0.76
F.Righellato	50	Max WS	TR200_D0.5	12.27	370.27	372.02		372.27	0.003206	2.33	0.57	0.52	6.98	7.59	0.60
F.Righellato	50	Max WS	TR200_D1	14.72	370.27	372.15		372.44	0.003363	2.52	0.65	0.57	8.01	8.00	0.62
F.Righellato	50	Max WS	TR200_D2	12.69	370.27	372.05		372.30	0.003217	2.36	0.58	0.53	7.18	7.68	0.60
F.Righellato	50	Max WS	TR200_D3	9.80	370.27	371.81		372.05	0.003479	2.21	0.52	0.49	5.54	6.44	0.61
F.Righellato	47	Max WS	TR200_D0.5	12.25	370.05	372.05		372.23	0.001990	2.00	0.43	0.53	8.43	6.64	0.47
F.Righellato	47	Max WS	TR200_D1	14.45	370.05	372.18		372.40	0.002129	2.17	0.48	0.58	9.35	6.84	0.49
F.Righellato	47	Max WS	TR200_D2	12.65	370.05	372.07		372.26	0.002014	2.03	0.44	0.54	8.61	6.67	0.47
F.Righellato	47	Max WS	TR200_D3	9.80	370.05	371.84		371.99	0.001908	1.81	0.49	0.47	7.09	6.15	0.45
F.Righellato	45	Max WS	TR200_D0.5	12.25	370.05	372.05	371.39	372.22	0.001917	1.96	0.42	0.52	8.55	6.64	0.46
F.Righellato	45	Max WS	TR200_D1	14.37	370.05	372.19	371.51	372.39	0.002019	2.11	0.47	0.56	9.50	6.86	0.47
F.Righellato	45	Max WS	TR200_D2	12.63	370.05	372.08	371.42	372.26	0.001933	1.99	0.43	0.53	8.73	6.67	0.46
F.Righellato	45	Max WS	TR200_D3	9.80	370.05	371.85	371.23	371.99	0.001820	1.77	0.48	0.46	7.22	6.16	0.44
F.Righellato	44.80			Inl Struct											
F.Righellato	44.50	Max WS	TR200_D0.5	12.25	368.34	371.30		371.36	0.000223	1.03	0.05	0.00	12.27	4.42	0.19
F.Righellato	44.50	Max WS	TR200_D1	14.37	368.34	371.44		371.51	0.000264	1.15	0.05	0.00	12.89	4.42	0.21
F.Righellato	44.50	Max WS	TR200_D2	12.63	368.34	371.33		371.38	0.000231	1.05	0.05	0.00	12.38	4.42	0.19
F.Righellato	44.50	Max WS	TR200_D3	9.80	368.34	371.14		371.17	0.000174	0.87	0.04	0.00	11.53	4.42	0.17
F.Righellato	44.333*	Max WS	TR200_D0.5	11.59	368.34	371.31		371.36	0.000198	0.97	0.04	0.00	12.32	4.42	0.18
F.Righellato	44.333*	Max WS	TR200_D1	13.49	368.34	371.46		371.52	0.000228	1.08	0.05	0.00	12.96	4.42	0.19
F.Righellato	44.333*	Max WS	TR200_D2	11.93	368.34	371.34		371.39	0.000203	0.99	0.04	0.00	12.43	4.42	0.18
F.Righellato	44.333*	Max WS	TR200_D3	9.37	368.34	371.14		371.18	0.000157	0.83	0.03	0.00	11.56	4.42	0.16
F.Righellato	44.167*	Max WS	TR200_D0.5	10.60	368.34	371.33		371.37	0.000163	0.88	0.04	0.00	12.38	4.42	0.16
F.Righellato	44.167*	Max WS	TR200_D1	12.36	368.34	371.48		371.53	0.000188	0.98	0.05	0.00	13.04	4.42	0.18
F.Righellato	44.167*	Max WS	TR200_D2	10.92	368.34	371.36		371.40	0.000168	0.90	0.04	0.00	12.50	4.42	0.17
F.Righellato	44.167*	Max WS	TR200_D3	8.56	368.34	371.15		371.18	0.000130	0.76	0.03	0.00	11.61	4.42	0.14
F.Righellato	44	Max WS	TR200_D0.5	8.57	368.34	371.35		371.38	0.000103	0.71	0.03	0.04	12.84	4.82	0.13
F.Righellato	44	Max WS	TR200_D1	9.76	368.34	371.51		371.54	0.000113	0.76	0.04	0.04	13.60	4.82	0.14
F.Righellato	44	Max WS	TR200_D2	8.78	368.34	371.38		371.41	0.000105	0.72	0.03	0.04	12.98	4.82	0.13
F.Righellato	44	Max WS	TR200_D3	7.16	368.34	371.17		371.19	0.000089	0.63	0.03	0.03	11.95	4.82	0.12
F.Righellato	43	Max WS	TR200_D0.5	8.05	368.34	371.31		371.40	0.000343	1.28	0.10	0.08	7.25	3.20	0.24
F.Righellato	43	Max WS	TR200_D1	9.08	368.34	371.47		371.56	0.000369	1.37	0.11	0.09	7.73	3.20	0.25
F.Righellato	43	Max WS	TR200_D2	8.23	368.34	371.34		371.42	0.000348	1.29	0.10	0.08	7.33	3.20	0.24
F.Righellato	43	Max WS	TR200_D3	6.80	368.34	371.13		371.20	0.000302	1.15	0.08	0.06	6.68	3.20	0.22
F.Righellato	42.50			Culvert											
F.Righellato	42	Max WS	TR200_D0.5	8.05	366.38	367.10	367.51	368.51	0.040759	5.27	0.16		1.53	2.22	2.02
F.Righellato	42	Max WS	TR200_D1	9.08	366.38	367.15	367.60	368.71	0.040629	5.53	0.16		1.65	2.22	2.04
F.Righellato	42	Max WS	TR200_D2	8.23	366.38	367.11	367.52	368.55	0.040711	5.32	0.16		1.56	2.22	2.02
F.Righellato	42	Max WS	TR200_D3	6.80	366.38	367.03	367.39	368.27	0.040879	4.93	0.15		1.38	2.22	1.99
F.Righellato	41.99			Lat Struct											
F.Righellato	41.98			Lat Struct											
F.Righellato	41.600*	Max WS	TR200_D0.5	8.04	366.28	367.01	367.43	368.47	0.041298	5.35	0.52	0.13	1.55	2.26	2.04
F.Righellato	41.600*	Max WS	TR200_D1	9.07	366.28	367.06	367.53	368.67	0.041246	5.62	0.55	0.14	1.67	2.27	2.06
F.Righellato	41.600*	Max WS	TR200_D2	8.22	366.28	367.02	367.45	368.50	0.041265	5.40	0.53	0.13	1.57	2.26	2.04
F.Righellato	41.600*	Max WS	TR200_D3	6.79	366.28	366.94	367.32	368.22	0.041247	5.00	0.49	0.12	1.39	2.25	2.00
F.Righellato	41.200*	Max WS	TR200_D0.5	8.03	366.18	366.92	367.36	368.42	0.042429	5.45	0.86	0.25	1.56	2.36	2.07
F.Righellato	41.200*	Max WS	TR200_D1	9.06	366.18	366.98	367.45	368.63	0.042424	5.72	0.91	0.26	1.69	2.39	2.09
F.Righellato	41.200*	Max WS	TR200_D2	8.22	366.18	366.93	367.38	368.46	0.042333	5.50	0.87	0.25	1.59	2.37	2.07
F.Righellato	41.200*	Max WS	TR200_D3	6.79	366.18	366.86	367.24	368.17	0.042217	5.09	0.81	0.23	1.41	2.33	2.03
F.Righellato	40.800*	Max WS	TR200_D0.5	8.03	366.08	366.83	367.28	368.36	0.043809	5.54	1.21	0.39	1.60	2.57	2.10
F.Righellato	40.800*	Max WS	TR200_D1	9.05	366.08	366.89	367.37	368.55	0.043600	5.80	1.27	0.41	1.74	2.62	2.12
F.Righellato	40.800*	Max WS	TR200_D2	8.21	366.08	366.84	367.30	368.39	0.043612	5.59	1.22	0.39	1.63	2.58	2.10
F.Righellato	40.800*	Max WS	TR200_D3	6.79	366.08	366.77	367.16	368.11	0.043693	5.19	1.12	0.36	1.44	2.51	2.06
F.Righellato	40.400*	Max WS	TR200_D0.5	8.02	365.98	366.74	367.17	368.23	0.044757	5.58	1.44	0.58	1.72	3.12	2.12
F.Righellato	40.400*	Max WS	TR200_D1	9.04	365.98	366.79	367.28	368.40	0.044034	5.81	1.51	0.61	1.89	3.24	2.12
F.Righellato	40.400*	Max WS	TR200_D2	8.20	365.98	366.75	367.19	368.26	0.044335	5.61	1.45	0.59	1.76	3.14	2.11
F.Righellato	40.400*	Max WS	TR200_D3	6.79	365.98	366.67	367.07	368.01	0.045342	5.25	1.35	0.55	1.52	2.98	2.09
F.Righellato	40	Max WS	TR200_D0.5	8.01	365.88	366.66	366.99	367.65	0.034305	4.89	1.42	0.80	2.50	5.57	1.85
F.Righellato	40	Max WS	TR200_D1	9.03	365.88	366.71	367.04	367.73	0.032375	4.99	1.48	0.82	2.82	5.84	1.82
F.Righellato	40	Max WS	TR200_D2	8.20	365.88	366.67	367.00	367.66	0.033626	4.89	1.43	0.80	2.57	5.62	1.84
F.Righellato	40	Max WS	TR200_D3	6.79	365.88	366.59	366.91	367.54	0.037097	4.74	1.35	0.77	2.12	5.22	1.89
F.Righellato	39.000*	Max WS	TR200_D0.5	8.02	365.47	366.42	366.63	367.07	0.016880	3.87	1.10	0.66	3.00	5.55	1.33
F.Righellato	39.000*	Max WS	TR200_D1	8.98	365.47	366.49	366.73	367.15	0.015849	3.95	1.11	0.63	3.40	6.25	1.31
F.Righellato	39.000*	Max WS	TR200_D2	8.22	365.47	366.44	366.64	367.08	0.016499	3.87	1.10	0.64	3.09	5.72	1.32

HEC-RAS River: F.Righellato Reach: F.Righellato Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
F.Righellato	39.000*	Max WS	TR200_D3	6.81	365.47	366.33	366.52	366.96	0.018807	3.78	1.06	0.70	2.51	4.97	1.38
F.Righellato	38.000*	Max WS	TR200_D0.5	7.99	365.06	366.32		366.60	0.005291	2.60	0.74	0.52	4.61	6.85	0.78
F.Righellato	38.000*	Max WS	TR200_D1	8.97	365.06	366.39	366.27	366.70	0.005282	2.71	0.75	0.56	5.13	7.45	0.79
F.Righellato	38.000*	Max WS	TR200_D2	8.20	365.06	366.33		366.63	0.005257	2.62	0.74	0.53	4.74	7.00	0.78
F.Righellato	38.000*	Max WS	TR200_D3	6.80	365.06	366.21		366.48	0.005555	2.50	0.72	0.48	3.93	6.22	0.78
F.Righellato	37.000*	Max WS	TR200_D0.5	7.97	364.64	366.33		366.45	0.001527	1.70	0.44	0.42	7.54	8.70	0.44
F.Righellato	37.000*	Max WS	TR200_D1	8.96	364.64	366.40		366.54	0.001615	1.80	0.46	0.46	8.18	9.24	0.45
F.Righellato	37.000*	Max WS	TR200_D2	8.19	364.64	366.36		366.48	0.001526	1.72	0.44	0.43	7.73	8.88	0.44
F.Righellato	37.000*	Max WS	TR200_D3	6.80	364.64	366.22		366.33	0.001469	1.59	0.45	0.39	6.62	7.70	0.42
F.Righellato	36.000*	Max WS	TR200_D0.5	7.97	364.23	366.36		366.42	0.000554	1.19	0.31	0.34	11.13	9.77	0.27
F.Righellato	36.000*	Max WS	TR200_D1	8.94	364.23	366.44		366.50	0.000595	1.27	0.33	0.36	11.85	9.77	0.28
F.Righellato	36.000*	Max WS	TR200_D2	8.18	364.23	366.38		366.44	0.000556	1.20	0.31	0.34	11.34	9.77	0.27
F.Righellato	36.000*	Max WS	TR200_D3	6.80	364.23	366.25		366.30	0.000519	1.11	0.27	0.31	10.00	9.63	0.26
F.Righellato	35	Max WS	TR200_D0.5	6.87	363.82	366.39		366.41	0.000181	0.77	0.20	0.23	15.08	10.30	0.16
F.Righellato	35	Max WS	TR200_D1	7.24	363.82	366.47		366.49	0.000175	0.77	0.21	0.23	15.91	10.30	0.16
F.Righellato	35	Max WS	TR200_D2	6.92	363.82	366.41		366.43	0.000176	0.76	0.20	0.23	15.32	10.30	0.16
F.Righellato	35	Max WS	TR200_D3	6.34	363.82	366.26		366.29	0.000192	0.76	0.19	0.23	13.82	10.30	0.16
F.Righellato	32			Culvert											
F.Righellato	30	Max WS	TR200_D0.5	6.87	362.94	364.00	364.25	364.83	0.017443	4.46	1.14	1.14	2.43	3.69	1.41
F.Righellato	30	Max WS	TR200_D1	7.24	362.94	364.04	364.29	364.87	0.016506	4.47	1.14	1.15	2.59	3.81	1.38
F.Righellato	30	Max WS	TR200_D2	6.92	362.94	364.01	364.26	364.83	0.017167	4.45	1.14	1.14	2.46	3.71	1.40
F.Righellato	30	Max WS	TR200_D3	6.34	362.94	363.94	364.20	364.77	0.018689	4.44	1.13	1.13	2.21	3.53	1.44
F.Righellato	29.167*	Max WS	TR200_D0.5	7.20	362.79	363.84	364.10	364.71	0.018437	4.53	1.15	1.16	2.43	3.68	1.44
F.Righellato	29.167*	Max WS	TR200_D1	7.80	362.79	363.89	364.17	364.79	0.018044	4.62	1.18	1.18	2.61	3.82	1.44
F.Righellato	29.167*	Max WS	TR200_D2	7.32	362.79	363.85	364.12	364.72	0.018336	4.54	1.16	1.16	2.46	3.71	1.44
F.Righellato	29.167*	Max WS	TR200_D3	6.36	362.79	363.77	364.02	364.58	0.018609	4.34	1.10	1.11	2.19	3.51	1.43
F.Righellato	28.333*	Max WS	TR200_D0.5	7.28	362.64	363.67	363.94	364.54	0.018566	4.47	1.13	1.14	2.41	3.67	1.44
F.Righellato	28.333*	Max WS	TR200_D1	8.00	362.64	363.72	364.06	364.64	0.018543	4.62	1.17	1.18	2.60	3.80	1.45
F.Righellato	28.333*	Max WS	TR200_D2	7.43	362.64	363.68	363.95	364.56	0.018587	4.50	1.14	1.15	2.44	3.69	1.44
F.Righellato	28.333*	Max WS	TR200_D3	6.36	362.64	363.61	363.84	364.40	0.018424	4.24	1.07	1.08	2.17	3.49	1.42
F.Righellato	27.500*	Max WS	TR200_D0.5	7.29	362.50	363.51	363.84	364.35	0.018575	4.38	1.10	1.11	2.38	3.64	1.43
F.Righellato	27.500*	Max WS	TR200_D1	8.06	362.50	363.56	363.90	364.47	0.018775	4.56	1.14	1.16	2.57	3.77	1.45
F.Righellato	27.500*	Max WS	TR200_D2	7.45	362.50	363.52	363.86	364.38	0.018615	4.42	1.11	1.12	2.42	3.67	1.43
F.Righellato	27.500*	Max WS	TR200_D3	6.36	362.50	363.44	363.67	364.21	0.018289	4.15	1.04	1.05	2.15	3.48	1.40
F.Righellato	26.667*	Max WS	TR200_D0.5	7.29	362.35	363.34	363.64	364.17	0.018691	4.31	1.07	1.09	2.35	3.61	1.43
F.Righellato	26.667*	Max WS	TR200_D1	8.07	362.35	363.39	363.70	364.29	0.019086	4.50	1.12	1.14	2.52	3.73	1.45
F.Righellato	26.667*	Max WS	TR200_D2	7.45	362.35	363.35	363.65	364.20	0.018764	4.35	1.08	1.10	2.38	3.64	1.43
F.Righellato	26.667*	Max WS	TR200_D3	6.36	362.35	363.28	363.56	364.03	0.018241	4.07	1.01	1.02	2.13	3.47	1.39
F.Righellato	25.833*	Max WS	TR200_D0.5	7.29	362.20	363.17	363.44	364.00	0.019059	4.26	1.04	1.07	2.30	3.58	1.43
F.Righellato	25.833*	Max WS	TR200_D1	8.07	362.20	363.21	363.49	364.12	0.019859	4.49	0.80	1.13	2.60	5.05	1.47
F.Righellato	25.833*	Max WS	TR200_D2	7.45	362.20	363.18	363.45	364.02	0.019207	4.31	1.06	1.08	2.34	3.60	1.44
F.Righellato	25.833*	Max WS	TR200_D3	6.36	362.20	363.11	363.36	363.85	0.018317	4.00	0.98	1.00	2.11	3.45	1.39
F.Righellato	25	Max WS	TR200_D0.5	7.20	362.05	363.00	363.23	363.79	0.018873	4.15	0.82	1.03	2.40	4.44	1.42
F.Righellato	25	Max WS	TR200_D1	7.86	362.05	363.04	363.29	363.88	0.019276	4.31	0.89	1.08	2.56	4.49	1.44
F.Righellato	25	Max WS	TR200_D2	7.34	362.05	363.01	363.25	363.80	0.018917	4.18	0.83	1.04	2.44	4.45	1.42
F.Righellato	25	Max WS	TR200_D3	6.35	362.05	362.95	363.16	363.67	0.018573	3.95	0.72	0.98	2.17	4.38	1.39
F.Righellato	24.857*	Max WS	TR200_D0.5	7.04	361.87	362.83	363.03	363.54	0.016669	3.99	0.88	1.02	2.48	4.27	1.34
F.Righellato	24.857*	Max WS	TR200_D1	7.57	361.87	362.86	363.07	363.61	0.016823	4.10	0.93	1.05	2.62	4.31	1.35
F.Righellato	24.857*	Max WS	TR200_D2	7.15	361.87	362.84	363.04	363.56	0.016648	4.01	0.89	1.02	2.51	4.28	1.34
F.Righellato	24.857*	Max WS	TR200_D3	6.33	361.87	362.78	362.96	363.46	0.016895	3.86	0.80	0.98	2.26	4.21	1.34
F.Righellato	24.714*	Max WS	TR200_D0.5	7.12	361.69	362.68	362.85	363.35	0.014826	3.89	0.95	1.01	2.61	4.12	1.28
F.Righellato	24.714*	Max WS	TR200_D1	7.61	361.69	362.71	362.89	363.41	0.014920	3.99	0.99	1.04	2.75	4.15	1.29
F.Righellato	24.714*	Max WS	TR200_D2	7.23	361.69	362.68	362.86	363.36	0.014815	3.91	0.96	1.02	2.65	4.13	1.28
F.Righellato	24.714*	Max WS	TR200_D3	6.39	361.69	362.62	362.78	363.25	0.014826	3.75	0.88	0.97	2.40	4.06	1.26
F.Righellato	24.571*	Max WS	TR200_D0.5	7.25	361.50	362.54	362.67	363.16	0.012756	3.77	0.99	1.00	2.80	3.98	1.20
F.Righellato	24.571*	Max WS	TR200_D1	7.73	361.50	362.57	362.71	363.22	0.013003	3.89	1.03	1.03	2.92	4.01	1.21
F.Righellato	24.571*	Max WS	TR200_D2	7.37	361.50	362.55	362.68	363.18	0.012813	3.80	1.00	1.01	2.83	3.99	1.20
F.Righellato	24.571*	Max WS	TR200_D3	6.48	361.50	362.49	362.60	363.05	0.012323	3.59	0.92	0.95	2.60	3.92	1.17
F.Righellato	24.429*	Max WS	TR200_D0.5	7.25	361.32	362.43	362.49	362.97	0.010164	3.55	0.96	0.95	3.04	3.86	1.08
F.Righellato	24.429*	Max WS	TR200_D1	7.72	361.32	362.46	362.53	363.03	0.010527	3.68	0.99	0.99	3.14	3.89	1.11
F.Righellato	24.429*	Max WS	TR200_D2	7.37	361.32	362.44	362.50	362.99	0.010259	3.59	0.97	0.96	3.06	3.87	1.09
F.Righellato	24.429*	Max WS	TR200_D3	6.48	361.32	362.39	362.42	362.86	0.009450	3.33	0.89	0.90	2.87	3.81	1.04
F.Righellato	24.286*	Max WS	TR200_D0.5	7.26	361.14	362.35	362.32	362.81	0.007918	3.34	0.88	0.90	3.32	3.76	0.97
F.Righellato	24.286*	Max WS	TR200_D1	7.71	361.14	362.37	362.36	362.87	0.008305	3.46	0.92	0.94	3.41	3.79	1.00
F.Righellato	24.286*	Max WS	TR200_D2	7.38	361.14	362.35	362.33	362.83	0.008039	3.37	0.89	0.91	3.34	3.77	0.98
F.Righellato	24.286*	Max WS	TR200_D3	6.48	361.14	362.31	362.24	362.71	0.007064	3.09	0.82	0.84	3.18	3.73	0.91
F.Righellato	24.143*	Max WS	TR200_D0.5	7.16	360.95	362.30		362.68	0.005643	3.04	0.75	0.83	3.71	3.69	0.84
F.Righellato	24.143*	Max WS	TR200_D1	7.55	360.95	362.31		362.72	0.006032	3.16	0.78	0.86	3.76	3.71	0.87
F.Righellato	24.143*	Max WS	TR200_D2	7.27	360.95	362.30		362.69	0.005747	3.07	0.76	0.84	3.72	3.70	0.85
F.Righellato	24.143*	Max WS	TR200_D3	6.45	360.95	362.27		362.59	0.004878	2.79	0.69	0.76	3.62	3.67	0.78
F.Righellato	24	Max WS	TR200_D0.5	6.22	360.77	362.36		362.58	0.002542	2.29	0.49	0.63	4.44	3.55	0.58
F.Righellato	24	Max WS	TR200_D1	6.47	360.77	362.38		362.60	0.002648	2.35	0.50	0.65	4.50	3.55	0.59
F.Righellato	24	Max WS	TR200_D2	6.29	360.77	362.37		362.58	0.002571	2.31	0.50	0.63	4.46	3.55	0.58
F.Righellato	24	Max WS	TR200_D3	5.74	360.77	362.33		362.52	0.002330	2.16	0.47	0.59	4.33	3.55	0.55
F.Righellato	23.50			Culvert											
F.Righellato	23	Max WS	TR200_D0.5	6.22	360.87	361.65	361.92	362.59	0.027400	4.33	0.52	0.67	1.55	2.43	1.65
F.Righellato	23	Max WS	TR200_D1	6.47	360.87	361.66	361.95	362.63	0.027301	4.39	0.53	0.68	1.60	2.44	1.65
F.Righellato	23	Max WS	TR200_D2	6.29	360.87	361.65	361.93	362.60	0.027368	4.35	0.52	0.67	1.57	2.43	1.65
F.Righellato	23	Max WS	TR200_D3	5.74	360.87	361.61	361.87	362.50	0.027522	4.20	0.50	0.65	1.47	2.41	1.64
F.Righellato	22.99			Lat Struct											
F.Righellato	22.98			Lat Struct											

HEC-RAS River: F.Righellato Reach: F.Righellato Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
F.Righellato	22.933*	Max WS	TR200_D0.5	6.22	360.64	361.43	361.71	362.39	0.027287	4.36	0.53	0.66	1.54	2.38	1.64
F.Righellato	22.933*	Max WS	TR200_D1	6.47	360.64	361.45	361.74	362.44	0.027257	4.43	0.54	0.67	1.59	2.39	1.65
F.Righellato	22.933*	Max WS	TR200_D2	6.29	360.64	361.44	361.72	362.41	0.027304	4.38	0.53	0.66	1.56	2.39	1.65
F.Righellato	22.933*	Max WS	TR200_D3	5.74	360.64	361.40	361.66	362.30	0.027420	4.23	0.51	0.64	1.46	2.36	1.64
F.Righellato	22.867*	Max WS	TR200_D0.5	6.22	360.41	361.22	361.51	362.20	0.027273	4.40	0.54	0.64	1.53	2.34	1.65
F.Righellato	22.867*	Max WS	TR200_D1	6.47	360.41	361.24	361.54	362.24	0.027279	4.47	0.55	0.65	1.57	2.35	1.65
F.Righellato	22.867*	Max WS	TR200_D2	6.29	360.41	361.23	361.51	362.21	0.027294	4.42	0.55	0.65	1.54	2.34	1.65
F.Righellato	22.867*	Max WS	TR200_D3	5.74	360.41	361.19	361.45	362.11	0.027379	4.27	0.52	0.62	1.45	2.31	1.64
F.Righellato	22.800*	Max WS	TR200_D0.5	6.22	360.18	361.01	361.30	362.00	0.027223	4.44	0.55	0.63	1.52	2.29	1.65
F.Righellato	22.800*	Max WS	TR200_D1	6.47	360.18	361.03	361.33	362.05	0.027182	4.51	0.56	0.64	1.56	2.30	1.65
F.Righellato	22.800*	Max WS	TR200_D2	6.29	360.18	361.02	361.31	362.01	0.027219	4.46	0.56	0.63	1.53	2.29	1.65
F.Righellato	22.800*	Max WS	TR200_D3	5.74	360.18	360.98	361.25	361.91	0.027265	4.30	0.53	0.61	1.44	2.27	1.64
F.Righellato	22.733*	Max WS	TR200_D0.5	6.22	359.96	360.80	361.10	361.81	0.027205	4.48	0.56	0.62	1.51	2.24	1.65
F.Righellato	22.733*	Max WS	TR200_D1	6.47	359.96	360.82	361.12	361.86	0.027122	4.54	0.57	0.63	1.55	2.26	1.65
F.Righellato	22.733*	Max WS	TR200_D2	6.29	359.96	360.80	361.11	361.82	0.027172	4.50	0.57	0.62	1.52	2.25	1.65
F.Righellato	22.733*	Max WS	TR200_D3	5.74	359.96	360.76	361.04	361.71	0.027250	4.34	0.54	0.60	1.43	2.22	1.64
F.Righellato	22.667*	Max WS	TR200_D0.5	6.22	359.73	360.59	360.89	361.61	0.027037	4.51	0.57	0.61	1.50	2.20	1.65
F.Righellato	22.667*	Max WS	TR200_D1	6.47	359.73	360.61	360.92	361.66	0.026924	4.57	0.58	0.62	1.54	2.21	1.65
F.Righellato	22.667*	Max WS	TR200_D2	6.29	359.73	360.59	360.90	361.63	0.027016	4.53	0.58	0.61	1.51	2.20	1.65
F.Righellato	22.667*	Max WS	TR200_D3	5.74	359.73	360.55	360.84	361.52	0.027124	4.37	0.55	0.59	1.42	2.18	1.64
F.Righellato	22.600*	Max WS	TR200_D0.5	6.22	359.50	360.38	360.68	361.42	0.026898	4.55	0.58	0.60	1.49	2.16	1.65
F.Righellato	22.600*	Max WS	TR200_D1	6.47	359.50	360.40	360.71	361.47	0.026788	4.61	0.60	0.61	1.53	2.17	1.65
F.Righellato	22.600*	Max WS	TR200_D2	6.29	359.50	360.39	360.69	361.43	0.026852	4.56	0.59	0.60	1.51	2.16	1.65
F.Righellato	22.600*	Max WS	TR200_D3	5.74	359.50	360.34	360.63	361.32	0.027054	4.41	0.56	0.58	1.41	2.13	1.64
F.Righellato	22.533*	Max WS	TR200_D0.5	6.22	359.28	360.17	360.48	361.22	0.026591	4.57	0.59	0.59	1.49	2.11	1.64
F.Righellato	22.533*	Max WS	TR200_D1	6.47	359.28	360.19	360.51	361.27	0.026493	4.64	0.60	0.60	1.53	2.13	1.64
F.Righellato	22.533*	Max WS	TR200_D2	6.29	359.28	360.18	360.49	361.24	0.026490	4.59	0.60	0.59	1.50	2.12	1.64
F.Righellato	22.533*	Max WS	TR200_D3	5.74	359.28	360.13	360.43	361.13	0.026770	4.44	0.57	0.57	1.41	2.09	1.63
F.Righellato	22.467*	Max WS	TR200_D0.5	6.22	359.05	359.97	360.28	361.03	0.026206	4.60	0.60	0.58	1.49	2.07	1.63
F.Righellato	22.467*	Max WS	TR200_D1	6.47	359.05	359.99	360.31	361.08	0.026055	4.66	0.61	0.59	1.53	2.09	1.63
F.Righellato	22.467*	Max WS	TR200_D2	6.29	359.05	359.97	360.28	361.04	0.026023	4.61	0.61	0.58	1.50	2.08	1.63
F.Righellato	22.467*	Max WS	TR200_D3	5.74	359.05	359.93	360.22	360.93	0.026392	4.46	0.58	0.56	1.40	2.05	1.62
F.Righellato	22.400*	Max WS	TR200_D0.5	6.22	358.82	359.77	360.07	360.82	0.025247	4.59	0.61	0.56	1.49	2.04	1.60
F.Righellato	22.400*	Max WS	TR200_D1	6.47	358.82	359.79	360.10	360.87	0.024976	4.64	0.62	0.57	1.54	2.05	1.60
F.Righellato	22.400*	Max WS	TR200_D2	6.29	358.82	359.78	360.08	360.83	0.024867	4.59	0.61	0.56	1.51	2.04	1.59
F.Righellato	22.400*	Max WS	TR200_D3	5.74	358.82	359.73	360.01	360.73	0.025501	4.46	0.59	0.55	1.41	2.01	1.60
F.Righellato	22.333*	Max WS	TR200_D0.5	6.22	358.60	359.58	359.87	360.61	0.023507	4.53	0.61	0.55	1.52	2.01	1.55
F.Righellato	22.333*	Max WS	TR200_D1	6.47	358.60	359.60	359.90	360.66	0.023144	4.58	0.62	0.55	1.57	2.02	1.55
F.Righellato	22.333*	Max WS	TR200_D2	6.28	358.60	359.59	359.88	360.61	0.022785	4.51	0.61	0.54	1.55	2.01	1.53
F.Righellato	22.333*	Max WS	TR200_D3	5.74	358.60	359.53	359.81	360.51	0.023848	4.41	0.59	0.53	1.43	1.98	1.55
F.Righellato	22.267*	Max WS	TR200_D0.5	6.22	358.37	359.41	359.67	360.37	0.020503	4.39	0.60	0.52	1.58	1.99	1.46
F.Righellato	22.267*	Max WS	TR200_D1	6.47	358.37	359.43	359.70	360.42	0.020101	4.43	0.61	0.53	1.64	2.00	1.45
F.Righellato	22.267*	Max WS	TR200_D2	6.37	358.37	359.42	359.69	360.40	0.020207	4.41	0.60	0.52	1.62	2.00	1.45
F.Righellato	22.267*	Max WS	TR200_D3	5.79	358.37	359.36	359.62	360.30	0.021376	4.32	0.59	0.51	1.49	1.96	1.48
F.Righellato	22.200*	Max WS	TR200_D0.5	6.22	358.14	359.26	359.47	360.13	0.016614	4.16	0.58	0.49	1.69	1.98	1.33
F.Righellato	22.200*	Max WS	TR200_D1	6.47	358.14	359.29	359.50	360.17	0.016247	4.20	0.59	0.49	1.75	2.00	1.32
F.Righellato	22.200*	Max WS	TR200_D2	6.38	358.14	359.28	359.49	360.16	0.016372	4.18	0.58	0.49	1.73	1.99	1.32
F.Righellato	22.200*	Max WS	TR200_D3	5.79	358.14	359.21	359.42	360.05	0.017494	4.11	0.57	0.48	1.58	1.95	1.35
F.Righellato	22.133*	Max WS	TR200_D0.5	6.22	357.92	359.15	359.27	359.89	0.012461	3.85	0.55	0.44	1.86	1.99	1.17
F.Righellato	22.133*	Max WS	TR200_D1	6.47	357.92	359.18	359.31	359.93	0.012205	3.88	0.55	0.45	1.93	2.01	1.16
F.Righellato	22.133*	Max WS	TR200_D2	6.38	357.92	359.17	359.29	359.92	0.012301	3.87	0.55	0.45	1.90	2.01	1.16
F.Righellato	22.133*	Max WS	TR200_D3	5.79	357.92	359.09	359.21	359.81	0.013110	3.80	0.54	0.44	1.74	1.96	1.18
F.Righellato	22.067*	Max WS	TR200_D0.5	6.22	357.69	359.07	359.08	359.68	0.008968	3.52	0.51	0.40	2.09	2.02	1.00
F.Righellato	22.067*	Max WS	TR200_D1	6.47	357.69	359.10	359.11	359.73	0.008842	3.56	0.51	0.41	2.16	2.04	1.00
F.Righellato	22.067*	Max WS	TR200_D2	6.38	357.69	359.09	359.10	359.71	0.008885	3.54	0.51	0.41	2.13	2.04	1.00
F.Righellato	22.067*	Max WS	TR200_D3	5.79	357.69	359.00	359.02	359.60	0.009337	3.46	0.50	0.39	1.95	1.99	1.02
F.Righellato	22	Max WS	TR200_D0.5	6.22	357.46	359.01	358.88	359.51	0.006345	3.19	0.47	0.36	2.36	2.07	0.86
F.Righellato	22	Max WS	TR200_D1	6.47	357.46	359.04	358.92	359.56	0.006317	3.24	0.48	0.37	2.43	2.09	0.86
F.Righellato	22	Max WS	TR200_D2	6.38	357.46	359.03	358.90	359.54	0.006329	3.22	0.47	0.37	2.40	2.08	0.86
F.Righellato	22	Max WS	TR200_D3	5.79	357.46	358.94	358.82	359.42	0.006503	3.13	0.46	0.35	2.22	2.03	0.86
F.Righellato	21.80			Bridge											
F.Righellato	21.50	Max WS	TR200_D0.5	6.22	357.44	358.51	358.87	359.73	0.026887	4.93	0.70	0.54	1.42	1.78	1.63
F.Righellato	21.50	Max WS	TR200_D1	6.47	357.44	358.53	358.90	359.79	0.026989	5.01	0.71	0.55	1.45	1.79	1.64
F.Righellato	21.50	Max WS	TR200_D2	6.38	357.44	358.52	358.89	359.77	0.026978	4.99	0.71	0.55	1.44	1.79	1.64
F.Righellato	21.50	Max WS	TR200_D3	5.79	357.44	358.47	358.81	359.62	0.026677	4.78	0.67	0.52	1.35	1.76	1.62
F.Righellato	21.313*	Max WS	TR200_D0.5	6.22	357.31	358.28	358.58	359.32	0.024140	4.55	0.61	0.49	1.50	1.95	1.55
F.Righellato	21.313*	Max WS	TR200_D1	6.47	357.31	358.30	358.61	359.37	0.024236	4.63	0.62	0.50	1.54	1.96	1.56
F.Righellato	21.313*	Max WS	TR200_D2	6.38	357.31	358.29	358.60	359.35	0.024212	4.60	0.62	0.49	1.52	1.95	1.56
F.Righellato	21.313*	Max WS	TR200_D3	5.79	357.31	358.24	358.52	359.22	0.023962	4.41	0.59	0.47	1.43	1.93	1.54
F.Righellato	21.125*	Max WS	TR200_D0.5	6.22	357.18	358.07	358.32	358.98	0.022135	4.24	0.55	0.45	1.58	2.13	1.49
F.Righellato	21.125*	Max WS	TR200_D1	6.47	357.18	358.09	358.35	359.03	0.022244	4.32	0.56	0.46	1.62	2.14	1.50
F.Righellato	21.125*	Max WS	TR200_D2	6.38	357.18	358.08	358.34	359.01	0.022197	4.29	0.56	0.46	1.60	2.13	1.49
F.Righellato	21.125*	Max WS	TR200_D3	5.79	357.18	358.04	358.27	358.89	0.021995	4.12	0.53	0.43	1.51	2.11	1.47
F.Righellato	20.938*	Max WS	TR200_D0.5	6.22	357.05	357.88	358.09	358.68	0.020731	4.00	0.50	0.43	1.66	2.31	1.44
F.Righellato	20.938*	Max WS	TR200_D1	6.47	357.05	357.89	358.12	358.73	0.020809	4.07	0.51	0.43	1.70	2.32	1.45
F.Righellato	20.938*	Max WS	TR200_D2	6.38	357.05	357.89	358.11	358.71	0.020819	4.04	0.51	0.43	1.68	2.32	1.44
F.Righellato	20.938*	Max WS	TR200_D3	5.79	357.05	357.84	358.04	358.61	0.020607	3.88	0.49	0.41	1.59	2.29	1.42
F.Righellato	20.750*	Max WS	TR200_D0.5	6.22	356.92	357.69	357.88	358.42	0.019632	3.79	0.47	0.41	1.73	2.51	1.40
F.Righellato	20.750*	Max WS	TR200_D1	6.47	356.92	357.71	357.90	358.46	0.019713	3.86	0.48	0.42	1.78	2.51	1.41
F.Righellato	20.750*	Max WS	TR200_D2	6.38	356.92	357.70	357.89	358.45	0.019723	3.84	0.48	0.42	1.76	2.51	1.40
F.Righellato	20.750*	Max WS	TR200_D3	5.79	356.92	357.66	357.84	358.35	0.019535	3.68	0.45	0.40	1.66	2.49	1.38
F.Righellato	20.563*	Max WS	TR200_D0.5	6.22	356.79	357.52	357.68	358.18	0.018884	3.63	0.45	0.40	1.81	2.70	1.37
F.Righellato	20.563*	Max WS	TR200_D1	6.46	356.79	357.53	357.70	358.22	0.018923	3.68	0.45	0.41	1.85	2.71	1.37
F.Righellato	20.563*	Max WS	TR200_D2	6.38	356.79	357.53	357.70	358.21	0.019016	3.67	0.45	0.41	1.83	2.71	1.38

HEC-RAS River: F.Righellato Reach: F.Righellato Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
F.Righellato	20.563*	Max WS	TR200_D3	5.79	356.79	357.49	357.64	358.12	0.018858	3.52	0.43	0.39	1.73	2.69	1.36
F.Righellato	20.375*	Max WS	TR200_D0.5	6.22	356.66	357.35	357.50	357.97	0.018439	3.49	0.43	0.40	1.87	2.91	1.35
F.Righellato	20.375*	Max WS	TR200_D1	6.46	356.66	357.37	357.52	358.00	0.018411	3.54	0.43	0.40	1.92	2.91	1.35
F.Righellato	20.375*	Max WS	TR200_D2	6.38	356.66	357.36	357.51	357.99	0.018690	3.54	0.43	0.40	1.89	2.91	1.36
F.Righellato	20.375*	Max WS	TR200_D3	5.79	356.66	357.32	357.46	357.91	0.018540	3.40	0.41	0.39	1.78	2.89	1.34
F.Righellato	20.188*	Max WS	TR200_D0.5	6.22	356.53	357.18	357.32	357.77	0.018518	3.40	0.42	0.40	1.92	3.11	1.34
F.Righellato	20.188*	Max WS	TR200_D1	6.46	356.53	357.20	357.34	357.80	0.018387	3.44	0.42	0.41	1.97	3.12	1.34
F.Righellato	20.188*	Max WS	TR200_D2	6.38	356.53	357.19	357.34	357.80	0.019179	3.47	0.43	0.41	1.93	3.11	1.37
F.Righellato	20.188*	Max WS	TR200_D3	5.79	356.53	357.15	357.29	357.71	0.019164	3.34	0.41	0.39	1.81	3.09	1.36
F.Righellato	20	Max WS	TR200_D0.5	6.22	356.40	357.01	357.15	357.59	0.020013	3.39	0.42	0.42	1.92	3.31	1.39
F.Righellato	20	Max WS	TR200_D1	6.42	356.40	357.03	357.17	357.61	0.018977	3.37	0.41	0.41	1.99	3.32	1.36
F.Righellato	20	Max WS	TR200_D2	6.28	356.40	357.00	357.16	357.61	0.021481	3.47	0.43	0.43	1.89	3.30	1.43
F.Righellato	20	Max WS	TR200_D3	5.79	356.40	356.96	357.12	357.56	0.023080	3.44	0.42	0.42	1.75	3.28	1.47
F.Righellato	18.750*	Max WS	TR200_D0.5	6.22	356.18	356.87	356.98	357.40	0.015893	3.25	0.43	0.59	2.05	3.29	1.26
F.Righellato	18.750*	Max WS	TR200_D1	6.40	356.18	356.90	356.99	357.41	0.014451	3.20	0.42	0.58	2.16	3.32	1.21
F.Righellato	18.750*	Max WS	TR200_D2	6.25	356.18	356.84	356.98	357.42	0.018066	3.39	0.44	0.62	1.98	3.27	1.33
F.Righellato	18.750*	Max WS	TR200_D3	5.79	356.18	356.78	356.94	357.38	0.021253	3.45	0.45	0.62	1.79	3.22	1.42
F.Righellato	17.500*	Max WS	TR200_D0.5	6.22	355.96	356.76	356.82	357.23	0.012045	3.08	0.43	0.64	2.24	3.28	1.12
F.Righellato	17.500*	Max WS	TR200_D1	6.40	355.96	356.80	356.83	357.25	0.010632	3.00	0.42	0.63	2.38	3.33	1.06
F.Righellato	17.500*	Max WS	TR200_D2	6.25	355.96	356.71	356.82	357.25	0.014692	3.28	0.46	0.68	2.10	3.24	1.22
F.Righellato	17.500*	Max WS	TR200_D3	5.25	355.96	356.62	356.73	357.12	0.016103	3.15	0.44	0.65	1.81	3.14	1.25
F.Righellato	16.250*	Max WS	TR200_D0.5	6.21	355.74	356.67	356.67	357.09	0.009188	2.93	0.45	0.66	2.45	3.31	0.99
F.Righellato	16.250*	Max WS	TR200_D1	6.40	355.74	356.73	356.69	357.12	0.007964	2.84	0.43	0.64	2.63	3.37	0.93
F.Righellato	16.250*	Max WS	TR200_D2	6.25	355.74	356.61	356.68	357.11	0.011977	3.19	0.48	0.72	2.24	3.23	1.12
F.Righellato	16.250*	Max WS	TR200_D3	4.96	355.74	356.51	356.55	356.92	0.011539	2.88	0.43	0.64	1.93	3.10	1.08
F.Righellato	15	Max WS	TR200_D0.5	6.21	355.52	356.61	356.56	357.00	0.007434	2.85	0.47	0.68	2.66	3.37	0.91
F.Righellato	15	Max WS	TR200_D1	6.40	355.52	356.67		357.03	0.006369	2.74	0.46	0.66	2.88	3.46	0.85
F.Righellato	15	Max WS	TR200_D2	6.24	355.52	356.52	356.56	357.00	0.010224	3.14	0.51	0.75	2.38	3.25	1.05
F.Righellato	15	Max WS	TR200_D3	4.91	355.52	356.43	356.42	356.80	0.009086	2.76	0.45	0.66	2.09	3.12	0.97
F.Righellato	14.167*	Max WS	TR200_D0.5	6.23	355.31	356.56		356.82	0.004246	2.40	0.59	0.53	3.52	4.25	0.71
F.Righellato	14.167*	Max WS	TR200_D1	6.60	355.31	356.63		356.88	0.003819	2.37	0.58	0.53	3.83	4.44	0.68
F.Righellato	14.167*	Max WS	TR200_D2	5.79	355.31	356.46		356.74	0.005019	2.46	0.62	0.54	3.11	4.00	0.76
F.Righellato	14.167*	Max WS	TR200_D3	4.74	355.31	356.37		356.60	0.004521	2.21	0.55	0.48	2.78	3.83	0.71
F.Righellato	13.333*	Max WS	TR200_D0.5	6.24	355.10	356.56		356.72	0.002166	1.93	0.51	0.41	4.96	5.76	0.52
F.Righellato	13.333*	Max WS	TR200_D1	7.29	355.10	356.61		356.81	0.002601	2.16	0.57	0.46	5.24	6.01	0.57
F.Righellato	13.333*	Max WS	TR200_D2	5.85	355.10	356.46		356.63	0.002536	1.98	0.54	0.42	4.38	5.28	0.56
F.Righellato	13.333*	Max WS	TR200_D3	4.70	355.10	356.39		356.52	0.001995	1.70	0.47	0.35	4.03	4.97	0.49
F.Righellato	12.500*	Max WS	TR200_D0.5	6.57	354.90	356.59		356.69	0.001202	1.61	0.44	0.32	7.24	8.10	0.40
F.Righellato	12.500*	Max WS	TR200_D1	7.57	354.90	356.63		356.75	0.001430	1.78	0.49	0.36	7.59	8.23	0.44
F.Righellato	12.500*	Max WS	TR200_D2	5.88	354.90	356.48		356.59	0.001282	1.59	0.41	0.31	6.41	7.85	0.41
F.Righellato	12.500*	Max WS	TR200_D3	4.71	354.90	356.41		356.49	0.001010	1.36	0.35	0.27	5.83	7.39	0.36
F.Righellato	11.667*	Max WS	TR200_D0.5	5.96	354.69	356.62		356.67	0.000494	1.13	0.33	0.19	10.60	11.47	0.26
F.Righellato	11.667*	Max WS	TR200_D1	7.43	354.69	356.66		356.72	0.000698	1.37	0.41	0.24	11.03	11.47	0.31
F.Righellato	11.667*	Max WS	TR200_D2	5.59	354.69	356.51		356.56	0.000564	1.17	0.33	0.21	9.40	10.29	0.28
F.Righellato	11.667*	Max WS	TR200_D3	4.60	354.69	356.43		356.47	0.000475	1.04	0.29	0.19	8.55	9.91	0.25
F.Righellato	10.833*	Max WS	TR200_D0.5	1.38	354.48	356.66		356.66	0.000013	0.20	0.06	0.04	15.19	12.60	0.04
F.Righellato	10.833*	Max WS	TR200_D1	2.08	354.48	356.71		356.71	0.000026	0.29	0.09	0.06	15.84	12.60	0.06
F.Righellato	10.833*	Max WS	TR200_D2	2.68	354.48	356.55		356.55	0.000062	0.42	0.13	0.09	13.79	12.60	0.09
F.Righellato	10.833*	Max WS	TR200_D3	2.71	354.48	356.45		356.46	0.000079	0.46	0.14	0.09	12.61	12.60	0.11
F.Righellato	10	Max WS	TR200_D0.5	0.42	354.27	356.10	354.45	356.10	0.000002	0.08	0.02	0.01	12.23	13.73	0.02
F.Righellato	10	Max WS	TR200_D1	0.43	354.27	356.10	354.46	356.10	0.000003	0.08	0.02	0.01	12.23	13.73	0.02
F.Righellato	10	Max WS	TR200_D2	0.44	354.27	356.10	354.46	356.10	0.000003	0.08	0.02	0.02	12.23	13.73	0.02
F.Righellato	10	Max WS	TR200_D3	0.45	354.27	356.10	354.46	356.10	0.000003	0.08	0.02	0.02	12.23	13.73	0.02

ALLEGATI

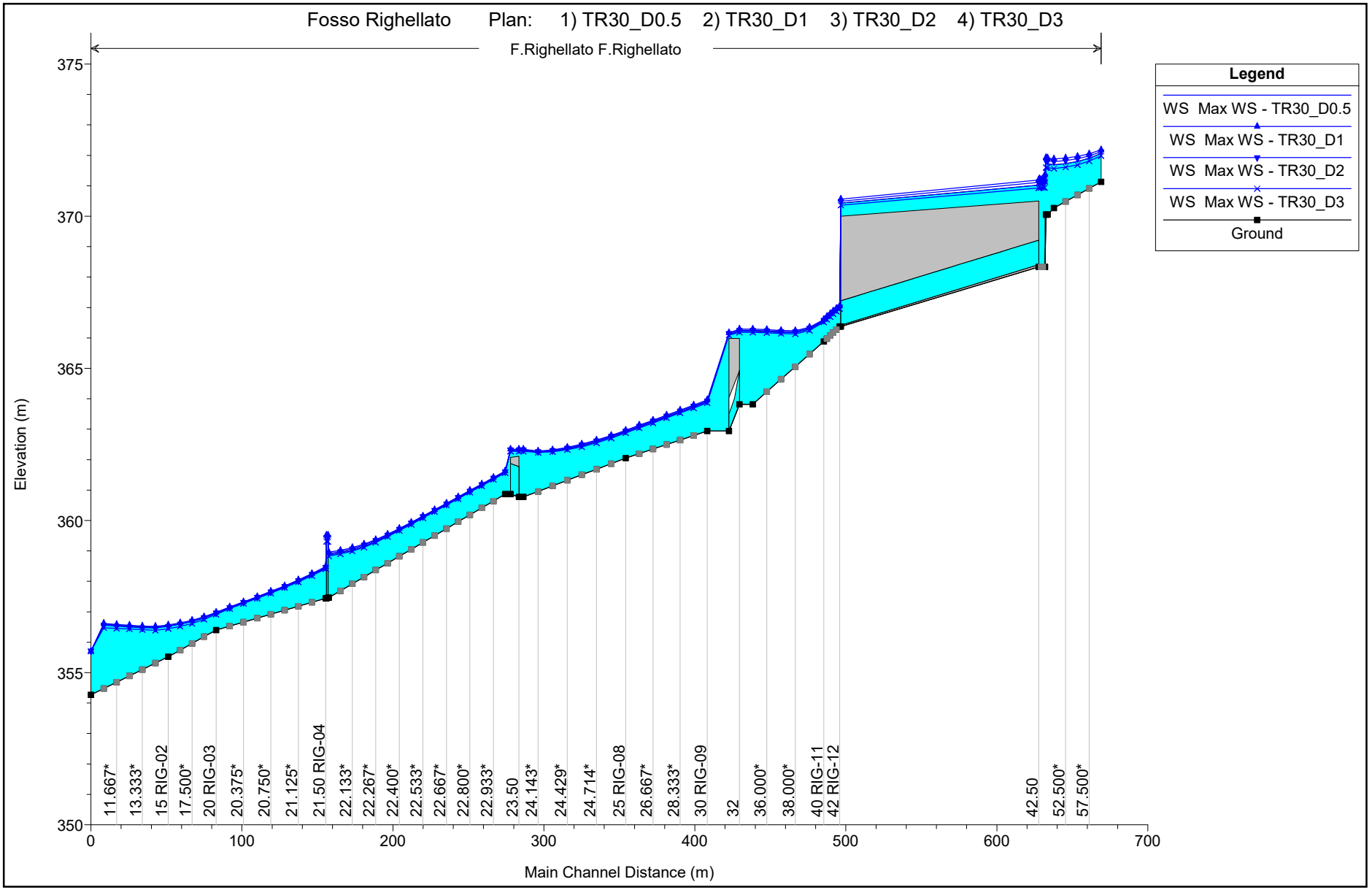
MODELLAZIONE HEC-RAS 5.0.7 "FOSSO RIGHELLATO"

F. RIGHELLATO

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 0.5, 1, 2 e 3h

Profilo longitudinale


Fosso Righellato Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
F.Righellato F.Righellato
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
WS Max WS - TR30_D3
Ground
Elevation (m)
Main Channel Distance (m)
375
370
365
360
355
350
0
100
200
300
400
500
600
700
11.667*
13.333*
15 RIG-02
17.500*
20 RIG-03
20.375*
20.750*
21.125*
21.50 RIG-04
22.133*
22.267*
22.400*
22.533*
22.667*
22.800*
22.933*
23.50
24.143*
24.429*
24.714*
25 RIG-08
26.667*
28.333*
30 RIG-09
32
36.000*
38.000*
40 RIG-11
42 RIG-12
42.50
52.500*
57.500*

ALLEGATI

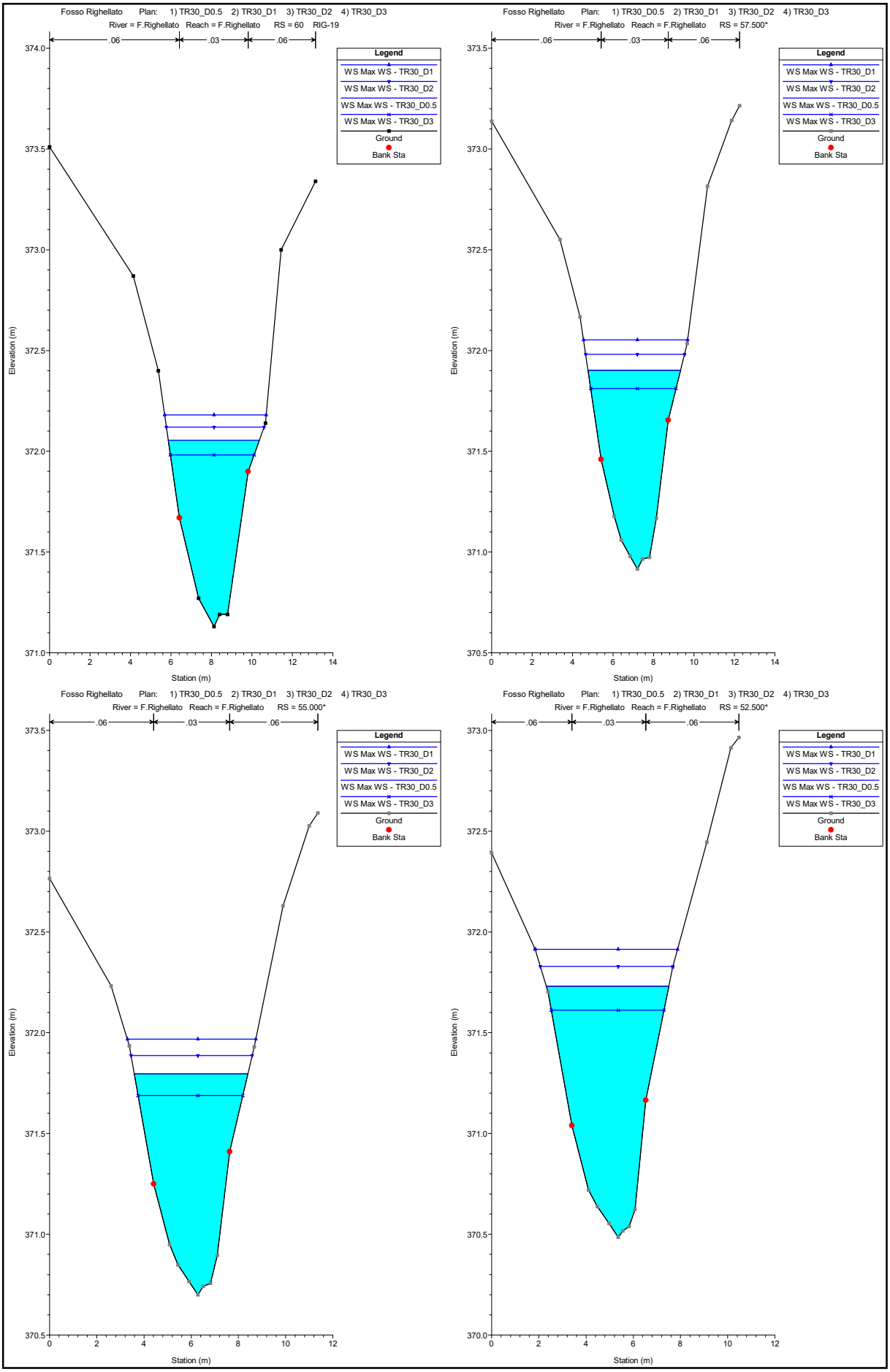
MODELLAZIONE HEC-RAS 5.0.7 "FOSSO RIGHELLATO"

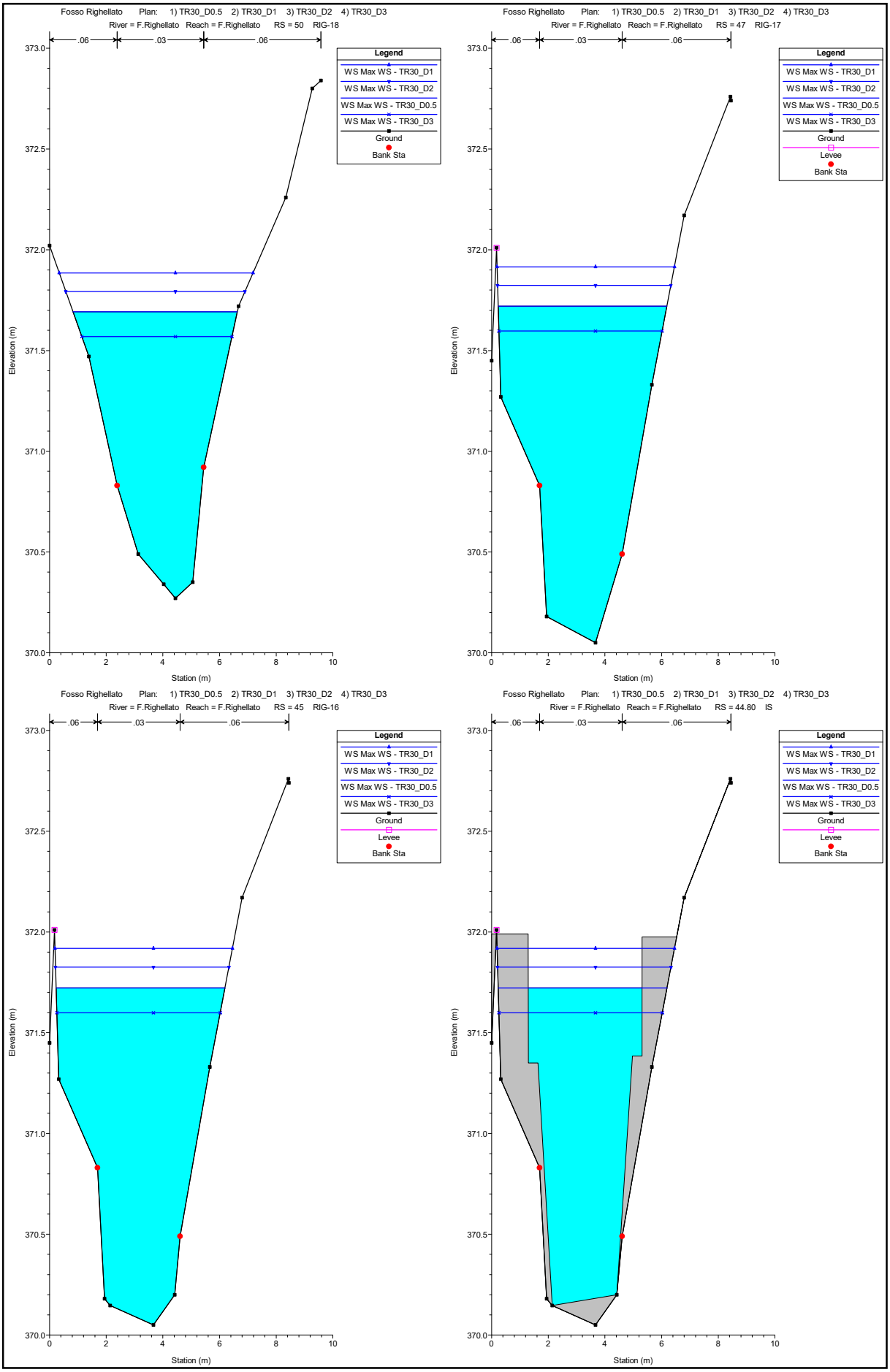
F. RIGHELLATO

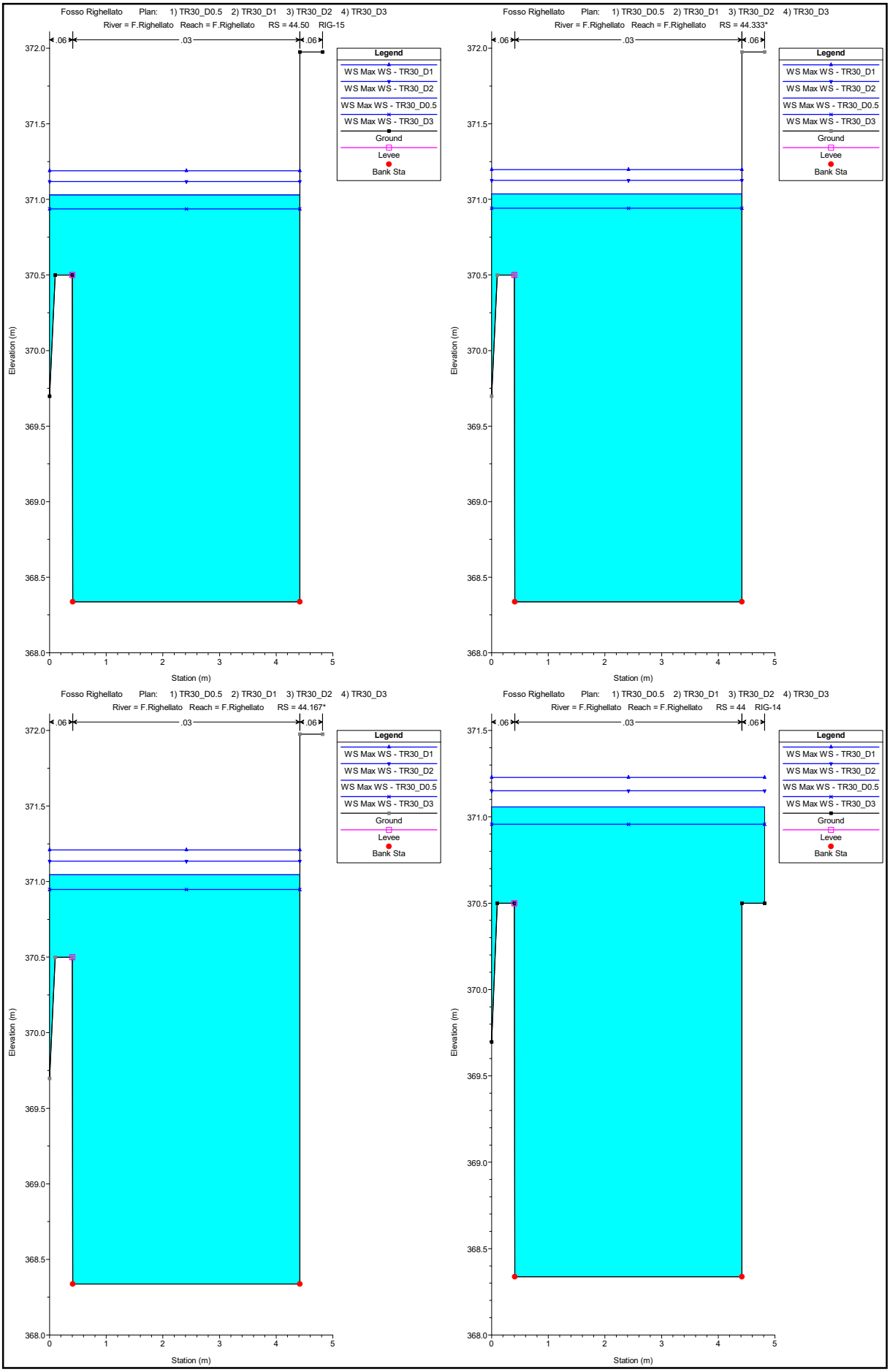
MODELLAZIONE PER TR= 30 anni

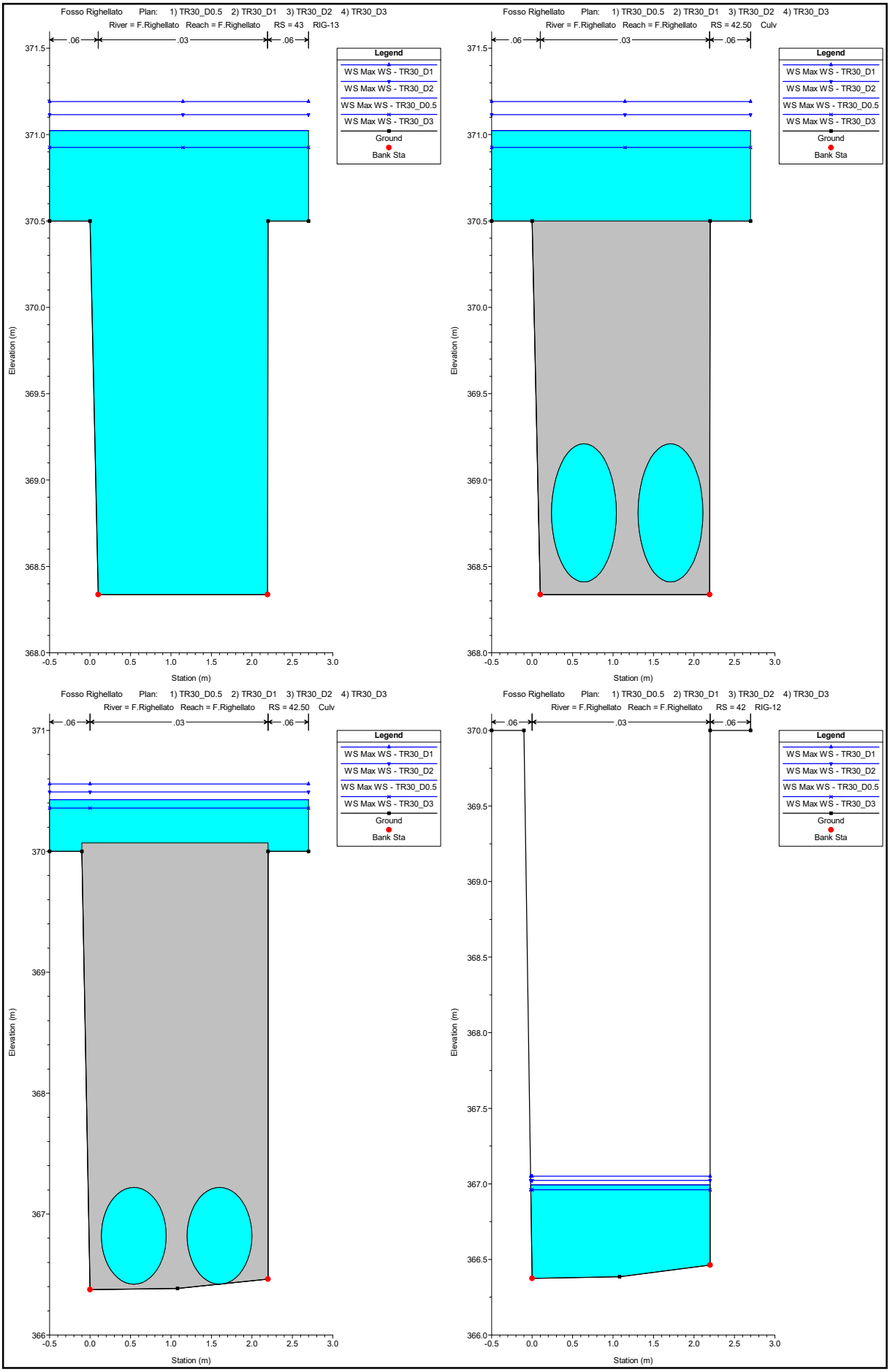
DURATE DI PIOGGIA: 0.5, 1, 2 e 3h

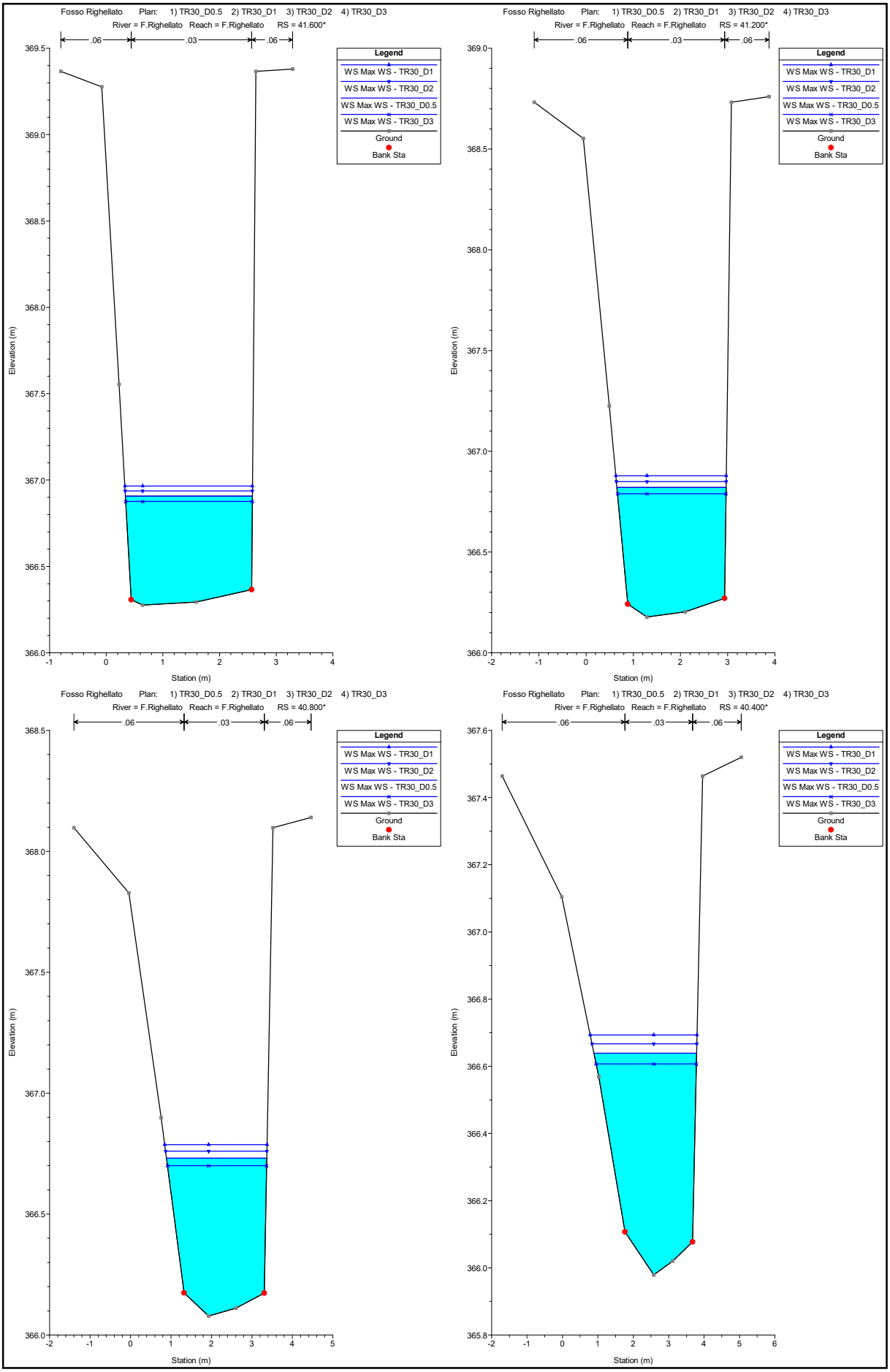
Sezioni Trasversali (da monte verso valle)

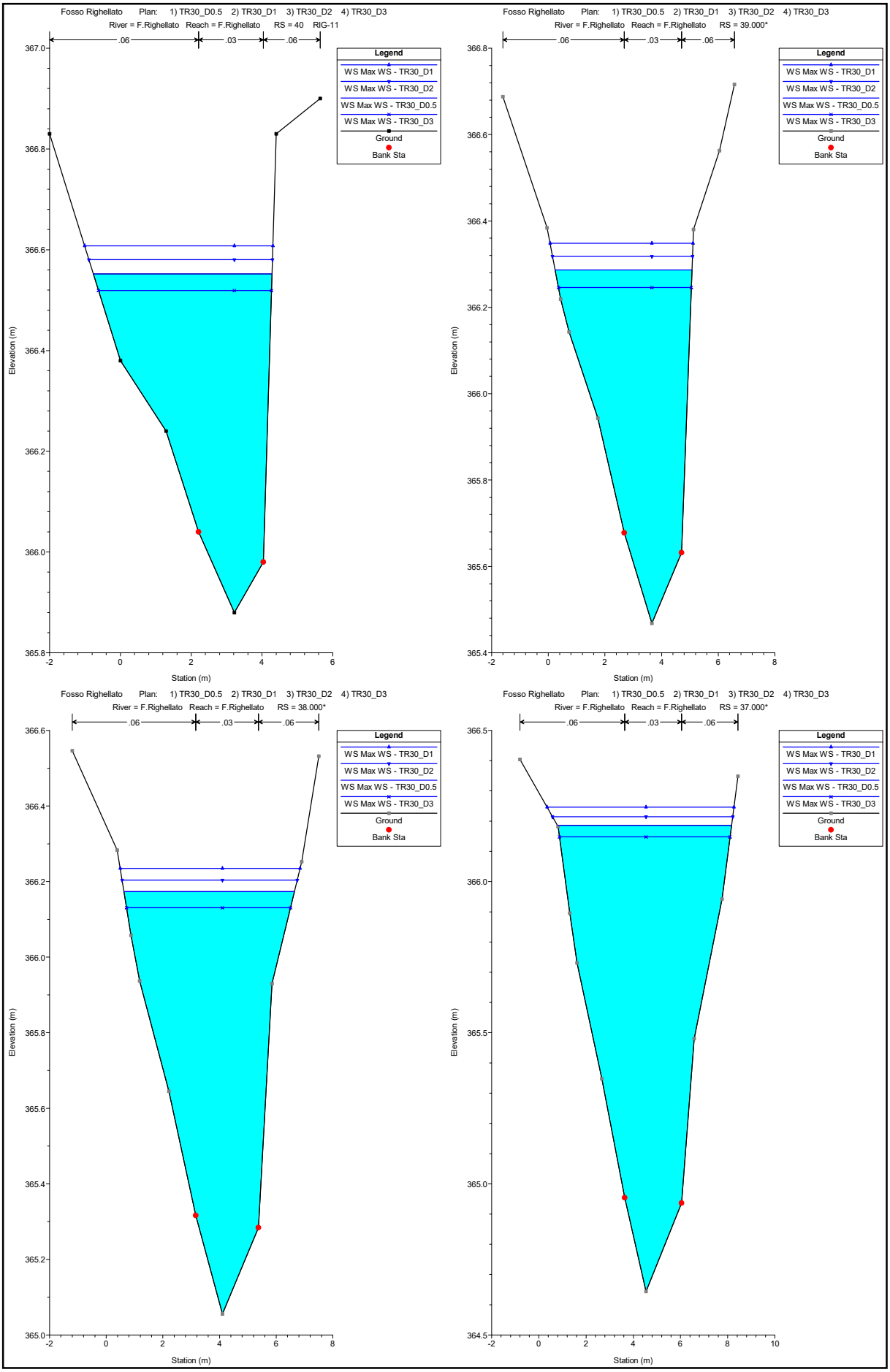

Fosso Righellato Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = F.Righellato Reach = F.Righellato RS = 60 RIG-19
.06
.03
.06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D2
WS Max WS - TR30_D0.5
WS Max WS - TR30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso Righellato Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = F.Righellato Reach = F.Righellato RS = 57.500*
Fosso Righellato Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = F.Righellato Reach = F.Righellato RS = 55.000*
Fosso Righellato Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = F.Righellato Reach = F.Righellato RS = 52.500*

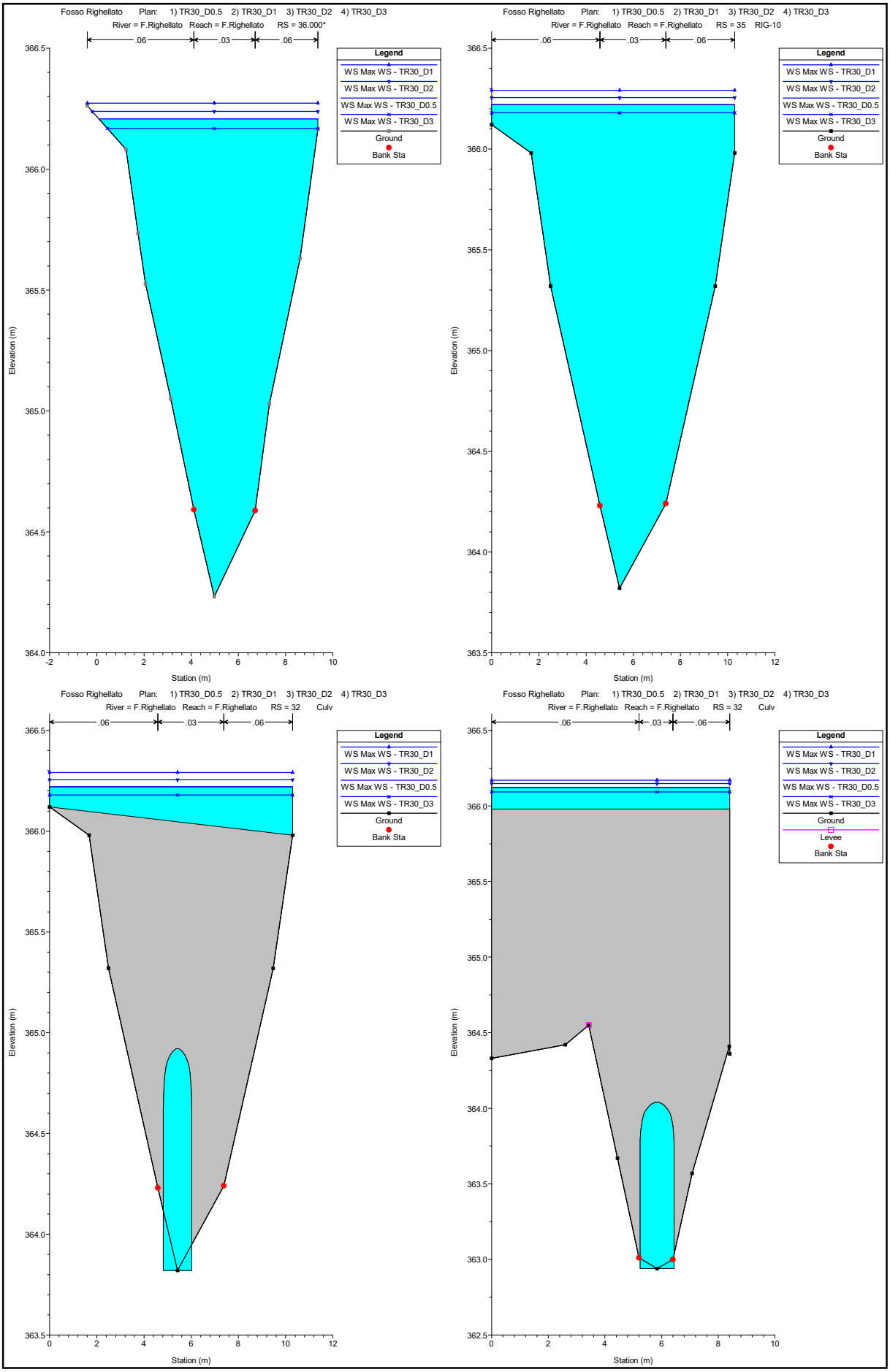

Fosso Righellato Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = F.Righellato Reach = F.Righellato RS = 50 RIG-18
.06 .03 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D2
WS Max WS - TR30_D0.5
WS Max WS - TR30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso Righellato Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = F.Righellato Reach = F.Righellato RS = 47 RIG-17
.06 .03 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D2
WS Max WS - TR30_D0.5
WS Max WS - TR30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Fosso Righellato Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = F.Righellato Reach = F.Righellato RS = 45 RIG-16
.06 .03 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D2
WS Max WS - TR30_D0.5
WS Max WS - TR30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Fosso Righellato Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = F.Righellato Reach = F.Righellato RS = 44.80 IS
.06 .03 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D2
WS Max WS - TR30_D0.5
WS Max WS - TR30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)

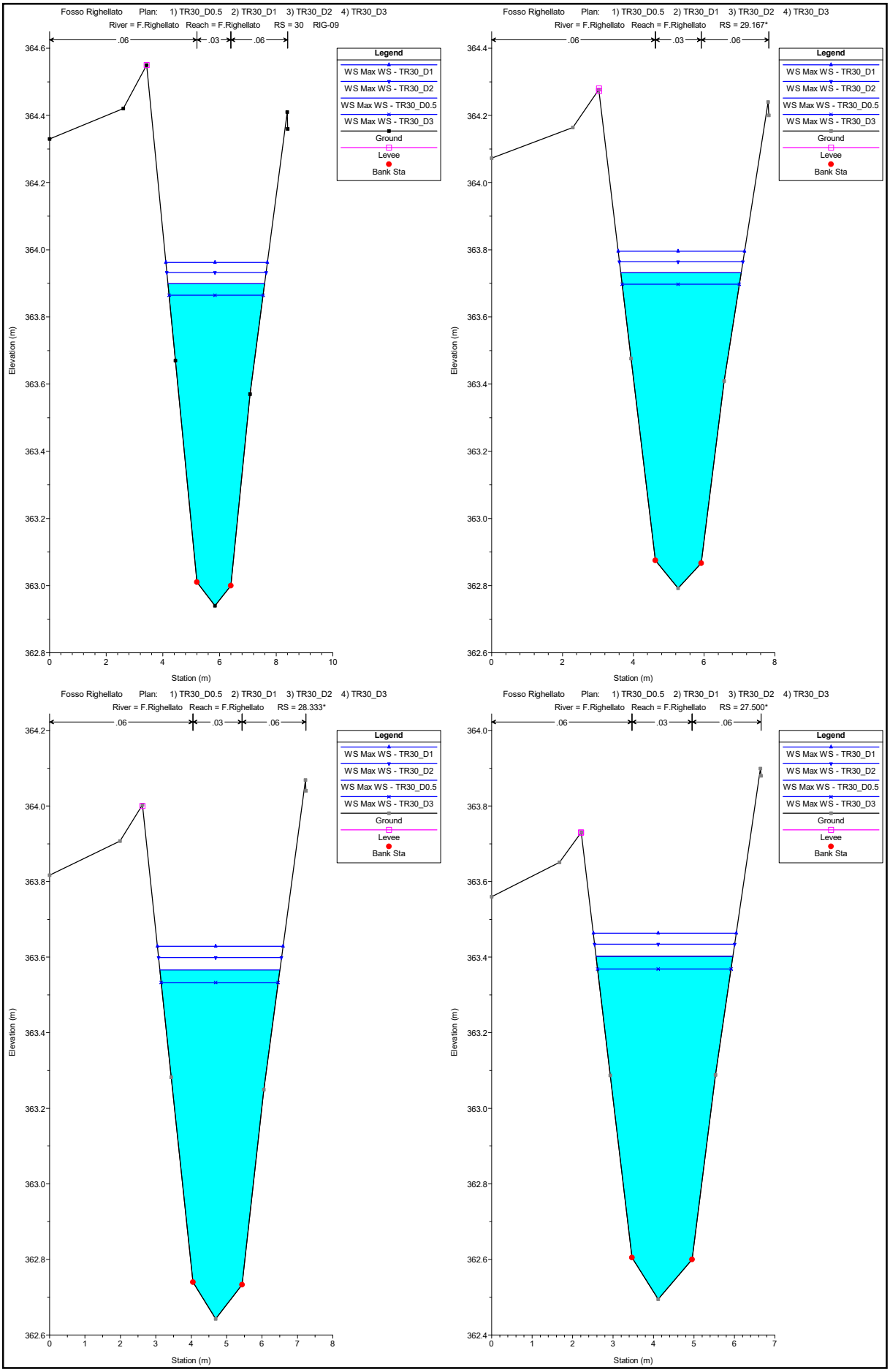

Fosso Righellato Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = F.Righellato Reach = F.Righellato RS = 44.50 RIG-15
Fosso Righellato Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = F.Righellato Reach = F.Righellato RS = 44.333*
Fosso Righellato Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = F.Righellato Reach = F.Righellato RS = 44.167*
Fosso Righellato Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = F.Righellato Reach = F.Righellato RS = 44 RIG-14
.06
.03
.06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D2
WS Max WS - TR30_D0.5
WS Max WS - TR30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)

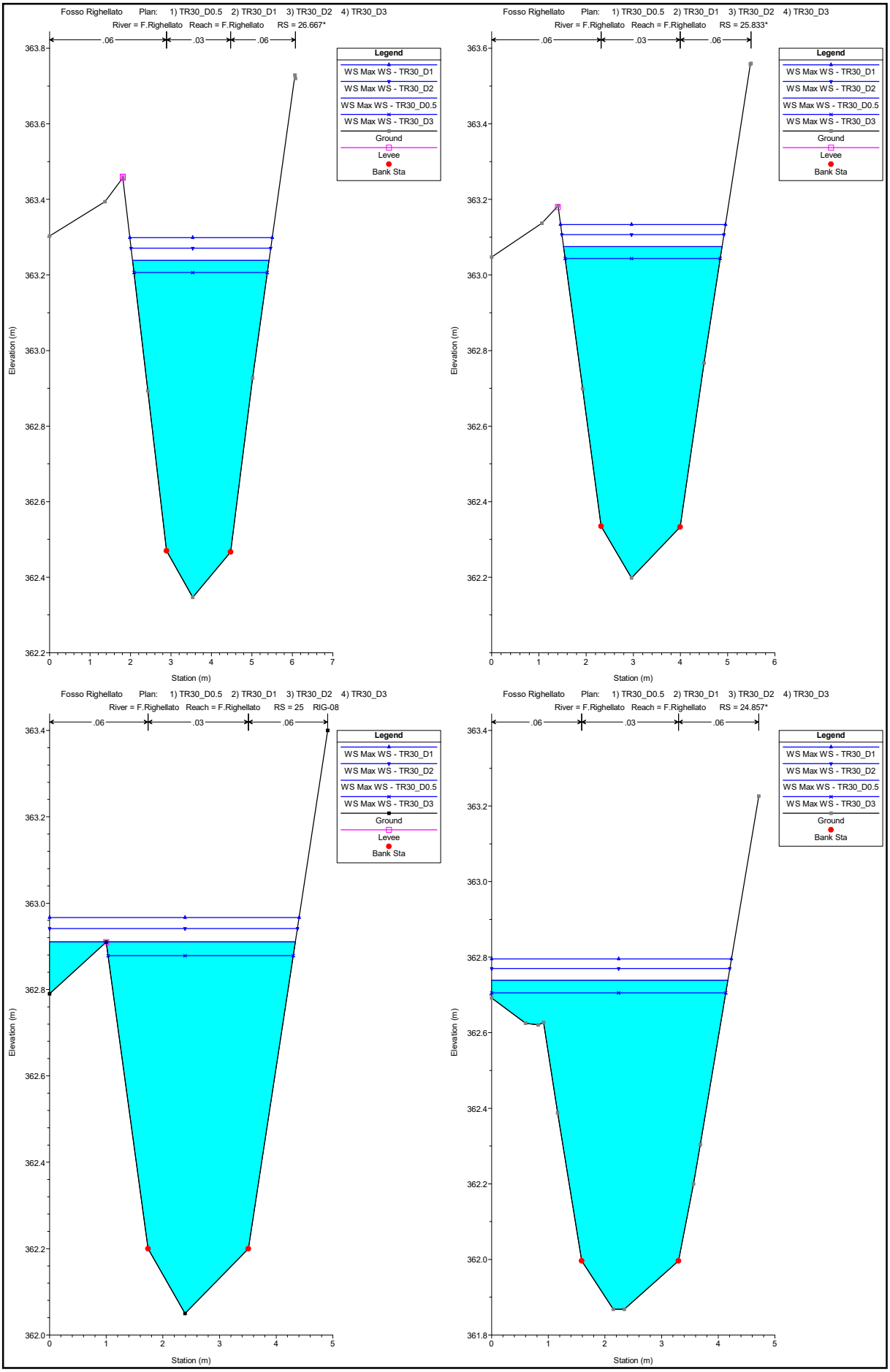

Fosso Righellato Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = F.Righellato Reach = F.Righellato RS = 43 RIG-13
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D2
WS Max WS - TR30_D0.5
WS Max WS - TR30_D3
Ground
Bank Sta
.06
.03
.06
Elevation (m)
Station (m)
Fosso Righellato Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = F.Righellato Reach = F.Righellato RS = 42.50 Culv
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D2
WS Max WS - TR30_D0.5
WS Max WS - TR30_D3
Ground
Bank Sta
.06
.03
.06
Elevation (m)
Station (m)
Fosso Righellato Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = F.Righellato Reach = F.Righellato RS = 42.50 Culv
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D2
WS Max WS - TR30_D0.5
WS Max WS - TR30_D3
Ground
Bank Sta
.06
.03
.06
Elevation (m)
Station (m)
Fosso Righellato Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = F.Righellato Reach = F.Righellato RS = 42 RIG-12
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D2
WS Max WS - TR30_D0.5
WS Max WS - TR30_D3
Ground
Bank Sta
.06
.03
.06
Elevation (m)
Station (m)

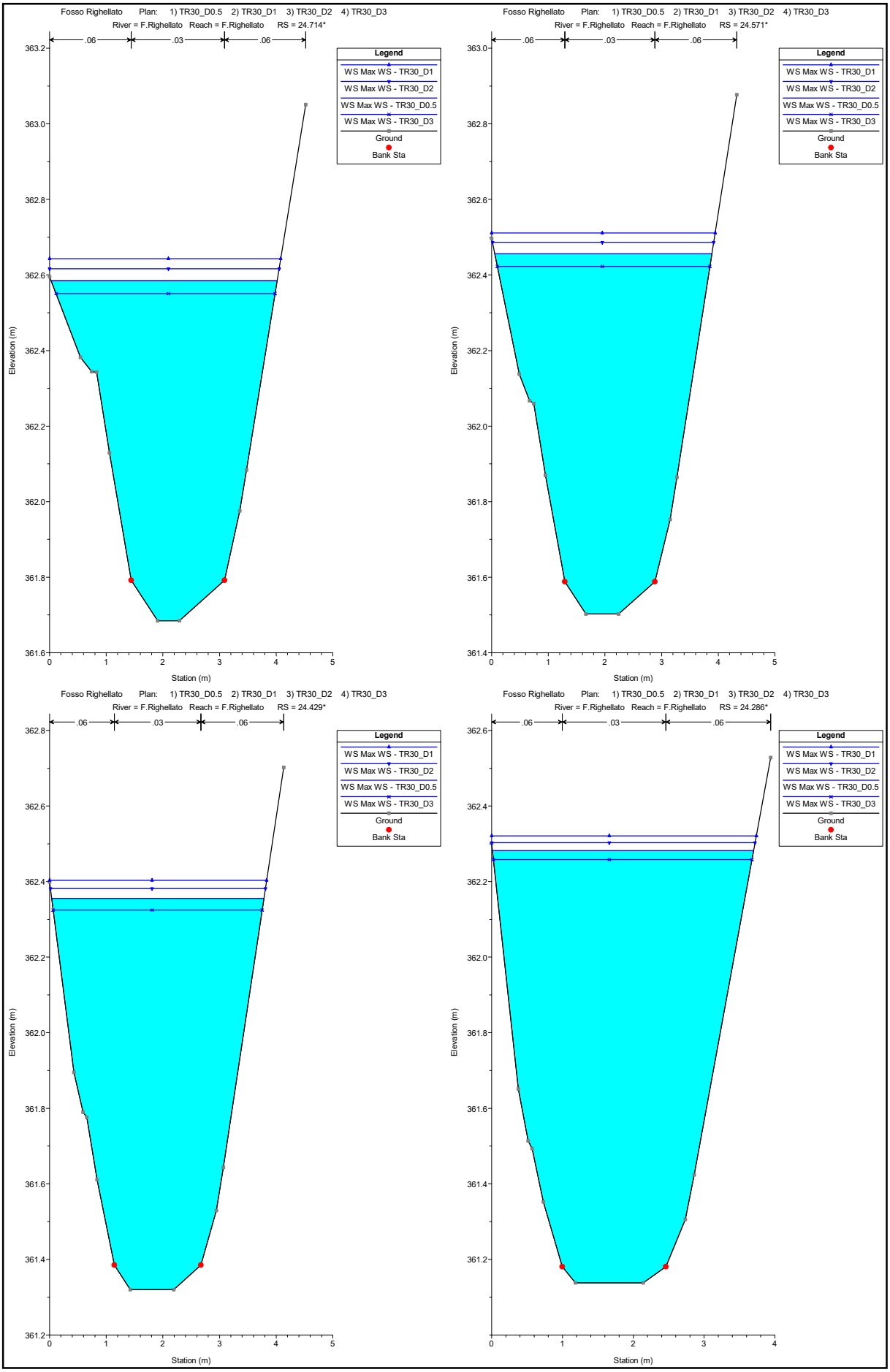

Fosso Righellato Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = F.Righellato Reach = F.Righellato RS = 41.600*
.06
.03
.06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D2
WS Max WS - TR30_D0.5
WS Max WS - TR30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso Righellato Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = F.Righellato Reach = F.Righellato RS = 41.200*
.06
.03
.06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D2
WS Max WS - TR30_D0.5
WS Max WS - TR30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso Righellato Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = F.Righellato Reach = F.Righellato RS = 40.800*
.06
.03
.06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D2
WS Max WS - TR30_D0.5
WS Max WS - TR30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso Righellato Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = F.Righellato Reach = F.Righellato RS = 40.400*
.06
.03
.06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D2
WS Max WS - TR30_D0.5
WS Max WS - TR30_D3
Ground
Bank Sta
Elevation (m)
Station (m)

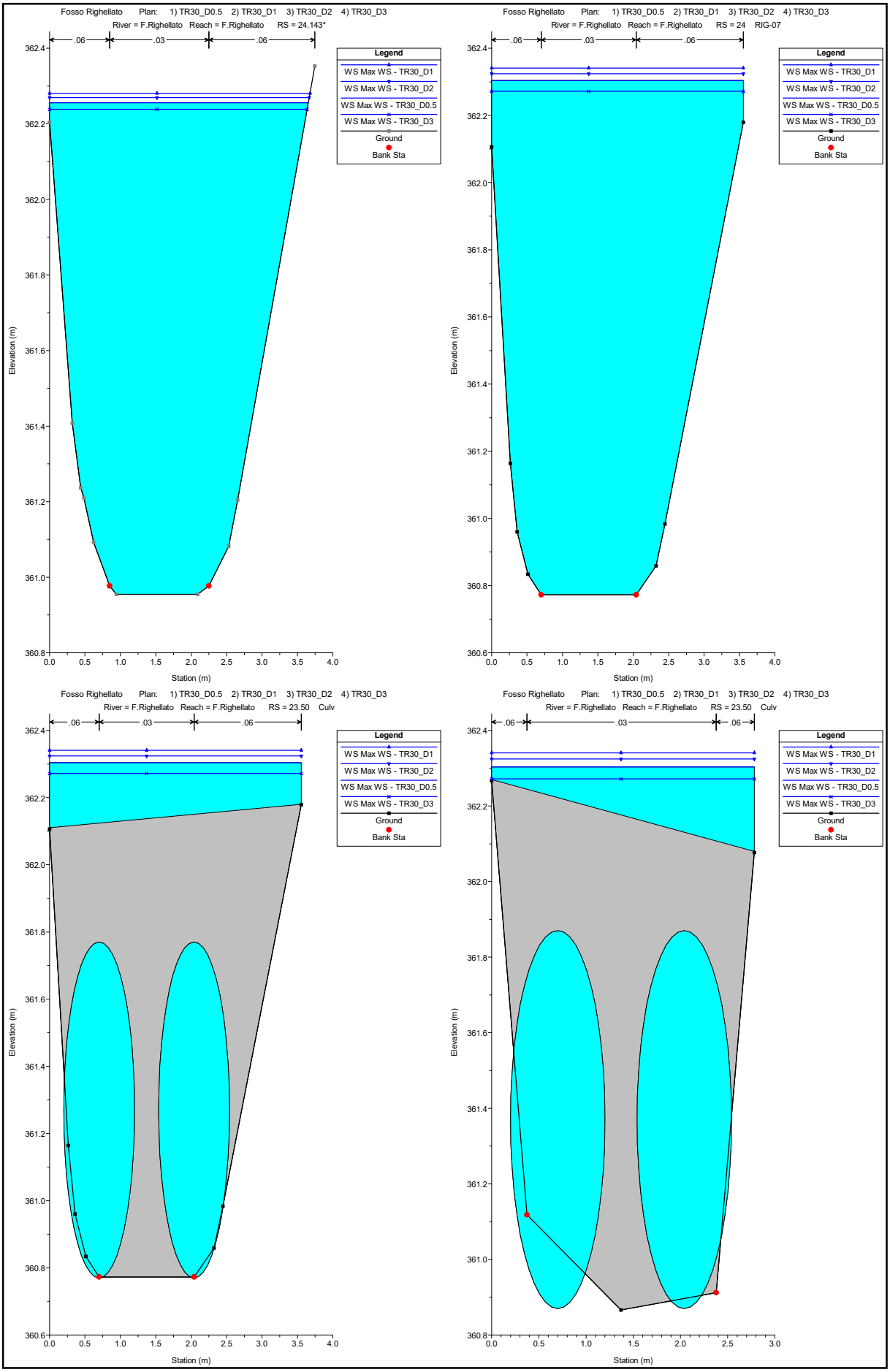

Fosso Righellato Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = F.Righellato Reach = F.Righellato RS = 40 RIG-11
.06
.03
.06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D2
WS Max WS - TR30_D0.5
WS Max WS - TR30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso Righellato Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = F.Righellato Reach = F.Righellato RS = 39.000*
.06
.03
.06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D2
WS Max WS - TR30_D0.5
WS Max WS - TR30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso Righellato Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = F.Righellato Reach = F.Righellato RS = 38.000*
.06
.03
.06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D2
WS Max WS - TR30_D0.5
WS Max WS - TR30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso Righellato Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = F.Righellato Reach = F.Righellato RS = 37.000*
.06
.03
.06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D2
WS Max WS - TR30_D0.5
WS Max WS - TR30_D3
Ground
Bank Sta
Elevation (m)
Station (m)

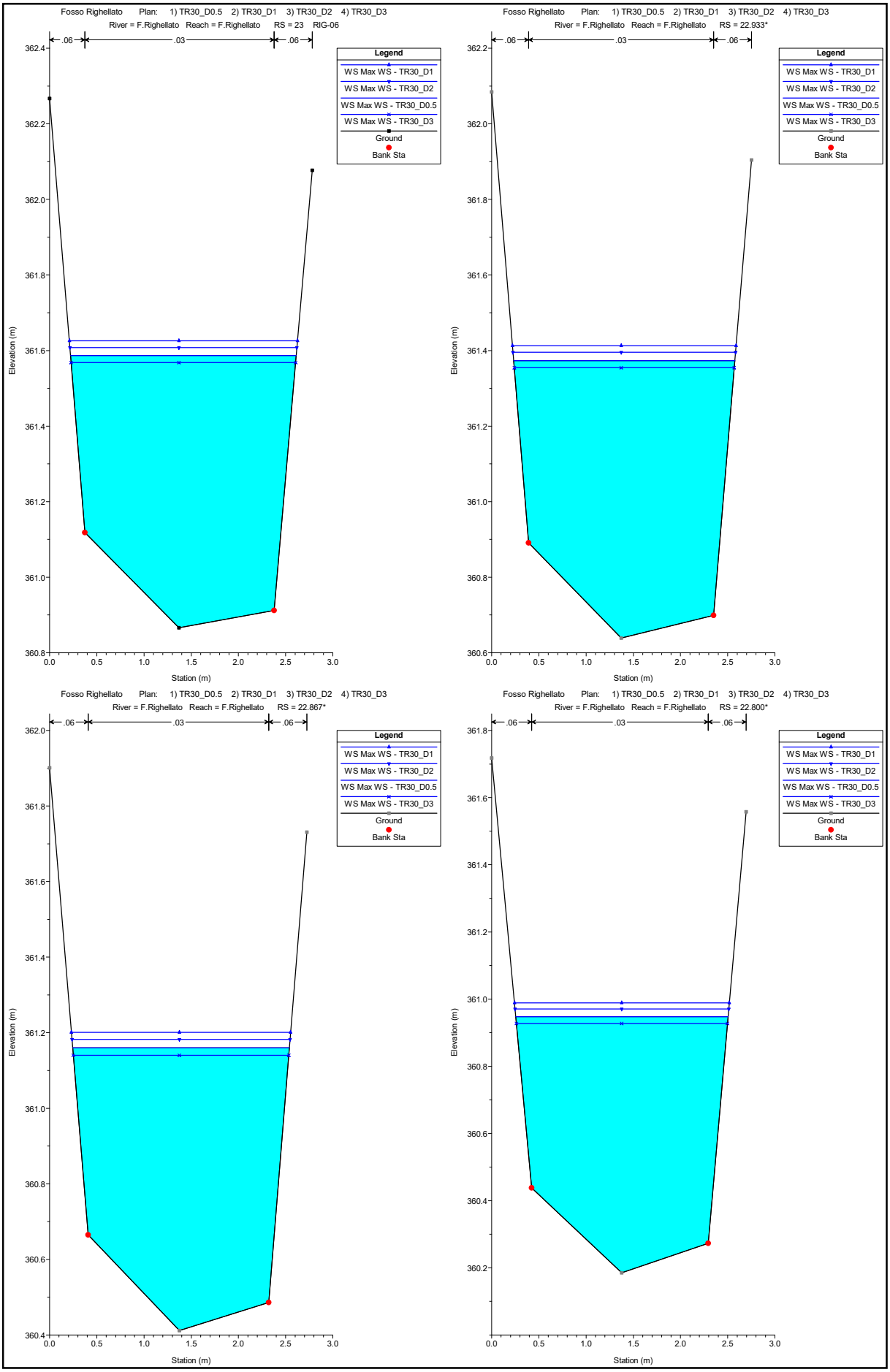

Fosso Righellato Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = F.Righellato Reach = F.Righellato RS = 36.000*
.06 .03 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D2
WS Max WS - TR30_D0.5
WS Max WS - TR30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso Righellato Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = F.Righellato Reach = F.Righellato RS = 35 RIG-10
.06 .03 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D2
WS Max WS - TR30_D0.5
WS Max WS - TR30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso Righellato Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = F.Righellato Reach = F.Righellato RS = 32 Culv
.06 .03 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D2
WS Max WS - TR30_D0.5
WS Max WS - TR30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso Righellato Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = F.Righellato Reach = F.Righellato RS = 32 Culv
.06 .03 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D2
WS Max WS - TR30_D0.5
WS Max WS - TR30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)

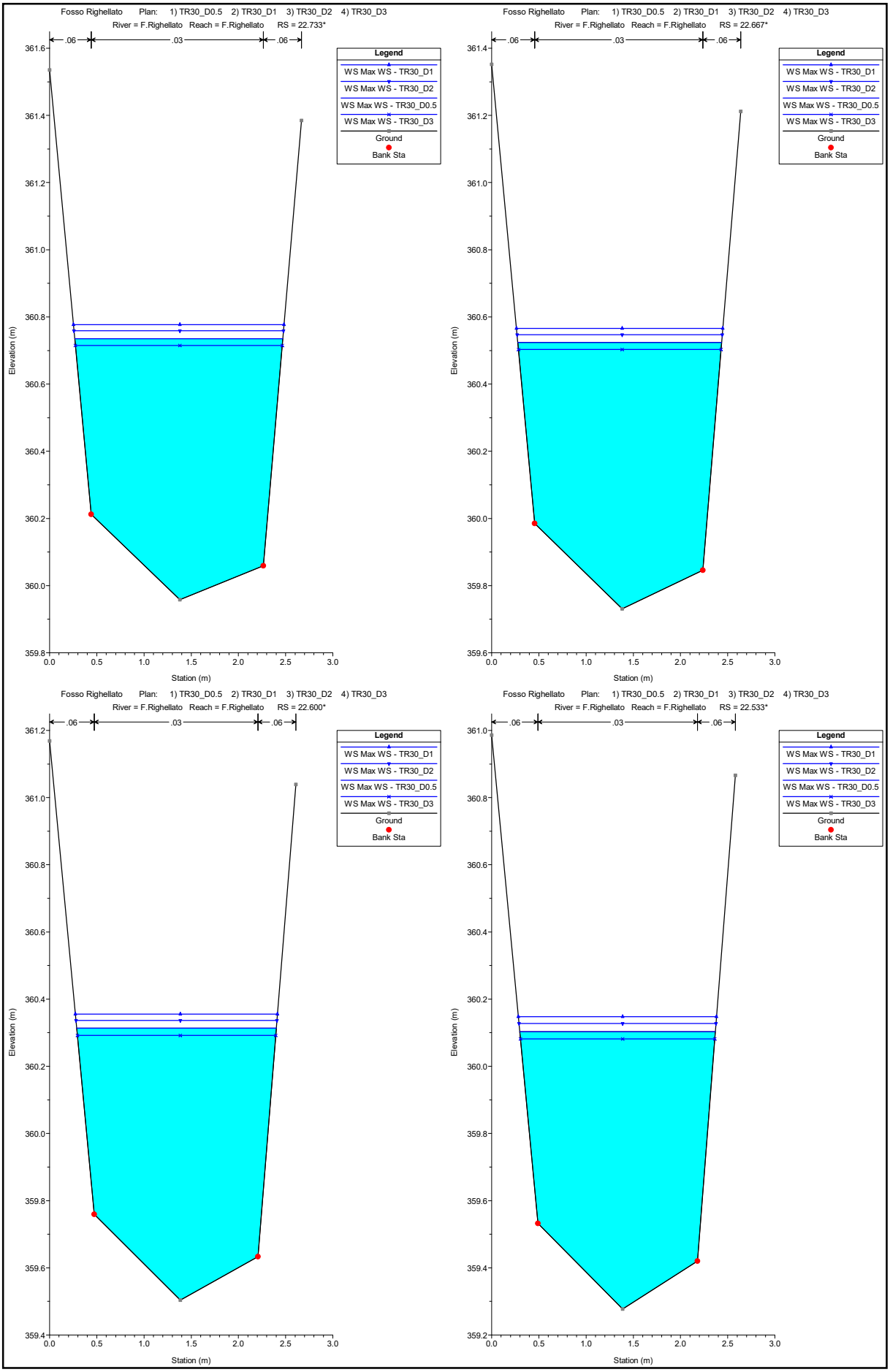

Fosso Righellato Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = F.Righellato Reach = F.Righellato RS = 30 RIG-09
.06 .03 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D2
WS Max WS - TR30_D0.5
WS Max WS - TR30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Fosso Righellato Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = F.Righellato Reach = F.Righellato RS = 29.167*
.06 .03 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D2
WS Max WS - TR30_D0.5
WS Max WS - TR30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Fosso Righellato Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = F.Righellato Reach = F.Righellato RS = 28.333*
.06 .03 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D2
WS Max WS - TR30_D0.5
WS Max WS - TR30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Fosso Righellato Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = F.Righellato Reach = F.Righellato RS = 27.500*
.06 .03 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D2
WS Max WS - TR30_D0.5
WS Max WS - TR30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)

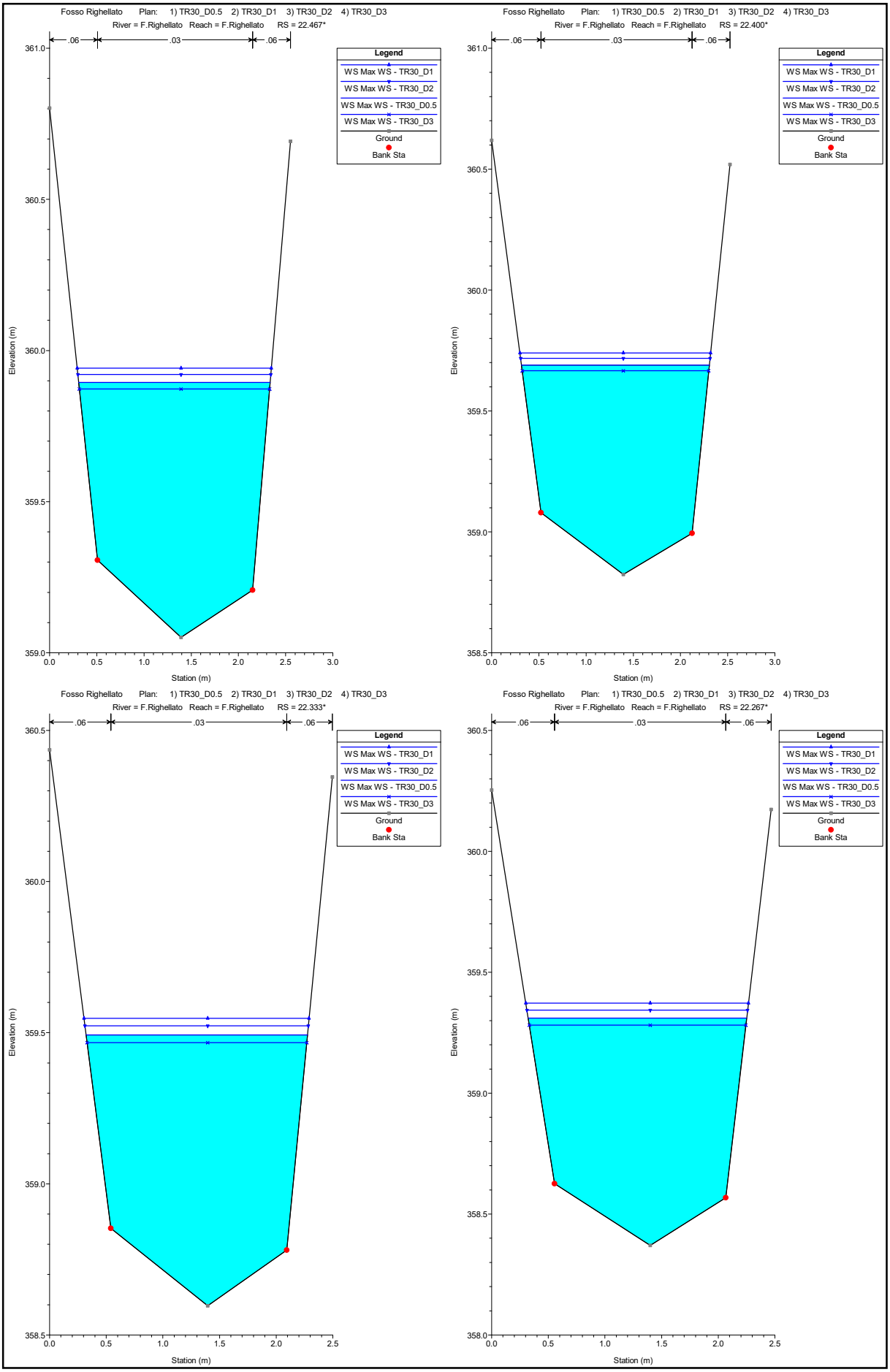

Fosso Righellato Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = F.Righellato Reach = F.Righellato RS = 26.667*
.06 .03 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D2
WS Max WS - TR30_D0.5
WS Max WS - TR30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Fosso Righellato Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = F.Righellato Reach = F.Righellato RS = 25.833*
.06 .03 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D2
WS Max WS - TR30_D0.5
WS Max WS - TR30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Fosso Righellato Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = F.Righellato Reach = F.Righellato RS = 25 RIG-08
.06 .03 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D2
WS Max WS - TR30_D0.5
WS Max WS - TR30_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Fosso Righellato Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = F.Righellato Reach = F.Righellato RS = 24.857*
.06 .03 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D2
WS Max WS - TR30_D0.5
WS Max WS - TR30_D3
Ground
Bank Sta
Elevation (m)
Station (m)

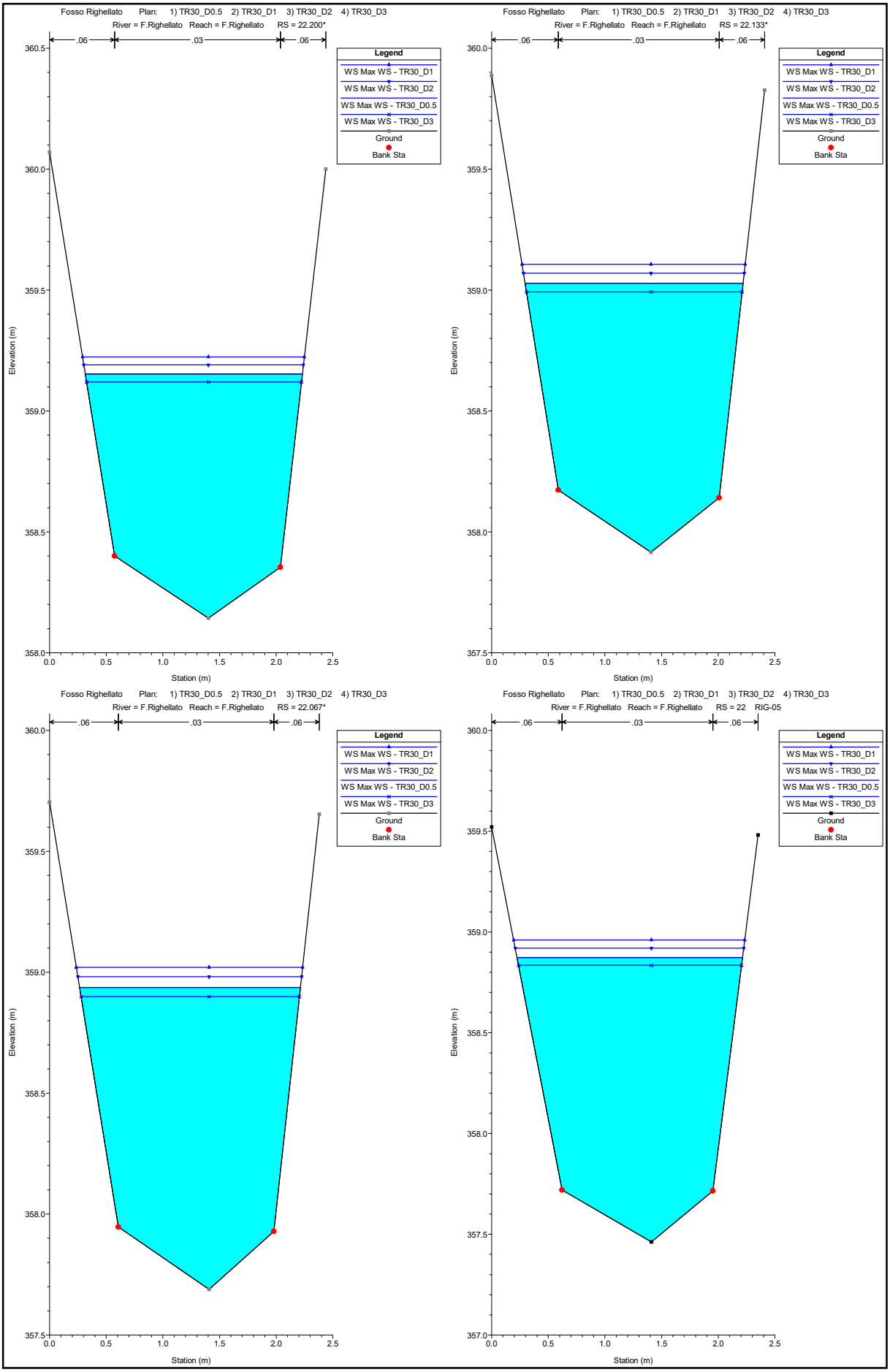

Fosso Righellato Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = F.Righellato Reach = F.Righellato RS = 24.714*
.06 .03 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D2
WS Max WS - TR30_D0.5
WS Max WS - TR30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso Righellato Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = F.Righellato Reach = F.Righellato RS = 24.571*
.06 .03 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D2
WS Max WS - TR30_D0.5
WS Max WS - TR30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso Righellato Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = F.Righellato Reach = F.Righellato RS = 24.429*
.06 .03 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D2
WS Max WS - TR30_D0.5
WS Max WS - TR30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso Righellato Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = F.Righellato Reach = F.Righellato RS = 24.286*
.06 .03 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D2
WS Max WS - TR30_D0.5
WS Max WS - TR30_D3
Ground
Bank Sta
Elevation (m)
Station (m)

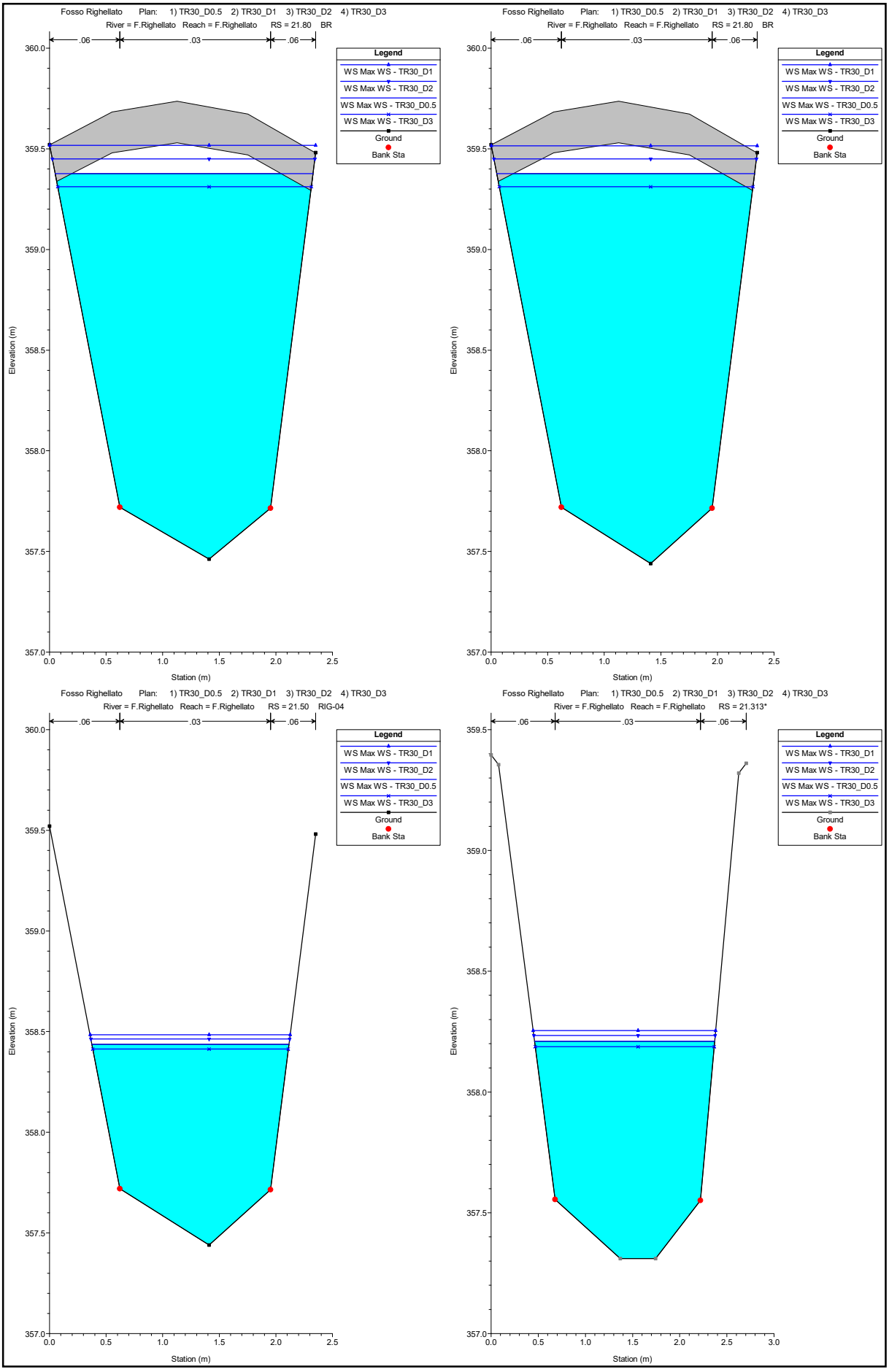

Fosso Righellato Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = F.Righellato Reach = F.Righellato RS = 24.143*
.06 .03 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D2
WS Max WS - TR30_D0.5
WS Max WS - TR30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso Righellato Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = F.Righellato Reach = F.Righellato RS = 24 RIG-07
.06 .03 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D2
WS Max WS - TR30_D0.5
WS Max WS - TR30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso Righellato Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = F.Righellato Reach = F.Righellato RS = 23.50 Culv
.06 .03 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D2
WS Max WS - TR30_D0.5
WS Max WS - TR30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso Righellato Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = F.Righellato Reach = F.Righellato RS = 23.50 Culv
.06 .03 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D2
WS Max WS - TR30_D0.5
WS Max WS - TR30_D3
Ground
Bank Sta
Elevation (m)
Station (m)

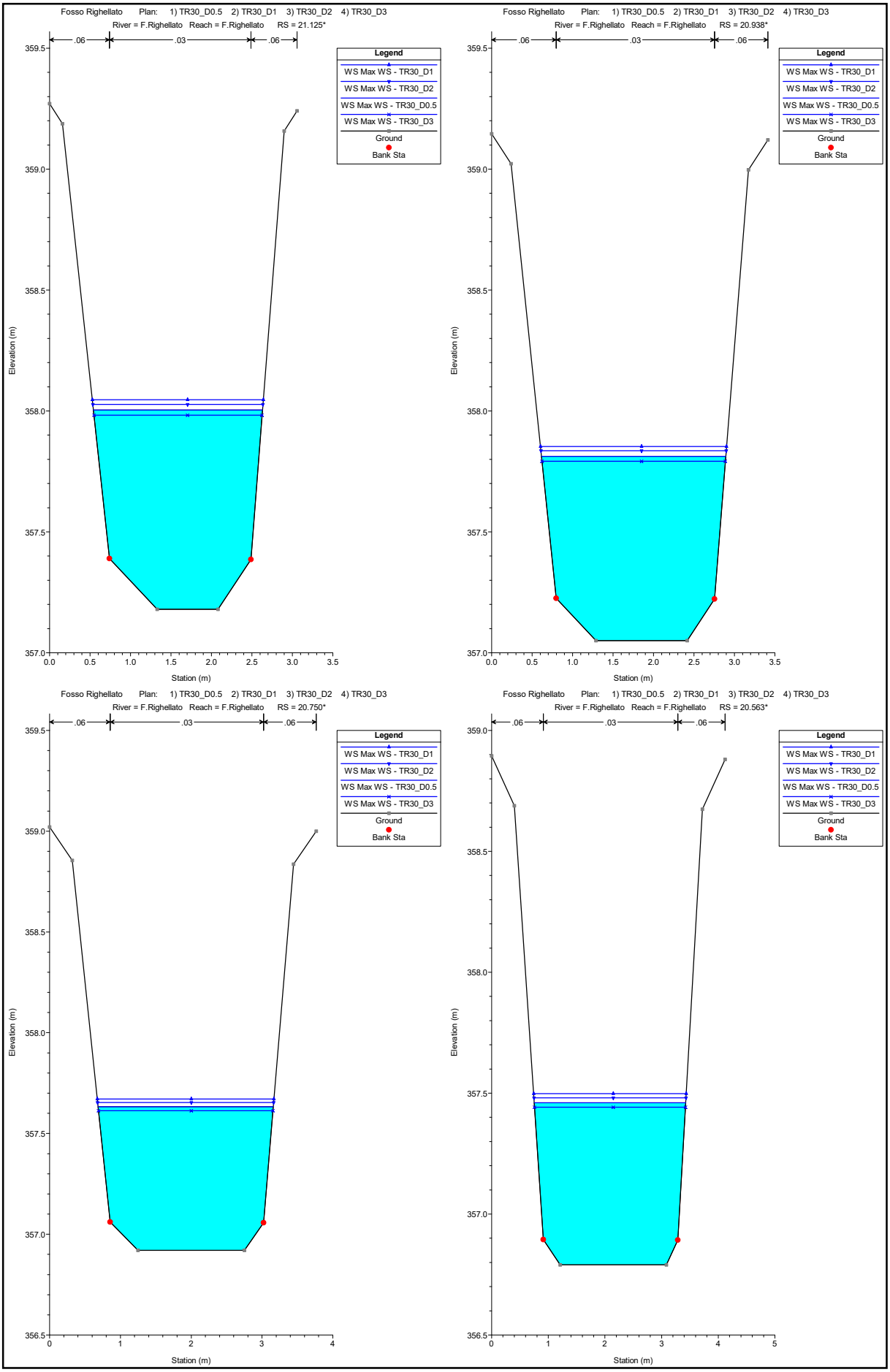

Fosso Righellato Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = F.Righellato Reach = F.Righellato RS = 23 RIG-06
.06
.03
.06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D2
WS Max WS - TR30_D0.5
WS Max WS - TR30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso Righellato Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = F.Righellato Reach = F.Righellato RS = 22.933*
Fosso Righellato Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = F.Righellato Reach = F.Righellato RS = 22.867*
Fosso Righellato Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = F.Righellato Reach = F.Righellato RS = 22.800*

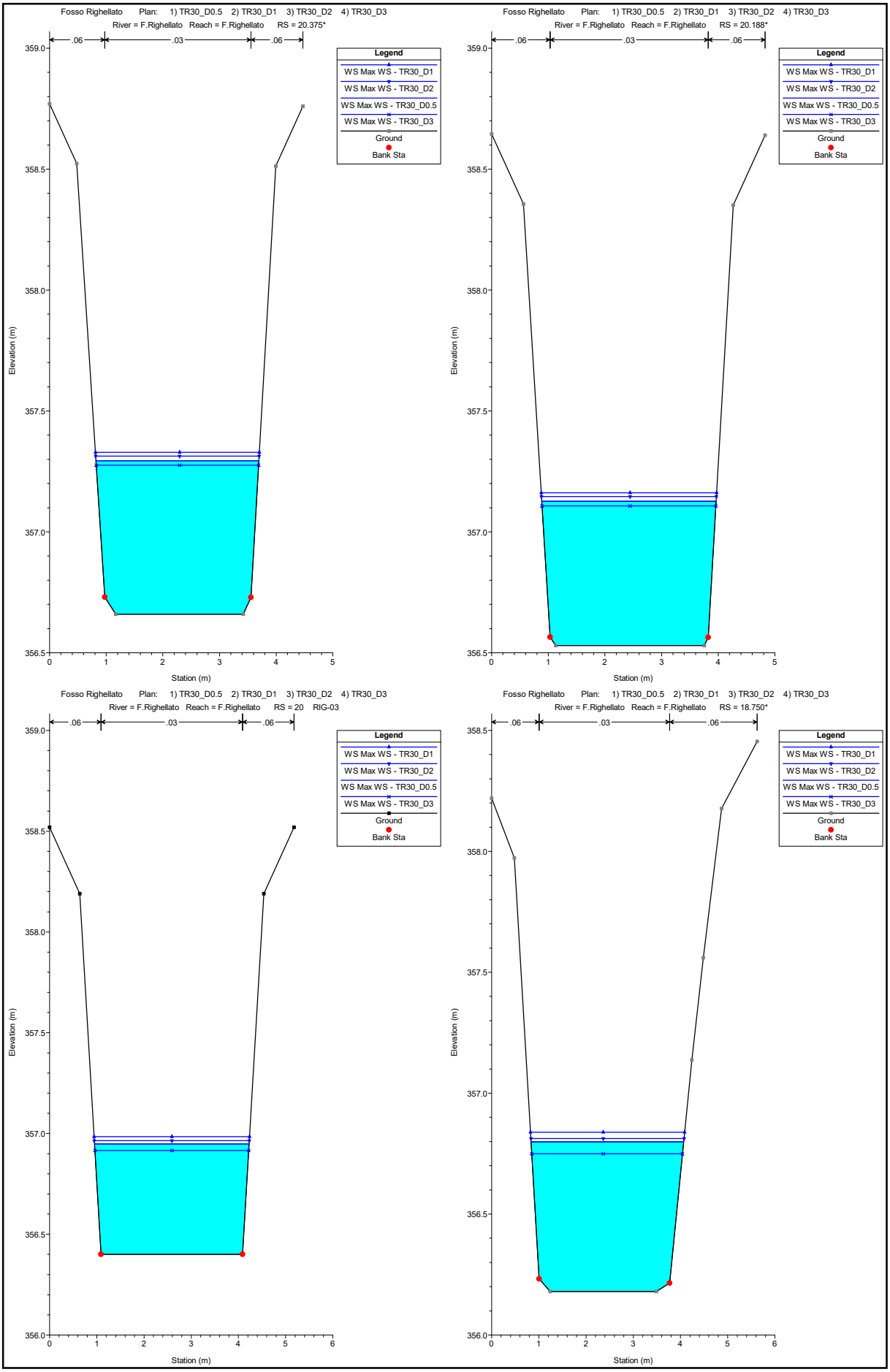

Fosso Righellato Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = F.Righellato Reach = F.Righellato RS = 22.733*
.06 .03 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D2
WS Max WS - TR30_D0.5
WS Max WS - TR30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso Righellato Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = F.Righellato Reach = F.Righellato RS = 22.667*
.06 .03 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D2
WS Max WS - TR30_D0.5
WS Max WS - TR30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso Righellato Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = F.Righellato Reach = F.Righellato RS = 22.600*
.06 .03 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D2
WS Max WS - TR30_D0.5
WS Max WS - TR30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso Righellato Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = F.Righellato Reach = F.Righellato RS = 22.533*
.06 .03 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D2
WS Max WS - TR30_D0.5
WS Max WS - TR30_D3
Ground
Bank Sta
Elevation (m)
Station (m)

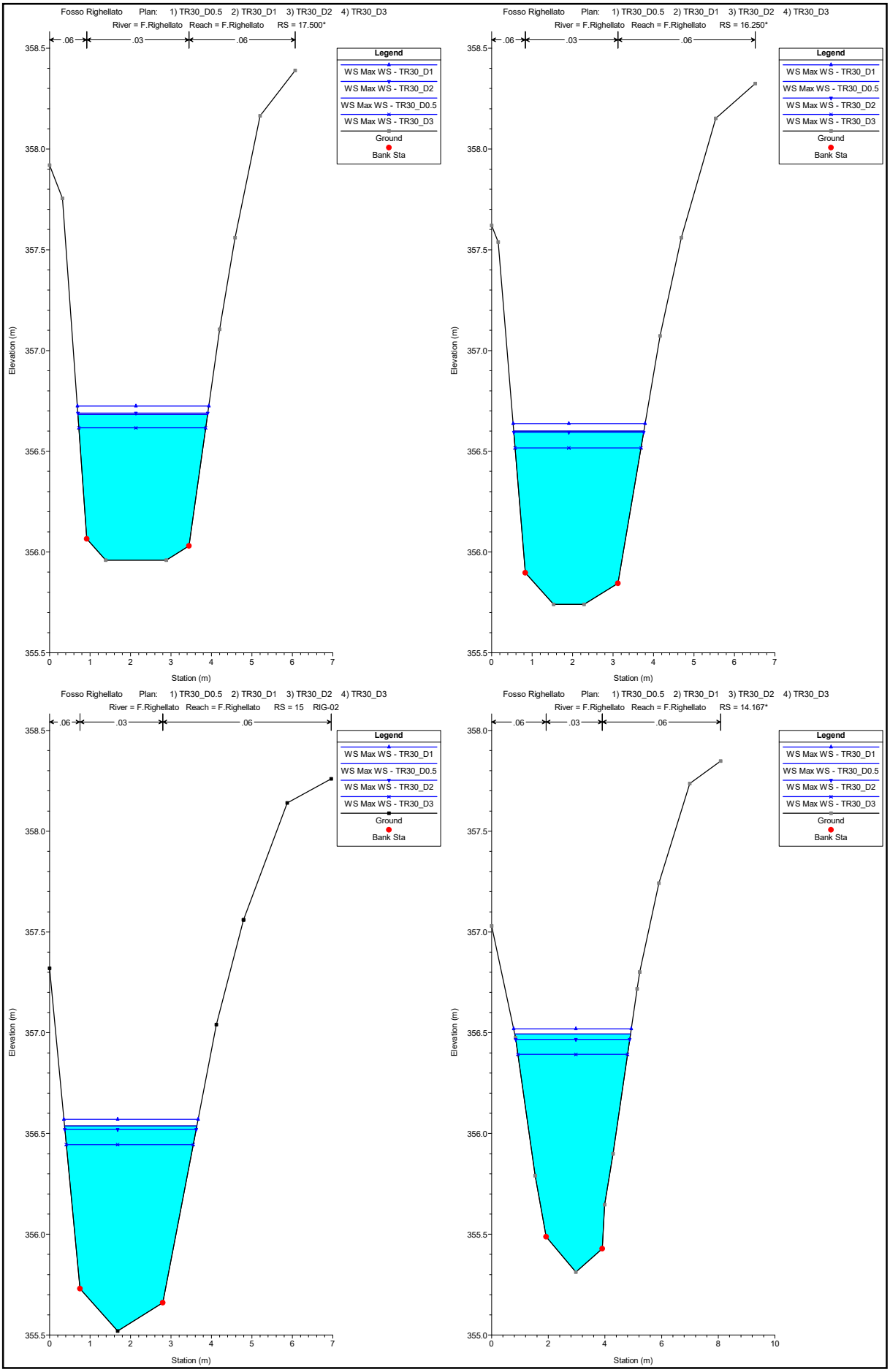

Fosso Righellato Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = F.Righellato Reach = F.Righellato RS = 22.467*
.06
.03
.06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D2
WS Max WS - TR30_D0.5
WS Max WS - TR30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso Righellato Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = F.Righellato Reach = F.Righellato RS = 22.400*
Fosso Righellato Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = F.Righellato Reach = F.Righellato RS = 22.333*
Fosso Righellato Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = F.Righellato Reach = F.Righellato RS = 22.267*

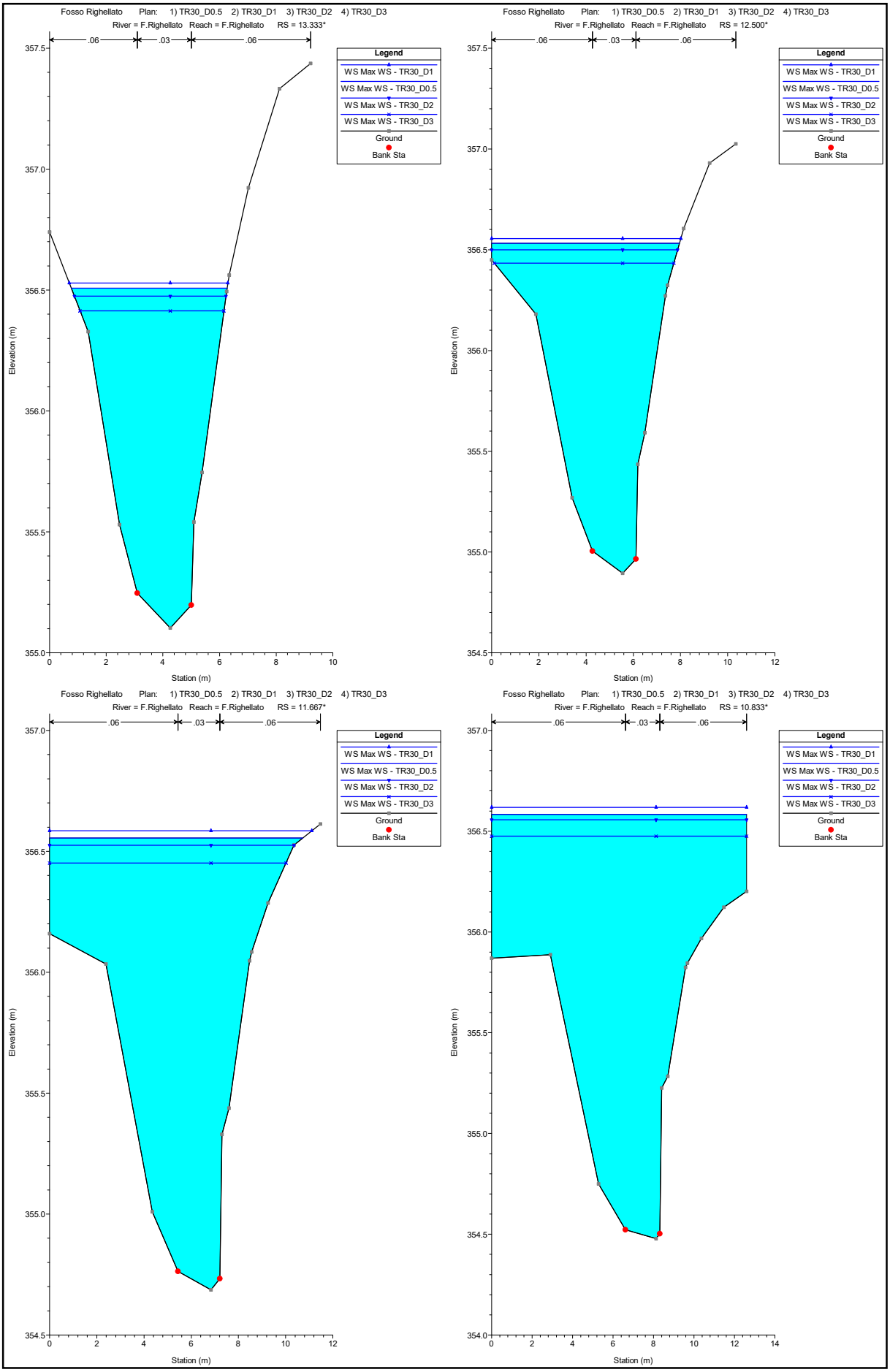

Fosso Righellato Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = F.Righellato Reach = F.Righellato RS = 22.200*
.06
.03
.06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D2
WS Max WS - TR30_D0.5
WS Max WS - TR30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso Righellato Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = F.Righellato Reach = F.Righellato RS = 22.133*
Fosso Righellato Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = F.Righellato Reach = F.Righellato RS = 22.067*
Fosso Righellato Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = F.Righellato Reach = F.Righellato RS = 22 RIG-05

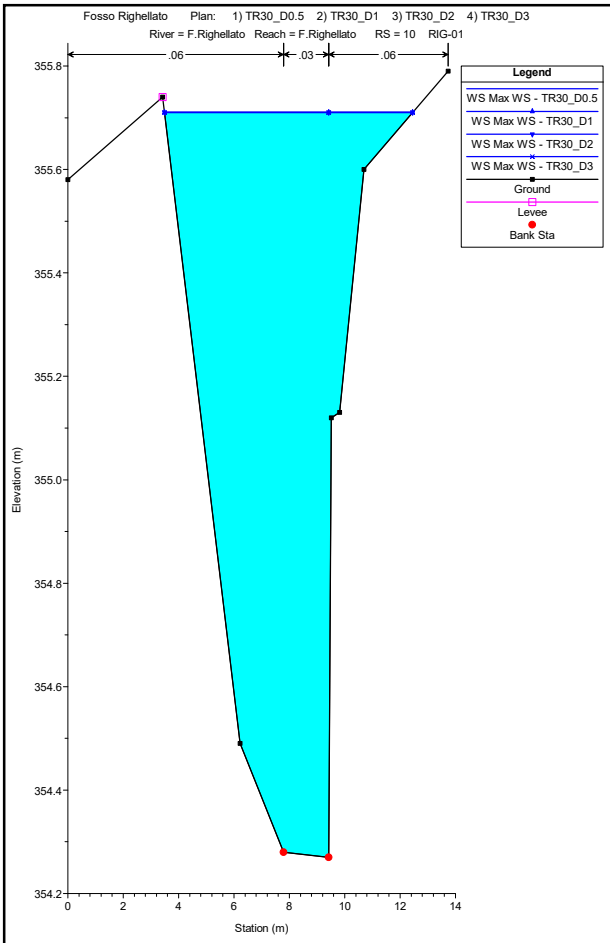

Fosso Righellato Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = F.Righellato Reach = F.Righellato RS = 21.80 BR
.06
.03
.06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D2
WS Max WS - TR30_D0.5
WS Max WS - TR30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso Righellato Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = F.Righellato Reach = F.Righellato RS = 21.80 BR
.06
.03
.06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D2
WS Max WS - TR30_D0.5
WS Max WS - TR30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso Righellato Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = F.Righellato Reach = F.Righellato RS = 21.50 RIG-04
.06
.03
.06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D2
WS Max WS - TR30_D0.5
WS Max WS - TR30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso Righellato Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = F.Righellato Reach = F.Righellato RS = 21.313*
.06
.03
.06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D2
WS Max WS - TR30_D0.5
WS Max WS - TR30_D3
Ground
Bank Sta
Elevation (m)
Station (m)


Fosso Righellato Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = F.Righellato Reach = F.Righellato RS = 21.125*
.06
.03
.06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D2
WS Max WS - TR30_D0.5
WS Max WS - TR30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso Righellato Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = F.Righellato Reach = F.Righellato RS = 20.938*
Fosso Righellato Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = F.Righellato Reach = F.Righellato RS = 20.750*
Fosso Righellato Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = F.Righellato Reach = F.Righellato RS = 20.563*


Fosso Righellato Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = F.Righellato Reach = F.Righellato RS = 20.375*
.06
.03
.06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D2
WS Max WS - TR30_D0.5
WS Max WS - TR30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso Righellato Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = F.Righellato Reach = F.Righellato RS = 20.188*
Fosso Righellato Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = F.Righellato Reach = F.Righellato RS = 20 RIG-03
Fosso Righellato Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = F.Righellato Reach = F.Righellato RS = 18.750*


Fosso Righellato Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = F.Righellato Reach = F.Righellato RS = 17.500*
.06
.03
.06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D2
WS Max WS - TR30_D0.5
WS Max WS - TR30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso Righellato Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = F.Righellato Reach = F.Righellato RS = 16.250*
Fosso Righellato Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = F.Righellato Reach = F.Righellato RS = 15 RIG-02
Fosso Righellato Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = F.Righellato Reach = F.Righellato RS = 14.167*


Fosso Righellato Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = F.Righellato Reach = F.Righellato RS = 13.333*
.06
.03
.06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
WS Max WS - TR30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso Righellato Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = F.Righellato Reach = F.Righellato RS = 12.500*
Fosso Righellato Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = F.Righellato Reach = F.Righellato RS = 11.667*
Fosso Righellato Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = F.Righellato Reach = F.Righellato RS = 10.833*


Fosso Righellato Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2 4) TR30_D3
River = F.Righellato Reach = F.Righellato RS = 10 RIG-01
.06
.03
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
WS Max WS - TR30_D3
Ground
Levee
Bank Sta
Elevation (m)
355.8
355.6
355.4
355.2
355.0
354.8
354.6
354.4
354.2
0
2
4
6
8
10
12
14
Station (m)

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "FOSSO RIGHELLATO"

F. RIGHELLATO

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 0.5, 1, 2 e 3h

Dati idraulici

HEC-RAS River: F.Righellato Reach: F.Righellato Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
F.Righellato	60	Max WS	TR30_D0.5	8.59	371.13	372.06	372.25	372.73	0.022743	3.66	0.74	0.45	2.47	4.50	1.42
F.Righellato	60	Max WS	TR30_D1	10.58	371.13	372.18	372.37	372.89	0.019268	3.77	0.82	0.64	3.06	5.02	1.34
F.Righellato	60	Max WS	TR30_D2	9.60	371.13	372.12	372.31	372.82	0.020833	3.72	0.78	0.54	2.77	4.82	1.38
F.Righellato	60	Max WS	TR30_D3	7.40	371.13	371.98	372.17	372.62	0.024863	3.55	0.67	0.31	2.15	4.14	1.45
F.Righellato	59.99			Lat Struct											
F.Righellato	59.98			Lat Struct											
F.Righellato	57.500*	Max WS	TR30_D0.5	8.58	370.92	371.90	372.04	372.47	0.016690	3.36	0.69	0.51	2.73	4.58	1.23
F.Righellato	57.500*	Max WS	TR30_D1	10.57	370.92	372.05	372.16	372.63	0.013425	3.40	0.76	0.63	3.47	5.15	1.14
F.Righellato	57.500*	Max WS	TR30_D2	9.60	370.92	371.98	372.10	372.55	0.014789	3.38	0.73	0.58	3.10	4.89	1.18
F.Righellato	57.500*	Max WS	TR30_D3	7.40	370.92	371.81	371.95	372.37	0.019210	3.31	0.64	0.40	2.33	4.22	1.30
F.Righellato	55.000*	Max WS	TR30_D0.5	8.57	370.70	371.80	371.82	372.23	0.010558	2.94	0.64	0.53	3.21	4.81	1.00
F.Righellato	55.000*	Max WS	TR30_D1	10.57	370.70	371.97	371.95	372.40	0.008559	2.98	0.68	0.61	4.09	5.44	0.93
F.Righellato	55.000*	Max WS	TR30_D2	9.60	370.70	371.89	371.89	372.32	0.009360	2.96	0.67	0.58	3.66	5.13	0.96
F.Righellato	55.000*	Max WS	TR30_D3	7.40	370.70	371.69	371.74	372.12	0.012402	2.92	0.60	0.46	2.71	4.44	1.06
F.Righellato	52.500*	Max WS	TR30_D0.5	8.57	370.49	371.73		372.04	0.006265	2.52	0.57	0.52	3.90	5.19	0.79
F.Righellato	52.500*	Max WS	TR30_D1	10.56	370.49	371.91		372.24	0.005330	2.59	0.59	0.56	4.93	6.04	0.75
F.Righellato	52.500*	Max WS	TR30_D2	9.59	370.49	371.83		372.14	0.005694	2.55	0.58	0.55	4.43	5.62	0.76
F.Righellato	52.500*	Max WS	TR30_D3	7.40	370.49	371.61		371.92	0.007149	2.48	0.54	0.47	3.32	4.78	0.83
F.Righellato	50	Max WS	TR30_D0.5	8.56	370.27	371.69		371.91	0.003747	2.15	0.49	0.48	4.80	5.80	0.62
F.Righellato	50	Max WS	TR30_D1	10.56	370.27	371.89		372.12	0.003336	2.24	0.53	0.49	6.02	6.84	0.60
F.Righellato	50	Max WS	TR30_D2	9.59	370.27	371.79		372.02	0.003519	2.20	0.51	0.49	5.41	6.32	0.61
F.Righellato	50	Max WS	TR30_D3	7.40	370.27	371.57		371.78	0.004101	2.10	0.47	0.45	4.11	5.30	0.64
F.Righellato	47	Max WS	TR30_D0.5	8.56	370.05	371.72		371.86	0.001946	1.73	0.46	0.45	6.33	5.96	0.45
F.Righellato	47	Max WS	TR30_D1	10.56	370.05	371.92		372.07	0.001897	1.86	0.51	0.49	7.53	6.27	0.45
F.Righellato	47	Max WS	TR30_D2	9.58	370.05	371.82		371.97	0.001915	1.80	0.49	0.47	6.96	6.12	0.45
F.Righellato	47	Max WS	TR30_D3	7.40	370.05	371.60		371.73	0.001980	1.65	0.42	0.42	5.61	5.77	0.45
F.Righellato	45	Max WS	TR30_D0.5	8.56	370.05	371.72	371.14	371.85	0.001843	1.69	0.45	0.44	6.46	5.96	0.43
F.Righellato	45	Max WS	TR30_D1	10.56	370.05	371.92	371.29	372.07	0.001815	1.82	0.50	0.48	7.66	6.27	0.44
F.Righellato	45	Max WS	TR30_D2	9.59	370.05	371.83	371.22	371.97	0.001826	1.76	0.48	0.46	7.08	6.13	0.44
F.Righellato	45	Max WS	TR30_D3	7.40	370.05	371.60	371.04	371.72	0.001860	1.61	0.41	0.41	5.74	5.77	0.43
F.Righellato	44.80			Inl Struct											
F.Righellato	44.50	Max WS	TR30_D0.5	8.56	368.34	371.03		371.06	0.000151	0.79	0.03	0.00	11.06	4.42	0.15
F.Righellato	44.50	Max WS	TR30_D1	10.56	368.34	371.19		371.23	0.000190	0.92	0.04	0.00	11.76	4.42	0.17
F.Righellato	44.50	Max WS	TR30_D2	9.58	368.34	371.12		371.16	0.000170	0.86	0.04	0.00	11.45	4.42	0.16
F.Righellato	44.50	Max WS	TR30_D3	7.40	368.34	370.94		370.96	0.000127	0.71	0.03	0.00	10.65	4.42	0.14
F.Righellato	44.333*	Max WS	TR30_D0.5	8.07	368.34	371.04		371.06	0.000133	0.74	0.03	0.00	11.09	4.42	0.14
F.Righellato	44.333*	Max WS	TR30_D1	10.06	368.34	371.20		371.24	0.000170	0.88	0.04	0.00	11.80	4.42	0.17
F.Righellato	44.333*	Max WS	TR30_D2	9.16	368.34	371.13		371.16	0.000154	0.82	0.03	0.00	11.48	4.42	0.16
F.Righellato	44.333*	Max WS	TR30_D3	7.03	368.34	370.94		370.97	0.000114	0.67	0.02	0.00	10.68	4.42	0.13
F.Righellato	44.167*	Max WS	TR30_D0.5	7.47	368.34	371.04		371.07	0.000113	0.69	0.03	0.00	11.13	4.42	0.13
F.Righellato	44.167*	Max WS	TR30_D1	9.20	368.34	371.21		371.24	0.000140	0.80	0.03	0.00	11.85	4.42	0.15
F.Righellato	44.167*	Max WS	TR30_D2	8.36	368.34	371.14		371.16	0.000127	0.74	0.03	0.00	11.53	4.42	0.14
F.Righellato	44.167*	Max WS	TR30_D3	6.58	368.34	370.95		370.97	0.000099	0.63	0.02	0.00	10.70	4.42	0.12
F.Righellato	44	Max WS	TR30_D0.5	6.42	368.34	371.06		371.07	0.000082	0.59	0.02	0.03	11.41	4.82	0.11
F.Righellato	44	Max WS	TR30_D1	7.60	368.34	371.23		371.25	0.000094	0.65	0.03	0.03	12.23	4.82	0.12
F.Righellato	44	Max WS	TR30_D2	7.02	368.34	371.15		371.17	0.000087	0.62	0.03	0.03	11.86	4.82	0.12
F.Righellato	44	Max WS	TR30_D3	5.81	368.34	370.96		370.97	0.000076	0.55	0.02	0.02	10.92	4.82	0.11
F.Righellato	43	Max WS	TR30_D0.5	6.16	368.34	371.02		371.08	0.000285	1.09	0.07	0.05	6.32	3.20	0.21
F.Righellato	43	Max WS	TR30_D1	7.19	368.34	371.19		371.26	0.000316	1.19	0.09	0.07	6.85	3.20	0.23
F.Righellato	43	Max WS	TR30_D2	6.67	368.34	371.12		371.18	0.000298	1.14	0.08	0.06	6.61	3.20	0.22
F.Righellato	43	Max WS	TR30_D3	5.61	368.34	370.93		370.98	0.000268	1.03	0.07	0.05	6.01	3.20	0.20
F.Righellato	42.50			Culvert											
F.Righellato	42	Max WS	TR30_D0.5	6.16	366.38	366.99	367.33	368.14	0.040878	4.74	0.14		1.30	2.22	1.97
F.Righellato	42	Max WS	TR30_D1	7.19	366.38	367.05	367.43	368.35	0.040784	5.04	0.15		1.43	2.22	2.00
F.Righellato	42	Max WS	TR30_D2	6.67	366.38	367.02	367.38	368.24	0.040907	4.90	0.14		1.37	2.22	1.99
F.Righellato	42	Max WS	TR30_D3	5.61	366.38	366.96	367.27	368.02	0.040854	4.57	0.14		1.23	2.22	1.95
F.Righellato	41.99			Lat Struct											
F.Righellato	41.98			Lat Struct											
F.Righellato	41.600*	Max WS	TR30_D0.5	6.16	366.28	366.91	367.25	368.08	0.041149	4.81	0.47	0.12	1.31	2.24	1.98
F.Righellato	41.600*	Max WS	TR30_D1	7.19	366.28	366.97	367.35	368.30	0.041220	5.12	0.50	0.13	1.44	2.25	2.01
F.Righellato	41.600*	Max WS	TR30_D2	6.67	366.28	366.94	367.30	368.19	0.041209	4.97	0.48	0.12	1.38	2.25	2.00
F.Righellato	41.600*	Max WS	TR30_D3	5.61	366.28	366.88	367.19	367.96	0.040937	4.63	0.45	0.11	1.24	2.24	1.96
F.Righellato	41.200*	Max WS	TR30_D0.5	6.16	366.18	366.82	367.18	368.03	0.042095	4.90	0.77	0.22	1.32	2.31	2.00
F.Righellato	41.200*	Max WS	TR30_D1	7.18	366.18	366.88	367.28	368.25	0.042334	5.21	0.82	0.23	1.46	2.34	2.04
F.Righellato	41.200*	Max WS	TR30_D2	6.67	366.18	366.85	367.23	368.14	0.042249	5.06	0.80	0.23	1.39	2.33	2.02
F.Righellato	41.200*	Max WS	TR30_D3	5.61	366.18	366.79	367.12	367.91	0.041816	4.71	0.74	0.21	1.25	2.30	1.98
F.Righellato	40.800*	Max WS	TR30_D0.5	6.16	366.08	366.73	367.10	367.97	0.043505	4.99	1.08	0.34	1.35	2.48	2.04
F.Righellato	40.800*	Max WS	TR30_D1	7.18	366.08	366.79	367.20	368.19	0.043898	5.31	1.15	0.37	1.49	2.53	2.08
F.Righellato	40.800*	Max WS	TR30_D2	6.67	366.08	366.76	367.15	368.08	0.043675	5.15	1.11	0.36	1.42	2.50	2.06
F.Righellato	40.800*	Max WS	TR30_D3	5.61	366.08	366.70	367.04	367.85	0.043188	4.80	1.03	0.33	1.27	2.45	2.01
F.Righellato	40.400*	Max WS	TR30_D0.5	6.16	365.98	366.64	367.01	367.88	0.045380	5.06	1.30	0.53	1.42	2.90	2.08
F.Righellato	40.400*	Max WS	TR30_D1	7.18	365.98	366.69	367.10	368.09	0.045570	5.37	1.39	0.56	1.58	3.02	2.11
F.Righellato	40.400*	Max WS	TR30_D2	6.67	365.98	366.67	367.06	367.99	0.045403	5.22	1.35	0.54	1.50	2.96	2.09
F.Righellato	40.400*	Max WS	TR30_D3	5.61	365.98	366.61	366.96	367.77	0.045297	4.88	1.25	0.51	1.33	2.83	2.06
F.Righellato	40	Max WS	TR30_D0.5	6.16	365.88	366.55	366.85	367.47	0.038118	4.63	1.29	0.75	1.93	5.05	1.90
F.Righellato	40	Max WS	TR30_D1	7.17	365.88	366.61	366.93	367.59	0.036732	4.82	1.38	0.79	2.22	5.32	1.89
F.Righellato	40	Max WS	TR30_D2	6.67	365.88	366.58	366.91	367.53	0.037394	4.72	1.34	0.77	2.08	5.19	1.89
F.Righellato	40	Max WS	TR30_D3	5.61	365.88	366.52	366.79	367.41	0.039320	4.53	1.24	0.74	1.77	4.89	1.91
F.Righellato	39.000*	Max WS	TR30_D0.5	6.16	365.47	366.29	366.46	366.88	0.018743	3.64	1.00	0.67	2.32	4.83	1.37
F.Righellato	39.000*	Max WS	TR30_D1	7.17	365.47	366.35	366.56	367.00	0.018651	3.84	1.08	0.71	2.62	5.05	1.38
F.Righellato	39.000*	Max WS	TR30_D2	6.68	365.47	366.32	366.51	366.94	0.018812	3.75	1.04	0.69	2.47	4.94	1.38

HEC-RAS River: F.Righellato Reach: F.Righellato Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
F.Righellato	39.000*	Max WS	TR30_D3	5.63	365.47	366.25	366.40	366.82	0.019487	3.57	0.96	0.66	2.12	4.69	1.38
F.Righellato	38.000*	Max WS	TR30_D0.5	6.16	365.06	366.17		366.42	0.005250	2.37	0.68	0.45	3.70	6.02	0.76
F.Righellato	38.000*	Max WS	TR30_D1	7.16	365.06	366.23		366.52	0.005648	2.56	0.74	0.49	4.08	6.35	0.79
F.Righellato	38.000*	Max WS	TR30_D2	6.68	365.06	366.20		366.47	0.005506	2.48	0.71	0.47	3.88	6.18	0.78
F.Righellato	38.000*	Max WS	TR30_D3	5.62	365.06	366.13		366.36	0.005187	2.29	0.64	0.43	3.44	5.79	0.75
F.Righellato	37.000*	Max WS	TR30_D0.5	6.15	364.64	366.19		366.28	0.001318	1.48	0.43	0.36	6.35	7.37	0.40
F.Righellato	37.000*	Max WS	TR30_D1	7.15	364.64	366.25		366.36	0.001528	1.64	0.45	0.40	6.82	7.92	0.43
F.Righellato	37.000*	Max WS	TR30_D2	6.68	364.64	366.21		366.32	0.001442	1.57	0.44	0.38	6.57	7.64	0.42
F.Righellato	37.000*	Max WS	TR30_D3	5.62	364.64	366.15		366.23	0.001223	1.40	0.41	0.33	6.08	7.23	0.38
F.Righellato	36.000*	Max WS	TR30_D0.5	6.15	364.23	366.21		366.25	0.000461	1.03	0.26	0.28	9.64	9.28	0.25
F.Righellato	36.000*	Max WS	TR30_D1	7.15	364.23	366.27		366.33	0.000543	1.14	0.28	0.32	10.26	9.77	0.27
F.Righellato	36.000*	Max WS	TR30_D2	6.68	364.23	366.24		366.29	0.000508	1.09	0.27	0.30	9.93	9.56	0.26
F.Righellato	36.000*	Max WS	TR30_D3	5.62	364.23	366.17		366.21	0.000417	0.96	0.25	0.26	9.28	8.92	0.23
F.Righellato	35	Max WS	TR30_D0.5	5.85	363.82	366.22		366.24	0.000176	0.72	0.18	0.21	13.38	10.30	0.16
F.Righellato	35	Max WS	TR30_D1	6.58	363.82	366.29		366.31	0.000196	0.78	0.20	0.23	14.11	10.30	0.17
F.Righellato	35	Max WS	TR30_D2	6.25	363.82	366.26		366.28	0.000189	0.76	0.19	0.22	13.74	10.30	0.16
F.Righellato	35	Max WS	TR30_D3	5.43	363.82	366.18		366.20	0.000165	0.69	0.17	0.20	12.96	10.30	0.15
F.Righellato	32			Culvert											
F.Righellato	30	Max WS	TR30_D0.5	5.85	362.94	363.90	364.14	364.69	0.018721	4.32	1.10	1.10	2.07	3.41	1.43
F.Righellato	30	Max WS	TR30_D1	6.58	362.94	363.96	364.22	364.80	0.018427	4.48	1.14	1.14	2.29	3.59	1.44
F.Righellato	30	Max WS	TR30_D2	6.25	362.94	363.93	364.18	364.75	0.018720	4.42	1.13	1.13	2.18	3.51	1.44
F.Righellato	30	Max WS	TR30_D3	5.43	362.94	363.86	364.10	364.62	0.018611	4.20	1.07	1.07	1.95	3.32	1.42
F.Righellato	29.167*	Max WS	TR30_D0.5	5.85	362.79	363.73	363.97	364.50	0.018535	4.21	1.07	1.07	2.05	3.40	1.42
F.Righellato	29.167*	Max WS	TR30_D1	6.66	362.79	363.80	364.05	364.63	0.018637	4.42	1.12	1.13	2.27	3.57	1.44
F.Righellato	29.167*	Max WS	TR30_D2	6.27	362.79	363.76	364.01	364.57	0.018620	4.32	1.10	1.10	2.16	3.49	1.43
F.Righellato	29.167*	Max WS	TR30_D3	5.43	362.79	363.70	363.91	364.43	0.018452	4.09	1.04	1.04	1.93	3.31	1.40
F.Righellato	28.333*	Max WS	TR30_D0.5	5.85	362.64	363.57	363.79	364.31	0.018333	4.11	1.03	1.04	2.03	3.39	1.40
F.Righellato	28.333*	Max WS	TR30_D1	6.67	362.64	363.63	363.88	364.44	0.018482	4.32	1.09	1.10	2.25	3.55	1.42
F.Righellato	28.333*	Max WS	TR30_D2	6.26	362.64	363.60	363.84	364.38	0.018418	4.22	1.06	1.07	2.14	3.47	1.41
F.Righellato	28.333*	Max WS	TR30_D3	5.43	362.64	363.53	363.74	364.24	0.018298	4.00	1.00	1.01	1.92	3.30	1.39
F.Righellato	27.500*	Max WS	TR30_D0.5	5.85	362.50	363.40	363.61	364.13	0.018228	4.02	1.00	1.01	2.01	3.38	1.39
F.Righellato	27.500*	Max WS	TR30_D1	6.67	362.50	363.46	363.70	364.26	0.018390	4.23	1.06	1.07	2.22	3.53	1.41
F.Righellato	27.500*	Max WS	TR30_D2	6.26	362.50	363.43	363.66	364.19	0.018272	4.13	1.03	1.04	2.12	3.46	1.40
F.Righellato	27.500*	Max WS	TR30_D3	5.43	362.50	363.37	363.56	364.06	0.018193	3.91	0.97	0.98	1.90	3.30	1.38
F.Righellato	26.667*	Max WS	TR30_D0.5	5.85	362.35	363.24	363.44	363.95	0.018210	3.94	0.97	0.99	1.99	3.37	1.38
F.Righellato	26.667*	Max WS	TR30_D1	6.67	362.35	363.30	363.59	364.07	0.018355	4.15	1.03	1.05	2.20	3.52	1.40
F.Righellato	26.667*	Max WS	TR30_D2	6.26	362.35	363.27	363.55	364.01	0.018208	4.04	1.00	1.02	2.10	3.45	1.39
F.Righellato	26.667*	Max WS	TR30_D3	5.43	362.35	363.21	363.40	363.88	0.018131	3.83	0.94	0.96	1.89	3.30	1.37
F.Righellato	25.833*	Max WS	TR30_D0.5	5.85	362.20	363.08	363.32	363.77	0.018247	3.87	0.94	0.97	1.98	3.36	1.38
F.Righellato	25.833*	Max WS	TR30_D1	6.67	362.20	363.13	363.38	363.90	0.018501	4.09	1.00	1.02	2.17	3.49	1.40
F.Righellato	25.833*	Max WS	TR30_D2	6.26	362.20	363.11	363.35	363.83	0.018294	3.98	0.97	0.99	2.08	3.43	1.39
F.Righellato	25.833*	Max WS	TR30_D3	5.43	362.20	363.04	363.28	363.70	0.018189	3.77	0.91	0.94	1.87	3.29	1.36
F.Righellato	25	Max WS	TR30_D0.5	5.85	362.05	362.91	363.12	363.61	0.018805	3.85	0.65	0.95	2.01	4.34	1.39
F.Righellato	25	Max WS	TR30_D1	6.64	362.05	362.97	363.19	363.71	0.018616	4.01	0.75	1.00	2.25	4.40	1.40
F.Righellato	25	Max WS	TR30_D2	6.26	362.05	362.94	363.15	363.66	0.018603	3.93	0.70	0.98	2.14	4.37	1.39
F.Righellato	25	Max WS	TR30_D3	5.43	362.05	362.88	363.08	363.53	0.018597	3.73	0.89	0.92	1.84	3.27	1.37
F.Righellato	24.857*	Max WS	TR30_D0.5	5.84	361.87	362.74	362.92	363.39	0.017126	3.77	0.74	0.96	2.10	4.17	1.33
F.Righellato	24.857*	Max WS	TR30_D1	6.58	361.87	362.80	362.99	363.49	0.016802	3.90	0.83	0.99	2.34	4.23	1.34
F.Righellato	24.857*	Max WS	TR30_D2	6.24	361.87	362.77	362.96	363.45	0.016966	3.85	0.79	0.98	2.23	4.20	1.34
F.Righellato	24.857*	Max WS	TR30_D3	5.43	361.87	362.71	362.89	363.34	0.017382	3.69	0.68	0.94	1.96	4.13	1.33
F.Righellato	24.714*	Max WS	TR30_D0.5	5.87	361.69	362.58	362.73	363.18	0.014795	3.63	0.83	0.94	2.24	3.99	1.25
F.Righellato	24.714*	Max WS	TR30_D1	6.65	361.69	362.64	362.81	363.28	0.014827	3.80	0.91	0.99	2.48	4.08	1.27
F.Righellato	24.714*	Max WS	TR30_D2	6.30	361.69	362.62	362.77	363.24	0.014829	3.73	0.87	0.97	2.37	4.05	1.26
F.Righellato	24.714*	Max WS	TR30_D3	5.45	361.69	362.55	362.70	363.12	0.014815	3.54	0.80	0.92	2.11	3.87	1.24
F.Righellato	24.571*	Max WS	TR30_D0.5	5.93	361.50	362.46	362.55	362.97	0.011933	3.44	0.88	0.91	2.46	3.83	1.14
F.Righellato	24.571*	Max WS	TR30_D1	6.75	361.50	362.51	362.63	363.09	0.012492	3.65	0.95	0.97	2.67	3.95	1.18
F.Righellato	24.571*	Max WS	TR30_D2	6.38	361.50	362.49	362.59	363.04	0.012257	3.56	0.91	0.94	2.57	3.91	1.16
F.Righellato	24.571*	Max WS	TR30_D3	5.49	361.50	362.42	362.51	362.91	0.011690	3.32	0.84	0.88	2.33	3.75	1.12
F.Righellato	24.429*	Max WS	TR30_D0.5	5.93	361.32	362.36	362.36	362.79	0.008866	3.16	0.85	0.85	2.74	3.75	1.00
F.Righellato	24.429*	Max WS	TR30_D1	6.75	361.32	362.40	362.44	362.90	0.009726	3.42	0.92	0.92	2.92	3.83	1.06
F.Righellato	24.429*	Max WS	TR30_D2	6.38	361.32	362.38	362.41	362.85	0.009355	3.30	0.89	0.89	2.84	3.80	1.03
F.Righellato	24.429*	Max WS	TR30_D3	5.49	361.32	362.32	362.31	362.72	0.008479	3.03	0.81	0.82	2.63	3.69	0.97
F.Righellato	24.286*	Max WS	TR30_D0.5	5.93	361.14	362.28		362.64	0.006413	2.90	0.77	0.79	3.09	3.69	0.87
F.Righellato	24.286*	Max WS	TR30_D1	6.76	361.14	362.32	362.27	362.74	0.007379	3.18	0.84	0.86	3.23	3.74	0.94
F.Righellato	24.286*	Max WS	TR30_D2	6.38	361.14	362.30	362.23	362.69	0.006948	3.05	0.81	0.83	3.17	3.72	0.91
F.Righellato	24.286*	Max WS	TR30_D3	5.49	361.14	362.26		362.58	0.005920	2.74	0.73	0.75	3.00	3.65	0.83
F.Righellato	24.143*	Max WS	TR30_D0.5	5.92	360.95	362.26		362.54	0.004302	2.60	0.65	0.71	3.56	3.65	0.73
F.Righellato	24.143*	Max WS	TR30_D1	6.71	360.95	362.28		362.62	0.005163	2.88	0.71	0.79	3.65	3.68	0.80
F.Righellato	24.143*	Max WS	TR30_D2	6.35	360.95	362.27		362.58	0.004772	2.76	0.68	0.75	3.61	3.67	0.77
F.Righellato	24.143*	Max WS	TR30_D3	5.48	360.95	362.24		362.49	0.003873	2.44	0.61	0.67	3.50	3.64	0.69
F.Righellato	24	Max WS	TR30_D0.5	5.37	360.77	362.30		362.48	0.002161	2.06	0.45	0.57	4.24	3.55	0.53
F.Righellato	24	Max WS	TR30_D1	5.91	360.77	362.34		362.54	0.002408	2.21	0.48	0.61	4.37	3.55	0.56
F.Righellato	24	Max WS	TR30_D2	5.67	360.77	362.32		362.51	0.002299	2.14	0.46	0.59	4.31	3.55	0.55
F.Righellato	24	Max WS	TR30_D3	5.11	360.77	362.27		362.44	0.002110	2.01	0.44	0.55	4.12	3.55	0.52
F.Righellato	23.50			Culvert											
F.Righellato	23	Max WS	TR30_D0.5	5.37	360.87	361.59	361.83	362.43	0.027551	4.09	0.48	0.64	1.41	2.39	1.63
F.Righellato	23	Max WS	TR30_D1	5.91	360.87	361.63	361.89	362.53	0.027465	4.25	0.51	0.66	1.50	2.42	1.64
F.Righellato	23	Max WS	TR30_D2	5.67	360.87	361.61	361.86	362.49	0.027546	4.18	0.50	0.65	1.46	2.40	1.63
F.Righellato	23	Max WS	TR30_D3	5.11	360.87	361.57	361.80	362.38	0.027487	4.01	0.47	0.62	1.37	2.38	1.62
F.Righellato	22.99			Lat Struct											
F.Righellato	22.98			Lat Struct											

HEC-RAS River: F.Righellato Reach: F.Righellato Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
F.Righellato	22.933*	Max WS	TR30_D0.5	5.37	360.64	361.37	361.62	362.23	0.027475	4.13	0.49	0.62	1.40	2.34	1.63
F.Righellato	22.933*	Max WS	TR30_D1	5.91	360.64	361.41	361.68	362.34	0.027387	4.28	0.52	0.64	1.49	2.37	1.64
F.Righellato	22.933*	Max WS	TR30_D2	5.67	360.64	361.40	361.65	362.29	0.027433	4.21	0.51	0.63	1.45	2.36	1.63
F.Righellato	22.933*	Max WS	TR30_D3	5.11	360.64	361.35	361.59	362.18	0.027466	4.04	0.48	0.61	1.36	2.33	1.62
F.Righellato	22.867*	Max WS	TR30_D0.5	5.37	360.41	361.16	361.41	362.03	0.027508	4.16	0.50	0.61	1.39	2.29	1.63
F.Righellato	22.867*	Max WS	TR30_D1	5.91	360.41	361.20	361.47	362.14	0.027294	4.32	0.53	0.63	1.48	2.32	1.64
F.Righellato	22.867*	Max WS	TR30_D2	5.67	360.41	361.18	361.45	362.09	0.027423	4.25	0.52	0.62	1.44	2.31	1.64
F.Righellato	22.867*	Max WS	TR30_D3	5.11	360.41	361.14	361.39	361.98	0.027544	4.08	0.49	0.60	1.34	2.28	1.62
F.Righellato	22.800*	Max WS	TR30_D0.5	5.37	360.18	360.95	361.20	361.83	0.027367	4.19	0.51	0.60	1.38	2.25	1.63
F.Righellato	22.800*	Max WS	TR30_D1	5.91	360.18	360.99	361.27	361.94	0.027205	4.35	0.54	0.62	1.47	2.28	1.64
F.Righellato	22.800*	Max WS	TR30_D2	5.67	360.18	360.97	361.24	361.89	0.027296	4.28	0.53	0.61	1.43	2.26	1.64
F.Righellato	22.800*	Max WS	TR30_D3	5.11	360.18	360.93	361.18	361.78	0.027451	4.12	0.50	0.58	1.33	2.24	1.62
F.Righellato	22.733*	Max WS	TR30_D0.5	5.37	359.96	360.74	361.00	361.64	0.027342	4.23	0.52	0.59	1.37	2.20	1.63
F.Righellato	22.733*	Max WS	TR30_D1	5.91	359.96	360.78	361.06	361.75	0.027216	4.39	0.55	0.61	1.46	2.23	1.64
F.Righellato	22.733*	Max WS	TR30_D2	5.67	359.96	360.76	361.03	361.70	0.027232	4.32	0.54	0.60	1.42	2.22	1.64
F.Righellato	22.733*	Max WS	TR30_D3	5.11	359.96	360.72	360.97	361.58	0.027417	4.15	0.51	0.58	1.32	2.19	1.62
F.Righellato	22.667*	Max WS	TR30_D0.5	5.37	359.73	360.52	360.79	361.44	0.027153	4.26	0.53	0.57	1.36	2.16	1.63
F.Righellato	22.667*	Max WS	TR30_D1	5.91	359.73	360.57	360.86	361.55	0.027119	4.43	0.56	0.60	1.45	2.19	1.64
F.Righellato	22.667*	Max WS	TR30_D2	5.67	359.73	360.55	360.82	361.50	0.027138	4.35	0.55	0.59	1.41	2.17	1.64
F.Righellato	22.667*	Max WS	TR30_D3	5.11	359.73	360.50	360.76	361.39	0.027265	4.18	0.52	0.56	1.32	2.15	1.62
F.Righellato	22.600*	Max WS	TR30_D0.5	5.37	359.50	360.31	360.58	361.24	0.027095	4.30	0.54	0.56	1.35	2.11	1.63
F.Righellato	22.600*	Max WS	TR30_D1	5.91	359.50	360.36	360.65	361.36	0.027034	4.46	0.57	0.59	1.44	2.14	1.64
F.Righellato	22.600*	Max WS	TR30_D2	5.67	359.50	360.34	360.62	361.31	0.027091	4.39	0.56	0.58	1.40	2.13	1.64
F.Righellato	22.600*	Max WS	TR30_D3	5.11	359.50	360.29	360.55	361.19	0.027160	4.22	0.53	0.55	1.31	2.10	1.62
F.Righellato	22.533*	Max WS	TR30_D0.5	5.37	359.28	360.10	360.38	361.05	0.026932	4.33	0.55	0.55	1.34	2.07	1.62
F.Righellato	22.533*	Max WS	TR30_D1	5.91	359.28	360.15	360.44	361.16	0.026708	4.49	0.58	0.58	1.44	2.10	1.63
F.Righellato	22.533*	Max WS	TR30_D2	5.67	359.28	360.13	360.42	361.11	0.026829	4.42	0.57	0.57	1.40	2.09	1.63
F.Righellato	22.533*	Max WS	TR30_D3	5.11	359.28	360.08	360.35	360.99	0.026987	4.25	0.54	0.54	1.30	2.06	1.62
F.Righellato	22.467*	Max WS	TR30_D0.5	5.37	359.05	359.89	360.17	360.85	0.026730	4.36	0.57	0.55	1.34	2.03	1.62
F.Righellato	22.467*	Max WS	TR30_D1	5.91	359.05	359.94	360.24	360.97	0.026365	4.51	0.59	0.57	1.43	2.06	1.63
F.Righellato	22.467*	Max WS	TR30_D2	5.67	359.05	359.92	360.21	360.92	0.026542	4.45	0.58	0.56	1.39	2.05	1.62
F.Righellato	22.467*	Max WS	TR30_D3	5.11	359.05	359.87	360.14	360.80	0.026850	4.29	0.55	0.54	1.29	2.02	1.62
F.Righellato	22.400*	Max WS	TR30_D0.5	5.37	358.82	359.69	359.97	360.65	0.026076	4.37	0.57	0.53	1.34	1.99	1.60
F.Righellato	22.400*	Max WS	TR30_D1	5.91	358.82	359.74	360.04	360.76	0.025517	4.51	0.60	0.55	1.44	2.02	1.60
F.Righellato	22.400*	Max WS	TR30_D2	5.67	358.82	359.72	360.01	360.71	0.025760	4.45	0.59	0.55	1.39	2.01	1.60
F.Righellato	22.400*	Max WS	TR30_D3	5.11	358.82	359.67	359.94	360.60	0.026267	4.30	0.56	0.52	1.29	1.98	1.60
F.Righellato	22.333*	Max WS	TR30_D0.5	5.37	358.60	359.49	359.76	360.44	0.024784	4.35	0.58	0.52	1.35	1.95	1.57
F.Righellato	22.333*	Max WS	TR30_D1	5.91	358.60	359.55	359.83	360.55	0.023944	4.47	0.60	0.54	1.46	1.99	1.56
F.Righellato	22.333*	Max WS	TR30_D2	5.67	358.60	359.52	359.80	360.50	0.024365	4.42	0.59	0.53	1.41	1.97	1.56
F.Righellato	22.333*	Max WS	TR30_D3	5.11	358.60	359.47	359.73	360.39	0.025087	4.28	0.57	0.51	1.30	1.94	1.57
F.Righellato	22.267*	Max WS	TR30_D0.5	5.37	358.37	359.31	359.56	360.22	0.022201	4.25	0.57	0.50	1.39	1.93	1.49
F.Righellato	22.267*	Max WS	TR30_D1	5.91	358.37	359.37	359.63	360.32	0.021109	4.34	0.59	0.51	1.51	1.97	1.47
F.Righellato	22.267*	Max WS	TR30_D2	5.67	358.37	359.34	359.60	360.27	0.021671	4.31	0.58	0.51	1.46	1.95	1.48
F.Righellato	22.267*	Max WS	TR30_D3	5.11	358.37	359.28	359.53	360.16	0.022669	4.19	0.56	0.49	1.34	1.91	1.50
F.Righellato	22.200*	Max WS	TR30_D0.5	5.37	358.14	359.15	359.36	359.97	0.018332	4.05	0.56	0.47	1.48	1.92	1.37
F.Righellato	22.200*	Max WS	TR30_D1	5.91	358.14	359.22	359.43	360.07	0.017186	4.12	0.57	0.48	1.62	1.96	1.34
F.Righellato	22.200*	Max WS	TR30_D2	5.67	358.14	359.19	359.40	360.03	0.017765	4.10	0.57	0.48	1.55	1.94	1.36
F.Righellato	22.200*	Max WS	TR30_D3	5.11	358.14	359.12	359.32	359.92	0.018846	4.00	0.55	0.46	1.42	1.90	1.38
F.Righellato	22.133*	Max WS	TR30_D0.5	5.37	357.92	359.03	359.16	359.73	0.013750	3.74	0.52	0.43	1.63	1.92	1.20
F.Righellato	22.133*	Max WS	TR30_D1	5.91	357.92	359.11	359.23	359.83	0.012878	3.81	0.54	0.44	1.78	1.97	1.18
F.Righellato	22.133*	Max WS	TR30_D2	5.67	357.92	359.07	359.20	359.79	0.013318	3.79	0.53	0.43	1.71	1.95	1.19
F.Righellato	22.133*	Max WS	TR30_D3	5.11	357.92	358.99	359.12	359.68	0.014110	3.70	0.52	0.42	1.56	1.90	1.21
F.Righellato	22.067*	Max WS	TR30_D0.5	5.37	357.69	358.94	358.96	359.51	0.009677	3.40	0.49	0.39	1.83	1.95	1.02
F.Righellato	22.067*	Max WS	TR30_D1	5.91	357.69	359.02	359.03	359.62	0.009186	3.47	0.50	0.40	2.00	2.00	1.01
F.Righellato	22.067*	Max WS	TR30_D2	5.67	357.69	358.98	359.00	359.57	0.009450	3.45	0.49	0.39	1.92	1.98	1.02
F.Righellato	22.067*	Max WS	TR30_D3	5.11	357.69	358.90	358.92	359.46	0.009853	3.35	0.48	0.38	1.76	1.93	1.03
F.Righellato	22	Max WS	TR30_D0.5	5.37	357.46	358.87	358.76	359.34	0.006622	3.06	0.45	0.34	2.09	1.99	0.86
F.Righellato	22	Max WS	TR30_D1	5.91	357.46	358.96	358.84	359.45	0.006431	3.15	0.46	0.36	2.26	2.04	0.86
F.Righellato	22	Max WS	TR30_D2	5.67	357.46	358.92	358.80	359.40	0.006550	3.11	0.45	0.35	2.18	2.02	0.86
F.Righellato	22	Max WS	TR30_D3	5.11	357.46	358.83	358.72	359.28	0.006668	3.00	0.44	0.34	2.01	1.97	0.86
F.Righellato	21.80			Bridge											
F.Righellato	21.50	Max WS	TR30_D0.5	5.37	357.44	358.44	358.75	359.51	0.026416	4.63	0.65	0.50	1.29	1.74	1.60
F.Righellato	21.50	Max WS	TR30_D1	5.91	357.44	358.48	358.83	359.65	0.026744	4.83	0.68	0.53	1.37	1.77	1.62
F.Righellato	21.50	Max WS	TR30_D2	5.67	357.44	358.46	358.80	359.59	0.026580	4.74	0.67	0.52	1.34	1.76	1.61
F.Righellato	21.50	Max WS	TR30_D3	5.11	357.44	358.41	358.71	359.45	0.026298	4.54	0.63	0.49	1.25	1.73	1.59
F.Righellato	21.313*	Max WS	TR30_D0.5	5.37	357.31	358.21	358.47	359.13	0.023719	4.27	0.57	0.45	1.36	1.91	1.52
F.Righellato	21.313*	Max WS	TR30_D1	5.91	357.31	358.25	358.54	359.25	0.024003	4.45	0.59	0.47	1.45	1.93	1.54
F.Righellato	21.313*	Max WS	TR30_D2	5.67	357.31	358.23	358.51	359.20	0.023902	4.37	0.58	0.46	1.41	1.92	1.53
F.Righellato	21.313*	Max WS	TR30_D3	5.11	357.31	358.19	358.43	359.07	0.023624	4.18	0.55	0.44	1.32	1.90	1.51
F.Righellato	21.125*	Max WS	TR30_D0.5	5.37	357.18	358.00	358.22	358.81	0.021795	3.98	0.51	0.42	1.44	2.09	1.46
F.Righellato	21.125*	Max WS	TR30_D1	5.91	357.18	358.05	358.28	358.92	0.022010	4.15	0.53	0.44	1.53	2.11	1.48
F.Righellato	21.125*	Max WS	TR30_D2	5.67	357.18	358.03	358.26	358.87	0.021928	4.08	0.52	0.43	1.49	2.10	1.47
F.Righellato	21.125*	Max WS	TR30_D3	5.11	357.18	357.98	358.19	358.75	0.021697	3.90	0.50	0.41	1.40	2.08	1.45
F.Righellato	20.938*	Max WS	TR30_D0.5	5.37	357.05	357.81	358.00	358.53	0.020425	3.76	0.47	0.40	1.51	2.28	1.41
F.Righellato	20.938*	Max WS	TR30_D1	5.91	357.05	357.85	358.06	358.63	0.020606	3.91	0.49	0.42	1.61	2.30	1.43
F.Righellato	20.938*	Max WS	TR30_D2	5.67	357.05	357.84	358.03	358.58	0.020529	3.84	0.48	0.41	1.57	2.29	1.42
F.Righellato	20.938*	Max WS	TR30_D3	5.11	357.05	357.79	357.97	358.48	0.020350	3.68	0.46	0.39	1.47	2.27	1.40
F.Righellato	20.750*	Max WS	TR30_D0.5	5.37	356.92	357.63	357.79	358.28	0.019357	3.56	0.44	0.38	1.59	2.47	1.37
F.Righellato	20.750*	Max WS	TR30_D1	5.91	356.92	357.67	357.85	358.37	0.019547	3.71	0.46	0.40	1.68	2.49	1.39
F.Righellato	20.750*	Max WS	TR30_D2	5.67	356.92	357.65	357.82	358.33	0.019468	3.65	0.45	0.39	1.64	2.49	1.38
F.Righellato	20.750*	Max WS	TR30_D3	5.11	356.92	357.61	357.76	358.23	0.019283	3.49	0.43	0.37	1.54	2.46	1.36
F.Righellato	20.563*	Max WS	TR30_D0.5	5.37	356.79	357.46	357.60	358.05	0.018671	3.41	0.42	0.38	1.65	2.67	1.34
F.Righellato	20.563*	Max WS	TR30_D1	5.91	356.79	357.50	357.65	358.14	0.018810	3.55	0.44	0.39	1.75	2.69	1.36
F.Righellato	20.563*	Max WS	TR30_D2	5.67	356.79	357.48	357.63	358.10	0.018773	3.49	0.43	0.39	1.71	2.68	1.35

HEC-RAS River: F.Righellato Reach: F.Righellato Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
F.Righellato	20.563*	Max WS	TR30_D3	5.11	356.79	357.44	357.58	358.01	0.018599	3.34	0.41	0.37	1.60	2.66	1.33
F.Righellato	20.375*	Max WS	TR30_D0.5	5.37	356.66	357.29	357.42	357.84	0.018243	3.28	0.40	0.37	1.71	2.88	1.32
F.Righellato	20.375*	Max WS	TR30_D1	5.91	356.66	357.33	357.47	357.92	0.018422	3.42	0.42	0.39	1.81	2.89	1.34
F.Righellato	20.375*	Max WS	TR30_D2	5.67	356.66	357.31	357.45	357.89	0.018371	3.36	0.41	0.38	1.76	2.89	1.33
F.Righellato	20.375*	Max WS	TR30_D3	5.11	356.66	357.28	357.40	357.80	0.018284	3.22	0.39	0.36	1.66	2.87	1.32
F.Righellato	20.188*	Max WS	TR30_D0.5	5.37	356.53	357.13	357.25	357.65	0.018597	3.21	0.39	0.38	1.74	3.08	1.33
F.Righellato	20.188*	Max WS	TR30_D1	5.91	356.53	357.16	357.30	357.73	0.018654	3.34	0.41	0.39	1.85	3.10	1.34
F.Righellato	20.188*	Max WS	TR30_D2	5.67	356.53	357.15	357.28	357.69	0.018716	3.29	0.40	0.39	1.80	3.09	1.34
F.Righellato	20.188*	Max WS	TR30_D3	5.11	356.53	357.11	357.23	357.61	0.018877	3.16	0.39	0.37	1.68	3.07	1.33
F.Righellato	20	Max WS	TR30_D0.5	5.37	356.40	356.95	357.08	357.48	0.021126	3.25	0.40	0.40	1.72	3.28	1.40
F.Righellato	20	Max WS	TR30_D1	5.91	356.40	356.98	357.13	357.55	0.020664	3.35	0.41	0.41	1.84	3.29	1.40
F.Righellato	20	Max WS	TR30_D2	5.67	356.40	356.96	357.11	357.53	0.021335	3.33	0.41	0.41	1.77	3.28	1.41
F.Righellato	20	Max WS	TR30_D3	5.11	356.40	356.92	357.06	357.46	0.023460	3.28	0.40	0.40	1.62	3.26	1.46
F.Righellato	18.750*	Max WS	TR30_D0.5	5.37	356.18	356.80	356.90	357.29	0.016848	3.12	0.41	0.57	1.83	3.23	1.27
F.Righellato	18.750*	Max WS	TR30_D1	5.91	356.18	356.84	356.95	357.36	0.016498	3.22	0.42	0.58	1.96	3.27	1.27
F.Righellato	18.750*	Max WS	TR30_D2	5.67	356.18	356.81	356.93	357.34	0.017472	3.22	0.42	0.58	1.88	3.25	1.30
F.Righellato	18.750*	Max WS	TR30_D3	4.95	356.18	356.75	356.87	357.24	0.018936	3.13	0.41	0.57	1.68	3.19	1.33
F.Righellato	17.500*	Max WS	TR30_D0.5	5.29	355.96	356.68	356.73	357.10	0.012192	2.90	0.41	0.60	2.00	3.20	1.10
F.Righellato	17.500*	Max WS	TR30_D1	5.90	355.96	356.72	356.79	357.19	0.012494	3.05	0.43	0.64	2.13	3.25	1.13
F.Righellato	17.500*	Max WS	TR30_D2	5.67	355.96	356.69	356.77	357.16	0.013549	3.08	0.43	0.64	2.02	3.21	1.17
F.Righellato	17.500*	Max WS	TR30_D3	4.93	355.96	356.62	356.70	357.07	0.014793	3.00	0.41	0.62	1.79	3.13	1.20
F.Righellato	16.250*	Max WS	TR30_D0.5	5.27	355.74	356.60	356.58	356.96	0.008856	2.72	0.41	0.61	2.21	3.22	0.96
F.Righellato	16.250*	Max WS	TR30_D1	5.90	355.74	356.64	356.64	357.05	0.009498	2.90	0.44	0.65	2.33	3.26	1.00
F.Righellato	16.250*	Max WS	TR30_D2	5.66	355.74	356.60	356.62	357.02	0.010412	2.94	0.44	0.66	2.19	3.21	1.04
F.Righellato	16.250*	Max WS	TR30_D3	4.74	355.74	356.52	356.53	356.89	0.010325	2.74	0.41	0.61	1.95	3.11	1.02
F.Righellato	15	Max WS	TR30_D0.5	5.27	355.52	356.54		356.87	0.006845	2.60	0.43	0.62	2.43	3.27	0.86
F.Righellato	15	Max WS	TR30_D1	5.89	355.52	356.57	356.52	356.95	0.007602	2.81	0.46	0.67	2.54	3.32	0.91
F.Righellato	15	Max WS	TR30_D2	5.65	355.52	356.52	356.50	356.91	0.008401	2.85	0.47	0.68	2.38	3.25	0.95
F.Righellato	15	Max WS	TR30_D3	4.73	355.52	356.44	356.40	356.78	0.007944	2.62	0.42	0.62	2.13	3.14	0.91
F.Righellato	14.167*	Max WS	TR30_D0.5	5.26	355.31	356.49		356.71	0.003698	2.15	0.54	0.48	3.25	4.09	0.65
F.Righellato	14.167*	Max WS	TR30_D1	5.90	355.31	356.52		356.77	0.004268	2.35	0.59	0.52	3.36	4.15	0.70
F.Righellato	14.167*	Max WS	TR30_D2	5.49	355.31	356.47		356.71	0.004389	2.31	0.58	0.51	3.14	4.02	0.71
F.Righellato	14.167*	Max WS	TR30_D3	4.72	355.31	356.39		356.61	0.004178	2.15	0.54	0.47	2.85	3.87	0.68
F.Righellato	13.333*	Max WS	TR30_D0.5	5.43	355.10	356.51		356.64	0.001906	1.76	0.47	0.37	4.65	5.50	0.49
F.Righellato	13.333*	Max WS	TR30_D1	6.13	355.10	356.53		356.69	0.002288	1.95	0.52	0.41	4.76	5.60	0.53
F.Righellato	13.333*	Max WS	TR30_D2	5.67	355.10	356.47		356.63	0.002281	1.90	0.51	0.40	4.47	5.35	0.53
F.Righellato	13.333*	Max WS	TR30_D3	4.72	355.10	356.41		356.53	0.001878	1.67	0.46	0.35	4.15	5.08	0.48
F.Righellato	12.500*	Max WS	TR30_D0.5	5.44	354.90	356.53		356.61	0.000964	1.40	0.37	0.28	6.78	7.96	0.36
F.Righellato	12.500*	Max WS	TR30_D1	6.14	354.90	356.56		356.65	0.001150	1.55	0.41	0.31	6.97	8.02	0.39
F.Righellato	12.500*	Max WS	TR30_D2	5.68	354.90	356.50		356.59	0.001150	1.51	0.40	0.30	6.52	7.88	0.39
F.Righellato	12.500*	Max WS	TR30_D3	4.72	354.90	356.43		356.51	0.000954	1.34	0.34	0.26	6.01	7.61	0.35
F.Righellato	11.667*	Max WS	TR30_D0.5	5.02	354.69	356.56		356.59	0.000410	1.01	0.29	0.18	9.85	10.73	0.24
F.Righellato	11.667*	Max WS	TR30_D1	5.64	354.69	356.58		356.63	0.000483	1.11	0.32	0.19	10.18	11.11	0.26
F.Righellato	11.667*	Max WS	TR30_D2	5.34	354.69	356.53		356.57	0.000498	1.10	0.32	0.20	9.54	10.35	0.26
F.Righellato	11.667*	Max WS	TR30_D3	4.55	354.69	356.45		356.49	0.000436	1.00	0.28	0.18	8.79	10.01	0.24
F.Righellato	10.833*	Max WS	TR30_D0.5	1.53	354.48	356.58		356.59	0.000019	0.23	0.07	0.05	14.26	12.60	0.05
F.Righellato	10.833*	Max WS	TR30_D1	1.68	354.48	356.62		356.62	0.000021	0.25	0.08	0.05	14.70	12.60	0.05
F.Righellato	10.833*	Max WS	TR30_D2	2.24	354.48	356.56		356.56	0.000042	0.35	0.11	0.07	13.92	12.60	0.08
F.Righellato	10.833*	Max WS	TR30_D3	2.40	354.48	356.48		356.48	0.000059	0.40	0.12	0.08	12.90	12.60	0.09
F.Righellato	10	Max WS	TR30_D0.5	1.51	354.27	355.71	354.65	355.72	0.000092	0.41	0.14	0.05	6.75	8.96	0.11
F.Righellato	10	Max WS	TR30_D1	1.51	354.27	355.71	354.66	355.72	0.000093	0.41	0.14	0.05	6.75	8.96	0.11
F.Righellato	10	Max WS	TR30_D2	1.52	354.27	355.71	354.66	355.72	0.000094	0.41	0.14	0.05	6.75	8.96	0.11
F.Righellato	10	Max WS	TR30_D3	1.53	354.27	355.71	354.66	355.72	0.000095	0.41	0.14	0.05	6.75	8.96	0.11

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "AV851"

AV851

MODELLAZIONE PER TR=30 e 200 ANNI

DURATA DI PIOGGIA: 0.5, 1 e 2 h

Profilo longitudinale

Sezioni Trasversali

Dati idraulici

ALLEGATI

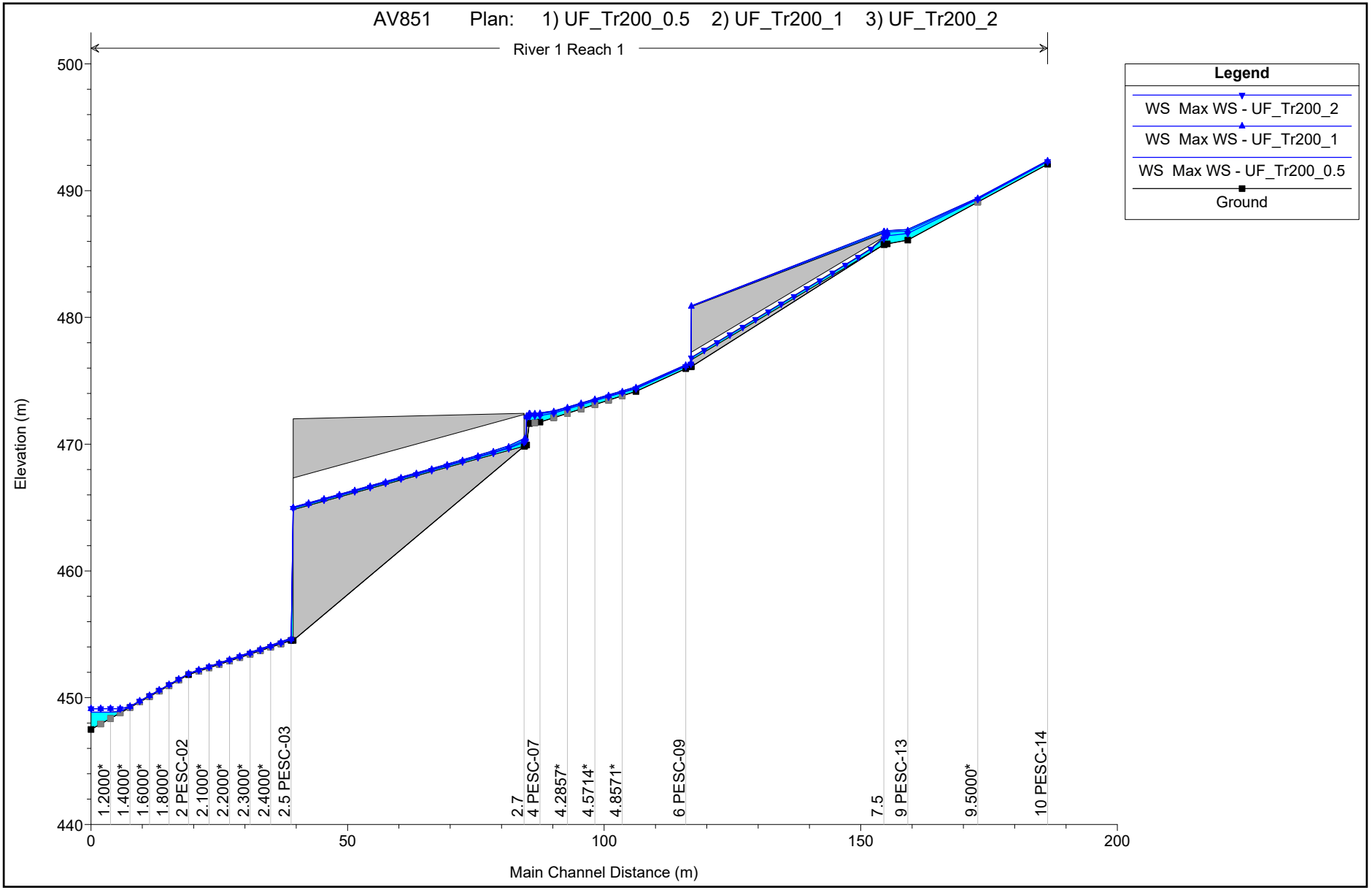
MODELLAZIONE HEC-RAS 5.0.7 "AV851"

AV851

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 0.5, 1 e 2 h

Profilo longitudinale


AV851 Plan: 1) UF_Tr200_0.5 2) UF_Tr200_1 3) UF_Tr200_2
River 1 Reach 1
Legend
WS Max WS - UF_Tr200_2
WS Max WS - UF_Tr200_1
WS Max WS - UF_Tr200_0.5
Ground
Elevation (m)
Main Channel Distance (m)
500
490
480
470
460
450
440
0
50
100
150
200
1.2000*
1.4000*
1.6000*
1.8000*
2 PESC-02
2.1000*
2.2000*
2.3000*
2.4000*
2.5 PESC-03
2.7
4 PESC-07
4.2857*
4.5714*
4.8571*
6 PESC-09
7.5
9 PESC-13
9.5000*
10 PESC-14

ALLEGATI

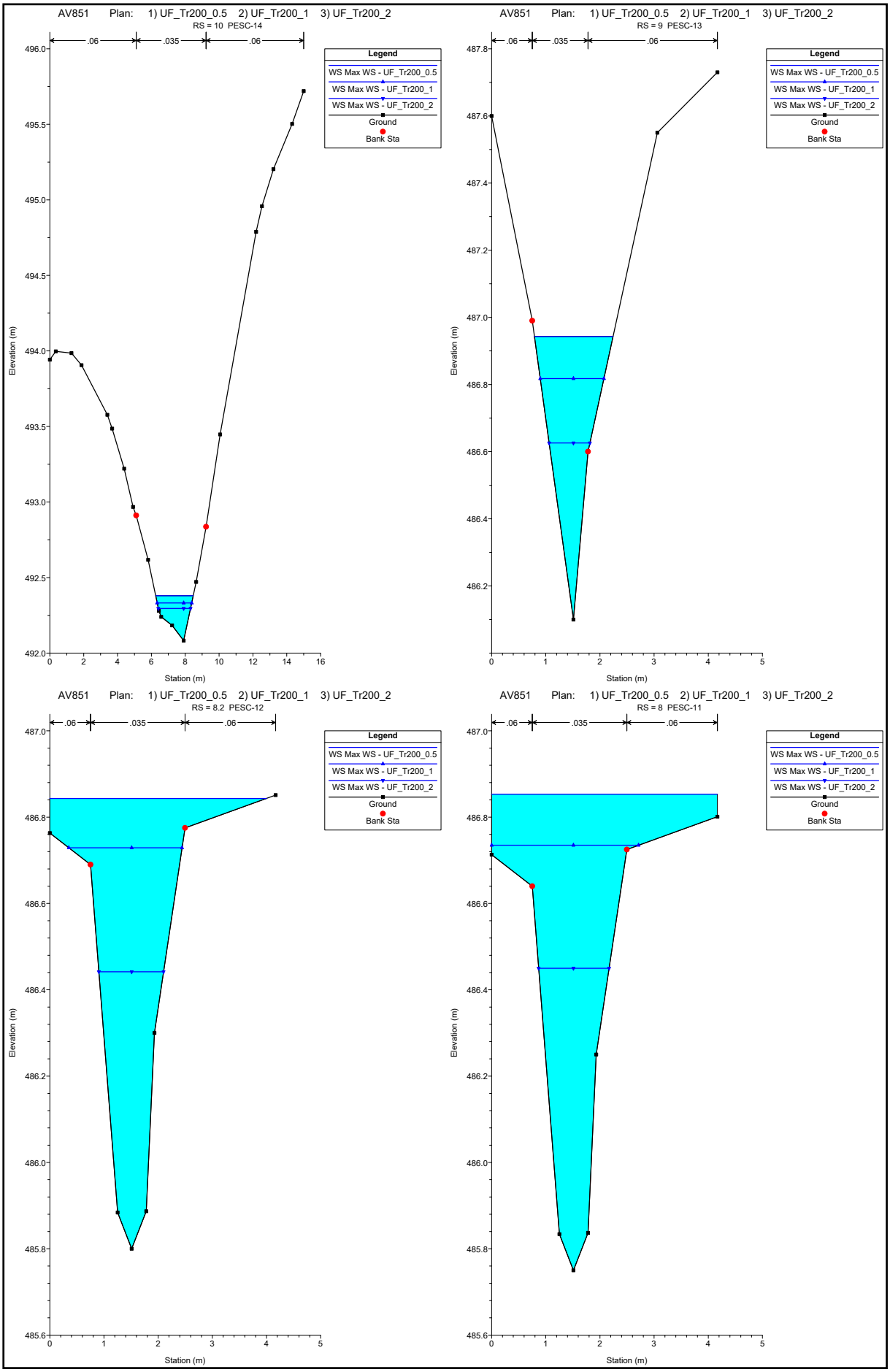
MODELLAZIONE HEC-RAS 5.0.7 "AV851"

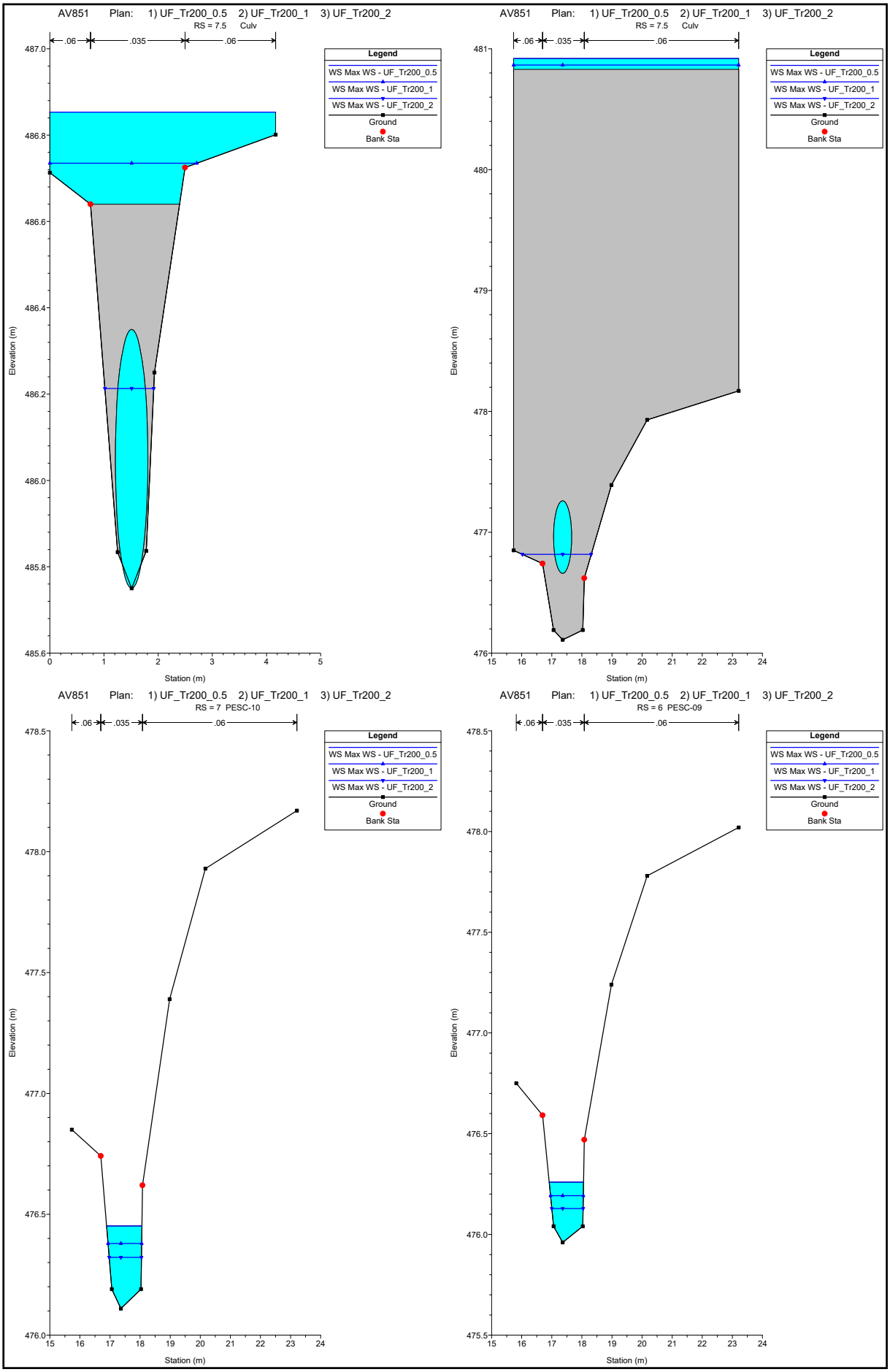
AV851

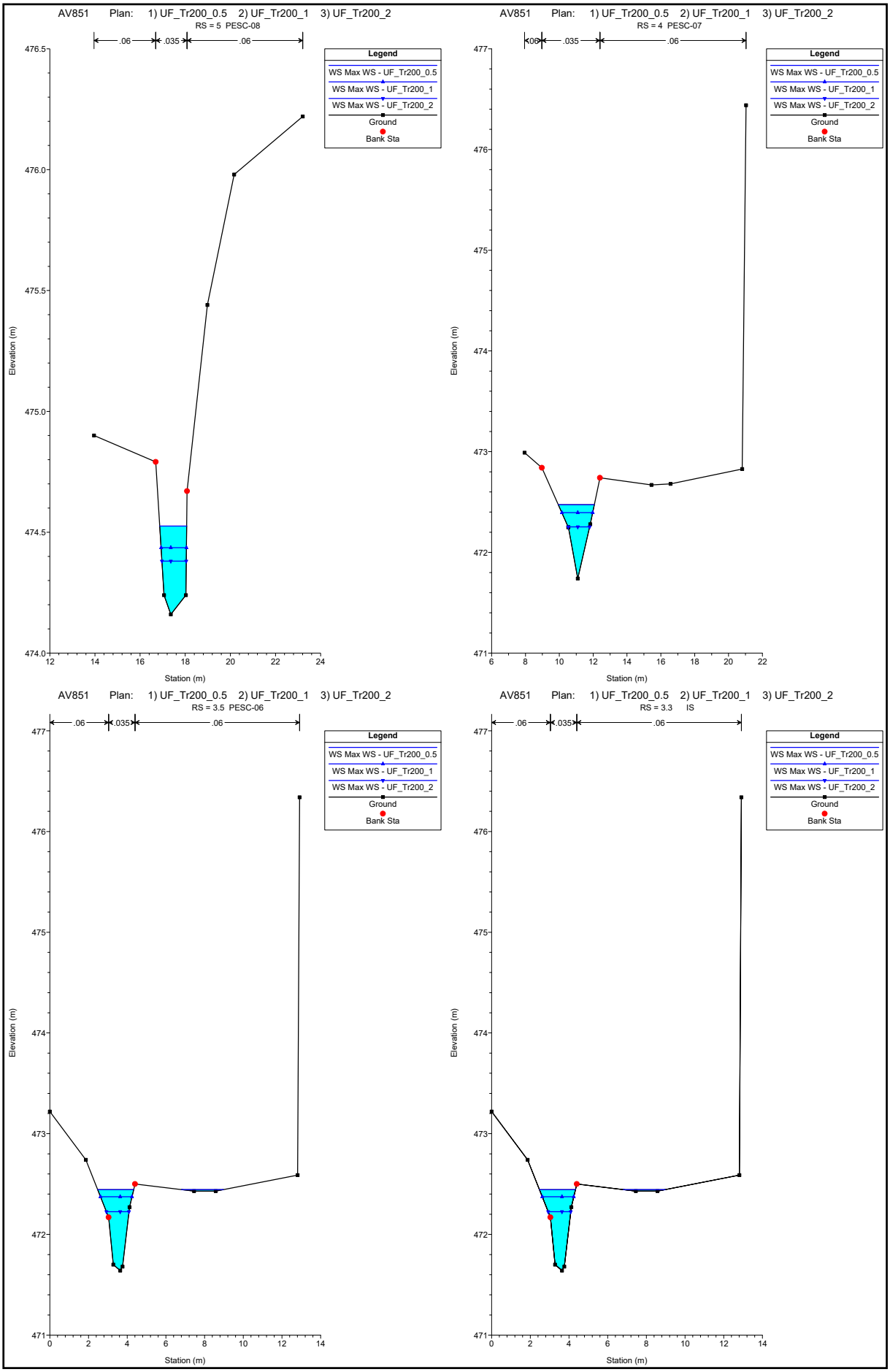
MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 0.5, 1 e 2 h

Sezioni Trasversali (da monte verso valle)


AV851 Plan: 1) UF_Tr200_0.5 2) UF_Tr200_1 3) UF_Tr200_2
RS = 10 PESC-14
.06
.035
.06
Legend
WS Max WS - UF_Tr200_0.5
WS Max WS - UF_Tr200_1
WS Max WS - UF_Tr200_2
Ground
Bank Sta
Elevation (m)
Station (m)
AV851 Plan: 1) UF_Tr200_0.5 2) UF_Tr200_1 3) UF_Tr200_2
RS = 9 PESC-13
.06
.035
.06
Legend
WS Max WS - UF_Tr200_0.5
WS Max WS - UF_Tr200_1
WS Max WS - UF_Tr200_2
Ground
Bank Sta
Elevation (m)
Station (m)
AV851 Plan: 1) UF_Tr200_0.5 2) UF_Tr200_1 3) UF_Tr200_2
RS = 8.2 PESC-12
.06
.035
.06
Legend
WS Max WS - UF_Tr200_0.5
WS Max WS - UF_Tr200_1
WS Max WS - UF_Tr200_2
Ground
Bank Sta
Elevation (m)
Station (m)
AV851 Plan: 1) UF_Tr200_0.5 2) UF_Tr200_1 3) UF_Tr200_2
RS = 8 PESC-11
.06
.035
.06
Legend
WS Max WS - UF_Tr200_0.5
WS Max WS - UF_Tr200_1
WS Max WS - UF_Tr200_2
Ground
Bank Sta
Elevation (m)
Station (m)


AV851 Plan: 1) UF_Tr200_0.5 2) UF_Tr200_1 3) UF_Tr200_2
RS = 7.5 Culv
.06
.035
.06
Legend
WS Max WS - UF_Tr200_0.5
WS Max WS - UF_Tr200_1
WS Max WS - UF_Tr200_2
Ground
Bank Sta
Elevation (m)
Station (m)
AV851 Plan: 1) UF_Tr200_0.5 2) UF_Tr200_1 3) UF_Tr200_2
RS = 7.5 Culv
.06
.035
.06
Legend
WS Max WS - UF_Tr200_0.5
WS Max WS - UF_Tr200_1
WS Max WS - UF_Tr200_2
Ground
Bank Sta
Elevation (m)
Station (m)
AV851 Plan: 1) UF_Tr200_0.5 2) UF_Tr200_1 3) UF_Tr200_2
RS = 7 PESC-10
.06
.035
.06
Legend
WS Max WS - UF_Tr200_0.5
WS Max WS - UF_Tr200_1
WS Max WS - UF_Tr200_2
Ground
Bank Sta
Elevation (m)
Station (m)
AV851 Plan: 1) UF_Tr200_0.5 2) UF_Tr200_1 3) UF_Tr200_2
RS = 6 PESC-09
.06
.035
.06
Legend
WS Max WS - UF_Tr200_0.5
WS Max WS - UF_Tr200_1
WS Max WS - UF_Tr200_2
Ground
Bank Sta
Elevation (m)
Station (m)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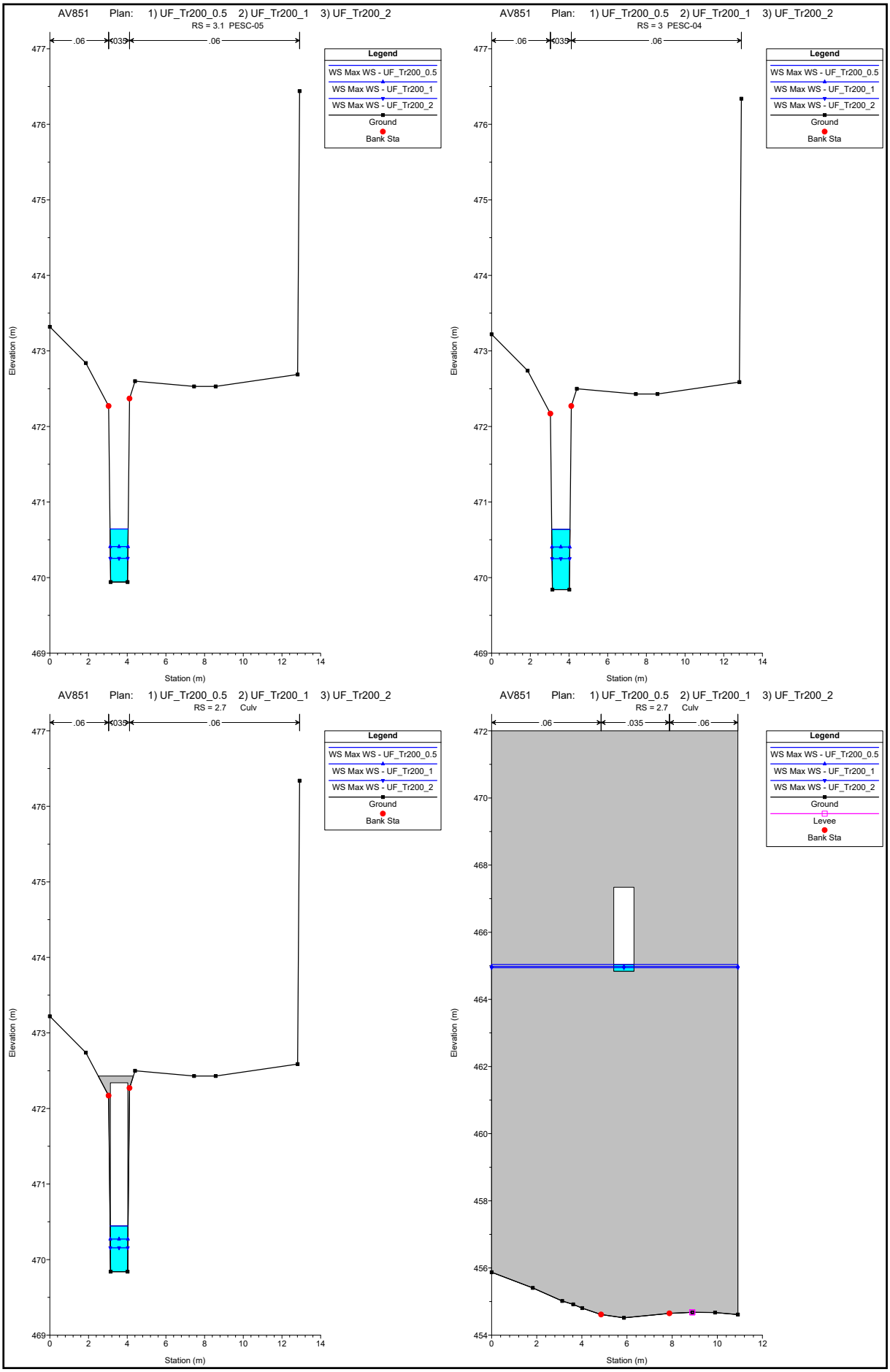
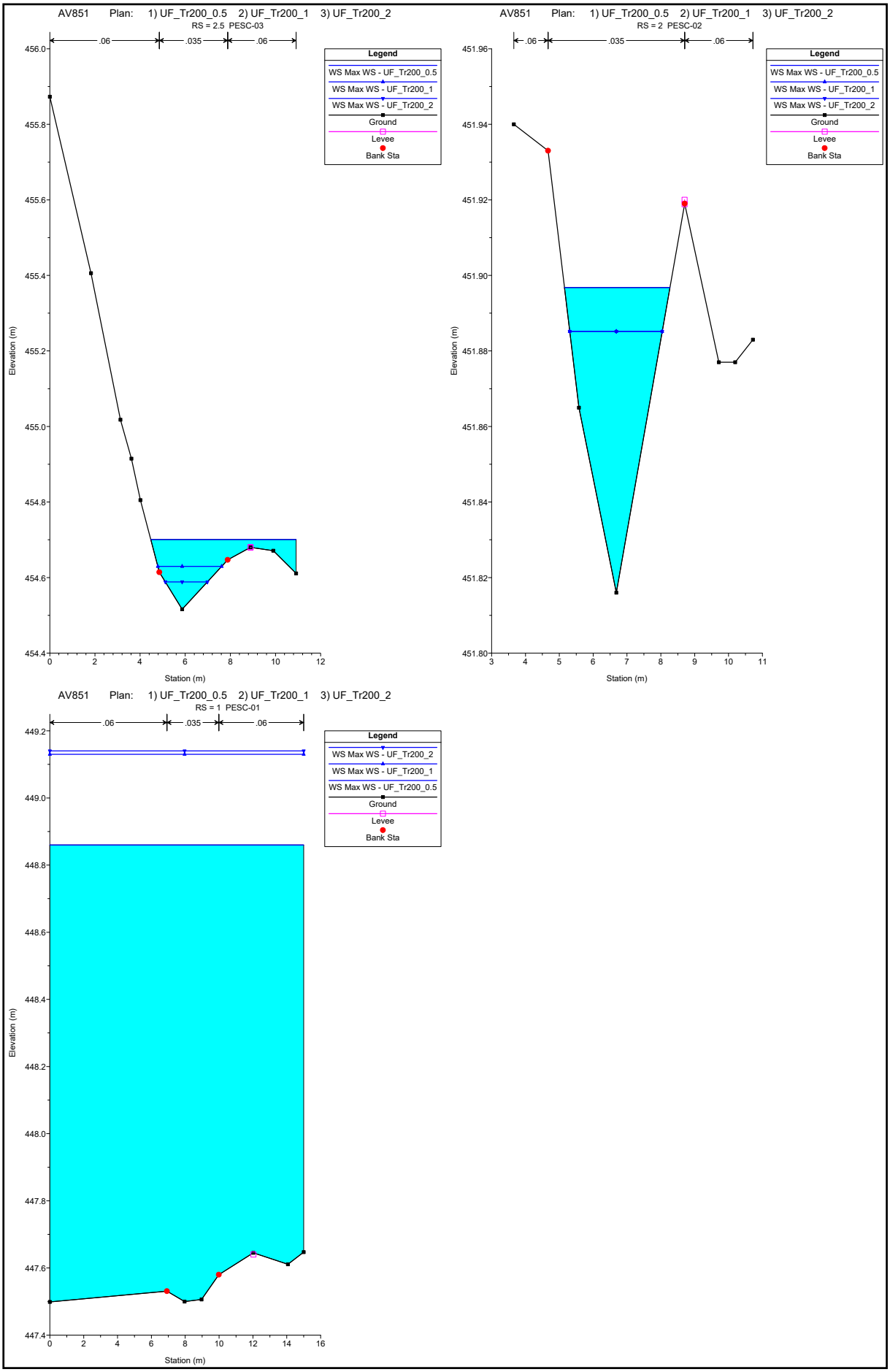
RS = 5 PESC-08
.06
.035
.06
Legend
WS Max WS - UF_Tr200_0.5
WS Max WS - UF_Tr200_1
WS Max WS - UF_Tr200_2
Ground
Bank Sta
Elevation (m)
Station (m)
AV851 Plan: 1) UF_Tr200_0.5 2) UF_Tr200_1 3) UF_Tr200_2
RS = 4 PESC-07
.06
.035
.06
Legend
WS Max WS - UF_Tr200_0.5
WS Max WS - UF_Tr200_1
WS Max WS - UF_Tr200_2
Ground
Bank Sta
Elevation (m)
Station (m)
AV851 Plan: 1) UF_Tr200_0.5 2) UF_Tr200_1 3) UF_Tr200_2
RS = 3.5 PESC-06
.06
.035
.06
Legend
WS Max WS - UF_Tr200_0.5
WS Max WS - UF_Tr200_1
WS Max WS - UF_Tr200_2
Ground
Bank Sta
Elevation (m)
Station (m)
AV851 Plan: 1) UF_Tr200_0.5 2) UF_Tr200_1 3) UF_Tr200_2
RS = 3.3 IS
.06
.035
.06
Legend
WS Max WS - UF_Tr200_0.5
WS Max WS - UF_Tr200_1
WS Max WS - UF_Tr200_2
Ground
Bank Sta
Elevation (m)
Station (m)


AV851 Plan: 1) UF_Tr200_0.5 2) UF_Tr200_1 3) UF_Tr200_2
RS = 3.1 PESC-05
.06
.039
.06
Legend
WS Max WS - UF_Tr200_0.5
WS Max WS - UF_Tr200_1
WS Max WS - UF_Tr200_2
Ground
Bank Sta
Elevation (m)
Station (m)
AV851 Plan: 1) UF_Tr200_0.5 2) UF_Tr200_1 3) UF_Tr200_2
RS = 3 PESC-04
.06
.039
.06
Legend
WS Max WS - UF_Tr200_0.5
WS Max WS - UF_Tr200_1
WS Max WS - UF_Tr200_2
Ground
Bank Sta
Elevation (m)
Station (m)
AV851 Plan: 1) UF_Tr200_0.5 2) UF_Tr200_1 3) UF_Tr200_2
RS = 2.7 Culv
.06
.039
.06
Legend
WS Max WS - UF_Tr200_0.5
WS Max WS - UF_Tr200_1
WS Max WS - UF_Tr200_2
Ground
Bank Sta
Elevation (m)
Station (m)
AV851 Plan: 1) UF_Tr200_0.5 2) UF_Tr200_1 3) UF_Tr200_2
RS = 2.7 Culv
.06
.035
.06
Legend
WS Max WS - UF_Tr200_0.5
WS Max WS - UF_Tr200_1
WS Max WS - UF_Tr200_2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)


AV851 Plan: 1) UF_Tr200_0.5 2) UF_Tr200_1 3) UF_Tr200_2
RS = 2.5 PESC-03
.06
.035
.06
Legend
WS Max WS - UF_Tr200_0.5
WS Max WS - UF_Tr200_1
WS Max WS - UF_Tr200_2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
AV851 Plan: 1) UF_Tr200_0.5 2) UF_Tr200_1 3) UF_Tr200_2
RS = 2 PESC-02
.06
.035
.06
Legend
WS Max WS - UF_Tr200_0.5
WS Max WS - UF_Tr200_1
WS Max WS - UF_Tr200_2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
AV851 Plan: 1) UF_Tr200_0.5 2) UF_Tr200_1 3) UF_Tr200_2
RS = 1 PESC-01
.06
.035
.06
Legend
WS Max WS - UF_Tr200_2
WS Max WS - UF_Tr200_1
WS Max WS - UF_Tr200_0.5
Ground
Levee
Bank Sta
Elevation (m)
Station (m)

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "AV851"

AV851

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 0.5, 1 e 2 h

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HEC-RAS River: River 1 Reach: Reach 1 Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Reach 1	10	Max WS	UF_Tr200_0.5	1.30	492.08	492.38	492.54	492.96	0.152449	3.37			0.39	2.22	2.57
Reach 1	10	Max WS	UF_Tr200_1	0.80	492.08	492.33	492.45	492.73	0.140797	2.81			0.29	2.04	2.40
Reach 1	10	Max WS	UF_Tr200_2	0.50	492.08	492.30	492.38	492.58	0.132268	2.35			0.21	1.90	2.25
Reach 1	9.49			Lat Struct											
Reach 1	9.48			Lat Struct											
Reach 1	9	Max WS	UF_Tr200_0.5	1.30	486.10	486.94	487.02	487.28	0.047326	2.64		0.97	0.54	1.45	1.23
Reach 1	9	Max WS	UF_Tr200_1	0.80	486.10	486.82	486.87	487.07	0.044160	2.25		0.69	0.38	1.18	1.15
Reach 1	9	Max WS	UF_Tr200_2	0.50	486.10	486.63	486.74	486.97	0.101228	2.60		0.25	0.19	0.75	1.60
Reach 1	8.2	Max WS	UF_Tr200_0.5	1.29	485.80	486.84		486.91	0.005382	1.15	0.27	0.13	1.23	4.00	0.46
Reach 1	8.2	Max WS	UF_Tr200_1	0.80	485.80	486.73		486.77	0.004069	0.89	0.08		0.90	2.09	0.39
Reach 1	8.2	Max WS	UF_Tr200_2	0.50	485.80	486.44		486.50	0.008306	1.05			0.48	1.19	0.53
Reach 1	8	Max WS	UF_Tr200_0.5	1.28	485.75	486.85		486.90	0.003681	1.01	0.28	0.20	1.48	4.17	0.39
Reach 1	8	Max WS	UF_Tr200_1	0.80	485.75	486.73		486.77	0.002964	0.80	0.13	0.03	1.04	2.71	0.34
Reach 1	8	Max WS	UF_Tr200_2	0.50	485.75	486.45		486.49	0.005777	0.91			0.55	1.30	0.45
Reach 1	7.5			Culvert											
Reach 1	7	Max WS	UF_Tr200_0.5	1.28	476.11	476.45	476.68	477.27	0.163830	4.01			0.32	1.17	2.46
Reach 1	7	Max WS	UF_Tr200_1	0.80	476.11	476.38	476.54	476.96	0.150919	3.39			0.24	1.12	2.35
Reach 1	7	Max WS	UF_Tr200_2	0.50	476.11	476.32	476.44	476.75	0.146979	2.89			0.17	1.07	2.30
Reach 1	6.99			Lat Struct											
Reach 1	6	Max WS	UF_Tr200_0.5	1.29	475.96	476.26	476.53	477.42	0.265820	4.77			0.27	1.14	3.13
Reach 1	6	Max WS	UF_Tr200_1	0.80	475.96	476.19	476.39	477.05	0.262763	4.10			0.20	1.09	3.09
Reach 1	6	Max WS	UF_Tr200_2	0.50	475.96	476.13	476.29	476.92	0.368662	3.93			0.13	1.04	3.59
Reach 1	5	Max WS	UF_Tr200_0.5	1.29	474.16	474.53	474.73	475.23	0.130431	3.70			0.35	1.19	2.19
Reach 1	5	Max WS	UF_Tr200_1	0.80	474.16	474.44	474.59	474.98	0.137522	3.28			0.24	1.12	2.25
Reach 1	5	Max WS	UF_Tr200_2	0.50	474.16	474.38	474.49	474.76	0.125136	2.74			0.18	1.08	2.13
Reach 1	4	Max WS	UF_Tr200_0.5	1.26	471.74	472.47	472.47	472.64	0.023181	1.80			0.70	2.13	1.01
Reach 1	4	Max WS	UF_Tr200_1	0.80	471.74	472.39		472.51	0.017983	1.48			0.54	1.83	0.86
Reach 1	4	Max WS	UF_Tr200_2	0.50	471.74	472.25	472.25	472.38	0.025743	1.55			0.32	1.27	0.98
Reach 1	3.5	Max WS	UF_Tr200_0.5	1.08	471.64	472.44	472.31	472.56	0.011725	1.52	0.45	0.09	0.79	4.03	0.67
Reach 1	3.5	Max WS	UF_Tr200_1	0.80	471.64	472.37	472.21	472.46	0.009886	1.32	0.34		0.64	1.63	0.60
Reach 1	3.5	Max WS	UF_Tr200_2	0.50	471.64	472.23	472.08	472.29	0.010153	1.17	0.14		0.43	1.17	0.58
Reach 1	3.3			Inl Struct											
Reach 1	3.1	Max WS	UF_Tr200_0.5	1.33	469.94	470.64		470.86	0.028868	2.08			0.64	0.94	0.80
Reach 1	3.1	Max WS	UF_Tr200_1	0.80	469.94	470.41		470.59	0.030830	1.89			0.42	0.92	0.89
Reach 1	3.1	Max WS	UF_Tr200_2	0.50	469.94	470.26	470.26	470.42	0.036315	1.78			0.28	0.91	1.02
Reach 1	3	Max WS	UF_Tr200_0.5	1.33	469.84	470.64		470.81	0.020730	1.82			0.73	0.95	0.66
Reach 1	3	Max WS	UF_Tr200_1	0.80	469.84	470.40		470.53	0.018753	1.57			0.51	0.93	0.68
Reach 1	3	Max WS	UF_Tr200_2	0.50	469.84	470.25		470.34	0.017440	1.36			0.37	0.91	0.68
Reach 1	2.7			Culvert											
Reach 1	2.5	Max WS	UF_Tr200_0.5	1.33	454.52	454.70	454.80	455.17	0.200621	3.19	0.91	0.87	0.52	6.44	2.88
Reach 1	2.5	Max WS	UF_Tr200_1	0.80	454.52	454.63	454.75	455.83	1.239495	4.85	0.72		0.17	2.83	6.34
Reach 1	2.5	Max WS	UF_Tr200_2	0.50	454.52	454.59	454.72	457.37	5.594114	7.39			0.07	1.86	12.39
Reach 1	2.44			Lat Struct											
Reach 1	2.43			Lat Struct											
Reach 1	2	Max WS	UF_Tr200_0.5	1.18	451.82	451.90	452.04	455.89	6.452487	8.85			0.13	3.11	13.69
Reach 1	2	Max WS	UF_Tr200_1	0.77	451.82	451.89	452.00	454.98	6.205452	7.79			0.10	2.73	13.06
Reach 1	2	Max WS	UF_Tr200_2	0.77	451.82	451.89	452.00	454.98	6.205452	7.79			0.10	2.73	13.06
Reach 1	1	Max WS	UF_Tr200_0.5	-0.45	447.50	448.86	447.58	448.86	0.000001	-0.04	-0.02	-0.02	19.62	15.00	0.01
Reach 1	1	Max WS	UF_Tr200_1	-2.59	447.50	449.13	447.71	449.13	0.000022	-0.18	-0.09	-0.09	23.67	15.00	0.05
Reach 1	1	Max WS	UF_Tr200_2	-2.68	447.50	449.14	447.72	449.14	0.000023	-0.19	-0.10	-0.09	23.82	15.00	0.05

ALLEGATI

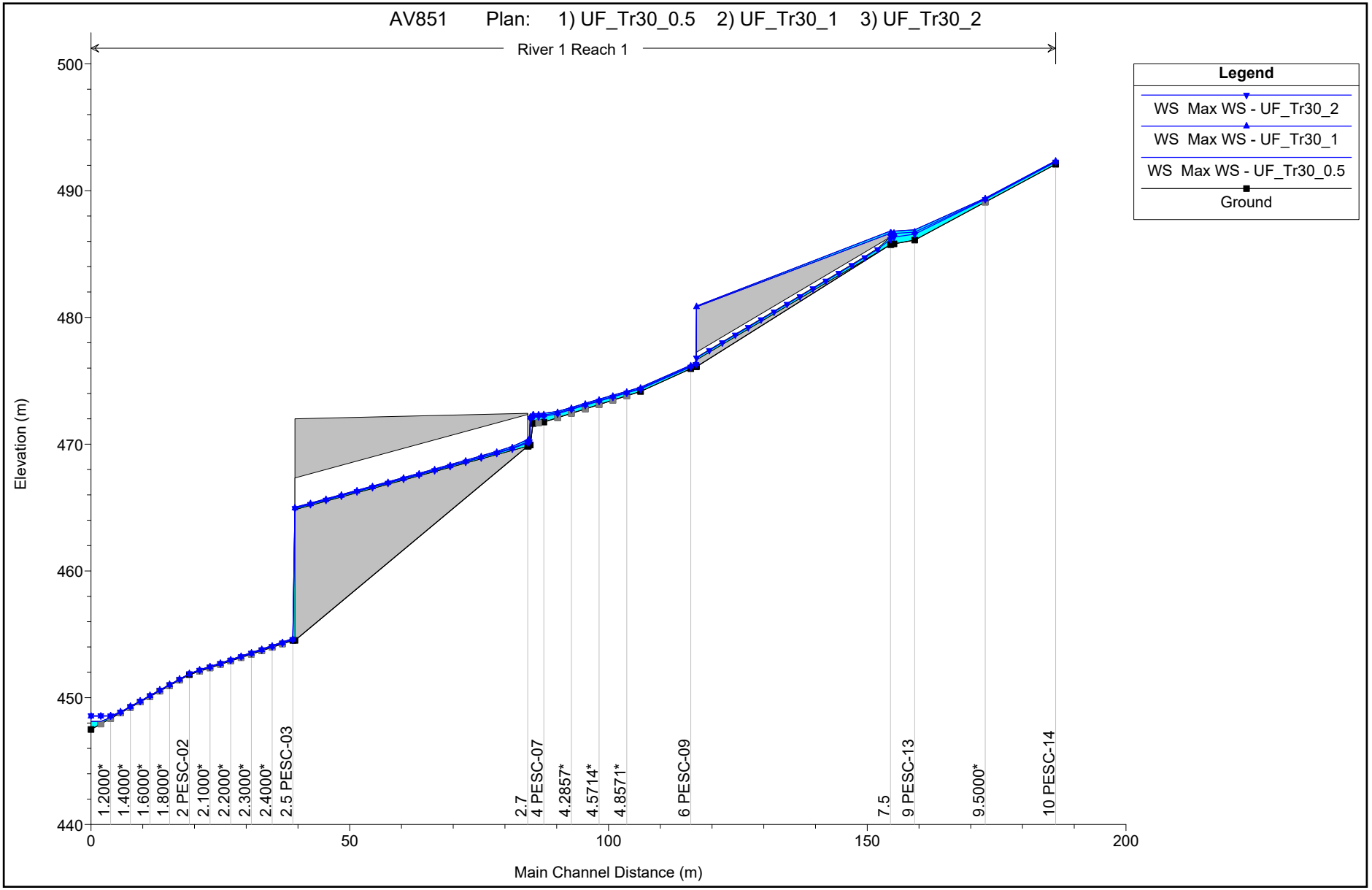
MODELLAZIONE HEC-RAS 5.0.7 "AV851"

AV851

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 0.5, 1 e 2 h

Profilo longitudinale


AV851 Plan: 1) UF_Tr30_0.5 2) UF_Tr30_1 3) UF_Tr30_2
River 1 Reach 1
Legend
WS Max WS - UF_Tr30_2
WS Max WS - UF_Tr30_1
WS Max WS - UF_Tr30_0.5
Ground
Elevation (m)
Main Channel Distance (m)
500
490
480
470
460
450
440
0
50
100
150
200
1.2000*
1.4000*
1.6000*
1.8000*
2 PESC-02
2.1000*
2.2000*
2.3000*
2.4000*
2.5 PESC-03
2.7
4 PESC-07
4.2857*
4.5714*
4.8571*
6 PESC-09
7.5
9 PESC-13
9.5000*
10 PESC-14

ALLEGATI

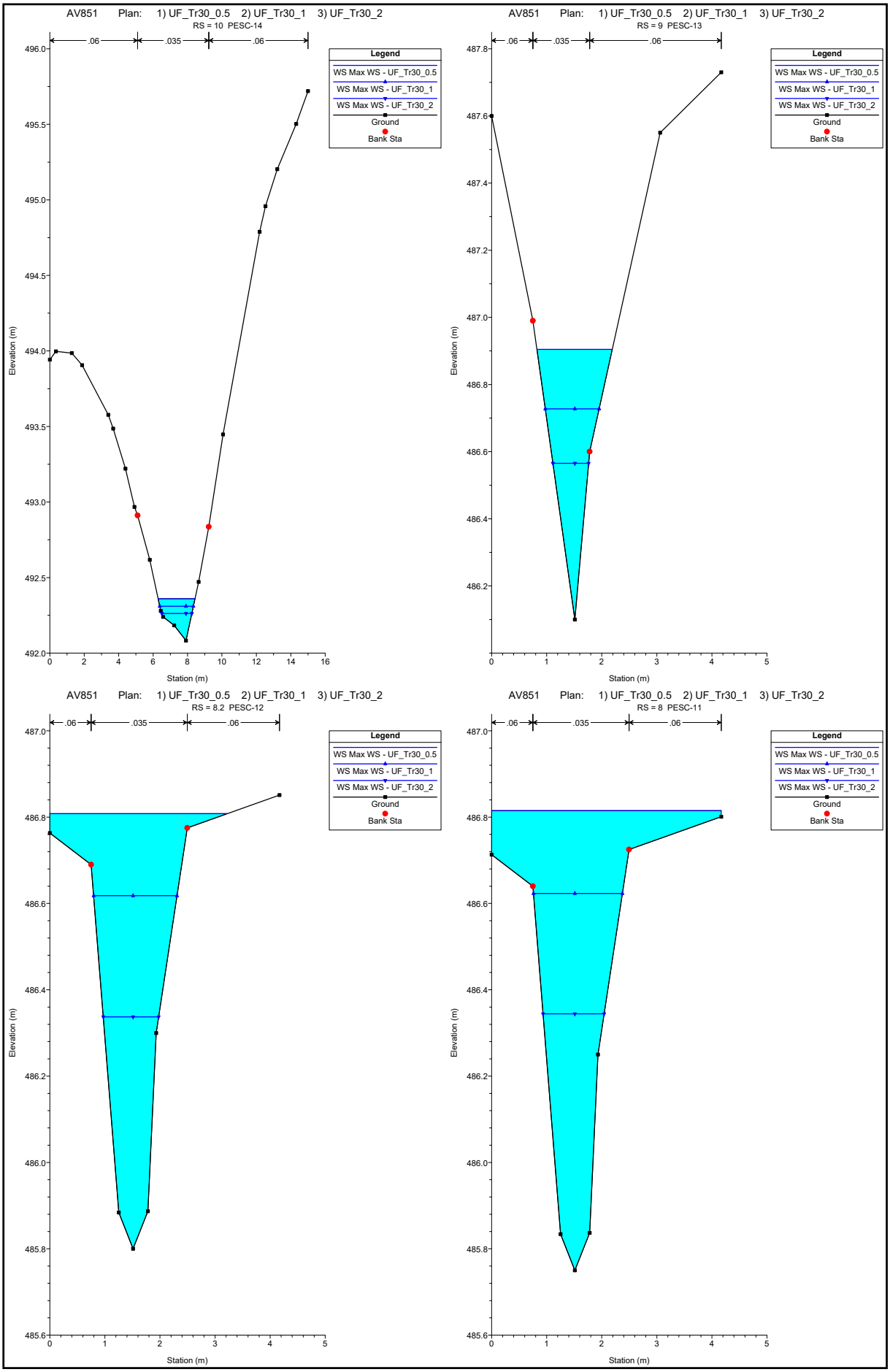
MODELLAZIONE HEC-RAS 5.0.7 "AV851"

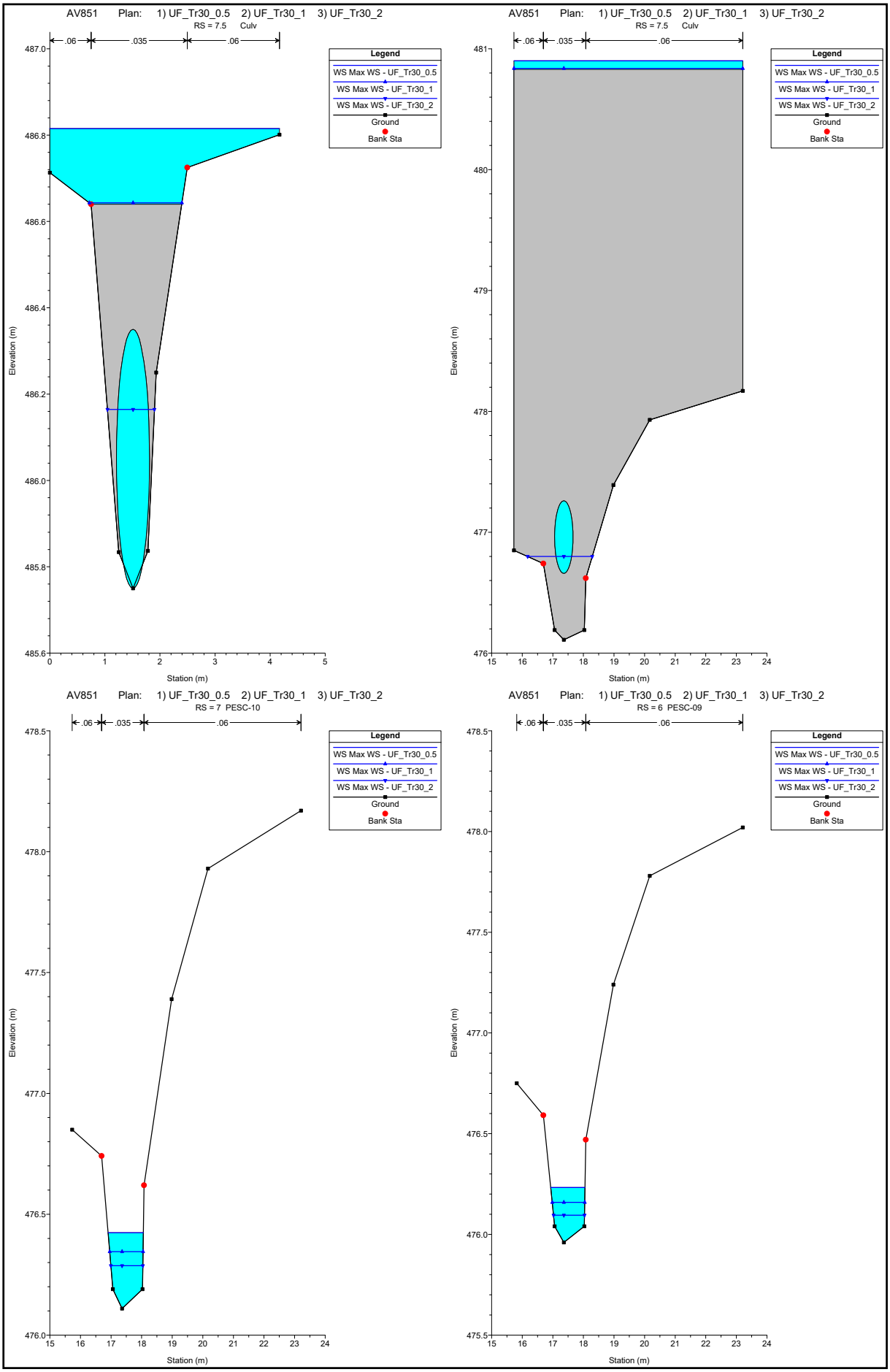
AV851

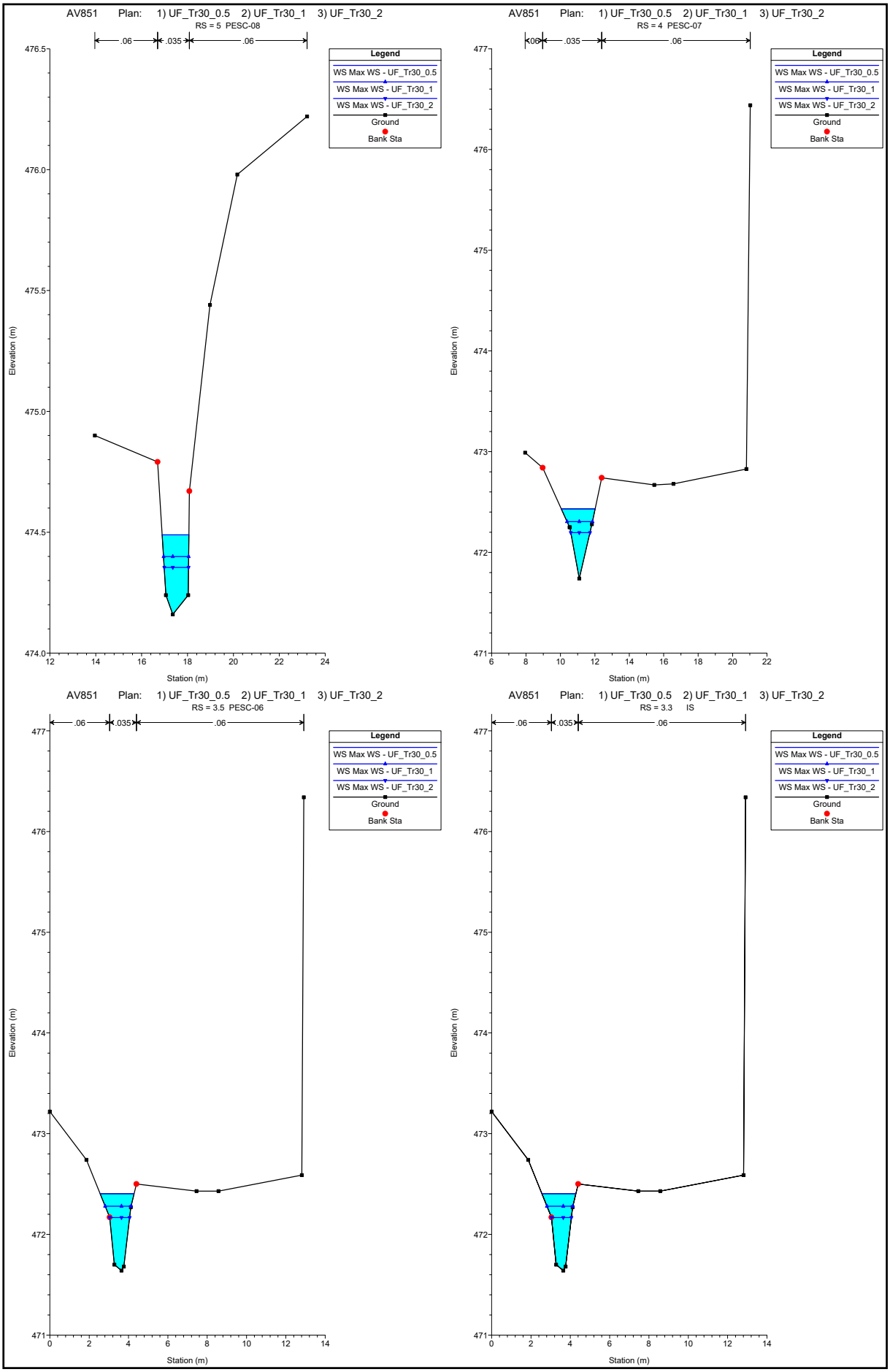
MODELLAZIONE PER TR= 30 anni

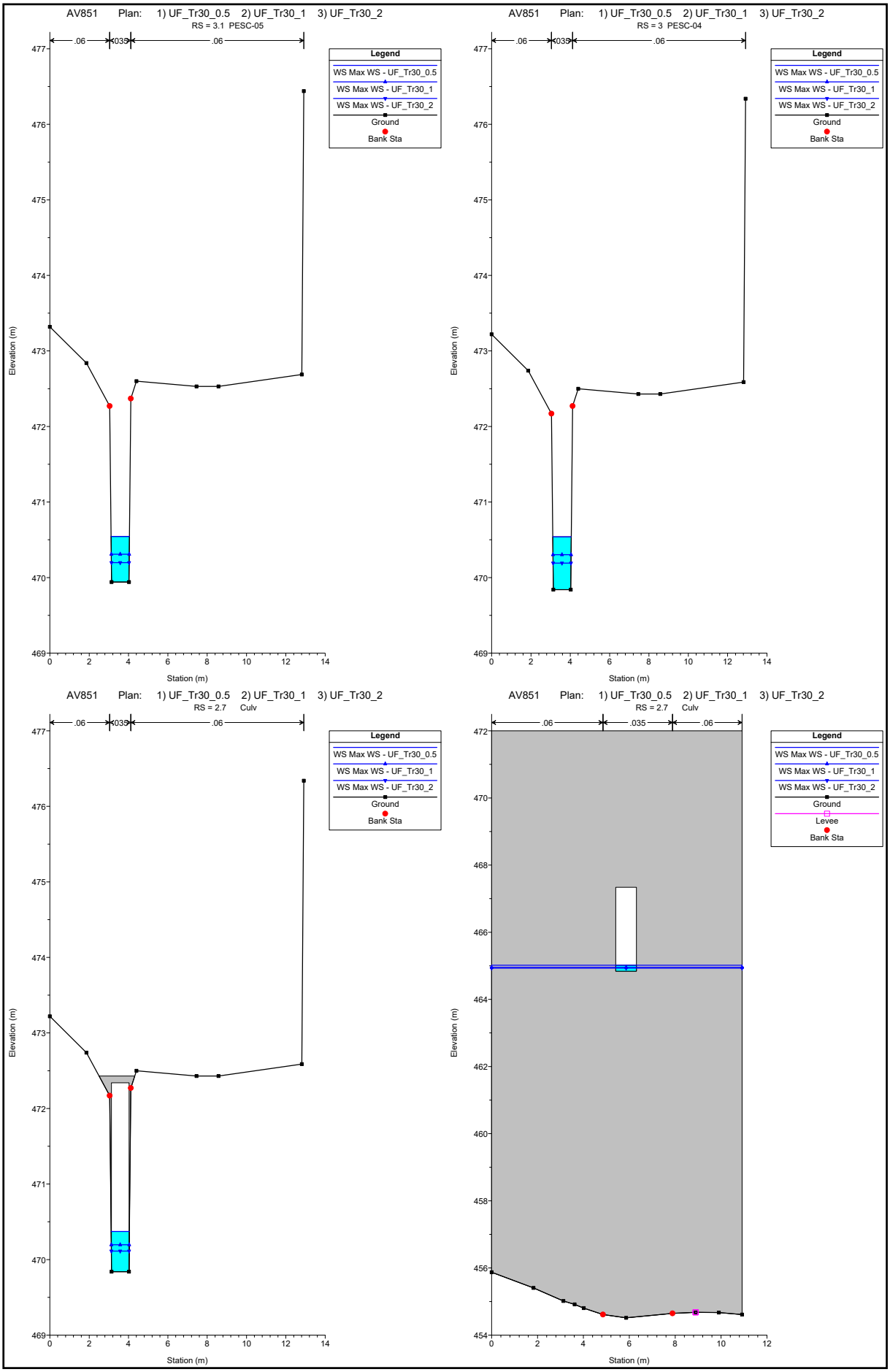
DURATE DI PIOGGIA: 0.5, 1 e 2 h

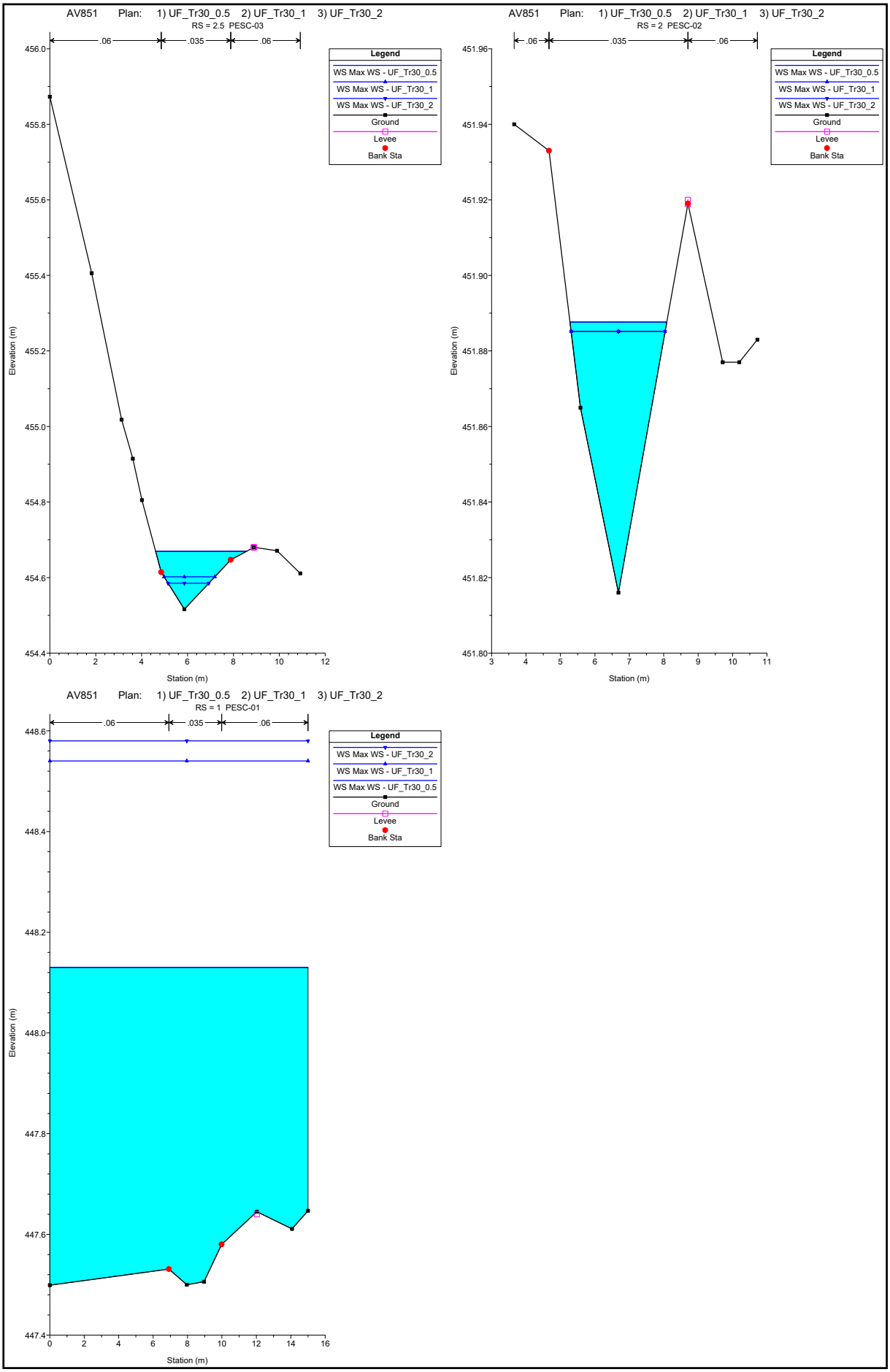
Sezioni Trasversali (da monte verso valle)


AV851 Plan: 1) UF_Tr30_0.5 2) UF_Tr30_1 3) UF_Tr30_2
RS = 10 PESC-14
.06
.035
.06
Legend
WS Max WS - UF_Tr30_0.5
WS Max WS - UF_Tr30_1
WS Max WS - UF_Tr30_2
Ground
Bank Sta
Elevation (m)
Station (m)
AV851 Plan: 1) UF_Tr30_0.5 2) UF_Tr30_1 3) UF_Tr30_2
RS = 9 PESC-13
.06
.035
.06
Legend
WS Max WS - UF_Tr30_0.5
WS Max WS - UF_Tr30_1
WS Max WS - UF_Tr30_2
Ground
Bank Sta
Elevation (m)
Station (m)
AV851 Plan: 1) UF_Tr30_0.5 2) UF_Tr30_1 3) UF_Tr30_2
RS = 8.2 PESC-12
.06
.035
.06
Legend
WS Max WS - UF_Tr30_0.5
WS Max WS - UF_Tr30_1
WS Max WS - UF_Tr30_2
Ground
Bank Sta
Elevation (m)
Station (m)
AV851 Plan: 1) UF_Tr30_0.5 2) UF_Tr30_1 3) UF_Tr30_2
RS = 8 PESC-11
.06
.035
.06
Legend
WS Max WS - UF_Tr30_0.5
WS Max WS - UF_Tr30_1
WS Max WS - UF_Tr30_2
Ground
Bank Sta
Elevation (m)
Station (m)


AV851 Plan: 1) UF_Tr30_0.5 2) UF_Tr30_1 3) UF_Tr30_2
RS = 7.5 Culv
.06
.035
.06
Legend
WS Max WS - UF_Tr30_0.5
WS Max WS - UF_Tr30_1
WS Max WS - UF_Tr30_2
Ground
Bank Sta
Elevation (m)
Station (m)
AV851 Plan: 1) UF_Tr30_0.5 2) UF_Tr30_1 3) UF_Tr30_2
RS = 7.5 Culv
.06
.035
.06
Legend
WS Max WS - UF_Tr30_0.5
WS Max WS - UF_Tr30_1
WS Max WS - UF_Tr30_2
Ground
Bank Sta
Elevation (m)
Station (m)
AV851 Plan: 1) UF_Tr30_0.5 2) UF_Tr30_1 3) UF_Tr30_2
RS = 7 PESC-10
.06
.035
.06
Legend
WS Max WS - UF_Tr30_0.5
WS Max WS - UF_Tr30_1
WS Max WS - UF_Tr30_2
Ground
Bank Sta
Elevation (m)
Station (m)
AV851 Plan: 1) UF_Tr30_0.5 2) UF_Tr30_1 3) UF_Tr30_2
RS = 6 PESC-09
.06
.035
.06
Legend
WS Max WS - UF_Tr30_0.5
WS Max WS - UF_Tr30_1
WS Max WS - UF_Tr30_2
Ground
Bank Sta
Elevation (m)
Station (m)


AV851 Plan: 1) UF_Tr30_0.5 2) UF_Tr30_1 3) UF_Tr30_2
RS = 5 PESC-08
.06
.035
.06
Legend
WS Max WS - UF_Tr30_0.5
WS Max WS - UF_Tr30_1
WS Max WS - UF_Tr30_2
Ground
Bank Sta
Elevation (m)
Station (m)
AV851 Plan: 1) UF_Tr30_0.5 2) UF_Tr30_1 3) UF_Tr30_2
RS = 4 PESC-07
.06
.035
.06
Legend
WS Max WS - UF_Tr30_0.5
WS Max WS - UF_Tr30_1
WS Max WS - UF_Tr30_2
Ground
Bank Sta
Elevation (m)
Station (m)
AV851 Plan: 1) UF_Tr30_0.5 2) UF_Tr30_1 3) UF_Tr30_2
RS = 3.5 PESC-06
.06
.035
.06
Legend
WS Max WS - UF_Tr30_0.5
WS Max WS - UF_Tr30_1
WS Max WS - UF_Tr30_2
Ground
Bank Sta
Elevation (m)
Station (m)
AV851 Plan: 1) UF_Tr30_0.5 2) UF_Tr30_1 3) UF_Tr30_2
RS = 3.3 IS
.06
.035
.06
Legend
WS Max WS - UF_Tr30_0.5
WS Max WS - UF_Tr30_1
WS Max WS - UF_Tr30_2
Ground
Bank Sta
Elevation (m)
Station (m)


AV851 Plan: 1) UF_Tr30_0.5 2) UF_Tr30_1 3) UF_Tr30_2
RS = 3.1 PESC-05
.06
.039
.06
Legend
WS Max WS - UF_Tr30_0.5
WS Max WS - UF_Tr30_1
WS Max WS - UF_Tr30_2
Ground
Bank Sta
Elevation (m)
Station (m)
AV851 Plan: 1) UF_Tr30_0.5 2) UF_Tr30_1 3) UF_Tr30_2
RS = 3 PESC-04
.06
.039
.06
Legend
WS Max WS - UF_Tr30_0.5
WS Max WS - UF_Tr30_1
WS Max WS - UF_Tr30_2
Ground
Bank Sta
Elevation (m)
Station (m)
AV851 Plan: 1) UF_Tr30_0.5 2) UF_Tr30_1 3) UF_Tr30_2
RS = 2.7 Culv
.06
.039
.06
Legend
WS Max WS - UF_Tr30_0.5
WS Max WS - UF_Tr30_1
WS Max WS - UF_Tr30_2
Ground
Bank Sta
Elevation (m)
Station (m)
AV851 Plan: 1) UF_Tr30_0.5 2) UF_Tr30_1 3) UF_Tr30_2
RS = 2.7 Culv
.06
.035
.06
Legend
WS Max WS - UF_Tr30_0.5
WS Max WS - UF_Tr30_1
WS Max WS - UF_Tr30_2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)


AV851 Plan: 1) UF_Tr30_0.5 2) UF_Tr30_1 3) UF_Tr30_2
RS = 2.5 PESC-03
.06
.035
.06
Legend
WS Max WS - UF_Tr30_0.5
WS Max WS - UF_Tr30_1
WS Max WS - UF_Tr30_2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
AV851 Plan: 1) UF_Tr30_0.5 2) UF_Tr30_1 3) UF_Tr30_2
RS = 2 PESC-02
.06
.035
.06
Legend
WS Max WS - UF_Tr30_0.5
WS Max WS - UF_Tr30_1
WS Max WS - UF_Tr30_2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
AV851 Plan: 1) UF_Tr30_0.5 2) UF_Tr30_1 3) UF_Tr30_2
RS = 1 PESC-01
.06
.035
.06
Legend
WS Max WS - UF_Tr30_2
WS Max WS - UF_Tr30_1
WS Max WS - UF_Tr30_0.5
Ground
Levee
Bank Sta
Elevation (m)
Station (m)

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "AV851"

AV851

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 0.5, 1 e 2 h

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HEC-RAS River: River 1 Reach: Reach 1 Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Reach 1	10	Max WS	UF_Tr30_0.5	1.10	492.08	492.36	492.50	492.88	0.154276	3.21			0.34	2.14	2.56
Reach 1	10	Max WS	UF_Tr30_1	0.60	492.08	492.31	492.40	492.63	0.130025	2.49			0.24	1.96	2.26
Reach 1	10	Max WS	UF_Tr30_2	0.40	492.08	492.26	492.35	492.62	0.230808	2.64			0.15	1.74	2.86
Reach 1	9.49			Lat Struct											
Reach 1	9.48			Lat Struct											
Reach 1	9	Max WS	UF_Tr30_0.5	1.10	486.10	486.90	486.97	487.20	0.043910	2.45		0.86	0.49	1.37	1.17
Reach 1	9	Max WS	UF_Tr30_1	0.60	486.10	486.73	486.79	486.97	0.052884	2.20		0.53	0.28	0.98	1.21
Reach 1	9	Max WS	UF_Tr30_2	0.40	486.10	486.57	486.68	486.92	0.127687	2.65			0.15	0.65	1.75
Reach 1	8.2	Max WS	UF_Tr30_0.5	1.09	485.80	486.81		486.86	0.004798	1.05	0.21	0.07	1.10	3.22	0.43
Reach 1	8.2	Max WS	UF_Tr30_1	0.60	485.80	486.62		486.65	0.004197	0.84			0.72	1.51	0.39
Reach 1	8.2	Max WS	UF_Tr30_2	0.40	485.80	486.34		486.40	0.010661	1.10			0.36	1.01	0.59
Reach 1	8	Max WS	UF_Tr30_0.5	1.09	485.75	486.82		486.86	0.003391	0.94	0.24	0.13	1.32	4.17	0.37
Reach 1	8	Max WS	UF_Tr30_1	0.60	485.75	486.62		486.65	0.003120	0.75			0.80	1.61	0.34
Reach 1	8	Max WS	UF_Tr30_2	0.40	485.75	486.34		486.39	0.007235	0.95			0.42	1.11	0.49
Reach 1	7.5			Culvert											
Reach 1	7	Max WS	UF_Tr30_0.5	1.09	476.11	476.42	476.63	477.17	0.162717	3.82			0.29	1.15	2.45
Reach 1	7	Max WS	UF_Tr30_1	0.60	476.11	476.35	476.48	476.81	0.140662	3.02			0.20	1.09	2.26
Reach 1	7	Max WS	UF_Tr30_2	0.40	476.11	476.29	476.40	476.72	0.189771	2.93			0.14	1.05	2.58
Reach 1	6.99			Lat Struct											
Reach 1	6	Max WS	UF_Tr30_0.5	1.09	475.96	476.23	476.48	477.29	0.269873	4.56			0.24	1.12	3.14
Reach 1	6	Max WS	UF_Tr30_1	0.60	475.96	476.16	476.33	476.88	0.267090	3.75			0.16	1.06	3.09
Reach 1	6	Max WS	UF_Tr30_2	0.40	475.96	476.10	476.25	477.02	0.599684	4.27			0.09	1.01	4.48
Reach 1	5	Max WS	UF_Tr30_0.5	1.09	474.16	474.49	474.68	475.14	0.135875	3.59			0.31	1.16	2.24
Reach 1	5	Max WS	UF_Tr30_1	0.60	474.16	474.40	474.53	474.84	0.131784	2.95			0.20	1.09	2.19
Reach 1	5	Max WS	UF_Tr30_2	0.40	474.16	474.35	474.45	474.69	0.130527	2.58			0.15	1.06	2.16
Reach 1	4	Max WS	UF_Tr30_0.5	1.07	471.74	472.43	472.43	472.59	0.023681	1.75			0.61	1.97	1.00
Reach 1	4	Max WS	UF_Tr30_1	0.60	471.74	472.31		472.42	0.022605	1.52			0.39	1.48	0.94
Reach 1	4	Max WS	UF_Tr30_2	0.40	471.74	472.20	472.20	472.32	0.030518	1.57			0.25	1.12	1.05
Reach 1	3.5	Max WS	UF_Tr30_0.5	1.02	471.64	472.40	472.29	472.53	0.013443	1.58	0.43		0.69	1.73	0.71
Reach 1	3.5	Max WS	UF_Tr30_1	0.60	471.64	472.28	472.13	472.36	0.010000	1.23	0.22		0.50	1.32	0.59
Reach 1	3.5	Max WS	UF_Tr30_2	0.40	471.64	472.17	472.03	472.23	0.010111	1.09			0.37	1.02	0.58
Reach 1	3.3			Inl Struct											
Reach 1	3.1	Max WS	UF_Tr30_0.5	1.09	469.94	470.54		470.75	0.029320	2.00			0.55	0.93	0.83
Reach 1	3.1	Max WS	UF_Tr30_1	0.60	469.94	470.31	470.30	470.48	0.033735	1.82			0.33	0.91	0.96
Reach 1	3.1	Max WS	UF_Tr30_2	0.40	469.94	470.20	470.22	470.35	0.041778	1.75			0.23	0.90	1.11
Reach 1	3	Max WS	UF_Tr30_0.5	1.09	469.84	470.54		470.69	0.019928	1.72			0.64	0.94	0.67
Reach 1	3	Max WS	UF_Tr30_1	0.60	469.84	470.30		470.41	0.017971	1.44			0.42	0.92	0.68
Reach 1	3	Max WS	UF_Tr30_2	0.40	469.84	470.19		470.27	0.017157	1.27			0.31	0.91	0.69
Reach 1	2.7			Culvert											
Reach 1	2.5	Max WS	UF_Tr30_0.5	1.09	454.52	454.67	454.78	455.41	0.422109	3.82	0.98	0.54	0.30	3.97	3.99
Reach 1	2.5	Max WS	UF_Tr30_1	0.60	454.52	454.60	454.73	456.61	3.198004	6.27			0.10	2.22	9.64
Reach 1	2.5	Max WS	UF_Tr30_2	0.30	454.52	454.59	454.68	455.80	2.591945	4.87			0.06	1.78	8.37
Reach 1	2.44			Lat Struct											
Reach 1	2.43			Lat Struct											
Reach 1	2	Max WS	UF_Tr30_0.5	1.04	451.82	451.89	452.02	456.77	9.329925	9.79			0.11	2.81	16.12
Reach 1	2	Max WS	UF_Tr30_1	0.77	451.82	451.89	452.00	454.98	6.205452	7.79			0.10	2.73	13.06
Reach 1	2	Max WS	UF_Tr30_2	0.77	451.82	451.89	452.00	454.98	6.205452	7.79			0.10	2.73	13.06
Reach 1	1	Max WS	UF_Tr30_0.5	1.66	447.50	448.13	447.67	448.13	0.000220	0.30	0.17	0.15	8.67	15.00	0.12
Reach 1	1	Max WS	UF_Tr30_1	0.98	447.50	448.54	447.62	448.54	0.000014	0.11	0.06	0.05	14.82	15.00	0.03
Reach 1	1	Max WS	UF_Tr30_2	0.86	447.50	448.58	447.61	448.58	0.000009	0.09	0.05	0.04	15.42	15.00	0.03

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "FOSSO DEL MOLINO"

FOSSO DEL MOLINO

MODELLAZIONE PER TR=30 e 200 ANNI

DURATA DI PIOGGIA: 0.5, 1, 2 e 6 h

Profilo longitudinale

Sezioni Trasversali

Dati idraulici

ALLEGATI

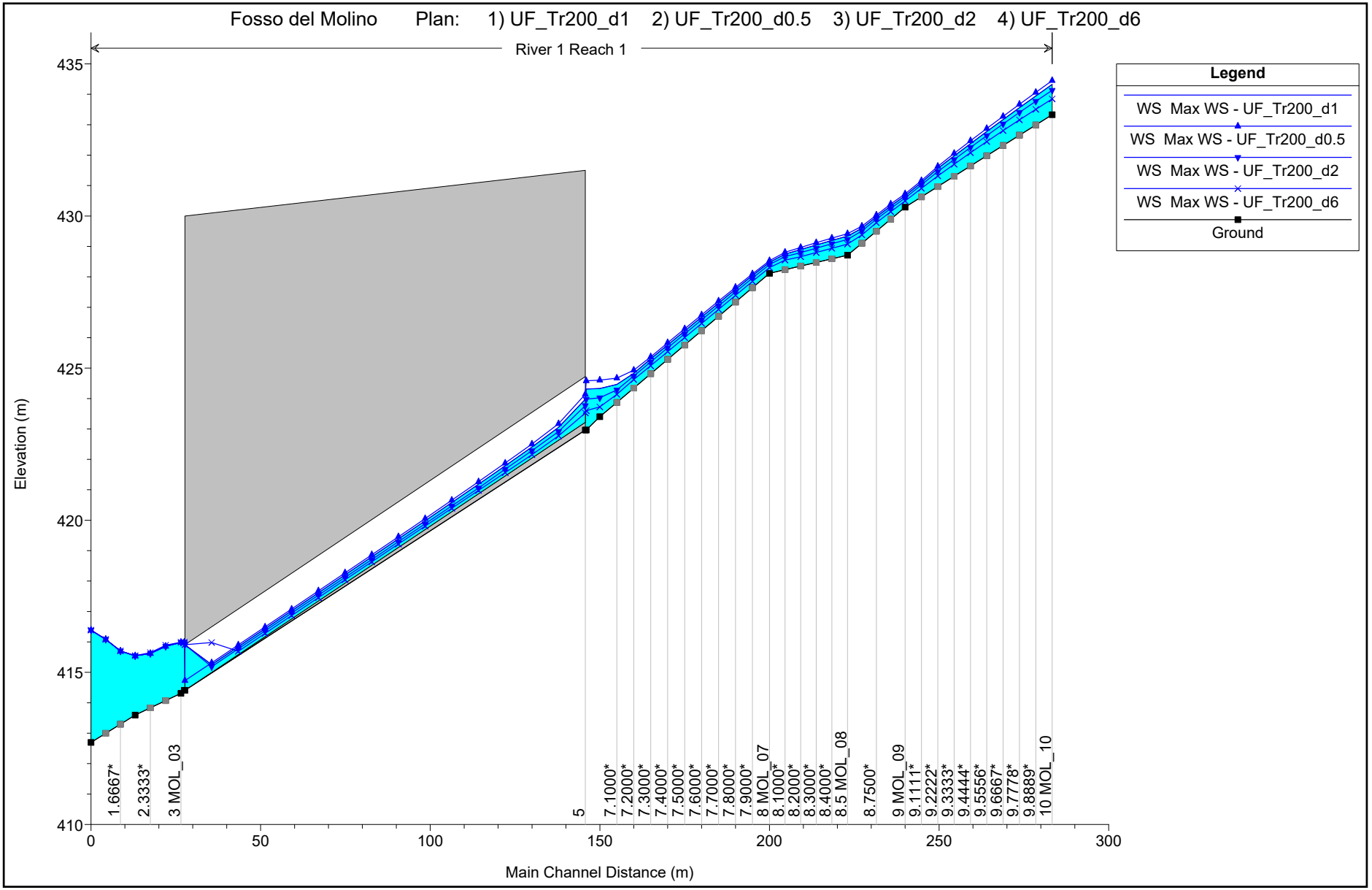
MODELLAZIONE HEC-RAS 5.0.7 "FOSSO DEL MOLINO"

FOSSO DEL MOLINO

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 0.5, 1, 2 e 6 h

Profilo longitudinale


Fosso del Molino Plan: 1) UF_Tr200_d1 2) UF_Tr200_d0.5 3) UF_Tr200_d2 4) UF_Tr200_d6
River 1 Reach 1
Legend
WS Max WS - UF_Tr200_d1
WS Max WS - UF_Tr200_d0.5
WS Max WS - UF_Tr200_d2
WS Max WS - UF_Tr200_d6
Ground
Elevation (m)
Main Channel Distance (m)
435
430
425
420
415
410
0
50
100
150
200
250
300
1.6667*
2.3333*
3 MOL_03
5
7.1000*
7.2000*
7.3000*
7.4000*
7.5000*
7.6000*
7.7000*
7.8000*
7.9000*
8 MOL_07
8.1000*
8.2000*
8.3000*
8.4000*
8.5 MOL_08
8.7500*
9 MOL_09
9.1111*
9.2222*
9.3333*
9.4444*
9.5556*
9.6667*
9.7778*
9.8889*
10 MOL_10

ALLEGATI

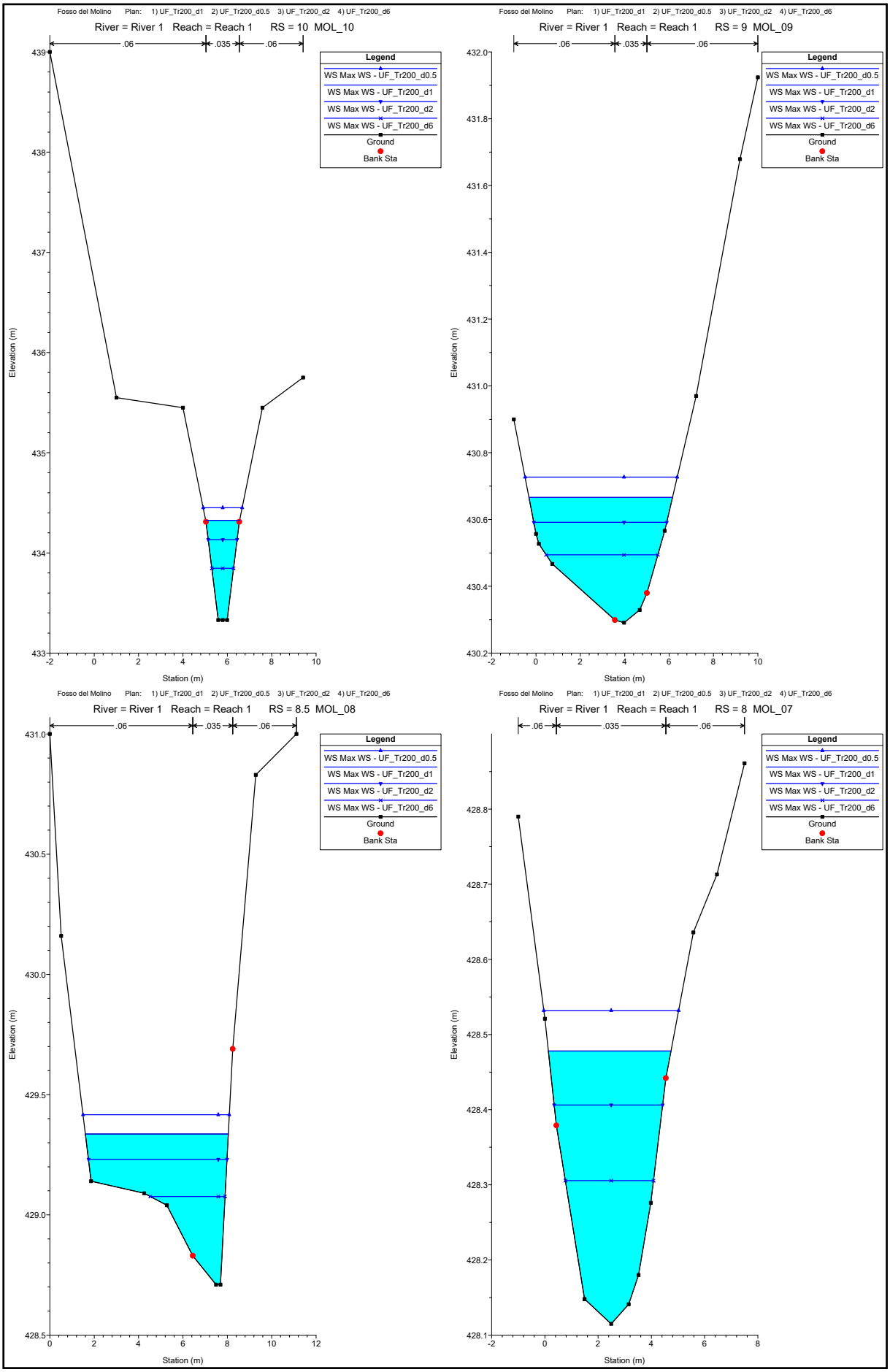
MODELLAZIONE HEC-RAS 5.0.7 "FOSSO DEL MOLINO"

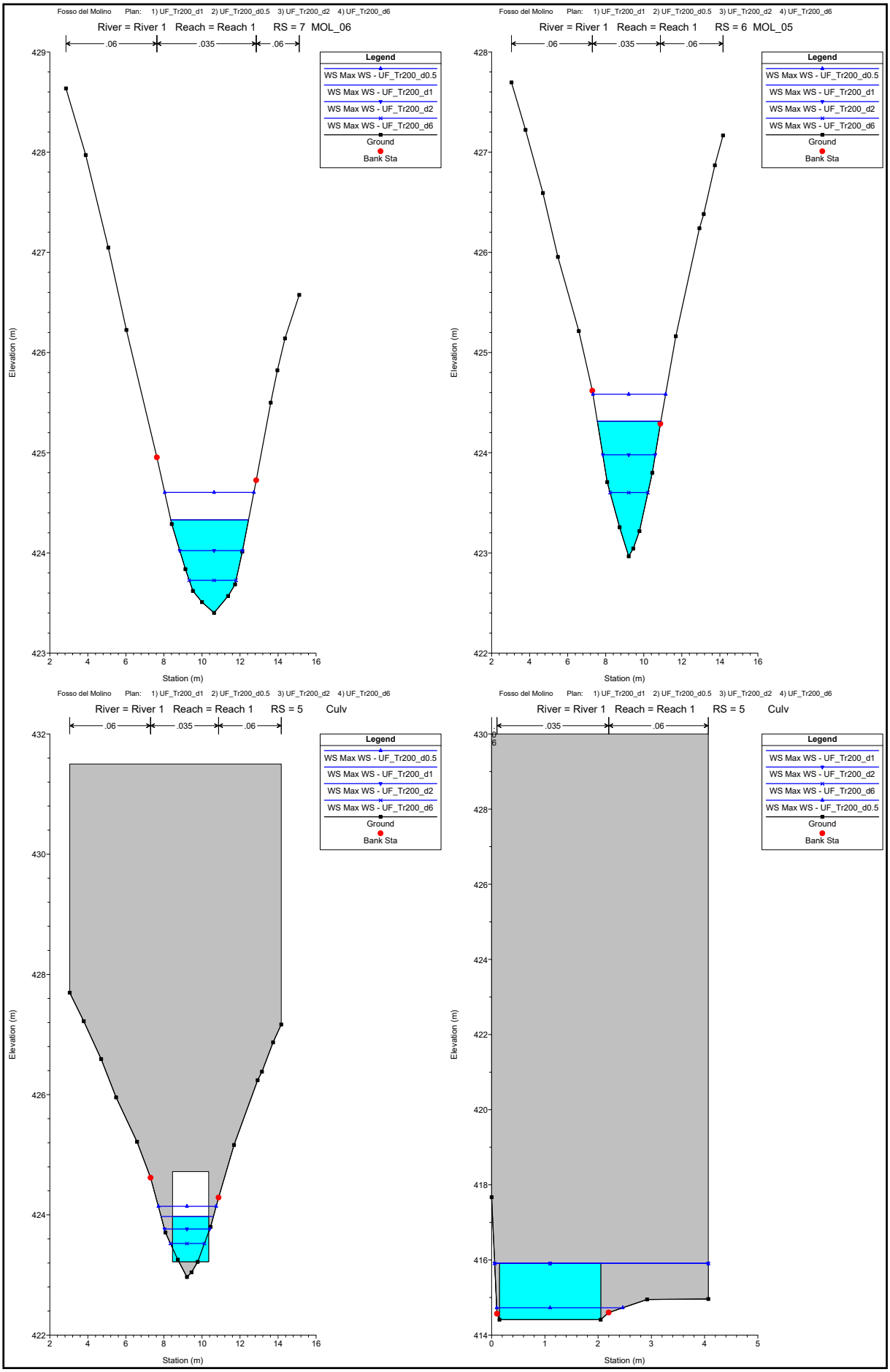
FOSSO DEL MOLINO

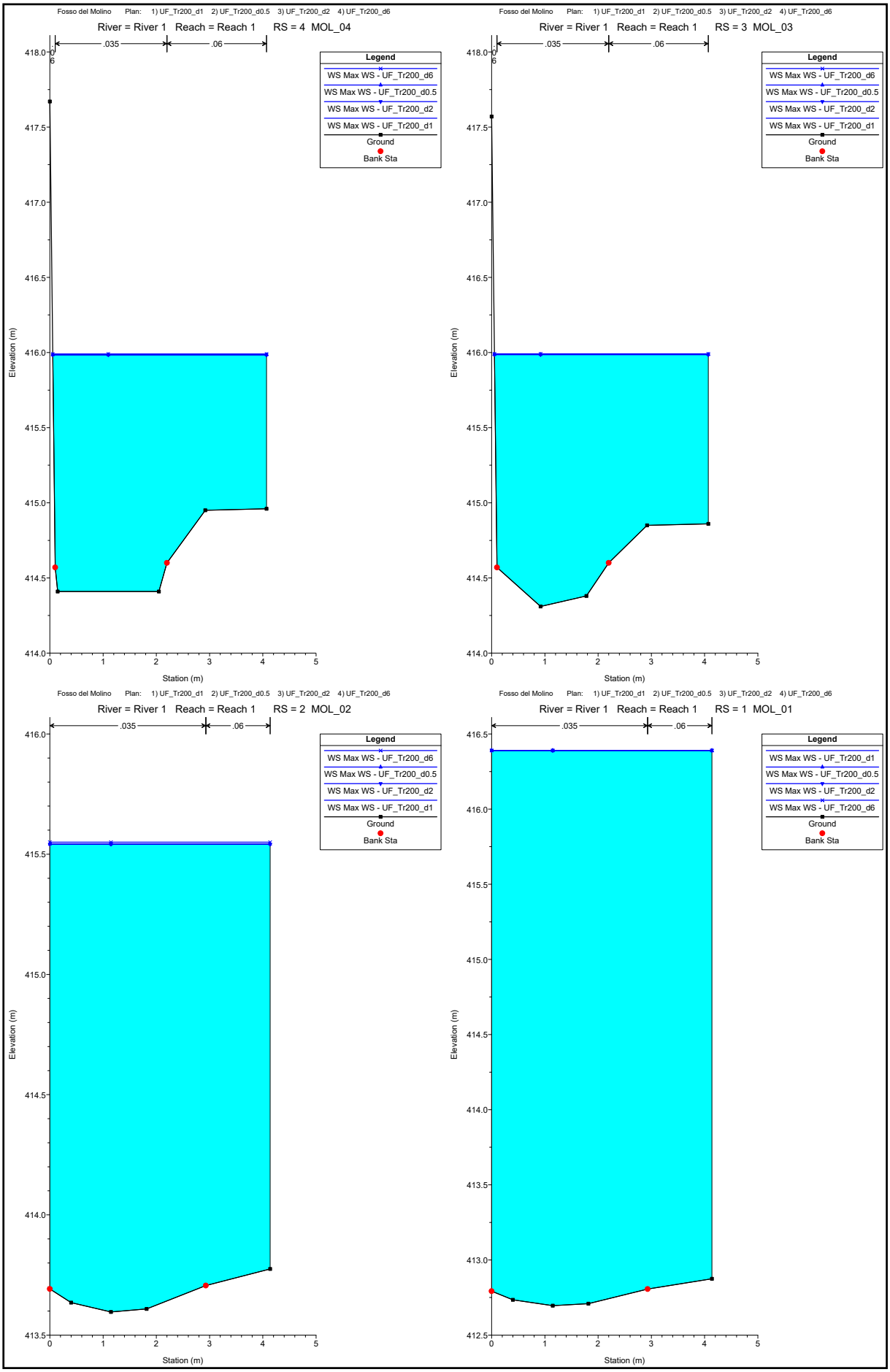
MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 0.5, 1, 2 e 6 h

Sezioni Trasversali (da monte verso valle)


Fosso del Molino Plan: 1) UF_Tr200_d1 2) UF_Tr200_d0.5 3) UF_Tr200_d2 4) UF_Tr200_d6
River = River 1 Reach = Reach 1 RS = 10 MOL_10
.06
.035
.06
Legend
WS Max WS - UF_Tr200_d0.5
WS Max WS - UF_Tr200_d1
WS Max WS - UF_Tr200_d2
WS Max WS - UF_Tr200_d6
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Molino Plan: 1) UF_Tr200_d1 2) UF_Tr200_d0.5 3) UF_Tr200_d2 4) UF_Tr200_d6
River = River 1 Reach = Reach 1 RS = 9 MOL_09
.06
.035
.06
Legend
WS Max WS - UF_Tr200_d0.5
WS Max WS - UF_Tr200_d1
WS Max WS - UF_Tr200_d2
WS Max WS - UF_Tr200_d6
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Molino Plan: 1) UF_Tr200_d1 2) UF_Tr200_d0.5 3) UF_Tr200_d2 4) UF_Tr200_d6
River = River 1 Reach = Reach 1 RS = 8.5 MOL_08
.06
.035
.06
Legend
WS Max WS - UF_Tr200_d0.5
WS Max WS - UF_Tr200_d1
WS Max WS - UF_Tr200_d2
WS Max WS - UF_Tr200_d6
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Molino Plan: 1) UF_Tr200_d1 2) UF_Tr200_d0.5 3) UF_Tr200_d2 4) UF_Tr200_d6
River = River 1 Reach = Reach 1 RS = 8 MOL_07
.06
.035
.06
Legend
WS Max WS - UF_Tr200_d0.5
WS Max WS - UF_Tr200_d1
WS Max WS - UF_Tr200_d2
WS Max WS - UF_Tr200_d6
Ground
Bank Sta
Elevation (m)
Station (m)


Fosso del Molino Plan: 1) UF_Tr200_d1 2) UF_Tr200_d0.5 3) UF_Tr200_d2 4) UF_Tr200_d6
River = River 1 Reach = Reach 1 RS = 7 MOL_06
.06
.035
.06
Legend
WS Max WS - UF_Tr200_d0.5
WS Max WS - UF_Tr200_d1
WS Max WS - UF_Tr200_d2
WS Max WS - UF_Tr200_d6
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Molino Plan: 1) UF_Tr200_d1 2) UF_Tr200_d0.5 3) UF_Tr200_d2 4) UF_Tr200_d6
River = River 1 Reach = Reach 1 RS = 6 MOL_05
.06
.035
.06
Legend
WS Max WS - UF_Tr200_d0.5
WS Max WS - UF_Tr200_d1
WS Max WS - UF_Tr200_d2
WS Max WS - UF_Tr200_d6
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Molino Plan: 1) UF_Tr200_d1 2) UF_Tr200_d0.5 3) UF_Tr200_d2 4) UF_Tr200_d6
River = River 1 Reach = Reach 1 RS = 5 Culv
.06
.035
.06
Legend
WS Max WS - UF_Tr200_d0.5
WS Max WS - UF_Tr200_d1
WS Max WS - UF_Tr200_d2
WS Max WS - UF_Tr200_d6
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Molino Plan: 1) UF_Tr200_d1 2) UF_Tr200_d0.5 3) UF_Tr200_d2 4) UF_Tr200_d6
River = River 1 Reach = Reach 1 RS = 5 Culv
.035
.06
Legend
WS Max WS - UF_Tr200_d1
WS Max WS - UF_Tr200_d2
WS Max WS - UF_Tr200_d6
WS Max WS - UF_Tr200_d0.5
Ground
Bank Sta
Elevation (m)
Station (m)


Fosso del Molino Plan: 1) UF_Tr200_d1 2) UF_Tr200_d0.5 3) UF_Tr200_d2 4) UF_Tr200_d6
River = River 1 Reach = Reach 1 RS = 4 MOL_04
.035
.06
Legend
WS Max WS - UF_Tr200_d6
WS Max WS - UF_Tr200_d0.5
WS Max WS - UF_Tr200_d2
WS Max WS - UF_Tr200_d1
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Molino Plan: 1) UF_Tr200_d1 2) UF_Tr200_d0.5 3) UF_Tr200_d2 4) UF_Tr200_d6
River = River 1 Reach = Reach 1 RS = 3 MOL_03
.035
.06
Legend
WS Max WS - UF_Tr200_d6
WS Max WS - UF_Tr200_d0.5
WS Max WS - UF_Tr200_d2
WS Max WS - UF_Tr200_d1
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Molino Plan: 1) UF_Tr200_d1 2) UF_Tr200_d0.5 3) UF_Tr200_d2 4) UF_Tr200_d6
River = River 1 Reach = Reach 1 RS = 2 MOL_02
.035
.06
Legend
WS Max WS - UF_Tr200_d6
WS Max WS - UF_Tr200_d0.5
WS Max WS - UF_Tr200_d2
WS Max WS - UF_Tr200_d1
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Molino Plan: 1) UF_Tr200_d1 2) UF_Tr200_d0.5 3) UF_Tr200_d2 4) UF_Tr200_d6
River = River 1 Reach = Reach 1 RS = 1 MOL_01
.035
.06
Legend
WS Max WS - UF_Tr200_d1
WS Max WS - UF_Tr200_d0.5
WS Max WS - UF_Tr200_d2
WS Max WS - UF_Tr200_d6
Ground
Bank Sta
Elevation (m)
Station (m)

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "FOSSO DEL MOLINO"

FOSSO DEL MOLINO

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 0.5, 1, 2 e 6 h

Dati idraulici

HEC-RAS River: River 1 Reach: Reach 1 Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Reach 1	10	Max WS	UF_Tr200_d1	3.90	433.33	434.32	434.59	435.18	0.080081	4.09	0.14	0.14	0.95	1.53	1.64
Reach 1	10	Max WS	UF_Tr200_d0.5	5.30	433.33	434.45	434.80	435.54	0.080613	4.63	0.62	0.62	1.16	1.76	1.69
Reach 1	10	Max WS	UF_Tr200_d2	2.40	433.33	434.13	434.33	434.76	0.074049	3.52			0.68	1.30	1.55
Reach 1	10	Max WS	UF_Tr200_d6	1.00	433.33	433.85	433.97	434.25	0.070520	2.81			0.36	0.98	1.49
Reach 1	9	Max WS	UF_Tr200_d1	3.90	430.29	430.67	430.81	431.15	0.077768	3.95	1.79	1.28	1.61	6.47	2.13
Reach 1	9	Max WS	UF_Tr200_d0.5	5.29	430.29	430.73	430.91	431.29	0.075930	4.34	2.00	1.44	2.02	6.86	2.16
Reach 1	9	Max WS	UF_Tr200_d2	2.40	430.29	430.59	430.70	430.96	0.077536	3.36	1.47	1.03	1.15	5.99	2.04
Reach 1	9	Max WS	UF_Tr200_d6	1.00	430.29	430.49	430.57	430.73	0.078865	2.54	1.02	0.68	0.60	5.03	1.92
Reach 1	8.5	Max WS	UF_Tr200_d1	3.90	428.71	429.34	429.40	429.61	0.030754	2.81	1.20		2.13	6.44	1.25
Reach 1	8.5	Max WS	UF_Tr200_d0.5	5.28	428.71	429.42	429.48	429.72	0.030901	3.01	1.41		2.65	6.59	1.26
Reach 1	8.5	Max WS	UF_Tr200_d2	2.40	428.71	429.23	429.30	429.47	0.031042	2.54	0.89		1.46	6.24	1.24
Reach 1	8.5	Max WS	UF_Tr200_d6	1.00	428.71	429.08	429.16	429.27	0.031650	2.06	0.61		0.61	3.37	1.21
Reach 1	8	Max WS	UF_Tr200_d1	3.90	428.12	428.48	428.66	429.11	0.089542	3.52	0.65	0.34	1.12	4.61	2.17
Reach 1	8	Max WS	UF_Tr200_d0.5	5.28	428.12	428.53	428.77	429.32	0.088280	3.95	0.85	0.62	1.38	5.06	2.22
Reach 1	8	Max WS	UF_Tr200_d2	2.40	428.12	428.41	428.54	428.85	0.091837	2.96	0.28		0.81	4.07	2.10
Reach 1	8	Max WS	UF_Tr200_d6	1.00	428.12	428.31	428.39	428.57	0.095732	2.28			0.44	3.31	2.00
Reach 1	7	Max WS	UF_Tr200_d1	3.90	423.40	424.33		424.46	0.006989	1.58			2.47	4.09	0.65
Reach 1	7	Max WS	UF_Tr200_d0.5	5.27	423.40	424.60		424.71	0.004223	1.43			3.67	4.69	0.52
Reach 1	7	Max WS	UF_Tr200_d2	2.40	423.40	424.02		424.19	0.014865	1.80			1.33	3.30	0.90
Reach 1	7	Max WS	UF_Tr200_d6	1.00	423.40	423.73	423.79	423.95	0.051273	2.10			0.48	2.46	1.53
Reach 1	6	Max WS	UF_Tr200_d1	3.90	422.97	424.31		424.43	0.005189	1.48		0.05	2.63	3.34	0.53
Reach 1	6	Max WS	UF_Tr200_d0.5	5.27	422.97	424.58		424.69	0.003856	1.48		0.22	3.59	3.82	0.47
Reach 1	6	Max WS	UF_Tr200_d2	2.40	422.97	423.98		424.09	0.007559	1.49			1.61	2.76	0.62
Reach 1	6	Max WS	UF_Tr200_d6	1.00	422.97	423.60		423.71	0.012557	1.42			0.70	1.99	0.76
Reach 1	5			Culvert											
Reach 1	4	Max WS	UF_Tr200_d1	0.10	414.41	415.99		415.99	0.000000	0.02	0.00	0.01	5.38	4.02	0.01
Reach 1	4	Max WS	UF_Tr200_d0.5	0.10	414.41	415.99		415.99	0.000000	0.02	0.00	0.01	5.38	4.02	0.01
Reach 1	4	Max WS	UF_Tr200_d2	0.10	414.41	415.99		415.99	0.000000	0.02	0.00	0.01	5.38	4.02	0.01
Reach 1	4	Max WS	UF_Tr200_d6	0.74	414.41	415.99		415.99	0.000025	0.18	0.01	0.07	5.40	4.02	0.05
Reach 1	3	Max WS	UF_Tr200_d1	0.06	414.31	415.99		415.99	0.000000	0.01	0.00	0.01	5.55	4.02	0.00
Reach 1	3	Max WS	UF_Tr200_d0.5	0.06	414.31	415.99		415.99	0.000000	0.01	0.00	0.01	5.55	4.02	0.00
Reach 1	3	Max WS	UF_Tr200_d2	0.06	414.31	415.99		415.99	0.000000	0.01	0.00	0.01	5.55	4.02	0.00
Reach 1	3	Max WS	UF_Tr200_d6	0.71	414.31	415.99		415.99	0.000021	0.17	0.01	0.06	5.57	4.02	0.04
Reach 1	2.99			Lat Struct											
Reach 1	2.98			Lat Struct											
Reach 1	2	Max WS	UF_Tr200_d1	-22.22	413.60	415.54		416.07	0.011594	-3.41		-1.46	7.76	4.14	0.79
Reach 1	2	Max WS	UF_Tr200_d0.5	-22.22	413.60	415.54		416.07	0.011594	-3.41		-1.46	7.76	4.14	0.79
Reach 1	2	Max WS	UF_Tr200_d2	-22.22	413.60	415.54		416.07	0.011595	-3.41		-1.46	7.76	4.14	0.79
Reach 1	2	Max WS	UF_Tr200_d6	-21.86	413.60	415.55		416.05	0.011093	-3.34		-1.43	7.80	4.14	0.77
Reach 1	1	Max WS	UF_Tr200_d1	-83.58	412.70	416.39	416.52	418.44	0.028836	-6.74		-2.65	15.00	4.14	1.13
Reach 1	1	Max WS	UF_Tr200_d0.5	-83.60	412.70	416.39	416.52	418.44	0.028850	-6.74		-2.65	15.00	4.14	1.13
Reach 1	1	Max WS	UF_Tr200_d2	-83.60	412.70	416.39	416.52	418.44	0.028850	-6.74		-2.65	15.00	4.14	1.13
Reach 1	1	Max WS	UF_Tr200_d6	-83.46	412.70	416.39	416.52	418.44	0.028754	-6.73		-2.65	15.00	4.14	1.12

ALLEGATI

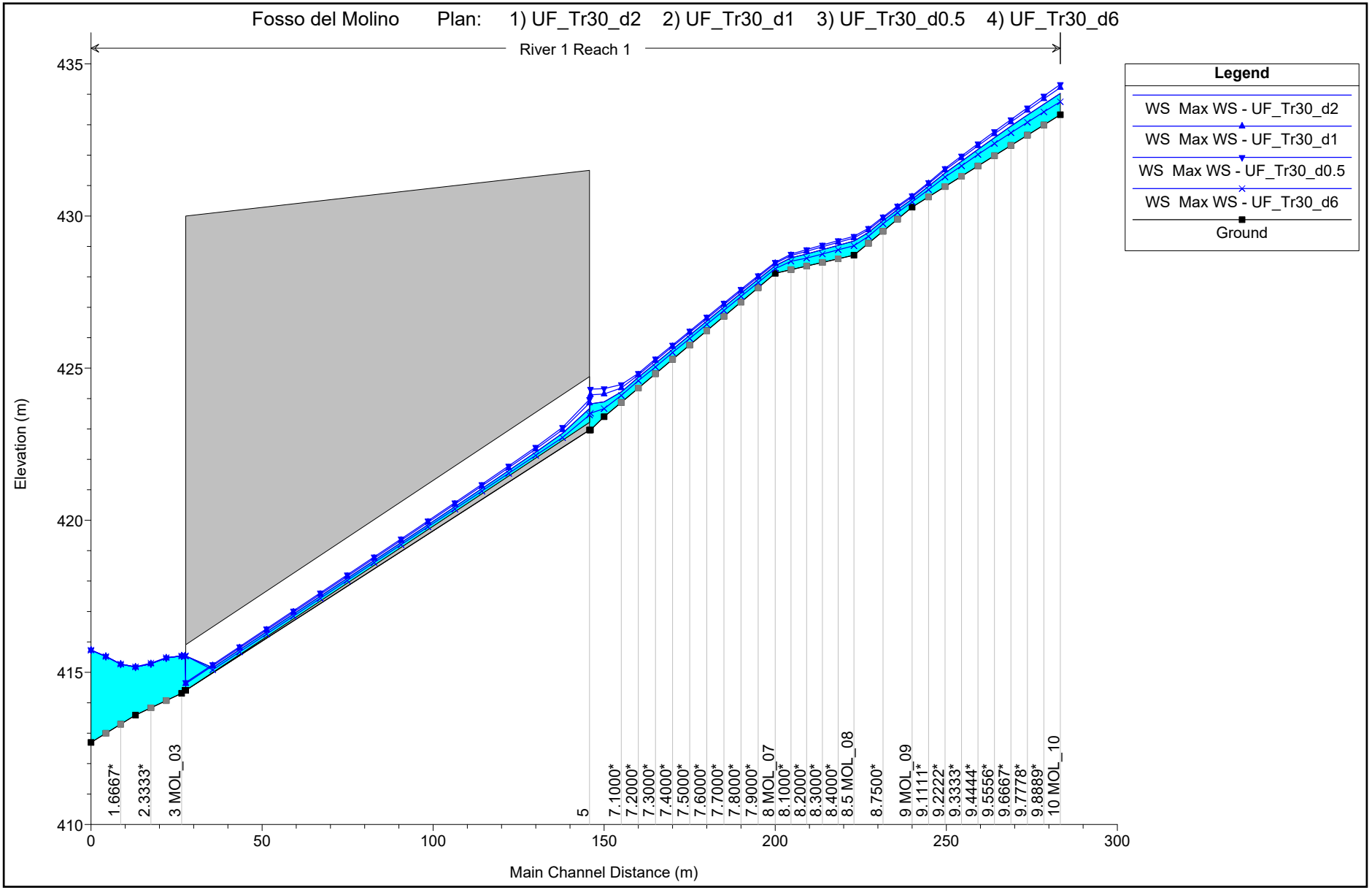
MODELLAZIONE HEC-RAS 5.0.7 "FOSSO DEL MOLINO"

FOSSO DEL MOLINO

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 0.5, 1, 2 e 6 h

Profilo longitudinale


Fosso del Molino Plan: 1) UF_Tr30_d2 2) UF_Tr30_d1 3) UF_Tr30_d0.5 4) UF_Tr30_d6
River 1 Reach 1
Legend
WS Max WS - UF_Tr30_d2
WS Max WS - UF_Tr30_d1
WS Max WS - UF_Tr30_d0.5
WS Max WS - UF_Tr30_d6
Ground
Elevation (m)
Main Channel Distance (m)
435
430
425
420
415
410
0
50
100
150
200
250
300
1.6667*
2.3333*
3 MOL_03
5
7.1000*
7.2000*
7.3000*
7.4000*
7.5000*
7.6000*
7.7000*
7.8000*
7.9000*
8 MOL_07
8.1000*
8.2000*
8.3000*
8.4000*
8.5 MOL_08
8.7500*
9 MOL_09
9.1111*
9.2222*
9.3333*
9.4444*
9.5556*
9.6667*
9.7778*
9.8889*
10 MOL_10

ALLEGATI

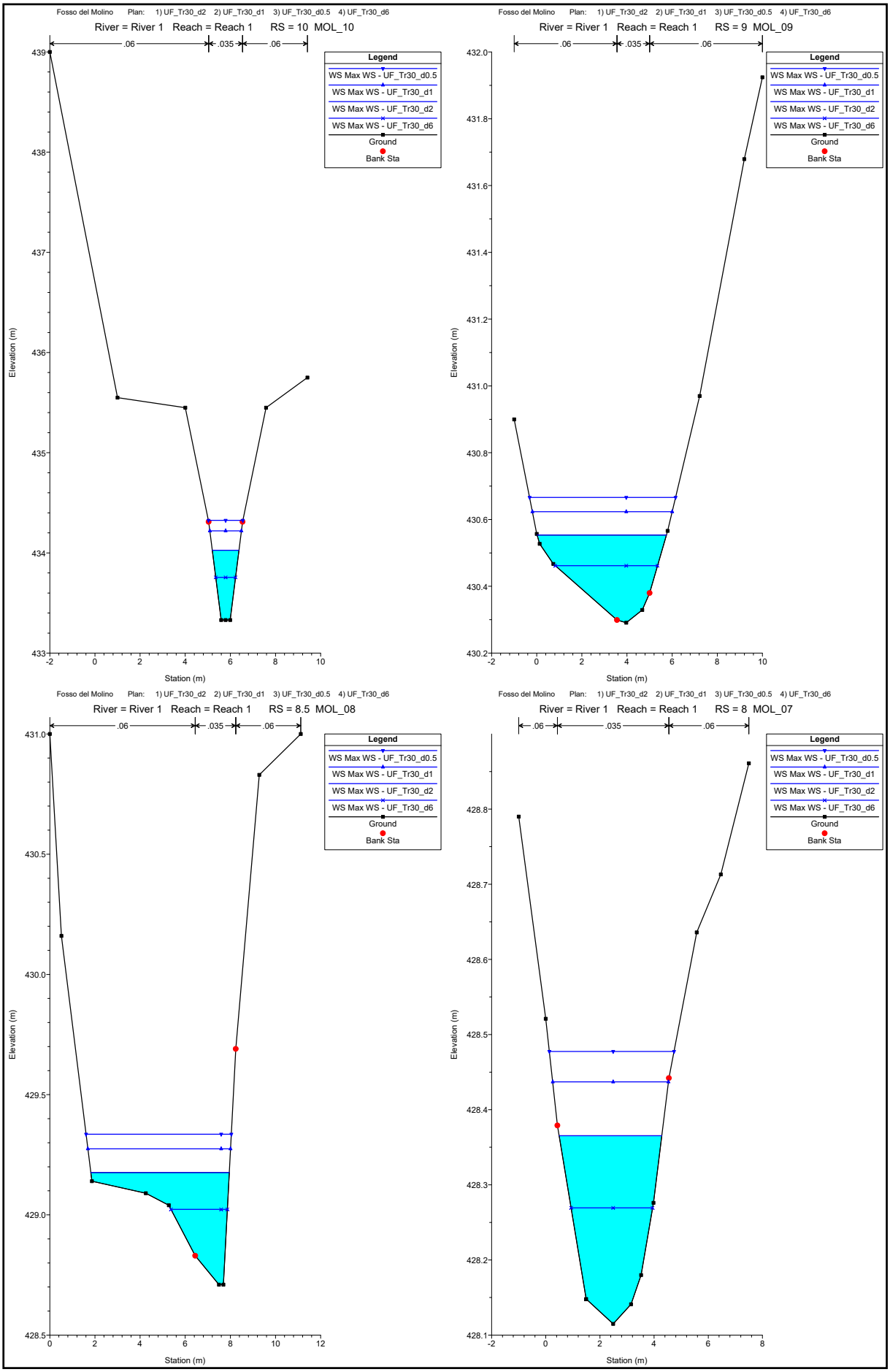
MODELLAZIONE HEC-RAS 5.0.7 "FOSSO DEL MOLINO"

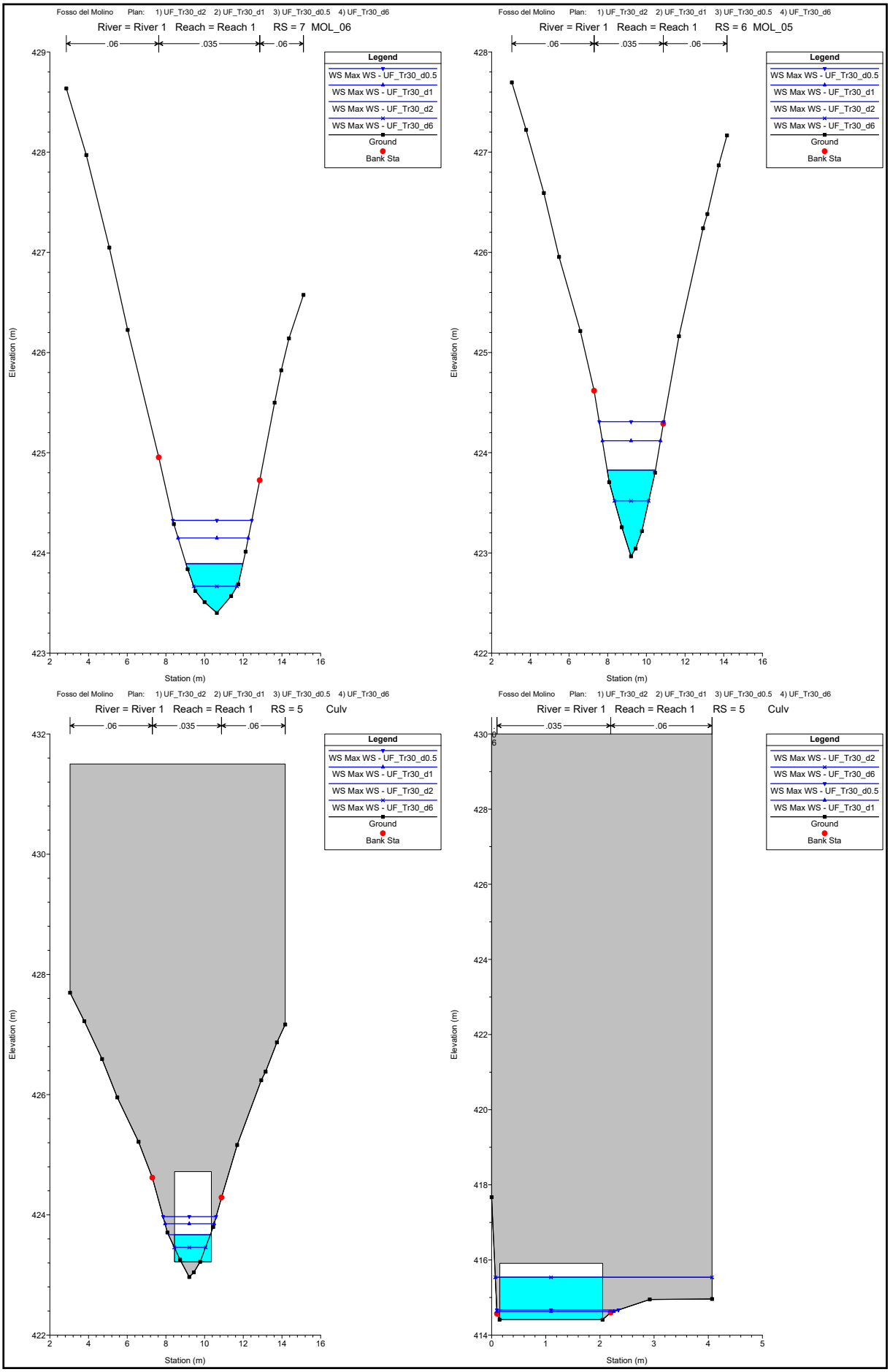
FOSSO DEL MOLINO

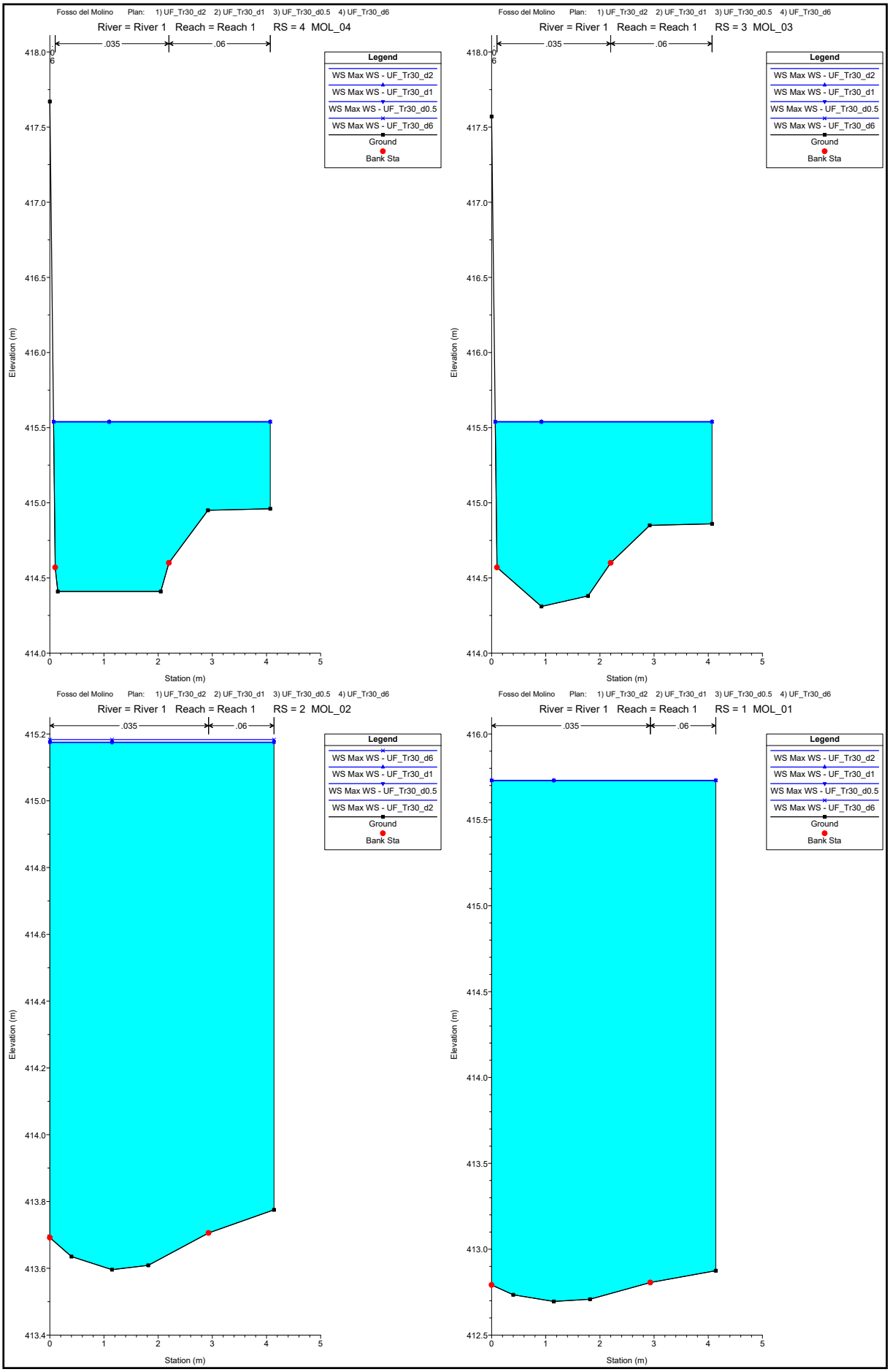
MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 0.5, 1, 2 e 6 h

Sezioni Trasversali (da monte verso valle)


Fosso del Molino Plan: 1) UF_Tr30_d2 2) UF_Tr30_d1 3) UF_Tr30_d0.5 4) UF_Tr30_d6
River = River 1 Reach = Reach 1 RS = 10 MOL_10
.06
.035
.06
Legend
WS Max WS - UF_Tr30_d0.5
WS Max WS - UF_Tr30_d1
WS Max WS - UF_Tr30_d2
WS Max WS - UF_Tr30_d6
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Molino Plan: 1) UF_Tr30_d2 2) UF_Tr30_d1 3) UF_Tr30_d0.5 4) UF_Tr30_d6
River = River 1 Reach = Reach 1 RS = 9 MOL_09
.06
.035
.06
Legend
WS Max WS - UF_Tr30_d0.5
WS Max WS - UF_Tr30_d1
WS Max WS - UF_Tr30_d2
WS Max WS - UF_Tr30_d6
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Molino Plan: 1) UF_Tr30_d2 2) UF_Tr30_d1 3) UF_Tr30_d0.5 4) UF_Tr30_d6
River = River 1 Reach = Reach 1 RS = 8.5 MOL_08
.06
.035
.06
Legend
WS Max WS - UF_Tr30_d0.5
WS Max WS - UF_Tr30_d1
WS Max WS - UF_Tr30_d2
WS Max WS - UF_Tr30_d6
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Molino Plan: 1) UF_Tr30_d2 2) UF_Tr30_d1 3) UF_Tr30_d0.5 4) UF_Tr30_d6
River = River 1 Reach = Reach 1 RS = 8 MOL_07
.06
.035
.06
Legend
WS Max WS - UF_Tr30_d0.5
WS Max WS - UF_Tr30_d1
WS Max WS - UF_Tr30_d2
WS Max WS - UF_Tr30_d6
Ground
Bank Sta
Elevation (m)
Station (m)


Fosso del Molino Plan: 1) UF_Tr30_d2 2) UF_Tr30_d1 3) UF_Tr30_d0.5 4) UF_Tr30_d6
River = River 1 Reach = Reach 1 RS = 7 MOL_06
.06
.035
.06
Legend
WS Max WS - UF_Tr30_d0.5
WS Max WS - UF_Tr30_d1
WS Max WS - UF_Tr30_d2
WS Max WS - UF_Tr30_d6
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Molino Plan: 1) UF_Tr30_d2 2) UF_Tr30_d1 3) UF_Tr30_d0.5 4) UF_Tr30_d6
River = River 1 Reach = Reach 1 RS = 6 MOL_05
.06
.035
.06
Legend
WS Max WS - UF_Tr30_d0.5
WS Max WS - UF_Tr30_d1
WS Max WS - UF_Tr30_d2
WS Max WS - UF_Tr30_d6
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Molino Plan: 1) UF_Tr30_d2 2) UF_Tr30_d1 3) UF_Tr30_d0.5 4) UF_Tr30_d6
River = River 1 Reach = Reach 1 RS = 5 Culv
.06
.035
.06
Legend
WS Max WS - UF_Tr30_d0.5
WS Max WS - UF_Tr30_d1
WS Max WS - UF_Tr30_d2
WS Max WS - UF_Tr30_d6
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Molino Plan: 1) UF_Tr30_d2 2) UF_Tr30_d1 3) UF_Tr30_d0.5 4) UF_Tr30_d6
River = River 1 Reach = Reach 1 RS = 5 Culv
.035
.06
Legend
WS Max WS - UF_Tr30_d2
WS Max WS - UF_Tr30_d6
WS Max WS - UF_Tr30_d0.5
WS Max WS - UF_Tr30_d1
Ground
Bank Sta
Elevation (m)
Station (m)


Fosso del Molino Plan: 1) UF_Tr30_d2 2) UF_Tr30_d1 3) UF_Tr30_d0.5 4) UF_Tr30_d6
River = River 1 Reach = Reach 1 RS = 4 MOL_04
.035
.06
Legend
WS Max WS - UF_Tr30_d2
WS Max WS - UF_Tr30_d1
WS Max WS - UF_Tr30_d0.5
WS Max WS - UF_Tr30_d6
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Molino Plan: 1) UF_Tr30_d2 2) UF_Tr30_d1 3) UF_Tr30_d0.5 4) UF_Tr30_d6
River = River 1 Reach = Reach 1 RS = 3 MOL_03
.035
.06
Legend
WS Max WS - UF_Tr30_d2
WS Max WS - UF_Tr30_d1
WS Max WS - UF_Tr30_d0.5
WS Max WS - UF_Tr30_d6
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Molino Plan: 1) UF_Tr30_d2 2) UF_Tr30_d1 3) UF_Tr30_d0.5 4) UF_Tr30_d6
River = River 1 Reach = Reach 1 RS = 2 MOL_02
.035
.06
Legend
WS Max WS - UF_Tr30_d6
WS Max WS - UF_Tr30_d1
WS Max WS - UF_Tr30_d0.5
WS Max WS - UF_Tr30_d2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso del Molino Plan: 1) UF_Tr30_d2 2) UF_Tr30_d1 3) UF_Tr30_d0.5 4) UF_Tr30_d6
River = River 1 Reach = Reach 1 RS = 1 MOL_01
.035
.06
Legend
WS Max WS - UF_Tr30_d2
WS Max WS - UF_Tr30_d1
WS Max WS - UF_Tr30_d0.5
WS Max WS - UF_Tr30_d6
Ground
Bank Sta
Elevation (m)
Station (m)

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "FOSSO DEL MOLINO"

FOSSO DEL MOLINO

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 0.5, 1, 2 e 6 h

Dati idraulici

HEC-RAS River: River 1 Reach: Reach 1 Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Reach 1	10	Max WS	UF_Tr30_d2	1.80	433.33	434.03	434.19	434.57	0.072768	3.27			0.55	1.18	1.53
Reach 1	10	Max WS	UF_Tr30_d1	3.00	433.33	434.22	434.44	434.94	0.076193	3.75			0.80	1.40	1.58
Reach 1	10	Max WS	UF_Tr30_d0.5	3.90	433.33	434.32	434.59	435.18	0.080081	4.09	0.14	0.14	0.95	1.53	1.64
Reach 1	10	Max WS	UF_Tr30_d6	0.70	433.33	433.76	433.86	434.09	0.070459	2.57			0.27	0.88	1.48
Reach 1	9	Max WS	UF_Tr30_d2	1.80	430.29	430.55	430.65	430.88	0.080383	3.10	1.31	0.91	0.92	5.73	2.03
Reach 1	9	Max WS	UF_Tr30_d1	3.00	430.29	430.62	430.75	431.04	0.077790	3.62	1.61	1.15	1.34	6.19	2.09
Reach 1	9	Max WS	UF_Tr30_d0.5	3.89	430.29	430.67	430.81	431.15	0.077718	3.95	1.79	1.28	1.61	6.47	2.13
Reach 1	9	Max WS	UF_Tr30_d6	0.70	430.29	430.46	430.53	430.66	0.085806	2.31	0.92	0.57	0.45	4.53	1.93
Reach 1	8.5	Max WS	UF_Tr30_d2	1.80	428.71	429.18	429.25	429.42	0.032544	2.43	0.72		1.12	6.14	1.25
Reach 1	8.5	Max WS	UF_Tr30_d1	3.00	428.71	429.27	429.34	429.53	0.031259	2.67	1.04		1.74	6.33	1.25
Reach 1	8.5	Max WS	UF_Tr30_d0.5	3.89	428.71	429.34	429.40	429.61	0.030796	2.81	1.20		2.13	6.44	1.25
Reach 1	8.5	Max WS	UF_Tr30_d6	0.70	428.71	429.02	429.04	429.17	0.029591	1.79	0.60		0.46	2.50	1.15
Reach 1	8	Max WS	UF_Tr30_d2	1.80	428.12	428.37	428.48	428.76	0.100082	2.77			0.65	3.79	2.13
Reach 1	8	Max WS	UF_Tr30_d1	3.00	428.12	428.44	428.59	428.96	0.092055	3.20	0.46		0.94	4.27	2.14
Reach 1	8	Max WS	UF_Tr30_d0.5	3.88	428.12	428.48	428.66	429.11	0.089566	3.52	0.65	0.33	1.12	4.60	2.17
Reach 1	8	Max WS	UF_Tr30_d6	0.70	428.12	428.27	428.34	428.51	0.113424	2.16			0.32	3.01	2.11
Reach 1	7	Max WS	UF_Tr30_d2	1.80	423.40	423.89	423.91	424.09	0.023834	1.95			0.92	2.94	1.11
Reach 1	7	Max WS	UF_Tr30_d1	3.00	423.40	424.15		424.30	0.010470	1.69			1.77	3.63	0.77
Reach 1	7	Max WS	UF_Tr30_d0.5	3.87	423.40	424.33		424.45	0.007066	1.58			2.45	4.08	0.65
Reach 1	7	Max WS	UF_Tr30_d6	0.70	423.40	423.67	423.74	423.89	0.070675	2.09			0.33	2.25	1.73
Reach 1	6	Max WS	UF_Tr30_d2	1.80	422.97	423.83		423.94	0.009344	1.49			1.21	2.49	0.68
Reach 1	6	Max WS	UF_Tr30_d1	3.00	422.97	424.12		424.23	0.006389	1.49			2.01	3.00	0.58
Reach 1	6	Max WS	UF_Tr30_d0.5	3.87	422.97	424.31		424.42	0.005223	1.48		0.04	2.62	3.33	0.53
Reach 1	6	Max WS	UF_Tr30_d6	0.70	422.97	423.52		423.60	0.012121	1.28			0.55	1.77	0.74
Reach 1	5			Culvert											
Reach 1	4	Max WS	UF_Tr30_d2	0.10	414.41	415.54		415.54	0.000002	0.04	0.00	0.01	3.59	4.00	0.01
Reach 1	4	Max WS	UF_Tr30_d1	0.10	414.41	415.54		415.54	0.000002	0.04	0.00	0.01	3.59	4.00	0.01
Reach 1	4	Max WS	UF_Tr30_d0.5	0.10	414.41	415.54		415.54	0.000002	0.04	0.00	0.01	3.59	4.00	0.01
Reach 1	4	Max WS	UF_Tr30_d6	0.10	414.41	415.54		415.54	0.000002	0.04	0.00	0.01	3.59	4.00	0.01
Reach 1	3	Max WS	UF_Tr30_d2	0.10	414.31	415.54		415.54	0.000001	0.03	0.00	0.01	3.76	4.00	0.01
Reach 1	3	Max WS	UF_Tr30_d1	0.10	414.31	415.54		415.54	0.000001	0.03	0.00	0.01	3.76	4.00	0.01
Reach 1	3	Max WS	UF_Tr30_d0.5	0.10	414.31	415.54		415.54	0.000001	0.03	0.00	0.01	3.76	4.00	0.01
Reach 1	3	Max WS	UF_Tr30_d6	0.10	414.31	415.54		415.54	0.000001	0.03	0.00	0.01	3.76	4.00	0.01
Reach 1	2.99			Lat Struct											
Reach 1	2.98			Lat Struct											
Reach 1	2	Max WS	UF_Tr30_d2	-15.30	413.60	415.18		415.55	0.010041	-2.90		-1.27	6.25	4.14	0.75
Reach 1	2	Max WS	UF_Tr30_d1	-15.33	413.60	415.18		415.56	0.010089	-2.91		-1.27	6.25	4.14	0.75
Reach 1	2	Max WS	UF_Tr30_d0.5	-15.33	413.60	415.18		415.56	0.010086	-2.91		-1.27	6.25	4.14	0.75
Reach 1	2	Max WS	UF_Tr30_d6	-15.26	413.60	415.18		415.56	0.009851	-2.88		-1.26	6.28	4.14	0.74
Reach 1	1	Max WS	UF_Tr30_d2	-52.81	412.70	415.73	415.51	416.94	0.019301	-5.19		-2.09	12.27	4.14	0.96
Reach 1	1	Max WS	UF_Tr30_d1	-52.81	412.70	415.73	415.52	416.94	0.019301	-5.19		-2.09	12.27	4.14	0.96
Reach 1	1	Max WS	UF_Tr30_d0.5	-52.81	412.70	415.73	415.51	416.94	0.019301	-5.19		-2.09	12.27	4.14	0.96
Reach 1	1	Max WS	UF_Tr30_d6	-52.70	412.70	415.73	415.52	416.94	0.019220	-5.17		-2.09	12.27	4.14	0.95

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "FOSSO DI MEZZO AV1163"

Fosso di Mezzo

MODELLAZIONE PER TR=30 e 200 ANNI

DURATA DI PIOGGIA: 0.5, 1 e 2 h

Profilo longitudinale

Sezioni Trasversali

Dati idraulici

ALLEGATI

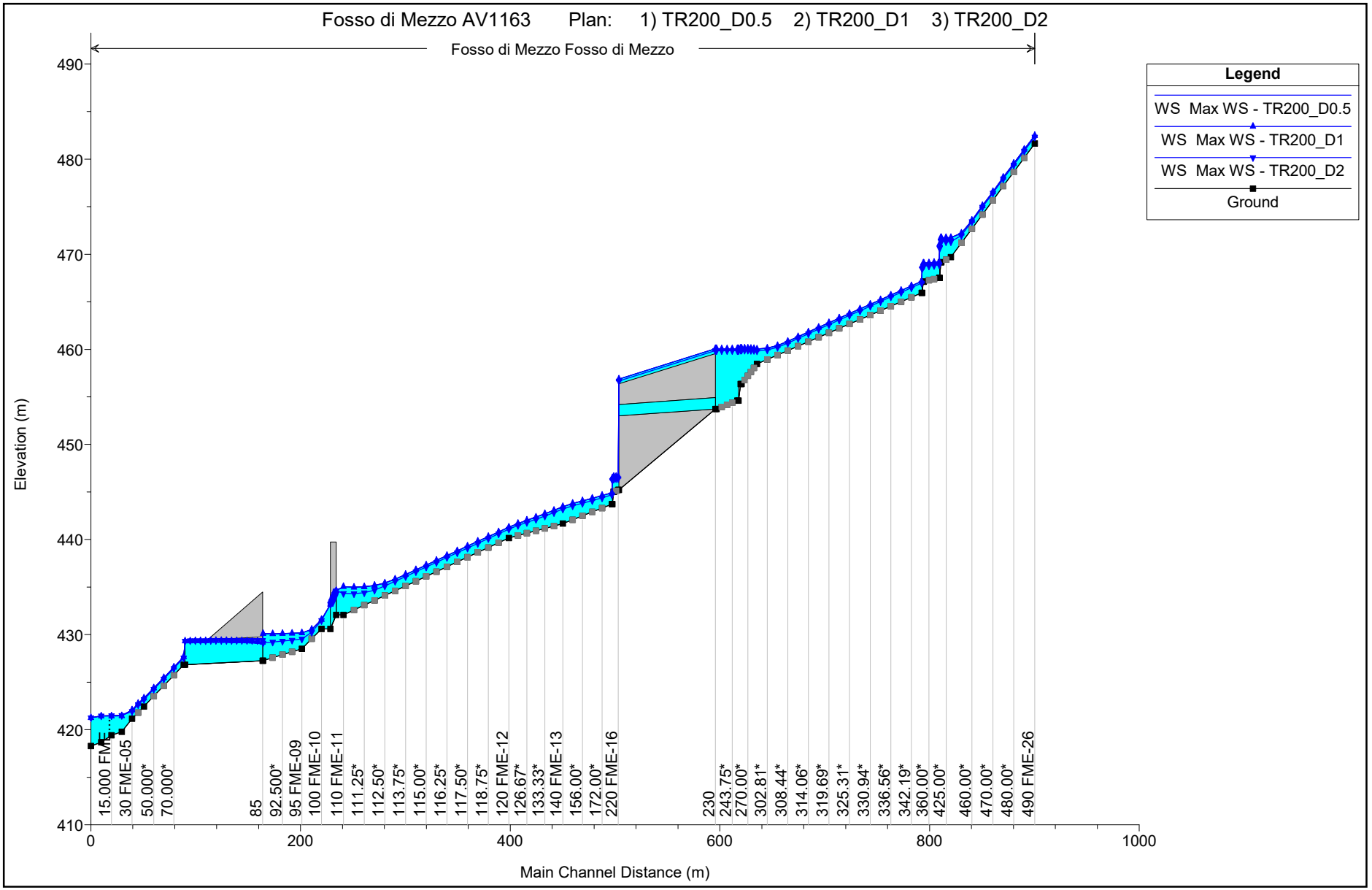
MODELLAZIONE HEC-RAS 5.0.7 "FOSSO DI MEZZO AV1163"

Fosso di Mezzo

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 0.5, 1 e 2 h

Profilo longitudinale


Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
Fosso di Mezzo Fosso di Mezzo
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Elevation (m)
Main Channel Distance (m)
490
480
470
460
450
440
430
420
410
0
200
400
600
800
1000
15.000 FM...
30 FME-05
50.000*
70.000*
85
92.500*
95 FME-09
100 FME-10
110 FME-11
111.25*
112.50*
113.75*
115.00*
116.25*
117.50*
118.75*
120 FME-12
126.67*
133.33*
140 FME-13
156.00*
172.00*
220 FME-16
230
243.75*
270.00*
302.81*
308.44*
314.06*
319.69*
325.31*
330.94*
336.56*
342.19*
360.00*
425.00*
460.00*
470.00*
480.00*
490 FME-26

ALLEGATI

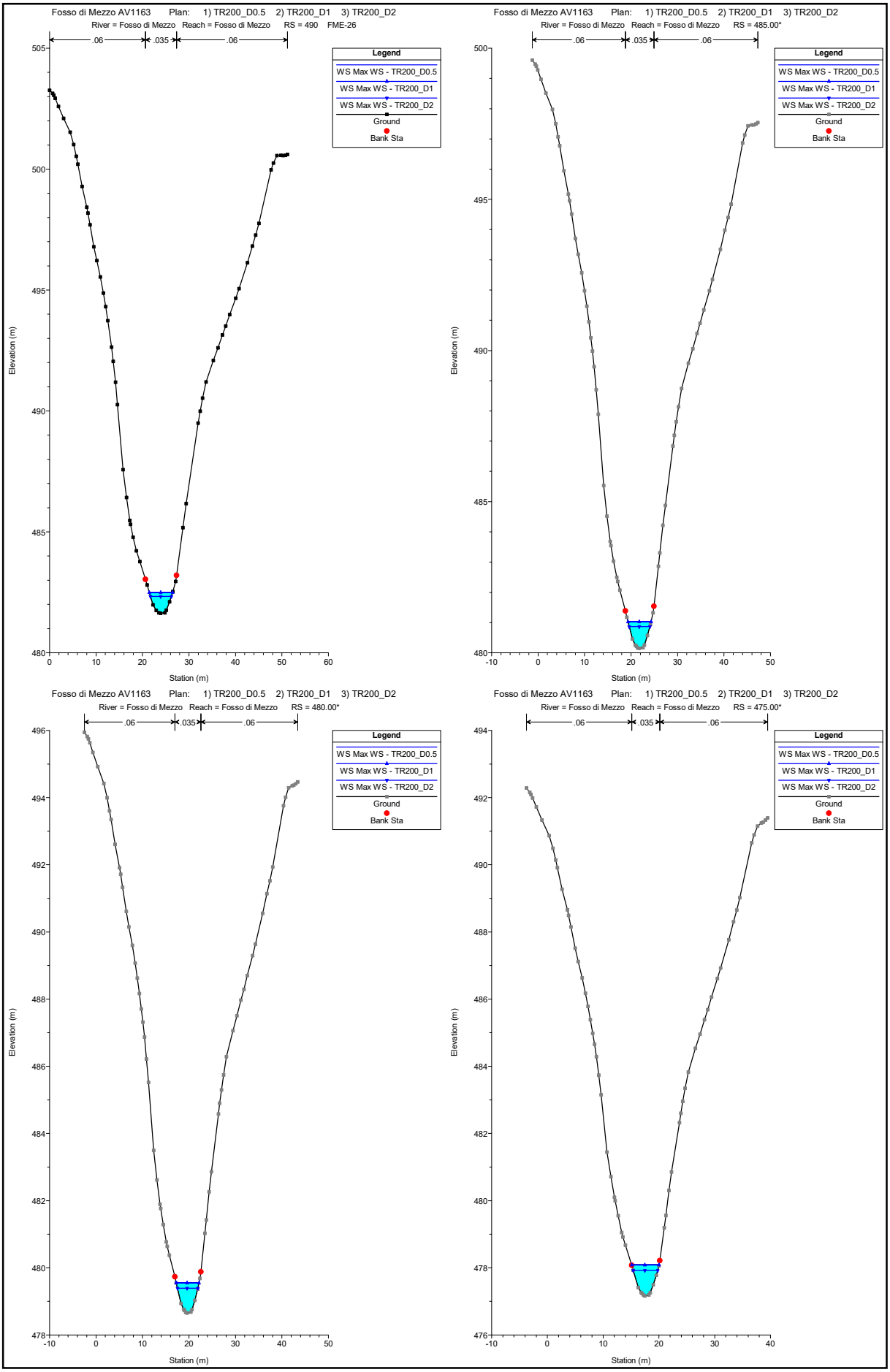
MODELLAZIONE HEC-RAS 5.0.7 "FOSSO DI MEZZO AV1163"

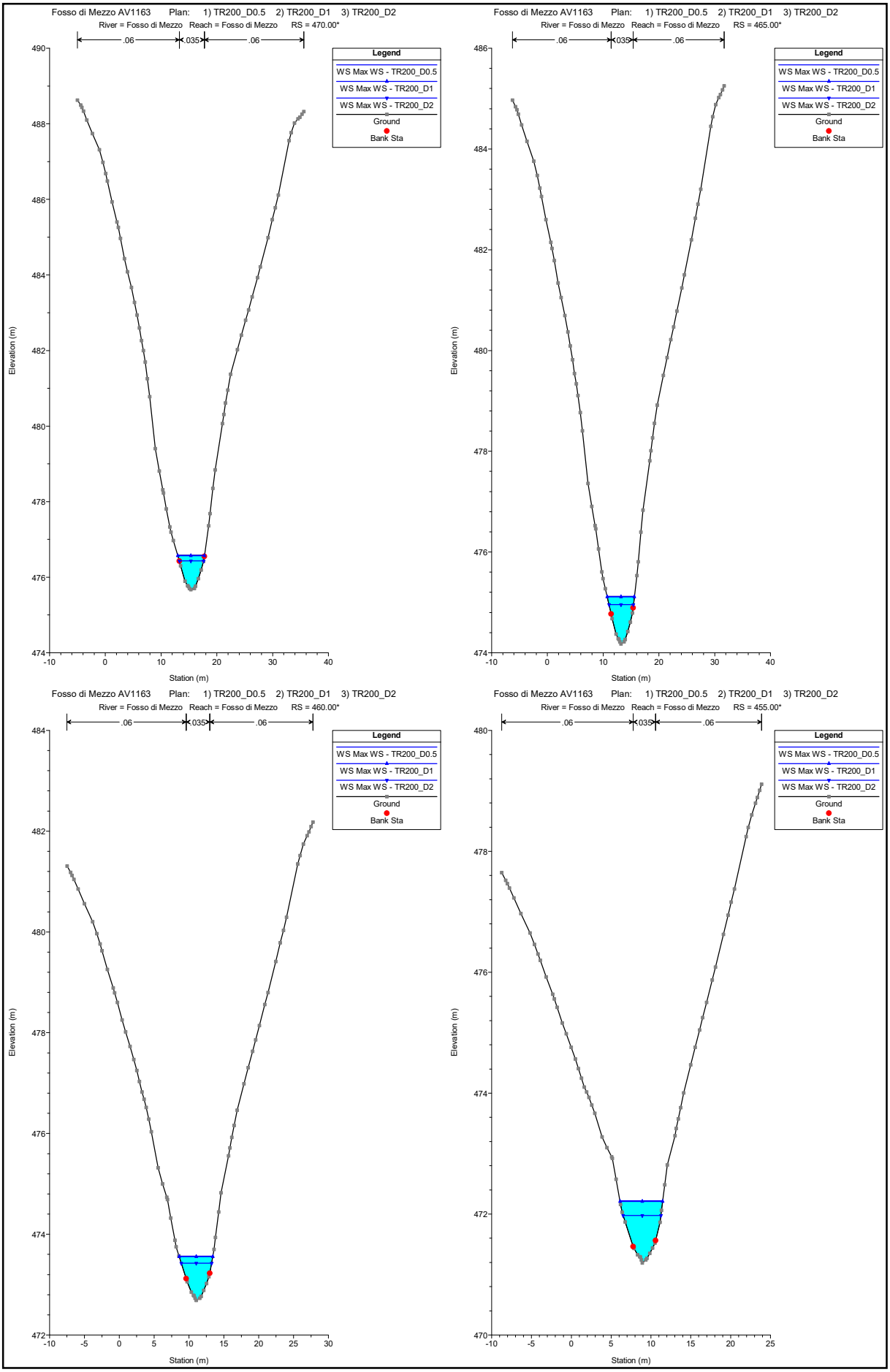
Fosso di Mezzo

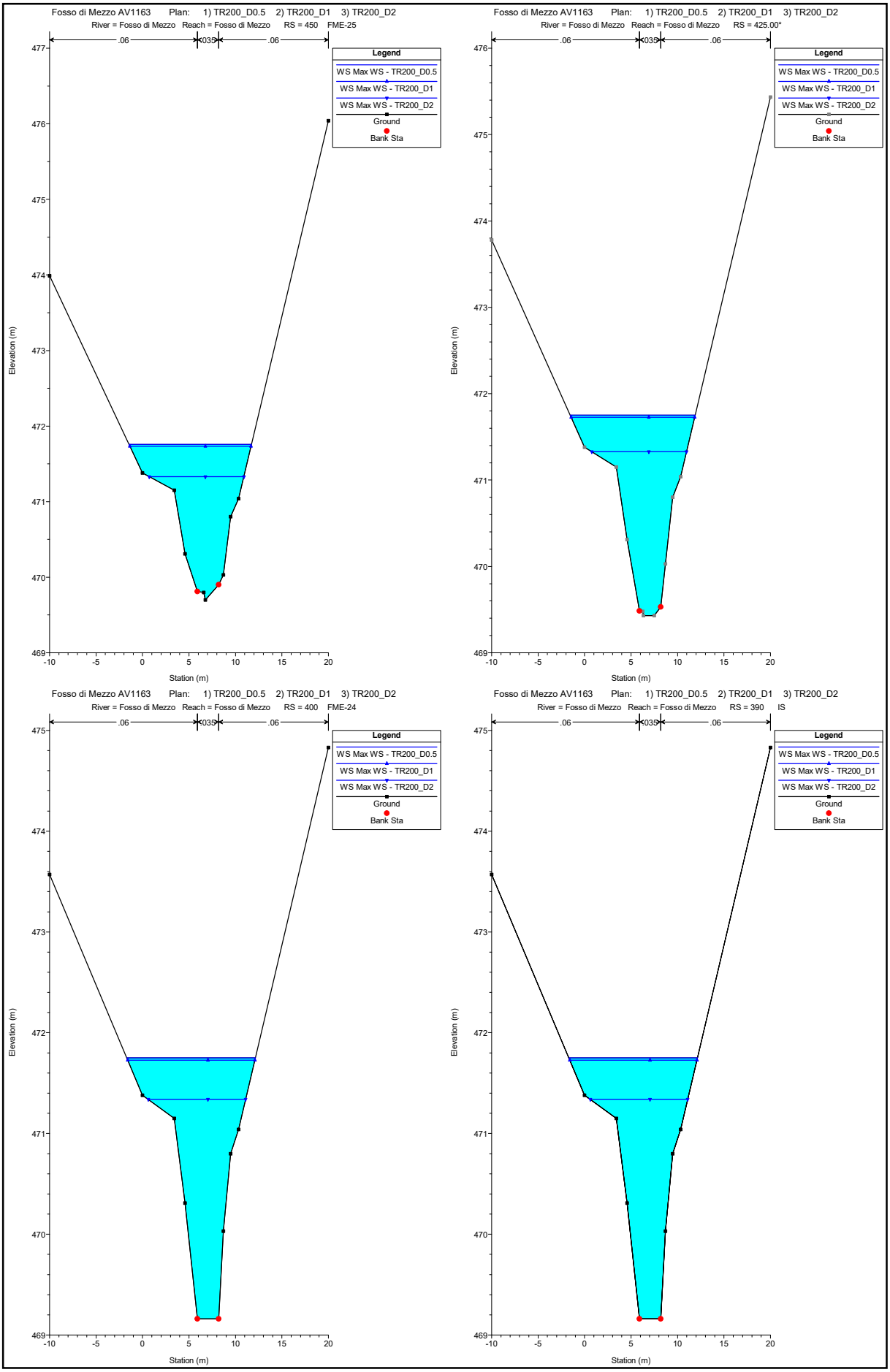
MODELLAZIONE PER TR= 200 anni

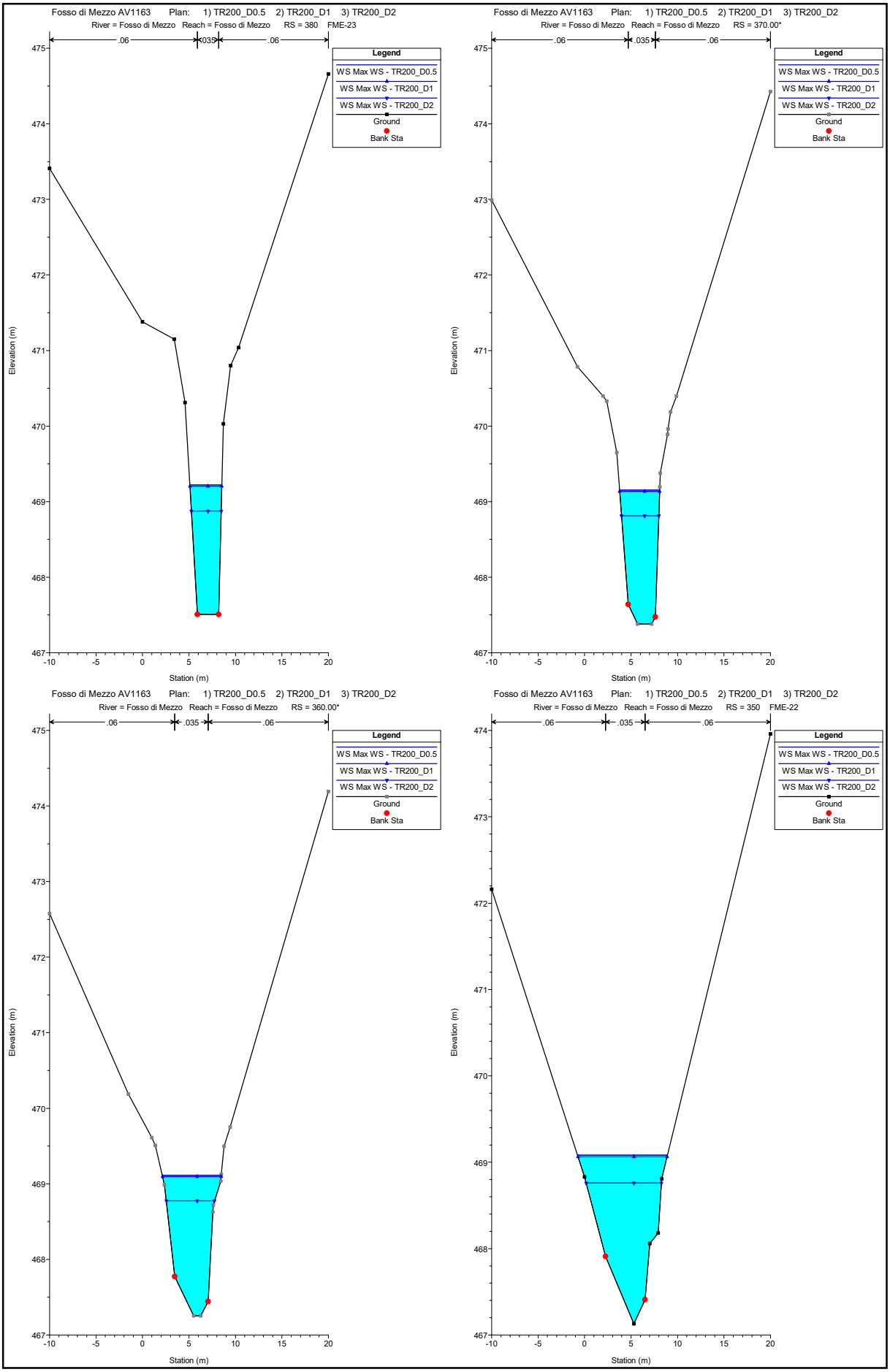
DURATE DI PIOGGIA: 0.5, 1 e 2 h

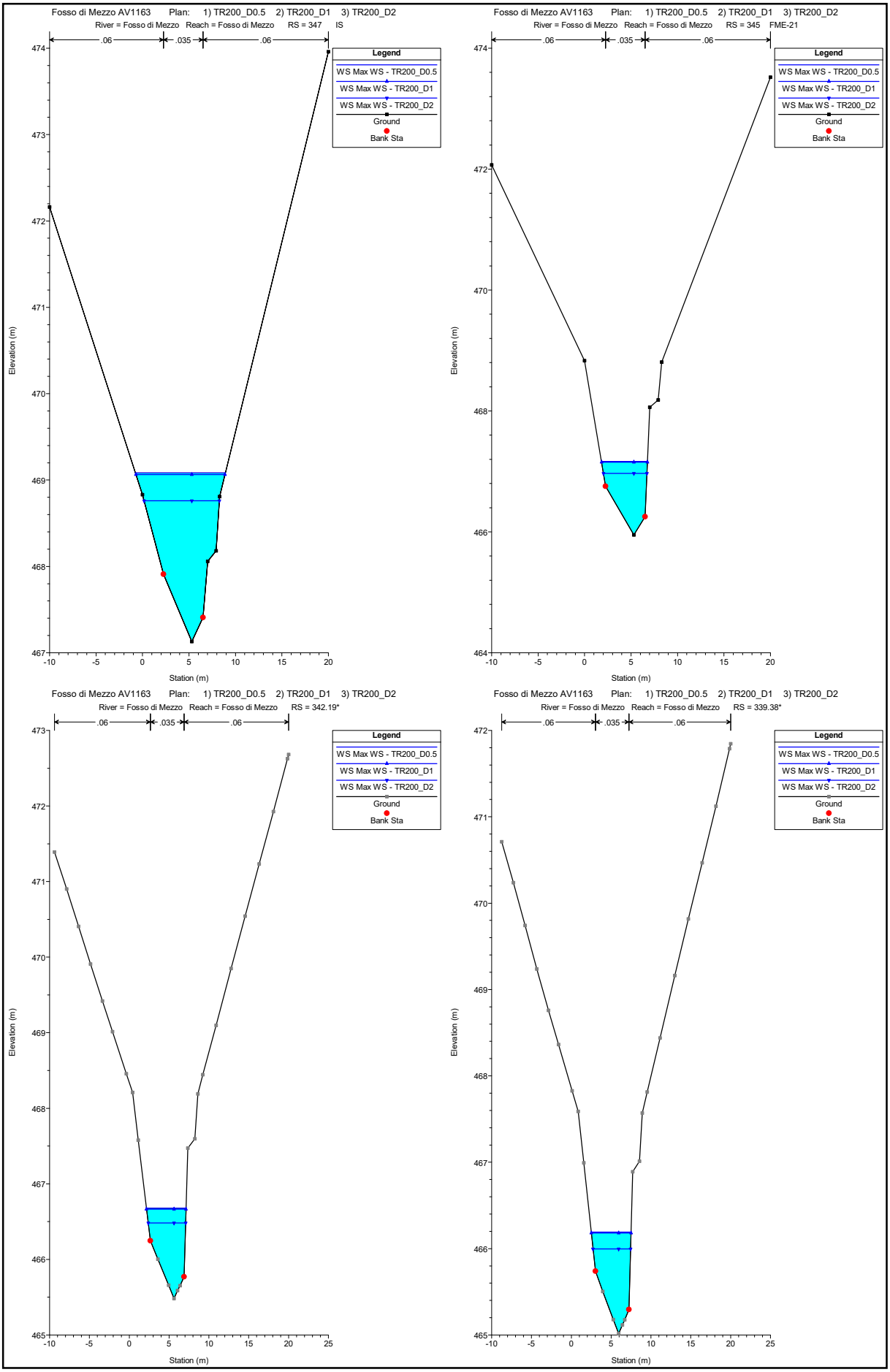
Sezioni Trasversali (da monte verso valle)

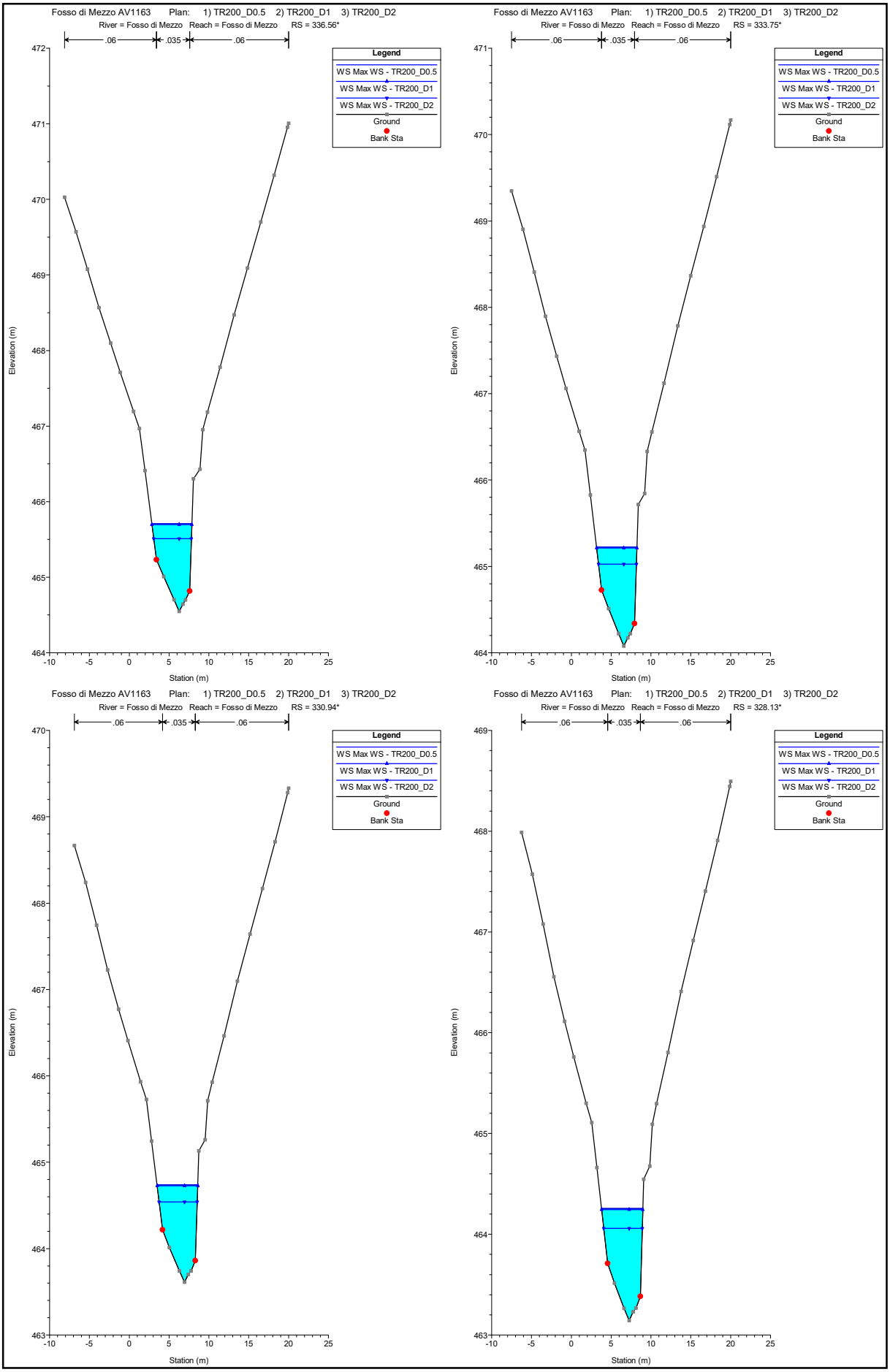

Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 490 FME-26
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 485.00*
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 480.00*
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 475.00*
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

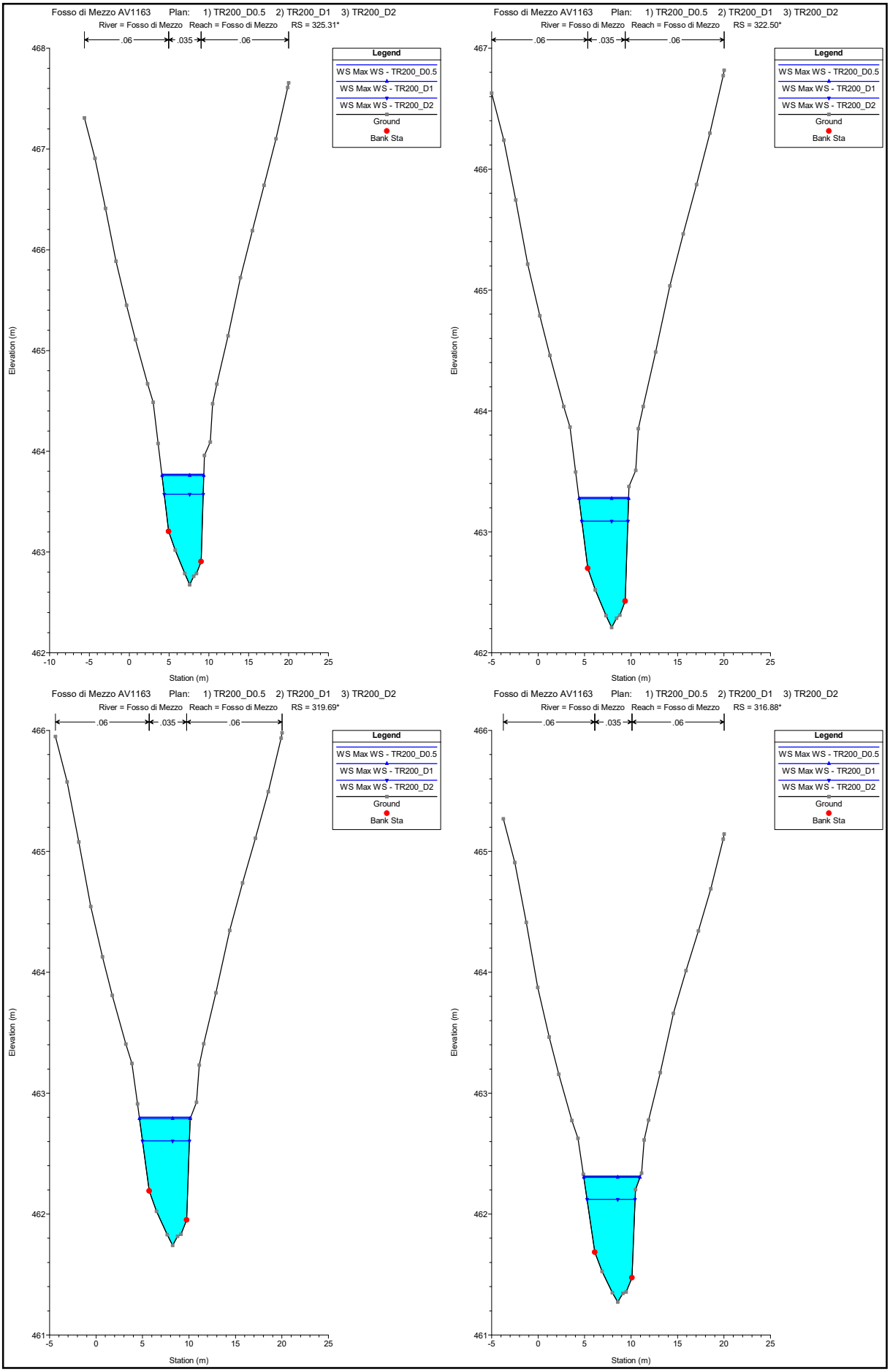

Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 470.00*
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 465.00*
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 460.00*
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 455.00*
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

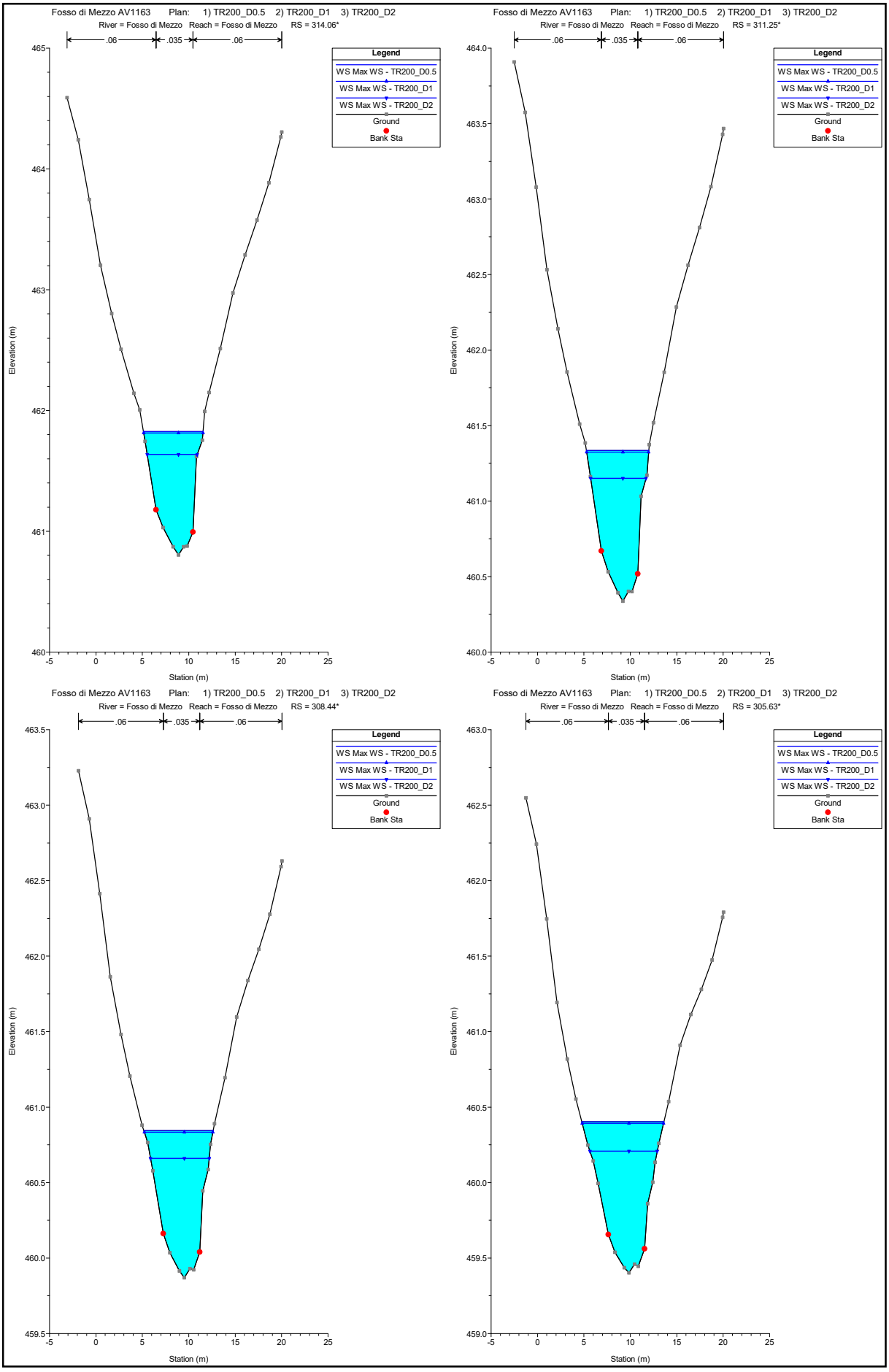

Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 450 FME-25
.06
.039
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 425.00*
.06
.039
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 400 FME-24
.06
.039
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 390 IS
.06
.039
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

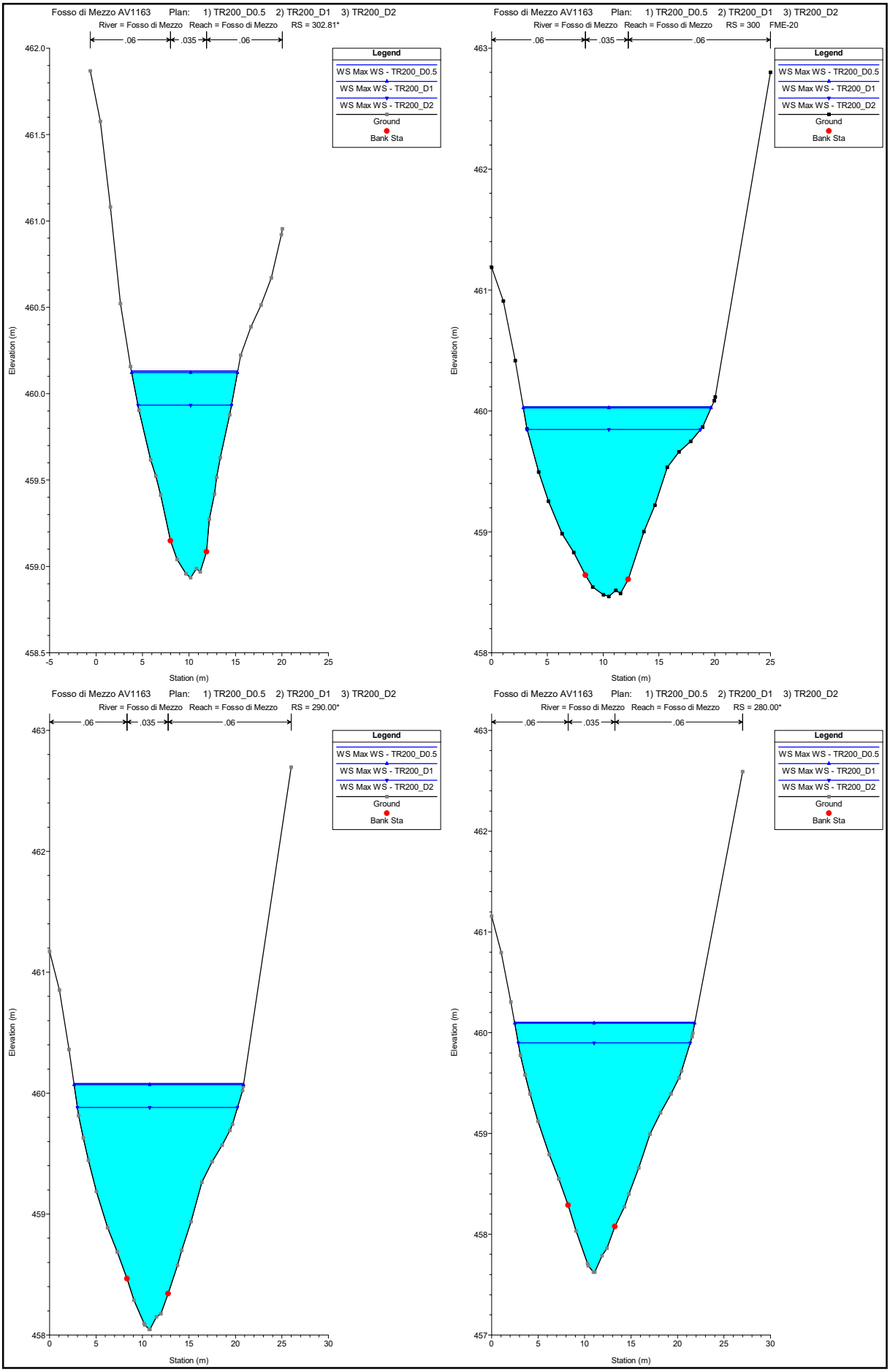

Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 380 FME-23
.06
.035
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 370.00*
Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 360.00*
Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 350 FME-22

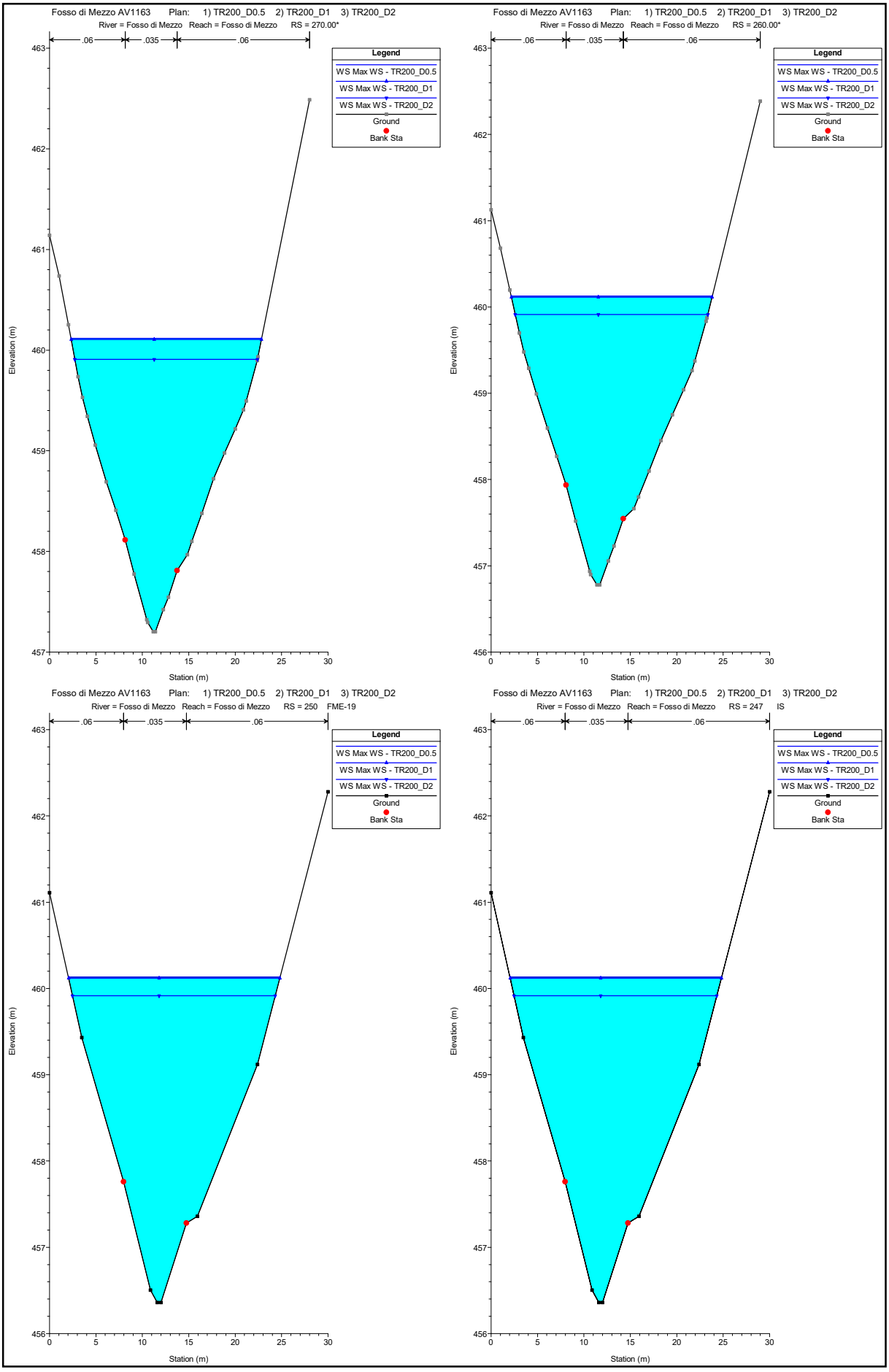

Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 347 IS
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 345 FME-21
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 342.19*
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 339.38*
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

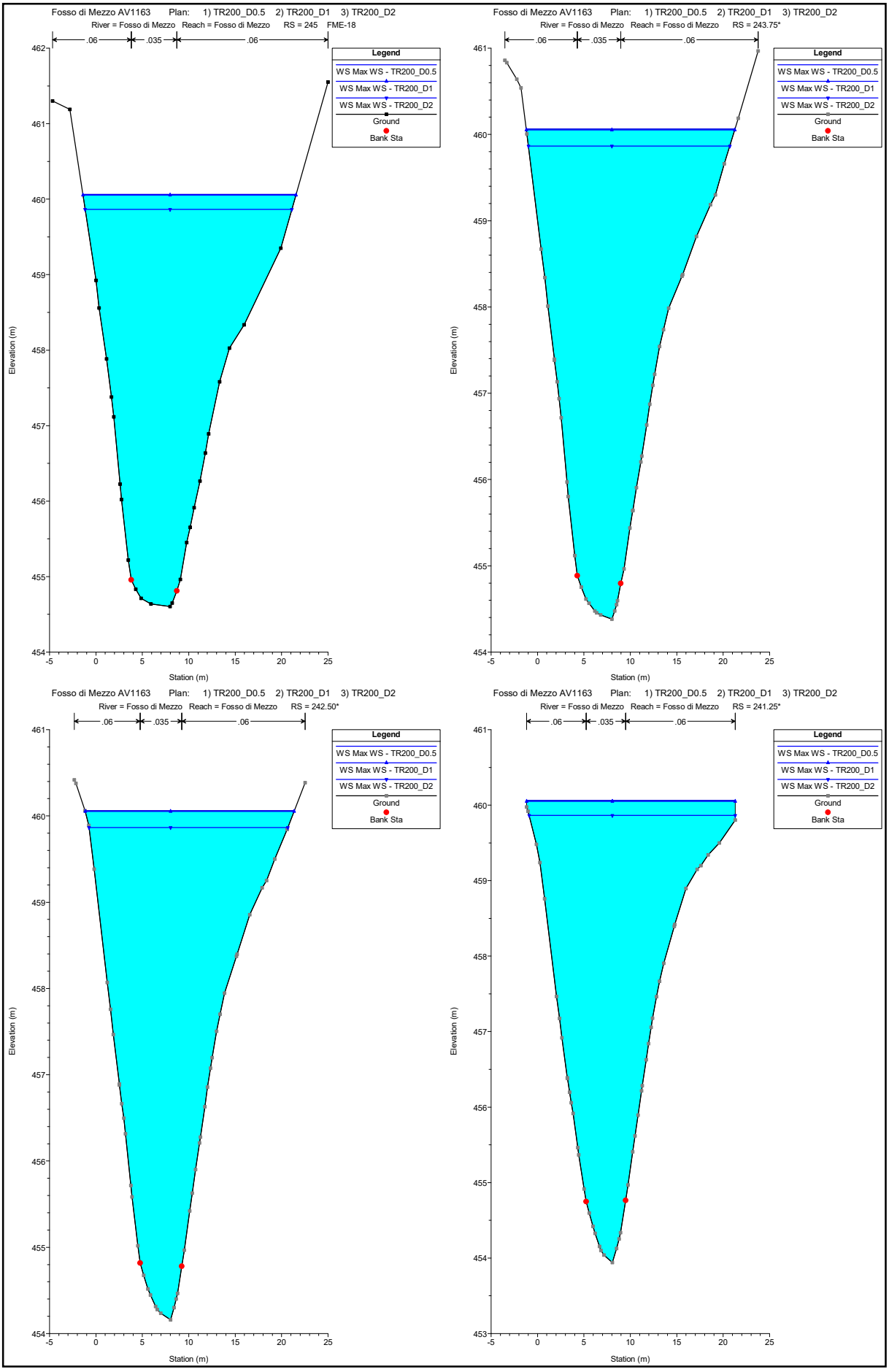

Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 336.56*
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 333.75*
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 330.94*
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 328.13*
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

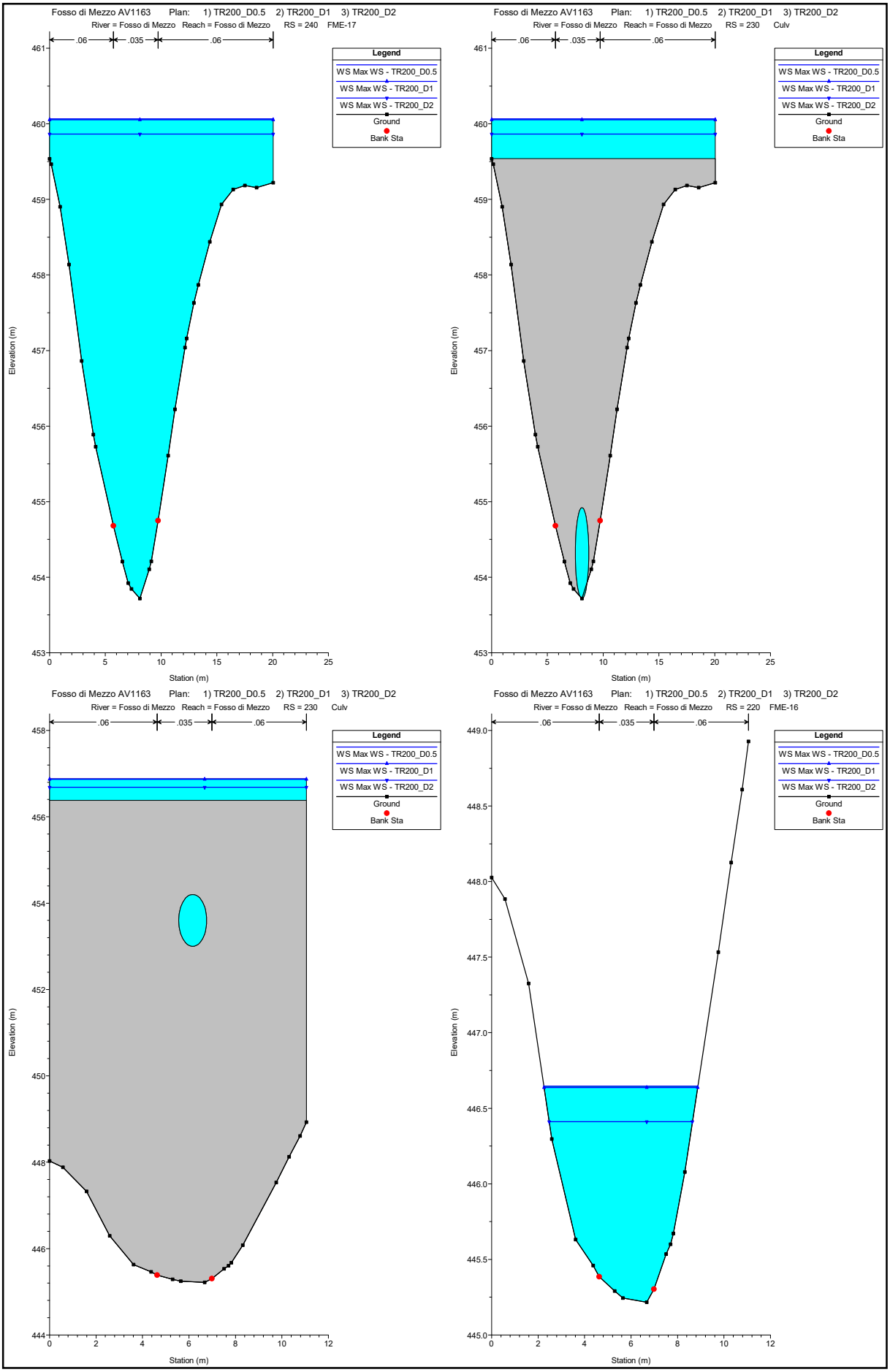

Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 325.31*
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 322.50*
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 319.69*
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 316.88*
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

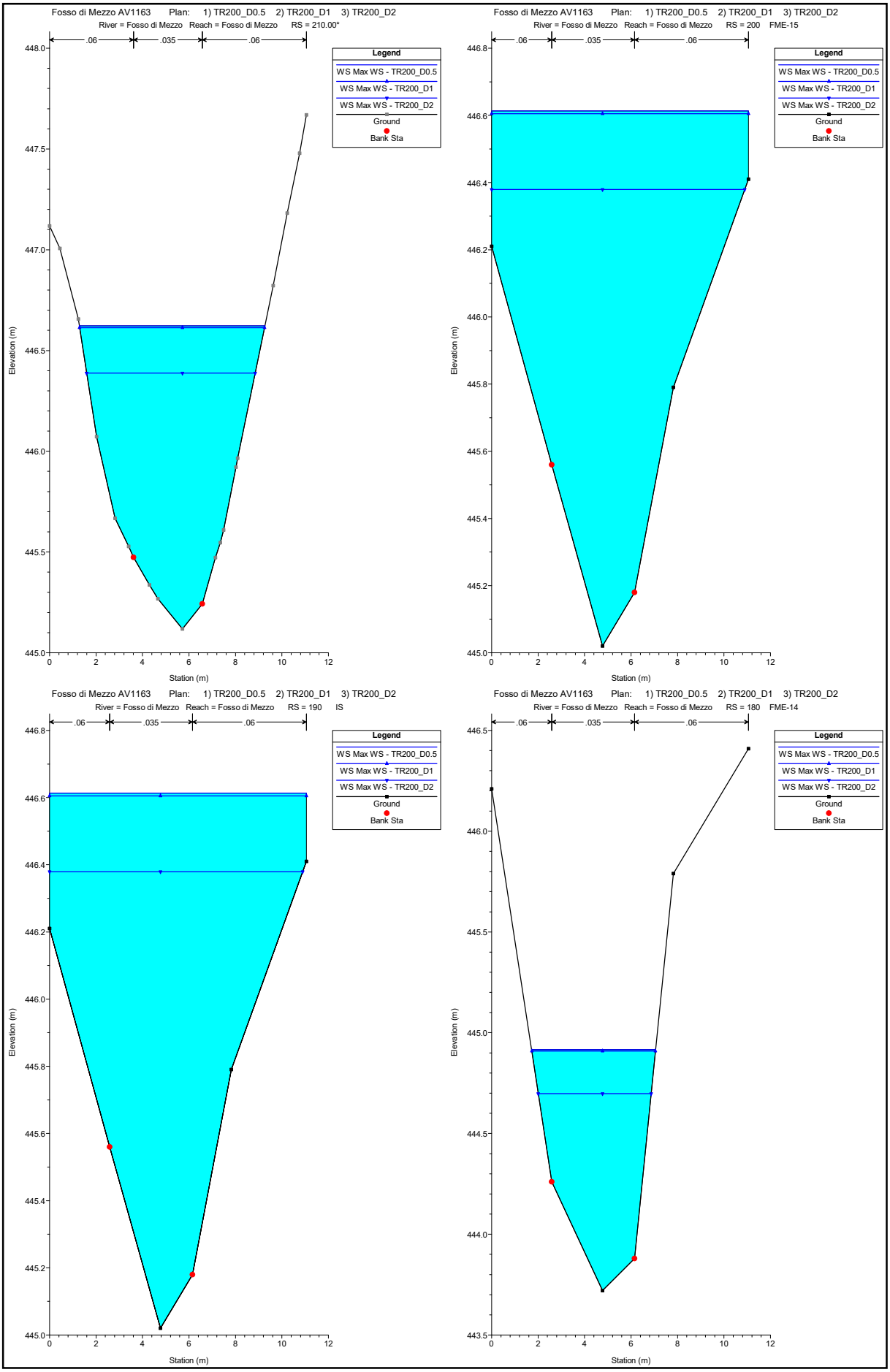

Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 314.06*
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 311.25*
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 308.44*
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 305.63*
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

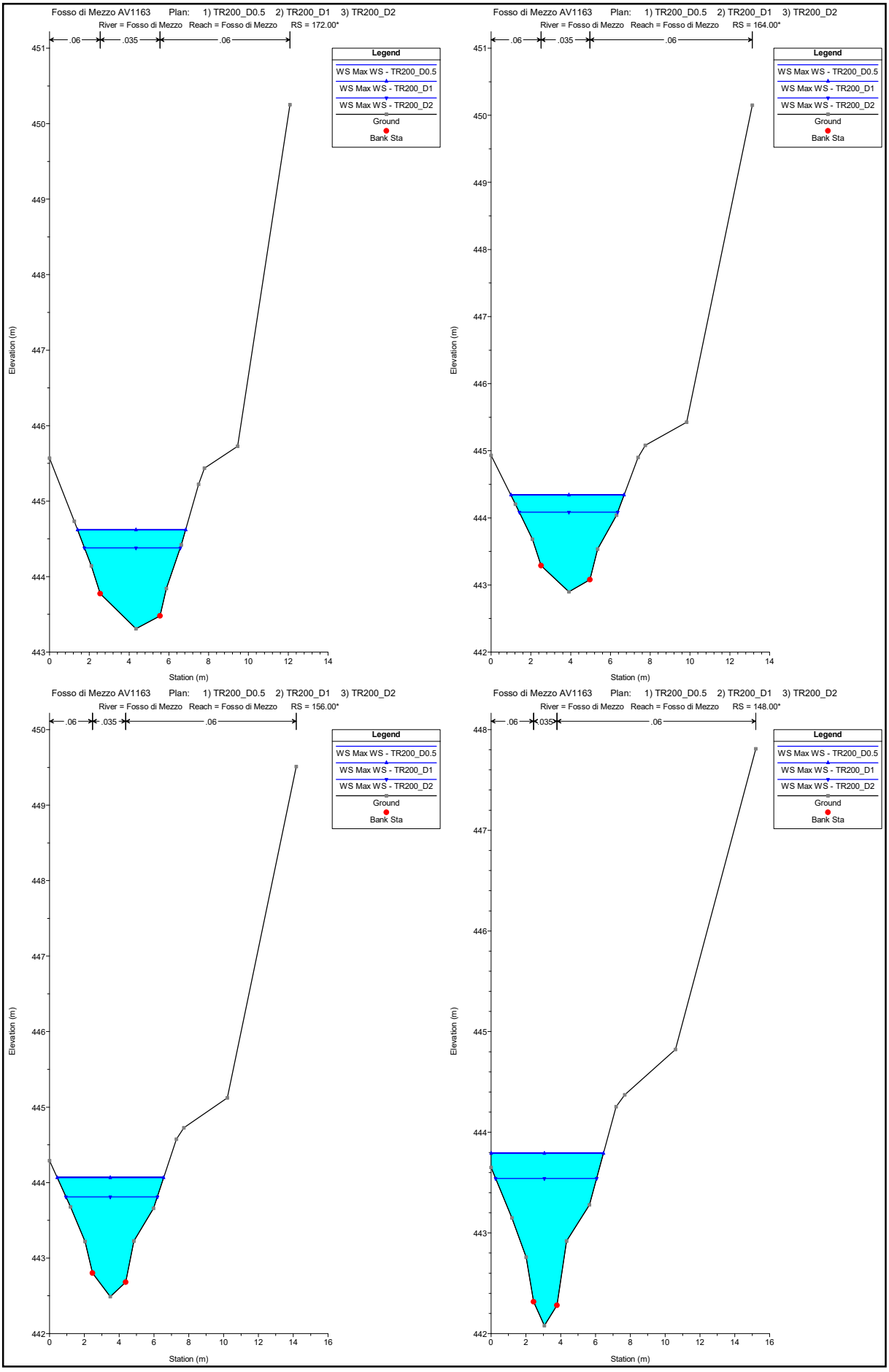

Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 302.81*
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 300 FME-20
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 290.00*
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 280.00*
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

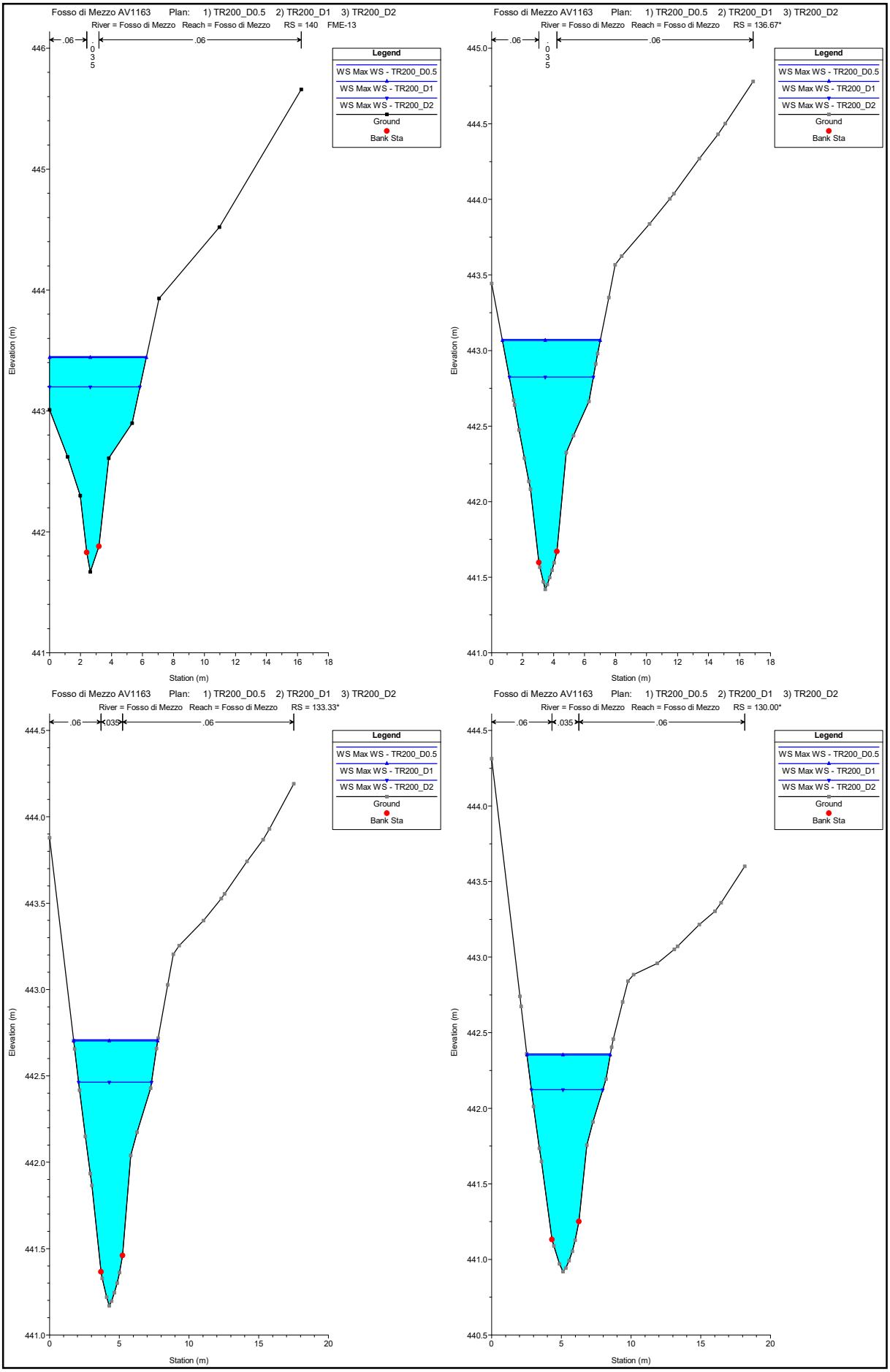

Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 270.00*
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 260.00*
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 250 FME-19
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 247 IS
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

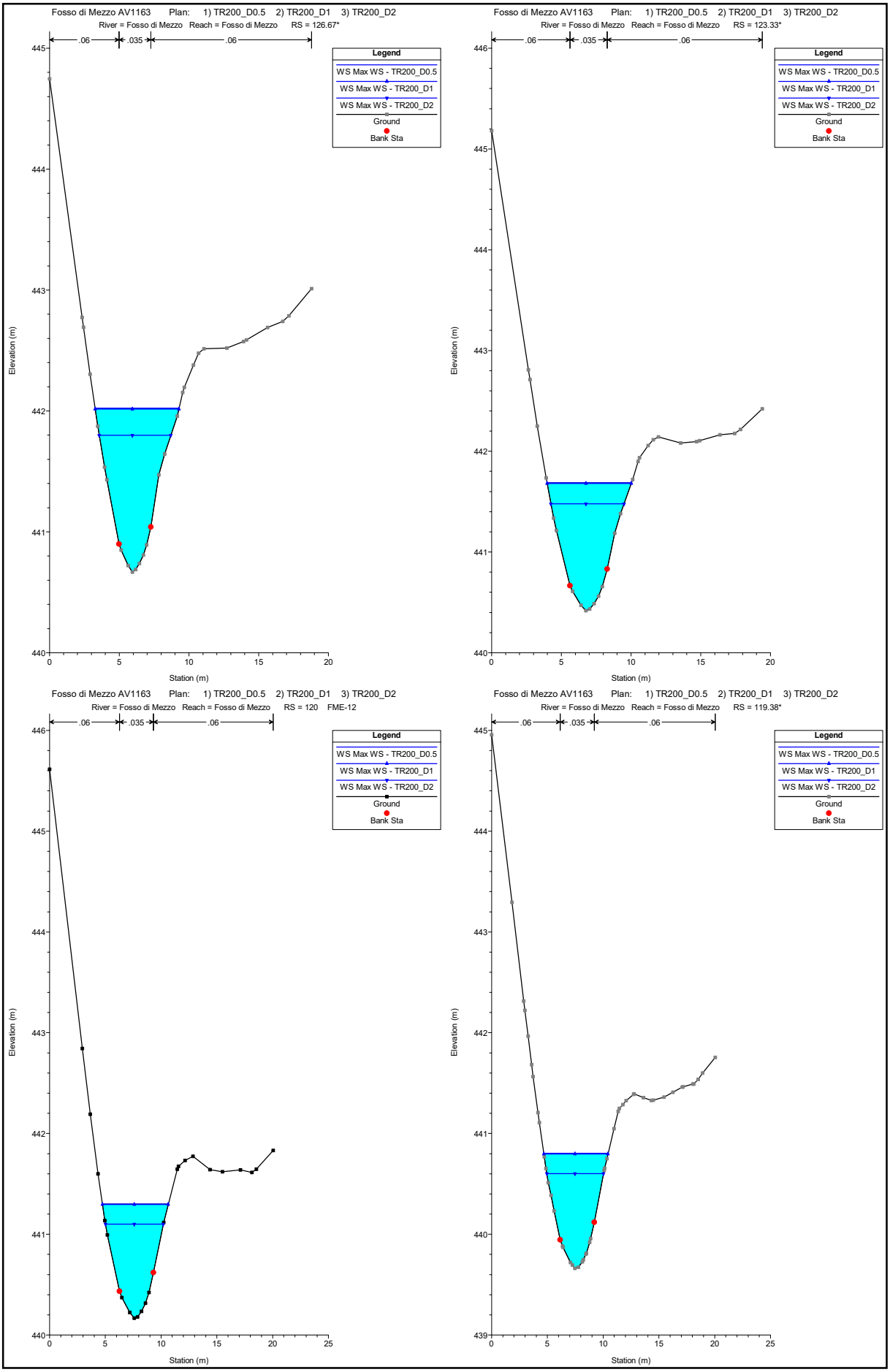

Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 245 FME-18
.06
.035
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 243.75*
Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 242.50*
Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 241.25*

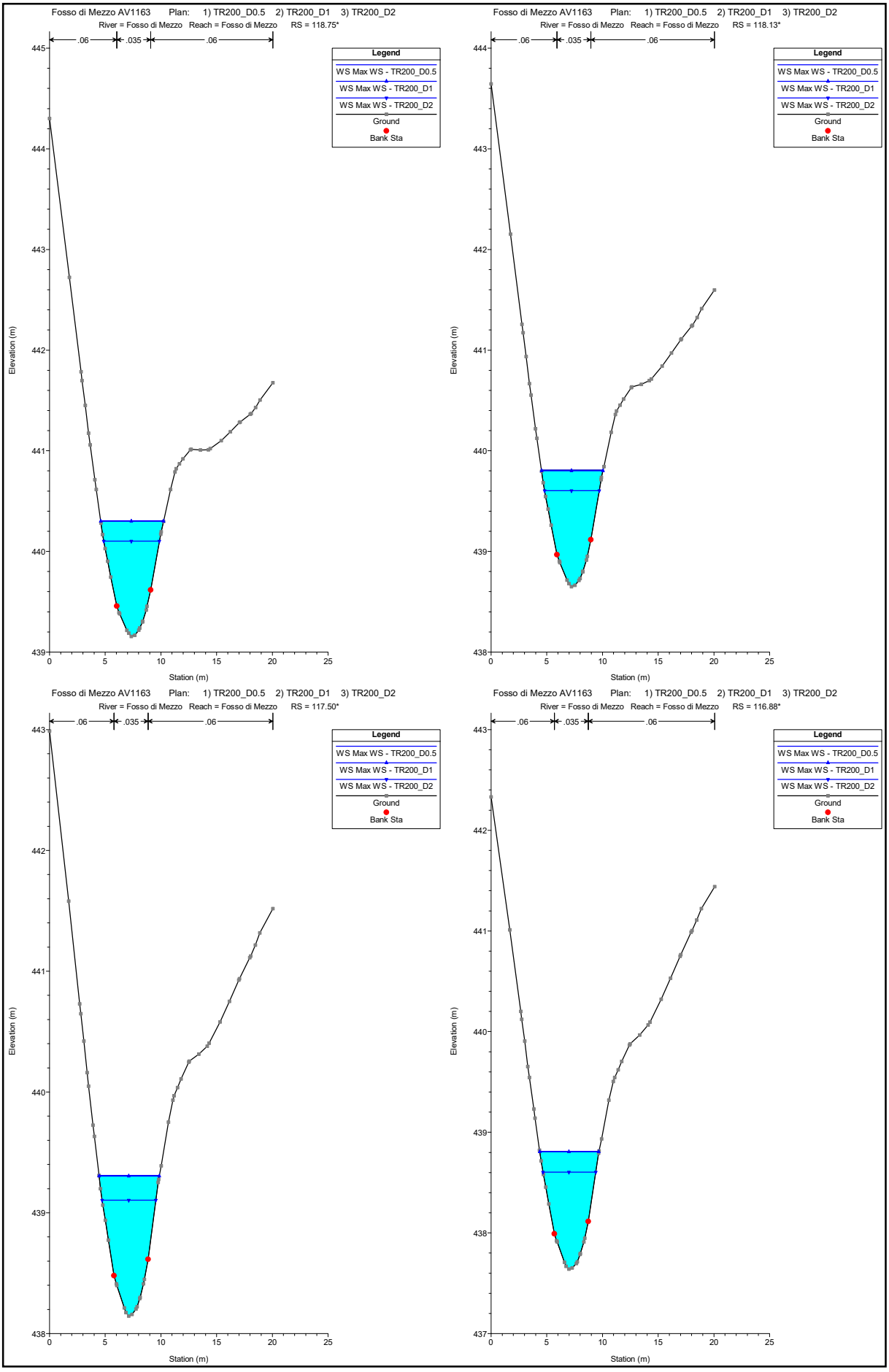

Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 240 FME-17
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 230 Culv
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 230 Culv
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 220 FME-16
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

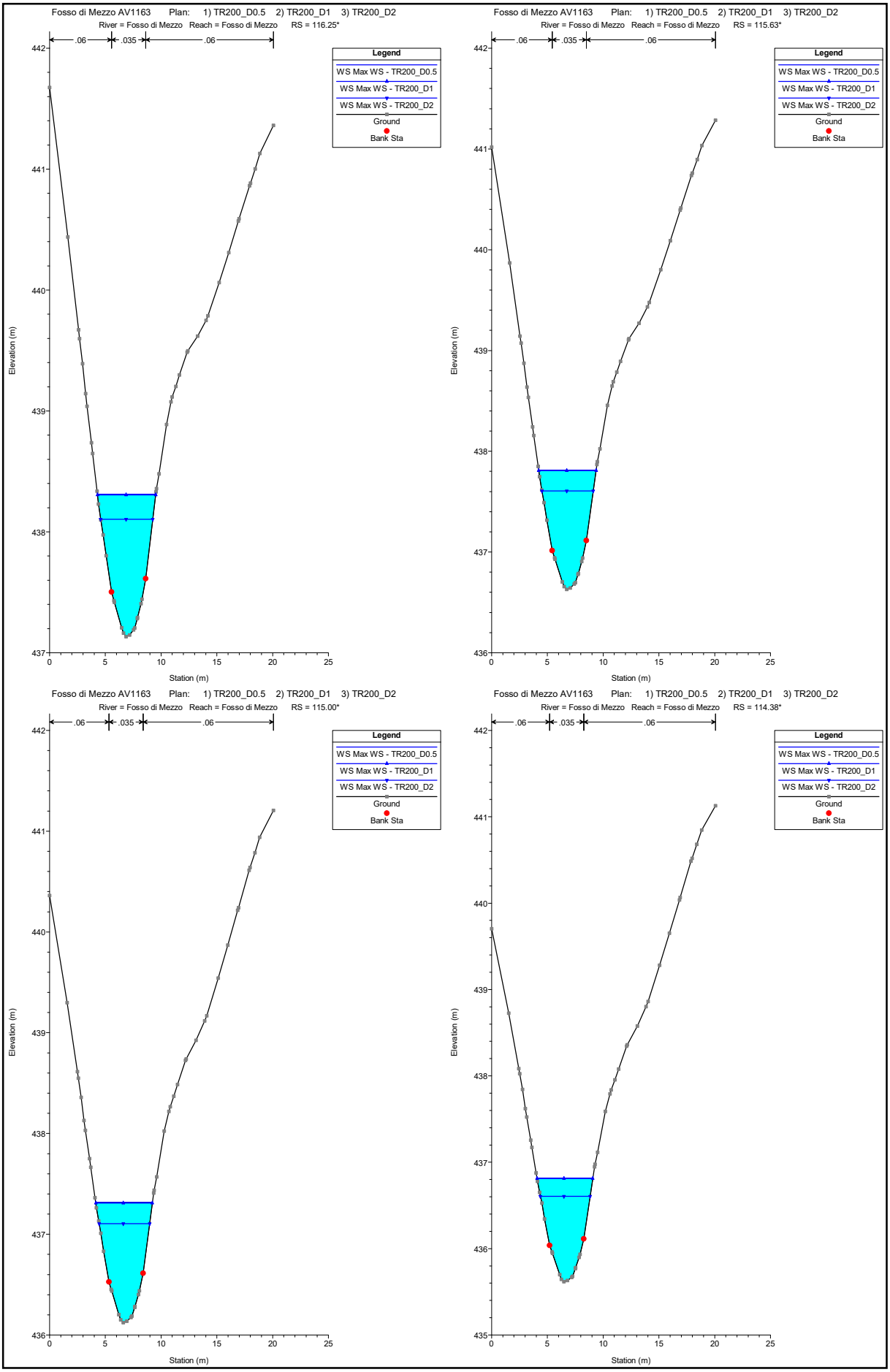

Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 210.00*
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 200 FME-15
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 190 IS
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 180 FME-14
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

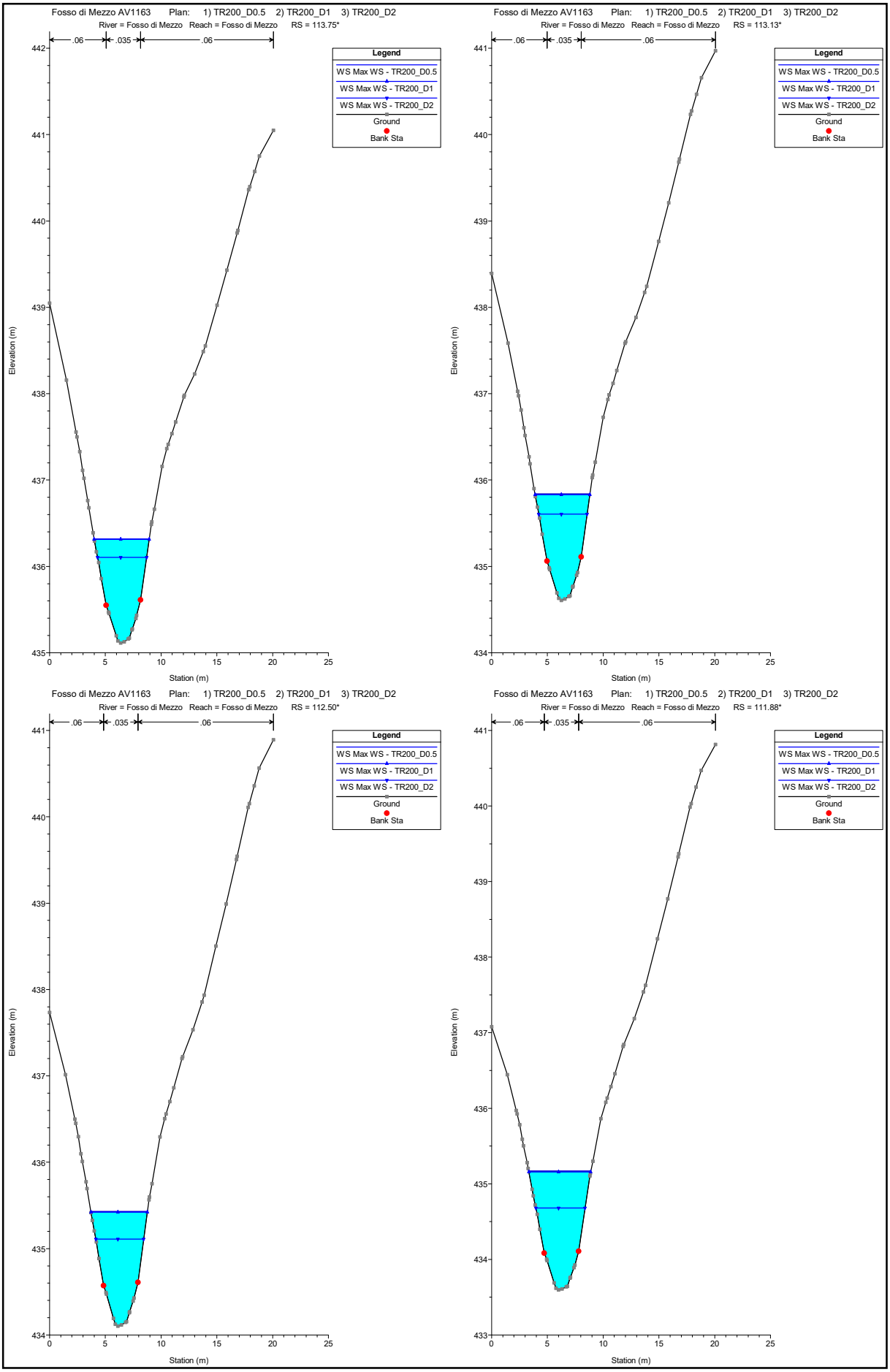

Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 172.00*
.06
.035
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 164.00*
.06
.035
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 156.00*
.06
.035
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 148.00*
.06
.035
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

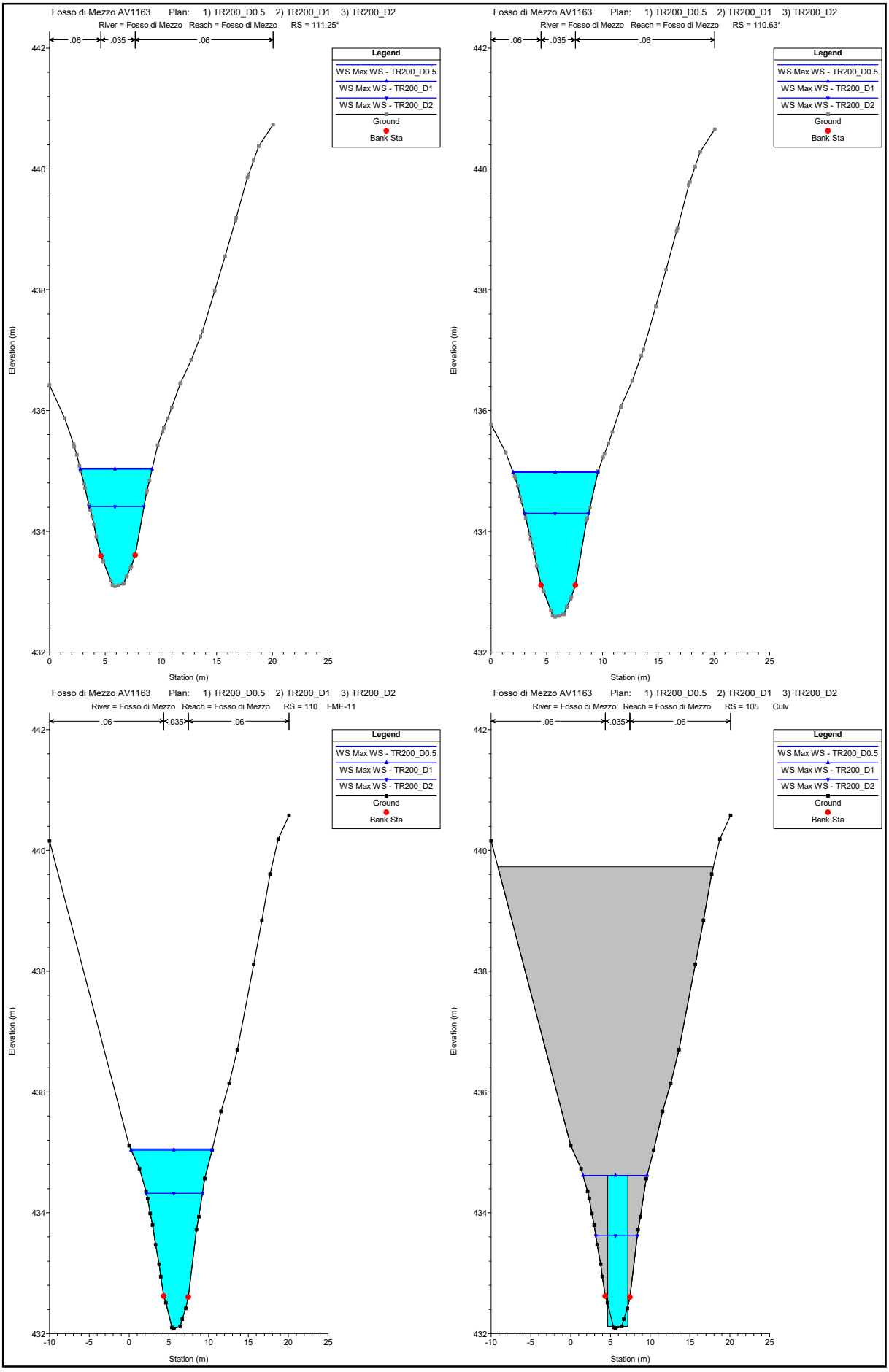

Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 140 FME-13
.06
.035
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 136.67*
.06
.035
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 133.33*
.06
.035
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 130.00*
.06
.035
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

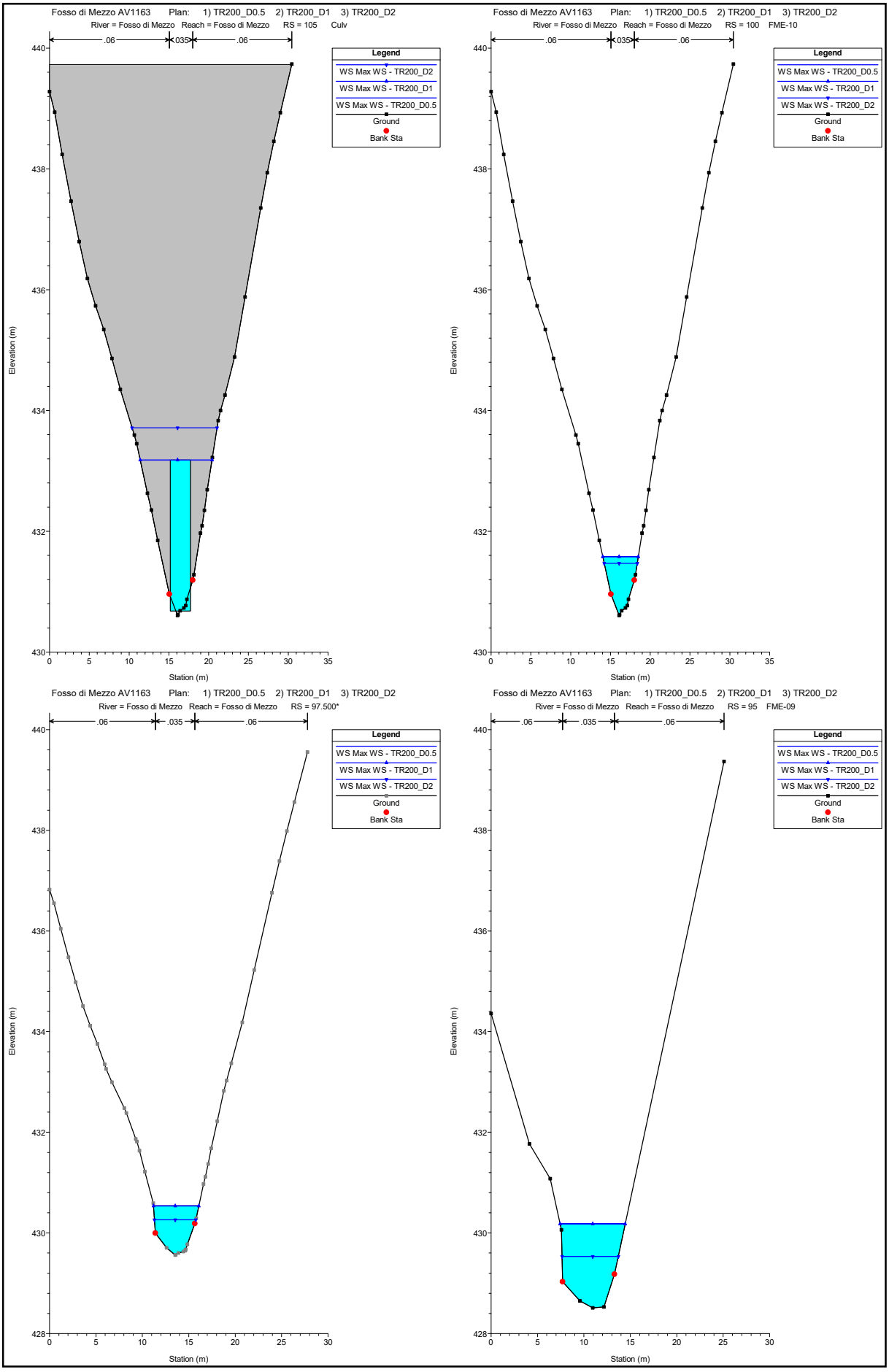

Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 126.67*
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 123.33*
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 120 FME-12
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 119.38*
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

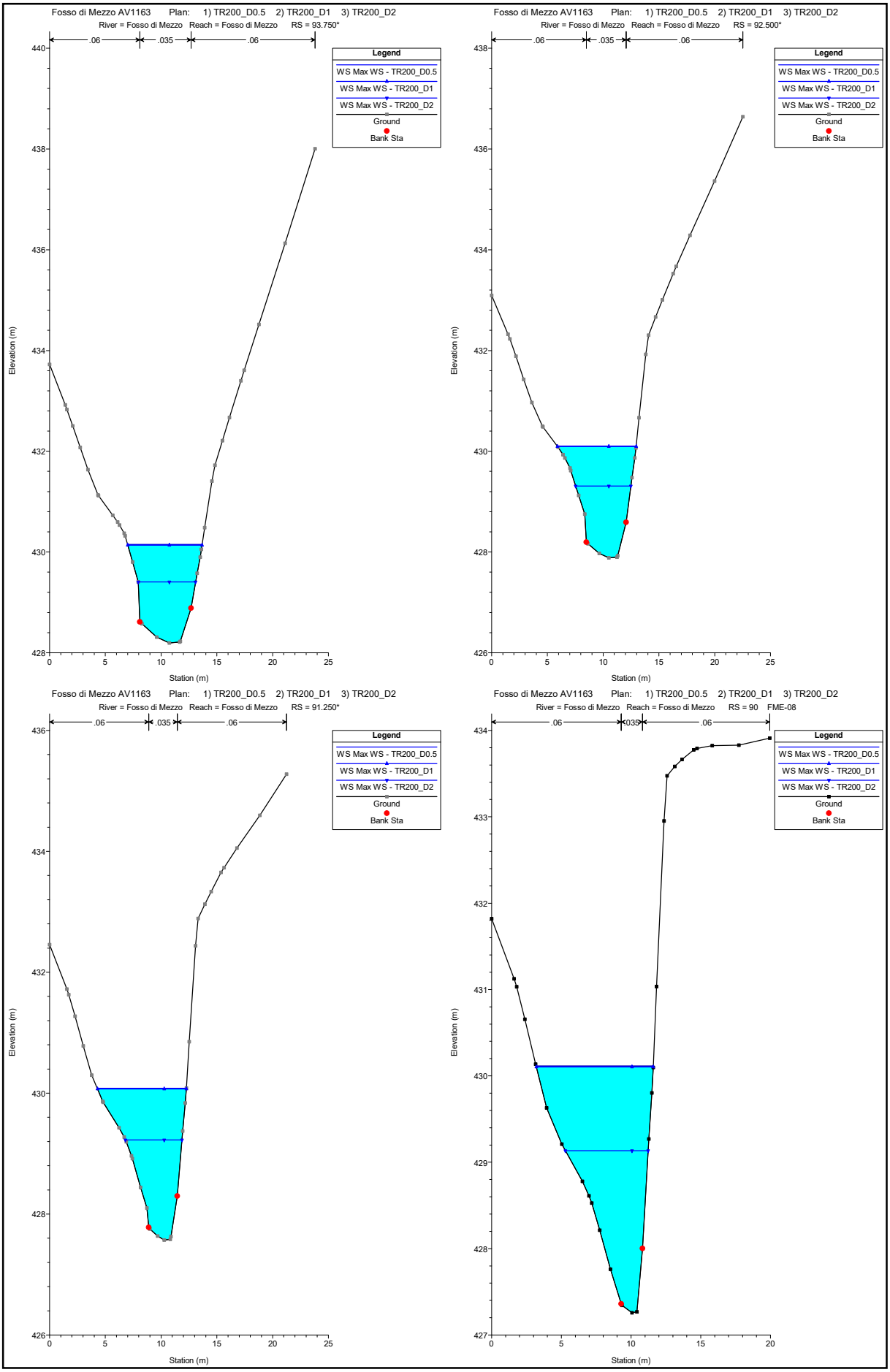

Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 118.75*
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 118.13*
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 117.50*
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 116.88*
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

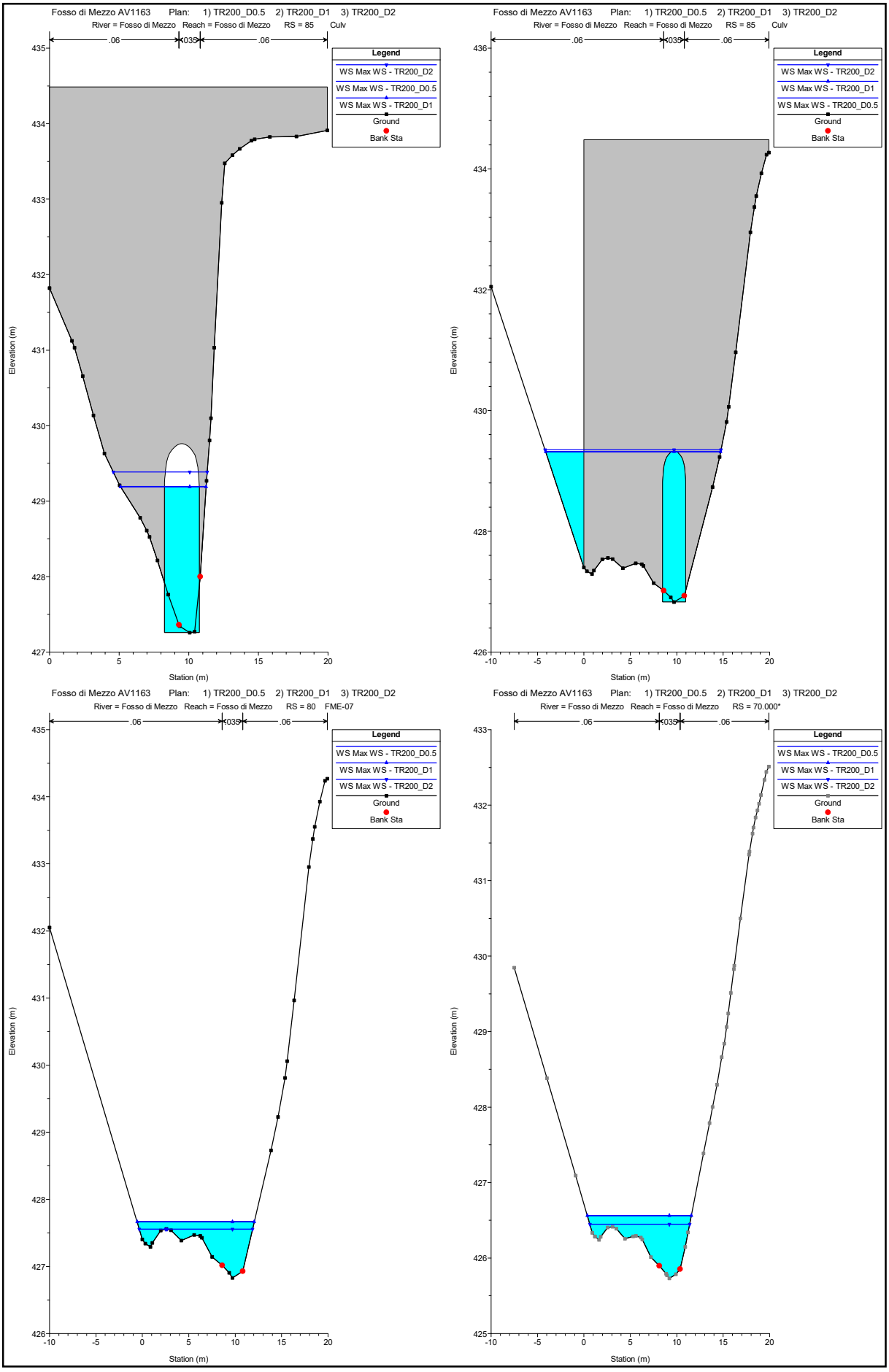

Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 116.25*
.06
.035
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 115.63*
Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 115.00*
Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 114.38*

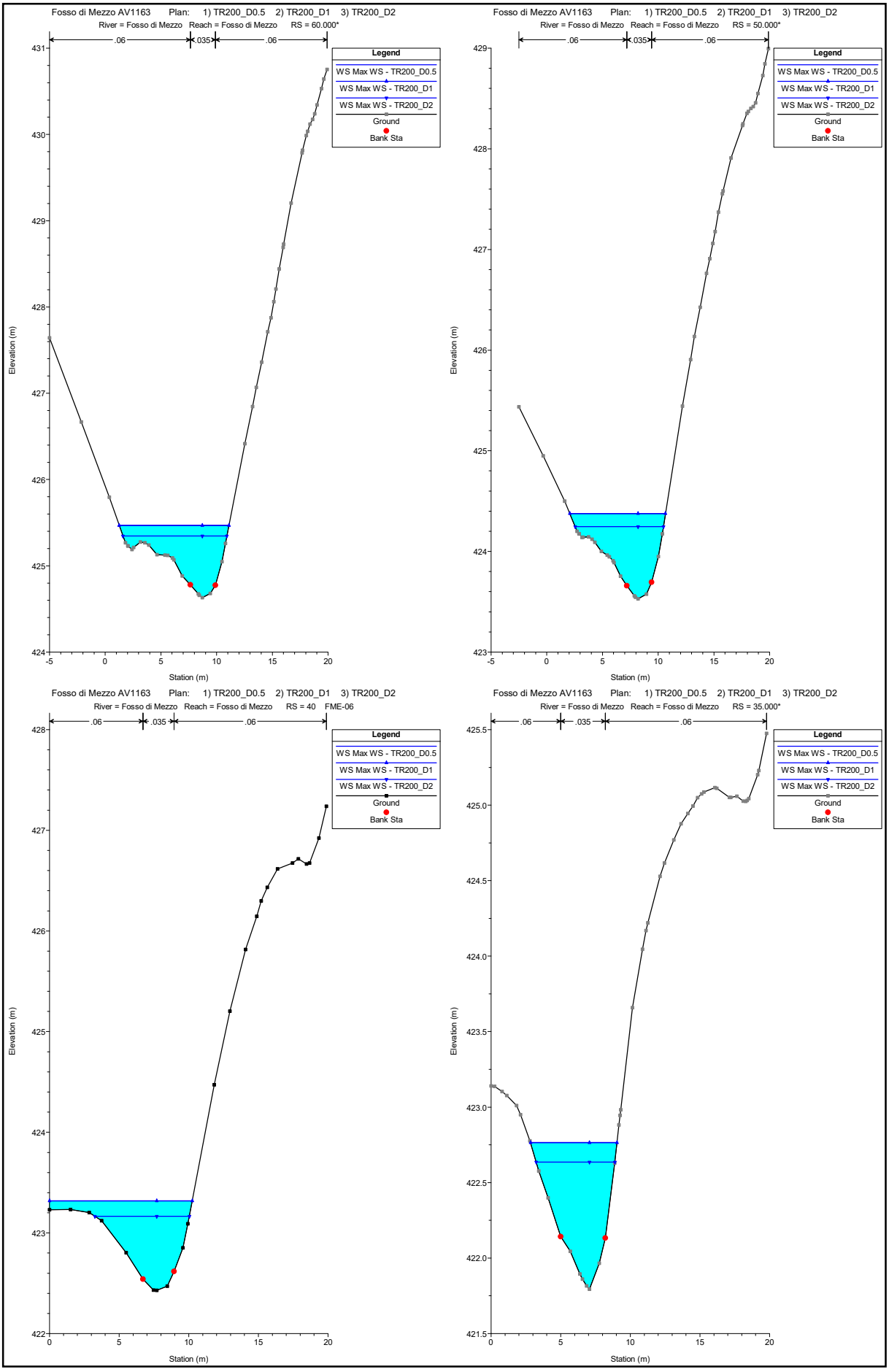

Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 113.75*
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 113.13*
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 112.50*
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 111.88*
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

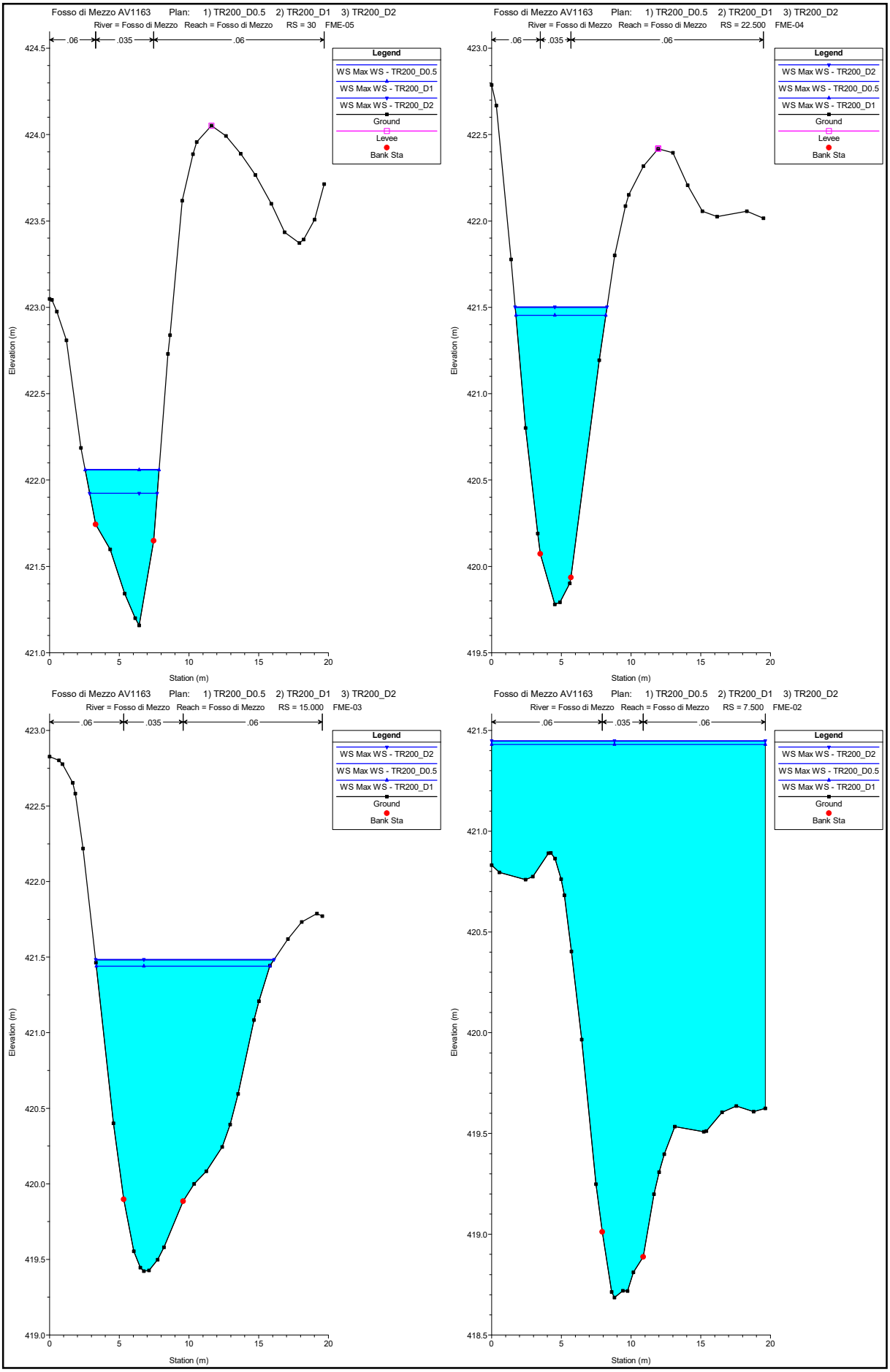

Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 111.25*
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 110.63*
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 110 FME-11
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 105 Culv
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

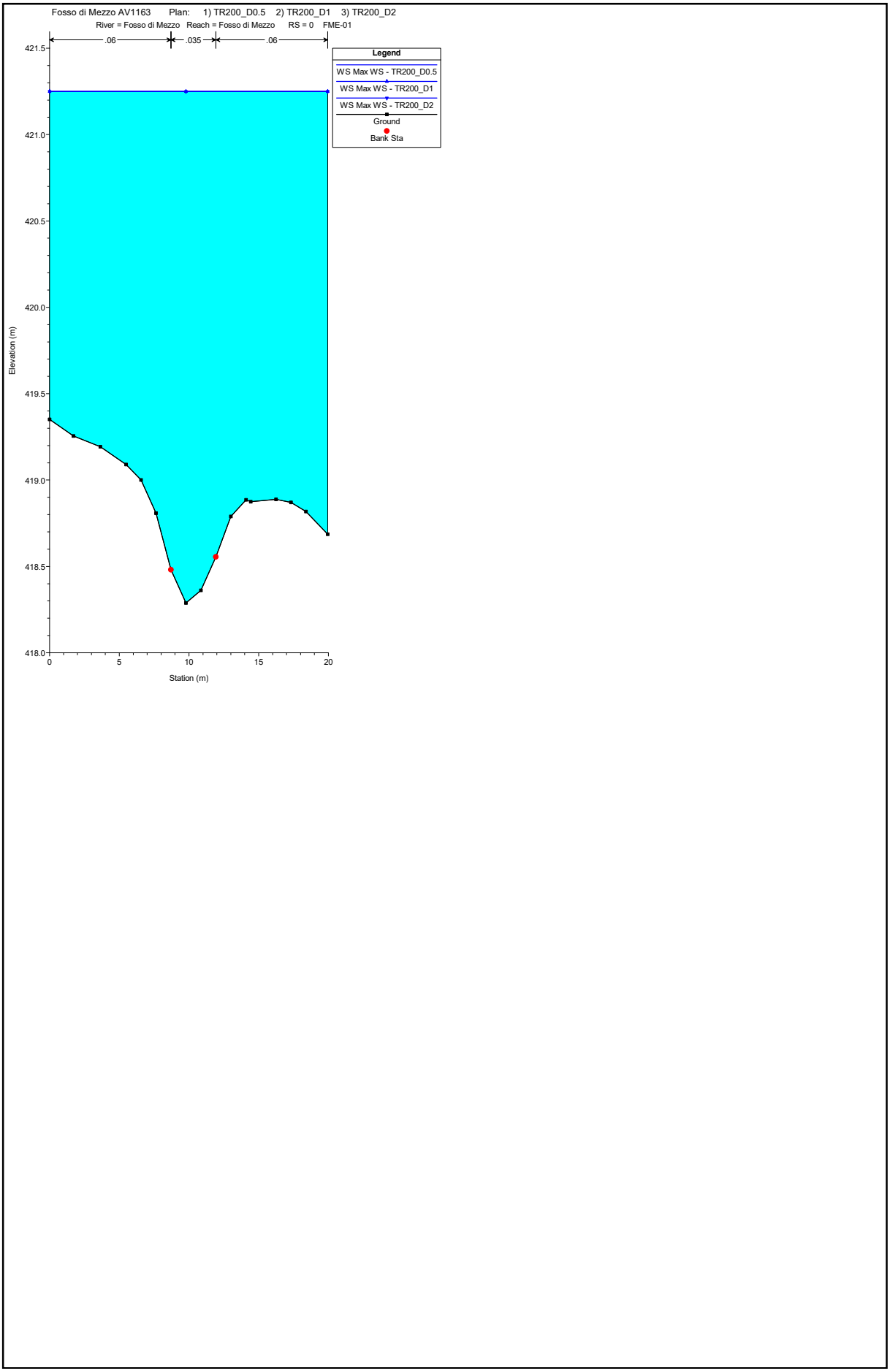

Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 105 Culv
.06 .035 .06
Legend
WS Max WS - TR200_D2
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 100 FME-10
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 97.500*
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 95 FME-09
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 93.750*
.06
.035
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 92.500*
.06
.035
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 91.250*
.06
.035
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 90 FME-08
.06
.035
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 85 Culv
.06
.039
.06
Legend
WS Max WS - TR200_D2
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 85 Culv
.06
.039
.06
Legend
WS Max WS - TR200_D2
WS Max WS - TR200_D1
WS Max WS - TR200_D0.5
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 80 FME-07
.06
.039
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 70.000*
.06
.039
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 60.000*
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 50.000*
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 40 FME-06
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 35.000*
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 30 FME-05
.06 .035 .06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 22.500 FME-04
.06 .035 .06
Legend
WS Max WS - TR200_D2
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 15.000 FME-03
.06 .035 .06
Legend
WS Max WS - TR200_D2
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 7.500 FME-02
.06 .035 .06
Legend
WS Max WS - TR200_D2
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
Ground
Bank Sta
Elevation (m)
Station (m)


Fosso di Mezzo AV1163 Plan: 1) TR200_D0.5 2) TR200_D1 3) TR200_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 0 FME-01
.06
.035
.06
Legend
WS Max WS - TR200_D0.5
WS Max WS - TR200_D1
WS Max WS - TR200_D2
Ground
Bank Sta
Elevation (m)
421.5
421.0
420.5
420.0
419.5
419.0
418.5
418.0
0
5
10
15
20
Station (m)

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "FOSSO DI MEZZO AV1163"

Fosso di Mezzo

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 0.5, 1 e 2 h

Dati idraulici

HEC-RAS River: Fosso di Mezzo Reach: Fosso di Mezzo Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Fosso di Mezzo	490	Max WS	TR200_D0.5	21.90	481.64	482.50	483.16	485.27	0.149139	7.38			2.97	5.03	3.07
Fosso di Mezzo	490	Max WS	TR200_D1	21.30	481.64	482.49	483.14	485.22	0.148850	7.31			2.91	4.99	3.06
Fosso di Mezzo	490	Max WS	TR200_D2	14.20	481.64	482.33	482.86	484.50	0.149177	6.52			2.18	4.49	2.99
Fosso di Mezzo	485.00*	Max WS	TR200_D0.5	21.88	480.15	481.04	481.68	483.78	0.145527	7.33			2.98	5.00	3.03
Fosso di Mezzo	485.00*	Max WS	TR200_D1	21.30	480.15	481.02	481.66	483.73	0.146162	7.29			2.92	4.96	3.03
Fosso di Mezzo	485.00*	Max WS	TR200_D2	14.20	480.15	480.87	481.39	483.02	0.146327	6.50			2.18	4.45	2.96
Fosso di Mezzo	480.00*	Max WS	TR200_D0.5	21.88	478.65	479.56	480.22	482.37	0.150370	7.43			2.94	4.95	3.08
Fosso di Mezzo	480.00*	Max WS	TR200_D1	21.29	478.65	479.55	480.20	482.32	0.150585	7.38			2.89	4.91	3.07
Fosso di Mezzo	480.00*	Max WS	TR200_D2	14.20	478.65	479.39	479.91	481.61	0.151441	6.59			2.15	4.39	3.01
Fosso di Mezzo	475.00*	Max WS	TR200_D0.5	21.87	477.16	478.09	478.76	480.84	0.143767	7.35	0.24		2.98	4.94	3.01
Fosso di Mezzo	475.00*	Max WS	TR200_D1	21.29	477.16	478.08	478.74	480.78	0.143699	7.27	0.12		2.93	4.91	3.01
Fosso di Mezzo	475.00*	Max WS	TR200_D2	14.20	477.16	477.92	478.44	480.07	0.144479	6.49			2.19	4.41	2.94
Fosso di Mezzo	470.00*	Max WS	TR200_D0.5	21.87	475.67	476.58	477.31	479.75	0.160461	7.89	1.13	0.30	2.79	4.82	3.20
Fosso di Mezzo	470.00*	Max WS	TR200_D1	21.29	475.67	476.57	477.29	479.68	0.161400	7.82	1.08	0.22	2.74	4.79	3.20
Fosso di Mezzo	470.00*	Max WS	TR200_D2	14.20	475.67	476.43	476.98	478.75	0.160246	6.74	0.13		2.11	4.36	3.09
Fosso di Mezzo	465.00*	Max WS	TR200_D0.5	21.86	474.18	475.12	475.86	478.23	0.132661	7.86	1.77	1.17	2.91	4.92	3.00
Fosso di Mezzo	465.00*	Max WS	TR200_D1	21.28	474.18	475.11	475.83	478.16	0.132305	7.77	1.74	1.13	2.86	4.89	2.99
Fosso di Mezzo	465.00*	Max WS	TR200_D2	14.20	474.18	474.95	475.53	477.27	0.140467	6.75	1.19	0.52	2.13	4.39	2.95
Fosso di Mezzo	460.00*	Max WS	TR200_D0.5	21.86	472.69	473.56	474.40	477.69	0.180158	9.14	2.46	1.87	2.62	4.85	3.53
Fosso di Mezzo	460.00*	Max WS	TR200_D1	21.28	472.69	473.55	474.38	477.61	0.180659	9.05	2.42	1.83	2.57	4.81	3.52
Fosso di Mezzo	460.00*	Max WS	TR200_D2	14.20	472.69	473.42	474.06	476.31	0.168707	7.59	1.85	1.26	1.97	4.34	3.28
Fosso di Mezzo	455.00*	Max WS	TR200_D0.5	21.79	471.19	472.22	472.90	474.93	0.088907	7.69	2.58	2.26	3.53	5.37	2.61
Fosso di Mezzo	455.00*	Max WS	TR200_D1	21.28	471.19	472.21	472.89	474.89	0.090108	7.66	2.56	2.25	3.45	5.34	2.62
Fosso di Mezzo	455.00*	Max WS	TR200_D2	14.20	471.19	471.98	472.58	474.51	0.123469	7.30	2.25	1.97	2.28	4.75	2.92
Fosso di Mezzo	450	Max WS	TR200_D0.5	21.68	469.70	471.76		472.08	0.004796	3.06	0.91	0.98	13.05	13.17	0.70
Fosso di Mezzo	450	Max WS	TR200_D1	21.24	469.70	471.73		472.05	0.004868	3.06	0.90	0.98	12.74	13.04	0.70
Fosso di Mezzo	450	Max WS	TR200_D2	14.20	469.70	471.33		471.67	0.006251	2.97	0.80	0.92	7.98	10.19	0.77
Fosso di Mezzo	425.00*	Max WS	TR200_D0.5	21.69	469.43	471.75		472.04	0.003304	2.84	0.75	0.79	14.13	13.44	0.60
Fosso di Mezzo	425.00*	Max WS	TR200_D1	21.24	469.43	471.73		472.02	0.003322	2.83	0.75	0.79	13.83	13.30	0.60
Fosso di Mezzo	425.00*	Max WS	TR200_D2	14.20	469.43	471.33		471.60	0.003607	2.59	0.63	0.69	9.05	10.21	0.60
Fosso di Mezzo	400	Max WS	TR200_D0.5	21.70	469.16	471.75	471.08	472.01	0.002429	2.65	0.65	0.65	15.22	13.83	0.53
Fosso di Mezzo	400	Max WS	TR200_D1	21.24	469.16	471.73	471.07	471.99	0.002425	2.64	0.64	0.64	14.91	13.68	0.53
Fosso di Mezzo	400	Max WS	TR200_D2	14.20	469.16	471.34	470.62	471.56	0.002322	2.31	0.52	0.53	10.14	10.49	0.50
Fosso di Mezzo	390			Inl Struct											
Fosso di Mezzo	380	Max WS	TR200_D0.5	21.69	467.51	469.22	469.54	470.59	0.016781	5.30	1.11	0.65	4.90	3.43	1.29
Fosso di Mezzo	380	Max WS	TR200_D1	21.25	467.51	469.20	469.51	470.55	0.016698	5.25	1.10	0.65	4.84	3.42	1.29
Fosso di Mezzo	380	Max WS	TR200_D2	14.20	467.51	468.88	469.05	469.82	0.015479	4.38	0.92	0.54	3.75	3.20	1.20
Fosso di Mezzo	370.00*	Max WS	TR200_D0.5	21.68	467.38	469.15	469.17	469.98	0.010240	4.11	0.91	0.62	6.14	4.32	1.00
Fosso di Mezzo	370.00*	Max WS	TR200_D1	21.24	467.38	469.14	469.15	469.95	0.010182	4.07	0.90	0.61	6.07	4.30	1.00
Fosso di Mezzo	370.00*	Max WS	TR200_D2	14.20	467.38	468.82	468.75	469.38	0.009317	3.39	0.73	0.51	4.73	4.02	0.92
Fosso di Mezzo	360.00*	Max WS	TR200_D0.5	21.67	467.26	469.11	468.95	469.66	0.007170	3.38	0.81	0.65	7.65	6.36	0.83
Fosso di Mezzo	360.00*	Max WS	TR200_D1	21.23	467.26	469.09	468.93	469.64	0.007152	3.35	0.81	0.64	7.54	6.31	0.83
Fosso di Mezzo	360.00*	Max WS	TR200_D2	14.20	467.26	468.78		469.17	0.006697	2.82	0.67	0.53	5.70	5.21	0.77
Fosso di Mezzo	350	Max WS	TR200_D0.5	21.67	467.13	469.08	468.78	469.41	0.004887	2.72	0.76	0.82	10.51	9.67	0.68
Fosso di Mezzo	350	Max WS	TR200_D1	21.23	467.13	469.06	468.77	469.39	0.004888	2.70	0.75	0.82	10.33	9.57	0.68
Fosso di Mezzo	350	Max WS	TR200_D2	14.20	467.13	468.76	468.48	469.00	0.004691	2.30	0.61	0.72	7.66	8.09	0.64
Fosso di Mezzo	347			Inl Struct											
Fosso di Mezzo	345	Max WS	TR200_D0.5	21.71	465.95	467.16	467.66	468.82	0.049449	5.72	1.05	0.92	3.96	4.95	1.94
Fosso di Mezzo	345	Max WS	TR200_D1	21.24	465.95	467.15	467.64	468.78	0.049503	5.68	1.03	0.91	3.91	4.94	1.94
Fosso di Mezzo	345	Max WS	TR200_D2	14.20	465.95	466.97	467.32	468.16	0.049533	4.84	0.68	0.78	3.01	4.68	1.87
Fosso di Mezzo	342.19*	Max WS	TR200_D0.5	21.70	465.48	466.68	467.18	468.34	0.049516	5.74	1.10	0.94	3.96	4.98	1.95
Fosso di Mezzo	342.19*	Max WS	TR200_D1	21.24	465.48	466.67	467.16	468.30	0.049568	5.70	1.08	0.93	3.91	4.96	1.95
Fosso di Mezzo	342.19*	Max WS	TR200_D2	14.20	465.48	466.48	466.84	467.68	0.049587	4.86	0.73	0.80	3.01	4.70	1.87
Fosso di Mezzo	339.38*	Max WS	TR200_D0.5	21.70	465.02	466.19	466.70	467.87	0.049544	5.76	1.15	0.95	3.97	5.00	1.95
Fosso di Mezzo	339.38*	Max WS	TR200_D1	21.24	465.02	466.18	466.68	467.83	0.049536	5.71	1.13	0.95	3.91	4.99	1.95
Fosso di Mezzo	339.38*	Max WS	TR200_D2	14.20	465.02	466.00	466.36	467.20	0.049592	4.87	0.79	0.81	3.01	4.71	1.87
Fosso di Mezzo	336.56*	Max WS	TR200_D0.5	21.70	464.55	465.71	466.21	467.39	0.049524	5.78	1.20	0.97	3.97	5.04	1.96
Fosso di Mezzo	336.56*	Max WS	TR200_D1	21.23	464.55	465.70	466.19	467.35	0.049509	5.73	1.18	0.96	3.91	5.02	1.95
Fosso di Mezzo	336.56*	Max WS	TR200_D2	14.20	464.55	465.51	465.88	466.72	0.049620	4.89	0.84	0.82	3.01	4.73	1.88
Fosso di Mezzo	333.75*	Max WS	TR200_D0.5	21.70	464.08	465.22	465.72	466.91	0.049502	5.79	1.25	0.99	3.98	5.08	1.96
Fosso di Mezzo	333.75*	Max WS	TR200_D1	21.23	464.08	465.21	465.71	466.87	0.049430	5.74	1.23	0.99	3.93	5.06	1.95
Fosso di Mezzo	333.75*	Max WS	TR200_D2	14.20	464.08	465.03	465.39	466.24	0.049602	4.90	0.90	0.84	3.01	4.76	1.88
Fosso di Mezzo	330.94*	Max WS	TR200_D0.5	21.70	463.61	464.74	465.27	466.43	0.049395	5.80	1.31	1.02	3.99	5.13	1.96
Fosso di Mezzo	330.94*	Max WS	TR200_D1	21.23	463.61	464.73	465.25	466.39	0.049380	5.75	1.29	1.01	3.94	5.11	1.96
Fosso di Mezzo	330.94*	Max WS	TR200_D2	14.20	463.61	464.54	464.91	465.76	0.049476	4.91	0.95	0.86	3.01	4.80	1.88
Fosso di Mezzo	328.13*	Max WS	TR200_D0.5	21.70	463.14	464.26	464.78	465.95	0.049409	5.81	1.36	1.05	4.01	5.19	1.96
Fosso di Mezzo	328.13*	Max WS	TR200_D1	21.23	463.14	464.24	464.76	465.91	0.049448	5.77	1.34	1.04	3.95	5.17	1.96
Fosso di Mezzo	328.13*	Max WS	TR200_D2	14.20	463.14	464.06	464.43	465.28	0.049391	4.92	1.01	0.88	3.02	4.84	1.88
Fosso di Mezzo	325.31*	Max WS	TR200_D0.5	21.70	462.68	463.77	464.29	465.46	0.049462	5.83	1.42	1.09	4.03	5.27	1.97
Fosso di Mezzo	325.31*	Max WS	TR200_D1	21.23	462.68	463.76	464.28	465.42	0.049512	5.78	1.40	1.08	3.97	5.25	1.96
Fosso di Mezzo	325.31*	Max WS	TR200_D2	14.20	462.68	463.57	463.94	464.80	0.049465	4.94	1.07	0.91	3.03	4.89	1.89
Fosso di Mezzo	322.50*	Max WS	TR200_D0.5	21.70	462.21	463.29	463.80	464.98	0.049552	5.84	1.47	1.13	4.05	5.36	1.97
Fosso di Mezzo	322.50*	Max WS	TR200_D1	21.23	462.21	463.27	463.79	464.94	0.049540	5.79	1.45	1.12	3.99	5.34	1.97
Fosso di Mezzo	322.50*	Max WS	TR200_D2	14.20	462.21	463.09	463.47	464.32	0.049536	4.95	1.12	0.95	3.04	4.96	1.89
Fosso di Mezzo	319.69*	Max WS	TR200_D0.5	21.70	461.74	462.80	463.30	464.49	0.049640	5.85	1.53	1.14	4.09	5.53	1.98
Fosso di Mezzo	319.69*	Max WS	TR200_D1	21.23	461.74	462.79	463.28	464.45	0.049558	5.80	1.51	1.17	4.02	5.46	1.97
Fosso di Mezzo	319.69*	Max WS	TR200_D2	14.20	461.74	462.61	462.99	463.84	0.049646	4.96	1.18	0.99	3.06	5.05	1.90
Fosso di Mezzo	316.88*	Max WS	TR200_D0.5	21.70	461.27	462.31	462.84	464.00	0.049812	5.86	1.59	1.06	4.15	6.12	1.98
Fosso di Mezzo	316.88*	Max WS	TR200_D1	21.23	461.27	462.30	462.82	463.96	0.049722	5.81	1.57	1.05	4.09	6.05	1.98
Fosso di Mezzo	316.88*	Max WS	TR200_D2	14.20	461.27	462.12	462.51	463.35	0.049591	4.97	1.24	1.04	3.08	5.16	1.90
Fosso di Mezzo	314.06*	Max WS	TR200_D0.5	21.70	460.80	461.83	462.36	463.49	0.049967	5.85	1.64	1.23	4.25	6.43	1.98

HEC-RAS River: Fosso di Mezzo Reach: Fosso di Mezzo Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Fosso di Mezzo	314.06*	Max WS	TR200_D1	21.23	460.80	461.82	462.34	463.46	0.049929	5.80	1.62	1.20	4.18	6.39	1.98
Fosso di Mezzo	314.06*	Max WS	TR200_D2	14.20	460.80	461.64	462.00	462.86	0.049587	4.97	1.30	1.04	3.12	5.39	1.90
Fosso di Mezzo	311.25*	Max WS	TR200_D0.5	21.70	460.34	461.34	461.86	462.97	0.050130	5.84	1.69	1.42	4.36	6.72	1.99
Fosso di Mezzo	311.25*	Max WS	TR200_D1	21.22	460.34	461.32	461.84	462.94	0.050189	5.79	1.67	1.40	4.29	6.68	1.98
Fosso di Mezzo	311.25*	Max WS	TR200_D2	14.20	460.34	461.15	461.53	462.37	0.049769	4.97	1.36	1.00	3.18	5.97	1.90
Fosso di Mezzo	308.44*	Max WS	TR200_D0.5	21.69	459.87	460.84	461.35	462.44	0.050363	5.82	1.65	1.53	4.52	7.47	1.99
Fosso di Mezzo	308.44*	Max WS	TR200_D1	21.22	459.87	460.83	461.33	462.41	0.050383	5.78	1.65	1.51	4.44	7.38	1.99
Fosso di Mezzo	308.44*	Max WS	TR200_D2	14.20	459.87	460.66	461.05	461.86	0.050637	4.98	1.41	1.20	3.27	6.33	1.92
Fosso di Mezzo	305.63*	Max WS	TR200_D0.5	21.66	459.40	460.40	460.82	461.70	0.039683	5.34	1.60	1.50	5.25	8.86	1.78
Fosso di Mezzo	305.63*	Max WS	TR200_D1	21.22	459.40	460.39	460.81	461.67	0.039786	5.31	1.58	1.48	5.16	8.78	1.78
Fosso di Mezzo	305.63*	Max WS	TR200_D2	14.20	459.40	460.21	460.54	461.23	0.041468	4.65	1.33	1.28	3.68	7.26	1.75
Fosso di Mezzo	302.81*	Max WS	TR200_D0.5	21.61	458.93	460.13	460.26	460.75	0.015811	3.87	1.31	1.23	8.08	11.46	1.17
Fosso di Mezzo	302.81*	Max WS	TR200_D1	21.20	458.93	460.12	460.25	460.73	0.015778	3.84	1.29	1.22	7.96	11.38	1.16
Fosso di Mezzo	302.81*	Max WS	TR200_D2	14.20	458.93	459.93	460.02	460.40	0.014665	3.28	1.06	1.00	5.94	10.07	1.09
Fosso di Mezzo	300	Max WS	TR200_D0.5	21.57	458.47	460.03		460.24	0.004087	2.40	0.92	0.75	14.95	16.90	0.62
Fosso di Mezzo	300	Max WS	TR200_D1	21.15	458.47	460.02		460.22	0.004045	2.37	0.91	0.74	14.78	16.83	0.62
Fosso di Mezzo	300	Max WS	TR200_D2	14.20	458.47	459.85		459.98	0.003140	1.92	0.72	0.57	11.89	15.56	0.53
Fosso di Mezzo	290.00*	Max WS	TR200_D0.5	21.58	458.05	460.08		460.19	0.001586	1.72	0.62	0.58	20.51	18.27	0.40
Fosso di Mezzo	290.00*	Max WS	TR200_D1	21.17	458.05	460.07		460.17	0.001563	1.70	0.61	0.57	20.32	18.23	0.40
Fosso di Mezzo	290.00*	Max WS	TR200_D2	14.20	458.05	459.88		459.95	0.001106	1.33	0.47	0.43	17.00	17.21	0.33
Fosso di Mezzo	280.00*	Max WS	TR200_D0.5	21.58	457.62	460.10		460.17	0.000746	1.31	0.45	0.47	26.31	19.42	0.28
Fosso di Mezzo	280.00*	Max WS	TR200_D1	21.18	457.62	460.09		460.15	0.000733	1.29	0.44	0.46	26.10	19.37	0.28
Fosso di Mezzo	280.00*	Max WS	TR200_D2	14.20	457.62	459.90		459.94	0.000486	0.99	0.33	0.34	22.41	18.50	0.22
Fosso di Mezzo	270.00*	Max WS	TR200_D0.5	21.59	457.20	460.12		460.16	0.000395	1.04	0.34	0.38	32.47	20.54	0.21
Fosso di Mezzo	270.00*	Max WS	TR200_D1	21.18	457.20	460.11		460.15	0.000387	1.03	0.34	0.38	32.24	20.50	0.20
Fosso di Mezzo	270.00*	Max WS	TR200_D2	14.20	457.20	459.91		459.93	0.000244	0.77	0.25	0.28	28.24	19.66	0.16
Fosso di Mezzo	260.00*	Max WS	TR200_D0.5	21.60	456.78	460.13		460.15	0.000227	0.85	0.27	0.32	39.07	21.67	0.16
Fosso di Mezzo	260.00*	Max WS	TR200_D1	21.18	456.78	460.11		460.14	0.000222	0.84	0.26	0.31	38.82	21.62	0.16
Fosso di Mezzo	260.00*	Max WS	TR200_D2	14.20	456.78	459.91		459.93	0.000134	0.62	0.19	0.23	34.54	20.75	0.12
Fosso di Mezzo	250	Max WS	TR200_D0.5	21.59	456.36	460.13	457.89	460.15	0.000138	0.71	0.22	0.27	46.15	22.80	0.13
Fosso di Mezzo	250	Max WS	TR200_D1	21.18	456.36	460.12	457.88	460.14	0.000135	0.70	0.21	0.26	45.89	22.75	0.12
Fosso di Mezzo	250	Max WS	TR200_D2	14.20	456.36	459.92	457.65	459.93	0.000079	0.51	0.15	0.19	41.34	21.84	0.09
Fosso di Mezzo	247			Inl Struct											
Fosso di Mezzo	245	Max WS	TR200_D0.5	21.59	454.60	460.06		460.07	0.000041	0.56	0.15	0.17	67.52	22.97	0.08
Fosso di Mezzo	245	Max WS	TR200_D1	21.18	454.60	460.05		460.06	0.000040	0.55	0.15	0.17	67.29	22.94	0.08
Fosso di Mezzo	245	Max WS	TR200_D2	14.20	454.60	459.86		459.87	0.000021	0.39	0.11	0.12	63.05	22.27	0.05
Fosso di Mezzo	244.99			Lat Struct											
Fosso di Mezzo	244.98			Lat Struct											
Fosso di Mezzo	243.75*	Max WS	TR200_D0.5	21.59	454.38	460.06		460.07	0.000043	0.57	0.16	0.17	65.93	22.49	0.08
Fosso di Mezzo	243.75*	Max WS	TR200_D1	21.17	454.38	460.05		460.06	0.000042	0.56	0.16	0.17	65.69	22.44	0.08
Fosso di Mezzo	243.75*	Max WS	TR200_D2	14.20	454.38	459.86		459.87	0.000022	0.40	0.11	0.12	61.56	21.70	0.06
Fosso di Mezzo	242.50*	Max WS	TR200_D0.5	21.59	454.16	460.06		460.07	0.000046	0.59	0.17	0.17	64.48	22.56	0.08
Fosso di Mezzo	242.50*	Max WS	TR200_D1	21.17	454.16	460.05		460.06	0.000044	0.58	0.17	0.16	64.25	22.50	0.08
Fosso di Mezzo	242.50*	Max WS	TR200_D2	14.20	454.16	459.86		459.87	0.000023	0.41	0.12	0.11	60.15	21.42	0.06
Fosso di Mezzo	241.25*	Max WS	TR200_D0.5	21.55	453.94	460.06		460.07	0.000048	0.61	0.18	0.16	63.58	22.46	0.08
Fosso di Mezzo	241.25*	Max WS	TR200_D1	21.14	453.94	460.05		460.06	0.000047	0.60	0.18	0.16	63.35	22.46	0.08
Fosso di Mezzo	241.25*	Max WS	TR200_D2	14.20	453.94	459.86		459.87	0.000025	0.42	0.13	0.11	59.17	22.19	0.06
Fosso di Mezzo	240	Max WS	TR200_D0.5	18.51	453.72	460.06		460.07	0.000037	0.53	0.17	0.14	62.13	20.05	0.07
Fosso di Mezzo	240	Max WS	TR200_D1	18.20	453.72	460.05		460.06	0.000036	0.52	0.17	0.14	61.92	20.05	0.07
Fosso di Mezzo	240	Max WS	TR200_D2	12.82	453.72	459.87		459.87	0.000021	0.39	0.12	0.10	58.13	20.05	0.05
Fosso di Mezzo	230			Culvert											
Fosso di Mezzo	220	Max WS	TR200_D0.5	18.48	445.22	446.65	446.73	447.31	0.013812	4.13	1.53	1.45	6.65	6.63	1.12
Fosso di Mezzo	220	Max WS	TR200_D1	18.20	445.22	446.64	446.71	447.29	0.013718	4.10	1.52	1.44	6.59	6.61	1.12
Fosso di Mezzo	220	Max WS	TR200_D2	12.82	445.22	446.41	446.45	446.92	0.013308	3.58	1.32	1.27	5.15	6.16	1.07
Fosso di Mezzo	219.99			Lat Struct											
Fosso di Mezzo	219.98			Lat Struct											
Fosso di Mezzo	210.00*	Max WS	TR200_D0.5	18.49	445.12	446.62	446.59	447.10	0.009833	3.46	1.20	1.25	7.68	7.99	0.95
Fosso di Mezzo	210.00*	Max WS	TR200_D1	18.21	445.12	446.61	446.58	447.09	0.009761	3.44	1.19	1.24	7.61	7.96	0.94
Fosso di Mezzo	210.00*	Max WS	TR200_D2	12.98	445.12	446.39	446.34	446.77	0.009754	3.05	1.04	1.11	5.90	7.26	0.91
Fosso di Mezzo	200	Max WS	TR200_D0.5	18.90	445.02	446.61	446.47	446.90	0.006035	2.74	0.94	0.99	10.41	11.05	0.74
Fosso di Mezzo	200	Max WS	TR200_D1	18.66	445.02	446.60	446.47	446.89	0.006037	2.72	0.93	0.99	10.31	11.05	0.74
Fosso di Mezzo	200	Max WS	TR200_D2	12.98	445.02	446.38	446.24	446.62	0.006079	2.43	0.76	0.81	7.82	10.89	0.72
Fosso di Mezzo	190			Inl Struct											
Fosso di Mezzo	180	Max WS	TR200_D0.5	18.86	443.72	444.92	445.28	446.13	0.031635	5.01	1.21	1.45	4.31	5.34	1.60
Fosso di Mezzo	180	Max WS	TR200_D1	18.62	443.72	444.91	445.27	446.11	0.031609	4.98	1.20	1.44	4.28	5.32	1.60
Fosso di Mezzo	180	Max WS	TR200_D2	12.98	443.72	444.70	444.99	445.68	0.035121	4.48	0.98	1.30	3.20	4.86	1.62
Fosso di Mezzo	172.00*	Max WS	TR200_D0.5	20.27	443.31	444.63	445.05	445.99	0.030672	5.39	1.39	1.59	4.61	5.45	1.61
Fosso di Mezzo	172.00*	Max WS	TR200_D1	20.04	443.31	444.62	445.04	445.97	0.030583	5.36	1.38	1.59	4.57	5.44	1.60
Fosso di Mezzo	172.00*	Max WS	TR200_D2	13.68	443.31	444.38	444.72	445.47	0.032933	4.75	1.14	1.37	3.35	4.82	1.60
Fosso di Mezzo	164.00*	Max WS	TR200_D0.5	21.06	442.90	444.35	444.82	445.81	0.029577	5.73	1.54	1.71	4.91	5.70	1.61
Fosso di Mezzo	164.00*	Max WS	TR200_D1	20.88	442.90	444.34	444.81	445.80	0.029677	5.72	1.54	1.70	4.87	5.68	1.61
Fosso di Mezzo	164.00*	Max WS	TR200_D2	14.12	442.90	444.09	444.45	445.26	0.030546	5.02	1.28	1.41	3.53	4.95	1.58
Fosso di Mezzo	156.00*	Max WS	TR200_D0.5	21.25	442.49	444.07	444.55	445.60	0.028867	6.09	1.71	1.82	5.26	6.14	1.61
Fosso di Mezzo	156.00*	Max WS	TR200_D1	21.03	442.49	444.06	444.54	445.59	0.028899	6.07	1.70	1.81	5.22	6.11	1.61
Fosso di Mezzo	156.00*	Max WS	TR200_D2	14.21	442.49	443.81	444.21	445.04	0.028517	5.30	1.43	1.48	3.77	5.25	1.55
Fosso di Mezzo	148.00*	Max WS	TR200_D0.5	21.25	442.08	443.80	444.25	445.36	0.030427	6.61	2.01	1.99	5.65	6.46	1.66
Fosso di Mezzo	148.00*	Max WS	TR200_D1	21.02	442.08	443.79	444.24	445.34	0.030397	6.59	2.00	1.97	5.60	6.45	1.66
Fosso di Mezzo	148.00*	Max WS	TR200_D2	14.20	442.08	443.54	443.95	444.85	0.029424	5.79	1.63	1.63	4.07	5.81	1.59

HEC-RAS River: Fosso di Mezzo Reach: Fosso di Mezzo Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Fosso di Mezzo	140	Max WS	TR200_D0.5	21.15	441.67	443.45	443.91	445.19	0.043896	7.89	2.67	2.42	5.52	6.26	1.94
Fosso di Mezzo	140	Max WS	TR200_D1	20.92	441.67	443.44	443.93	445.18	0.043894	7.87	2.66	2.41	5.47	6.25	1.94
Fosso di Mezzo	140	Max WS	TR200_D2	14.20	441.67	443.20	443.66	444.76	0.044147	7.10	2.27	2.01	4.00	5.83	1.90
Fosso di Mezzo	136.67*	Max WS	TR200_D0.5	21.25	441.42	443.07	443.61	445.12	0.043701	7.66	2.37	2.22	5.03	6.34	1.97
Fosso di Mezzo	136.67*	Max WS	TR200_D1	21.01	441.42	443.07	443.57	445.10	0.043667	7.64	2.36	2.21	4.99	6.32	1.96
Fosso di Mezzo	136.67*	Max WS	TR200_D2	14.20	441.42	442.82	443.36	444.57	0.043141	6.77	2.05	1.78	3.56	5.43	1.90
Fosso di Mezzo	133.33*	Max WS	TR200_D0.5	21.25	441.17	442.71	443.23	444.70	0.041527	7.15	2.25	2.00	4.79	6.05	1.91
Fosso di Mezzo	133.33*	Max WS	TR200_D1	21.01	441.17	442.70	443.21	444.68	0.041462	7.12	2.24	1.99	4.75	6.02	1.91
Fosso di Mezzo	133.33*	Max WS	TR200_D2	14.19	441.17	442.46	442.97	444.09	0.040663	6.24	1.93	1.55	3.42	5.23	1.83
Fosso di Mezzo	130.00*	Max WS	TR200_D0.5	21.25	440.92	442.36	442.82	444.22	0.039790	6.68	2.13	1.82	4.70	6.00	1.85
Fosso di Mezzo	130.00*	Max WS	TR200_D1	21.01	440.92	442.35	442.82	444.20	0.039720	6.65	2.12	1.80	4.66	5.98	1.85
Fosso di Mezzo	130.00*	Max WS	TR200_D2	14.19	440.92	442.12	442.59	443.59	0.038611	5.78	1.81	1.42	3.38	5.12	1.77
Fosso di Mezzo	126.67*	Max WS	TR200_D0.5	21.24	440.67	442.02	442.43	443.75	0.038773	6.30	2.04	1.68	4.66	6.03	1.81
Fosso di Mezzo	126.67*	Max WS	TR200_D1	21.02	440.67	442.02	442.46	443.73	0.038734	6.28	2.03	1.67	4.62	6.01	1.81
Fosso di Mezzo	126.67*	Max WS	TR200_D2	14.20	440.67	441.80	442.22	443.12	0.037269	5.41	1.72	1.34	3.40	5.13	1.72
Fosso di Mezzo	123.33*	Max WS	TR200_D0.5	21.24	440.42	441.69	442.38	443.33	0.039494	6.05	1.98	1.60	4.59	6.06	1.81
Fosso di Mezzo	123.33*	Max WS	TR200_D1	21.02	440.42	441.68	442.37	443.31	0.039455	6.03	1.97	1.59	4.56	6.04	1.81
Fosso di Mezzo	123.33*	Max WS	TR200_D2	14.20	440.42	441.48	441.87	442.71	0.037302	5.14	1.65	1.28	3.42	5.24	1.70
Fosso di Mezzo	120	Max WS	TR200_D0.5	21.24	440.17	441.30	441.99	443.12	0.050600	6.28	2.05	1.64	4.18	5.91	2.01
Fosso di Mezzo	120	Max WS	TR200_D1	21.02	440.17	441.29	441.98	443.11	0.050616	6.25	2.04	1.63	4.15	5.89	2.00
Fosso di Mezzo	120	Max WS	TR200_D2	14.20	440.17	441.10	441.53	442.50	0.050812	5.42	1.69	1.33	3.08	5.19	1.94
Fosso di Mezzo	119.38*	Max WS	TR200_D0.5	21.24	439.66	440.80	441.32	442.65	0.050664	6.29	2.02	1.63	4.14	5.78	2.01
Fosso di Mezzo	119.38*	Max WS	TR200_D1	21.02	439.66	440.80	441.31	442.63	0.050667	6.27	2.01	1.62	4.11	5.76	2.00
Fosso di Mezzo	119.38*	Max WS	TR200_D2	14.19	439.66	440.60	441.04	442.01	0.050891	5.43	1.67	1.32	3.05	5.09	1.94
Fosso di Mezzo	118.75*	Max WS	TR200_D0.5	21.24	439.16	440.31	440.85	442.16	0.050691	6.30	1.99	1.62	4.10	5.65	2.01
Fosso di Mezzo	118.75*	Max WS	TR200_D1	21.02	439.16	440.30	440.83	442.15	0.050697	6.28	1.98	1.61	4.07	5.64	2.00
Fosso di Mezzo	118.75*	Max WS	TR200_D2	14.19	439.16	440.10	440.54	441.53	0.050947	5.44	1.64	1.31	3.02	4.99	1.94
Fosso di Mezzo	118.13*	Max WS	TR200_D0.5	21.24	438.65	439.81	440.36	441.68	0.050734	6.31	1.96	1.61	4.06	5.54	2.01
Fosso di Mezzo	118.13*	Max WS	TR200_D1	21.02	438.65	439.80	440.35	441.66	0.050732	6.29	1.95	1.61	4.03	5.52	2.00
Fosso di Mezzo	118.13*	Max WS	TR200_D2	14.19	438.65	439.60	440.05	441.04	0.050978	5.44	1.61	1.30	3.00	4.90	1.94
Fosso di Mezzo	117.50*	Max WS	TR200_D0.5	21.24	438.15	439.31	439.89	441.20	0.050768	6.32	1.93	1.61	4.03	5.43	2.00
Fosso di Mezzo	117.50*	Max WS	TR200_D1	21.02	438.15	439.30	439.87	441.18	0.050762	6.30	1.92	1.60	3.99	5.41	2.00
Fosso di Mezzo	117.50*	Max WS	TR200_D2	14.19	438.15	439.10	439.55	440.54	0.050939	5.45	1.58	1.29	2.98	4.82	1.93
Fosso di Mezzo	116.88*	Max WS	TR200_D0.5	21.24	437.64	438.81	439.39	440.71	0.050774	6.33	1.90	1.60	3.99	5.33	2.00
Fosso di Mezzo	116.88*	Max WS	TR200_D1	21.02	437.64	438.80	439.38	440.69	0.050765	6.30	1.89	1.60	3.96	5.31	2.00
Fosso di Mezzo	116.88*	Max WS	TR200_D2	14.19	437.64	438.60	439.05	440.05	0.050961	5.45	1.55	1.28	2.96	4.75	1.93
Fosso di Mezzo	116.25*	Max WS	TR200_D0.5	21.23	437.13	438.31	438.89	440.22	0.050736	6.33	1.86	1.59	3.97	5.24	2.00
Fosso di Mezzo	116.25*	Max WS	TR200_D1	21.02	437.13	438.31	438.88	440.20	0.050726	6.30	1.85	1.59	3.93	5.22	2.00
Fosso di Mezzo	116.25*	Max WS	TR200_D2	14.19	437.13	438.10	438.55	439.56	0.050993	5.45	1.52	1.26	2.94	4.67	1.93
Fosso di Mezzo	115.63*	Max WS	TR200_D0.5	21.23	436.63	437.81	438.40	439.73	0.050703	6.33	1.83	1.58	3.94	5.16	2.00
Fosso di Mezzo	115.63*	Max WS	TR200_D1	21.02	436.63	437.81	438.39	439.71	0.050748	6.31	1.82	1.57	3.91	5.15	2.00
Fosso di Mezzo	115.63*	Max WS	TR200_D2	14.19	436.63	437.61	438.06	439.06	0.050956	5.45	1.49	1.25	2.92	4.60	1.93
Fosso di Mezzo	115.00*	Max WS	TR200_D0.5	21.23	436.12	437.32	437.91	439.24	0.050711	6.33	1.80	1.57	3.91	5.09	2.00
Fosso di Mezzo	115.00*	Max WS	TR200_D1	21.02	436.12	437.31	437.90	439.22	0.050748	6.31	1.79	1.56	3.88	5.07	1.99
Fosso di Mezzo	115.00*	Max WS	TR200_D2	14.19	436.12	437.11	437.55	438.56	0.050907	5.45	1.46	1.24	2.90	4.53	1.92
Fosso di Mezzo	114.38*	Max WS	TR200_D0.5	21.23	435.62	436.82	437.41	438.75	0.050650	6.33	1.77	1.55	3.89	5.02	1.99
Fosso di Mezzo	114.38*	Max WS	TR200_D1	21.01	435.62	436.81	437.40	438.73	0.050682	6.31	1.76	1.54	3.86	5.00	1.99
Fosso di Mezzo	114.38*	Max WS	TR200_D2	14.19	435.62	436.61	437.06	438.07	0.050912	5.45	1.44	1.23	2.89	4.46	1.92
Fosso di Mezzo	113.75*	Max WS	TR200_D0.5	21.23	435.11	436.32	436.91	438.25	0.050361	6.32	1.73	1.53	3.88	4.95	1.98
Fosso di Mezzo	113.75*	Max WS	TR200_D1	21.01	435.11	436.31	436.90	438.23	0.050390	6.30	1.72	1.53	3.85	4.94	1.98
Fosso di Mezzo	113.75*	Max WS	TR200_D2	14.19	435.11	436.11	436.56	437.57	0.050914	5.45	1.41	1.21	2.87	4.40	1.92
Fosso di Mezzo	113.13*	Max WS	TR200_D0.5	21.22	434.61	435.84	436.42	437.70	0.047497	6.21	1.68	1.50	3.94	4.93	1.93
Fosso di Mezzo	113.13*	Max WS	TR200_D1	21.01	434.61	435.83	436.41	437.69	0.047629	6.19	1.67	1.49	3.91	4.91	1.93
Fosso di Mezzo	113.13*	Max WS	TR200_D2	14.19	434.61	435.61	436.06	437.07	0.050806	5.44	1.38	1.20	2.86	4.34	1.91
Fosso di Mezzo	112.50*	Max WS	TR200_D0.5	21.19	434.10	435.43	435.92	436.97	0.035186	5.65	1.53	1.39	4.38	5.08	1.68
Fosso di Mezzo	112.50*	Max WS	TR200_D1	21.01	434.10	435.42	435.91	436.96	0.035635	5.65	1.53	1.38	4.33	5.06	1.69
Fosso di Mezzo	112.50*	Max WS	TR200_D2	14.19	434.10	435.11	435.56	436.56	0.049879	5.41	1.35	1.19	2.87	4.29	1.90
Fosso di Mezzo	111.88*	Max WS	TR200_D0.5	21.17	433.60	435.17	435.41	436.16	0.017962	4.57	1.27	1.15	5.61	5.57	1.24
Fosso di Mezzo	111.88*	Max WS	TR200_D1	21.00	433.60	435.16	435.41	436.15	0.018295	4.58	1.27	1.16	5.53	5.54	1.25
Fosso di Mezzo	111.88*	Max WS	TR200_D2	14.19	433.60	434.68	435.06	435.89	0.037716	4.96	1.24	1.11	3.16	4.41	1.67
Fosso di Mezzo	111.25*	Max WS	TR200_D0.5	21.17	433.09	435.04	434.92	435.60	0.007593	3.48	0.99	0.90	7.80	6.50	0.84
Fosso di Mezzo	111.25*	Max WS	TR200_D1	20.99	433.09	435.03	434.91	435.59	0.007723	3.49	0.99	0.90	7.70	6.46	0.84
Fosso di Mezzo	111.25*	Max WS	TR200_D2	14.19	433.09	434.41	434.56	435.14	0.016923	3.86	1.00	0.93	4.22	4.90	1.16
Fosso di Mezzo	110.63*	Max WS	TR200_D0.5	21.15	432.59	434.99		435.31	0.003296	2.66	0.76	0.71	10.86	7.66	0.57
Fosso di Mezzo	110.63*	Max WS	TR200_D1	20.99	432.59	434.97		435.29	0.003351	2.67	0.76	0.72	10.72	7.60	0.57
Fosso di Mezzo	110.63*	Max WS	TR200_D2	14.19	432.59	434.30		434.66	0.005953	2.78	0.76	0.70	6.23	5.73	0.72
Fosso di Mezzo	110	Max WS	TR200_D0.5	21.15	432.08	435.05		435.23	0.001401	2.01	0.55	0.54	15.73	10.28	0.39
Fosso di Mezzo	110	Max WS	TR200_D1	20.99	432.08	435.04		435.21	0.001419	2.02	0.55	0.54	15.54	10.18	0.39
Fosso di Mezzo	110	Max WS	TR200_D2	14.19	432.08	434.32		434.50	0.002024	1.97	0.55	0.52	9.51	7.06	0.44
Fosso di Mezzo	105			Culvert											
Fosso di Mezzo	100	Max WS	TR200_D0.5	21.14	430.61	431.58	432.44	435.48	0.151231	8.95	2.69	1.96	2.67	4.48	3.27
Fosso di Mezzo	100	Max WS	TR200_D1	20.99	430.61	431.58	432.43	435.46	0.151410	8.93	2.68	1.95	2.66	4.47	3.27
Fosso di Mezzo	100	Max WS	TR200_D2	14.19	430.61	431.47	432.10	433.98	0.118393	7.13	2.09	1.41	2.19	4.16	2.82
Fosso di Mezzo	97.500*	Max WS	TR200_D0.5	21.08	429.56	430.54	431.12	432.54	0.070824	6.28	0.89	1.21	3.47	4.89	2.27
Fosso di Mezzo	97.500*	Max WS	TR200_D1	20.97	429.56	430.54	431.11	432.54	0.071679	6.29	0.89	1.21	3.44	4.88	2.28
Fosso di Mezzo	97.500*	Max WS	TR200_D2	14.19	429.56	430.26	430.80	432.48	0.140090	6.60	0.78	0.62	2.17	4.46	2.96
Fosso di Mezzo	95	Max WS	TR200_D0.5	21.03	428.51	430.19		430.50	0.004793	2.50	0.21	0.61	8.94	7.05	0.66
Fosso di Mezzo	95	Max WS	TR200_D1	20.95	428.51	430.18		430.49	0.004859	2.51	0.21	0.61	8.88	7.02	0.66
Fosso di Mezzo	95	Max WS	TR200_D2	14.19	428.51	429.53	429.58	430.01	0.015892	3.08	0.22	0.55	4.68	6.07	1.09
Fosso di Mezzo	93.750*	Max WS	TR200_D0.5	21.04	428.20	430.15		430.46	0.003890	2.52	0.42	0.56	9.28	6.69	0.60
Fosso di Mezzo	93.750*	Max WS	TR200_D1	20.95	428.20	430.14		430.45	0.003931	2.53	0.42	0.56	9.21	6.67	0.61
Fosso di Mezzo	93.750*	Max WS	TR200_D2	14.19	428.20	429.41	429.37	429.86	0.011258	2.99	0.31	0.52	4.89	5.14	0.94

HEC-RAS River: Fosso di Mezzo Reach: Fosso di Mezzo Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Fosso di Mezzo	92.500*	Max WS	TR200_D0.5	21.04	427.88	430.10		430.44	0.003687	2.67	0.63	0.54	9.69	7.09	0.59
Fosso di Mezzo	92.500*	Max WS	TR200_D1	20.95	427.88	430.09		430.43	0.003723	2.68	0.63	0.54	9.62	7.05	0.60
Fosso di Mezzo	92.500*	Max WS	TR200_D2	14.19	427.88	429.31	429.22	429.78	0.009291	3.07	0.60	0.51	5.04	4.95	0.87
Fosso di Mezzo	91.250*	Max WS	TR200_D0.5	21.05	427.57	430.08		430.42	0.003653	2.82	0.86	0.52	10.94	8.00	0.59
Fosso di Mezzo	91.250*	Max WS	TR200_D1	20.95	427.57	430.07		430.41	0.003691	2.83	0.86	0.52	10.85	7.97	0.59
Fosso di Mezzo	91.250*	Max WS	TR200_D2	14.19	427.57	429.23	429.14	429.74	0.009193	3.33	0.98	0.53	5.31	5.06	0.86
Fosso di Mezzo	90	Max WS	TR200_D0.5	21.04	427.26	430.11		430.36	0.003426	2.76	1.11	0.49	13.17	8.42	0.53
Fosso di Mezzo	90	Max WS	TR200_D1	20.95	427.26	430.10		430.35	0.003456	2.77	1.11	0.49	13.08	8.40	0.54
Fosso di Mezzo	90	Max WS	TR200_D2	14.19	427.26	429.13		429.64	0.010934	3.67	1.37	0.57	5.98	5.94	0.89
Fosso di Mezzo	85			Culvert											
Fosso di Mezzo	80	Max WS	TR200_D0.5	21.04	426.83	427.67	428.13	429.94	0.116914	8.09	2.41	2.64	4.70	12.63	2.96
Fosso di Mezzo	80	Max WS	TR200_D1	20.95	426.83	427.66	428.13	429.94	0.116832	8.08	2.40	2.64	4.69	12.62	2.96
Fosso di Mezzo	80	Max WS	TR200_D2	14.19	426.83	427.56	427.95	429.63	0.117701	7.31	1.83	2.38	3.33	12.02	2.90
Fosso di Mezzo	79.99			Lat Struct											
Fosso di Mezzo	70.000*	Max WS	TR200_D0.5	21.04	425.73	426.56	427.05	428.89	0.117028	8.13	2.55	2.67	4.51	11.21	2.97
Fosso di Mezzo	70.000*	Max WS	TR200_D1	20.95	425.73	426.56	427.05	428.89	0.116889	8.11	2.54	2.67	4.49	11.21	2.96
Fosso di Mezzo	70.000*	Max WS	TR200_D2	14.19	425.73	426.45	426.86	428.53	0.117202	7.30	1.92	2.38	3.25	10.76	2.89
Fosso di Mezzo	60.000*	Max WS	TR200_D0.5	21.04	424.63	425.47	425.99	427.85	0.114988	8.14	2.68	2.69	4.32	9.86	2.95
Fosso di Mezzo	60.000*	Max WS	TR200_D1	20.95	424.63	425.47	425.99	427.85	0.114984	8.13	2.68	2.68	4.30	9.85	2.95
Fosso di Mezzo	60.000*	Max WS	TR200_D2	14.19	424.63	425.35	425.78	427.43	0.115696	7.28	2.07	2.37	3.14	9.34	2.87
Fosso di Mezzo	50.000*	Max WS	TR200_D0.5	21.04	423.53	424.38	424.96	426.94	0.116914	8.29	2.82	2.75	4.05	8.60	2.98
Fosso di Mezzo	50.000*	Max WS	TR200_D1	20.95	423.53	424.38	424.95	426.93	0.116848	8.28	2.82	2.74	4.04	8.60	2.98
Fosso di Mezzo	50.000*	Max WS	TR200_D2	14.19	423.53	424.25	424.72	426.40	0.116896	7.34	2.25	2.39	2.96	7.93	2.89
Fosso di Mezzo	40	Max WS	TR200_D0.5	21.04	422.43	423.32	423.86	425.95	0.107596	8.26	2.26	2.75	4.23	10.25	2.88
Fosso di Mezzo	40	Max WS	TR200_D1	20.95	422.43	423.32	423.86	425.95	0.107762	8.25	2.25	2.75	4.21	10.25	2.88
Fosso di Mezzo	40	Max WS	TR200_D2	14.19	422.43	423.17	423.65	425.33	0.109117	7.27	2.33	2.37	2.85	6.79	2.80
Fosso di Mezzo	35.000*	Max WS	TR200_D0.5	21.04	421.79	422.77	423.43	425.25	0.090682	7.33	2.28	2.04	3.54	6.21	2.61
Fosso di Mezzo	35.000*	Max WS	TR200_D1	20.95	421.79	422.76	423.43	425.24	0.090523	7.31	2.27	2.03	3.54	6.21	2.60
Fosso di Mezzo	35.000*	Max WS	TR200_D2	14.19	421.79	422.64	423.13	424.38	0.078647	6.07	1.79	1.61	2.77	5.65	2.36
Fosso di Mezzo	30	Max WS	TR200_D0.5	21.04	421.16	422.06	422.78	425.34	0.161939	8.08	1.86	1.82	2.76	5.31	3.30
Fosso di Mezzo	30	Max WS	TR200_D1	20.95	421.16	422.06	422.78	425.33	0.162145	8.07	1.85	1.82	2.75	5.30	3.30
Fosso di Mezzo	30	Max WS	TR200_D2	14.19	421.16	421.92	422.49	424.49	0.176391	7.12	1.32	1.45	2.05	4.85	3.30
Fosso di Mezzo	29.98			Lat Struct											
Fosso di Mezzo	22.500	Max WS	TR200_D0.5	2.29	419.78	421.50		421.51	0.000163	0.50	0.15	0.16	6.93	6.58	0.12
Fosso di Mezzo	22.500	Max WS	TR200_D1	2.23	419.78	421.45		421.46	0.000173	0.50	0.15	0.16	6.63	6.45	0.13
Fosso di Mezzo	22.500	Max WS	TR200_D2	2.23	419.78	421.50		421.51	0.000154	0.48	0.15	0.16	6.95	6.59	0.12
Fosso di Mezzo	15.000	Max WS	TR200_D0.5	1.99	419.42	421.48		421.48	0.000019	0.18	0.05	0.07	15.87	12.78	0.04
Fosso di Mezzo	15.000	Max WS	TR200_D1	1.82	419.42	421.44		421.44	0.000017	0.17	0.05	0.06	15.35	12.44	0.04
Fosso di Mezzo	15.000	Max WS	TR200_D2	1.84	419.42	421.48		421.49	0.000016	0.17	0.05	0.06	15.91	12.81	0.04
Fosso di Mezzo	7.500	Max WS	TR200_D0.5	-9.17	418.69	421.45		421.45	0.000098	-0.53	-0.15	-0.23	32.57	19.63	0.10
Fosso di Mezzo	7.500	Max WS	TR200_D1	-6.11	418.69	421.43		421.43	0.000045	-0.36	-0.10	-0.15	32.26	19.63	0.07
Fosso di Mezzo	7.500	Max WS	TR200_D2	-9.90	418.69	421.45		421.46	0.000114	-0.58	-0.16	-0.24	32.63	19.63	0.11
Fosso di Mezzo	0	Max WS	TR200_D0.5	-54.97	418.29	421.25	420.01	421.36	0.001393	-2.13	-0.91	-0.93	47.56	19.95	0.40
Fosso di Mezzo	0	Max WS	TR200_D1	-55.03	418.29	421.25	420.01	421.36	0.001396	-2.14	-0.91	-0.93	47.56	19.95	0.40
Fosso di Mezzo	0	Max WS	TR200_D2	-55.24	418.29	421.25	420.01	421.36	0.001407	-2.14	-0.91	-0.94	47.56	19.95	0.40

ALLEGATI

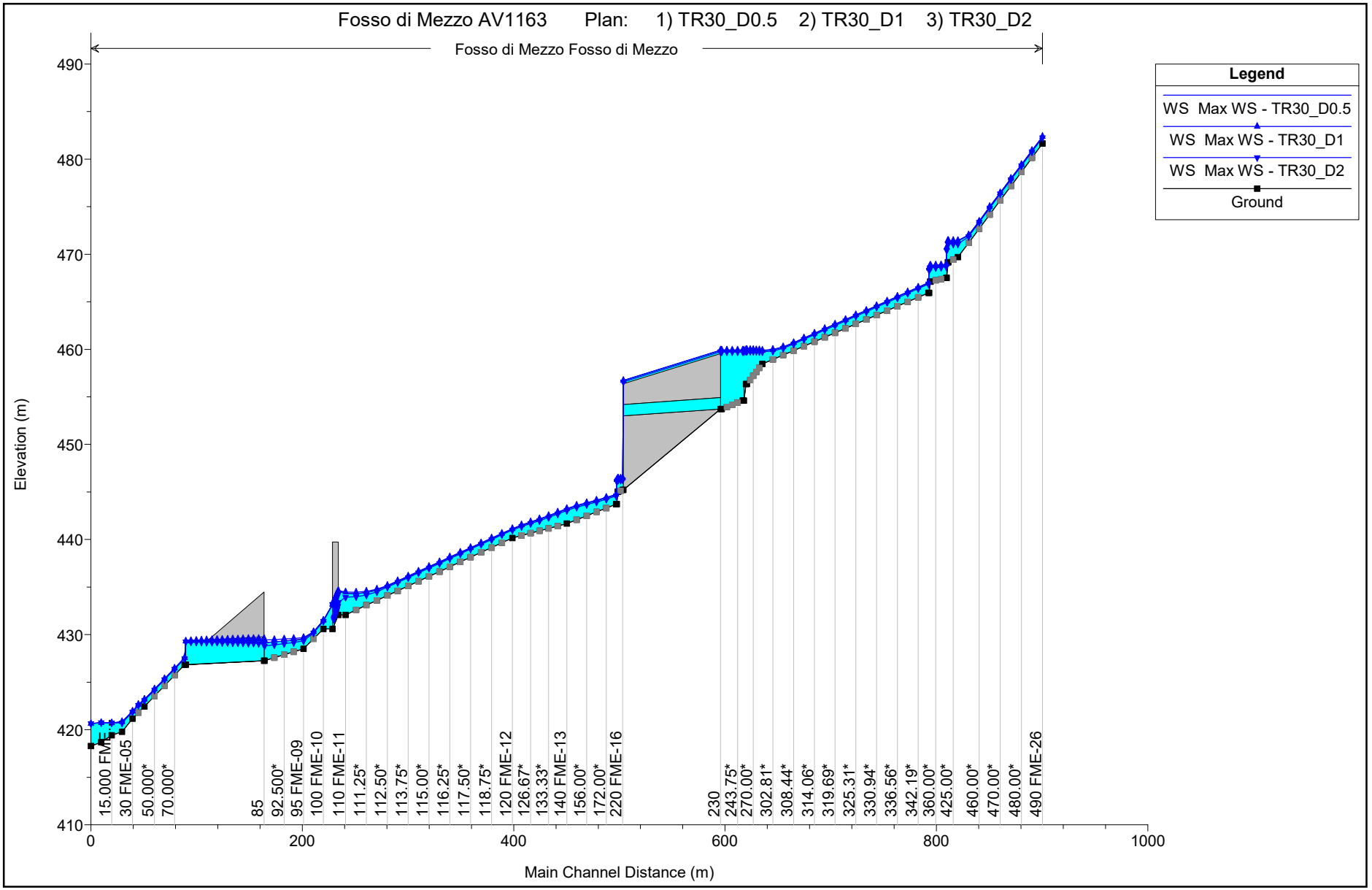
MODELLAZIONE HEC-RAS 5.0.7 "FOSSO DI MEZZO AV1163"

Fosso di Mezzo

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 0.5, 1 e 2 h

Profilo longitudinale


Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
Fosso di Mezzo Fosso di Mezzo
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Elevation (m)
Main Channel Distance (m)
490
480
470
460
450
440
430
420
410
0
200
400
600
800
1000
15.000 FME-01
30 FME-05
50.000*
70.000*
85
92.500*
95 FME-09
100 FME-10
110 FME-11
111.25*
112.50*
113.75*
115.00*
116.25*
117.50*
118.75*
120 FME-12
126.67*
133.33*
140 FME-13
156.00*
172.00*
220 FME-16
230
243.75*
270.00*
302.81*
308.44*
314.06*
319.69*
325.31*
330.94*
336.56*
342.19*
360.00*
425.00*
460.00*
470.00*
480.00*
490 FME-26

ALLEGATI

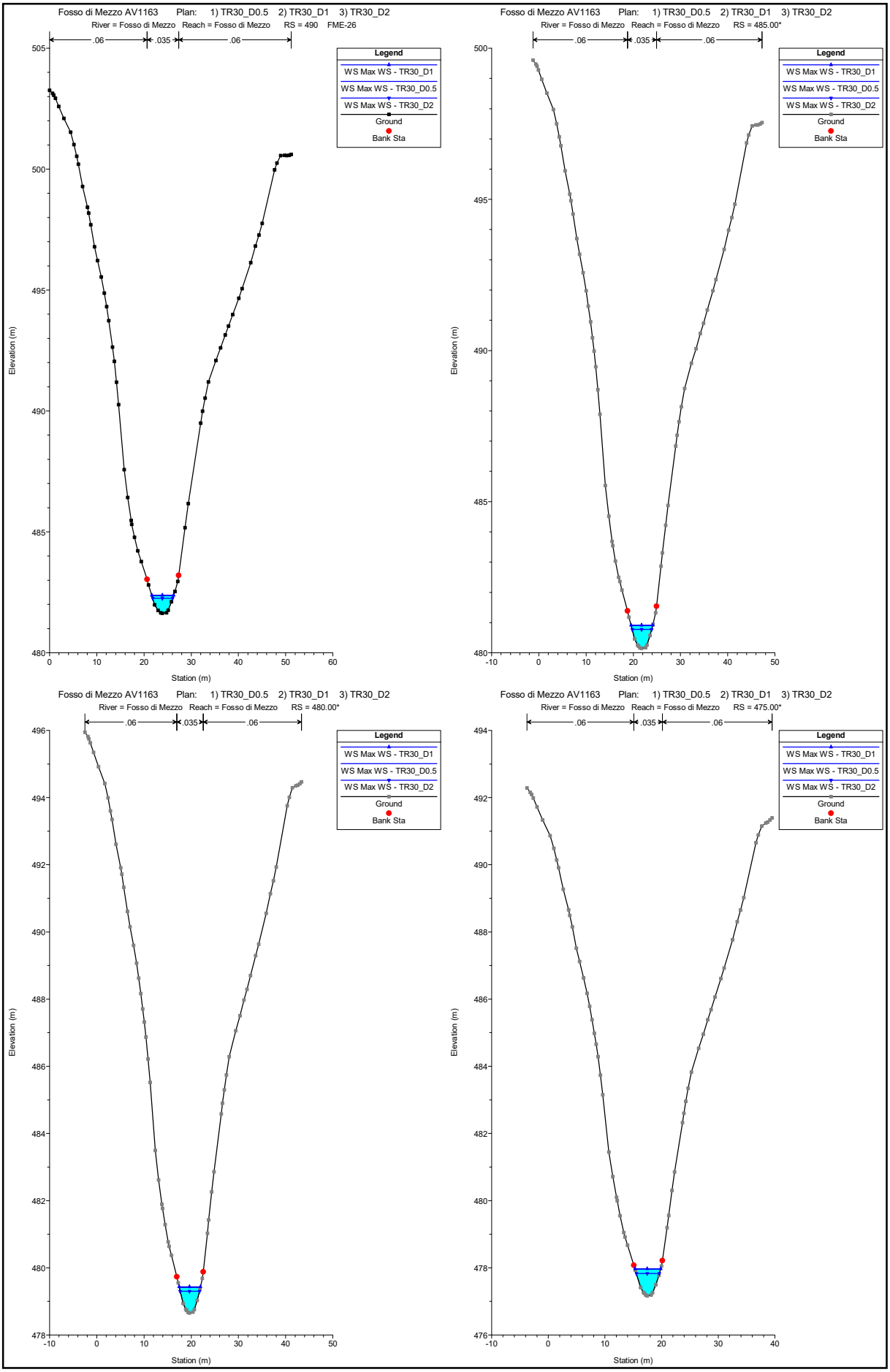
MODELLAZIONE HEC-RAS 5.0.7 "FOSSO DI MEZZO AV1163"

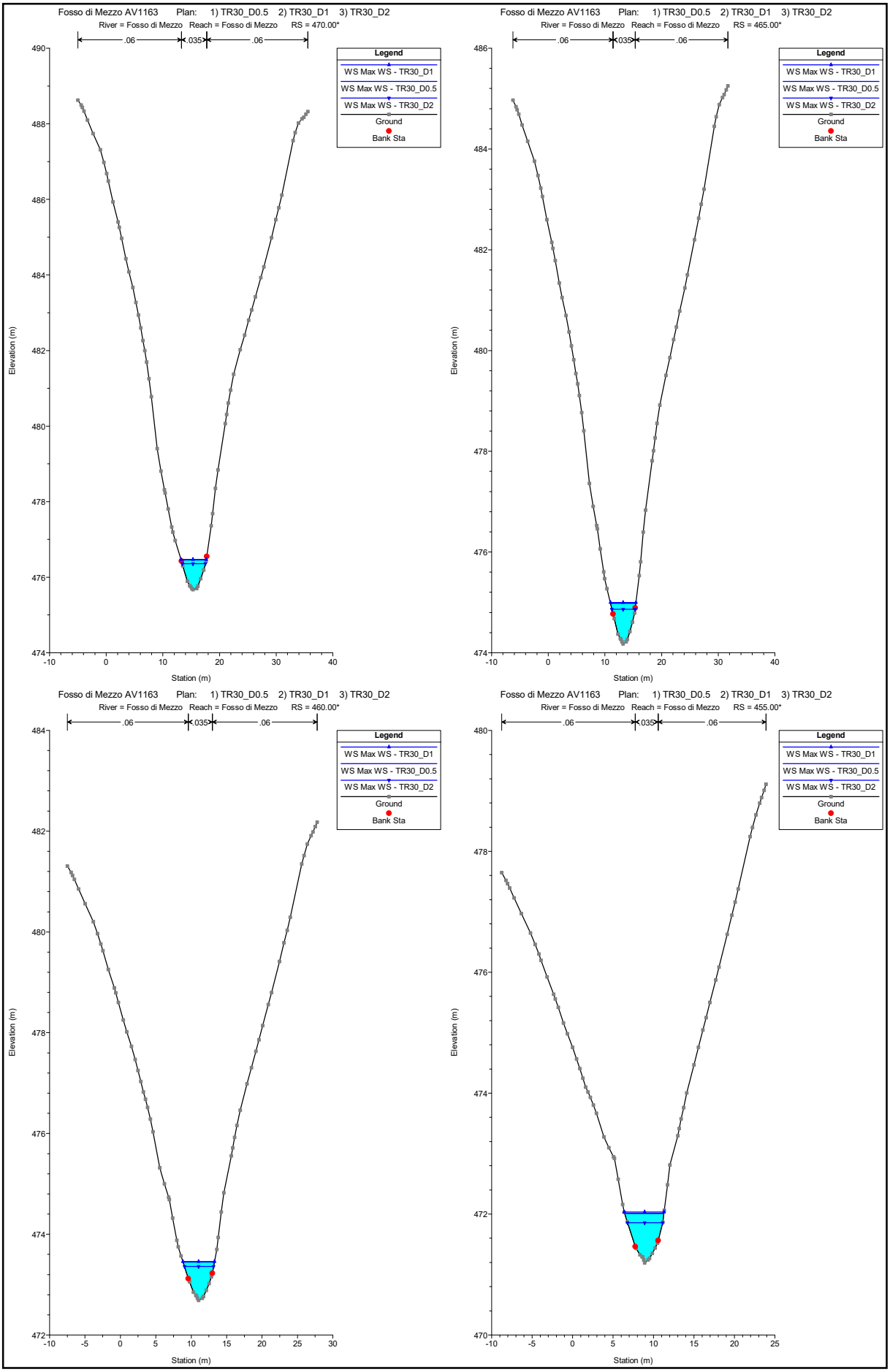
Fosso di Mezzo

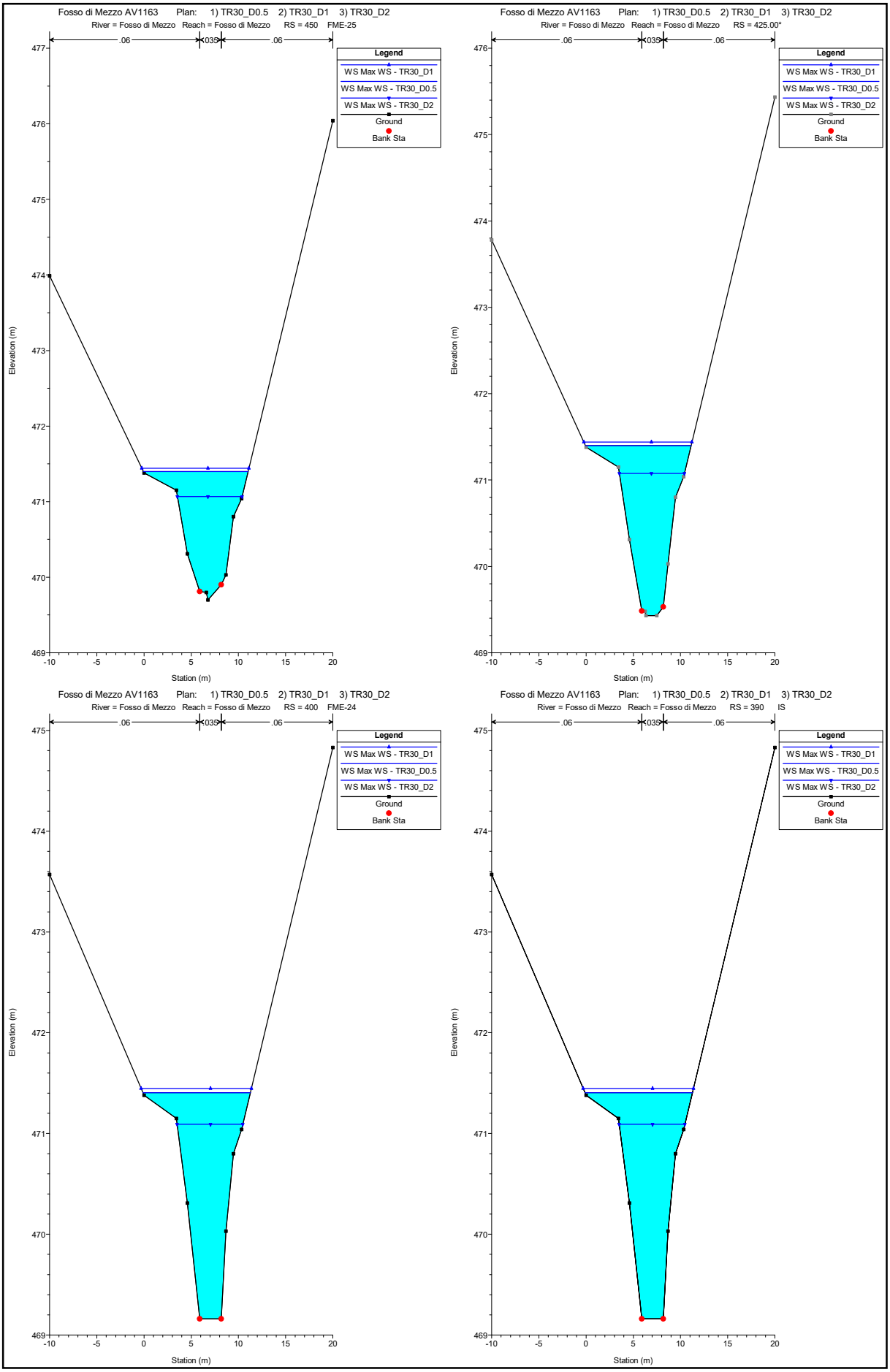
MODELLAZIONE PER TR= 30 anni

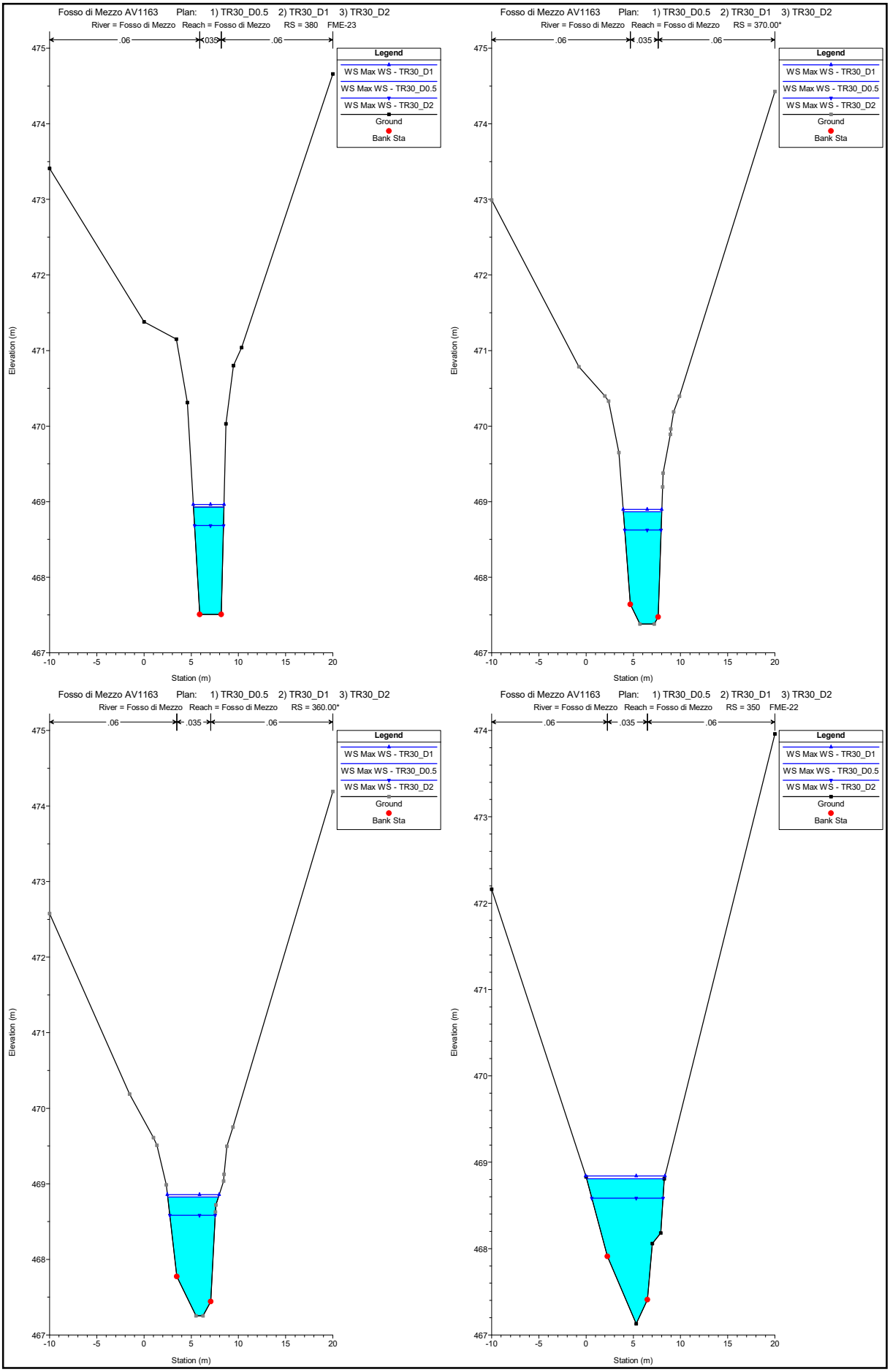
DURATE DI PIOGGIA: 0.5, 1 e 2 h

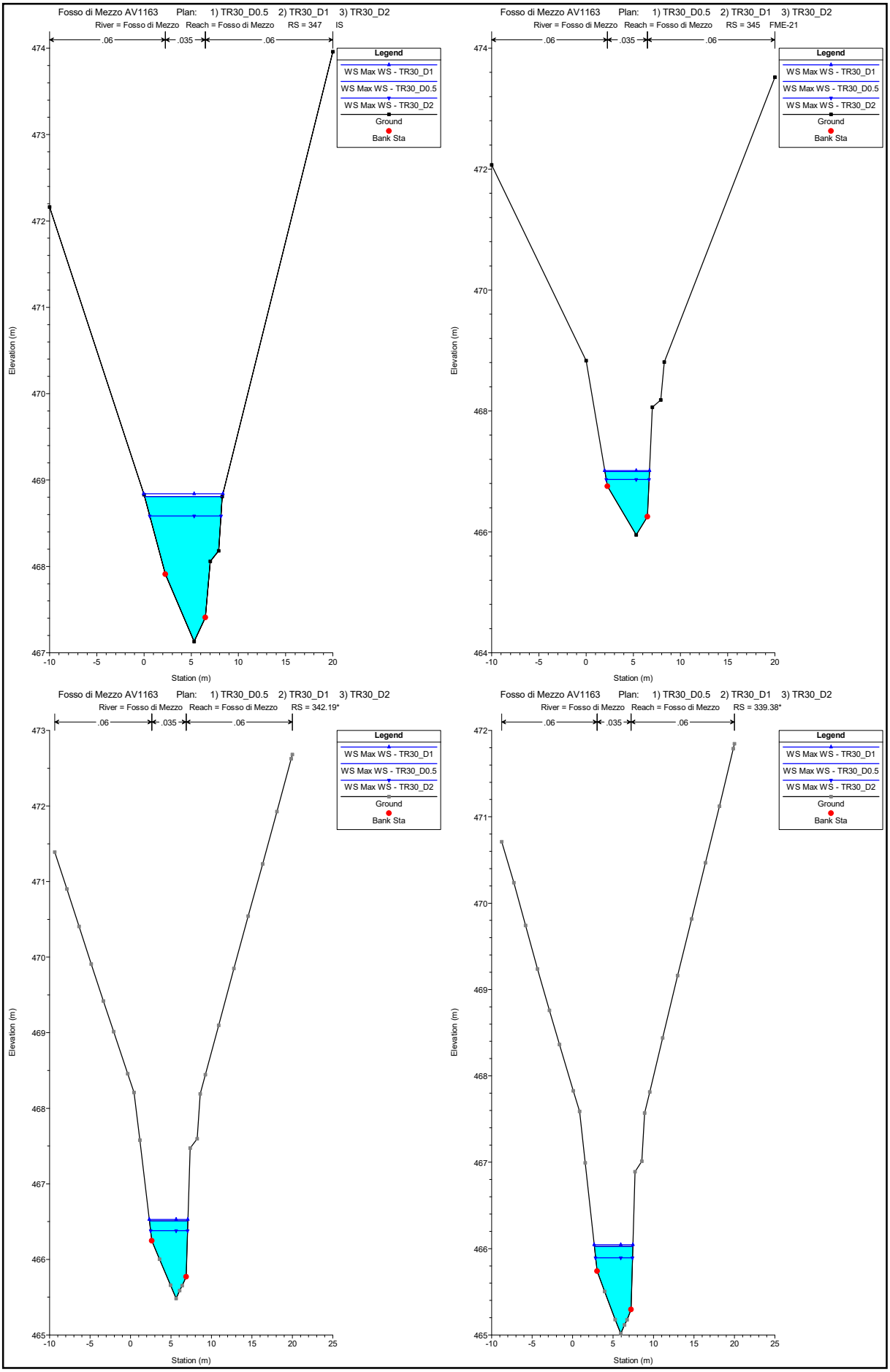
Sezioni Trasversali (da monte verso valle)

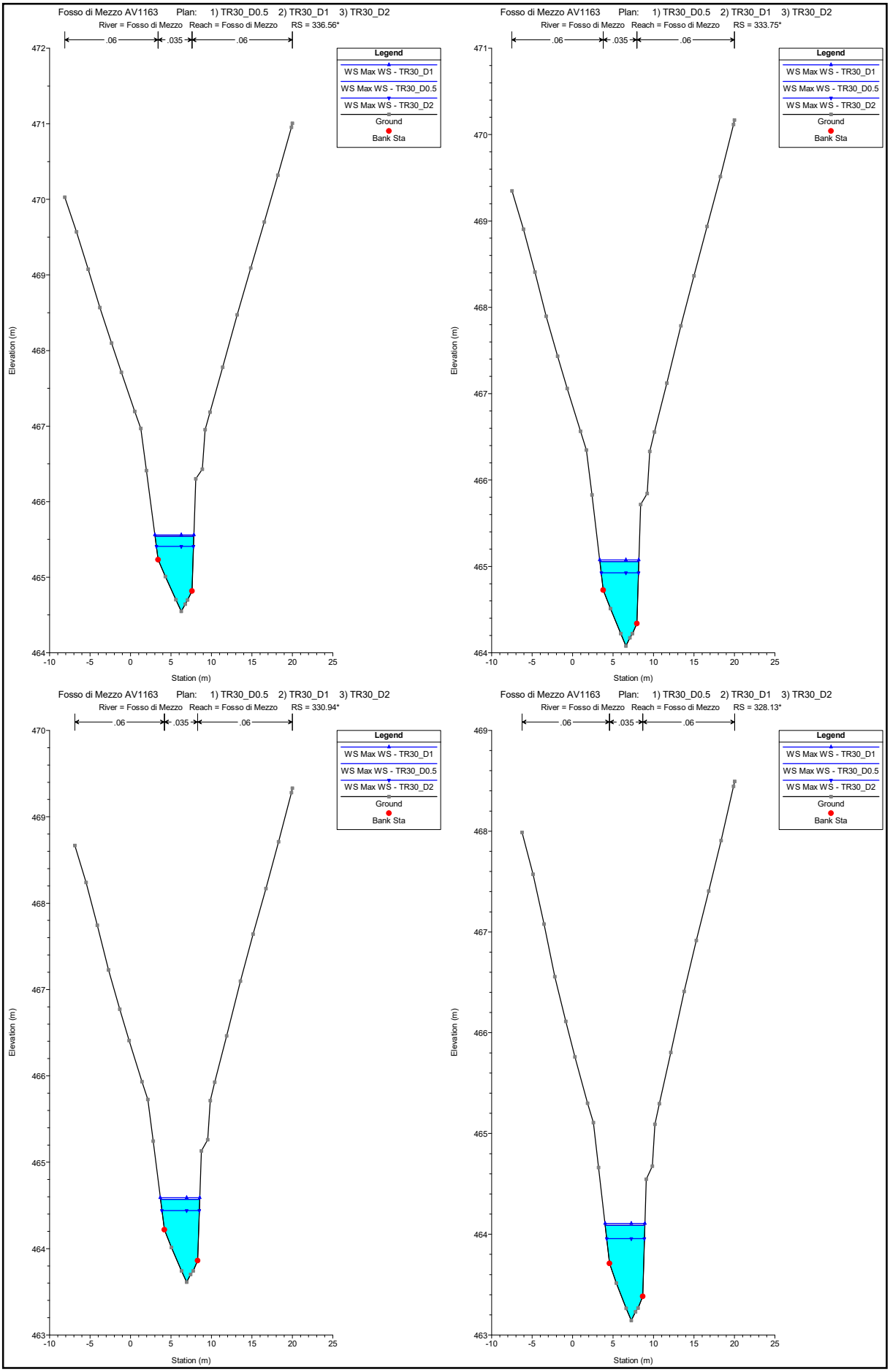

Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 490 FME-26
.06 .035 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 485.00*
.06 .035 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 480.00*
.06 .035 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 475.00*
.06 .035 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

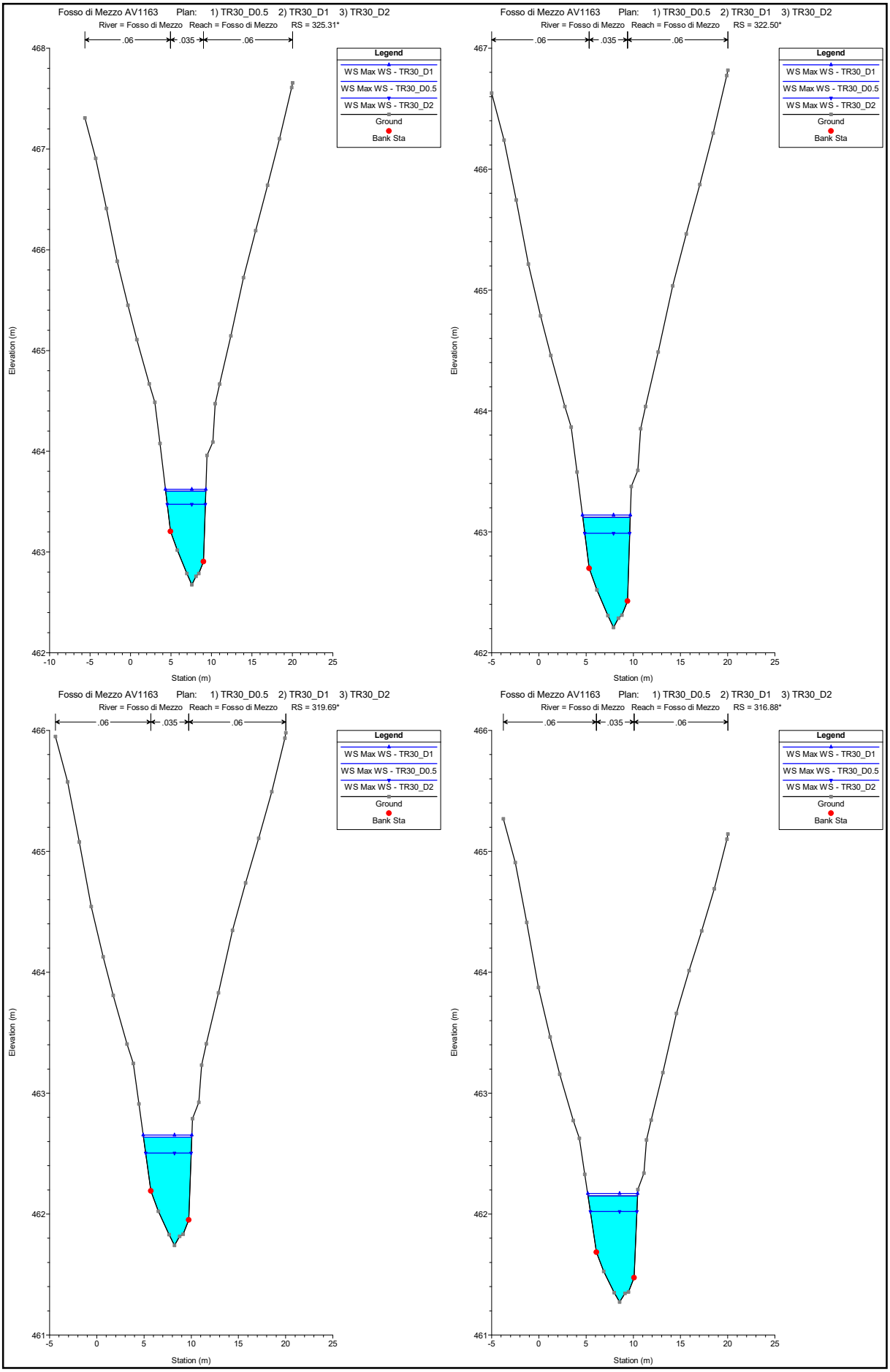

Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 470.00*
.06 .035 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 465.00*
.06 .035 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 460.00*
.06 .035 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 455.00*
.06 .035 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

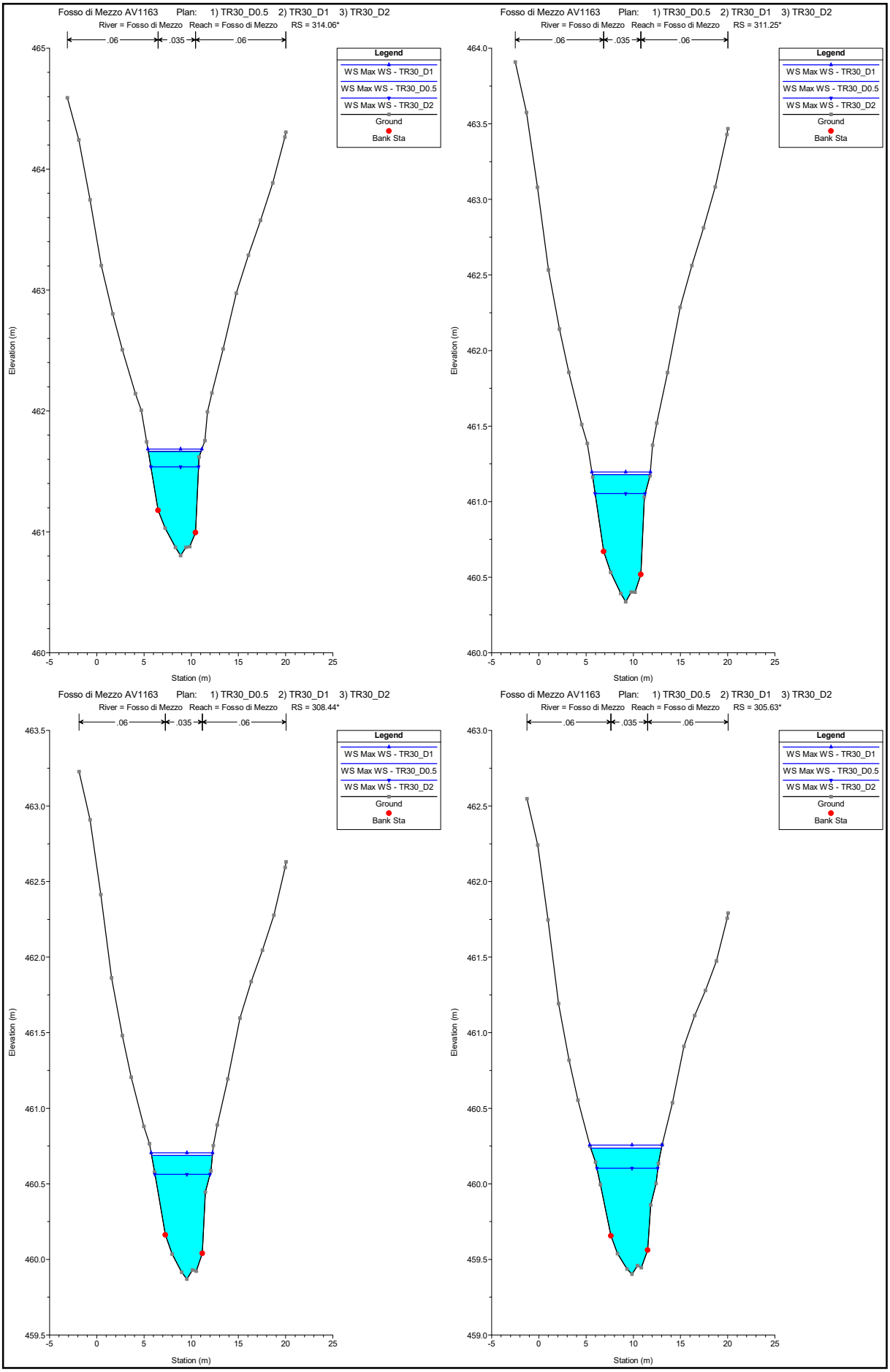

Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 450 FME-25
.06
.035
.06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 425.00*
Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 400 FME-24
Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 390 IS

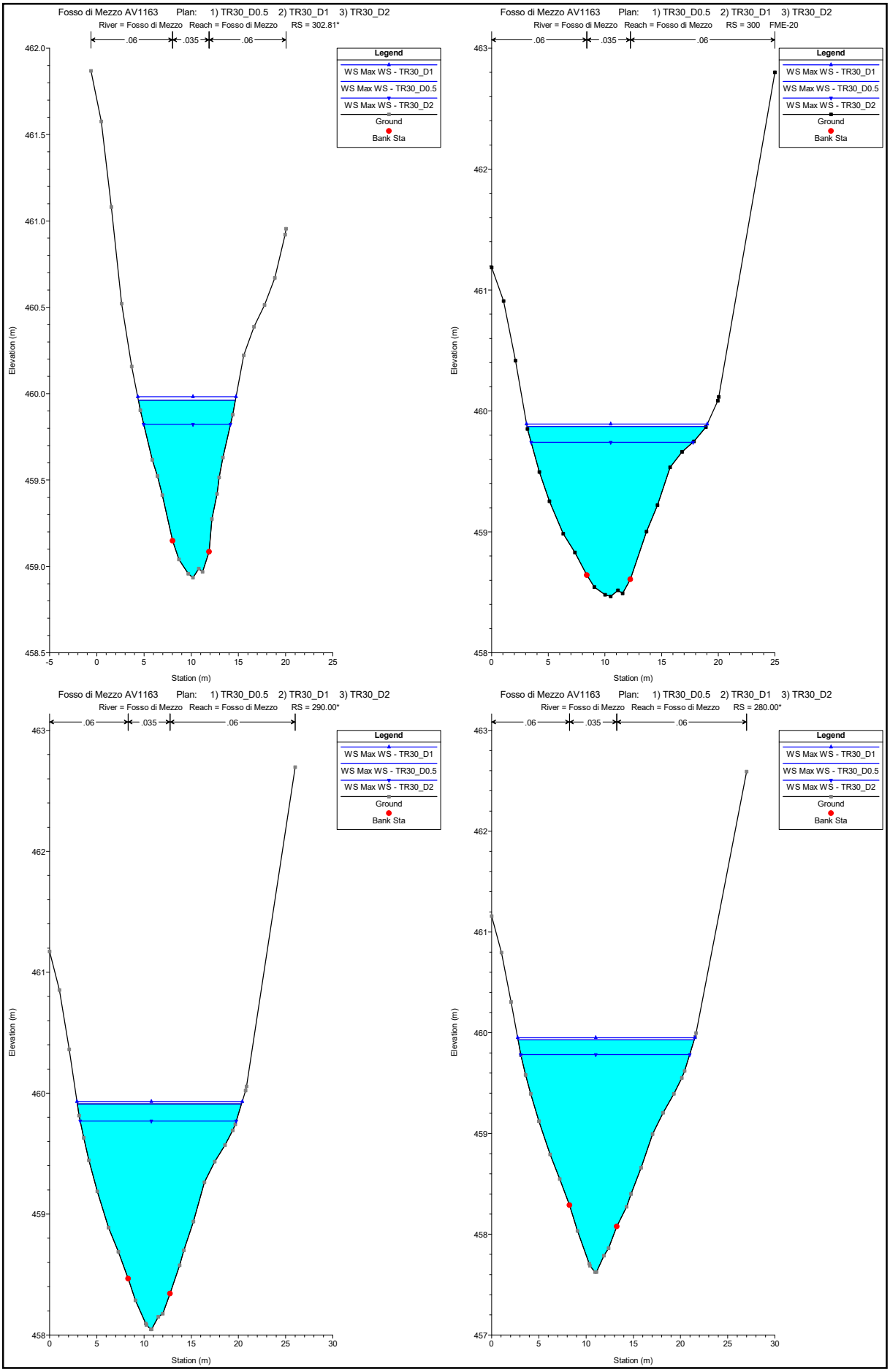

Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 380 FME-23
.06
.035
.06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 370.00*
Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 360.00*
Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 350 FME-22

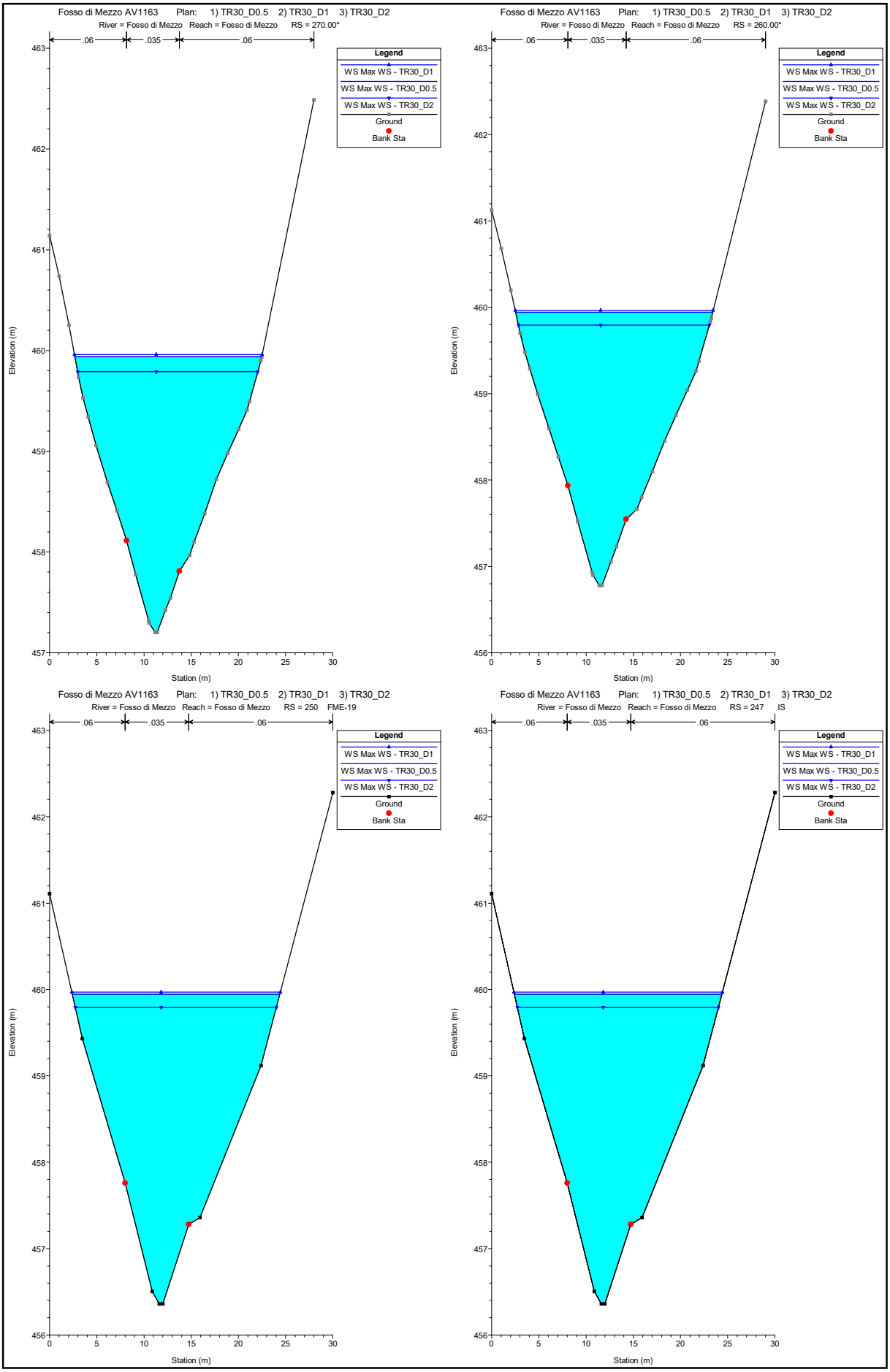

Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 347 IS
.06 .035 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 345 FME-21
.06 .035 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 342.19*
.06 .035 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 339.38*
.06 .035 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

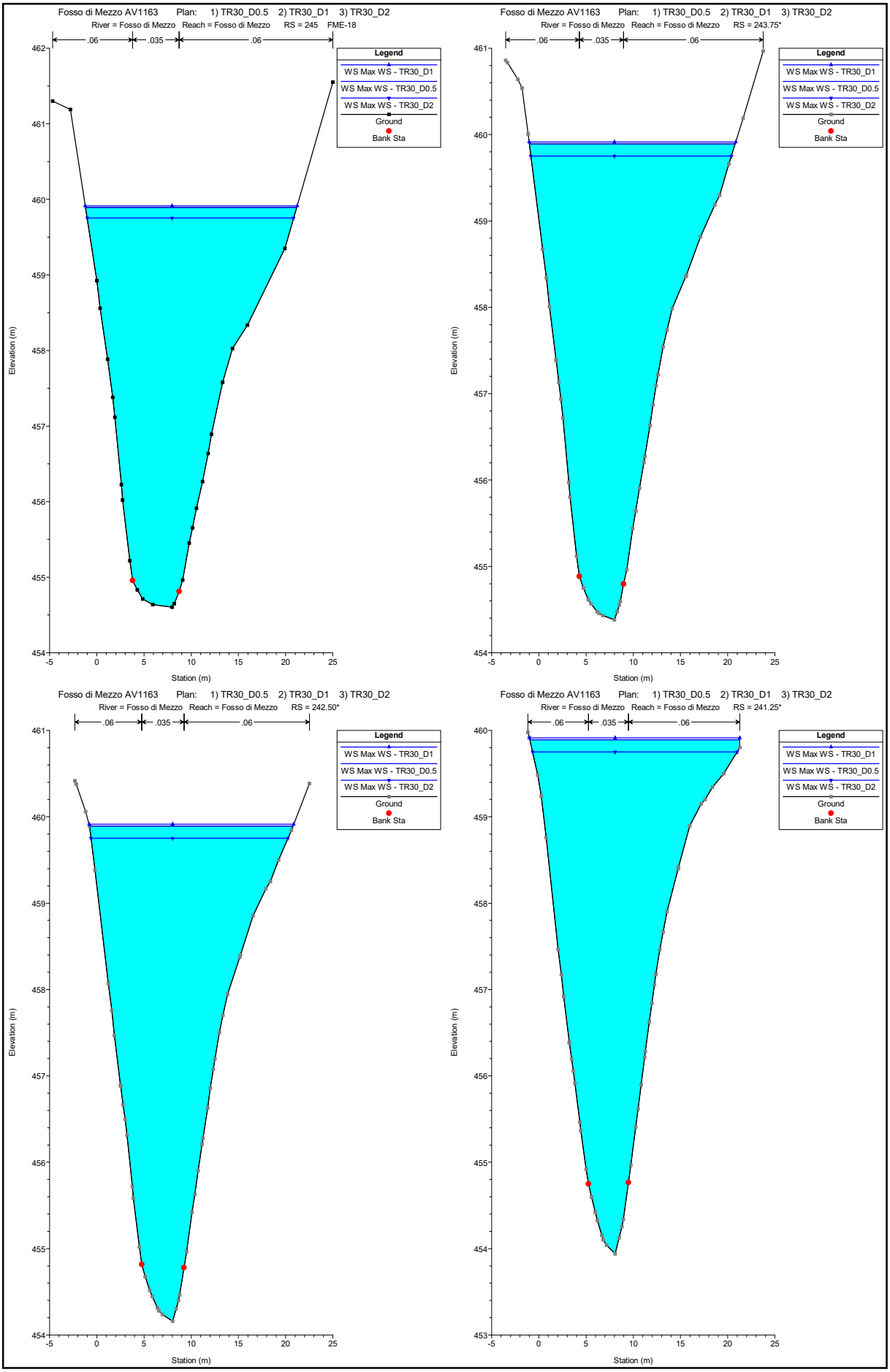

Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 336.56*
.06 .035 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 333.75*
.06 .035 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 330.94*
.06 .035 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 328.13*
.06 .035 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

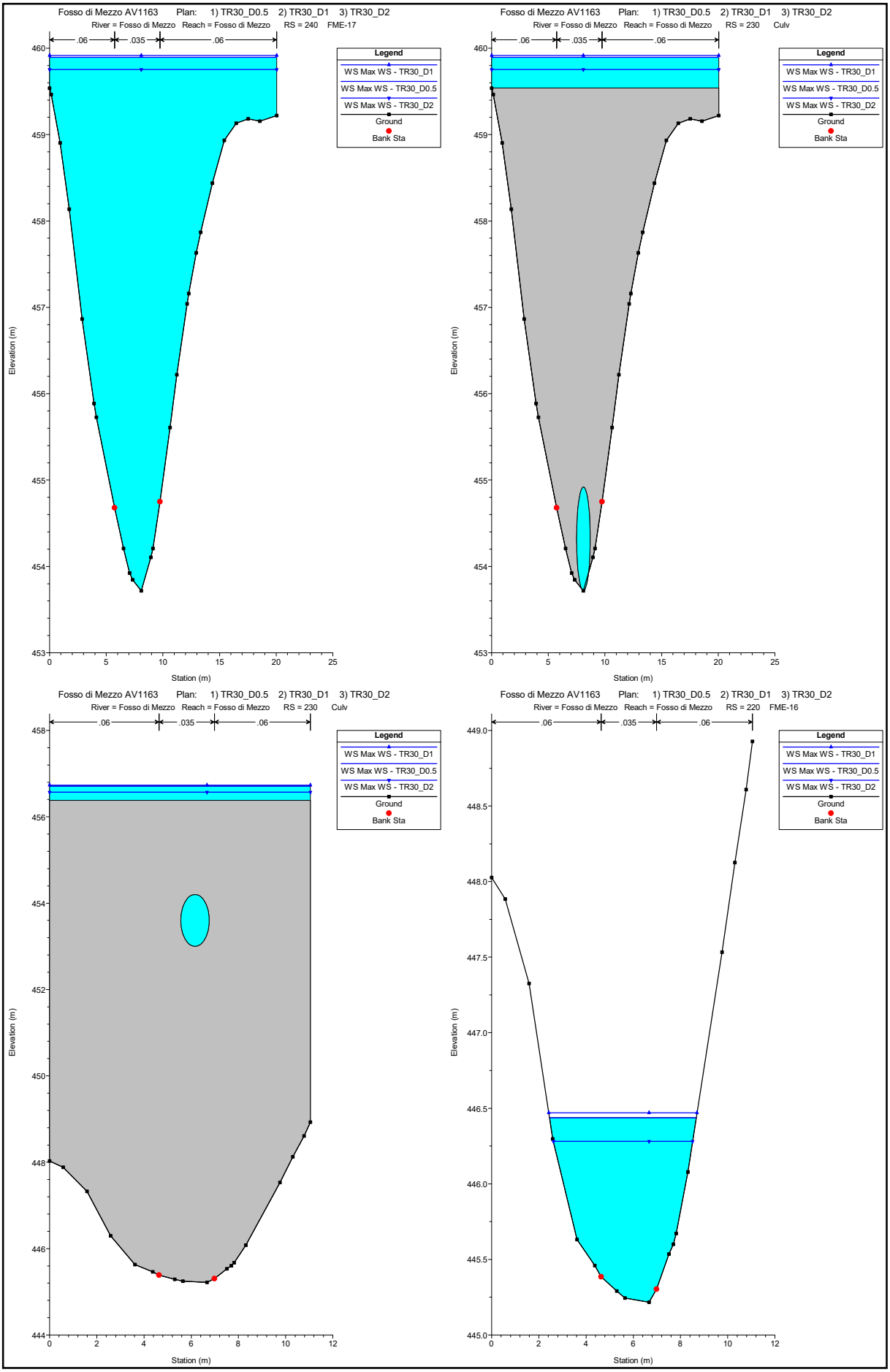

Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 325.31*
.06
.035
.06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 322.50*
.06
.035
.06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 319.69*
.06
.035
.06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 316.88*
.06
.035
.06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

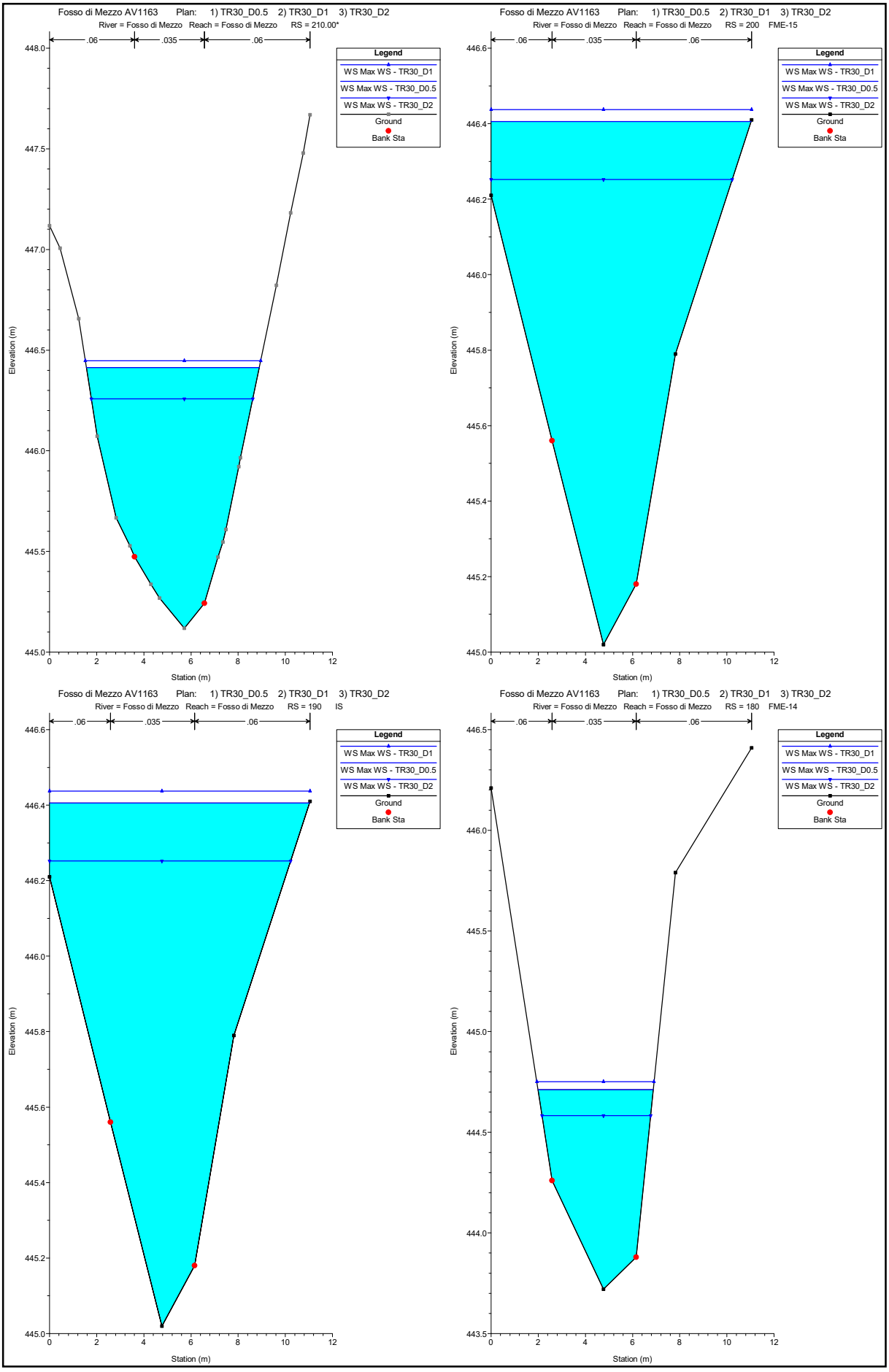

Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 314.06*
.06 .035 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 311.25*
.06 .035 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 308.44*
.06 .035 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 305.63*
.06 .035 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

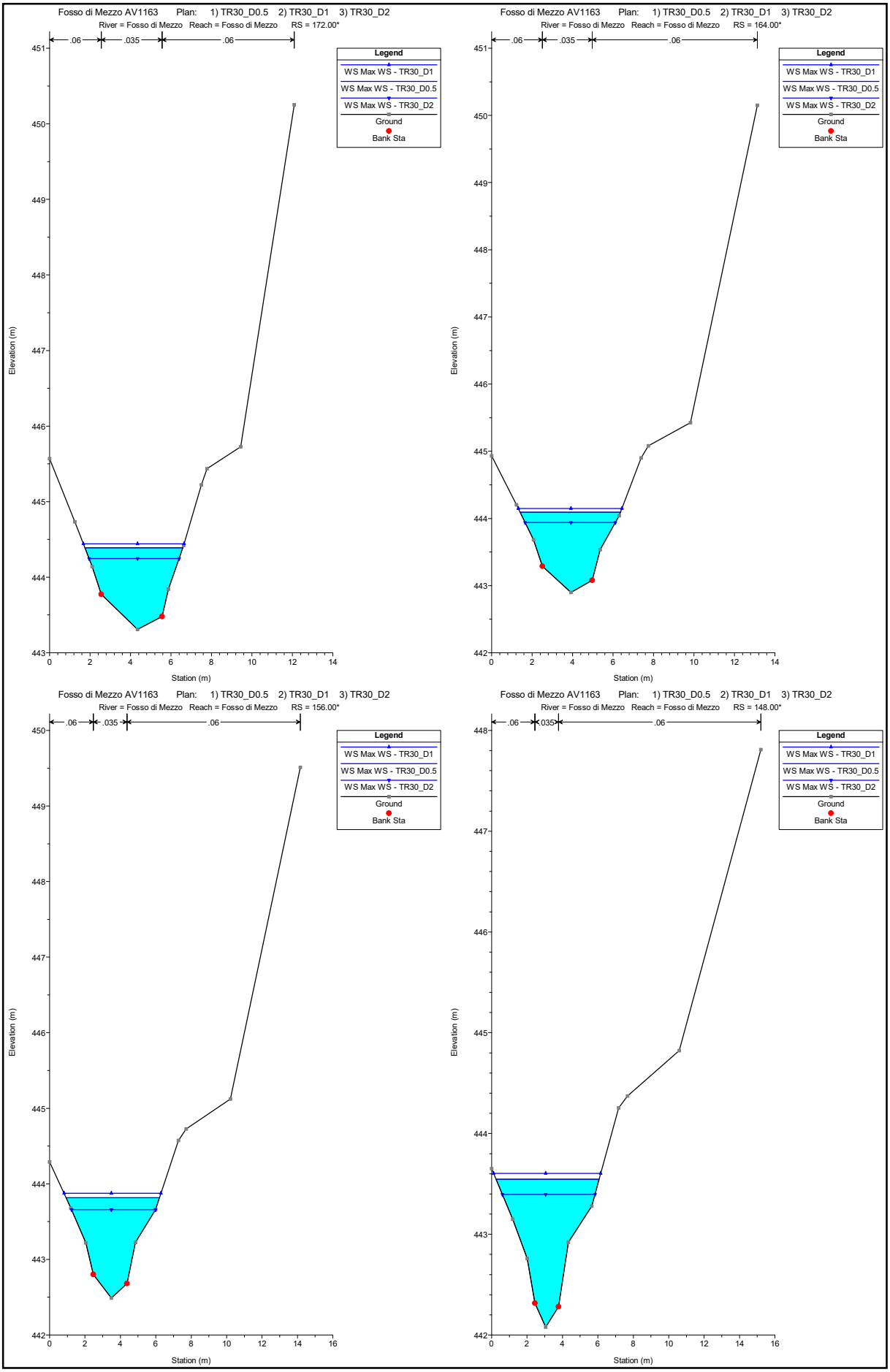

Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 302.81*
.06 .035 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 300 FME-20
.06 .035 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 290.00*
.06 .035 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 280.00*
.06 .035 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

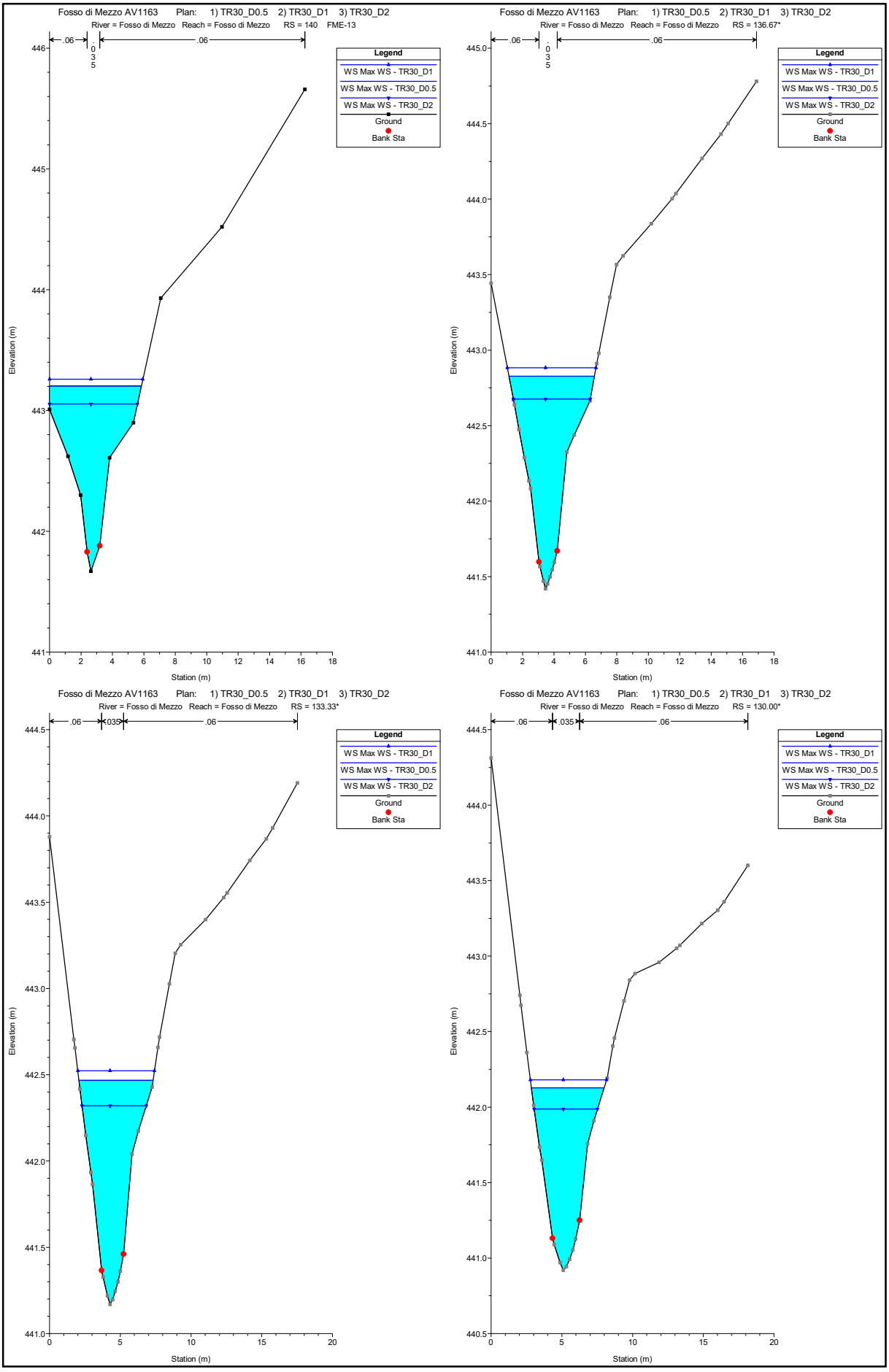

Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 270.00*
.06 .035 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 260.00*
.06 .035 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 250 FME-19
.06 .035 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 247 IS
.06 .035 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

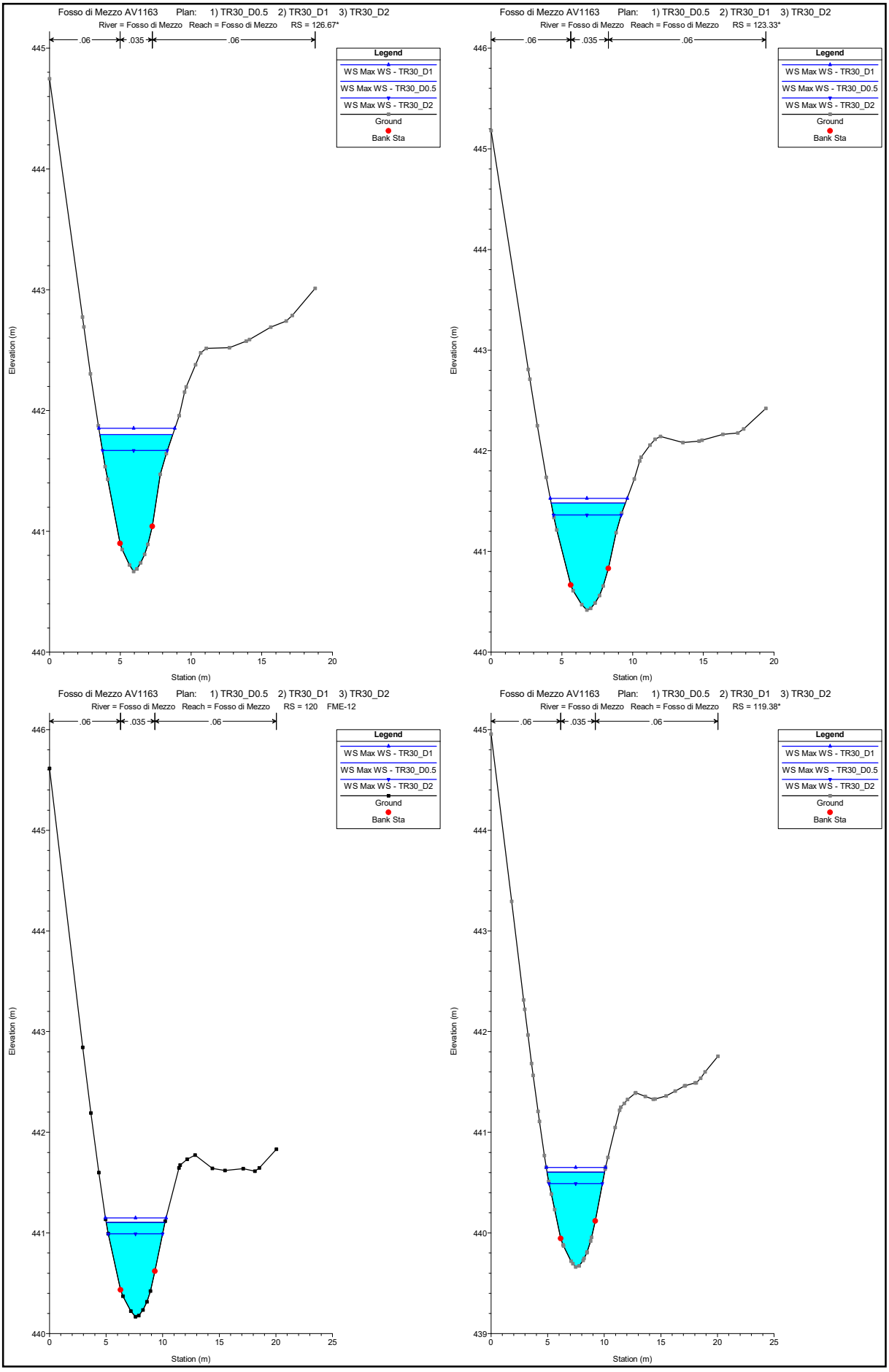

Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 245 FME-18
.06 .035 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 243.75*
.06 .035 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 242.50*
.06 .035 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 241.25*
.06 .035 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

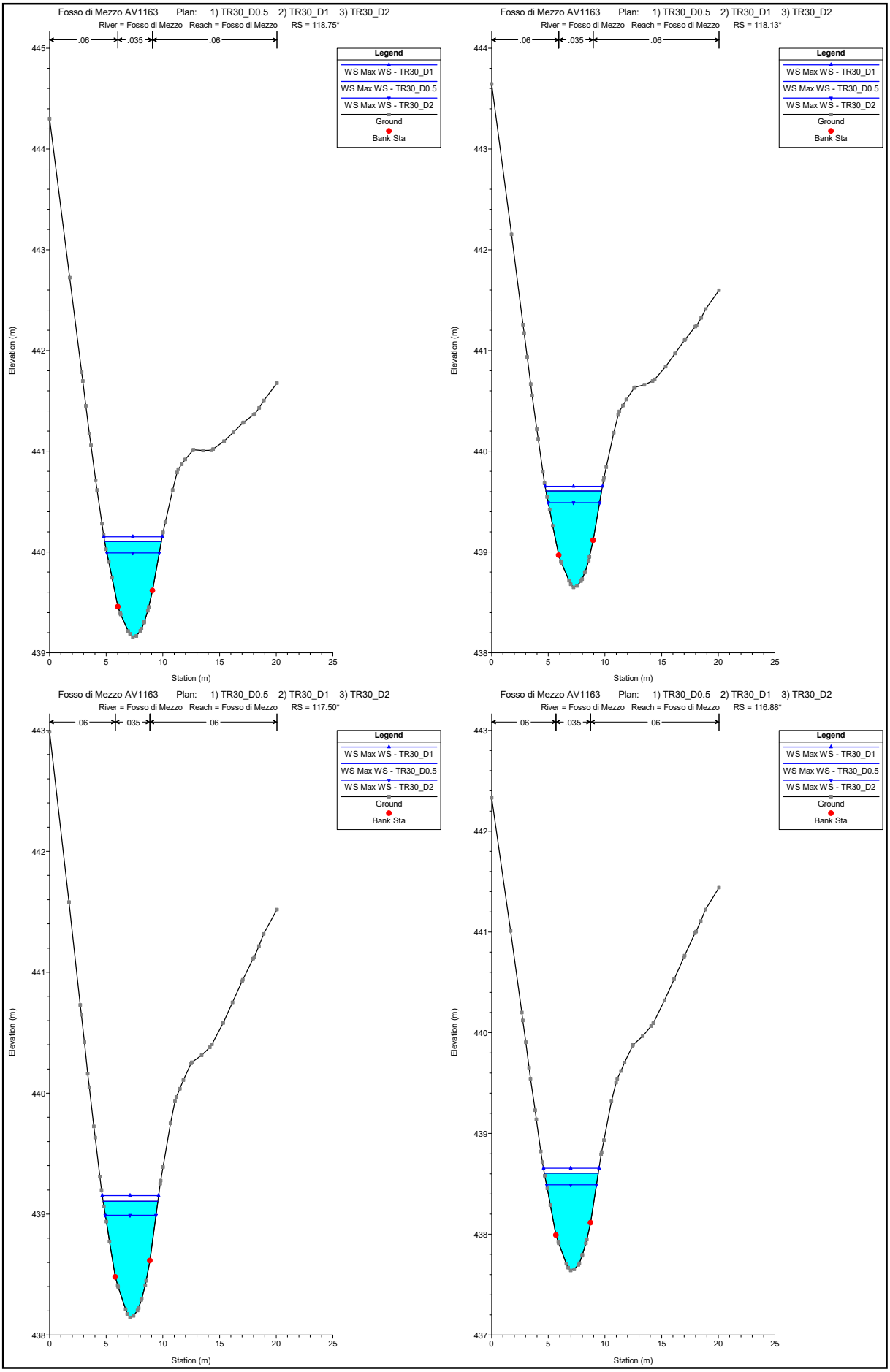

Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 240 FME-17
.06 .035 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 230 Culv
.06 .035 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 230 Culv
.06 .035 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 220 FME-16
.06 .035 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

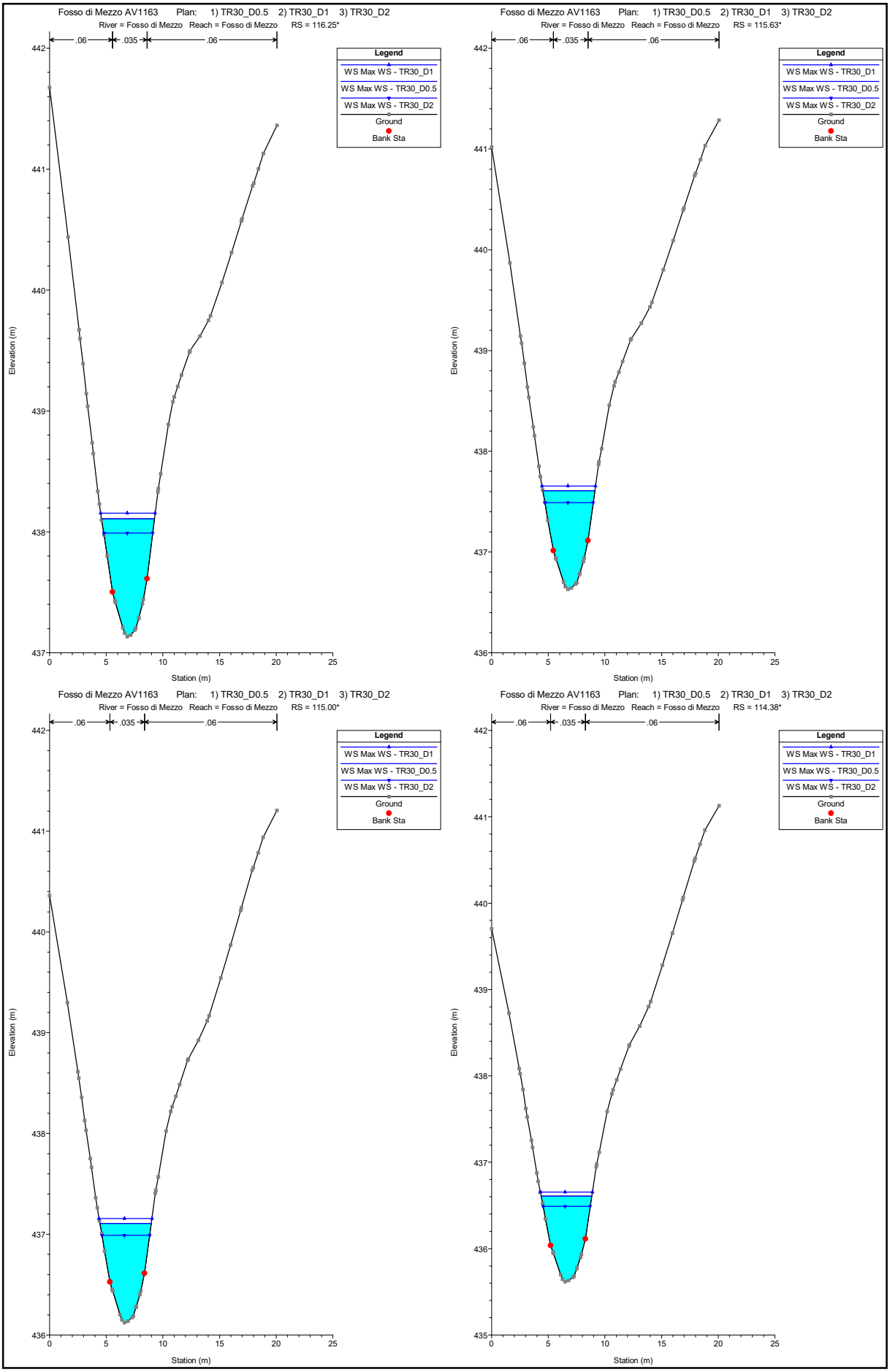

Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 210.00*
.06
.035
.06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 200 FME-15
Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 190 IS
Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 180 FME-14

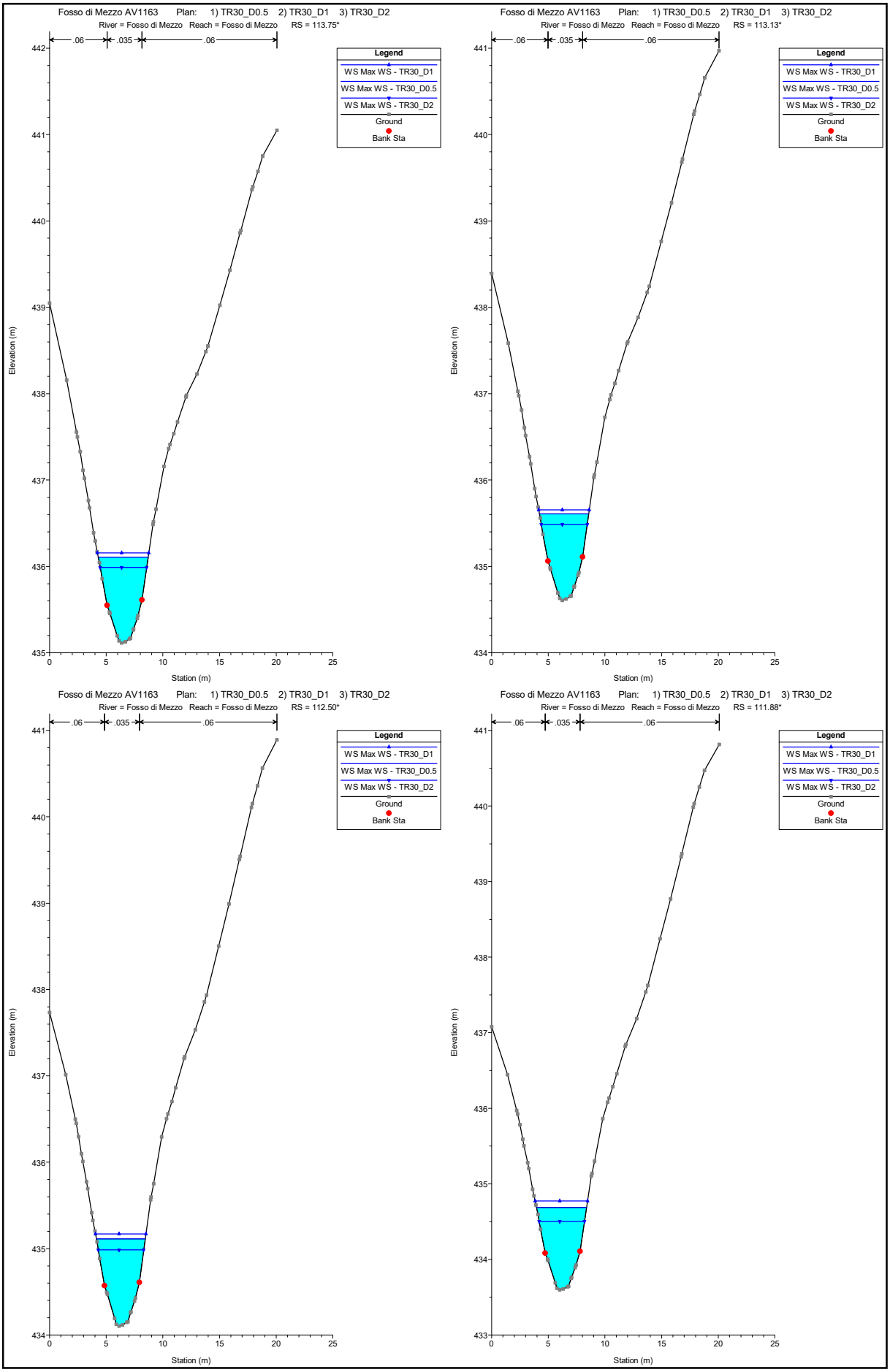

Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 172.00*
.06
.035
.06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 164.00*
.06
.035
.06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 156.00*
.06
.035
.06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 148.00*
.06
.035
.06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

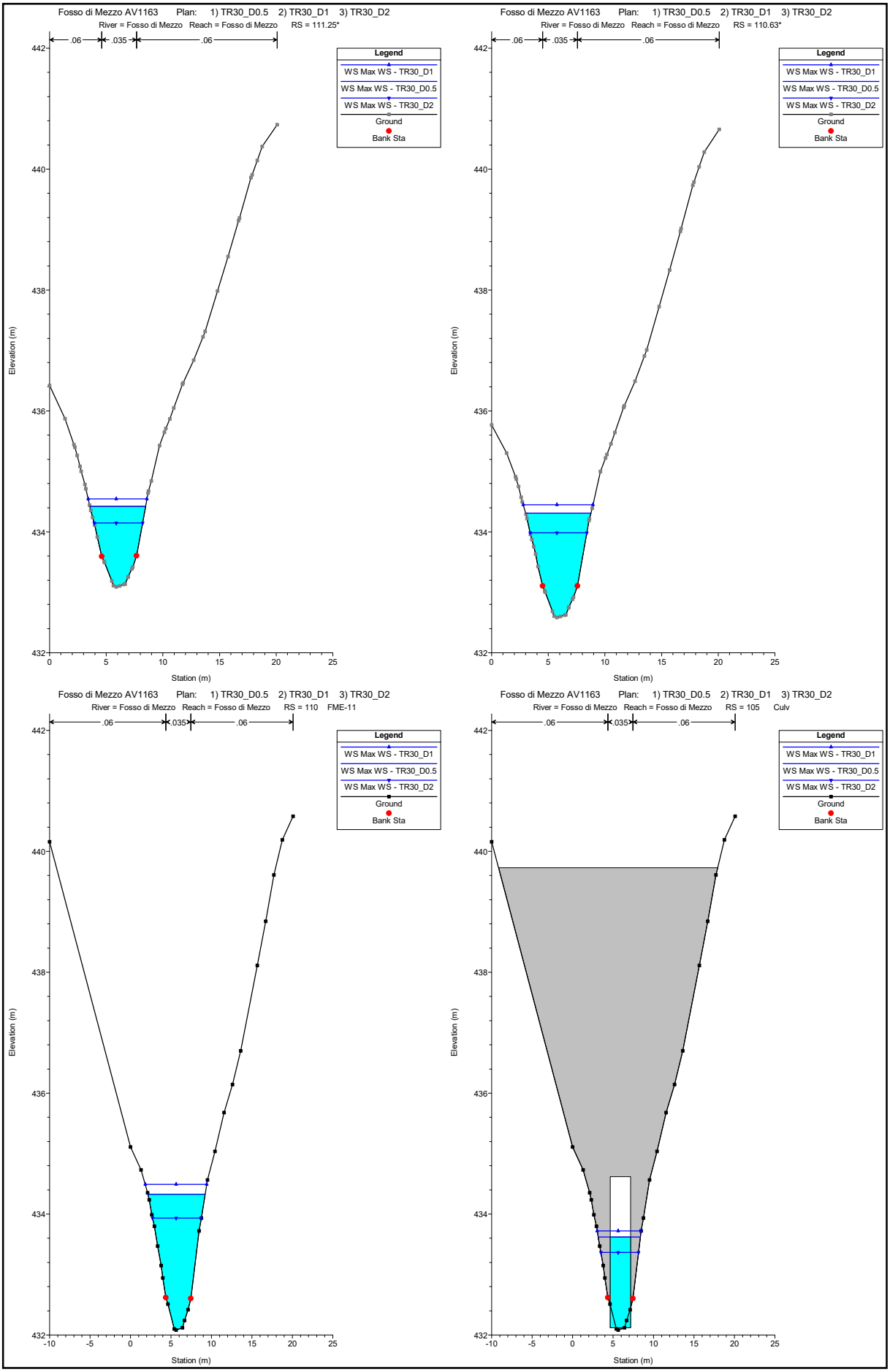

Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 140 FME-13
.06
.035
.06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 136.67*
.06
.035
.06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 133.33*
.06
.035
.06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 130.00*
.06
.035
.06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

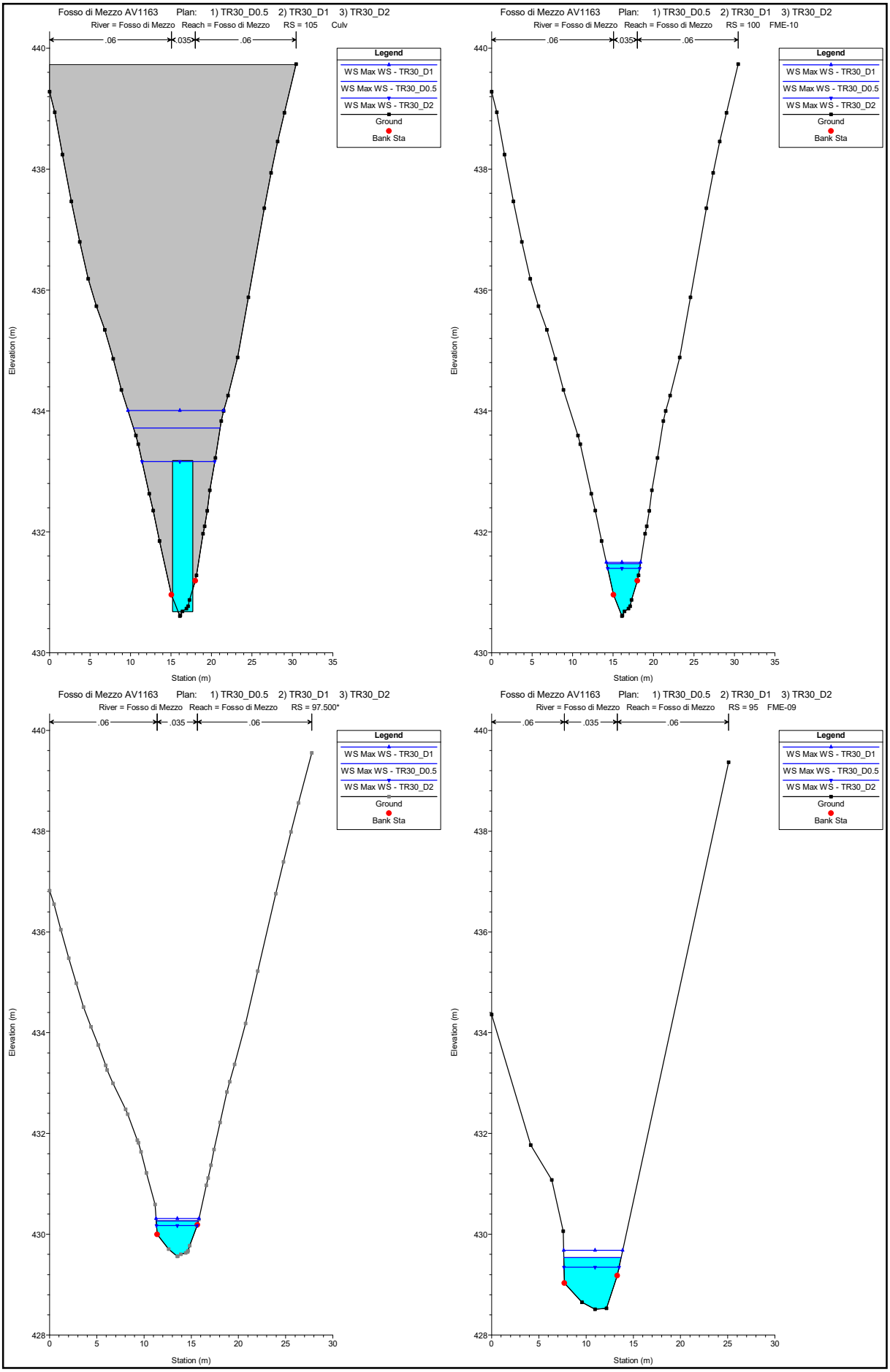

Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 126.67*
.06 .035 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 123.33*
.06 .035 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 120 FME-12
.06 .035 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 119.38*
.06 .035 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

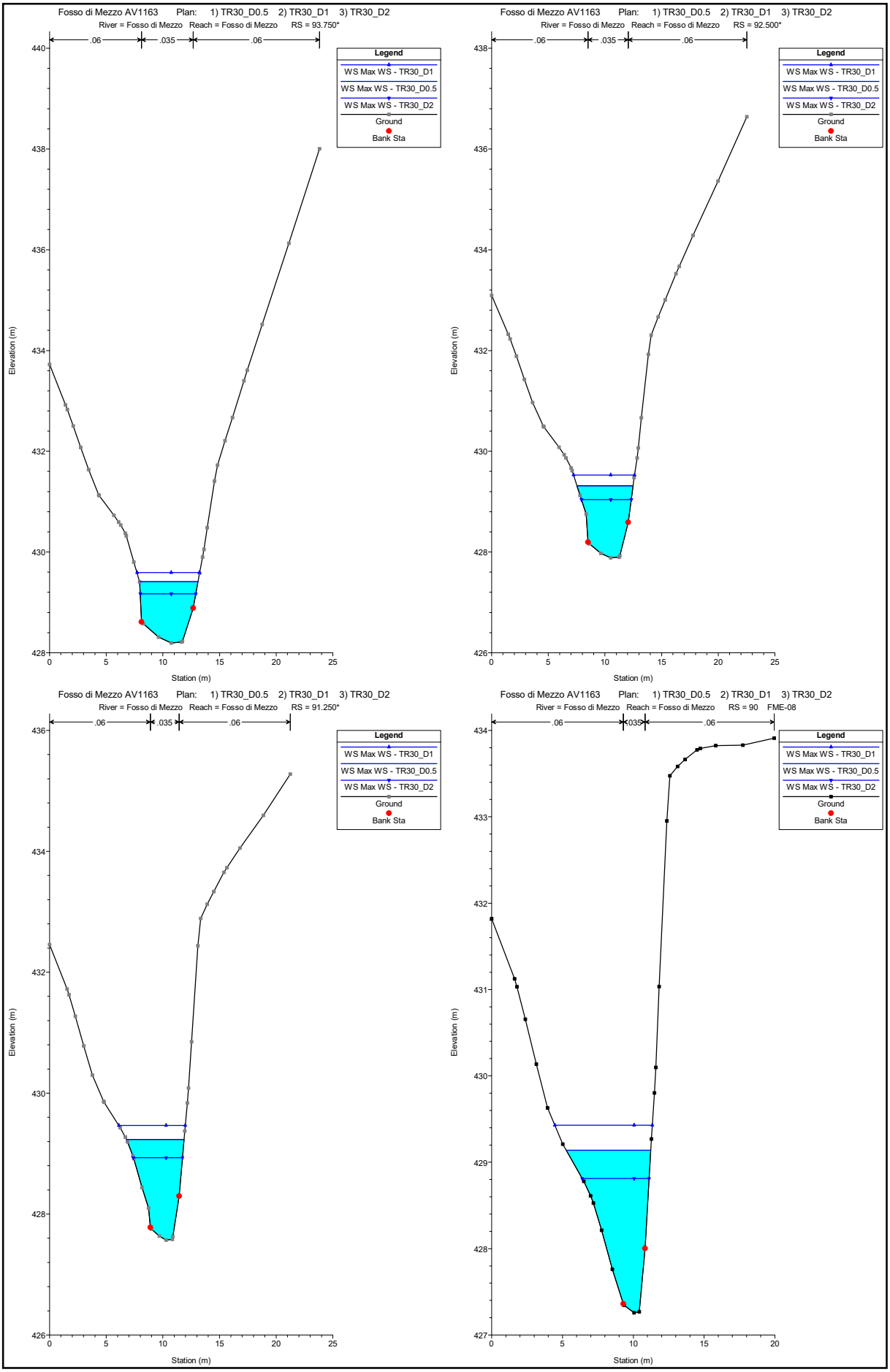

Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 118.75*
.06 .035 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 118.13*
.06 .035 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 117.50*
.06 .035 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 116.88*
.06 .035 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

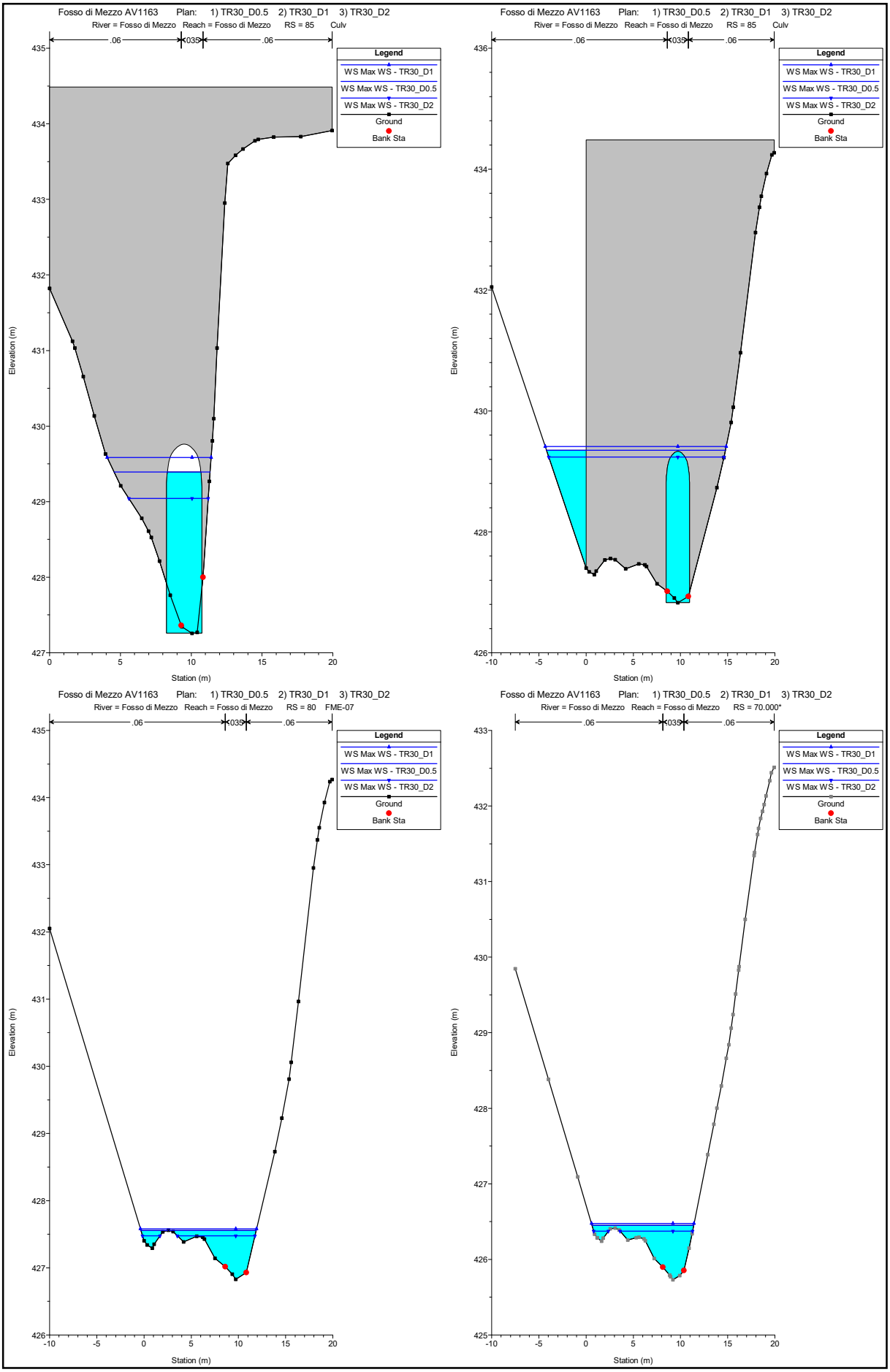

Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 116.25*
.06 .035 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 115.63*
.06 .035 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 115.00*
.06 .035 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 114.38*
.06 .035 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

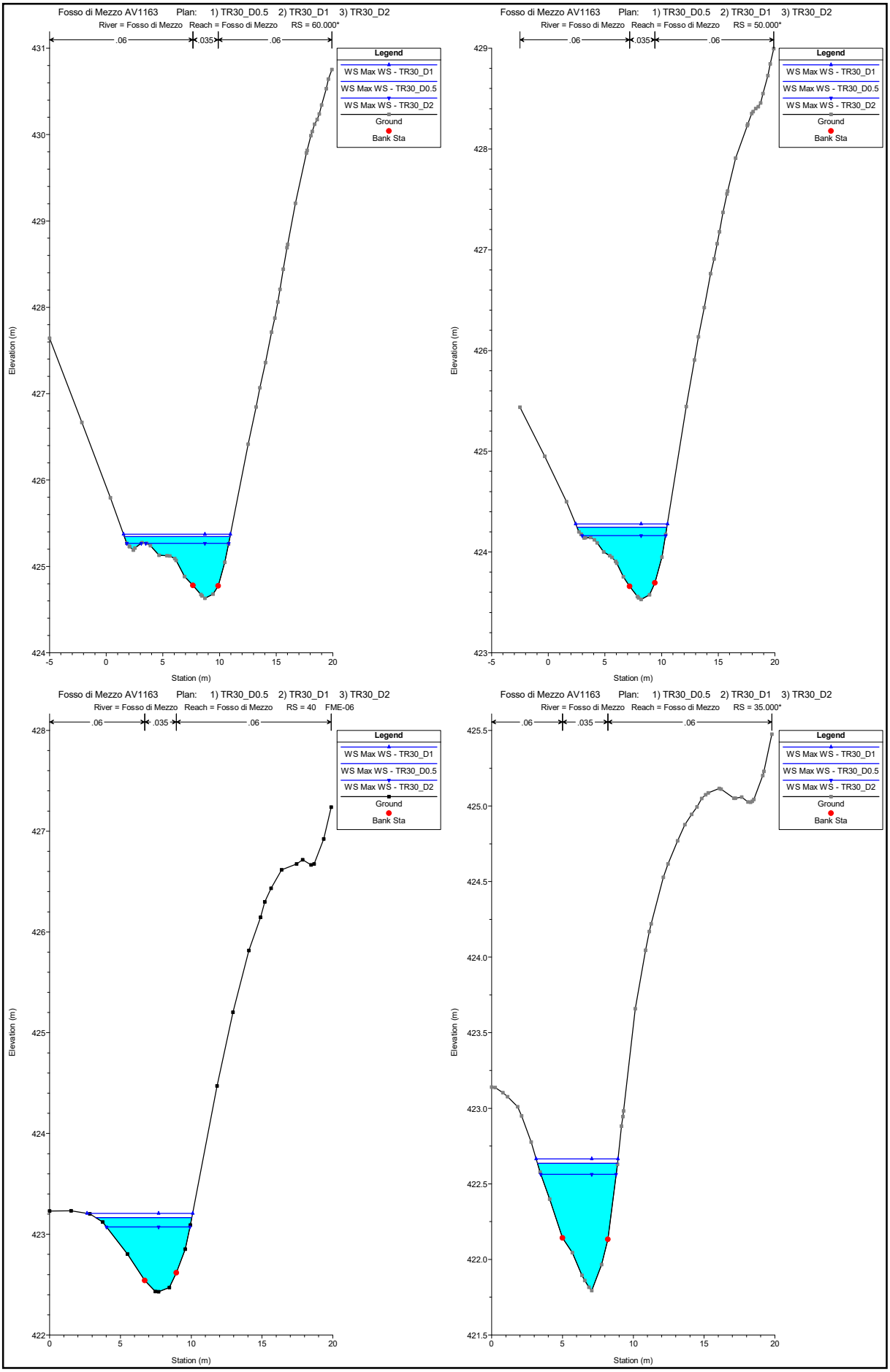

Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 113.75*
.06 .035 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 113.13*
.06 .035 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 112.50*
.06 .035 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 111.88*
.06 .035 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

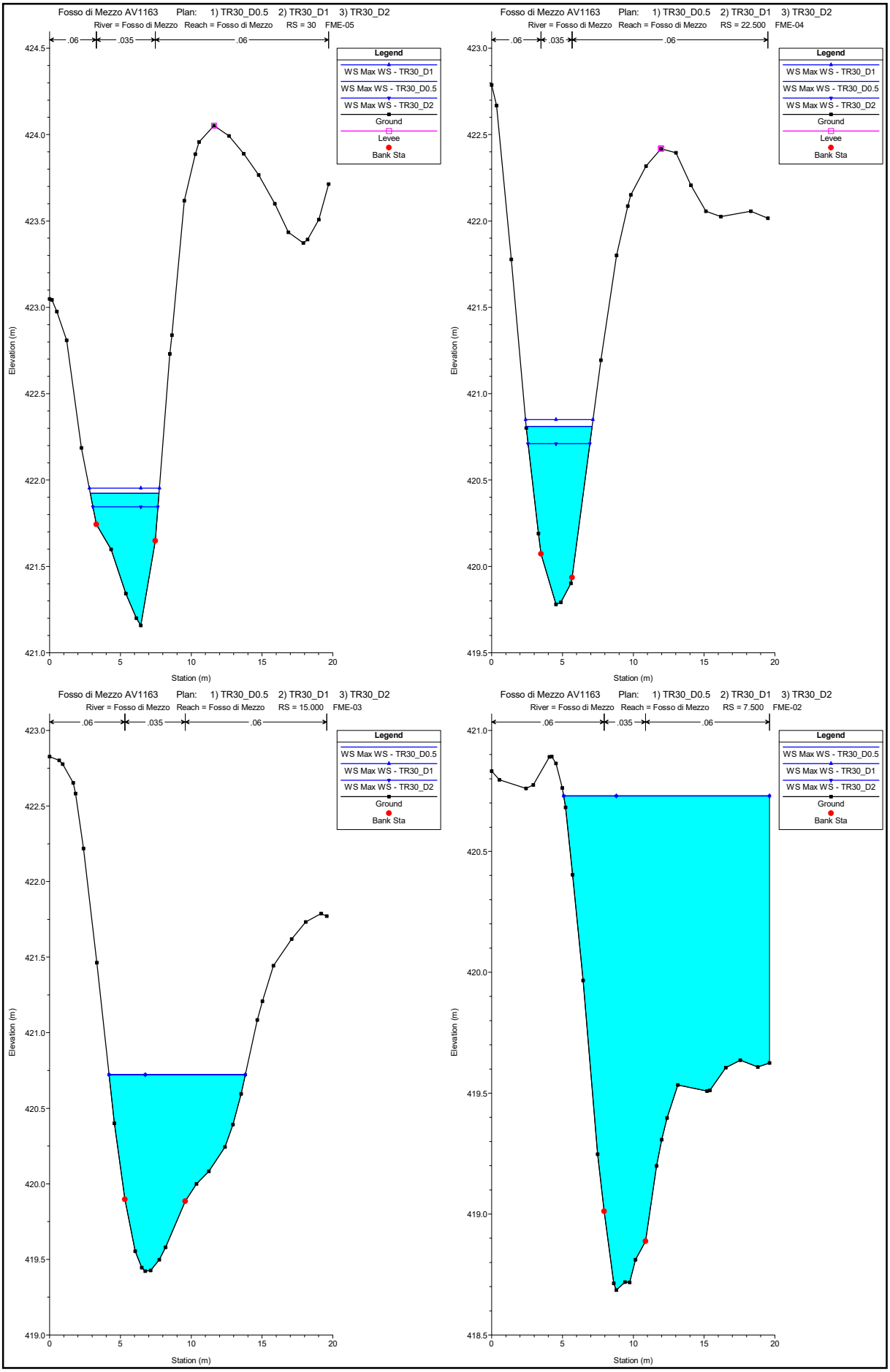

Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 111.25*
.06 .035 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 110.63*
.06 .035 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 110 FME-11
.06 .035 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 105 Culv
.06 .035 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

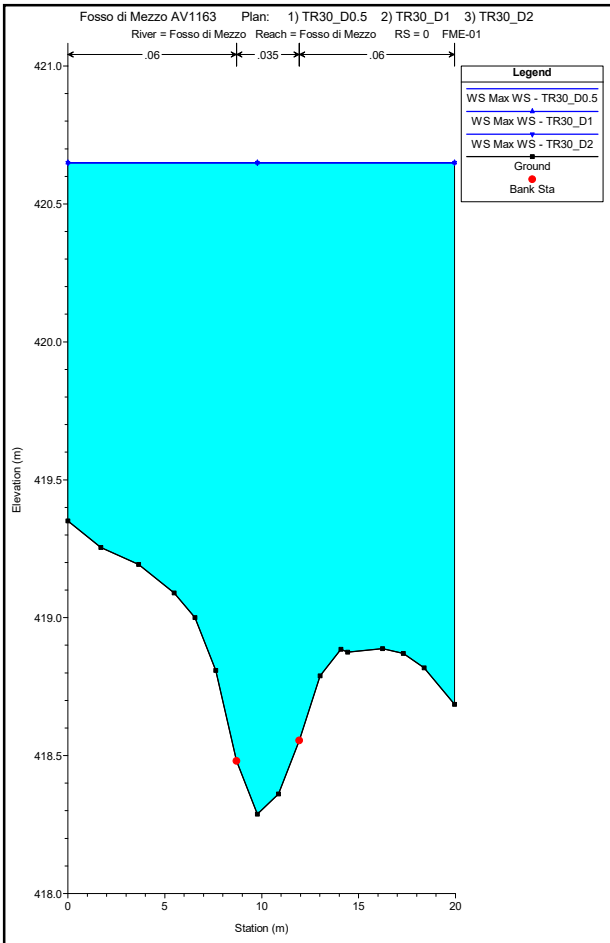

Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 105 Culv
.06
.035
.06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 100 FME-10
Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 97.500*
Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 95 FME-09


Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 93.750*
.06 .035 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 92.500*
.06 .035 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 91.250*
.06 .035 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 90 FME-08
.06 .035 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 85 Culv
.06
.035
.06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 85 Culv
.06
.035
.06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 80 FME-07
.06
.035
.06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 70.000*
.06
.035
.06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 60.000*
.06 .035 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 50.000*
.06 .035 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 40 FME-06
.06 .035 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 35.000*
.06 .035 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 30 FME-05
.06 .035 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 22.500 FME-04
.06 .035 .06
Legend
WS Max WS - TR30_D1
WS Max WS - TR30_D0.5
WS Max WS - TR30_D2
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 15.000 FME-03
.06 .035 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 7.500 FME-02
.06 .035 .06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Fosso di Mezzo AV1163 Plan: 1) TR30_D0.5 2) TR30_D1 3) TR30_D2
River = Fosso di Mezzo Reach = Fosso di Mezzo RS = 0 FME-01
.06
.035
.06
Legend
WS Max WS - TR30_D0.5
WS Max WS - TR30_D1
WS Max WS - TR30_D2
Ground
Bank Sta
Elevation (m)
421.0
420.5
420.0
419.5
419.0
418.5
418.0
0
5
10
15
20
Station (m)

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "FOSSO DI MEZZO AV1163"

Fosso di Mezzo

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 0.5, 1 e 2 h

Dati idraulici

HEC-RAS River: Fosso di Mezzo Reach: Fosso di Mezzo Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Fosso di Mezzo	490	Max WS	TR30_D0.5	15.40	481.64	482.36	482.91	484.63	0.148810	6.67			2.31	4.58	3.00
Fosso di Mezzo	490	Max WS	TR30_D1	16.00	481.64	482.38	482.94	484.70	0.149137	6.75			2.37	4.63	3.01
Fosso di Mezzo	490	Max WS	TR30_D2	10.90	481.64	482.25	482.71	484.10	0.148016	6.01			1.81	4.22	2.93
Fosso di Mezzo	485.00*	Max WS	TR30_D0.5	15.39	480.15	480.89	481.44	483.16	0.146964	6.66			2.31	4.54	2.98
Fosso di Mezzo	485.00*	Max WS	TR30_D1	16.00	480.15	480.91	481.47	483.22	0.146676	6.73			2.38	4.59	2.99
Fosso di Mezzo	485.00*	Max WS	TR30_D2	10.90	480.15	480.78	481.24	482.65	0.148703	6.06			1.80	4.14	2.94
Fosso di Mezzo	480.00*	Max WS	TR30_D0.5	15.38	478.65	479.42	479.96	481.74	0.151129	6.74			2.28	4.49	3.02
Fosso di Mezzo	480.00*	Max WS	TR30_D1	15.99	478.65	479.43	479.99	481.80	0.151044	6.82			2.35	4.54	3.03
Fosso di Mezzo	480.00*	Max WS	TR30_D2	10.90	478.65	479.30	479.76	481.19	0.149243	6.09			1.79	4.10	2.94
Fosso di Mezzo	475.00*	Max WS	TR30_D0.5	15.38	477.16	477.96	478.50	480.19	0.143498	6.62			2.32	4.51	2.95
Fosso di Mezzo	475.00*	Max WS	TR30_D1	15.99	477.16	477.97	478.52	480.24	0.142408	6.68			2.39	4.56	2.94
Fosso di Mezzo	475.00*	Max WS	TR30_D2	10.90	477.16	477.83	478.29	479.72	0.149195	6.09			1.79	4.08	2.94
Fosso di Mezzo	470.00*	Max WS	TR30_D0.5	15.38	475.67	476.46	477.04	478.90	0.159096	6.92	0.40		2.22	4.44	3.10
Fosso di Mezzo	470.00*	Max WS	TR30_D1	15.99	475.67	476.47	477.06	478.98	0.159375	7.02	0.50		2.28	4.48	3.11
Fosso di Mezzo	470.00*	Max WS	TR30_D2	10.90	475.67	476.36	476.81	478.25	0.149615	6.09			1.79	4.10	2.94
Fosso di Mezzo	465.00*	Max WS	TR30_D0.5	15.37	474.18	474.98	475.58	477.43	0.138711	6.94	1.30	0.65	2.26	4.48	2.96
Fosso di Mezzo	465.00*	Max WS	TR30_D1	15.99	474.18	475.00	475.61	477.49	0.136505	7.01	1.35	0.72	2.33	4.53	2.95
Fosso di Mezzo	465.00*	Max WS	TR30_D2	10.90	474.18	474.86	475.35	476.86	0.152405	6.26	0.79		1.75	4.09	2.99
Fosso di Mezzo	460.00*	Max WS	TR30_D0.5	15.37	472.69	473.45	474.11	476.53	0.170374	7.85	1.96	1.37	2.08	4.43	3.32
Fosso di Mezzo	460.00*	Max WS	TR30_D1	15.98	472.69	473.46	474.14	476.66	0.172975	8.00	2.01	1.42	2.13	4.46	3.36
Fosso di Mezzo	460.00*	Max WS	TR30_D2	10.90	472.69	473.36	473.88	475.58	0.151974	6.63	1.51	0.93	1.71	4.11	3.05
Fosso di Mezzo	455.00*	Max WS	TR30_D0.5	15.34	471.19	472.01	472.63	474.61	0.118015	7.40	2.30	2.04	2.45	4.87	2.88
Fosso di Mezzo	455.00*	Max WS	TR30_D1	15.98	471.19	472.03	472.66	474.64	0.114133	7.44	2.32	2.07	2.56	4.94	2.85
Fosso di Mezzo	455.00*	Max WS	TR30_D2	10.90	471.19	471.86	472.40	474.29	0.152616	7.07	2.09	1.67	1.74	4.34	3.13
Fosso di Mezzo	450	Max WS	TR30_D0.5	15.25	469.70	471.40		471.74	0.006064	3.01	0.79	0.94	8.68	11.10	0.76
Fosso di Mezzo	450	Max WS	TR30_D1	15.93	469.70	471.44		471.78	0.005858	3.01	0.80	0.94	9.16	11.34	0.75
Fosso di Mezzo	450	Max WS	TR30_D2	10.90	469.70	471.07		471.38	0.007075	2.79	1.04	0.84	5.83	6.86	0.79
Fosso di Mezzo	425.00*	Max WS	TR30_D0.5	15.25	469.43	471.40		471.68	0.003580	2.65	0.62	0.71	9.79	11.20	0.61
Fosso di Mezzo	425.00*	Max WS	TR30_D1	15.94	469.43	471.44		471.72	0.003550	2.67	0.64	0.72	10.25	11.46	0.61
Fosso di Mezzo	425.00*	Max WS	TR30_D2	10.90	469.43	471.08		471.30	0.003525	2.33	0.77	0.60	6.97	6.90	0.58
Fosso di Mezzo	400	Max WS	TR30_D0.5	15.26	469.16	471.41	470.70	471.64	0.002358	2.38	0.52	0.56	10.88	11.39	0.51
Fosso di Mezzo	400	Max WS	TR30_D1	15.94	469.16	471.45	470.74	471.68	0.002367	2.41	0.54	0.57	11.35	11.68	0.51
Fosso di Mezzo	400	Max WS	TR30_D2	10.90	469.16	471.09	470.40	471.26	0.002078	2.02	0.61	0.45	8.06	6.97	0.46
Fosso di Mezzo	390			Inl Struct											
Fosso di Mezzo	380	Max WS	TR30_D0.5	15.27	467.51	468.93	469.12	469.94	0.015727	4.53	0.95	0.56	3.92	3.24	1.21
Fosso di Mezzo	380	Max WS	TR30_D1	15.95	467.51	468.96	469.18	470.01	0.015906	4.63	0.97	0.57	4.03	3.26	1.22
Fosso di Mezzo	380	Max WS	TR30_D2	10.90	467.51	468.68	468.81	469.45	0.015232	3.93	0.82	0.48	3.15	3.07	1.16
Fosso di Mezzo	370.00*	Max WS	TR30_D0.5	15.26	467.38	468.87	468.81	469.47	0.009491	3.51	0.76	0.52	4.94	4.07	0.93
Fosso di Mezzo	370.00*	Max WS	TR30_D1	15.94	467.38	468.90	468.85	469.53	0.009621	3.58	0.78	0.53	5.07	4.09	0.94
Fosso di Mezzo	370.00*	Max WS	TR30_D2	10.90	467.38	468.62	468.54	469.08	0.009105	3.04	0.64	0.45	3.98	3.85	0.89
Fosso di Mezzo	360.00*	Max WS	TR30_D0.5	15.25	467.26	468.83		469.24	0.006798	2.91	0.69	0.54	5.97	5.39	0.78
Fosso di Mezzo	360.00*	Max WS	TR30_D1	15.94	467.26	468.86		469.29	0.006890	2.97	0.71	0.54	6.14	5.50	0.79
Fosso di Mezzo	360.00*	Max WS	TR30_D2	10.90	467.26	468.59		468.90	0.006635	2.53	0.58	0.49	4.75	4.82	0.75
Fosso di Mezzo	350	Max WS	TR30_D0.5	15.26	467.13	468.81	468.53	469.07	0.004730	2.36	0.64	0.74	8.06	8.24	0.65
Fosso di Mezzo	350	Max WS	TR30_D1	15.93	467.13	468.84	468.56	469.11	0.004752	2.41	0.65	0.75	8.32	8.39	0.65
Fosso di Mezzo	350	Max WS	TR30_D2	10.90	467.13	468.58	468.33	468.79	0.004667	2.08	0.52	0.63	6.28	7.55	0.62
Fosso di Mezzo	347			Inl Struct											
Fosso di Mezzo	345	Max WS	TR30_D0.5	15.29	465.95	467.00	467.37	468.26	0.049730	4.99	0.74	0.81	3.16	4.73	1.88
Fosso di Mezzo	345	Max WS	TR30_D1	15.94	465.95	467.01	467.40	468.32	0.049710	5.07	0.78	0.82	3.24	4.75	1.89
Fosso di Mezzo	345	Max WS	TR30_D2	10.90	465.95	466.87	467.16	467.83	0.049511	4.36	0.45	0.71	2.55	4.55	1.82
Fosso di Mezzo	342.19*	Max WS	TR30_D0.5	15.28	465.48	466.51	466.89	467.78	0.049538	5.00	0.80	0.82	3.16	4.74	1.88
Fosso di Mezzo	342.19*	Max WS	TR30_D1	15.94	465.48	466.53	466.92	467.84	0.049622	5.09	0.83	0.83	3.24	4.77	1.89
Fosso di Mezzo	342.19*	Max WS	TR30_D2	10.90	465.48	466.38	466.67	467.35	0.049615	4.37	0.51	0.72	2.55	4.55	1.82
Fosso di Mezzo	339.38*	Max WS	TR30_D0.5	15.27	465.02	466.03	466.41	467.30	0.049513	5.01	0.85	0.83	3.15	4.76	1.89
Fosso di Mezzo	339.38*	Max WS	TR30_D1	15.94	465.02	466.05	466.44	467.36	0.049496	5.10	0.88	0.84	3.24	4.78	1.89
Fosso di Mezzo	339.38*	Max WS	TR30_D2	10.90	465.02	465.89	466.19	466.87	0.049763	4.39	0.56	0.73	2.54	4.56	1.83
Fosso di Mezzo	336.56*	Max WS	TR30_D0.5	15.27	464.55	465.54	465.92	466.82	0.049589	5.03	0.90	0.85	3.15	4.78	1.89
Fosso di Mezzo	336.56*	Max WS	TR30_D1	15.94	464.55	465.56	465.95	466.88	0.049455	5.11	0.94	0.86	3.24	4.81	1.90
Fosso di Mezzo	336.56*	Max WS	TR30_D2	10.90	464.55	465.41	465.70	466.39	0.049769	4.41	0.62	0.74	2.54	4.58	1.83
Fosso di Mezzo	333.75*	Max WS	TR30_D0.5	15.26	464.08	465.06	465.45	466.34	0.049627	5.05	0.96	0.87	3.15	4.81	1.90
Fosso di Mezzo	333.75*	Max WS	TR30_D1	15.94	464.08	465.08	465.47	466.40	0.049502	5.13	0.99	0.88	3.25	4.84	1.90
Fosso di Mezzo	333.75*	Max WS	TR30_D2	10.90	464.08	464.92	465.22	465.91	0.049730	4.42	0.68	0.76	2.54	4.60	1.83
Fosso di Mezzo	330.94*	Max WS	TR30_D0.5	15.26	463.61	464.57	464.96	465.86	0.049575	5.06	1.01	0.89	3.16	4.85	1.90
Fosso di Mezzo	330.94*	Max WS	TR30_D1	15.94	463.61	464.59	464.99	465.92	0.049518	5.14	1.05	0.90	3.25	4.88	1.90
Fosso di Mezzo	330.94*	Max WS	TR30_D2	10.90	463.61	464.44	464.74	465.43	0.049491	4.42	0.74	0.77	2.54	4.63	1.83
Fosso di Mezzo	328.13*	Max WS	TR30_D0.5	15.26	463.14	464.09	464.48	465.38	0.049550	5.07	1.07	0.91	3.17	4.89	1.90
Fosso di Mezzo	328.13*	Max WS	TR30_D1	15.93	463.14	464.11	464.51	465.45	0.049633	5.16	1.10	0.93	3.26	4.93	1.91
Fosso di Mezzo	328.13*	Max WS	TR30_D2	10.90	463.14	463.96	464.26	464.95	0.049366	4.43	0.80	0.79	2.54	4.66	1.84
Fosso di Mezzo	325.31*	Max WS	TR30_D0.5	15.26	462.68	463.60	463.99	464.90	0.049471	5.08	1.12	0.94	3.18	4.95	1.90
Fosso di Mezzo	325.31*	Max WS	TR30_D1	15.93	462.68	463.62	464.03	464.96	0.049471	5.16	1.16	0.96	3.27	4.99	1.91
Fosso di Mezzo	325.31*	Max WS	TR30_D2	10.90	462.68	463.47	463.77	464.47	0.049479	4.45	0.86	0.82	2.55	4.70	1.84
Fosso di Mezzo	322.50*	Max WS	TR30_D0.5	15.26	462.21	463.12	463.53	464.42	0.049385	5.09	1.18	0.98	3.19	5.02	1.90
Fosso di Mezzo	322.50*	Max WS	TR30_D1	15.93	462.21	463.14	463.56	464.48	0.049380	5.17	1.21	0.99	3.29	5.06	1.91
Fosso di Mezzo	322.50*	Max WS	TR30_D2	10.90	462.21	462.99	463.29	463.99	0.049680	4.46	0.92	0.85	2.55	4.75	1.85
Fosso di Mezzo	319.69*	Max WS	TR30_D0.5	15.26	461.74	462.64	463.04	463.93	0.049540	5.10	1.24	1.02	3.21	5.12	1.91
Fosso di Mezzo	319.69*	Max WS	TR30_D1	15.93	461.74	462.65	463.07	463.99	0.049371	5.18	1.27	1.04	3.31	5.16	1.91
Fosso di Mezzo	319.69*	Max WS	TR30_D2	10.89	461.74	462.50	462.80	463.51	0.049693	4.47	0.98	0.89	2.56	4.83	1.85
Fosso di Mezzo	316.88*	Max WS	TR30_D0.5	15.26	461.27	462.15	462.56	463.45	0.049587	5.11	1.30	1.07	3.24	5.24	1.91
Fosso di Mezzo	316.88*	Max WS	TR30_D1	15.93	461.27	462.17	462.58	463.51	0.049469	5.19	1.33	1.09	3.34	5.28	1.92
Fosso di Mezzo	316.88*	Max WS	TR30_D2	10.90	461.27	462.02	462.34	463.03	0.049633	4.48	1.04	0.93	2.58	4.92	1.85
Fosso di Mezzo	314.06*	Max WS	TR30_D0.5	15.26	460.80	461.67	462.05	462.96	0.049797	5.12	1.36	1.01	3.28	5.59	1.92

HEC-RAS River: Fosso di Mezzo Reach: Fosso di Mezzo Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Fosso di Mezzo	314.06*	Max WS	TR30_D1	15.93	460.80	461.68	462.09	463.02	0.049849	5.20	1.39	1.01	3.38	5.71	1.93
Fosso di Mezzo	314.06*	Max WS	TR30_D2	10.90	460.80	461.54	461.85	462.54	0.049475	4.48	1.11	0.98	2.60	5.05	1.85
Fosso di Mezzo	311.25*	Max WS	TR30_D0.5	15.26	460.34	461.18	461.58	462.46	0.049849	5.11	1.42	1.05	3.36	6.13	1.92
Fosso di Mezzo	311.25*	Max WS	TR30_D1	15.93	460.34	461.20	461.62	462.52	0.049989	5.20	1.45	1.10	3.46	6.20	1.93
Fosso di Mezzo	311.25*	Max WS	TR30_D2	10.89	460.34	461.05	461.36	462.05	0.049404	4.48	1.17	0.98	2.64	5.30	1.85
Fosso di Mezzo	308.44*	Max WS	TR30_D0.5	15.26	459.87	460.69	461.09	461.95	0.050514	5.11	1.46	1.27	3.45	6.45	1.93
Fosso di Mezzo	308.44*	Max WS	TR30_D1	15.93	459.87	460.71	461.12	462.01	0.050638	5.20	1.50	1.31	3.56	6.53	1.94
Fosso di Mezzo	308.44*	Max WS	TR30_D2	10.90	459.87	460.56	460.88	461.57	0.051018	4.52	1.24	0.98	2.68	5.84	1.88
Fosso di Mezzo	305.63*	Max WS	TR30_D0.5	15.24	459.40	460.24	460.58	461.31	0.041598	4.78	1.37	1.32	3.88	7.51	1.76
Fosso di Mezzo	305.63*	Max WS	TR30_D1	15.92	459.40	460.26	460.61	461.35	0.041238	4.84	1.39	1.34	4.03	7.68	1.76
Fosso di Mezzo	305.63*	Max WS	TR30_D2	10.89	459.40	460.10	460.39	460.98	0.043231	4.27	1.23	1.14	2.95	6.45	1.74
Fosso di Mezzo	302.81*	Max WS	TR30_D0.5	15.19	458.93	459.96	460.06	460.45	0.014913	3.37	1.10	1.04	6.23	10.26	1.10
Fosso di Mezzo	302.81*	Max WS	TR30_D1	15.89	458.93	459.98	460.09	460.48	0.015008	3.43	1.12	1.06	6.45	10.41	1.11
Fosso di Mezzo	302.81*	Max WS	TR30_D2	10.89	458.93	459.82	459.88	460.21	0.014143	2.96	0.93	0.88	4.87	9.18	1.04
Fosso di Mezzo	300	Max WS	TR30_D0.5	15.17	458.47	459.87		460.02	0.003291	1.99	0.75	0.59	12.31	15.82	0.55
Fosso di Mezzo	300	Max WS	TR30_D1	15.86	458.47	459.89		460.04	0.003383	2.04	0.77	0.61	12.62	15.95	0.56
Fosso di Mezzo	300	Max WS	TR30_D2	10.89	458.47	459.74		459.84	0.002595	1.65	0.61	0.50	10.31	14.28	0.48
Fosso di Mezzo	290.00*	Max WS	TR30_D0.5	15.17	458.05	459.91		459.98	0.001175	1.39	0.49	0.45	17.49	17.38	0.34
Fosso di Mezzo	290.00*	Max WS	TR30_D1	15.87	458.05	459.93		460.01	0.001222	1.43	0.50	0.47	17.84	17.50	0.35
Fosso di Mezzo	290.00*	Max WS	TR30_D2	10.89	458.05	459.77		459.82	0.000875	1.13	0.39	0.36	15.09	16.52	0.29
Fosso di Mezzo	280.00*	Max WS	TR30_D0.5	15.17	457.62	459.93		459.97	0.000522	1.04	0.35	0.36	22.96	18.66	0.23
Fosso di Mezzo	280.00*	Max WS	TR30_D1	15.88	457.62	459.95		459.99	0.000548	1.07	0.36	0.37	23.36	18.77	0.24
Fosso di Mezzo	280.00*	Max WS	TR30_D2	10.89	457.62	459.78		459.81	0.000367	0.83	0.27	0.28	20.30	17.89	0.19
Fosso di Mezzo	270.00*	Max WS	TR30_D0.5	15.17	457.20	459.94		459.96	0.000264	0.81	0.26	0.29	28.84	19.80	0.17
Fosso di Mezzo	270.00*	Max WS	TR30_D1	15.88	457.20	459.96		459.99	0.000279	0.84	0.27	0.30	29.27	19.89	0.17
Fosso di Mezzo	270.00*	Max WS	TR30_D2	10.89	457.20	459.79		459.80	0.000178	0.64	0.20	0.23	25.95	19.09	0.14
Fosso di Mezzo	260.00*	Max WS	TR30_D0.5	15.18	456.78	459.94		459.96	0.000146	0.65	0.20	0.24	35.18	20.88	0.13
Fosso di Mezzo	260.00*	Max WS	TR30_D1	15.88	456.78	459.97		459.98	0.000155	0.67	0.21	0.25	35.64	20.98	0.13
Fosso di Mezzo	260.00*	Max WS	TR30_D2	10.89	456.78	459.79		459.80	0.000095	0.51	0.15	0.18	32.09	20.21	0.10
Fosso di Mezzo	250	Max WS	TR30_D0.5	15.18	456.36	459.95	457.68	459.96	0.000086	0.54	0.16	0.20	42.02	21.98	0.10
Fosso di Mezzo	250	Max WS	TR30_D1	15.88	456.36	459.97	457.71	459.98	0.000092	0.56	0.17	0.21	42.50	22.08	0.10
Fosso di Mezzo	250	Max WS	TR30_D2	10.89	456.36	459.79	457.50	459.80	0.000055	0.41	0.12	0.15	38.74	21.30	0.08
Fosso di Mezzo	247			Inl Struct											
Fosso di Mezzo	245	Max WS	TR30_D0.5	15.18	454.60	459.89		459.90	0.000023	0.41	0.11	0.13	63.70	22.37	0.06
Fosso di Mezzo	245	Max WS	TR30_D1	15.87	454.60	459.91		459.92	0.000025	0.43	0.12	0.13	64.15	22.45	0.06
Fosso di Mezzo	245	Max WS	TR30_D2	10.89	454.60	459.75		459.76	0.000014	0.31	0.08	0.09	60.57	21.87	0.04
Fosso di Mezzo	244.99			Lat Struct											
Fosso di Mezzo	244.98			Lat Struct											
Fosso di Mezzo	243.75*	Max WS	TR30_D0.5	15.17	454.38	459.89		459.90	0.000024	0.42	0.12	0.12	62.19	21.81	0.06
Fosso di Mezzo	243.75*	Max WS	TR30_D1	15.87	454.38	459.91		459.92	0.000026	0.44	0.12	0.13	62.64	21.89	0.06
Fosso di Mezzo	243.75*	Max WS	TR30_D2	10.89	454.38	459.75		459.76	0.000014	0.32	0.09	0.09	59.16	21.25	0.04
Fosso di Mezzo	242.50*	Max WS	TR30_D0.5	15.17	454.16	459.89		459.90	0.000026	0.43	0.13	0.12	60.76	21.56	0.06
Fosso di Mezzo	242.50*	Max WS	TR30_D1	15.87	454.16	459.91		459.92	0.000028	0.45	0.13	0.13	61.20	21.68	0.06
Fosso di Mezzo	242.50*	Max WS	TR30_D2	10.89	454.16	459.75		459.76	0.000015	0.32	0.10	0.09	57.78	20.86	0.04
Fosso di Mezzo	241.25*	Max WS	TR30_D0.5	15.17	453.94	459.89		459.90	0.000027	0.45	0.13	0.12	59.81	22.25	0.06
Fosso di Mezzo	241.25*	Max WS	TR30_D1	15.87	453.94	459.91		459.92	0.000030	0.47	0.14	0.12	60.26	22.29	0.06
Fosso di Mezzo	241.25*	Max WS	TR30_D2	10.89	453.94	459.75		459.76	0.000016	0.34	0.10	0.09	56.70	21.68	0.05
Fosso di Mezzo	240	Max WS	TR30_D0.5	13.59	453.72	459.89		459.90	0.000023	0.41	0.13	0.11	58.71	20.05	0.05
Fosso di Mezzo	240	Max WS	TR30_D1	14.15	453.72	459.91		459.92	0.000025	0.42	0.14	0.11	59.12	20.05	0.06
Fosso di Mezzo	240	Max WS	TR30_D2	10.11	453.72	459.75		459.76	0.000014	0.32	0.10	0.08	55.86	20.05	0.04
Fosso di Mezzo	230			Culvert											
Fosso di Mezzo	220	Max WS	TR30_D0.5	13.59	445.22	446.44	446.49	446.98	0.013778	3.69	1.36	1.31	5.31	6.21	1.09
Fosso di Mezzo	220	Max WS	TR30_D1	14.14	445.22	446.47	446.52	447.02	0.013449	3.72	1.37	1.32	5.52	6.28	1.08
Fosso di Mezzo	220	Max WS	TR30_D2	10.11	445.22	446.28	446.30	446.72	0.013042	3.27	1.19	1.17	4.37	5.90	1.04
Fosso di Mezzo	219.99			Lat Struct											
Fosso di Mezzo	219.98			Lat Struct											
Fosso di Mezzo	210.00*	Max WS	TR30_D0.5	13.59	445.12	446.41	446.37	446.81	0.009856	3.11	1.07	1.13	6.09	7.34	0.92
Fosso di Mezzo	210.00*	Max WS	TR30_D1	14.15	445.12	446.45	446.39	446.85	0.009618	3.13	1.08	1.13	6.33	7.44	0.91
Fosso di Mezzo	210.00*	Max WS	TR30_D2	10.18	445.12	446.26	446.20	446.58	0.009437	2.76	0.93	1.01	4.99	6.85	0.88
Fosso di Mezzo	200	Max WS	TR30_D0.5	13.59	445.02	446.41	446.27	446.65	0.006097	2.47	0.79	0.82	8.11	11.03	0.72
Fosso di Mezzo	200	Max WS	TR30_D1	14.36	445.02	446.44	446.30	446.69	0.006095	2.51	0.81	0.85	8.46	11.05	0.73
Fosso di Mezzo	200	Max WS	TR30_D2	10.19	445.02	446.25	446.10	446.46	0.005979	2.23	0.64	0.74	6.48	10.23	0.70
Fosso di Mezzo	190			Inl Struct											
Fosso di Mezzo	180	Max WS	TR30_D0.5	13.52	443.72	444.71	445.03	445.74	0.035898	4.58	1.01	1.33	3.27	4.89	1.64
Fosso di Mezzo	180	Max WS	TR30_D1	14.35	443.72	444.75	445.07	445.80	0.034262	4.62	1.04	1.34	3.46	4.97	1.62
Fosso di Mezzo	180	Max WS	TR30_D2	10.19	443.72	444.58	444.84	445.44	0.037474	4.16	0.82	1.22	2.66	4.60	1.63
Fosso di Mezzo	172.00*	Max WS	TR30_D0.5	14.00	443.31	444.39	444.74	445.50	0.033271	4.81	1.16	1.39	3.39	4.85	1.61
Fosso di Mezzo	172.00*	Max WS	TR30_D1	15.18	443.31	444.44	444.80	445.60	0.032288	4.91	1.20	1.43	3.64	4.98	1.60
Fosso di Mezzo	172.00*	Max WS	TR30_D2	10.58	443.31	444.25	444.53	445.19	0.034847	4.39	0.99	1.25	2.73	4.45	1.60
Fosso di Mezzo	164.00*	Max WS	TR30_D0.5	14.32	442.90	444.09	444.47	445.28	0.030826	5.06	1.30	1.43	3.56	4.96	1.58
Fosso di Mezzo	164.00*	Max WS	TR30_D1	15.69	442.90	444.15	444.54	445.40	0.030316	5.21	1.35	1.49	3.85	5.13	1.58
Fosso di Mezzo	164.00*	Max WS	TR30_D2	10.82	442.90	443.94	444.26	444.95	0.031520	4.60	1.13	1.25	2.83	4.46	1.56
Fosso di Mezzo	156.00*	Max WS	TR30_D0.5	14.32	442.49	443.82	444.21	445.05	0.028533	5.32	1.43	1.49	3.80	5.27	1.55
Fosso di Mezzo	156.00*	Max WS	TR30_D1	15.79	442.49	443.88	444.31	445.18	0.028609	5.50	1.50	1.57	4.12	5.47	1.57
Fosso di Mezzo	156.00*	Max WS	TR30_D2	10.88	442.49	443.66	444.00	444.72	0.028382	4.84	1.26	1.26	3.02	4.74	1.51
Fosso di Mezzo	148.00*	Max WS	TR30_D0.5	14.31	442.08	443.55	443.96	444.86	0.029490	5.81	1.64	1.63	4.09	5.82	1.59
Fosso di Mezzo	148.00*	Max WS	TR30_D1	15.77	442.08	443.60	444.03	444.98	0.029804	6.01	1.71	1.72	4.44	6.05	1.61
Fosso di Mezzo	148.00*	Max WS	TR30_D2	10.88	442.08	443.40	443.76	444.53	0.028303	5.27	1.45	1.38	3.27	5.23	1.53

HEC-RAS River: Fosso di Mezzo Reach: Fosso di Mezzo Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Fosso di Mezzo	140	Max WS	TR30_D0.5	14.30	441.67	443.20	443.66	444.76	0.044176	7.12	2.28	2.02	4.02	5.84	1.90
Fosso di Mezzo	140	Max WS	TR30_D1	15.76	441.67	443.26	443.73	444.86	0.044149	7.30	2.38	2.12	4.35	5.94	1.91
Fosso di Mezzo	140	Max WS	TR30_D2	10.88	441.67	443.05	443.48	444.55	0.045180	6.69	2.00	1.76	3.17	5.59	1.88
Fosso di Mezzo	136.67*	Max WS	TR30_D0.5	14.29	441.42	442.83	443.37	444.58	0.043110	6.78	2.06	1.79	3.58	5.44	1.90
Fosso di Mezzo	136.67*	Max WS	TR30_D1	15.76	441.42	442.88	443.46	444.71	0.043380	7.00	2.13	1.90	3.89	5.64	1.92
Fosso di Mezzo	136.67*	Max WS	TR30_D2	10.88	441.42	442.68	443.15	444.26	0.043225	6.26	1.87	1.48	2.80	4.90	1.86
Fosso di Mezzo	133.33*	Max WS	TR30_D0.5	14.29	441.17	442.47	442.98	444.10	0.040673	6.26	1.93	1.56	3.44	5.24	1.83
Fosso di Mezzo	133.33*	Max WS	TR30_D1	15.75	441.17	442.52	443.07	444.24	0.040921	6.47	2.01	1.67	3.73	5.42	1.85
Fosso di Mezzo	133.33*	Max WS	TR30_D2	10.88	441.17	442.32	442.77	443.73	0.040169	5.69	1.73	1.34	2.71	4.54	1.78
Fosso di Mezzo	130.00*	Max WS	TR30_D0.5	14.29	440.92	442.13	442.59	443.60	0.038664	5.79	1.82	1.42	3.40	5.14	1.77
Fosso di Mezzo	130.00*	Max WS	TR30_D1	15.75	440.92	442.18	442.68	443.75	0.039034	6.01	1.90	1.50	3.68	5.39	1.79
Fosso di Mezzo	130.00*	Max WS	TR30_D2	10.88	440.92	441.99	442.39	443.23	0.037840	5.23	1.62	1.24	2.73	4.48	1.71
Fosso di Mezzo	126.67*	Max WS	TR30_D0.5	14.29	440.67	441.80	442.22	443.13	0.037282	5.42	1.72	1.34	3.42	5.15	1.72
Fosso di Mezzo	126.67*	Max WS	TR30_D1	15.75	440.67	441.85	442.30	443.27	0.037627	5.63	1.80	1.41	3.69	5.37	1.74
Fosso di Mezzo	126.67*	Max WS	TR30_D2	10.88	440.67	441.67	442.03	442.77	0.036235	4.87	1.52	1.17	2.78	4.58	1.66
Fosso di Mezzo	123.33*	Max WS	TR30_D0.5	14.29	440.42	441.48	441.88	442.71	0.037369	5.16	1.65	1.29	3.43	5.25	1.70
Fosso di Mezzo	123.33*	Max WS	TR30_D1	15.75	440.42	441.53	441.93	442.85	0.037929	5.37	1.73	1.36	3.68	5.44	1.73
Fosso di Mezzo	123.33*	Max WS	TR30_D2	10.88	440.42	441.36	441.68	442.36	0.035696	4.60	1.44	1.12	2.83	4.79	1.63
Fosso di Mezzo	120	Max WS	TR30_D0.5	14.29	440.17	441.10	441.54	442.51	0.050824	5.43	1.70	1.34	3.09	5.20	1.94
Fosso di Mezzo	120	Max WS	TR30_D1	15.75	440.17	441.15	441.62	442.65	0.050834	5.63	1.78	1.41	3.33	5.36	1.96
Fosso di Mezzo	120	Max WS	TR30_D2	10.88	440.17	440.99	441.35	442.16	0.050880	4.91	1.48	1.12	2.52	4.81	1.89
Fosso di Mezzo	119.38*	Max WS	TR30_D0.5	14.28	439.66	440.60	441.04	442.02	0.050907	5.44	1.67	1.33	3.06	5.09	1.94
Fosso di Mezzo	119.38*	Max WS	TR30_D1	15.75	439.66	440.65	441.12	442.16	0.050705	5.64	1.75	1.41	3.30	5.25	1.95
Fosso di Mezzo	119.38*	Max WS	TR30_D2	10.88	439.66	440.49	440.85	441.67	0.051001	4.92	1.46	1.11	2.50	4.71	1.89
Fosso di Mezzo	118.75*	Max WS	TR30_D0.5	14.28	439.16	440.11	440.55	441.53	0.050962	5.45	1.64	1.32	3.03	5.00	1.94
Fosso di Mezzo	118.75*	Max WS	TR30_D1	15.75	439.16	440.15	440.62	441.67	0.050695	5.64	1.72	1.39	3.27	5.15	1.95
Fosso di Mezzo	118.75*	Max WS	TR30_D2	10.88	439.16	439.99	440.35	441.17	0.051040	4.92	1.43	1.10	2.48	4.63	1.89
Fosso di Mezzo	118.13*	Max WS	TR30_D0.5	14.28	438.65	439.61	440.05	441.04	0.050998	5.46	1.61	1.30	3.01	4.91	1.94
Fosso di Mezzo	118.13*	Max WS	TR30_D1	15.75	438.65	439.65	440.13	441.18	0.050715	5.65	1.69	1.38	3.24	5.06	1.95
Fosso di Mezzo	118.13*	Max WS	TR30_D2	10.88	438.65	439.49	439.86	440.68	0.051120	4.93	1.41	1.09	2.46	4.54	1.89
Fosso di Mezzo	117.50*	Max WS	TR30_D0.5	14.28	438.15	439.11	439.55	440.55	0.050957	5.46	1.58	1.29	2.99	4.83	1.94
Fosso di Mezzo	117.50*	Max WS	TR30_D1	15.75	438.15	439.15	439.63	440.69	0.050687	5.65	1.66	1.37	3.22	4.97	1.95
Fosso di Mezzo	117.50*	Max WS	TR30_D2	10.88	438.15	438.99	439.36	440.19	0.051140	4.93	1.38	1.08	2.45	4.47	1.89
Fosso di Mezzo	116.88*	Max WS	TR30_D0.5	14.28	437.64	438.61	439.06	440.06	0.050981	5.46	1.55	1.28	2.97	4.75	1.93
Fosso di Mezzo	116.88*	Max WS	TR30_D1	15.74	437.64	438.65	439.13	440.20	0.050756	5.66	1.63	1.36	3.19	4.89	1.95
Fosso di Mezzo	116.88*	Max WS	TR30_D2	10.88	437.64	438.49	438.86	439.69	0.051148	4.93	1.36	1.07	2.43	4.39	1.89
Fosso di Mezzo	116.25*	Max WS	TR30_D0.5	14.28	437.13	438.11	438.56	439.57	0.050949	5.46	1.52	1.27	2.95	4.68	1.93
Fosso di Mezzo	116.25*	Max WS	TR30_D1	15.74	437.13	438.15	438.63	439.71	0.050778	5.66	1.60	1.34	3.17	4.81	1.95
Fosso di Mezzo	116.25*	Max WS	TR30_D2	10.88	437.13	437.99	438.36	439.19	0.051097	4.93	1.33	1.06	2.42	4.32	1.88
Fosso di Mezzo	115.63*	Max WS	TR30_D0.5	14.28	436.63	437.61	438.06	439.07	0.050916	5.46	1.49	1.26	2.93	4.61	1.93
Fosso di Mezzo	115.63*	Max WS	TR30_D1	15.74	436.63	437.65	438.13	439.22	0.050876	5.67	1.57	1.33	3.15	4.74	1.95
Fosso di Mezzo	115.63*	Max WS	TR30_D2	10.88	436.63	437.49	437.86	438.69	0.051146	4.93	1.30	1.05	2.41	4.26	1.88
Fosso di Mezzo	115.00*	Max WS	TR30_D0.5	14.28	436.12	437.11	437.56	438.57	0.050928	5.46	1.47	1.24	2.92	4.54	1.93
Fosso di Mezzo	115.00*	Max WS	TR30_D1	15.74	436.12	437.16	437.64	438.73	0.050883	5.67	1.54	1.32	3.13	4.67	1.94
Fosso di Mezzo	115.00*	Max WS	TR30_D2	10.88	436.12	436.99	437.36	438.20	0.051099	4.93	1.28	1.04	2.40	4.20	1.88
Fosso di Mezzo	114.38*	Max WS	TR30_D0.5	14.28	435.62	436.61	437.06	438.08	0.050873	5.46	1.44	1.23	2.90	4.47	1.92
Fosso di Mezzo	114.38*	Max WS	TR30_D1	15.74	435.62	436.66	437.14	438.23	0.050874	5.67	1.51	1.31	3.12	4.60	1.94
Fosso di Mezzo	114.38*	Max WS	TR30_D2	10.88	435.62	436.49	436.86	437.70	0.051051	4.92	1.25	1.03	2.39	4.15	1.88
Fosso di Mezzo	113.75*	Max WS	TR30_D0.5	14.28	435.11	436.11	436.56	437.58	0.050870	5.46	1.41	1.22	2.89	4.41	1.92
Fosso di Mezzo	113.75*	Max WS	TR30_D1	15.74	435.11	436.16	436.64	437.74	0.050986	5.67	1.48	1.30	3.10	4.53	1.94
Fosso di Mezzo	113.75*	Max WS	TR30_D2	10.88	435.11	435.99	436.36	437.20	0.051159	4.93	1.22	1.02	2.38	4.10	1.88
Fosso di Mezzo	113.13*	Max WS	TR30_D0.5	14.28	434.61	435.61	436.06	437.08	0.050828	5.45	1.38	1.21	2.88	4.35	1.92
Fosso di Mezzo	113.13*	Max WS	TR30_D1	15.74	434.61	435.66	436.14	437.24	0.050867	5.66	1.46	1.28	3.08	4.47	1.93
Fosso di Mezzo	113.13*	Max WS	TR30_D2	10.88	434.61	435.49	435.86	436.70	0.050999	4.92	1.18	1.00	2.37	4.06	1.87
Fosso di Mezzo	112.50*	Max WS	TR30_D0.5	14.28	434.10	435.11	435.56	436.57	0.049777	5.42	1.35	1.19	2.89	4.30	1.90
Fosso di Mezzo	112.50*	Max WS	TR30_D1	15.74	434.10	435.17	435.64	436.70	0.048079	5.56	1.41	1.26	3.13	4.45	1.88
Fosso di Mezzo	112.50*	Max WS	TR30_D2	10.88	434.10	434.99	435.36	436.20	0.051306	4.92	1.16	1.00	2.36	4.01	1.87
Fosso di Mezzo	111.88*	Max WS	TR30_D0.5	14.27	433.60	434.69	435.06	435.90	0.037259	4.95	1.24	1.12	3.19	4.42	1.66
Fosso di Mezzo	111.88*	Max WS	TR30_D1	15.73	433.60	434.77	435.14	435.97	0.032711	4.93	1.26	1.15	3.59	4.64	1.58
Fosso di Mezzo	111.88*	Max WS	TR30_D2	10.88	433.60	434.50	434.86	435.65	0.047145	4.79	1.11	0.97	2.42	4.00	1.80
Fosso di Mezzo	111.25*	Max WS	TR30_D0.5	14.27	433.09	434.42	434.56	435.14	0.016561	3.85	1.00	0.93	4.27	4.92	1.15
Fosso di Mezzo	111.25*	Max WS	TR30_D1	15.73	433.09	434.54	434.64	435.23	0.013983	3.78	1.01	0.93	4.89	5.20	1.07
Fosso di Mezzo	111.25*	Max WS	TR30_D2	10.88	433.09	434.15	434.36	434.92	0.025034	3.94	0.96	0.87	3.01	4.28	1.35
Fosso di Mezzo	110.63*	Max WS	TR30_D0.5	14.27	432.59	434.31		434.67	0.005837	2.77	0.76	0.70	6.31	5.77	0.71
Fosso di Mezzo	110.63*	Max WS	TR30_D1	15.73	432.59	434.45		434.81	0.005177	2.77	0.77	0.70	7.14	6.16	0.68
Fosso di Mezzo	110.63*	Max WS	TR30_D2	10.88	432.59	433.99		434.36	0.007941	2.76	0.72	0.67	4.56	5.00	0.80
Fosso di Mezzo	110	Max WS	TR30_D0.5	14.27	432.08	434.33		434.51	0.002014	1.98	0.56	0.52	9.57	7.08	0.44
Fosso di Mezzo	110	Max WS	TR30_D1	15.72	432.08	434.49		434.67	0.001849	1.99	0.56	0.53	10.75	7.61	0.43
Fosso di Mezzo	110	Max WS	TR30_D2	10.88	432.08	433.94		434.11	0.002574	1.94	0.53	0.49	6.99	6.04	0.48
Fosso di Mezzo	105			Culvert											
Fosso di Mezzo	100	Max WS	TR30_D0.5	14.26	430.61	431.47	432.10	433.98	0.118818	7.14	2.09	1.42	2.20	4.16	2.81
Fosso di Mezzo	100	Max WS	TR30_D1	15.72	430.61	431.50	432.18	434.33	0.128010	7.60	2.24	1.54	2.29	4.23	2.94
Fosso di Mezzo	100	Max WS	TR30_D2	10.88	430.61	431.40	431.91	433.32	0.106149	6.23	1.78	1.10	1.89	3.94	2.61
Fosso di Mezzo	97.500*	Max WS	TR30_D0.5	14.26	429.56	430.26	430.81	432.49	0.140038	6.61	0.78	0.63	2.17	4.46	2.96
Fosso di Mezzo	97.500*	Max WS	TR30_D1	15.72	429.56	430.31	430.88	432.55	0.124824	6.63	0.82	0.83	2.39	4.54	2.84
Fosso di Mezzo	97.500*	Max WS	TR30_D2	10.88	429.56	430.17	430.63	432.09	0.155230	6.13	0.62		1.78	4.30	3.02
Fosso di Mezzo	95	Max WS	TR30_D0.5	14.24	428.51	429.53	429.58	430.02	0.015773	3.08	0.22	0.55	4.70	6.07	1.08
Fosso di Mezzo	95	Max WS	TR30_D1	15.70	428.51	429.68	429.64	430.10	0.011078	2.87	0.22	0.58	5.60	6.26	0.93
Fosso di Mezzo	95	Max WS	TR30_D2	10.88	428.51	429.35	429.44	429.82	0.022045	3.06	0.19	0.39	3.58	5.82	1.22
Fosso di Mezzo	93.750*	Max WS	TR30_D0.5	14.23	428.20	429.41	429.37	429.86	0.011162	2.99	0.31	0.52	4.91	5.14	0.94
Fosso di Mezzo	93.750*	Max WS	TR30_D1	15.69	428.20	429.59		429.99	0.007832	2.79	0.31	0.54	5.89	5.53	0.81
Fosso di Mezzo	93.750*	Max WS	TR30_D2	10.88	428.20	429.17	429.20	429.62	0.015714	2.98	0.29	0.42	3.71	4.91	1.06

HEC-RAS River: Fosso di Mezzo Reach: Fosso di Mezzo Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Fosso di Mezzo	92.500*	Max WS	TR30_D0.5	14.23	427.88	429.32	429.22	429.79	0.009196	3.06	0.60	0.51	5.06	4.96	0.87
Fosso di Mezzo	92.500*	Max WS	TR30_D1	15.69	427.88	429.53		429.93	0.006570	2.87	0.62	0.51	6.15	5.39	0.75
Fosso di Mezzo	92.500*	Max WS	TR30_D2	10.87	427.88	429.04	429.03	429.50	0.012324	3.02	0.49	0.43	3.78	4.41	0.96
Fosso di Mezzo	91.250*	Max WS	TR30_D0.5	14.22	427.57	429.23	429.15	429.75	0.009102	3.32	0.98	0.53	5.34	5.07	0.86
Fosso di Mezzo	91.250*	Max WS	TR30_D1	15.69	427.57	429.47		429.90	0.006564	3.10	0.90	0.52	6.61	5.87	0.75
Fosso di Mezzo	91.250*	Max WS	TR30_D2	10.88	427.57	428.93	428.92	429.44	0.011750	3.26	0.94	0.46	3.93	4.33	0.94
Fosso di Mezzo	90	Max WS	TR30_D0.5	14.22	427.26	429.14		429.64	0.010796	3.66	1.36	0.57	6.02	5.96	0.88
Fosso di Mezzo	90	Max WS	TR30_D1	15.69	427.26	429.43		429.80	0.006871	3.23	1.22	0.53	7.88	6.88	0.72
Fosso di Mezzo	90	Max WS	TR30_D2	10.87	427.26	428.81		429.34	0.014287	3.67	1.42	0.53	4.26	4.73	0.98
Fosso di Mezzo	85			Culvert											
Fosso di Mezzo	80	Max WS	TR30_D0.5	14.22	426.83	427.56	427.95	429.64	0.117738	7.31	1.83	2.38	3.34	12.06	2.90
Fosso di Mezzo	80	Max WS	TR30_D1	15.69	426.83	427.58	428.00	429.76	0.120366	7.57	1.94	2.47	3.63	12.30	2.95
Fosso di Mezzo	80	Max WS	TR30_D2	10.87	426.83	427.48	427.85	429.47	0.124256	6.90	1.58	2.24	2.49	10.08	2.91
Fosso di Mezzo	79.99			Lat Struct											
Fosso di Mezzo	70.000*	Max WS	TR30_D0.5	14.22	425.73	426.45	426.87	428.53	0.117163	7.30	1.92	2.38	3.26	10.76	2.89
Fosso di Mezzo	70.000*	Max WS	TR30_D1	15.69	425.73	426.48	426.91	428.62	0.117655	7.51	2.08	2.46	3.54	10.87	2.91
Fosso di Mezzo	70.000*	Max WS	TR30_D2	10.87	425.73	426.37	426.75	428.27	0.119105	6.77	1.75	2.19	2.48	9.23	2.85
Fosso di Mezzo	60.000*	Max WS	TR30_D0.5	14.22	424.63	425.35	425.79	427.43	0.115714	7.28	2.08	2.38	3.14	9.34	2.87
Fosso di Mezzo	60.000*	Max WS	TR30_D1	15.69	424.63	425.37	425.83	427.56	0.117800	7.54	2.23	2.47	3.38	9.45	2.92
Fosso di Mezzo	60.000*	Max WS	TR30_D2	10.87	424.63	425.27	425.67	427.15	0.117643	6.74	1.88	2.17	2.42	8.61	2.84
Fosso di Mezzo	50.000*	Max WS	TR30_D0.5	14.22	423.53	424.25	424.72	426.40	0.116925	7.35	2.26	2.39	2.97	7.93	2.89
Fosso di Mezzo	50.000*	Max WS	TR30_D1	15.69	423.53	424.28	424.78	426.50	0.115409	7.54	2.39	2.47	3.23	8.10	2.89
Fosso di Mezzo	50.000*	Max WS	TR30_D2	10.88	423.53	424.16	424.59	426.15	0.122569	6.87	1.91	2.20	2.32	7.36	2.89
Fosso di Mezzo	40	Max WS	TR30_D0.5	14.22	422.43	423.17	423.65	425.34	0.109224	7.28	2.33	2.37	2.85	6.80	2.81
Fosso di Mezzo	40	Max WS	TR30_D1	15.68	422.43	423.21	423.69	425.48	0.107075	7.49	2.29	2.46	3.14	7.46	2.81
Fosso di Mezzo	40	Max WS	TR30_D2	10.87	422.43	423.07	423.53	424.97	0.112915	6.70	2.22	2.13	2.25	5.89	2.78
Fosso di Mezzo	35.000*	Max WS	TR30_D0.5	14.22	421.79	422.64	423.19	424.39	0.078701	6.07	1.80	1.62	2.78	5.66	2.36
Fosso di Mezzo	35.000*	Max WS	TR30_D1	15.69	421.79	422.67	423.25	424.59	0.081929	6.38	1.91	1.72	2.95	5.78	2.42
Fosso di Mezzo	35.000*	Max WS	TR30_D2	10.87	421.79	422.56	422.95	423.92	0.069777	5.30	1.50	1.37	2.37	5.32	2.18
Fosso di Mezzo	30	Max WS	TR30_D0.5	14.22	421.16	421.92	422.49	424.49	0.176377	7.12	1.33	1.45	2.06	4.85	3.30
Fosso di Mezzo	30	Max WS	TR30_D1	15.68	421.16	421.95	422.56	424.70	0.174032	7.37	1.46	1.54	2.20	4.95	3.31
Fosso di Mezzo	30	Max WS	TR30_D2	10.87	421.16	421.85	422.33	424.02	0.188998	6.54	0.94	1.20	1.69	4.59	3.31
Fosso di Mezzo	29.98			Lat Struct											
Fosso di Mezzo	22.500	Max WS	TR30_D0.5	14.22	419.78	420.81	421.32	422.45	0.050623	6.04	1.71	1.94	3.06	4.67	2.00
Fosso di Mezzo	22.500	Max WS	TR30_D1	15.68	419.78	420.85	421.39	422.64	0.052966	6.34	1.81	2.04	3.24	4.77	2.06
Fosso di Mezzo	22.500	Max WS	TR30_D2	10.87	419.78	420.71	421.11	421.98	0.044832	5.27	1.46	1.68	2.61	4.37	1.84
Fosso di Mezzo	15.000	Max WS	TR30_D0.5	2.50	419.42	420.72		420.73	0.000211	0.44	0.12	0.16	7.49	9.62	0.13
Fosso di Mezzo	15.000	Max WS	TR30_D1	2.50	419.42	420.72		420.73	0.000211	0.44	0.12	0.16	7.49	9.62	0.13
Fosso di Mezzo	15.000	Max WS	TR30_D2	2.50	419.42	420.72		420.73	0.000211	0.44	0.12	0.16	7.49	9.62	0.13
Fosso di Mezzo	7.500	Max WS	TR30_D0.5	-0.08	418.69	420.73		420.73	0.000000	-0.01	0.00	0.00	18.87	14.55	0.00
Fosso di Mezzo	7.500	Max WS	TR30_D1	-0.08	418.69	420.73		420.73	0.000000	-0.01	0.00	0.00	18.87	14.55	0.00
Fosso di Mezzo	7.500	Max WS	TR30_D2	-0.08	418.69	420.73		420.73	0.000000	-0.01	0.00	0.00	18.87	14.55	0.00
Fosso di Mezzo	0	Max WS	TR30_D0.5	-25.86	418.29	420.65	419.59	420.69	0.000742	-1.33	-0.55	-0.59	35.58	19.95	0.28
Fosso di Mezzo	0	Max WS	TR30_D1	-25.86	418.29	420.65	419.59	420.69	0.000742	-1.33	-0.55	-0.59	35.58	19.95	0.28
Fosso di Mezzo	0	Max WS	TR30_D2	-25.86	418.29	420.65	419.59	420.69	0.000743	-1.33	-0.55	-0.59	35.58	19.95	0.28

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "RIGAGGIOLO"

RIGAGGIOLO

MODELLAZIONE PER TR=30 e 200 ANNI

DURATA DI PIOGGIA: 0.5, 1, 2, 3, 4 e 6 h

Profilo longitudinale

Sezioni Trasversali

Dati idraulici

ALLEGATI

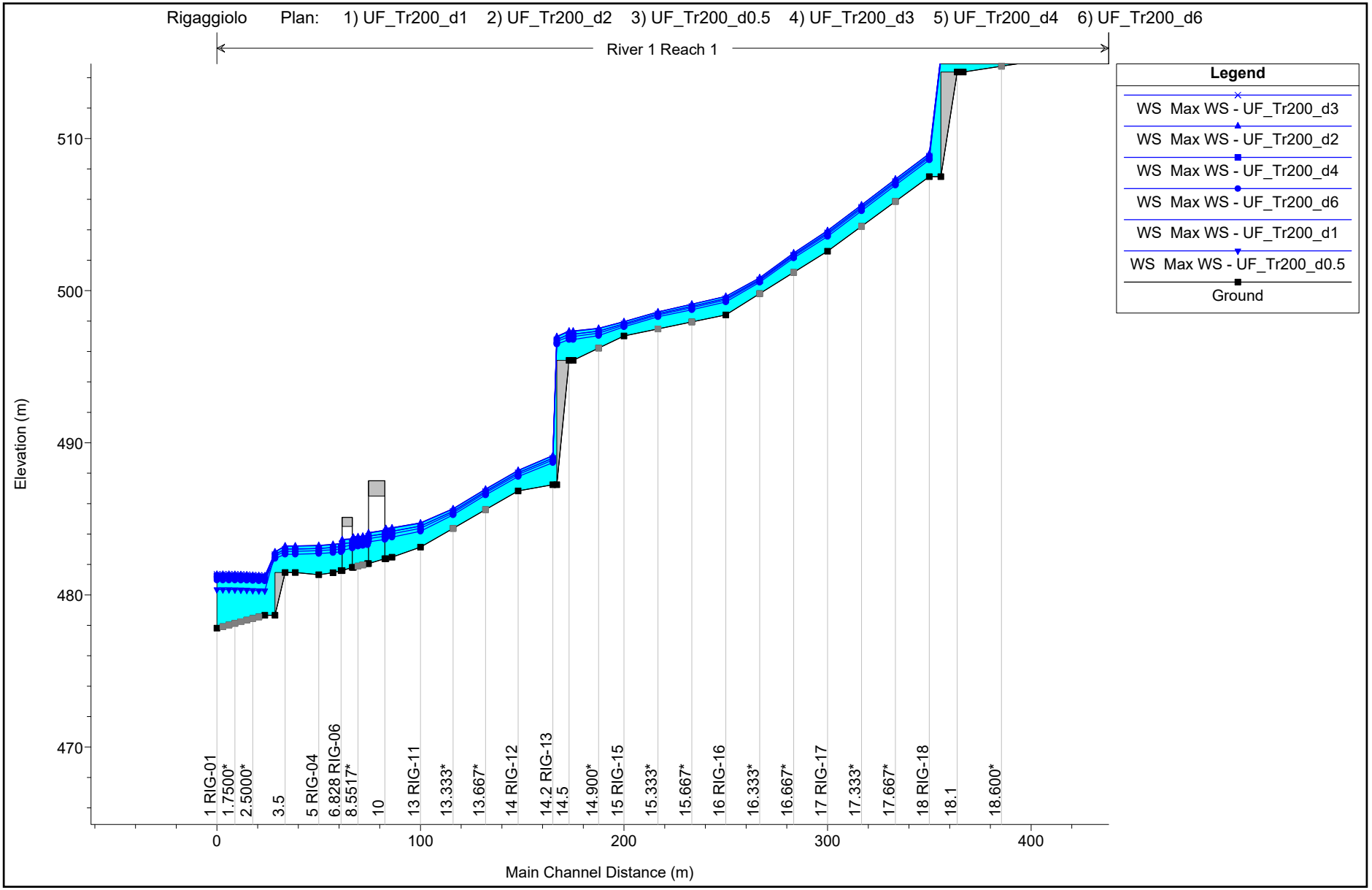
MODELLAZIONE HEC-RAS 5.0.7 "RIGAGGIOLO"

RIGAGGIOLO

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 0.5, 1, 2, 3, 4 e 6 h

Profilo longitudinale


Rigaggiolo Plan: 1) UF_Tr200_d1 2) UF_Tr200_d2 3) UF_Tr200_d0.5 4) UF_Tr200_d3 5) UF_Tr200_d4 6) UF_Tr200_d6
River 1 Reach 1
Legend
WS Max WS - UF_Tr200_d3
WS Max WS - UF_Tr200_d2
WS Max WS - UF_Tr200_d4
WS Max WS - UF_Tr200_d6
WS Max WS - UF_Tr200_d1
WS Max WS - UF_Tr200_d0.5
Ground
Elevation (m)
510
500
490
480
470
0
100
200
300
400
Main Channel Distance (m)
1 RIG-01
1.7500*
2.5000*
3.5
5 RIG-04
6.828 RIG-06
8.5517*
10
13 RIG-11
13.333*
13.667*
14 RIG-12
14.2 RIG-13
14.5
14.900*
15 RIG-15
15.333*
15.667*
16 RIG-16
16.333*
16.667*
17 RIG-17
17.333*
17.667*
18 RIG-18
18.1
18.600*

ALLEGATI

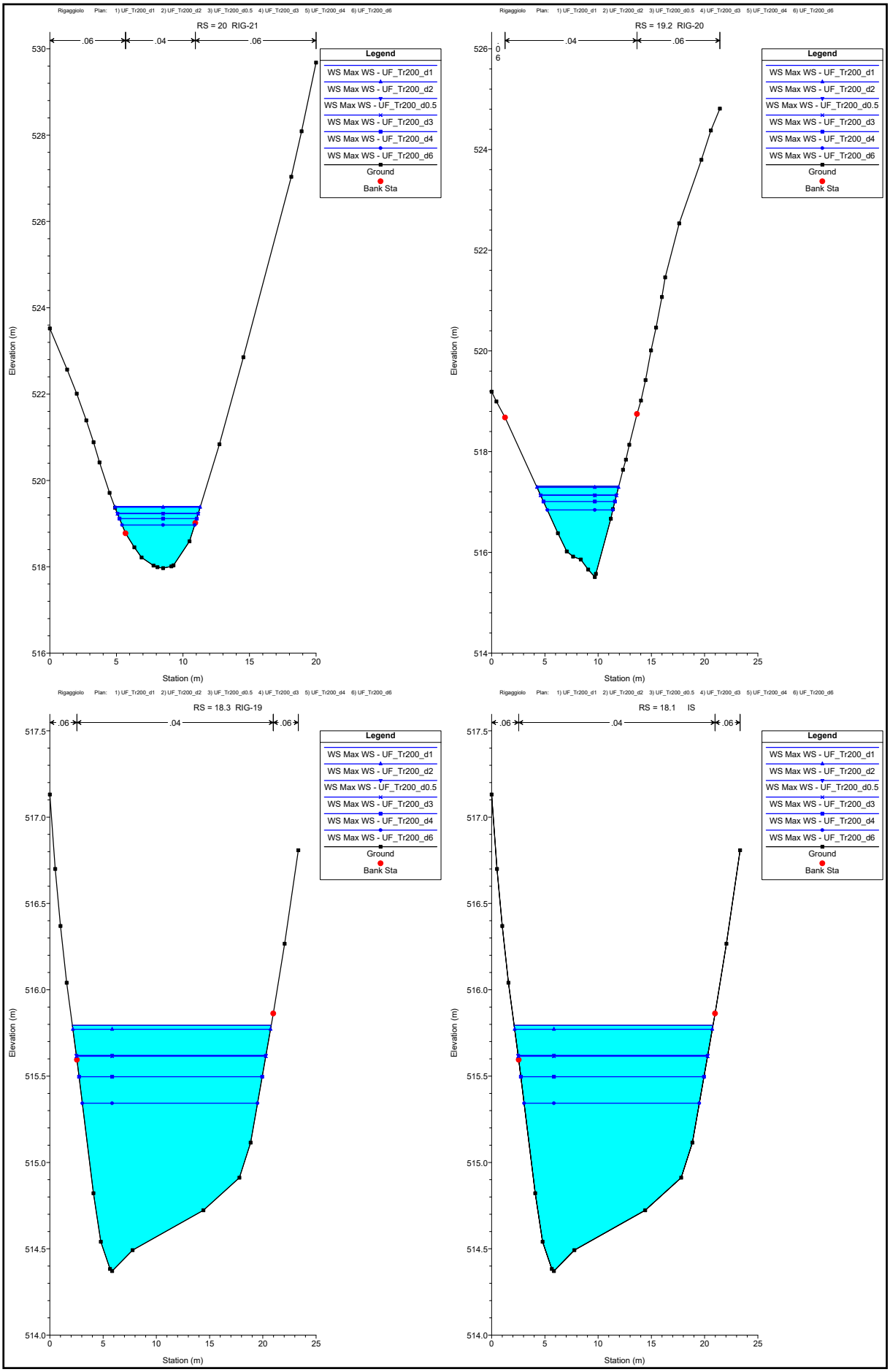
MODELLAZIONE HEC-RAS 5.0.7 "RIGAGGIOLO"

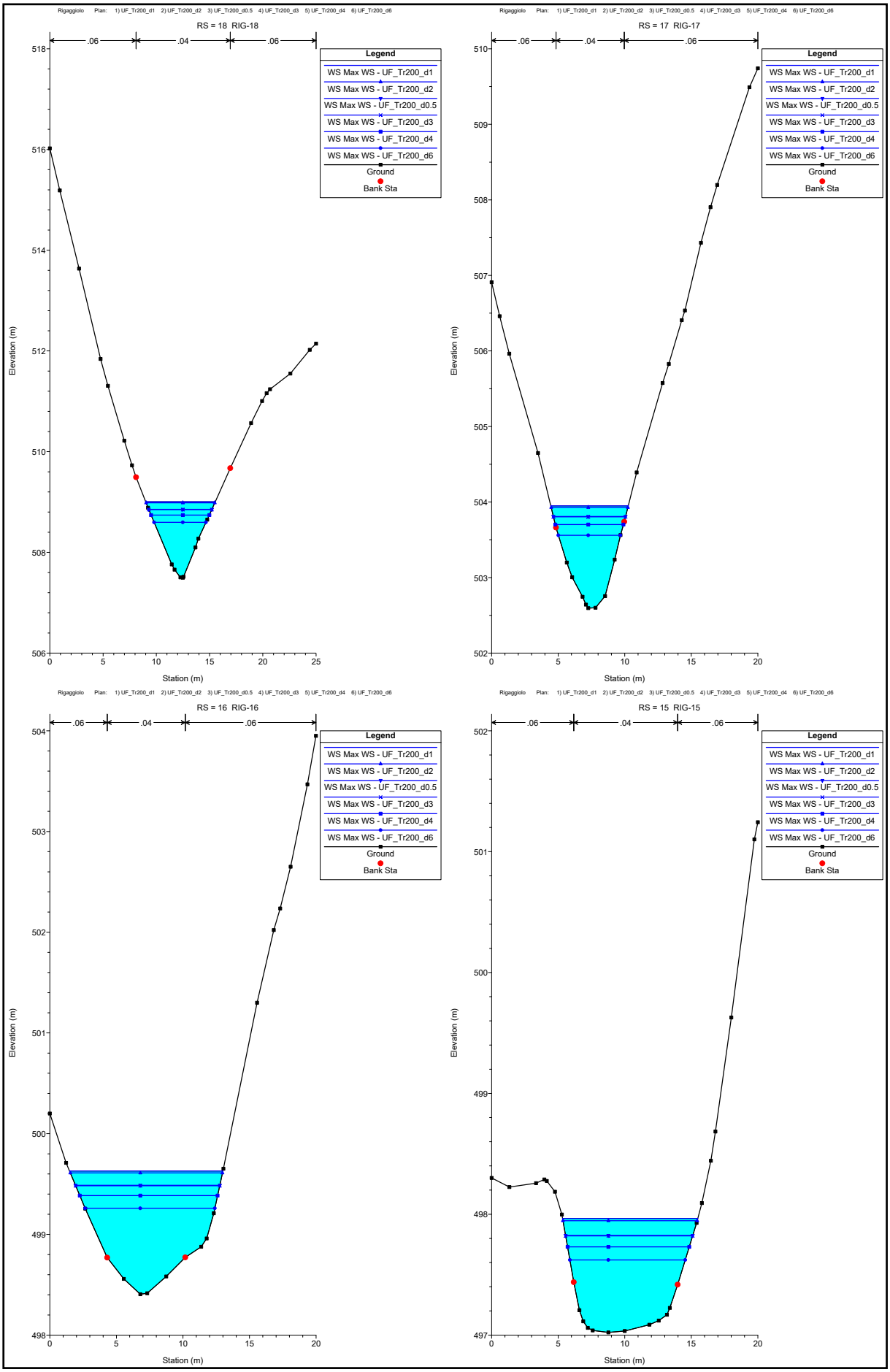
RIGAGGIOLO

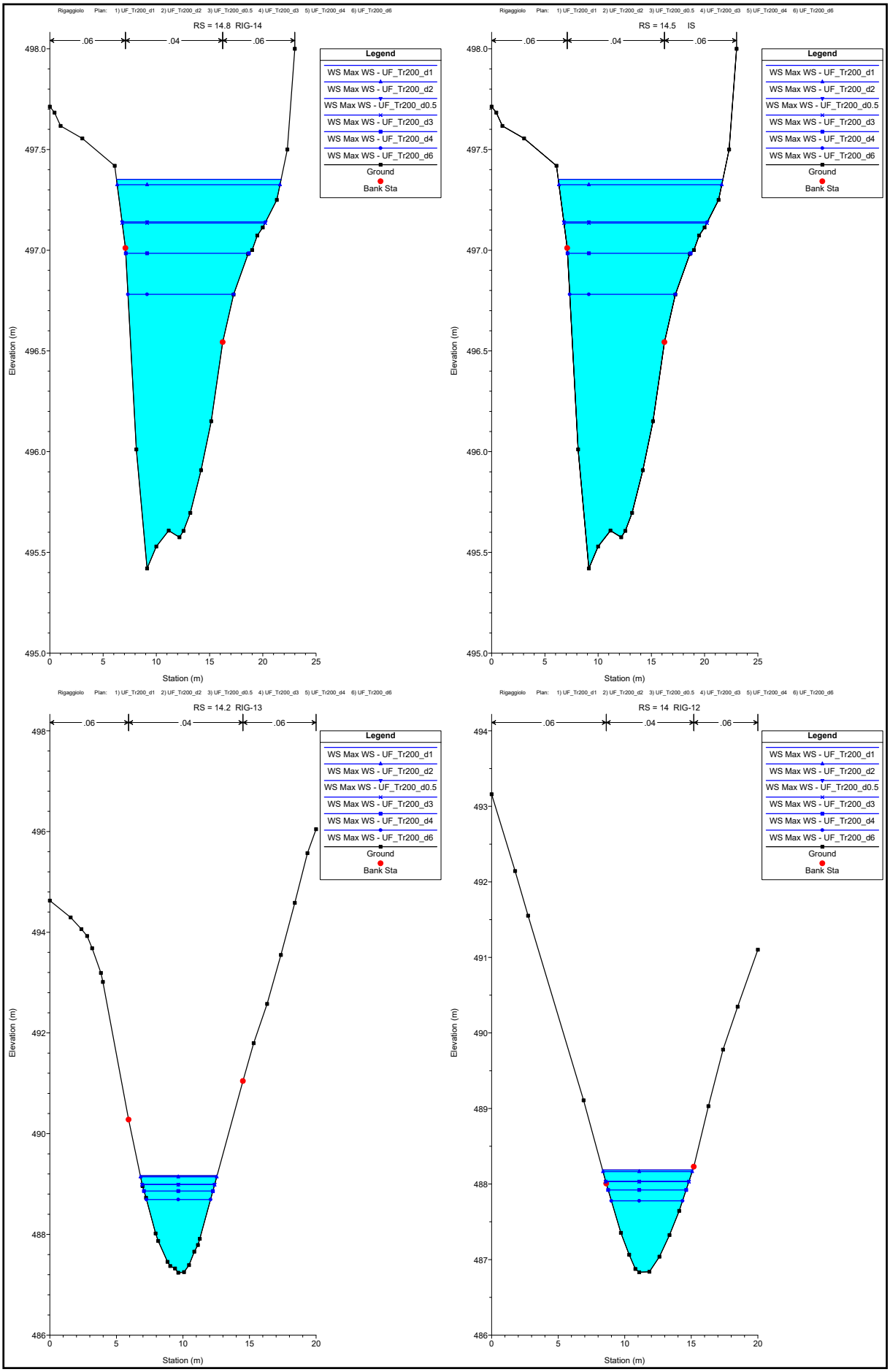
MODELLAZIONE PER TR= 200 anni

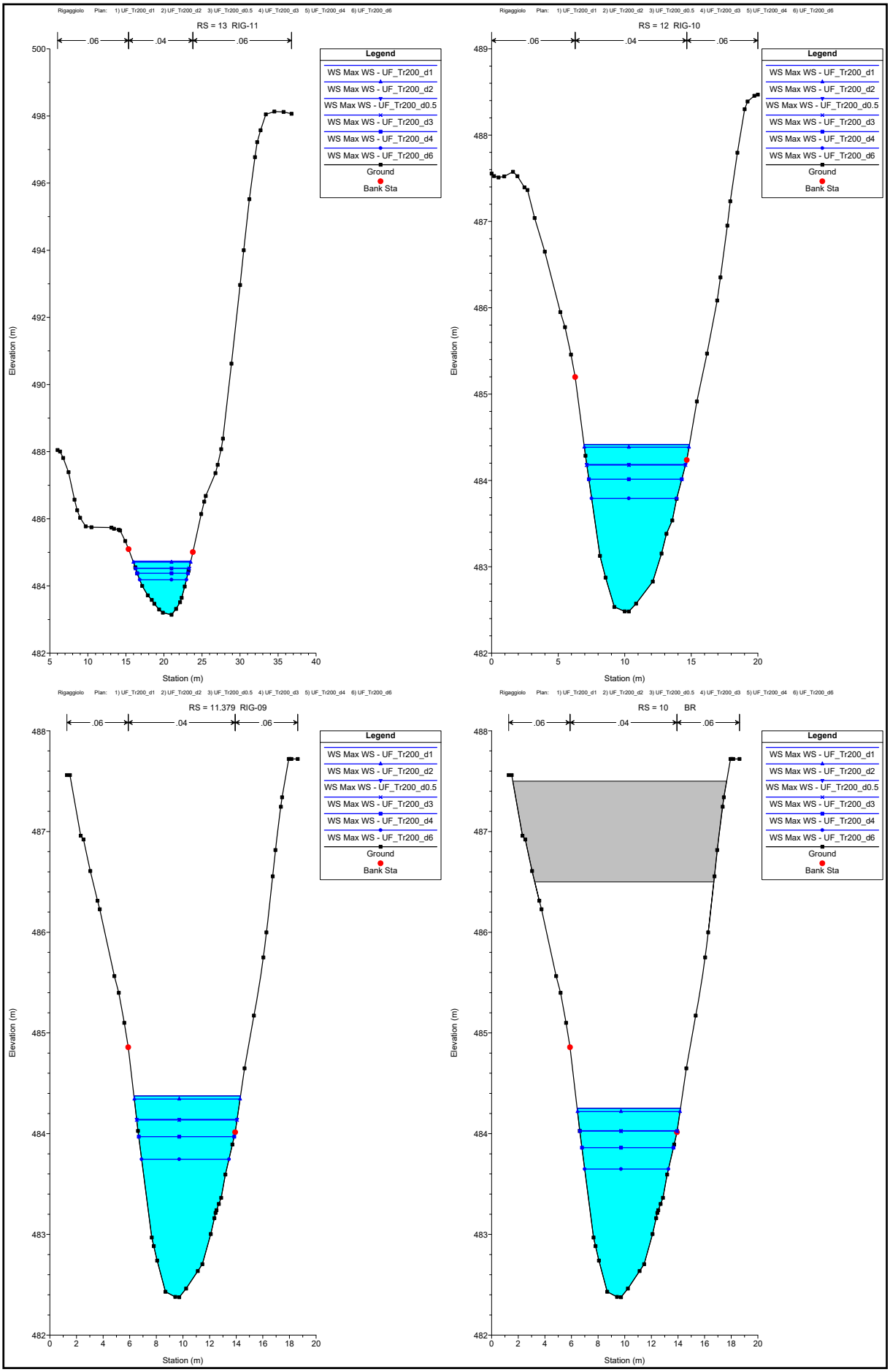
DURATE DI PIOGGIA: 0.5, 1, 2, 3, 4 e 6 h

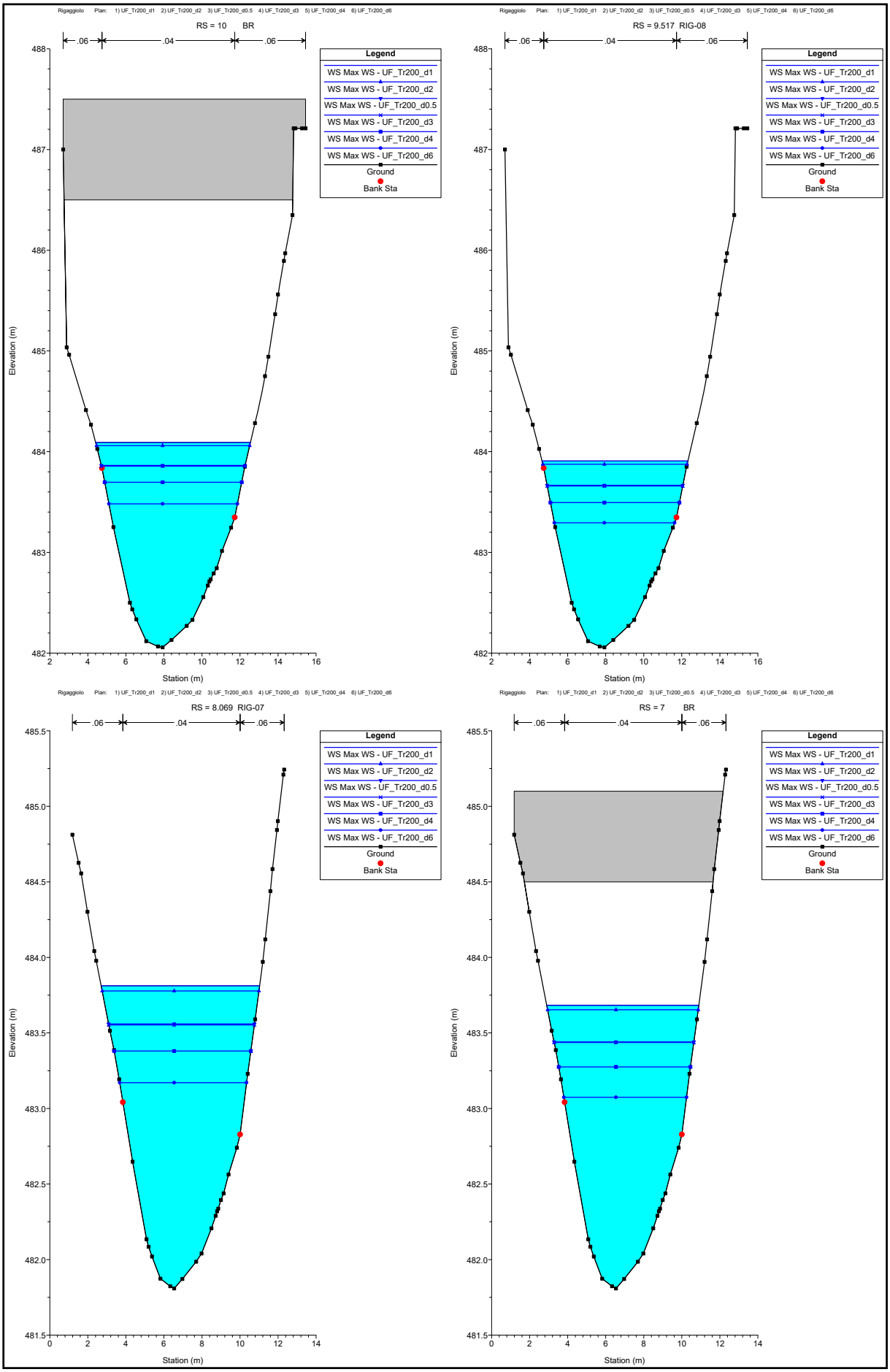
Sezioni Trasversali (da monte verso valle)

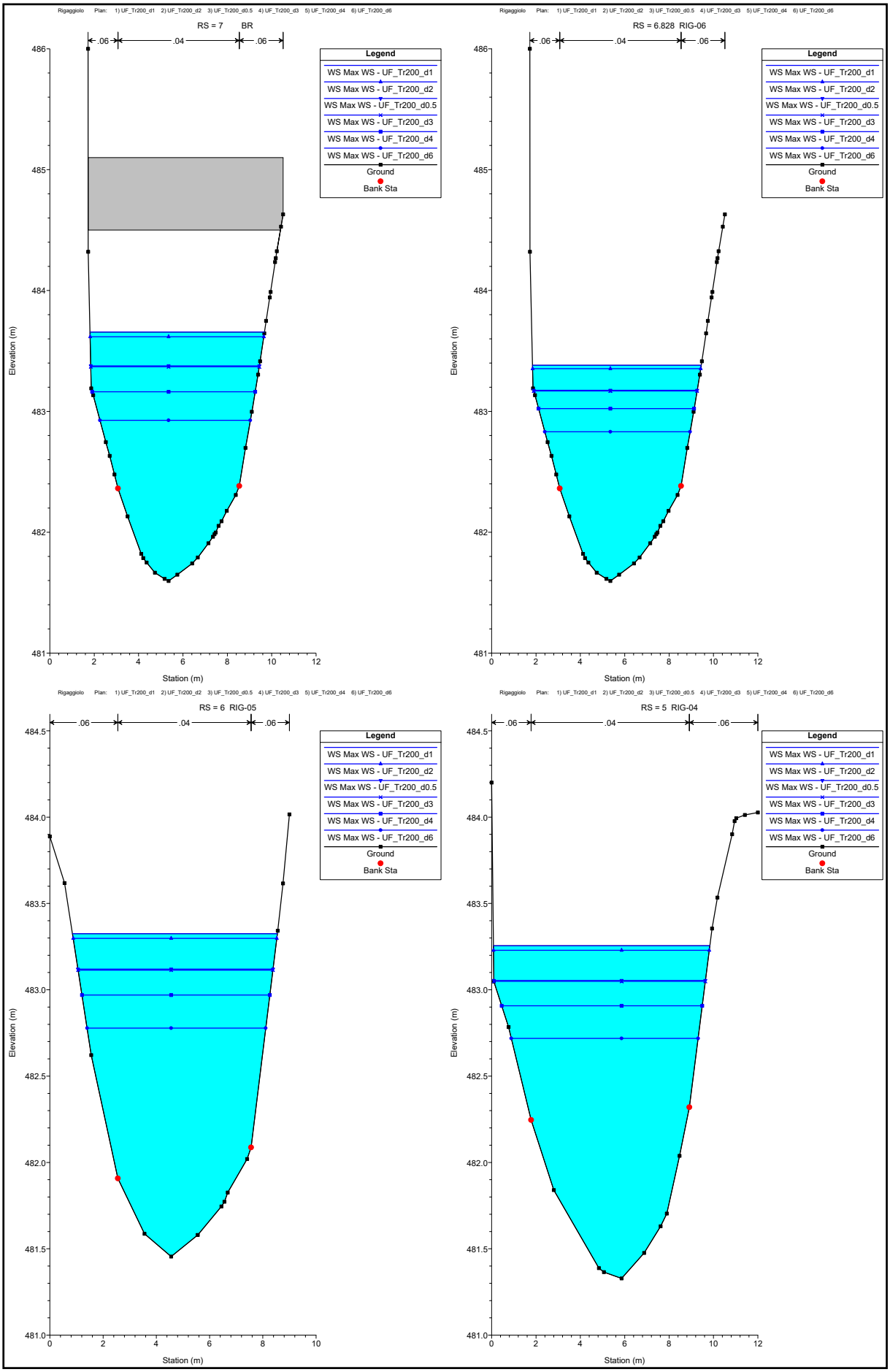

Rigaggiolo Plan: 1) UF_Tr200_d1 2) UF_Tr200_d2 3) UF_Tr200_d0.5 4) UF_Tr200_d3 5) UF_Tr200_d4 6) UF_Tr200_d6
RS = 20 RIG-21
.06
.04
.06
Legend
WS Max WS - UF_Tr200_d1
WS Max WS - UF_Tr200_d2
WS Max WS - UF_Tr200_d0.5
WS Max WS - UF_Tr200_d3
WS Max WS - UF_Tr200_d4
WS Max WS - UF_Tr200_d6
Ground
Bank Sta
Elevation (m)
Station (m)
RS = 19.2 RIG-20
RS = 18.3 RIG-19
RS = 18.1 IS

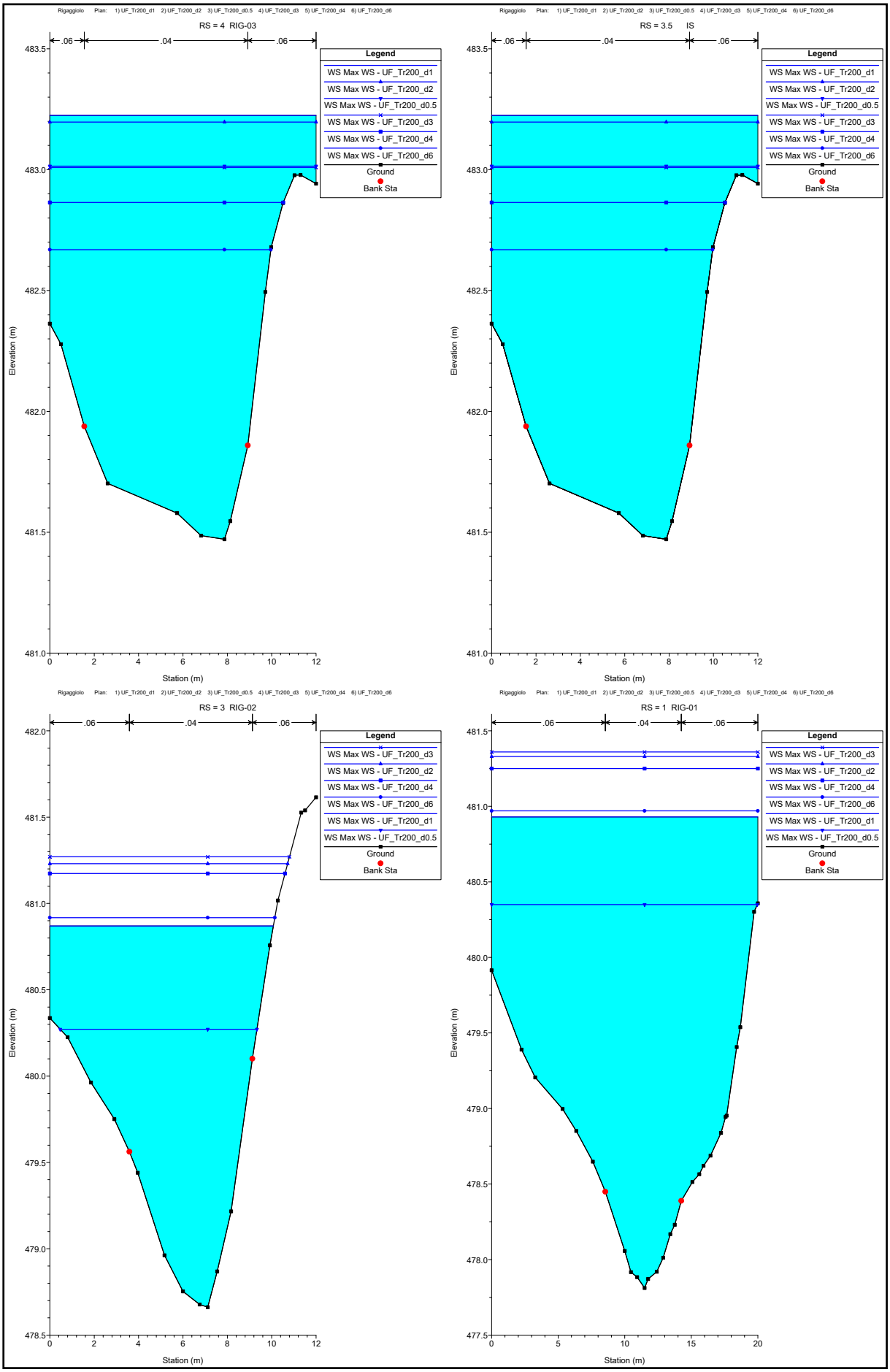

Rigaggiolo Plan: 1) UF_Tr200_d1 2) UF_Tr200_d2 3) UF_Tr200_d0.5 4) UF_Tr200_d3 5) UF_Tr200_d4 6) UF_Tr200_d6
RS = 18 RIG-18
.06
.04
.06
Legend
WS Max WS - UF_Tr200_d1
WS Max WS - UF_Tr200_d2
WS Max WS - UF_Tr200_d0.5
WS Max WS - UF_Tr200_d3
WS Max WS - UF_Tr200_d4
WS Max WS - UF_Tr200_d6
Ground
Bank Sta
Elevation (m)
Station (m)
Rigaggiolo Plan: 1) UF_Tr200_d1 2) UF_Tr200_d2 3) UF_Tr200_d0.5 4) UF_Tr200_d3 5) UF_Tr200_d4 6) UF_Tr200_d6
RS = 17 RIG-17
.06
.04
.06
Legend
WS Max WS - UF_Tr200_d1
WS Max WS - UF_Tr200_d2
WS Max WS - UF_Tr200_d0.5
WS Max WS - UF_Tr200_d3
WS Max WS - UF_Tr200_d4
WS Max WS - UF_Tr200_d6
Ground
Bank Sta
Elevation (m)
Station (m)
Rigaggiolo Plan: 1) UF_Tr200_d1 2) UF_Tr200_d2 3) UF_Tr200_d0.5 4) UF_Tr200_d3 5) UF_Tr200_d4 6) UF_Tr200_d6
RS = 16 RIG-16
.06
.04
.06
Legend
WS Max WS - UF_Tr200_d1
WS Max WS - UF_Tr200_d2
WS Max WS - UF_Tr200_d0.5
WS Max WS - UF_Tr200_d3
WS Max WS - UF_Tr200_d4
WS Max WS - UF_Tr200_d6
Ground
Bank Sta
Elevation (m)
Station (m)
Rigaggiolo Plan: 1) UF_Tr200_d1 2) UF_Tr200_d2 3) UF_Tr200_d0.5 4) UF_Tr200_d3 5) UF_Tr200_d4 6) UF_Tr200_d6
RS = 15 RIG-15
.06
.04
.06
Legend
WS Max WS - UF_Tr200_d1
WS Max WS - UF_Tr200_d2
WS Max WS - UF_Tr200_d0.5
WS Max WS - UF_Tr200_d3
WS Max WS - UF_Tr200_d4
WS Max WS - UF_Tr200_d6
Ground
Bank Sta
Elevation (m)
Station (m)


Rigaggiolo Plan: 1) UF_Tr200_d1 2) UF_Tr200_d2 3) UF_Tr200_d0.5 4) UF_Tr200_d3 5) UF_Tr200_d4 6) UF_Tr200_d6
RS = 14.8 RIG-14
.06
.04
.06
Legend
WS Max WS - UF_Tr200_d1
WS Max WS - UF_Tr200_d2
WS Max WS - UF_Tr200_d0.5
WS Max WS - UF_Tr200_d3
WS Max WS - UF_Tr200_d4
WS Max WS - UF_Tr200_d6
Ground
Bank Sta
Elevation (m)
Station (m)
Rigaggiolo Plan: 1) UF_Tr200_d1 2) UF_Tr200_d2 3) UF_Tr200_d0.5 4) UF_Tr200_d3 5) UF_Tr200_d4 6) UF_Tr200_d6
RS = 14.5 IS
.06
.04
.06
Legend
WS Max WS - UF_Tr200_d1
WS Max WS - UF_Tr200_d2
WS Max WS - UF_Tr200_d0.5
WS Max WS - UF_Tr200_d3
WS Max WS - UF_Tr200_d4
WS Max WS - UF_Tr200_d6
Ground
Bank Sta
Elevation (m)
Station (m)
Rigaggiolo Plan: 1) UF_Tr200_d1 2) UF_Tr200_d2 3) UF_Tr200_d0.5 4) UF_Tr200_d3 5) UF_Tr200_d4 6) UF_Tr200_d6
RS = 14.2 RIG-13
.06
.04
.06
Legend
WS Max WS - UF_Tr200_d1
WS Max WS - UF_Tr200_d2
WS Max WS - UF_Tr200_d0.5
WS Max WS - UF_Tr200_d3
WS Max WS - UF_Tr200_d4
WS Max WS - UF_Tr200_d6
Ground
Bank Sta
Elevation (m)
Station (m)
Rigaggiolo Plan: 1) UF_Tr200_d1 2) UF_Tr200_d2 3) UF_Tr200_d0.5 4) UF_Tr200_d3 5) UF_Tr200_d4 6) UF_Tr200_d6
RS = 14 RIG-12
.06
.04
.06
Legend
WS Max WS - UF_Tr200_d1
WS Max WS - UF_Tr200_d2
WS Max WS - UF_Tr200_d0.5
WS Max WS - UF_Tr200_d3
WS Max WS - UF_Tr200_d4
WS Max WS - UF_Tr200_d6
Ground
Bank Sta
Elevation (m)
Station (m)


Rigaggiolo Plan: 1) UF_Tr200_d1 2) UF_Tr200_d2 3) UF_Tr200_d0.5 4) UF_Tr200_d3 5) UF_Tr200_d4 6) UF_Tr200_d6
RS = 13 RIG-11
.06
.04
.06
Legend
WS Max WS - UF_Tr200_d1
WS Max WS - UF_Tr200_d2
WS Max WS - UF_Tr200_d0.5
WS Max WS - UF_Tr200_d3
WS Max WS - UF_Tr200_d4
WS Max WS - UF_Tr200_d6
Ground
Bank Sta
Elevation (m)
Station (m)
RS = 12 RIG-10
RS = 11.379 RIG-09
RS = 10 BR


Rigaggiolo Plan: 1) UF_Tr200_d1 2) UF_Tr200_d2 3) UF_Tr200_d0.5 4) UF_Tr200_d3 5) UF_Tr200_d4 6) UF_Tr200_d6
RS = 10 BR
.06
.04
.06
Legend
WS Max WS - UF_Tr200_d1
WS Max WS - UF_Tr200_d2
WS Max WS - UF_Tr200_d0.5
WS Max WS - UF_Tr200_d3
WS Max WS - UF_Tr200_d4
WS Max WS - UF_Tr200_d6
Ground
Bank Sta
Elevation (m)
Station (m)
RS = 9.517 RIG-08
RS = 8.069 RIG-07
RS = 7 BR


Rigaggiolo Plan: 1) UF_Tr200_d1 2) UF_Tr200_d2 3) UF_Tr200_d0.5 4) UF_Tr200_d3 5) UF_Tr200_d4 6) UF_Tr200_d6
RS = 7 BR
.06 .04 .06
Legend
WS Max WS - UF_Tr200_d1
WS Max WS - UF_Tr200_d2
WS Max WS - UF_Tr200_d0.5
WS Max WS - UF_Tr200_d3
WS Max WS - UF_Tr200_d4
WS Max WS - UF_Tr200_d6
Ground
Bank Sta
Elevation (m)
Station (m)
Rigaggiolo Plan: 1) UF_Tr200_d1 2) UF_Tr200_d2 3) UF_Tr200_d0.5 4) UF_Tr200_d3 5) UF_Tr200_d4 6) UF_Tr200_d6
RS = 6.828 RIG-06
.06 .04 .06
Legend
WS Max WS - UF_Tr200_d1
WS Max WS - UF_Tr200_d2
WS Max WS - UF_Tr200_d0.5
WS Max WS - UF_Tr200_d3
WS Max WS - UF_Tr200_d4
WS Max WS - UF_Tr200_d6
Ground
Bank Sta
Elevation (m)
Station (m)
Rigaggiolo Plan: 1) UF_Tr200_d1 2) UF_Tr200_d2 3) UF_Tr200_d0.5 4) UF_Tr200_d3 5) UF_Tr200_d4 6) UF_Tr200_d6
RS = 6 RIG-05
.06 .04 .06
Legend
WS Max WS - UF_Tr200_d1
WS Max WS - UF_Tr200_d2
WS Max WS - UF_Tr200_d0.5
WS Max WS - UF_Tr200_d3
WS Max WS - UF_Tr200_d4
WS Max WS - UF_Tr200_d6
Ground
Bank Sta
Elevation (m)
Station (m)
Rigaggiolo Plan: 1) UF_Tr200_d1 2) UF_Tr200_d2 3) UF_Tr200_d0.5 4) UF_Tr200_d3 5) UF_Tr200_d4 6) UF_Tr200_d6
RS = 5 RIG-04
.06 .04 .06
Legend
WS Max WS - UF_Tr200_d1
WS Max WS - UF_Tr200_d2
WS Max WS - UF_Tr200_d0.5
WS Max WS - UF_Tr200_d3
WS Max WS - UF_Tr200_d4
WS Max WS - UF_Tr200_d6
Ground
Bank Sta
Elevation (m)
Station (m)


Rigaggiolo Plan: 1) UF_Tr200_d1 2) UF_Tr200_d2 3) UF_Tr200_d0.5 4) UF_Tr200_d3 5) UF_Tr200_d4 6) UF_Tr200_d6
RS = 4 RIG-03
.06
.04
.06
Legend
WS Max WS - UF_Tr200_d1
WS Max WS - UF_Tr200_d2
WS Max WS - UF_Tr200_d0.5
WS Max WS - UF_Tr200_d3
WS Max WS - UF_Tr200_d4
WS Max WS - UF_Tr200_d6
Ground
Bank Sta
Elevation (m)
Station (m)
Rigaggiolo Plan: 1) UF_Tr200_d1 2) UF_Tr200_d2 3) UF_Tr200_d0.5 4) UF_Tr200_d3 5) UF_Tr200_d4 6) UF_Tr200_d6
RS = 3.5 IS
.06
.04
.06
Legend
WS Max WS - UF_Tr200_d1
WS Max WS - UF_Tr200_d2
WS Max WS - UF_Tr200_d0.5
WS Max WS - UF_Tr200_d3
WS Max WS - UF_Tr200_d4
WS Max WS - UF_Tr200_d6
Ground
Bank Sta
Elevation (m)
Station (m)
Rigaggiolo Plan: 1) UF_Tr200_d1 2) UF_Tr200_d2 3) UF_Tr200_d0.5 4) UF_Tr200_d3 5) UF_Tr200_d4 6) UF_Tr200_d6
RS = 3 RIG-02
.06
.04
.06
Legend
WS Max WS - UF_Tr200_d3
WS Max WS - UF_Tr200_d2
WS Max WS - UF_Tr200_d4
WS Max WS - UF_Tr200_d6
WS Max WS - UF_Tr200_d1
WS Max WS - UF_Tr200_d0.5
Ground
Bank Sta
Elevation (m)
Station (m)
Rigaggiolo Plan: 1) UF_Tr200_d1 2) UF_Tr200_d2 3) UF_Tr200_d0.5 4) UF_Tr200_d3 5) UF_Tr200_d4 6) UF_Tr200_d6
RS = 1 RIG-01
.06
.04
.06
Legend
WS Max WS - UF_Tr200_d3
WS Max WS - UF_Tr200_d2
WS Max WS - UF_Tr200_d4
WS Max WS - UF_Tr200_d6
WS Max WS - UF_Tr200_d1
WS Max WS - UF_Tr200_d0.5
Ground
Bank Sta
Elevation (m)
Station (m)

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "RIGAGGIOLO"

RIGAGGIOLO

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 0.5, 1, 2, 3, 4 e 6 h

Dati idraulici

HEC-RAS River: River 1 Reach: Reach 1 Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Reach 1	7			Bridge											
Reach 1	6.828	Max WS	UF_Tr200_d1	33.76	481.60	483.38	483.45	484.16	0.015822	3.98	1.21	1.01	9.33	7.61	1.04
Reach 1	6.828	Max WS	UF_Tr200_d2	32.65	481.60	483.35	483.42	484.11	0.015793	3.92	1.18	0.99	9.12	7.58	1.04
Reach 1	6.828	Max WS	UF_Tr200_d0.5	25.90	481.60	483.17	483.22	483.81	0.015707	3.59	1.00	0.86	7.78	7.37	1.01
Reach 1	6.828	Max WS	UF_Tr200_d3	25.69	481.60	483.17	483.21	483.80	0.015694	3.57	0.99	0.86	7.74	7.36	1.01
Reach 1	6.828	Max WS	UF_Tr200_d4	20.90	481.60	483.02	483.04	483.57	0.015777	3.31	0.87	0.75	6.69	7.01	0.99
Reach 1	6.828	Max WS	UF_Tr200_d6	15.40	481.60	482.83	482.83	483.27	0.016203	2.96	0.70	0.60	5.39	6.55	0.97
Reach 1	6	Max WS	UF_Tr200_d1	33.75	481.46	483.32	483.30	484.02	0.012410	3.82	1.30	0.98	10.16	7.70	0.95
Reach 1	6	Max WS	UF_Tr200_d2	32.65	481.46	483.30	483.27	483.97	0.012310	3.76	1.28	0.97	9.95	7.65	0.94
Reach 1	6	Max WS	UF_Tr200_d0.5	25.89	481.46	483.12	483.05	483.67	0.011652	3.38	1.14	0.85	8.62	7.33	0.90
Reach 1	6	Max WS	UF_Tr200_d3	25.69	481.46	483.11	483.04	483.66	0.011627	3.37	1.14	0.84	8.58	7.32	0.90
Reach 1	6	Max WS	UF_Tr200_d4	20.90	481.46	482.97		483.43	0.011143	3.08	1.03	0.74	7.54	7.06	0.86
Reach 1	6	Max WS	UF_Tr200_d6	15.40	481.46	482.78		483.14	0.010581	2.69	0.87	0.62	6.22	6.71	0.82
Reach 1	5.99			Lat Struct											
Reach 1	5.98			Lat Struct											
Reach 1	5	Max WS	UF_Tr200_d1	33.75	481.33	483.26		483.66	0.007483	2.86	0.88	0.69	12.79	9.75	0.72
Reach 1	5	Max WS	UF_Tr200_d2	32.65	481.33	483.23		483.62	0.007424	2.82	0.85	0.67	12.54	9.72	0.72
Reach 1	5	Max WS	UF_Tr200_d0.5	25.89	481.33	483.05		483.38	0.007062	2.54	0.69	0.57	10.85	9.54	0.69
Reach 1	5	Max WS	UF_Tr200_d3	25.69	481.33	483.05		483.37	0.007047	2.53	0.68	0.56	10.81	9.53	0.69
Reach 1	5	Max WS	UF_Tr200_d4	20.90	481.33	482.91		483.18	0.006768	2.31	0.59	0.48	9.49	9.04	0.66
Reach 1	5	Max WS	UF_Tr200_d6	15.40	481.33	482.72		482.93	0.006435	2.02	0.47	0.36	7.85	8.42	0.63
Reach 1	4	Max WS	UF_Tr200_d1	31.62	481.47	483.22	482.83	483.51	0.005301	2.46	0.92	0.71	15.04	12.00	0.62
Reach 1	4	Max WS	UF_Tr200_d2	30.69	481.47	483.20	482.81	483.48	0.005316	2.44	0.91	0.69	14.71	12.00	0.62
Reach 1	4	Max WS	UF_Tr200_d0.5	24.91	481.47	483.01	482.66	483.26	0.005471	2.28	0.85	0.54	12.52	12.00	0.62
Reach 1	4	Max WS	UF_Tr200_d3	24.73	481.47	483.01	482.66	483.26	0.005473	2.27	0.85	0.53	12.45	12.00	0.62
Reach 1	4	Max WS	UF_Tr200_d4	20.39	481.47	482.86	482.55	483.08	0.005439	2.10	0.78	0.61	10.84	10.52	0.60
Reach 1	4	Max WS	UF_Tr200_d6	15.25	481.47	482.67	482.39	482.84	0.005535	1.89	0.67	0.57	8.84	9.96	0.59
Reach 1	3.5			Inl Struct											
Reach 1	3	Max WS	UF_Tr200_d1	15.78	478.66	480.87		480.96	0.001708	1.41	0.57	0.30	13.36	10.07	0.34
Reach 1	3	Max WS	UF_Tr200_d2	22.55	478.66	481.23		481.35	0.001760	1.62	0.69	0.39	17.11	10.72	0.35
Reach 1	3	Max WS	UF_Tr200_d0.5	12.48	478.66	480.27		480.43	0.004957	1.83	0.56	0.19	7.58	8.87	0.54
Reach 1	3	Max WS	UF_Tr200_d3	22.02	478.66	481.27		481.38	0.001569	1.55	0.66	0.37	17.53	10.80	0.34
Reach 1	3	Max WS	UF_Tr200_d4	19.32	478.66	481.17		481.27	0.001427	1.43	0.61	0.34	16.50	10.60	0.32
Reach 1	3	Max WS	UF_Tr200_d6	15.25	478.66	480.92		481.00	0.001445	1.32	0.54	0.29	13.85	10.14	0.31
Reach 1	1	Max WS	UF_Tr200_d1	14.01	477.81	480.93	478.92	480.94	0.000100	0.50	0.23	0.23	42.41	20.00	0.09
Reach 1	1	Max WS	UF_Tr200_d2	13.26	477.81	481.33	478.89	481.34	0.000054	0.40	0.19	0.18	50.42	20.00	0.07
Reach 1	1	Max WS	UF_Tr200_d0.5	12.14	477.81	480.35	478.85	480.36	0.000189	0.59	0.25	0.26	30.81	19.96	0.12
Reach 1	1	Max WS	UF_Tr200_d3	8.34	477.81	481.36	478.68	481.36	0.000021	0.25	0.12	0.11	51.02	20.00	0.04
Reach 1	1	Max WS	UF_Tr200_d4	9.22	477.81	481.25	478.73	481.25	0.000029	0.29	0.13	0.13	48.81	20.00	0.05
Reach 1	1	Max WS	UF_Tr200_d6	9.59	477.81	480.97	478.74	480.97	0.000044	0.33	0.15	0.15	43.22	20.00	0.06

ALLEGATI

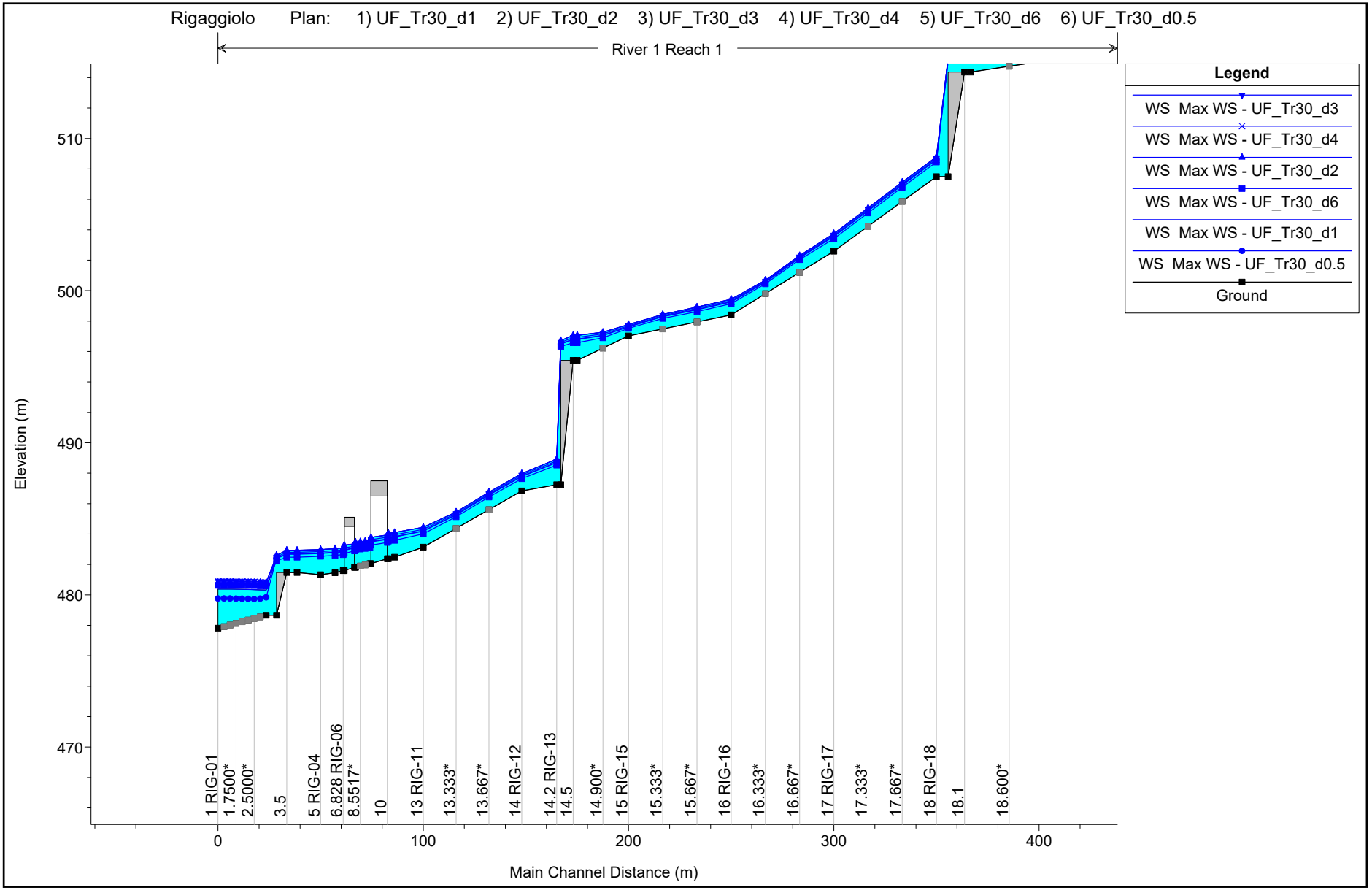
MODELLAZIONE HEC-RAS 5.0.7 "RIGAGGIOLO"

RIGAGGIOLO

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 0.5, 1, 2, 3, 4 e 6 h

Profilo longitudinale


Rigaggiolo Plan: 1) UF_Tr30_d1 2) UF_Tr30_d2 3) UF_Tr30_d3 4) UF_Tr30_d4 5) UF_Tr30_d6 6) UF_Tr30_d0.5
River 1 Reach 1
Legend
WS Max WS - UF_Tr30_d3
WS Max WS - UF_Tr30_d4
WS Max WS - UF_Tr30_d2
WS Max WS - UF_Tr30_d6
WS Max WS - UF_Tr30_d1
WS Max WS - UF_Tr30_d0.5
Ground
Elevation (m)
510
500
490
480
470
0
100
200
300
400
Main Channel Distance (m)
1 RIG-01
1.7500*
2.5000*
3.5
5 RIG-04
6.828 RIG-06
8.5517*
10
13 RIG-11
13.333*
13.667*
14 RIG-12
14.2 RIG-13
14.5
14.900*
15 RIG-15
15.333*
15.667*
16 RIG-16
16.333*
16.667*
17 RIG-17
17.333*
17.667*
18 RIG-18
18.1
18.600*

ALLEGATI

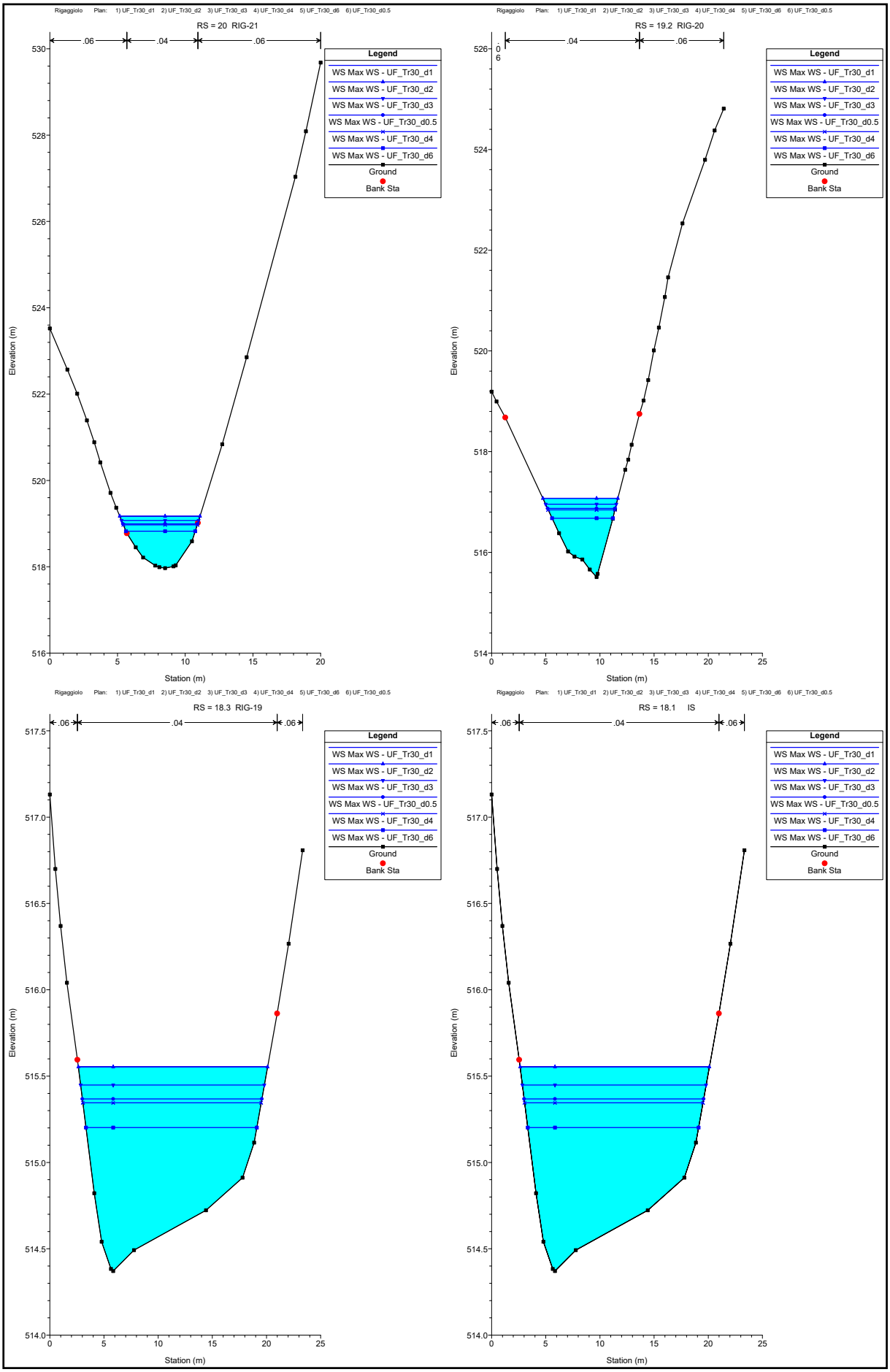
MODELLAZIONE HEC-RAS 5.0.7 "RIGAGGIOLO"

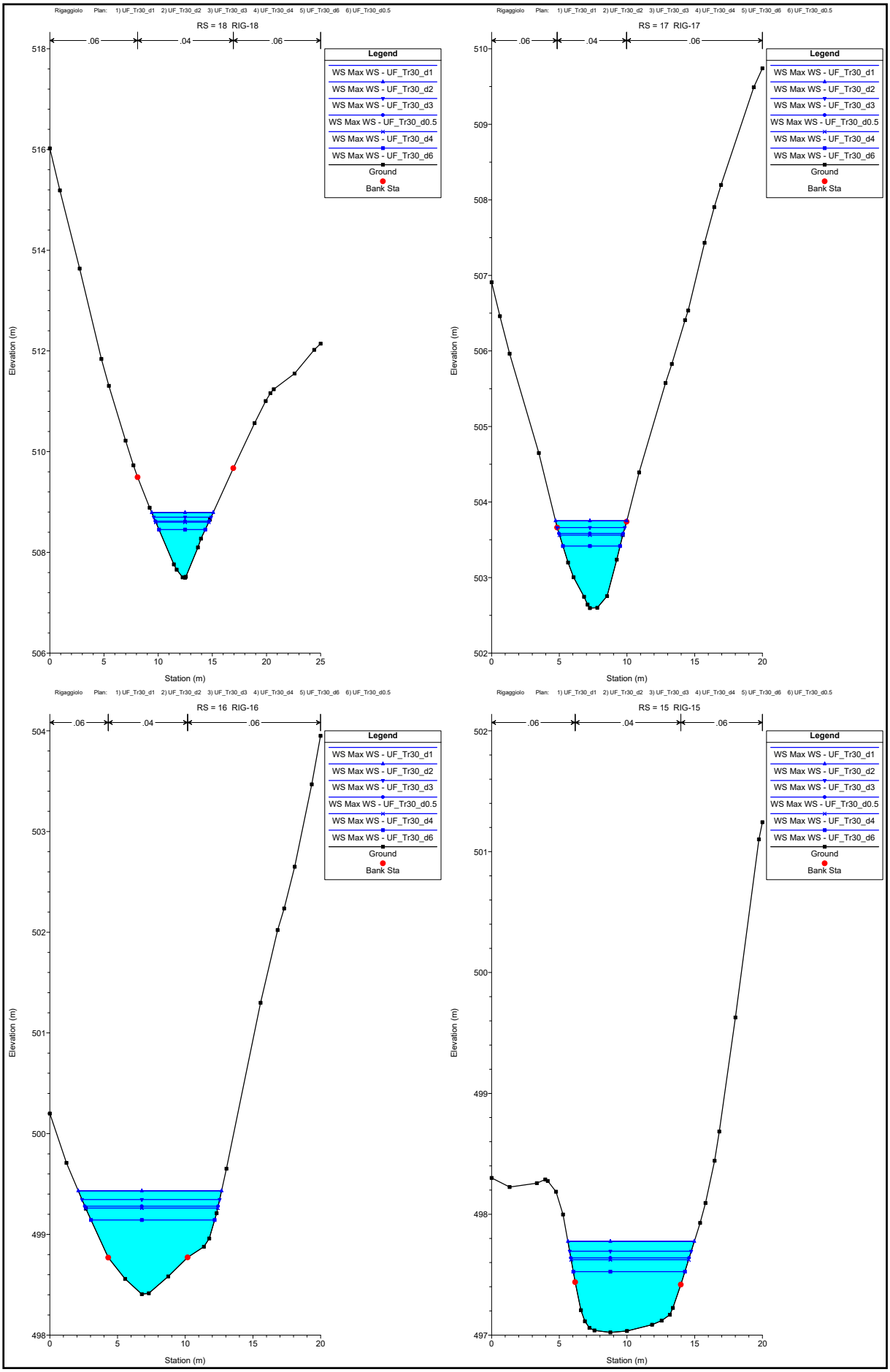
RIGAGGIOLO

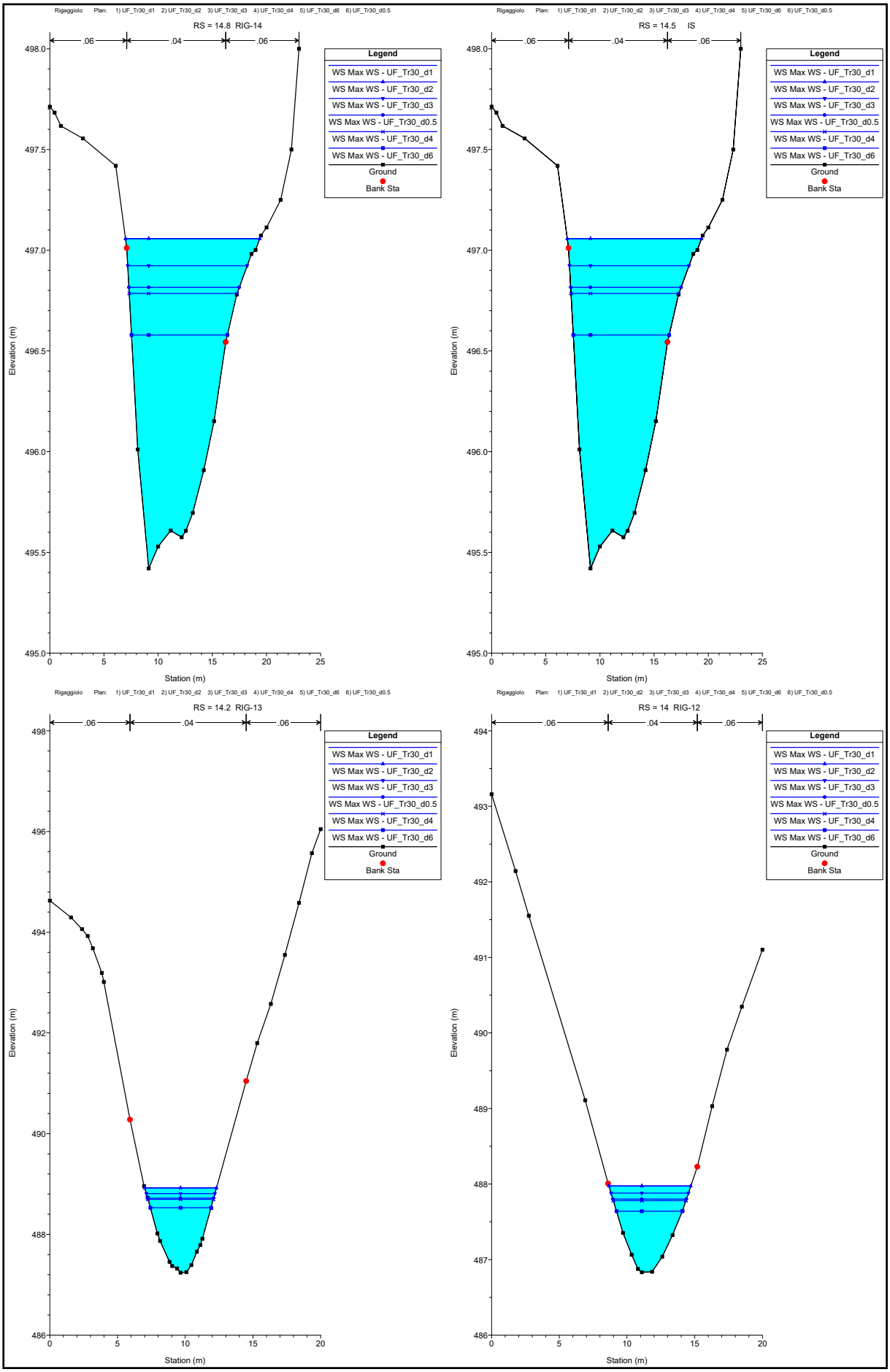
MODELLAZIONE PER TR= 30 anni

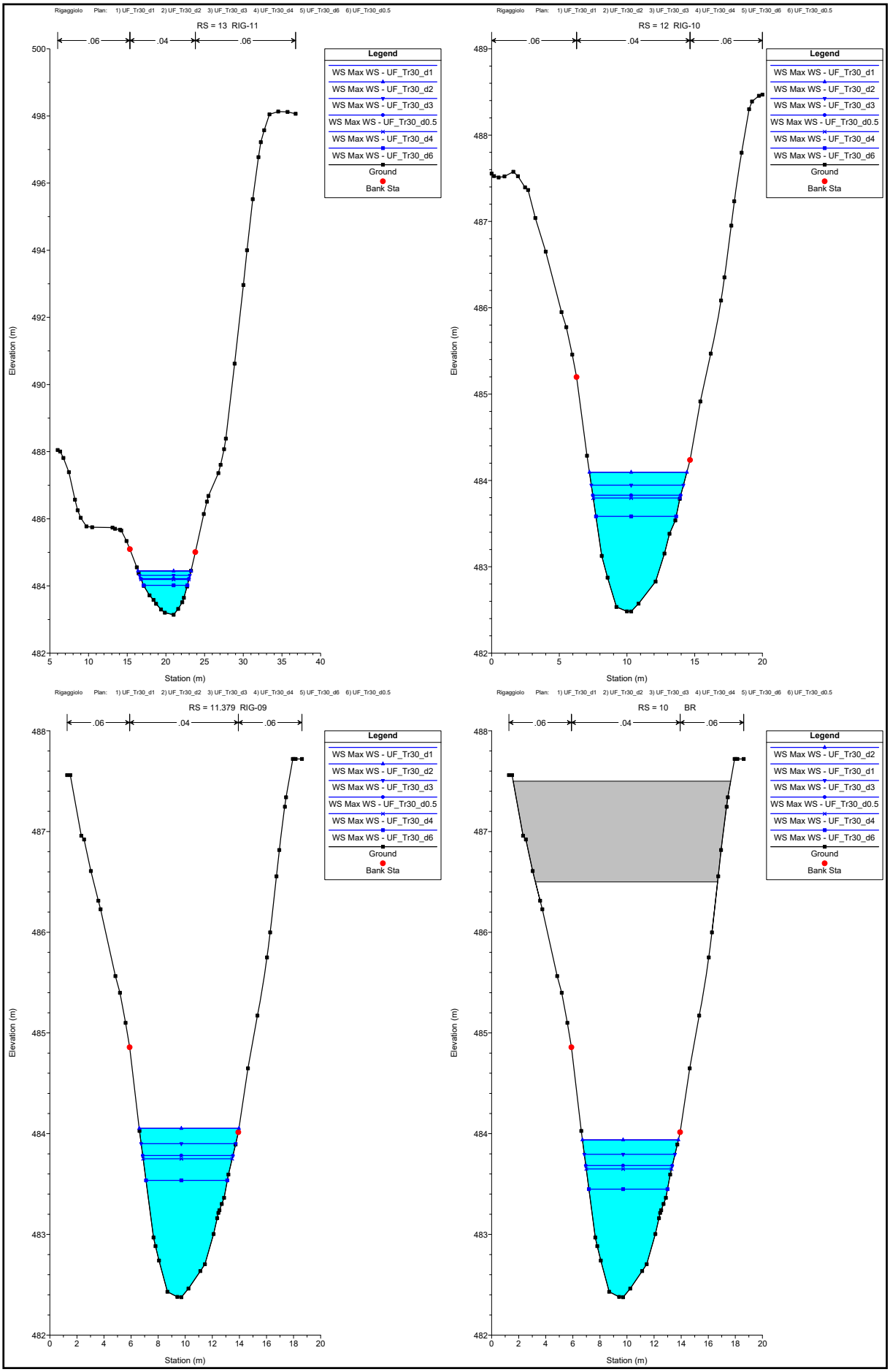
DURATE DI PIOGGIA: 0.5, 1, 2, 3, 4 e 6 h

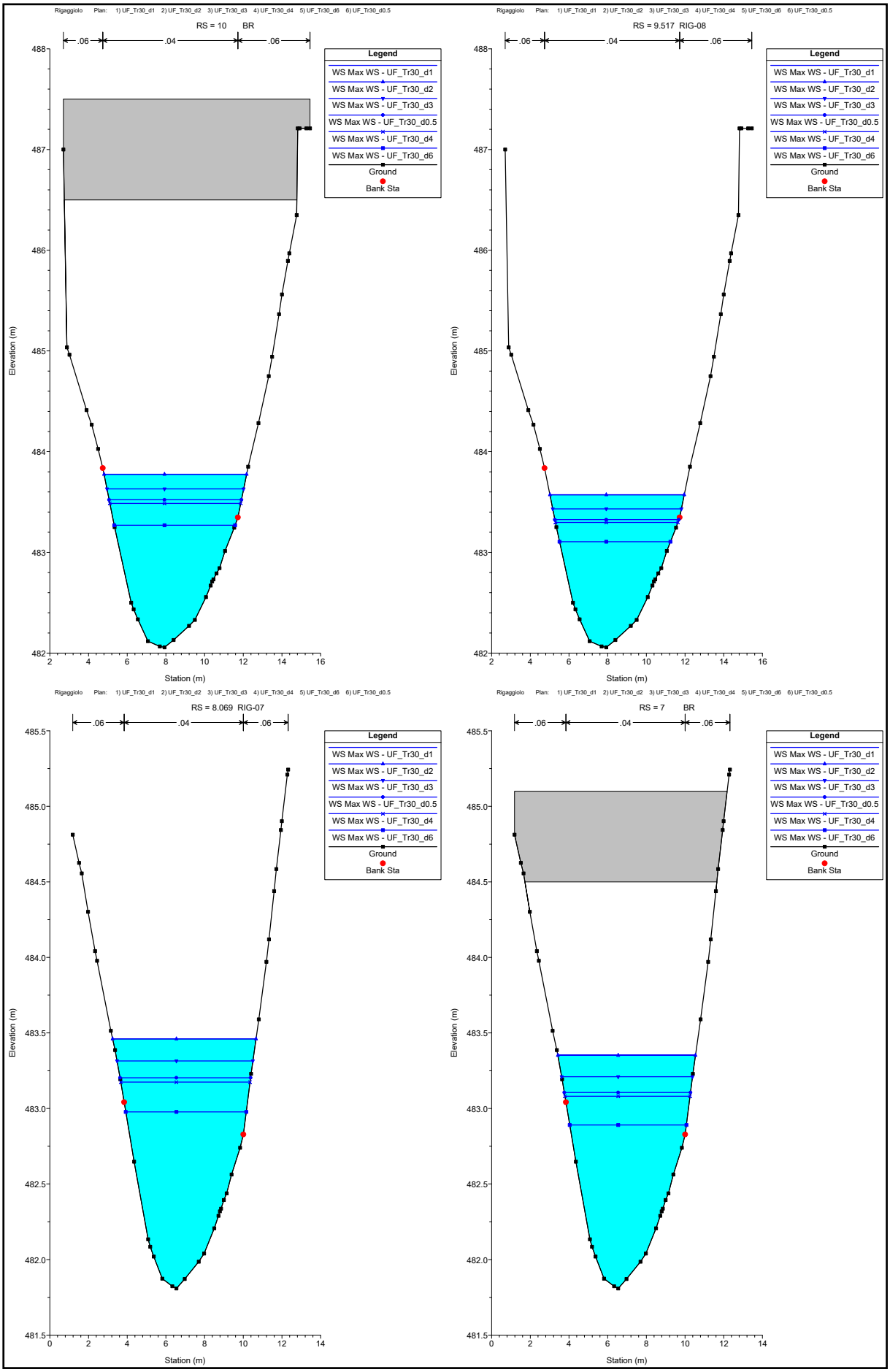
Sezioni Trasversali (da monte verso valle)

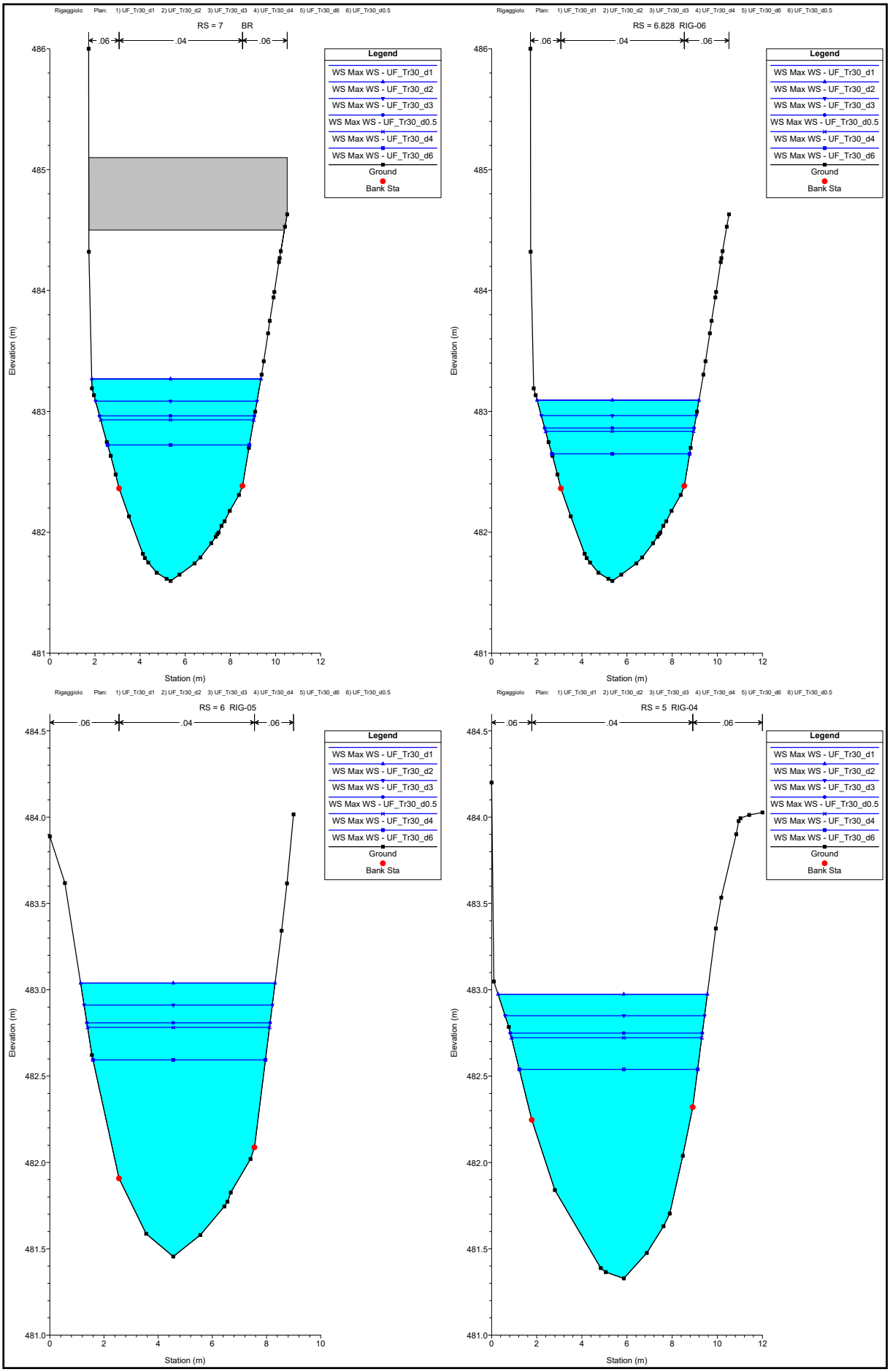

Rigaggiolo Plan: 1) UF_Tr30_d1 2) UF_Tr30_d2 3) UF_Tr30_d3 4) UF_Tr30_d4 5) UF_Tr30_d6 6) UF_Tr30_d0.5
RS = 20 RIG-21
.06
.04
.06
Legend
WS Max WS - UF_Tr30_d1
WS Max WS - UF_Tr30_d2
WS Max WS - UF_Tr30_d3
WS Max WS - UF_Tr30_d0.5
WS Max WS - UF_Tr30_d4
WS Max WS - UF_Tr30_d6
Ground
Bank Sta
Elevation (m)
Station (m)
RS = 19.2 RIG-20
RS = 18.3 RIG-19
RS = 18.1 IS

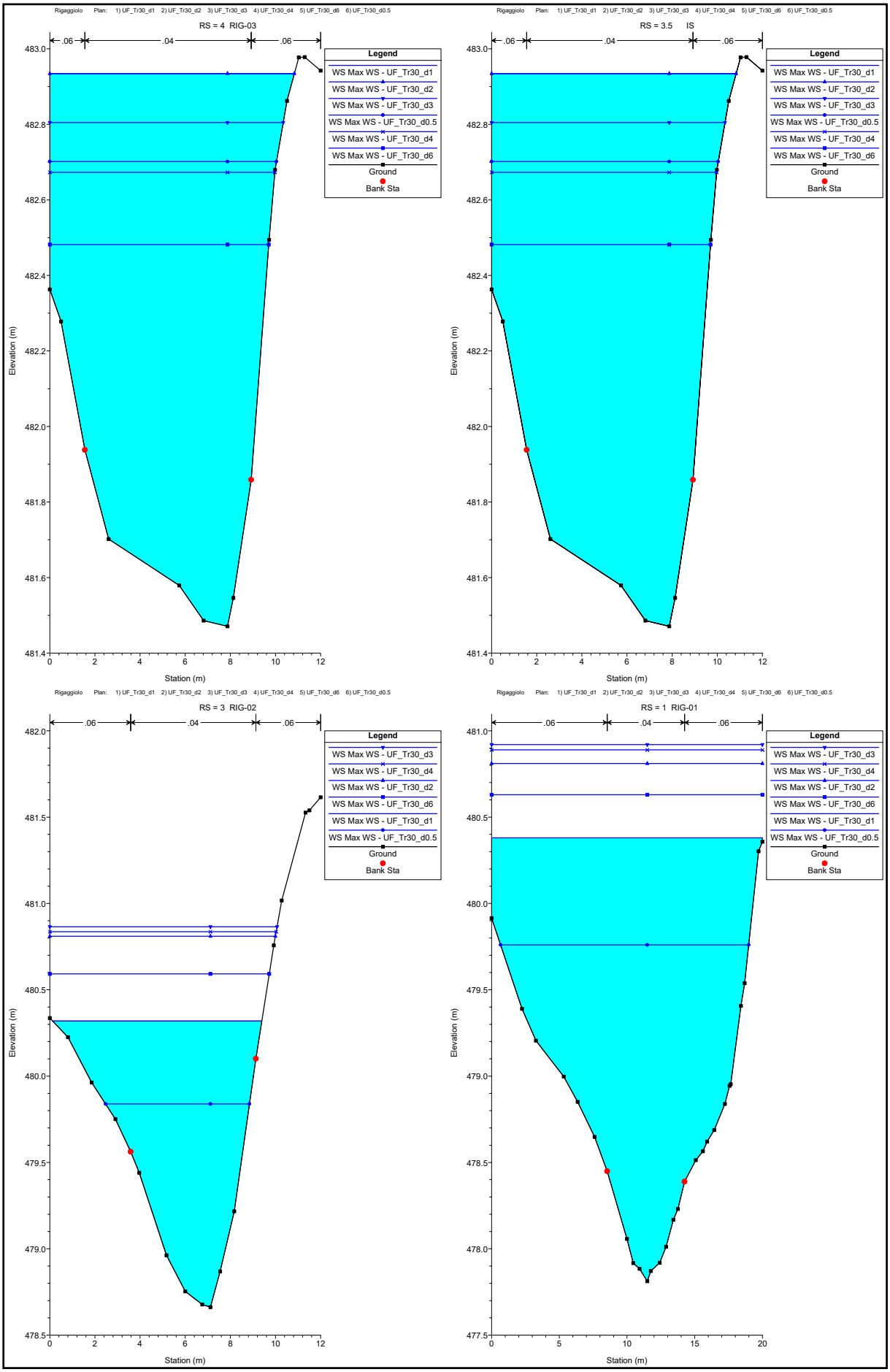

Rigaggiolo Plan: 1) UF_Tr30_d1 2) UF_Tr30_d2 3) UF_Tr30_d3 4) UF_Tr30_d4 5) UF_Tr30_d6 6) UF_Tr30_d0.5
RS = 18 RIG-18
.06
.04
.06
Legend
WS Max WS - UF_Tr30_d1
WS Max WS - UF_Tr30_d2
WS Max WS - UF_Tr30_d3
WS Max WS - UF_Tr30_d0.5
WS Max WS - UF_Tr30_d4
WS Max WS - UF_Tr30_d6
Ground
Bank Sta
Elevation (m)
Station (m)
RS = 17 RIG-17
RS = 16 RIG-16
RS = 15 RIG-15


Rigaggiolo Plan: 1) UF_Tr30_d1 2) UF_Tr30_d2 3) UF_Tr30_d3 4) UF_Tr30_d4 5) UF_Tr30_d6 6) UF_Tr30_d0.5
RS = 14.8 RIG-14
.06
.04
.06
Legend
WS Max WS - UF_Tr30_d1
WS Max WS - UF_Tr30_d2
WS Max WS - UF_Tr30_d3
WS Max WS - UF_Tr30_d0.5
WS Max WS - UF_Tr30_d4
WS Max WS - UF_Tr30_d6
Ground
Bank Sta
Elevation (m)
Station (m)
Rigaggiolo Plan: 1) UF_Tr30_d1 2) UF_Tr30_d2 3) UF_Tr30_d3 4) UF_Tr30_d4 5) UF_Tr30_d6 6) UF_Tr30_d0.5
RS = 14.5 IS
.06
.04
.06
Legend
WS Max WS - UF_Tr30_d1
WS Max WS - UF_Tr30_d2
WS Max WS - UF_Tr30_d3
WS Max WS - UF_Tr30_d0.5
WS Max WS - UF_Tr30_d4
WS Max WS - UF_Tr30_d6
Ground
Bank Sta
Elevation (m)
Station (m)
Rigaggiolo Plan: 1) UF_Tr30_d1 2) UF_Tr30_d2 3) UF_Tr30_d3 4) UF_Tr30_d4 5) UF_Tr30_d6 6) UF_Tr30_d0.5
RS = 14.2 RIG-13
.06
.04
.06
Legend
WS Max WS - UF_Tr30_d1
WS Max WS - UF_Tr30_d2
WS Max WS - UF_Tr30_d3
WS Max WS - UF_Tr30_d0.5
WS Max WS - UF_Tr30_d4
WS Max WS - UF_Tr30_d6
Ground
Bank Sta
Elevation (m)
Station (m)
Rigaggiolo Plan: 1) UF_Tr30_d1 2) UF_Tr30_d2 3) UF_Tr30_d3 4) UF_Tr30_d4 5) UF_Tr30_d6 6) UF_Tr30_d0.5
RS = 14 RIG-12
.06
.04
.06
Legend
WS Max WS - UF_Tr30_d1
WS Max WS - UF_Tr30_d2
WS Max WS - UF_Tr30_d3
WS Max WS - UF_Tr30_d0.5
WS Max WS - UF_Tr30_d4
WS Max WS - UF_Tr30_d6
Ground
Bank Sta
Elevation (m)
Station (m)


Rigaggiolo Plan: 1) UF_Tr30_d1 2) UF_Tr30_d2 3) UF_Tr30_d3 4) UF_Tr30_d4 5) UF_Tr30_d6 6) UF_Tr30_d0.5
RS = 13 RIG-11
.06
.04
.06
Legend
WS Max WS - UF_Tr30_d1
WS Max WS - UF_Tr30_d2
WS Max WS - UF_Tr30_d3
WS Max WS - UF_Tr30_d0.5
WS Max WS - UF_Tr30_d4
WS Max WS - UF_Tr30_d6
Ground
Bank Sta
Elevation (m)
Station (m)
Rigaggiolo Plan: 1) UF_Tr30_d1 2) UF_Tr30_d2 3) UF_Tr30_d3 4) UF_Tr30_d4 5) UF_Tr30_d6 6) UF_Tr30_d0.5
RS = 12 RIG-10
.06
.04
.06
Legend
WS Max WS - UF_Tr30_d1
WS Max WS - UF_Tr30_d2
WS Max WS - UF_Tr30_d3
WS Max WS - UF_Tr30_d0.5
WS Max WS - UF_Tr30_d4
WS Max WS - UF_Tr30_d6
Ground
Bank Sta
Elevation (m)
Station (m)
Rigaggiolo Plan: 1) UF_Tr30_d1 2) UF_Tr30_d2 3) UF_Tr30_d3 4) UF_Tr30_d4 5) UF_Tr30_d6 6) UF_Tr30_d0.5
RS = 11.379 RIG-09
.06
.04
.06
Legend
WS Max WS - UF_Tr30_d1
WS Max WS - UF_Tr30_d2
WS Max WS - UF_Tr30_d3
WS Max WS - UF_Tr30_d0.5
WS Max WS - UF_Tr30_d4
WS Max WS - UF_Tr30_d6
Ground
Bank Sta
Elevation (m)
Station (m)
Rigaggiolo Plan: 1) UF_Tr30_d1 2) UF_Tr30_d2 3) UF_Tr30_d3 4) UF_Tr30_d4 5) UF_Tr30_d6 6) UF_Tr30_d0.5
RS = 10 BR
.06
.04
.06
Legend
WS Max WS - UF_Tr30_d2
WS Max WS - UF_Tr30_d1
WS Max WS - UF_Tr30_d3
WS Max WS - UF_Tr30_d0.5
WS Max WS - UF_Tr30_d4
WS Max WS - UF_Tr30_d6
Ground
Bank Sta
Elevation (m)
Station (m)


Rigaggiolo Plan: 1) UF_Tr30_d1 2) UF_Tr30_d2 3) UF_Tr30_d3 4) UF_Tr30_d4 5) UF_Tr30_d6 6) UF_Tr30_d0.5
RS = 10 BR
.06
.04
.06
Legend
WS Max WS - UF_Tr30_d1
WS Max WS - UF_Tr30_d2
WS Max WS - UF_Tr30_d3
WS Max WS - UF_Tr30_d0.5
WS Max WS - UF_Tr30_d4
WS Max WS - UF_Tr30_d6
Ground
Bank Sta
Elevation (m)
Station (m)
Rigaggiolo Plan: 1) UF_Tr30_d1 2) UF_Tr30_d2 3) UF_Tr30_d3 4) UF_Tr30_d4 5) UF_Tr30_d6 6) UF_Tr30_d0.5
RS = 9.517 RIG-08
.06
.04
.06
Legend
WS Max WS - UF_Tr30_d1
WS Max WS - UF_Tr30_d2
WS Max WS - UF_Tr30_d3
WS Max WS - UF_Tr30_d0.5
WS Max WS - UF_Tr30_d4
WS Max WS - UF_Tr30_d6
Ground
Bank Sta
Elevation (m)
Station (m)
Rigaggiolo Plan: 1) UF_Tr30_d1 2) UF_Tr30_d2 3) UF_Tr30_d3 4) UF_Tr30_d4 5) UF_Tr30_d6 6) UF_Tr30_d0.5
RS = 8.069 RIG-07
.06
.04
.06
Legend
WS Max WS - UF_Tr30_d1
WS Max WS - UF_Tr30_d2
WS Max WS - UF_Tr30_d3
WS Max WS - UF_Tr30_d0.5
WS Max WS - UF_Tr30_d4
WS Max WS - UF_Tr30_d6
Ground
Bank Sta
Elevation (m)
Station (m)
Rigaggiolo Plan: 1) UF_Tr30_d1 2) UF_Tr30_d2 3) UF_Tr30_d3 4) UF_Tr30_d4 5) UF_Tr30_d6 6) UF_Tr30_d0.5
RS = 7 BR
.06
.04
.06
Legend
WS Max WS - UF_Tr30_d1
WS Max WS - UF_Tr30_d2
WS Max WS - UF_Tr30_d3
WS Max WS - UF_Tr30_d0.5
WS Max WS - UF_Tr30_d4
WS Max WS - UF_Tr30_d6
Ground
Bank Sta
Elevation (m)
Station (m)


Rigaggiolo Plan: 1) UF_Tr30_d1 2) UF_Tr30_d2 3) UF_Tr30_d3 4) UF_Tr30_d4 5) UF_Tr30_d6 6) UF_Tr30_d0.5
RS = 7 BR
.06
.04
.06
Legend
WS Max WS - UF_Tr30_d1
WS Max WS - UF_Tr30_d2
WS Max WS - UF_Tr30_d3
WS Max WS - UF_Tr30_d0.5
WS Max WS - UF_Tr30_d4
WS Max WS - UF_Tr30_d6
Ground
Bank Sta
Elevation (m)
Station (m)
Rigaggiolo Plan: 1) UF_Tr30_d1 2) UF_Tr30_d2 3) UF_Tr30_d3 4) UF_Tr30_d4 5) UF_Tr30_d6 6) UF_Tr30_d0.5
RS = 6.828 RIG-06
.06
.04
.06
Legend
WS Max WS - UF_Tr30_d1
WS Max WS - UF_Tr30_d2
WS Max WS - UF_Tr30_d3
WS Max WS - UF_Tr30_d0.5
WS Max WS - UF_Tr30_d4
WS Max WS - UF_Tr30_d6
Ground
Bank Sta
Elevation (m)
Station (m)
Rigaggiolo Plan: 1) UF_Tr30_d1 2) UF_Tr30_d2 3) UF_Tr30_d3 4) UF_Tr30_d4 5) UF_Tr30_d6 6) UF_Tr30_d0.5
RS = 6 RIG-05
.06
.04
.06
Legend
WS Max WS - UF_Tr30_d1
WS Max WS - UF_Tr30_d2
WS Max WS - UF_Tr30_d3
WS Max WS - UF_Tr30_d0.5
WS Max WS - UF_Tr30_d4
WS Max WS - UF_Tr30_d6
Ground
Bank Sta
Elevation (m)
Station (m)
Rigaggiolo Plan: 1) UF_Tr30_d1 2) UF_Tr30_d2 3) UF_Tr30_d3 4) UF_Tr30_d4 5) UF_Tr30_d6 6) UF_Tr30_d0.5
RS = 5 RIG-04
.06
.04
.06
Legend
WS Max WS - UF_Tr30_d1
WS Max WS - UF_Tr30_d2
WS Max WS - UF_Tr30_d3
WS Max WS - UF_Tr30_d0.5
WS Max WS - UF_Tr30_d4
WS Max WS - UF_Tr30_d6
Ground
Bank Sta
Elevation (m)
Station (m)


Rigaggiolo Plan: 1) UF_Tr30_d1 2) UF_Tr30_d2 3) UF_Tr30_d3 4) UF_Tr30_d4 5) UF_Tr30_d6 6) UF_Tr30_d0.5
RS = 4 RIG-03
.06
.04
.06
Legend
WS Max WS - UF_Tr30_d1
WS Max WS - UF_Tr30_d2
WS Max WS - UF_Tr30_d3
WS Max WS - UF_Tr30_d0.5
WS Max WS - UF_Tr30_d4
WS Max WS - UF_Tr30_d6
Ground
Bank Sta
Elevation (m)
Station (m)
Rigaggiolo Plan: 1) UF_Tr30_d1 2) UF_Tr30_d2 3) UF_Tr30_d3 4) UF_Tr30_d4 5) UF_Tr30_d6 6) UF_Tr30_d0.5
RS = 3.5 IS
.06
.04
.06
Legend
WS Max WS - UF_Tr30_d1
WS Max WS - UF_Tr30_d2
WS Max WS - UF_Tr30_d3
WS Max WS - UF_Tr30_d0.5
WS Max WS - UF_Tr30_d4
WS Max WS - UF_Tr30_d6
Ground
Bank Sta
Elevation (m)
Station (m)
Rigaggiolo Plan: 1) UF_Tr30_d1 2) UF_Tr30_d2 3) UF_Tr30_d3 4) UF_Tr30_d4 5) UF_Tr30_d6 6) UF_Tr30_d0.5
RS = 3 RIG-02
.06
.04
.06
Legend
WS Max WS - UF_Tr30_d3
WS Max WS - UF_Tr30_d4
WS Max WS - UF_Tr30_d2
WS Max WS - UF_Tr30_d6
WS Max WS - UF_Tr30_d1
WS Max WS - UF_Tr30_d0.5
Ground
Bank Sta
Elevation (m)
Station (m)
Rigaggiolo Plan: 1) UF_Tr30_d1 2) UF_Tr30_d2 3) UF_Tr30_d3 4) UF_Tr30_d4 5) UF_Tr30_d6 6) UF_Tr30_d0.5
RS = 1 RIG-01
.06
.04
.06
Legend
WS Max WS - UF_Tr30_d3
WS Max WS - UF_Tr30_d4
WS Max WS - UF_Tr30_d2
WS Max WS - UF_Tr30_d6
WS Max WS - UF_Tr30_d1
WS Max WS - UF_Tr30_d0.5
Ground
Bank Sta
Elevation (m)
Station (m)

HEC-RAS River: River 1 Reach: Reach 1 Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Reach 1	20	Max WS	UF_Tr200_d1	33.80	517.97	519.40	519.89	520.99	0.047930	5.62	1.44	0.96	6.26	6.45	1.69
Reach 1	20	Max WS	UF_Tr200_d2	32.70	517.97	519.38	519.86	520.93	0.047761	5.55	1.41	0.92	6.13	6.40	1.68
Reach 1	20	Max WS	UF_Tr200_d0.5	26.00	517.97	519.24	519.63	520.54	0.047964	5.08	1.18	0.67	5.25	6.08	1.65
Reach 1	20	Max WS	UF_Tr200_d3	25.70	517.97	519.23	519.62	520.52	0.047928	5.05	1.17	0.65	5.21	6.06	1.65
Reach 1	20	Max WS	UF_Tr200_d4	20.90	517.97	519.12	519.45	520.23	0.048570	4.68	0.97	0.40	4.53	5.80	1.62
Reach 1	20	Max WS	UF_Tr200_d6	15.40	517.97	518.97	519.23	519.86	0.049638	4.19	0.67		3.70	5.46	1.59
Reach 1	19.2	Max WS	UF_Tr200_d1	33.79	515.51	517.31	517.56	518.24	0.032764	4.26			7.94	7.73	1.34
Reach 1	19.2	Max WS	UF_Tr200_d2	32.69	515.51	517.29	517.53	518.20	0.032586	4.21			7.76	7.65	1.34
Reach 1	19.2	Max WS	UF_Tr200_d0.5	25.98	515.51	517.14	517.33	517.92	0.031410	3.91			6.64	7.14	1.29
Reach 1	19.2	Max WS	UF_Tr200_d3	25.70	515.51	517.13	517.32	517.91	0.031357	3.90			6.60	7.12	1.29
Reach 1	19.2	Max WS	UF_Tr200_d4	20.90	515.51	517.01	517.16	517.69	0.030330	3.64			5.74	6.71	1.26
Reach 1	19.2	Max WS	UF_Tr200_d6	15.40	515.51	516.84	516.95	517.40	0.029120	3.30			4.66	6.14	1.21
Reach 1	18.3	Max WS	UF_Tr200_d1	33.77	514.37	515.79	515.46	515.97	0.005478	1.83	0.25		18.45	18.68	0.58
Reach 1	18.3	Max WS	UF_Tr200_d2	32.67	514.37	515.77	515.44	515.94	0.005513	1.82	0.23		18.01	18.56	0.58
Reach 1	18.3	Max WS	UF_Tr200_d0.5	25.93	514.37	515.62	515.34	515.77	0.005792	1.70	0.06		15.27	17.80	0.58
Reach 1	18.3	Max WS	UF_Tr200_d3	25.70	514.37	515.62	515.33	515.76	0.005799	1.69	0.06		15.18	17.78	0.58
Reach 1	18.3	Max WS	UF_Tr200_d4	20.90	514.37	515.50	515.24	515.63	0.006001	1.60			13.10	17.20	0.58
Reach 1	18.3	Max WS	UF_Tr200_d6	15.40	514.37	515.34	515.13	515.45	0.006355	1.46			10.52	16.45	0.58
Reach 1	18.1			Inl Struct											
Reach 1	18	Max WS	UF_Tr200_d1	33.77	507.50	509.00	509.63	511.11	0.101344	6.43			5.25	6.53	2.29
Reach 1	18	Max WS	UF_Tr200_d2	32.67	507.50	508.98	509.60	511.06	0.101695	6.39			5.12	6.45	2.29
Reach 1	18	Max WS	UF_Tr200_d0.5	25.94	507.50	508.85	509.41	510.70	0.100905	6.01			4.32	5.94	2.25
Reach 1	18	Max WS	UF_Tr200_d3	25.70	507.50	508.85	509.40	510.68	0.100802	5.99			4.29	5.92	2.25
Reach 1	18	Max WS	UF_Tr200_d4	20.90	507.50	508.74	509.24	510.39	0.100743	5.69			3.67	5.47	2.22
Reach 1	18	Max WS	UF_Tr200_d6	15.40	507.50	508.60	509.03	510.01	0.100503	5.27			2.92	4.87	2.18
Reach 1	17	Max WS	UF_Tr200_d1	33.77	502.60	503.95	504.66	506.44	0.097828	7.00	1.24	1.01	4.90	5.82	2.31
Reach 1	17	Max WS	UF_Tr200_d2	32.67	502.60	503.93	504.63	506.36	0.098182	6.92	1.19	0.95	4.79	5.76	2.30
Reach 1	17	Max WS	UF_Tr200_d0.5	25.94	502.60	503.81	504.41	505.86	0.099702	6.34	0.80	0.49	4.11	5.42	2.27
Reach 1	17	Max WS	UF_Tr200_d3	25.70	502.60	503.80	504.40	505.84	0.099626	6.31	0.78	0.47	4.08	5.41	2.26
Reach 1	17	Max WS	UF_Tr200_d4	20.90	502.60	503.70	504.22	505.47	0.102443	5.89	0.35		3.55	5.12	2.25
Reach 1	17	Max WS	UF_Tr200_d6	15.40	502.60	503.56	503.99	505.04	0.102097	5.40			2.85	4.66	2.20
Reach 1	16	Max WS	UF_Tr200_d1	33.77	498.41	499.63	499.89	500.55	0.030946	4.56	1.64	1.99	9.16	11.52	1.41
Reach 1	16	Max WS	UF_Tr200_d2	32.67	498.41	499.61	499.87	500.51	0.030909	4.50	1.62	1.97	8.94	11.43	1.41
Reach 1	16	Max WS	UF_Tr200_d0.5	25.93	498.41	499.49	499.70	500.26	0.030835	4.14	1.45	1.78	7.58	10.84	1.38
Reach 1	16	Max WS	UF_Tr200_d3	25.70	498.41	499.48	499.70	500.25	0.030839	4.12	1.45	1.78	7.53	10.82	1.37
Reach 1	16	Max WS	UF_Tr200_d4	20.90	498.41	499.38	499.57	500.05	0.030895	3.83	1.31	1.62	6.49	10.35	1.35
Reach 1	16	Max WS	UF_Tr200_d6	15.40	498.41	499.26	499.41	499.81	0.030906	3.42	1.12	1.39	5.22	9.75	1.31
Reach 1	15	Max WS	UF_Tr200_d1	33.77	497.02	497.97	498.40	499.15	0.047480	4.88	1.34	1.48	7.37	10.16	1.68
Reach 1	15	Max WS	UF_Tr200_d2	32.66	497.02	497.95	498.37	499.11	0.047982	4.84	1.31	1.45	7.17	10.08	1.68
Reach 1	15	Max WS	UF_Tr200_d0.5	25.92	497.02	497.82	498.14	498.85	0.051755	4.53	1.14	1.26	5.98	9.55	1.70
Reach 1	15	Max WS	UF_Tr200_d3	25.70	497.02	497.82	498.13	498.84	0.051816	4.52	1.13	1.25	5.94	9.54	1.70
Reach 1	15	Max WS	UF_Tr200_d4	20.90	497.02	497.73	498.00	498.63	0.054475	4.23	0.97	1.08	5.09	9.14	1.71
Reach 1	15	Max WS	UF_Tr200_d6	15.40	497.02	497.62	497.84	498.35	0.056168	3.79	0.72	0.83	4.13	8.66	1.68
Reach 1	14.8	Max WS	UF_Tr200_d1	33.76	495.42	497.35	496.99	497.63	0.005811	2.37	0.37	0.65	15.82	15.46	0.62
Reach 1	14.8	Max WS	UF_Tr200_d2	32.65	495.42	497.33	496.96	497.60	0.005807	2.34	0.35	0.62	15.41	15.29	0.62
Reach 1	14.8	Max WS	UF_Tr200_d0.5	25.90	495.42	497.14	496.78	497.38	0.005930	2.16	0.20	0.49	12.74	13.49	0.61
Reach 1	14.8	Max WS	UF_Tr200_d3	25.70	495.42	497.14	496.78	497.37	0.005931	2.16	0.19	0.49	12.66	13.42	0.61
Reach 1	14.8	Max WS	UF_Tr200_d4	20.90	495.42	496.98	496.65	497.19	0.006033	2.01		0.43	10.78	11.56	0.60
Reach 1	14.8	Max WS	UF_Tr200_d6	15.40	495.42	496.78	496.48	496.95	0.006124	1.81		0.31	8.60	9.92	0.59
Reach 1	14.5			Inl Struct											
Reach 1	14.2	Max WS	UF_Tr200_d1	33.76	487.24	489.17	489.50	490.35	0.038063	4.82			7.00	5.76	1.40
Reach 1	14.2	Max WS	UF_Tr200_d2	32.66	487.24	489.14	489.47	490.30	0.037573	4.76			6.87	5.72	1.39
Reach 1	14.2	Max WS	UF_Tr200_d0.5	25.91	487.24	488.99	489.23	489.93	0.033609	4.29			6.04	5.45	1.30
Reach 1	14.2	Max WS	UF_Tr200_d3	25.70	487.24	488.99	489.22	489.92	0.033511	4.28			6.01	5.44	1.30
Reach 1	14.2	Max WS	UF_Tr200_d4	20.90	487.24	488.86	489.03	489.64	0.030482	3.92			5.34	5.18	1.23
Reach 1	14.2	Max WS	UF_Tr200_d6	15.40	487.24	488.69	488.78	489.29	0.026388	3.43			4.49	4.81	1.13
Reach 1	14	Max WS	UF_Tr200_d1	33.76	486.83	488.19	488.73	490.01	0.077311	5.98	0.83		5.66	6.78	2.05
Reach 1	14	Max WS	UF_Tr200_d2	32.65	486.83	488.16	488.70	489.96	0.077851	5.93	0.76		5.52	6.71	2.05
Reach 1	14	Max WS	UF_Tr200_d0.5	25.91	486.83	488.04	488.51	489.59	0.079200	5.52	0.26		4.69	6.27	2.03
Reach 1	14	Max WS	UF_Tr200_d3	25.69	486.83	488.03	488.50	489.58	0.079447	5.51	0.23		4.66	6.25	2.03
Reach 1	14	Max WS	UF_Tr200_d4	20.90	486.83	487.92	488.34	489.32	0.081157	5.23			3.99	5.86	2.03
Reach 1	14	Max WS	UF_Tr200_d6	15.40	486.83	487.78	488.15	488.97	0.082375	4.84			3.18	5.35	2.00
Reach 1	13	Max WS	UF_Tr200_d1	33.76	483.14	484.74	484.97	485.65	0.031151	4.24			7.96	7.60	1.32
Reach 1	13	Max WS	UF_Tr200_d2	32.65	483.14	484.71	484.95	485.62	0.031466	4.22			7.74	7.52	1.33
Reach 1	13	Max WS	UF_Tr200_d0.5	25.90	483.14	484.53	484.74	485.36	0.033500	4.04			6.42	7.05	1.35
Reach 1	13	Max WS	UF_Tr200_d3	25.69	483.14	484.52	484.74	485.35	0.033569	4.03			6.38	7.03	1.35
Reach 1	13	Max WS	UF_Tr200_d4	20.90	483.14	484.38	484.58	485.15	0.036140	3.89			5.38	6.68	1.38
Reach 1	13	Max WS	UF_Tr200_d6	15.40	483.14	484.19	484.38	484.88	0.040363	3.69			4.17	6.15	1.43
Reach 1	12	Max WS	UF_Tr200_d1	33.76	482.48	484.42	484.35	484.98	0.014920	3.34		0.34	10.13	7.93	0.93
Reach 1	12	Max WS	UF_Tr200_d2	32.65	482.48	484.39	484.32	484.94	0.015040	3.31		0.30	9.88	7.86	0.93
Reach 1	12	Max WS	UF_Tr200_d0.5	25.90	482.48	484.19		484.68	0.015600	3.10			8.35	7.43	0.93
Reach 1	12	Max WS	UF_Tr200_d3	25.69	482.48	484.18		484.67	0.015607	3.09			8.30	7.42	0.93
Reach 1	12	Max WS	UF_Tr200_d4	20.90	482.48	484.01		484.45	0.015764	2.94			7.12	6.98	0.93
Reach 1	12	Max WS	UF_Tr200_d6	15.40	482.48	483.79		484.17	0.016363	2.73			5.63	6.39	0.93
Reach 1	11.379	Max WS	UF_Tr200_d1	33.76	482.38	484.38	484.25	484.90	0.012780	3.20		0.49	10.59	8.01	0.87
Reach 1	11.379	Max WS	UF_Tr200_d2	32.65	482.38	484.34	484.22	484.86	0.012835	3.17		0.46	10.34	7.95	0.87
Reach 1	11.379	Max WS	UF_Tr200_d0.5	25.90	482.38	484.14	484.02	484.59	0.013150	2.95		0.25	8.79	7.55	0.87
Reach 1	11.379	Max WS	UF_Tr200_d3	25.69	482.38	484.14	484.02	484.58	0.013171	2.94		0.24	8.74	7.53	0.87
Reach 1	11.379	Max WS	UF_Tr200_d4	20.90	482.38	483.97	483.86	484.36	0.013636	2.78			7.52	7.17	0.87
Reach 1	11.379	Max WS	UF_Tr200_d6	15.40	482.38	483.75	483.64	484.08	0.013899	2.58			5.98	6.56	0.86
Reach 1	10			Bridge											
Reach 1	9.517	Max WS	UF_Tr200_d1	33.76	482.06	483.91	483.93	484.59	0.017226	3.65	0.20	0.75	9.38	7.67	1.02
Reach 1	9.517	Max WS	UF_Tr200_d2	32.65	482.06	483.88	483.90	484.54	0.017532	3.62	0.13	0.73	9.13	7.59	1.02
Reach 1	9.517	Max WS	UF_Tr200_d0.5	25.90	482.06	483.67	483.70	484.27	0.019077	3.44		0.55	7.58	7.14	1.04
Reach 1	9.517	Max WS	UF_Tr200_d3	25.69	482.06	483.66	483.69	484.26	0.019142	3.43		0.54	7.53	7.13	1.04
Reach 1	9.517	Max WS	UF_Tr200_d4	20.90	482.06	483.49	483.54	484.04	0.020696	3.27		0.34	6.39	6.78	1.07
Reach 1	9.517	Max WS	UF_Tr200_d6	15.40	482.06	483.29	483.34	483.76	0.022404	3.04			5.07	6.32	1.08
Reach 1	8.069	Max WS	UF_Tr200_d1	33.76	481.81	483.81	483.68	484.37	0.010633	3.34	0.78	0.85	10.79	8.34	0.84
Reach 1	8.069	Max WS	UF_Tr200_d2	32.65	481.81	483.78	483.65	484.33	0.010721	3.31	0.76	0.83	10.51	8.25	0.84
Reach 1	8.069	Max WS	UF_Tr200_d0.5	25.90	481.81	483.56	483.43	484.04	0.011322	3.08	0.61	0.72	8.77	7.68	0.85
Reach 1	8.069	Max WS	UF_Tr200_d3	25.69	481.81	483.55	483.43	484.03	0.011353	3.07	0.60	0.71	8.72	7.66	0.85
Reach 1	8.069	Max WS	UF_Tr200_d4	20.90	481.81	483.38	483.27	483.80	0.012019	2.88	0.48	0.61	7.43	7.19	0.85
Reach 1	8.069	Max WS	UF_Tr200_d6	15.40	481.81	483.17	483.07	483.51	0.012711	2.60	0.26	0.46	5.98	6.67	0.85

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MODELLAZIONE HEC-RAS 5.0.7 "RIGAGGIOLO"

RIGAGGIOLO

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 0.5, 1, 2, 3, 4 e 6 h

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HEC-RAS River: River 1 Reach: Reach 1 Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Reach 1	20	Max WS	UF_Tr30_d1	23.20	517.97	519.17	519.53	520.37	0.048209	4.86	1.07	0.53	4.86	5.93	1.63
Reach 1	20	Max WS	UF_Tr30_d2	23.20	517.97	519.17	519.53	520.37	0.048209	4.86	1.07	0.53	4.86	5.93	1.63
Reach 1	20	Max WS	UF_Tr30_d3	19.10	517.97	519.07	519.38	520.11	0.048635	4.51	0.89	0.27	4.28	5.70	1.61
Reach 1	20	Max WS	UF_Tr30_d4	15.50	517.97	518.97	519.23	519.87	0.049615	4.20	0.68		3.71	5.46	1.59
Reach 1	20	Max WS	UF_Tr30_d6	11.00	517.97	518.82	519.04	519.54	0.051059	3.75	0.28		2.93	5.12	1.57
Reach 1	20	Max WS	UF_Tr30_d0.5	16.30	517.97	518.99	519.27	519.92	0.049569	4.27	0.73		3.84	5.52	1.60
Reach 1	19.2	Max WS	UF_Tr30_d1	23.19	515.51	517.07	517.24	517.79	0.030747	3.76			6.16	6.91	1.27
Reach 1	19.2	Max WS	UF_Tr30_d2	23.19	515.51	517.07	517.24	517.79	0.030749	3.76			6.16	6.91	1.27
Reach 1	19.2	Max WS	UF_Tr30_d3	19.10	515.51	516.96	517.10	517.60	0.030005	3.54			5.39	6.53	1.24
Reach 1	19.2	Max WS	UF_Tr30_d4	15.50	515.51	516.85	516.96	517.40	0.029111	3.31			4.68	6.16	1.21
Reach 1	19.2	Max WS	UF_Tr30_d6	11.00	515.51	516.68	516.75	517.13	0.028122	2.97			3.70	5.62	1.17
Reach 1	19.2	Max WS	UF_Tr30_d0.5	16.28	515.51	516.87	516.99	517.45	0.029154	3.36			4.85	6.25	1.22
Reach 1	18.3	Max WS	UF_Tr30_d1	23.18	514.37	515.55	515.29	515.69	0.005910	1.64			14.10	17.48	0.58
Reach 1	18.3	Max WS	UF_Tr30_d2	23.18	514.37	515.55	515.29	515.69	0.005918	1.64			14.09	17.47	0.58
Reach 1	18.3	Max WS	UF_Tr30_d3	19.09	514.37	515.45	515.21	515.57	0.006098	1.56			12.28	16.96	0.58
Reach 1	18.3	Max WS	UF_Tr30_d4	15.50	514.37	515.35	515.14	515.46	0.006354	1.47			10.57	16.47	0.58
Reach 1	18.3	Max WS	UF_Tr30_d6	11.00	514.37	515.20	515.03	515.29	0.006860	1.33			8.25	15.77	0.59
Reach 1	18.3	Max WS	UF_Tr30_d0.5	16.26	514.37	515.37	515.15	515.48	0.006294	1.49			10.93	16.57	0.58
Reach 1	18.1			Inl Struct											
Reach 1	18	Max WS	UF_Tr30_d1	23.18	507.50	508.79	509.32	510.54	0.101655	5.86			3.96	5.68	2.24
Reach 1	18	Max WS	UF_Tr30_d2	23.18	507.50	508.79	509.32	510.54	0.101645	5.86			3.96	5.68	2.24
Reach 1	18	Max WS	UF_Tr30_d3	19.09	507.50	508.70	509.18	510.27	0.099969	5.55			3.44	5.30	2.20
Reach 1	18	Max WS	UF_Tr30_d4	15.50	507.50	508.60	509.04	510.02	0.100596	5.28			2.93	4.89	2.18
Reach 1	18	Max WS	UF_Tr30_d6	11.00	507.50	508.45	508.83	509.66	0.100497	4.86			2.26	4.27	2.13
Reach 1	18	Max WS	UF_Tr30_d0.5	16.26	507.50	508.62	509.07	510.08	0.100978	5.35			3.04	4.97	2.19
Reach 1	17	Max WS	UF_Tr30_d1	23.18	502.60	503.75	504.30	505.65	0.102160	6.11	0.58	0.15	3.80	5.26	2.27
Reach 1	17	Max WS	UF_Tr30_d2	23.18	502.60	503.75	504.30	505.65	0.102151	6.11	0.58	0.15	3.80	5.26	2.27
Reach 1	17	Max WS	UF_Tr30_d3	19.09	502.60	503.66	504.15	505.32	0.101973	5.71			3.35	5.00	2.23
Reach 1	17	Max WS	UF_Tr30_d4	15.50	502.60	503.56	504.00	505.05	0.102164	5.41			2.87	4.67	2.20
Reach 1	17	Max WS	UF_Tr30_d6	11.00	502.60	503.42	503.79	504.67	0.103973	4.95			2.22	4.22	2.18
Reach 1	17	Max WS	UF_Tr30_d0.5	16.26	502.60	503.58	504.03	505.12	0.102409	5.48			2.97	4.74	2.21
Reach 1	16	Max WS	UF_Tr30_d1	23.17	498.41	499.43	499.63	500.15	0.030893	3.97	1.38	1.70	6.99	10.58	1.36
Reach 1	16	Max WS	UF_Tr30_d2	23.18	498.41	499.43	499.63	500.15	0.030896	3.97	1.38	1.70	6.99	10.58	1.36
Reach 1	16	Max WS	UF_Tr30_d3	19.09	498.41	499.35	499.52	499.98	0.030774	3.70	1.25	1.55	6.09	10.17	1.34
Reach 1	16	Max WS	UF_Tr30_d4	15.50	498.41	499.26	499.41	499.81	0.030913	3.43	1.12	1.40	5.25	9.76	1.31
Reach 1	16	Max WS	UF_Tr30_d6	11.00	498.41	499.14	499.25	499.58	0.030602	3.01	0.93	1.15	4.13	9.13	1.27
Reach 1	16	Max WS	UF_Tr30_d0.5	16.26	498.41	499.28	499.43	499.85	0.030885	3.49	1.15	1.43	5.43	9.85	1.32
Reach 1	15	Max WS	UF_Tr30_d1	23.17	497.02	497.78	498.07	498.73	0.052651	4.36	1.05	1.17	5.52	9.34	1.70
Reach 1	15	Max WS	UF_Tr30_d2	23.17	497.02	497.78	498.07	498.73	0.052646	4.36	1.05	1.17	5.52	9.34	1.70
Reach 1	15	Max WS	UF_Tr30_d3	19.09	497.02	497.69	497.95	498.55	0.055395	4.10	0.89	1.01	4.77	8.98	1.70
Reach 1	15	Max WS	UF_Tr30_d4	15.50	497.02	497.62	497.84	498.36	0.056121	3.80	0.73	0.83	4.15	8.67	1.68
Reach 1	15	Max WS	UF_Tr30_d6	11.00	497.02	497.52	497.69	498.09	0.057607	3.34	0.44	0.54	3.31	8.24	1.64
Reach 1	15	Max WS	UF_Tr30_d0.5	16.25	497.02	497.64	497.87	498.40	0.056078	3.87	0.76	0.87	4.28	8.74	1.69
Reach 1	14.8	Max WS	UF_Tr30_d1	23.17	495.42	497.06	496.71	497.28	0.005996	2.08	0.10	0.46	11.66	12.39	0.61
Reach 1	14.8	Max WS	UF_Tr30_d2	23.16	495.42	497.06	496.71	497.28	0.005994	2.08	0.10	0.46	11.66	12.39	0.61
Reach 1	14.8	Max WS	UF_Tr30_d3	19.09	495.42	496.92	496.59	497.11	0.006021	1.94		0.39	10.08	11.03	0.60
Reach 1	14.8	Max WS	UF_Tr30_d4	15.50	495.42	496.79	496.49	496.95	0.006117	1.82		0.31	8.64	9.96	0.59
Reach 1	14.8	Max WS	UF_Tr30_d6	11.00	495.42	496.58	496.32	496.72	0.006603	1.64		0.09	6.70	8.85	0.60
Reach 1	14.8	Max WS	UF_Tr30_d0.5	16.24	495.42	496.82	496.51	496.99	0.006079	1.84		0.32	8.95	10.19	0.59
Reach 1	14.5			Inl Struct											
Reach 1	14.2	Max WS	UF_Tr30_d1	23.17	487.24	488.92	489.13	489.78	0.032036	4.09			5.66	5.31	1.27
Reach 1	14.2	Max WS	UF_Tr30_d2	23.17	487.24	488.92	489.13	489.78	0.032035	4.09			5.66	5.31	1.27
Reach 1	14.2	Max WS	UF_Tr30_d3	19.09	487.24	488.81	488.96	489.53	0.029213	3.77			5.07	5.06	1.20
Reach 1	14.2	Max WS	UF_Tr30_d4	15.50	487.24	488.70	488.79	489.30	0.026469	3.44			4.51	4.82	1.14
Reach 1	14.2	Max WS	UF_Tr30_d6	11.00	487.24	488.53	488.54	488.97	0.022308	2.95			3.73	4.48	1.03
Reach 1	14.2	Max WS	UF_Tr30_d0.5	16.24	487.24	488.72	488.83	489.35	0.027079	3.51			4.63	4.87	1.15
Reach 1	14	Max WS	UF_Tr30_d1	23.17	486.83	487.97	488.42	489.45	0.081269	5.39			4.30	6.05	2.04
Reach 1	14	Max WS	UF_Tr30_d2	23.17	486.83	487.97	488.42	489.45	0.081268	5.39			4.30	6.05	2.04
Reach 1	14	Max WS	UF_Tr30_d3	19.09	486.83	487.88	488.28	489.20	0.080706	5.10			3.75	5.71	2.01
Reach 1	14	Max WS	UF_Tr30_d4	15.50	486.83	487.78	488.15	488.98	0.082383	4.85			3.20	5.36	2.00
Reach 1	14	Max WS	UF_Tr30_d6	11.00	486.83	487.64	487.95	488.64	0.084347	4.44			2.48	4.86	1.98
Reach 1	14	Max WS	UF_Tr30_d0.5	16.24	486.83	487.80	488.18	489.03	0.082498	4.91			3.31	5.43	2.01
Reach 1	13	Max WS	UF_Tr30_d1	23.16	483.14	484.45	484.66	485.24	0.034792	3.95			5.86	6.86	1.37
Reach 1	13	Max WS	UF_Tr30_d2	23.16	483.14	484.45	484.66	485.24	0.034791	3.95			5.86	6.86	1.37
Reach 1	13	Max WS	UF_Tr30_d3	19.09	483.14	484.32	484.52	485.06	0.037410	3.83			4.98	6.51	1.40
Reach 1	13	Max WS	UF_Tr30_d4	15.50	483.14	484.19	484.39	484.89	0.040213	3.69			4.19	6.16	1.43
Reach 1	13	Max WS	UF_Tr30_d6	11.00	483.14	484.02	484.19	484.63	0.045392	3.47			3.17	5.66	1.48
Reach 1	13	Max WS	UF_Tr30_d0.5	16.24	483.14	484.22	484.41	484.93	0.039631	3.73			4.36	6.23	1.42
Reach 1	12	Max WS	UF_Tr30_d1	23.16	482.48	484.10		484.56	0.015615	3.01			7.70	7.20	0.93
Reach 1	12	Max WS	UF_Tr30_d2	23.16	482.48	484.10		484.56	0.015614	3.01			7.70	7.20	0.93
Reach 1	12	Max WS	UF_Tr30_d3	19.09	482.48	483.94		484.37	0.015934	2.88			6.64	6.80	0.93
Reach 1	12	Max WS	UF_Tr30_d4	15.50	482.48	483.80		484.18	0.016355	2.74			5.66	6.41	0.93
Reach 1	12	Max WS	UF_Tr30_d6	11.00	482.48	483.58	483.55	483.91	0.017514	2.53			4.35	5.93	0.94
Reach 1	12	Max WS	UF_Tr30_d0.5	16.24	482.48	483.83		484.22	0.016256	2.77			5.87	6.49	0.93
Reach 1	11.379	Max WS	UF_Tr30_d1	23.16	482.38	484.05	483.93	484.47	0.013406	2.85		0.11	8.12	7.37	0.87
Reach 1	11.379	Max WS	UF_Tr30_d2	23.16	482.38	484.05	483.94	484.47	0.013406	2.85		0.11	8.12	7.37	0.87
Reach 1	11.379	Max WS	UF_Tr30_d3	19.09	482.38	483.90	483.80	484.28	0.013713	2.72			7.02	6.98	0.87
Reach 1	11.379	Max WS	UF_Tr30_d4	15.50	482.38	483.75	483.65	484.09	0.013899	2.58			6.01	6.57	0.86
Reach 1	11.379	Max WS	UF_Tr30_d6	11.00	482.38	483.54	483.45	483.82	0.014252	2.36			4.66	6.01	0.86
Reach 1	11.379	Max WS	UF_Tr30_d0.5	16.24	482.38	483.78	483.68	484.13	0.013856	2.61			6.22	6.66	0.86
Reach 1	10			Bridge											
Reach 1	9.517	Max WS	UF_Tr30_d1	23.16	482.06	483.57	483.61	484.15	0.019980	3.36		0.44	6.93	6.95	1.06
Reach 1	9.517	Max WS	UF_Tr30_d2	23.16	482.06	483.57	483.61	484.15	0.019980	3.36		0.44	6.93	6.95	1.06
Reach 1	9.517	Max WS	UF_Tr30_d3	19.09	482.06	483.43	483.48	483.95	0.021242	3.20		0.24	5.97	6.65	1.07
Reach 1	9.517	Max WS	UF_Tr30_d4	15.50	482.06	483.30	483.34	483.77	0.022408	3.04			5.10	6.33	1.08
Reach 1	9.517	Max WS	UF_Tr30_d6	11.00	482.06	483.11	483.14	483.50	0.022984	2.79			3.94	5.73	1.07
Reach 1	9.517	Max WS	UF_Tr30_d0.5	16.24	482.06	483.33	483.37	483.81	0.022329	3.08			5.28	6.41	1.08
Reach 1	8.069	Max WS	UF_Tr30_d1	23.16	481.81	483.46	483.34	483.91	0.011748	2.98	0.54	0.66	8.03	7.41	0.85
Reach 1	8.069	Max WS	UF_Tr30_d2	23.16	481.81	483.46	483.34	483.91	0.011748	2.98	0.54	0.66	8.03	7.41	0.85
Reach 1	8.069	Max WS	UF_Tr30_d3	19.09	481.81	483.31	483.21	483.71	0.012192	2.79	0.41	0.56	6.97	7.02	0.85
Reach 1	8.069	Max WS	UF_Tr30_d4	15.50	481.81	483.17	483.07	483.52	0.012713	2.61	0.26	0.46	6.01	6.68	0.85
Reach 1	8.069	Max WS	UF_Tr30_d6	11.00	481.81	482.98	482.88	483.25	0.013461	2.33		0.27	4.74	6.23	0.84
Reach 1	8.069	Max WS	UF_Tr30_d0.5	16.24	481.81	483.20	483.10	483.56	0.012622	2.65	0.30	0.49	6.20	6.75	0.85

HEC-RAS River: River 1 Reach: Reach 1 Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Reach 1	7			Bridge											
Reach 1	6.828	Max WS	UF_Tr30_d1	23.16	481.60	483.09	483.12	483.68	0.015774	3.44	0.93	0.80	7.19	7.18	1.00
Reach 1	6.828	Max WS	UF_Tr30_d2	23.16	481.60	483.09	483.12	483.68	0.015774	3.44	0.93	0.80	7.19	7.18	1.00
Reach 1	6.828	Max WS	UF_Tr30_d3	19.09	481.60	482.96	482.97	483.48	0.015814	3.20	0.82	0.70	6.28	6.87	0.98
Reach 1	6.828	Max WS	UF_Tr30_d4	15.50	481.60	482.84	482.83	483.28	0.016182	2.97	0.70	0.60	5.42	6.56	0.97
Reach 1	6.828	Max WS	UF_Tr30_d6	11.00	481.60	482.65	482.64	483.00	0.017220	2.64	0.52	0.43	4.23	6.10	0.97
Reach 1	6.828	Max WS	UF_Tr30_d0.5	16.23	481.60	482.86	482.86	483.32	0.016127	3.02	0.73	0.62	5.59	6.62	0.98
Reach 1	6	Max WS	UF_Tr30_d1	23.16	481.46	483.04	482.95	483.54	0.011416	3.22	1.08	0.79	8.03	7.18	0.88
Reach 1	6	Max WS	UF_Tr30_d2	23.16	481.46	483.04	482.95	483.54	0.011416	3.22	1.08	0.79	8.03	7.18	0.88
Reach 1	6	Max WS	UF_Tr30_d3	19.09	481.46	482.91		483.34	0.010925	2.95	0.98	0.70	7.13	6.95	0.85
Reach 1	6	Max WS	UF_Tr30_d4	15.50	481.46	482.78		483.14	0.010585	2.70	0.87	0.62	6.25	6.72	0.82
Reach 1	6	Max WS	UF_Tr30_d6	11.00	481.46	482.59		482.87	0.010170	2.34	0.72	0.49	5.02	6.37	0.78
Reach 1	6	Max WS	UF_Tr30_d0.5	16.23	481.46	482.81		483.18	0.010683	2.76	0.90	0.64	6.43	6.77	0.83
Reach 1	5.99			Lat Struct											
Reach 1	5.98			Lat Struct											
Reach 1	5	Max WS	UF_Tr30_d1	23.16	481.33	482.97		483.27	0.006931	2.42	0.63	0.52	10.11	9.27	0.67
Reach 1	5	Max WS	UF_Tr30_d2	23.16	481.33	482.97		483.27	0.006931	2.42	0.63	0.52	10.11	9.27	0.67
Reach 1	5	Max WS	UF_Tr30_d3	19.09	481.33	482.85		483.10	0.006641	2.22	0.55	0.44	8.97	8.84	0.65
Reach 1	5	Max WS	UF_Tr30_d4	15.50	481.33	482.72		482.93	0.006443	2.03	0.47	0.36	7.88	8.43	0.63
Reach 1	5	Max WS	UF_Tr30_d6	11.00	481.33	482.54		482.69	0.006162	1.75	0.34	0.24	6.38	7.90	0.59
Reach 1	5	Max WS	UF_Tr30_d0.5	16.23	481.33	482.75		482.97	0.006503	2.07	0.49	0.38	8.10	8.51	0.63
Reach 1	4	Max WS	UF_Tr30_d1	22.46	481.47	482.93	482.60	483.16	0.005451	2.18	0.81	0.62	11.59	10.84	0.61
Reach 1	4	Max WS	UF_Tr30_d2	22.45	481.47	482.93	482.60	483.16	0.005450	2.18	0.81	0.62	11.59	10.84	0.61
Reach 1	4	Max WS	UF_Tr30_d3	18.72	481.47	482.80	482.50	483.01	0.005445	2.04	0.75	0.59	10.22	10.34	0.60
Reach 1	4	Max WS	UF_Tr30_d4	15.35	481.47	482.67	482.40	482.85	0.005531	1.90	0.67	0.57	8.88	9.97	0.59
Reach 1	4	Max WS	UF_Tr30_d6	10.99	481.47	482.48	482.24	482.62	0.005752	1.69	0.53	0.49	7.00	9.70	0.58
Reach 1	4	Max WS	UF_Tr30_d0.5	16.04	481.47	482.70	482.42	482.88	0.005504	1.93	0.69	0.58	9.17	10.04	0.59
Reach 1	3.5			Inl Struct											
Reach 1	3	Max WS	UF_Tr30_d1	9.77	478.66	480.32		480.41	0.002632	1.37	0.42	0.16	8.01	9.27	0.39
Reach 1	3	Max WS	UF_Tr30_d2	2.15	478.66	480.81		480.81	0.000036	0.20	0.08	0.04	12.77	9.99	0.05
Reach 1	3	Max WS	UF_Tr30_d3	15.13	478.66	480.86		480.95	0.001586	1.36	0.55	0.29	13.31	10.07	0.33
Reach 1	3	Max WS	UF_Tr30_d4	14.57	478.66	480.84		480.92	0.001561	1.33	0.54	0.28	13.03	10.03	0.32
Reach 1	3	Max WS	UF_Tr30_d6	10.47	478.66	480.59		480.65	0.001420	1.15	0.42	0.21	10.62	9.72	0.30
Reach 1	3	Max WS	UF_Tr30_d0.5	15.32	478.66	479.84	480.03	480.52	0.033380	3.66	0.76		4.29	6.37	1.32
Reach 1	1	Max WS	UF_Tr30_d1	10.95	477.81	480.38	478.80	480.39	0.000145	0.52	0.22	0.23	31.42	20.00	0.11
Reach 1	1	Max WS	UF_Tr30_d2	-1.25	477.81	480.81	478.18	480.81	0.000001	-0.05	-0.02	-0.02	40.02	20.00	0.01
Reach 1	1	Max WS	UF_Tr30_d3	12.55	477.81	480.92	478.87	480.93	0.000081	0.45	0.20	0.20	42.22	20.00	0.08
Reach 1	1	Max WS	UF_Tr30_d4	10.69	477.81	480.89	478.79	480.90	0.000062	0.39	0.18	0.18	41.62	20.00	0.07
Reach 1	1	Max WS	UF_Tr30_d6	8.94	477.81	480.63	478.71	480.63	0.000063	0.37	0.16	0.17	36.42	20.00	0.07
Reach 1	1	Max WS	UF_Tr30_d0.5	8.42	477.81	479.76	478.69	479.78	0.000316	0.62	0.23	0.27	19.43	18.32	0.15

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "STAGGIA_CERRETA_APP"

FOSSO DI CERRETA

MODELLAZIONE PER TR=30 e 200 ANNI

DURATA DI PIOGGIA: 0.5, 1, 2, 3, 4 e 6 h

Profilo longitudinale

Sezioni Trasversali

Dati idraulici

ALLEGATI

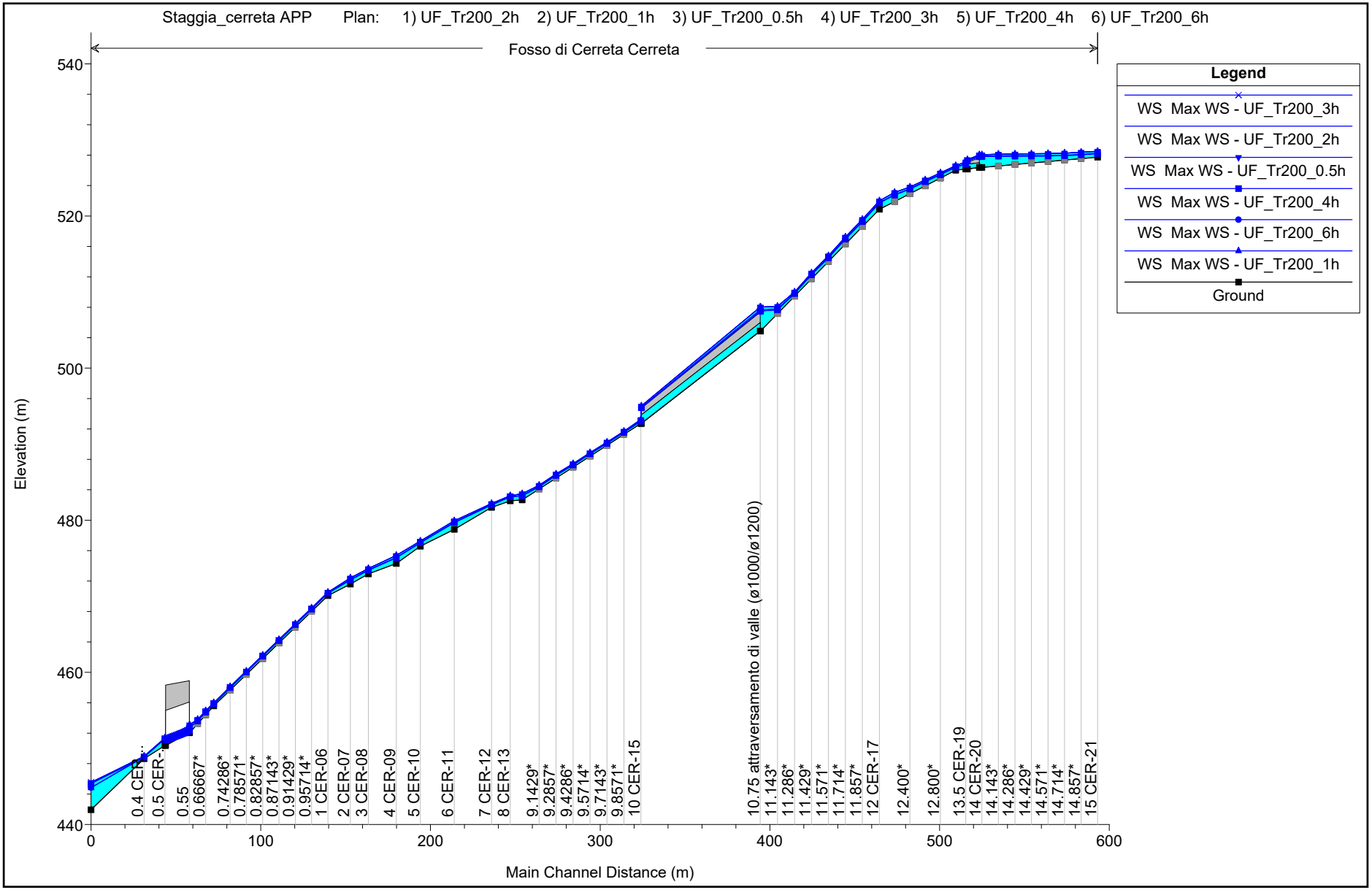
MODELLAZIONE HEC-RAS 5.0.7 "STAGGIA_CERRETA_APP"

FOSSO DI CERRETA

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 0.5, 1, 2, 3, 4 e 6 h

Profilo longitudinale


Staggia_cerreta APP Plan: 1) UF_Tr200_2h 2) UF_Tr200_1h 3) UF_Tr200_0.5h 4) UF_Tr200_3h 5) UF_Tr200_4h 6) UF_Tr200_6h
Fosso di Cerreta Cerreta
Legend
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_4h
WS Max WS - UF_Tr200_6h
WS Max WS - UF_Tr200_1h
Ground
Elevation (m)
Main Channel Distance (m)
540
520
500
480
460
440
0
100
200
300
400
500
600
0.4 CER-...
0.5 CER-...
0.55
0.66667*
0.74286*
0.78571*
0.82857*
0.87143*
0.91429*
0.95714*
1 CER-06
2 CER-07
3 CER-08
4 CER-09
5 CER-10
6 CER-11
7 CER-12
8 CER-13
9.1429*
9.2857*
9.4286*
9.5714*
9.7143*
9.8571*
10 CER-15
10.75 attraversamento di valle (ø1000/ø1200)
11.143*
11.286*
11.429*
11.571*
11.714*
11.857*
12 CER-17
12.400*
12.800*
13.5 CER-19
14 CER-20
14.143*
14.286*
14.429*
14.571*
14.714*
14.857*
15 CER-21

ALLEGATI

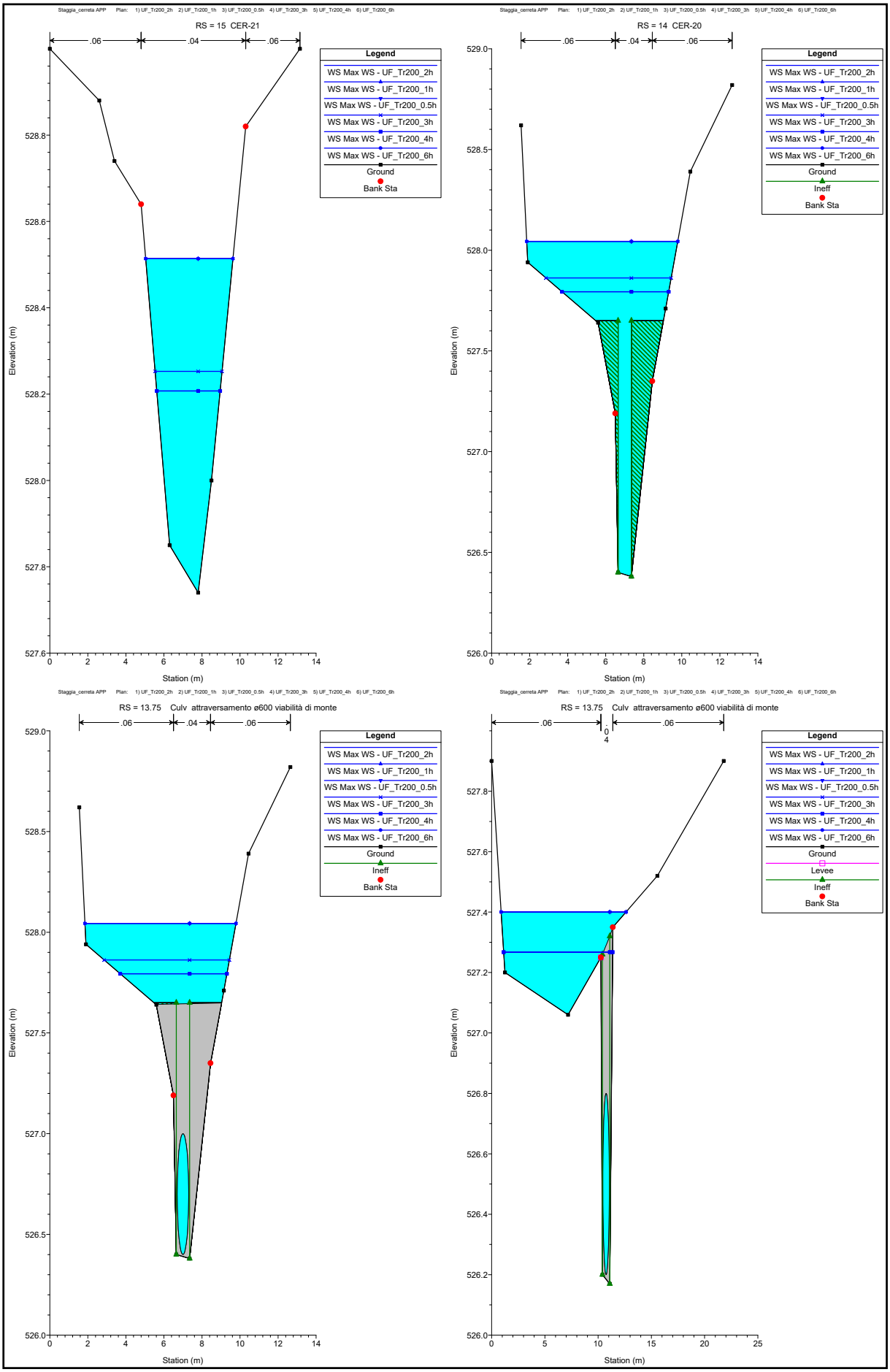
MODELLAZIONE HEC-RAS 5.0.7 "STAGGIA_CERRETA_APP"

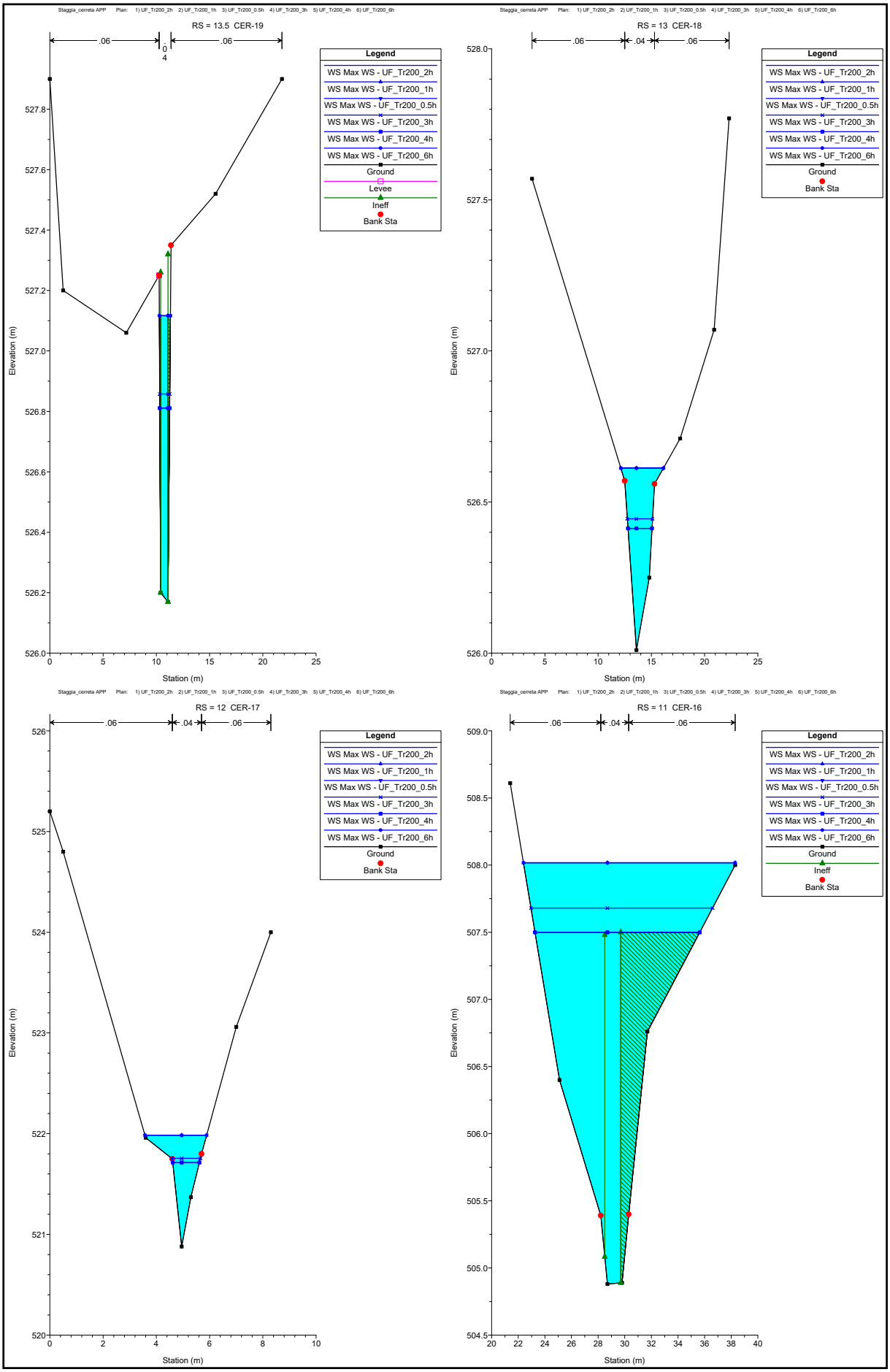
FOSSO DI CERRETA

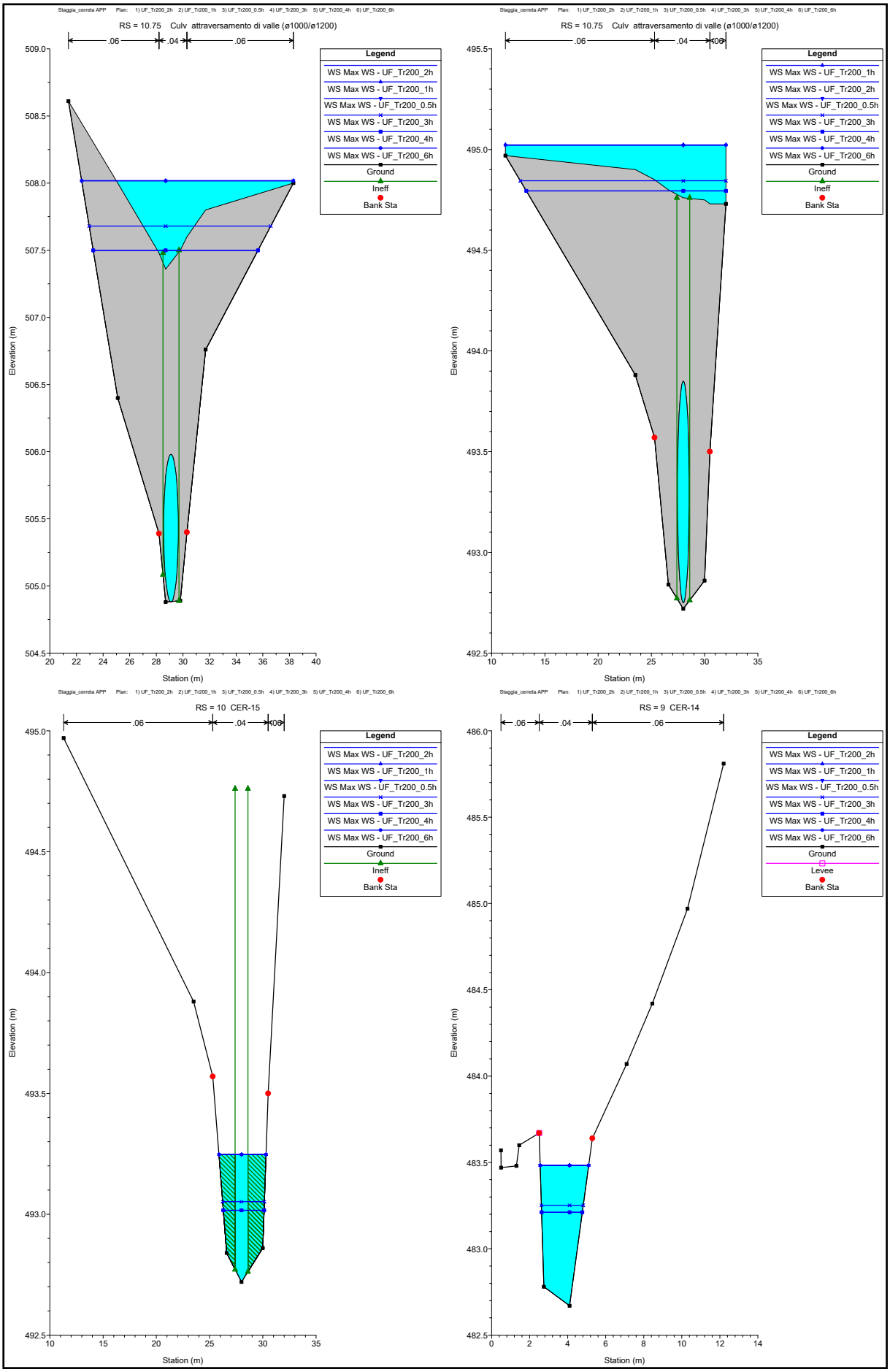
MODELLAZIONE PER TR= 200 anni

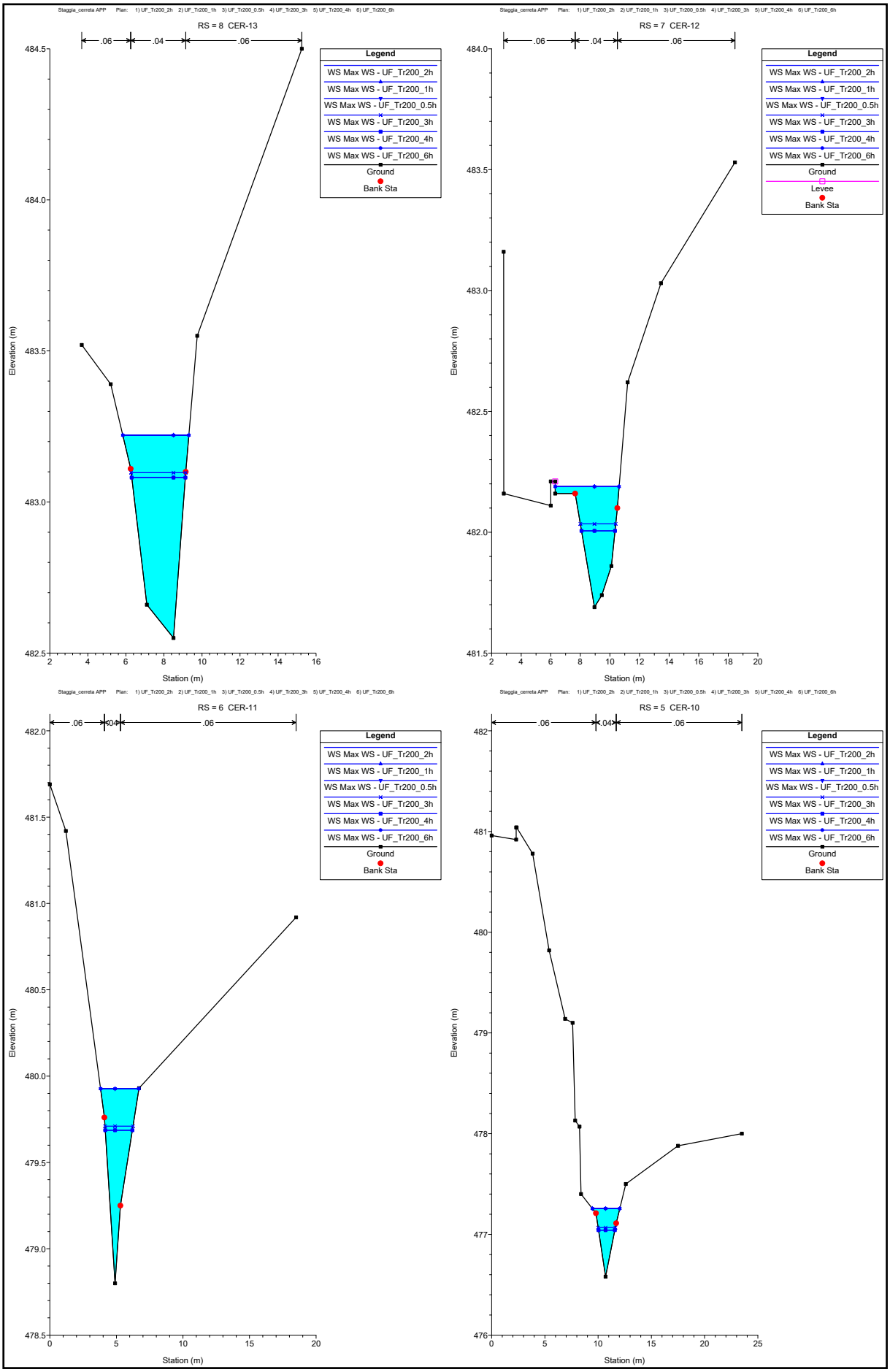
DURATE DI PIOGGIA: 0.5, 1, 2, 3, 4 e 6 h

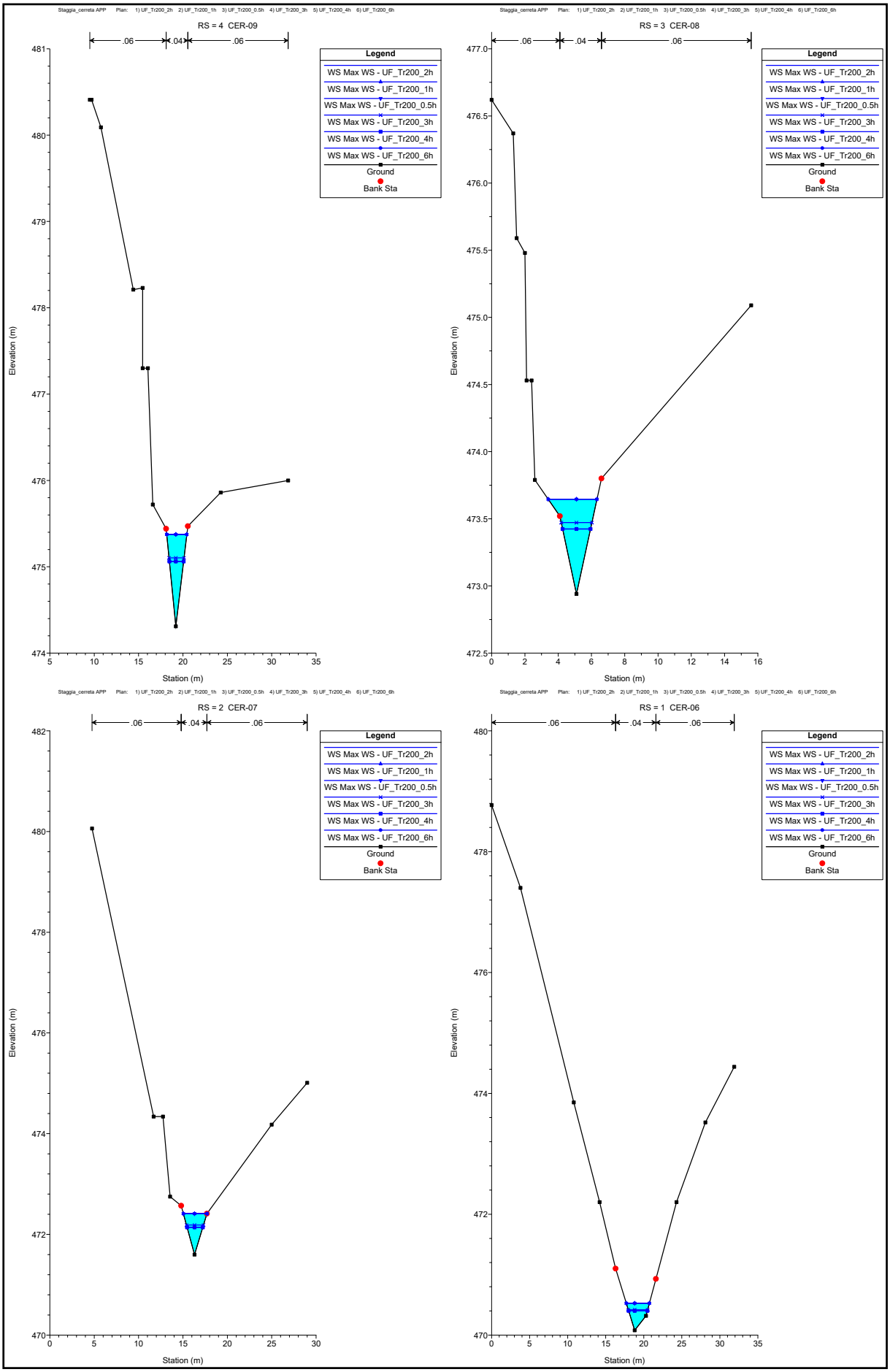
Sezioni Trasversali (da monte verso valle)

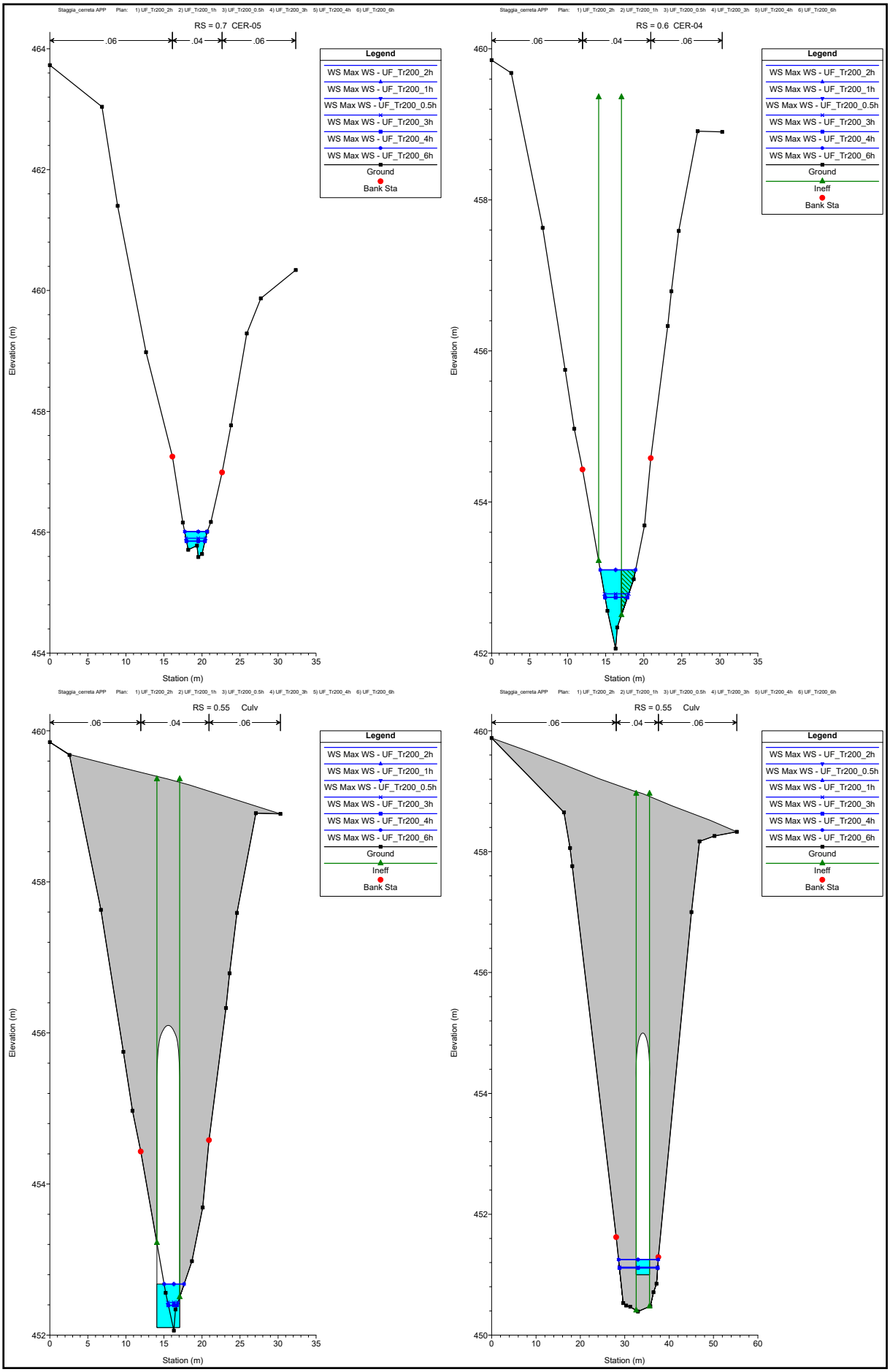

Staggia_cerreta APP Plan: 1) UF_Tr200_2h 2) UF_Tr200_1h 3) UF_Tr200_0.5h 4) UF_Tr200_3h 5) UF_Tr200_4h 6) UF_Tr200_6h
RS = 15 CER-21
.06
.04
.06
Legend
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_4h
WS Max WS - UF_Tr200_6h
Ground
Bank Sta
Elevation (m)
Station (m)
Staggia_cerreta APP Plan: 1) UF_Tr200_2h 2) UF_Tr200_1h 3) UF_Tr200_0.5h 4) UF_Tr200_3h 5) UF_Tr200_4h 6) UF_Tr200_6h
RS = 14 CER-20
.06
.04
.06
Legend
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_4h
WS Max WS - UF_Tr200_6h
Ground
Ineff
Bank Sta
Elevation (m)
Station (m)
Staggia_cerreta APP Plan: 1) UF_Tr200_2h 2) UF_Tr200_1h 3) UF_Tr200_0.5h 4) UF_Tr200_3h 5) UF_Tr200_4h 6) UF_Tr200_6h
RS = 13.75 Culv attraversamento ø600 viabilità di monte
.06
.04
.06
Legend
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_4h
WS Max WS - UF_Tr200_6h
Ground
Ineff
Bank Sta
Elevation (m)
Station (m)
Staggia_cerreta APP Plan: 1) UF_Tr200_2h 2) UF_Tr200_1h 3) UF_Tr200_0.5h 4) UF_Tr200_3h 5) UF_Tr200_4h 6) UF_Tr200_6h
RS = 13.75 Culv attraversamento ø600 viabilità di monte
.06
.06
Legend
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_4h
WS Max WS - UF_Tr200_6h
Ground
Levee
Ineff
Bank Sta
Elevation (m)
Station (m)

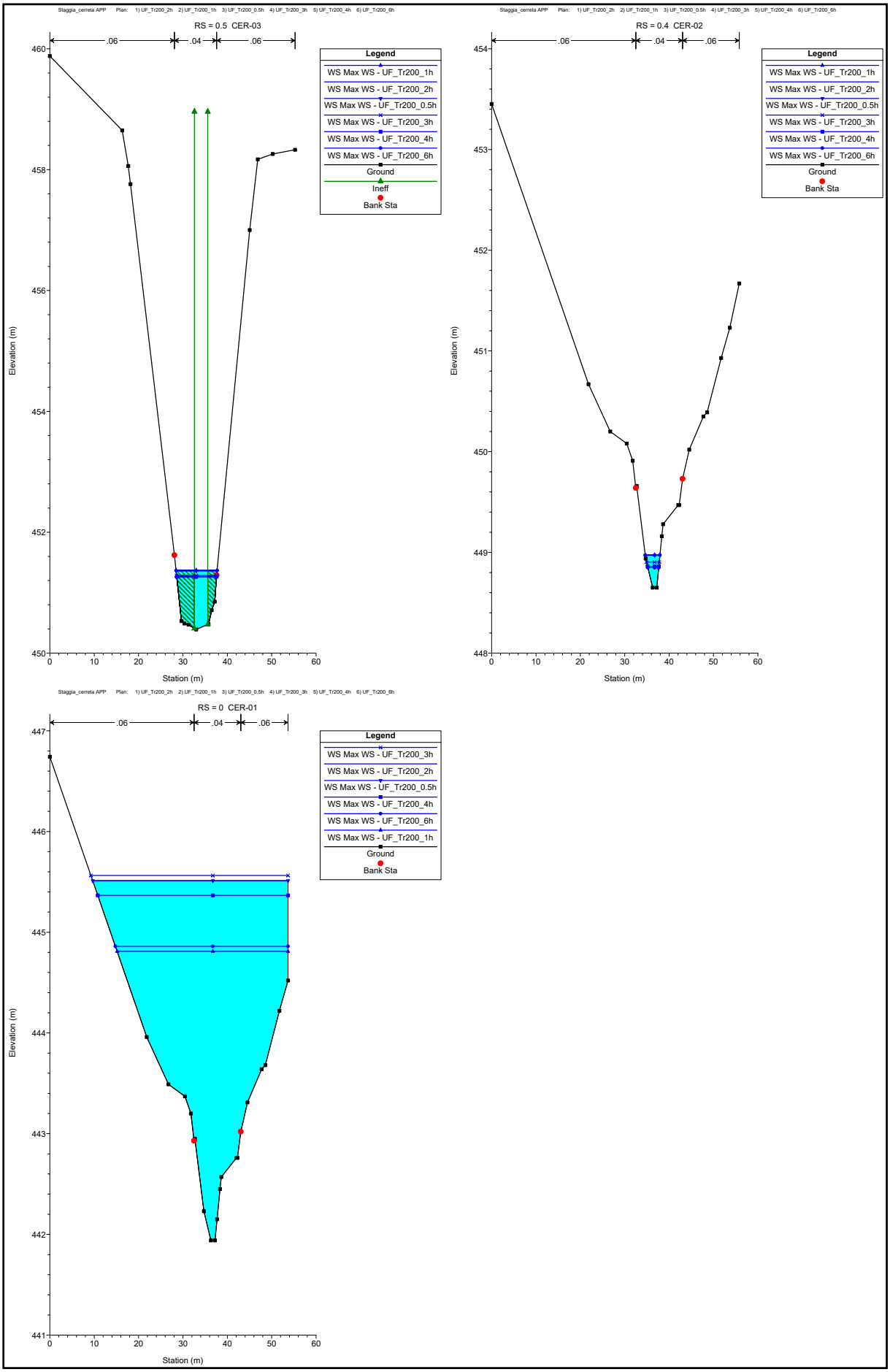

Staggia_cerreta APP Plan: 1) UF_Tr200_2h 2) UF_Tr200_1h 3) UF_Tr200_0.5h 4) UF_Tr200_3h 5) UF_Tr200_4h 6) UF_Tr200_6h
RS = 13.5 CER-19
.06
.06
Legend
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_4h
WS Max WS - UF_Tr200_6h
Ground
Levee
Ineff
Bank Sta
Elevation (m)
Station (m)
RS = 13 CER-18
.06
.04
.06
Legend
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_4h
WS Max WS - UF_Tr200_6h
Ground
Bank Sta
Elevation (m)
Station (m)
RS = 12 CER-17
.06
.04
.06
Legend
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_4h
WS Max WS - UF_Tr200_6h
Ground
Bank Sta
Elevation (m)
Station (m)
RS = 11 CER-16
.06
.04
.06
Legend
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_4h
WS Max WS - UF_Tr200_6h
Ground
Ineff
Bank Sta
Elevation (m)
Station (m)


Staggia_cerreta APP Plan: 1) UF_Tr200_2h 2) UF_Tr200_1h 3) UF_Tr200_0.5h 4) UF_Tr200_3h 5) UF_Tr200_4h 6) UF_Tr200_6h
RS = 10.75 Culv attraversamento di valle (ø1000/ø1200)
.06
.04
.06
Legend
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_4h
WS Max WS - UF_Tr200_6h
Ground
Ineff
Bank Sta
Elevation (m)
Station (m)
RS = 10.75 Culv attraversamento di valle (ø1000/ø1200)
.06
.04
.00
Legend
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_4h
WS Max WS - UF_Tr200_6h
Ground
Ineff
Bank Sta
Elevation (m)
Station (m)
Staggia_cerreta APP Plan: 1) UF_Tr200_2h 2) UF_Tr200_1h 3) UF_Tr200_0.5h 4) UF_Tr200_3h 5) UF_Tr200_4h 6) UF_Tr200_6h
RS = 10 CER-15
.06
.04
.00
Legend
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_4h
WS Max WS - UF_Tr200_6h
Ground
Ineff
Bank Sta
Elevation (m)
Station (m)
Staggia_cerreta APP Plan: 1) UF_Tr200_2h 2) UF_Tr200_1h 3) UF_Tr200_0.5h 4) UF_Tr200_3h 5) UF_Tr200_4h 6) UF_Tr200_6h
RS = 9 CER-14
.06
.04
.06
Legend
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_4h
WS Max WS - UF_Tr200_6h
Ground
Levee
Bank Sta
Elevation (m)
Station (m)


Staggia_cerreta APP Plan: 1) UF_Tr200_2h 2) UF_Tr200_1h 3) UF_Tr200_0.5h 4) UF_Tr200_3h 5) UF_Tr200_4h 6) UF_Tr200_6h
RS = 8 CER-13
.06
.04
.06
Legend
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_4h
WS Max WS - UF_Tr200_6h
Ground
Bank Sta
Elevation (m)
Station (m)
RS = 7 CER-12
Legend
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_4h
WS Max WS - UF_Tr200_6h
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
RS = 6 CER-11
Legend
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_4h
WS Max WS - UF_Tr200_6h
Ground
Bank Sta
Elevation (m)
Station (m)
RS = 5 CER-10
Legend
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_4h
WS Max WS - UF_Tr200_6h
Ground
Bank Sta
Elevation (m)
Station (m)


Staggia_cerreta APP Plan: 1) UF_Tr200_2h 2) UF_Tr200_1h 3) UF_Tr200_0.5h 4) UF_Tr200_3h 5) UF_Tr200_4h 6) UF_Tr200_6h
RS = 4 CER-09
.06
.04
.06
Legend
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_4h
WS Max WS - UF_Tr200_6h
Ground
Bank Sta
Elevation (m)
Station (m)
RS = 3 CER-08
RS = 2 CER-07
RS = 1 CER-06


Staggia_cerreta APP Plan: 1) UF_Tr200_2h 2) UF_Tr200_1h 3) UF_Tr200_0.5h 4) UF_Tr200_3h 5) UF_Tr200_4h 6) UF_Tr200_6h
RS = 0.7 CER-05
.06 .04 .06
Legend
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_4h
WS Max WS - UF_Tr200_6h
Ground
Bank Sta
Elevation (m)
Station (m)
Staggia_cerreta APP Plan: 1) UF_Tr200_2h 2) UF_Tr200_1h 3) UF_Tr200_0.5h 4) UF_Tr200_3h 5) UF_Tr200_4h 6) UF_Tr200_6h
RS = 0.6 CER-04
.06 .04 .06
Legend
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_4h
WS Max WS - UF_Tr200_6h
Ground
Ineff
Bank Sta
Elevation (m)
Station (m)
Staggia_cerreta APP Plan: 1) UF_Tr200_2h 2) UF_Tr200_1h 3) UF_Tr200_0.5h 4) UF_Tr200_3h 5) UF_Tr200_4h 6) UF_Tr200_6h
RS = 0.55 Culv
.06 .04 .06
Legend
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_4h
WS Max WS - UF_Tr200_6h
Ground
Ineff
Bank Sta
Elevation (m)
Station (m)
Staggia_cerreta APP Plan: 1) UF_Tr200_2h 2) UF_Tr200_1h 3) UF_Tr200_0.5h 4) UF_Tr200_3h 5) UF_Tr200_4h 6) UF_Tr200_6h
RS = 0.55 Culv
.06 .04 .06
Legend
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_4h
WS Max WS - UF_Tr200_6h
Ground
Ineff
Bank Sta
Elevation (m)
Station (m)


Staggia_cerreta APP Plan: 1) UF_Tr200_2h 2) UF_Tr200_1h 3) UF_Tr200_0.5h 4) UF_Tr200_3h 5) UF_Tr200_4h 6) UF_Tr200_6h
RS = 0.5 CER-03
.06
.04
.06
Legend
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_4h
WS Max WS - UF_Tr200_6h
Ground
Ineff
Bank Sta
Elevation (m)
Station (m)
RS = 0.4 CER-02
RS = 0 CER-01

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "STAGGIA_CERRETA_APP"

FOSSO DI CERRETA

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 0.5, 1, 2, 3, 4 e 6 h

Dati idraulici

HEC-RAS River: Fosso di Cerreta Reach: Cerreta Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Cerreta	15	Max WS	UF_Tr200_2h	4.10	527.74	528.51		528.69	0.015346	1.83			2.24	4.59	0.84
Cerreta	15	Max WS	UF_Tr200_1h	4.10	527.74	528.51		528.69	0.015346	1.83			2.24	4.59	0.84
Cerreta	15	Max WS	UF_Tr200_0.5h	4.10	527.74	528.51		528.69	0.015346	1.83			2.24	4.59	0.84
Cerreta	15	Max WS	UF_Tr200_3h	1.80	527.74	528.25		528.37	0.017272	1.53			1.18	3.52	0.84
Cerreta	15	Max WS	UF_Tr200_4h	1.50	527.74	528.21		528.32	0.017865	1.47			1.02	3.33	0.85
Cerreta	15	Max WS	UF_Tr200_6h	1.50	527.74	528.21		528.32	0.017865	1.47			1.02	3.33	0.85
Cerreta	14	Max WS	UF_Tr200_2h	4.10	526.38	528.04		528.16	0.010838	1.76	0.72	0.69	3.33	7.94	0.61
Cerreta	14	Max WS	UF_Tr200_1h	4.10	526.38	528.04		528.16	0.010838	1.76	0.72	0.69	3.33	7.94	0.61
Cerreta	14	Max WS	UF_Tr200_0.5h	4.10	526.38	528.04		528.16	0.010838	1.76	0.72	0.69	3.33	7.94	0.61
Cerreta	14	Max WS	UF_Tr200_3h	1.80	526.38	527.86		527.93	0.006965	1.20	0.36	0.39	1.96	6.58	0.47
Cerreta	14	Max WS	UF_Tr200_4h	1.50	526.38	527.79		527.86	0.007875	1.19	0.31	0.33	1.54	5.61	0.49
Cerreta	14	Max WS	UF_Tr200_6h	1.50	526.38	527.79		527.86	0.007875	1.19	0.31	0.33	1.54	5.61	0.49
Cerreta	13.75			Culvert											
Cerreta	13.5	Max WS	UF_Tr200_2h	4.10	526.17	527.12	527.37	529.13	0.069629	6.29			0.65	1.05	2.08
Cerreta	13.5	Max WS	UF_Tr200_1h	4.10	526.17	527.12	527.37	529.13	0.069630	6.29			0.65	1.05	2.08
Cerreta	13.5	Max WS	UF_Tr200_0.5h	4.10	526.17	527.12	527.37	529.13	0.069629	6.29			0.65	1.05	2.08
Cerreta	13.5	Max WS	UF_Tr200_3h	1.80	526.17	526.86	527.27	527.60	0.039768	3.82			0.47	0.95	1.49
Cerreta	13.5	Max WS	UF_Tr200_4h	1.50	526.17	526.81	526.96	527.41	0.035092	3.42			0.44	0.93	1.38
Cerreta	13.5	Max WS	UF_Tr200_6h	1.50	526.17	526.81	526.96	527.41	0.035092	3.42			0.44	0.93	1.38
Cerreta	13	Max WS	UF_Tr200_2h	4.10	526.01	526.61	526.86	527.40	0.104493	3.94	0.41	0.47	1.07	4.01	2.07
Cerreta	13	Max WS	UF_Tr200_1h	4.10	526.01	526.61	526.86	527.40	0.104485	3.94	0.41	0.47	1.07	4.01	2.07
Cerreta	13	Max WS	UF_Tr200_0.5h	4.10	526.01	526.61	526.86	527.40	0.104493	3.94	0.41	0.47	1.07	4.01	2.07
Cerreta	13	Max WS	UF_Tr200_3h	1.80	526.01	526.44	526.59	526.91	0.103033	3.03			0.59	2.37	1.94
Cerreta	13	Max WS	UF_Tr200_4h	1.50	526.01	526.41	526.54	526.84	0.103530	2.89			0.52	2.25	1.92
Cerreta	13	Max WS	UF_Tr200_6h	1.50	526.01	526.41	526.54	526.84	0.103530	2.89			0.52	2.25	1.92
Cerreta	12.59			Lat Struct											
Cerreta	12	Max WS	UF_Tr200_2h	4.10	520.88	521.99	522.37	523.44	0.214782	5.50	1.91	1.27	0.84	2.32	2.21
Cerreta	12	Max WS	UF_Tr200_1h	4.10	520.88	521.99	522.37	523.44	0.214789	5.50	1.91	1.27	0.84	2.32	2.21
Cerreta	12	Max WS	UF_Tr200_0.5h	4.10	520.88	521.99	522.37	523.44	0.214782	5.50	1.91	1.27	0.84	2.32	2.21
Cerreta	12	Max WS	UF_Tr200_3h	1.80	520.88	521.76	522.04	522.59	0.204485	4.06	0.15		0.44	1.08	2.00
Cerreta	12	Max WS	UF_Tr200_4h	1.50	520.88	521.71	521.97	522.43	0.187765	3.75			0.40	1.00	1.89
Cerreta	12	Max WS	UF_Tr200_6h	1.50	520.88	521.71	521.97	522.43	0.187765	3.75			0.40	1.00	1.89
Cerreta	11.99			Lat Struct											
Cerreta	11	Max WS	UF_Tr200_2h	4.10	504.88	508.02		508.02	0.000052	0.33	0.15	0.10	22.02	15.91	0.06
Cerreta	11	Max WS	UF_Tr200_1h	4.10	504.88	508.02		508.02	0.000052	0.33	0.15	0.10	22.02	15.91	0.06
Cerreta	11	Max WS	UF_Tr200_0.5h	4.10	504.88	508.02		508.02	0.000052	0.33	0.15	0.10	22.02	15.91	0.06
Cerreta	11	Max WS	UF_Tr200_3h	1.80	504.88	507.68		507.68	0.000018	0.18	0.08	0.05	17.01	13.64	0.04
Cerreta	11	Max WS	UF_Tr200_4h	1.50	504.88	507.50		507.50	0.000031	0.24	0.10		9.78	12.37	0.05
Cerreta	11	Max WS	UF_Tr200_6h	1.50	504.88	507.50		507.50	0.000031	0.24	0.10		9.78	12.37	0.05
Cerreta	10.75			Culvert											
Cerreta	10	Max WS	UF_Tr200_2h	4.10	492.72	493.25	493.80	495.59	0.184138	6.78			0.60	4.43	3.05
Cerreta	10	Max WS	UF_Tr200_1h	4.10	492.72	493.25	493.80	495.59	0.184179	6.78			0.60	4.43	3.05
Cerreta	10	Max WS	UF_Tr200_0.5h	4.10	492.72	493.25	493.80	495.59	0.184138	6.78			0.60	4.43	3.05
Cerreta	10	Max WS	UF_Tr200_3h	1.80	492.72	493.05	493.36	494.25	0.181507	4.86			0.37	3.93	2.79
Cerreta	10	Max WS	UF_Tr200_4h	1.50	492.72	493.02	493.29	494.08	0.189756	4.58			0.33	3.84	2.80
Cerreta	10	Max WS	UF_Tr200_6h	1.50	492.72	493.02	493.29	494.08	0.189756	4.58			0.33	3.84	2.80
Cerreta	9.99			Lat Struct											
Cerreta	9.98			Lat Struct											
Cerreta	9	Max WS	UF_Tr200_2h	4.10	482.67	483.48	483.54	483.86	0.035129	2.73			1.50	2.55	1.14
Cerreta	9	Max WS	UF_Tr200_1h	4.10	482.67	483.48	483.54	483.86	0.035133	2.73			1.50	2.55	1.14
Cerreta	9	Max WS	UF_Tr200_0.5h	4.10	482.67	483.48	483.54	483.86	0.035129	2.73			1.50	2.55	1.14
Cerreta	9	Max WS	UF_Tr200_3h	1.80	482.67	483.25		483.43	0.023767	1.89			0.95	2.20	0.92
Cerreta	9	Max WS	UF_Tr200_4h	1.50	482.67	483.21		483.37	0.021649	1.74			0.86	2.14	0.87
Cerreta	9	Max WS	UF_Tr200_6h	1.50	482.67	483.21		483.37	0.021649	1.74			0.86	2.14	0.87
Cerreta	8	Max WS	UF_Tr200_2h	4.10	482.55	483.22	483.34	483.65	0.040649	2.90	0.48	0.45	1.44	3.48	1.33
Cerreta	8	Max WS	UF_Tr200_1h	4.10	482.55	483.22	483.34	483.65	0.040651	2.90	0.48	0.45	1.44	3.48	1.33
Cerreta	8	Max WS	UF_Tr200_0.5h	4.10	482.55	483.22	483.34	483.65	0.040649	2.90	0.48	0.45	1.44	3.48	1.33
Cerreta	8	Max WS	UF_Tr200_3h	1.80	482.55	483.10		483.25	0.020845	1.72			1.05	2.87	0.91
Cerreta	8	Max WS	UF_Tr200_4h	1.50	482.55	483.08		483.20	0.016443	1.50			1.00	2.82	0.80
Cerreta	8	Max WS	UF_Tr200_6h	1.50	482.55	483.08		483.20	0.016443	1.50			1.00	2.82	0.80
Cerreta	7	Max WS	UF_Tr200_2h	4.10	481.69	482.19	482.40	483.19	0.154874	4.45	0.61	0.71	0.96	4.32	2.51
Cerreta	7	Max WS	UF_Tr200_1h	4.10	481.69	482.19	482.40	483.19	0.154875	4.45	0.61	0.71	0.96	4.32	2.51
Cerreta	7	Max WS	UF_Tr200_0.5h	4.10	481.69	482.19	482.40	483.19	0.154874	4.45	0.61	0.71	0.96	4.32	2.51
Cerreta	7	Max WS	UF_Tr200_3h	1.80	481.69	482.03	482.24	482.69	0.176349	3.58			0.50	2.39	2.50
Cerreta	7	Max WS	UF_Tr200_4h	1.50	481.69	482.01	482.18	482.61	0.183393	3.45			0.43	2.27	2.52
Cerreta	7	Max WS	UF_Tr200_6h	1.50	481.69	482.01	482.18	482.61	0.183393	3.45			0.43	2.27	2.52
Cerreta	6	Max WS	UF_Tr200_2h	4.10	478.80	479.93	480.18	480.50	0.058244	3.67	0.70	1.82	1.37	2.89	1.37
Cerreta	6	Max WS	UF_Tr200_1h	4.10	478.80	479.93	480.18	480.50	0.058244	3.67	0.70	1.82	1.37	2.89	1.37
Cerreta	6	Max WS	UF_Tr200_0.5h	4.10	478.80	479.93	480.18	480.50	0.058244	3.67	0.70	1.82	1.37	2.89	1.37
Cerreta	6	Max WS	UF_Tr200_3h	1.80	478.80	479.71	479.76	479.99	0.040775	2.49		1.18	0.84	2.11	1.09
Cerreta	6	Max WS	UF_Tr200_4h	1.50	478.80	479.69	479.70	479.91	0.032923	2.20		1.02	0.79	2.04	0.97
Cerreta	6	Max WS	UF_Tr200_6h	1.50	478.80	479.69	479.70	479.91	0.032923	2.20		1.02	0.79	2.04	0.97
Cerreta	5	Max WS	UF_Tr200_2h	4.10	476.58	477.26	477.64	478.79	0.212783	5.51	0.62	1.27	0.77	2.58	2.83
Cerreta	5	Max WS	UF_Tr200_1h	4.10	476.58	477.26	477.64	478.79	0.212797	5.51	0.62	1.27	0.77	2.58	2.83
Cerreta	5	Max WS	UF_Tr200_0.5h	4.10	476.58	477.26	477.64	478.79	0.212783	5.51	0.62	1.27	0.77	2.58	2.83
Cerreta	5	Max WS	UF_Tr200_3h	1.80	476.58	477.07	477.34	478.13	0.270000	4.57			0.39	1.62	2.95
Cerreta	5	Max WS	UF_Tr200_4h	1.50	476.58	477.04	477.28	477.96	0.250852	4.24			0.35	1.53	2.82
Cerreta	5	Max WS	UF_Tr200_6h	1.50	476.58	477.04	477.28	477.96	0.250852	4.24			0.35	1.53	2.82
Cerreta	4	Max WS	UF_Tr200_2h	4.10	474.31	475.38	475.57	475.96	0.064543	3.38			1.21	2.28	1.48
Cerreta	4	Max WS	UF_Tr200_1h	4.10	474.31	475.38	475.57	475.96	0.064538	3.38			1.21	2.28	1.48
Cerreta	4	Max WS	UF_Tr200_0.5h	4.10	474.31	475.38	475.57	475.96	0.064543	3.38			1.21	2.28	1.48
Cerreta	4	Max WS	UF_Tr200_3h	1.80	474.31	475.10	475.21	475.47	0.060011	2.68			0.67	1.69	1.36
Cerreta	4	Max WS	UF_Tr200_4h	1.50	474.31	475.06	475.14	475.38	0.055368	2.48			0.60	1.61	1.29
Cerreta	4	Max WS	UF_Tr200_6h	1.50	474.31	475.06	475.14	475.38	0.055375	2.48			0.60	1.61	1.29
Cerreta	3	Max WS	UF_Tr200_2h	4.10	472.94	473.65	473.96	474.79	0.159243	4.77	1.04		0.89	2.93	2.47
Cerreta	3	Max WS	UF_Tr200_1h	4.10	472.94	473.65	473.96	474.79	0.159243	4.77	1.04		0.89	2.93	2.47
Cerreta	3	Max WS	UF_Tr200_0.5h	4.10	472.94	473.65	473.96	474.79	0.159243	4.77	1.04		0.89	2.93	2.47
Cerreta	3	Max WS	UF_Tr200_3h	1.80	472.94	473.47	473.68	474.16	0.152526	3.67			0.49	1.84	2.27
Cerreta	3	Max WS	UF_Tr200_4h	1.50	472.94	473.42	473.63	474.12	0.174005	3.68			0.41	1.68	2.39
Cerreta	3	Max WS	UF_Tr200_6h	1.50	472.94	473.42	473.63	474.12	0.174005	3.68			0.41	1.68	2.39
Cerreta	2	Max WS	UF_Tr200_2h	4.10	471.60	472.41	472.65	473.15	0.094960	3.80			1.08	2.66	1.90

HEC-RAS River: Fosso di Cerreta Reach: Cerreta Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Cerreta	2	Max WS	UF_Tr200_1h	4.10	471.60	472.41	472.65	473.15	0.094978	3.80			1.08	2.66	1.90
Cerreta	2	Max WS	UF_Tr200_0.5h	4.10	471.60	472.41	472.65	473.15	0.094960	3.80			1.08	2.66	1.90
Cerreta	2	Max WS	UF_Tr200_3h	1.80	471.60	472.19	472.35	472.71	0.104342	3.20			0.56	1.92	1.89
Cerreta	2	Max WS	UF_Tr200_4h	1.50	471.60	472.14	472.30	472.64	0.112445	3.15			0.48	1.77	1.94
Cerreta	2	Max WS	UF_Tr200_6h	1.50	471.60	472.14	472.30	472.64	0.112445	3.15			0.48	1.77	1.94
Cerreta	1	Max WS	UF_Tr200_2h	4.10	470.08	470.53	470.84	471.92	0.284772	5.23			0.78	3.04	3.29
Cerreta	1	Max WS	UF_Tr200_1h	4.10	470.08	470.53	470.84	471.92	0.284670	5.23			0.78	3.04	3.29
Cerreta	1	Max WS	UF_Tr200_0.5h	4.10	470.08	470.53	470.84	471.92	0.284772	5.23			0.78	3.04	3.29
Cerreta	1	Max WS	UF_Tr200_3h	1.80	470.08	470.42	470.61	471.13	0.216106	3.73			0.48	2.55	2.74
Cerreta	1	Max WS	UF_Tr200_4h	1.50	470.08	470.40	470.57	471.00	0.195994	3.41			0.44	2.47	2.58
Cerreta	1	Max WS	UF_Tr200_6h	1.50	470.08	470.40	470.57	471.00	0.195994	3.41			0.44	2.47	2.58
Cerreta	0.7	Max WS	UF_Tr200_2h	4.10	455.59	456.01	456.33	457.54	0.338613	5.49			0.75	2.95	3.48
Cerreta	0.7	Max WS	UF_Tr200_1h	4.10	455.59	456.01	456.33	457.54	0.338629	5.49			0.75	2.95	3.48
Cerreta	0.7	Max WS	UF_Tr200_0.5h	4.10	455.59	456.01	456.33	457.54	0.338613	5.49			0.75	2.95	3.48
Cerreta	0.7	Max WS	UF_Tr200_3h	1.80	455.59	455.90	456.10	456.73	0.298748	4.02			0.45	2.59	3.09
Cerreta	0.7	Max WS	UF_Tr200_4h	1.50	455.59	455.85	456.06	456.92	0.535576	4.58			0.33	2.43	3.98
Cerreta	0.7	Max WS	UF_Tr200_6h	1.50	455.59	455.85	456.06	456.92	0.535576	4.58			0.33	2.43	3.98
Cerreta	0.6	Max WS	UF_Tr200_2h	4.10	452.06	453.10		453.41	0.022749	2.45			1.68	4.64	1.01
Cerreta	0.6	Max WS	UF_Tr200_1h	4.10	452.06	453.10		453.41	0.022748	2.45			1.68	4.64	1.01
Cerreta	0.6	Max WS	UF_Tr200_0.5h	4.10	452.06	453.10		453.41	0.022749	2.45			1.68	4.64	1.01
Cerreta	0.6	Max WS	UF_Tr200_3h	1.80	452.06	452.78		453.00	0.027873	2.05			0.88	3.18	1.04
Cerreta	0.6	Max WS	UF_Tr200_4h	1.50	452.06	452.74		452.93	0.028216	1.94			0.77	2.93	1.03
Cerreta	0.6	Max WS	UF_Tr200_6h	1.50	452.06	452.74		452.93	0.028216	1.94			0.77	2.93	1.03
Cerreta	0.55			Culvert											
Cerreta	0.5	Max WS	UF_Tr200_2h	3.77	450.39	451.36		451.46	0.003154	1.34			2.81	9.23	0.44
Cerreta	0.5	Max WS	UF_Tr200_1h	4.08	450.39	451.37		451.48	0.003557	1.44			2.84	9.26	0.47
Cerreta	0.5	Max WS	UF_Tr200_0.5h	3.51	450.39	451.36		451.44	0.002757	1.25			2.80	9.23	0.41
Cerreta	0.5	Max WS	UF_Tr200_3h	1.80	450.39	451.29		451.31	0.000959	0.70			2.58	9.02	0.24
Cerreta	0.5	Max WS	UF_Tr200_4h	1.50	450.39	451.26		451.28	0.000731	0.60			2.50	8.96	0.21
Cerreta	0.5	Max WS	UF_Tr200_6h	1.50	450.39	451.26		451.28	0.000732	0.60			2.50	8.96	0.21
Cerreta	0.4	Max WS	UF_Tr200_2h	4.11	448.65	448.97	449.31	450.76	0.468629	5.92			0.69	3.31	4.13
Cerreta	0.4	Max WS	UF_Tr200_1h	4.10	448.65	448.98	449.31	450.68	0.438605	5.78			0.71	3.33	4.00
Cerreta	0.4	Max WS	UF_Tr200_0.5h	4.11	448.65	448.97	449.31	450.76	0.469119	5.92			0.69	3.31	4.13
Cerreta	0.4	Max WS	UF_Tr200_3h	1.80	448.65	448.90	449.08	449.61	0.247829	3.72			0.48	2.88	2.90
Cerreta	0.4	Max WS	UF_Tr200_4h	1.50	448.65	448.86	449.04	449.72	0.369456	4.10			0.37	2.55	3.45
Cerreta	0.4	Max WS	UF_Tr200_6h	1.50	448.65	448.85	449.04	449.88	0.475096	4.49			0.33	2.45	3.88
Cerreta	0.3			Lat Struct											
Cerreta	0	Max WS	UF_Tr200_2h	5.87	441.94	445.51		445.51	0.000005	0.11	0.04	0.05	81.43	44.00	0.02
Cerreta	0	Max WS	UF_Tr200_1h	2.16	441.94	444.81		444.81	0.000002	0.06	0.02	0.02	52.52	38.50	0.01
Cerreta	0	Max WS	UF_Tr200_0.5h	5.86	441.94	445.51		445.51	0.000005	0.11	0.04	0.05	81.42	44.00	0.02
Cerreta	0	Max WS	UF_Tr200_3h	6.51	441.94	445.56		445.56	0.000005	0.12	0.05	0.05	83.74	44.41	0.02
Cerreta	0	Max WS	UF_Tr200_4h	4.66	441.94	445.37		445.37	0.000004	0.10	0.04	0.04	75.13	42.86	0.02
Cerreta	0	Max WS	UF_Tr200_6h	2.23	441.94	444.86		444.86	0.000002	0.06	0.02	0.02	54.42	38.89	0.01

ALLEGATI

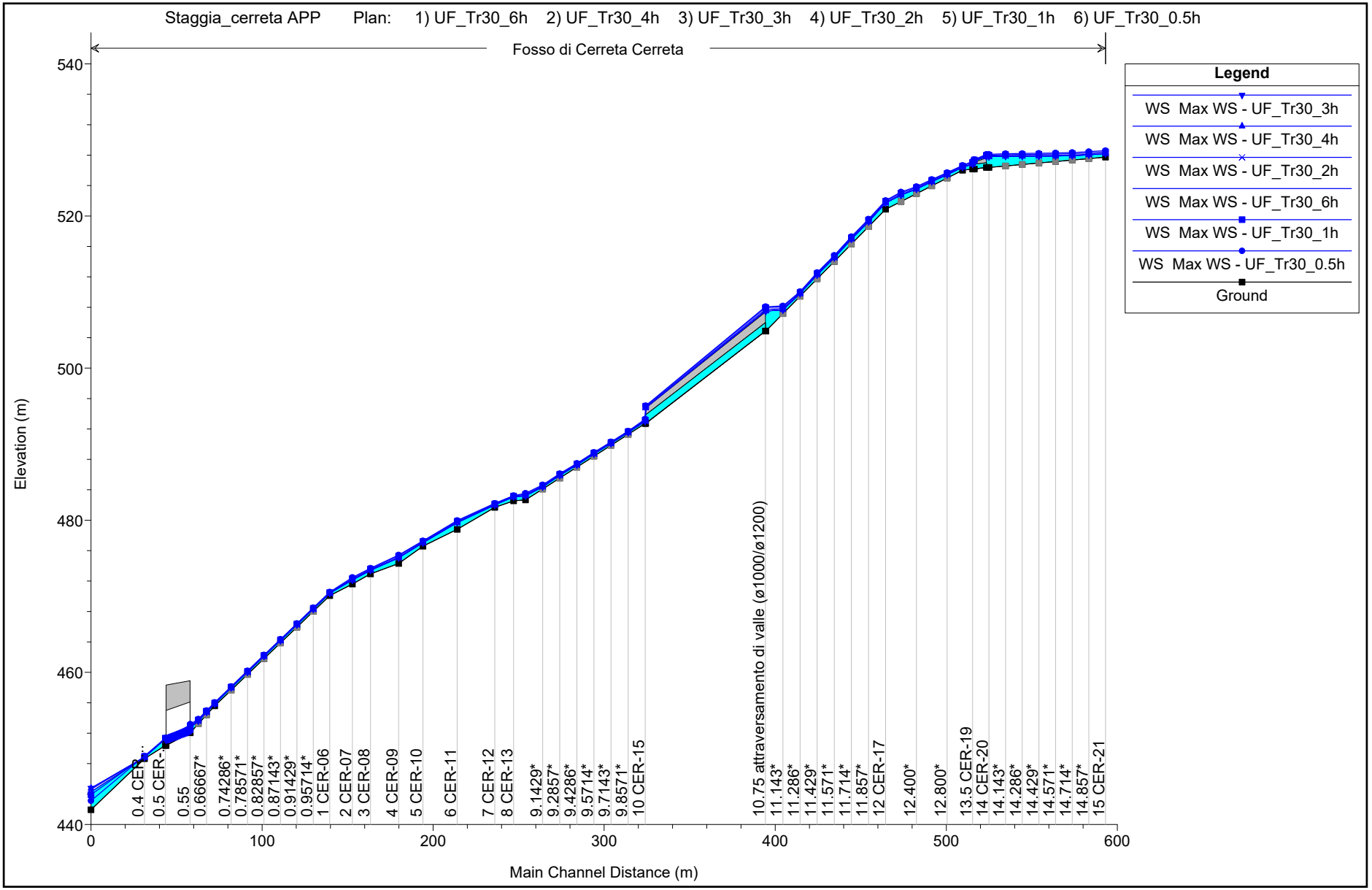
MODELLAZIONE HEC-RAS 5.0.7 "STAGGIA_CERRETA_APP"

FOSSO DI CERRETA

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 0.5, 1, 2, 3, 4 e 6 h

Profilo longitudinale


Staggia_cerreta APP Plan: 1) UF_Tr30_6h 2) UF_Tr30_4h 3) UF_Tr30_3h 4) UF_Tr30_2h 5) UF_Tr30_1h 6) UF_Tr30_0.5h
Fosso di Cerreta Cerreta
Legend
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_4h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_6h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_0.5h
Ground
Elevation (m)
Main Channel Distance (m)
540
520
500
480
460
440
0
100
200
300
400
500
600
0.4 CER-01
0.5 CER-02
0.55
0.66667*
0.74286*
0.78571*
0.82857*
0.87143*
0.91429*
0.95714*
1 CER-06
2 CER-07
3 CER-08
4 CER-09
5 CER-10
6 CER-11
7 CER-12
8 CER-13
9.1429*
9.2857*
9.4286*
9.5714*
9.7143*
9.8571*
10 CER-15
10.75 attraversamento di valle (ø1000/ø1200)
11.143*
11.286*
11.429*
11.571*
11.714*
11.857*
12 CER-17
12.400*
12.800*
13.5 CER-19
14 CER-20
14.143*
14.286*
14.429*
14.571*
14.714*
14.857*
15 CER-21

ALLEGATI

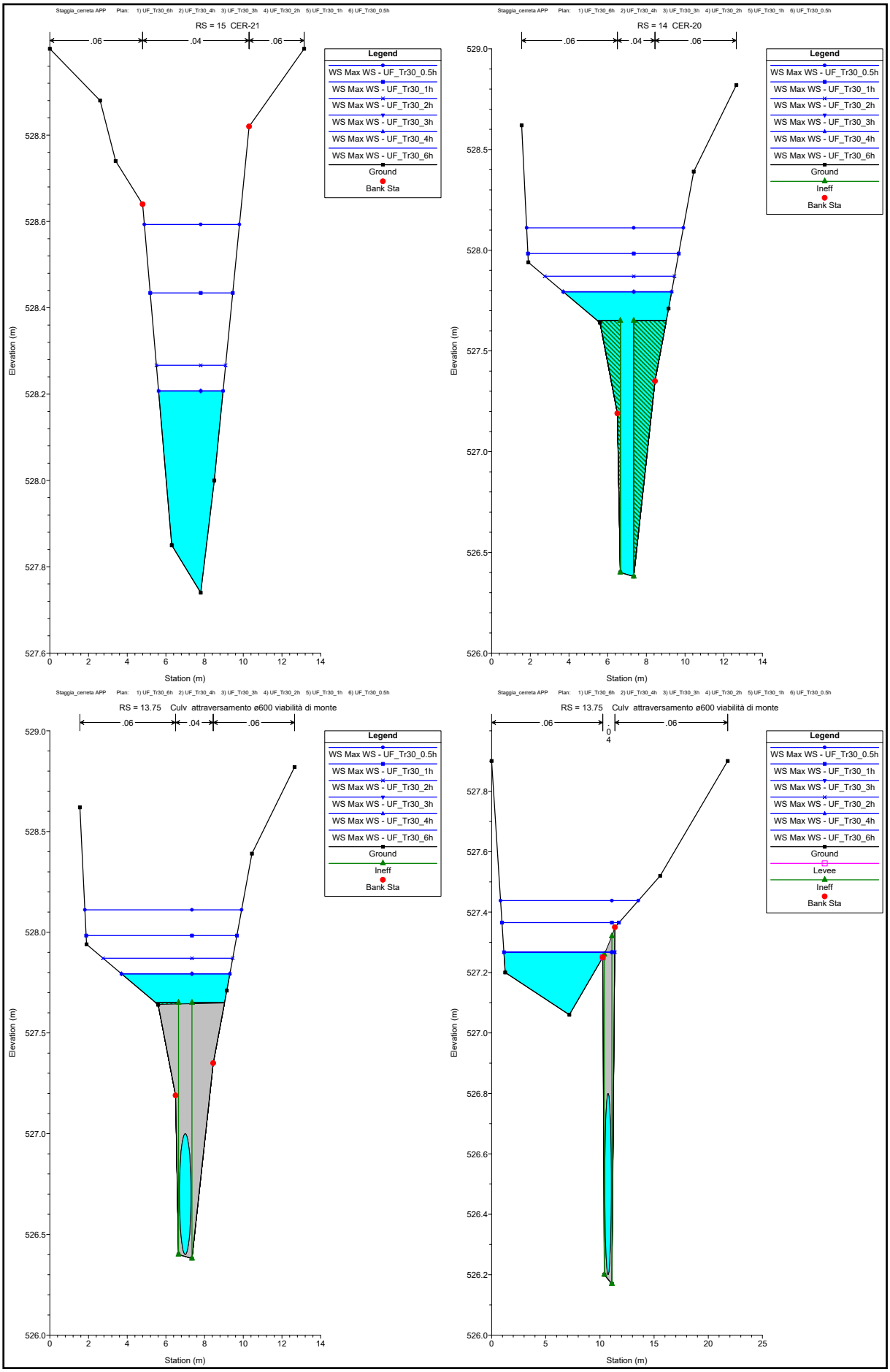
MODELLAZIONE HEC-RAS 5.0.7 "STAGGIA_CERRETA_APP"

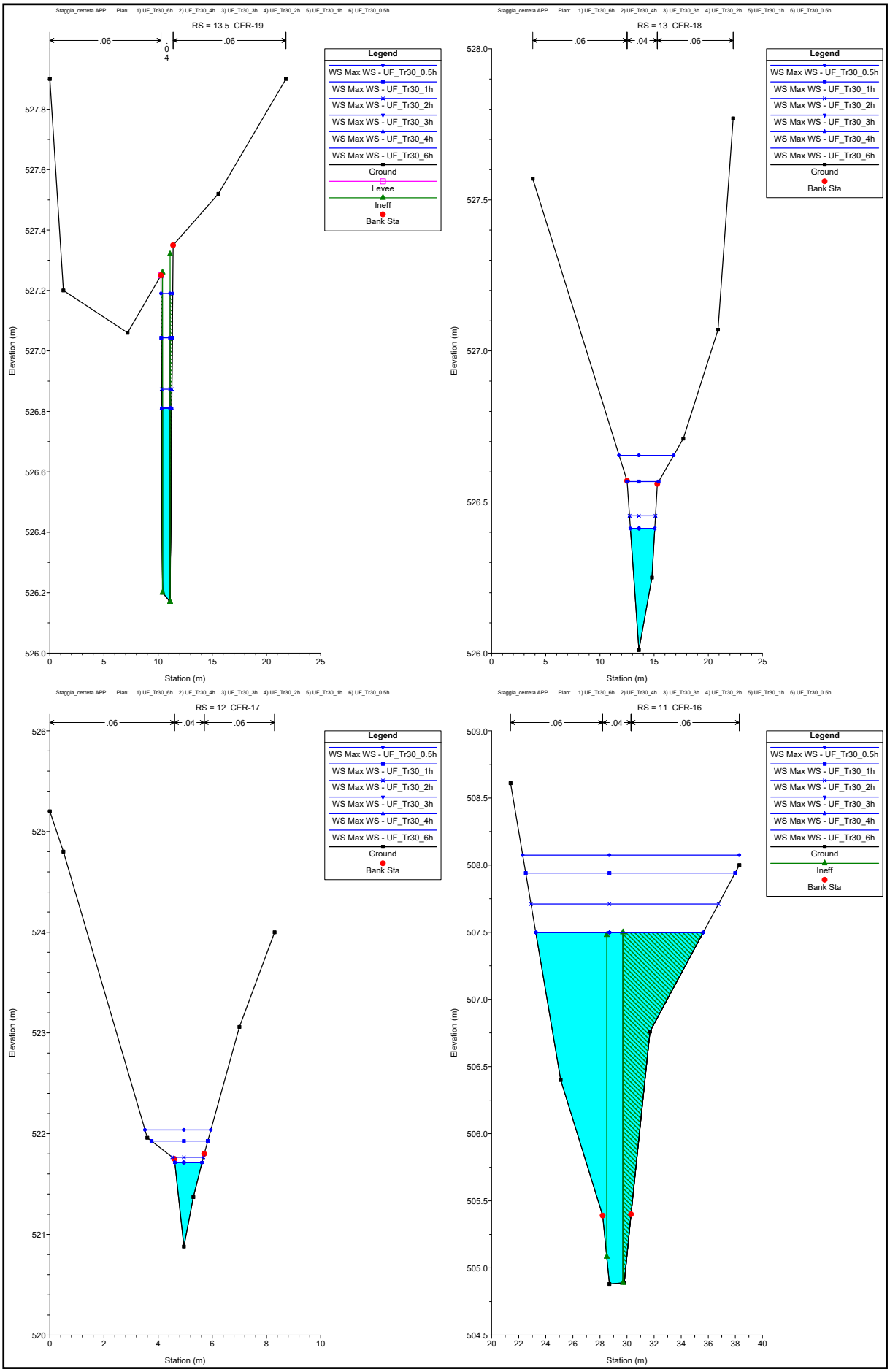
FOSSO DI CERRETA

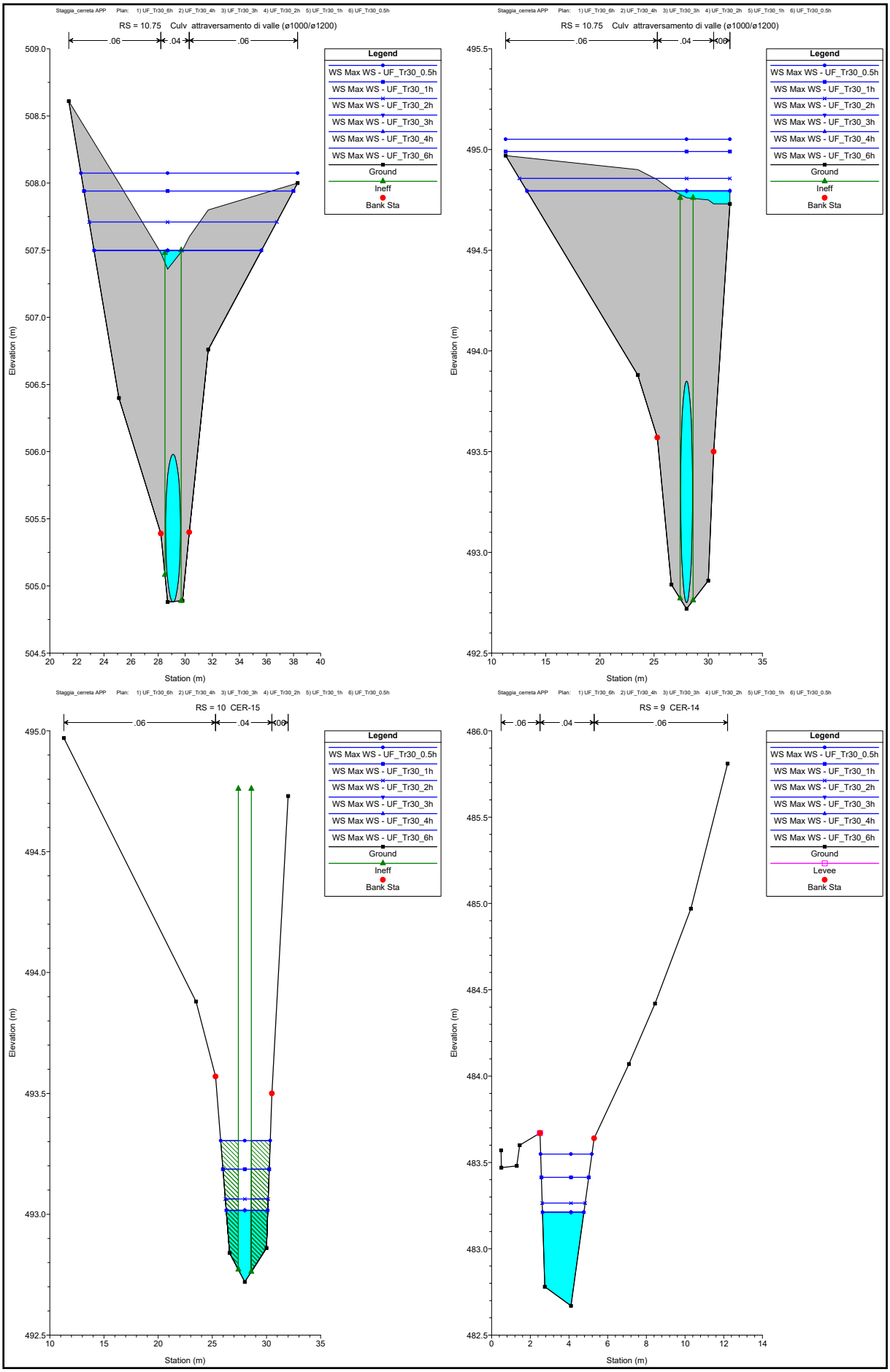
MODELLAZIONE PER TR= 30 anni

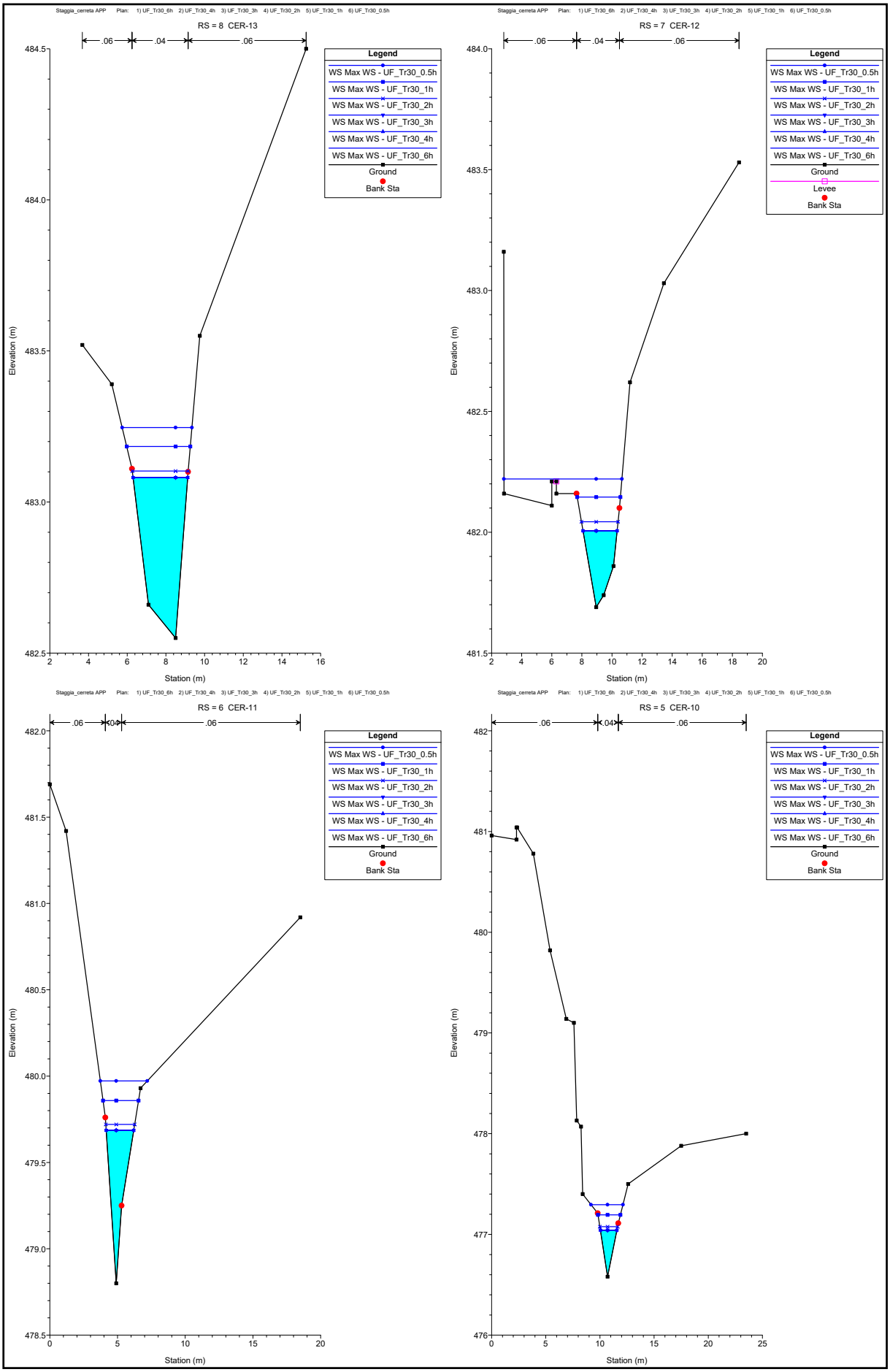
DURATE DI PIOGGIA: 0.5, 1, 2, 3, 4 e 6 h

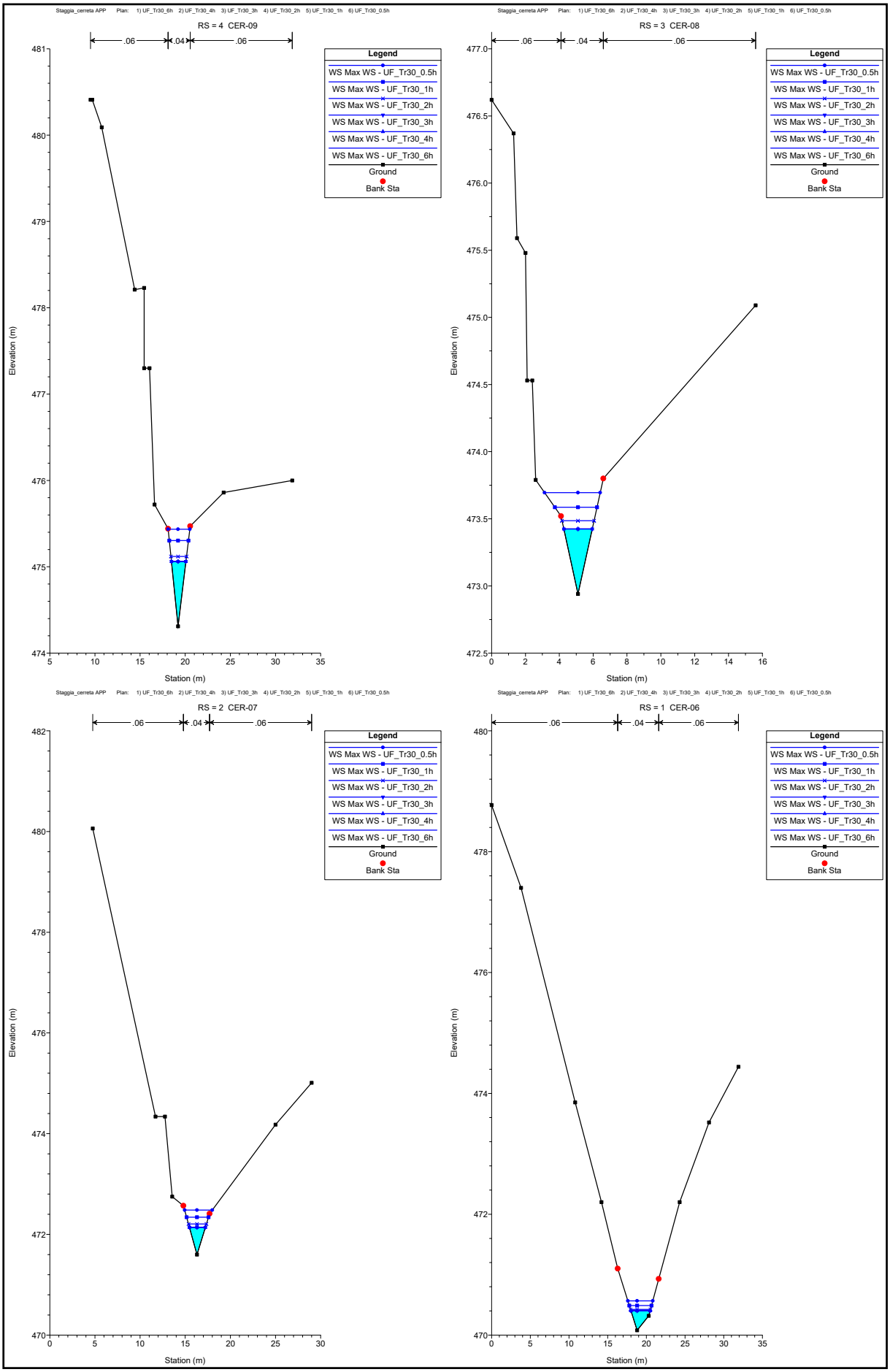
Sezioni Trasversali (da monte verso valle)

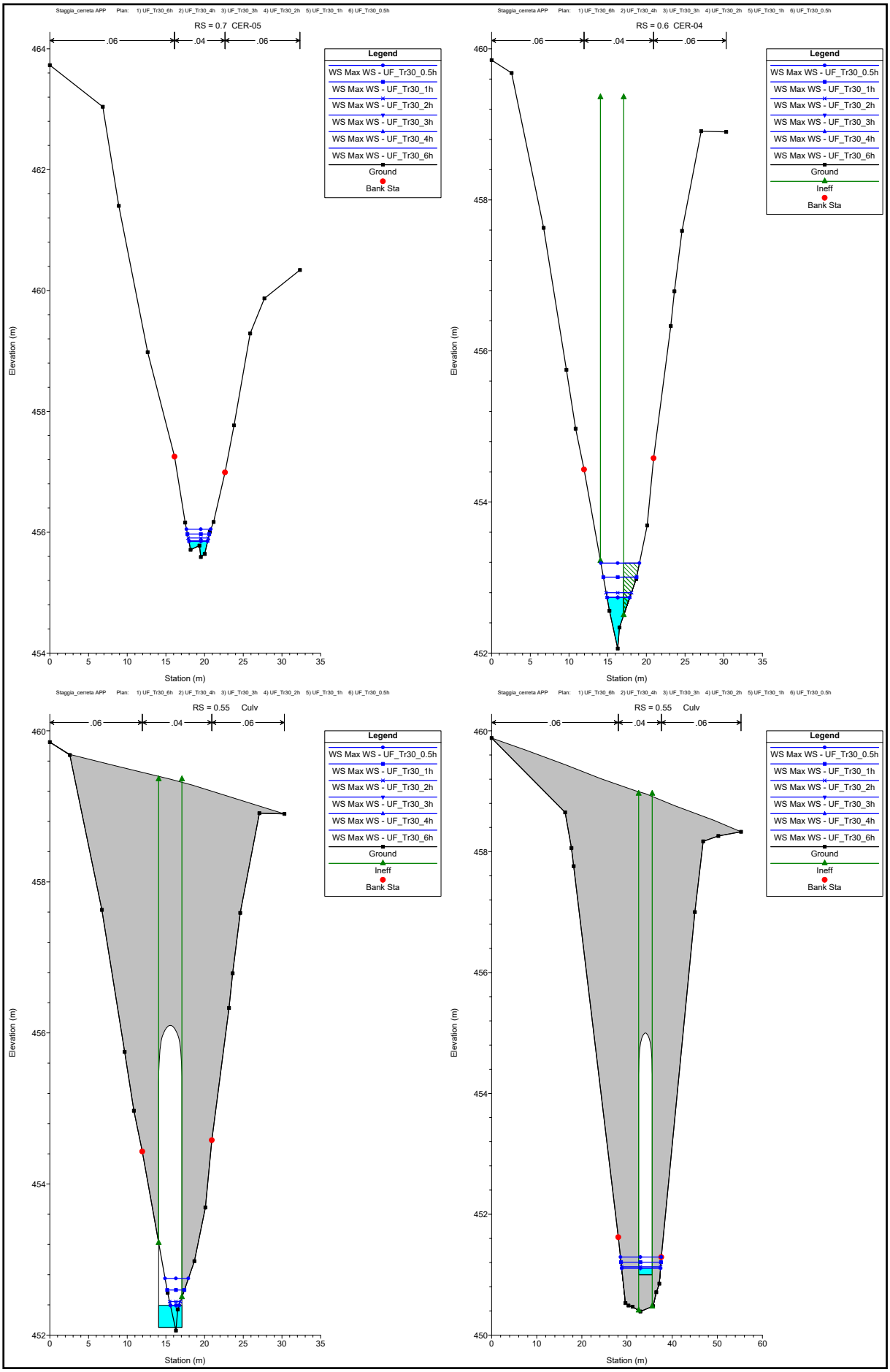

Staggia_cerreta APP Plan: 1) UF_Tr30_6h 2) UF_Tr30_4h 3) UF_Tr30_3h 4) UF_Tr30_2h 5) UF_Tr30_1h 6) UF_Tr30_0.5h
RS = 15 CER-21
.06
.04
.06
Legend
WS Max WS - UF_Tr30_0.5h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_4h
WS Max WS - UF_Tr30_6h
Ground
Bank Sta
Elevation (m)
Station (m)
Staggia_cerreta APP Plan: 1) UF_Tr30_6h 2) UF_Tr30_4h 3) UF_Tr30_3h 4) UF_Tr30_2h 5) UF_Tr30_1h 6) UF_Tr30_0.5h
RS = 14 CER-20
.06
.04
.06
Legend
WS Max WS - UF_Tr30_0.5h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_4h
WS Max WS - UF_Tr30_6h
Ground
Ineff
Bank Sta
Elevation (m)
Station (m)
Staggia_cerreta APP Plan: 1) UF_Tr30_6h 2) UF_Tr30_4h 3) UF_Tr30_3h 4) UF_Tr30_2h 5) UF_Tr30_1h 6) UF_Tr30_0.5h
RS = 13.75 Culv attraversamento ø600 viabilità di monte
.06
.04
.06
Legend
WS Max WS - UF_Tr30_0.5h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_4h
WS Max WS - UF_Tr30_6h
Ground
Ineff
Bank Sta
Elevation (m)
Station (m)
Staggia_cerreta APP Plan: 1) UF_Tr30_6h 2) UF_Tr30_4h 3) UF_Tr30_3h 4) UF_Tr30_2h 5) UF_Tr30_1h 6) UF_Tr30_0.5h
RS = 13.75 Culv attraversamento ø600 viabilità di monte
.06
.06
Legend
WS Max WS - UF_Tr30_0.5h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_4h
WS Max WS - UF_Tr30_6h
Ground
Levee
Ineff
Bank Sta
Elevation (m)
Station (m)

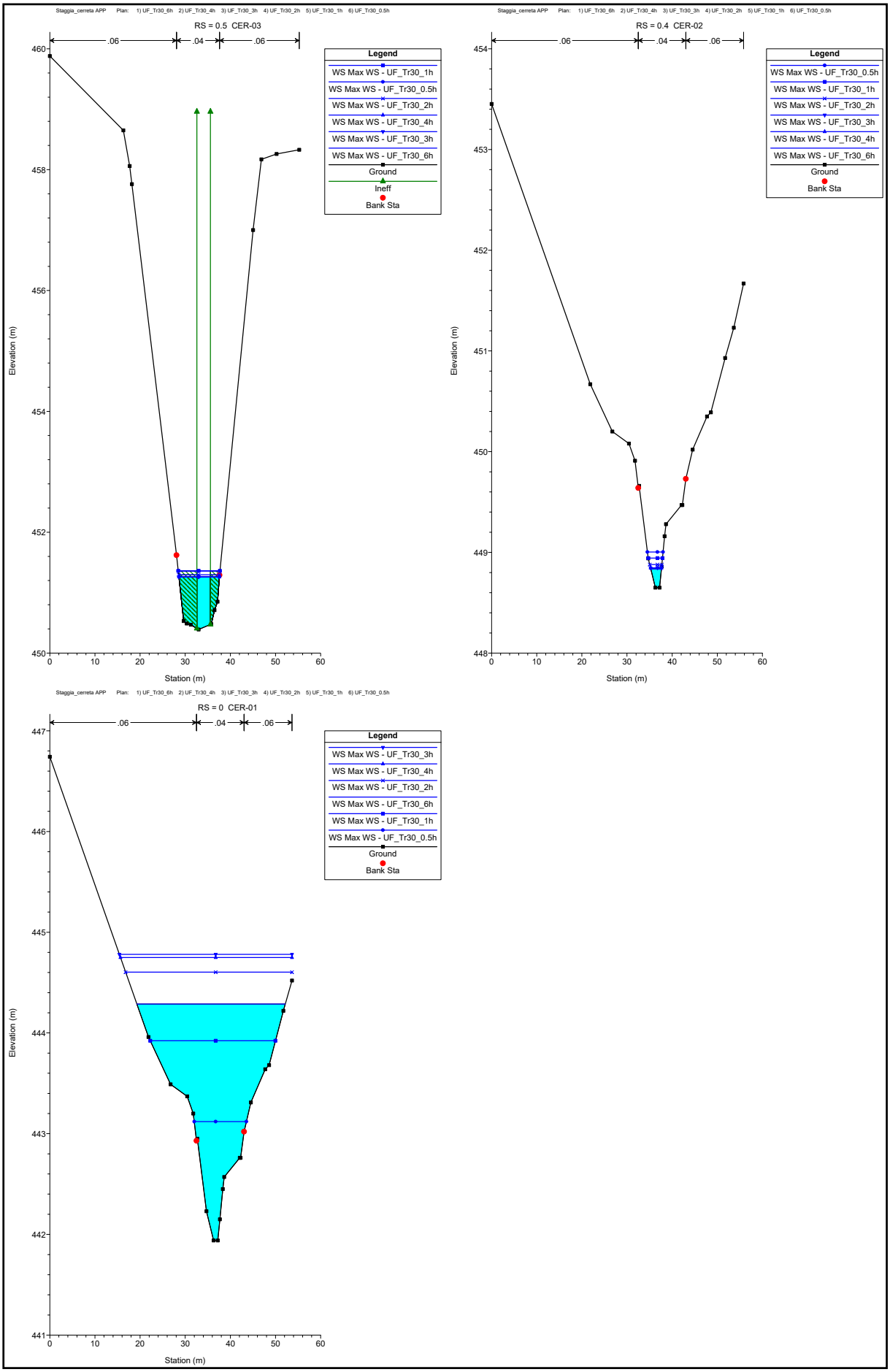

Staggia_cerreta APP Plan: 1) UF_Tr30_6h 2) UF_Tr30_4h 3) UF_Tr30_3h 4) UF_Tr30_2h 5) UF_Tr30_1h 6) UF_Tr30_0.5h
RS = 13.5 CER-19
.06
0
4
.06
Legend
WS Max WS - UF_Tr30_0.5h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_4h
WS Max WS - UF_Tr30_6h
Ground
Levee
Ineff
Bank Sta
Elevation (m)
Station (m)
RS = 13 CER-18
.06
.04
.06
Legend
WS Max WS - UF_Tr30_0.5h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_4h
WS Max WS - UF_Tr30_6h
Ground
Bank Sta
Elevation (m)
Station (m)
RS = 12 CER-17
.06
.04
.06
Legend
WS Max WS - UF_Tr30_0.5h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_4h
WS Max WS - UF_Tr30_6h
Ground
Bank Sta
Elevation (m)
Station (m)
RS = 11 CER-16
.06
.04
.06
Legend
WS Max WS - UF_Tr30_0.5h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_4h
WS Max WS - UF_Tr30_6h
Ground
Ineff
Bank Sta
Elevation (m)
Station (m)


Staggia_cerreta APP Plan: 1) UF_Tr30_6h 2) UF_Tr30_4h 3) UF_Tr30_3h 4) UF_Tr30_2h 5) UF_Tr30_1h 6) UF_Tr30_0.5h
RS = 10.75 Culv attraversamento di valle (ø1000/ø1200)
.06
.04
.06
Legend
WS Max WS - UF_Tr30_0.5h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_4h
WS Max WS - UF_Tr30_6h
Ground
Ineff
Bank Sta
Elevation (m)
Station (m)
RS = 10.75 Culv attraversamento di valle (ø1000/ø1200)
.06
.04
.00
RS = 10 CER-15
RS = 9 CER-14
Levee


Staggia_cerreta APP Plan: 1) UF_Tr30_6h 2) UF_Tr30_4h 3) UF_Tr30_3h 4) UF_Tr30_2h 5) UF_Tr30_1h 6) UF_Tr30_0.5h
RS = 8 CER-13
.06
.04
.06
Legend
WS Max WS - UF_Tr30_0.5h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_4h
WS Max WS - UF_Tr30_6h
Ground
Bank Sta
Elevation (m)
Station (m)
RS = 7 CER-12
Levee
RS = 6 CER-11
RS = 5 CER-10


Staggia_cerreta APP Plan: 1) UF_Tr30_6h 2) UF_Tr30_4h 3) UF_Tr30_3h 4) UF_Tr30_2h 5) UF_Tr30_1h 6) UF_Tr30_0.5h
RS = 4 CER-09
.06
.04
.06
Legend
WS Max WS - UF_Tr30_0.5h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_4h
WS Max WS - UF_Tr30_6h
Ground
Bank Sta
Elevation (m)
Station (m)
RS = 3 CER-08
RS = 2 CER-07
RS = 1 CER-06


Staggia_cerreta APP Plan: 1) UF_Tr30_6h 2) UF_Tr30_4h 3) UF_Tr30_3h 4) UF_Tr30_2h 5) UF_Tr30_1h 6) UF_Tr30_0.5h
RS = 0.7 CER-05
.06
.04
.06
Legend
WS Max WS - UF_Tr30_0.5h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_4h
WS Max WS - UF_Tr30_6h
Ground
Bank Sta
Elevation (m)
Station (m)
Staggia_cerreta APP Plan: 1) UF_Tr30_6h 2) UF_Tr30_4h 3) UF_Tr30_3h 4) UF_Tr30_2h 5) UF_Tr30_1h 6) UF_Tr30_0.5h
RS = 0.6 CER-04
.06
.04
.06
Legend
WS Max WS - UF_Tr30_0.5h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_4h
WS Max WS - UF_Tr30_6h
Ground
Ineff
Bank Sta
Elevation (m)
Station (m)
Staggia_cerreta APP Plan: 1) UF_Tr30_6h 2) UF_Tr30_4h 3) UF_Tr30_3h 4) UF_Tr30_2h 5) UF_Tr30_1h 6) UF_Tr30_0.5h
RS = 0.55 Culv
.06
.04
.06
Legend
WS Max WS - UF_Tr30_0.5h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_4h
WS Max WS - UF_Tr30_6h
Ground
Ineff
Bank Sta
Elevation (m)
Station (m)
Staggia_cerreta APP Plan: 1) UF_Tr30_6h 2) UF_Tr30_4h 3) UF_Tr30_3h 4) UF_Tr30_2h 5) UF_Tr30_1h 6) UF_Tr30_0.5h
RS = 0.55 Culv
.06
.04
.06
Legend
WS Max WS - UF_Tr30_0.5h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_4h
WS Max WS - UF_Tr30_6h
Ground
Ineff
Bank Sta
Elevation (m)
Station (m)


Staggia_cerreta APP Plan: 1) UF_Tr30_6h 2) UF_Tr30_4h 3) UF_Tr30_3h 4) UF_Tr30_2h 5) UF_Tr30_1h 6) UF_Tr30_0.5h
RS = 0.5 CER-03
.06
.04
.06
Legend
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_0.5h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_4h
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_6h
Ground
Ineff
Bank Sta
Elevation (m)
Station (m)
RS = 0.4 CER-02
RS = 0 CER-01

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "STAGGIA_CERRETA_APP"

FOSSO DI CERRETA

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 0.5, 1, 2, 3, 4 e 6 h

Dati idraulici

HEC-RAS River: Fosso di Cerreta Reach: Cerreta Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Cerreta	15	Max WS	UF_Tr30_6h	1.50	527.74	528.21		528.32	0.017865	1.47			1.02	3.33	0.85
Cerreta	15	Max WS	UF_Tr30_4h	1.50	527.74	528.21		528.32	0.017865	1.47			1.02	3.33	0.85
Cerreta	15	Max WS	UF_Tr30_3h	1.50	527.74	528.21		528.32	0.017865	1.47			1.02	3.33	0.85
Cerreta	15	Max WS	UF_Tr30_2h	1.90	527.74	528.27		528.39	0.017152	1.55			1.23	3.58	0.84
Cerreta	15	Max WS	UF_Tr30_1h	3.30	527.74	528.43		528.59	0.015854	1.75			1.89	4.26	0.84
Cerreta	15	Max WS	UF_Tr30_0.5h	5.00	527.74	528.59		528.78	0.014938	1.91			2.61	4.91	0.84
Cerreta	14	Max WS	UF_Tr30_6h	1.50	526.38	527.79		527.86	0.007875	1.19	0.31	0.33	1.54	5.61	0.49
Cerreta	14	Max WS	UF_Tr30_4h	1.50	526.38	527.79		527.86	0.007875	1.19	0.31	0.33	1.54	5.61	0.49
Cerreta	14	Max WS	UF_Tr30_3h	1.50	526.38	527.79		527.86	0.007875	1.19	0.31	0.33	1.54	5.61	0.49
Cerreta	14	Max WS	UF_Tr30_2h	1.90	526.38	527.87		527.94	0.007317	1.24	0.38	0.41	2.02	6.70	0.48
Cerreta	14	Max WS	UF_Tr30_1h	3.30	526.38	527.98		528.09	0.010289	1.63	0.60	0.61	2.85	7.79	0.59
Cerreta	14	Max WS	UF_Tr30_0.5h	4.94	526.38	528.11		528.24	0.010677	1.84	0.82	0.75	3.86	8.10	0.61
Cerreta	13.75			Culvert											
Cerreta	13.5	Max WS	UF_Tr30_6h	1.50	526.17	526.81	526.96	527.41	0.035092	3.42			0.44	0.93	1.38
Cerreta	13.5	Max WS	UF_Tr30_4h	1.50	526.17	526.81	526.96	527.41	0.035092	3.42			0.44	0.93	1.38
Cerreta	13.5	Max WS	UF_Tr30_3h	1.50	526.17	526.81	526.96	527.41	0.035092	3.42			0.44	0.93	1.38
Cerreta	13.5	Max WS	UF_Tr30_2h	1.90	526.17	526.87	527.28	527.67	0.040994	3.94			0.48	0.96	1.52
Cerreta	13.5	Max WS	UF_Tr30_1h	3.30	526.17	527.04	527.34	528.58	0.059092	5.49			0.60	1.02	1.89
Cerreta	13.5	Max WS	UF_Tr30_0.5h	4.94	526.17	527.19	527.41	529.71	0.078587	7.03			0.70	1.07	2.24
Cerreta	13	Max WS	UF_Tr30_6h	1.50	526.01	526.41	526.54	526.84	0.103530	2.89			0.52	2.25	1.92
Cerreta	13	Max WS	UF_Tr30_4h	1.50	526.01	526.41	526.54	526.84	0.103530	2.89			0.52	2.25	1.92
Cerreta	13	Max WS	UF_Tr30_3h	1.50	526.01	526.41	526.54	526.84	0.103530	2.89			0.52	2.25	1.92
Cerreta	13	Max WS	UF_Tr30_2h	1.90	526.01	526.45	526.61	526.94	0.102764	3.08			0.62	2.40	1.94
Cerreta	13	Max WS	UF_Tr30_1h	3.30	526.01	526.57	526.79	527.23	0.104203	3.61		0.13	0.91	2.92	2.02
Cerreta	13	Max WS	UF_Tr30_0.5h	4.94	526.01	526.65	526.92	527.55	0.103789	4.22	0.65	0.70	1.26	5.05	2.10
Cerreta	12.59			Lat Struct											
Cerreta	12	Max WS	UF_Tr30_6h	1.50	520.88	521.71	521.97	522.43	0.187765	3.75			0.40	1.00	1.89
Cerreta	12	Max WS	UF_Tr30_4h	1.50	520.88	521.71	521.97	522.43	0.187765	3.75			0.40	1.00	1.89
Cerreta	12	Max WS	UF_Tr30_3h	1.50	520.88	521.71	521.97	522.43	0.187765	3.75			0.40	1.00	1.89
Cerreta	12	Max WS	UF_Tr30_2h	1.90	520.88	521.77	522.06	522.65	0.211820	4.18	0.30		0.46	1.14	2.04
Cerreta	12	Max WS	UF_Tr30_1h	3.29	520.88	521.93	522.27	523.17	0.203757	5.03	1.47	0.96	0.72	2.08	2.12
Cerreta	12	Max WS	UF_Tr30_0.5h	4.94	520.88	522.04	522.46	523.67	0.223080	5.91	2.36	1.53	0.97	2.43	2.28
Cerreta	11.99			Lat Struct											
Cerreta	11	Max WS	UF_Tr30_6h	1.50	504.88	507.50		507.50	0.000031	0.24	0.10		9.78	12.37	0.05
Cerreta	11	Max WS	UF_Tr30_4h	1.50	504.88	507.50		507.50	0.000031	0.24	0.10		9.78	12.37	0.05
Cerreta	11	Max WS	UF_Tr30_3h	1.50	504.88	507.50		507.50	0.000031	0.24	0.10		9.78	12.37	0.05
Cerreta	11	Max WS	UF_Tr30_2h	1.90	504.88	507.71		507.71	0.000019	0.19	0.08	0.05	17.43	13.85	0.04
Cerreta	11	Max WS	UF_Tr30_1h	3.29	504.88	507.94		507.94	0.000038	0.28	0.12	0.09	20.81	15.47	0.05
Cerreta	11	Max WS	UF_Tr30_0.5h	4.93	504.88	508.07		508.08	0.000068	0.38	0.17	0.12	22.92	16.00	0.07
Cerreta	10.75			Culvert											
Cerreta	10	Max WS	UF_Tr30_6h	1.50	492.72	493.02	493.29	494.08	0.189756	4.58			0.33	3.84	2.80
Cerreta	10	Max WS	UF_Tr30_4h	1.50	492.72	493.02	493.29	494.08	0.189756	4.58			0.33	3.84	2.80
Cerreta	10	Max WS	UF_Tr30_3h	1.50	492.72	493.02	493.29	494.08	0.189756	4.58			0.33	3.84	2.80
Cerreta	10	Max WS	UF_Tr30_2h	1.90	492.72	493.06	493.38	494.31	0.180009	4.95			0.38	3.96	2.80
Cerreta	10	Max WS	UF_Tr30_1h	3.29	492.72	493.19	493.66	495.14	0.182190	6.19			0.53	4.27	2.97
Cerreta	10	Max WS	UF_Tr30_0.5h	4.93	492.72	493.30	493.94	496.04	0.185904	7.32			0.67	4.57	3.12
Cerreta	9.99			Lat Struct											
Cerreta	9.98			Lat Struct											
Cerreta	9	Max WS	UF_Tr30_6h	1.50	482.67	483.21		483.37	0.021649	1.74			0.86	2.14	0.87
Cerreta	9	Max WS	UF_Tr30_4h	1.50	482.67	483.21		483.37	0.021649	1.74			0.86	2.14	0.87
Cerreta	9	Max WS	UF_Tr30_3h	1.50	482.67	483.21		483.37	0.021649	1.74			0.86	2.14	0.87
Cerreta	9	Max WS	UF_Tr30_2h	1.90	482.67	483.26		483.46	0.024400	1.94			0.98	2.22	0.93
Cerreta	9	Max WS	UF_Tr30_1h	3.29	482.67	483.41	483.45	483.73	0.031649	2.48			1.33	2.45	1.07
Cerreta	9	Max WS	UF_Tr30_0.5h	4.93	482.67	483.55	483.63	483.99	0.037857	2.94			1.67	2.65	1.18
Cerreta	8	Max WS	UF_Tr30_6h	1.50	482.55	483.08		483.20	0.016443	1.50			1.00	2.82	0.80
Cerreta	8	Max WS	UF_Tr30_4h	1.50	482.55	483.08		483.20	0.016443	1.50			1.00	2.82	0.80
Cerreta	8	Max WS	UF_Tr30_3h	1.50	482.55	483.08		483.20	0.016443	1.50			1.00	2.82	0.80
Cerreta	8	Max WS	UF_Tr30_2h	1.90	482.55	483.10	483.08	483.27	0.022284	1.79			1.06	2.89	0.94
Cerreta	8	Max WS	UF_Tr30_1h	3.29	482.55	483.18	483.25	483.51	0.034511	2.53	0.34	0.32	1.31	3.29	1.21
Cerreta	8	Max WS	UF_Tr30_0.5h	4.92	482.55	483.25	483.41	483.80	0.049322	3.31	0.60	0.56	1.53	3.61	1.48
Cerreta	7	Max WS	UF_Tr30_6h	1.50	481.69	482.01	482.18	482.61	0.183393	3.45			0.43	2.27	2.52
Cerreta	7	Max WS	UF_Tr30_4h	1.50	481.69	482.01	482.18	482.61	0.183393	3.45			0.43	2.27	2.52
Cerreta	7	Max WS	UF_Tr30_3h	1.50	481.69	482.01	482.18	482.61	0.183393	3.45			0.43	2.27	2.52
Cerreta	7	Max WS	UF_Tr30_2h	1.90	481.69	482.04	482.25	482.72	0.175663	3.63			0.52	2.43	2.50
Cerreta	7	Max WS	UF_Tr30_1h	3.29	481.69	482.15	482.35	483.02	0.160606	4.15		0.46	0.79	2.87	2.50
Cerreta	7	Max WS	UF_Tr30_0.5h	4.93	481.69	482.22	482.44	483.18	0.140466	4.51	1.07	0.83	1.37	7.84	2.42
Cerreta	6	Max WS	UF_Tr30_6h	1.50	478.80	479.69	479.70	479.91	0.032923	2.20		1.02	0.79	2.04	0.97
Cerreta	6	Max WS	UF_Tr30_4h	1.50	478.80	479.69	479.70	479.91	0.032923	2.20		1.02	0.79	2.04	0.97
Cerreta	6	Max WS	UF_Tr30_3h	1.50	478.80	479.69	479.70	479.91	0.032923	2.20		1.02	0.79	2.04	0.97
Cerreta	6	Max WS	UF_Tr30_2h	1.90	478.80	479.72	479.78	480.02	0.042801	2.57		1.22	0.86	2.13	1.12
Cerreta	6	Max WS	UF_Tr30_1h	3.29	478.80	479.86	479.93	480.34	0.055050	3.34	0.48	1.65	1.19	2.63	1.31
Cerreta	6	Max WS	UF_Tr30_0.5h	4.92	478.80	479.97	480.27	480.71	0.069866	4.18	0.90	1.82	1.52	3.47	1.51
Cerreta	5	Max WS	UF_Tr30_6h	1.50	476.58	477.04	477.28	477.96	0.250852	4.24			0.35	1.53	2.82
Cerreta	5	Max WS	UF_Tr30_4h	1.50	476.58	477.04	477.28	477.96	0.250852	4.24			0.35	1.53	2.82
Cerreta	5	Max WS	UF_Tr30_3h	1.50	476.58	477.04	477.28	477.96	0.250852	4.24			0.35	1.53	2.82
Cerreta	5	Max WS	UF_Tr30_2h	1.90	476.58	477.08	477.35	478.18	0.274093	4.65			0.41	1.65	2.98
Cerreta	5	Max WS	UF_Tr30_1h	3.29	476.58	477.19	477.54	478.63	0.245998	5.31		0.94	0.63	2.07	2.96
Cerreta	5	Max WS	UF_Tr30_0.5h	4.92	476.58	477.30	477.72	479.08	0.220346	5.97	0.95	1.51	0.88	2.95	2.92
Cerreta	4	Max WS	UF_Tr30_6h	1.50	474.31	475.06	475.14	475.38	0.055375	2.48			0.60	1.61	1.29
Cerreta	4	Max WS	UF_Tr30_4h	1.50	474.31	475.06	475.14	475.38	0.055371	2.48			0.60	1.61	1.29
Cerreta	4	Max WS	UF_Tr30_3h	1.50	474.31	475.06	475.14	475.38	0.055375	2.48			0.60	1.61	1.29
Cerreta	4	Max WS	UF_Tr30_2h	1.90	474.31	475.12	475.23	475.49	0.059686	2.71			0.70	1.73	1.36
Cerreta	4	Max WS	UF_Tr30_1h	3.29	474.31	475.30	475.45	475.80	0.060414	3.12			1.05	2.12	1.41
Cerreta	4	Max WS	UF_Tr30_0.5h	4.92	474.31	475.43	475.70	476.11	0.069668	3.64			1.35	2.40	1.55
Cerreta	3	Max WS	UF_Tr30_6h	1.50	472.94	473.42	473.63	474.12	0.174005	3.68			0.41	1.68	2.39
Cerreta	3	Max WS	UF_Tr30_4h	1.50	472.94	473.42	473.63	474.12	0.174005	3.68			0.41	1.68	2.39
Cerreta	3	Max WS	UF_Tr30_3h	1.50	472.94	473.42	473.63	474.12	0.174005	3.68			0.41	1.68	2.39
Cerreta	3	Max WS	UF_Tr30_2h	1.90	472.94	473.49	473.70	474.17	0.147075	3.67			0.52	1.90	2.24
Cerreta	3	Max WS	UF_Tr30_1h	3.29	472.94	473.59	473.87	474.64	0.171040	4.56	0.70		0.73	2.49	2.50
Cerreta	3	Max WS	UF_Tr30_0.5h	4.92	472.94	473.69	474.02	474.95	0.156557	5.00	1.29		1.05	3.29	2.48
Cerreta	2	Max WS	UF_Tr30_6h	1.50	471.60	472.14	472.30	472.64	0.112445	3.15			0.48	1.77	1.94

HEC-RAS River: Fosso di Cerreta Reach: Cerreta Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Cerreta	2	Max WS	UF_Tr30_4h	1.50	471.60	472.14	472.30	472.64	0.112445	3.15			0.48	1.77	1.94
Cerreta	2	Max WS	UF_Tr30_3h	1.50	471.60	472.14	472.30	472.64	0.112445	3.15			0.48	1.77	1.94
Cerreta	2	Max WS	UF_Tr30_2h	1.90	471.60	472.21	472.37	472.72	0.097077	3.16			0.60	1.98	1.83
Cerreta	2	Max WS	UF_Tr30_1h	3.29	471.60	472.34	472.56	473.03	0.099915	3.67			0.90	2.43	1.92
Cerreta	2	Max WS	UF_Tr30_0.5h	4.92	471.60	472.48	472.74	473.25	0.083819	3.87		0.52	1.28	3.06	1.83
Cerreta	1	Max WS	UF_Tr30_6h	1.50	470.08	470.40	470.57	471.00	0.195994	3.41			0.44	2.47	2.58
Cerreta	1	Max WS	UF_Tr30_4h	1.50	470.08	470.40	470.57	471.00	0.195994	3.41			0.44	2.47	2.58
Cerreta	1	Max WS	UF_Tr30_3h	1.50	470.08	470.40	470.57	471.00	0.195994	3.41			0.44	2.47	2.58
Cerreta	1	Max WS	UF_Tr30_2h	1.90	470.08	470.42	470.62	471.18	0.225030	3.84			0.49	2.57	2.80
Cerreta	1	Max WS	UF_Tr30_1h	3.29	470.08	470.49	470.77	471.72	0.284672	4.91			0.67	2.86	3.24
Cerreta	1	Max WS	UF_Tr30_0.5h	4.92	470.08	470.57	470.91	472.07	0.274917	5.44			0.91	3.22	3.27
Cerreta	0.7	Max WS	UF_Tr30_6h	1.50	455.59	455.85	456.06	456.92	0.535576	4.58			0.33	2.43	3.98
Cerreta	0.7	Max WS	UF_Tr30_4h	1.50	455.59	455.85	456.06	456.92	0.535576	4.58			0.33	2.43	3.98
Cerreta	0.7	Max WS	UF_Tr30_3h	1.50	455.59	455.85	456.06	456.92	0.535576	4.58			0.33	2.43	3.98
Cerreta	0.7	Max WS	UF_Tr30_2h	1.90	455.59	455.90	456.11	456.78	0.307668	4.14			0.46	2.60	3.15
Cerreta	0.7	Max WS	UF_Tr30_1h	3.29	455.59	455.97	456.26	457.34	0.351133	5.18			0.64	2.82	3.49
Cerreta	0.7	Max WS	UF_Tr30_0.5h	4.92	455.59	456.05	456.40	457.66	0.312966	5.62			0.88	3.14	3.40
Cerreta	0.6	Max WS	UF_Tr30_6h	1.50	452.06	452.74		452.93	0.028216	1.94			0.77	2.93	1.03
Cerreta	0.6	Max WS	UF_Tr30_4h	1.50	452.06	452.74		452.93	0.028216	1.94			0.77	2.93	1.03
Cerreta	0.6	Max WS	UF_Tr30_3h	1.50	452.06	452.74		452.93	0.028216	1.94			0.77	2.93	1.03
Cerreta	0.6	Max WS	UF_Tr30_2h	1.90	452.06	452.80		453.02	0.027598	2.07			0.92	3.27	1.04
Cerreta	0.6	Max WS	UF_Tr30_1h	3.29	452.06	453.01		453.28	0.023581	2.32			1.42	4.28	1.01
Cerreta	0.6	Max WS	UF_Tr30_0.5h	4.92	452.06	453.19		453.52	0.021810	2.54			1.93	4.98	1.00
Cerreta	0.55			Culvert											
Cerreta	0.5	Max WS	UF_Tr30_6h	1.50	450.39	451.26		451.28	0.000733	0.60			2.50	8.96	0.21
Cerreta	0.5	Max WS	UF_Tr30_4h	1.50	450.39	451.26		451.28	0.000727	0.60			2.51	8.97	0.21
Cerreta	0.5	Max WS	UF_Tr30_3h	1.50	450.39	451.26		451.28	0.000732	0.60			2.50	8.96	0.21
Cerreta	0.5	Max WS	UF_Tr30_2h	1.90	450.39	451.29		451.32	0.001033	0.73			2.60	9.04	0.25
Cerreta	0.5	Max WS	UF_Tr30_1h	3.18	450.39	451.36		451.43	0.002265	1.14			2.80	9.23	0.38
Cerreta	0.5	Max WS	UF_Tr30_0.5h	2.67	450.39	451.36		451.40	0.001612	0.96			2.79	9.22	0.32
Cerreta	0.4	Max WS	UF_Tr30_6h	1.50	448.65	448.84	449.04	450.07	0.608060	4.91			0.31	2.36	4.36
Cerreta	0.4	Max WS	UF_Tr30_4h	1.50	448.65	448.85	449.04	449.91	0.499420	4.57			0.33	2.43	3.98
Cerreta	0.4	Max WS	UF_Tr30_3h	1.50	448.65	448.85	449.04	449.90	0.493089	4.55			0.33	2.44	3.95
Cerreta	0.4	Max WS	UF_Tr30_2h	1.90	448.65	448.88	449.09	449.95	0.420715	4.58			0.41	2.69	3.73
Cerreta	0.4	Max WS	UF_Tr30_1h	3.31	448.65	448.94	449.23	450.47	0.455201	5.48			0.60	3.17	4.01
Cerreta	0.4	Max WS	UF_Tr30_0.5h	4.90	448.65	449.00	449.38	450.91	0.439997	6.11			0.80	3.47	4.06
Cerreta	0.3			Lat Struct											
Cerreta	0	Max WS	UF_Tr30_6h	1.55	441.94	444.29		444.29	0.000003	0.06	0.02	0.02	33.64	32.89	0.02
Cerreta	0	Max WS	UF_Tr30_4h	2.02	441.94	444.75		444.75	0.000002	0.06	0.02	0.02	50.18	38.02	0.01
Cerreta	0	Max WS	UF_Tr30_3h	2.11	441.94	444.78		444.78	0.000002	0.06	0.02	0.02	51.34	38.26	0.01
Cerreta	0	Max WS	UF_Tr30_2h	1.87	441.94	444.60		444.60	0.000002	0.06	0.02	0.02	44.75	36.88	0.01
Cerreta	0	Max WS	UF_Tr30_1h	1.47	441.94	443.92		443.92	0.000007	0.08	0.02	0.03	22.55	27.74	0.02
Cerreta	0	Max WS	UF_Tr30_0.5h	1.50	441.94	443.12		443.12	0.000140	0.22	0.04	0.03	6.94	11.56	0.09

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "STAGGIA_CERRETA_APP"

STAGGIA

MODELLAZIONE PER TR=30 e 200 ANNI

DURATA DI PIOGGIA: 0.5, 1, 2, 3, 4 e 6 h

Profilo longitudinale

Sezioni Trasversali

Dati idraulici

ALLEGATI

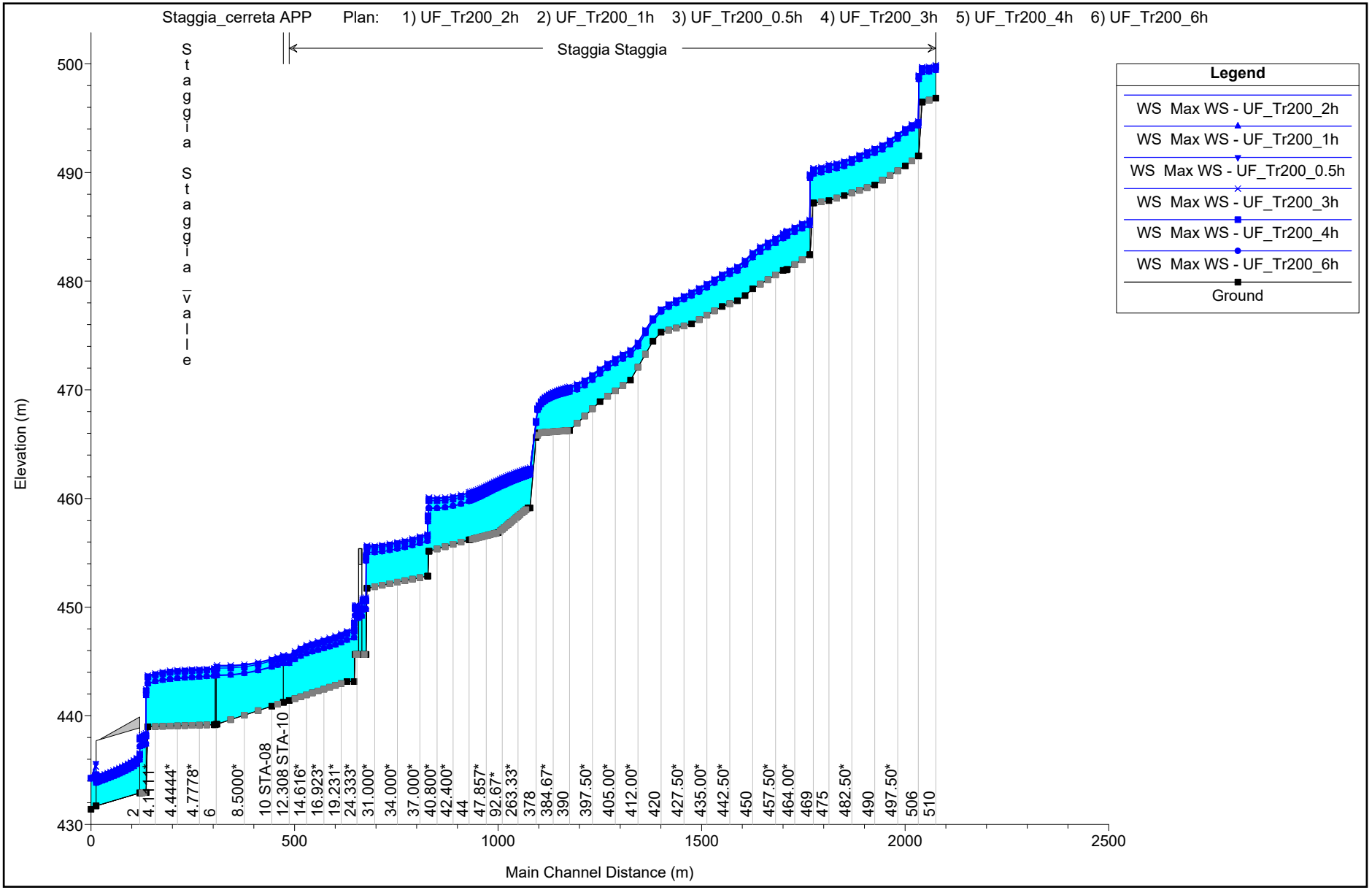
MODELLAZIONE HEC-RAS 5.0.7 "STAGGIA_CERRETA_APP"

STAGGIA

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 0.5, 1, 2, 3, 4 e 6 h

Profilo longitudinale


Staggia_cerreta APP
Plan: 1) UF_Tr200_2h 2) UF_Tr200_1h 3) UF_Tr200_0.5h 4) UF_Tr200_3h 5) UF_Tr200_4h 6) UF_Tr200_6h
Staggia Staggia
Staggia Staggia_valle
Legend
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_1h
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_4h
WS Max WS - UF_Tr200_6h
Ground
Elevation (m)
Main Channel Distance (m)
500
490
480
470
460
450
440
430
0
500
1000
1500
2000
2500
2
4.111*
4.4444*
4.7778*
6
8.5000*
10 STA-08
12.308 STA-10
14.616*
16.923*
19.231*
24.333*
31.000*
34.000*
37.000*
40.800*
42.400*
44
47.857*
92.67*
263.33*
378
384.67*
390
397.50*
405.00*
412.00*
420
427.50*
435.00*
442.50*
450
457.50*
464.00*
469
475
482.50*
490
497.50*
506
510

ALLEGATI

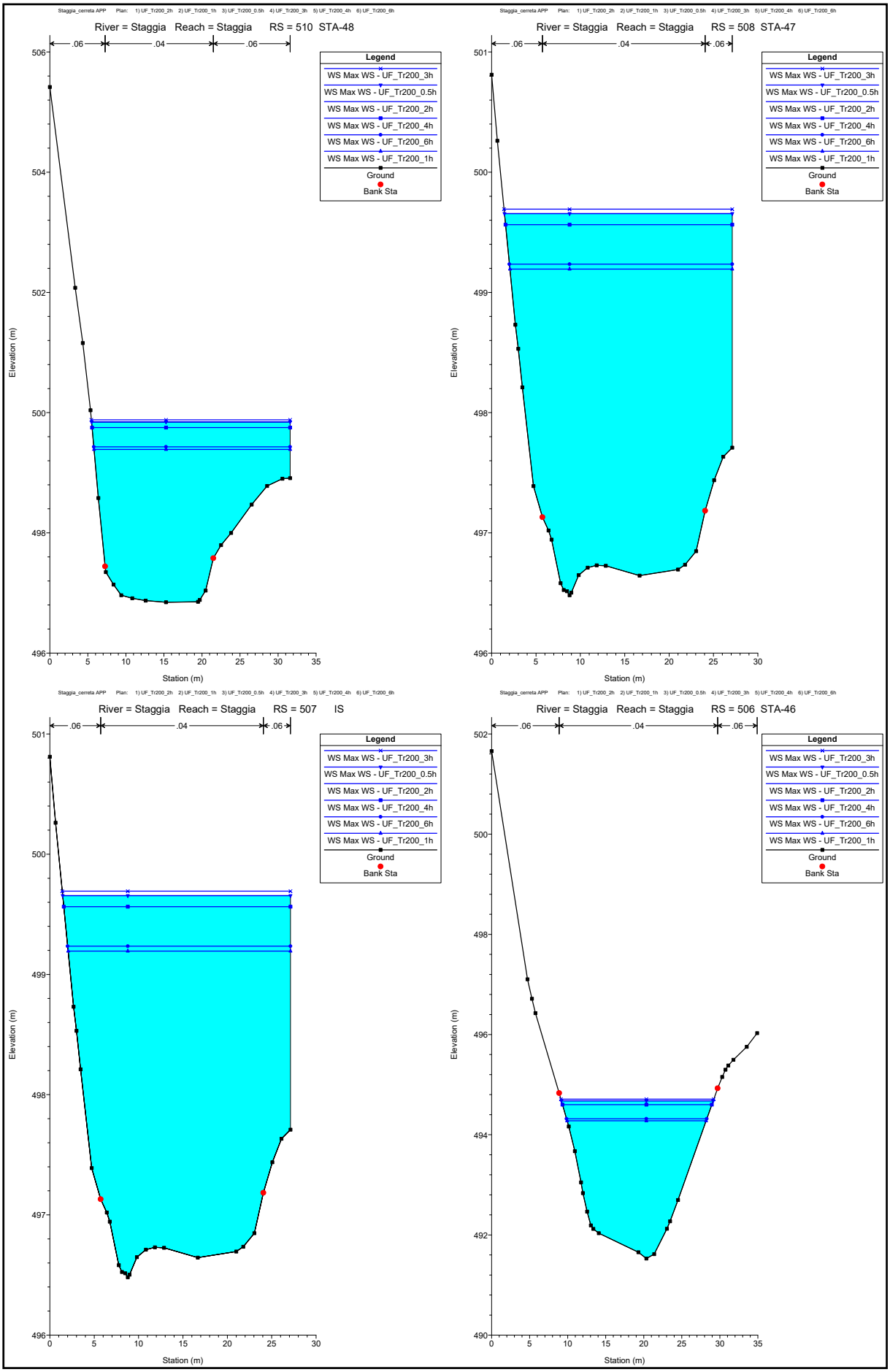
MODELLAZIONE HEC-RAS 5.0.7 "STAGGIA_CERRETA_APP"

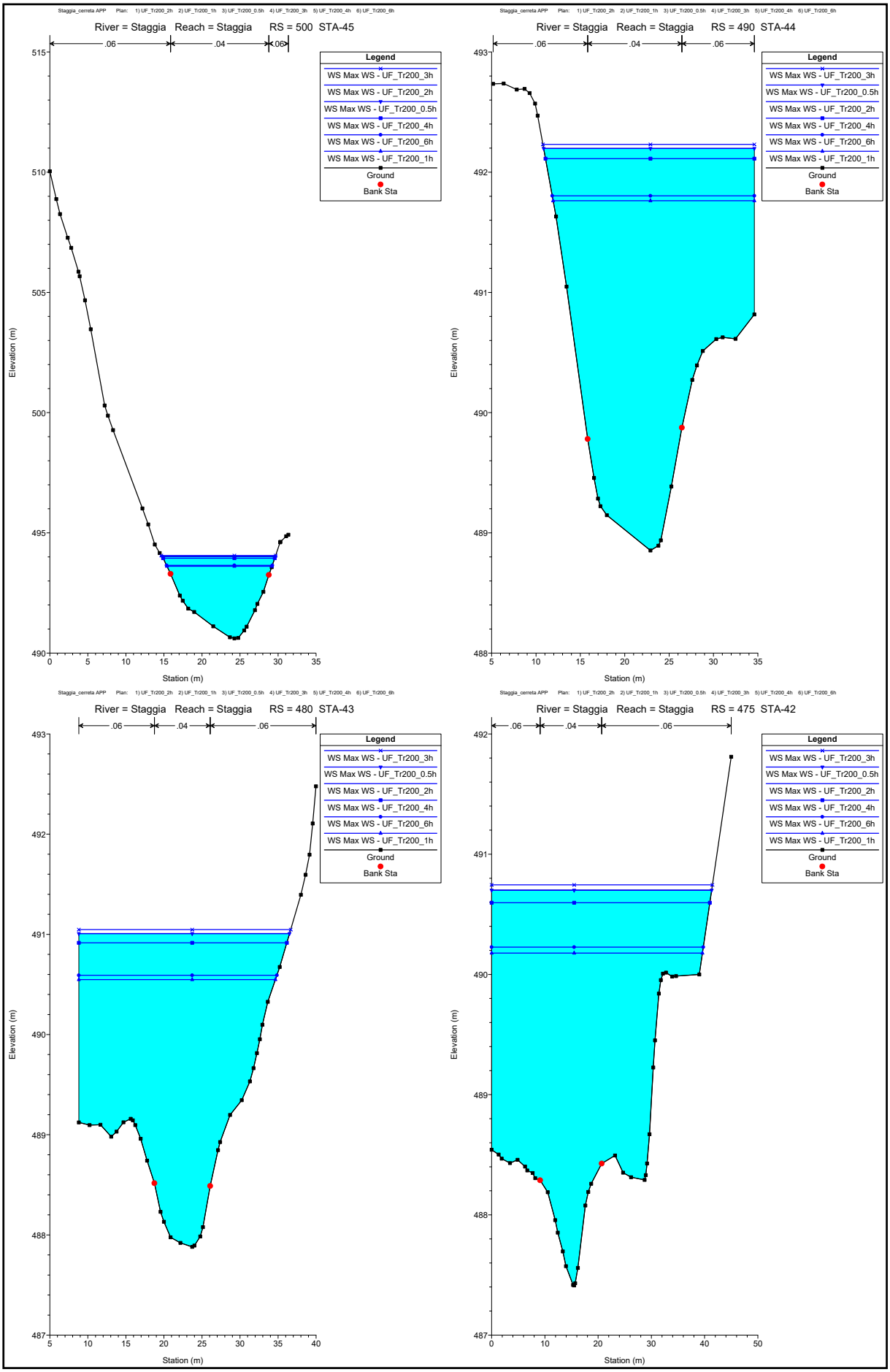
STAGGIA

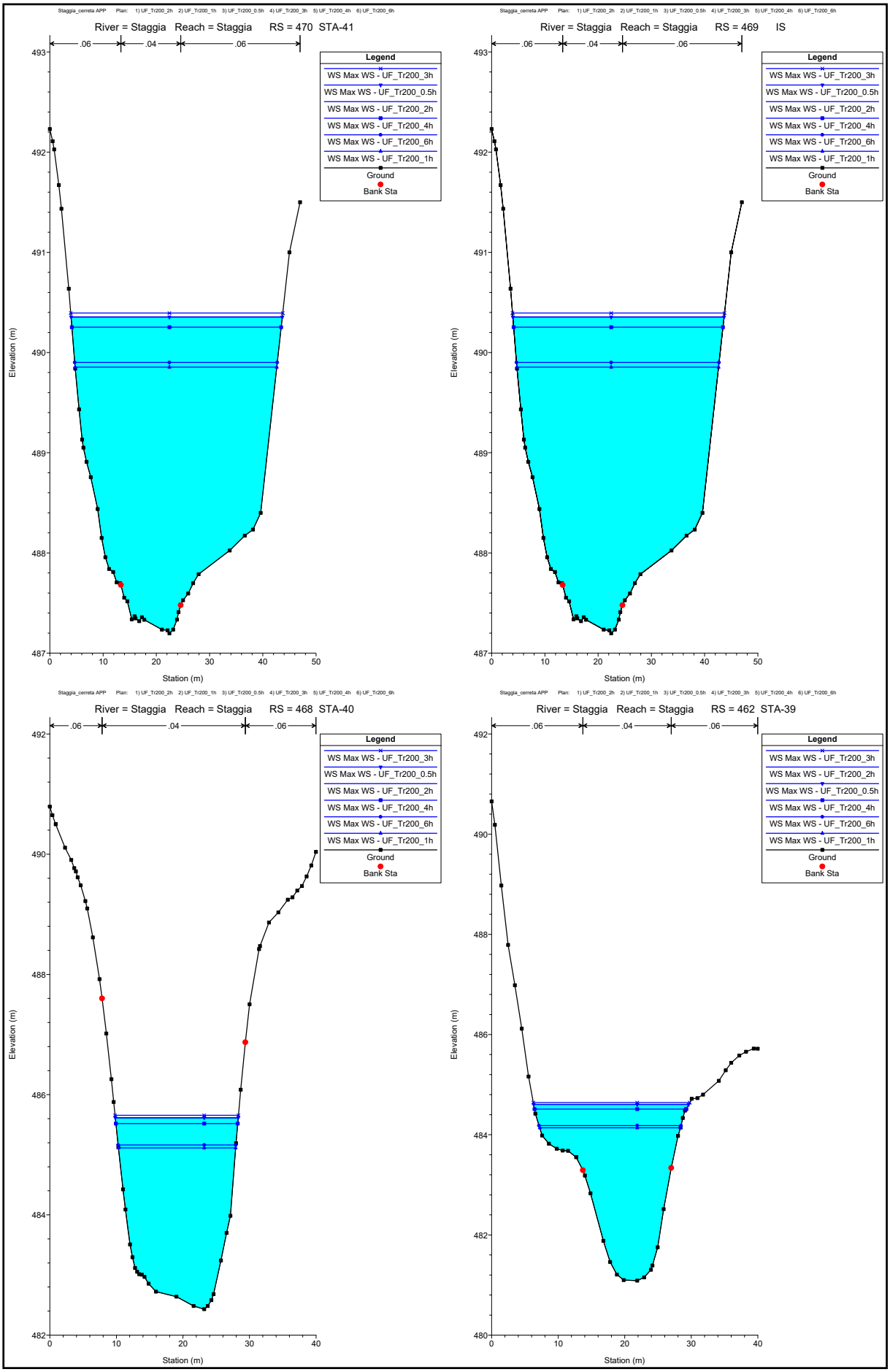
MODELLAZIONE PER TR= 200 anni

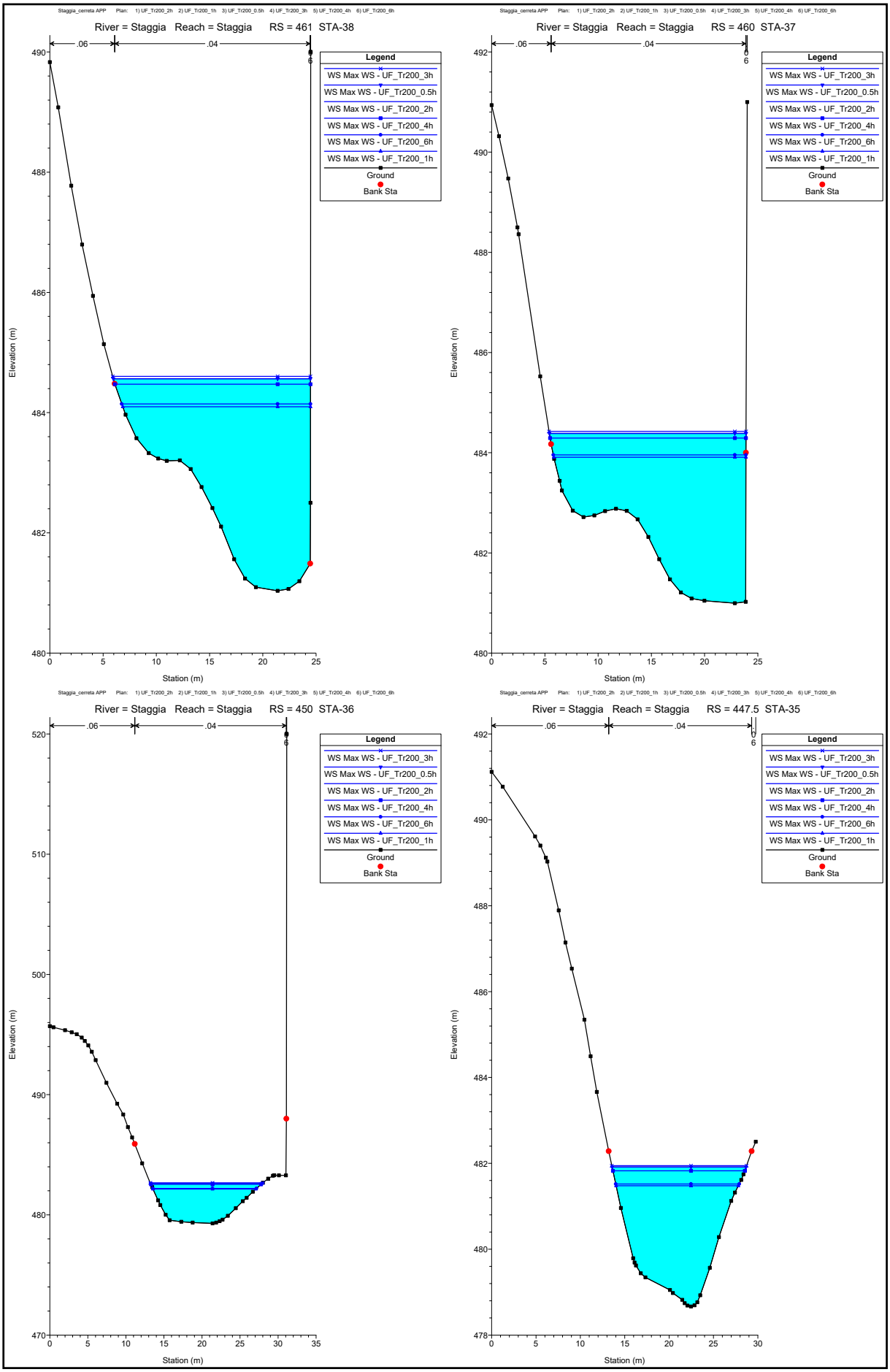
DURATE DI PIOGGIA: 0.5, 1, 2, 3, 4 e 6 h

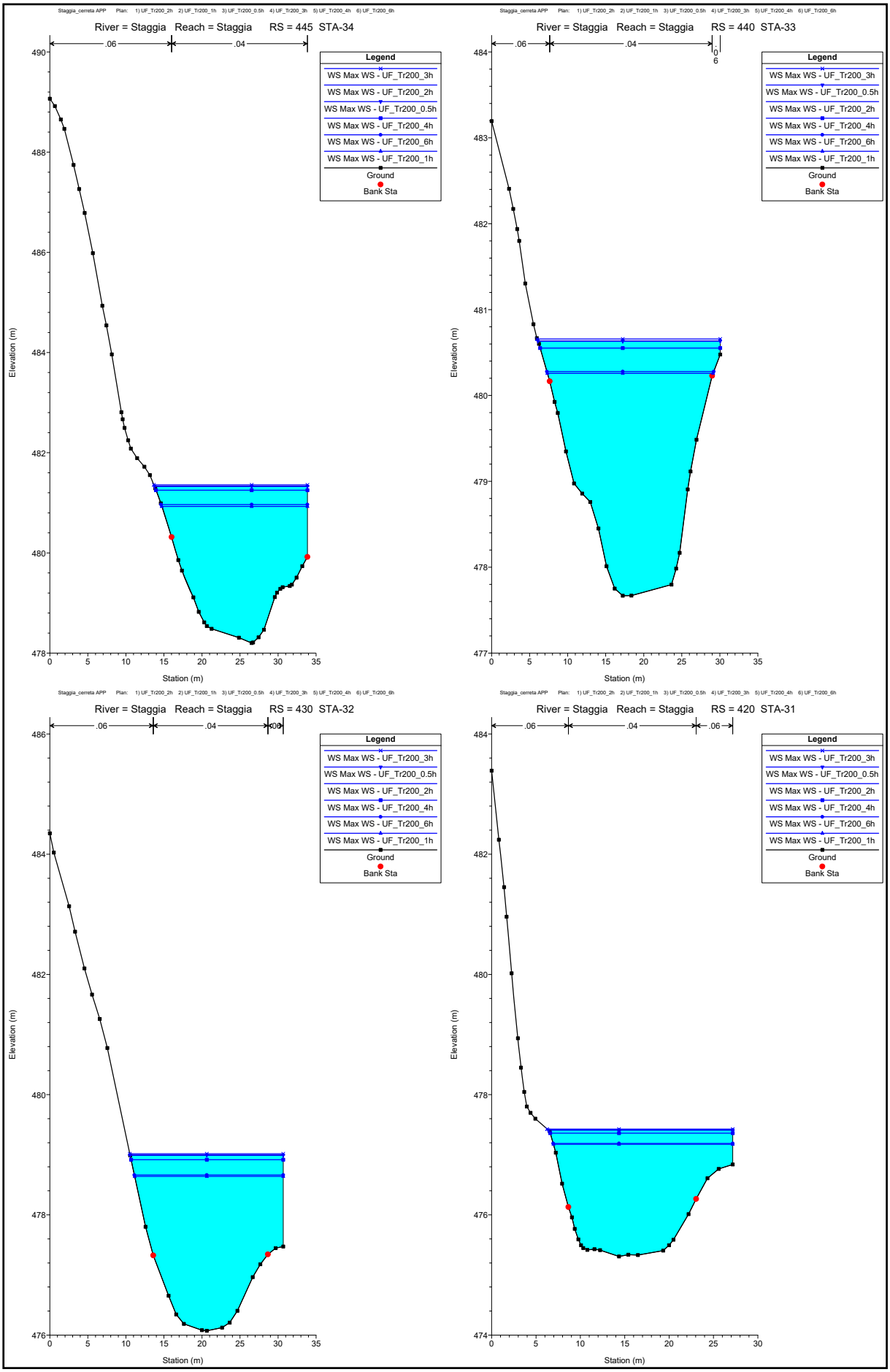
Sezioni Trasversali (da monte verso valle)

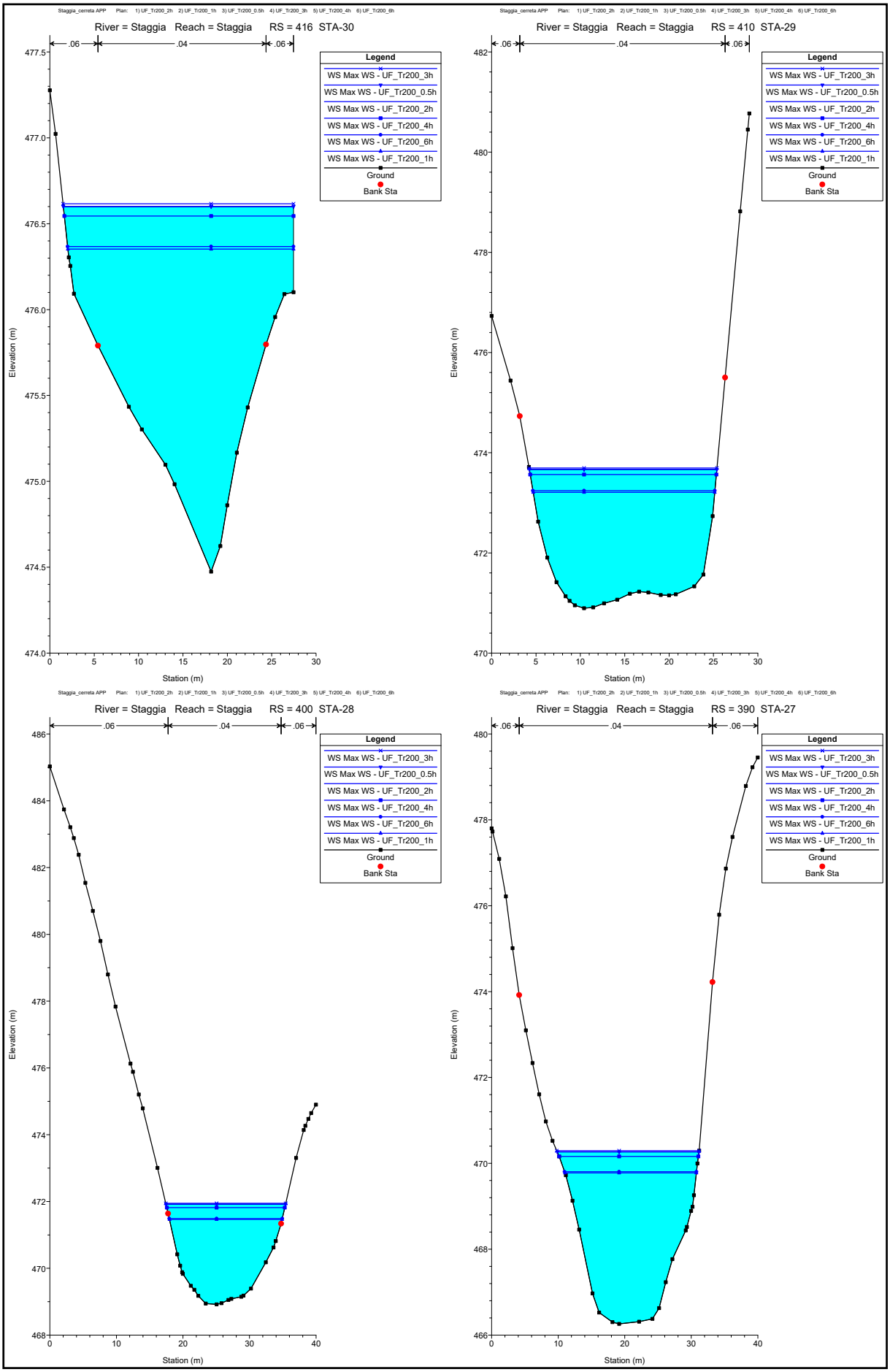

Staggia_cerreta APP Plan: 1) UF_Tr200_2h 2) UF_Tr200_1h 3) UF_Tr200_0.5h 4) UF_Tr200_3h 5) UF_Tr200_4h 6) UF_Tr200_6h
River = Staggia Reach = Staggia RS = 510 STA-48
.06
.04
.06
Legend
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_4h
WS Max WS - UF_Tr200_6h
WS Max WS - UF_Tr200_1h
Ground
Bank Sta
Elevation (m)
Station (m)
Staggia_cerreta APP Plan: 1) UF_Tr200_2h 2) UF_Tr200_1h 3) UF_Tr200_0.5h 4) UF_Tr200_3h 5) UF_Tr200_4h 6) UF_Tr200_6h
River = Staggia Reach = Staggia RS = 508 STA-47
.06
.04
.06
Legend
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_4h
WS Max WS - UF_Tr200_6h
WS Max WS - UF_Tr200_1h
Ground
Bank Sta
Elevation (m)
Station (m)
Staggia_cerreta APP Plan: 1) UF_Tr200_2h 2) UF_Tr200_1h 3) UF_Tr200_0.5h 4) UF_Tr200_3h 5) UF_Tr200_4h 6) UF_Tr200_6h
River = Staggia Reach = Staggia RS = 507 IS
.06
.04
.06
Legend
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_4h
WS Max WS - UF_Tr200_6h
WS Max WS - UF_Tr200_1h
Ground
Bank Sta
Elevation (m)
Station (m)
Staggia_cerreta APP Plan: 1) UF_Tr200_2h 2) UF_Tr200_1h 3) UF_Tr200_0.5h 4) UF_Tr200_3h 5) UF_Tr200_4h 6) UF_Tr200_6h
River = Staggia Reach = Staggia RS = 506 STA-46
.06
.04
.06
Legend
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_4h
WS Max WS - UF_Tr200_6h
WS Max WS - UF_Tr200_1h
Ground
Bank Sta
Elevation (m)
Station (m)

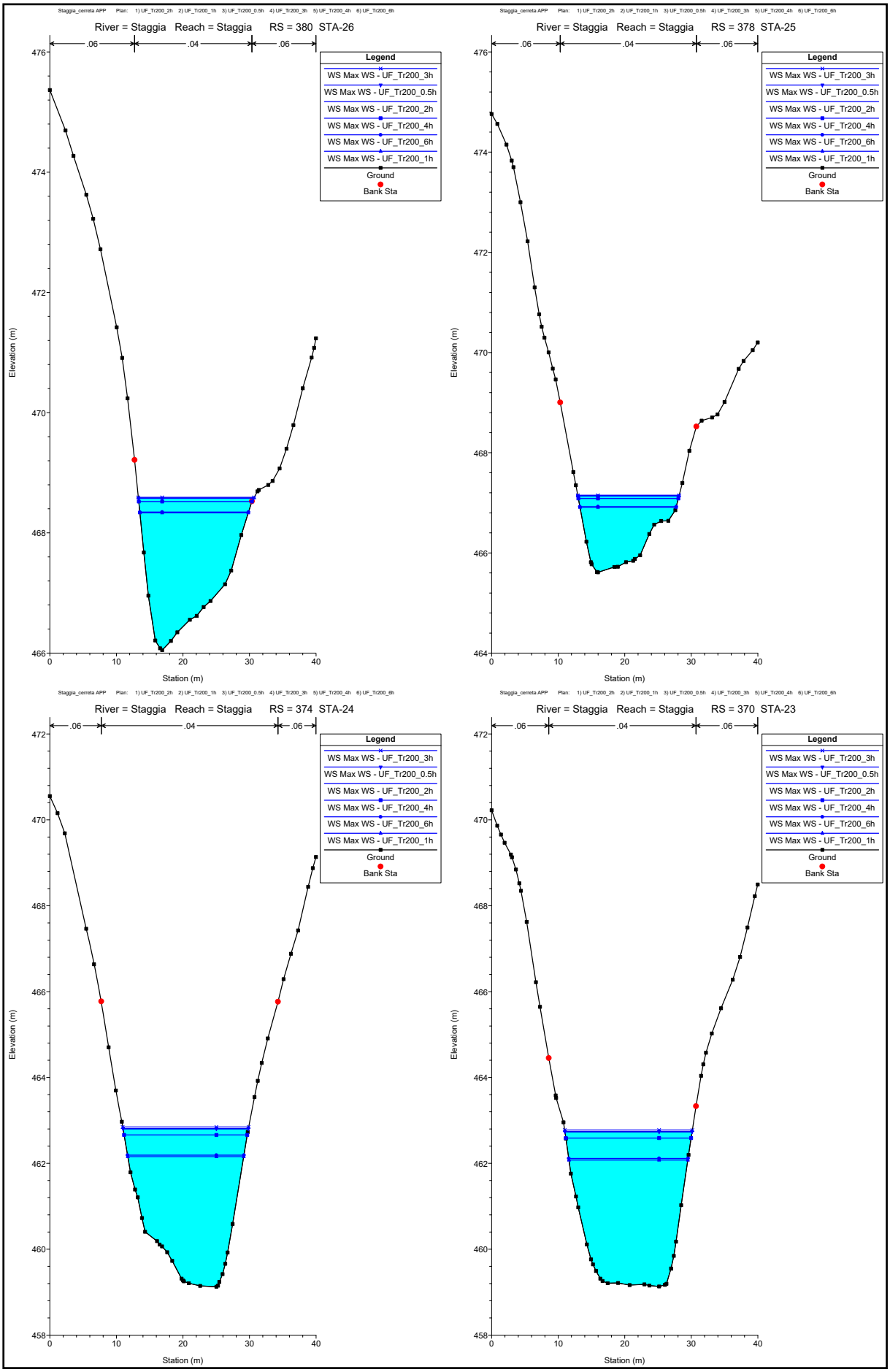

Staggia_cerreta APP Plan: 1) UF_Tr200_2h 2) UF_Tr200_1h 3) UF_Tr200_0.5h 4) UF_Tr200_3h 5) UF_Tr200_4h 6) UF_Tr200_6h
River = Staggia Reach = Staggia RS = 500 STA-45
.06 .04 .06
Legend
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_4h
WS Max WS - UF_Tr200_6h
WS Max WS - UF_Tr200_1h
Ground
Bank Sta
Elevation (m)
Station (m)
Staggia_cerreta APP Plan: 1) UF_Tr200_2h 2) UF_Tr200_1h 3) UF_Tr200_0.5h 4) UF_Tr200_3h 5) UF_Tr200_4h 6) UF_Tr200_6h
River = Staggia Reach = Staggia RS = 490 STA-44
.06 .04 .06
Legend
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_4h
WS Max WS - UF_Tr200_6h
WS Max WS - UF_Tr200_1h
Ground
Bank Sta
Elevation (m)
Station (m)
Staggia_cerreta APP Plan: 1) UF_Tr200_2h 2) UF_Tr200_1h 3) UF_Tr200_0.5h 4) UF_Tr200_3h 5) UF_Tr200_4h 6) UF_Tr200_6h
River = Staggia Reach = Staggia RS = 480 STA-43
.06 .04 .06
Legend
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_4h
WS Max WS - UF_Tr200_6h
WS Max WS - UF_Tr200_1h
Ground
Bank Sta
Elevation (m)
Station (m)
Staggia_cerreta APP Plan: 1) UF_Tr200_2h 2) UF_Tr200_1h 3) UF_Tr200_0.5h 4) UF_Tr200_3h 5) UF_Tr200_4h 6) UF_Tr200_6h
River = Staggia Reach = Staggia RS = 475 STA-42
.06 .04 .06
Legend
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_4h
WS Max WS - UF_Tr200_6h
WS Max WS - UF_Tr200_1h
Ground
Bank Sta
Elevation (m)
Station (m)

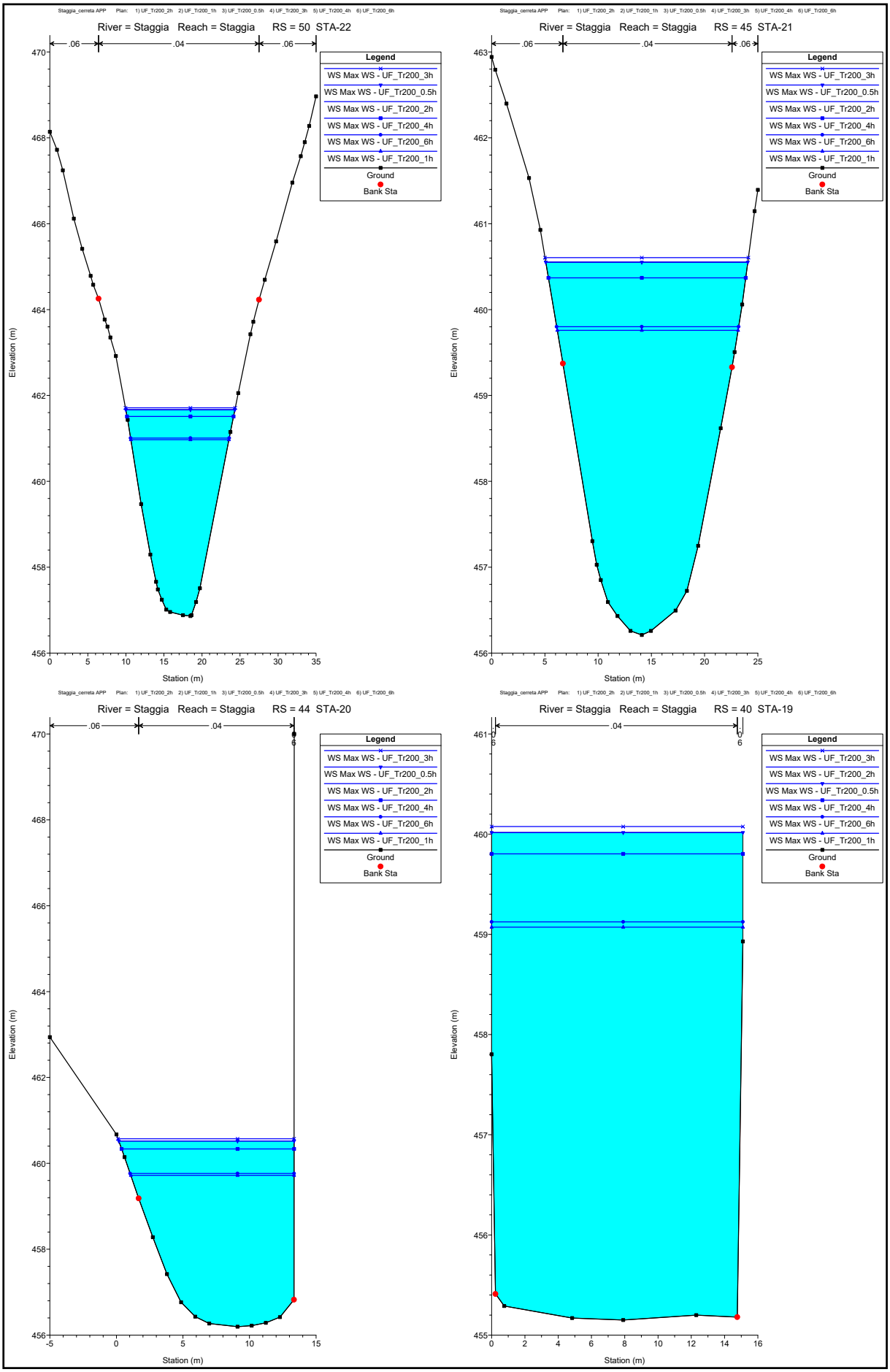

Staggia_cerreta APP Plan: 1) UF_Tr200_2h 2) UF_Tr200_1h 3) UF_Tr200_0.5h 4) UF_Tr200_3h 5) UF_Tr200_4h 6) UF_Tr200_6h
River = Staggia Reach = Staggia RS = 470 STA-41
.06 .04 .06
Legend
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_4h
WS Max WS - UF_Tr200_6h
WS Max WS - UF_Tr200_1h
Ground
Bank Sta
Elevation (m)
Station (m)
Staggia_cerreta APP Plan: 1) UF_Tr200_2h 2) UF_Tr200_1h 3) UF_Tr200_0.5h 4) UF_Tr200_3h 5) UF_Tr200_4h 6) UF_Tr200_6h
River = Staggia Reach = Staggia RS = 469 IS
.06 .04 .06
Legend
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_4h
WS Max WS - UF_Tr200_6h
WS Max WS - UF_Tr200_1h
Ground
Bank Sta
Elevation (m)
Station (m)
Staggia_cerreta APP Plan: 1) UF_Tr200_2h 2) UF_Tr200_1h 3) UF_Tr200_0.5h 4) UF_Tr200_3h 5) UF_Tr200_4h 6) UF_Tr200_6h
River = Staggia Reach = Staggia RS = 468 STA-40
.06 .04 .06
Legend
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_4h
WS Max WS - UF_Tr200_6h
WS Max WS - UF_Tr200_1h
Ground
Bank Sta
Elevation (m)
Station (m)
Staggia_cerreta APP Plan: 1) UF_Tr200_2h 2) UF_Tr200_1h 3) UF_Tr200_0.5h 4) UF_Tr200_3h 5) UF_Tr200_4h 6) UF_Tr200_6h
River = Staggia Reach = Staggia RS = 462 STA-39
.06 .04 .06
Legend
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_4h
WS Max WS - UF_Tr200_6h
WS Max WS - UF_Tr200_1h
Ground
Bank Sta
Elevation (m)
Station (m)

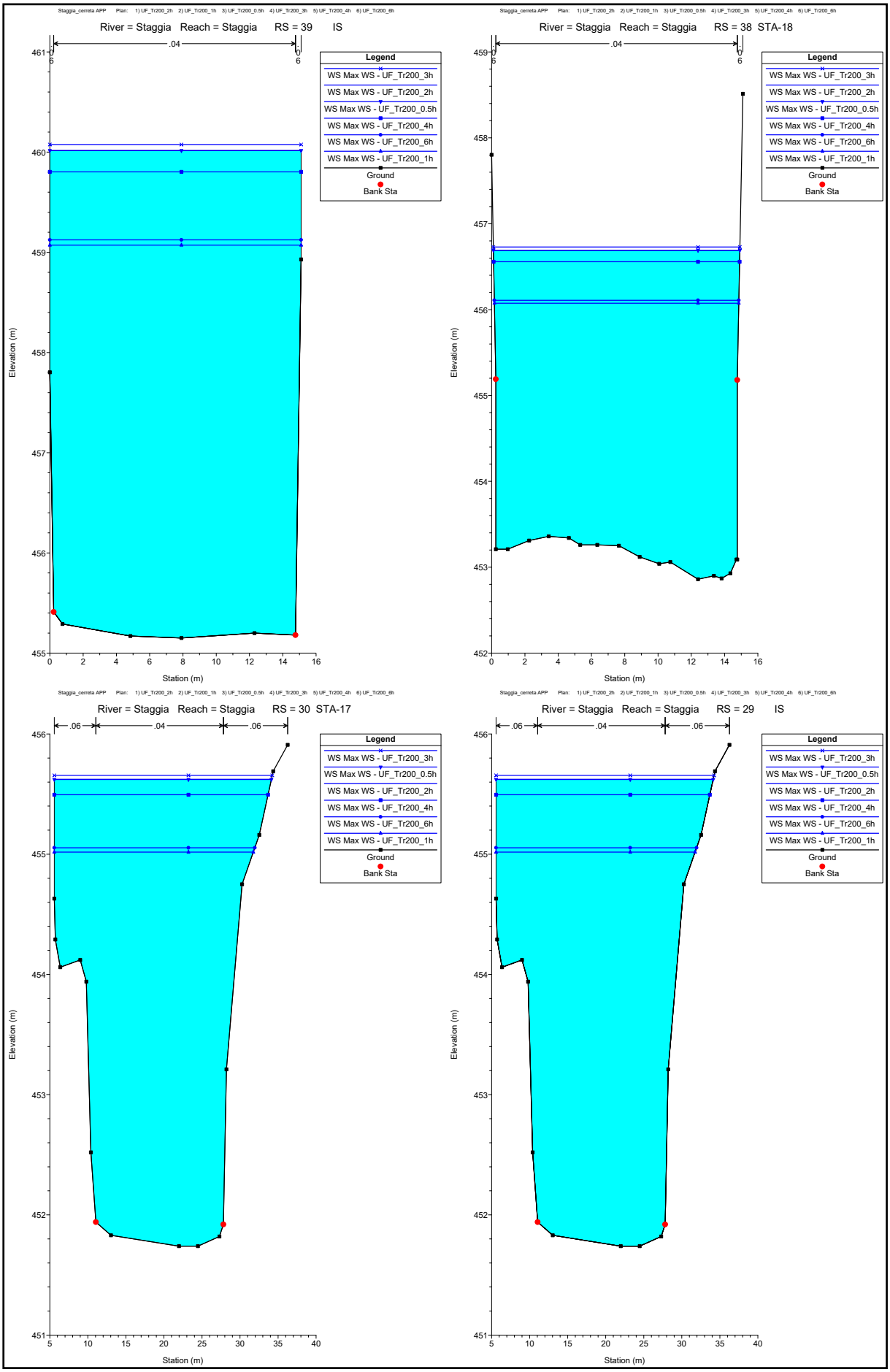

Staggia_cerreta APP Plan: 1) UF_Tr200_2h 2) UF_Tr200_1h 3) UF_Tr200_0.5h 4) UF_Tr200_3h 5) UF_Tr200_4h 6) UF_Tr200_6h
River = Staggia Reach = Staggia RS = 461 STA-38
River = Staggia Reach = Staggia RS = 460 STA-37
River = Staggia Reach = Staggia RS = 450 STA-36
River = Staggia Reach = Staggia RS = 447.5 STA-35
.06
.04
Legend
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_4h
WS Max WS - UF_Tr200_6h
WS Max WS - UF_Tr200_1h
Ground
Bank Sta
Elevation (m)
Station (m)

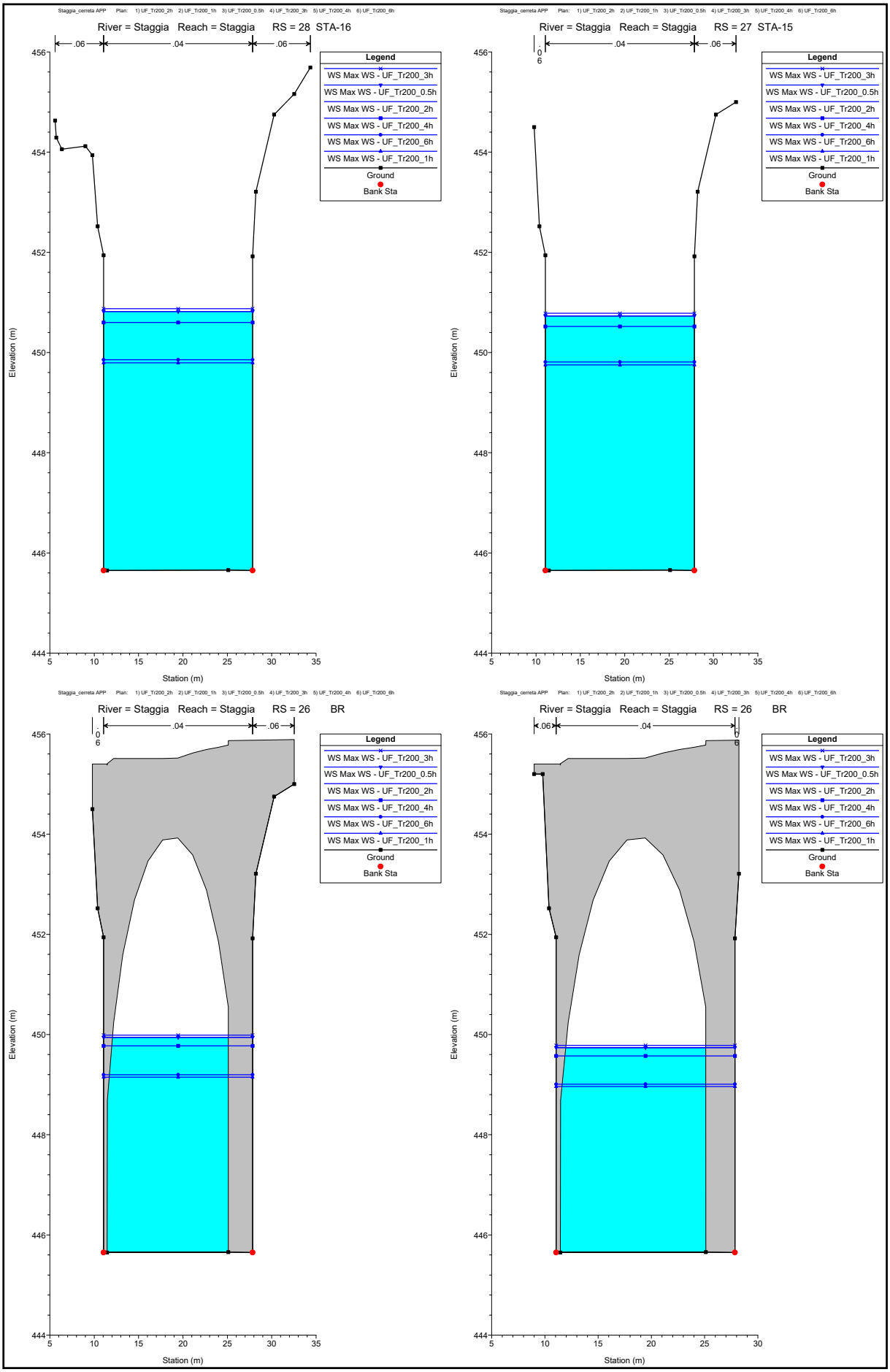

Staggia_cerreta APP Plan: 1) UF_Tr200_2h 2) UF_Tr200_1h 3) UF_Tr200_0.5h 4) UF_Tr200_3h 5) UF_Tr200_4h 6) UF_Tr200_6h
River = Staggia Reach = Staggia RS = 445 STA-34
.06
.04
Legend
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_4h
WS Max WS - UF_Tr200_6h
WS Max WS - UF_Tr200_1h
Ground
Bank Sta
Elevation (m)
Station (m)
Staggia_cerreta APP Plan: 1) UF_Tr200_2h 2) UF_Tr200_1h 3) UF_Tr200_0.5h 4) UF_Tr200_3h 5) UF_Tr200_4h 6) UF_Tr200_6h
River = Staggia Reach = Staggia RS = 440 STA-33
.06
.04
Legend
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_4h
WS Max WS - UF_Tr200_6h
WS Max WS - UF_Tr200_1h
Ground
Bank Sta
Elevation (m)
Station (m)
Staggia_cerreta APP Plan: 1) UF_Tr200_2h 2) UF_Tr200_1h 3) UF_Tr200_0.5h 4) UF_Tr200_3h 5) UF_Tr200_4h 6) UF_Tr200_6h
River = Staggia Reach = Staggia RS = 430 STA-32
.06
.04
Legend
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_4h
WS Max WS - UF_Tr200_6h
WS Max WS - UF_Tr200_1h
Ground
Bank Sta
Elevation (m)
Station (m)
Staggia_cerreta APP Plan: 1) UF_Tr200_2h 2) UF_Tr200_1h 3) UF_Tr200_0.5h 4) UF_Tr200_3h 5) UF_Tr200_4h 6) UF_Tr200_6h
River = Staggia Reach = Staggia RS = 420 STA-31
.06
.04
.06
Legend
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_4h
WS Max WS - UF_Tr200_6h
WS Max WS - UF_Tr200_1h
Ground
Bank Sta
Elevation (m)
Station (m)


Staggia_cerreta APP Plan: 1) UF_Tr200_2h 2) UF_Tr200_1h 3) UF_Tr200_0.5h 4) UF_Tr200_3h 5) UF_Tr200_4h 6) UF_Tr200_6h
River = Staggia Reach = Staggia RS = 416 STA-30
.06
.04
.06
Legend
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_4h
WS Max WS - UF_Tr200_6h
WS Max WS - UF_Tr200_1h
Ground
Bank Sta
Elevation (m)
Station (m)
Staggia_cerreta APP Plan: 1) UF_Tr200_2h 2) UF_Tr200_1h 3) UF_Tr200_0.5h 4) UF_Tr200_3h 5) UF_Tr200_4h 6) UF_Tr200_6h
River = Staggia Reach = Staggia RS = 410 STA-29
.06
.04
.06
Legend
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_4h
WS Max WS - UF_Tr200_6h
WS Max WS - UF_Tr200_1h
Ground
Bank Sta
Elevation (m)
Station (m)
Staggia_cerreta APP Plan: 1) UF_Tr200_2h 2) UF_Tr200_1h 3) UF_Tr200_0.5h 4) UF_Tr200_3h 5) UF_Tr200_4h 6) UF_Tr200_6h
River = Staggia Reach = Staggia RS = 400 STA-28
.06
.04
.06
Legend
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_4h
WS Max WS - UF_Tr200_6h
WS Max WS - UF_Tr200_1h
Ground
Bank Sta
Elevation (m)
Station (m)
Staggia_cerreta APP Plan: 1) UF_Tr200_2h 2) UF_Tr200_1h 3) UF_Tr200_0.5h 4) UF_Tr200_3h 5) UF_Tr200_4h 6) UF_Tr200_6h
River = Staggia Reach = Staggia RS = 390 STA-27
.06
.04
.06
Legend
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_4h
WS Max WS - UF_Tr200_6h
WS Max WS - UF_Tr200_1h
Ground
Bank Sta
Elevation (m)
Station (m)


Staggia_cerreta APP Plan: 1) UF_Tr200_2h 2) UF_Tr200_1h 3) UF_Tr200_0.5h 4) UF_Tr200_3h 5) UF_Tr200_4h 6) UF_Tr200_6h
River = Staggia Reach = Staggia RS = 380 STA-26
.06
.04
.06
Legend
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_4h
WS Max WS - UF_Tr200_6h
WS Max WS - UF_Tr200_1h
Ground
Bank Sta
Elevation (m)
Station (m)
Staggia_cerreta APP Plan: 1) UF_Tr200_2h 2) UF_Tr200_1h 3) UF_Tr200_0.5h 4) UF_Tr200_3h 5) UF_Tr200_4h 6) UF_Tr200_6h
River = Staggia Reach = Staggia RS = 378 STA-25
.06
.04
.06
Legend
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_4h
WS Max WS - UF_Tr200_6h
WS Max WS - UF_Tr200_1h
Ground
Bank Sta
Elevation (m)
Station (m)
Staggia_cerreta APP Plan: 1) UF_Tr200_2h 2) UF_Tr200_1h 3) UF_Tr200_0.5h 4) UF_Tr200_3h 5) UF_Tr200_4h 6) UF_Tr200_6h
River = Staggia Reach = Staggia RS = 374 STA-24
.06
.04
.06
Legend
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_4h
WS Max WS - UF_Tr200_6h
WS Max WS - UF_Tr200_1h
Ground
Bank Sta
Elevation (m)
Station (m)
Staggia_cerreta APP Plan: 1) UF_Tr200_2h 2) UF_Tr200_1h 3) UF_Tr200_0.5h 4) UF_Tr200_3h 5) UF_Tr200_4h 6) UF_Tr200_6h
River = Staggia Reach = Staggia RS = 370 STA-23
.06
.04
.06
Legend
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_4h
WS Max WS - UF_Tr200_6h
WS Max WS - UF_Tr200_1h
Ground
Bank Sta
Elevation (m)
Station (m)


Staggia_cerreta APP Plan: 1) UF_Tr200_2h 2) UF_Tr200_1h 3) UF_Tr200_0.5h 4) UF_Tr200_3h 5) UF_Tr200_4h 6) UF_Tr200_6h
River = Staggia Reach = Staggia RS = 50 STA-22
.06
.04
.06
Legend
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_4h
WS Max WS - UF_Tr200_6h
WS Max WS - UF_Tr200_1h
Ground
Bank Sta
Elevation (m)
Station (m)
Staggia_cerreta APP Plan: 1) UF_Tr200_2h 2) UF_Tr200_1h 3) UF_Tr200_0.5h 4) UF_Tr200_3h 5) UF_Tr200_4h 6) UF_Tr200_6h
River = Staggia Reach = Staggia RS = 45 STA-21
.06
.04
.06
Legend
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_4h
WS Max WS - UF_Tr200_6h
WS Max WS - UF_Tr200_1h
Ground
Bank Sta
Elevation (m)
Station (m)
Staggia_cerreta APP Plan: 1) UF_Tr200_2h 2) UF_Tr200_1h 3) UF_Tr200_0.5h 4) UF_Tr200_3h 5) UF_Tr200_4h 6) UF_Tr200_6h
River = Staggia Reach = Staggia RS = 44 STA-20
.06
.04
6
Legend
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_4h
WS Max WS - UF_Tr200_6h
WS Max WS - UF_Tr200_1h
Ground
Bank Sta
Elevation (m)
Station (m)
Staggia_cerreta APP Plan: 1) UF_Tr200_2h 2) UF_Tr200_1h 3) UF_Tr200_0.5h 4) UF_Tr200_3h 5) UF_Tr200_4h 6) UF_Tr200_6h
River = Staggia Reach = Staggia RS = 40 STA-19
.04
6
6
Legend
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_4h
WS Max WS - UF_Tr200_6h
WS Max WS - UF_Tr200_1h
Ground
Bank Sta
Elevation (m)
Station (m)


Staggia_cerreta APP Plan: 1) UF_Tr200_2h 2) UF_Tr200_1h 3) UF_Tr200_0.5h 4) UF_Tr200_3h 5) UF_Tr200_4h 6) UF_Tr200_6h
River = Staggia Reach = Staggia RS = 39 IS
.04
Legend
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_4h
WS Max WS - UF_Tr200_6h
WS Max WS - UF_Tr200_1h
Ground
Bank Sta
Elevation (m)
Station (m)
Staggia_cerreta APP Plan: 1) UF_Tr200_2h 2) UF_Tr200_1h 3) UF_Tr200_0.5h 4) UF_Tr200_3h 5) UF_Tr200_4h 6) UF_Tr200_6h
River = Staggia Reach = Staggia RS = 38 STA-18
.04
Legend
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_4h
WS Max WS - UF_Tr200_6h
WS Max WS - UF_Tr200_1h
Ground
Bank Sta
Elevation (m)
Station (m)
Staggia_cerreta APP Plan: 1) UF_Tr200_2h 2) UF_Tr200_1h 3) UF_Tr200_0.5h 4) UF_Tr200_3h 5) UF_Tr200_4h 6) UF_Tr200_6h
River = Staggia Reach = Staggia RS = 30 STA-17
.06
.04
.06
Legend
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_4h
WS Max WS - UF_Tr200_6h
WS Max WS - UF_Tr200_1h
Ground
Bank Sta
Elevation (m)
Station (m)
Staggia_cerreta APP Plan: 1) UF_Tr200_2h 2) UF_Tr200_1h 3) UF_Tr200_0.5h 4) UF_Tr200_3h 5) UF_Tr200_4h 6) UF_Tr200_6h
River = Staggia Reach = Staggia RS = 29 IS
.06
.04
.06
Legend
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_4h
WS Max WS - UF_Tr200_6h
WS Max WS - UF_Tr200_1h
Ground
Bank Sta
Elevation (m)
Station (m)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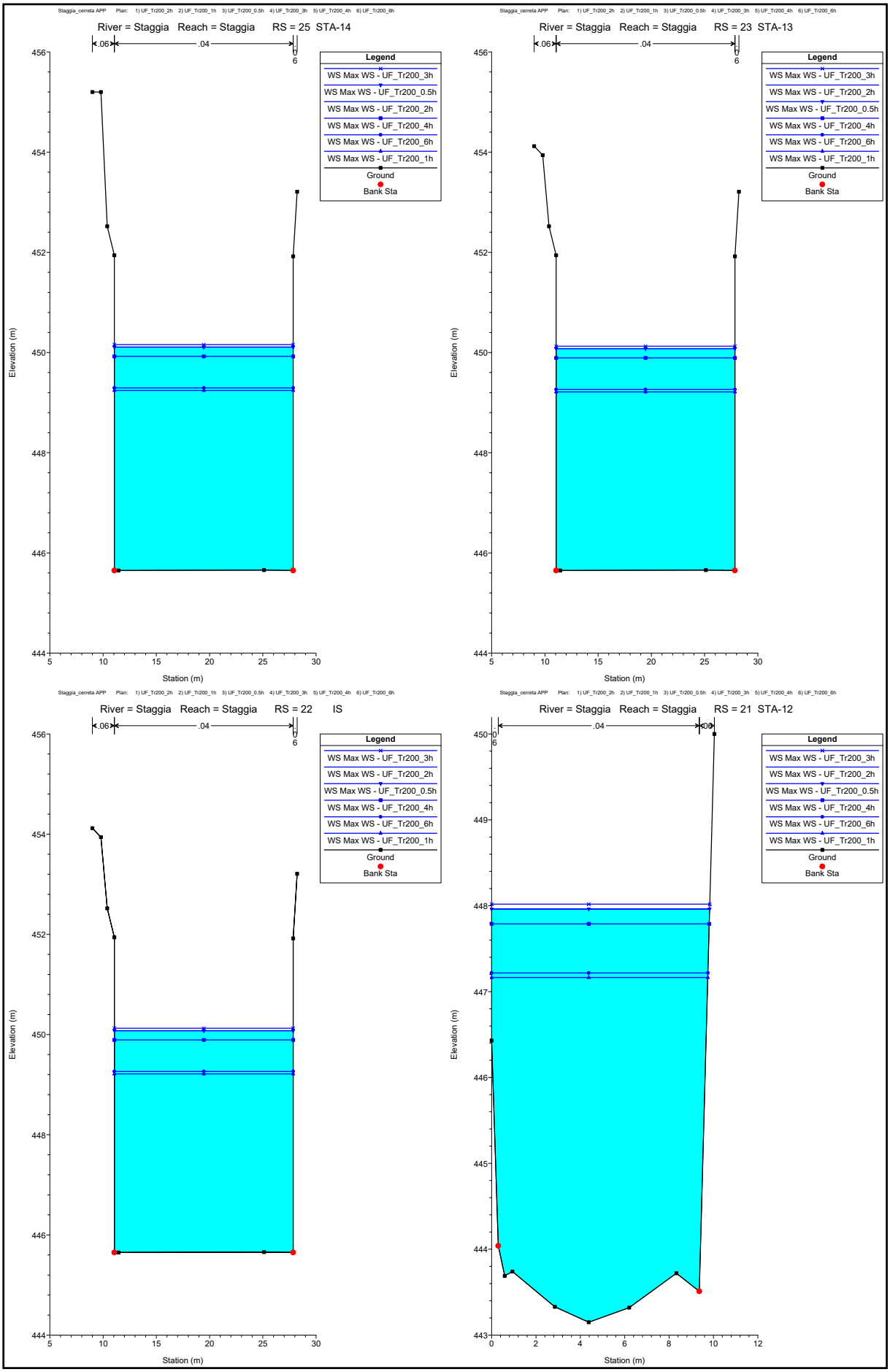
River = Staggia Reach = Staggia RS = 28 STA-16
.06
.04
.06
Legend
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_4h
WS Max WS - UF_Tr200_6h
WS Max WS - UF_Tr200_1h
Ground
Bank Sta
Elevation (m)
Station (m)
Staggia_cerreta APP Plan: 1) UF_Tr200_2h 2) UF_Tr200_1h 3) UF_Tr200_0.5h 4) UF_Tr200_3h 5) UF_Tr200_4h 6) UF_Tr200_6h
River = Staggia Reach = Staggia RS = 27 STA-15
.04
.06
Legend
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_4h
WS Max WS - UF_Tr200_6h
WS Max WS - UF_Tr200_1h
Ground
Bank Sta
Elevation (m)
Station (m)
Staggia_cerreta APP Plan: 1) UF_Tr200_2h 2) UF_Tr200_1h 3) UF_Tr200_0.5h 4) UF_Tr200_3h 5) UF_Tr200_4h 6) UF_Tr200_6h
River = Staggia Reach = Staggia RS = 26 BR
.04
.06
Legend
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_4h
WS Max WS - UF_Tr200_6h
WS Max WS - UF_Tr200_1h
Ground
Bank Sta
Elevation (m)
Station (m)
Staggia_cerreta APP Plan: 1) UF_Tr200_2h 2) UF_Tr200_1h 3) UF_Tr200_0.5h 4) UF_Tr200_3h 5) UF_Tr200_4h 6) UF_Tr200_6h
River = Staggia Reach = Staggia RS = 26 BR
.06
.04
Legend
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_4h
WS Max WS - UF_Tr200_6h
WS Max WS - UF_Tr200_1h
Ground
Bank Sta
Elevation (m)
Station (m)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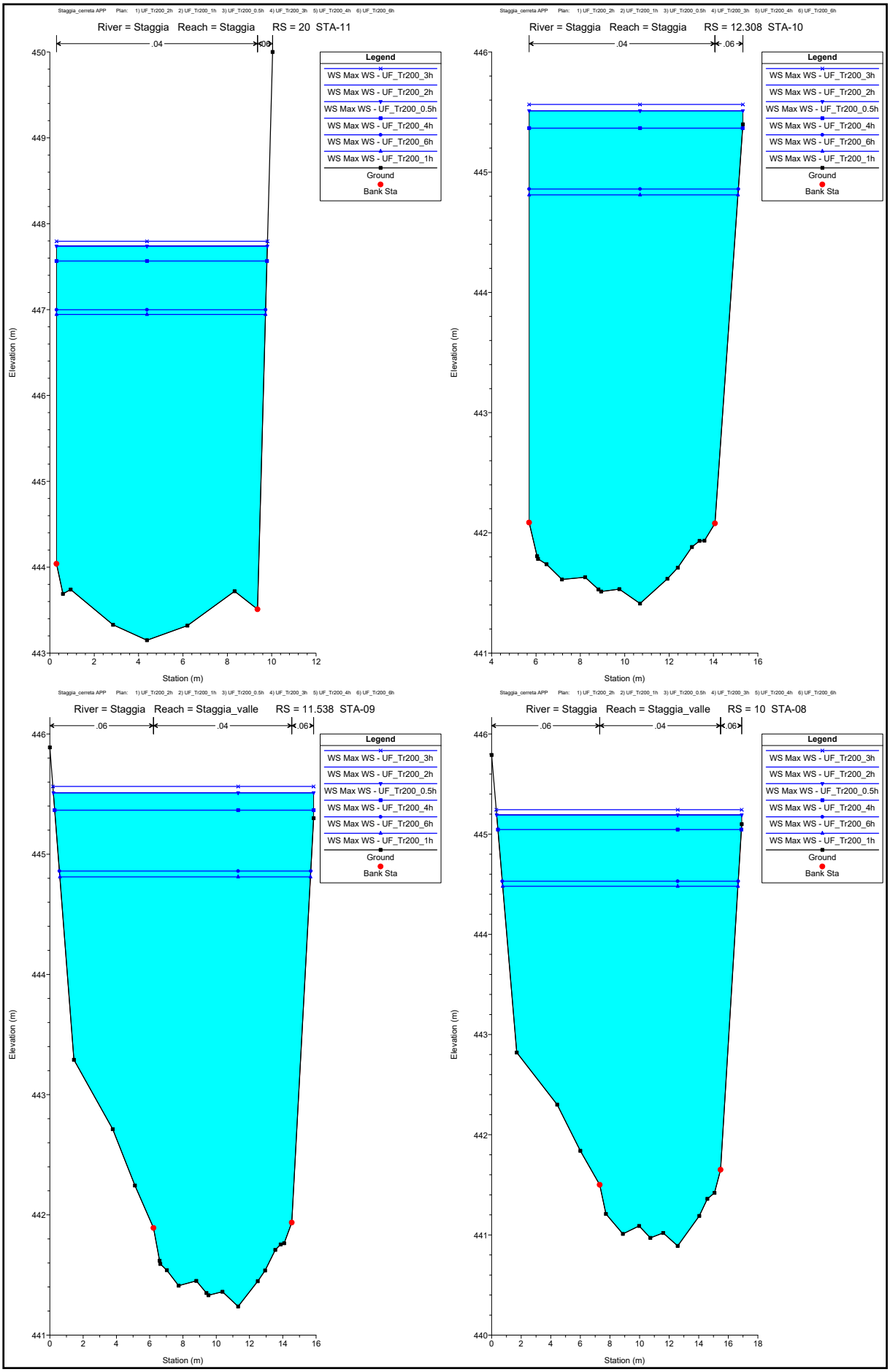
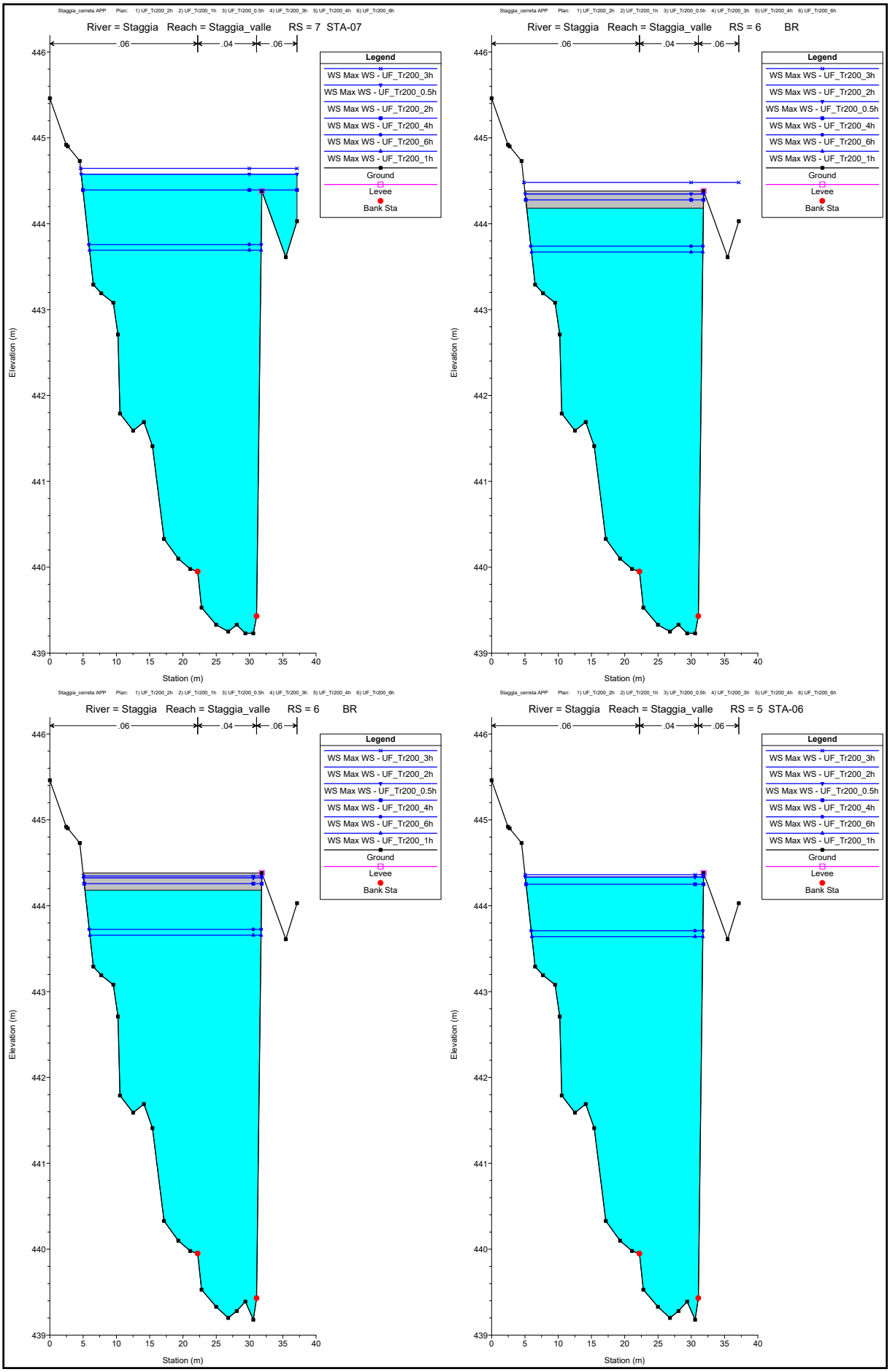
River = Staggia Reach = Staggia RS = 25 STA-14
.06
.04
Legend
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_4h
WS Max WS - UF_Tr200_6h
WS Max WS - UF_Tr200_1h
Ground
Bank Sta
Elevation (m)
Station (m)
River = Staggia Reach = Staggia RS = 23 STA-13
River = Staggia Reach = Staggia RS = 22 IS
River = Staggia Reach = Staggia RS = 21 STA-12


Staggia_cerreta APP Plan: 1) UF_Tr200_2h 2) UF_Tr200_1h 3) UF_Tr200_0.5h 4) UF_Tr200_3h 5) UF_Tr200_4h 6) UF_Tr200_6h
River = Staggia Reach = Staggia RS = 20 STA-11
.04
.00
Legend
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_4h
WS Max WS - UF_Tr200_6h
WS Max WS - UF_Tr200_1h
Ground
Bank Sta
Elevation (m)
Station (m)
Staggia_cerreta APP Plan: 1) UF_Tr200_2h 2) UF_Tr200_1h 3) UF_Tr200_0.5h 4) UF_Tr200_3h 5) UF_Tr200_4h 6) UF_Tr200_6h
River = Staggia Reach = Staggia RS = 12.308 STA-10
.04
.06
Legend
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_4h
WS Max WS - UF_Tr200_6h
WS Max WS - UF_Tr200_1h
Ground
Bank Sta
Elevation (m)
Station (m)
Staggia_cerreta APP Plan: 1) UF_Tr200_2h 2) UF_Tr200_1h 3) UF_Tr200_0.5h 4) UF_Tr200_3h 5) UF_Tr200_4h 6) UF_Tr200_6h
River = Staggia Reach = Staggia_valle RS = 11.538 STA-09
.06
.04
.06
Legend
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_4h
WS Max WS - UF_Tr200_6h
WS Max WS - UF_Tr200_1h
Ground
Bank Sta
Elevation (m)
Station (m)
Staggia_cerreta APP Plan: 1) UF_Tr200_2h 2) UF_Tr200_1h 3) UF_Tr200_0.5h 4) UF_Tr200_3h 5) UF_Tr200_4h 6) UF_Tr200_6h
River = Staggia Reach = Staggia_valle RS = 10 STA-08
.06
.04
.06
Legend
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_4h
WS Max WS - UF_Tr200_6h
WS Max WS - UF_Tr200_1h
Ground
Bank Sta
Elevation (m)
Station (m)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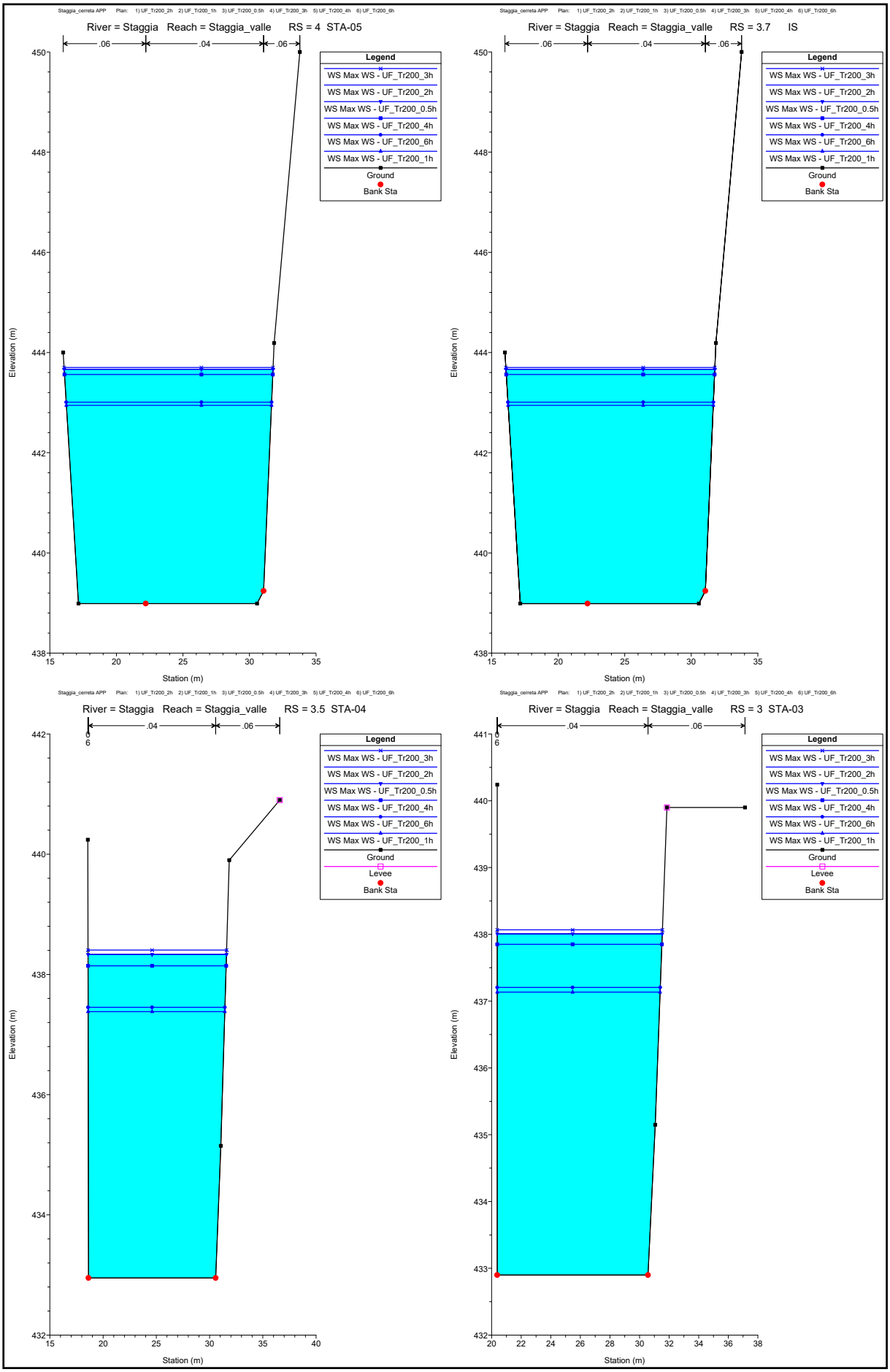
River = Staggia Reach = Staggia_valle RS = 7 STA-07
.06 .04 .06
Legend
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_4h
WS Max WS - UF_Tr200_6h
WS Max WS - UF_Tr200_1h
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
River = Staggia Reach = Staggia_valle RS = 6 BR
River = Staggia Reach = Staggia_valle RS = 6 BR
River = Staggia Reach = Staggia_valle RS = 5 STA-06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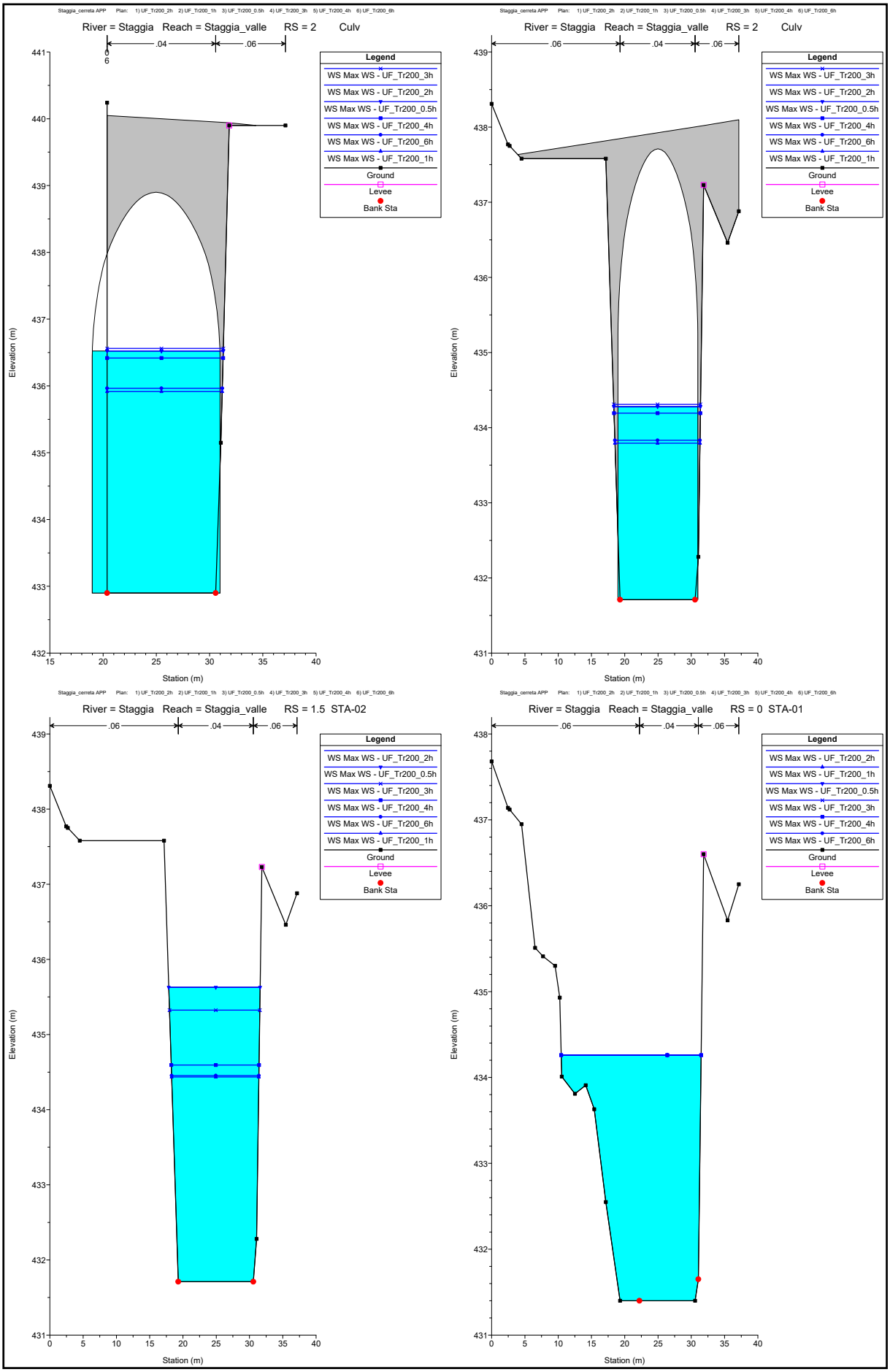
River = Staggia Reach = Staggia_valle RS = 4 STA-05
.06 .04 .06
Legend
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_4h
WS Max WS - UF_Tr200_6h
WS Max WS - UF_Tr200_1h
Ground
Bank Sta
Elevation (m)
Station (m)
River = Staggia Reach = Staggia_valle RS = 3.7 IS
River = Staggia Reach = Staggia_valle RS = 3.5 STA-04
Levee
River = Staggia Reach = Staggia_valle RS = 3 STA-03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River = Staggia Reach = Staggia_valle RS = 2 Culv
.04
.06
Legend
WS Max WS - UF_Tr200_3h
WS Max WS - UF_Tr200_2h
WS Max WS - UF_Tr200_0.5h
WS Max WS - UF_Tr200_4h
WS Max WS - UF_Tr200_6h
WS Max WS - UF_Tr200_1h
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
River = Staggia Reach = Staggia_valle RS = 1.5 STA-02
River = Staggia Reach = Staggia_valle RS = 0 STA-01

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "STAGGIA_CERRETA_APP"

STAGGIA

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 0.5, 1, 2, 3, 4 e 6 h

Dati idraulici

HEC-RAS Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Staggia	510	Max WS	UF_Tr200_2h	250.10	496.85	499.84	499.91	501.09	0.010966	5.26	1.42	2.09	57.93	26.10	0.99
Staggia	510	Max WS	UF_Tr200_1h	178.99	496.85	499.39	499.43	500.39	0.010699	4.64	1.22	1.65	46.11	25.78	0.95
Staggia	510	Max WS	UF_Tr200_0.5h	250.10	496.85	499.84	499.91	501.09	0.010966	5.26	1.42	2.09	57.93	26.10	0.99
Staggia	510	Max WS	UF_Tr200_3h	256.25	496.85	499.88	499.95	501.15	0.010998	5.31	1.44	2.12	58.86	26.12	0.99
Staggia	510	Max WS	UF_Tr200_4h	234.88	496.85	499.75	499.81	500.95	0.010910	5.14	1.38	2.00	55.53	26.03	0.98
Staggia	510	Max WS	UF_Tr200_6h	184.80	496.85	499.43	499.48	500.45	0.010700	4.69	1.24	1.69	47.18	25.81	0.95
Staggia	509.9			Lat Struct											
Staggia	508	Max WS	UF_Tr200_2h	198.43	496.48	499.66	498.91	500.20	0.004403	3.38	1.28	1.32	66.60	25.67	0.63
Staggia	508	Max WS	UF_Tr200_1h	148.46	496.48	499.19	498.54	499.63	0.004441	3.03	1.14	1.20	54.89	25.05	0.62
Staggia	508	Max WS	UF_Tr200_0.5h	198.43	496.48	499.66	498.91	500.20	0.004403	3.38	1.28	1.32	66.60	25.67	0.63
Staggia	508	Max WS	UF_Tr200_3h	202.65	496.48	499.69	498.94	500.24	0.004398	3.41	1.29	1.32	67.56	25.72	0.63
Staggia	508	Max WS	UF_Tr200_4h	188.44	496.48	499.56	498.84	500.09	0.004431	3.32	1.26	1.30	64.24	25.54	0.63
Staggia	508	Max WS	UF_Tr200_6h	153.09	496.48	499.24	498.58	499.68	0.004458	3.07	1.15	1.21	55.94	25.11	0.62
Staggia	507			Inl Struct											
Staggia	506	Max WS	UF_Tr200_2h	198.43	491.53	494.68	494.79	495.87	0.015548	4.83			41.10	19.95	1.07
Staggia	506	Max WS	UF_Tr200_1h	148.46	491.53	494.28	494.34	495.28	0.015268	4.43			33.48	18.27	1.05
Staggia	506	Max WS	UF_Tr200_0.5h	198.43	491.53	494.68	494.79	495.87	0.015547	4.83			41.10	19.95	1.07
Staggia	506	Max WS	UF_Tr200_3h	202.65	491.53	494.71	494.82	495.91	0.015562	4.86			41.72	20.08	1.08
Staggia	506	Max WS	UF_Tr200_4h	188.44	491.53	494.60	494.71	495.76	0.015542	4.76			39.58	19.63	1.07
Staggia	506	Max WS	UF_Tr200_6h	153.09	491.53	494.32	494.39	495.34	0.015312	4.48			34.20	18.44	1.05
Staggia	500	Max WS	UF_Tr200_2h	227.14	490.61	494.03	494.77	496.62	0.028300	7.14	1.24	1.23	32.40	14.92	1.46
Staggia	500	Max WS	UF_Tr200_1h	168.17	490.61	493.61	494.19	495.69	0.028975	6.39	0.73	0.75	26.46	13.81	1.43
Staggia	500	Max WS	UF_Tr200_0.5h	227.15	490.61	494.03	494.77	496.62	0.028315	7.15	1.24	1.23	32.40	14.92	1.46
Staggia	500	Max WS	UF_Tr200_3h	232.12	490.61	494.06	494.83	496.69	0.028260	7.20	1.27	1.27	32.89	15.02	1.46
Staggia	500	Max WS	UF_Tr200_4h	214.93	490.61	493.94	494.64	496.43	0.028423	7.00	1.17	1.15	31.19	14.66	1.45
Staggia	500	Max WS	UF_Tr200_6h	173.27	490.61	493.65	494.24	495.78	0.028918	6.46	0.79	0.81	26.98	13.90	1.43
Staggia	490	Max WS	UF_Tr200_2h	235.11	488.85	492.20	492.44	493.70	0.013173	5.92	1.94	2.41	51.64	23.74	1.08
Staggia	490	Max WS	UF_Tr200_1h	172.21	488.85	491.76	491.93	492.98	0.012754	5.25	1.70	2.00	41.58	22.67	1.04
Staggia	490	Max WS	UF_Tr200_0.5h	234.81	488.85	492.20	492.43	493.69	0.013140	5.91	1.94	2.41	51.64	23.74	1.08
Staggia	490	Max WS	UF_Tr200_3h	240.33	488.85	492.23	492.47	493.75	0.013195	5.96	1.96	2.44	52.45	23.82	1.09
Staggia	490	Max WS	UF_Tr200_4h	221.64	488.85	492.11	492.33	493.55	0.013039	5.78	1.89	2.33	49.64	23.53	1.07
Staggia	490	Max WS	UF_Tr200_6h	177.62	488.85	491.80	491.97	493.05	0.012792	5.32	1.72	2.04	42.49	22.77	1.04
Staggia	489.9			Lat Struct											
Staggia	480	Max WS	UF_Tr200_2h	196.29	487.88	491.01	491.03	492.04	0.011635	5.46	2.52	2.09	54.90	27.70	1.02
Staggia	480	Max WS	UF_Tr200_1h	148.72	487.88	490.55	490.65	491.53	0.013343	5.22	2.33	1.96	42.58	25.84	1.06
Staggia	480	Max WS	UF_Tr200_0.5h	196.41	487.88	491.01	491.03	492.04	0.011649	5.47	2.52	2.09	54.90	27.70	1.02
Staggia	480	Max WS	UF_Tr200_3h	200.51	487.88	491.05	491.06	492.08	0.011505	5.48	2.53	2.10	56.00	27.85	1.01
Staggia	480	Max WS	UF_Tr200_4h	186.32	487.88	490.92	490.95	491.94	0.011935	5.42	2.49	2.06	52.35	27.34	1.02
Staggia	480	Max WS	UF_Tr200_6h	152.78	487.88	490.59	490.69	491.58	0.013129	5.24	2.35	1.97	43.69	26.04	1.05
Staggia	475	Max WS	UF_Tr200_2h	212.43	487.41	490.70		491.21	0.006322	3.86	1.99	1.65	81.97	41.32	0.74
Staggia	475	Max WS	UF_Tr200_1h	154.12	487.41	490.18		490.67	0.007786	3.72	1.92	1.45	60.81	39.59	0.80
Staggia	475	Max WS	UF_Tr200_0.5h	212.42	487.41	490.70		491.21	0.006321	3.86	1.99	1.65	81.97	41.32	0.74
Staggia	475	Max WS	UF_Tr200_3h	217.51	487.41	490.74		491.25	0.006219	3.87	1.99	1.66	83.81	41.47	0.74
Staggia	475	Max WS	UF_Tr200_4h	200.12	487.41	490.60		491.10	0.006542	3.82	1.97	1.61	77.70	40.98	0.75
Staggia	475	Max WS	UF_Tr200_6h	159.14	487.41	490.23		490.72	0.007587	3.73	1.92	1.47	62.78	39.75	0.79
Staggia	470	Max WS	UF_Tr200_2h	249.62	487.20	490.35	489.82	490.90	0.005979	4.02	1.82	2.08	90.49	39.67	0.74
Staggia	470	Max WS	UF_Tr200_1h	178.69	487.20	489.85	489.44	490.31	0.006179	3.63	1.60	1.85	71.16	37.87	0.73
Staggia	470	Max WS	UF_Tr200_0.5h	249.62	487.20	490.35	489.82	490.90	0.005979	4.02	1.82	2.08	90.49	39.67	0.74
Staggia	470	Max WS	UF_Tr200_3h	255.93	487.20	490.39	489.86	490.95	0.005965	4.05	1.84	2.10	92.13	39.82	0.74
Staggia	470	Max WS	UF_Tr200_4h	234.59	487.20	490.25	489.74	490.78	0.006014	3.94	1.78	2.03	86.55	39.31	0.74
Staggia	470	Max WS	UF_Tr200_6h	184.84	487.20	489.90	489.48	490.36	0.006156	3.66	1.62	1.87	72.92	38.04	0.73
Staggia	469			Inl Struct											
Staggia	468	Max WS	UF_Tr200_2h	249.62	482.43	485.62	485.81	487.14	0.016569	5.47			45.67	18.48	1.11
Staggia	468	Max WS	UF_Tr200_1h	178.69	482.43	485.11	485.23	486.33	0.016237	4.88			36.62	17.62	1.08
Staggia	468	Max WS	UF_Tr200_0.5h	249.62	482.43	485.62	485.81	487.14	0.016569	5.47			45.67	18.48	1.11
Staggia	468	Max WS	UF_Tr200_3h	255.93	482.43	485.66	485.86	487.21	0.016615	5.51			46.42	18.55	1.11
Staggia	468	Max WS	UF_Tr200_4h	234.58	482.43	485.52	485.69	486.98	0.016463	5.35			43.86	18.31	1.10
Staggia	468	Max WS	UF_Tr200_6h	184.84	482.43	485.16	485.29	486.40	0.016218	4.93			37.48	17.70	1.08
Staggia	462	Max WS	UF_Tr200_2h	249.62	481.09	484.60	485.16	486.53	0.017786	6.31	1.92	1.35	44.88	23.29	1.20
Staggia	462	Max WS	UF_Tr200_1h	178.68	481.09	484.14	484.52	485.70	0.017781	5.59	1.26	1.05	34.55	21.15	1.16
Staggia	462	Max WS	UF_Tr200_0.5h	249.61	481.09	484.60	485.16	486.53	0.017794	6.31	1.92	1.35	44.88	23.29	1.20
Staggia	462	Max WS	UF_Tr200_3h	255.92	481.09	484.64	485.21	486.60	0.017793	6.37	1.96	1.37	45.76	23.50	1.20
Staggia	462	Max WS	UF_Tr200_4h	234.58	481.09	484.51	485.03	486.37	0.017780	6.17	1.80	1.32	42.76	22.80	1.19
Staggia	462	Max WS	UF_Tr200_6h	184.83	481.09	484.18	484.57	485.78	0.017733	5.66	1.33	1.09	35.52	21.34	1.17
Staggia	461	Max WS	UF_Tr200_2h	249.62	481.04	484.57	484.99	486.46	0.021327	6.10	0.26	0.18	41.01	18.52	1.30
Staggia	461	Max WS	UF_Tr200_1h	178.68	481.04	484.10	484.46	485.64	0.022157	5.49		0.17	32.57	17.63	1.29
Staggia	461	Max WS	UF_Tr200_0.5h	249.62	481.04	484.57	485.00	486.46	0.021328	6.10	0.26	0.18	41.01	18.52	1.30
Staggia	461	Max WS	UF_Tr200_3h	255.92	481.04	484.60	485.04	486.53	0.021196	6.15	0.33	0.18	41.72	18.58	1.30
Staggia	461	Max WS	UF_Tr200_4h	234.58	481.04	484.47	484.88	486.29	0.021639	5.97		0.18	39.32	18.37	1.30
Staggia	461	Max WS	UF_Tr200_6h	184.83	481.04	484.14	484.51	485.71	0.022011	5.54		0.17	33.38	17.72	1.29
Staggia	460	Max WS	UF_Tr200_2h	249.62	481.00	484.39	484.74	486.17	0.023462	5.91	0.41	0.06	42.22	18.47	1.24
Staggia	460	Max WS	UF_Tr200_1h	178.68	481.00	483.91	484.21	485.36	0.025200	5.33			33.52	18.04	1.25
Staggia	460	Max WS	UF_Tr200_0.5h	249.62	481.00	484.39	484.74	486.17	0.023462	5.91	0.41	0.06	42.22	18.47	1.24
Staggia	460	Max WS	UF_Tr200_3h	255.92	481.00	484.43	484.79	486.24	0.023309	5.96	0.46	0.06	42.95	18.50	1.24
Staggia	460	Max WS	UF_Tr200_4h	234.57	481.00	484.29	484.63	486.00	0.023787	5.79	0.28	0.05	40.50	18.40	1.24
Staggia	460	Max WS	UF_Tr200_6h	184.84	481.00	483.96	484.26	485.43	0.024961	5.38			34.38	18.08	1.25
Staggia	450	Max WS	UF_Tr200_2h	249.61	479.29	482.63	483.49	485.26	0.031843	7.18			34.77	14.69	1.49
Staggia	450	Max WS	UF_Tr200_1h	178.68	479.29	482.15	482.75	484.23	0.029550	6.38			28.00	13.52	1.42
Staggia	450	Max WS	UF_Tr200_0.5h	249.61	479.29	482.63	483.49	485.26	0.031842	7.18			34.77	14.69	1.49
Staggia	450	Max WS	UF_Tr200_3h	255.90	479.29	482.67	483.54	485.35	0.032068	7.25			35.32	14.78	1.50
Staggia	450	Max WS	UF_Tr200_4h	234.57	479.29	482.54	483.38	485.05	0.031400	7.02			33.39	14.47	1.48
Staggia	450	Max WS	UF_Tr200_6h	184.83	479.29	482.20	482.81	484.32	0.029781	6.46			28.62	13.63	1.42
Staggia	447.5	Max WS	UF_Tr200_2h	249.61	478.67	481.91	482.89	485.16	0.044850	7.98			31.28	15.09	1.77
Staggia	447.5	Max WS	UF_Tr200_1h	178.67	478.67	481.48	482.30	484.08	0.042497	7.15			24.99	13.77	1.69
Staggia	447.5	Max WS	UF_Tr200_0.5h	249.60	478.67	481.91	482.90	485.16	0.044846	7.98			31.28	15.09	1.77
Staggia	447.5	Max WS	UF_Tr200_3h	255.90	478.67	481.95	482.94	485.25	0.045100	8.05			31.78	15.18	1.78
Staggia	447.5	Max WS	UF_Tr200_4h	234.56	478.67	481.83	482.77	484.94	0.044467	7.82			30.00	14.86	1.76
Staggia	447.5	Max WS	UF_Tr200_6h	184.83	478.67	481.52	482.35	484.18	0.042783	7.23			25.57	13.91	1.70
Staggia	447.4			Lat Struct											

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Staggia	445	Max WS	UF_Tr200_2h	241.23	478.20	481.33	481.56	482.89	0.017428	5.54	1.29		44.37	20.11	1.14
Staggia	445	Max WS	UF_Tr200_1h	173.83	478.20	480.93	481.05	482.10	0.016224	4.80	0.90		36.50	19.16	1.08
Staggia	445	Max WS	UF_Tr200_0.5h	241.23	478.20	481.33	481.56	482.89	0.017436	5.54	1.29		44.37	20.11	1.14
Staggia	445	Max WS	UF_Tr200_3h	247.09	478.20	481.36	481.60	482.95	0.017584	5.61	1.31		44.97	20.19	1.14
Staggia	445	Max WS	UF_Tr200_4h	227.22	478.20	481.25	481.47	482.73	0.017192	5.40	1.22		42.81	19.91	1.13
Staggia	445	Max WS	UF_Tr200_6h	180.73	478.20	480.97	481.10	482.19	0.016530	4.90	0.95		37.22	19.24	1.09
Staggia	440	Max WS	UF_Tr200_2h	272.76	477.67	480.63	481.10	482.50	0.023130	6.06	0.92	0.97	45.56	23.97	1.33
Staggia	440	Max WS	UF_Tr200_1h	196.30	477.67	480.26	480.59	481.70	0.023130	5.32	0.32	0.15	36.93	21.78	1.29
Staggia	440	Max WS	UF_Tr200_0.5h	272.97	477.67	480.63	481.10	482.50	0.023143	6.06	0.93	0.97	45.57	23.97	1.34
Staggia	440	Max WS	UF_Tr200_3h	278.21	477.67	480.66	481.14	482.55	0.023064	6.10	0.95	1.02	46.19	24.07	1.34
Staggia	440	Max WS	UF_Tr200_4h	255.69	477.67	480.55	481.00	482.33	0.023151	5.91	0.82	0.81	43.66	23.68	1.33
Staggia	440	Max WS	UF_Tr200_6h	200.28	477.67	480.28	480.62	481.74	0.023126	5.36	0.36	0.21	37.39	21.94	1.29
Staggia	430	Max WS	UF_Tr200_2h	240.84	476.07	478.99	479.37	480.81	0.018013	6.09	1.87	2.07	43.46	20.14	1.23
Staggia	430	Max WS	UF_Tr200_1h	179.33	476.07	478.64	478.89	480.04	0.016954	5.34	1.55	1.82	36.41	19.53	1.16
Staggia	430	Max WS	UF_Tr200_0.5h	240.90	476.07	478.99	479.37	480.81	0.018023	6.09	1.87	2.07	43.46	20.14	1.23
Staggia	430	Max WS	UF_Tr200_3h	245.00	476.07	479.02	479.40	480.86	0.018071	6.14	1.89	2.09	43.91	20.18	1.24
Staggia	430	Max WS	UF_Tr200_4h	226.45	476.07	478.92	479.27	480.63	0.017762	5.92	1.80	2.02	41.90	20.01	1.22
Staggia	430	Max WS	UF_Tr200_6h	182.65	476.07	478.66	478.92	480.08	0.016939	5.37	1.57	1.83	36.87	19.57	1.17
Staggia	420	Max WS	UF_Tr200_2h	184.95	475.31	477.41	478.03	479.44	0.029078	6.45	1.84	2.15	31.74	20.79	1.50
Staggia	420	Max WS	UF_Tr200_1h	140.35	475.31	477.17	477.63	478.77	0.026997	5.68	1.62	1.67	26.87	20.21	1.41
Staggia	420	Max WS	UF_Tr200_0.5h	184.96	475.31	477.41	478.03	479.44	0.029080	6.45	1.84	2.15	31.74	20.79	1.50
Staggia	420	Max WS	UF_Tr200_3h	188.03	475.31	477.43	478.06	479.48	0.029207	6.50	1.82	2.18	32.07	20.91	1.50
Staggia	420	Max WS	UF_Tr200_4h	174.36	475.31	477.36	477.95	479.28	0.028551	6.27	1.83	2.05	30.65	20.57	1.48
Staggia	420	Max WS	UF_Tr200_6h	142.75	475.31	477.19	477.65	478.80	0.027157	5.73	1.63	1.70	27.13	20.24	1.42
Staggia	416	Max WS	UF_Tr200_2h	207.32	474.47	476.60	477.38	479.17	0.052824	7.26	2.49	2.46	31.18	25.94	1.93
Staggia	416	Max WS	UF_Tr200_1h	153.08	474.47	476.35	476.99	478.52	0.056224	6.60	1.96	1.87	24.82	25.43	1.93
Staggia	416	Max WS	UF_Tr200_0.5h	207.33	474.47	476.60	477.38	479.17	0.052830	7.26	2.49	2.46	31.18	25.94	1.93
Staggia	416	Max WS	UF_Tr200_3h	211.05	474.47	476.62	477.40	479.22	0.052613	7.30	2.52	2.49	31.60	25.97	1.93
Staggia	416	Max WS	UF_Tr200_4h	194.54	474.47	476.54	477.30	479.02	0.053420	7.11	2.38	2.34	29.75	25.83	1.93
Staggia	416	Max WS	UF_Tr200_6h	155.96	474.47	476.37	477.01	478.55	0.055888	6.64	1.99	1.91	25.19	25.46	1.93
Staggia	410	Max WS	UF_Tr200_2h	273.07	470.90	473.67	473.99	475.34	0.019917	5.72			47.72	21.13	1.22
Staggia	410	Max WS	UF_Tr200_1h	196.49	470.90	473.21	473.46	474.56	0.020221	5.14			38.21	20.46	1.20
Staggia	410	Max WS	UF_Tr200_0.5h	273.09	470.90	473.67	474.00	475.34	0.019912	5.72			47.73	21.13	1.22
Staggia	410	Max WS	UF_Tr200_3h	278.30	470.90	473.70	474.03	475.39	0.019925	5.76			48.32	21.17	1.22
Staggia	410	Max WS	UF_Tr200_4h	255.13	470.90	473.57	473.88	475.16	0.019957	5.60			45.58	20.98	1.21
Staggia	410	Max WS	UF_Tr200_6h	202.84	470.90	473.24	473.51	474.63	0.020408	5.21			38.90	20.51	1.21
Staggia	400	Max WS	UF_Tr200_2h	273.07	468.92	471.92	472.64	474.47	0.029437	7.08	0.64	1.04	38.79	17.96	1.50
Staggia	400	Max WS	UF_Tr200_1h	196.28	468.92	471.46	472.04	473.53	0.031391	6.36		0.39	30.86	16.91	1.50
Staggia	400	Max WS	UF_Tr200_0.5h	273.08	468.92	471.92	472.64	474.47	0.029439	7.08	0.64	1.04	38.79	17.96	1.50
Staggia	400	Max WS	UF_Tr200_3h	278.27	468.92	471.95	472.68	474.53	0.029336	7.12	0.68	1.07	39.29	18.02	1.50
Staggia	400	Max WS	UF_Tr200_4h	255.11	468.92	471.82	472.51	474.26	0.029884	6.92	0.48	0.92	37.00	17.73	1.50
Staggia	400	Max WS	UF_Tr200_6h	200.59	468.92	471.49	472.08	473.58	0.031346	6.41		0.44	31.31	16.97	1.50
Staggia	390	Max WS	UF_Tr200_2h	273.07	466.26	470.27		471.35	0.009990	4.61			59.18	21.29	0.88
Staggia	390	Max WS	UF_Tr200_1h	196.26	466.26	469.78		470.59	0.008564	3.99			49.17	19.74	0.81
Staggia	390	Max WS	UF_Tr200_0.5h	273.07	466.26	470.27		471.35	0.009991	4.61			59.18	21.29	0.88
Staggia	390	Max WS	UF_Tr200_3h	278.25	466.26	470.30		471.40	0.010087	4.65			59.81	21.39	0.89
Staggia	390	Max WS	UF_Tr200_4h	255.11	466.26	470.16		471.18	0.009664	4.48			56.94	20.91	0.87
Staggia	390	Max WS	UF_Tr200_6h	200.36	466.26	469.81		470.63	0.008650	4.03			49.73	19.82	0.81
Staggia	380	Max WS	UF_Tr200_2h	273.05	466.05	468.58	469.95	473.54	0.089956	9.87		0.43	27.67	17.32	2.47
Staggia	380	Max WS	UF_Tr200_1h	196.25	466.05	468.33	469.39	471.86	0.073975	8.32			23.58	16.29	2.21
Staggia	380	Max WS	UF_Tr200_0.5h	273.07	466.05	468.58	469.95	473.54	0.089967	9.87		0.43	27.67	17.32	2.47
Staggia	380	Max WS	UF_Tr200_3h	278.24	466.05	468.59	469.99	473.66	0.090781	9.97		0.51	27.93	17.41	2.49
Staggia	380	Max WS	UF_Tr200_4h	255.10	466.05	468.52	469.82	473.17	0.087594	9.55			26.72	17.00	2.43
Staggia	380	Max WS	UF_Tr200_6h	200.28	466.05	468.35	469.42	471.96	0.075094	8.42			23.79	16.34	2.23
Staggia	378	Max WS	UF_Tr200_2h	273.06	465.61	467.14	469.29	483.94	0.563763	18.15			15.04	15.19	5.83
Staggia	378	Max WS	UF_Tr200_1h	196.26	465.61	466.91	468.72	481.27	0.624056	16.78			11.70	14.44	5.95
Staggia	378	Max WS	UF_Tr200_0.5h	273.07	465.61	467.14	469.29	483.94	0.563774	18.16			15.04	15.19	5.83
Staggia	378	Max WS	UF_Tr200_3h	278.24	465.61	467.15	469.32	484.12	0.561571	18.25			15.25	15.24	5.82
Staggia	378	Max WS	UF_Tr200_4h	255.10	465.61	467.09	469.17	483.41	0.577980	17.89			14.26	15.02	5.86
Staggia	378	Max WS	UF_Tr200_6h	200.28	465.61	466.92	468.75	481.46	0.622357	16.88			11.86	14.48	5.96
Staggia	374	Max WS	UF_Tr200_2h	273.06	459.13	462.81	462.99	464.39	0.016116	5.57			49.04	18.83	1.10
Staggia	374	Max WS	UF_Tr200_1h	196.26	459.13	462.16	462.37	463.57	0.018311	5.27			37.26	17.42	1.15
Staggia	374	Max WS	UF_Tr200_0.5h	273.06	459.13	462.81	462.99	464.39	0.016116	5.57			49.04	18.83	1.10
Staggia	374	Max WS	UF_Tr200_3h	278.24	459.13	462.85	463.03	464.44	0.016007	5.59			49.81	18.93	1.10
Staggia	374	Max WS	UF_Tr200_4h	255.10	459.13	462.66	462.85	464.21	0.016523	5.51			46.33	18.51	1.11
Staggia	374	Max WS	UF_Tr200_6h	200.27	459.13	462.19	462.41	463.62	0.018168	5.29			37.89	17.49	1.15
Staggia	370	Max WS	UF_Tr200_2h	273.07	459.13	462.74	462.66	464.05	0.012198	5.07			53.86	19.11	0.96
Staggia	370	Max WS	UF_Tr200_1h	196.26	459.13	462.08	462.05	463.21	0.013149	4.71			41.70	17.86	0.98
Staggia	370	Max WS	UF_Tr200_0.5h	273.07	459.13	462.74	462.66	464.05	0.012198	5.07			53.86	19.11	0.96
Staggia	370	Max WS	UF_Tr200_3h	278.24	459.13	462.78	462.69	464.10	0.012148	5.09			54.65	19.19	0.96
Staggia	370	Max WS	UF_Tr200_4h	255.10	459.13	462.59	462.52	463.86	0.012378	4.99			51.08	18.82	0.97
Staggia	370	Max WS	UF_Tr200_6h	200.27	459.13	462.11	462.08	463.25	0.013087	4.73			42.36	17.93	0.98
Staggia	50	Max WS	UF_Tr200_2h	273.05	456.86	461.67	461.92	463.59	0.017991	6.14			44.47	14.34	1.11
Staggia	50	Max WS	UF_Tr200_1h	196.25	456.86	460.97	461.14	462.58	0.017661	5.61			34.98	12.90	1.09
Staggia	50	Max WS	UF_Tr200_0.5h	273.04	456.86	461.67	461.92	463.59	0.017990	6.14			44.47	14.34	1.11
Staggia	50	Max WS	UF_Tr200_3h	278.15	456.86	461.71	461.97	463.65	0.017974	6.17			45.11	14.44	1.11
Staggia	50	Max WS	UF_Tr200_4h	255.08	456.86	461.51	461.75	463.37	0.017972	6.04			42.26	14.00	1.11
Staggia	50	Max WS	UF_Tr200_6h	200.24	456.86	461.01	461.18	462.63	0.017697	5.64			35.48	12.97	1.09
Staggia	45	Max WS	UF_Tr200_2h	272.92	456.21	460.55	460.33	461.86	0.009379	5.08	0.98	1.01	55.25	18.97	0.89
Staggia	45	Max WS	UF_Tr200_1h	196.22	456.21	459.76	459.69	460.94	0.012050	4.81	0.53	0.57	40.98	16.98	0.96
Staggia	45	Max WS	UF_Tr200_0.5h	272.91	456.21	460.55	460.33	461.86	0.009378	5.08	0.98	1.01	55.25	18.97	0.89
Staggia	45	Max WS	UF_Tr200_3h	277.99	456.21	460.60	460.37	461.92	0.009224	5.09	1.00	1.03	56.26	19.10	0.88
Staggia	45	Max WS	UF_Tr200_4h	255.00	456.21	460.37	460.19	461.65	0.009897	5.03	0.90	0.94	51.84	18.53	0.90
Staggia	45	Max WS	UF_Tr200_6h	200.23	456.21	459.80	459.73	460.99	0.011877	4.83	0.56	0.60	41.70	17.09	0.96
Staggia	44	Max WS	UF_Tr200_2h	272.91	456.20	460.52	460.62	462.48	0.011839	6.22	1.13	0.03	44.70	13.17	1.03
Staggia	44	Max WS	UF_Tr200_1h	196.22	456.20	459.72	459.85	461.38	0.013735	5.71	0.67	0.03	34.53	12.27	1.06
Staggia	44	Max WS	UF_Tr200_0.5h	272.90	456.20	460.52	460.61	462.48	0.011838	6.22	1.13	0.03	44.70	13.17	1.03
Staggia	44	Max WS	UF_Tr200_3h	277.98	456.20	460.57	460.67	462.55	0.011706	6.24	1.16	0.03	45.41	13.23	1.02
Staggia	44	Max WS	UF_Tr200_4h	255.00	456.20	460.34	460.45	462.24	0.012243	6.12	1.04	0.03	42.31	12.96	1.03
Staggia	44	Max WS	UF_Tr200_6h	200.23	456.20	459.76	459.89	461.44	0.013625	5.74	0.70	0.03	35.06	12.31	1.06
Staggia	43.19			Lat Struct											
Staggia	40	Max WS	UF_Tr200_2h	273.12	455.15	460.02	458.49	460.79	0.002982	3.89	0.28	0.32	71.83	15.10	0.57

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Staggia	40	Max WS	UF_Tr200_1h	196.21	455.15	459.07	457.84	459.69	0.003183	3.48	0.27	0.29	57.57	15.10	0.56
Staggia	40	Max WS	UF_Tr200_0.5h	273.07	455.15	460.02	458.49	460.79	0.002981	3.89	0.28	0.32	71.82	15.10	0.57
Staggia	40	Max WS	UF_Tr200_3h	278.31	455.15	460.08	458.53	460.86	0.002971	3.92	0.28	0.32	72.73	15.10	0.57
Staggia	40	Max WS	UF_Tr200_4h	255.04	455.15	459.80	458.34	460.54	0.003021	3.80	0.28	0.31	68.62	15.10	0.57
Staggia	40	Max WS	UF_Tr200_6h	200.28	455.15	459.12	457.88	459.75	0.003172	3.50	0.27	0.30	58.36	15.10	0.56
Staggia	39			Inl Struct											
Staggia	38	Max WS	UF_Tr200_2h	273.12	452.86	456.69		458.13	0.011704	5.31	0.31	0.33	51.60	14.81	0.90
Staggia	38	Max WS	UF_Tr200_1h	196.20	452.86	456.07		457.16	0.011445	4.63	0.22	0.23	42.49	14.69	0.86
Staggia	38	Max WS	UF_Tr200_0.5h	273.07	452.86	456.69		458.13	0.011703	5.31	0.31	0.33	51.60	14.81	0.90
Staggia	38	Max WS	UF_Tr200_3h	278.32	452.86	456.73		458.19	0.011728	5.36	0.32	0.33	52.17	14.82	0.90
Staggia	38	Max WS	UF_Tr200_4h	255.04	452.86	456.56		457.91	0.011609	5.16	0.29	0.30	49.62	14.78	0.89
Staggia	38	Max WS	UF_Tr200_6h	200.28	452.86	456.11		457.22	0.011461	4.67	0.22	0.23	43.01	14.69	0.87
Staggia	33.99			Lat Struct											
Staggia	30	Max WS	UF_Tr200_2h	263.34	451.74	455.62	454.75	456.32	0.003900	3.82	1.22	0.91	80.72	28.53	0.62
Staggia	30	Max WS	UF_Tr200_1h	194.10	451.74	455.02	454.24	455.59	0.003932	3.42	0.99	0.75	64.13	26.16	0.61
Staggia	30	Max WS	UF_Tr200_0.5h	263.33	451.74	455.62	454.75	456.32	0.003900	3.82	1.22	0.91	80.72	28.53	0.62
Staggia	30	Max WS	UF_Tr200_3h	267.63	451.74	455.66	454.76	456.36	0.003901	3.84	1.23	0.92	81.70	28.65	0.62
Staggia	30	Max WS	UF_Tr200_4h	247.88	451.74	455.50	454.64	456.16	0.003902	3.74	1.18	0.87	77.14	28.10	0.62
Staggia	30	Max WS	UF_Tr200_6h	197.85	451.74	455.05	454.27	455.63	0.003927	3.44	1.01	0.75	65.08	26.36	0.61
Staggia	29			Inl Struct											
Staggia	28	Max WS	UF_Tr200_2h	263.35	445.65	450.82		451.29	0.001652	3.04	0.00	0.00	86.73	16.79	0.43
Staggia	28	Max WS	UF_Tr200_1h	194.10	445.65	449.79		450.19	0.001875	2.79	0.00	0.00	69.54	16.79	0.44
Staggia	28	Max WS	UF_Tr200_0.5h	263.34	445.65	450.82		451.29	0.001652	3.04	0.00	0.00	86.73	16.79	0.43
Staggia	28	Max WS	UF_Tr200_3h	267.63	445.65	450.88		451.35	0.001645	3.05	0.00	0.00	87.70	16.79	0.43
Staggia	28	Max WS	UF_Tr200_4h	247.88	445.65	450.60		451.05	0.001691	2.98	0.00	0.00	83.05	16.79	0.43
Staggia	28	Max WS	UF_Tr200_6h	197.85	445.65	449.85		450.26	0.001856	2.80	0.00	0.00	70.55	16.79	0.44
Staggia	27	Max WS	UF_Tr200_2h	271.60	445.65	450.73	448.64	451.25	0.002648	3.19	0.00		85.25	16.79	0.45
Staggia	27	Max WS	UF_Tr200_1h	196.13	445.65	449.75	448.05	450.17	0.002650	2.85	0.00		68.83	16.79	0.45
Staggia	27	Max WS	UF_Tr200_0.5h	271.59	445.65	450.73	448.64	451.25	0.002648	3.19	0.00		85.25	16.79	0.45
Staggia	27	Max WS	UF_Tr200_3h	276.22	445.65	450.78	448.67	451.31	0.002651	3.21	0.00		86.17	16.79	0.45
Staggia	27	Max WS	UF_Tr200_4h	254.82	445.65	450.52	448.52	451.02	0.002648	3.12	0.00		81.73	16.79	0.45
Staggia	27	Max WS	UF_Tr200_6h	200.19	445.65	449.81	448.09	450.23	0.002645	2.87	0.00		69.81	16.79	0.45
Staggia	26			Bridge											
Staggia	25	Max WS	UF_Tr200_2h	271.60	445.65	450.11		450.78	0.003938	3.63	0.00		74.81	16.79	0.55
Staggia	25	Max WS	UF_Tr200_1h	196.13	445.65	449.24		449.78	0.003984	3.25	0.00		60.31	16.79	0.55
Staggia	25	Max WS	UF_Tr200_0.5h	271.58	445.65	450.11		450.78	0.003937	3.63	0.00		74.81	16.79	0.55
Staggia	25	Max WS	UF_Tr200_3h	276.22	445.65	450.16		450.84	0.003935	3.65	0.00		75.66	16.79	0.55
Staggia	25	Max WS	UF_Tr200_4h	254.82	445.65	449.92		450.57	0.003946	3.55	0.00		71.70	16.79	0.55
Staggia	25	Max WS	UF_Tr200_6h	200.19	445.65	449.29		449.84	0.003980	3.27	0.00		61.14	16.79	0.55
Staggia	23	Max WS	UF_Tr200_2h	271.64	445.65	450.08	448.64	450.76	0.004026	3.66	0.00		74.28	16.79	0.56
Staggia	23	Max WS	UF_Tr200_1h	196.13	445.65	449.21	448.05	449.76	0.004095	3.28	0.00		59.78	16.79	0.56
Staggia	23	Max WS	UF_Tr200_0.5h	271.64	445.65	450.08	448.64	450.76	0.004026	3.66	0.00		74.27	16.79	0.56
Staggia	23	Max WS	UF_Tr200_3h	276.30	445.65	450.13	448.68	450.82	0.004024	3.68	0.01		75.12	16.79	0.56
Staggia	23	Max WS	UF_Tr200_4h	254.82	445.65	449.89	448.52	450.55	0.004036	3.58	0.00		71.18	16.79	0.56
Staggia	23	Max WS	UF_Tr200_6h	200.19	445.65	449.26	448.09	449.82	0.004089	3.30	0.00		60.60	16.79	0.56
Staggia	22			Inl Struct											
Staggia	21	Max WS	UF_Tr200_2h	271.04	443.15	447.96	447.93	450.17	0.009738	6.60	0.58	0.62	42.76	9.83	0.99
Staggia	21	Max WS	UF_Tr200_1h	196.02	443.15	447.16	447.06	448.87	0.009757	5.80	0.53	0.54	34.94	9.74	0.96
Staggia	21	Max WS	UF_Tr200_0.5h	271.10	443.15	447.96	447.93	450.17	0.009747	6.60	0.58	0.62	42.75	9.83	0.99
Staggia	21	Max WS	UF_Tr200_3h	276.02	443.15	448.02	447.98	450.26	0.009691	6.64	0.58	0.62	43.31	9.83	0.99
Staggia	21	Max WS	UF_Tr200_4h	254.68	443.15	447.79	447.74	449.90	0.009804	6.45	0.57	0.61	41.05	9.81	0.99
Staggia	21	Max WS	UF_Tr200_6h	200.11	443.15	447.22	447.11	448.95	0.009699	5.84	0.53	0.55	35.46	9.75	0.96
Staggia	20	Max WS	UF_Tr200_2h	254.68	443.15	447.74	447.75	449.91	0.015920	6.53		0.77	39.82	9.50	1.01
Staggia	20	Max WS	UF_Tr200_1h	186.16	443.15	446.94	446.95	448.69	0.015508	5.86		0.66	32.29	9.42	1.00
Staggia	20	Max WS	UF_Tr200_0.5h	254.36	443.15	447.74	447.75	449.90	0.015884	6.52		0.77	39.81	9.50	1.01
Staggia	20	Max WS	UF_Tr200_3h	259.76	443.15	447.80	447.81	449.99	0.015946	6.58		0.77	40.35	9.51	1.01
Staggia	20	Max WS	UF_Tr200_4h	238.77	443.15	447.57	447.57	449.64	0.015777	6.38		0.74	38.17	9.49	1.00
Staggia	20	Max WS	UF_Tr200_6h	190.03	443.15	447.00	447.00	448.77	0.015445	5.90		0.66	32.80	9.43	1.00
Staggia	18.45			Lat Struct											
Staggia	12.308	Max WS	UF_Tr200_2h	267.02	441.41	445.51	446.30	448.83	0.028336	8.13		2.01	34.50	9.63	1.32
Staggia	12.308	Max WS	UF_Tr200_1h	194.68	441.41	444.81	445.45	447.48	0.027391	7.28		1.70	27.82	9.41	1.31
Staggia	12.308	Max WS	UF_Tr200_0.5h	267.08	441.41	445.51	446.31	448.83	0.028355	8.14		2.02	34.50	9.63	1.32
Staggia	12.308	Max WS	UF_Tr200_3h	272.57	441.41	445.56	446.37	448.93	0.028378	8.19		2.04	35.01	9.63	1.32
Staggia	12.308	Max WS	UF_Tr200_4h	251.25	441.41	445.37	446.13	448.55	0.028109	7.96		1.95	33.11	9.62	1.32
Staggia	12.308	Max WS	UF_Tr200_6h	199.49	441.41	444.86	445.51	447.58	0.027457	7.34		1.72	28.28	9.43	1.31
Staggia_valle	11.538	Max WS	UF_Tr200_2h	272.89	441.24	445.51	445.67	447.50	0.011733	6.75	2.87	1.36	51.13	15.64	1.07
Staggia_valle	11.538	Max WS	UF_Tr200_1h	196.84	441.24	444.81	444.93	446.43	0.012066	6.02	2.55	1.19	40.35	15.06	1.05
Staggia_valle	11.538	Max WS	UF_Tr200_0.5h	272.94	441.24	445.51	445.67	447.50	0.011741	6.75	2.87	1.36	51.12	15.64	1.07
Staggia_valle	11.538	Max WS	UF_Tr200_3h	279.08	441.24	445.56	445.72	447.58	0.011724	6.80	2.90	1.37	51.94	15.67	1.07
Staggia_valle	11.538	Max WS	UF_Tr200_4h	255.92	441.24	445.37	445.51	447.27	0.011755	6.59	2.81	1.32	48.86	15.56	1.07
Staggia_valle	11.538	Max WS	UF_Tr200_6h	201.71	441.24	444.86	444.98	446.50	0.012024	6.07	2.57	1.20	41.09	15.11	1.05
Staggia_valle	11.5			Lat Struct											
Staggia_valle	10	Max WS	UF_Tr200_2h	272.65	440.89	445.19	445.22	446.98	0.010774	6.49	2.89	1.34	54.23	16.57	1.03
Staggia_valle	10	Max WS	UF_Tr200_1h	196.82	440.89	444.48	444.51	445.95	0.011189	5.82	2.57	1.17	42.67	15.90	1.01
Staggia_valle	10	Max WS	UF_Tr200_0.5h	272.70	440.89	445.19	445.22	446.98	0.010781	6.49	2.89	1.34	54.22	16.57	1.03
Staggia_valle	10	Max WS	UF_Tr200_3h	278.86	440.89	445.24	445.27	447.06	0.010767	6.55	2.91	1.35	55.10	16.60	1.03
Staggia_valle	10	Max WS	UF_Tr200_4h	255.90	440.89	445.05	445.07	446.76	0.010814	6.35	2.82	1.30	51.82	16.46	1.02
Staggia_valle	10	Max WS	UF_Tr200_6h	201.69	440.89	444.53	444.55	446.02	0.011141	5.87	2.59	1.18	43.47	15.95	1.01
Staggia_valle	7	Max WS	UF_Tr200_2h	271.71	439.23	444.58	443.08	445.16	0.002821	3.94	1.70	0.56	102.44	32.42	0.55
Staggia_valle	7	Max WS	UF_Tr200_1h	196.76	439.23	443.69	442.59	444.23	0.003170	3.69	1.51	0.45	75.67	25.77	0.57
Staggia_valle	7	Max WS	UF_Tr200_0.5h	271.72	439.23	444.58	443.08	445.16	0.002822	3.94	1.70	0.56	102.44	32.42	0.55
Staggia_valle	7	Max WS	UF_Tr200_3h	277.79	439.23	444.65	443.08	445.23	0.002794	3.96	1.71	0.58	104.66	32.52	0.55
Staggia_valle	7	Max WS	UF_Tr200_4h	254.92	439.23	444.39	443.01	444.96	0.002882	3.89	1.66	0.49	96.49	32.16	0.55
Staggia_valle	7	Max WS	UF_Tr200_6h	201.68	439.23	443.76	442.63	444.29	0.003134	3.71	1.52	0.46	77.35	25.88	0.56
Staggia_valle	6			Bridge											
Staggia_valle	5	Max WS	UF_Tr200_2h	271.71	439.18	444.33		445.01	0.003484	4.23	1.81	0.52	92.49	26.79	0.61
Staggia_valle	5	Max WS	UF_Tr200_1h	196.73	439.18	443.64		444.19	0.003348	3.75	1.53	0.46	74.31	25.69	0.58

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Staggia_valle	5	Max WS	UF_Tr200_0.5h	271.72	439.18	444.33		445.01	0.003486	4.23	1.81	0.52	92.48	26.79	0.61
Staggia_valle	5	Max WS	UF_Tr200_3h	277.79	439.18	444.36		445.06	0.003558	4.29	1.84	0.53	93.27	26.83	0.61
Staggia_valle	5	Max WS	UF_Tr200_4h	254.92	439.18	444.25		444.88	0.003280	4.06	1.73	0.50	90.28	26.66	0.59
Staggia_valle	5	Max WS	UF_Tr200_6h	201.68	439.18	443.71		444.26	0.003298	3.77	1.55	0.46	76.08	25.80	0.58
Staggia_valle	4.1			Lat Struct											
Staggia_valle	4	Max WS	UF_Tr200_2h	255.27	438.99	443.67	442.40	444.62	0.004701	4.77	2.19	0.57	69.07	15.69	0.70
Staggia_valle	4	Max WS	UF_Tr200_1h	196.74	438.99	442.94	441.85	443.73	0.004833	4.32	2.07	0.51	57.84	15.41	0.69
Staggia_valle	4	Max WS	UF_Tr200_0.5h	255.26	438.99	443.67	442.40	444.62	0.004701	4.77	2.19	0.57	69.06	15.69	0.70
Staggia_valle	4	Max WS	UF_Tr200_3h	258.26	438.99	443.70	442.43	444.66	0.004696	4.79	2.20	0.57	69.61	15.70	0.71
Staggia_valle	4	Max WS	UF_Tr200_4h	246.22	438.99	443.56	442.32	444.48	0.004713	4.70	2.17	0.56	67.41	15.65	0.70
Staggia_valle	4	Max WS	UF_Tr200_6h	201.66	438.99	443.01	441.90	443.80	0.004818	4.36	2.08	0.51	58.83	15.43	0.70
Staggia_valle	3.7			Inl Struct											
Staggia_valle	3.5	Max WS	UF_Tr200_2h	255.23	432.95	438.33		439.12	0.002642	3.95	0.07	0.57	67.31	13.00	0.54
Staggia_valle	3.5	Max WS	UF_Tr200_1h	196.74	432.95	437.38		438.07	0.003008	3.70	0.06	0.54	55.02	12.84	0.56
Staggia_valle	3.5	Max WS	UF_Tr200_0.5h	255.22	432.95	438.33		439.12	0.002643	3.95	0.07	0.57	67.31	13.00	0.54
Staggia_valle	3.5	Max WS	UF_Tr200_3h	258.25	432.95	438.41		439.19	0.002584	3.94	0.07	0.56	68.27	13.02	0.54
Staggia_valle	3.5	Max WS	UF_Tr200_4h	246.22	432.95	438.14		438.93	0.002771	3.95	0.07	0.57	64.86	12.97	0.55
Staggia_valle	3.5	Max WS	UF_Tr200_6h	201.66	432.95	437.45		438.16	0.002992	3.73	0.06	0.54	55.96	12.85	0.56
Staggia_valle	3	Max WS	UF_Tr200_2h	259.65	432.90	438.01		439.25	0.004461	4.95	0.01	0.71	54.68	11.16	0.70
Staggia_valle	3	Max WS	UF_Tr200_1h	196.74	432.90	437.13		438.18	0.004797	4.53	0.00	0.66	45.00	11.01	0.70
Staggia_valle	3	Max WS	UF_Tr200_0.5h	259.64	432.90	438.01		439.25	0.004461	4.95	0.01	0.71	54.68	11.16	0.70
Staggia_valle	3	Max WS	UF_Tr200_3h	263.94	432.90	438.07		439.32	0.004436	4.98	0.01	0.71	55.34	11.16	0.70
Staggia_valle	3	Max WS	UF_Tr200_4h	248.10	432.90	437.85		439.06	0.004525	4.88	0.01	0.70	52.92	11.13	0.70
Staggia_valle	3	Max WS	UF_Tr200_6h	201.66	432.90	437.21		438.26	0.004769	4.57	0.00	0.66	45.77	11.02	0.70
Staggia_valle	2			Culvert											
Staggia_valle	1.5	Max WS	UF_Tr200_2h	259.56	431.71	435.63	435.43	437.26	0.008493	5.73	1.18	1.15	49.68	13.73	0.92
Staggia_valle	1.5	Max WS	UF_Tr200_1h	196.74	431.71	434.43	434.80	436.40	0.016538	6.27	1.29	1.41	33.66	13.11	1.21
Staggia_valle	1.5	Max WS	UF_Tr200_0.5h	259.52	431.71	435.63	435.43	437.26	0.008495	5.73	1.18	1.15	49.68	13.73	0.92
Staggia_valle	1.5	Max WS	UF_Tr200_3h	261.79	431.71	435.32	435.46	437.28	0.011340	6.27	1.29	1.29	45.53	13.57	1.05
Staggia_valle	1.5	Max WS	UF_Tr200_4h	223.96	431.71	434.59	435.09	436.87	0.017722	6.74	1.39	1.49	35.75	13.19	1.27
Staggia_valle	1.5	Max WS	UF_Tr200_6h	201.60	431.71	434.45	434.86	436.49	0.016955	6.38	1.31	1.43	33.91	13.12	1.23
Staggia_valle	0	Max WS	UF_Tr200_2h	19.49	431.40	434.26	432.07	434.28	0.000144	0.60	0.25	0.07	43.05	21.03	0.11
Staggia_valle	0	Max WS	UF_Tr200_1h	19.49	431.40	434.26	432.07	434.28	0.000144	0.60	0.25	0.07	43.05	21.03	0.11
Staggia_valle	0	Max WS	UF_Tr200_0.5h	19.48	431.40	434.26	432.07	434.28	0.000144	0.60	0.25	0.07	43.05	21.03	0.11
Staggia_valle	0	Max WS	UF_Tr200_3h	19.56	431.40	434.26	432.07	434.28	0.000145	0.60	0.25	0.07	43.05	21.03	0.11
Staggia_valle	0	Max WS	UF_Tr200_4h	51.80	431.40	434.26	432.67	434.37	0.001020	1.60	0.66	0.19	43.05	21.03	0.30
Staggia_valle	0	Max WS	UF_Tr200_6h	201.59	431.40	434.26	434.61	435.87	0.015443	6.22	2.56	0.72	43.05	21.03	1.18

ALLEGATI

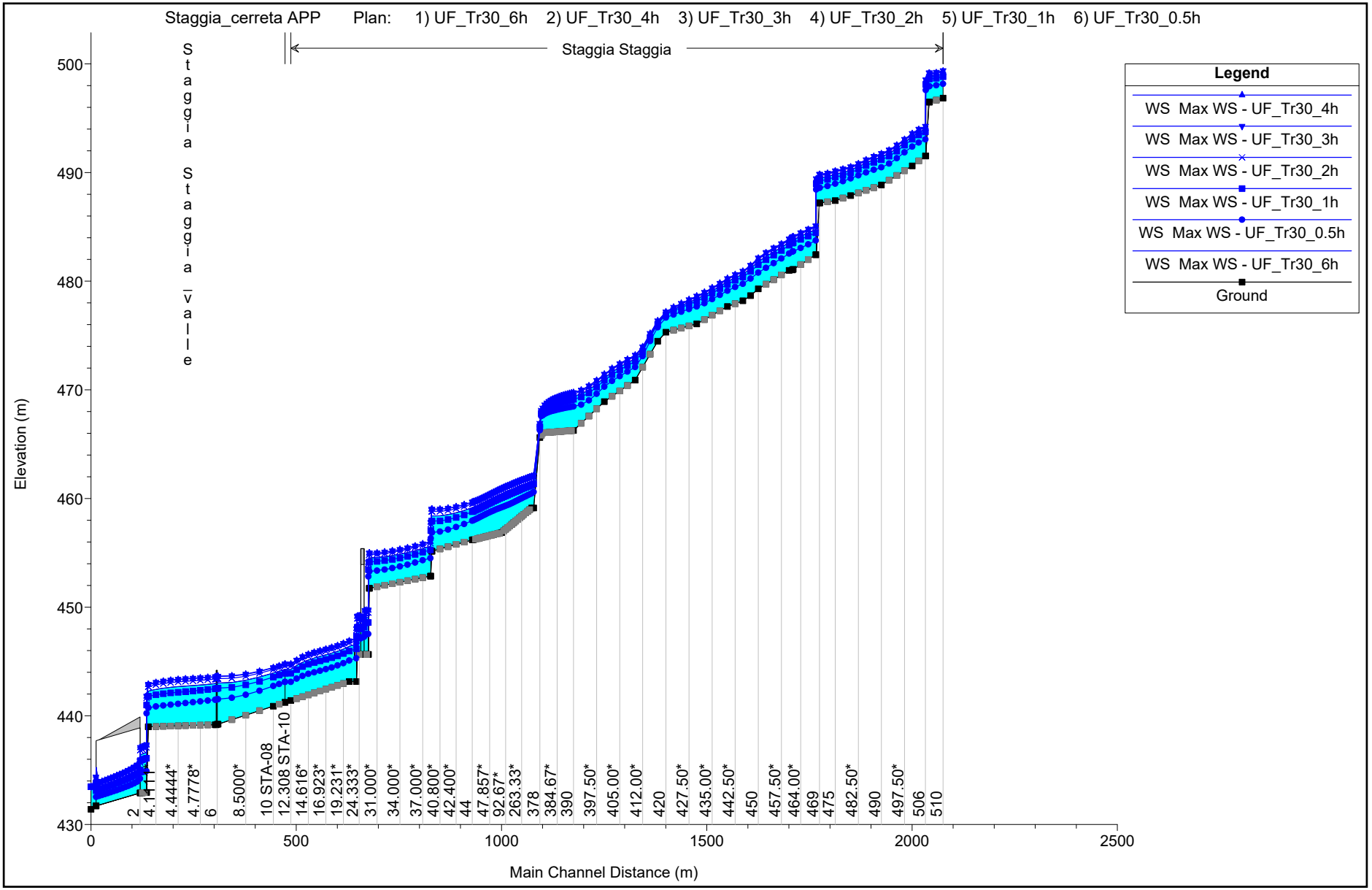
MODELLAZIONE HEC-RAS 5.0.7 "STAGGIA_CERRETA_APP"

STAGGIA

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 0.5, 1, 2, 3, 4 e 6 h

Profilo longitudinale


Staggia_cerreta APP
Plan: 1) UF_Tr30_6h 2) UF_Tr30_4h 3) UF_Tr30_3h 4) UF_Tr30_2h 5) UF_Tr30_1h 6) UF_Tr30_0.5h
Staggia Staggia
Staggia Staggia_valle
Legend
WS Max WS - UF_Tr30_4h
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_0.5h
WS Max WS - UF_Tr30_6h
Ground
Elevation (m)
Main Channel Distance (m)
500
490
480
470
460
450
440
430
0
500
1000
1500
2000
2500
2
4.111*
4.4444*
4.7778*
6
8.5000*
10 STA-08
12.308 STA-10
14.616*
16.923*
19.231*
24.333*
31.000*
34.000*
37.000*
40.800*
42.400*
44
47.857*
92.67*
263.33*
378
384.67*
390
397.50*
405.00*
412.00*
420
427.50*
435.00*
442.50*
450
457.50*
464.00*
469
475
482.50*
490
497.50*
506
510

ALLEGATI

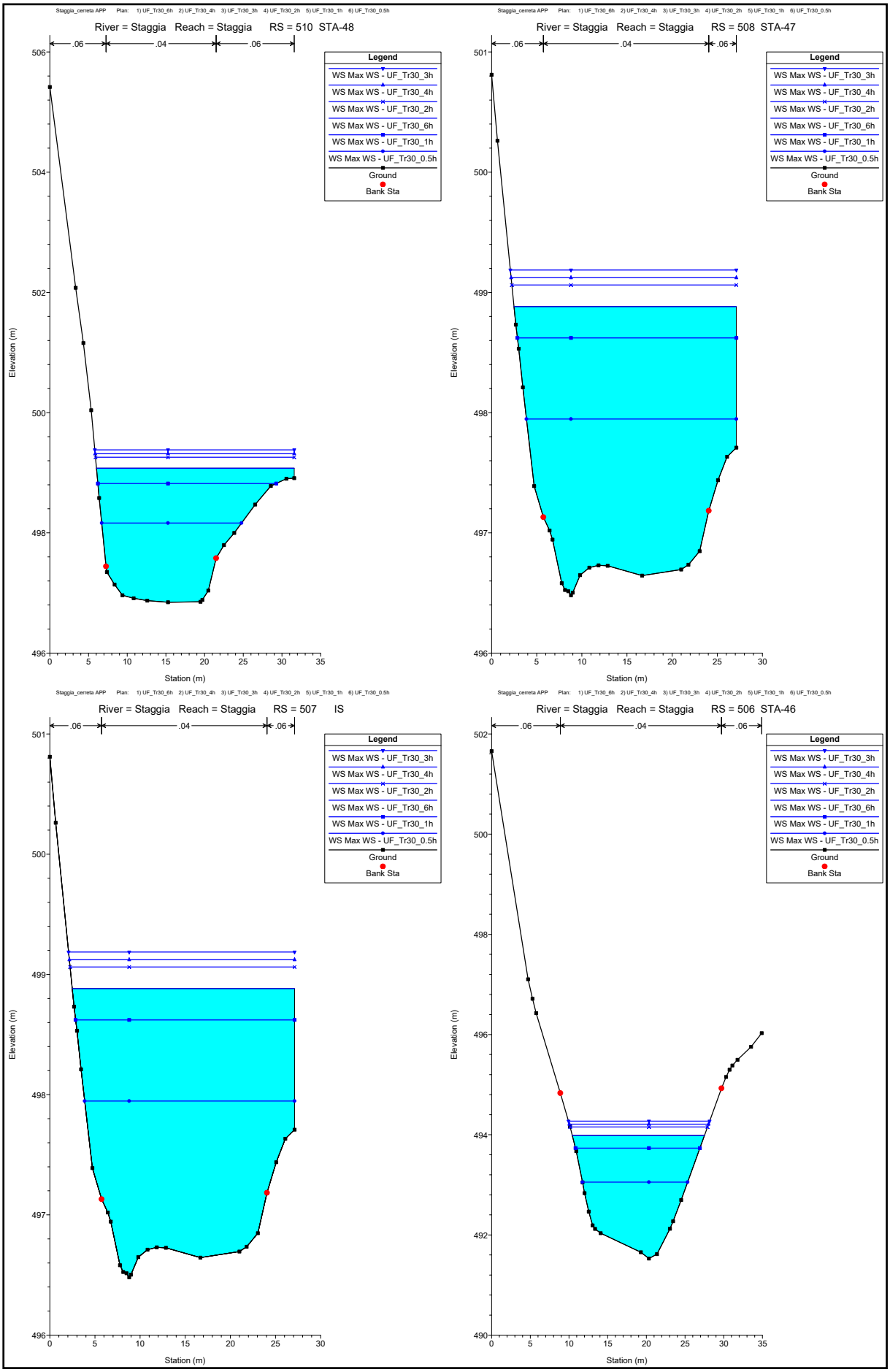
MODELLAZIONE HEC-RAS 5.0.7 "STAGGIA_CERRETA_APP"

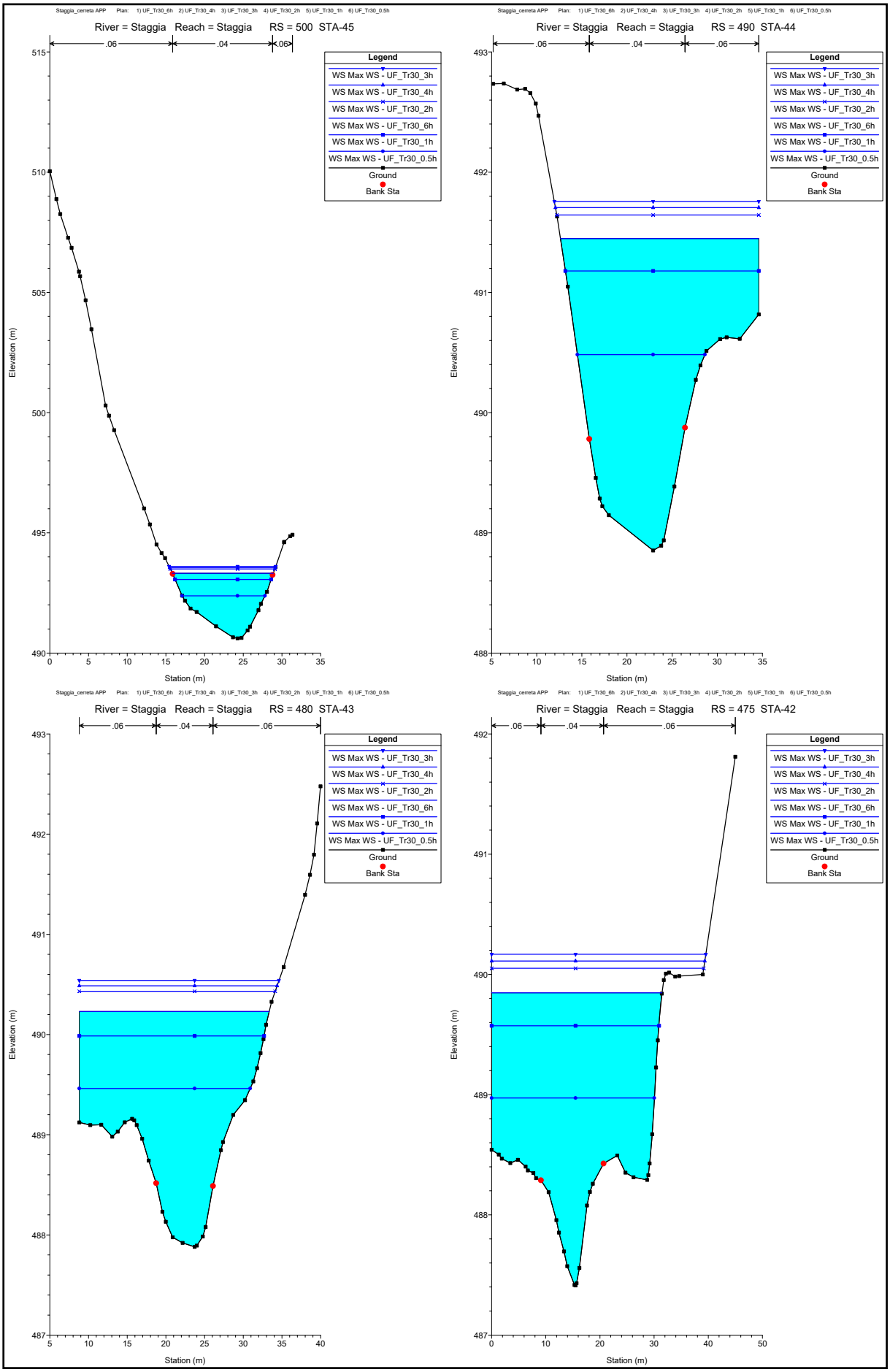
STAGGIA

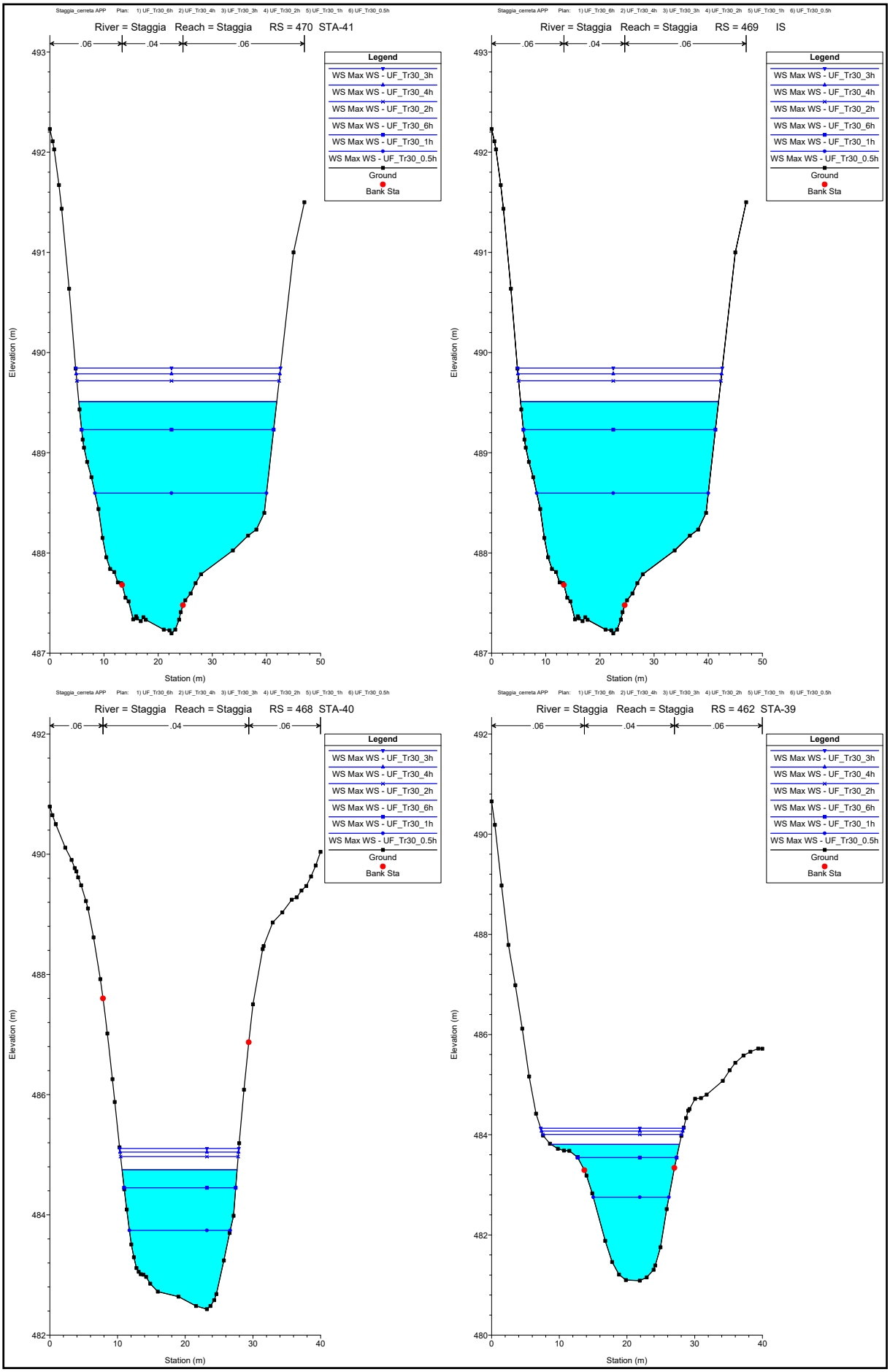
MODELLAZIONE PER TR= 30 anni

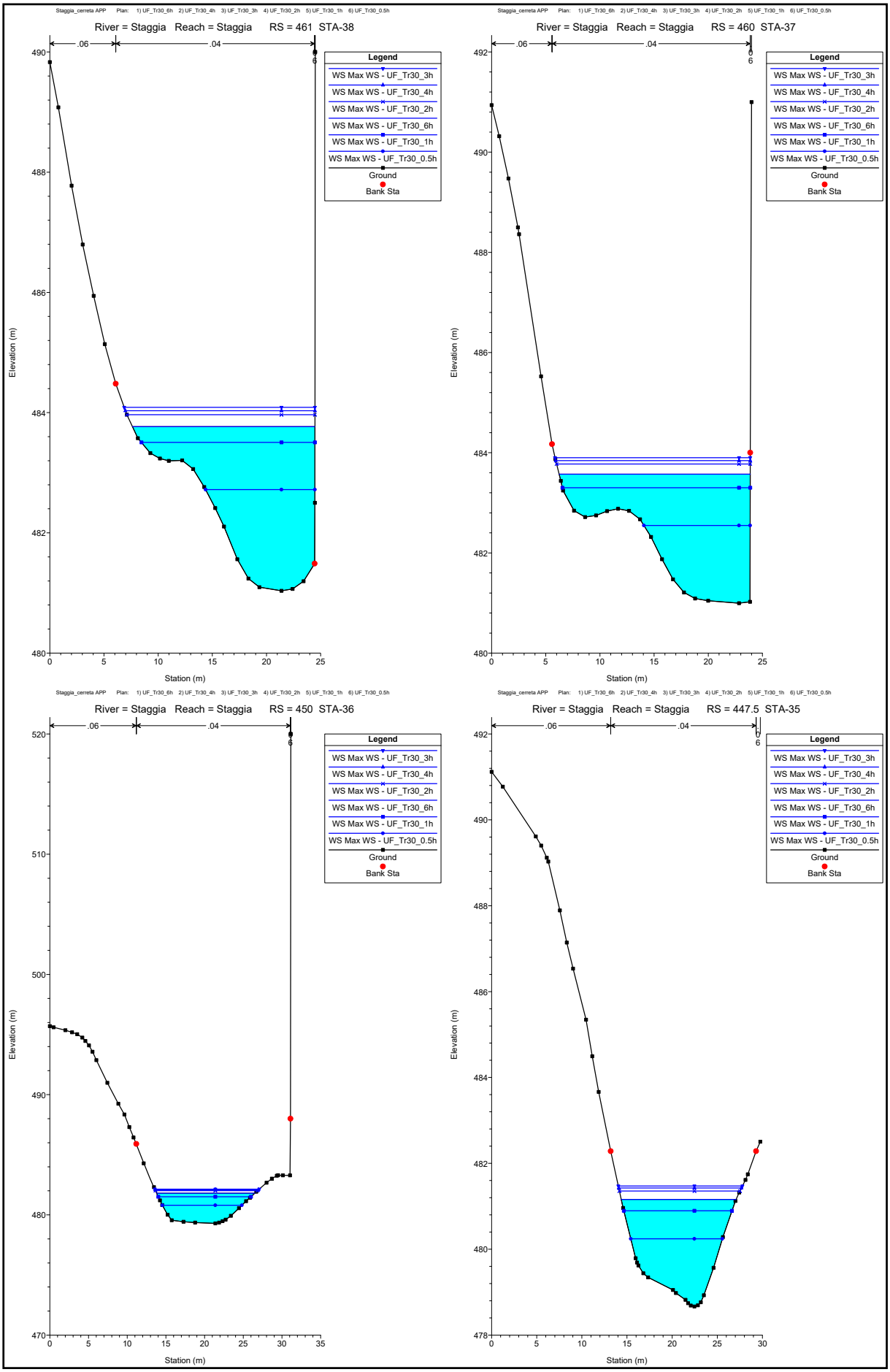
DURATE DI PIOGGIA: 0.5, 1, 2, 3, 4 e 6 h

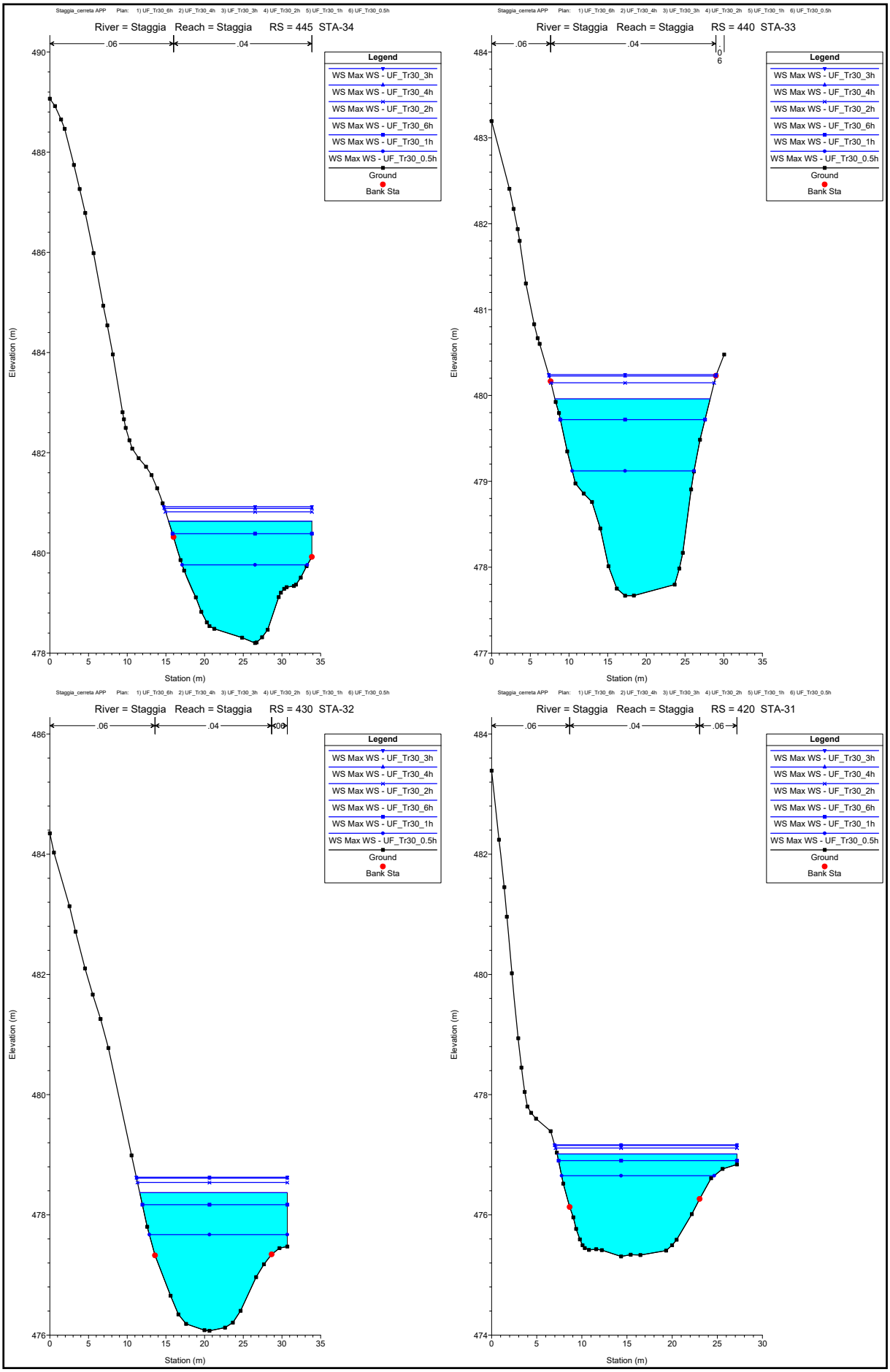
Sezioni Trasversali (da monte verso valle)

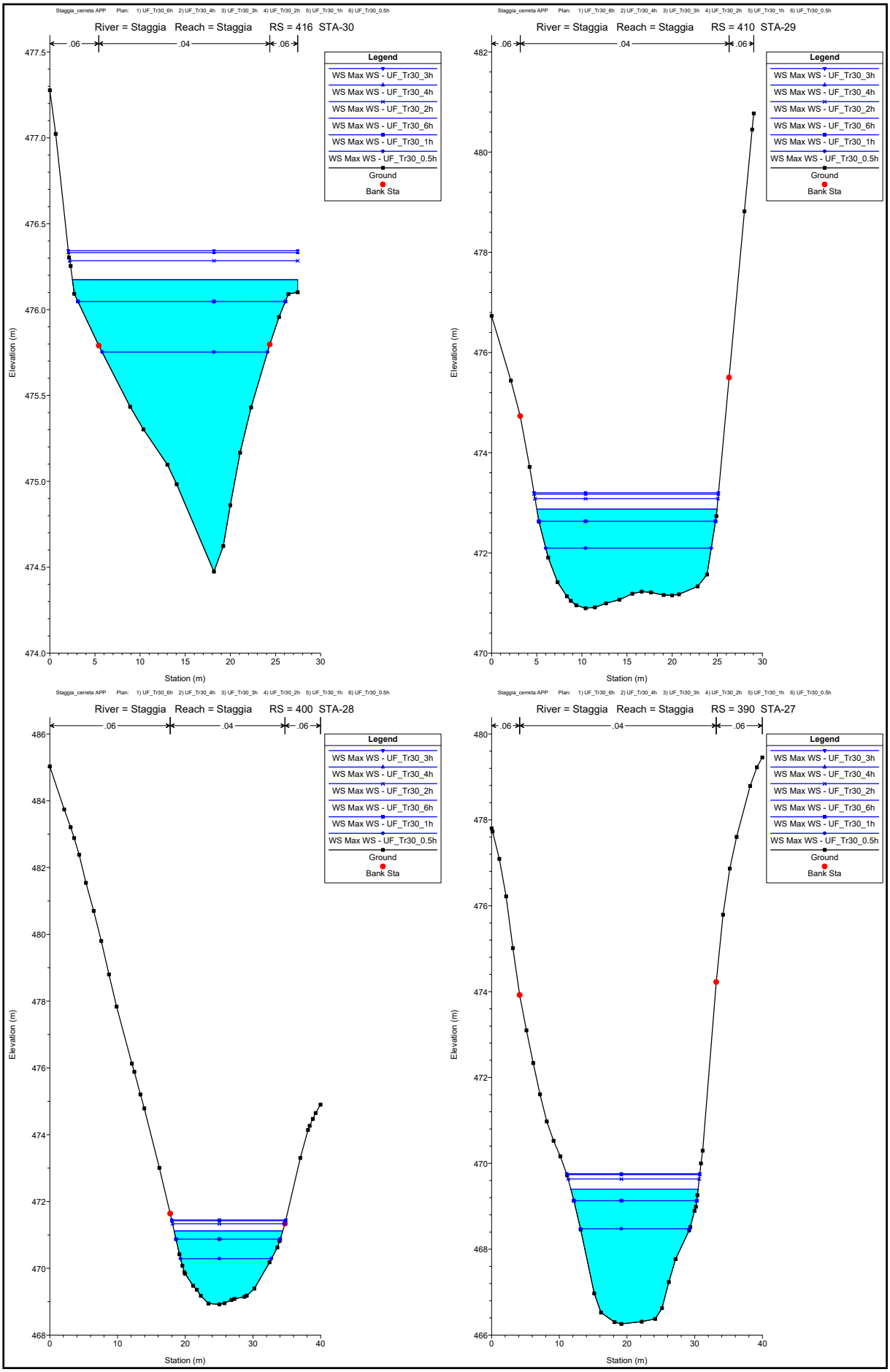

Staggia_cerreta APP Plan: 1) UF_Tr30_6h 2) UF_Tr30_4h 3) UF_Tr30_3h 4) UF_Tr30_2h 5) UF_Tr30_1h 6) UF_Tr30_0.5h
River = Staggia Reach = Staggia RS = 510 STA-48
.06 .04 .06
Legend
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_4h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_6h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_0.5h
Ground
Bank Sta
Elevation (m)
Station (m)
River = Staggia Reach = Staggia RS = 508 STA-47
River = Staggia Reach = Staggia RS = 507 IS
River = Staggia Reach = Staggia RS = 506 STA-46

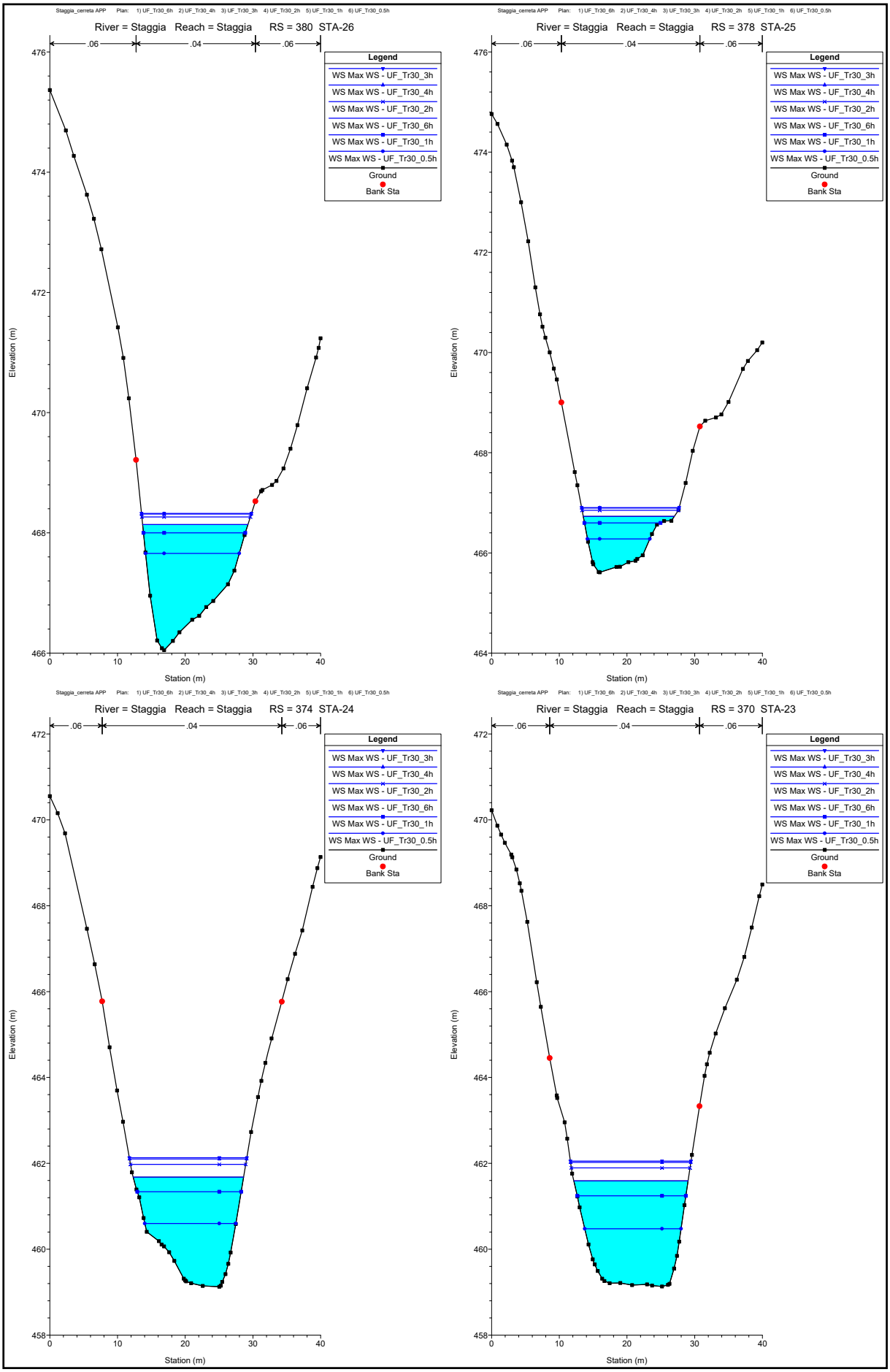

Staggia_cerreta APP Plan: 1) UF_Tr30_6h 2) UF_Tr30_4h 3) UF_Tr30_3h 4) UF_Tr30_2h 5) UF_Tr30_1h 6) UF_Tr30_0.5h
River = Staggia Reach = Staggia RS = 500 STA-45
.06 .04 .06
Legend
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_4h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_6h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_0.5h
Ground
Bank Sta
Elevation (m)
Station (m)
Staggia_cerreta APP Plan: 1) UF_Tr30_6h 2) UF_Tr30_4h 3) UF_Tr30_3h 4) UF_Tr30_2h 5) UF_Tr30_1h 6) UF_Tr30_0.5h
River = Staggia Reach = Staggia RS = 490 STA-44
.06 .04 .06
Legend
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_4h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_6h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_0.5h
Ground
Bank Sta
Elevation (m)
Station (m)
Staggia_cerreta APP Plan: 1) UF_Tr30_6h 2) UF_Tr30_4h 3) UF_Tr30_3h 4) UF_Tr30_2h 5) UF_Tr30_1h 6) UF_Tr30_0.5h
River = Staggia Reach = Staggia RS = 480 STA-43
.06 .04 .06
Legend
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_4h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_6h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_0.5h
Ground
Bank Sta
Elevation (m)
Station (m)
Staggia_cerreta APP Plan: 1) UF_Tr30_6h 2) UF_Tr30_4h 3) UF_Tr30_3h 4) UF_Tr30_2h 5) UF_Tr30_1h 6) UF_Tr30_0.5h
River = Staggia Reach = Staggia RS = 475 STA-42
.06 .04 .06
Legend
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_4h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_6h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_0.5h
Ground
Bank Sta
Elevation (m)
Station (m)

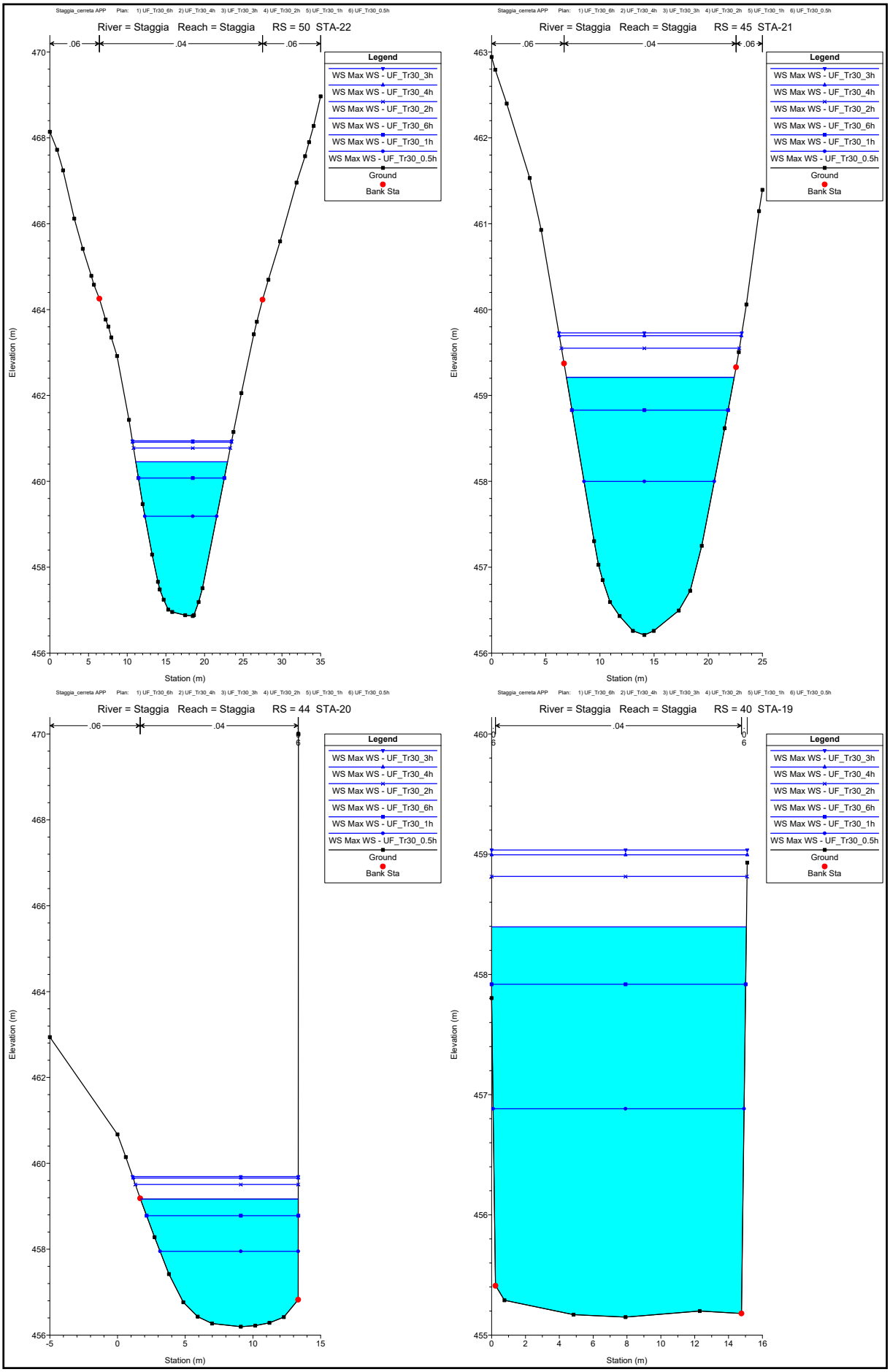

Staggia_cerreta APP Plan: 1) UF_Tr30_6h 2) UF_Tr30_4h 3) UF_Tr30_3h 4) UF_Tr30_2h 5) UF_Tr30_1h 6) UF_Tr30_0.5h
River = Staggia Reach = Staggia RS = 470 STA-41
.06 .04 .06
Legend
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_4h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_6h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_0.5h
Ground
Bank Sta
Elevation (m)
Station (m)
Staggia_cerreta APP Plan: 1) UF_Tr30_6h 2) UF_Tr30_4h 3) UF_Tr30_3h 4) UF_Tr30_2h 5) UF_Tr30_1h 6) UF_Tr30_0.5h
River = Staggia Reach = Staggia RS = 469 IS
.06 .04 .06
Legend
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_4h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_6h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_0.5h
Ground
Bank Sta
Elevation (m)
Station (m)
Staggia_cerreta APP Plan: 1) UF_Tr30_6h 2) UF_Tr30_4h 3) UF_Tr30_3h 4) UF_Tr30_2h 5) UF_Tr30_1h 6) UF_Tr30_0.5h
River = Staggia Reach = Staggia RS = 468 STA-40
.06 .04 .06
Legend
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_4h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_6h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_0.5h
Ground
Bank Sta
Elevation (m)
Station (m)
Staggia_cerreta APP Plan: 1) UF_Tr30_6h 2) UF_Tr30_4h 3) UF_Tr30_3h 4) UF_Tr30_2h 5) UF_Tr30_1h 6) UF_Tr30_0.5h
River = Staggia Reach = Staggia RS = 462 STA-39
.06 .04 .06
Legend
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_4h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_6h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_0.5h
Ground
Bank Sta
Elevation (m)
Station (m)

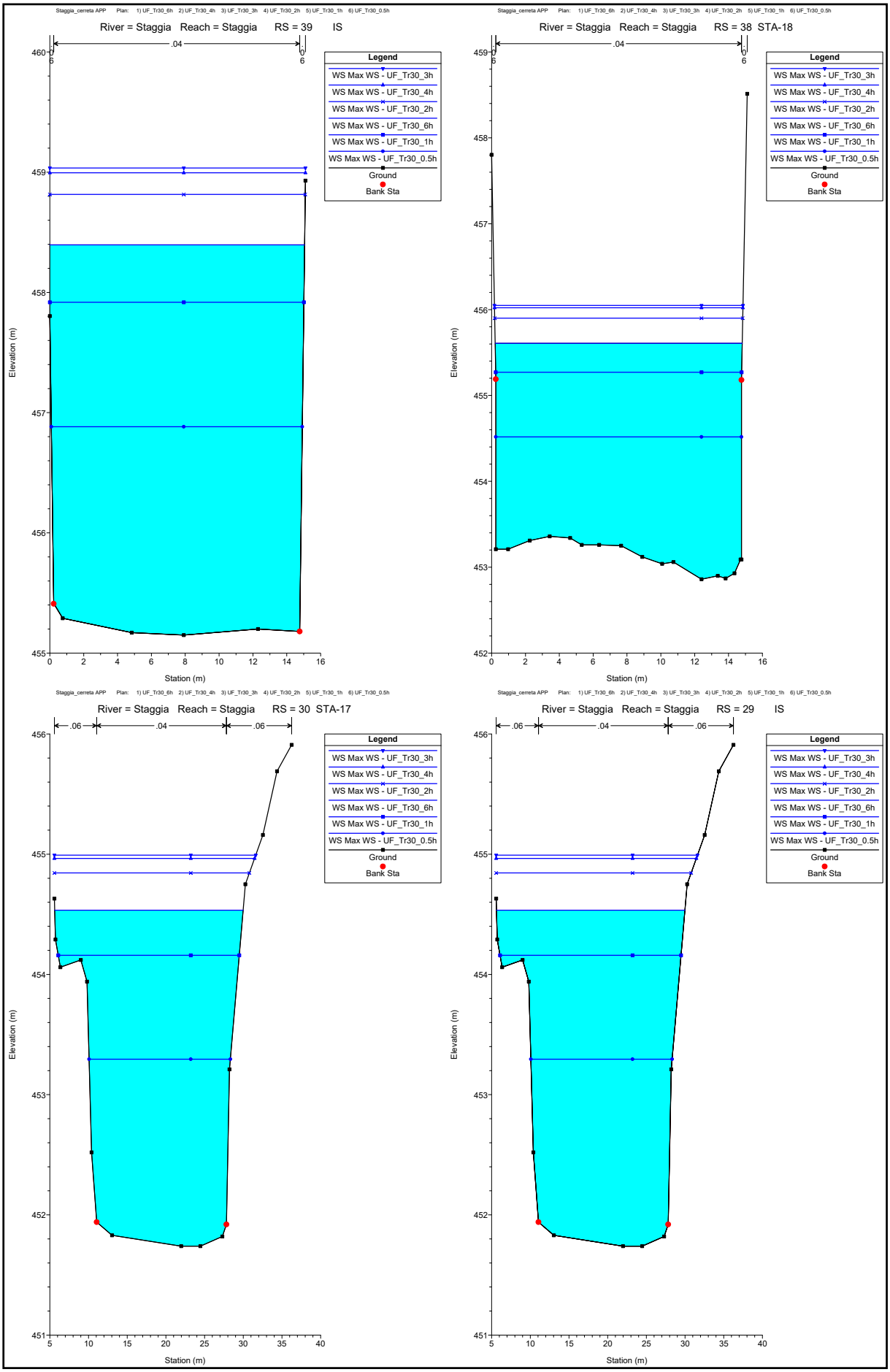

Staggia_cerreta APP Plan: 1) UF_Tr30_6h 2) UF_Tr30_4h 3) UF_Tr30_3h 4) UF_Tr30_2h 5) UF_Tr30_1h 6) UF_Tr30_0.5h
River = Staggia Reach = Staggia RS = 461 STA-38
River = Staggia Reach = Staggia RS = 460 STA-37
River = Staggia Reach = Staggia RS = 450 STA-36
River = Staggia Reach = Staggia RS = 447.5 STA-35
.06
.04
Legend
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_4h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_6h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_0.5h
Ground
Bank Sta
Elevation (m)
Station (m)

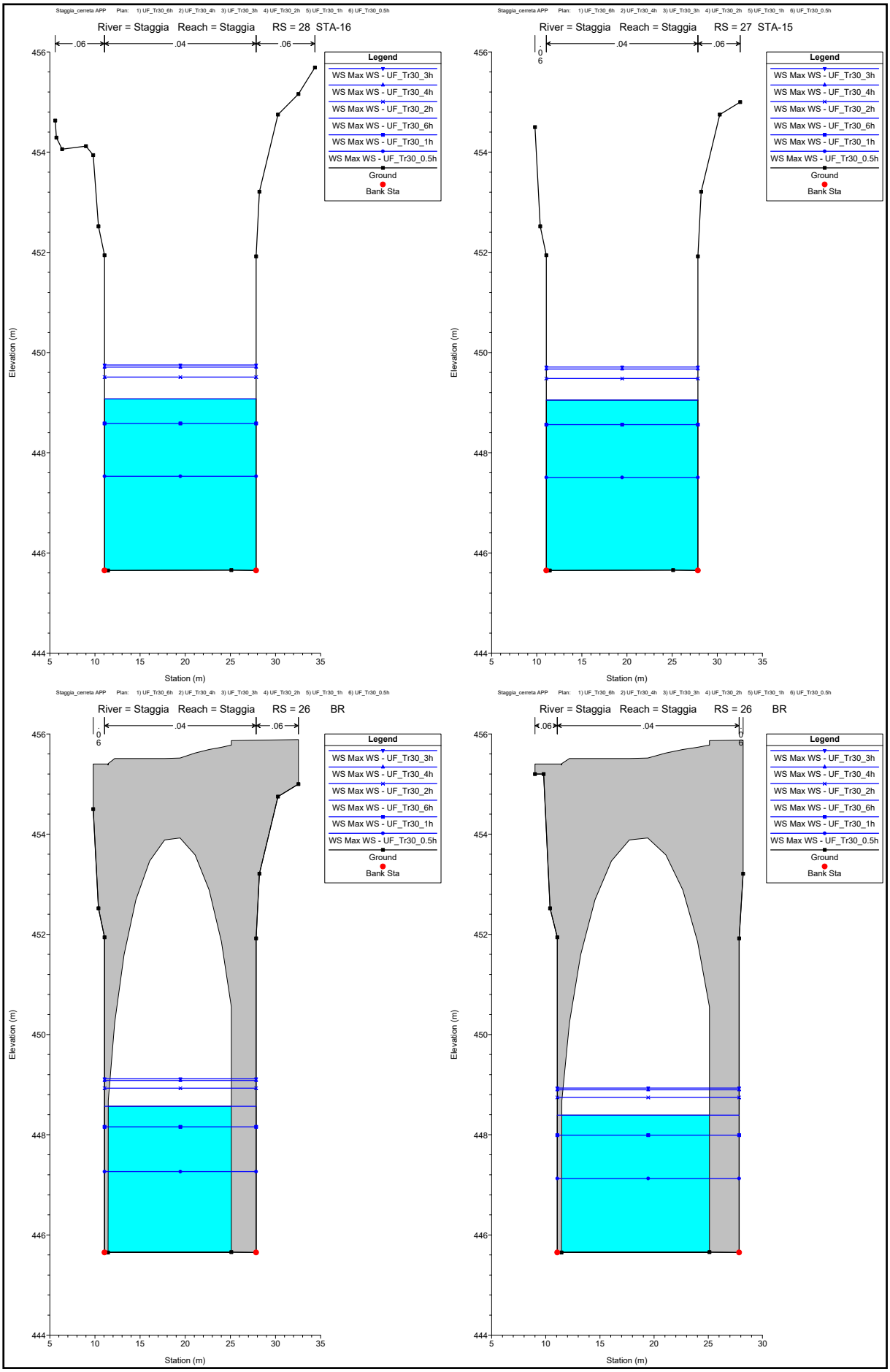

Staggia_cerreta APP Plan: 1) UF_Tr30_6h 2) UF_Tr30_4h 3) UF_Tr30_3h 4) UF_Tr30_2h 5) UF_Tr30_1h 6) UF_Tr30_0.5h
River = Staggia Reach = Staggia RS = 445 STA-34
.06
.04
Legend
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_4h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_6h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_0.5h
Ground
Bank Sta
Elevation (m)
Station (m)
Staggia_cerreta APP Plan: 1) UF_Tr30_6h 2) UF_Tr30_4h 3) UF_Tr30_3h 4) UF_Tr30_2h 5) UF_Tr30_1h 6) UF_Tr30_0.5h
River = Staggia Reach = Staggia RS = 440 STA-33
.06
.04
Legend
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_4h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_6h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_0.5h
Ground
Bank Sta
Elevation (m)
Station (m)
Staggia_cerreta APP Plan: 1) UF_Tr30_6h 2) UF_Tr30_4h 3) UF_Tr30_3h 4) UF_Tr30_2h 5) UF_Tr30_1h 6) UF_Tr30_0.5h
River = Staggia Reach = Staggia RS = 430 STA-32
.06
.04
Legend
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_4h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_6h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_0.5h
Ground
Bank Sta
Elevation (m)
Station (m)
Staggia_cerreta APP Plan: 1) UF_Tr30_6h 2) UF_Tr30_4h 3) UF_Tr30_3h 4) UF_Tr30_2h 5) UF_Tr30_1h 6) UF_Tr30_0.5h
River = Staggia Reach = Staggia RS = 420 STA-31
.06
.04
.06
Legend
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_4h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_6h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_0.5h
Ground
Bank Sta
Elevation (m)
Station (m)

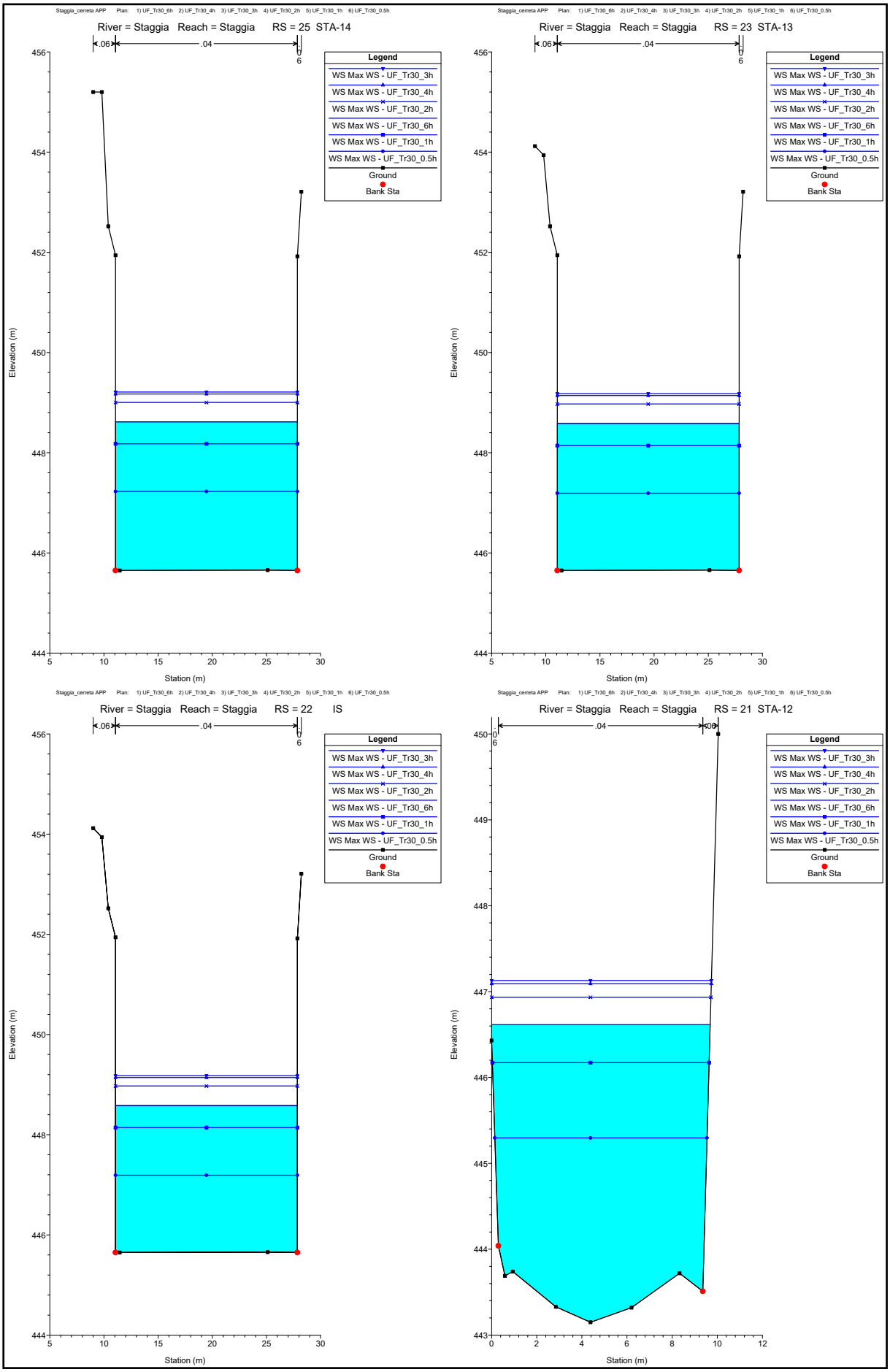

Staggia_cerreta APP Plan: 1) UF_Tr30_6h 2) UF_Tr30_4h 3) UF_Tr30_3h 4) UF_Tr30_2h 5) UF_Tr30_1h 6) UF_Tr30_0.5h
River = Staggia Reach = Staggia RS = 416 STA-30
.06
.04
.06
Legend
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_4h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_6h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_0.5h
Ground
Bank Sta
Elevation (m)
Station (m)
Staggia_cerreta APP Plan: 1) UF_Tr30_6h 2) UF_Tr30_4h 3) UF_Tr30_3h 4) UF_Tr30_2h 5) UF_Tr30_1h 6) UF_Tr30_0.5h
River = Staggia Reach = Staggia RS = 410 STA-29
.06
.04
.06
Legend
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_4h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_6h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_0.5h
Ground
Bank Sta
Elevation (m)
Station (m)
Staggia_cerreta APP Plan: 1) UF_Tr30_6h 2) UF_Tr30_4h 3) UF_Tr30_3h 4) UF_Tr30_2h 5) UF_Tr30_1h 6) UF_Tr30_0.5h
River = Staggia Reach = Staggia RS = 400 STA-28
.06
.04
.06
Legend
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_4h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_6h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_0.5h
Ground
Bank Sta
Elevation (m)
Station (m)
Staggia_cerreta APP Plan: 1) UF_Tr30_6h 2) UF_Tr30_4h 3) UF_Tr30_3h 4) UF_Tr30_2h 5) UF_Tr30_1h 6) UF_Tr30_0.5h
River = Staggia Reach = Staggia RS = 390 STA-27
.06
.04
.06
Legend
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_4h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_6h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_0.5h
Ground
Bank Sta
Elevation (m)
Station (m)


Staggia_cerreta APP Plan: 1) UF_Tr30_6h 2) UF_Tr30_4h 3) UF_Tr30_3h 4) UF_Tr30_2h 5) UF_Tr30_1h 6) UF_Tr30_0.5h
River = Staggia Reach = Staggia RS = 380 STA-26
River = Staggia Reach = Staggia RS = 378 STA-25
River = Staggia Reach = Staggia RS = 374 STA-24
River = Staggia Reach = Staggia RS = 370 STA-23
.06
.04
.06
Legend
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_4h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_6h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_0.5h
Ground
Bank Sta
Elevation (m)
Station (m)


Staggia_cerreta APP Plan: 1) UF_Tr30_6h 2) UF_Tr30_4h 3) UF_Tr30_3h 4) UF_Tr30_2h 5) UF_Tr30_1h 6) UF_Tr30_0.5h
River = Staggia Reach = Staggia RS = 50 STA-22
.06
.04
.06
Legend
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_4h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_6h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_0.5h
Ground
Bank Sta
Elevation (m)
Station (m)
Staggia_cerreta APP Plan: 1) UF_Tr30_6h 2) UF_Tr30_4h 3) UF_Tr30_3h 4) UF_Tr30_2h 5) UF_Tr30_1h 6) UF_Tr30_0.5h
River = Staggia Reach = Staggia RS = 45 STA-21
.06
.04
.06
Legend
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_4h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_6h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_0.5h
Ground
Bank Sta
Elevation (m)
Station (m)
Staggia_cerreta APP Plan: 1) UF_Tr30_6h 2) UF_Tr30_4h 3) UF_Tr30_3h 4) UF_Tr30_2h 5) UF_Tr30_1h 6) UF_Tr30_0.5h
River = Staggia Reach = Staggia RS = 44 STA-20
.06
.04
Legend
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_4h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_6h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_0.5h
Ground
Bank Sta
Elevation (m)
Station (m)
Staggia_cerreta APP Plan: 1) UF_Tr30_6h 2) UF_Tr30_4h 3) UF_Tr30_3h 4) UF_Tr30_2h 5) UF_Tr30_1h 6) UF_Tr30_0.5h
River = Staggia Reach = Staggia RS = 40 STA-19
.04
Legend
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_4h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_6h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_0.5h
Ground
Bank Sta
Elevation (m)
Station (m)


Staggia_cerreta APP Plan: 1) UF_Tr30_6h 2) UF_Tr30_4h 3) UF_Tr30_3h 4) UF_Tr30_2h 5) UF_Tr30_1h 6) UF_Tr30_0.5h
River = Staggia Reach = Staggia RS = 39 IS
.04
Legend
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_4h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_6h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_0.5h
Ground
Bank Sta
Elevation (m)
Station (m)
Staggia_cerreta APP Plan: 1) UF_Tr30_6h 2) UF_Tr30_4h 3) UF_Tr30_3h 4) UF_Tr30_2h 5) UF_Tr30_1h 6) UF_Tr30_0.5h
River = Staggia Reach = Staggia RS = 38 STA-18
.04
Legend
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_4h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_6h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_0.5h
Ground
Bank Sta
Elevation (m)
Station (m)
Staggia_cerreta APP Plan: 1) UF_Tr30_6h 2) UF_Tr30_4h 3) UF_Tr30_3h 4) UF_Tr30_2h 5) UF_Tr30_1h 6) UF_Tr30_0.5h
River = Staggia Reach = Staggia RS = 30 STA-17
.06
.04
.06
Legend
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_4h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_6h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_0.5h
Ground
Bank Sta
Elevation (m)
Station (m)
Staggia_cerreta APP Plan: 1) UF_Tr30_6h 2) UF_Tr30_4h 3) UF_Tr30_3h 4) UF_Tr30_2h 5) UF_Tr30_1h 6) UF_Tr30_0.5h
River = Staggia Reach = Staggia RS = 29 IS
.06
.04
.06
Legend
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_4h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_6h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_0.5h
Ground
Bank Sta
Elevation (m)
Station (m)


Staggia_cerreta APP Plan: 1) UF_Tr30_6h 2) UF_Tr30_4h 3) UF_Tr30_3h 4) UF_Tr30_2h 5) UF_Tr30_1h 6) UF_Tr30_0.5h
River = Staggia Reach = Staggia RS = 28 STA-16
.06
.04
.06
Legend
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_4h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_6h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_0.5h
Ground
Bank Sta
Elevation (m)
Station (m)
Staggia_cerreta APP Plan: 1) UF_Tr30_6h 2) UF_Tr30_4h 3) UF_Tr30_3h 4) UF_Tr30_2h 5) UF_Tr30_1h 6) UF_Tr30_0.5h
River = Staggia Reach = Staggia RS = 27 STA-15
.04
.06
Legend
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_4h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_6h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_0.5h
Ground
Bank Sta
Elevation (m)
Station (m)
Staggia_cerreta APP Plan: 1) UF_Tr30_6h 2) UF_Tr30_4h 3) UF_Tr30_3h 4) UF_Tr30_2h 5) UF_Tr30_1h 6) UF_Tr30_0.5h
River = Staggia Reach = Staggia RS = 26 BR
.04
.06
Legend
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_4h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_6h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_0.5h
Ground
Bank Sta
Elevation (m)
Station (m)
Staggia_cerreta APP Plan: 1) UF_Tr30_6h 2) UF_Tr30_4h 3) UF_Tr30_3h 4) UF_Tr30_2h 5) UF_Tr30_1h 6) UF_Tr30_0.5h
River = Staggia Reach = Staggia RS = 26 BR
.06
.04
Legend
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_4h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_6h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_0.5h
Ground
Bank Sta
Elevation (m)
Station (m)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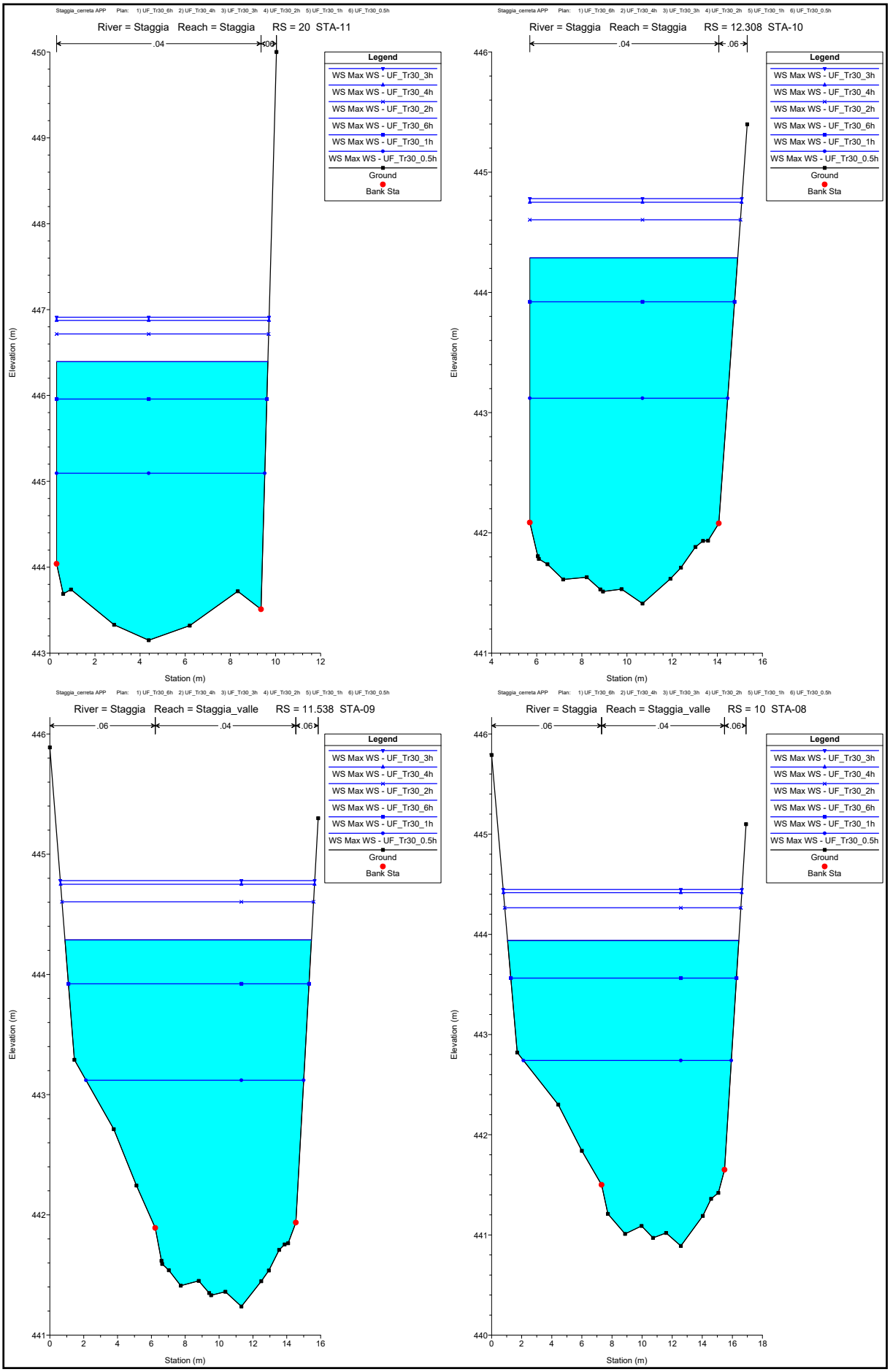
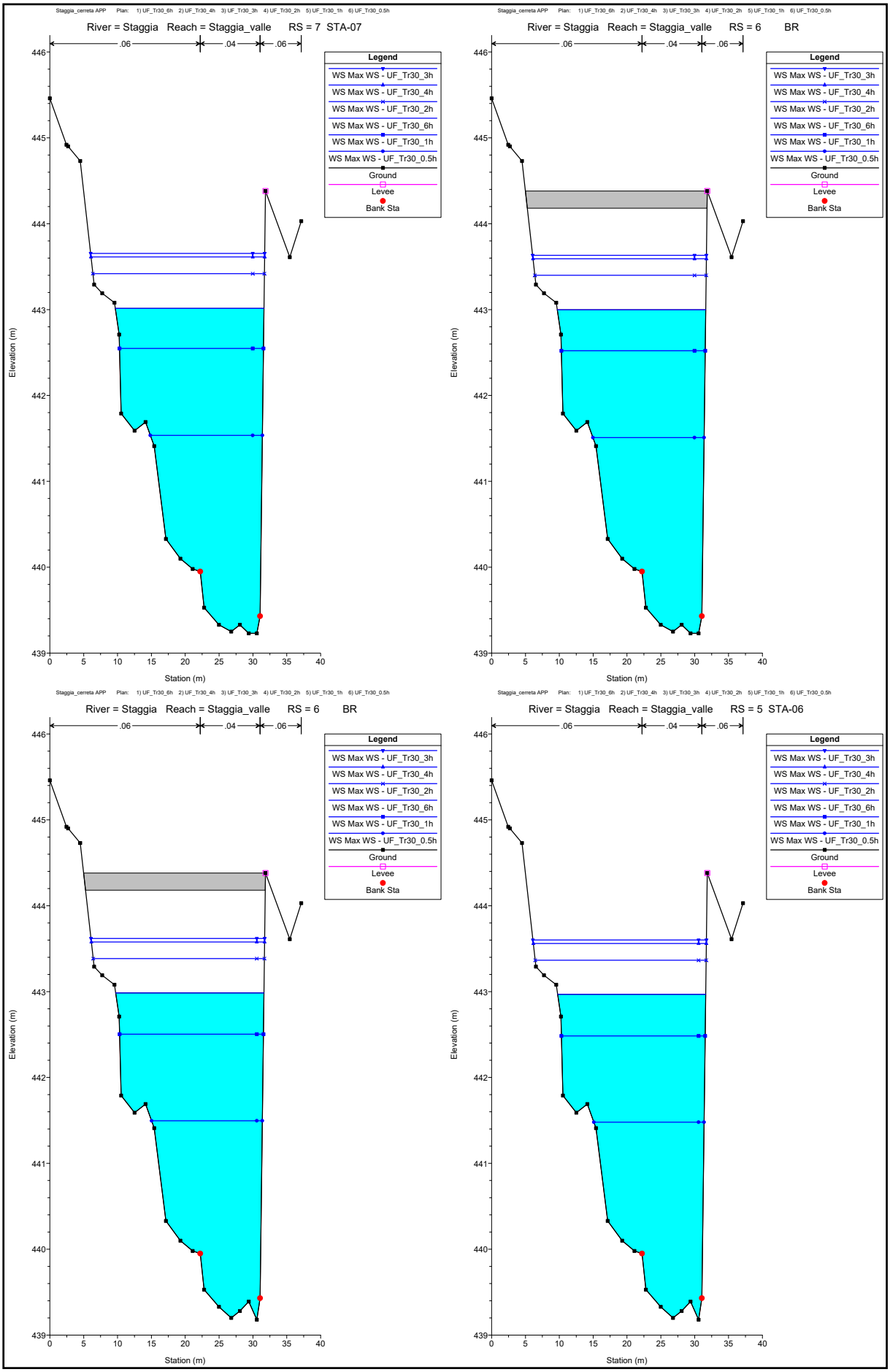
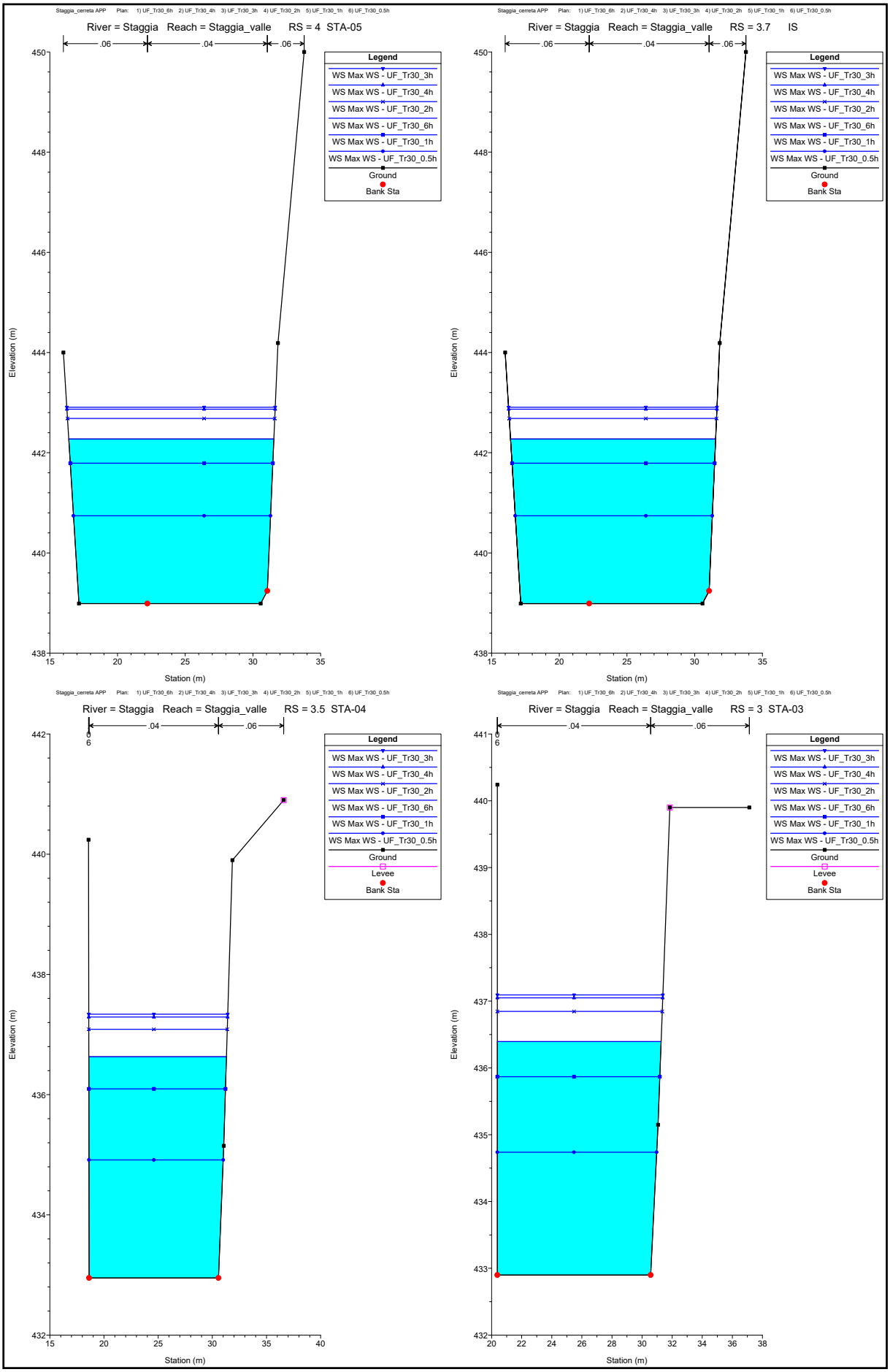
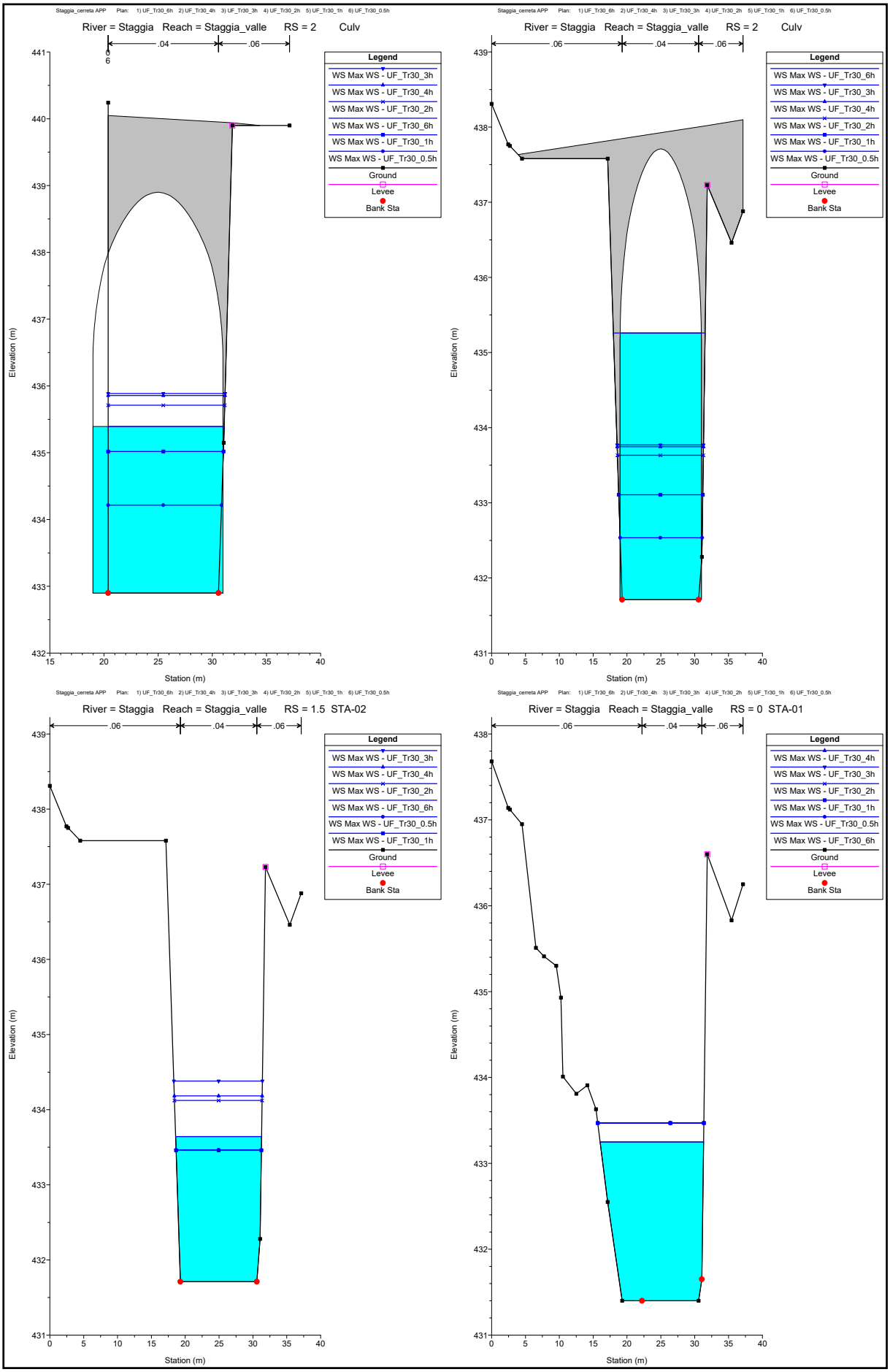
River = Staggia Reach = Staggia RS = 25 STA-14
.06
.04
0
6
Legend
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_4h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_6h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_0.5h
Ground
Bank Sta
Elevation (m)
Station (m)
Staggia_cerreta APP Plan: 1) UF_Tr30_6h 2) UF_Tr30_4h 3) UF_Tr30_3h 4) UF_Tr30_2h 5) UF_Tr30_1h 6) UF_Tr30_0.5h
River = Staggia Reach = Staggia RS = 23 STA-13
.06
.04
0
6
Legend
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_4h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_6h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_0.5h
Ground
Bank Sta
Elevation (m)
Station (m)
Staggia_cerreta APP Plan: 1) UF_Tr30_6h 2) UF_Tr30_4h 3) UF_Tr30_3h 4) UF_Tr30_2h 5) UF_Tr30_1h 6) UF_Tr30_0.5h
River = Staggia Reach = Staggia RS = 22 IS
.06
.04
0
6
Legend
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_4h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_6h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_0.5h
Ground
Bank Sta
Elevation (m)
Station (m)
Staggia_cerreta APP Plan: 1) UF_Tr30_6h 2) UF_Tr30_4h 3) UF_Tr30_3h 4) UF_Tr30_2h 5) UF_Tr30_1h 6) UF_Tr30_0.5h
River = Staggia Reach = Staggia RS = 21 STA-12
.04
.00
0
6
Legend
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_4h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_6h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_0.5h
Ground
Bank Sta
Elevation (m)
Station (m)


Staggia_cerreta APP Plan: 1) UF_Tr30_6h 2) UF_Tr30_4h 3) UF_Tr30_3h 4) UF_Tr30_2h 5) UF_Tr30_1h 6) UF_Tr30_0.5h
River = Staggia Reach = Staggia RS = 20 STA-11
.04
.06
Legend
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_4h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_6h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_0.5h
Ground
Bank Sta
Elevation (m)
Station (m)
Staggia_cerreta APP Plan: 1) UF_Tr30_6h 2) UF_Tr30_4h 3) UF_Tr30_3h 4) UF_Tr30_2h 5) UF_Tr30_1h 6) UF_Tr30_0.5h
River = Staggia Reach = Staggia RS = 12.308 STA-10
.04
.06
Legend
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_4h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_6h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_0.5h
Ground
Bank Sta
Elevation (m)
Station (m)
Staggia_cerreta APP Plan: 1) UF_Tr30_6h 2) UF_Tr30_4h 3) UF_Tr30_3h 4) UF_Tr30_2h 5) UF_Tr30_1h 6) UF_Tr30_0.5h
River = Staggia Reach = Staggia_valle RS = 11.538 STA-09
.06
.04
.06
Legend
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_4h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_6h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_0.5h
Ground
Bank Sta
Elevation (m)
Station (m)
Staggia_cerreta APP Plan: 1) UF_Tr30_6h 2) UF_Tr30_4h 3) UF_Tr30_3h 4) UF_Tr30_2h 5) UF_Tr30_1h 6) UF_Tr30_0.5h
River = Staggia Reach = Staggia_valle RS = 10 STA-08
.06
.04
.06
Legend
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_4h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_6h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_0.5h
Ground
Bank Sta
Elevation (m)
Station (m)


Staggia_cerreta APP Plan: 1) UF_Tr30_6h 2) UF_Tr30_4h 3) UF_Tr30_3h 4) UF_Tr30_2h 5) UF_Tr30_1h 6) UF_Tr30_0.5h
River = Staggia Reach = Staggia_valle RS = 7 STA-07
River = Staggia Reach = Staggia_valle RS = 6 BR
River = Staggia Reach = Staggia_valle RS = 6 BR
River = Staggia Reach = Staggia_valle RS = 5 STA-06
.06
.04
.06
Legend
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_4h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_6h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_0.5h
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
439
440
441
442
443
444
445
446
0
5
10
15
20
25
30
35
40


Staggia_cerreta APP Plan: 1) UF_Tr30_6h 2) UF_Tr30_4h 3) UF_Tr30_3h 4) UF_Tr30_2h 5) UF_Tr30_1h 6) UF_Tr30_0.5h
River = Staggia Reach = Staggia_valle RS = 4 STA-05
.06
.04
.06
Legend
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_4h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_6h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_0.5h
Ground
Bank Sta
Elevation (m)
Station (m)
River = Staggia Reach = Staggia_valle RS = 3.7 IS
River = Staggia Reach = Staggia_valle RS = 3.5 STA-04
Levee
River = Staggia Reach = Staggia_valle RS = 3 STA-03


Staggia_cerreta APP Plan: 1) UF_Tr30_6h 2) UF_Tr30_4h 3) UF_Tr30_3h 4) UF_Tr30_2h 5) UF_Tr30_1h 6) UF_Tr30_0.5h
River = Staggia Reach = Staggia_valle RS = 2 Culv
.04
.06
Legend
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_4h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_6h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_0.5h
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Staggia_cerreta APP Plan: 1) UF_Tr30_6h 2) UF_Tr30_4h 3) UF_Tr30_3h 4) UF_Tr30_2h 5) UF_Tr30_1h 6) UF_Tr30_0.5h
River = Staggia Reach = Staggia_valle RS = 2 Culv
.06
.04
.06
Legend
WS Max WS - UF_Tr30_6h
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_4h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_0.5h
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Staggia_cerreta APP Plan: 1) UF_Tr30_6h 2) UF_Tr30_4h 3) UF_Tr30_3h 4) UF_Tr30_2h 5) UF_Tr30_1h 6) UF_Tr30_0.5h
River = Staggia Reach = Staggia_valle RS = 1.5 STA-02
.06
.04
.06
Legend
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_4h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_6h
WS Max WS - UF_Tr30_0.5h
WS Max WS - UF_Tr30_1h
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Staggia_cerreta APP Plan: 1) UF_Tr30_6h 2) UF_Tr30_4h 3) UF_Tr30_3h 4) UF_Tr30_2h 5) UF_Tr30_1h 6) UF_Tr30_0.5h
River = Staggia Reach = Staggia_valle RS = 0 STA-01
.06
.04
.06
Legend
WS Max WS - UF_Tr30_4h
WS Max WS - UF_Tr30_3h
WS Max WS - UF_Tr30_2h
WS Max WS - UF_Tr30_1h
WS Max WS - UF_Tr30_0.5h
WS Max WS - UF_Tr30_6h
Ground
Levee
Bank Sta
Elevation (m)
Station (m)

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "STAGGIA_CERRETA_APP"

STAGGIA

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 0.5, 1, 2, 3, 4 e 6 h

Dati idraulici

HEC-RAS Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Staggia	510	Max WS	UF_Tr30_6h	135.58	496.85	499.08	499.09	499.90	0.010344	4.16	1.07	1.28	38.07	25.56	0.91
Staggia	510	Max WS	UF_Tr30_4h	170.08	496.85	499.32	499.37	500.29	0.010821	4.57	1.20	1.58	44.25	25.73	0.95
Staggia	510	Max WS	UF_Tr30_3h	177.96	496.85	499.38	499.43	500.38	0.010697	4.63	1.22	1.64	45.92	25.77	0.95
Staggia	510	Max WS	UF_Tr30_2h	161.58	496.85	499.26	499.30	500.20	0.010751	4.48	1.17	1.51	42.73	25.68	0.94
Staggia	510	Max WS	UF_Tr30_1h	104.80	496.85	498.82	498.73	499.50	0.009849	3.73	0.94	1.12	31.73	23.04	0.87
Staggia	510	Max WS	UF_Tr30_0.5h	47.35	496.85	498.16		498.53	0.009202	2.70	0.59	0.67	18.38	18.07	0.78
Staggia	509.9			Lat Struct											
Staggia	508	Max WS	UF_Tr30_6h	117.98	496.48	498.88	498.31	499.25	0.004462	2.77	1.03	1.10	47.15	24.64	0.60
Staggia	508	Max WS	UF_Tr30_4h	139.14	496.48	499.12	498.47	499.53	0.004313	2.93	1.10	1.16	53.12	24.96	0.60
Staggia	508	Max WS	UF_Tr30_3h	147.69	496.48	499.19	498.54	499.62	0.004440	3.02	1.14	1.20	54.71	25.04	0.61
Staggia	508	Max WS	UF_Tr30_2h	133.49	496.48	499.06	498.43	499.46	0.004336	2.89	1.08	1.14	51.60	24.88	0.60
Staggia	508	Max WS	UF_Tr30_1h	95.84	496.48	498.62	498.11	498.94	0.004592	2.58	0.95	1.01	40.77	24.26	0.60
Staggia	508	Max WS	UF_Tr30_0.5h	46.69	496.48	497.95	497.59	498.15	0.004991	2.01	0.69	0.64	24.75	23.25	0.58
Staggia	507			Inl Struct											
Staggia	506	Max WS	UF_Tr30_6h	118.10	491.53	493.99	494.02	494.87	0.015403	4.17			28.29	17.08	1.04
Staggia	506	Max WS	UF_Tr30_4h	139.14	491.53	494.21	494.25	495.16	0.014868	4.32			32.24	17.98	1.03
Staggia	506	Max WS	UF_Tr30_3h	147.69	491.53	494.27	494.33	495.27	0.015276	4.43			33.34	18.24	1.05
Staggia	506	Max WS	UF_Tr30_2h	133.49	491.53	494.16	494.19	495.09	0.014921	4.27			31.25	17.75	1.03
Staggia	506	Max WS	UF_Tr30_1h	95.84	491.53	493.73	493.77	494.54	0.015908	3.98			24.09	16.07	1.04
Staggia	506	Max WS	UF_Tr30_0.5h	46.70	491.53	493.05	493.08	493.62	0.017907	3.33			14.03	13.59	1.05
Staggia	500	Max WS	UF_Tr30_6h	131.41	490.61	493.32	493.77	495.06	0.029753	5.84	0.12	0.25	22.52	13.04	1.41
Staggia	500	Max WS	UF_Tr30_4h	159.14	490.61	493.55	494.09	495.53	0.028553	6.22	0.63	0.67	25.67	13.66	1.41
Staggia	500	Max WS	UF_Tr30_3h	167.28	490.61	493.60	494.18	495.68	0.029003	6.38	0.72	0.74	26.36	13.79	1.43
Staggia	500	Max WS	UF_Tr30_2h	152.21	490.61	493.50	494.01	495.41	0.028789	6.13	0.54	0.58	24.90	13.51	1.41
Staggia	500	Max WS	UF_Tr30_1h	103.90	490.61	493.06	493.45	494.54	0.029325	5.39			19.28	12.42	1.38
Staggia	500	Max WS	UF_Tr30_0.5h	47.42	490.61	492.38	492.60	493.27	0.028039	4.17			11.38	10.72	1.29
Staggia	490	Max WS	UF_Tr30_6h	133.15	488.85	491.45	491.57	492.49	0.012549	4.78	1.51	1.67	34.55	21.97	1.01
Staggia	490	Max WS	UF_Tr30_4h	164.45	488.85	491.70	491.86	492.89	0.012687	5.16	1.66	1.94	40.26	22.53	1.03
Staggia	490	Max WS	UF_Tr30_3h	171.30	488.85	491.76	491.92	492.97	0.012745	5.24	1.69	2.00	41.42	22.65	1.04
Staggia	490	Max WS	UF_Tr30_2h	156.56	488.85	491.64	491.80	492.79	0.012630	5.07	1.63	1.88	38.88	22.38	1.03
Staggia	490	Max WS	UF_Tr30_1h	104.15	488.85	491.18	491.30	492.08	0.012490	4.39	1.35	1.35	28.70	21.43	0.98
Staggia	490	Max WS	UF_Tr30_0.5h	47.31	488.85	490.48	490.43	491.03	0.012300	3.29	0.85	0.74	15.17	14.13	0.91
Staggia	489.9			Lat Struct											
Staggia	480	Max WS	UF_Tr30_6h	118.76	487.88	490.23	490.38	491.18	0.014983	5.05	2.15	1.87	34.56	24.54	1.09
Staggia	480	Max WS	UF_Tr30_4h	142.78	487.88	490.49	490.60	491.46	0.013618	5.19	2.30	1.94	41.00	25.57	1.06
Staggia	480	Max WS	UF_Tr30_3h	147.89	487.88	490.54	490.64	491.52	0.013382	5.22	2.32	1.96	42.36	25.81	1.06
Staggia	480	Max WS	UF_Tr30_2h	136.36	487.88	490.43	490.54	491.39	0.013662	5.12	2.25	1.92	39.58	25.31	1.06
Staggia	480	Max WS	UF_Tr30_1h	95.44	487.88	489.99	490.17	490.89	0.016030	4.83	1.94	1.69	28.69	23.88	1.11
Staggia	480	Max WS	UF_Tr30_0.5h	46.54	487.88	489.46	489.61	490.10	0.015357	3.83	1.17	1.07	16.54	22.09	1.03
Staggia	475	Max WS	UF_Tr30_6h	119.16	487.41	489.85		490.25	0.007758	3.34	1.70	1.71	48.95	31.43	0.77
Staggia	475	Max WS	UF_Tr30_4h	145.57	487.41	490.11		490.59	0.007850	3.66	1.88	1.41	58.23	39.37	0.80
Staggia	475	Max WS	UF_Tr30_3h	153.13	487.41	490.17		490.66	0.007825	3.72	1.91	1.45	60.43	39.55	0.80
Staggia	475	Max WS	UF_Tr30_2h	139.22	487.41	490.05		490.53	0.008067	3.64	1.87	1.38	55.86	39.17	0.80
Staggia	475	Max WS	UF_Tr30_1h	93.26	487.41	489.57		489.94	0.008498	3.15	1.57	1.59	40.42	30.91	0.79
Staggia	475	Max WS	UF_Tr30_0.5h	44.39	487.41	488.97		489.26	0.011722	2.71	1.17	1.22	22.12	30.04	0.86
Staggia	470	Max WS	UF_Tr30_6h	135.58	487.20	489.51	489.16	489.90	0.006349	3.33	1.43	1.66	58.33	36.56	0.72
Staggia	470	Max WS	UF_Tr30_4h	169.90	487.20	489.79	489.39	490.23	0.006208	3.57	1.57	1.81	68.63	37.62	0.73
Staggia	470	Max WS	UF_Tr30_3h	177.47	487.20	489.85	489.43	490.30	0.006182	3.62	1.59	1.84	70.81	37.84	0.73
Staggia	470	Max WS	UF_Tr30_2h	160.97	487.20	489.72	489.33	490.15	0.006245	3.51	1.53	1.78	66.00	37.35	0.73
Staggia	470	Max WS	UF_Tr30_1h	104.43	487.20	489.23	488.94	489.57	0.006526	3.08	1.27	1.50	48.27	35.45	0.71
Staggia	470	Max WS	UF_Tr30_0.5h	47.16	487.20	488.60	488.44	488.83	0.006929	2.42	0.97	1.02	26.92	31.67	0.69
Staggia	469			Inl Struct											
Staggia	468	Max WS	UF_Tr30_6h	135.59	482.43	484.75	484.84	485.77	0.016403	4.47			30.31	17.00	1.07
Staggia	468	Max WS	UF_Tr30_4h	169.91	482.43	485.04	485.15	486.22	0.016248	4.80			35.38	17.50	1.08
Staggia	468	Max WS	UF_Tr30_3h	177.47	482.43	485.10	485.22	486.31	0.016240	4.87			36.44	17.60	1.08
Staggia	468	Max WS	UF_Tr30_2h	160.97	482.43	484.97	485.07	486.11	0.016278	4.72			34.09	17.37	1.08
Staggia	468	Max WS	UF_Tr30_1h	104.45	482.43	484.45	484.52	485.32	0.016766	4.13			25.30	16.49	1.06
Staggia	468	Max WS	UF_Tr30_0.5h	47.16	482.43	483.74	483.81	484.31	0.020044	3.34			14.11	14.88	1.10
Staggia	462	Max WS	UF_Tr30_6h	135.58	481.09	483.81	484.08	485.09	0.017570	5.03	0.69	0.75	27.88	18.97	1.13
Staggia	462	Max WS	UF_Tr30_4h	169.89	481.09	484.07	484.44	485.58	0.017794	5.49	1.16	1.00	33.19	20.85	1.16
Staggia	462	Max WS	UF_Tr30_3h	177.47	481.09	484.13	484.50	485.68	0.017782	5.58	1.25	1.04	34.37	21.11	1.16
Staggia	462	Max WS	UF_Tr30_2h	160.97	481.09	484.01	484.35	485.46	0.017788	5.38	1.04	0.95	31.80	20.54	1.15
Staggia	462	Max WS	UF_Tr30_1h	104.43	481.09	483.54	483.65	484.56	0.016786	4.47	0.53	0.42	23.48	14.60	1.08
Staggia	462	Max WS	UF_Tr30_0.5h	47.15	481.09	482.75	482.77	483.38	0.016928	3.51			13.42	11.17	1.02
Staggia	461	Max WS	UF_Tr30_6h	135.58	481.04	483.77	484.06	485.07	0.022751	5.05		0.17	26.86	16.85	1.28
Staggia	461	Max WS	UF_Tr30_4h	169.89	481.04	484.03	484.38	485.53	0.022342	5.41		0.17	31.42	17.50	1.29
Staggia	461	Max WS	UF_Tr30_3h	177.47	481.04	484.09	484.45	485.62	0.022188	5.48		0.17	32.41	17.61	1.29
Staggia	461	Max WS	UF_Tr30_2h	160.97	481.04	483.97	484.30	485.41	0.022498	5.33		0.17	30.26	17.37	1.29
Staggia	461	Max WS	UF_Tr30_1h	104.43	481.04	483.50	483.75	484.60	0.022641	4.64		0.16	22.53	16.01	1.25
Staggia	461	Max WS	UF_Tr30_0.5h	47.15	481.04	482.72	482.77	483.43	0.017252	3.74		0.11	12.64	10.09	1.07
Staggia	460	Max WS	UF_Tr30_6h	135.58	481.00	483.57	483.84	484.81	0.026661	4.93			27.48	17.64	1.26
Staggia	460	Max WS	UF_Tr30_4h	169.89	481.00	483.84	484.14	485.25	0.025479	5.26			32.31	17.96	1.25
Staggia	460	Max WS	UF_Tr30_3h	177.47	481.00	483.90	484.20	485.34	0.025236	5.32			33.35	18.03	1.25
Staggia	460	Max WS	UF_Tr30_2h	160.97	481.00	483.77	484.06	485.14	0.025747	5.18			31.08	17.88	1.25
Staggia	460	Max WS	UF_Tr30_1h	104.43	481.00	483.30	483.54	484.37	0.028307	4.59			22.77	17.34	1.28
Staggia	460	Max WS	UF_Tr30_0.5h	47.15	481.00	482.55	482.79	483.36	0.025038	4.00			11.78	9.81	1.17
Staggia	450	Max WS	UF_Tr30_6h	135.58	479.29	481.80	482.27	483.51	0.027939	5.79			23.41	12.67	1.36
Staggia	450	Max WS	UF_Tr30_4h	169.89	479.29	482.09	482.66	484.09	0.029113	6.26			27.14	13.36	1.40
Staggia	450	Max WS	UF_Tr30_3h	177.46	479.29	482.14	482.74	484.21	0.029496	6.36			27.88	13.50	1.41
Staggia	450	Max WS	UF_Tr30_2h	160.97	479.29	482.01	482.56	483.94	0.028887	6.15			26.17	13.18	1.39
Staggia	450	Max WS	UF_Tr30_1h	104.41	479.29	481.51	481.87	482.93	0.026603	5.28			19.78	11.99	1.31
Staggia	450	Max WS	UF_Tr30_0.5h	47.15	479.29	480.80	480.94	481.60	0.023311	3.97			11.86	10.28	1.18
Staggia	447.5	Max WS	UF_Tr30_6h	135.58	478.67	481.16	481.85	483.33	0.040331	6.52			20.79	12.72	1.63
Staggia	447.5	Max WS	UF_Tr30_4h	169.87	478.67	481.43	482.22	483.92	0.041546	7.00			24.28	13.59	1.67
Staggia	447.5	Max WS	UF_Tr30_3h	177.45	478.67	481.47	482.30	484.06	0.042339	7.13			24.90	13.75	1.69
Staggia	447.5	Max WS	UF_Tr30_2h	160.95	478.67	481.36	482.13	483.78	0.041421	6.89			23.35	13.35	1.66
Staggia	447.5	Max WS	UF_Tr30_1h	104.40	478.67	480.90	481.46	482.71	0.038737	5.96			17.51	11.98	1.57
Staggia	447.5	Max WS	UF_Tr30_0.5h	47.15	478.67	480.24	480.55	481.31	0.036027	4.58			10.30	10.14	1.45
Staggia	447.4			Lat Struct											
Staggia	445	Max WS	UF_Tr30_6h	133.98	478.20	480.63	480.70	481.59	0.016012	4.34	0.58		30.96	18.53	1.05
Staggia	445	Max WS	UF_Tr30_4h	166.52	478.20	480.89	480.98	482.01	0.015886	4.70	0.85		35.73	19.07	1.07
Staggia	445	Max WS	UF_Tr30_3h	173.78	478.20	480.92	481.05	482.10	0.016350	4.82	0.90		36.40	19.14	1.08
Staggia	445	Max WS	UF_Tr30_2h	158.14	478.20	480.82	480.91	481.91	0.016034	4.62	0.79		34.44	18.93	1.07
Staggia	445	Max WS	UF_Tr30_1h	103.87	478.20	480.39	480.41	481.17	0.015882	3.93	0.21		26.42	18.00	1.03
Staggia	445	Max WS	UF_Tr30_0.5h	47.14	478.20	479.76	479.75	480.23	0.015851	3.02			15.62	16.18	0.98

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Staggia	440	Max WS	UF_Tr30_6h	146.56	477.67	479.96	480.20	481.12	0.021869	4.77			30.70	20.05	1.23
Staggia	440	Max WS	UF_Tr30_4h	190.33	477.67	480.23	480.55	481.63	0.023104	5.25	0.24		36.25	21.55	1.29
Staggia	440	Max WS	UF_Tr30_3h	193.47	477.67	480.24	480.57	481.67	0.023114	5.29	0.28	0.09	36.61	21.67	1.29
Staggia	440	Max WS	UF_Tr30_2h	176.89	477.67	480.15	480.45	481.48	0.022947	5.12			34.58	21.08	1.28
Staggia	440	Max WS	UF_Tr30_1h	114.87	477.67	479.72	479.92	480.71	0.021081	4.41			26.06	18.69	1.19
Staggia	440	Max WS	UF_Tr30_0.5h	55.88	477.67	479.12	479.21	479.76	0.020953	3.54			15.78	15.74	1.13
Staggia	430	Max WS	UF_Tr30_6h	137.90	476.07	478.37	478.52	479.48	0.015926	4.73	1.30	1.58	31.22	19.07	1.10
Staggia	430	Max WS	UF_Tr30_4h	174.30	476.07	478.61	478.84	479.97	0.016802	5.26	1.53	1.79	35.84	19.48	1.16
Staggia	430	Max WS	UF_Tr30_3h	176.95	476.07	478.63	478.87	480.01	0.016852	5.30	1.54	1.80	36.16	19.51	1.16
Staggia	430	Max WS	UF_Tr30_2h	163.36	476.07	478.54	478.75	479.83	0.016607	5.11	1.46	1.73	34.46	19.36	1.14
Staggia	430	Max WS	UF_Tr30_1h	110.49	476.07	478.17	478.26	479.08	0.015137	4.27	1.10	1.38	27.41	18.73	1.06
Staggia	430	Max WS	UF_Tr30_0.5h	55.72	476.07	477.67	477.63	478.17	0.012962	3.12	0.55	0.70	18.32	17.82	0.92
Staggia	420	Max WS	UF_Tr30_6h	112.80	475.31	477.01	477.36	478.32	0.025055	5.11	1.43	1.29	23.65	19.91	1.34
Staggia	420	Max WS	UF_Tr30_4h	136.96	475.31	477.16	477.60	478.71	0.026780	5.62	1.60	1.63	26.49	20.17	1.40
Staggia	420	Max WS	UF_Tr30_3h	138.75	475.31	477.17	477.62	478.74	0.026893	5.65	1.61	1.65	26.69	20.19	1.41
Staggia	420	Max WS	UF_Tr30_2h	129.29	475.31	477.11	477.52	478.59	0.026176	5.46	1.54	1.53	25.64	20.09	1.38
Staggia	420	Max WS	UF_Tr30_1h	94.87	475.31	476.90	477.18	478.00	0.023252	4.68	1.26	0.99	21.46	19.76	1.27
Staggia	420	Max WS	UF_Tr30_0.5h	55.35	475.31	476.65	476.68	477.23	0.015765	3.37	0.80	0.64	16.83	16.91	1.01
Staggia	416	Max WS	UF_Tr30_6h	118.78	474.47	476.17	476.73	478.06	0.060066	6.12	1.47	1.25	20.32	24.96	1.94
Staggia	416	Max WS	UF_Tr30_4h	148.92	474.47	476.33	476.96	478.46	0.056632	6.55	1.90	1.81	24.29	25.39	1.93
Staggia	416	Max WS	UF_Tr30_3h	151.11	474.47	476.34	476.97	478.49	0.056413	6.58	1.93	1.84	24.57	25.41	1.93
Staggia	416	Max WS	UF_Tr30_2h	139.49	474.47	476.28	476.88	478.34	0.057423	6.42	1.78	1.66	23.10	25.26	1.94
Staggia	416	Max WS	UF_Tr30_1h	97.35	474.47	476.05	476.55	477.74	0.063994	5.78	1.07	1.02	17.25	22.99	1.96
Staggia	416	Max WS	UF_Tr30_0.5h	55.34	474.47	475.75	476.14	477.00	0.077084	4.95			11.18	18.33	2.03
Staggia	410	Max WS	UF_Tr30_6h	147.62	470.90	472.87	473.08	474.00	0.020761	4.70			31.44	19.97	1.20
Staggia	410	Max WS	UF_Tr30_4h	190.72	470.90	473.17	473.42	474.49	0.020265	5.09			37.44	20.40	1.20
Staggia	410	Max WS	UF_Tr30_3h	196.36	470.90	473.20	473.46	474.56	0.020478	5.16			38.03	20.45	1.21
Staggia	410	Max WS	UF_Tr30_2h	177.49	470.90	473.08	473.32	474.35	0.020413	4.98			35.64	20.27	1.20
Staggia	410	Max WS	UF_Tr30_1h	114.84	470.90	472.63	472.80	473.58	0.021023	4.32			26.61	19.58	1.18
Staggia	410	Max WS	UF_Tr30_0.5h	55.75	470.90	472.09	472.18	472.68	0.022063	3.39			16.44	18.33	1.14
Staggia	400	Max WS	UF_Tr30_6h	146.63	468.92	471.12	471.61	472.85	0.032084	5.82			25.20	16.05	1.48
Staggia	400	Max WS	UF_Tr30_4h	190.36	468.92	471.43	471.99	473.45	0.031505	6.30		0.31	30.22	16.83	1.50
Staggia	400	Max WS	UF_Tr30_3h	193.79	468.92	471.45	472.02	473.50	0.031471	6.34		0.36	30.58	16.88	1.50
Staggia	400	Max WS	UF_Tr30_2h	176.89	468.92	471.34	471.87	473.27	0.031942	6.16			28.71	16.62	1.50
Staggia	400	Max WS	UF_Tr30_1h	114.83	468.92	470.87	471.29	472.36	0.032290	5.39			21.29	15.39	1.46
Staggia	400	Max WS	UF_Tr30_0.5h	55.75	468.92	470.29	470.55	471.25	0.033559	4.35			12.83	13.43	1.42
Staggia	390	Max WS	UF_Tr30_6h	146.57	466.26	469.40		470.02	0.007528	3.50			41.91	18.81	0.75
Staggia	390	Max WS	UF_Tr30_4h	190.33	466.26	469.74		470.53	0.008442	3.94			48.34	19.61	0.80
Staggia	390	Max WS	UF_Tr30_3h	193.51	466.26	469.76		470.56	0.008512	3.97			48.78	19.68	0.80
Staggia	390	Max WS	UF_Tr30_2h	176.85	466.26	469.64		470.38	0.008183	3.81			46.41	19.37	0.79
Staggia	390	Max WS	UF_Tr30_1h	114.83	466.26	469.13		469.62	0.006648	3.11			36.93	18.15	0.70
Staggia	390	Max WS	UF_Tr30_0.5h	55.74	466.26	468.48		468.72	0.004411	2.17			25.69	16.13	0.55
Staggia	380	Max WS	UF_Tr30_6h	146.56	466.05	468.14	468.95	470.75	0.061788	7.16			20.47	15.56	1.99
Staggia	380	Max WS	UF_Tr30_4h	190.32	466.05	468.31	469.35	471.73	0.072264	8.18			23.27	16.22	2.18
Staggia	380	Max WS	UF_Tr30_3h	193.43	466.05	468.32	469.37	471.80	0.073177	8.26			23.43	16.25	2.20
Staggia	380	Max WS	UF_Tr30_2h	176.85	466.05	468.26	469.23	471.42	0.068871	7.87			22.47	16.03	2.12
Staggia	380	Max WS	UF_Tr30_1h	114.82	466.05	468.00	468.62	469.99	0.051855	6.25			18.36	15.04	1.81
Staggia	380	Max WS	UF_Tr30_0.5h	55.74	466.05	467.66	467.89	468.54	0.030539	4.14			13.45	13.85	1.34
Staggia	378	Max WS	UF_Tr30_6h	146.56	465.61	466.73	468.28	479.86	0.718447	16.05			9.13	13.45	6.22
Staggia	378	Max WS	UF_Tr30_4h	190.32	465.61	466.90	468.66	480.97	0.625518	16.62			11.45	14.38	5.95
Staggia	378	Max WS	UF_Tr30_3h	193.43	465.61	466.90	468.69	481.13	0.624660	16.70			11.58	14.41	5.95
Staggia	378	Max WS	UF_Tr30_2h	176.85	465.61	466.85	468.54	480.47	0.642225	16.34			10.82	14.23	5.98
Staggia	378	Max WS	UF_Tr30_1h	114.82	465.61	466.60	467.97	478.59	0.673481	15.33			7.49	11.23	6.00
Staggia	378	Max WS	UF_Tr30_0.5h	55.74	465.61	466.28	467.27	474.92	0.777199	13.02			4.28	9.21	6.10
Staggia	374	Max WS	UF_Tr30_6h	146.55	459.13	461.68	461.92	462.96	0.020721	5.02			29.19	16.31	1.20
Staggia	374	Max WS	UF_Tr30_4h	190.32	459.13	462.10	462.32	463.50	0.018546	5.24			36.32	17.30	1.15
Staggia	374	Max WS	UF_Tr30_3h	193.43	459.13	462.13	462.35	463.54	0.018417	5.25			36.81	17.36	1.15
Staggia	374	Max WS	UF_Tr30_2h	176.85	459.13	461.98	462.20	463.34	0.019120	5.18			34.17	17.03	1.17
Staggia	374	Max WS	UF_Tr30_1h	114.83	459.13	461.34	461.59	462.53	0.022895	4.83			23.80	15.34	1.24
Staggia	374	Max WS	UF_Tr30_0.5h	55.74	459.13	460.60	460.84	461.51	0.031387	4.23			13.17	13.46	1.37
Staggia	370	Max WS	UF_Tr30_6h	146.56	459.13	461.59	461.59	462.58	0.014168	4.41			33.24	16.87	1.00
Staggia	370	Max WS	UF_Tr30_4h	190.32	459.13	462.02	461.99	463.14	0.013253	4.67			40.72	17.76	0.99
Staggia	370	Max WS	UF_Tr30_3h	193.43	459.13	462.05	462.02	463.17	0.013198	4.69			41.24	17.81	0.98
Staggia	370	Max WS	UF_Tr30_2h	176.85	459.13	461.90	461.88	462.97	0.013508	4.60			38.47	17.52	0.99
Staggia	370	Max WS	UF_Tr30_1h	114.83	459.13	461.24	461.26	462.13	0.015060	4.17			27.52	16.04	1.02
Staggia	370	Max WS	UF_Tr30_0.5h	55.74	459.13	460.48	460.52	461.10	0.018088	3.50			15.91	14.22	1.06
Staggia	50	Max WS	UF_Tr30_6h	146.55	456.86	460.45	460.54	461.79	0.016969	5.13			28.59	11.86	1.05
Staggia	50	Max WS	UF_Tr30_4h	190.31	456.86	460.91	461.07	462.49	0.017597	5.56			34.23	12.78	1.08
Staggia	50	Max WS	UF_Tr30_3h	193.42	456.86	460.94	461.10	462.53	0.017629	5.59			34.62	12.84	1.09
Staggia	50	Max WS	UF_Tr30_2h	176.84	456.86	460.78	460.91	462.28	0.017445	5.44			32.52	12.51	1.08
Staggia	50	Max WS	UF_Tr30_1h	114.82	456.86	460.08	460.11	461.22	0.016257	4.73			24.26	11.11	1.02
Staggia	50	Max WS	UF_Tr30_0.5h	55.73	456.86	459.19		459.88	0.013824	3.67			15.17	9.29	0.92
Staggia	45	Max WS	UF_Tr30_6h	146.53	456.21	459.21	459.23	460.27	0.014370	4.57			32.10	15.49	1.01
Staggia	45	Max WS	UF_Tr30_4h	190.28	456.21	459.70	459.64	460.86	0.012306	4.78	0.48	0.52	39.92	16.81	0.97
Staggia	45	Max WS	UF_Tr30_3h	193.40	456.21	459.73	459.67	460.90	0.012174	4.80	0.50	0.55	40.47	16.90	0.96
Staggia	45	Max WS	UF_Tr30_2h	176.82	456.21	459.55	459.52	460.69	0.012993	4.72	0.33	0.38	37.49	16.43	0.98
Staggia	45	Max WS	UF_Tr30_1h	114.82	456.21	458.83	458.86	459.80	0.015250	4.35			26.37	14.41	1.03
Staggia	45	Max WS	UF_Tr30_0.5h	55.72	456.21	458.00	458.02	458.67	0.016456	3.62			15.39	12.02	1.02
Staggia	44	Max WS	UF_Tr30_6h	146.53	456.20	459.17	459.29	460.57	0.015277	5.25		0.02	27.93	11.66	1.08
Staggia	44	Max WS	UF_Tr30_4h	190.27	456.20	459.66	459.78	461.29	0.013885	5.66	0.62	0.03	33.76	12.20	1.06
Staggia	44	Max WS	UF_Tr30_3h	193.41	456.20	459.69	459.82	461.34	0.013811	5.68	0.64	0.03	34.16	12.23	1.06
Staggia	44	Max WS	UF_Tr30_2h	176.81	456.20	459.51	459.64	461.07	0.014292	5.54	0.49	0.03	31.97	12.03	1.07
Staggia	44	Max WS	UF_Tr30_1h	114.82	456.20	458.78	458.89	460.00	0.015582	4.88		0.02	23.53	11.20	1.08
Staggia	44	Max WS	UF_Tr30_0.5h	55.72	456.20	457.95	457.97	458.69	0.015379	3.81		0.02	14.62	10.20	1.02
Staggia	43.19			Lat Struct											
Staggia	40	Max WS	UF_Tr30_6h	146.65	455.15	458.40	457.37	458.90	0.003373	3.15	0.26	0.27	47.36	15.05	0.56
Staggia	40	Max WS	UF_Tr30_4h	190.34	455.15	459.00	457.79	459.60	0.003203	3.44	0.27	0.29	56.41	15.10	0.56
Staggia	40	Max WS	UF_Tr30_3h	193.37	455.15	459.04	457.82	459.64	0.003191	3.46	0.27	0.29	57.02	15.10	0.56
Staggia	40	Max WS	UF_Tr30_2h	176.82	455.15	458.82	457.66	459.39	0.003249	3.36	0.27	0.28	53.70	15.09	0.56
Staggia	40	Max WS	UF_Tr30_1h	114.81	455.15	457.92	457.05	458.35	0.003543	2.90	0.24	0.25	40.19	15.01	0.56
Staggia	40	Max WS	UF_Tr30_0.5h	55.71	455.15	456.88	456.34	457.15	0.004120	2.27	0.18	0.19	24.74	14.83	0.56
Staggia	39			Inl Struct											
Staggia	38	Max WS	UF_Tr30_6h	146.65	452.86	455.61		456.47	0.011414	4.11	0.13	0.14	35.67	14.59	0.84
Staggia	38	Max WS	UF_Tr30_4h	190.34	452.86	456.02		457.09	0.011438	4.57	0.21	0.22	41.73	14.68	0.86
Staggia	38	Max WS	UF_Tr30_3h	193.37	452.86	456.05		457.13	0.011436	4.60	0.21	0.22	42.13	14.68	0.86
Staggia	38	Max WS	UF_Tr30_2h	176.82	452.86	455.90		456.90	0.011407	4.43	0.19	0.20	39.94	14.65	0.85

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Staggia	38	Max WS	UF_Tr30_1h	114.81	452.86	455.27		455.98	0.011453	3.73	0.04	0.05	30.75	14.53	0.82
Staggia	38	Max WS	UF_Tr30_0.5h	55.71	452.86	454.52		454.92	0.010524	2.81			19.84	14.51	0.77
Staggia	33.99			Lat Struct											
Staggia	30	Max WS	UF_Tr30_6h	146.54	451.74	454.53	453.76	455.01	0.003985	3.09	0.75	0.71	52.05	24.36	0.60
Staggia	30	Max WS	UF_Tr30_4h	188.60	451.74	454.96	454.09	455.52	0.003935	3.38	0.97	0.75	62.77	25.87	0.61
Staggia	30	Max WS	UF_Tr30_3h	191.49	451.74	454.99	454.11	455.56	0.003935	3.40	0.98	0.75	63.48	26.02	0.61
Staggia	30	Max WS	UF_Tr30_2h	176.16	451.74	454.84	454.00	455.38	0.003940	3.30	0.91	0.75	59.69	25.20	0.60
Staggia	30	Max WS	UF_Tr30_1h	114.80	451.74	454.16	453.46	454.57	0.004112	2.85	0.53	0.60	43.06	23.40	0.59
Staggia	30	Max WS	UF_Tr30_0.5h	55.68	451.74	453.29	452.83	453.54	0.004438	2.18	0.69	0.38	26.32	18.26	0.57
Staggia	29			Inl Struct											
Staggia	28	Max WS	UF_Tr30_6h	146.54	445.65	449.07		449.41	0.002019	2.55	0.00	0.00	57.45	16.79	0.44
Staggia	28	Max WS	UF_Tr30_4h	188.60	445.65	449.71		450.10	0.001898	2.77	0.00	0.00	68.09	16.79	0.44
Staggia	28	Max WS	UF_Tr30_3h	191.49	445.65	449.75		450.15	0.001890	2.78	0.00	0.00	68.80	16.79	0.44
Staggia	28	Max WS	UF_Tr30_2h	176.15	445.65	449.51		449.89	0.001958	2.72	0.00	0.00	64.75	16.79	0.44
Staggia	28	Max WS	UF_Tr30_1h	114.80	445.65	448.58		448.86	0.002074	2.33	0.00	0.00	49.23	16.79	0.43
Staggia	28	Max WS	UF_Tr30_0.5h	55.68	445.65	447.53		447.69	0.002160	1.77	0.00	0.00	31.50	16.79	0.41
Staggia	27	Max WS	UF_Tr30_6h	146.54	445.65	449.05	447.63	449.39	0.002643	2.57	0.00		57.05	16.79	0.45
Staggia	27	Max WS	UF_Tr30_4h	190.18	445.65	449.67	448.00	450.08	0.002652	2.82	0.00		67.45	16.79	0.45
Staggia	27	Max WS	UF_Tr30_3h	193.31	445.65	449.71	448.03	450.12	0.002657	2.84	0.00		68.13	16.79	0.45
Staggia	27	Max WS	UF_Tr30_2h	176.63	445.65	449.48	447.89	449.87	0.002654	2.75	0.00		64.28	16.79	0.45
Staggia	27	Max WS	UF_Tr30_1h	114.80	445.65	448.56	447.33	448.84	0.002638	2.35	0.00		48.82	16.79	0.44
Staggia	27	Max WS	UF_Tr30_0.5h	55.68	445.65	447.51	446.69	447.67	0.002589	1.79	0.00		31.11	16.79	0.42
Staggia	26			Bridge											
Staggia	25	Max WS	UF_Tr30_6h	146.54	445.65	448.62		449.06	0.004049	2.94	0.00		49.76	16.79	0.55
Staggia	25	Max WS	UF_Tr30_4h	190.18	445.65	449.17		449.70	0.003990	3.22	0.00		59.10	16.79	0.55
Staggia	25	Max WS	UF_Tr30_3h	193.31	445.65	449.21		449.74	0.003987	3.24	0.00		59.74	16.79	0.55
Staggia	25	Max WS	UF_Tr30_2h	176.63	445.65	449.00		449.51	0.004005	3.14	0.00		56.28	16.79	0.55
Staggia	25	Max WS	UF_Tr30_1h	114.80	445.65	448.18		448.55	0.004118	2.71	0.00		42.38	16.79	0.54
Staggia	25	Max WS	UF_Tr30_0.5h	55.68	445.65	447.23		447.45	0.004379	2.11	0.00		26.42	16.79	0.54
Staggia	23	Max WS	UF_Tr30_6h	146.54	445.65	448.58	447.63	449.04	0.004190	2.98	0.00		49.22	16.79	0.56
Staggia	23	Max WS	UF_Tr30_4h	190.18	445.65	449.14	448.00	449.68	0.004103	3.25	0.00		58.57	16.79	0.56
Staggia	23	Max WS	UF_Tr30_3h	193.31	445.65	449.18	448.03	449.72	0.004099	3.27	0.00		59.21	16.79	0.56
Staggia	23	Max WS	UF_Tr30_2h	176.63	445.65	448.97	447.89	449.48	0.004126	3.17	0.00		55.75	16.79	0.56
Staggia	23	Max WS	UF_Tr30_1h	114.80	445.65	448.14	447.33	448.53	0.004292	2.74	0.00		41.83	16.79	0.56
Staggia	23	Max WS	UF_Tr30_0.5h	55.68	445.65	447.19	446.69	447.43	0.004711	2.16	0.00		25.82	16.79	0.56
Staggia	22			Inl Struct											
Staggia	21	Max WS	UF_Tr30_6h	146.52	443.15	446.61		447.93	0.009311	5.09	0.47	0.48	29.60	9.69	0.91
Staggia	21	Max WS	UF_Tr30_4h	189.90	443.15	447.09	446.99	448.76	0.009776	5.73	0.53	0.54	34.24	9.74	0.96
Staggia	21	Max WS	UF_Tr30_3h	192.91	443.15	447.13	447.03	448.82	0.009752	5.76	0.53	0.54	34.61	9.74	0.96
Staggia	21	Max WS	UF_Tr30_2h	176.57	443.15	446.93	446.82	448.51	0.009797	5.57	0.52	0.52	32.71	9.72	0.95
Staggia	21	Max WS	UF_Tr30_1h	114.76	443.15	446.17		447.27	0.009441	4.64	0.42	0.43	25.33	9.61	0.90
Staggia	21	Max WS	UF_Tr30_0.5h	55.31	443.15	445.30		445.85	0.008006	3.30	0.27	0.31	17.01	9.40	0.77
Staggia	20	Max WS	UF_Tr30_6h	146.34	443.15	446.39	446.42	447.92	0.015959	5.47		0.60	27.13	9.36	1.02
Staggia	20	Max WS	UF_Tr30_4h	179.45	443.15	446.87	446.86	448.57	0.015302	5.77		0.65	31.63	9.41	1.00
Staggia	20	Max WS	UF_Tr30_3h	182.53	443.15	446.91	446.90	448.63	0.015336	5.81		0.65	31.98	9.42	1.00
Staggia	20	Max WS	UF_Tr30_2h	166.76	443.15	446.72	446.70	448.32	0.015205	5.62		0.62	30.15	9.40	0.99
Staggia	20	Max WS	UF_Tr30_1h	111.36	443.15	445.96	445.93	447.18	0.014978	4.89		0.52	23.06	9.32	0.98
Staggia	20	Max WS	UF_Tr30_0.5h	58.86	443.15	445.09	445.07	445.89	0.015402	3.94		0.39	15.04	9.23	0.98
Staggia	18.45			Lat Struct											
Staggia	12.308	Max WS	UF_Tr30_6h	146.37	441.41	444.29	444.79	446.48	0.026779	6.58		1.46	22.95	9.21	1.30
Staggia	12.308	Max WS	UF_Tr30_4h	189.00	441.41	444.75	445.37	447.37	0.027382	7.21		1.67	27.24	9.39	1.31
Staggia	12.308	Max WS	UF_Tr30_3h	191.95	441.41	444.78	445.40	447.43	0.027425	7.25		1.69	27.53	9.40	1.31
Staggia	12.308	Max WS	UF_Tr30_2h	175.39	441.41	444.60	445.19	447.10	0.027251	7.03		1.61	25.88	9.33	1.31
Staggia	12.308	Max WS	UF_Tr30_1h	114.61	441.41	443.92	444.32	445.75	0.025932	6.00		1.27	19.61	9.07	1.27
Staggia	12.308	Max WS	UF_Tr30_0.5h	55.30	441.41	443.12	443.30	444.15	0.023528	4.50		0.83	12.45	8.77	1.19
Staggia_valle	11.538	Max WS	UF_Tr30_6h	147.92	441.24	444.29	444.41	445.65	0.012599	5.49	2.27	1.06	32.60	14.56	1.05
Staggia_valle	11.538	Max WS	UF_Tr30_4h	191.02	441.24	444.75	444.87	446.34	0.012145	5.97	2.52	1.18	39.43	15.00	1.05
Staggia_valle	11.538	Max WS	UF_Tr30_3h	194.06	441.24	444.78	444.90	446.38	0.012125	6.00	2.54	1.18	39.89	15.03	1.05
Staggia_valle	11.538	Max WS	UF_Tr30_2h	177.26	441.24	444.60	444.72	446.13	0.012309	5.83	2.45	1.14	37.26	14.87	1.05
Staggia_valle	11.538	Max WS	UF_Tr30_1h	116.08	441.24	443.92	444.02	445.10	0.012868	5.06	2.01	0.96	27.34	14.22	1.03
Staggia_valle	11.538	Max WS	UF_Tr30_0.5h	56.80	441.24	443.12	443.14	443.87	0.013162	3.92	1.29	0.69	16.29	12.87	0.98
Staggia_valle	11.5			Lat Struct											
Staggia_valle	10	Max WS	UF_Tr30_6h	147.90	440.89	443.94	444.01	445.20	0.011958	5.36	2.30	1.05	34.20	15.37	1.02
Staggia_valle	10	Max WS	UF_Tr30_4h	191.01	440.89	444.42	444.45	445.86	0.011296	5.78	2.54	1.16	41.66	15.84	1.01
Staggia_valle	10	Max WS	UF_Tr30_3h	194.06	440.89	444.45	444.48	445.91	0.011271	5.81	2.56	1.17	42.15	15.87	1.02
Staggia_valle	10	Max WS	UF_Tr30_2h	177.25	440.89	444.27	444.32	445.66	0.011522	5.66	2.48	1.13	39.28	15.69	1.02
Staggia_valle	10	Max WS	UF_Tr30_1h	116.02	440.89	443.56	443.63	444.67	0.012423	4.96	2.06	0.95	28.51	15.00	1.01
Staggia_valle	10	Max WS	UF_Tr30_0.5h	56.79	440.89	442.74	442.81	443.49	0.013658	3.96	1.32	0.69	16.52	13.82	0.99
Staggia_valle	7	Max WS	UF_Tr30_6h	147.89	439.23	443.01	442.18	443.48	0.003350	3.39	1.46	0.42	59.01	21.97	0.57
Staggia_valle	7	Max WS	UF_Tr30_4h	190.97	439.23	443.61	442.54	444.15	0.003219	3.68	1.49	0.45	73.63	25.65	0.57
Staggia_valle	7	Max WS	UF_Tr30_3h	193.96	439.23	443.65	442.57	444.19	0.003193	3.69	1.50	0.45	74.69	25.71	0.57
Staggia_valle	7	Max WS	UF_Tr30_2h	177.14	439.23	443.42	442.43	443.95	0.003353	3.64	1.45	0.45	68.67	25.34	0.58
Staggia_valle	7	Max WS	UF_Tr30_1h	115.97	439.23	442.55	441.87	442.96	0.003491	3.16	1.32	0.39	48.94	21.27	0.56
Staggia_valle	7	Max WS	UF_Tr30_0.5h	56.73	439.23	441.53	440.90	441.80	0.003522	2.46	1.05	0.30	28.17	16.54	0.53
Staggia_valle	6			Bridge											
Staggia_valle	5	Max WS	UF_Tr30_6h	147.89	439.18	442.97		443.45	0.003540	3.45	1.49	0.42	57.97	21.87	0.58
Staggia_valle	5	Max WS	UF_Tr30_4h	190.94	439.18	443.56		444.11	0.003407	3.74	1.52	0.46	72.25	25.56	0.58
Staggia_valle	5	Max WS	UF_Tr30_3h	193.93	439.18	443.60		444.15	0.003376	3.75	1.52	0.46	73.31	25.63	0.58
Staggia_valle	5	Max WS	UF_Tr30_2h	177.14	439.18	443.37		443.91	0.003559	3.70	1.47	0.46	67.31	25.25	0.59
Staggia_valle	5	Max WS	UF_Tr30_1h	115.96	439.18	442.48		442.92	0.003800	3.24	1.34	0.40	47.59	21.24	0.59
Staggia_valle	5	Max WS	UF_Tr30_0.5h	56.73	439.18	441.48		441.76	0.003885	2.54	1.10	0.31	27.24	16.28	0.55
Staggia_valle	4.1			Lat Struct											
Staggia_valle	4	Max WS	UF_Tr30_6h	147.87	438.99	442.27	441.34	442.91	0.005017	3.89	1.95	0.45	47.59	15.15	0.69
Staggia_valle	4	Max WS	UF_Tr30_4h	190.94	438.99	442.87	441.79	443.63	0.004851	4.27	2.06	0.50	56.67	15.38	0.69
Staggia_valle	4	Max WS	UF_Tr30_3h	193.92	438.99	442.91	441.82	443.68	0.004842	4.30	2.07	0.51	57.27	15.39	0.69
Staggia_valle	4	Max WS	UF_Tr30_2h	177.11	438.99	442.68	441.65	443.41	0.004899	4.16	2.03	0.49	53.82	15.31	0.69
Staggia_valle	4	Max WS	UF_Tr30_1h	115.90	438.99	441.79	440.99	442.32	0.005192	3.56	1.84	0.41	40.31	14.96	0.68
Staggia_valle	4	Max WS	UF_Tr30_0.5h	56.70	438.99	440.74	440.23	441.06	0.005796	2.75	1.55	0.31	24.84	14.55	0.66
Staggia_valle	3.7			Inl Struct											
Staggia_valle	3.5	Max WS	UF_Tr30_6h	147.87	432.95	436.63		437.20	0.003155	3.35	0.06	0.50	45.46	12.71	0.56
Staggia_valle	3.5	Max WS	UF_Tr30_4h	190.94	432.95	437.29		437.97	0.003031	3.66	0.06	0.54	53.89	12.82	0.56

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Staggia_valle	3.5	Max WS	UF_Tr30_3h	193.92	432.95	437.34		438.02	0.003019	3.68	0.06	0.54	54.47	12.83	0.56
Staggia_valle	3.5	Max WS	UF_Tr30_2h	177.11	432.95	437.09		437.73	0.003066	3.57	0.06	0.52	51.26	12.79	0.56
Staggia_valle	3.5	Max WS	UF_Tr30_1h	115.90	432.95	436.10		436.58	0.003277	3.07	0.05	0.46	38.68	12.61	0.55
Staggia_valle	3.5	Max WS	UF_Tr30_0.5h	56.70	432.95	434.91		435.21	0.003783	2.41	0.04	0.37	23.89	12.39	0.55
Staggia_valle	3	Max WS	UF_Tr30_6h	147.87	432.90	436.40		437.26	0.005143	4.13	0.00	0.61	36.91	10.89	0.71
Staggia_valle	3	Max WS	UF_Tr30_4h	190.94	432.90	437.05		438.07	0.004833	4.49	0.00	0.65	44.07	11.00	0.70
Staggia_valle	3	Max WS	UF_Tr30_3h	193.92	432.90	437.09		438.12	0.004814	4.51	0.00	0.65	44.55	11.00	0.70
Staggia_valle	3	Max WS	UF_Tr30_2h	177.11	432.90	436.85		437.82	0.004921	4.38	0.00	0.64	41.83	10.96	0.70
Staggia_valle	3	Max WS	UF_Tr30_1h	115.90	432.90	435.87		436.61	0.005458	3.81	0.00	0.57	31.19	10.80	0.71
Staggia_valle	3	Max WS	UF_Tr30_0.5h	56.70	432.90	434.74		435.20	0.006476	3.02	0.00	0.45	19.09	10.59	0.71
Staggia_valle	2			Culvert											
Staggia_valle	1.5	Max WS	UF_Tr30_6h	147.87	431.71	433.64	434.28	435.87	0.029581	6.67	1.37	1.68	23.43	12.69	1.53
Staggia_valle	1.5	Max WS	UF_Tr30_4h	190.22	431.71	434.18	434.74	436.42	0.021362	6.68	1.37	1.55	30.39	12.98	1.36
Staggia_valle	1.5	Max WS	UF_Tr30_3h	193.82	431.71	434.38	434.77	436.37	0.017145	6.30	1.30	1.43	32.96	13.08	1.23
Staggia_valle	1.5	Max WS	UF_Tr30_2h	177.11	431.71	434.12	434.60	436.16	0.020134	6.38	1.31	1.49	29.60	12.94	1.31
Staggia_valle	1.5	Max WS	UF_Tr30_1h	19.52	431.71	433.46		433.51	0.000718	0.97	0.20	0.25	21.12	12.60	0.23
Staggia_valle	1.5	Max WS	UF_Tr30_0.5h	14.50	431.71	433.46		433.49	0.000393	0.72	0.15	0.19	21.18	12.60	0.17
Staggia_valle	0	Max WS	UF_Tr30_6h	20.52	431.40	433.25	432.09	433.29	0.000695	0.99	0.52	0.11	25.04	15.29	0.23
Staggia_valle	0	Max WS	UF_Tr30_4h	29.22	431.40	433.47	432.27	433.54	0.000957	1.25	0.65	0.14	28.45	15.67	0.28
Staggia_valle	0	Max WS	UF_Tr30_3h	19.52	431.40	433.47	432.07	433.50	0.000427	0.83	0.43	0.09	28.45	15.67	0.19
Staggia_valle	0	Max WS	UF_Tr30_2h	19.52	431.40	433.47	432.07	433.50	0.000427	0.83	0.43	0.09	28.45	15.67	0.19
Staggia_valle	0	Max WS	UF_Tr30_1h	19.51	431.40	433.47	432.07	433.50	0.000427	0.83	0.43	0.09	28.45	15.67	0.19
Staggia_valle	0	Max WS	UF_Tr30_0.5h	14.49	431.40	433.47	431.95	433.49	0.000235	0.62	0.32	0.07	28.45	15.67	0.14

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "TALLA_APP"

AFF A TALLA

MODELLAZIONE PER TR=30 e 200 ANNI

DURATA DI PIOGGIA: 0.5, 1 e 2 h

Profilo longitudinale

Sezioni Trasversali

Dati idraulici

ALLEGATI

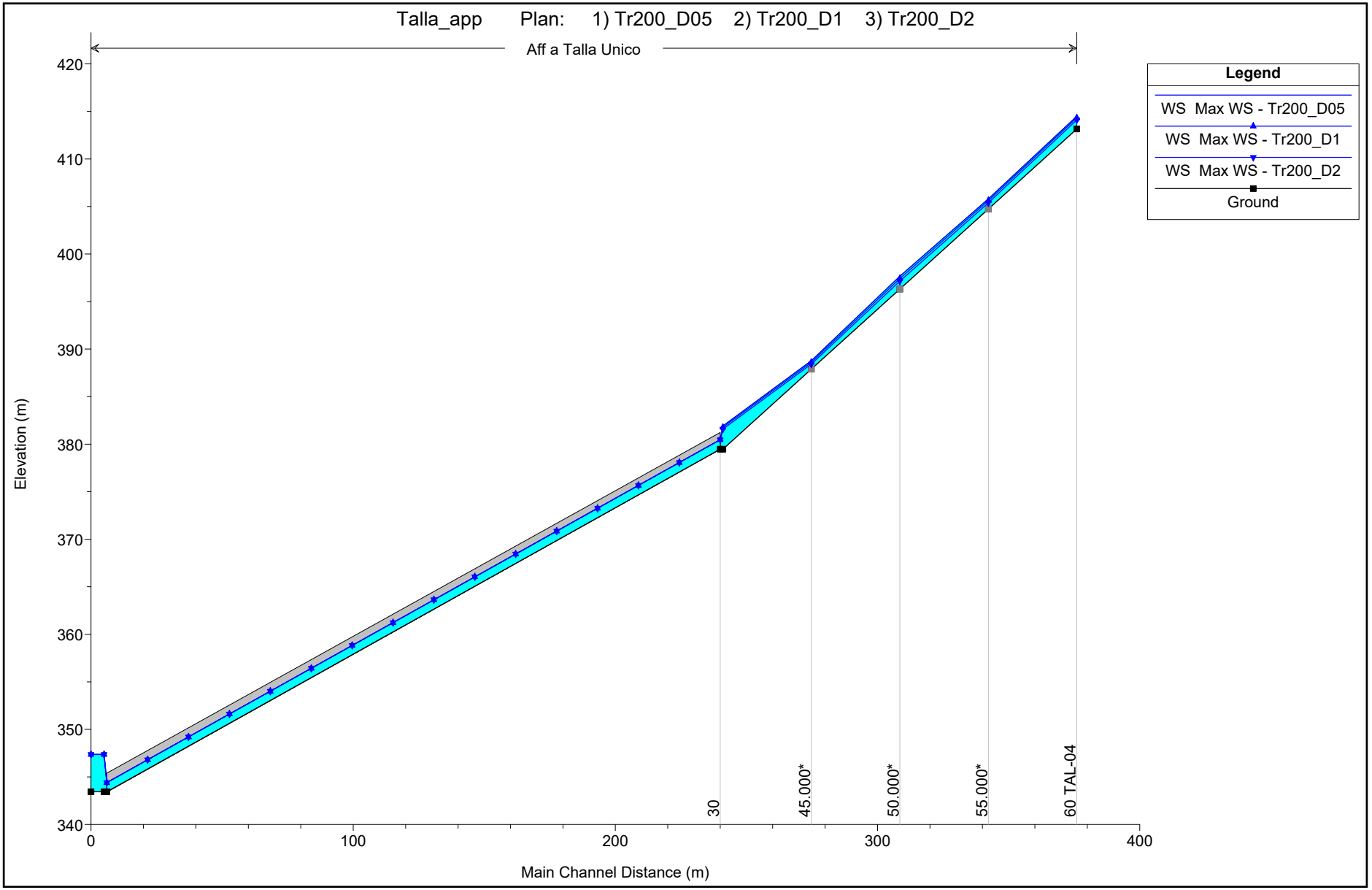
MODELLAZIONE HEC-RAS 5.0.7 "TALLA_APP"

AFF A TALLA

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 0.5, 1 e 2 h

Profilo longitudinale


Talla_app Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
Aff a Talla Unico
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
WS Max WS - Tr200_D2
Ground
Elevation (m)
420
410
400
390
380
370
360
350
340
0
100
200
300
400
Main Channel Distance (m)
30
45.000*
50.000*
55.000*
60 TAL-04

ALLEGATI

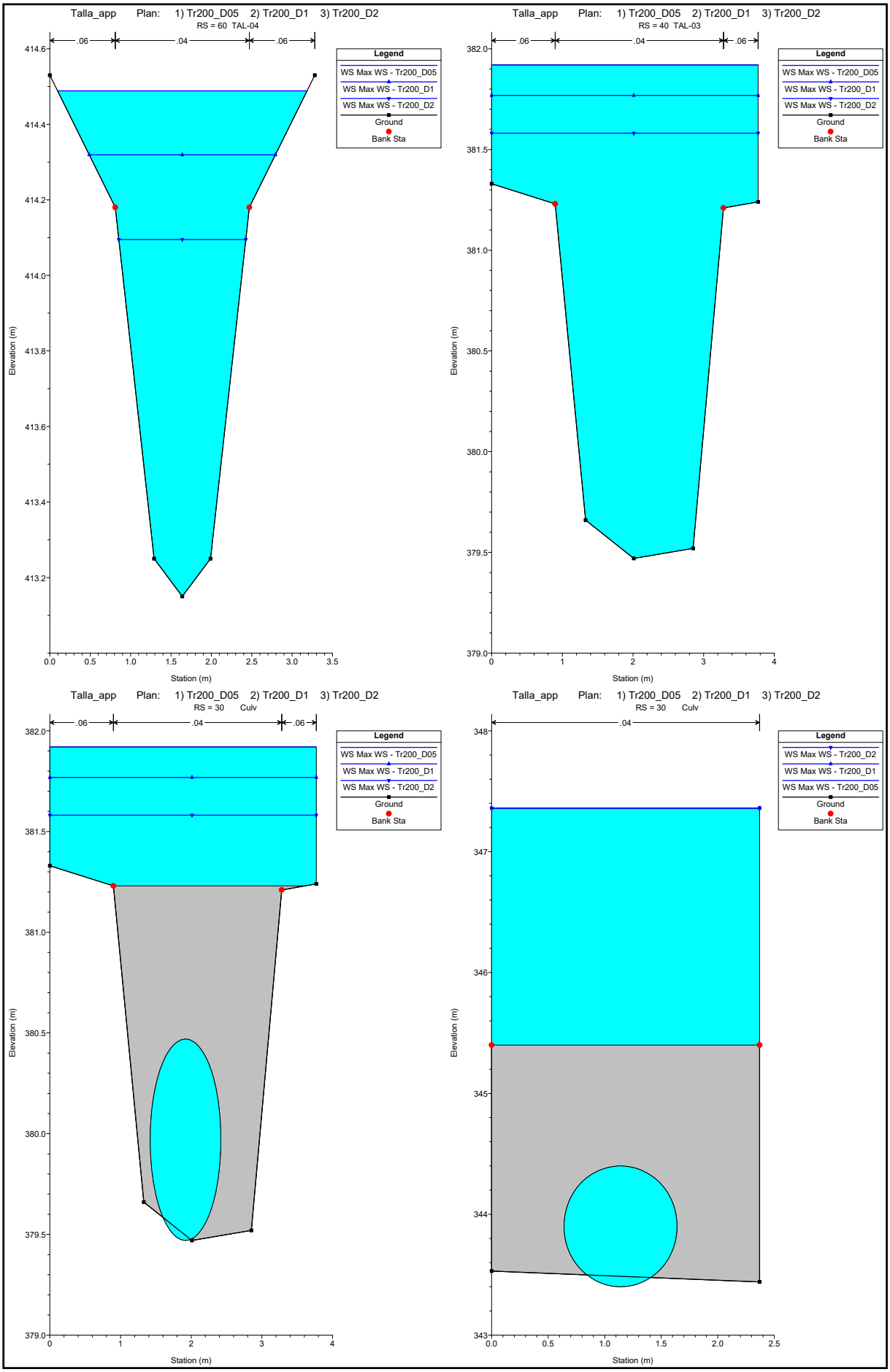
MODELLAZIONE HEC-RAS 5.0.7 "TALLA_APP"

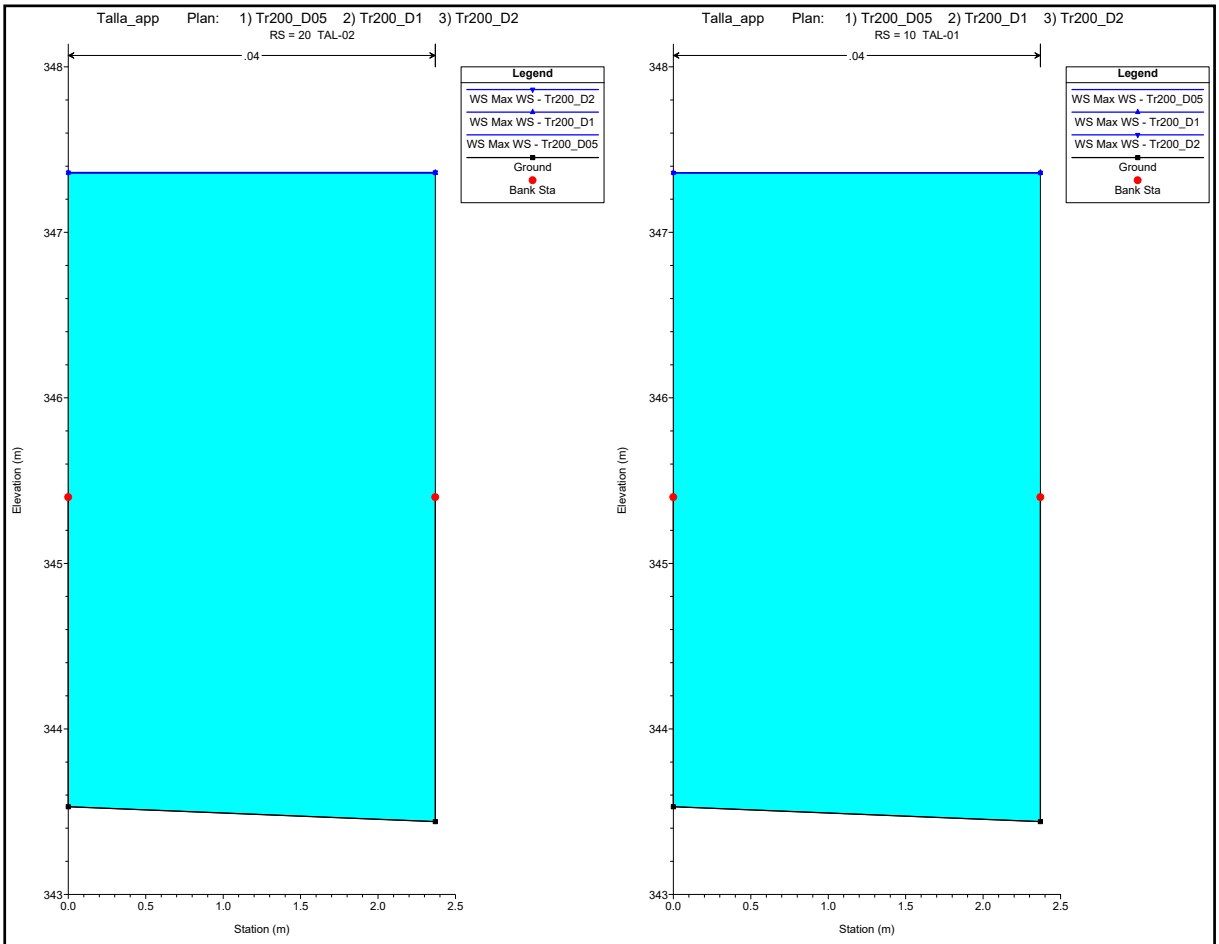
AFF A TALLA

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 0.5, 1 e 2 h

Sezioni Trasversali (da monte verso valle)


Talla_app Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
RS = 60 TAL-04
.06
.04
.06
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Talla_app Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
RS = 40 TAL-03
.06
.04
.06
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Talla_app Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
RS = 30 Culv
.06
.04
.06
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Talla_app Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
RS = 30 Culv
.04
Legend
WS Max WS - Tr200_D2
WS Max WS - Tr200_D1
WS Max WS - Tr200_D05
Ground
Bank Sta
Elevation (m)
Station (m)


Talla_app Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
RS = 20 TAL-02
.04
Legend
WS Max WS - Tr200_D2
WS Max WS - Tr200_D1
WS Max WS - Tr200_D05
Ground
Bank Sta
Elevation (m)
Station (m)
Talla_app Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
RS = 10 TAL-01
.04
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "TALLA_APP"

AFF A TALLA

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 0.5, 1 e 2 h

Dati idraulici

HEC-RAS River: Aff a Talla Reach: Unico Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Unico	60	Max WS	Tr200_D05	11.70	413.15	414.49	415.09	416.82	0.155141	6.87	1.78	1.78	1.87	3.09	2.20
Unico	60	Max WS	Tr200_D1	8.20	413.15	414.32	414.84	416.13	0.150767	5.98	1.03	1.03	1.41	2.30	2.11
Unico	60	Max WS	Tr200_D2	4.90	413.15	414.10	414.54	415.33	0.141604	4.92			1.00	1.57	1.98
Unico	44			Lat Struct											
Unico	43			Lat Struct											
Unico	40	Max WS	Tr200_D05	6.48	379.47	381.92		381.99	0.002429	1.24	0.43	0.36	5.86	3.77	0.27
Unico	40	Max WS	Tr200_D1	5.26	379.47	381.77		381.83	0.002106	1.09	0.36	0.31	5.29	3.77	0.25
Unico	40	Max WS	Tr200_D2	3.96	379.47	381.58		381.62	0.001746	0.93	0.26	0.25	4.58	3.77	0.23
Unico	30			Culvert											
Unico	20	Max WS	Tr200_D05	2.01	343.44	347.36		347.36	0.000087	0.22			9.18	2.37	0.04
Unico	20	Max WS	Tr200_D1	2.00	343.44	347.36		347.36	0.000086	0.22			9.18	2.37	0.04
Unico	20	Max WS	Tr200_D2	3.96	343.44	347.36		347.37	0.000338	0.43			9.19	2.37	0.07
Unico	10	Max WS	Tr200_D05	2.01	343.44	347.36	343.90	347.36	0.000087	0.22			9.18	2.37	0.04
Unico	10	Max WS	Tr200_D1	2.00	343.44	347.36	343.90	347.36	0.000086	0.22			9.18	2.37	0.04
Unico	10	Max WS	Tr200_D2	3.96	343.44	347.36	344.14	347.37	0.000339	0.43			9.18	2.37	0.07

ALLEGATI

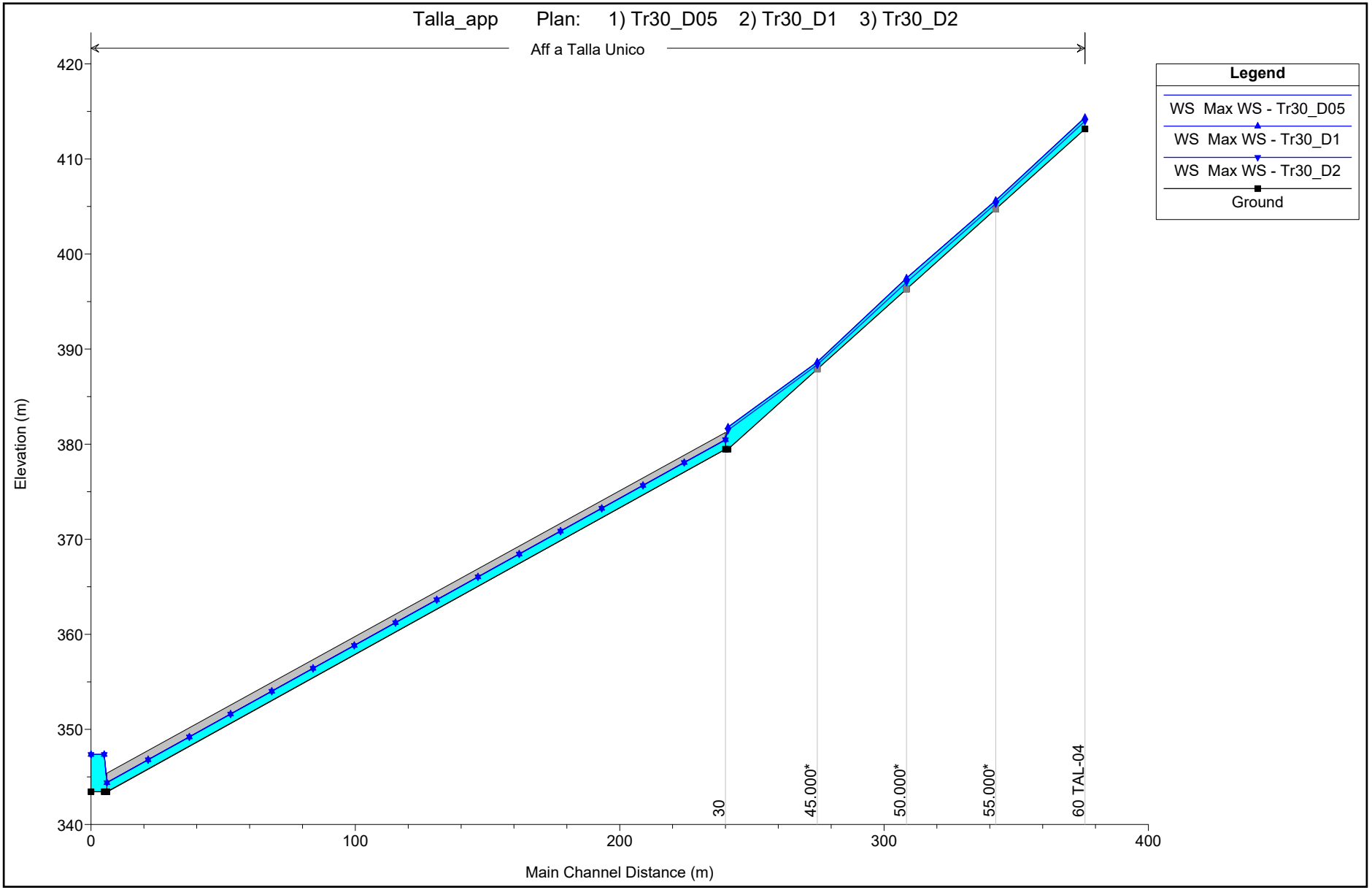
MODELLAZIONE HEC-RAS 5.0.7 "TALLA_APP"

AFF A TALLA

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 0.5, 1 e 2 h

Profilo longitudinale


Talla_app Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
Aff a Talla Unico
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
WS Max WS - Tr30_D2
Ground
Elevation (m)
420
410
400
390
380
370
360
350
340
0
100
200
300
400
Main Channel Distance (m)
30
45.000*
50.000*
55.000*
60 TAL-04

ALLEGATI

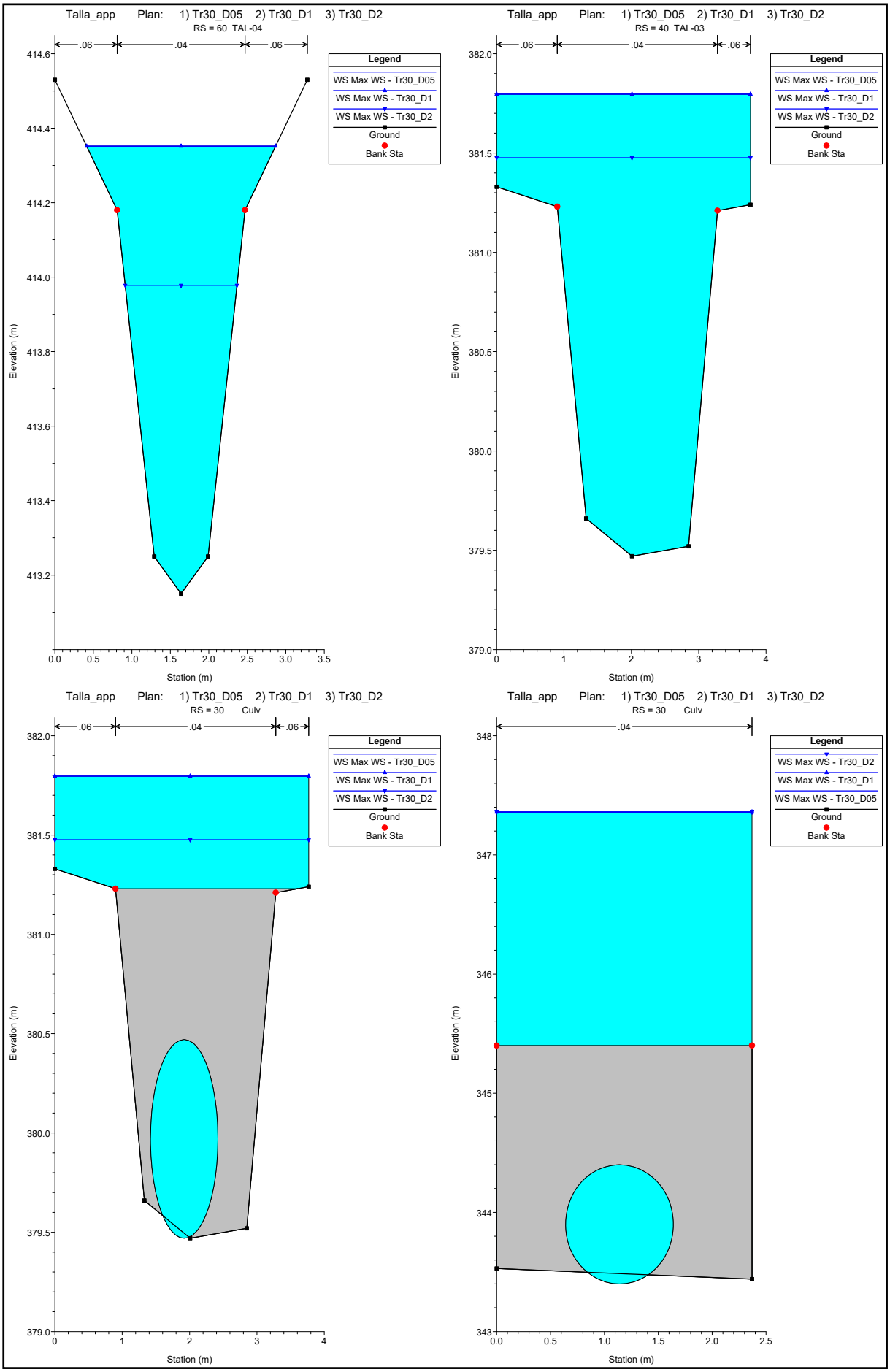
MODELLAZIONE HEC-RAS 5.0.7 "TALLA_APP"

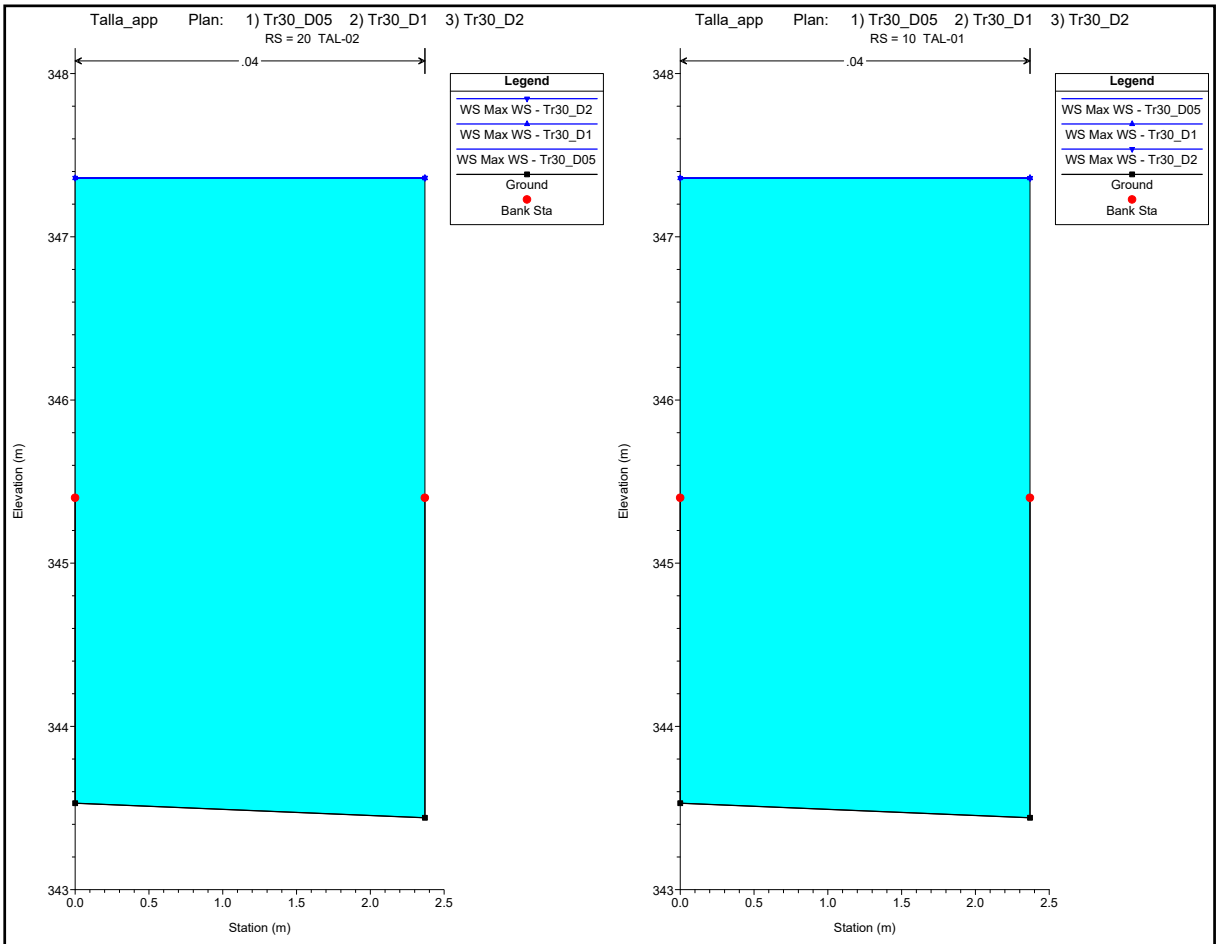
AFF A TALLA

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 0.5, 1 e 2 h

Sezioni Trasversali (da monte verso valle)


Talla_app Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
RS = 60 TAL-04
.06
.04
.06
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
WS Max WS - Tr30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Talla_app Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
RS = 40 TAL-03
.06
.04
.06
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
WS Max WS - Tr30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Talla_app Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
RS = 30 Culv
.06
.04
.06
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
WS Max WS - Tr30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Talla_app Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
RS = 30 Culv
.04
Legend
WS Max WS - Tr30_D2
WS Max WS - Tr30_D1
WS Max WS - Tr30_D05
Ground
Bank Sta
Elevation (m)
Station (m)


Talla_app Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
RS = 20 TAL-02
.04
Legend
WS Max WS - Tr30_D2
WS Max WS - Tr30_D1
WS Max WS - Tr30_D05
Ground
Bank Sta
Elevation (m)
Station (m)
Talla_app Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
RS = 10 TAL-01
.04
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
WS Max WS - Tr30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "TALLA_APP"

AFF A TALLA

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 0.5, 1 e 2 h

Dati idraulici

HEC-RAS River: Aff a Talla Reach: Unico Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Unico	60	Max WS	Tr30_D05	8.80	413.15	414.35	414.88	416.26	0.151389	6.15	1.19	1.19	1.49	2.46	2.12
Unico	60	Max WS	Tr30_D1	8.80	413.15	414.35	414.88	416.26	0.151389	6.15	1.19	1.19	1.49	2.46	2.12
Unico	60	Max WS	Tr30_D2	3.70	413.15	413.98	414.32	415.02	0.134693	4.52			0.82	1.45	1.92
Unico	44			Lat Struct											
Unico	43			Lat Struct											
Unico	40	Max WS	Tr30_D05	5.46	379.47	381.80		381.86	0.002157	1.12	0.38	0.32	5.39	3.77	0.26
Unico	40	Max WS	Tr30_D1	5.46	379.47	381.80		381.86	0.002157	1.12	0.38	0.32	5.39	3.77	0.26
Unico	40	Max WS	Tr30_D2	3.36	379.47	381.48		381.51	0.001585	0.85	0.20	0.20	4.18	3.77	0.21
Unico	30			Culvert											
Unico	20	Max WS	Tr30_D05	2.00	343.44	347.36		347.36	0.000086	0.22			9.18	2.37	0.04
Unico	20	Max WS	Tr30_D1	2.00	343.44	347.36		347.36	0.000086	0.22			9.18	2.37	0.04
Unico	20	Max WS	Tr30_D2	3.36	343.44	347.36		347.37	0.000244	0.37			9.19	2.37	0.06
Unico	10	Max WS	Tr30_D05	2.00	343.44	347.36	343.90	347.36	0.000086	0.22			9.18	2.37	0.04
Unico	10	Max WS	Tr30_D1	2.00	343.44	347.36	343.90	347.36	0.000086	0.22			9.18	2.37	0.04
Unico	10	Max WS	Tr30_D2	3.36	343.44	347.36	344.07	347.37	0.000244	0.37			9.18	2.37	0.06

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "TALLA_APP"

FONTE BOCCETTI

MODELLAZIONE PER TR=30 e 200 ANNI

DURATA DI PIOGGIA: 0.5, 1 e 2 h

Profilo longitudinale

Sezioni Trasversali

Dati idraulici

ALLEGATI

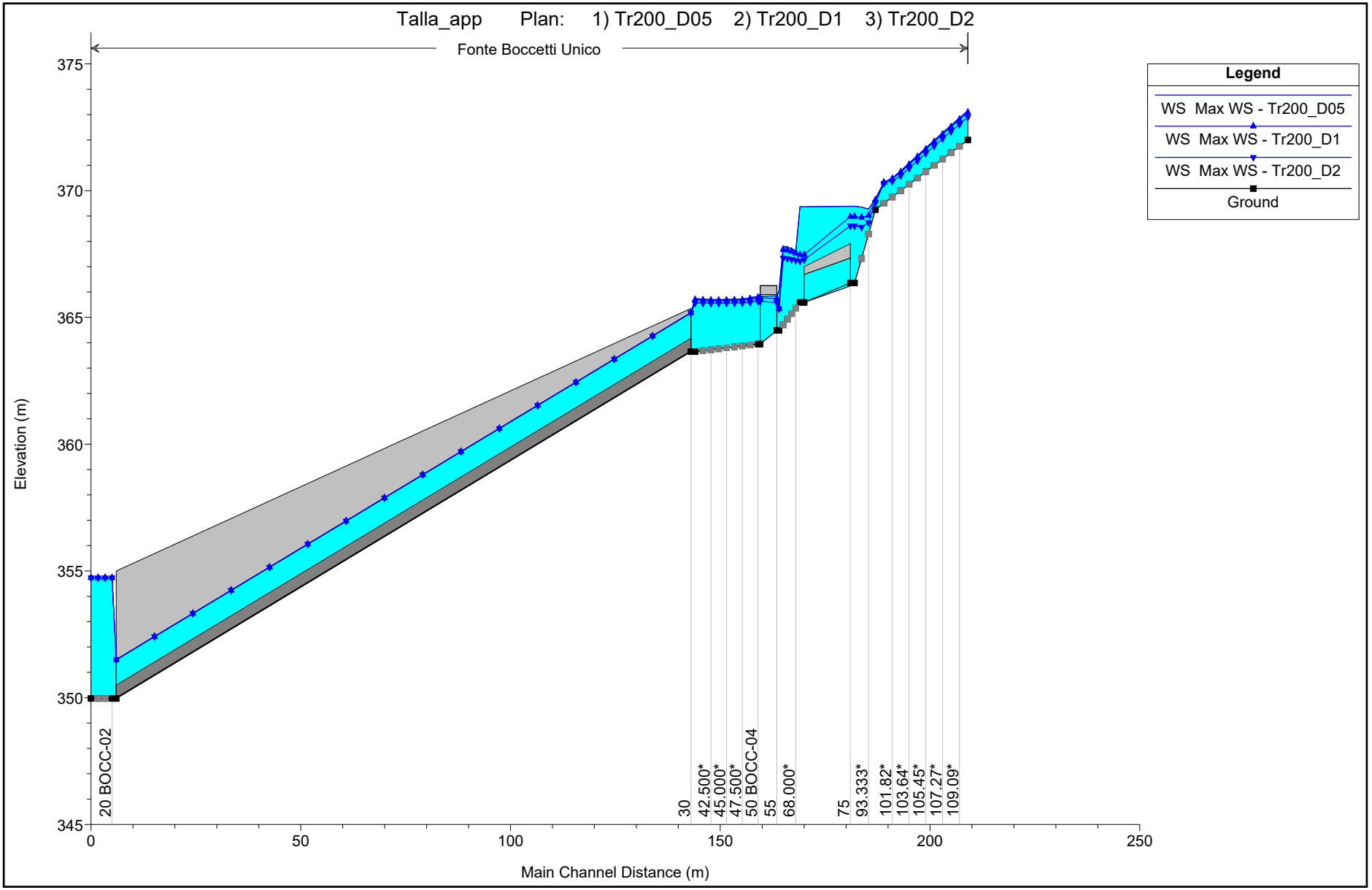
MODELLAZIONE HEC-RAS 5.0.7 "TALLA_APP"

FONTE BOCCETTI

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 0.5, 1 e 2 h

Profilo longitudinale


Talla_app Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
Fonte Boccetti Unico
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
WS Max WS - Tr200_D2
Ground
Elevation (m)
Main Channel Distance (m)
375
370
365
360
355
350
345
0
50
100
150
200
250
20 BOCC-02
30
42.500*
45.000*
47.500*
50 BOCC-04
55
68.000*
75
93.333*
101.82*
103.64*
105.45*
107.27*
109.09*

ALLEGATI

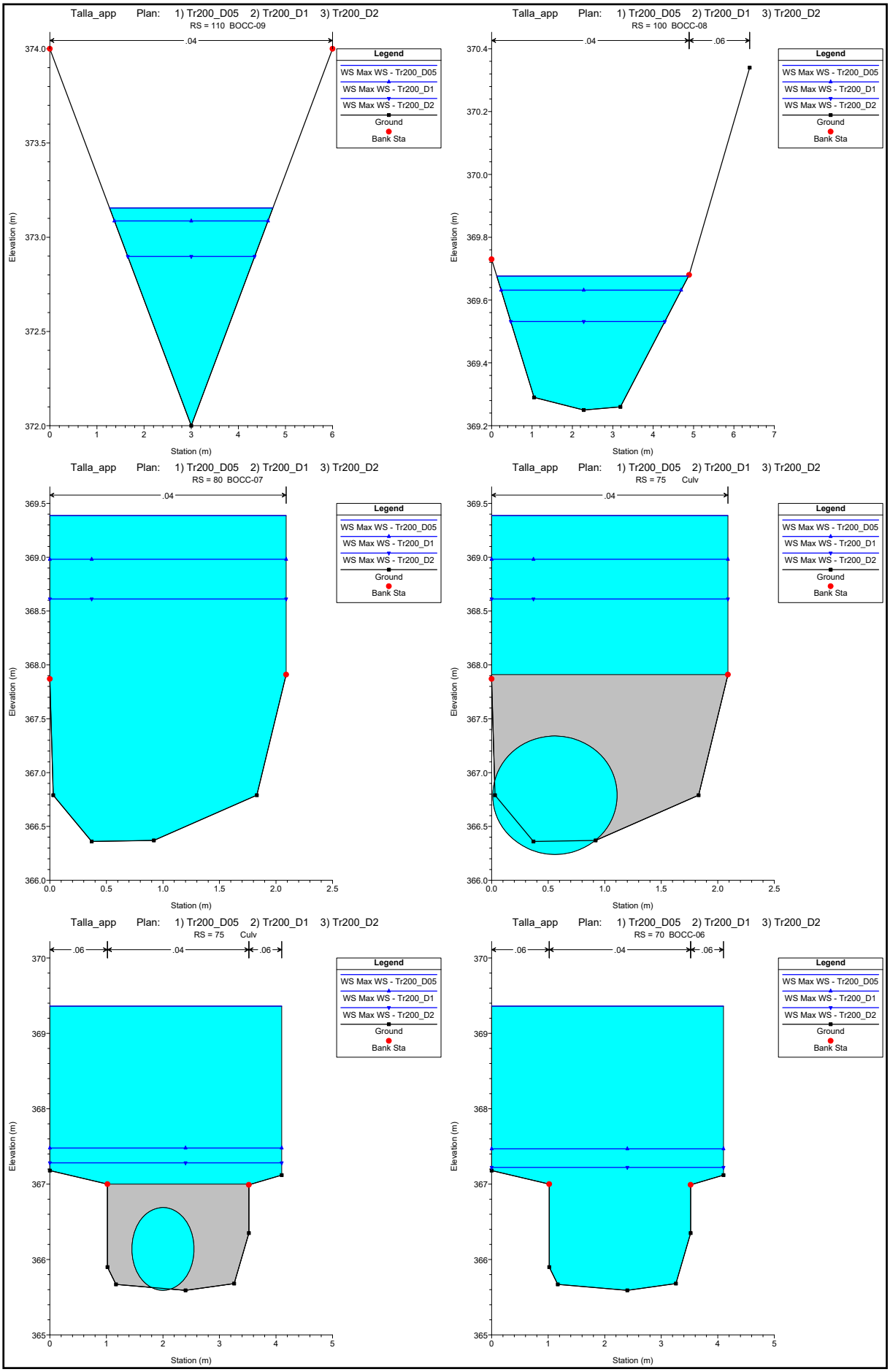
MODELLAZIONE HEC-RAS 5.0.7 "TALLA_APP"

FONTE BOCCETTI

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 0.5, 1 e 2 h

Sezioni Trasversali (da monte verso valle)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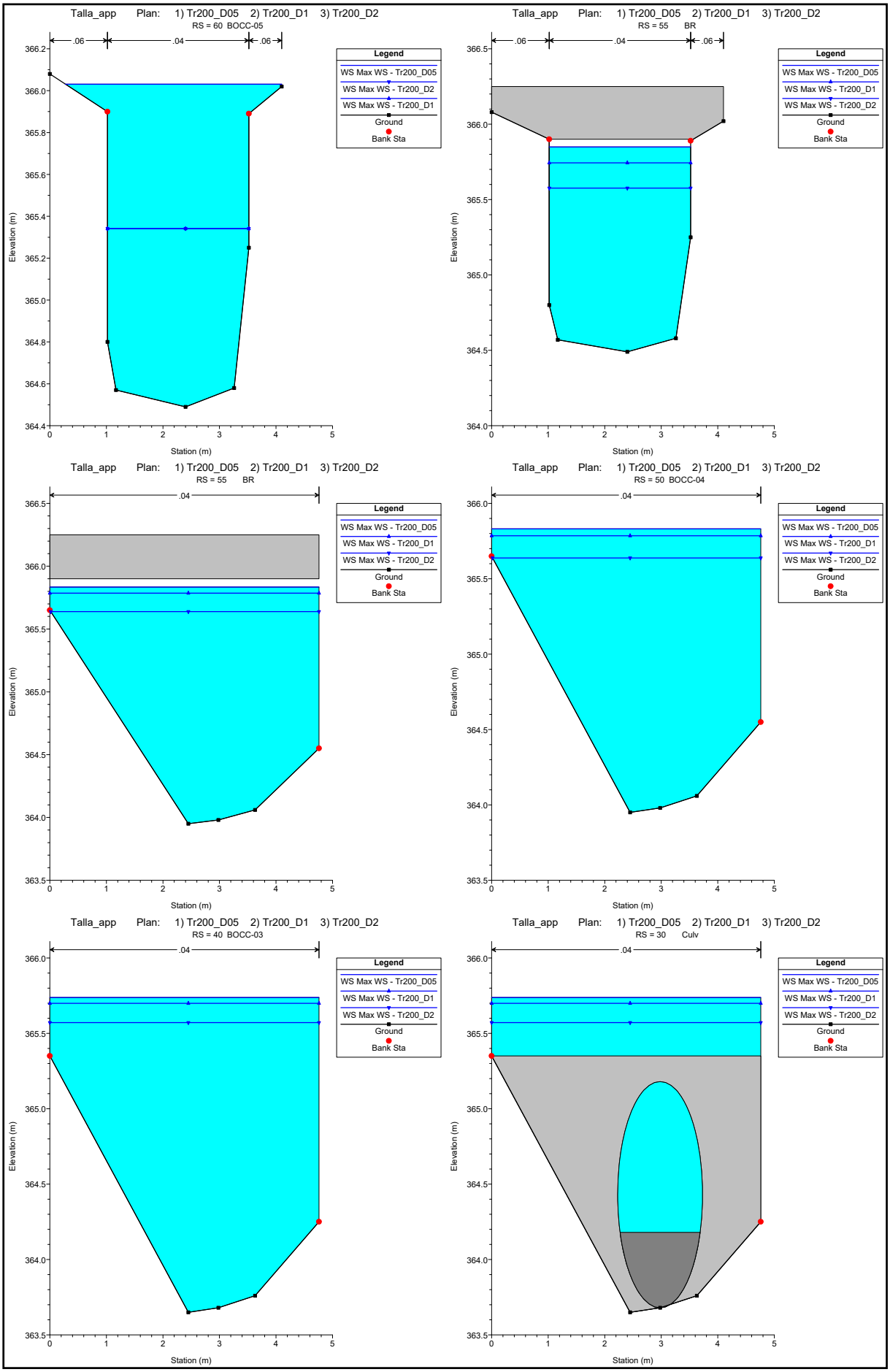
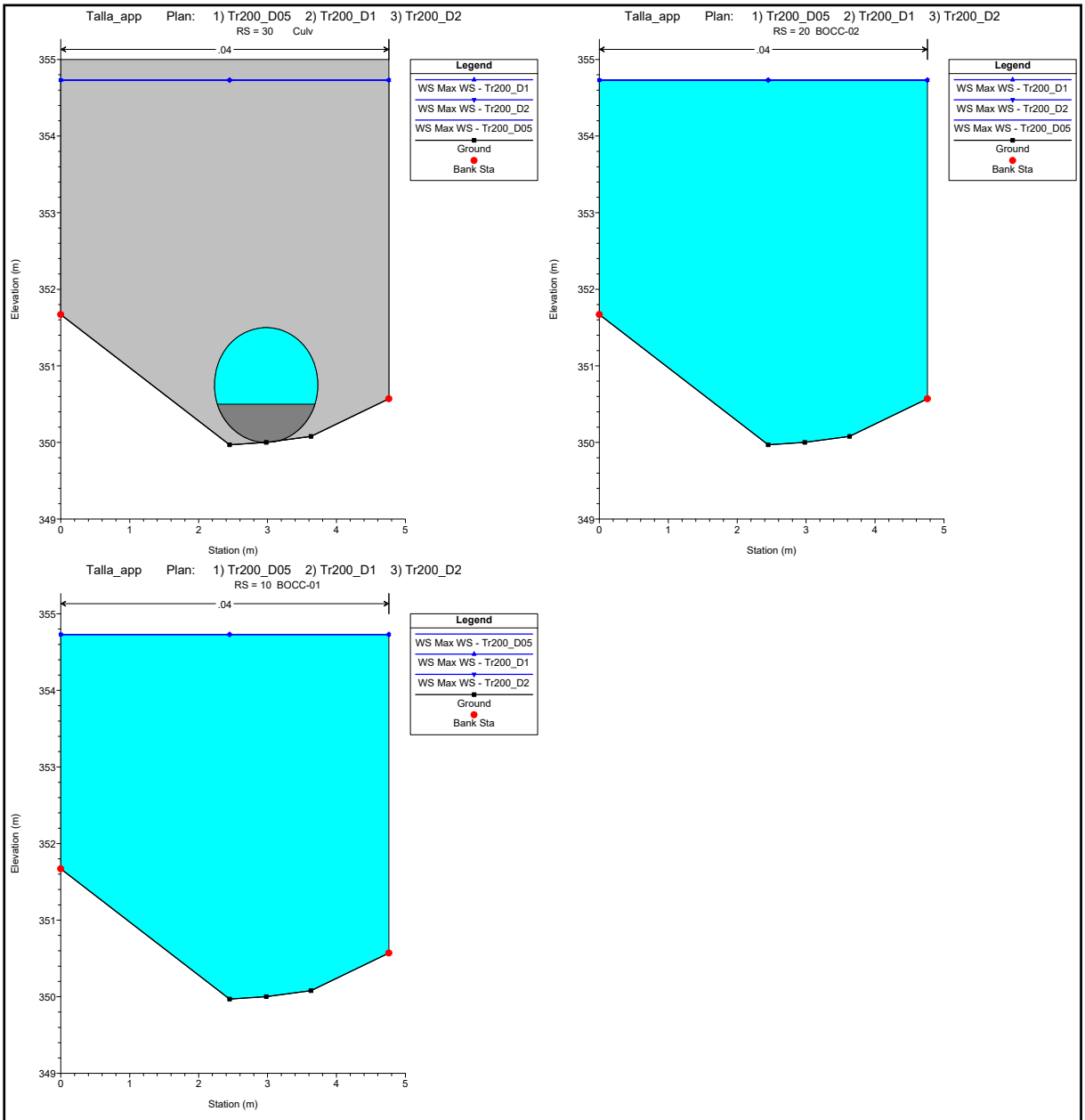
RS = 110 BOCC-09
.04
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Talla_app Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
RS = 100 BOCC-08
.04
.06
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Talla_app Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
RS = 80 BOCC-07
.04
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Talla_app Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
RS = 75 Culv
.04
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Talla_app Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
RS = 75 Culv
.06
.04
.06
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Talla_app Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
RS = 70 BOCC-06
.06
.04
.06
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Talla_app Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
RS = 60 BOCC-05
.06
.04
.06
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D2
WS Max WS - Tr200_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Talla_app Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
RS = 55 BR
.06
.04
.06
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Talla_app Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
RS = 55 BR
.04
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Talla_app Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
RS = 50 BOCC-04
.04
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Talla_app Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
RS = 40 BOCC-03
.04
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Talla_app Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
RS = 30 Culv
.04
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Talla_app Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
RS = 30 Culv
.04
Legend
WS Max WS - Tr200_D1
WS Max WS - Tr200_D2
WS Max WS - Tr200_D05
Ground
Bank Sta
Elevation (m)
Station (m)
Talla_app Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
RS = 20 BOCC-02
.04
Legend
WS Max WS - Tr200_D1
WS Max WS - Tr200_D2
WS Max WS - Tr200_D05
Ground
Bank Sta
Elevation (m)
Station (m)
Talla_app Plan: 1) Tr200_D05 2) Tr200_D1 3) Tr200_D2
RS = 10 BOCC-01
.04
Legend
WS Max WS - Tr200_D05
WS Max WS - Tr200_D1
WS Max WS - Tr200_D2
Ground
Bank Sta
Elevation (m)
Station (m)

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "TALLA_APP"

FONTE BOCCETTI

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 0.5, 1 e 2 h

Dati idraulici

HEC-RAS River: Fonte Boccetti Reach: Unico Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Unico	110	Max WS	Tr200_D05	11.70	372.00	373.16	373.65	374.90	0.145244	5.85			2.00	3.47	2.46
Unico	110	Max WS	Tr200_D1	9.90	372.00	373.09	373.55	374.68	0.144117	5.59			1.77	3.26	2.42
Unico	110	Max WS	Tr200_D2	5.90	372.00	372.90	373.26	374.11	0.141545	4.88			1.21	2.69	2.33
Unico	100	Max WS	Tr200_D05	11.83	369.25	369.68	370.23	373.26	0.586200	8.38			1.41	4.75	4.91
Unico	100	Max WS	Tr200_D1	10.00	369.25	369.63	370.14	373.14	0.650529	8.29			1.21	4.46	5.09
Unico	100	Max WS	Tr200_D2	5.92	369.25	369.53	369.92	372.38	0.746743	7.47			0.79	3.82	5.23
Unico	99			Lat Struct											
Unico	98			Lat Struct											
Unico	80	Max WS	Tr200_D05	1.70	366.36	369.39		369.39	0.000191	0.29			5.76	2.09	0.06
Unico	80	Max WS	Tr200_D1	8.02	366.36	368.98		369.12	0.006194	1.63			4.92	2.09	0.34
Unico	80	Max WS	Tr200_D2	5.58	366.36	368.61		368.71	0.004513	1.35			4.15	2.09	0.31
Unico	75			Culvert											
Unico	70	Max WS	Tr200_D05	1.70	365.59	369.36		369.36	0.000018	0.16	0.06	0.04	12.86	4.10	0.03
Unico	70	Max WS	Tr200_D1	9.37	365.59	367.47		367.67	0.007211	2.01	0.62	0.57	5.09	4.10	0.48
Unico	70	Max WS	Tr200_D2	5.58	365.59	367.22		367.32	0.004438	1.43	0.28	0.30	4.08	4.10	0.37
Unico	60	Max WS	Tr200_D05	11.17	364.49	366.03	365.84	366.51	0.022113	3.07	0.40	0.43	3.72	3.82	0.81
Unico	60	Max WS	Tr200_D1	4.09	364.49	365.34	365.23	365.58	0.018251	2.16			1.90	2.50	0.79
Unico	60	Max WS	Tr200_D2	4.28	364.49	365.34	365.25	365.60	0.019853	2.25			1.90	2.50	0.82
Unico	55			Bridge											
Unico	50	Max WS	Tr200_D05	2.94	363.95	365.83		365.84	0.000367	0.46			6.42	4.76	0.13
Unico	50	Max WS	Tr200_D1	2.81	363.95	365.79		365.80	0.000370	0.45			6.20	4.76	0.13
Unico	50	Max WS	Tr200_D2	2.39	363.95	365.64		365.65	0.000375	0.43			5.50	4.74	0.13
Unico	40	Max WS	Tr200_D05	5.19	363.65	365.74		365.76	0.000768	0.70			7.40	4.76	0.18
Unico	40	Max WS	Tr200_D1	4.85	363.65	365.70		365.72	0.000720	0.67			7.22	4.76	0.17
Unico	40	Max WS	Tr200_D2	3.87	363.65	365.57		365.59	0.000587	0.59			6.61	4.76	0.16
Unico	30			Culvert											
Unico	20	Max WS	Tr200_D05	2.02	349.97	354.73		354.73	0.000009	0.10			20.12	4.76	0.02
Unico	20	Max WS	Tr200_D1	4.85	349.97	354.73		354.73	0.000050	0.24			20.12	4.76	0.04
Unico	20	Max WS	Tr200_D2	3.87	349.97	354.73		354.73	0.000032	0.19			20.12	4.76	0.03
Unico	10	Max WS	Tr200_D05	2.02	349.97	354.73	350.53	354.73	0.000009	0.10			20.12	4.76	0.02
Unico	10	Max WS	Tr200_D1	4.85	349.97	354.73	350.82	354.73	0.000050	0.24			20.12	4.76	0.04
Unico	10	Max WS	Tr200_D2	3.86	349.97	354.73	350.73	354.73	0.000032	0.19			20.12	4.76	0.03

ALLEGATI

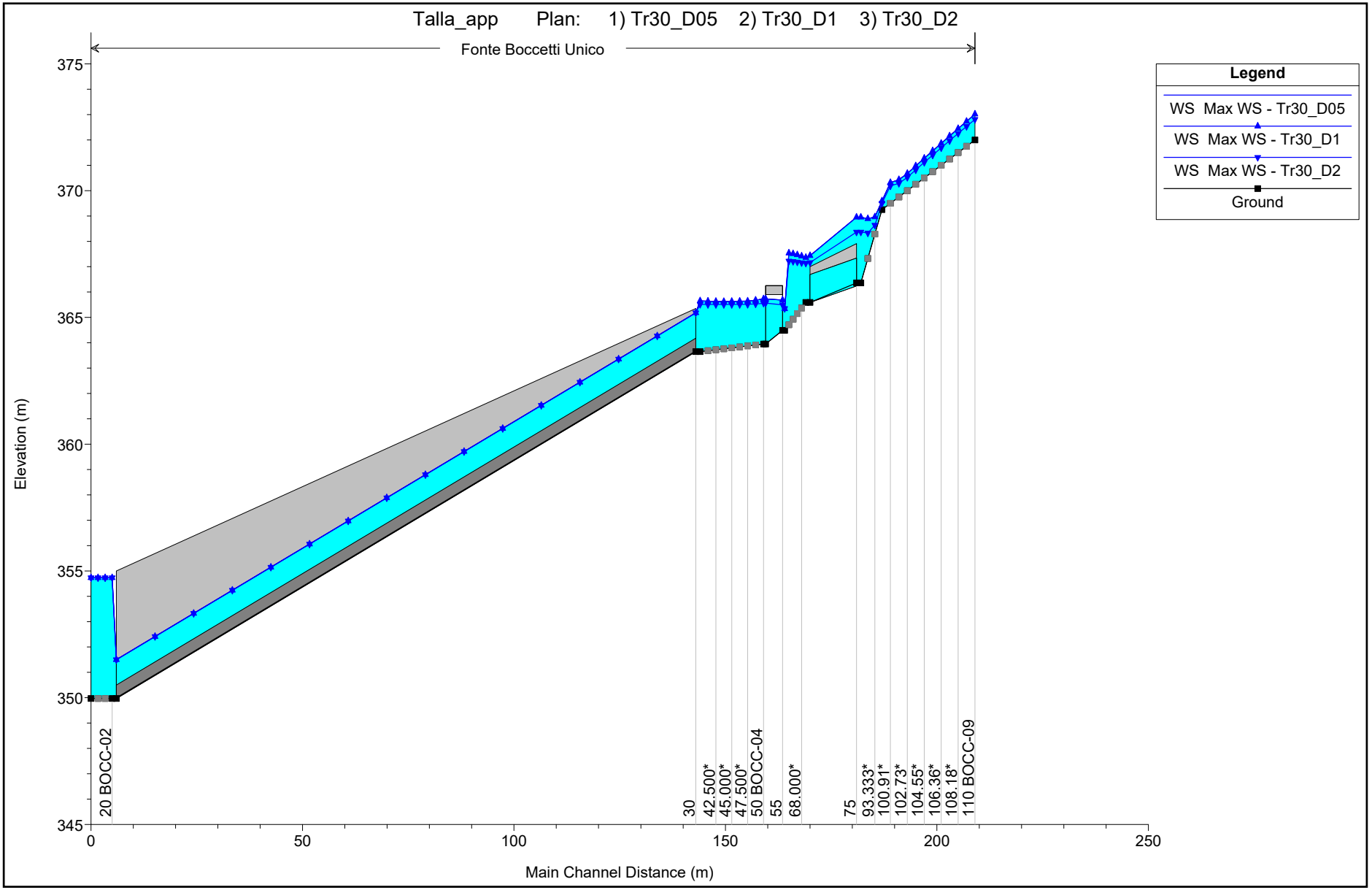
MODELLAZIONE HEC-RAS 5.0.7 "TALLA_APP"

FONTE BOCCETTI

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 0.5, 1 e 2 h

Profilo longitudinale


Talla_app Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
Fonte Boccetti Unico
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
WS Max WS - Tr30_D2
Ground
Elevation (m)
375
370
365
360
355
350
345
0
50
100
150
200
250
Main Channel Distance (m)
20 BOCC-02
30
42.500*
45.000*
47.500*
50 BOCC-04
55
68.000*
75
93.333*
100.91*
102.73*
104.55*
106.36*
108.18*
110 BOCC-09

ALLEGATI

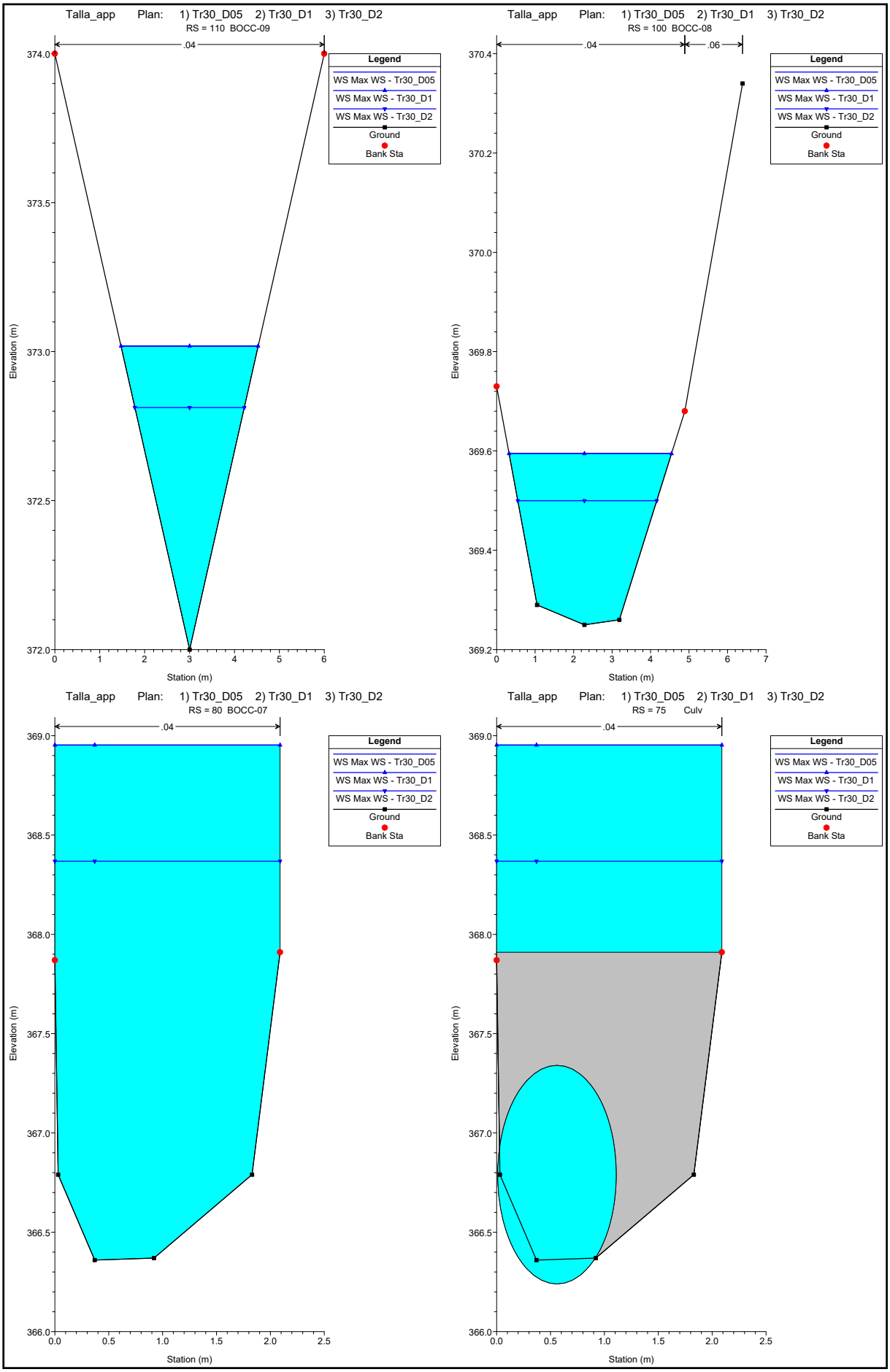
MODELLAZIONE HEC-RAS 5.0.7 "TALLA_APP"

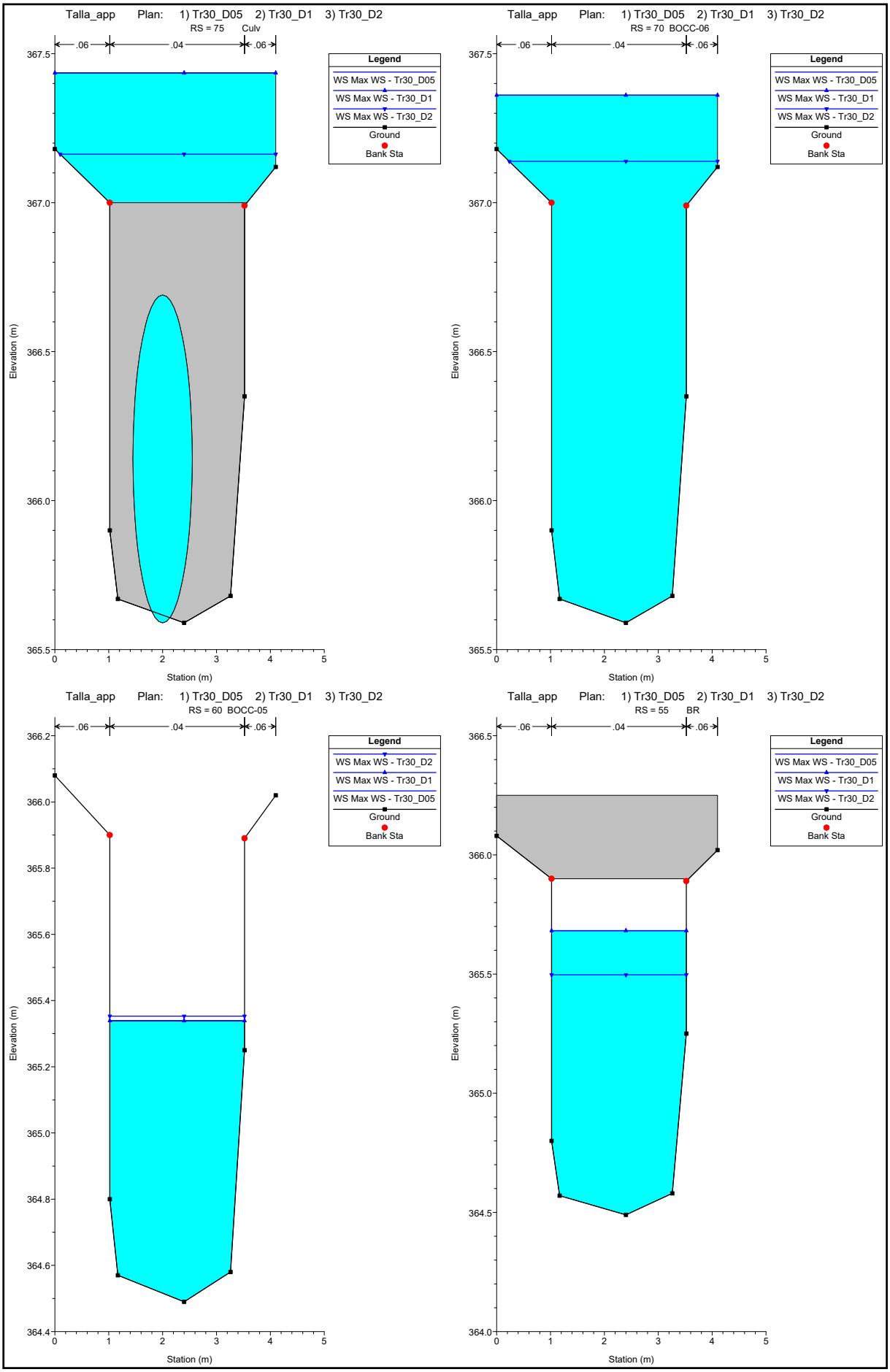
FONTE BOCCETTI

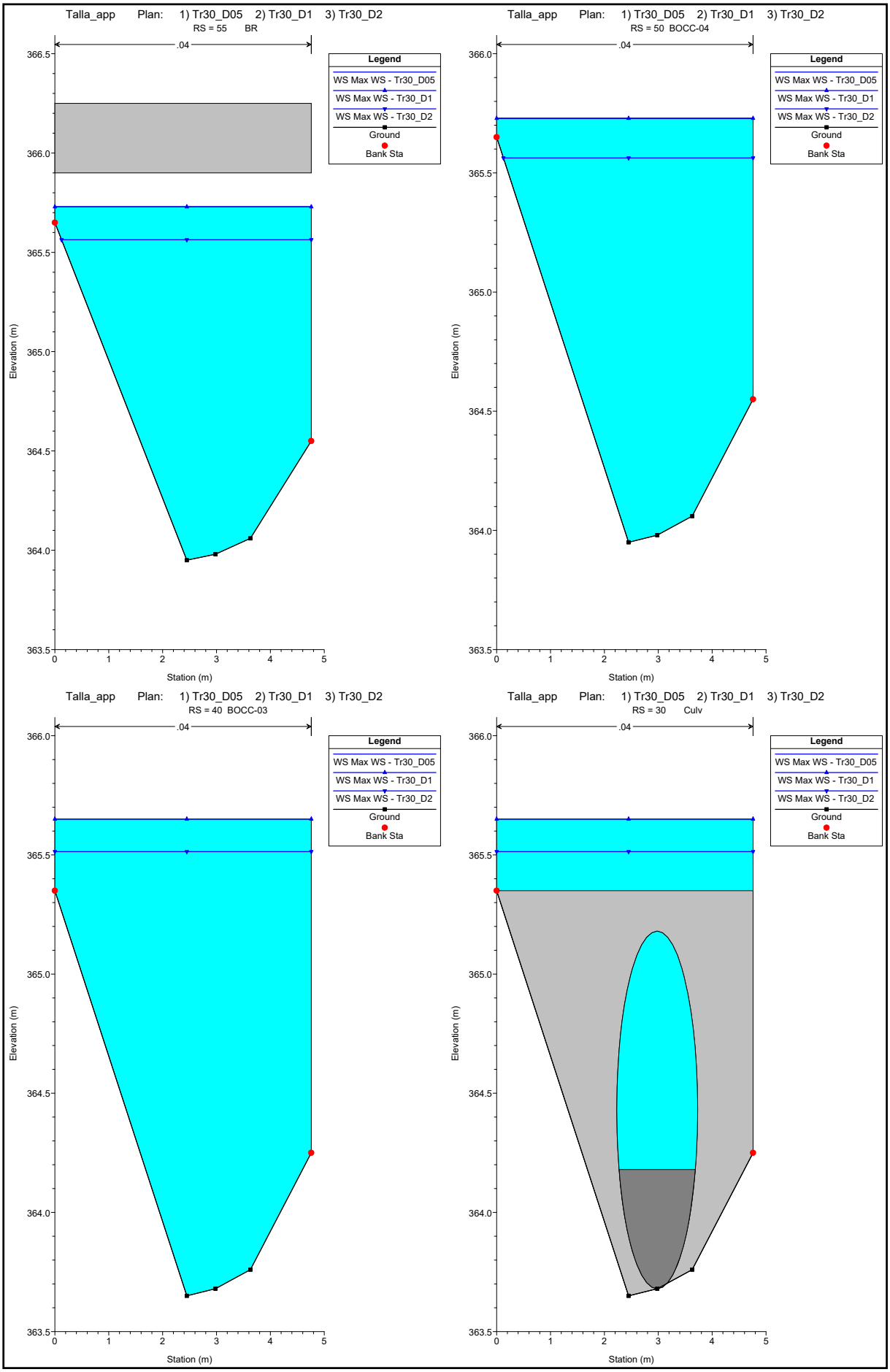
MODELLAZIONE PER TR= 30 anni

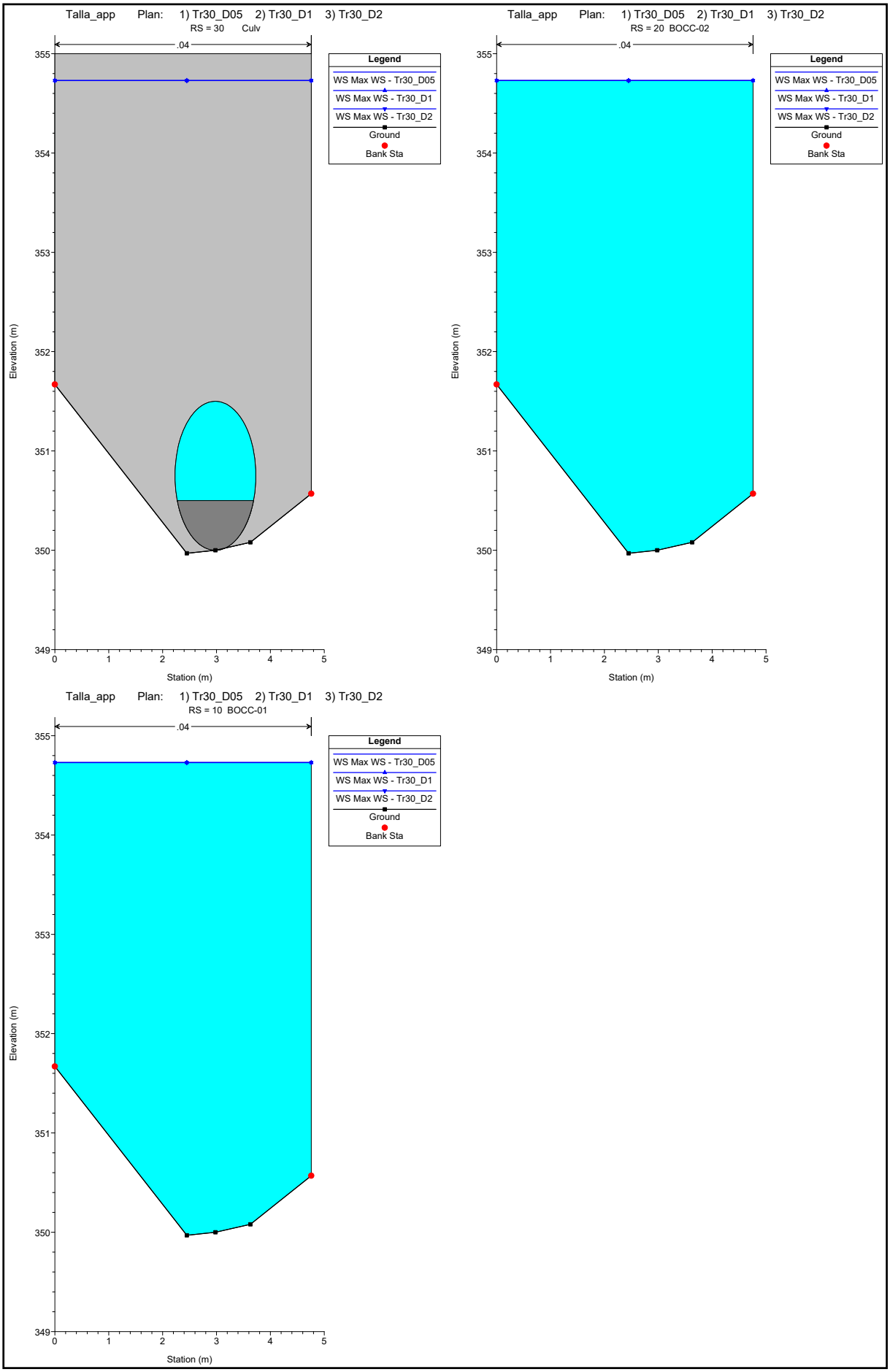
DURATE DI PIOGGIA: 0.5, 1 e 2 h

Sezioni Trasversali (da monte verso valle)


Talla_app Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
RS = 110 BOCC-09
.04
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
WS Max WS - Tr30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Talla_app Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
RS = 100 BOCC-08
.04
.06
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
WS Max WS - Tr30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Talla_app Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
RS = 80 BOCC-07
.04
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
WS Max WS - Tr30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Talla_app Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
RS = 75 Culv
.04
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
WS Max WS - Tr30_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Talla_app Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
RS = 75 Culv
.06
.04
.06
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
WS Max WS - Tr30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Talla_app Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
RS = 70 BOCC-06
Talla_app Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
RS = 60 BOCC-05
Talla_app Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
RS = 55 BR


Talla_app Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
RS = 55 BR
.04
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
WS Max WS - Tr30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Talla_app Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
RS = 50 BOCC-04
.04
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
WS Max WS - Tr30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Talla_app Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
RS = 40 BOCC-03
.04
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
WS Max WS - Tr30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Talla_app Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
RS = 30 Culv
.04
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
WS Max WS - Tr30_D2
Ground
Bank Sta
Elevation (m)
Station (m)


Talla_app Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
RS = 30 Culv
.04
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
WS Max WS - Tr30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Talla_app Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
RS = 20 BOCC-02
.04
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
WS Max WS - Tr30_D2
Ground
Bank Sta
Elevation (m)
Station (m)
Talla_app Plan: 1) Tr30_D05 2) Tr30_D1 3) Tr30_D2
RS = 10 BOCC-01
.04
Legend
WS Max WS - Tr30_D05
WS Max WS - Tr30_D1
WS Max WS - Tr30_D2
Ground
Bank Sta
Elevation (m)
Station (m)

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "TALLA_APP"

FONTE BOCCETTI

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 0.5, 1 e 2 h

Dati idraulici

HEC-RAS River: Fonte Boccetti Reach: Unico Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Unico	110	Max WS	Tr30_D05	8.30	372.00	373.02	373.44	374.47	0.142976	5.33			1.56	3.06	2.39
Unico	110	Max WS	Tr30_D1	8.30	372.00	373.02	373.44	374.47	0.142976	5.33			1.56	3.06	2.39
Unico	110	Max WS	Tr30_D2	4.50	372.00	372.81	373.13	373.87	0.140287	4.54			0.99	2.44	2.28
Unico	100	Max WS	Tr30_D05	8.39	369.25	369.59	370.06	372.88	0.683307	8.02			1.05	4.22	5.15
Unico	100	Max WS	Tr30_D1	8.39	369.25	369.59	370.06	372.88	0.683307	8.02			1.05	4.22	5.15
Unico	100	Max WS	Tr30_D2	4.50	369.25	369.50	369.83	371.77	0.683798	6.67			0.67	3.61	4.93
Unico	99			Lat Struct											
Unico	98			Lat Struct											
Unico	80	Max WS	Tr30_D05	7.52	366.36	368.95		369.08	0.005613	1.55			4.86	2.09	0.32
Unico	80	Max WS	Tr30_D1	7.52	366.36	368.95		369.08	0.005613	1.55			4.86	2.09	0.32
Unico	80	Max WS	Tr30_D2	4.38	366.36	368.37		368.44	0.003828	1.20			3.63	2.09	0.29
Unico	75			Culvert											
Unico	70	Max WS	Tr30_D05	7.51	365.59	367.36		367.51	0.005831	1.74	0.47	0.45	4.65	4.10	0.43
Unico	70	Max WS	Tr30_D1	7.51	365.59	367.36		367.51	0.005831	1.74	0.47	0.45	4.65	4.10	0.43
Unico	70	Max WS	Tr30_D2	4.29	365.59	367.14		367.21	0.003206	1.17	0.16	0.17	3.75	3.87	0.31
Unico	60	Max WS	Tr30_D05	4.11	364.49	365.34	365.23	365.58	0.018516	2.17			1.90	2.50	0.80
Unico	60	Max WS	Tr30_D1	4.11	364.49	365.34	365.23	365.58	0.018516	2.17			1.90	2.50	0.80
Unico	60	Max WS	Tr30_D2	4.09	364.49	365.35	365.23	365.58	0.017374	2.12			1.93	2.50	0.77
Unico	55			Bridge											
Unico	50	Max WS	Tr30_D05	2.65	363.95	365.73		365.74	0.000373	0.45			5.93	4.76	0.13
Unico	50	Max WS	Tr30_D1	2.65	363.95	365.73		365.74	0.000373	0.45			5.93	4.76	0.13
Unico	50	Max WS	Tr30_D2	2.18	363.95	365.56		365.57	0.000372	0.42			5.15	4.63	0.13
Unico	40	Max WS	Tr30_D05	4.47	363.65	365.65		365.67	0.000671	0.64			6.99	4.76	0.17
Unico	40	Max WS	Tr30_D1	4.47	363.65	365.65		365.67	0.000671	0.64			6.99	4.76	0.17
Unico	40	Max WS	Tr30_D2	3.46	363.65	365.51		365.53	0.000529	0.55			6.33	4.76	0.15
Unico	30			Culvert											
Unico	20	Max WS	Tr30_D05	2.02	349.97	354.73		354.73	0.000009	0.10			20.12	4.76	0.02
Unico	20	Max WS	Tr30_D1	2.02	349.97	354.73		354.73	0.000009	0.10			20.12	4.76	0.02
Unico	20	Max WS	Tr30_D2	3.40	349.97	354.73		354.73	0.000025	0.17			20.12	4.76	0.03
Unico	10	Max WS	Tr30_D05	2.02	349.97	354.73	350.53	354.73	0.000009	0.10			20.12	4.76	0.02
Unico	10	Max WS	Tr30_D1	2.02	349.97	354.73	350.53	354.73	0.000009	0.10			20.12	4.76	0.02
Unico	10	Max WS	Tr30_D2	3.39	349.97	354.73	350.69	354.73	0.000024	0.17			20.12	4.76	0.03

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "TALLA APP"

TALLA

MODELLAZIONE PER TR=30 e 200 ANNI

DURATA DI PIOGGIA: 1 e 3h

Profilo longitudinale

Sezioni Trasversali

Dati idraulici

ALLEGATI

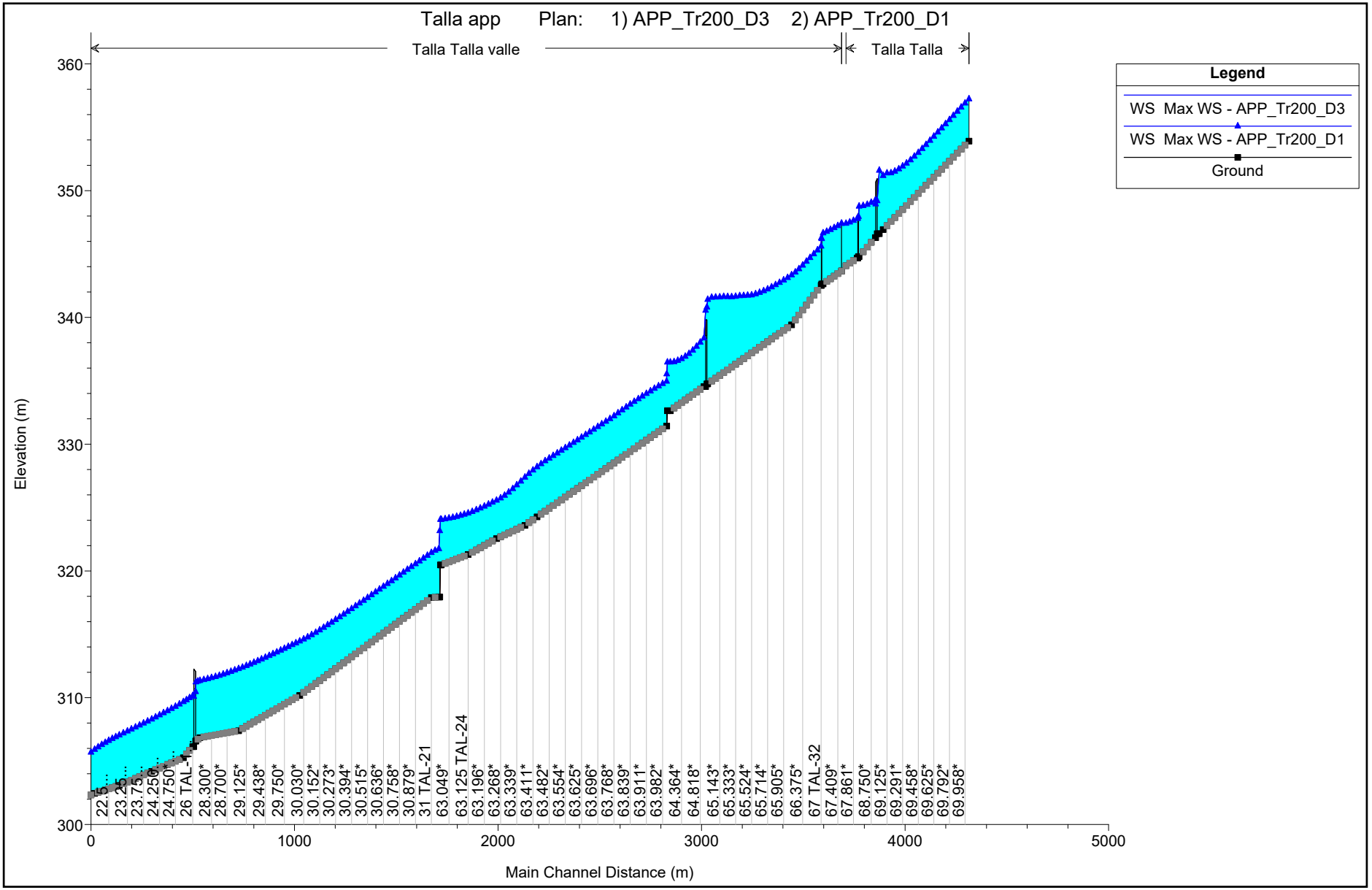
MODELLAZIONE HEC-RAS 5.0.7 "TALLA APP"

TALLA

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 1 e 3h

Profilo longitudinale


Talla app Plan: 1) APP_Tr200_D3 2) APP_Tr200_D1
Talla Talla valle
Talla Talla
Legend
WS Max WS - APP_Tr200_D3
WS Max WS - APP_Tr200_D1
Ground
Elevation (m)
Main Channel Distance (m)
360
350
340
330
320
310
300
0
1000
2000
3000
4000
5000
22.5...
23.25...
23.75...
24.25...
24.750*
26 TAL-
28.300*
28.700*
29.125*
29.438*
29.750*
30.030*
30.152*
30.273*
30.394*
30.515*
30.636*
30.758*
30.879*
31 TAL-21
63.049*
63.125 TAL-24
63.196*
63.268*
63.339*
63.411*
63.482*
63.554*
63.625*
63.696*
63.768*
63.839*
63.911*
63.982*
64.364*
64.818*
65.143*
65.333*
65.524*
65.714*
65.905*
66.375*
67 TAL-32
67.409*
67.861*
68.750*
69.125*
69.291*
69.458*
69.625*
69.792*
69.958*

ALLEGATI

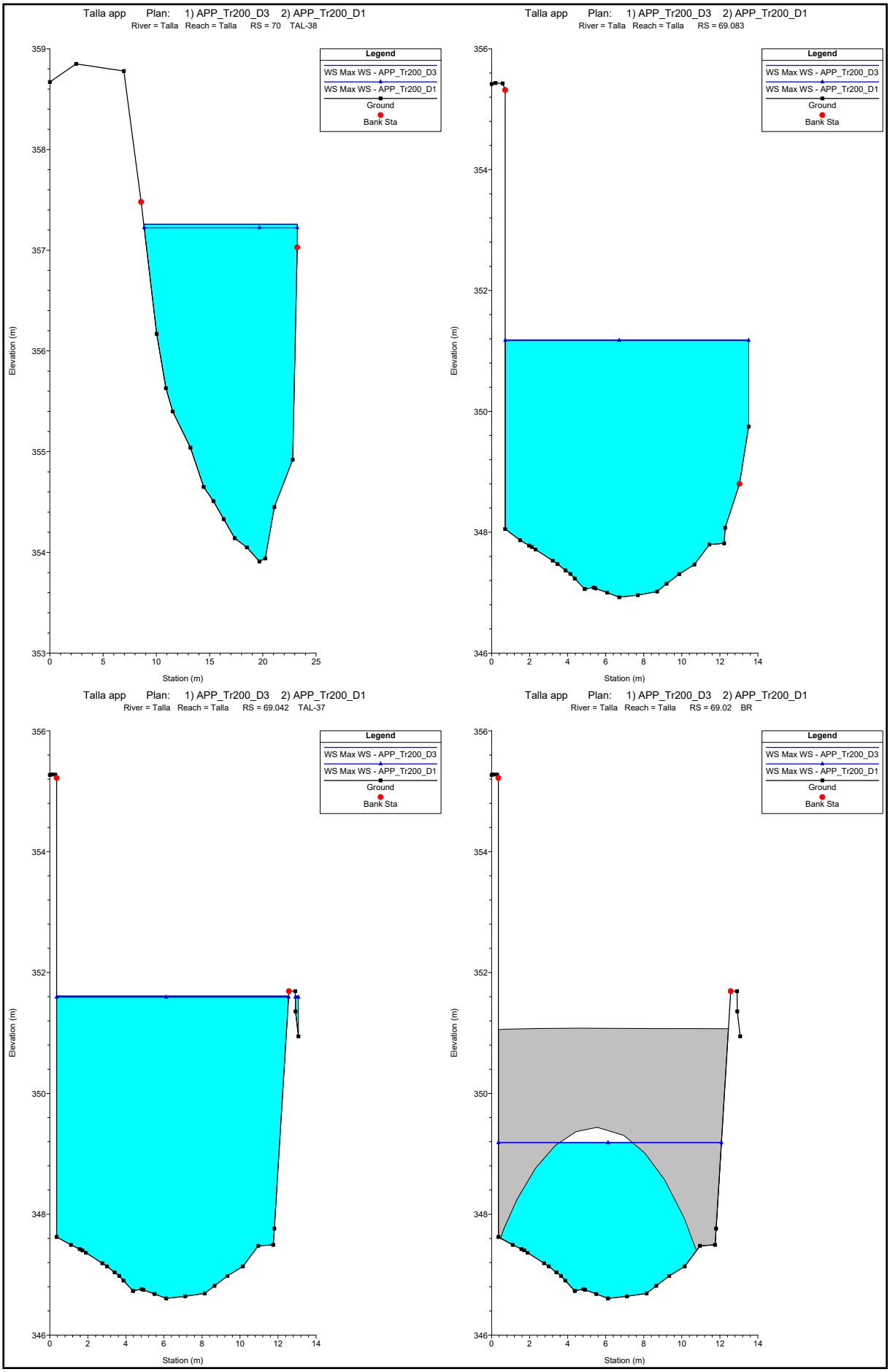
MODELLAZIONE HEC-RAS 5.0.7 "TALLA APP"

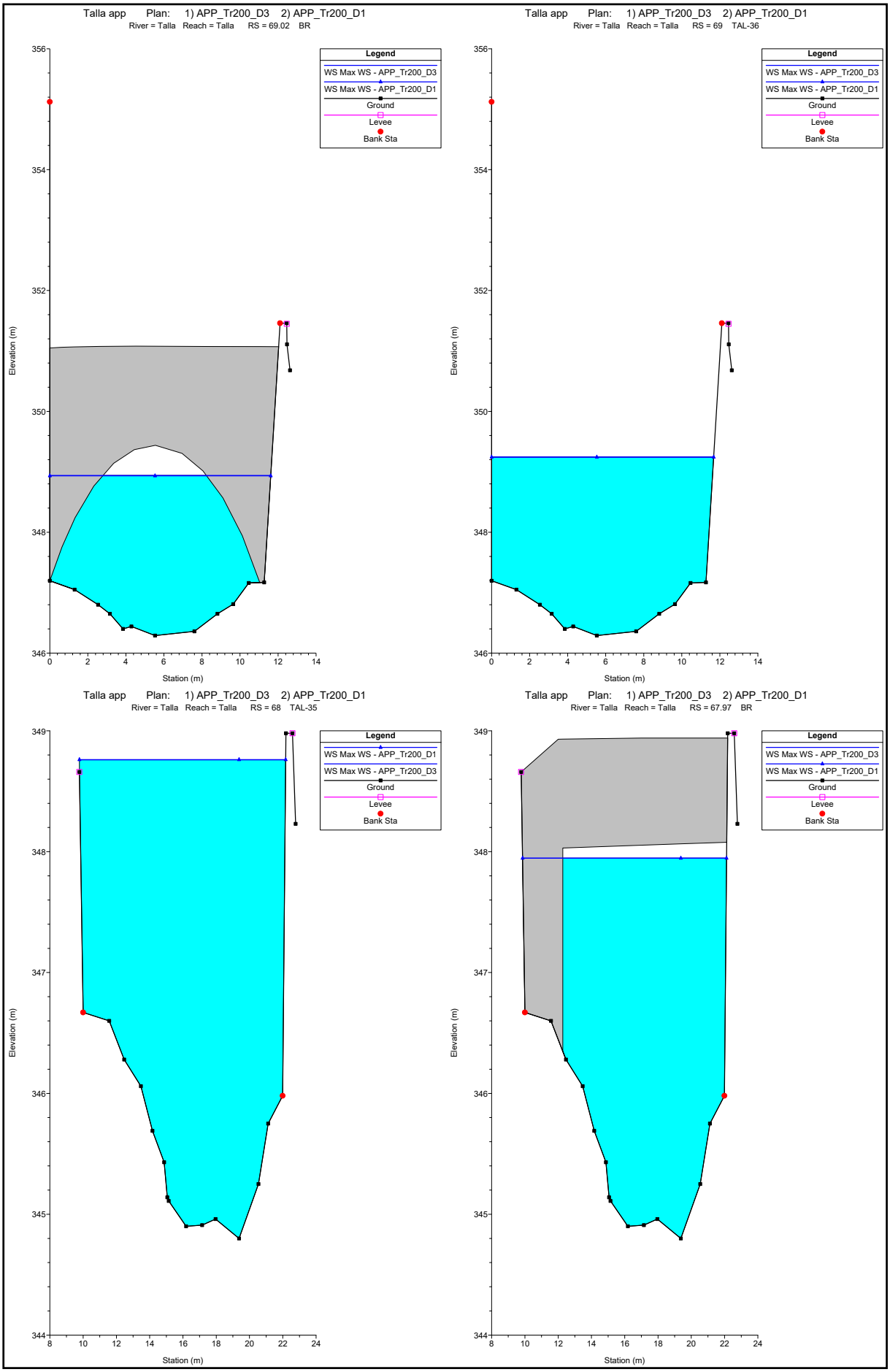
TALLA

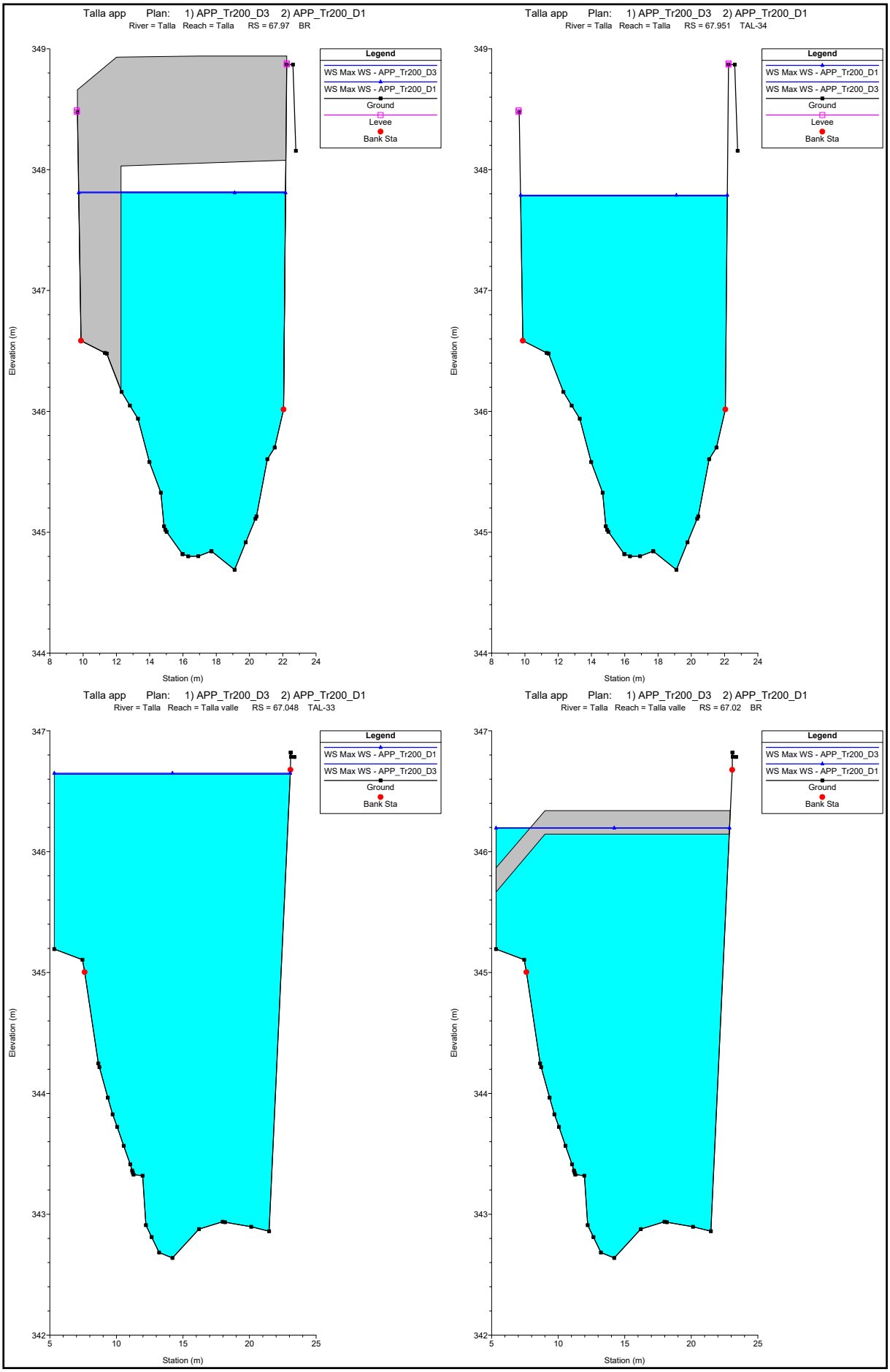
MODELLAZIONE PER TR= 200 anni

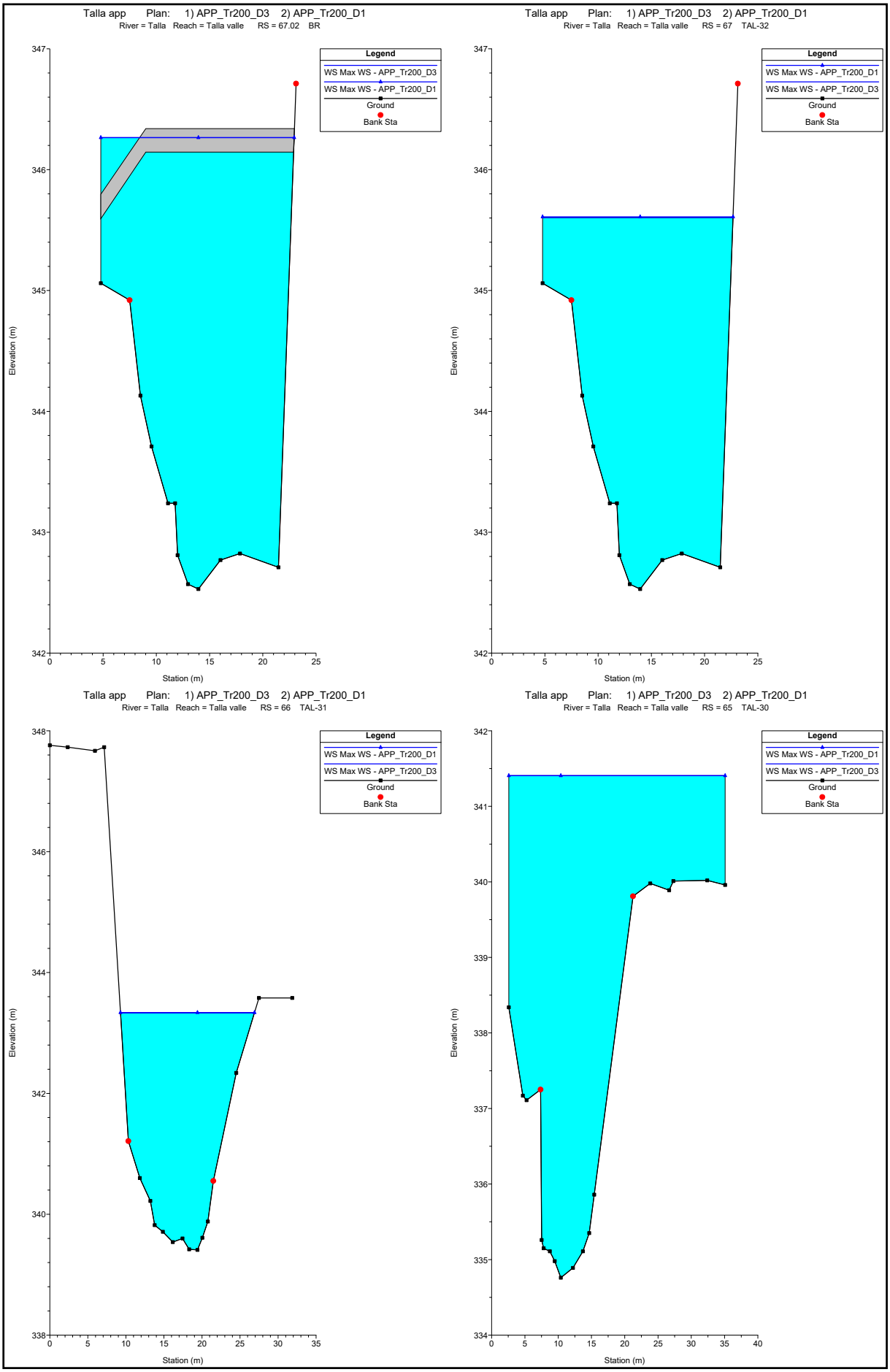
DURATE DI PIOGGIA: 1 e 3h

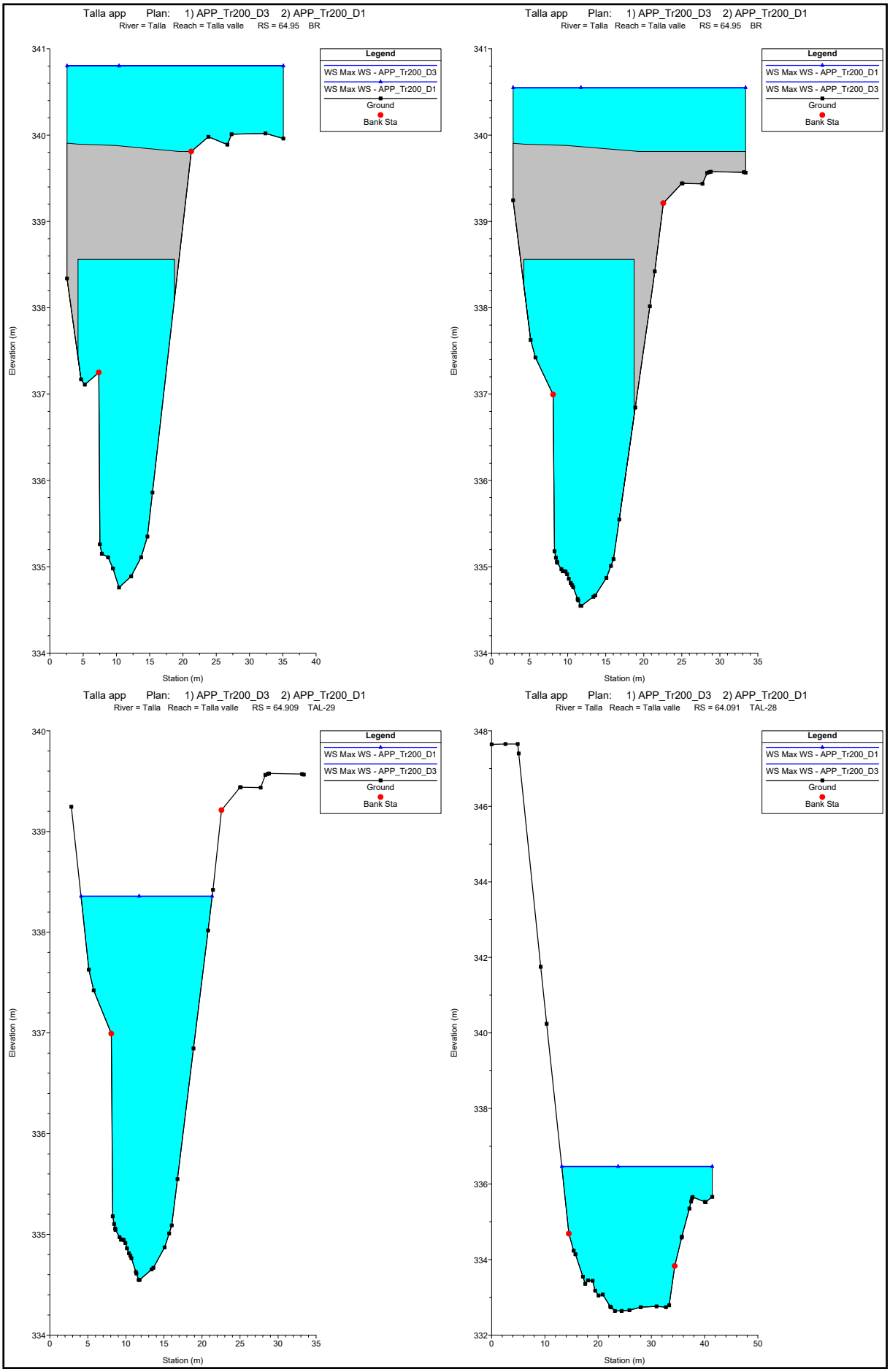
Sezioni Trasversali (da monte verso valle)

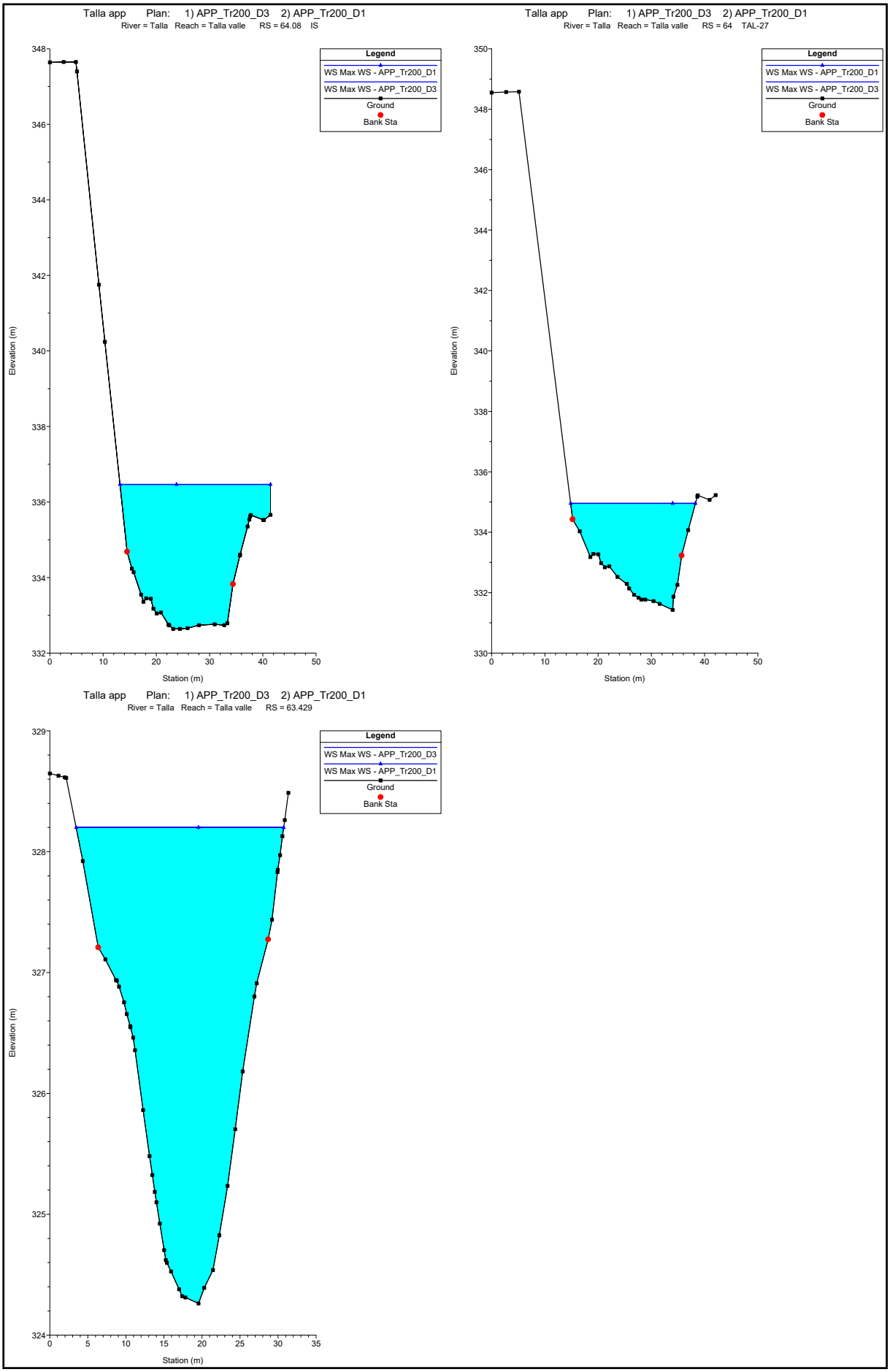

Talla app Plan: 1) APP_Tr200_D3 2) APP_Tr200_D1
River = Talla Reach = Talla RS = 70 TAL-38
Legend
WS Max WS - APP_Tr200_D3
WS Max WS - APP_Tr200_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Talla app Plan: 1) APP_Tr200_D3 2) APP_Tr200_D1
River = Talla Reach = Talla RS = 69.083
Legend
WS Max WS - APP_Tr200_D3
WS Max WS - APP_Tr200_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Talla app Plan: 1) APP_Tr200_D3 2) APP_Tr200_D1
River = Talla Reach = Talla RS = 69.042 TAL-37
Legend
WS Max WS - APP_Tr200_D3
WS Max WS - APP_Tr200_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Talla app Plan: 1) APP_Tr200_D3 2) APP_Tr200_D1
River = Talla Reach = Talla RS = 69.02 BR
Legend
WS Max WS - APP_Tr200_D3
WS Max WS - APP_Tr200_D1
Ground
Bank Sta
Elevation (m)
Station (m)


Talla app Plan: 1) APP_Tr200_D3 2) APP_Tr200_D1
River = Talla Reach = Talla RS = 69.02 BR
Legend
WS Max WS - APP_Tr200_D3
WS Max WS - APP_Tr200_D1
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Talla app Plan: 1) APP_Tr200_D3 2) APP_Tr200_D1
River = Talla Reach = Talla RS = 69 TAL-36
Legend
WS Max WS - APP_Tr200_D3
WS Max WS - APP_Tr200_D1
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Talla app Plan: 1) APP_Tr200_D3 2) APP_Tr200_D1
River = Talla Reach = Talla RS = 68 TAL-35
Legend
WS Max WS - APP_Tr200_D1
WS Max WS - APP_Tr200_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Talla app Plan: 1) APP_Tr200_D3 2) APP_Tr200_D1
River = Talla Reach = Talla RS = 67.97 BR
Legend
WS Max WS - APP_Tr200_D3
WS Max WS - APP_Tr200_D1
Ground
Levee
Bank Sta
Elevation (m)
Station (m)


Talla app Plan: 1) APP_Tr200_D3 2) APP_Tr200_D1
River = Talla Reach = Talla RS = 67.97 BR
Legend
WS Max WS - APP_Tr200_D3
WS Max WS - APP_Tr200_D1
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Talla app Plan: 1) APP_Tr200_D3 2) APP_Tr200_D1
River = Talla Reach = Talla RS = 67.951 TAL-34
Legend
WS Max WS - APP_Tr200_D1
WS Max WS - APP_Tr200_D3
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Talla app Plan: 1) APP_Tr200_D3 2) APP_Tr200_D1
River = Talla Reach = Talla valle RS = 67.048 TAL-33
Legend
WS Max WS - APP_Tr200_D1
WS Max WS - APP_Tr200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Talla app Plan: 1) APP_Tr200_D3 2) APP_Tr200_D1
River = Talla Reach = Talla valle RS = 67.02 BR
Legend
WS Max WS - APP_Tr200_D3
WS Max WS - APP_Tr200_D1
Ground
Bank Sta
Elevation (m)
Station (m)


Talla app Plan: 1) APP_Tr200_D3 2) APP_Tr200_D1
River = Talla Reach = Talla valle RS = 67.02 BR
Legend
WS Max WS - APP_Tr200_D3
WS Max WS - APP_Tr200_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Talla app Plan: 1) APP_Tr200_D3 2) APP_Tr200_D1
River = Talla Reach = Talla valle RS = 67 TAL-32
Legend
WS Max WS - APP_Tr200_D1
WS Max WS - APP_Tr200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Talla app Plan: 1) APP_Tr200_D3 2) APP_Tr200_D1
River = Talla Reach = Talla valle RS = 66 TAL-31
Legend
WS Max WS - APP_Tr200_D1
WS Max WS - APP_Tr200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Talla app Plan: 1) APP_Tr200_D3 2) APP_Tr200_D1
River = Talla Reach = Talla valle RS = 65 TAL-30
Legend
WS Max WS - APP_Tr200_D1
WS Max WS - APP_Tr200_D3
Ground
Bank Sta
Elevation (m)
Station (m)


Talla app Plan: 1) APP_Tr200_D3 2) APP_Tr200_D1
River = Talla Reach = Talla valle RS = 64.95 BR
Legend
WS Max WS - APP_Tr200_D3
WS Max WS - APP_Tr200_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Talla app Plan: 1) APP_Tr200_D3 2) APP_Tr200_D1
River = Talla Reach = Talla valle RS = 64.95 BR
Legend
WS Max WS - APP_Tr200_D1
WS Max WS - APP_Tr200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Talla app Plan: 1) APP_Tr200_D3 2) APP_Tr200_D1
River = Talla Reach = Talla valle RS = 64.909 TAL-29
Legend
WS Max WS - APP_Tr200_D1
WS Max WS - APP_Tr200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Talla app Plan: 1) APP_Tr200_D3 2) APP_Tr200_D1
River = Talla Reach = Talla valle RS = 64.091 TAL-28
Legend
WS Max WS - APP_Tr200_D1
WS Max WS - APP_Tr200_D3
Ground
Bank Sta
Elevation (m)
Station (m)


Talla app Plan: 1) APP_Tr200_D3 2) APP_Tr200_D1
River = Talla Reach = Talla valle RS = 64.08 IS
Legend
WS Max WS - APP_Tr200_D1
WS Max WS - APP_Tr200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Talla app Plan: 1) APP_Tr200_D3 2) APP_Tr200_D1
River = Talla Reach = Talla valle RS = 64 TAL-27
Legend
WS Max WS - APP_Tr200_D1
WS Max WS - APP_Tr200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Talla app Plan: 1) APP_Tr200_D3 2) APP_Tr200_D1
River = Talla Reach = Talla valle RS = 63.429
Legend
WS Max WS - APP_Tr200_D3
WS Max WS - APP_Tr200_D1
Ground
Bank Sta
Elevation (m)
Station (m)

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "TALLA APP"

TALLA

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 1 e 3h

Dati idraulici

HEC-RAS Locations: User Defined Profile: Max WS

River	Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
					(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Talla	Talla	70	Max WS	APP_Tr200_D3	209.90	353.91	357.26	357.64	359.14	0.018026	6.07			34.55	14.41	1.25
Talla	Talla	70	Max WS	APP_Tr200_D1	205.18	353.91	357.22	357.61	359.07	0.017916	6.02			34.08	14.38	1.25
Talla	Talla	69.99			Lat Struct											
Talla	Talla	69.55			Lat Struct											
Talla	Talla	69.24			Lat Struct											
Talla	Talla	69.083	Max WS	APP_Tr200_D3	182.22	346.92	351.18		351.97	0.004647	3.92		0.58	47.23	12.80	0.65
Talla	Talla	69.083	Max WS	APP_Tr200_D1	178.12	346.92	351.17		351.93	0.004472	3.84		0.57	47.12	12.80	0.63
Talla	Talla	69.042	Max WS	APP_Tr200_D3	127.24	346.61	351.61	349.35	351.89	0.001789	2.36		0.10	54.04	12.36	0.36
Talla	Talla	69.042	Max WS	APP_Tr200_D1	126.84	346.61	351.59	349.34	351.88	0.001797	2.36		0.10	53.83	12.36	0.36
Talla	Talla	69.02			Bridge											
Talla	Talla	69	Max WS	APP_Tr200_D3	127.23	346.29	349.24		350.21	0.010045	4.35			29.27	11.68	0.88
Talla	Talla	69	Max WS	APP_Tr200_D1	126.82	346.29	349.24		350.20	0.009992	4.33			29.26	11.68	0.87
Talla	Talla	68.99			Lat Struct											
Talla	Talla	68.98			Lat Struct											
Talla	Talla	68	Max WS	APP_Tr200_D3	127.74	344.80	348.76	347.84	349.33	0.003146	3.34	0.22	0.19	38.72	12.40	0.60
Talla	Talla	68	Max WS	APP_Tr200_D1	127.77	344.80	348.76	347.84	349.33	0.003145	3.34	0.22	0.19	38.72	12.40	0.60
Talla	Talla	67.97			Bridge											
Talla	Talla	67.951	Max WS	APP_Tr200_D3	127.74	344.69	347.78	347.70	348.82	0.008764	4.52	0.26	0.24	28.46	12.42	0.95
Talla	Talla	67.951	Max WS	APP_Tr200_D1	127.77	344.69	347.79	347.70	348.82	0.008699	4.51	0.26	0.24	28.53	12.42	0.94
Talla	Talla	67.950			Lat Struct											
Talla	Talla	67.94			Lat Struct											
Talla	Talla valle	67.499			Lat Struct											
Talla	Talla valle	67.49			Lat Struct											
Talla	Talla valle	67.137			Lat Struct											
Talla	Talla valle	67.048	Max WS	APP_Tr200_D3	221.32	342.64	346.64	346.08	347.55	0.005790	4.26	1.19		54.47	17.73	0.75
Talla	Talla valle	67.048	Max WS	APP_Tr200_D1	221.88	342.64	346.65	346.09	347.56	0.005780	4.26	1.19		54.59	17.73	0.75
Talla	Talla valle	67.02			Bridge											
Talla	Talla valle	67	Max WS	APP_Tr200_D3	221.32	342.53	345.60	345.94	347.34	0.015652	5.86	1.33		39.07	17.88	1.19
Talla	Talla valle	67	Max WS	APP_Tr200_D1	221.88	342.53	345.61	345.95	347.34	0.015613	5.86	1.34		39.17	17.88	1.19
Talla	Talla valle	66.99			Lat Struct											
Talla	Talla valle	66	Max WS	APP_Tr200_D3	264.93	339.41	343.33	343.92	345.44	0.011270	6.60	1.06	1.91	45.95	17.60	1.14
Talla	Talla valle	66	Max WS	APP_Tr200_D1	266.02	339.41	343.34	343.93	345.45	0.011299	6.61	1.06	1.92	46.04	17.62	1.14
Talla	Talla valle	65.904			Lat Struct											
Talla	Talla valle	65	Max WS	APP_Tr200_D3	250.73	334.76	341.41	339.25	341.79	0.001600	2.96	1.17	0.79	110.69	32.51	0.42
Talla	Talla valle	65	Max WS	APP_Tr200_D1	250.94	334.76	341.41	339.25	341.79	0.001601	2.96	1.17	0.79	110.73	32.51	0.42
Talla	Talla valle	64.95			Bridge											
Talla	Talla valle	64.909	Max WS	APP_Tr200_D3	250.68	334.55	338.36	338.93	340.54	0.017645	6.63	1.96		40.34	17.25	1.27
Talla	Talla valle	64.909	Max WS	APP_Tr200_D1	250.88	334.55	338.36	338.93	340.54	0.017649	6.63	1.96		40.36	17.25	1.27
Talla	Talla valle	64.9			Lat Struct											
Talla	Talla valle	64.091	Max WS	APP_Tr200_D3	244.14	332.64	336.46	335.53	337.05	0.003011	3.46	0.60	0.96	78.02	28.26	0.60
Talla	Talla valle	64.091	Max WS	APP_Tr200_D1	244.21	332.64	336.46	335.53	337.05	0.003011	3.46	0.60	0.96	78.04	28.26	0.60
Talla	Talla valle	64.08			Inl Struct											
Talla	Talla valle	64	Max WS	APP_Tr200_D3	244.14	331.43	334.95	334.94	336.11	0.009246	4.80	0.46	1.27	52.60	23.44	0.98
Talla	Talla valle	64	Max WS	APP_Tr200_D1	244.21	331.43	334.95	334.94	336.12	0.009248	4.80	0.46	1.27	52.61	23.44	0.98
Talla	Talla valle	63.97			Lat Struct											
Talla	Talla valle	63.731			Lat Struct											
Talla	Talla valle	63.429	Max WS	APP_Tr200_D3	334.12	324.26	328.20	328.51	329.90	0.012439	5.79	1.11	1.07	59.63	27.31	1.16
Talla	Talla valle	63.429	Max WS	APP_Tr200_D1	333.57	324.26	328.20	328.51	329.90	0.012443	5.79	1.11	1.07	59.56	27.30	1.16

ALLEGATI

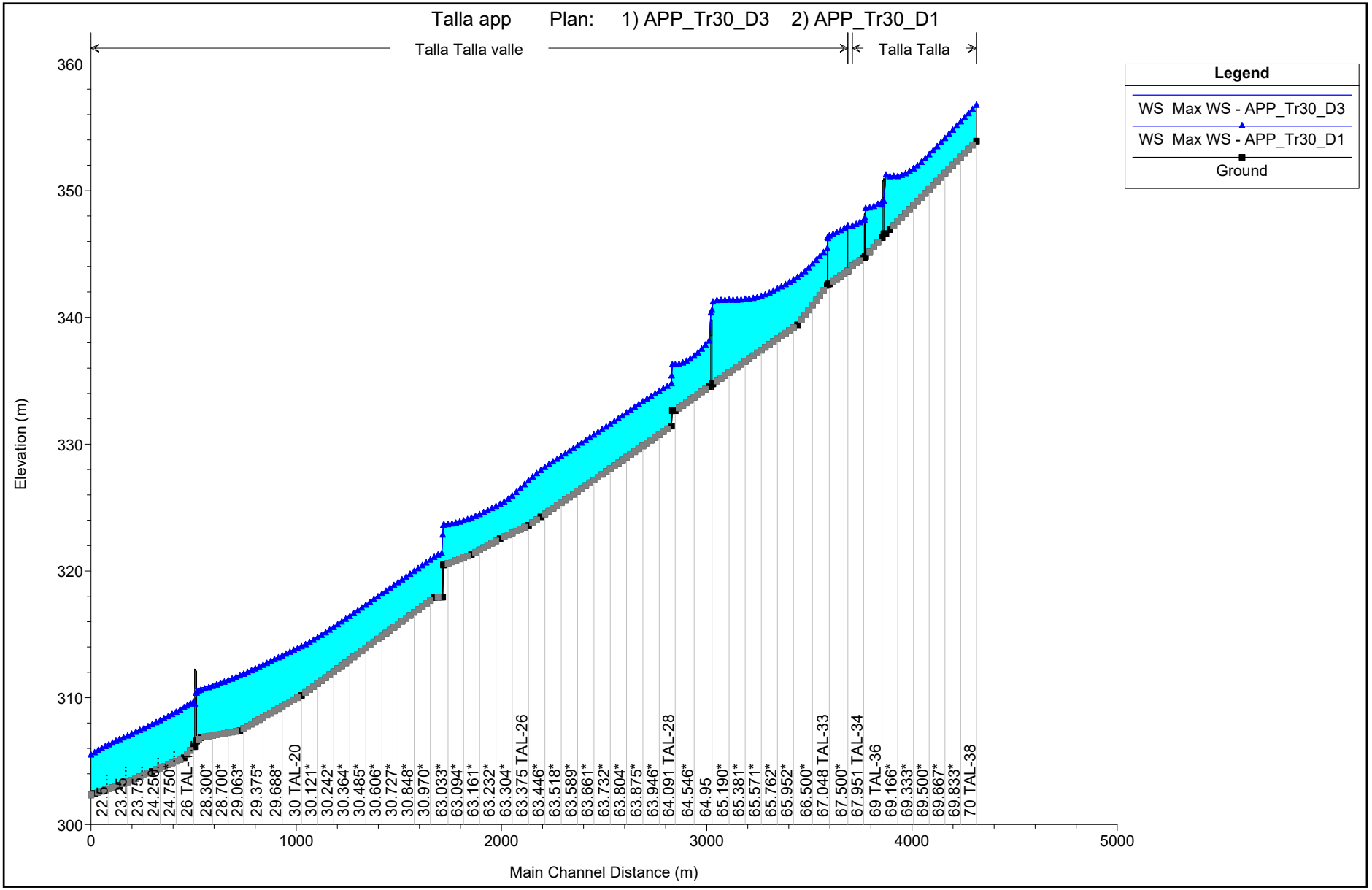
MODELLAZIONE HEC-RAS 5.0.7 "TALLA APP"

TALLA

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 1 e 3h

Profilo longitudinale


Talla app Plan: 1) APP_Tr30_D3 2) APP_Tr30_D1
Talla Talla valle
Talla Talla
Legend
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D1
Ground
Elevation (m)
Main Channel Distance (m)
360
350
340
330
320
310
300
0
1000
2000
3000
4000
5000
22.5...
23.25...
23.75...
24.25...
24.750...
26 TAL-...
28.300*
28.700*
29.063*
29.375*
29.688*
30 TAL-20
30.121*
30.242*
30.364*
30.485*
30.606*
30.727*
30.848*
30.970*
63.033*
63.094*
63.161*
63.232*
63.304*
63.375 TAL-26
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63.518*
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63.732*
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64.546*
64.95
65.190*
65.381*
65.571*
65.762*
65.952*
66.500*
67.048 TAL-33
67.500*
67.951 TAL-34
69 TAL-36
69.166*
69.333*
69.500*
69.667*
69.833*
70 TAL-38

ALLEGATI

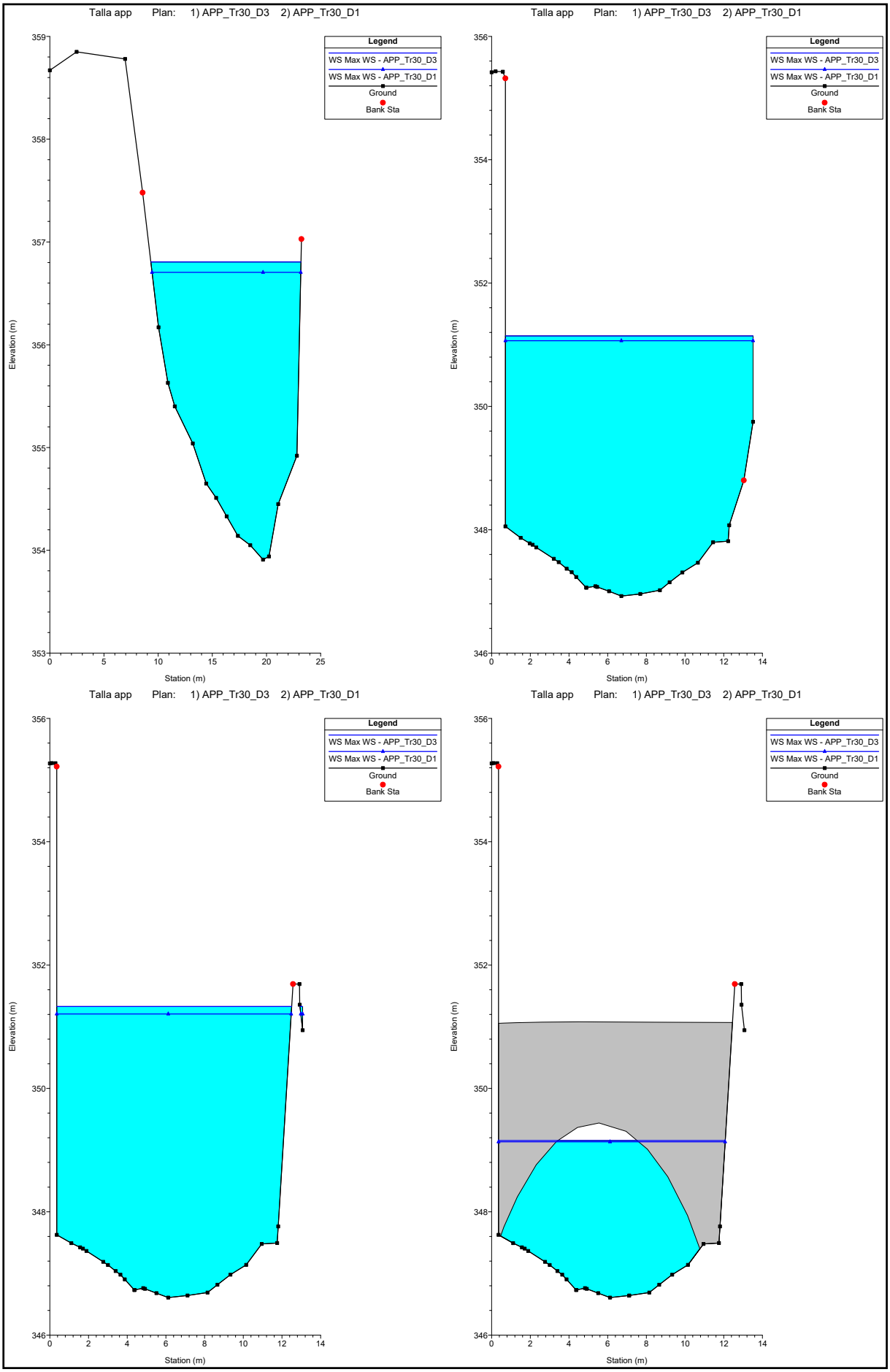
MODELLAZIONE HEC-RAS 5.0.7 "TALLA APP"

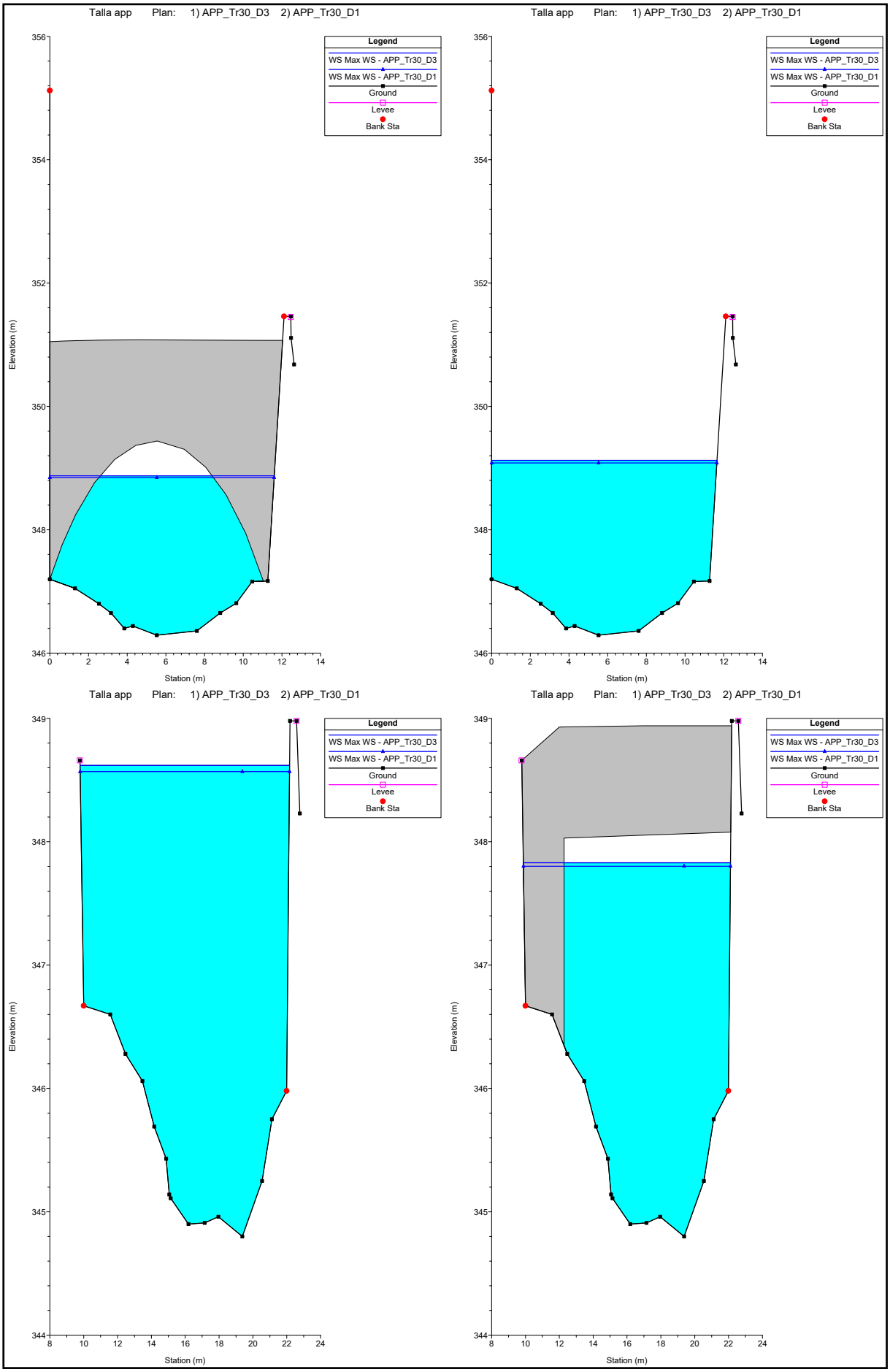
TALLA

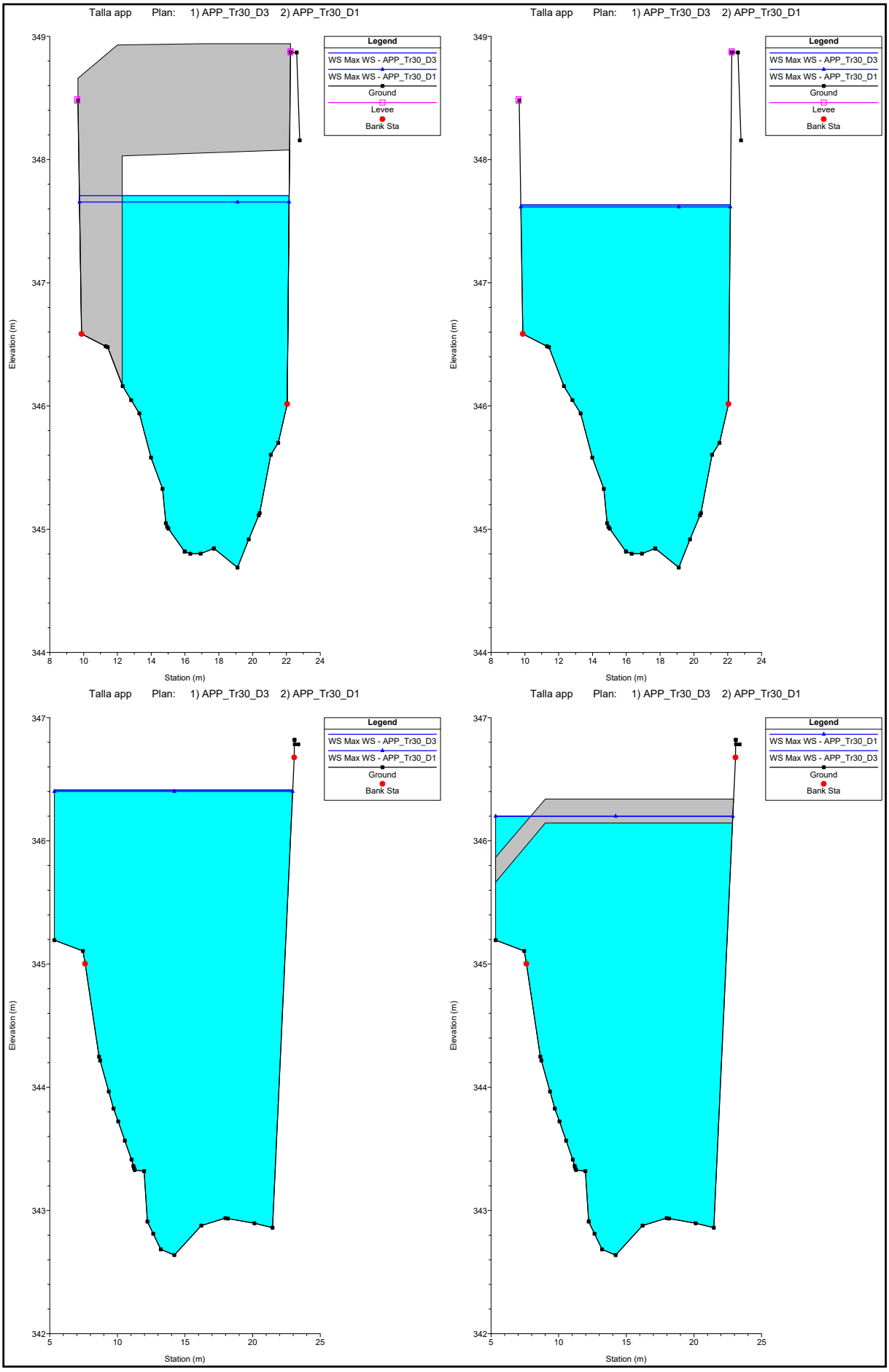
MODELLAZIONE PER TR= 30 anni

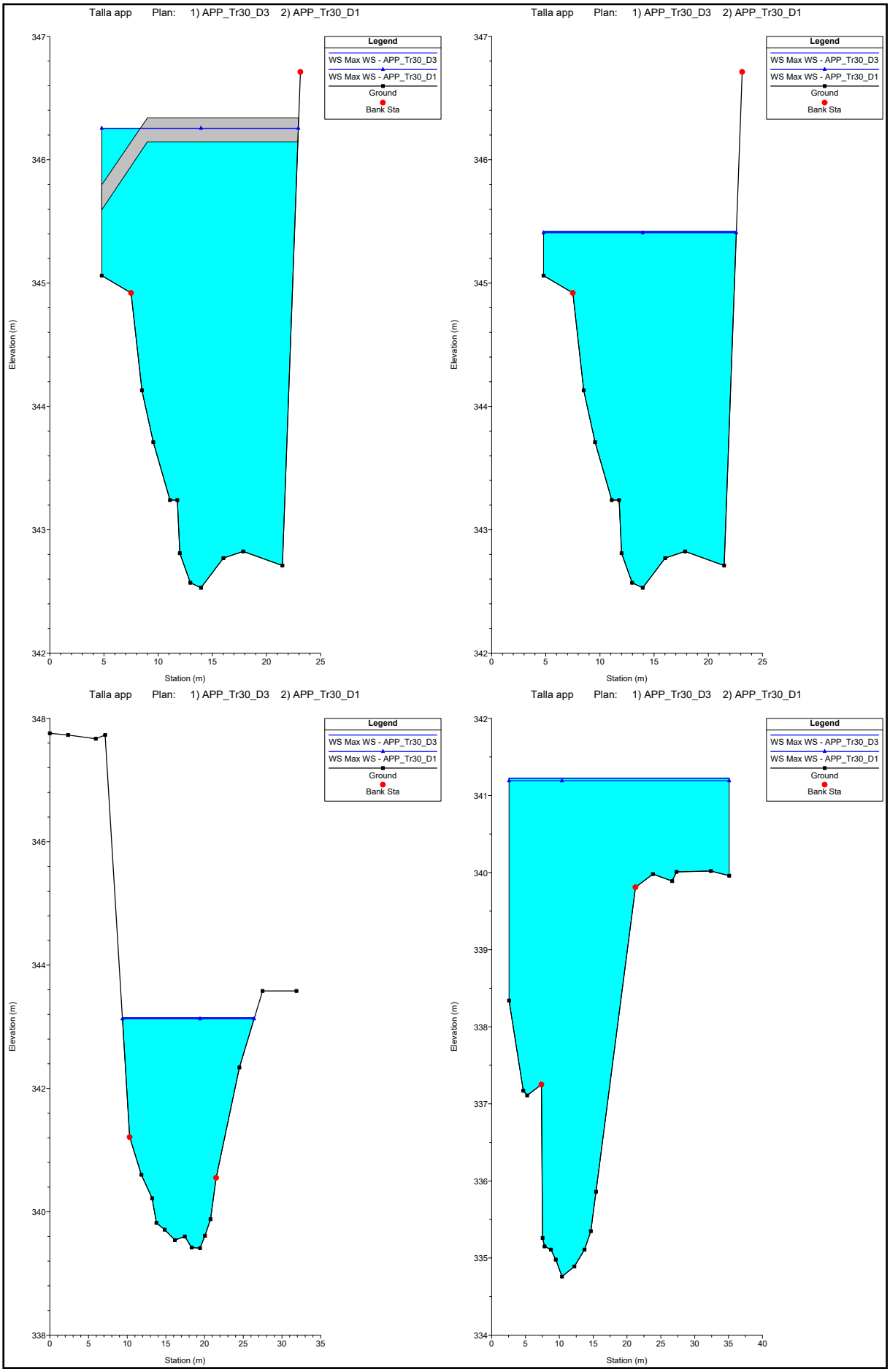
DURATE DI PIOGGIA: 1 e 3h

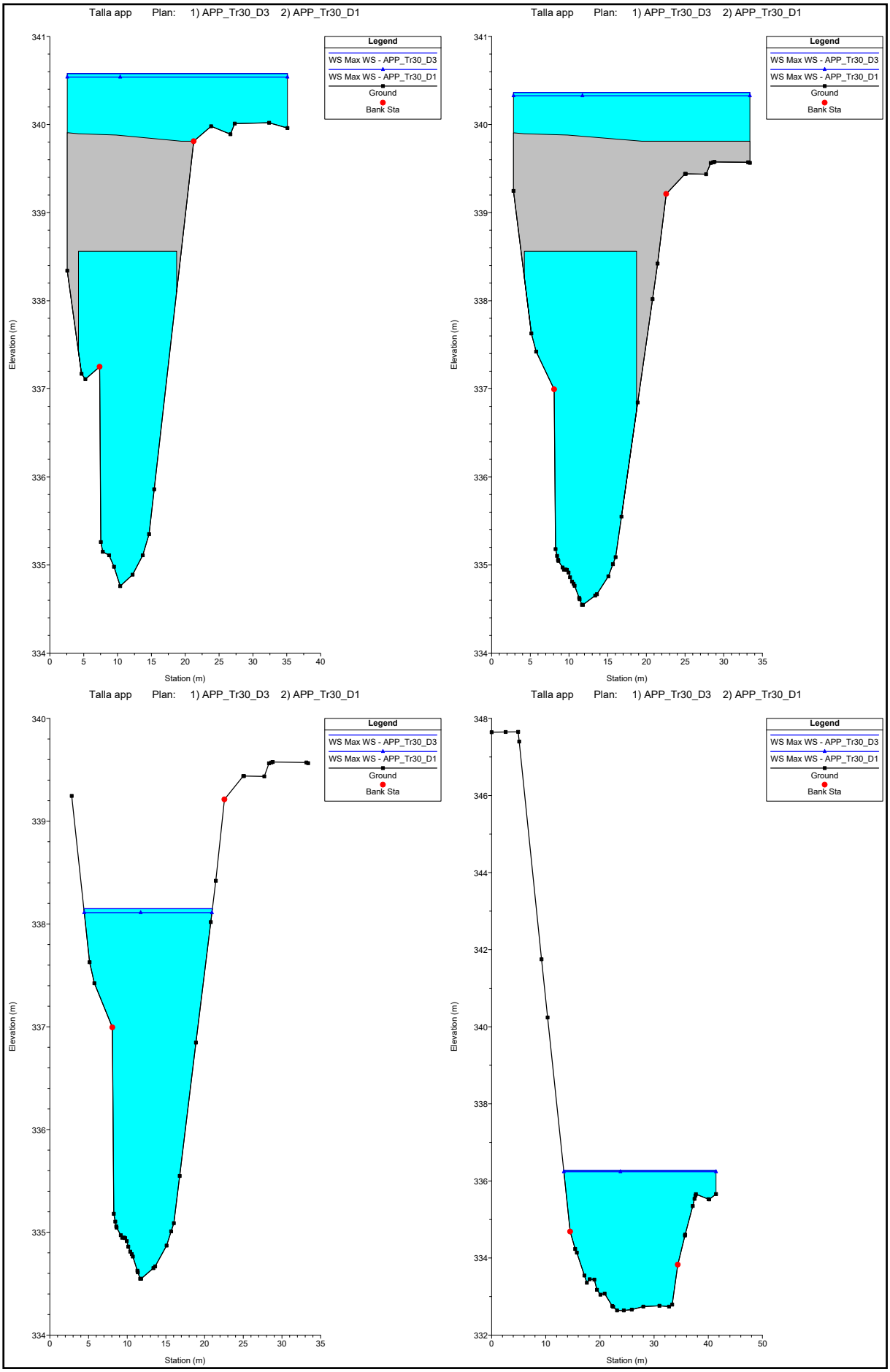
Sezioni Trasversali (da monte verso valle)

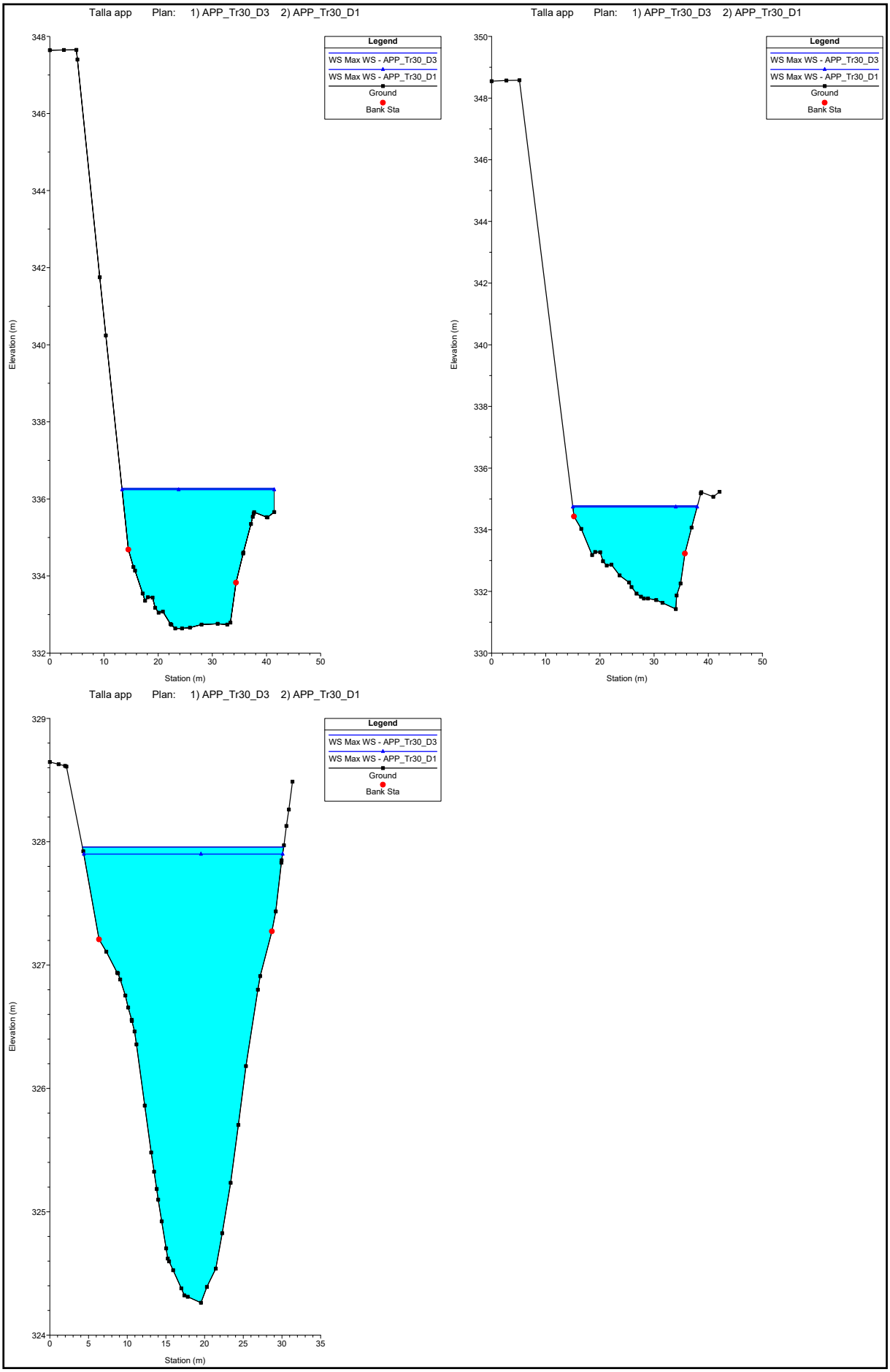

Talla app Plan: 1) APP_Tr30_D3 2) APP_Tr30_D1
Legend
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Talla app Plan: 1) APP_Tr30_D3 2) APP_Tr30_D1
Legend
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Talla app Plan: 1) APP_Tr30_D3 2) APP_Tr30_D1
Legend
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Talla app Plan: 1) APP_Tr30_D3 2) APP_Tr30_D1
Legend
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D1
Ground
Bank Sta
Elevation (m)
Station (m)


Talla app Plan: 1) APP_Tr30_D3 2) APP_Tr30_D1
Legend
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D1
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Talla app Plan: 1) APP_Tr30_D3 2) APP_Tr30_D1
Legend
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D1
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Talla app Plan: 1) APP_Tr30_D3 2) APP_Tr30_D1
Legend
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D1
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Talla app Plan: 1) APP_Tr30_D3 2) APP_Tr30_D1
Legend
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D1
Ground
Levee
Bank Sta
Elevation (m)
Station (m)


Talla app Plan: 1) APP_Tr30_D3 2) APP_Tr30_D1
Legend
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D1
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Talla app Plan: 1) APP_Tr30_D3 2) APP_Tr30_D1
Legend
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D1
Ground
Levee
Bank Sta
Elevation (m)
Station (m)
Talla app Plan: 1) APP_Tr30_D3 2) APP_Tr30_D1
Legend
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Talla app Plan: 1) APP_Tr30_D3 2) APP_Tr30_D1
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)


Talla app Plan: 1) APP_Tr30_D3 2) APP_Tr30_D1
Legend
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Talla app Plan: 1) APP_Tr30_D3 2) APP_Tr30_D1
Legend
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Talla app Plan: 1) APP_Tr30_D3 2) APP_Tr30_D1
Legend
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Talla app Plan: 1) APP_Tr30_D3 2) APP_Tr30_D1
Legend
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D1
Ground
Bank Sta
Elevation (m)
Station (m)


Talla app Plan: 1) APP_Tr30_D3 2) APP_Tr30_D1
Legend
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Talla app Plan: 1) APP_Tr30_D3 2) APP_Tr30_D1
Legend
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Talla app Plan: 1) APP_Tr30_D3 2) APP_Tr30_D1
Legend
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Talla app Plan: 1) APP_Tr30_D3 2) APP_Tr30_D1
Legend
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D1
Ground
Bank Sta
Elevation (m)
Station (m)


Talla app Plan: 1) APP_Tr30_D3 2) APP_Tr30_D1
Legend
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Talla app Plan: 1) APP_Tr30_D3 2) APP_Tr30_D1
Legend
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D1
Ground
Bank Sta
Elevation (m)
Station (m)
Talla app Plan: 1) APP_Tr30_D3 2) APP_Tr30_D1
Legend
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D1
Ground
Bank Sta
Elevation (m)
Station (m)

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "TALLA APP"

TALLA

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 1 e 3h

Dati idraulici

HEC-RAS Locations: User Defined Profile: Max WS

River	Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Vel Left	Vel Right	Flow Area	Top Width	Froude # Chl
					(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m/s)	(m2)	(m)	
Talla	Talla	70	Max WS	APP_Tr30_D3	152.20	353.91	356.81	357.09	358.29	0.017106	5.40			28.17	13.87	1.21
Talla	Talla	70	Max WS	APP_Tr30_D1	141.10	353.91	356.70	356.97	358.12	0.017070	5.27			26.77	13.73	1.21
Talla	Talla	69.99			Lat Struct											
Talla	Talla	69.55			Lat Struct											
Talla	Talla	69.24			Lat Struct											
Talla	Talla	69.083	Max WS	APP_Tr30_D3	138.53	346.92	351.14		351.60	0.002774	3.01		0.45	46.72	12.80	0.50
Talla	Talla	69.083	Max WS	APP_Tr30_D1	131.38	346.92	351.07		351.50	0.002661	2.92		0.43	45.72	12.80	0.49
Talla	Talla	69.042	Max WS	APP_Tr30_D3	120.55	346.61	351.33	349.26	351.62	0.001923	2.39		0.08	50.57	12.29	0.37
Talla	Talla	69.042	Max WS	APP_Tr30_D1	117.64	346.61	351.21	349.23	351.50	0.001985	2.40		0.06	49.09	12.22	0.38
Talla	Talla	69.02			Bridge											
Talla	Talla	69	Max WS	APP_Tr30_D3	120.55	346.29	349.13		350.08	0.010370	4.32			27.90	11.65	0.89
Talla	Talla	69	Max WS	APP_Tr30_D1	117.64	346.29	349.08		350.02	0.010415	4.29			27.40	11.64	0.89
Talla	Talla	68.99			Lat Struct											
Talla	Talla	68.98			Lat Struct											
Talla	Talla	68	Max WS	APP_Tr30_D3	120.26	344.80	348.62	347.75	349.17	0.003243	3.29	0.21	0.19	36.97	12.38	0.60
Talla	Talla	68	Max WS	APP_Tr30_D1	117.61	344.80	348.57	347.72	349.11	0.003278	3.27	0.21	0.19	36.35	12.37	0.60
Talla	Talla	67.97			Bridge											
Talla	Talla	67.951	Max WS	APP_Tr30_D3	120.26	344.69	347.63	347.61	348.69	0.009717	4.55	0.25	0.23	26.59	12.40	0.98
Talla	Talla	67.951	Max WS	APP_Tr30_D1	117.60	344.69	347.62	347.58	348.64	0.009531	4.48	0.25	0.23	26.39	12.39	0.97
Talla	Talla	67.950			Lat Struct											
Talla	Talla	67.94			Lat Struct											
Talla	Talla valle	67.499			Lat Struct											
Talla	Talla valle	67.49			Lat Struct											
Talla	Talla valle	67.137			Lat Struct											
Talla	Talla valle	67.048	Max WS	APP_Tr30_D3	201.67	342.64	346.41	345.92	347.29	0.006020	4.17	1.13		50.42	17.63	0.76
Talla	Talla valle	67.048	Max WS	APP_Tr30_D1	200.68	342.64	346.40	345.91	347.27	0.006034	4.17	1.13		50.21	17.62	0.76
Talla	Talla valle	67.02			Bridge											
Talla	Talla valle	67	Max WS	APP_Tr30_D3	201.67	342.53	345.42	345.78	347.12	0.016724	5.79	1.13		35.76	17.80	1.22
Talla	Talla valle	67	Max WS	APP_Tr30_D1	200.68	342.53	345.41	345.78	347.11	0.016811	5.79	1.11		35.57	17.80	1.22
Talla	Talla valle	66.99			Lat Struct											
Talla	Talla valle	66	Max WS	APP_Tr30_D3	231.82	339.41	343.14	343.41	344.98	0.010540	6.14	0.96	1.77	42.70	17.06	1.09
Talla	Talla valle	66	Max WS	APP_Tr30_D1	229.70	339.41	343.13	343.39	344.95	0.010541	6.12	0.96	1.76	42.41	17.01	1.09
Talla	Talla valle	65.904			Lat Struct											
Talla	Talla valle	65	Max WS	APP_Tr30_D3	221.35	334.76	341.22	338.99	341.56	0.001431	2.74	1.09	0.69	104.81	32.51	0.39
Talla	Talla valle	65	Max WS	APP_Tr30_D1	216.21	334.76	341.19	338.95	341.51	0.001402	2.70	1.08	0.67	103.69	32.51	0.39
Talla	Talla valle	64.95			Bridge											
Talla	Talla valle	64.909	Max WS	APP_Tr30_D3	221.33	334.55	338.15	338.66	340.17	0.017415	6.36	1.74		36.81	16.62	1.25
Talla	Talla valle	64.909	Max WS	APP_Tr30_D1	216.22	334.55	338.11	338.61	340.10	0.017389	6.31	1.70		36.17	16.50	1.25
Talla	Talla valle	64.9			Lat Struct											
Talla	Talla valle	64.091	Max WS	APP_Tr30_D3	222.38	332.64	336.28	335.40	336.83	0.003052	3.35	0.56	0.88	72.72	28.12	0.60
Talla	Talla valle	64.091	Max WS	APP_Tr30_D1	218.21	332.64	336.24	335.36	336.79	0.003061	3.33	0.55	0.86	71.67	28.09	0.60
Talla	Talla valle	64.08			Inl Struct											
Talla	Talla valle	64	Max WS	APP_Tr30_D3	222.38	331.43	334.78	334.78	335.90	0.009909	4.72	0.36	1.22	48.44	23.03	1.00
Talla	Talla valle	64	Max WS	APP_Tr30_D1	218.20	331.43	334.74	334.76	335.86	0.010076	4.71	0.33	1.21	47.60	22.95	1.00
Talla	Talla valle	63.97			Lat Struct											
Talla	Talla valle	63.731			Lat Struct											
Talla	Talla valle	63.429	Max WS	APP_Tr30_D3	279.36	324.26	327.96	328.18	329.42	0.012255	5.38	0.92	0.88	53.09	26.01	1.13
Talla	Talla valle	63.429	Max WS	APP_Tr30_D1	267.36	324.26	327.90	328.10	329.32	0.012218	5.28	0.87	0.84	51.60	25.69	1.12

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "TALLA APP"

LAVANZONE

MODELLAZIONE PER TR=30 e 200 ANNI

DURATA DI PIOGGIA: 1 e 3h

Profilo longitudinale

Sezioni Trasversali

Dati idraulici

ALLEGATI

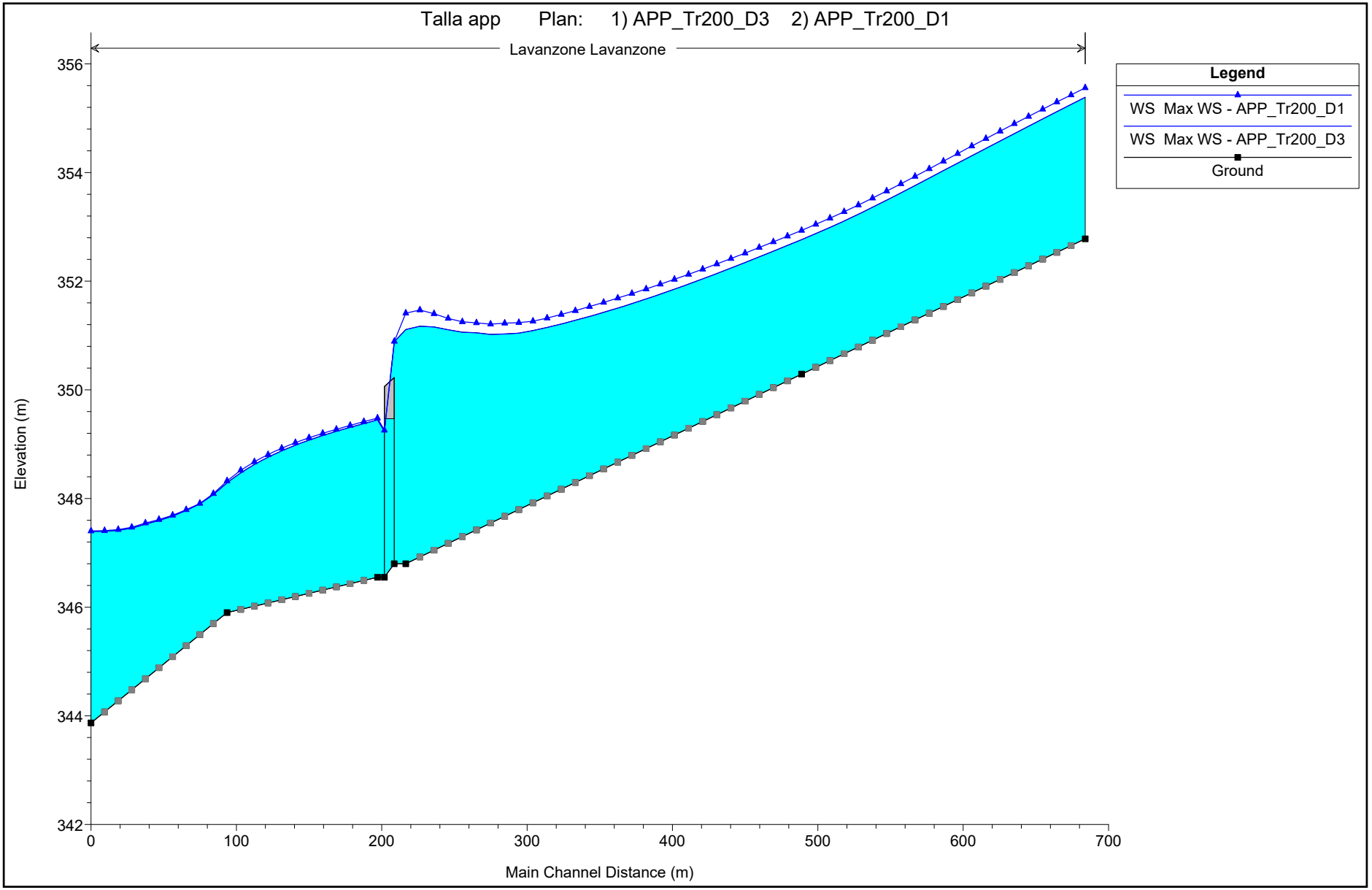
MODELLAZIONE HEC-RAS 5.0.7 "TALLA APP"

LAVANZONE

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 1 e 3h

Profilo longitudinale


Talla app Plan: 1) APP_Tr200_D3 2) APP_Tr200_D1
Lavanzone Lavanzone
Legend
WS Max WS - APP_Tr200_D1
WS Max WS - APP_Tr200_D3
Ground
Elevation (m)
356
354
352
350
348
346
344
342
0
100
200
300
400
500
600
700
Main Channel Distance (m)

ALLEGATI

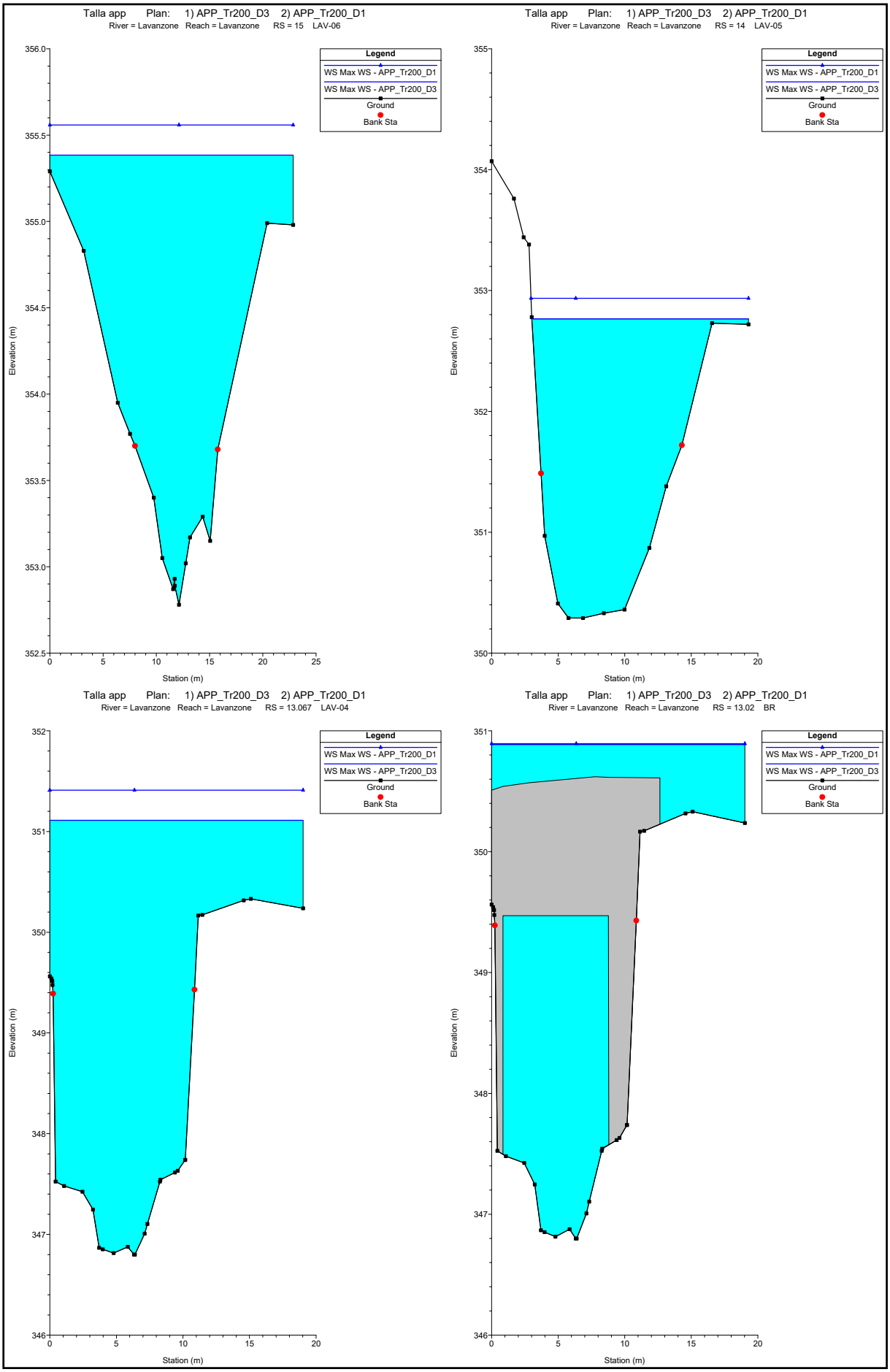
MODELLAZIONE HEC-RAS 5.0.7 "TALLA APP"

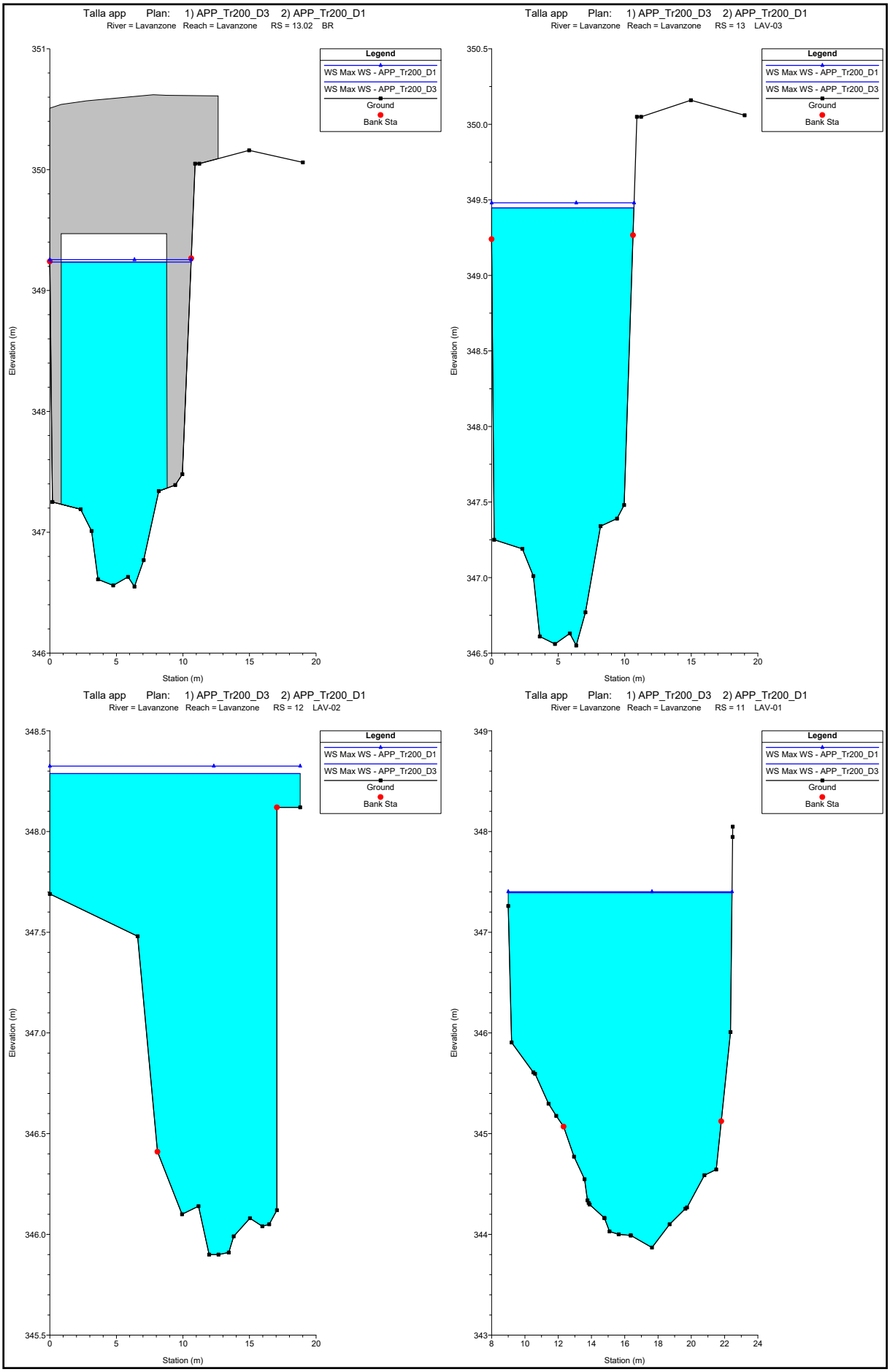
LAVANZONE

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 1 e 3h

Sezioni Trasversali (da monte verso valle)


Talla app Plan: 1) APP_Tr200_D3 2) APP_Tr200_D1
River = Lavanzone Reach = Lavanzone RS = 15 LAV-06
Legend
WS Max WS - APP_Tr200_D1
WS Max WS - APP_Tr200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Talla app Plan: 1) APP_Tr200_D3 2) APP_Tr200_D1
River = Lavanzone Reach = Lavanzone RS = 14 LAV-05
Legend
WS Max WS - APP_Tr200_D1
WS Max WS - APP_Tr200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Talla app Plan: 1) APP_Tr200_D3 2) APP_Tr200_D1
River = Lavanzone Reach = Lavanzone RS = 13.067 LAV-04
Legend
WS Max WS - APP_Tr200_D1
WS Max WS - APP_Tr200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Talla app Plan: 1) APP_Tr200_D3 2) APP_Tr200_D1
River = Lavanzone Reach = Lavanzone RS = 13.02 BR
Legend
WS Max WS - APP_Tr200_D1
WS Max WS - APP_Tr200_D3
Ground
Bank Sta
Elevation (m)
Station (m)


Talla app Plan: 1) APP_Tr200_D3 2) APP_Tr200_D1
River = Lavanzone Reach = Lavanzone RS = 13.02 BR
Legend
WS Max WS - APP_Tr200_D1
WS Max WS - APP_Tr200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Talla app Plan: 1) APP_Tr200_D3 2) APP_Tr200_D1
River = Lavanzone Reach = Lavanzone RS = 13 LAV-03
Legend
WS Max WS - APP_Tr200_D1
WS Max WS - APP_Tr200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Talla app Plan: 1) APP_Tr200_D3 2) APP_Tr200_D1
River = Lavanzone Reach = Lavanzone RS = 12 LAV-02
Legend
WS Max WS - APP_Tr200_D1
WS Max WS - APP_Tr200_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Talla app Plan: 1) APP_Tr200_D3 2) APP_Tr200_D1
River = Lavanzone Reach = Lavanzone RS = 11 LAV-01
Legend
WS Max WS - APP_Tr200_D1
WS Max WS - APP_Tr200_D3
Ground
Bank Sta
Elevation (m)
Station (m)

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MODELLAZIONE HEC-RAS 5.0.7 "TALLA APP"

LAVANZONE

MODELLAZIONE PER TR= 200 anni

DURATE DI PIOGGIA: 1 e 3h

Dati idraulici

HEC-RAS River: Lavanzone Reach: Lavanzone Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
Lavanzone	15	Max WS	APP_Tr200_D3	110.50	352.78	355.38	355.69	356.59	0.013448	5.34	29.38	22.85	1.16
Lavanzone	15	Max WS	APP_Tr200_D1	129.49	352.78	355.56	355.87	356.85	0.013293	5.59	33.37	22.85	1.17
Lavanzone	14.99			Lat Struct									
Lavanzone	14.98			Lat Struct									
Lavanzone	14	Max WS	APP_Tr200_D3	106.58	350.29	352.77	352.92	353.90	0.011105	4.74	24.00	16.28	1.04
Lavanzone	14	Max WS	APP_Tr200_D1	122.34	350.29	352.94	353.12	354.18	0.011088	4.99	26.77	16.34	1.06
Lavanzone	13.99			Lat Struct									
Lavanzone	13.067	Max WS	APP_Tr200_D3	88.84	346.80	351.11	349.26	351.33	0.001335	2.13	47.49	19.03	0.35
Lavanzone	13.067	Max WS	APP_Tr200_D1	89.66	346.80	351.41	349.27	351.60	0.001019	1.96	53.20	19.03	0.31
Lavanzone	13.02			Bridge									
Lavanzone	13	Max WS	APP_Tr200_D3	88.83	346.55	349.45		350.09	0.007295	3.55	25.01	10.69	0.74
Lavanzone	13	Max WS	APP_Tr200_D1	89.65	346.55	349.48		350.12	0.007113	3.54	25.36	10.70	0.73
Lavanzone	12.99			Lat Struct									
Lavanzone	12.98			Lat Struct									
Lavanzone	12	Max WS	APP_Tr200_D3	138.38	345.90	348.29	348.82	350.12	0.022062	6.28	26.81	18.80	1.35
Lavanzone	12	Max WS	APP_Tr200_D1	147.32	345.90	348.32	348.91	350.31	0.023433	6.54	27.51	18.80	1.39
Lavanzone	11	Max WS	APP_Tr200_D3	109.22	343.87	347.39		347.96	0.003449	3.44	36.70	13.45	0.62
Lavanzone	11	Max WS	APP_Tr200_D1	111.22	343.87	347.40		347.98	0.003541	3.49	36.83	13.45	0.63

ALLEGATI

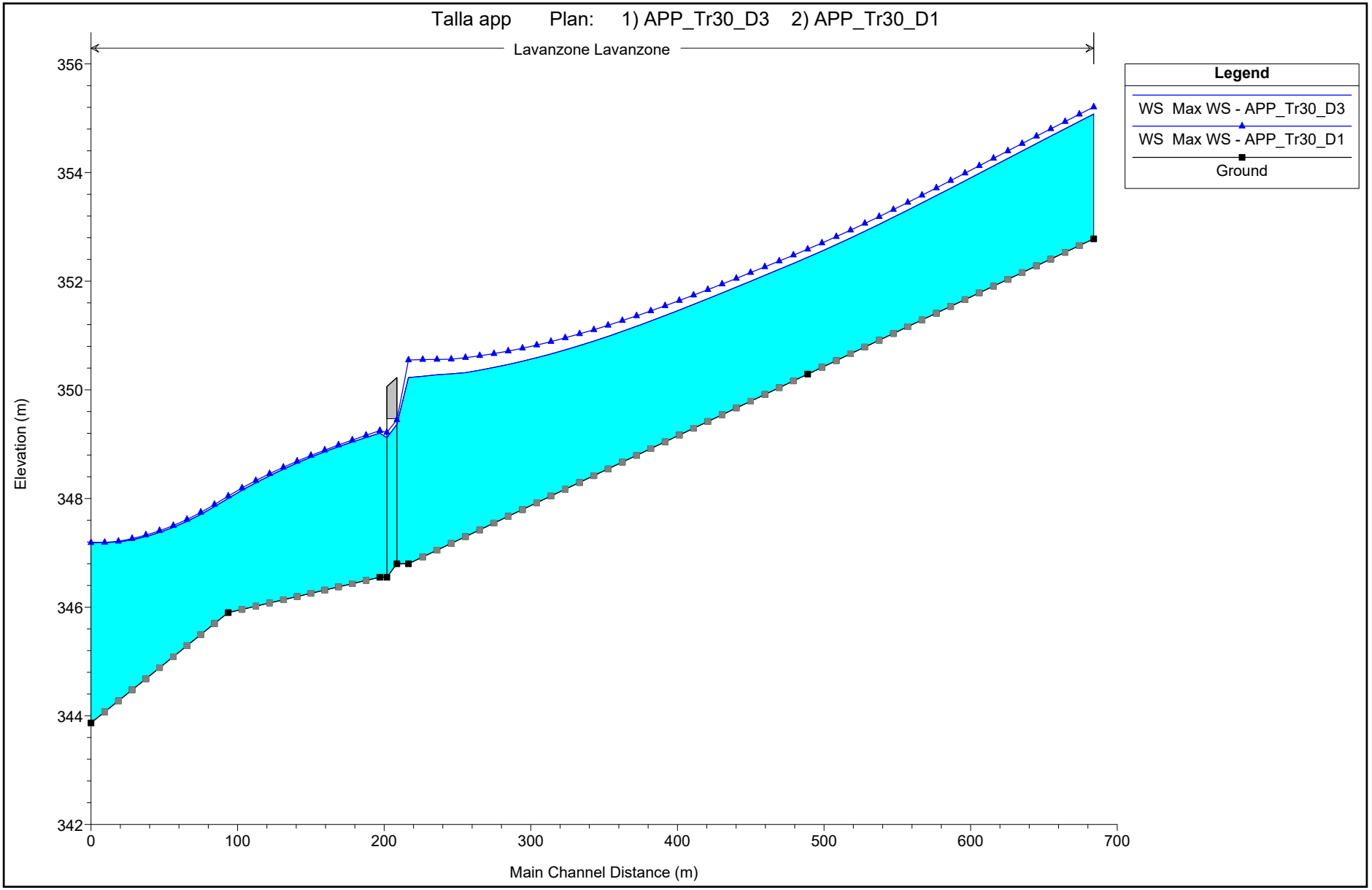
MODELLAZIONE HEC-RAS 5.0.7 "TALLA APP"

LAVANZONE

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 1 e 3h

Profilo longitudinale


Talla app Plan: 1) APP_Tr30_D3 2) APP_Tr30_D1
Lavanzone Lavanzone
Legend
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D1
Ground
Elevation (m)
356
354
352
350
348
346
344
342
0
100
200
300
400
500
600
700
Main Channel Distance (m)

ALLEGATI

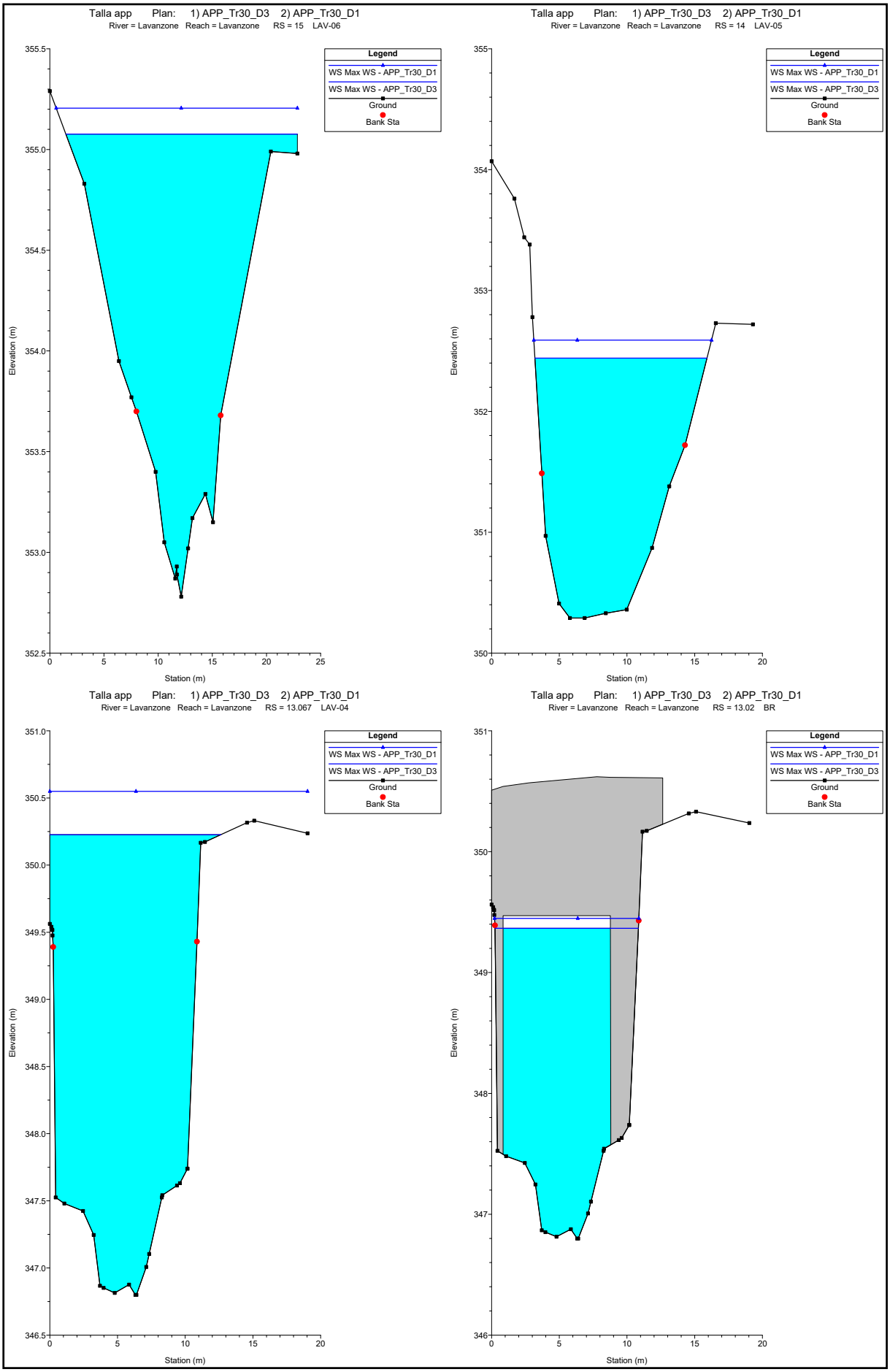
MODELLAZIONE HEC-RAS 5.0.7 "TALLA APP"

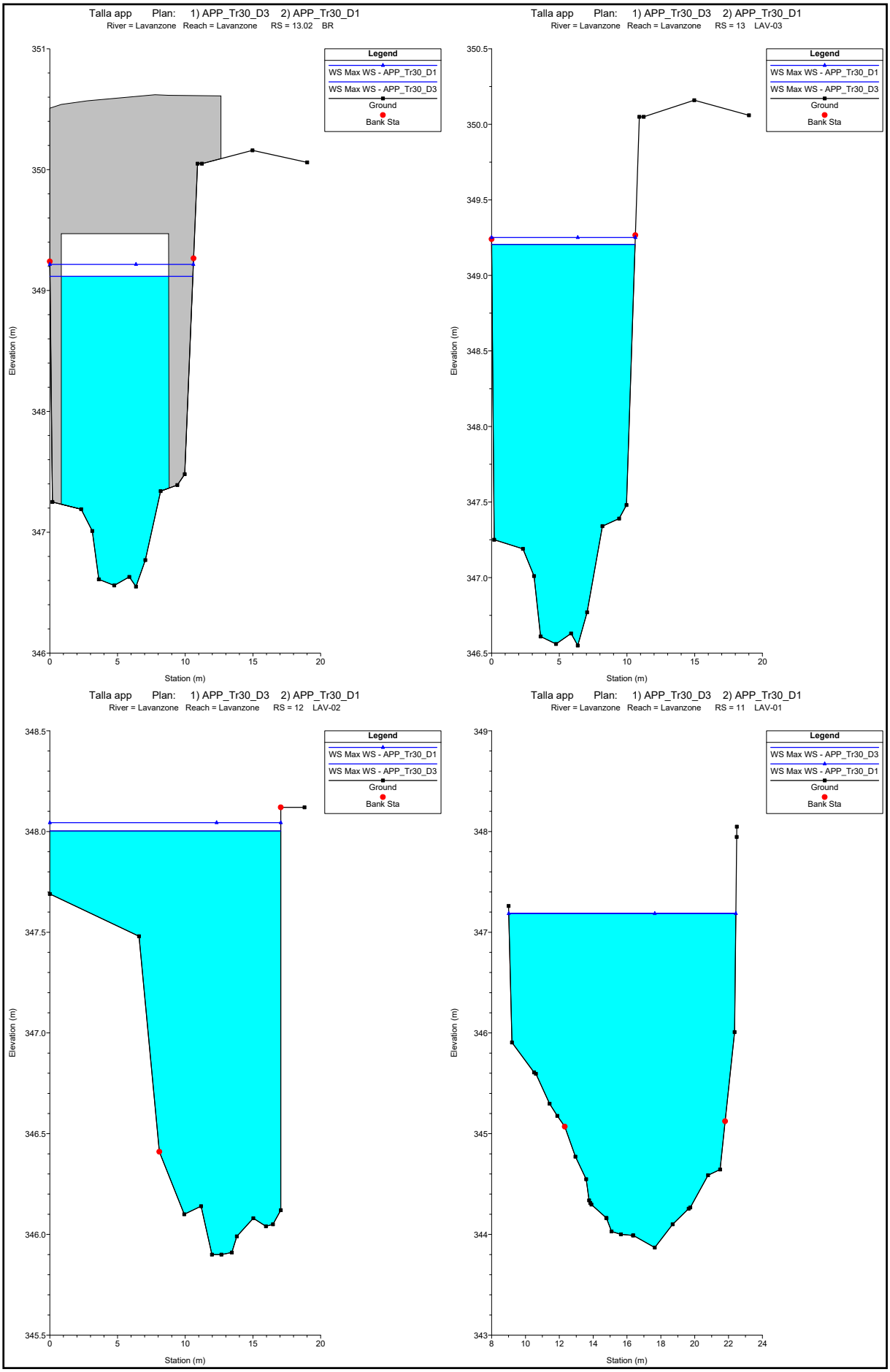
LAVANZONE

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 1 e 3h

Sezioni Trasversali (da monte verso valle)


Talla app Plan: 1) APP_Tr30_D3 2) APP_Tr30_D1
River = Lavanzone Reach = Lavanzone RS = 15 LAV-06
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Talla app Plan: 1) APP_Tr30_D3 2) APP_Tr30_D1
River = Lavanzone Reach = Lavanzone RS = 14 LAV-05
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Talla app Plan: 1) APP_Tr30_D3 2) APP_Tr30_D1
River = Lavanzone Reach = Lavanzone RS = 13.067 LAV-04
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Talla app Plan: 1) APP_Tr30_D3 2) APP_Tr30_D1
River = Lavanzone Reach = Lavanzone RS = 13.02 BR
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)


Talla app Plan: 1) APP_Tr30_D3 2) APP_Tr30_D1
River = Lavanzone Reach = Lavanzone RS = 13.02 BR
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Talla app Plan: 1) APP_Tr30_D3 2) APP_Tr30_D1
River = Lavanzone Reach = Lavanzone RS = 13 LAV-03
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Talla app Plan: 1) APP_Tr30_D3 2) APP_Tr30_D1
River = Lavanzone Reach = Lavanzone RS = 12 LAV-02
Legend
WS Max WS - APP_Tr30_D1
WS Max WS - APP_Tr30_D3
Ground
Bank Sta
Elevation (m)
Station (m)
Talla app Plan: 1) APP_Tr30_D3 2) APP_Tr30_D1
River = Lavanzone Reach = Lavanzone RS = 11 LAV-01
Legend
WS Max WS - APP_Tr30_D3
WS Max WS - APP_Tr30_D1
Ground
Bank Sta
Elevation (m)
Station (m)

ALLEGATI

MODELLAZIONE HEC-RAS 5.0.7 "TALLA APP"

LAVANZONE

MODELLAZIONE PER TR= 30 anni

DURATE DI PIOGGIA: 1 e 3h

Dati idraulici

HEC-RAS River: Lavanzone Reach: Lavanzone Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
Lavanzone	15	Max WS	APP_Tr30_D3	81.50	352.78	355.08	355.39	356.14	0.013802	4.88	22.51	21.38	1.15
Lavanzone	15	Max WS	APP_Tr30_D1	92.78	352.78	355.21	355.51	356.33	0.013618	5.07	25.31	22.26	1.15
Lavanzone	14.99			Lat Struct									
Lavanzone	14.98			Lat Struct									
Lavanzone	14	Max WS	APP_Tr30_D3	81.47	350.29	352.44	352.50	353.38	0.011453	4.30	19.62	12.72	1.03
Lavanzone	14	Max WS	APP_Tr30_D1	92.72	350.29	352.59	352.67	353.61	0.011273	4.50	21.54	13.13	1.04
Lavanzone	13.99			Lat Struct									
Lavanzone	13.067	Max WS	APP_Tr30_D3	82.28	346.80	350.23	349.15	350.59	0.003019	2.68	31.03	12.64	0.50
Lavanzone	13.067	Max WS	APP_Tr30_D1	87.29	346.80	350.55	349.23	350.87	0.002345	2.53	36.80	19.03	0.45
Lavanzone	13.02			Bridge									
Lavanzone	13	Max WS	APP_Tr30_D3	82.23	346.55	349.21		349.89	0.008721	3.67	22.43	10.59	0.80
Lavanzone	13	Max WS	APP_Tr30_D1	87.22	346.55	349.25		349.99	0.009222	3.81	22.91	10.61	0.83
Lavanzone	12.99			Lat Struct									
Lavanzone	12.98			Lat Struct									
Lavanzone	12	Max WS	APP_Tr30_D3	92.93	345.90	348.00	348.32	349.22	0.016760	5.03	21.66	17.06	1.16
Lavanzone	12	Max WS	APP_Tr30_D1	97.16	345.90	348.04	348.37	349.29	0.016967	5.12	22.36	17.06	1.16
Lavanzone	11	Max WS	APP_Tr30_D3	93.77	343.87	347.19		347.67	0.003211	3.17	33.96	13.42	0.59
Lavanzone	11	Max WS	APP_Tr30_D1	98.26	343.87	347.19		347.72	0.003540	3.33	33.91	13.42	0.62