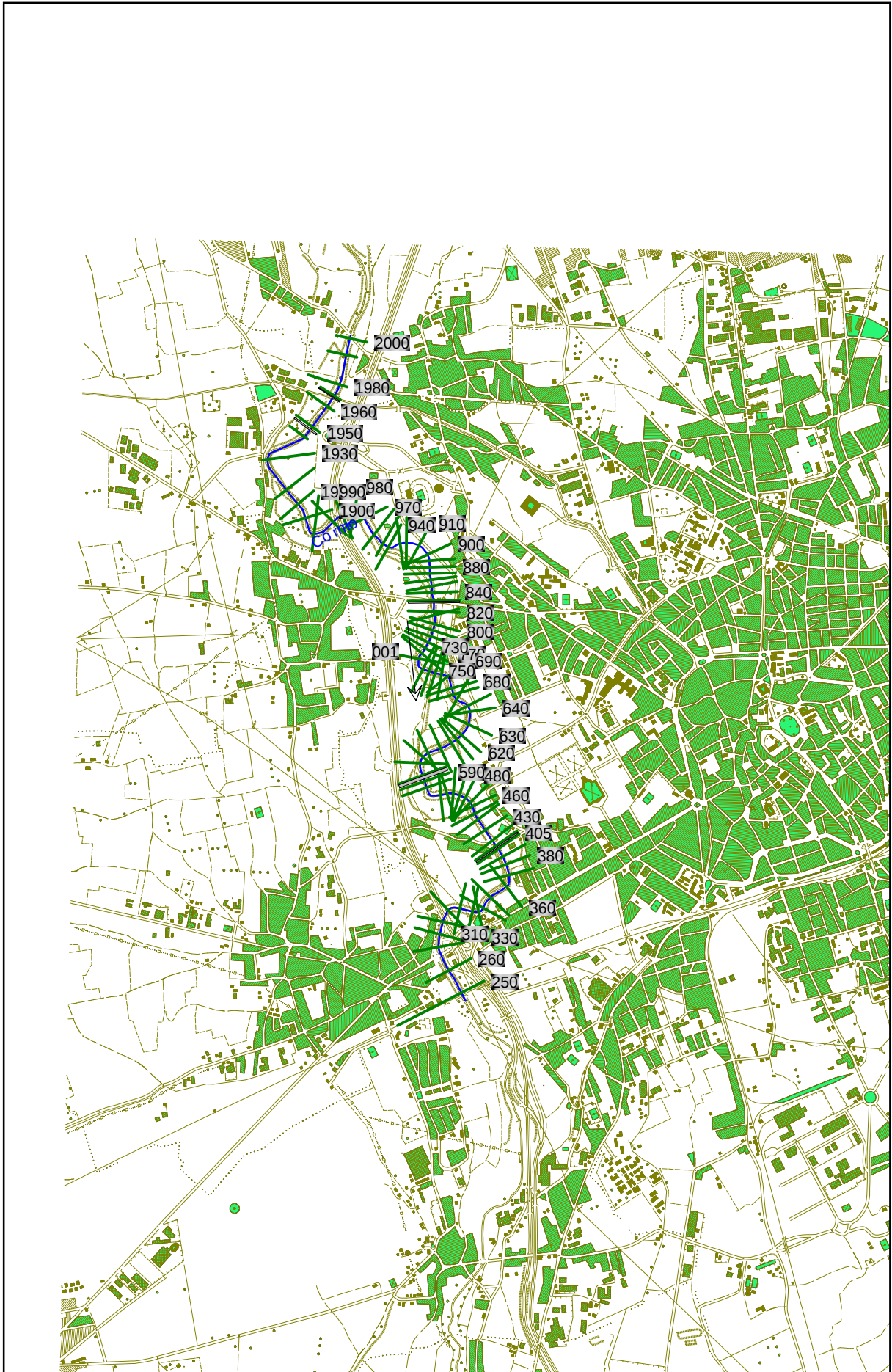
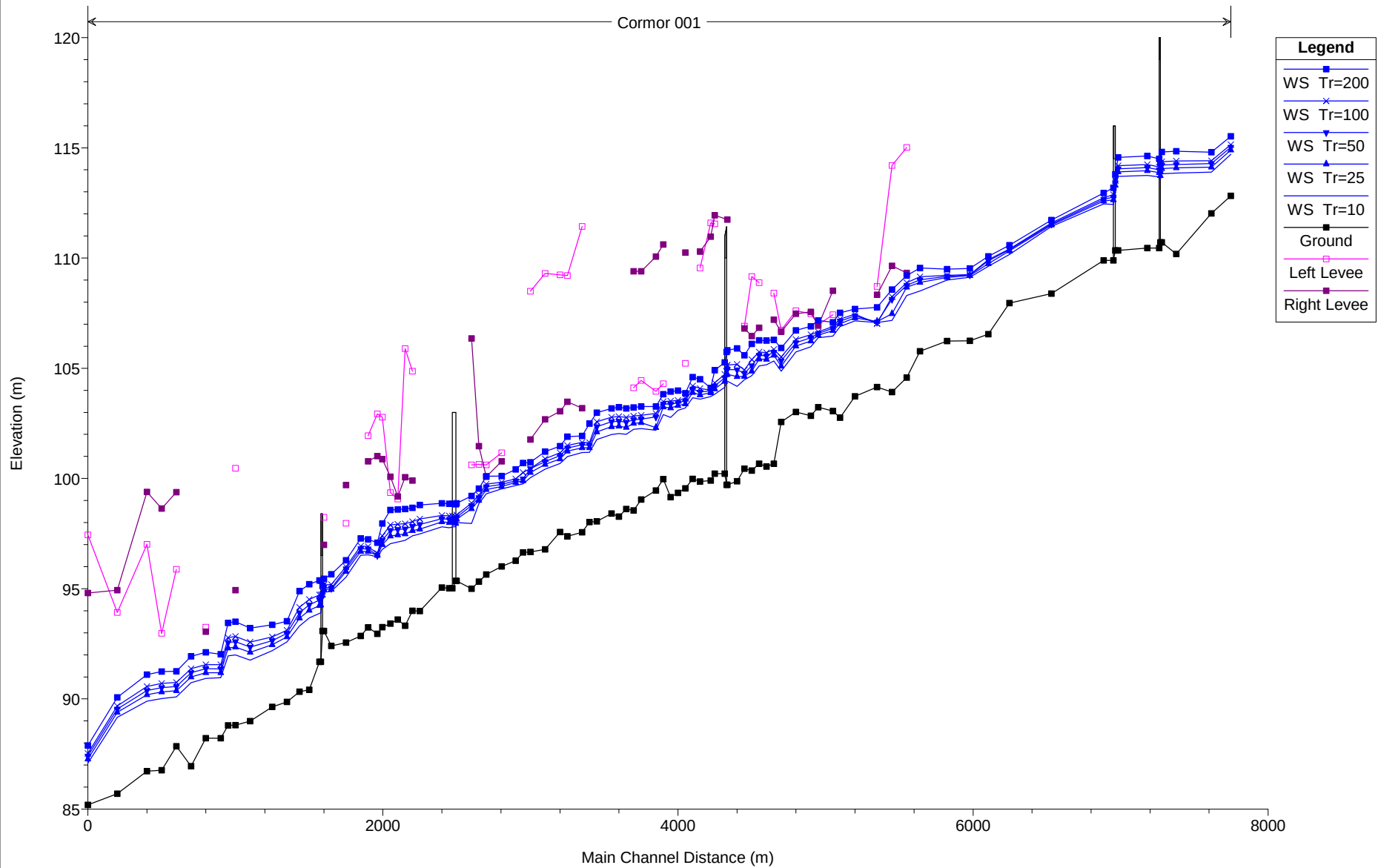


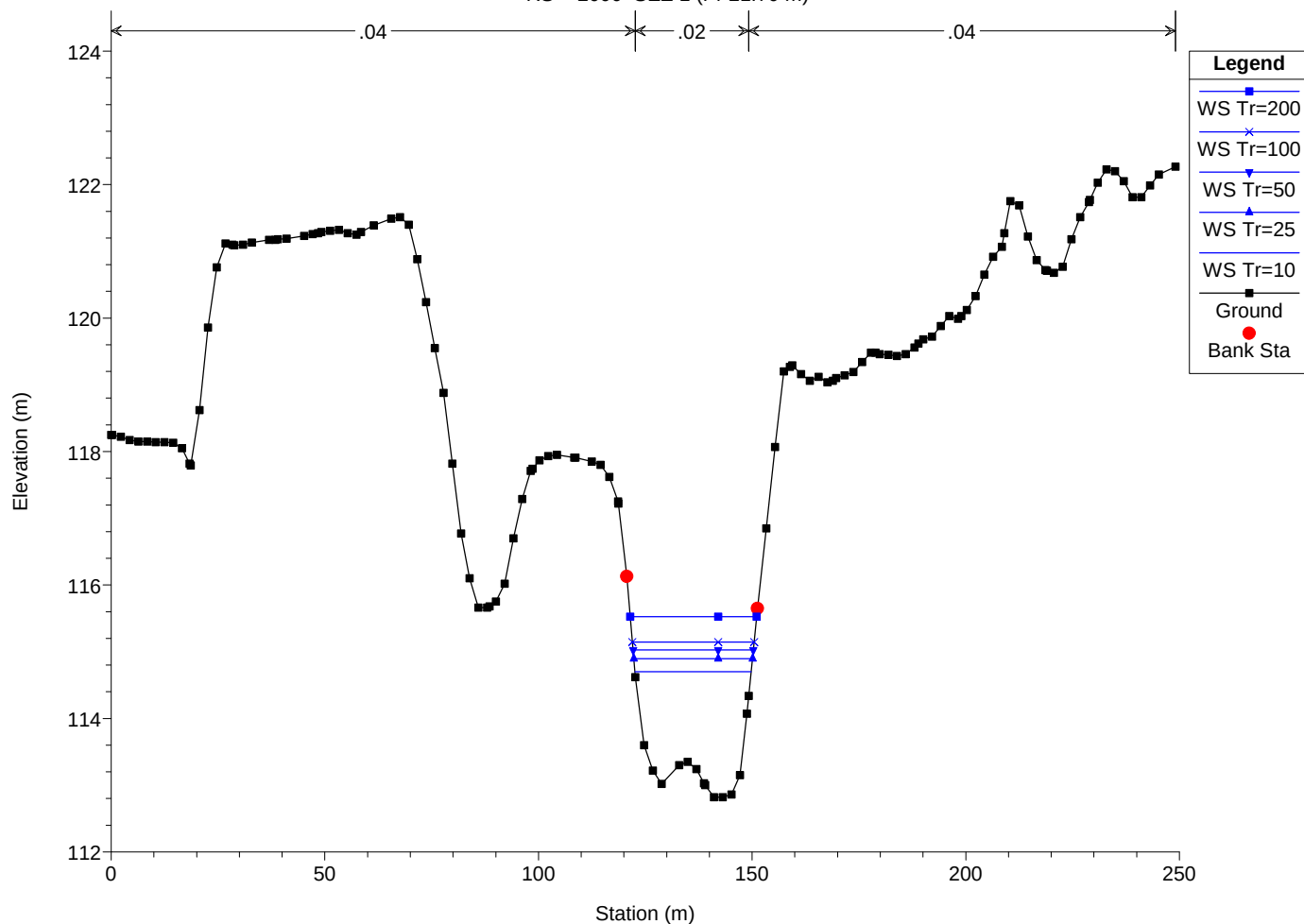


Cormor Udine Plan: Plan 02 10/7/2010

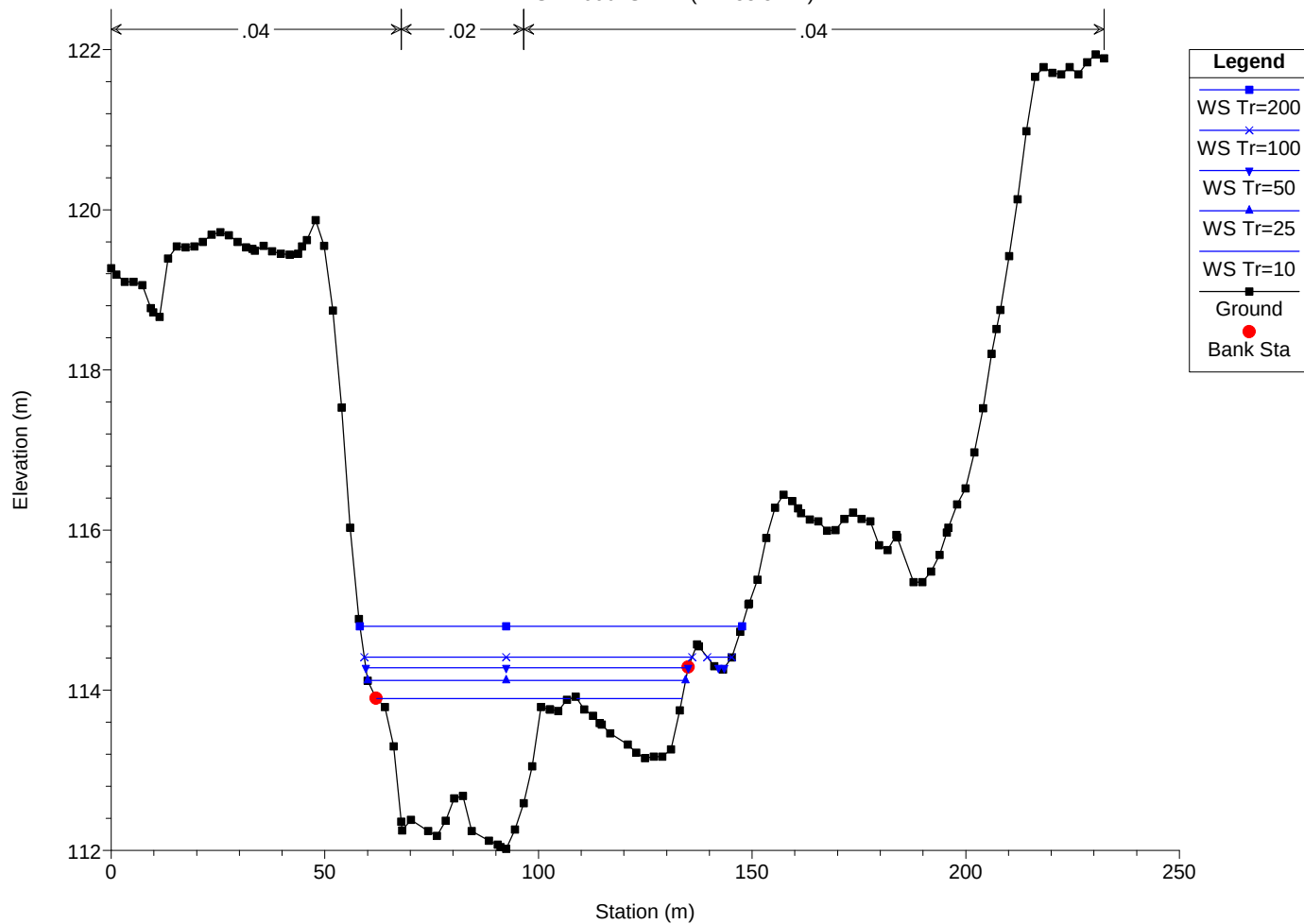
Cormor 001



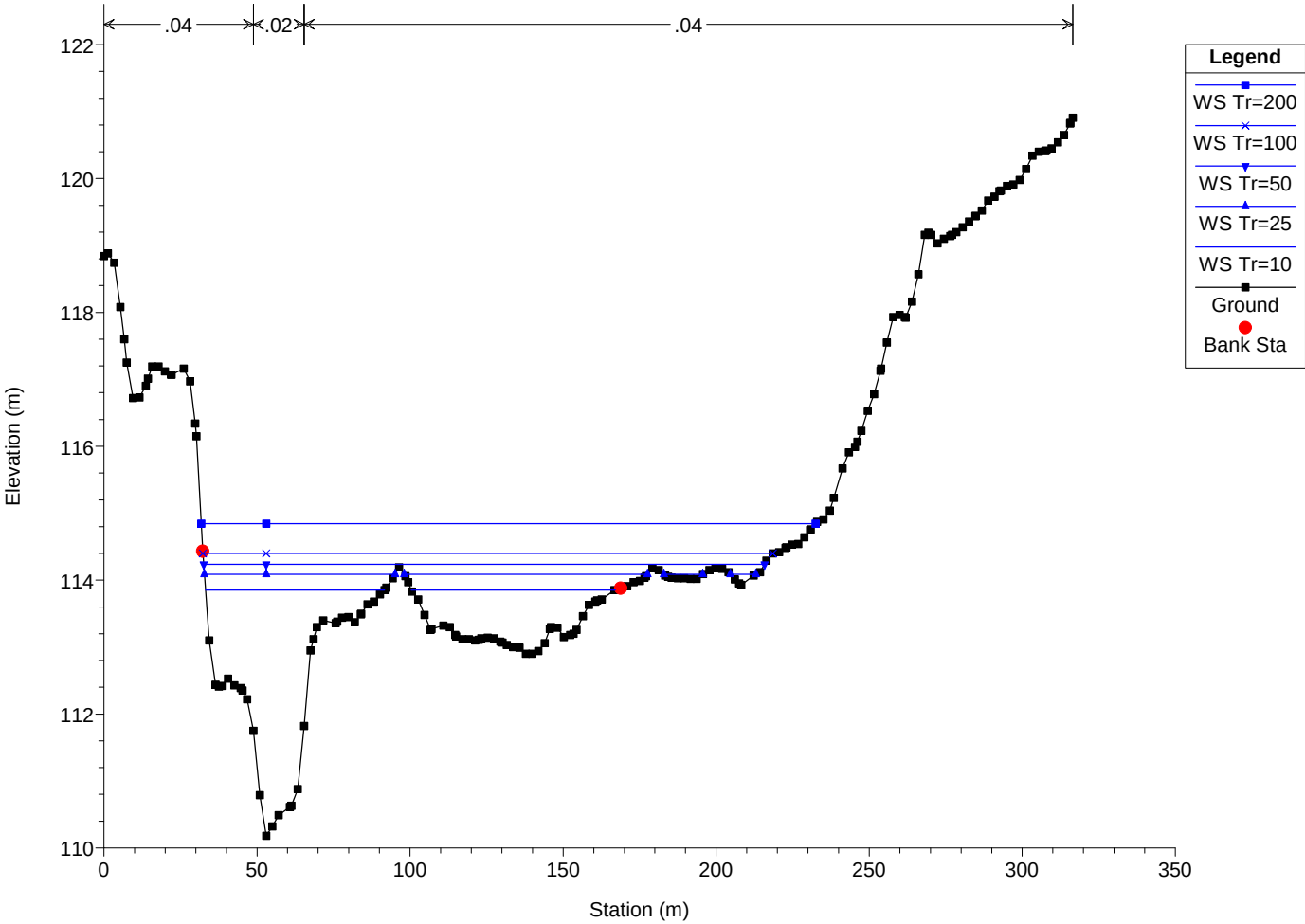
Cormor Udine Plan: Plan 02 10/7/2010
RS = 2000 SEZ 1 (Pr 21.70 m)



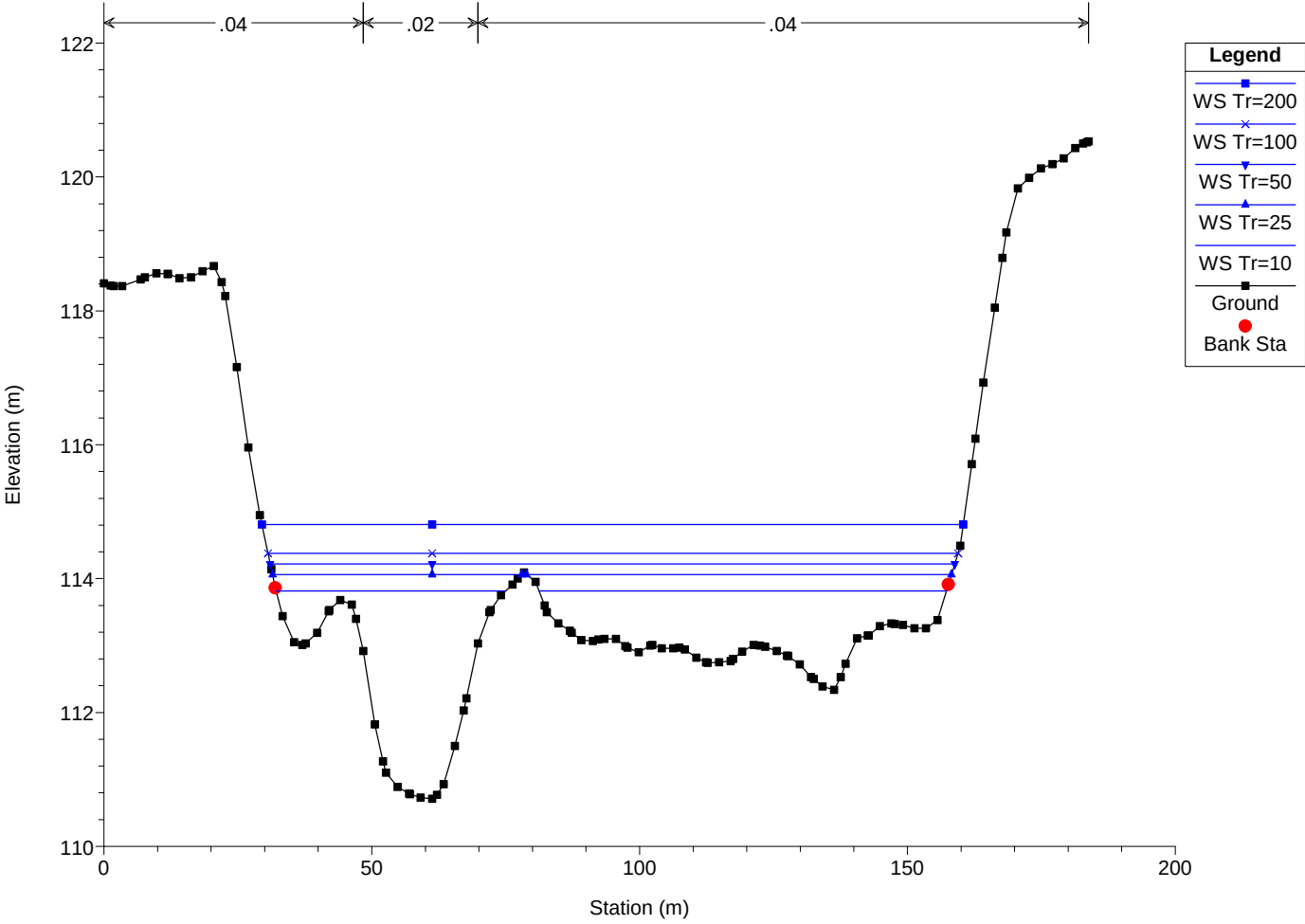
Cormor Udine Plan: Plan 02 10/7/2010
RS = 1990 SEZ 2 (Pr 153.54 m)



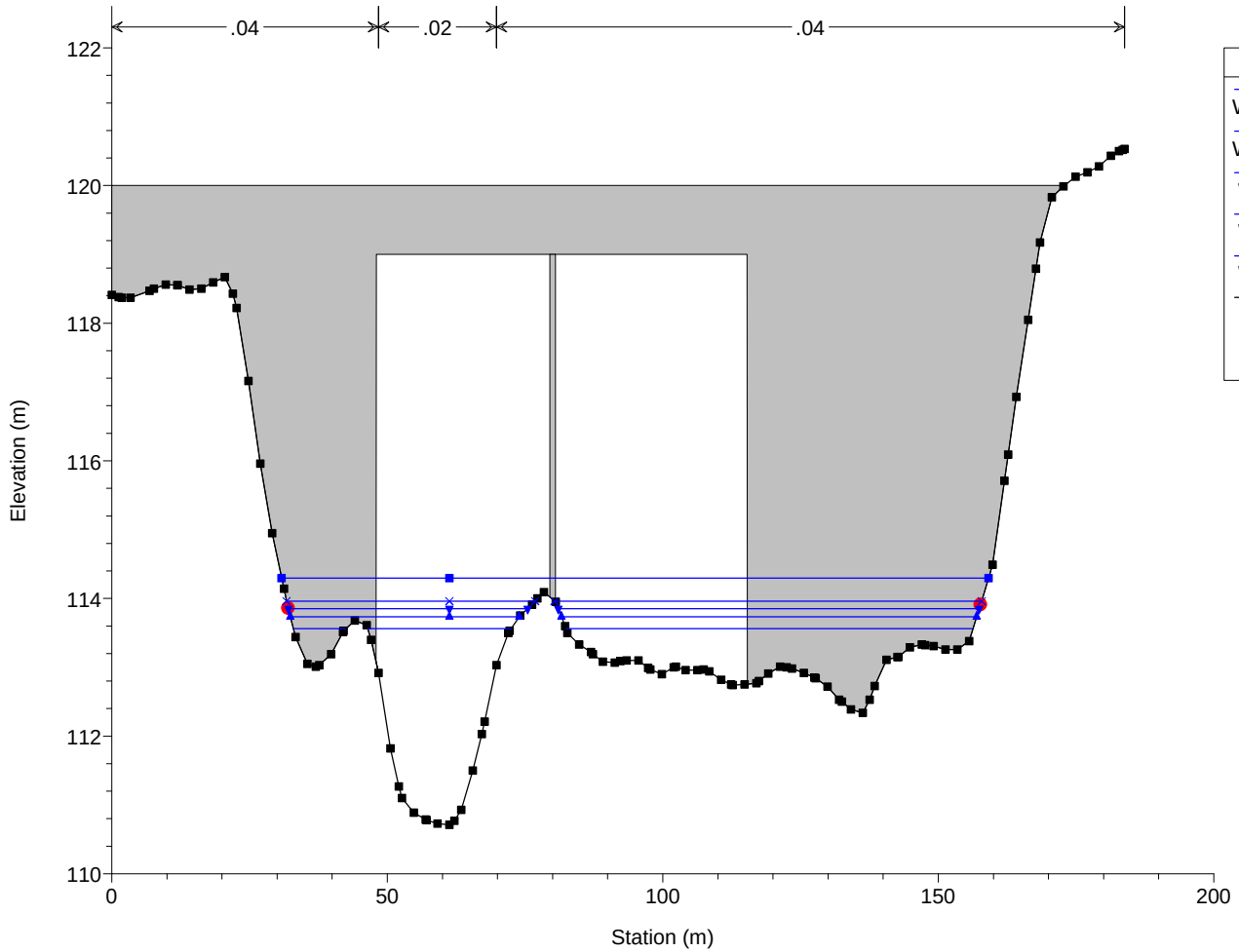
Cormor Udine Plan: Plan 02 10/7/2010
RS = 1980 SEZ 3 (Pr 390.43 m)



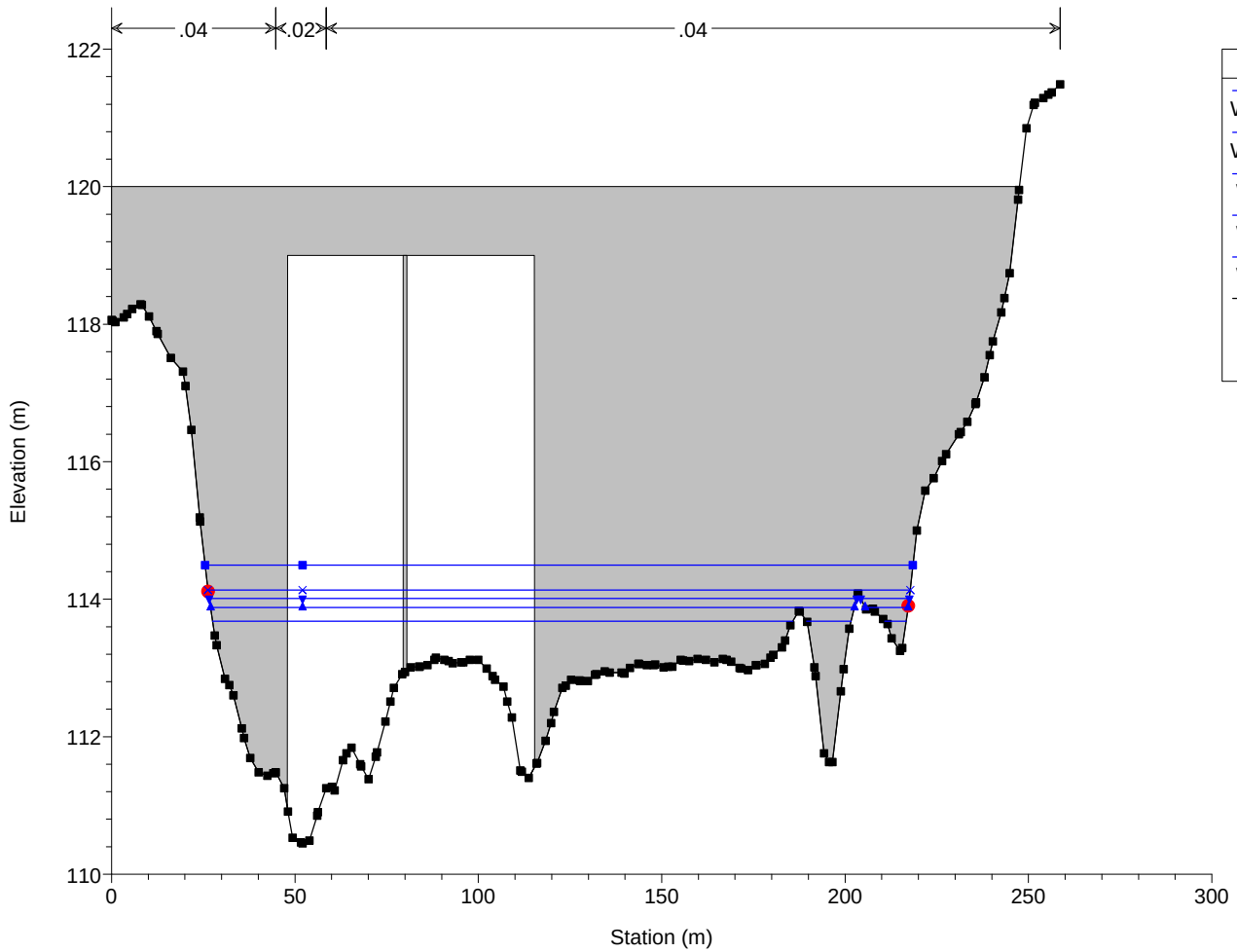
Cormor Udine Plan: Plan 02 10/7/2010
RS = 1970 SEZ 4 (Pr 488.94 m)



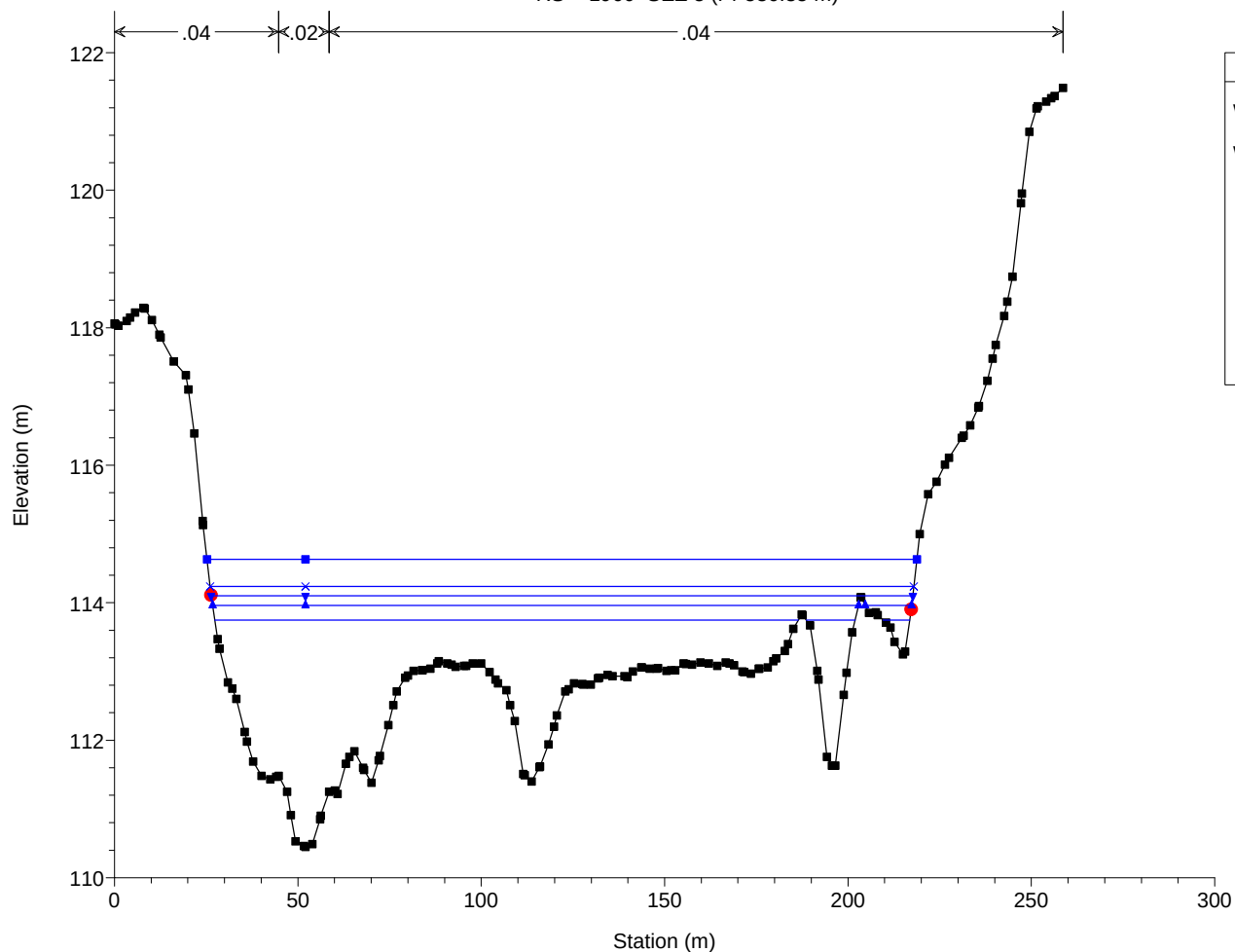
Cormor Udine Plan: Plan 02 10/7/2010
RS = 1965 BR Ponte canale Fiera



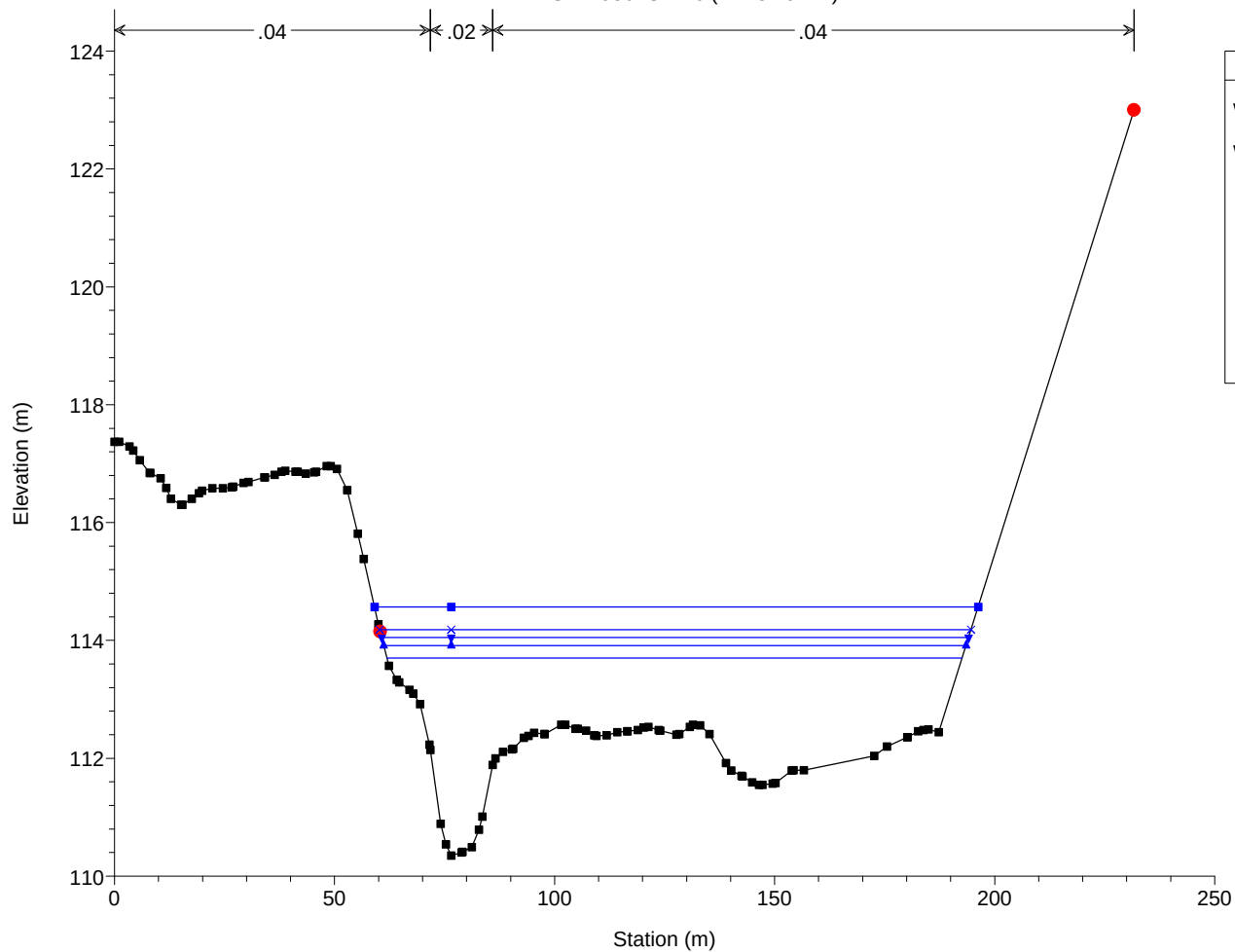
Cormor Udine Plan: Plan 02 10/7/2010
RS = 1965 BR Ponte canale Fiera



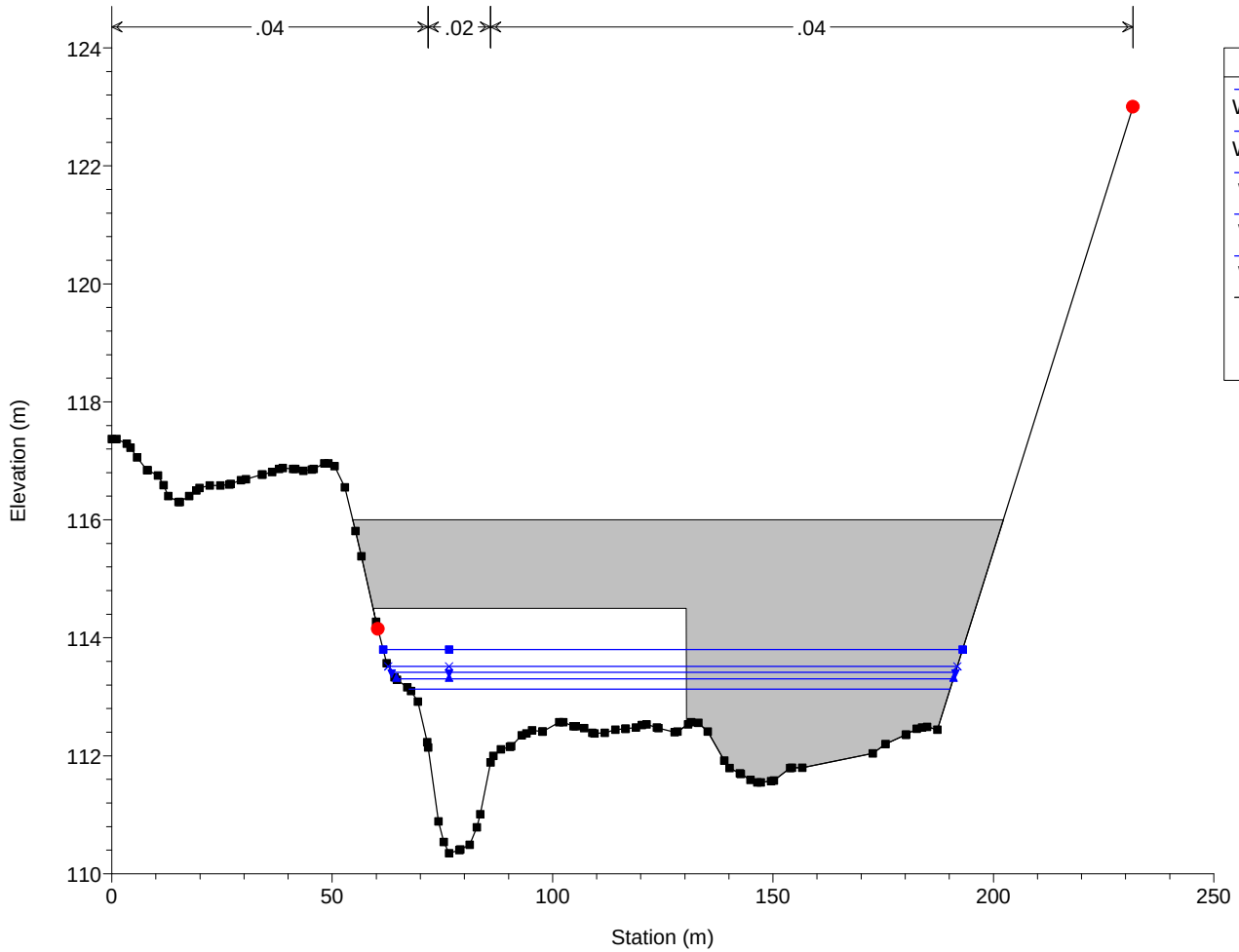
Cormor Udine Plan: Plan 02 10/7/2010
RS = 1960 SEZ 5 (Pr 586.35 m)



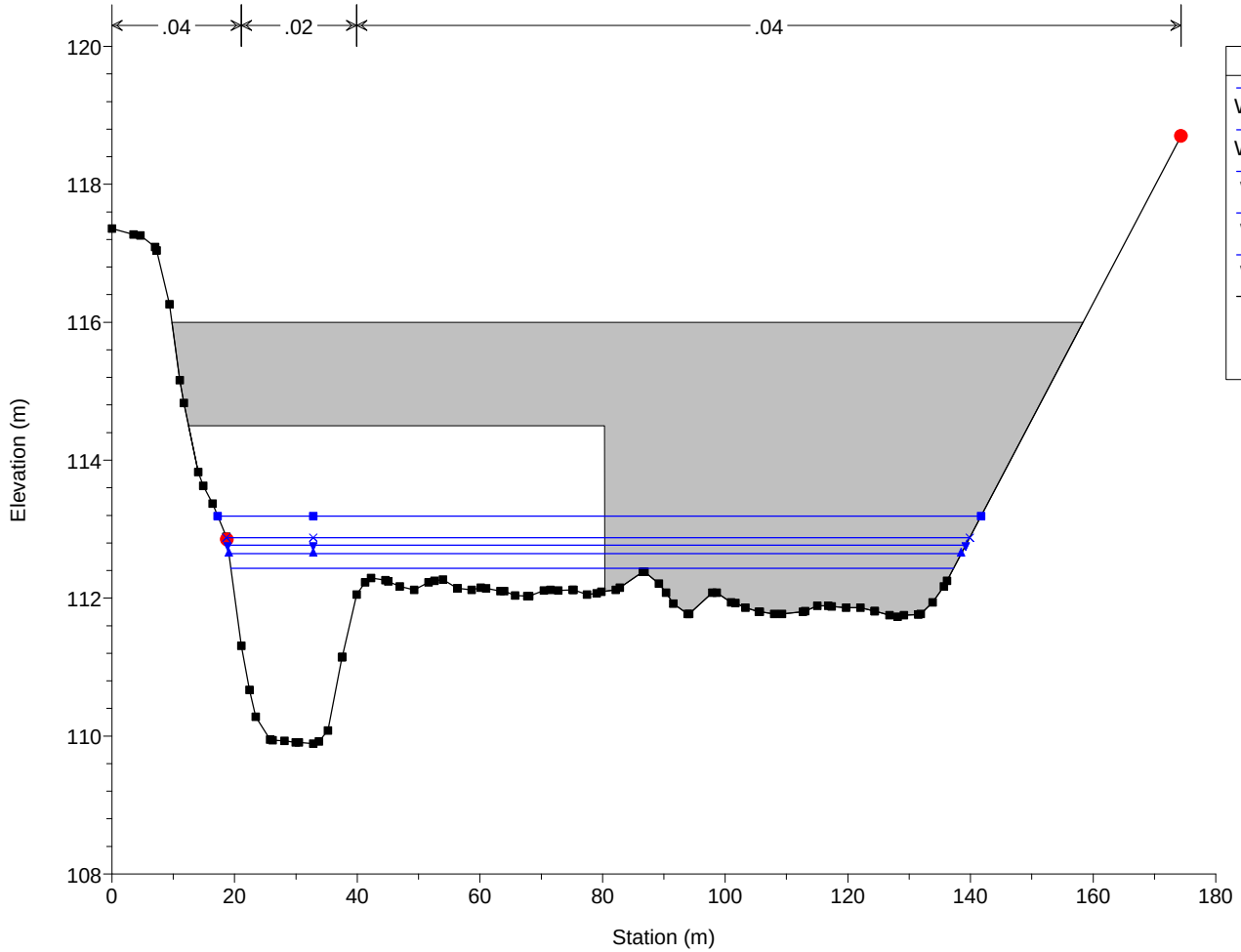
Cormor Udine Plan: Plan 02 10/7/2010
RS = 1950 SEZ 6 (Pr 784.92 m)



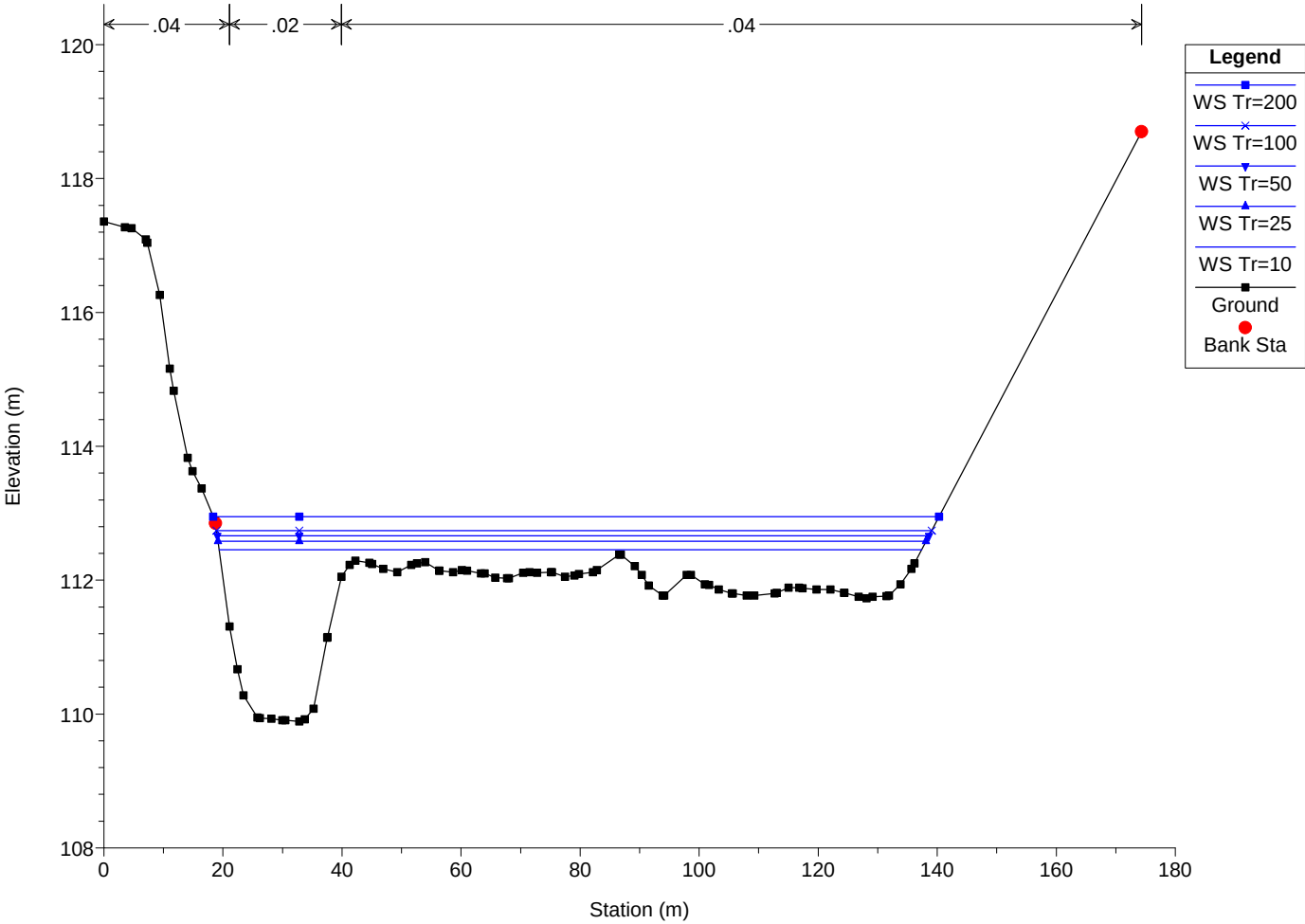
Cormor Udine Plan: Plan 02 10/7/2010
RS = 1945 BR Ponte Fiera Udine



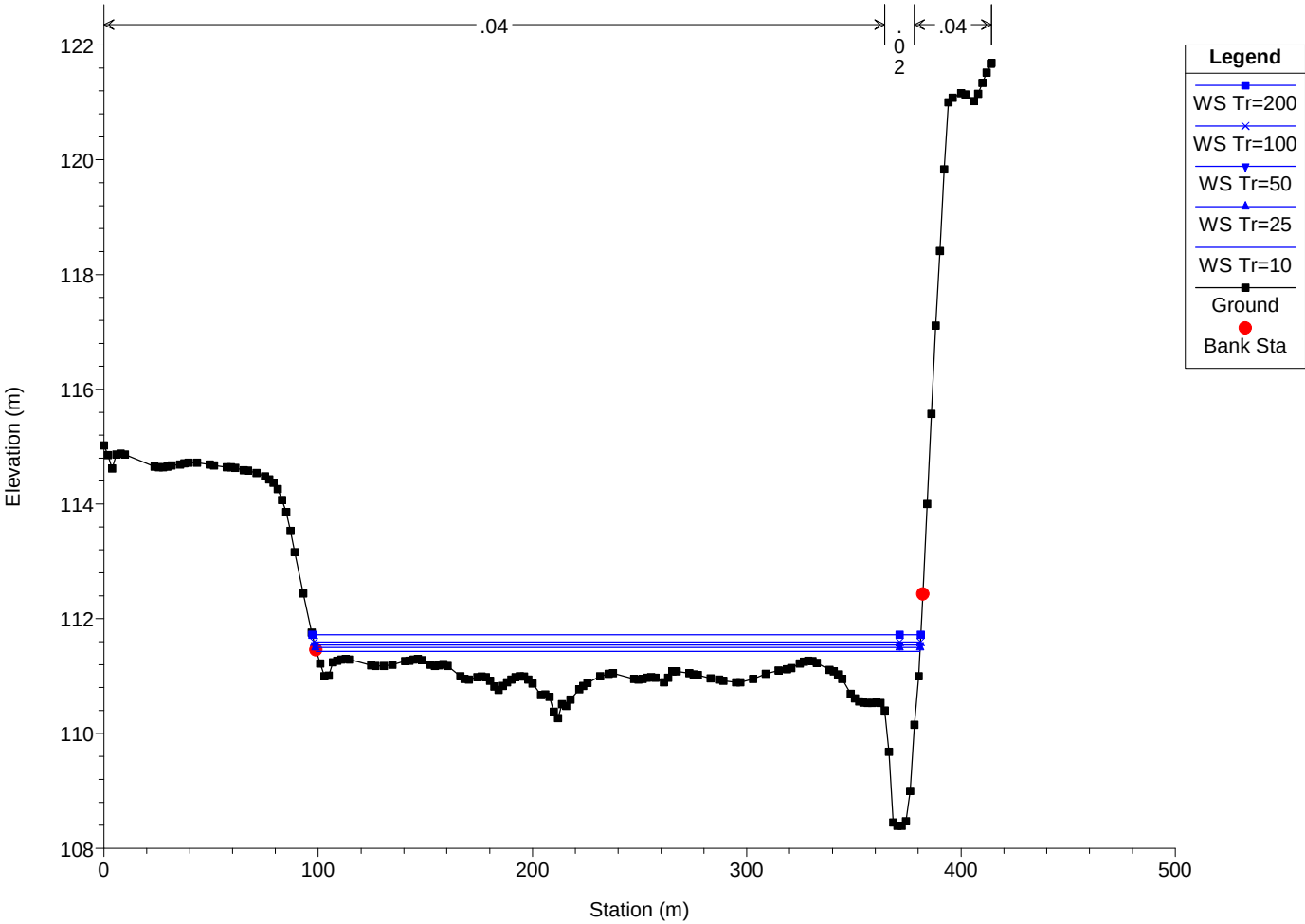
Cormor Udine Plan: Plan 02 10/7/2010
RS = 1945 BR Ponte Fiera Udine



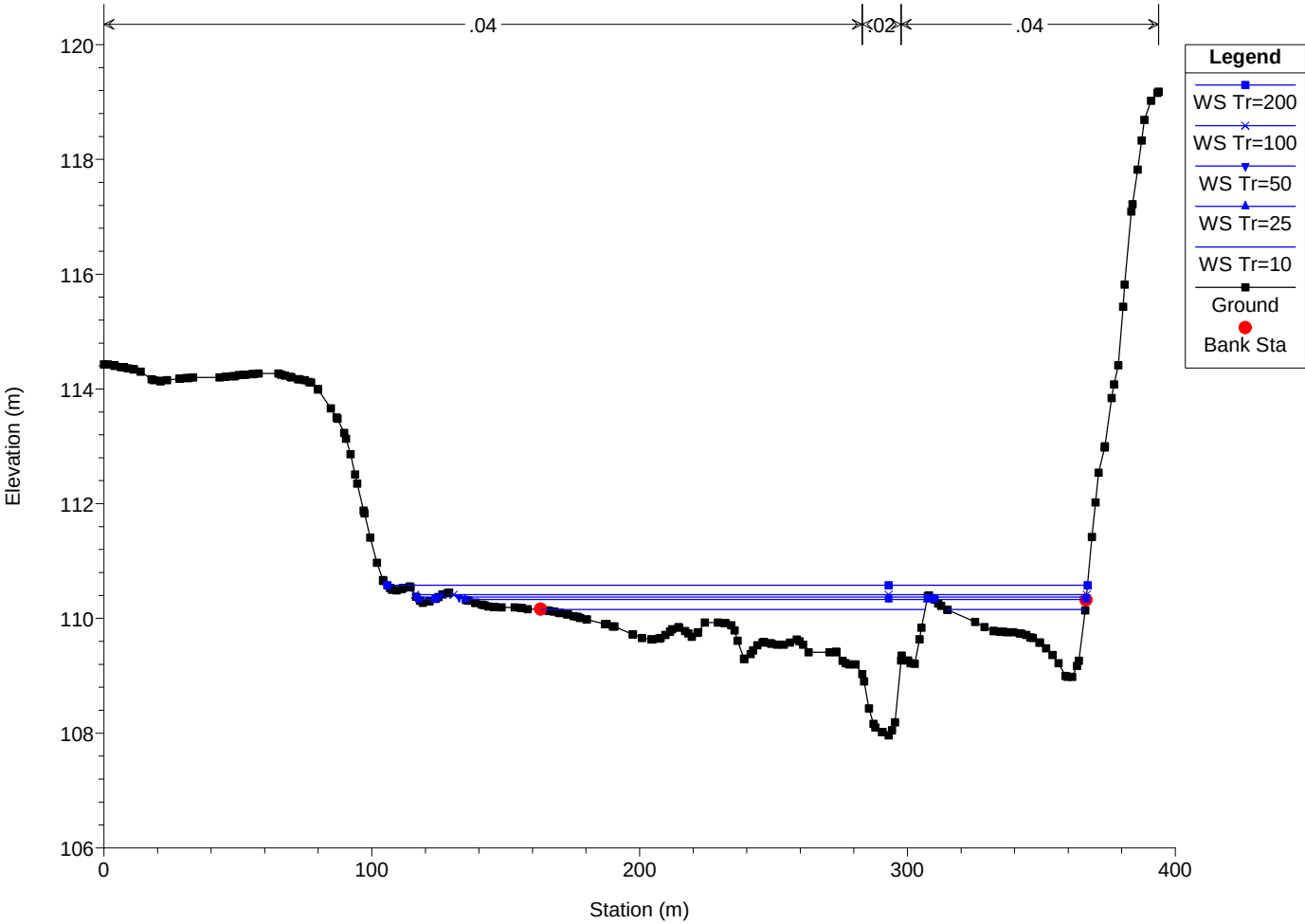
Cormor Udine Plan: Plan 02 10/7/2010
RS = 1940 SEZ 7 (Pr 883.47 m)



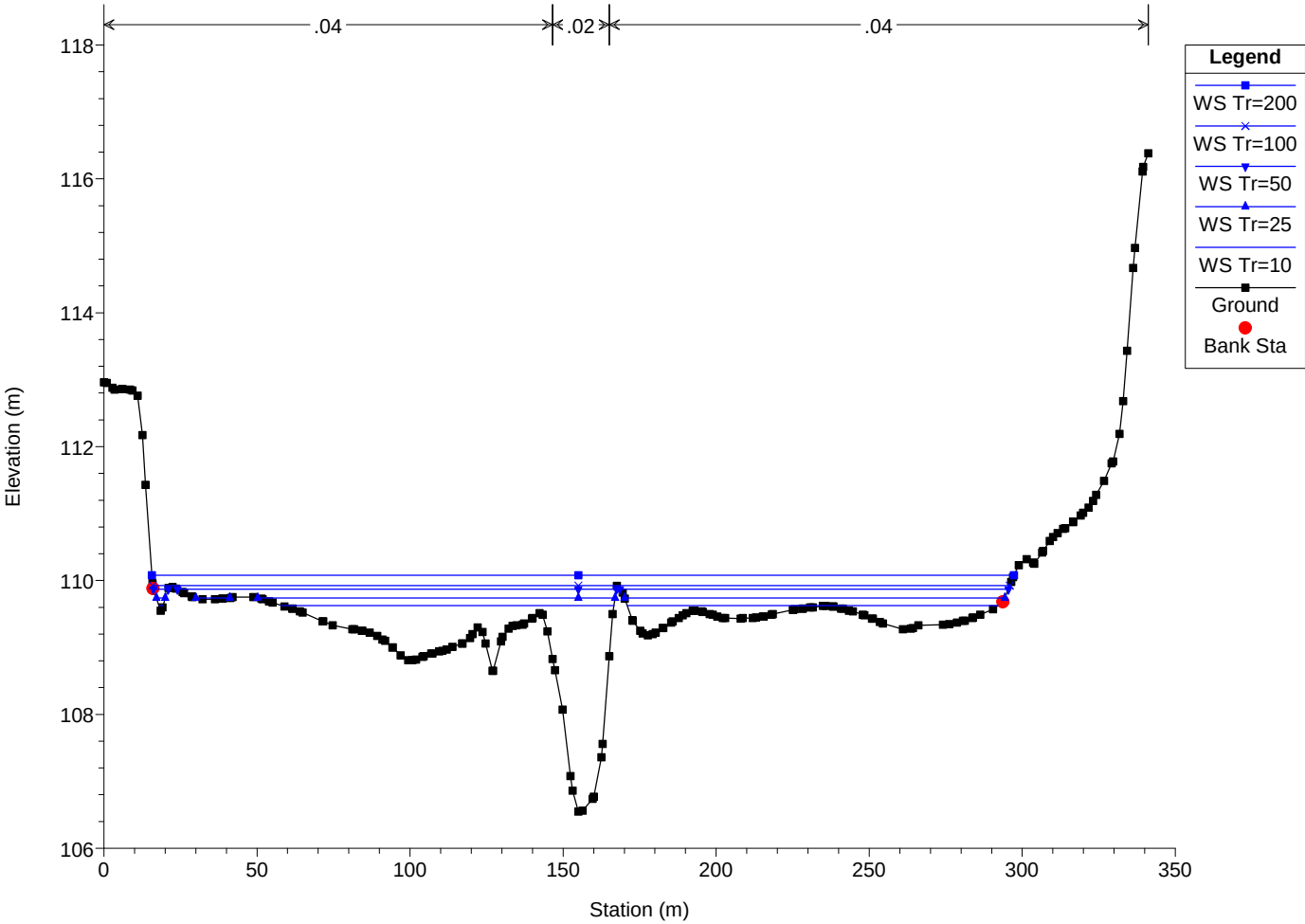
Cormor Udine Plan: Plan 02 10/7/2010
RS = 1930 SEZ 8 (Pr 1236.59 m)



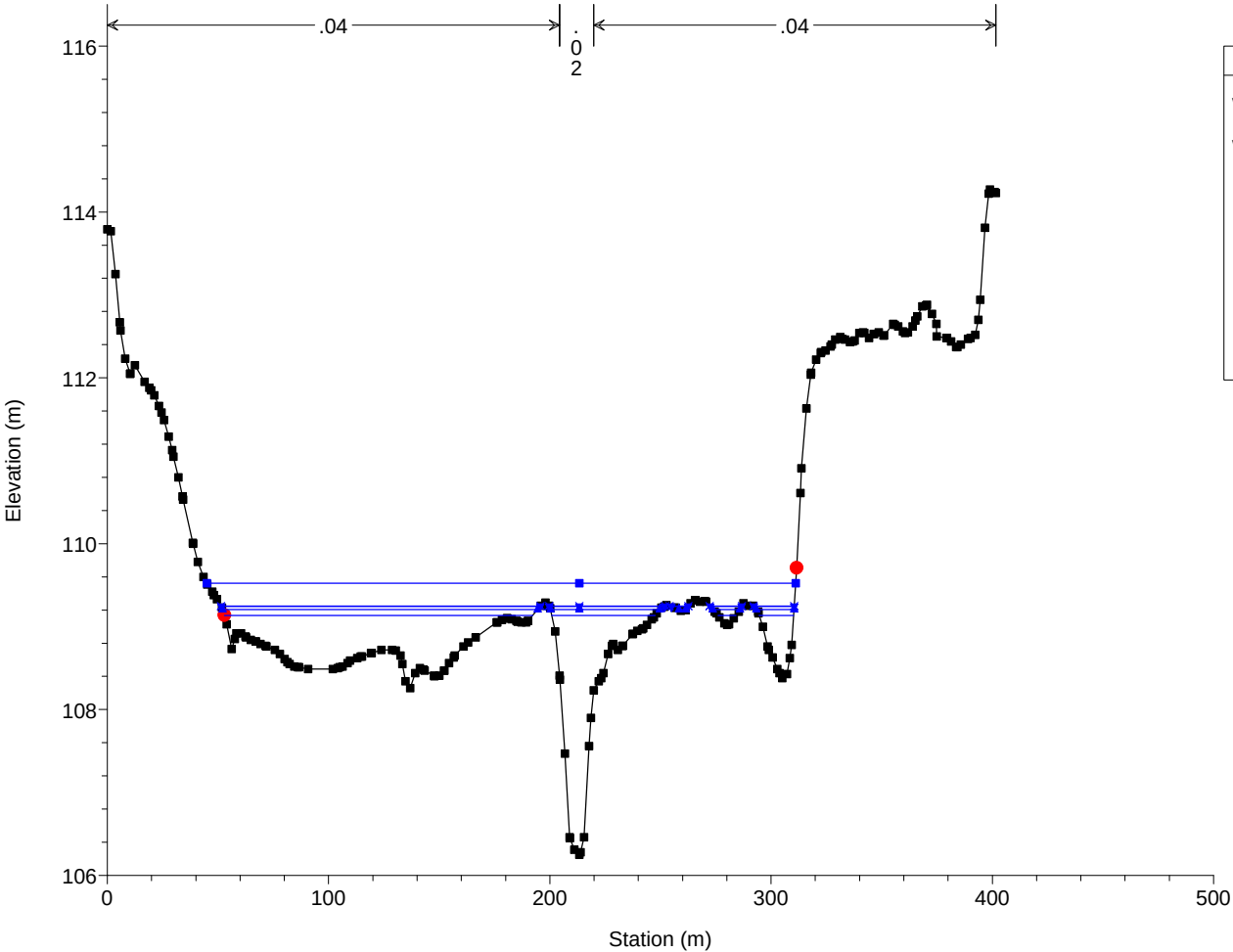
Cormor Udine Plan: Plan 02 10/7/2010
RS = 1920 SEZ 9 (Pr 1522.09 m)



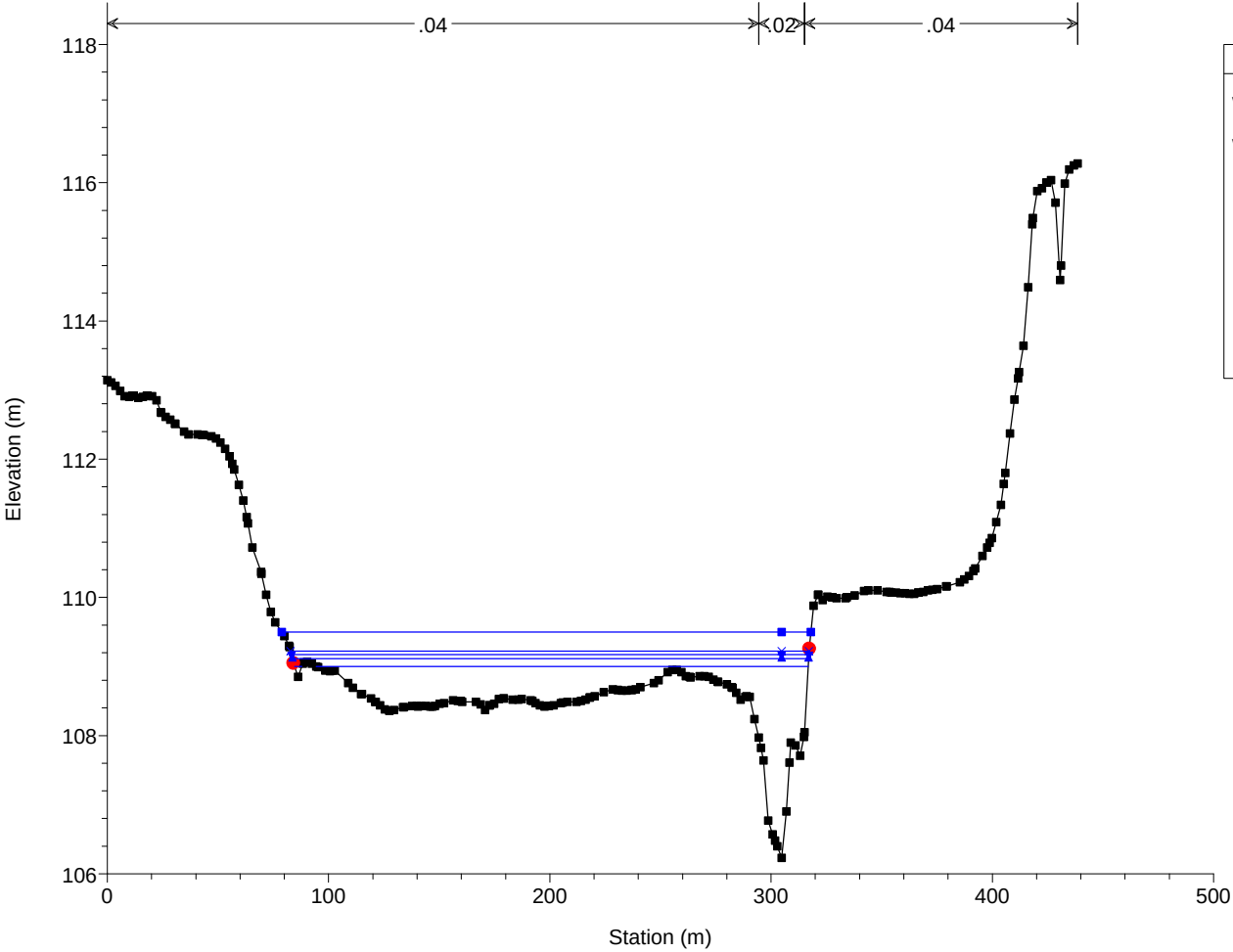
Cormor Udine Plan: Plan 02 10/7/2010
RS = 1910 SEZ 10 (Pr 1664.94 m)



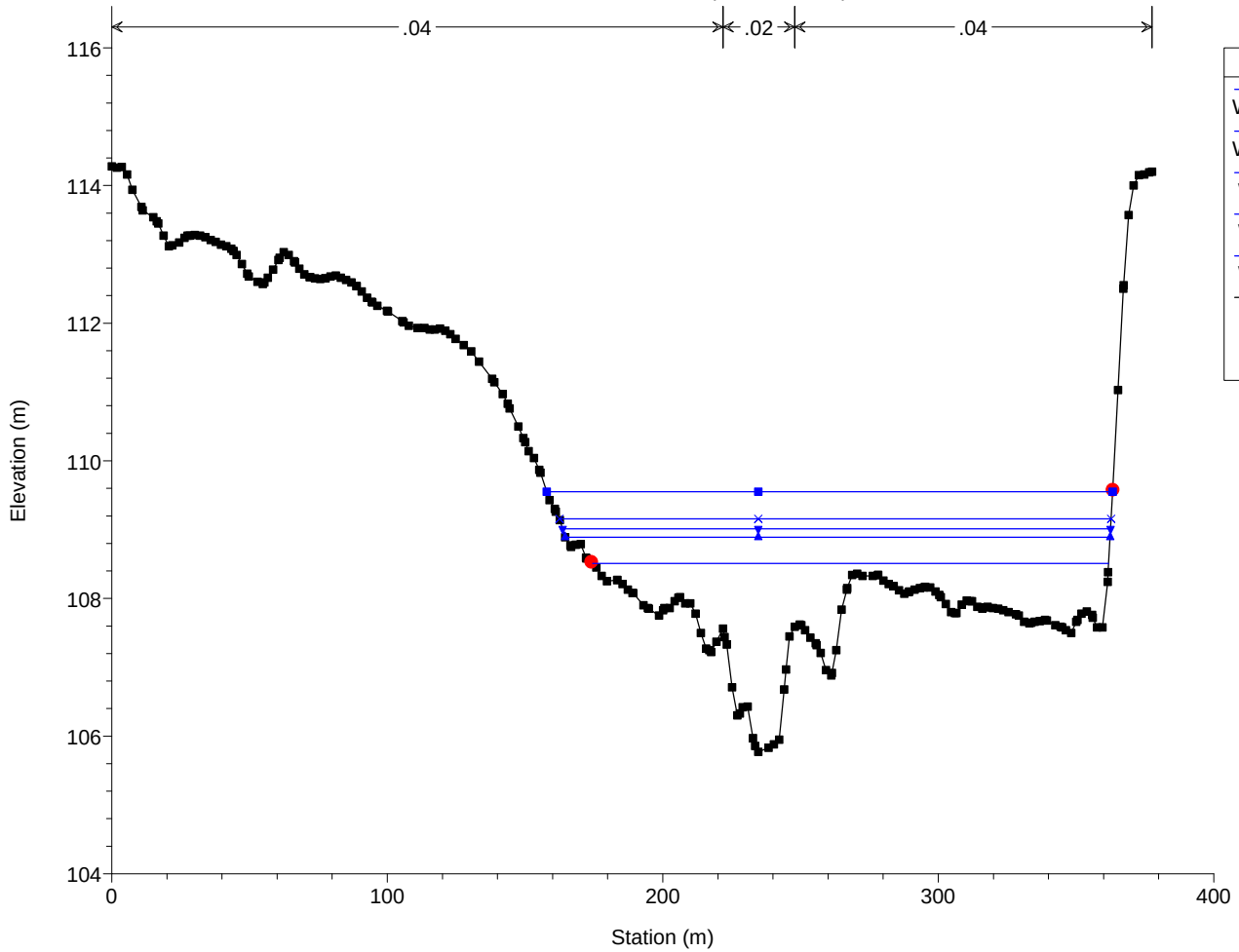
Cormor Udine Plan: Plan 02 10/7/2010
RS = 1900 SEZ 11 (Pr 1790.41 m)



Cormor Udine Plan: Plan 02 10/7/2010
RS = 1890 SEZ 12 (Pr 1945.11 m)

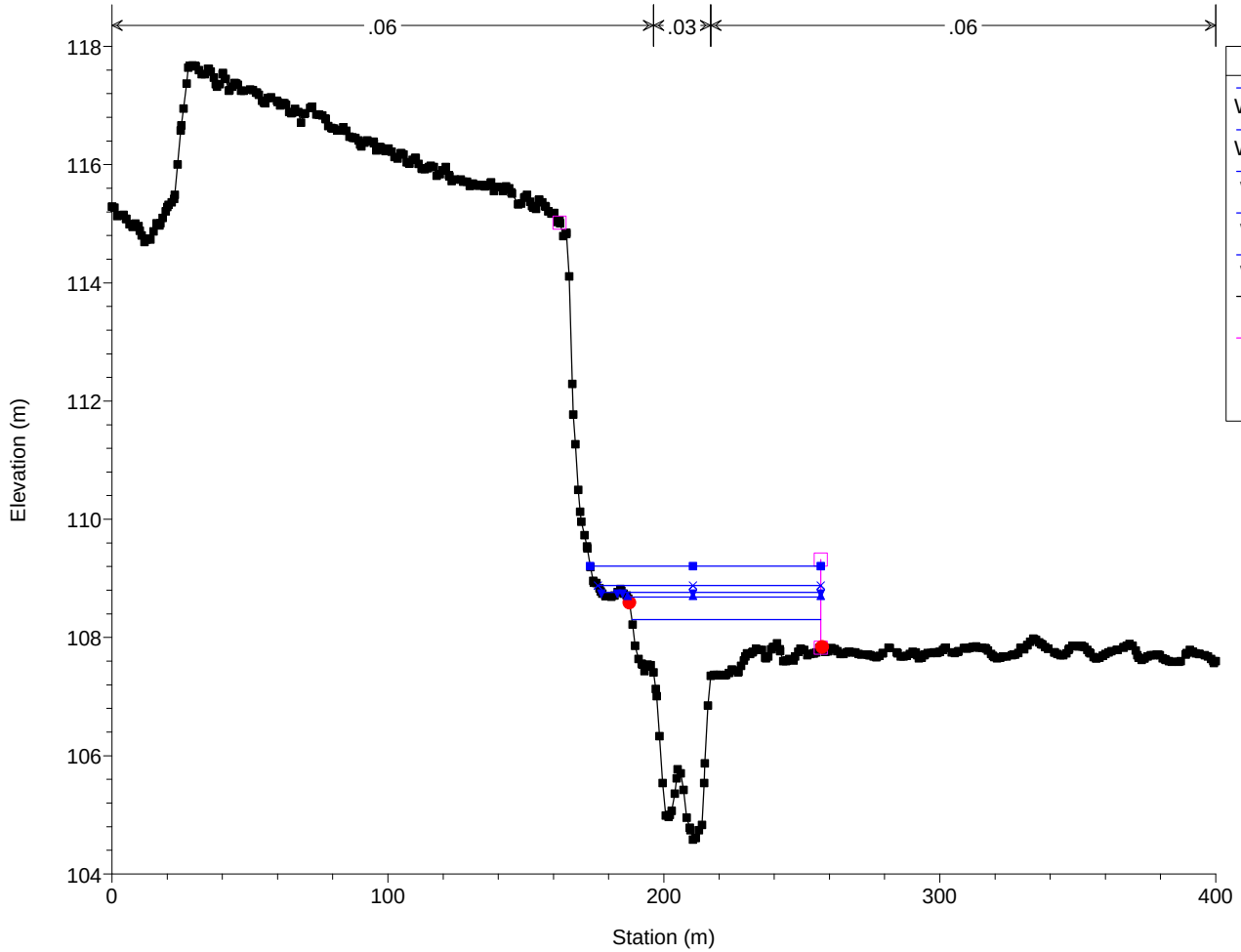


Cormor Udine Plan: Plan 02 10/7/2010
RS = 1880 SEZ 13 (Pr 2128.42 m)



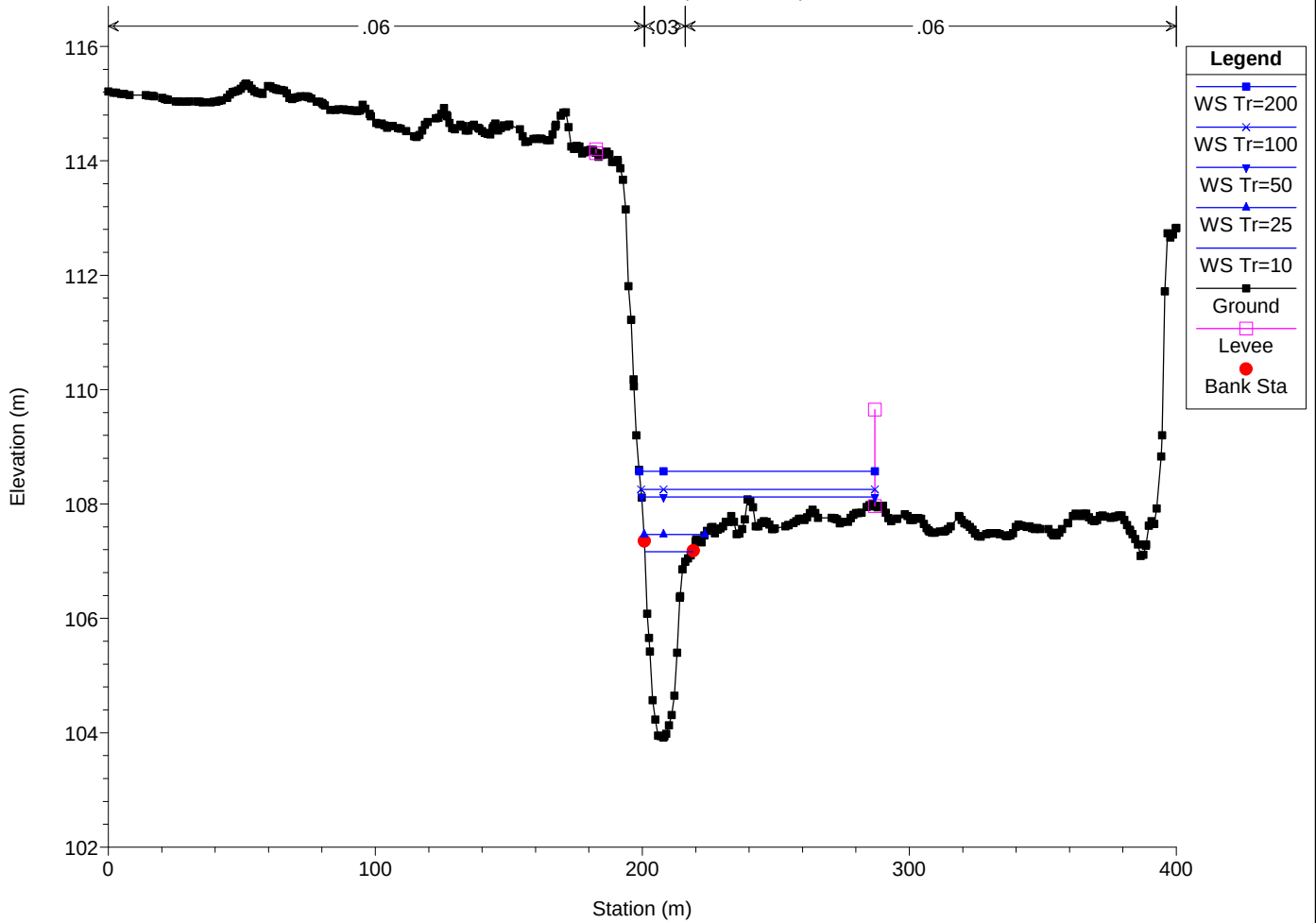
Legend	
WS Tr=200	■
WS Tr=100	×
WS Tr=50	▼
WS Tr=25	▲
WS Tr=10	—
Ground	■
Bank Sta	●

Cormor Udine Plan: Plan 02 10/7/2010
RS = 990 SEZ 2 (Pr 50.00 m)

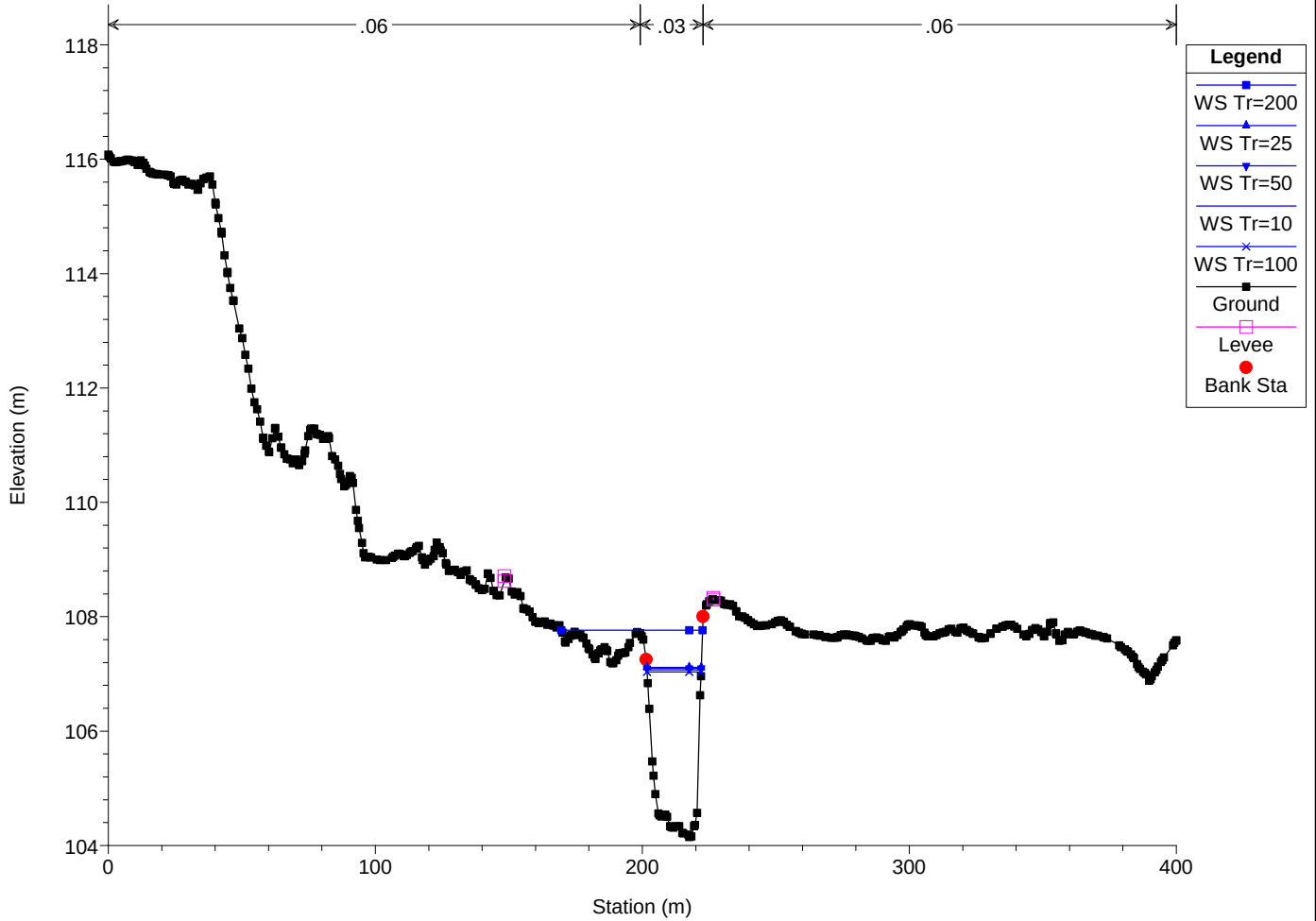


Legend	
WS Tr=200	■
WS Tr=100	×
WS Tr=50	▼
WS Tr=25	▲
WS Tr=10	—
Ground	■
Levee	□
Bank Sta	●

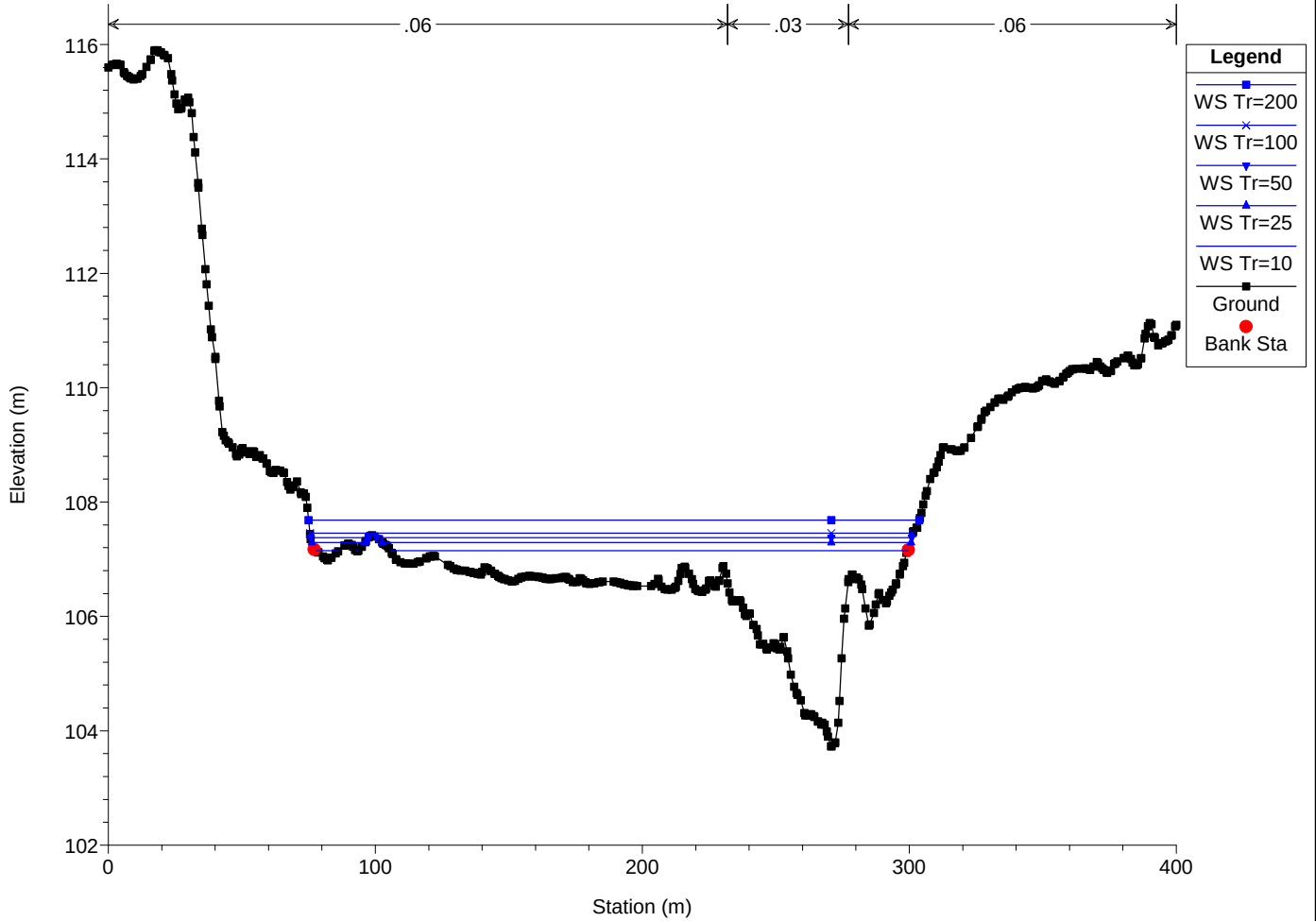
Cormor Udine Plan: Plan 02 10/7/2010
RS = 980 SEZ 3 (Pr 150.00 m)



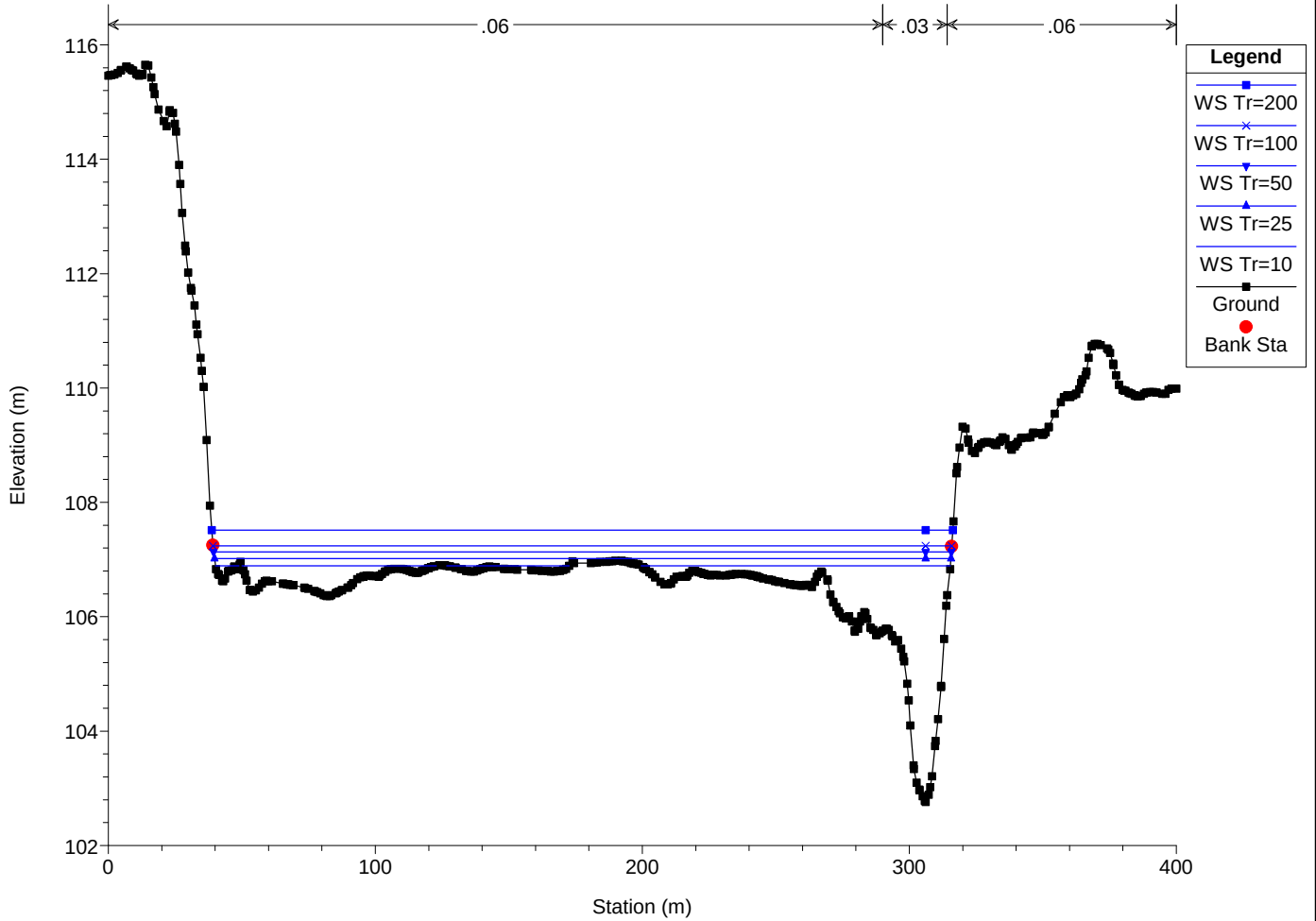
Cormor Udine Plan: Plan 02 10/7/2010
RS = 970 SEZ 4 (Pr 250.00 m)



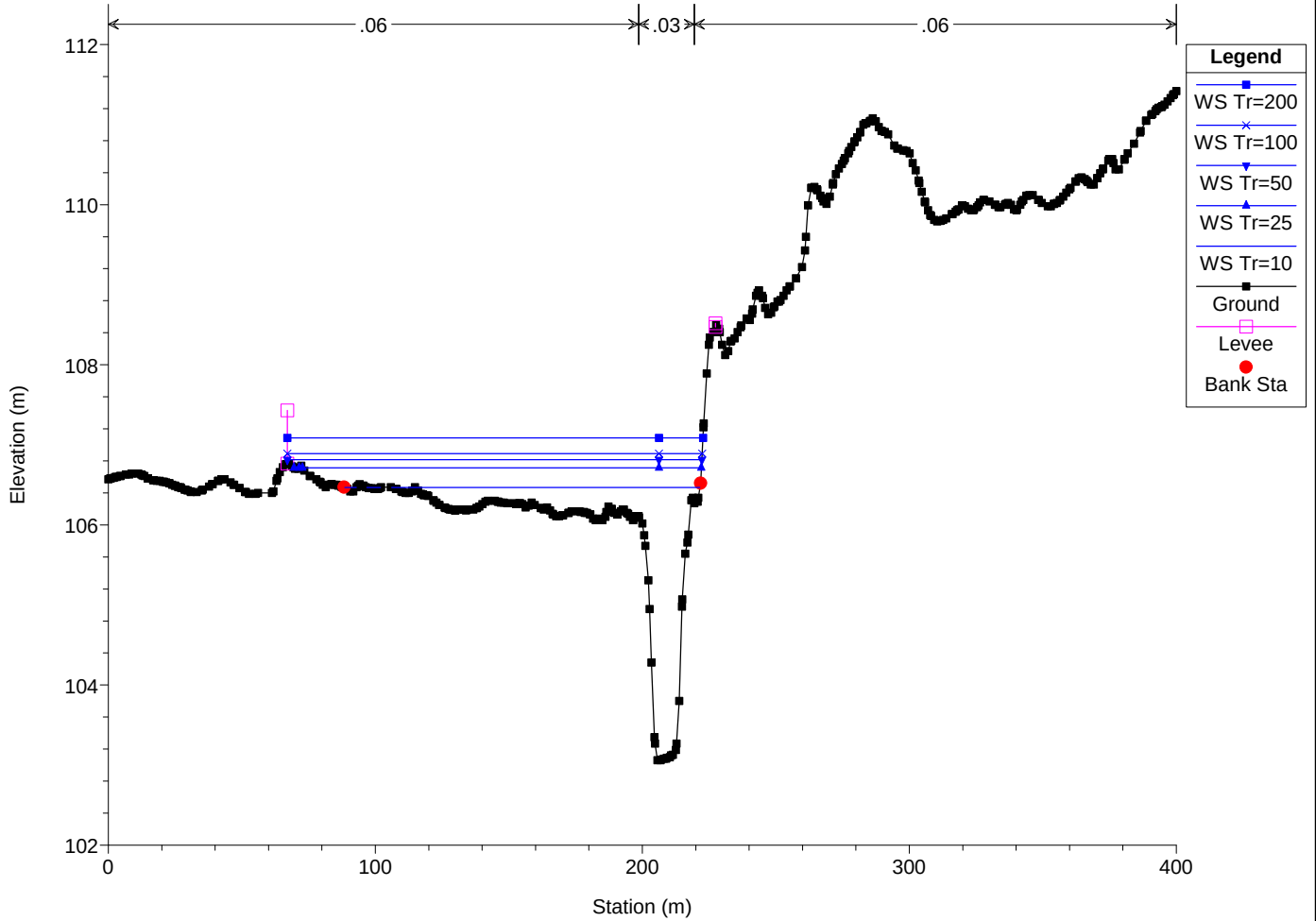
Cormor Udine Plan: Plan 02 10/7/2010
RS = 960 SEZ 5 (Pr 399.88 m)



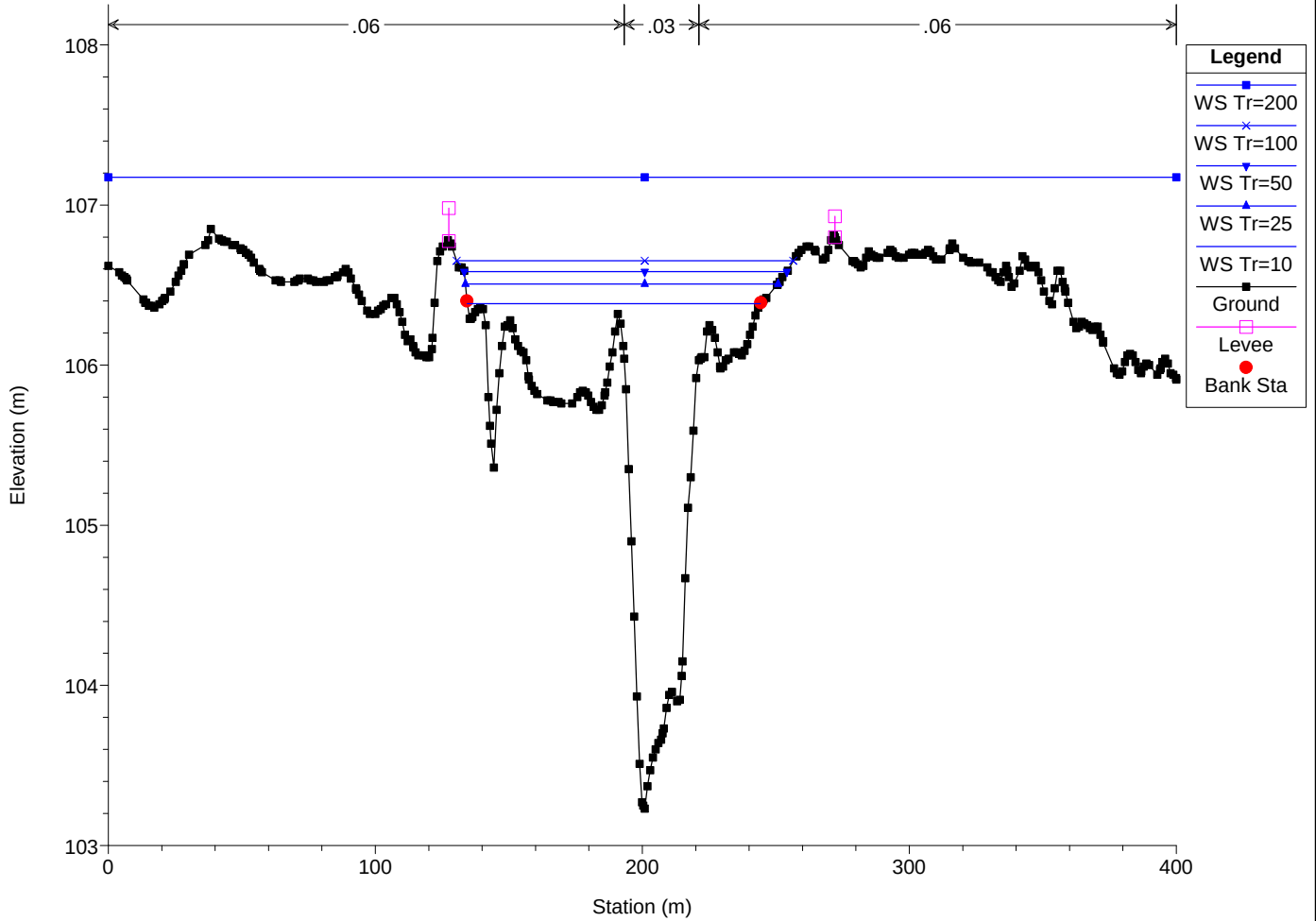
Cormor Udine Plan: Plan 02 10/7/2010
RS = 950 SEZ 6 (Pr 500.89 m)



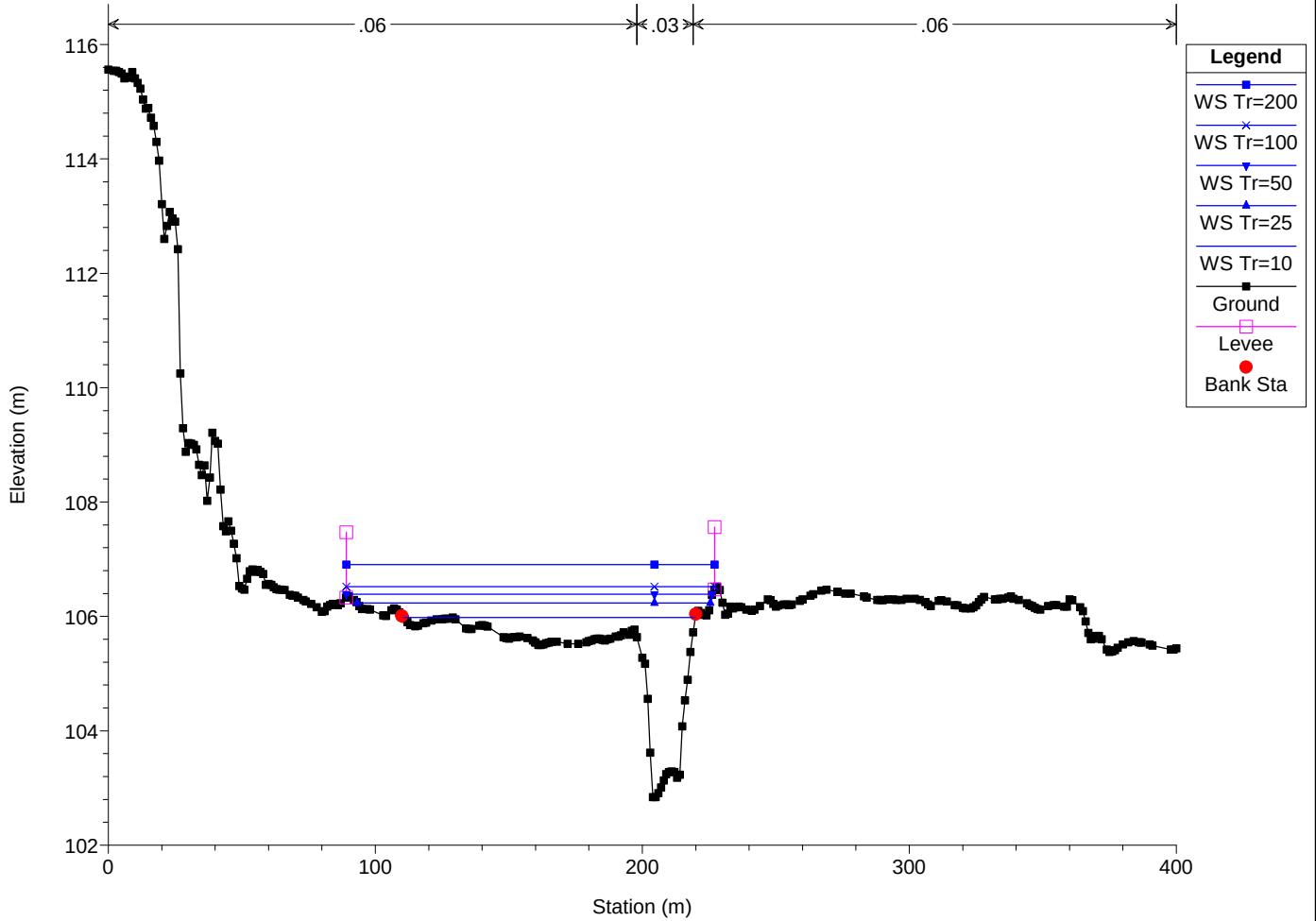
Cormor Udine Plan: Plan 02 10/7/2010
RS = 940 SEZ 7 (Pr 550.00 m)



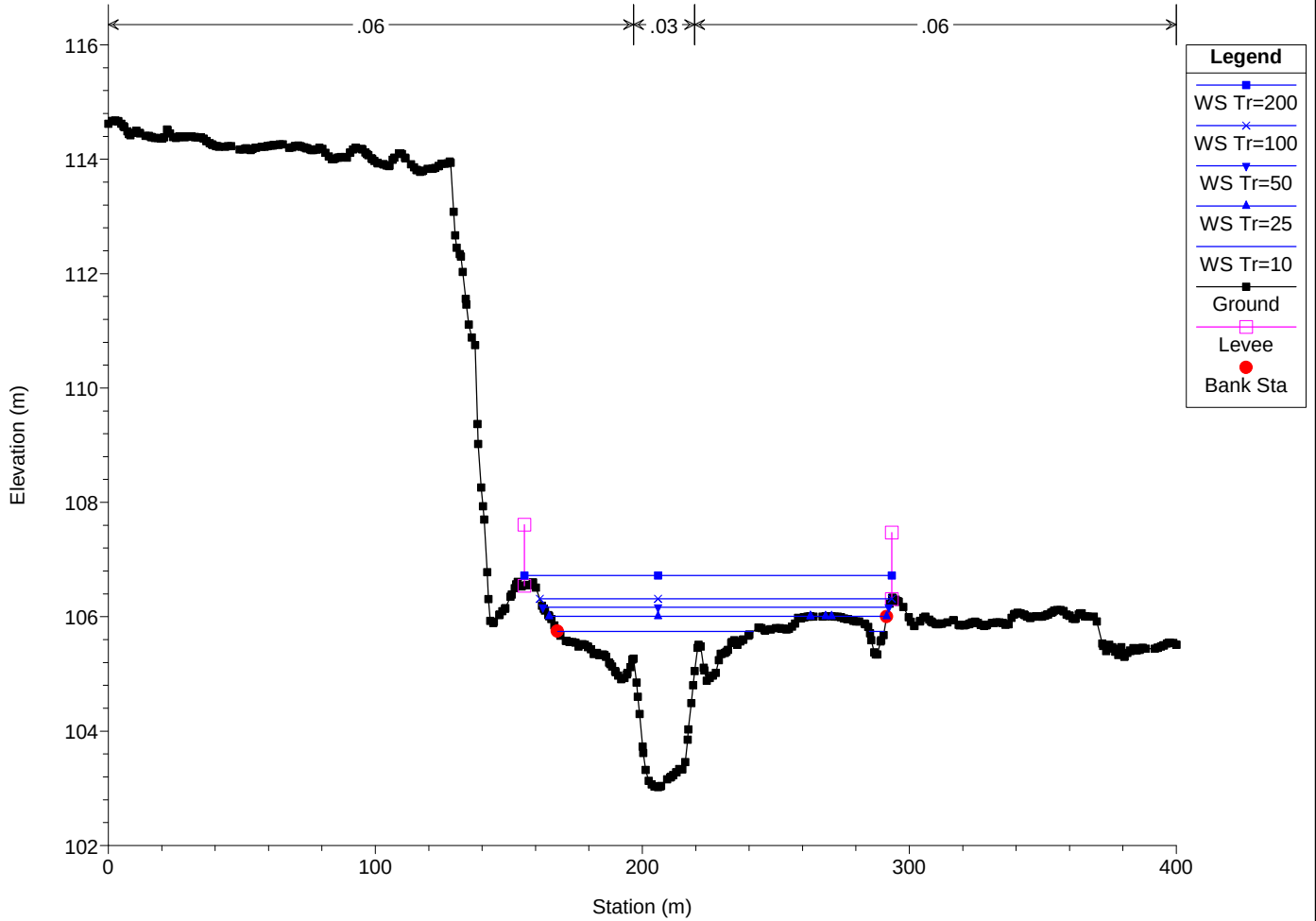
Cormor Udine Plan: Plan 02 10/7/2010
RS = 930 SEZ 8 (Pr 650.00 m)



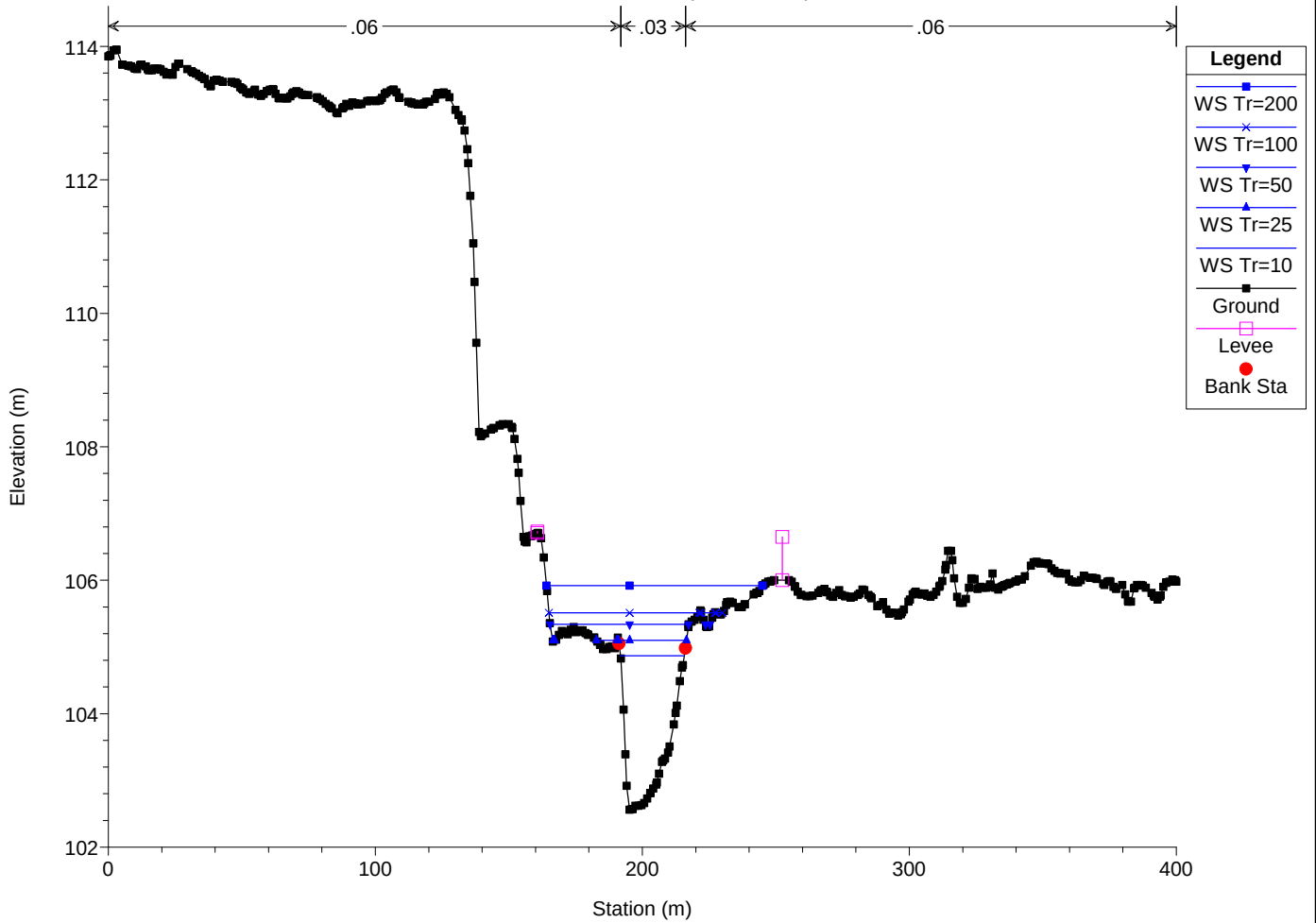
Cormor Udine Plan: Plan 02 10/7/2010
RS = 920 SEZ 9 (Pr 700.00 m)



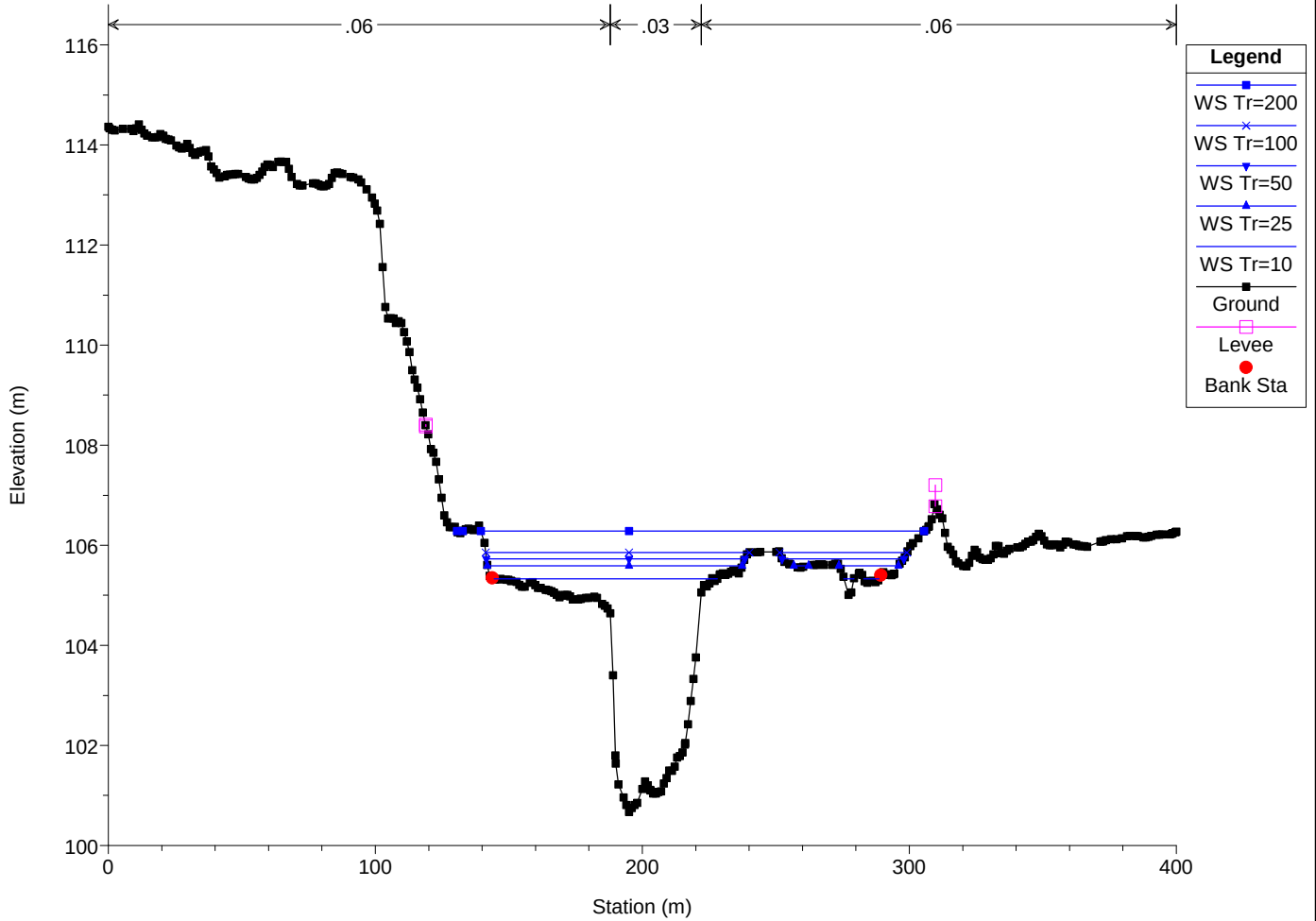
Cormor Udine Plan: Plan 02 10/7/2010
RS = 910 SEZ 10 (Pr 800.00 m)



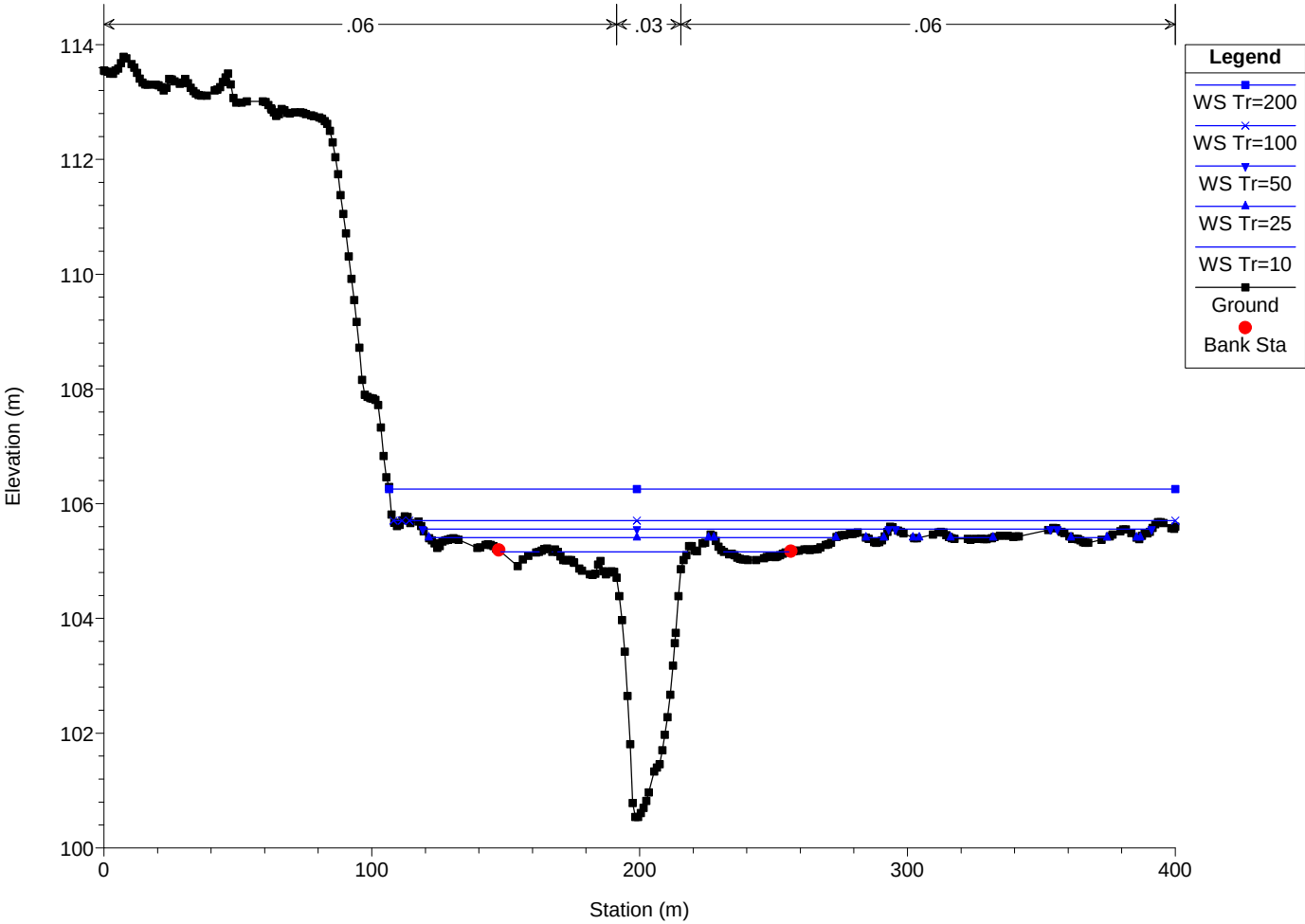
Cormor Udine Plan: Plan 02 10/7/2010
RS = 900 SEZ 11 (Pr 900.00 m)



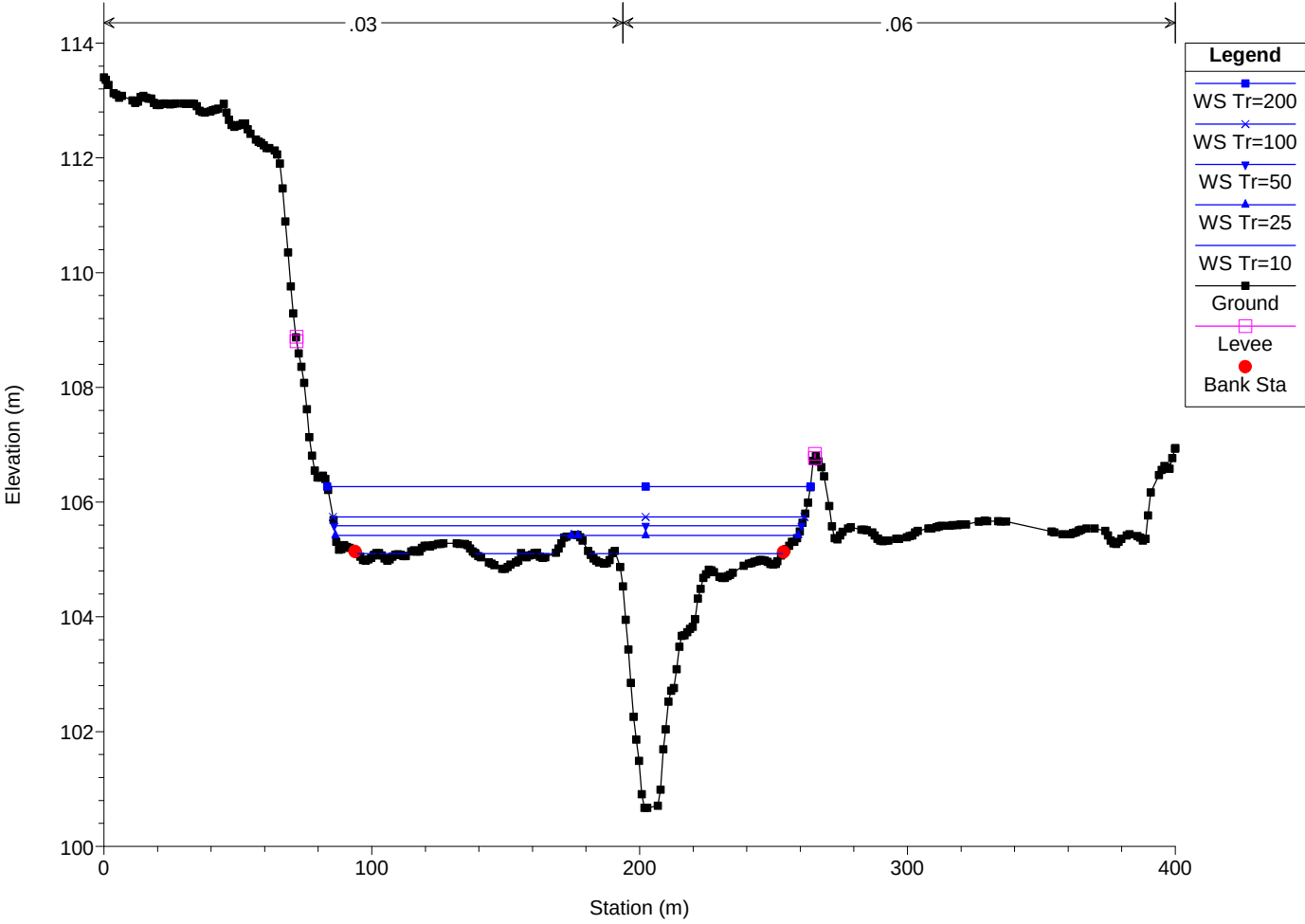
Cormor Udine Plan: Plan 02 10/7/2010
RS = 890 SEZ 12 (Pr 950.00 m)



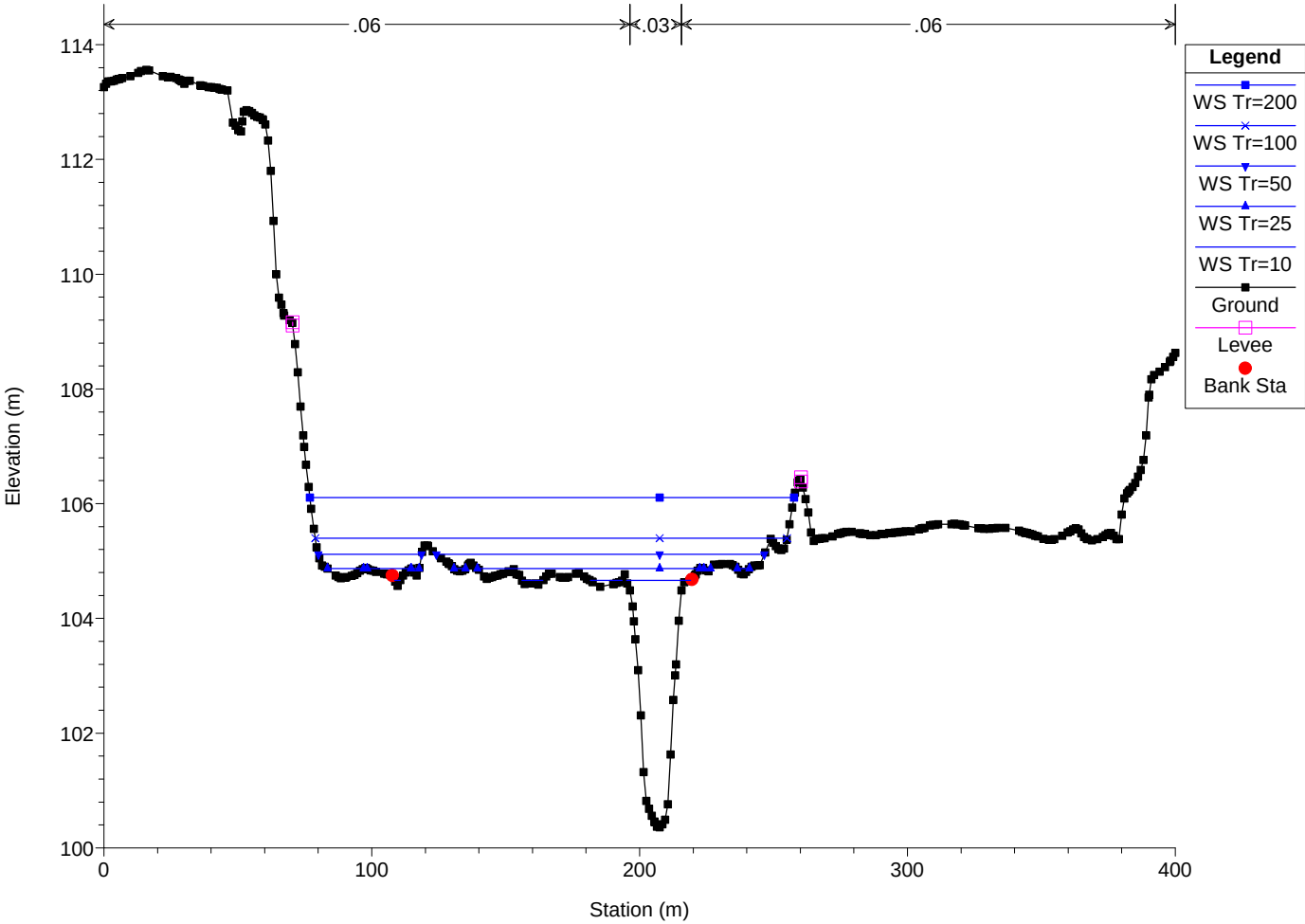
Cormor Udine Plan: Plan 02 10/7/2010
RS = 880 SEZ 13 (Pr 1000.00 m)



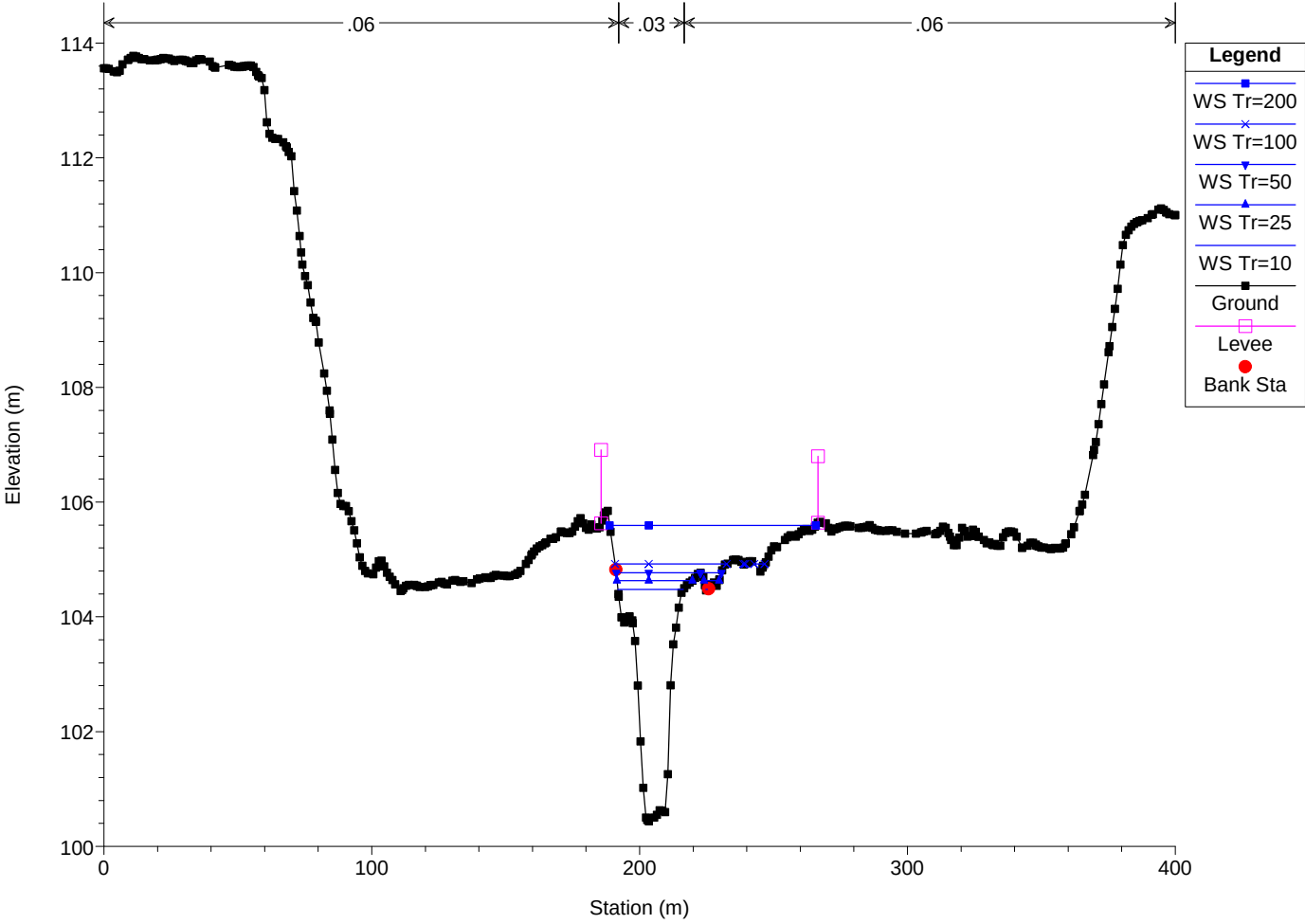
Cormor Udine Plan: Plan 02 10/7/2010
RS = 870 SEZ 14 (Pr 1050.00 m)



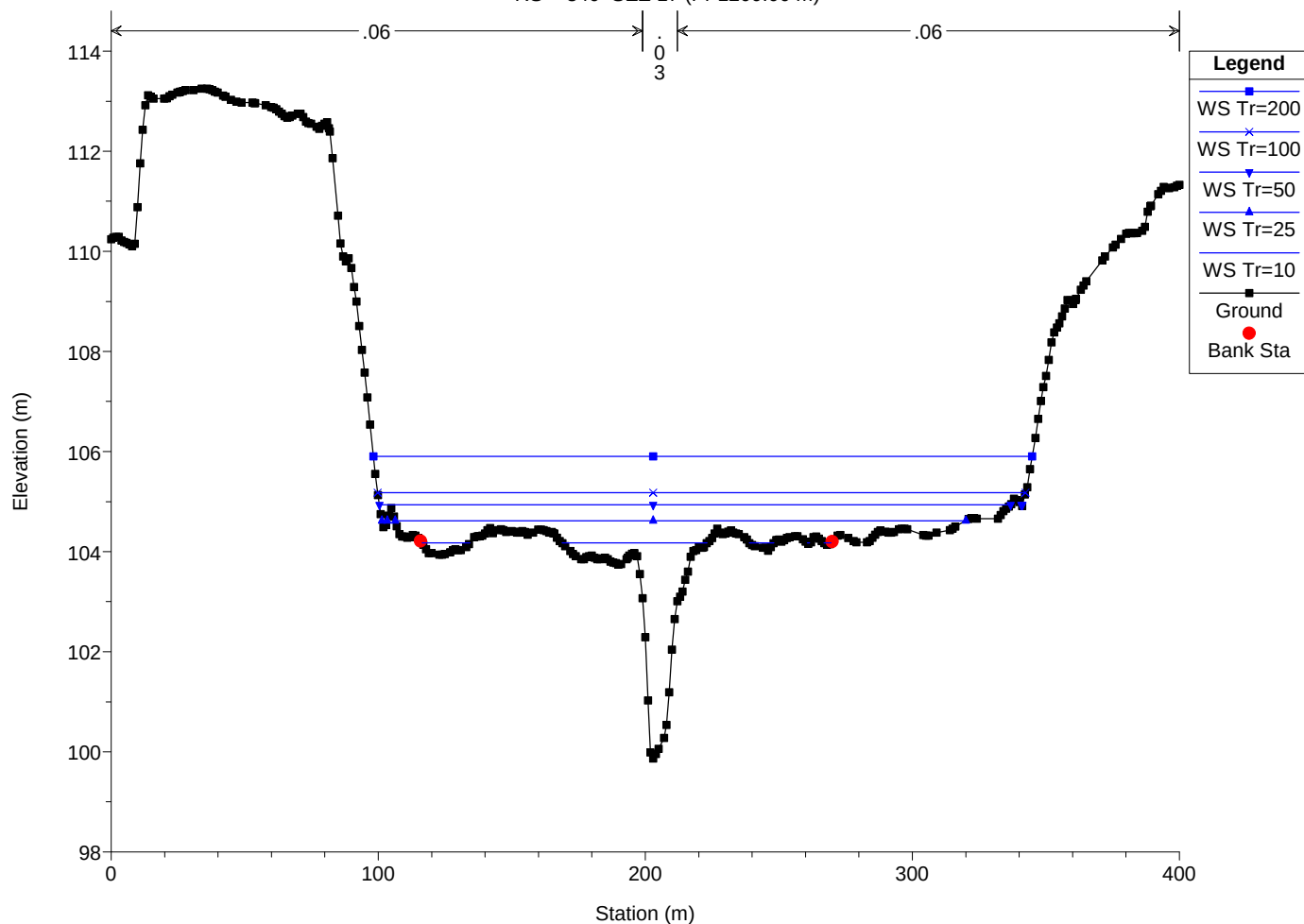
Cormor Udine Plan: Plan 02 10/7/2010
RS = 860 SEZ 15 (Pr 1100.00 m)



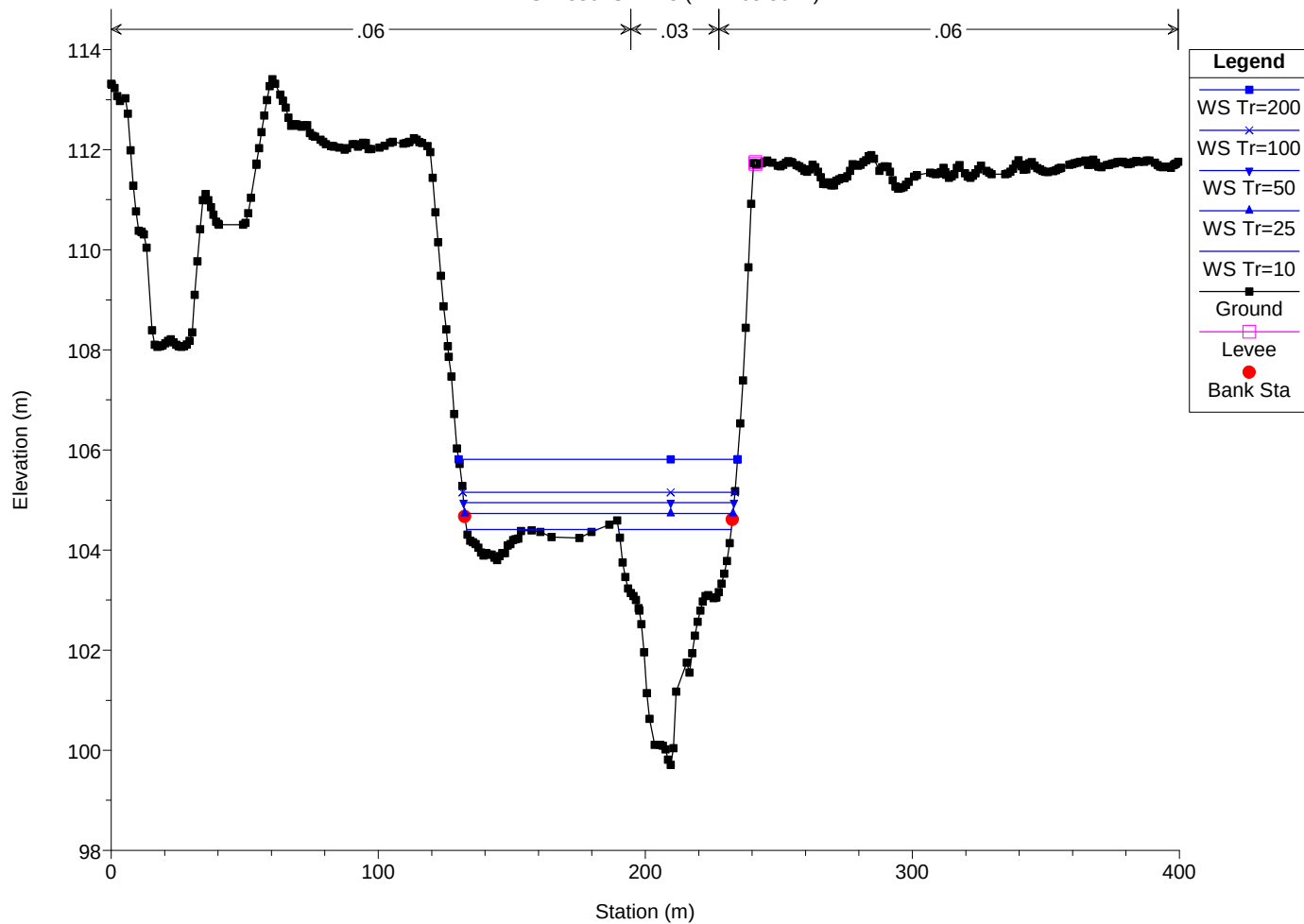
Cormor Udine Plan: Plan 02 10/7/2010
RS = 850 SEZ 16 (Pr 1150.00 m)



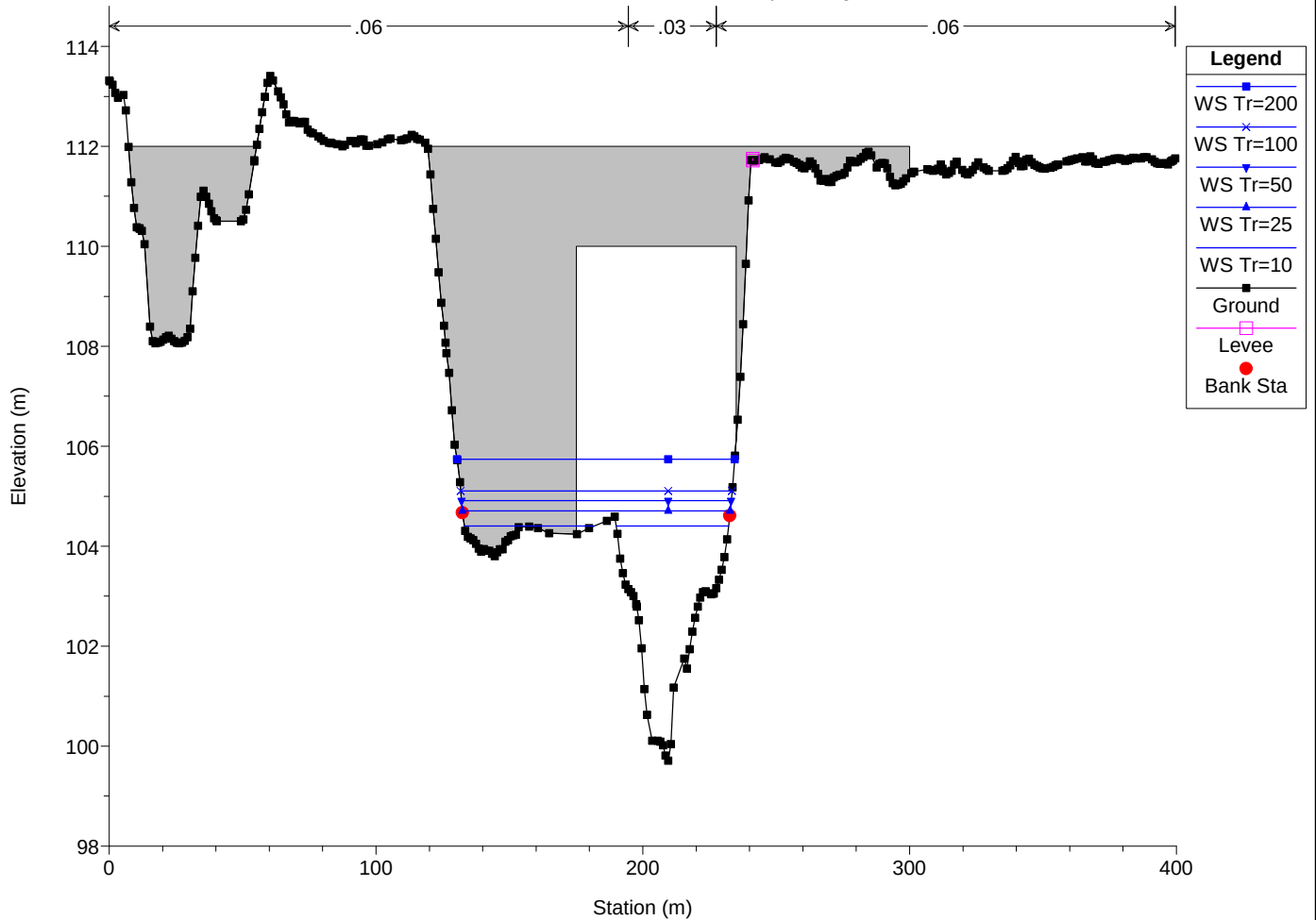
Cormor Udine Plan: Plan 02 10/7/2010
RS = 840 SEZ 17 (Pr 1200.00 m)



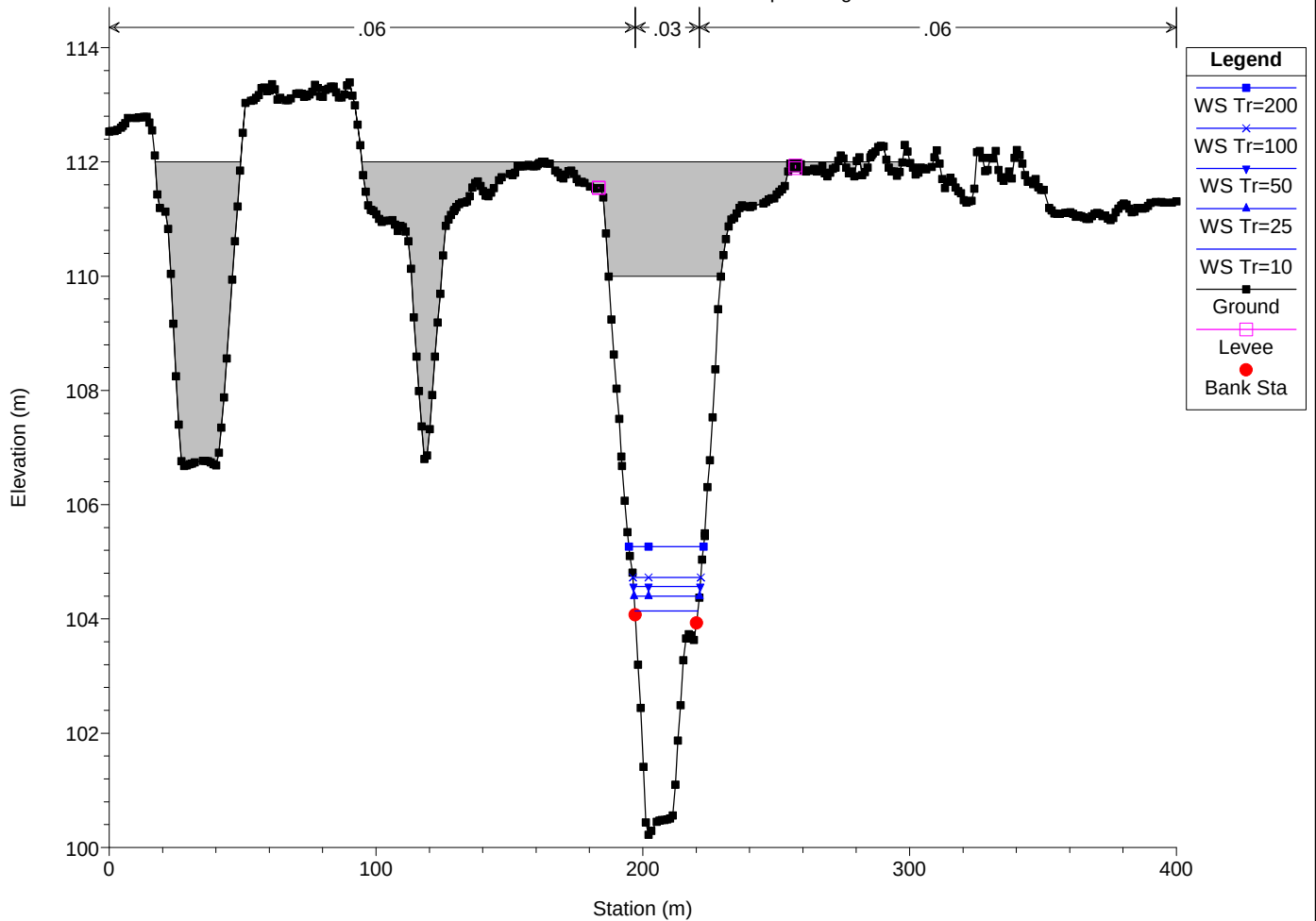
Cormor Udine Plan: Plan 02 10/7/2010
RS = 830 SEZ 18 (Pr 1265.50 m)



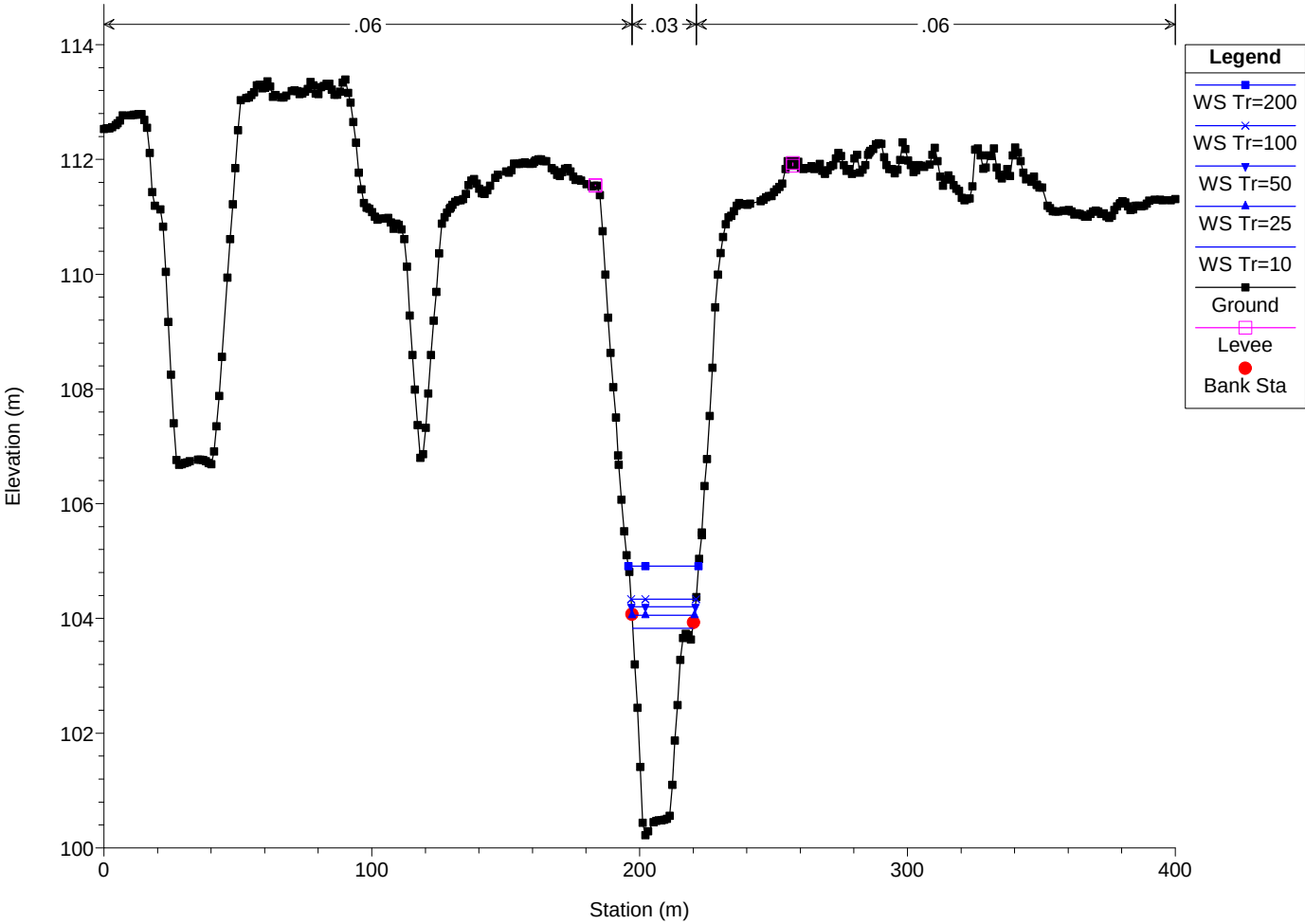
Cormor Udine Plan: Plan 02 10/7/2010
RS = 825 BR Ponte SS 464 Spilimbergo



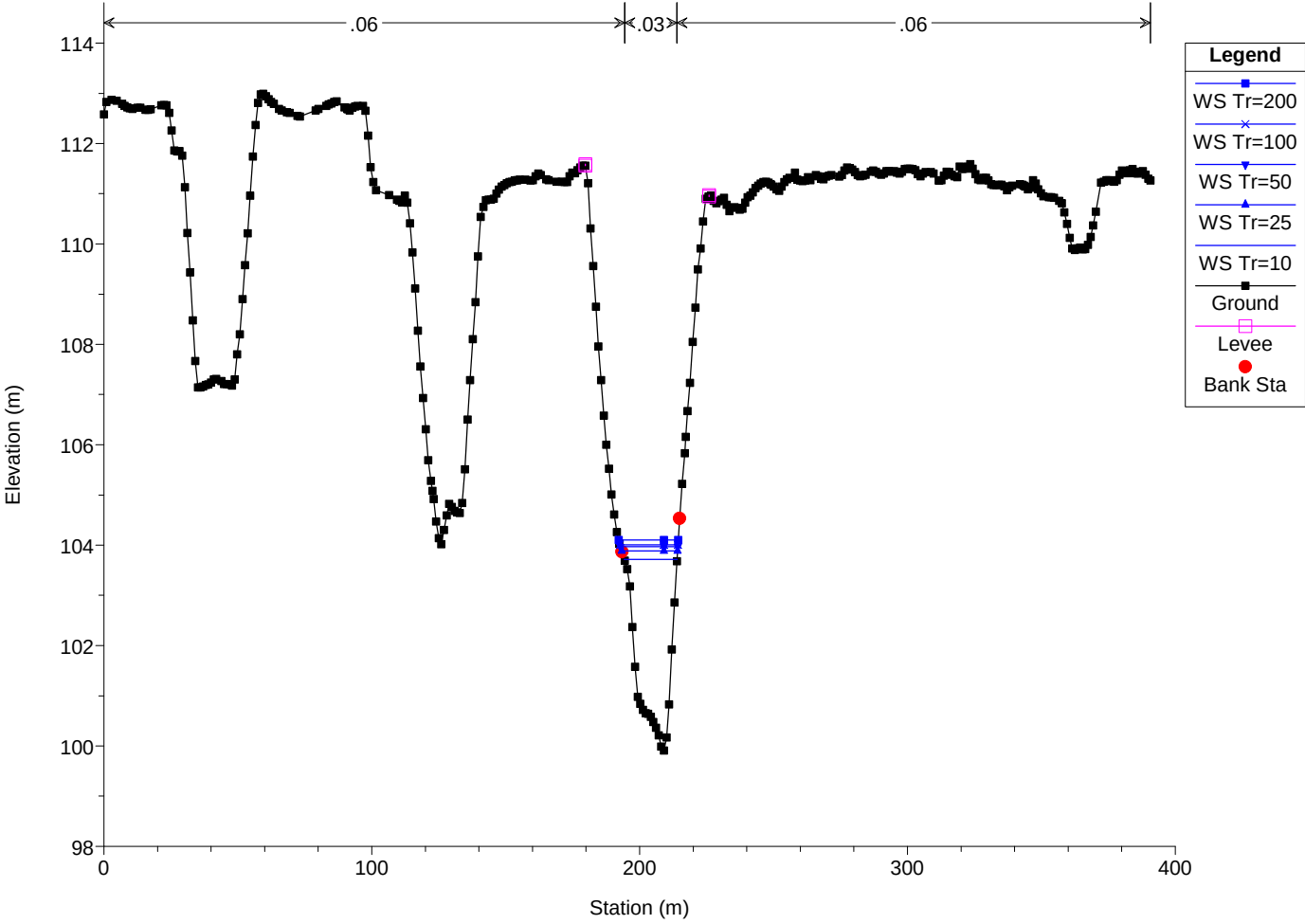
Cormor Udine Plan: Plan 02 10/7/2010
RS = 825 BR Ponte SS 464 Spilimbergo



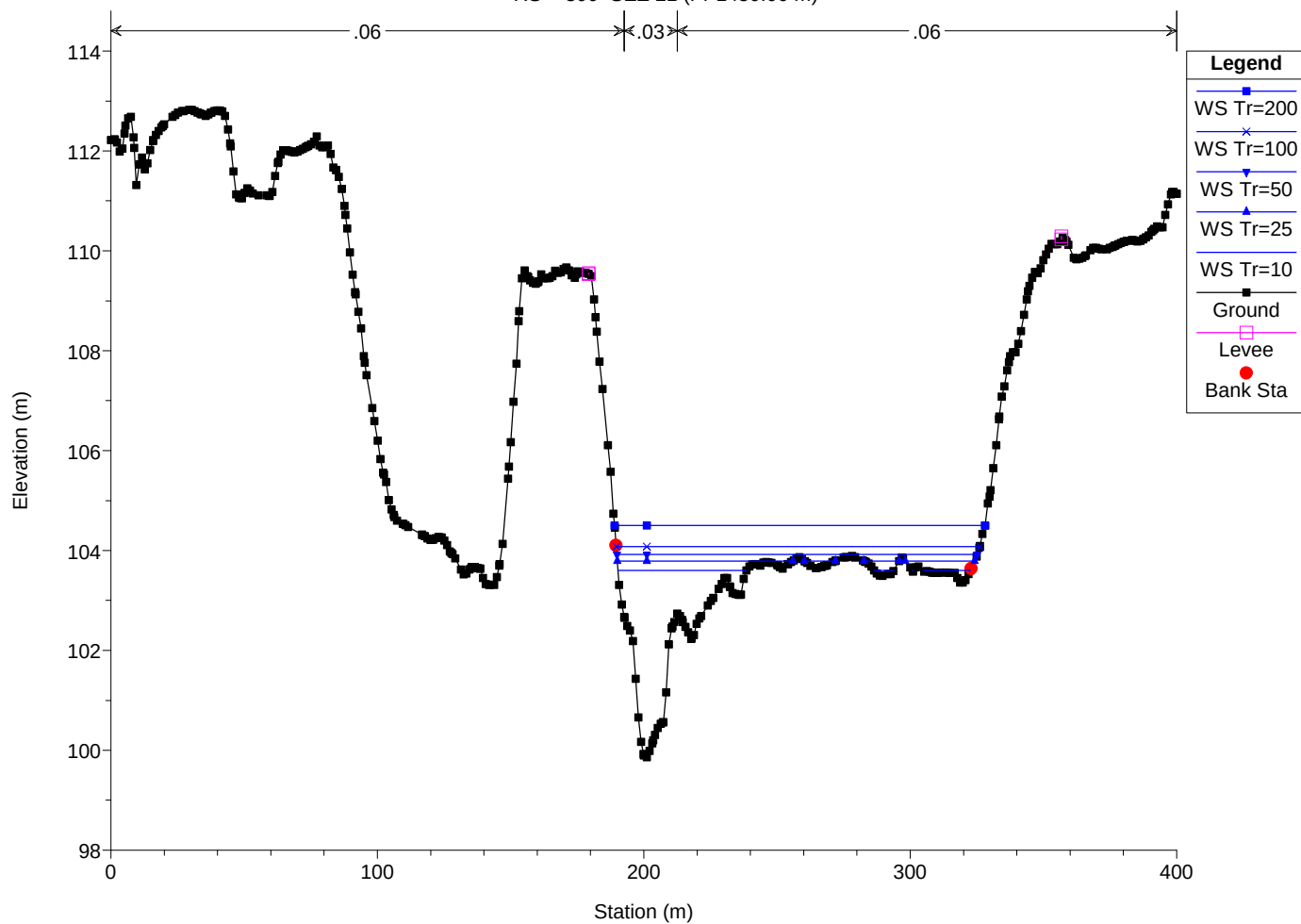
Cormor Udine Plan: Plan 02 10/7/2010
RS = 820 SEZ 19 (Pr 1350.00 m)



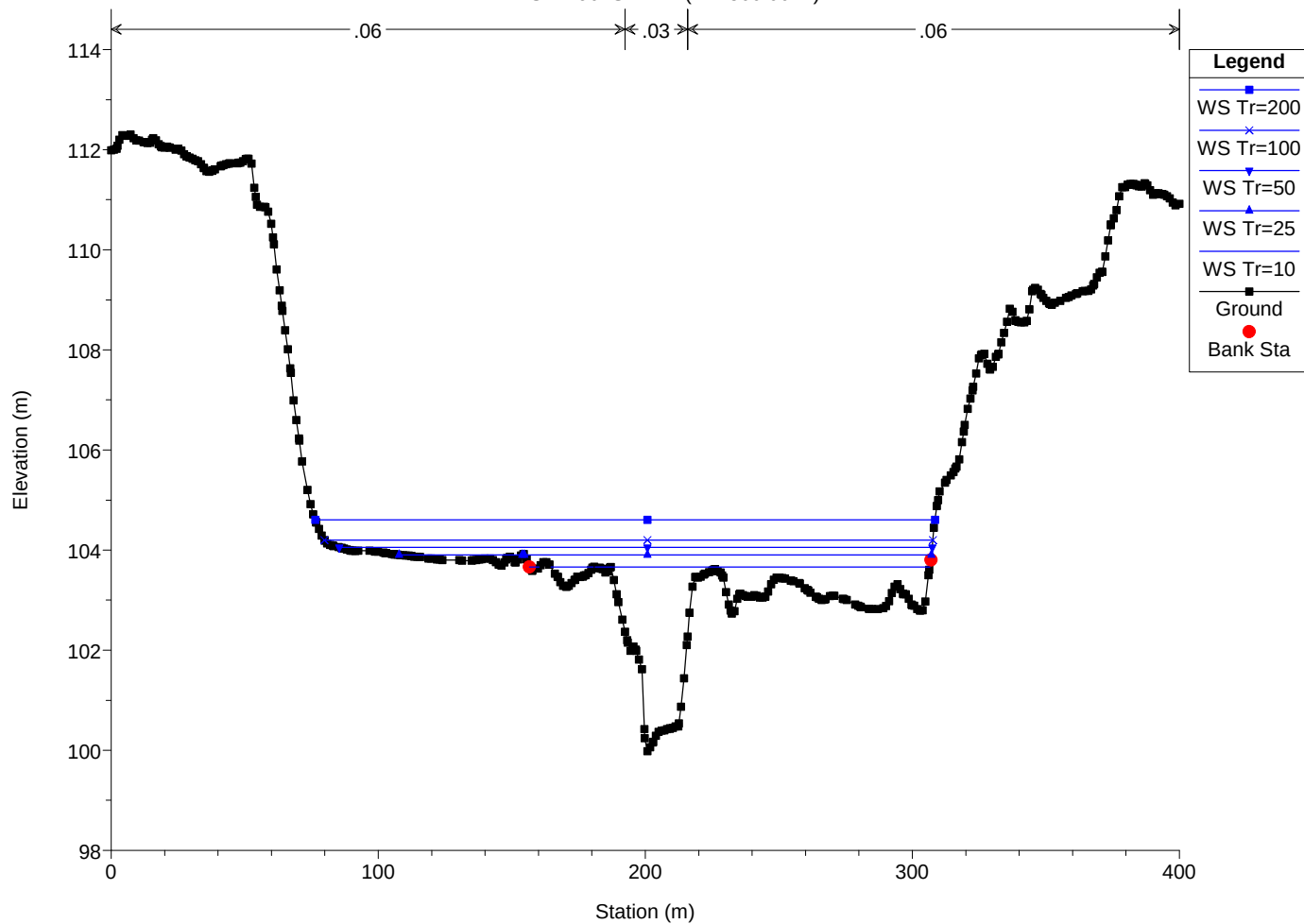
Cormor Udine Plan: Plan 02 10/7/2010
RS = 810 SEZ 20 (Pr 1377.28 m)



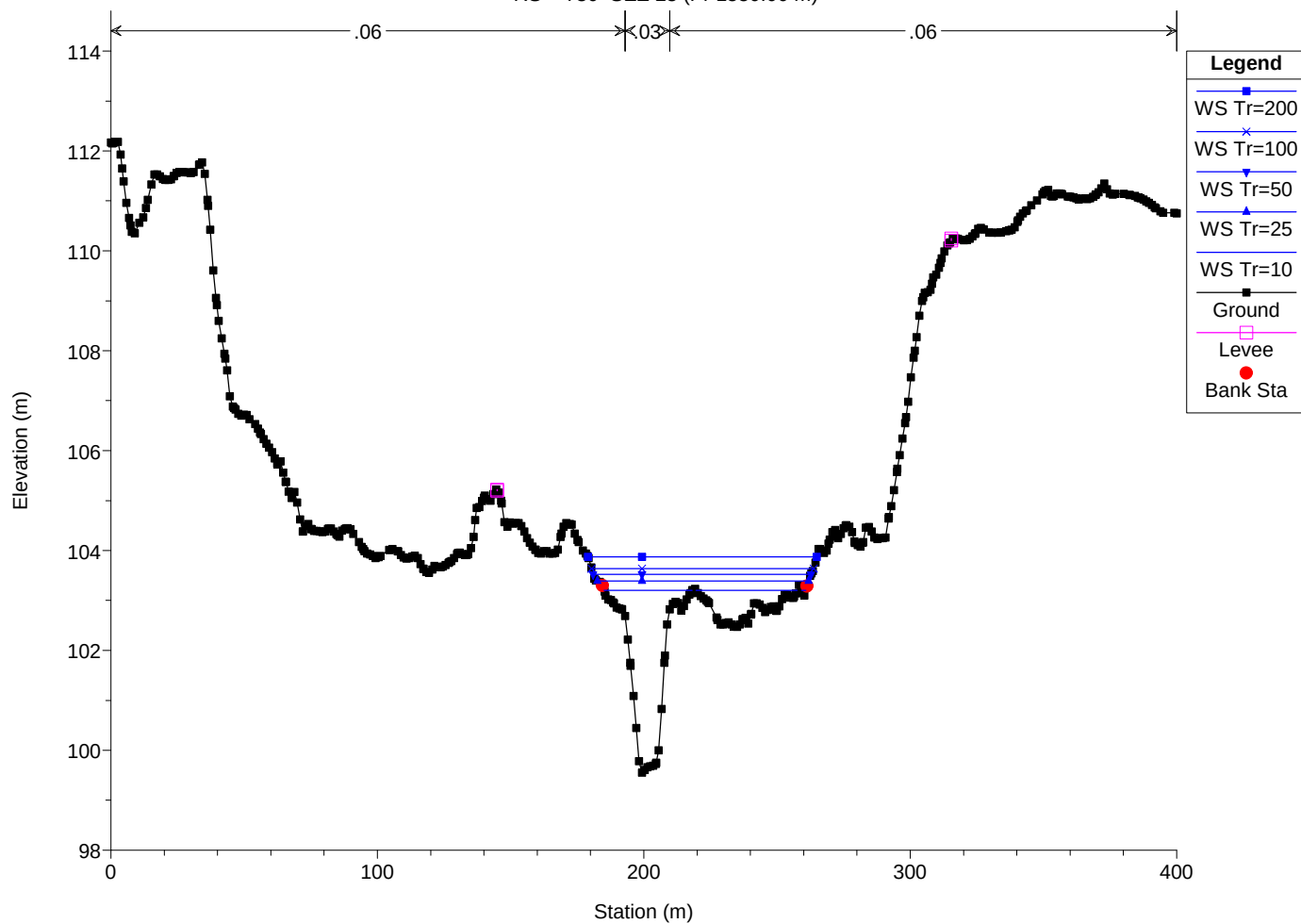
Cormor Udine Plan: Plan 02 10/7/2010
RS = 800 SEZ 21 (Pr 1450.00 m)



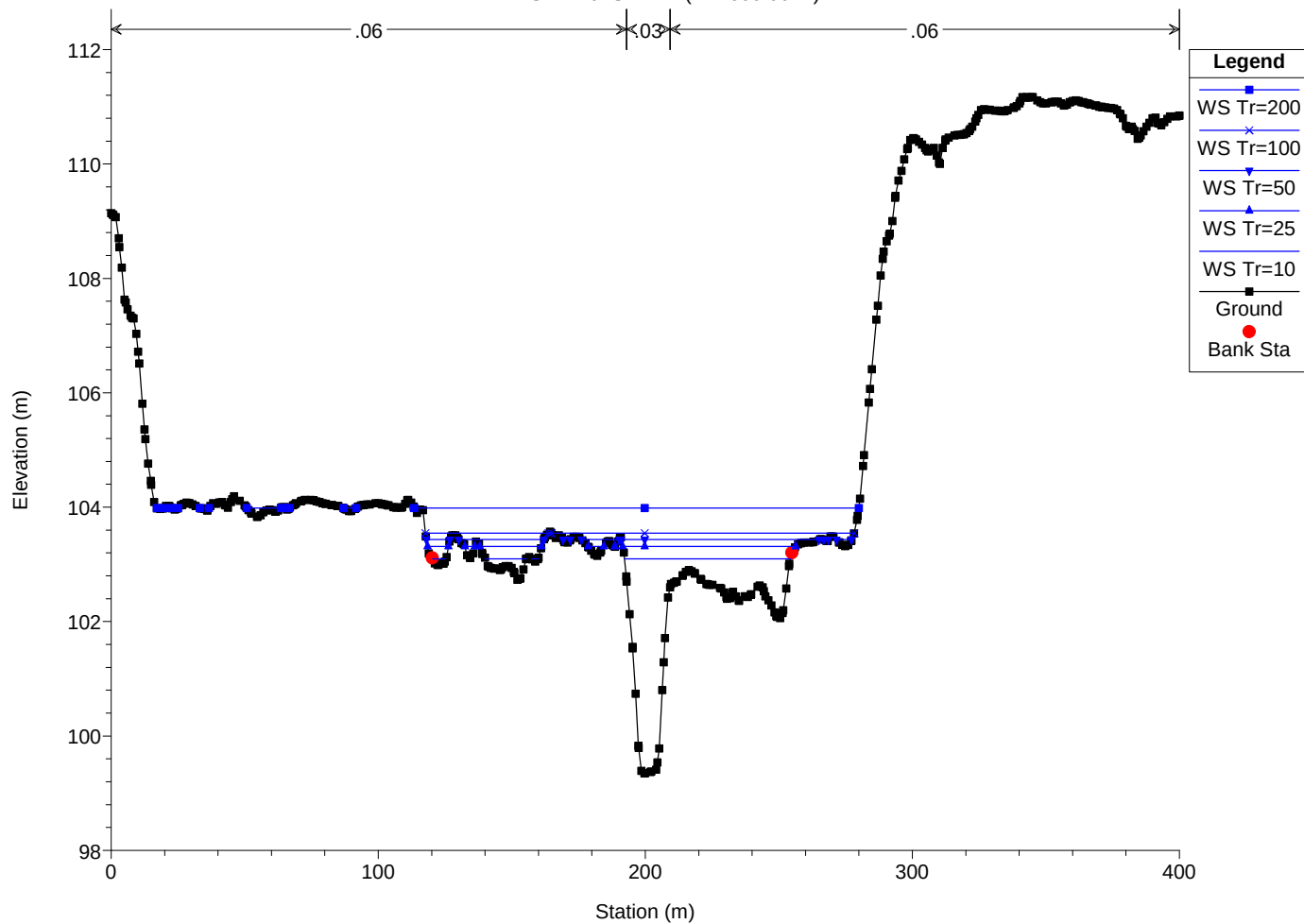
Cormor Udine Plan: Plan 02 10/7/2010
RS = 790 SEZ 22 (Pr 1500.00 m)



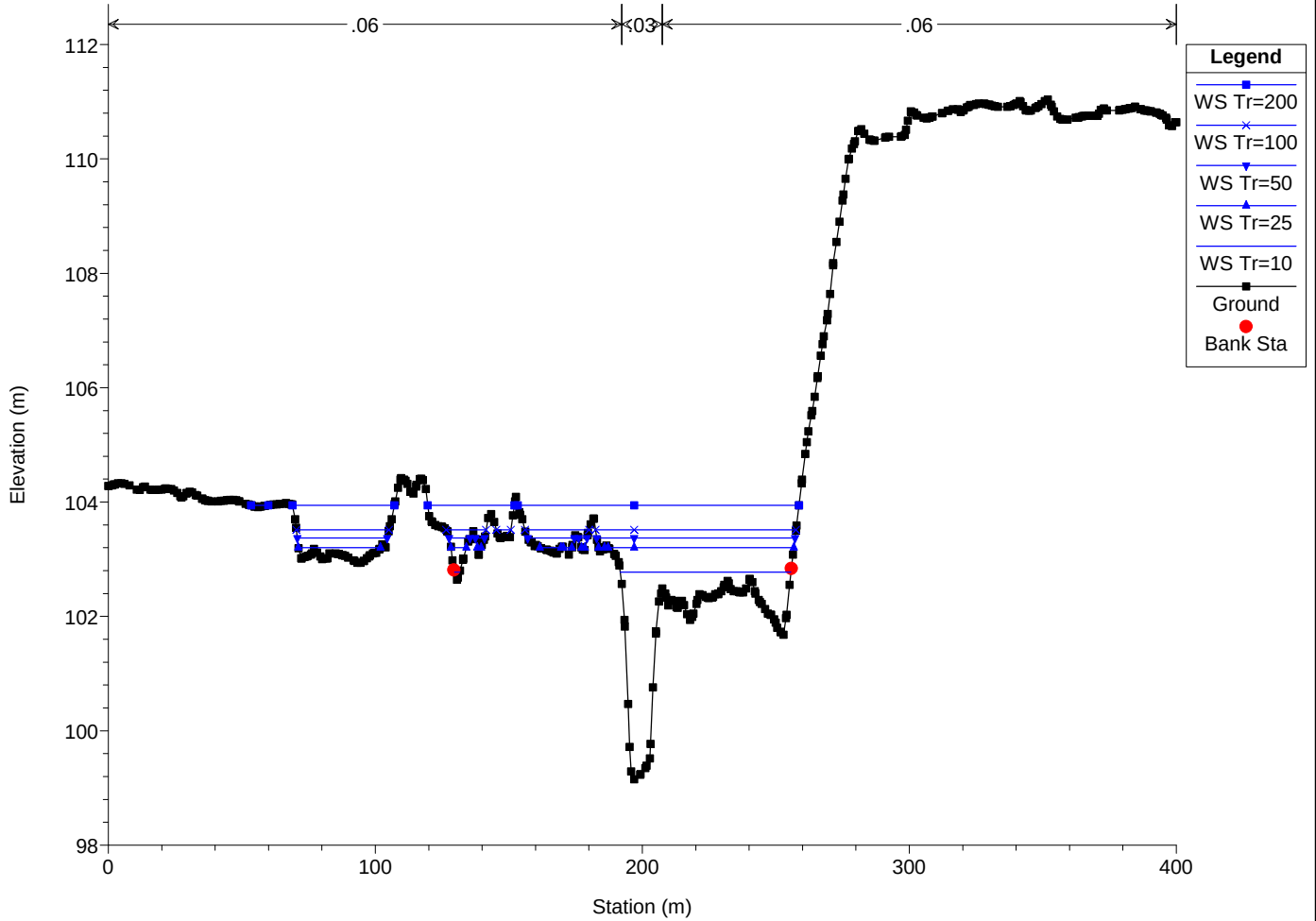
Cormor Udine Plan: Plan 02 10/7/2010
RS = 780 SEZ 23 (Pr 1550.00 m)



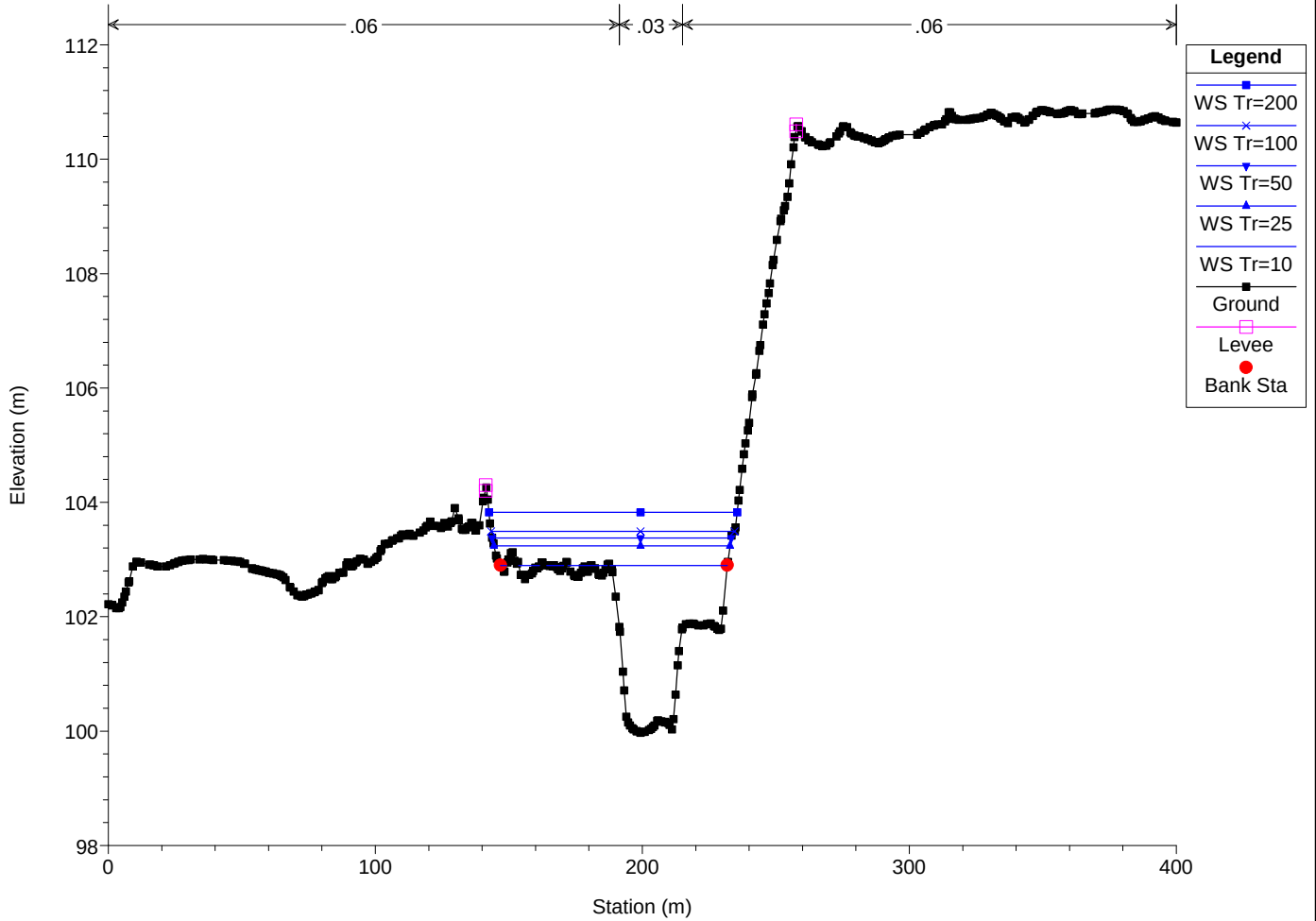
Cormor Udine Plan: Plan 02 10/7/2010
RS = 770 SEZ 24 (Pr 1600.00 m)



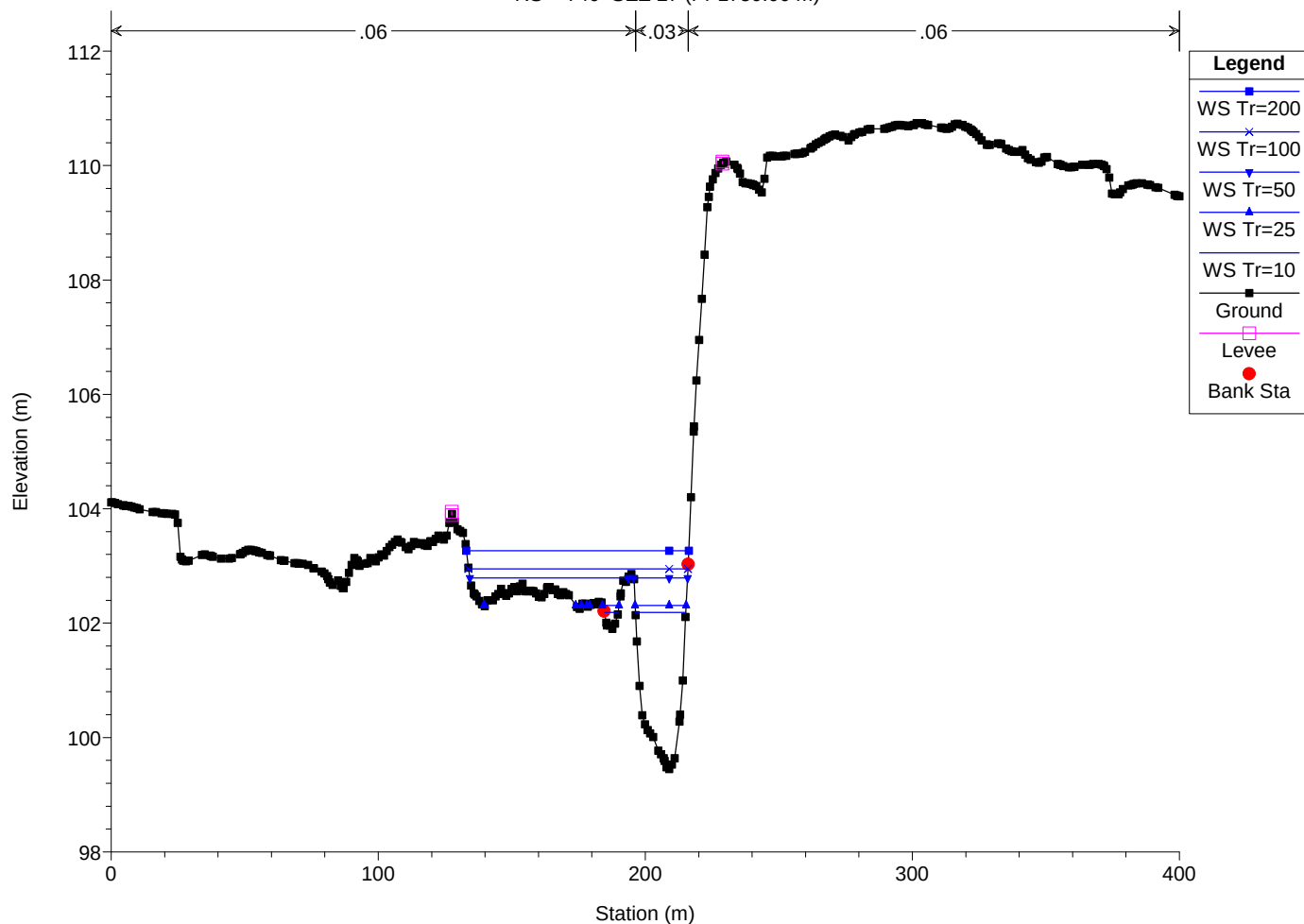
Cormor Udine Plan: Plan 02 10/7/2010
RS = 760 SEZ 25 (Pr 1650.00 m)



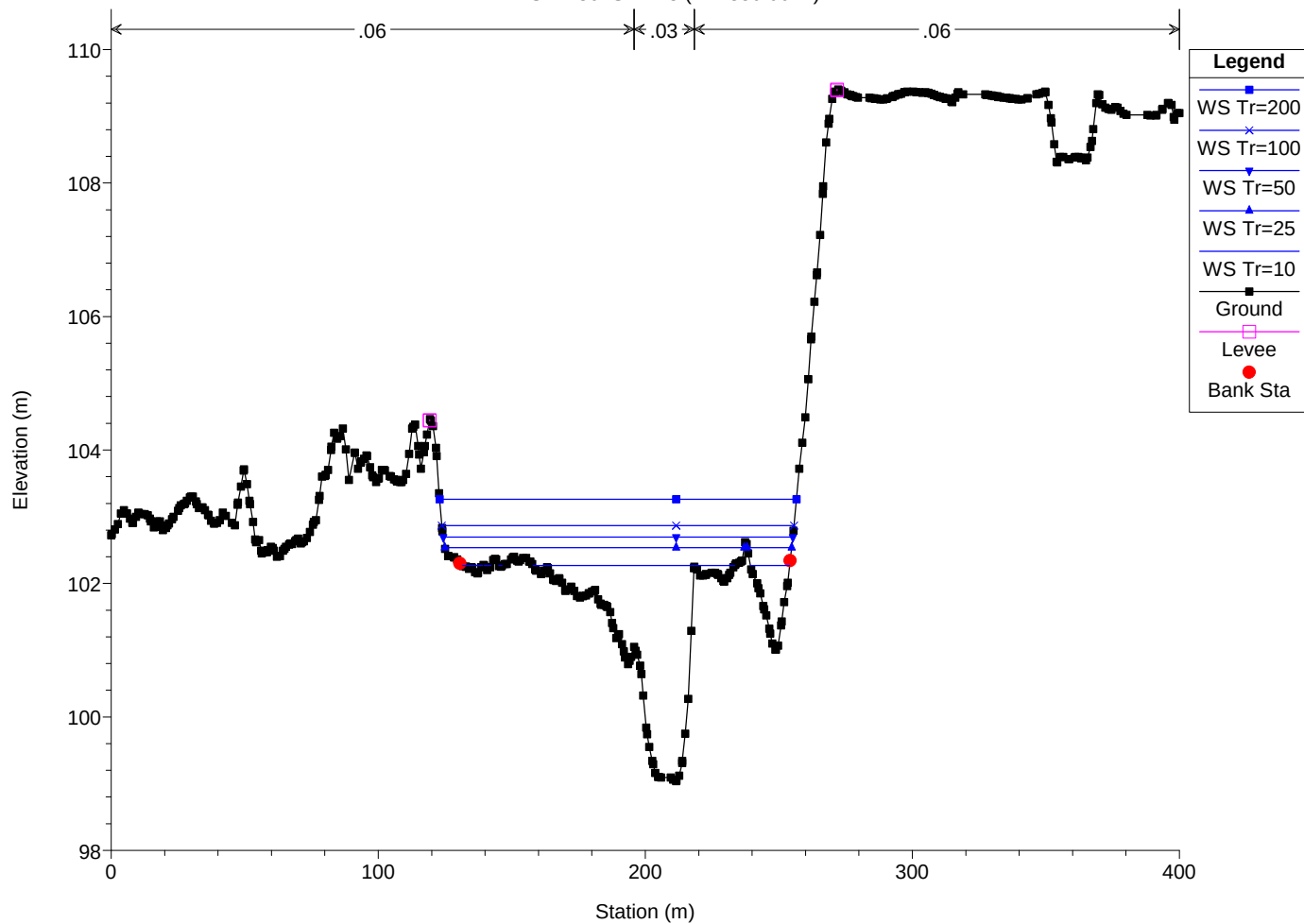
Cormor Udine Plan: Plan 02 10/7/2010
RS = 750 SEZ 26 (Pr 1700.00 m)



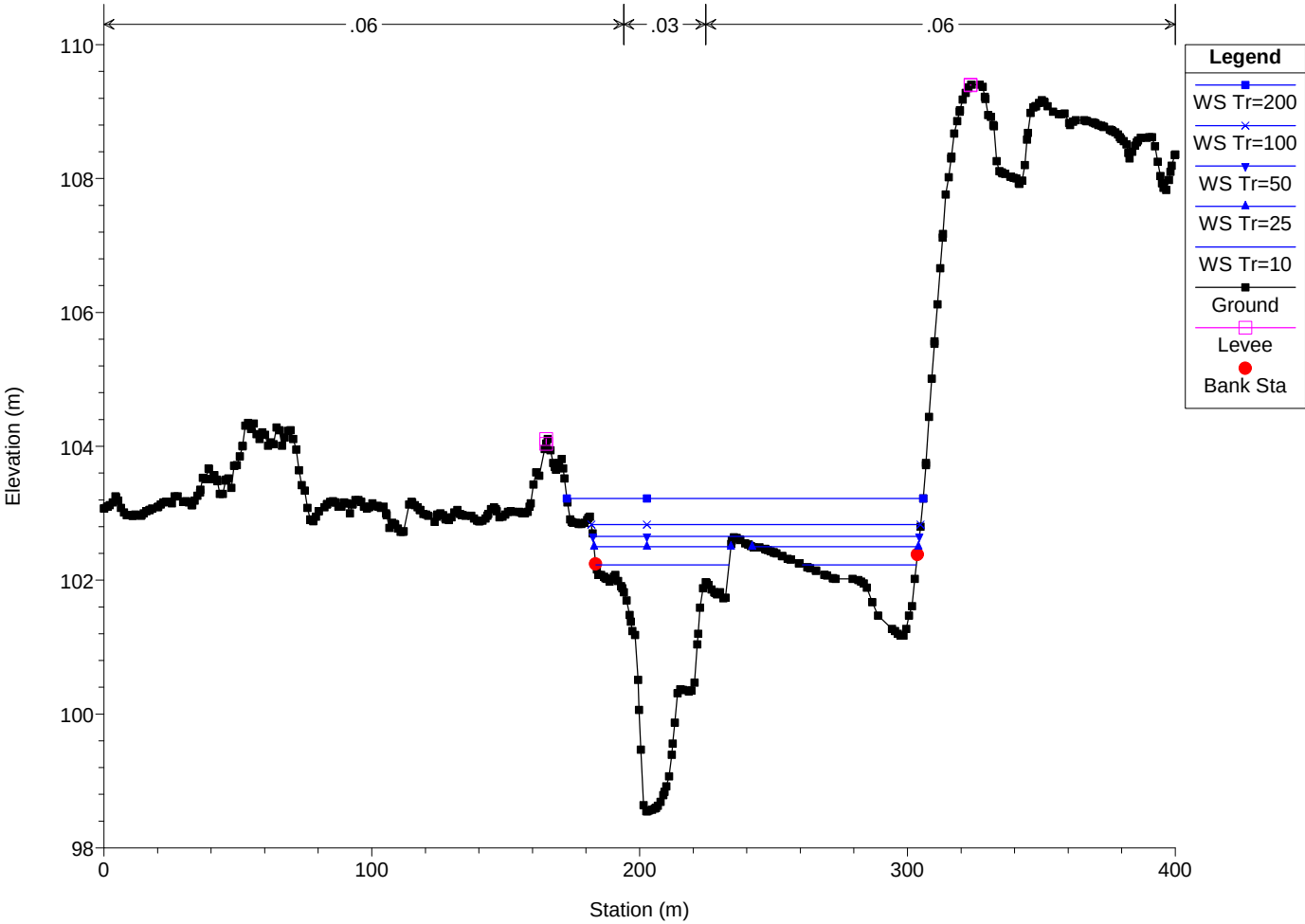
Cormor Udine Plan: Plan 02 10/7/2010
RS = 740 SEZ 27 (Pr 1750.00 m)



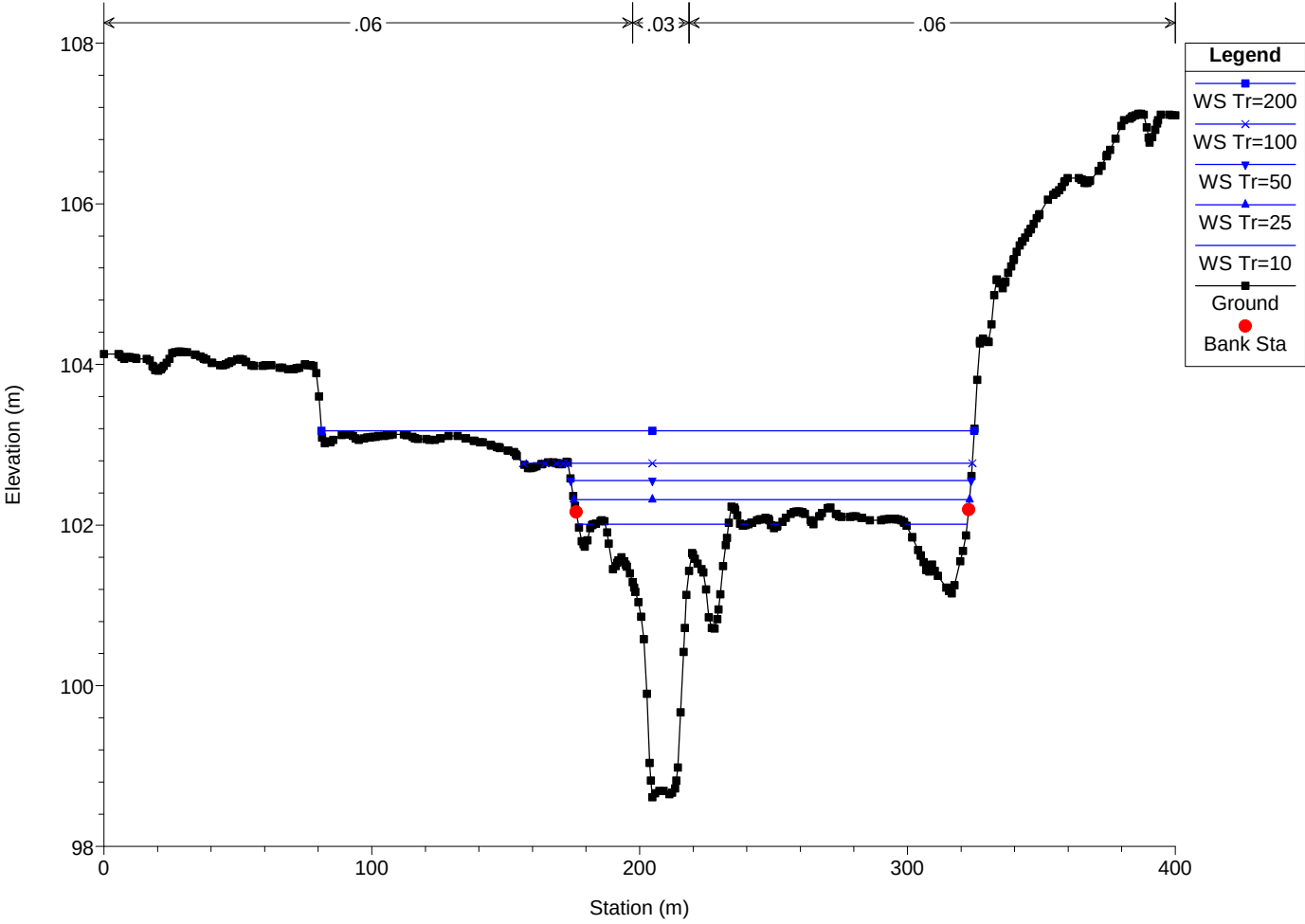
Cormor Udine Plan: Plan 02 10/7/2010
RS = 730 SEZ 28 (Pr 1850.00 m)



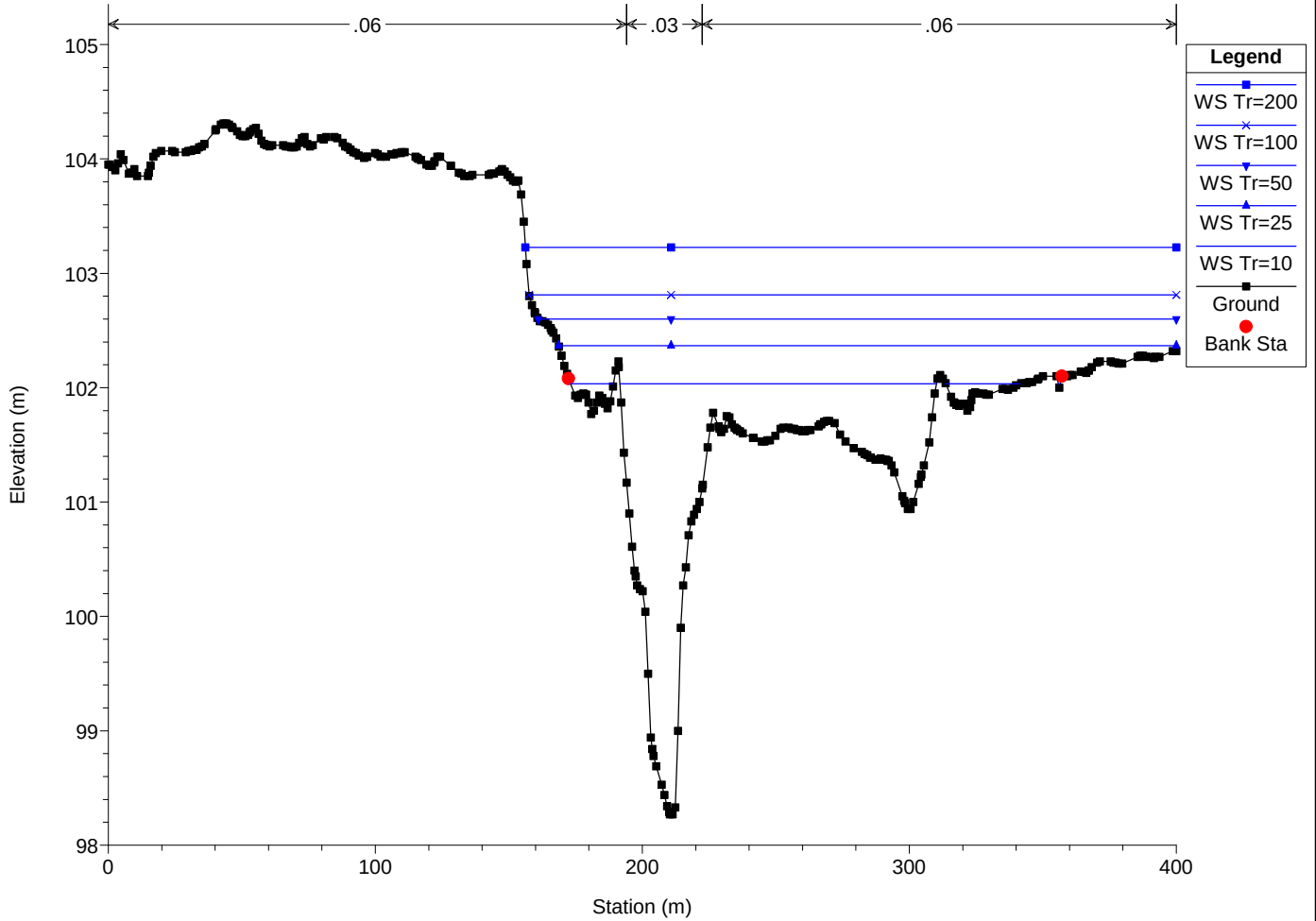
Cormor Udine Plan: Plan 02 10/7/2010
RS = 720 SEZ 29 (Pr 1900.00 m)



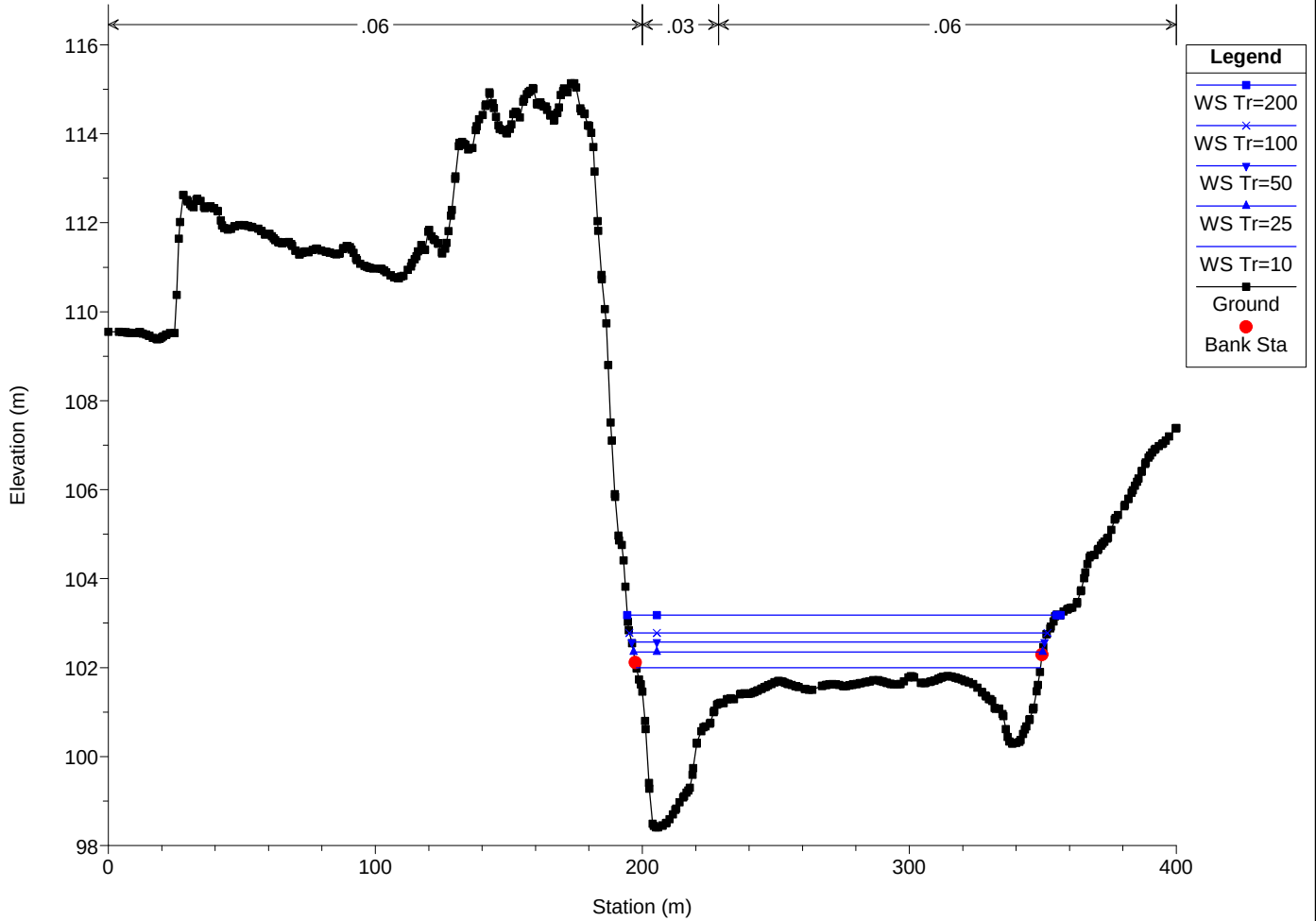
Cormor Udine Plan: Plan 02 10/7/2010
RS = 710 SEZ 30 (Pr 1950.00 m)



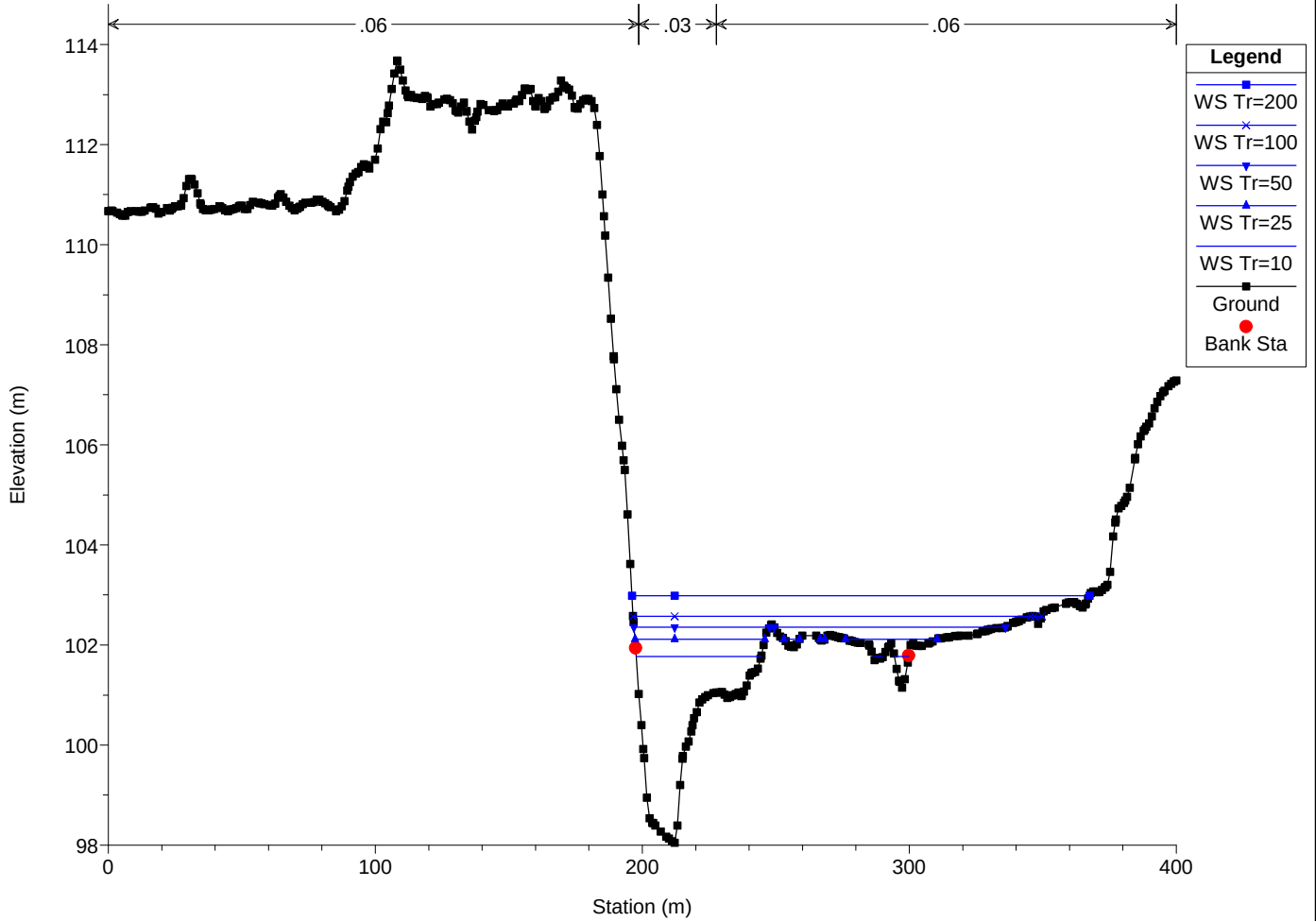
Cormor Udine Plan: Plan 02 10/7/2010
RS = 700 SEZ 31 (Pr 2000.00 m)



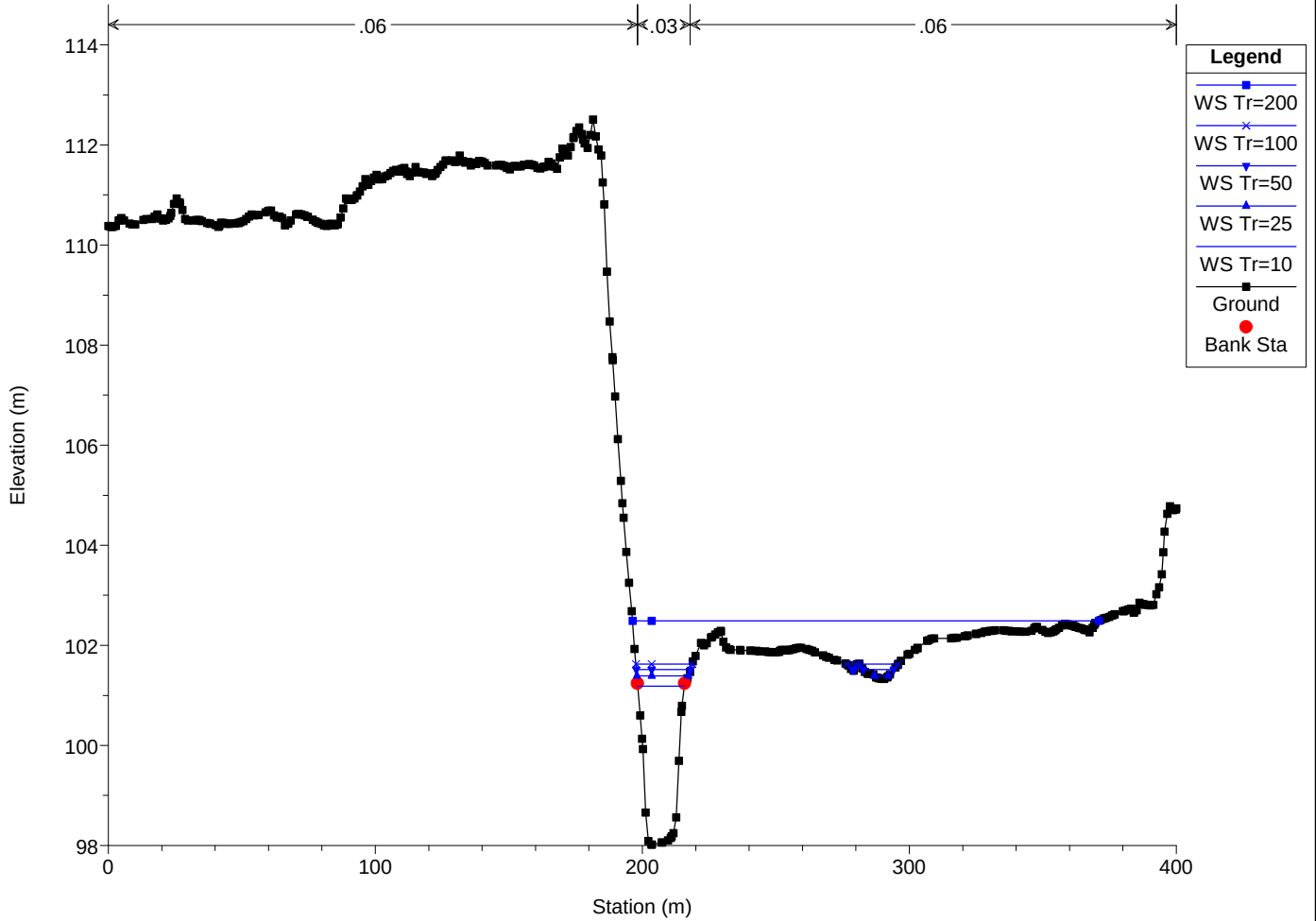
Cormor Udine Plan: Plan 02 10/7/2010
RS = 690 SEZ 32 (Pr 2050.00 m)



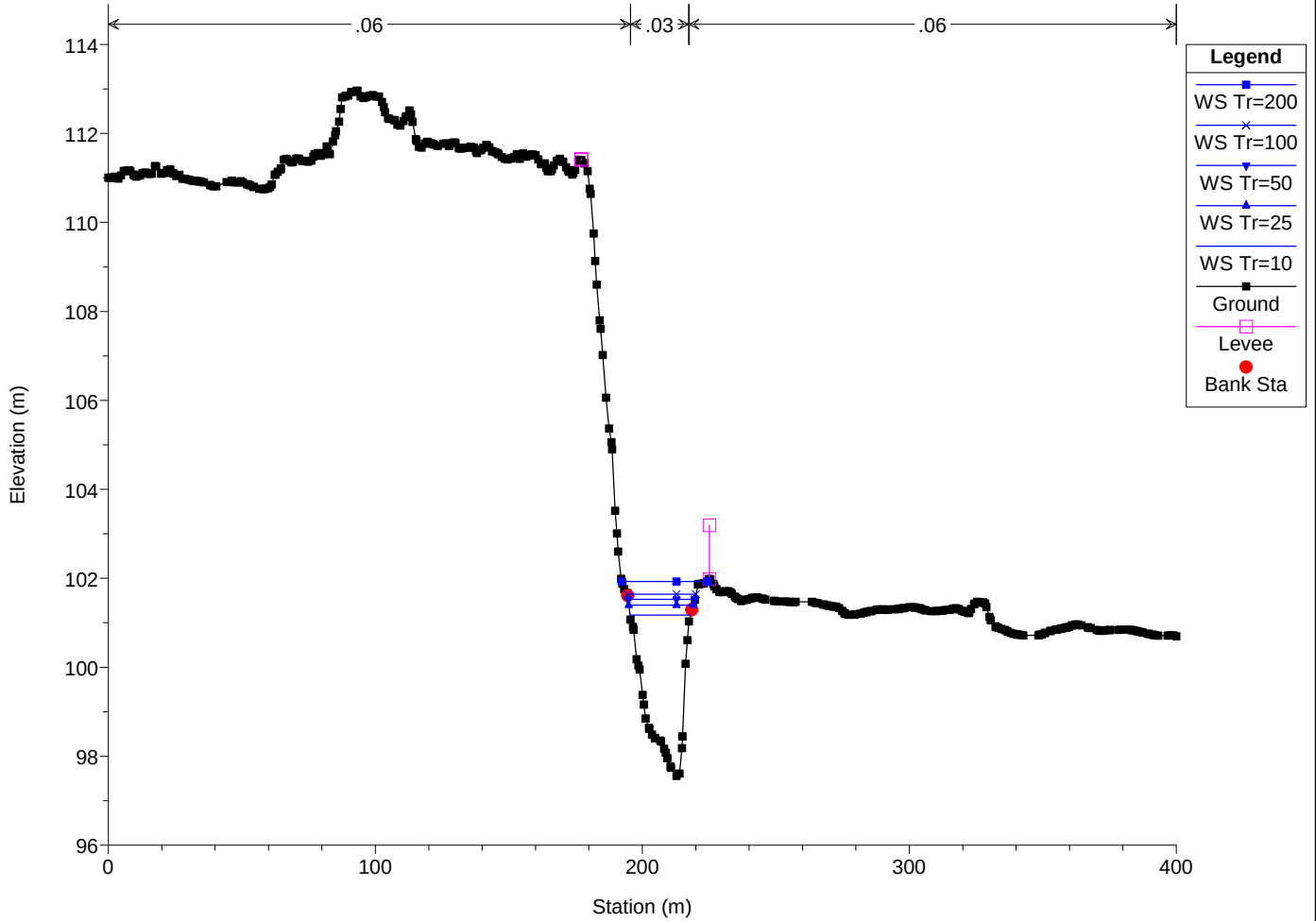
Cormor Udine Plan: Plan 02 10/7/2010
RS = 680 SEZ 33 (Pr 2150.00 m)



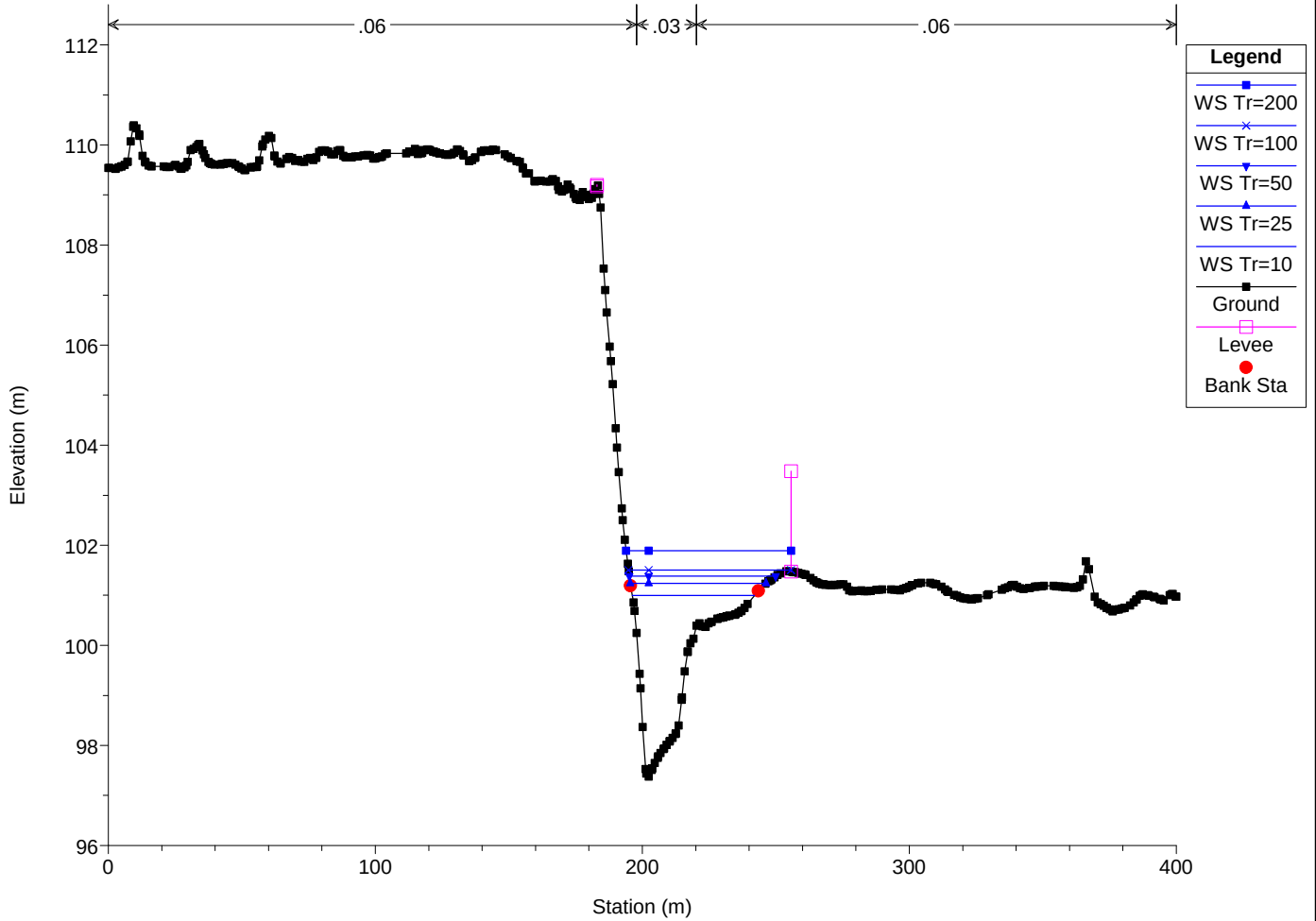
Cormor Udine Plan: Plan 02 10/7/2010
RS = 670 SEZ 34 (Pr 2200.00 m)



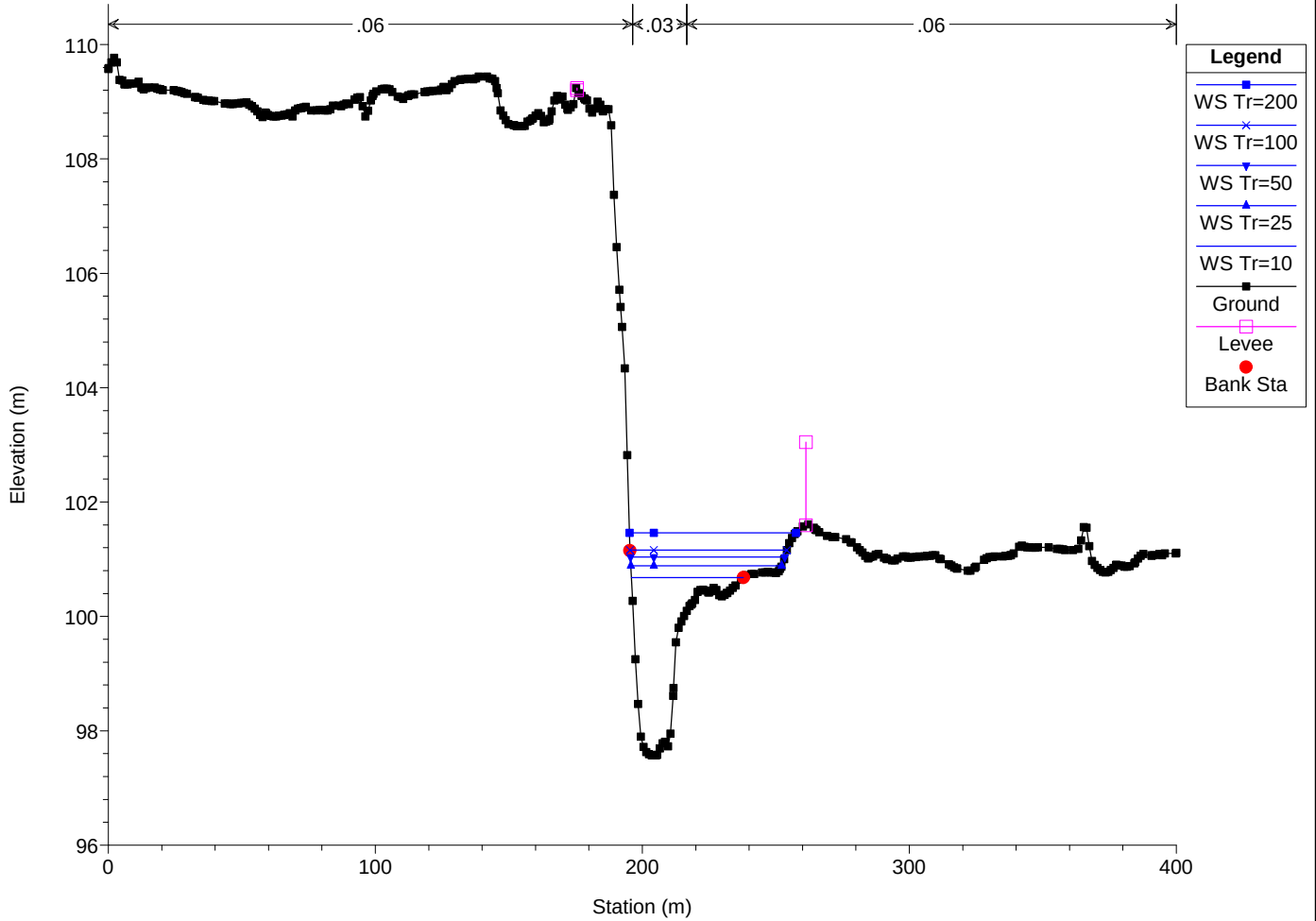
Cormor Udine Plan: Plan 02 10/7/2010
RS = 660 SEZ 35 (Pr 2250.00 m)



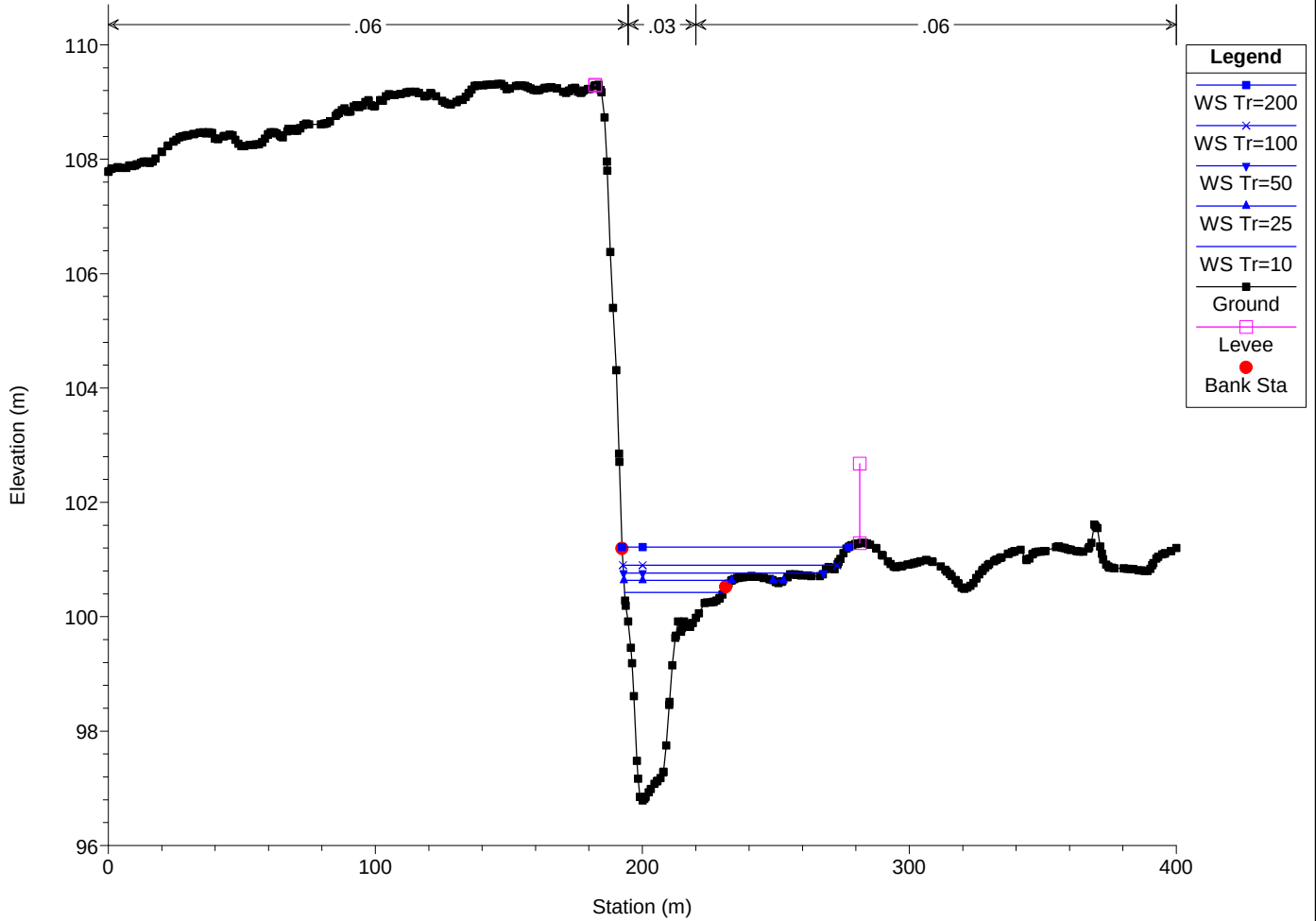
Cormor Udine Plan: Plan 02 10/7/2010
RS = 650 SEZ 36 (Pr 2350.00 m)



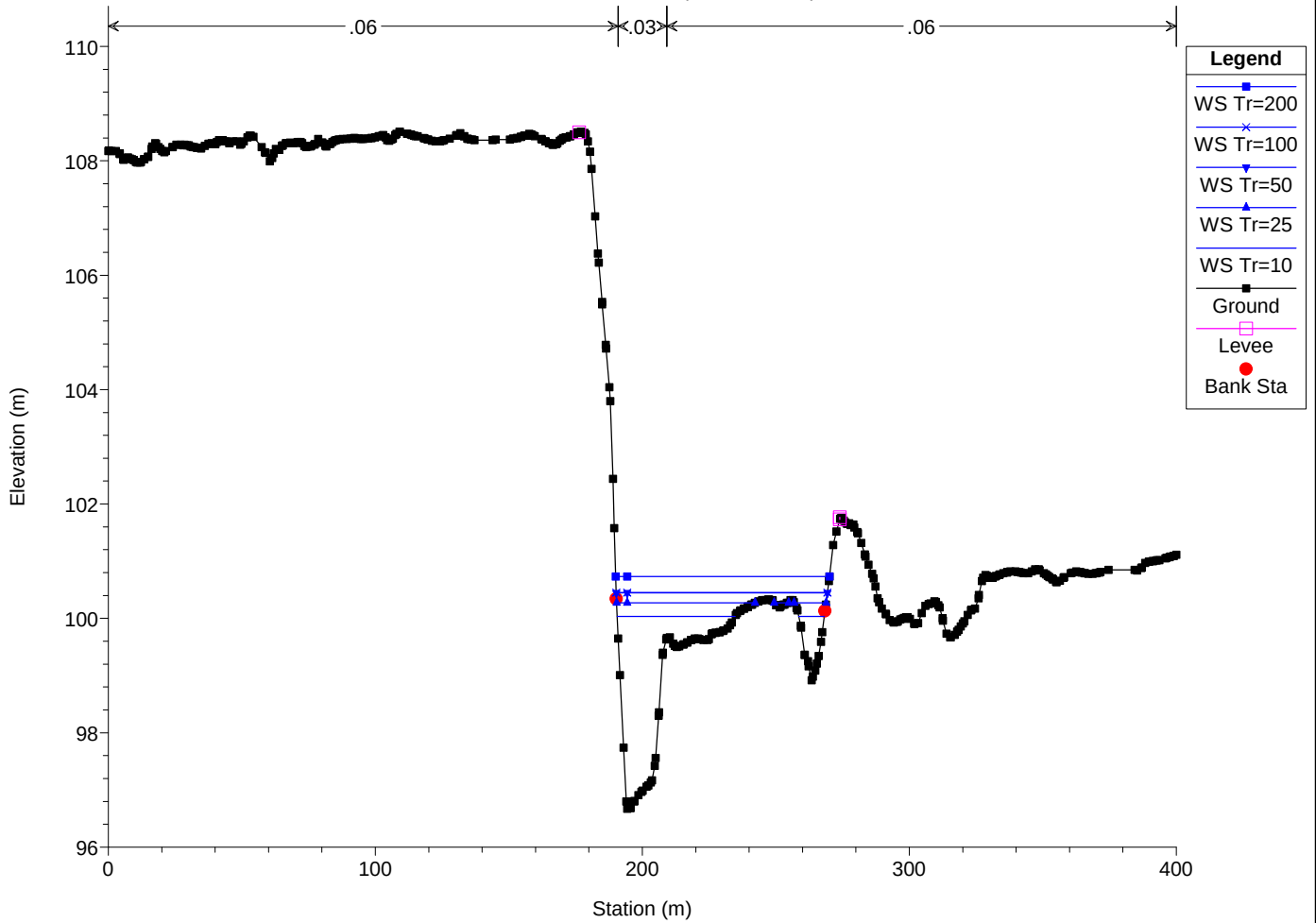
Cormor Udine Plan: Plan 02 10/7/2010
RS = 640 SEZ 37 (Pr 2400.00 m)



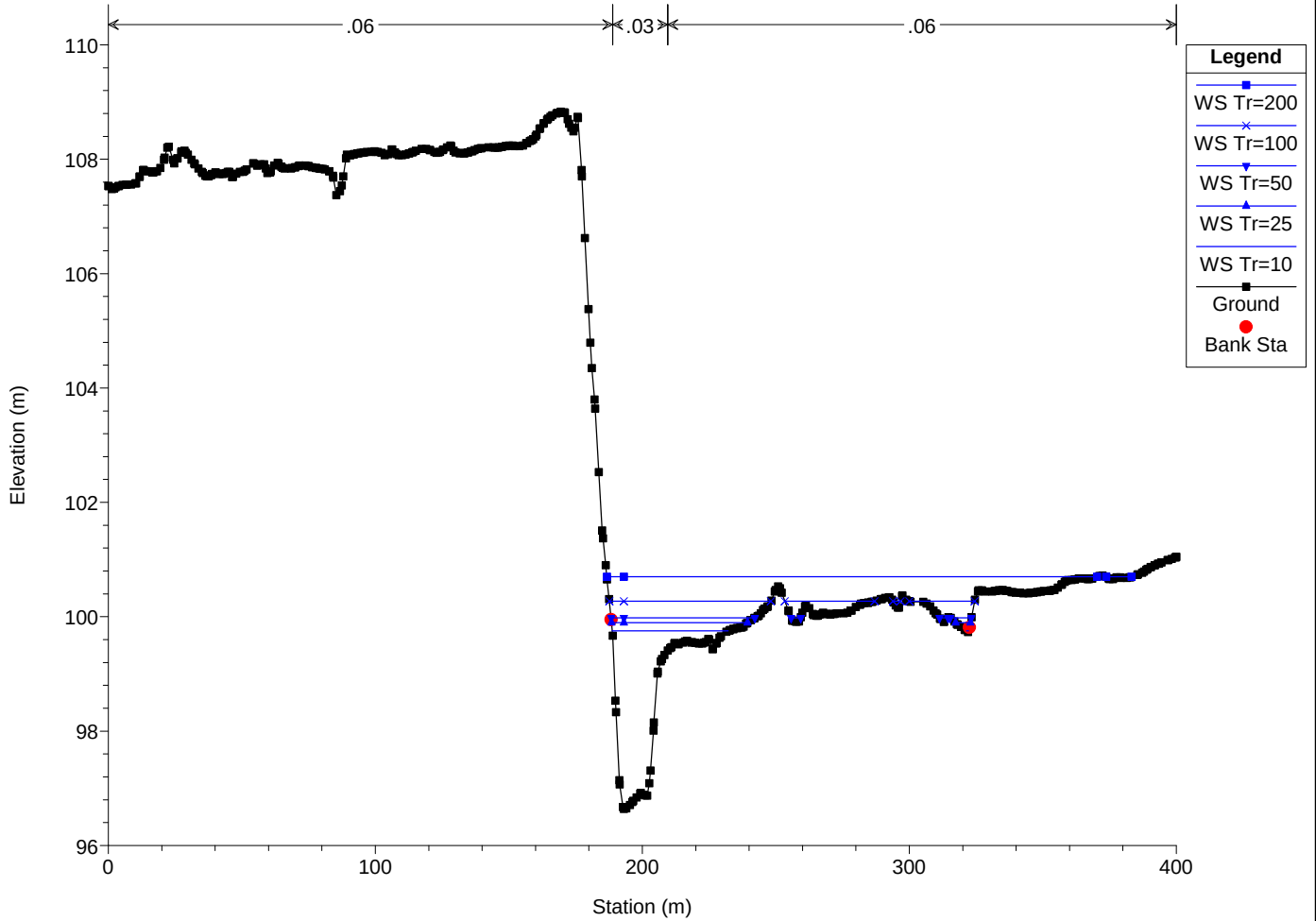
Cormor Udine Plan: Plan 02 10/7/2010
RS = 630 SEZ 38 (Pr 2500.00 m)



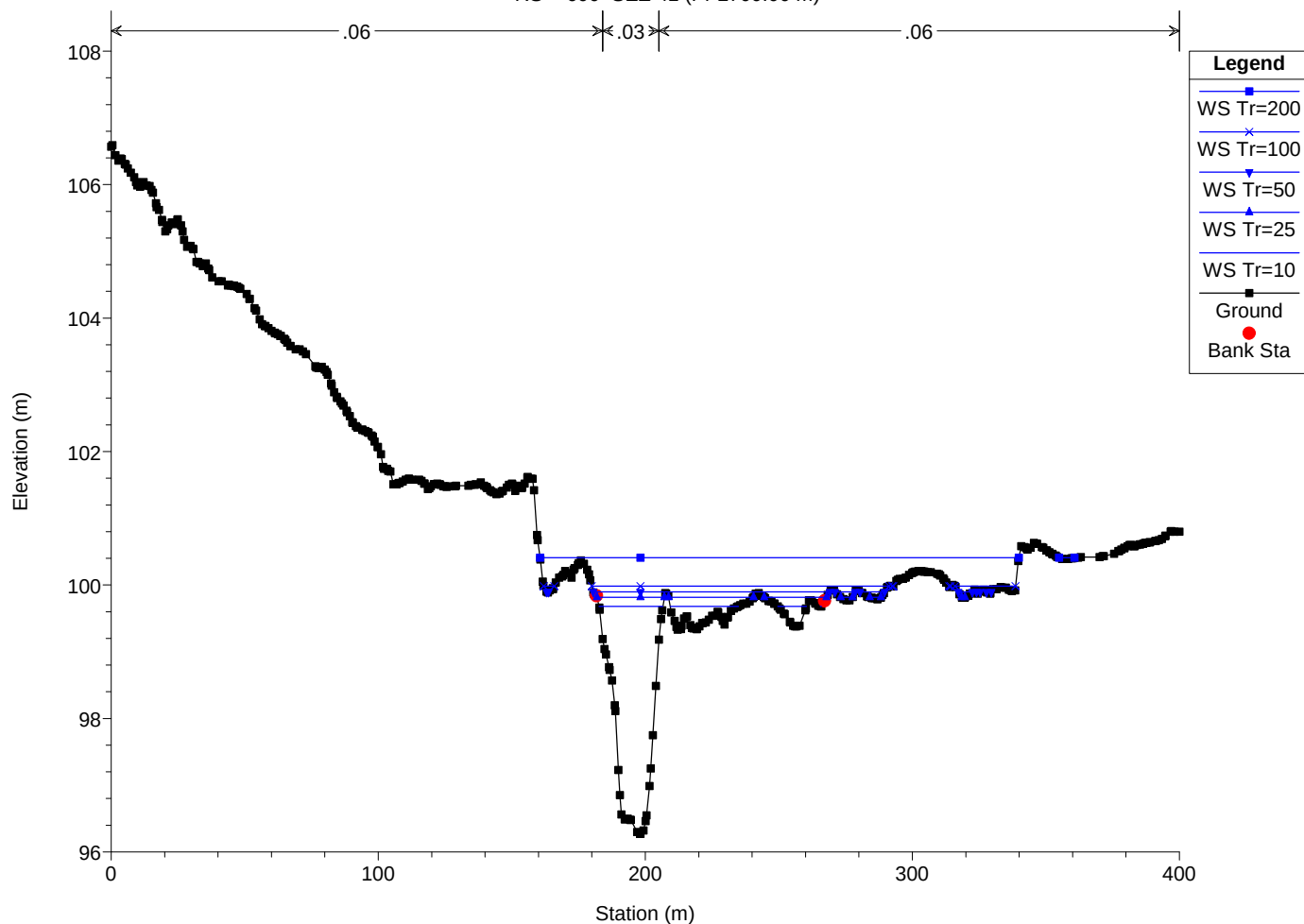
Cormor Udine Plan: Plan 02 10/7/2010
RS = 620 SEZ 39 (Pr 2600.00 m)



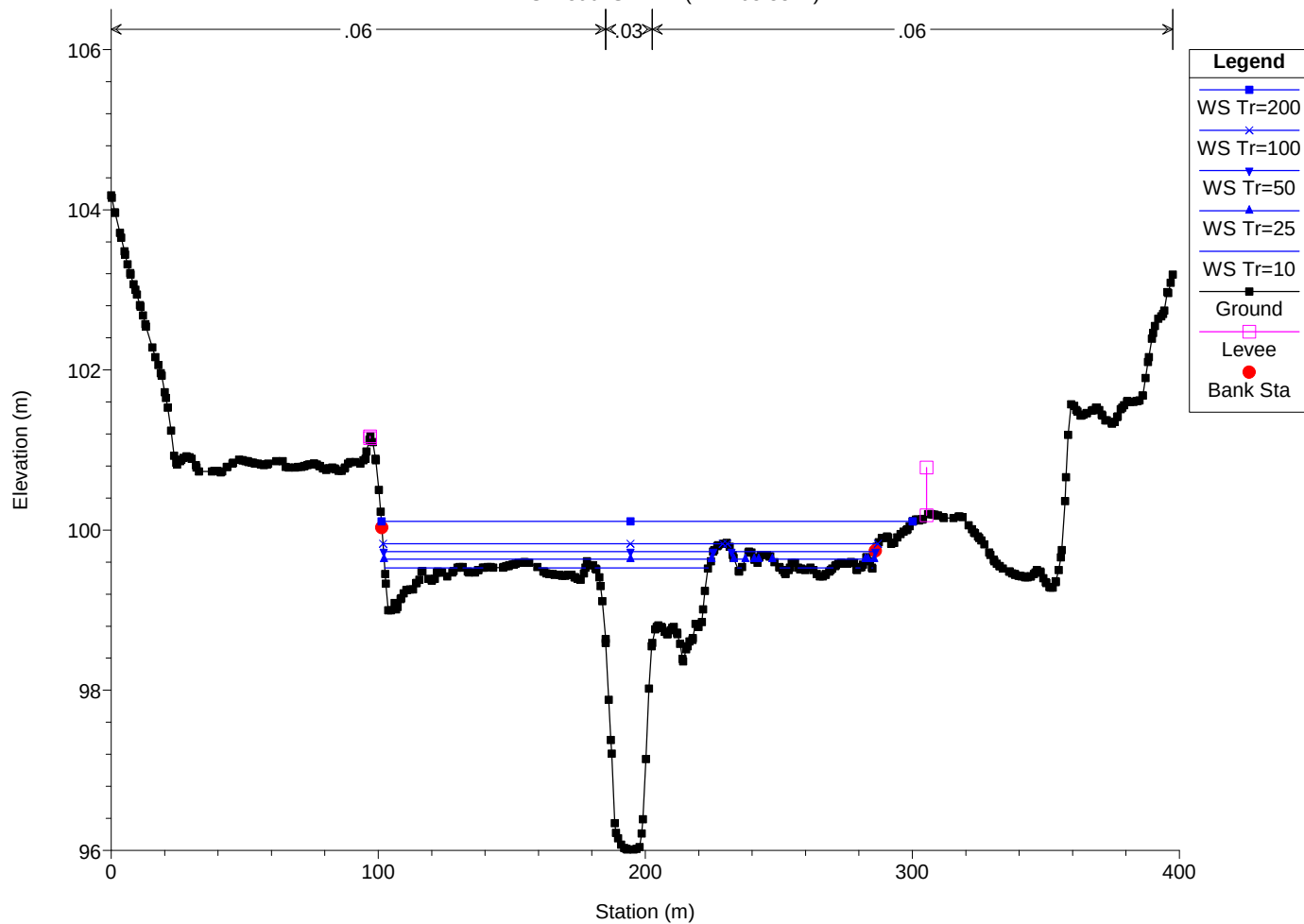
Cormor Udine Plan: Plan 02 10/7/2010
RS = 610 SEZ 40 (Pr 2650.00 m)



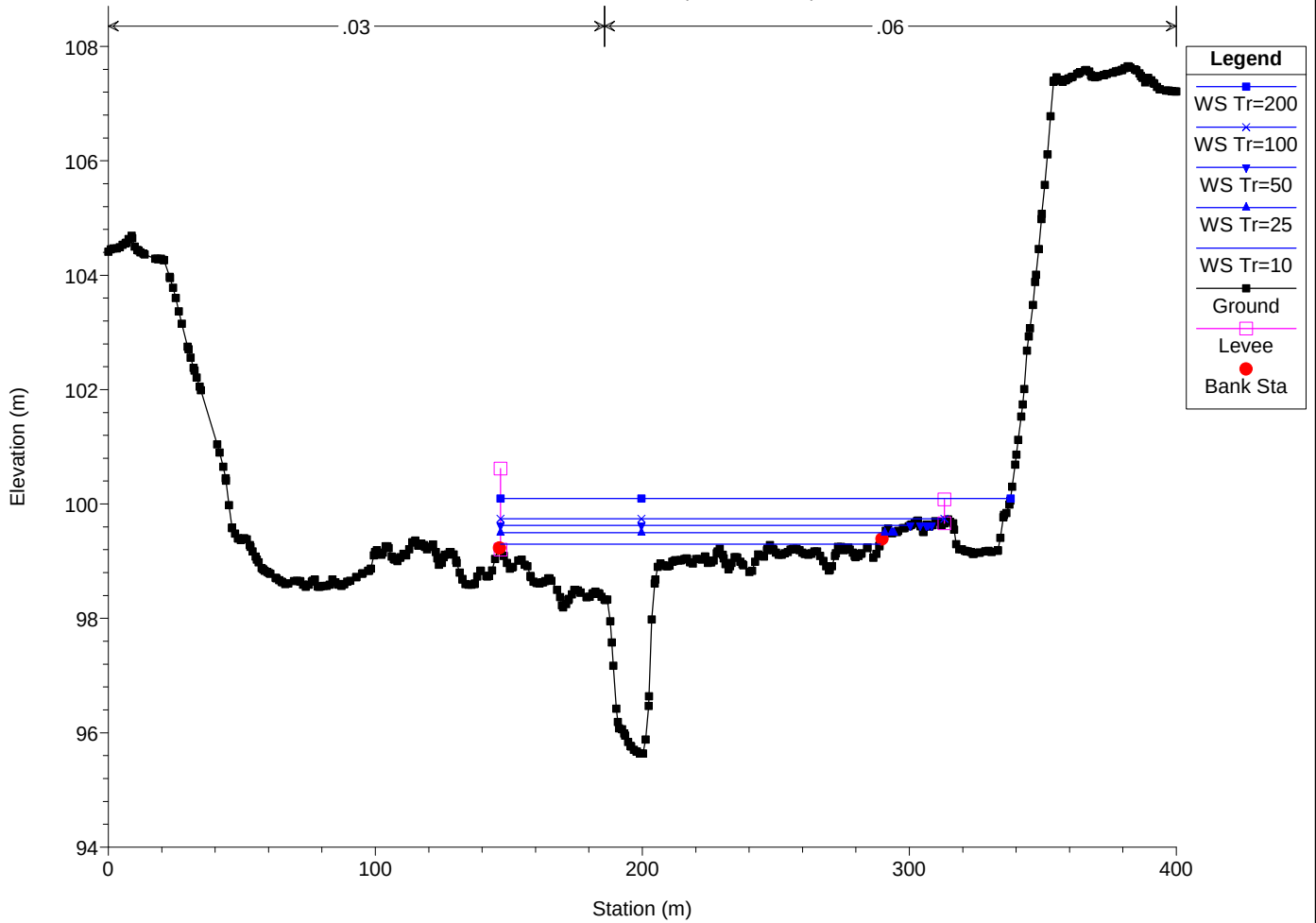
Cormor Udine Plan: Plan 02 10/7/2010
RS = 600 SEZ 41 (Pr 2700.00 m)



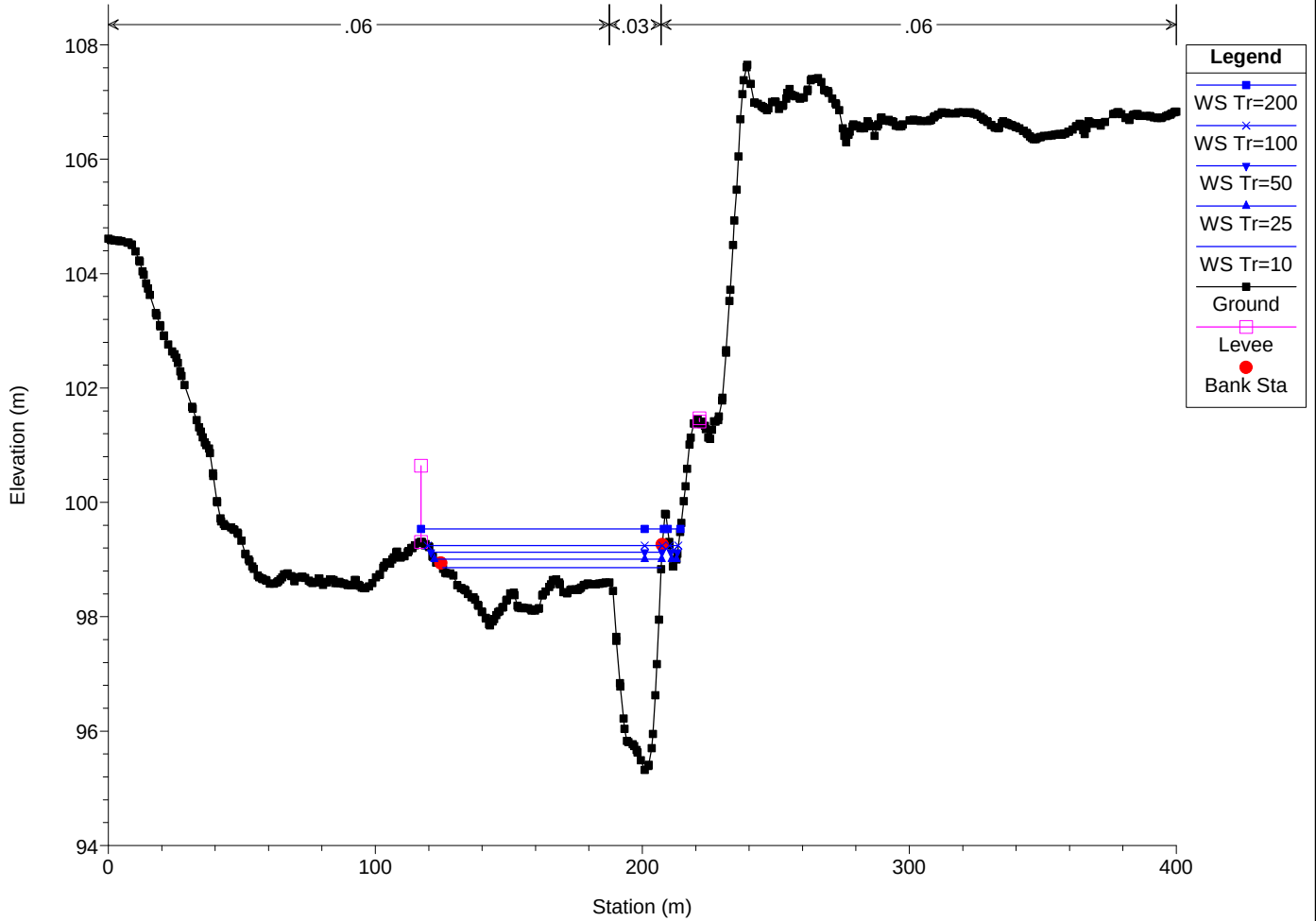
Cormor Udine Plan: Plan 02 10/7/2010
RS = 590 SEZ 42 (Pr 2795.33 m)



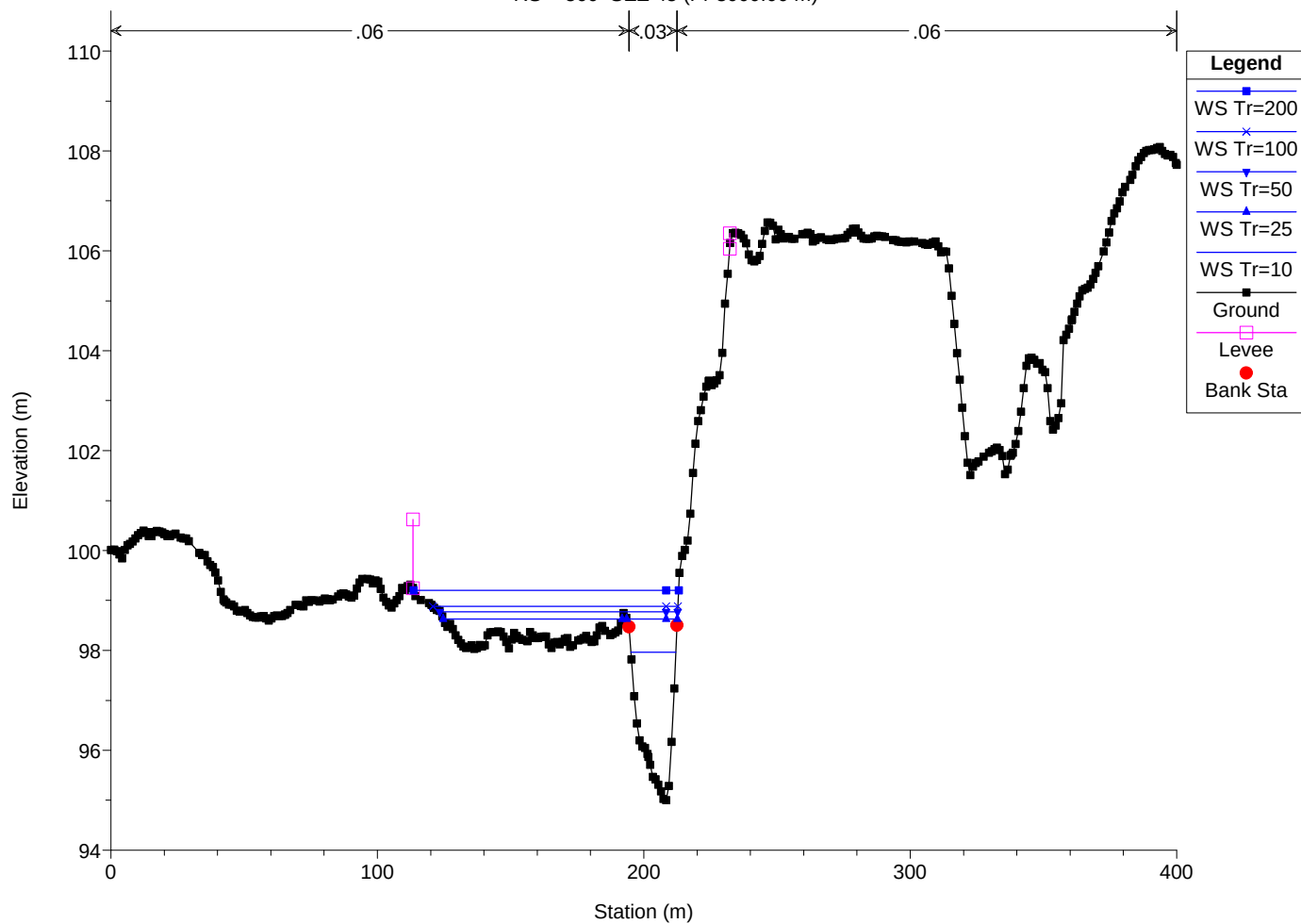
Cormor Udine Plan: Plan 02 10/7/2010
RS = 580 SEZ 43 (Pr 2900.00 m)



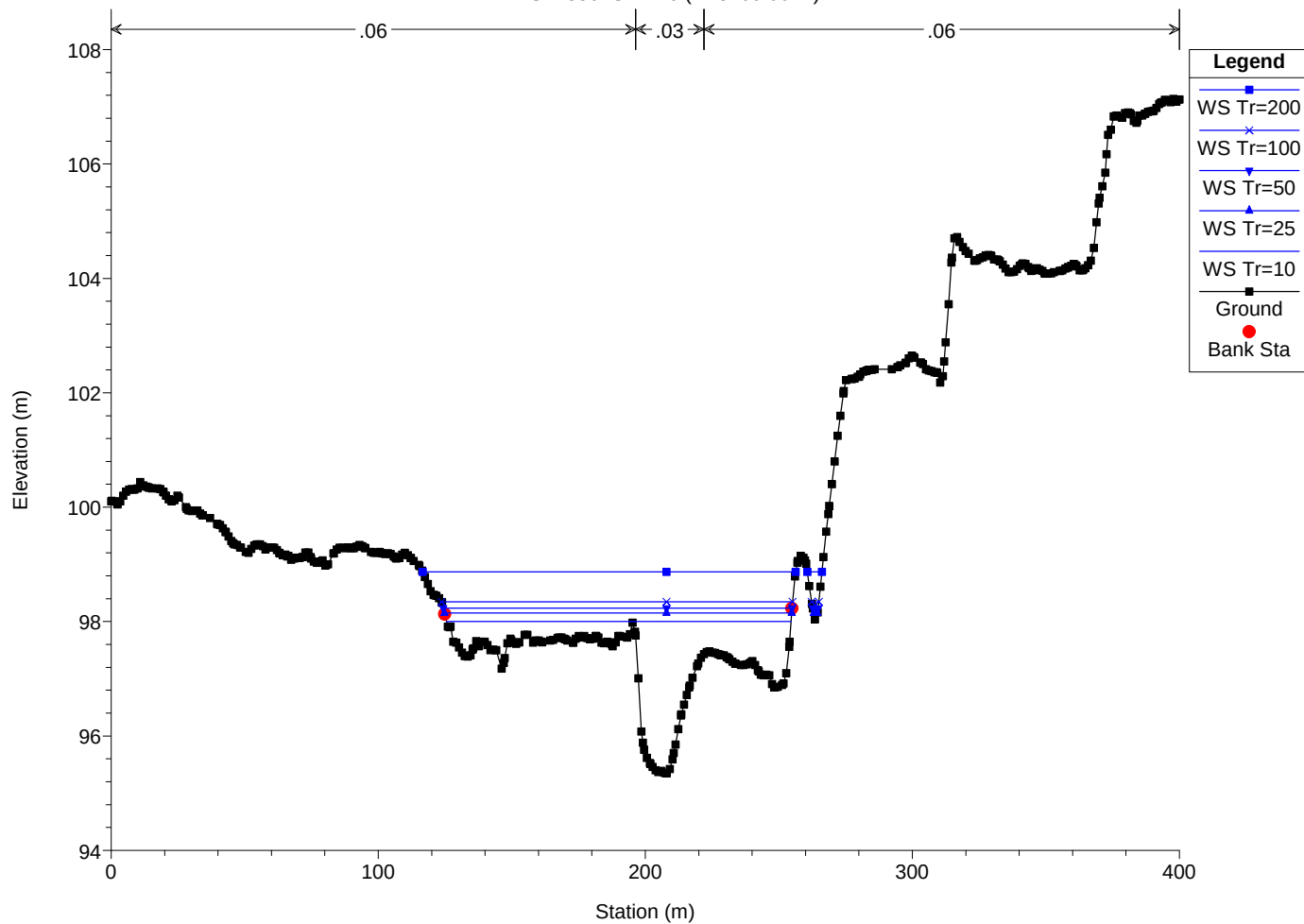
Cormor Udine Plan: Plan 02 10/7/2010
RS = 570 SEZ 44 (Pr 2950.00 m)



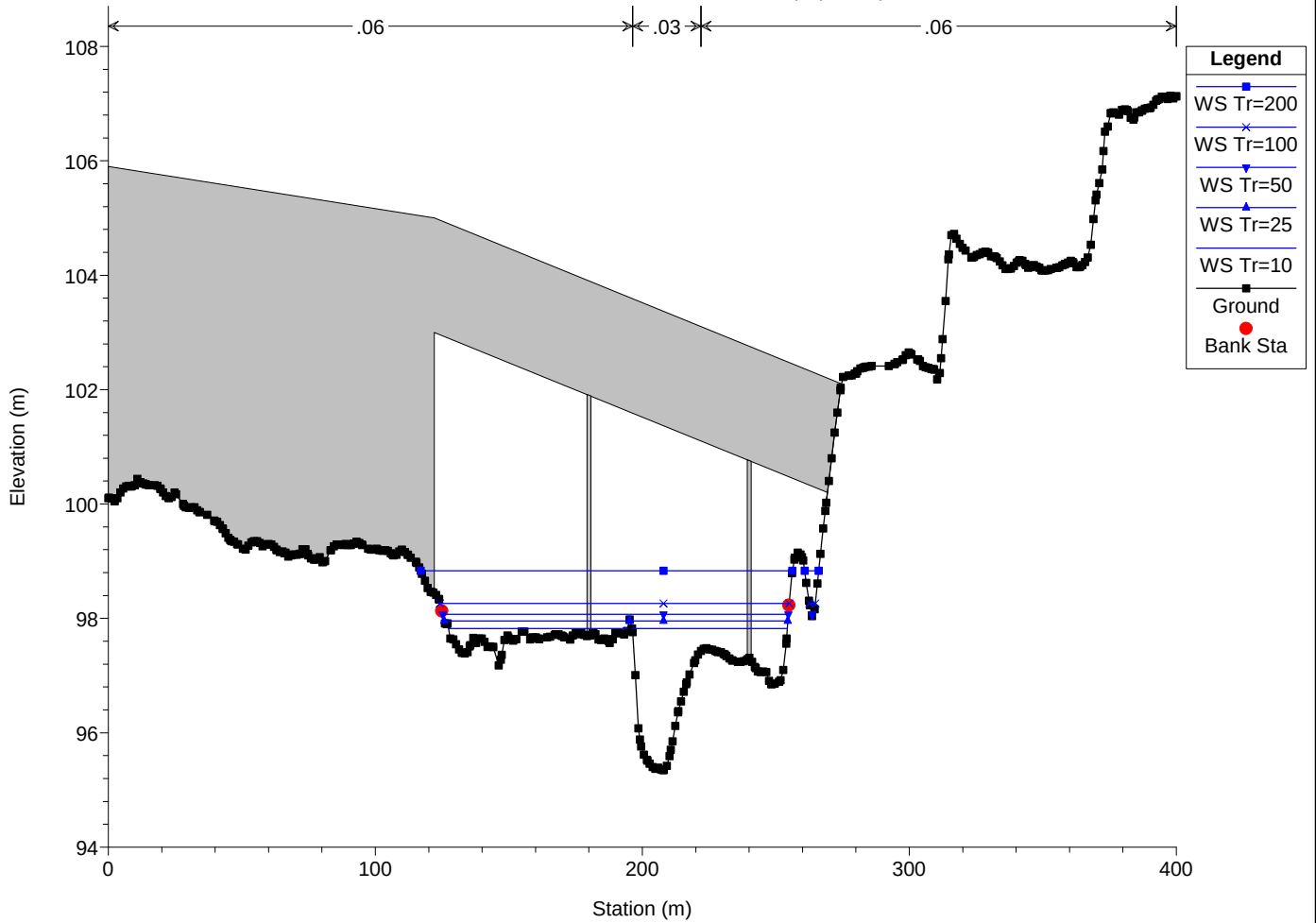
Cormor Udine Plan: Plan 02 10/7/2010
RS = 560 SEZ 45 (Pr 3000.00 m)



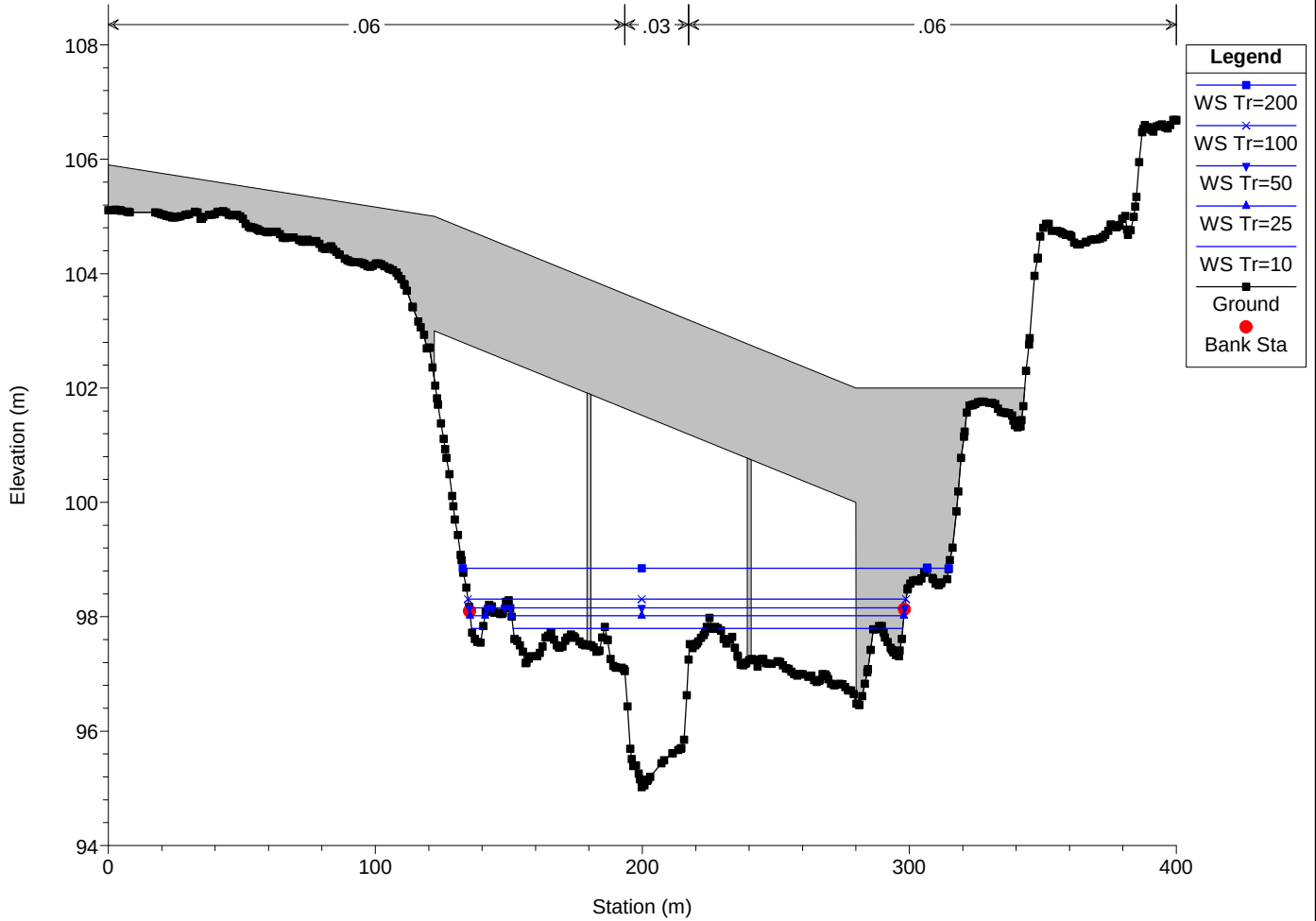
Cormor Udine Plan: Plan 02 10/7/2010
RS = 550 SEZ 46 (Pr 3100.00 m)



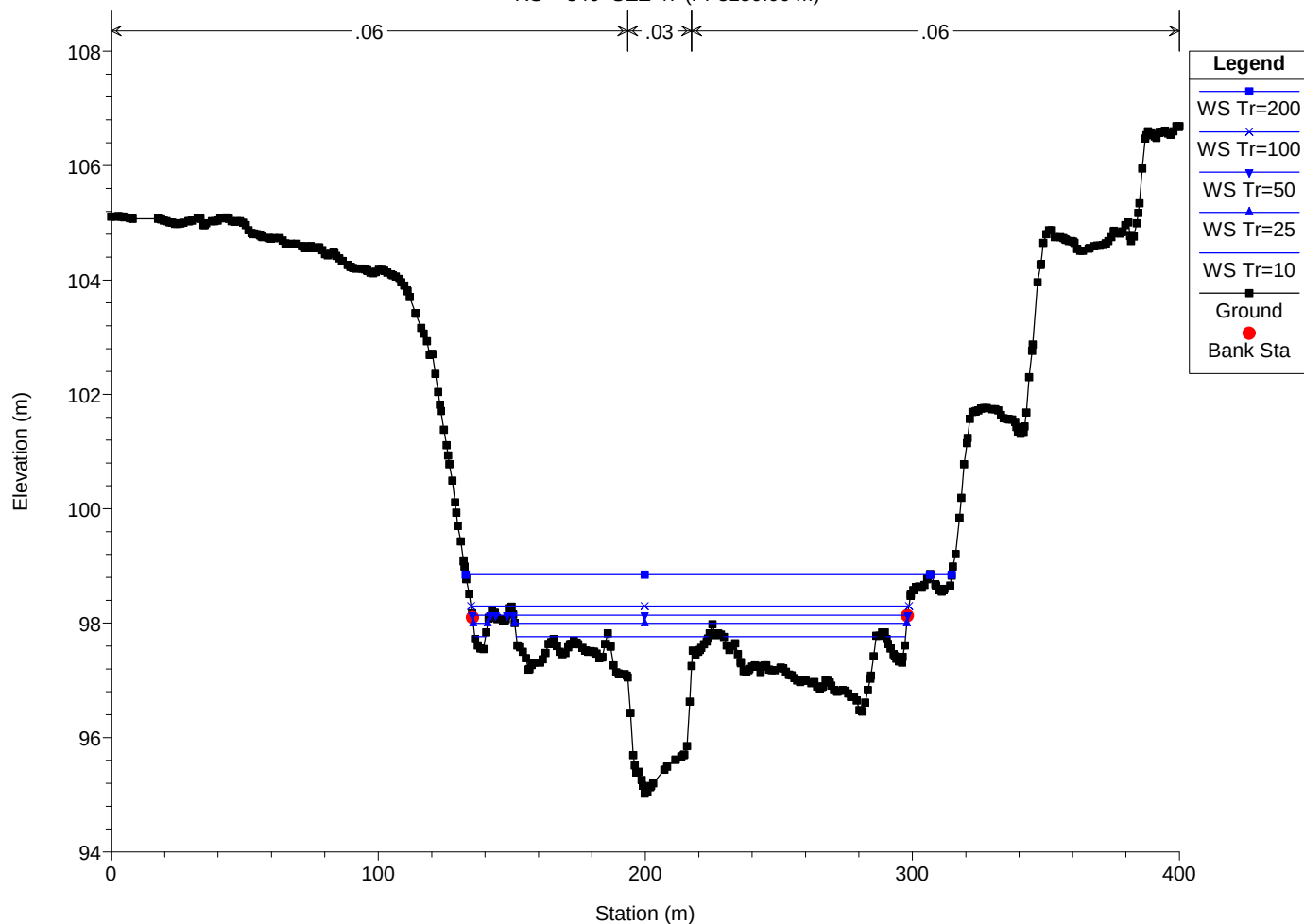
Cormor Udine Plan: Plan 02 10/7/2010
RS = 545 BR Ponte via Boccaccio (ospedale)



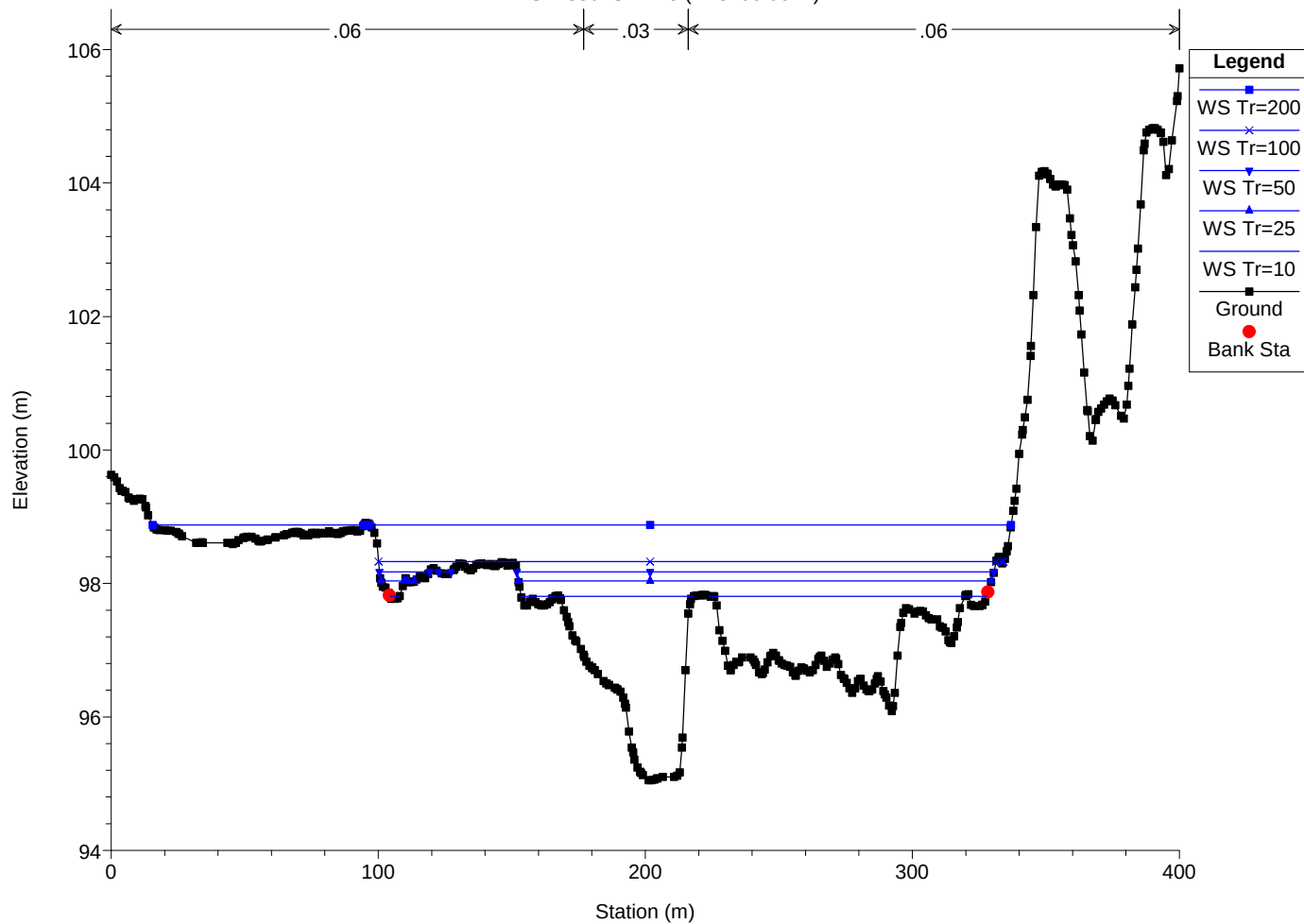
Cormor Udine Plan: Plan 02 10/7/2010
RS = 545 BR Ponte via Boccaccio (ospedale)



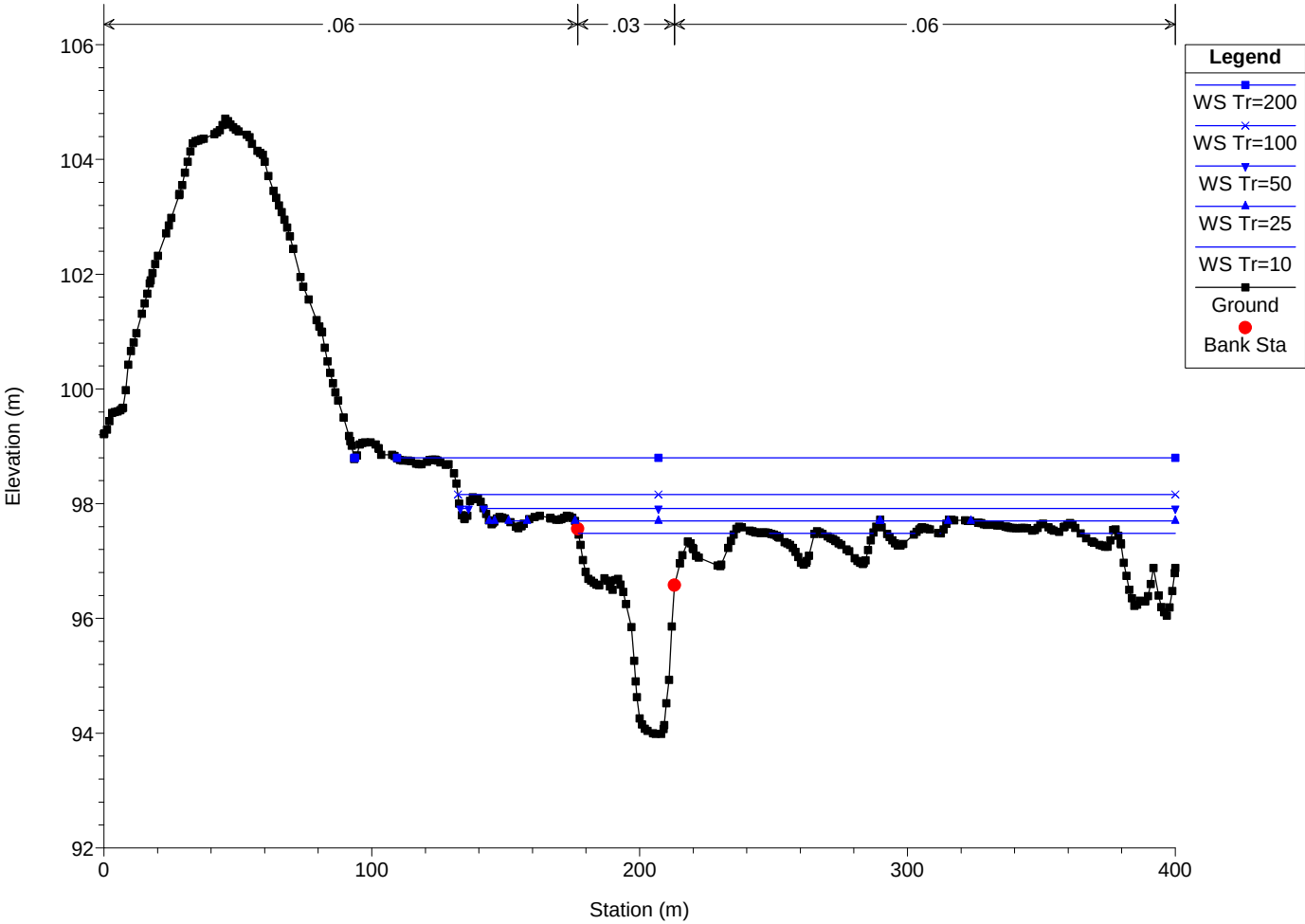
Cormor Udine Plan: Plan 02 10/7/2010
RS = 540 SEZ 47 (Pr 3150.00 m)



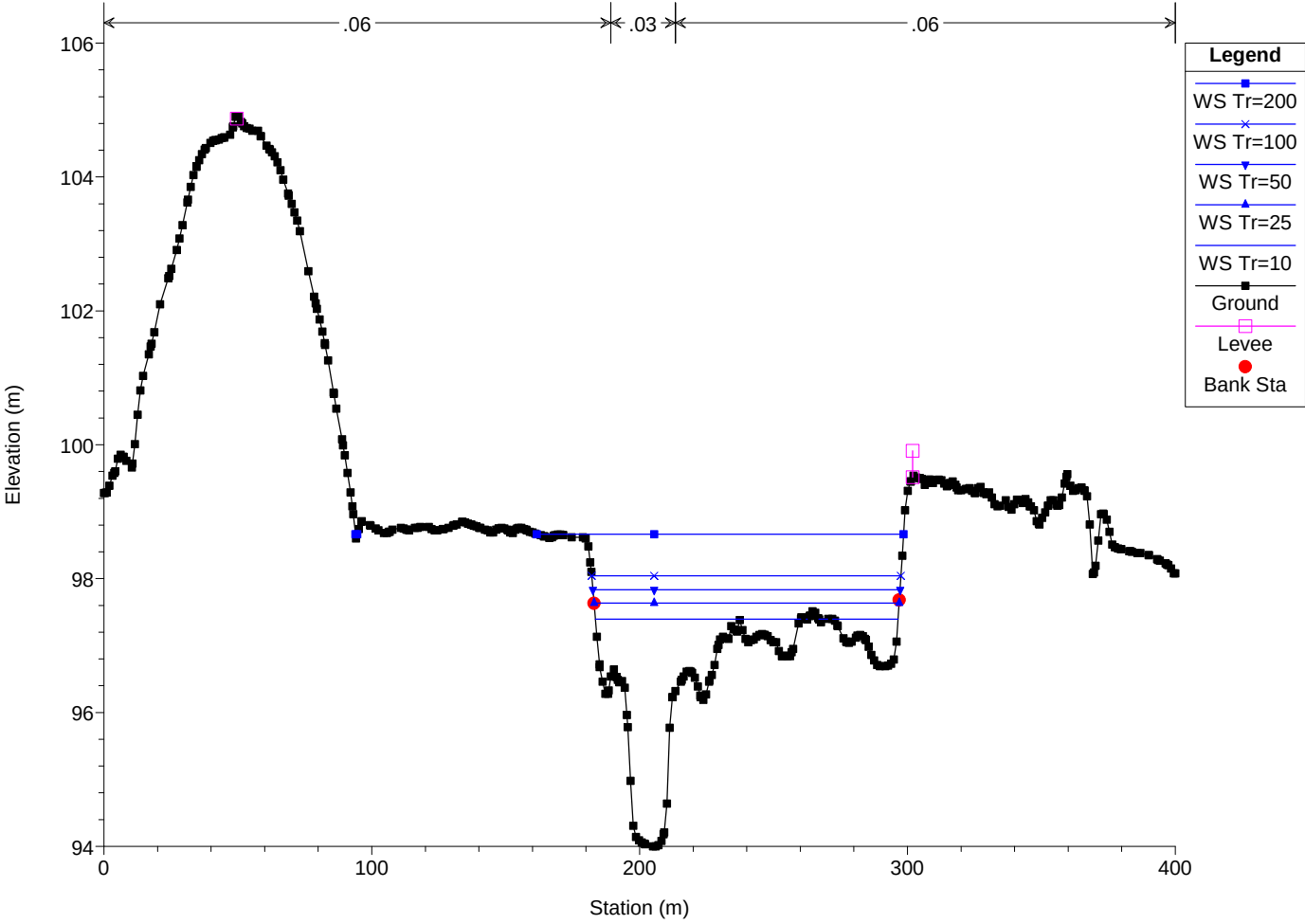
Cormor Udine Plan: Plan 02 10/7/2010
RS = 530 SEZ 48 (Pr 3200.00 m)



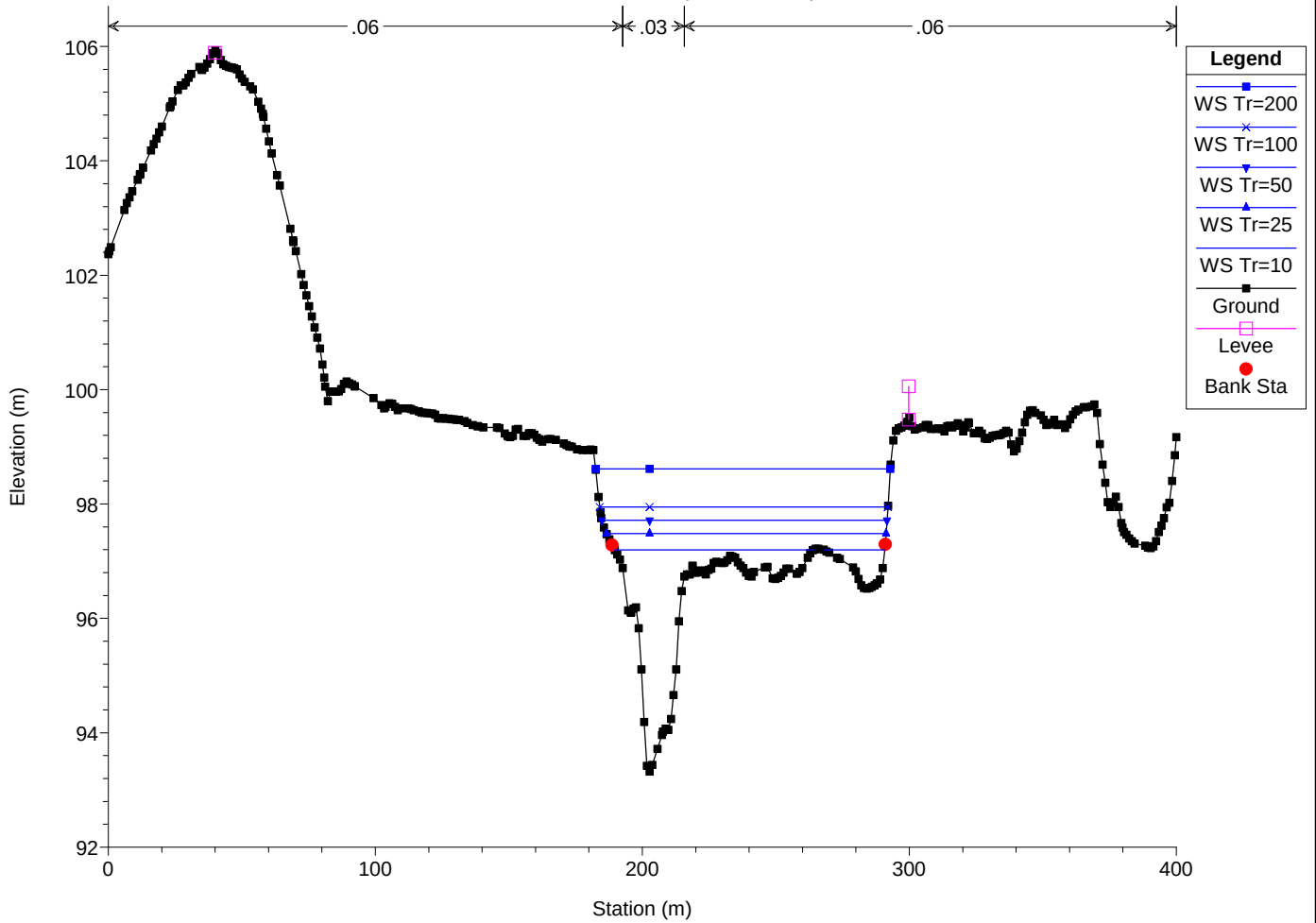
Cormor Udine Plan: Plan 02 10/7/2010
RS = 520 SEZ 49 (Pr 3350.00 m)



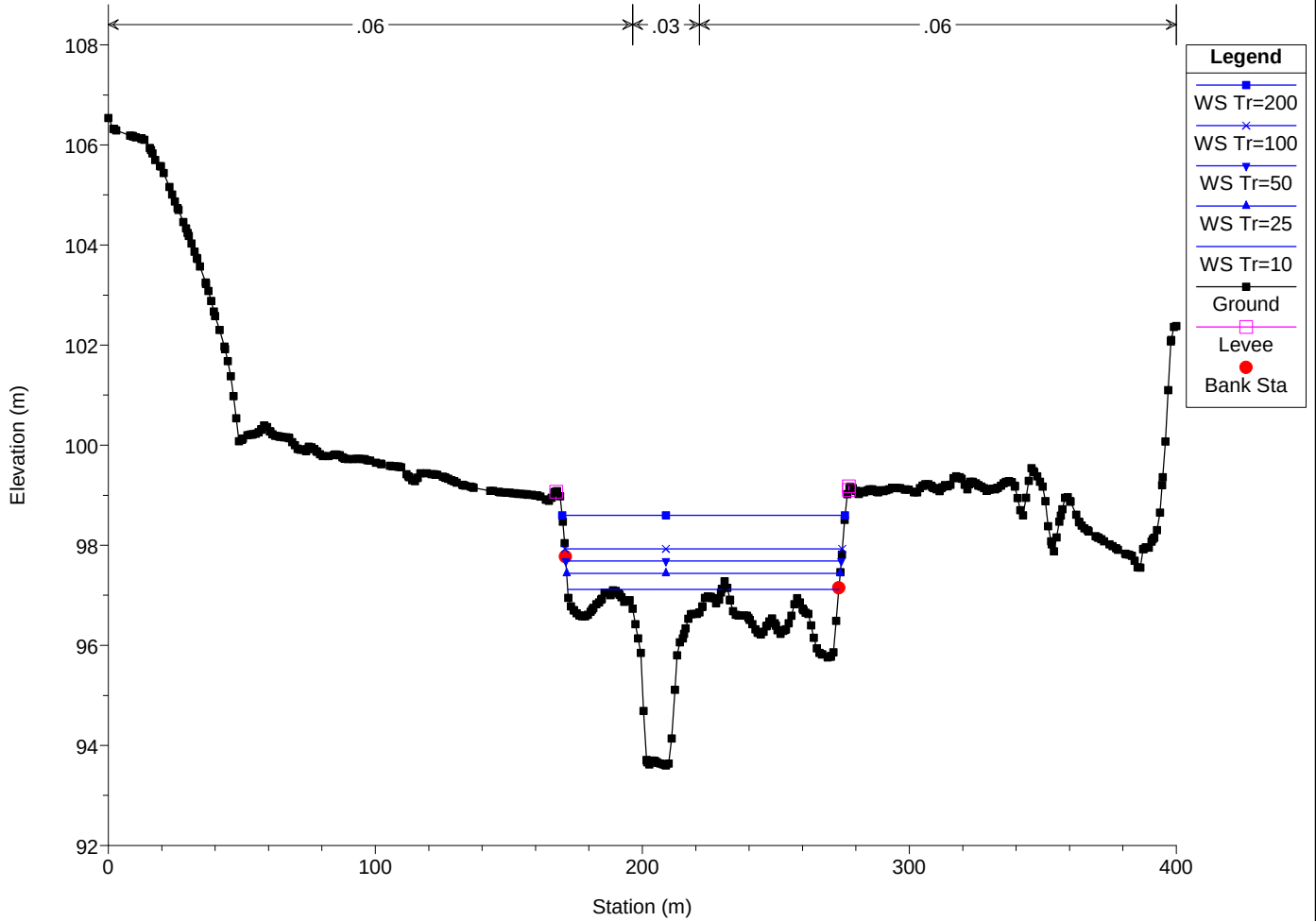
Cormor Udine Plan: Plan 02 10/7/2010
RS = 510 SEZ 50 (Pr 3400.00 m)



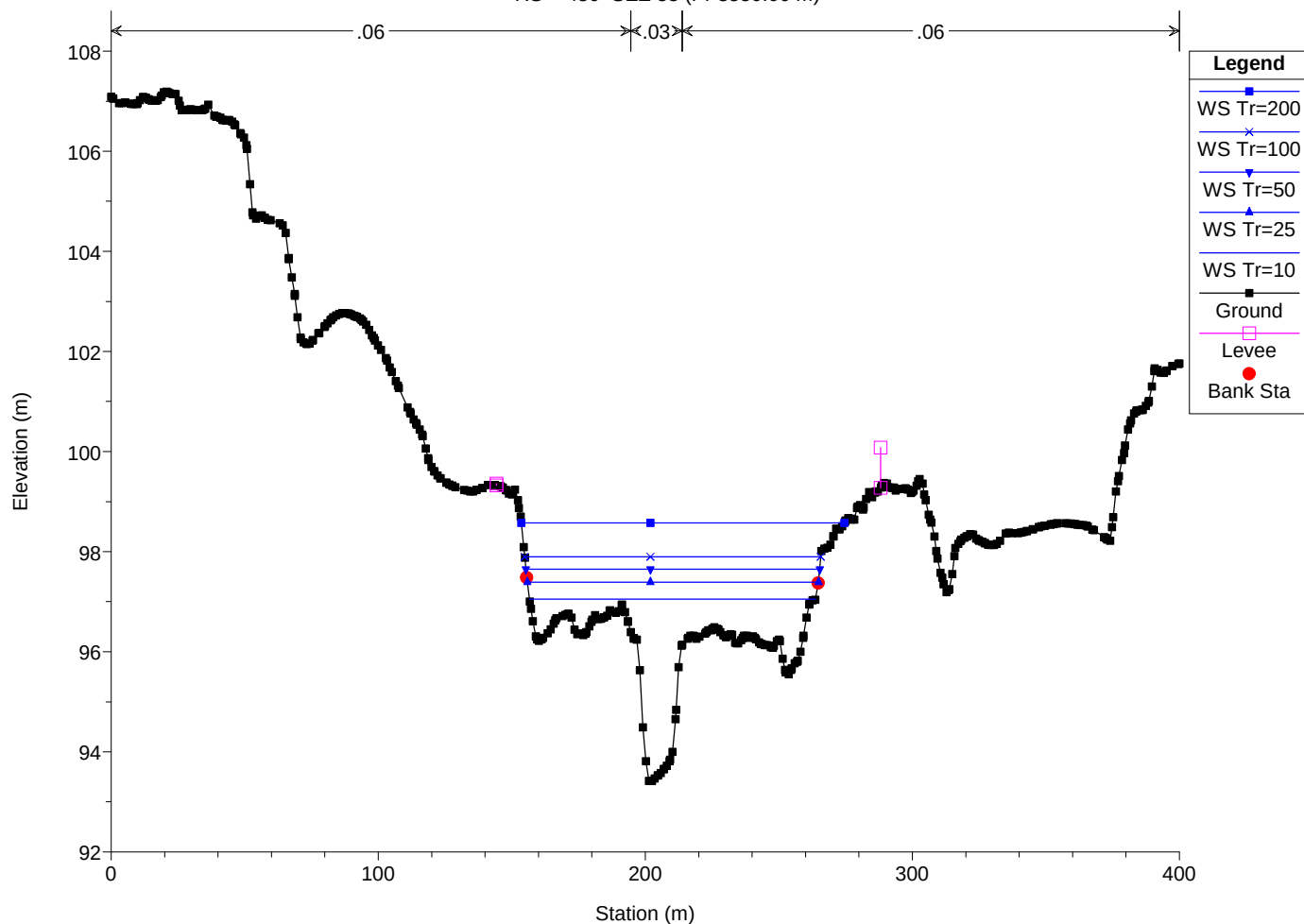
Cormor Udine Plan: Plan 02 10/7/2010
RS = 500 SEZ 51 (Pr 3450.00 m)



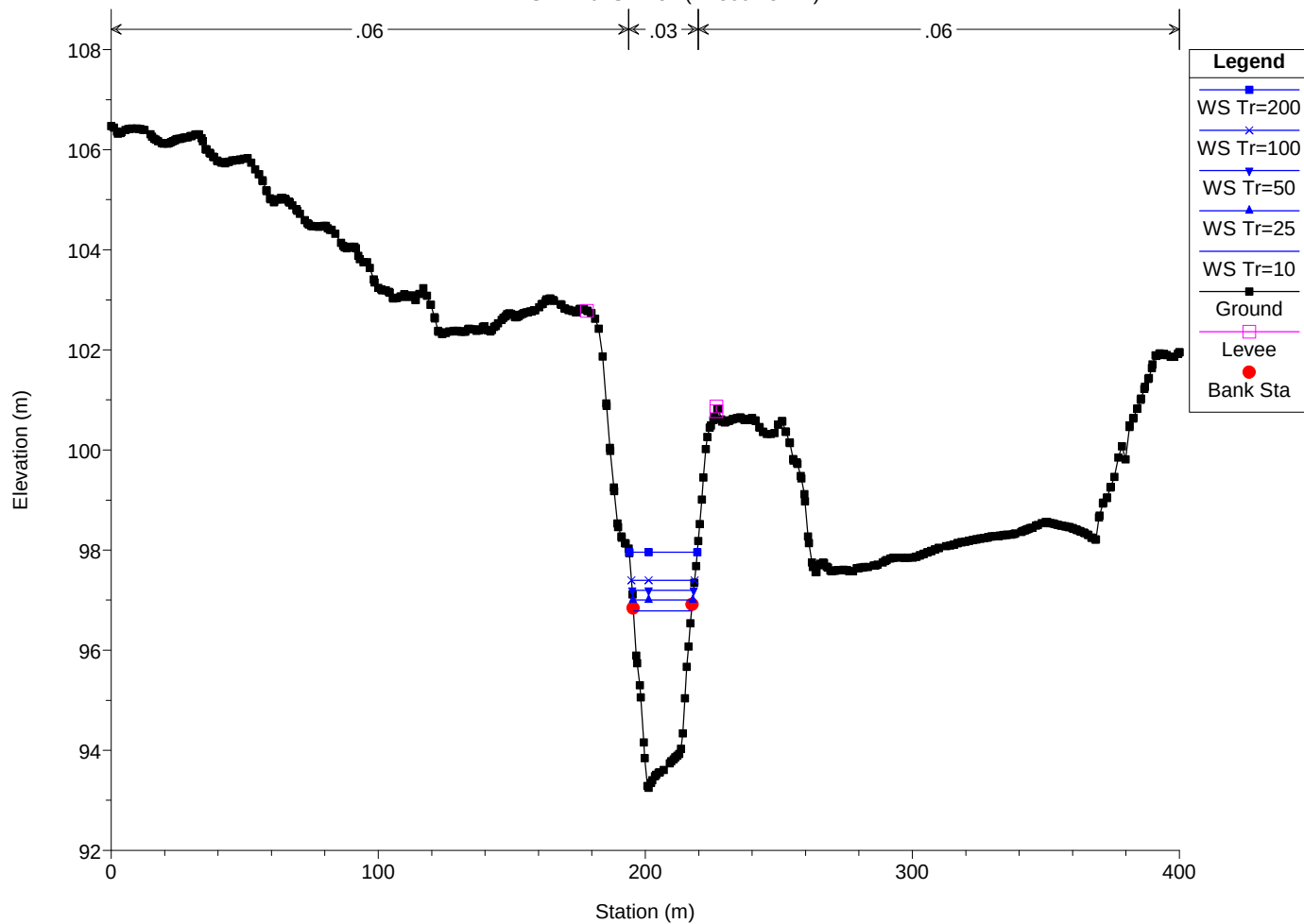
Cormor Udine Plan: Plan 02 10/7/2010
RS = 490 SEZ 52 (Pr 3500.00 m)



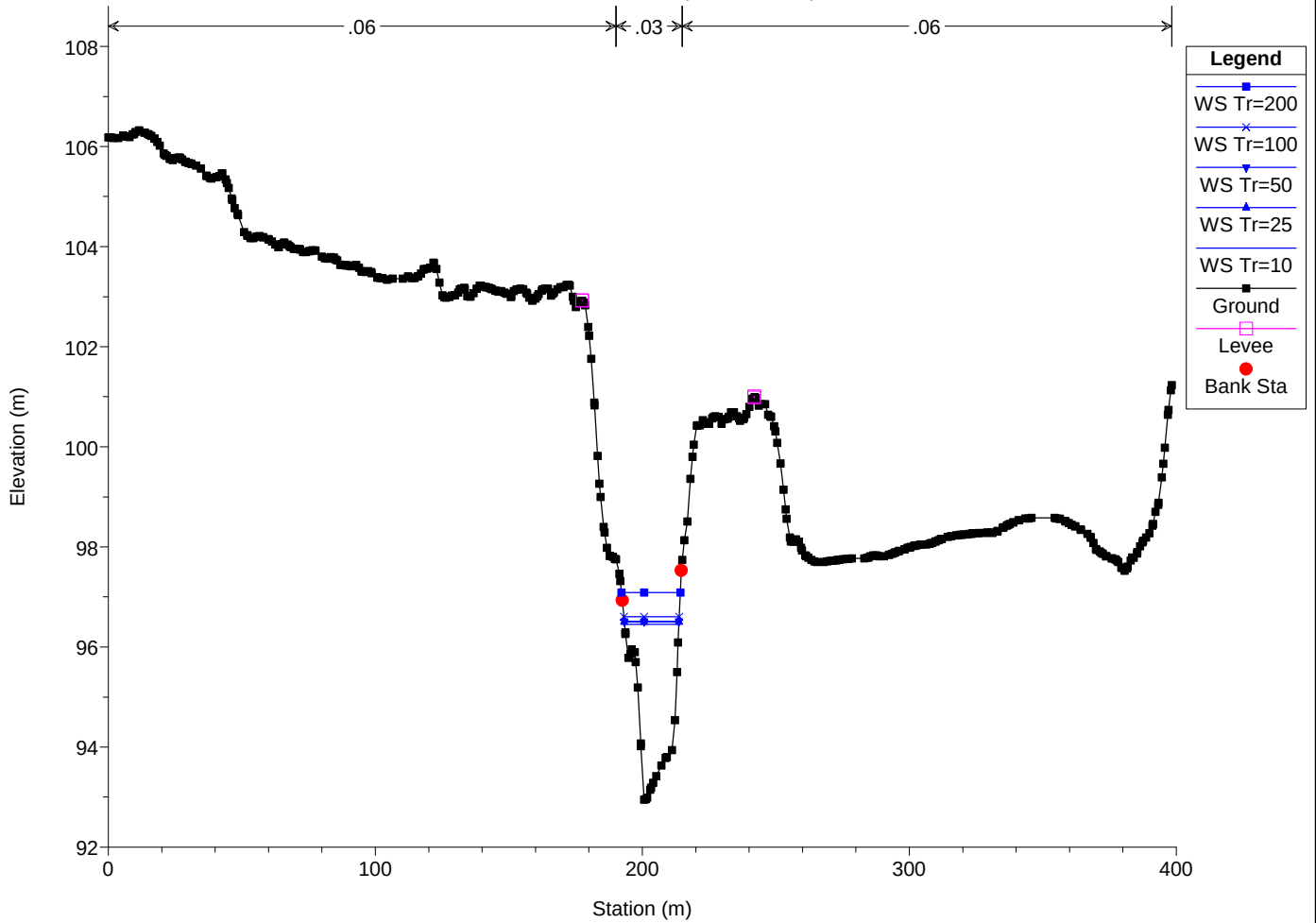
Cormor Udine Plan: Plan 02 10/7/2010
RS = 480 SEZ 53 (Pr 3550.00 m)



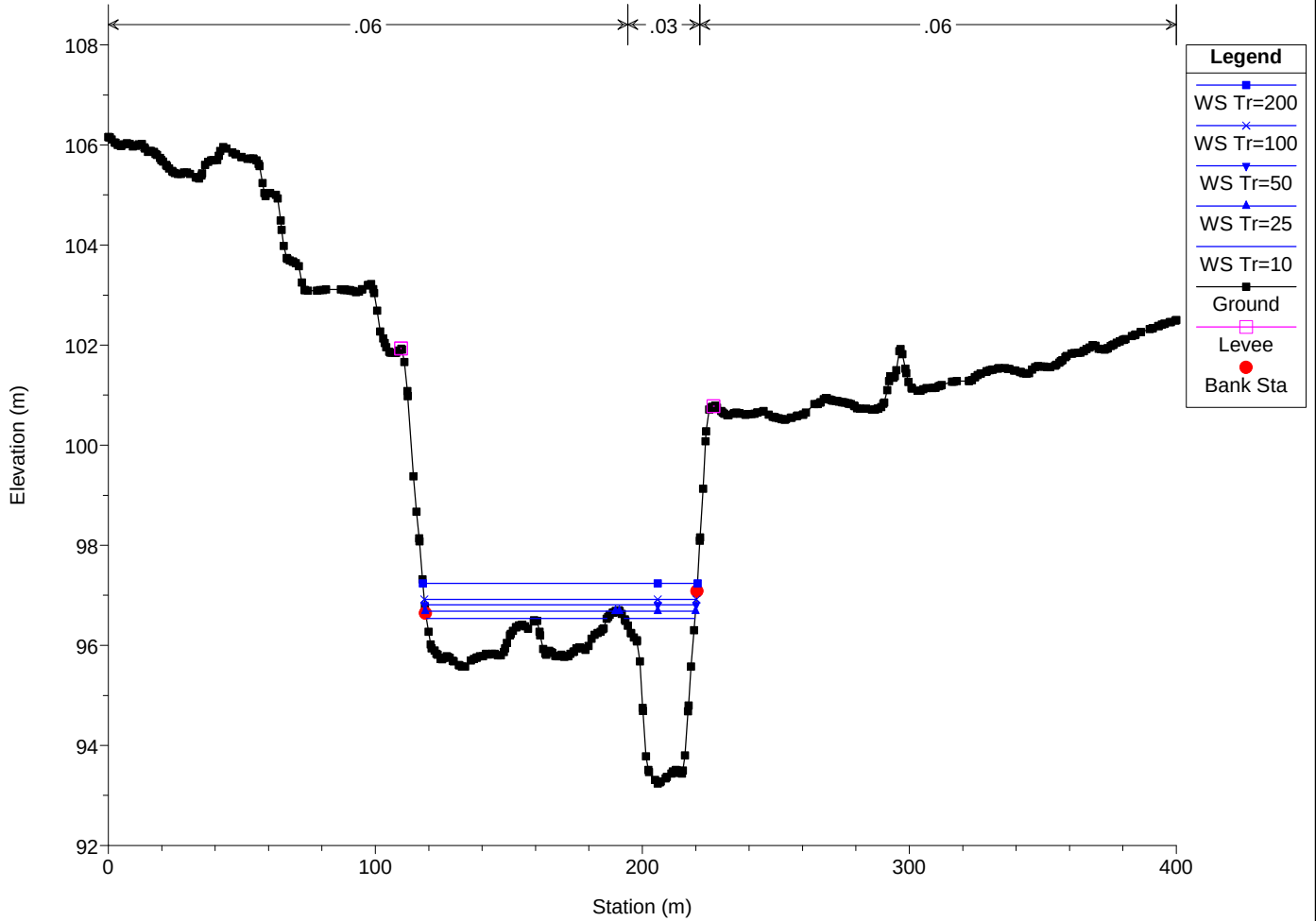
Cormor Udine Plan: Plan 02 10/7/2010
RS = 470 SEZ 54 (Pr 3604.52 m)



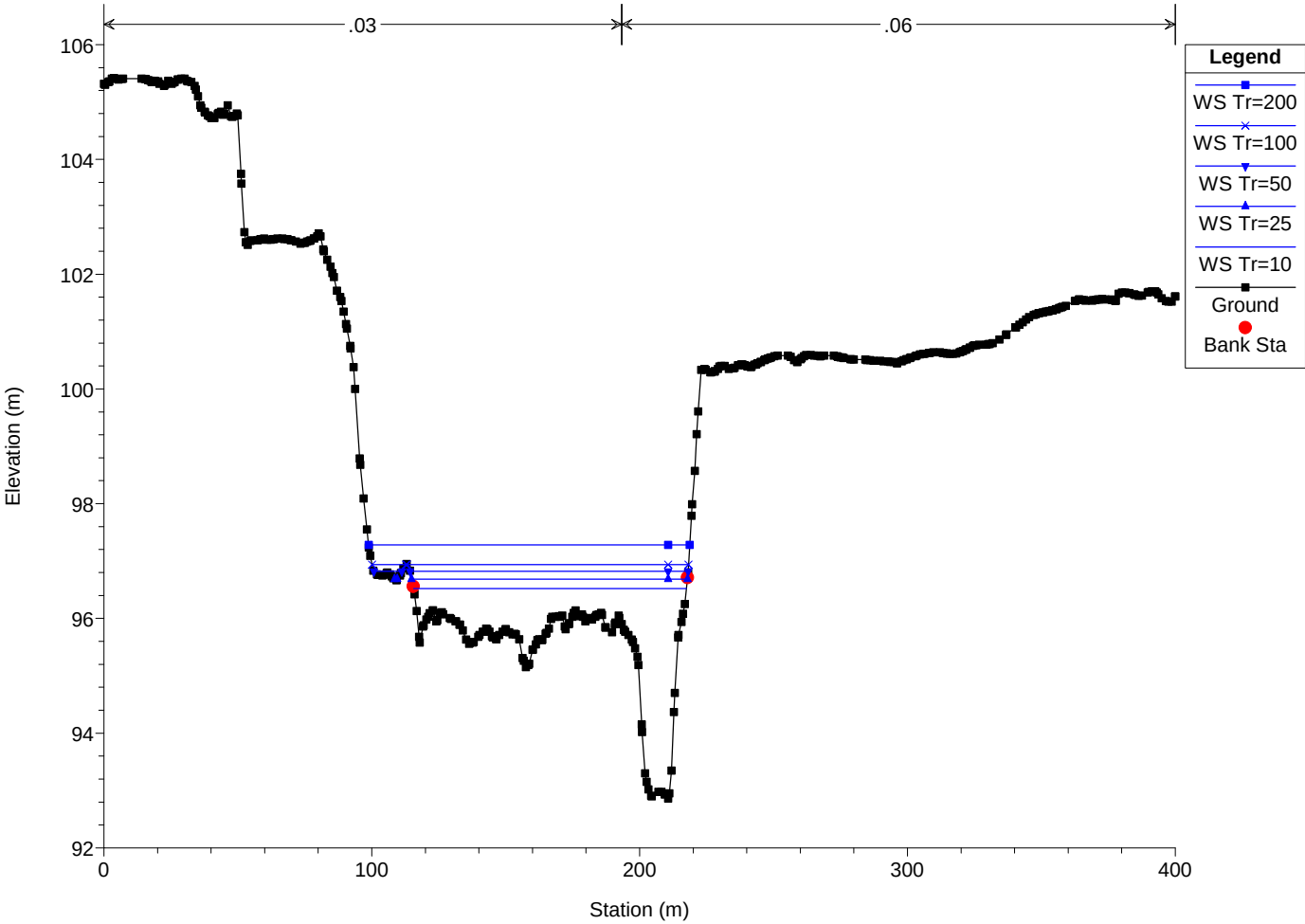
Cormor Udine Plan: Plan 02 10/7/2010
RS = 460 SEZ 55 (Pr 3637.11 m)



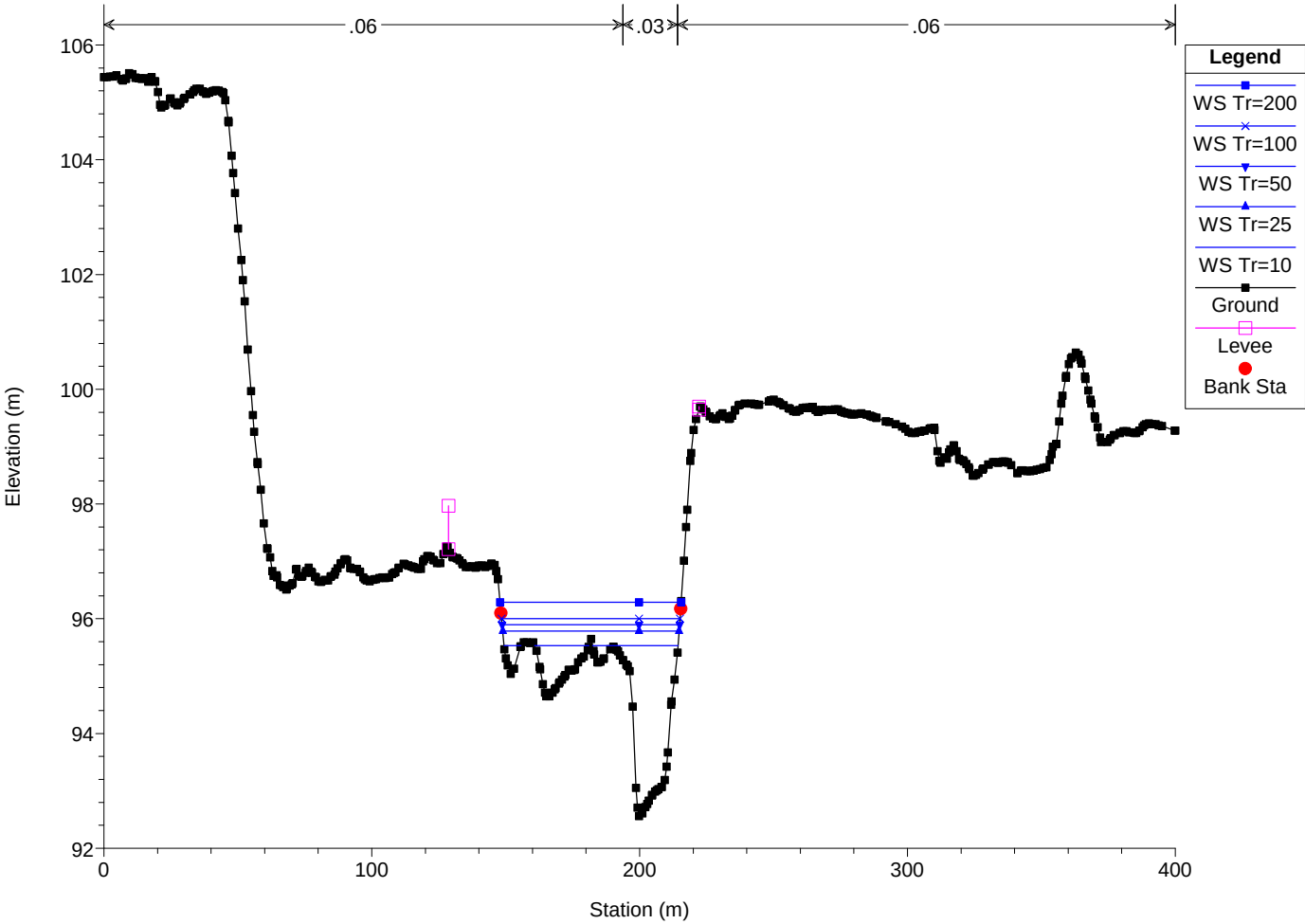
Cormor Udine Plan: Plan 02 10/7/2010
RS = 450 SEZ 56 (Pr 3700.00 m)



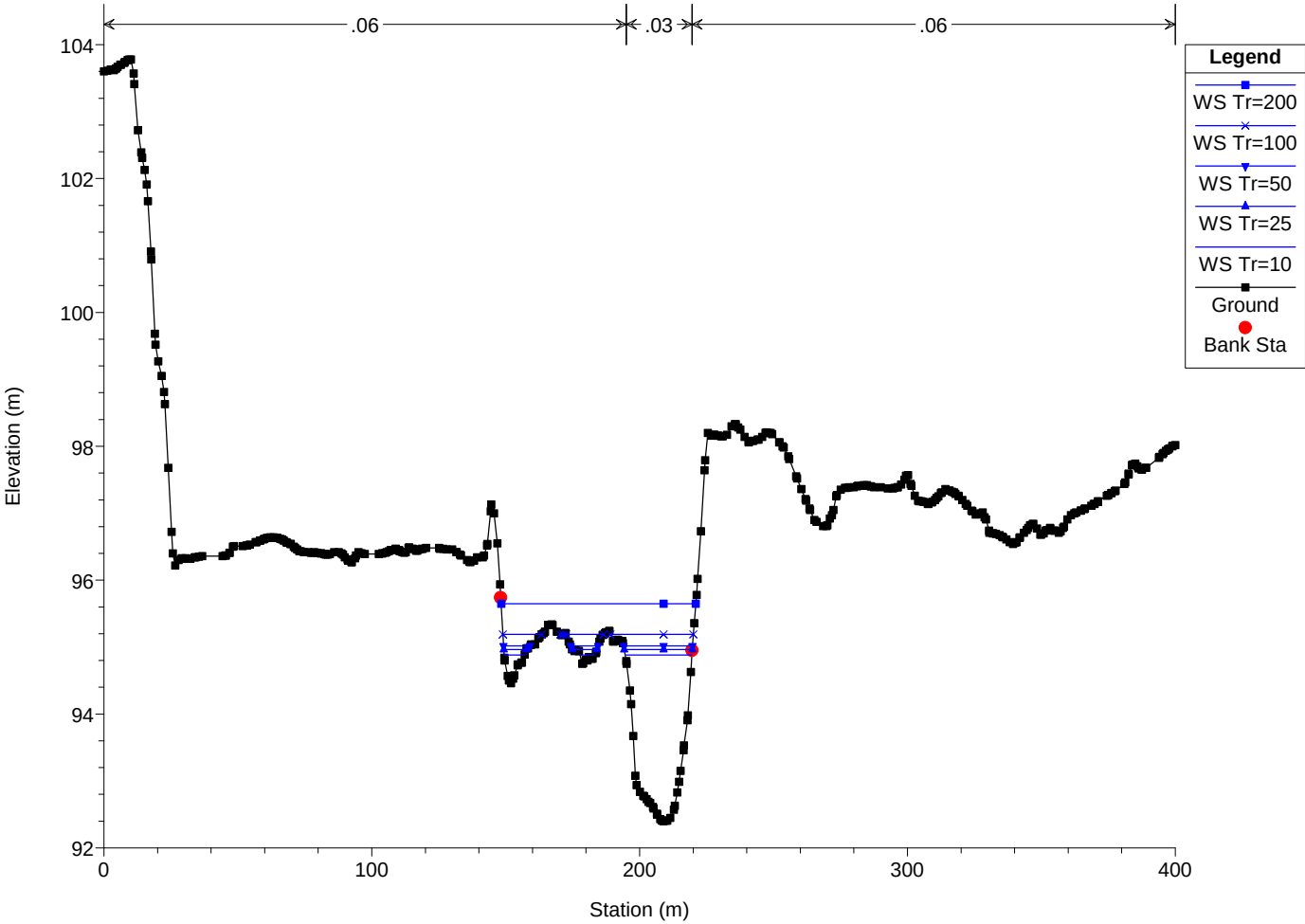
Cormor Udine Plan: Plan 02 10/7/2010
RS = 440 SEZ 57 (Pr 3750.00 m)



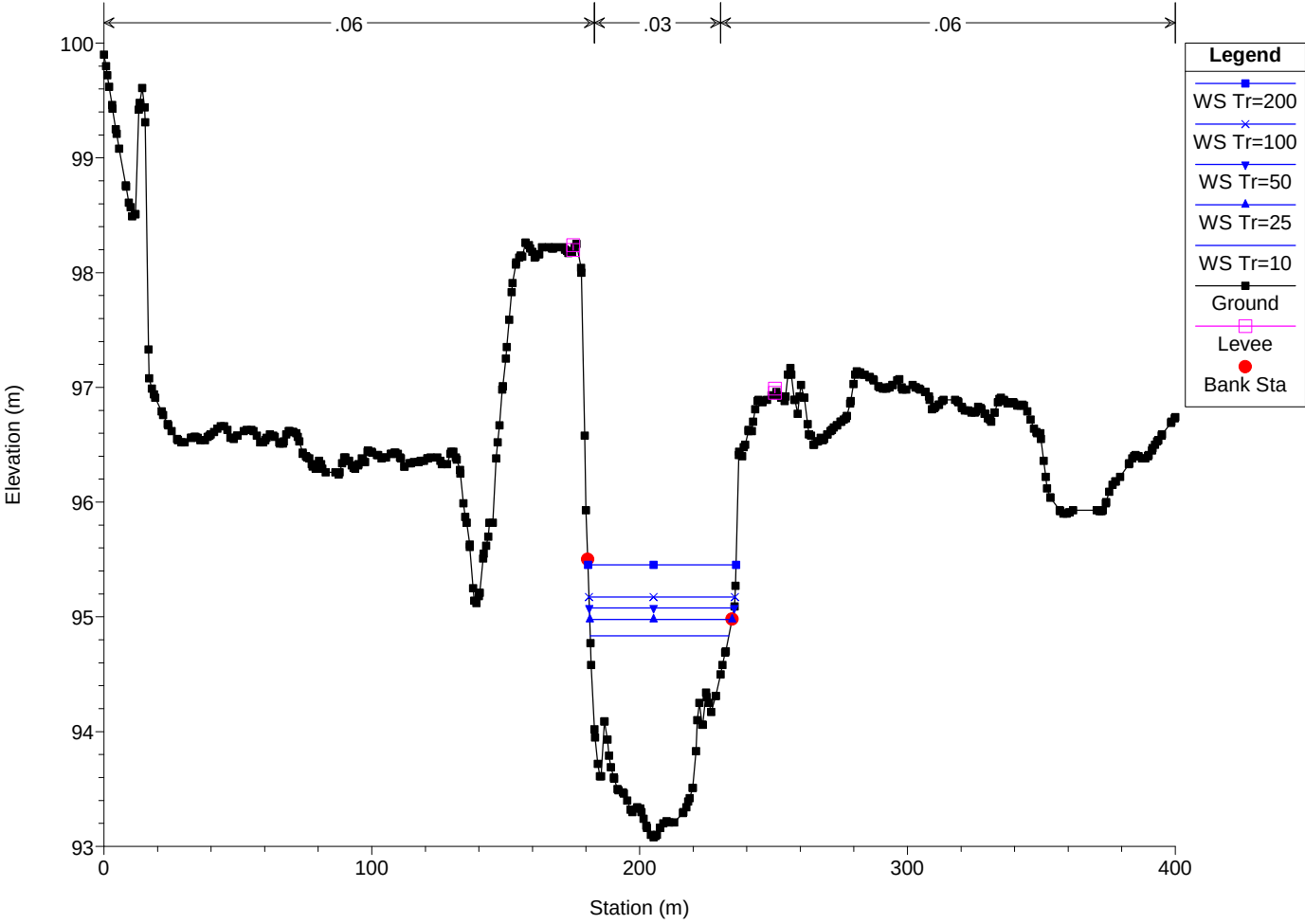
Cormor Udine Plan: Plan 02 10/7/2010
RS = 430 SEZ 58 (Pr 3850.00 m)



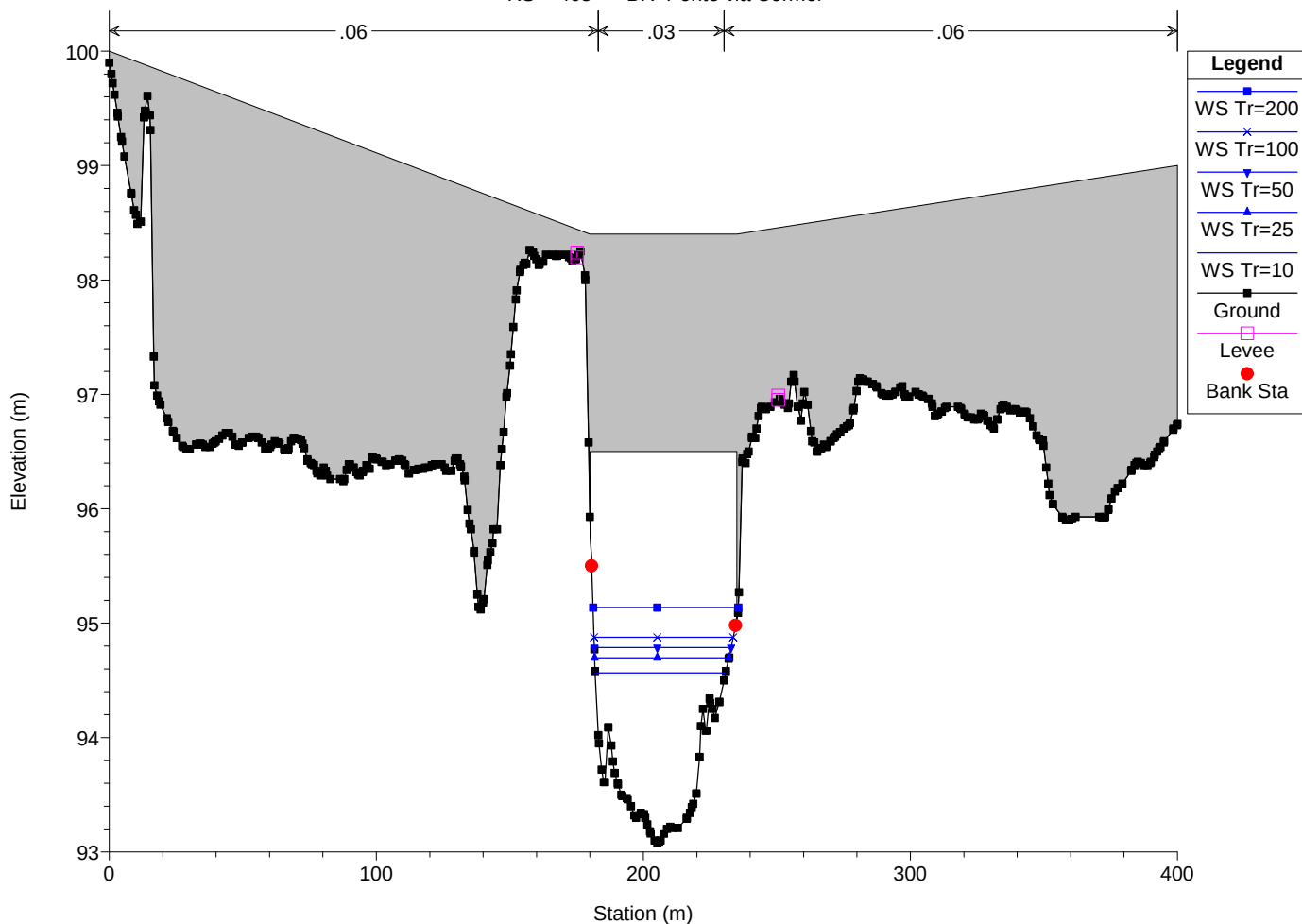
Cormor Udine Plan: Plan 02 10/7/2010
RS = 420 SEZ 59 (Pr 3950.00 m)



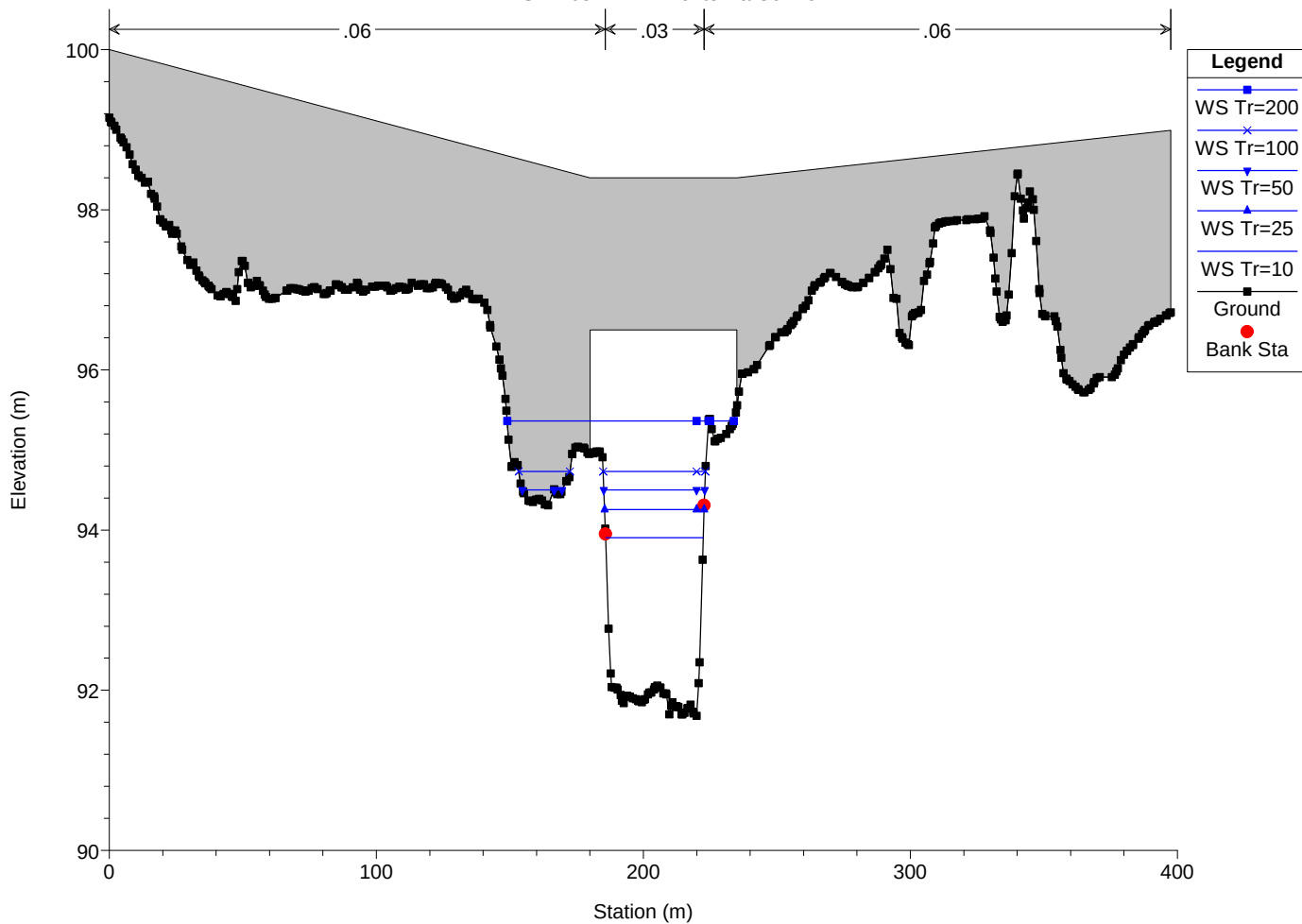
Cormor Udine Plan: Plan 02 10/7/2010
RS = 410 SEZ 60 (Pr 4000.00 m)



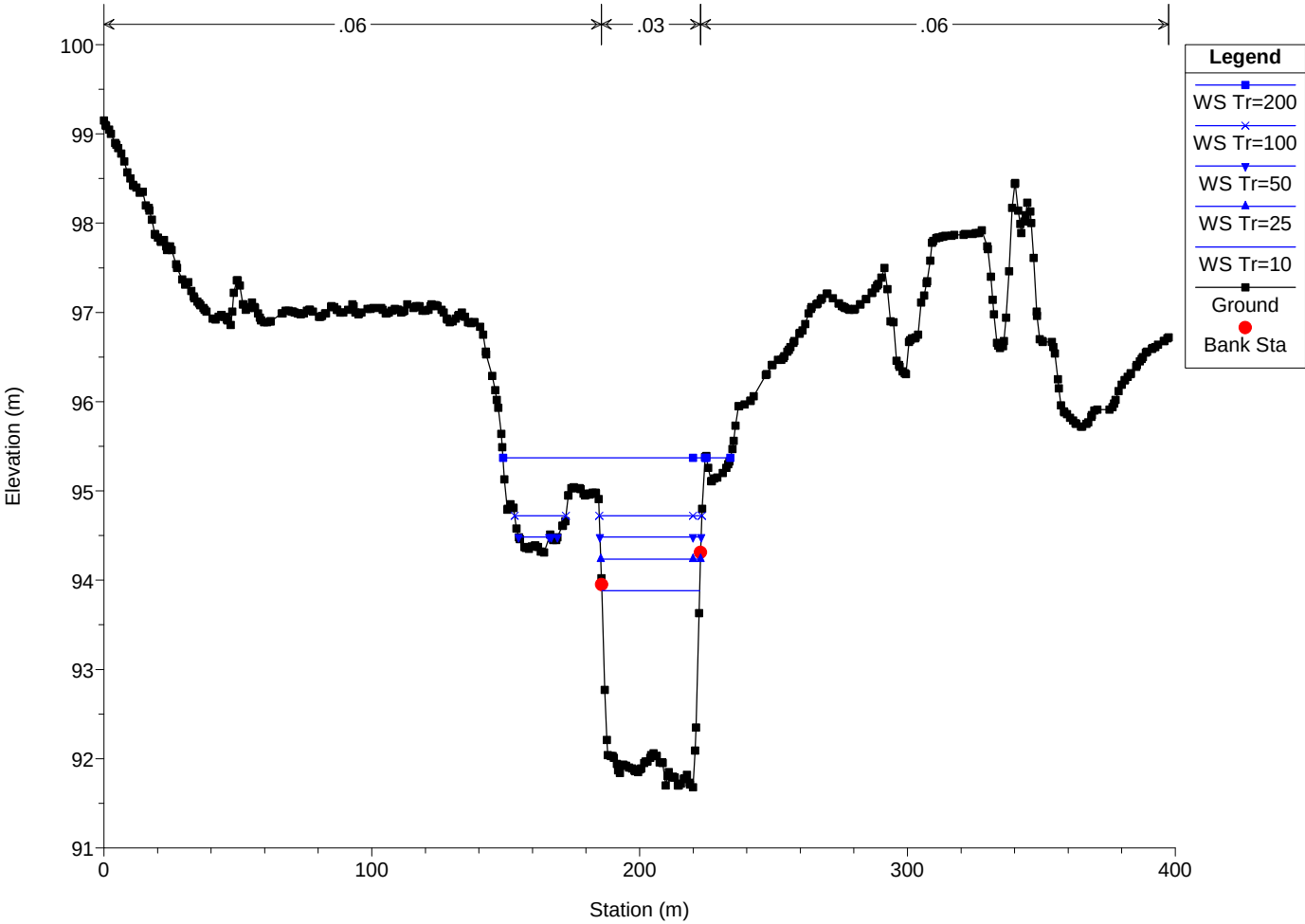
Cormor Udine Plan: Plan 02 10/7/2010
RS = 405 BR Ponte via Cormor



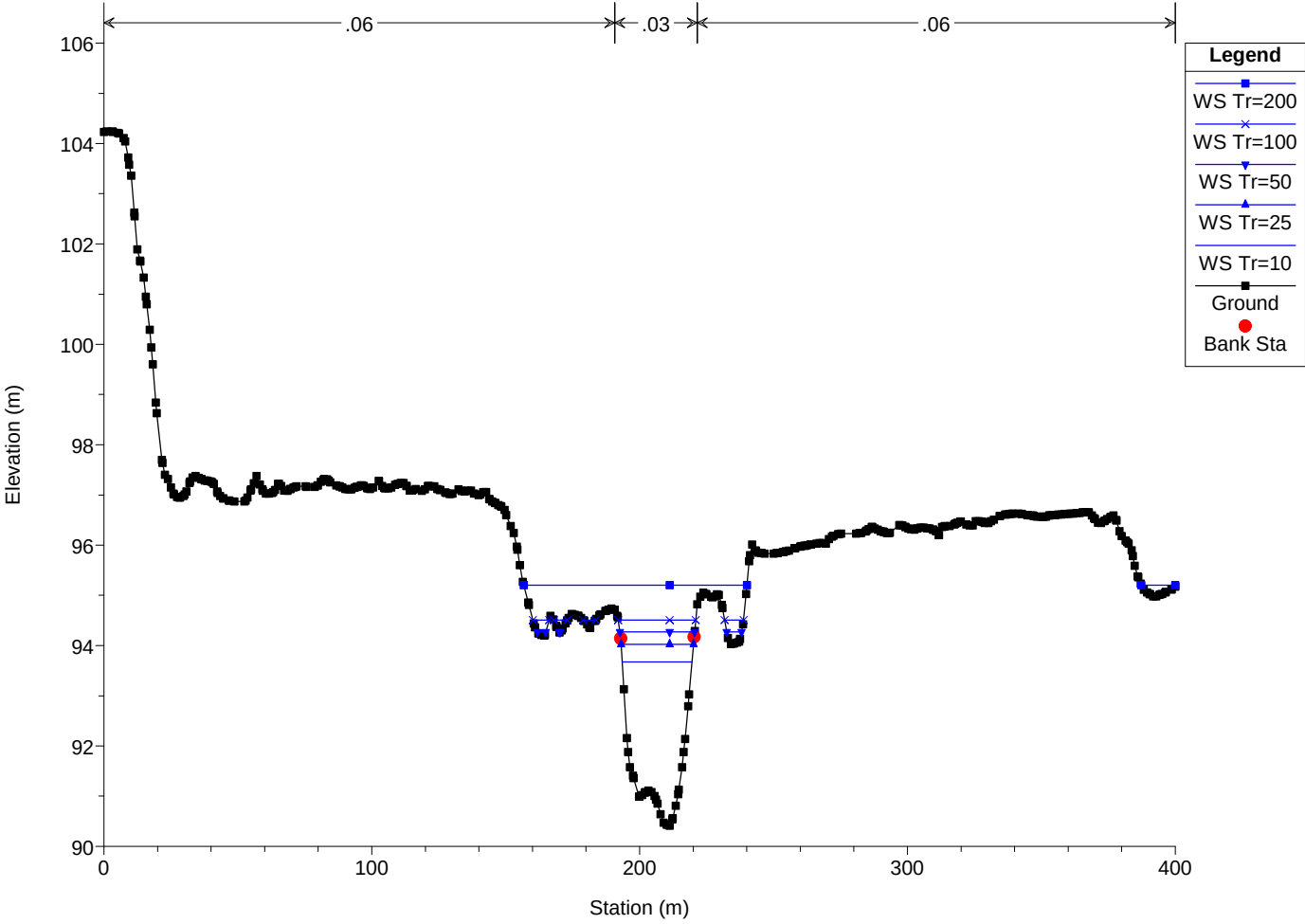
Cormor Udine Plan: Plan 02 10/7/2010
RS = 405 BR Ponte via Cormor



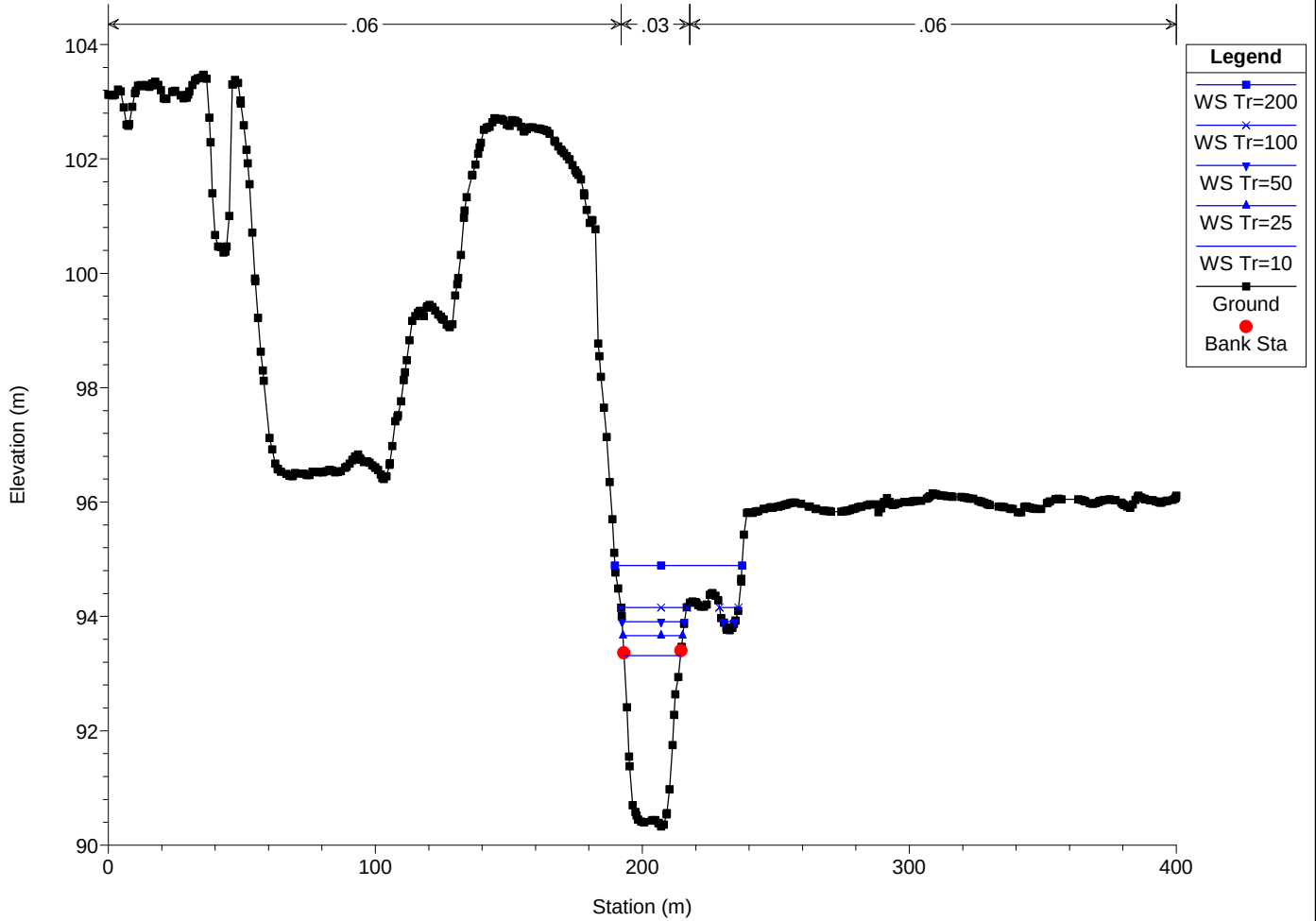
Cormor Udine Plan: Plan 02 10/7/2010
RS = 400 SEZ 61 (Pr 4030.25 m)



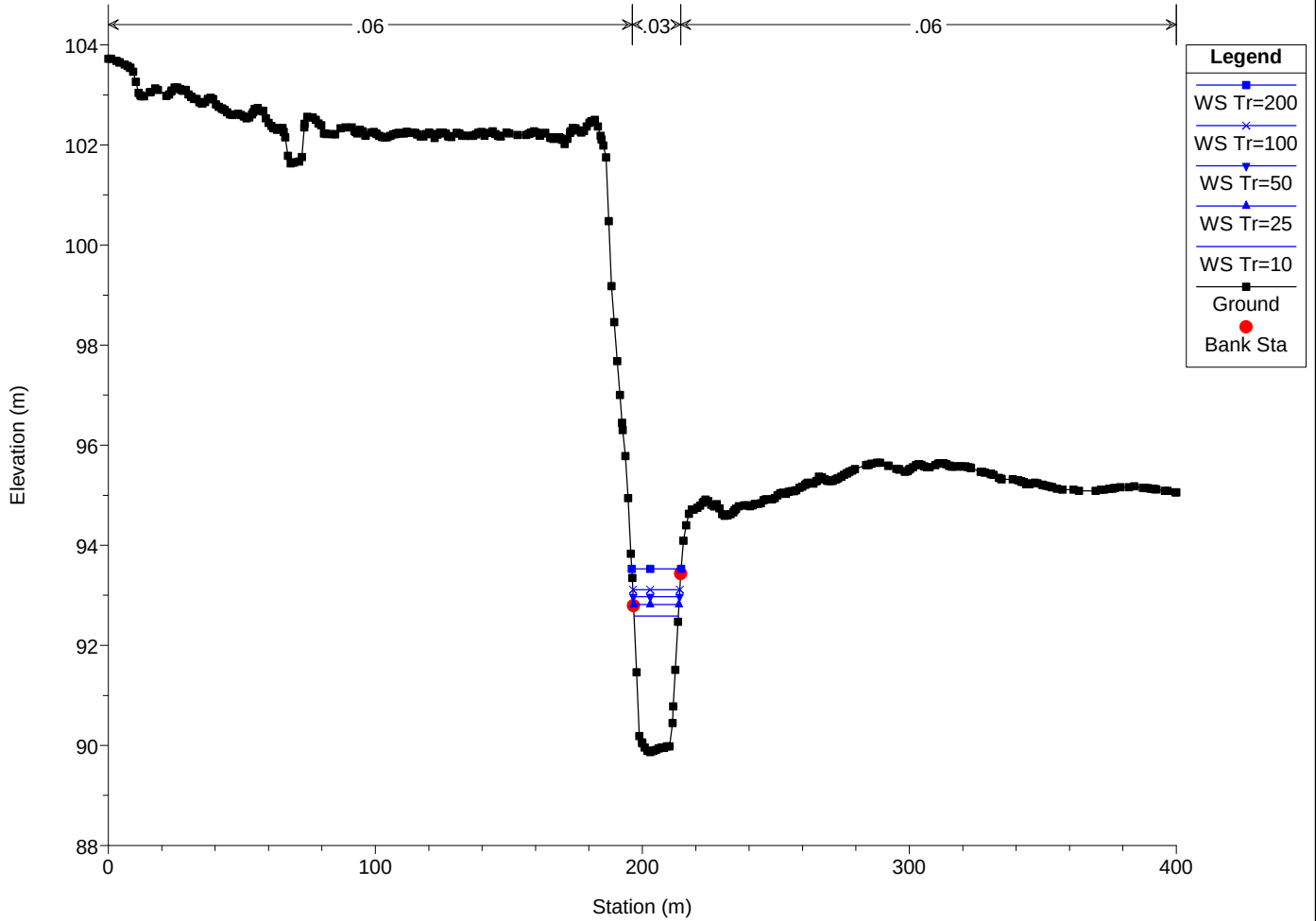
Cormor Udine Plan: Plan 02 10/7/2010
RS = 390 SEZ 62 (Pr 4100.00 m)



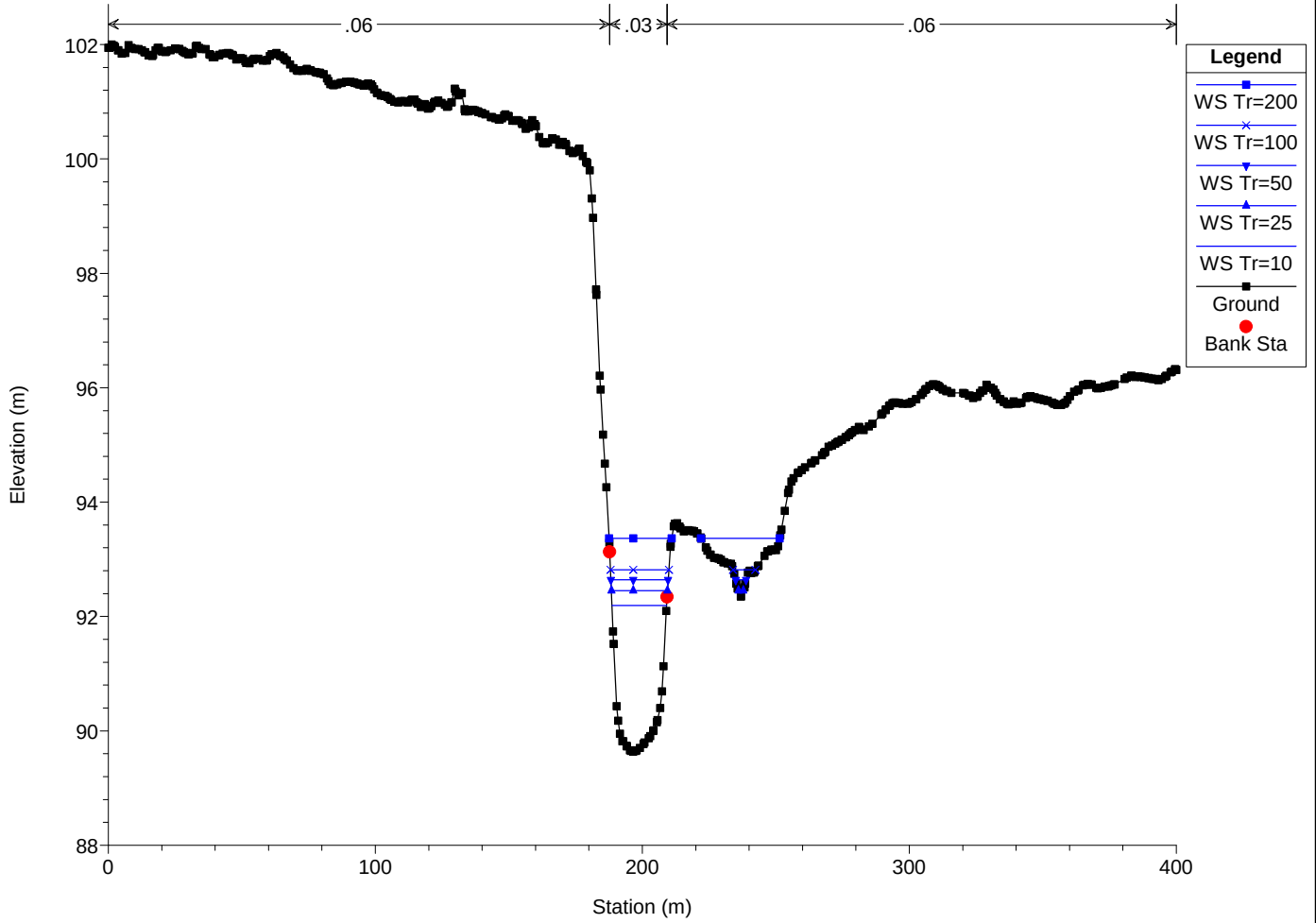
Cormor Udine Plan: Plan 02 10/7/2010
RS = 380 SEZ 63 (Pr 4165.35 m)



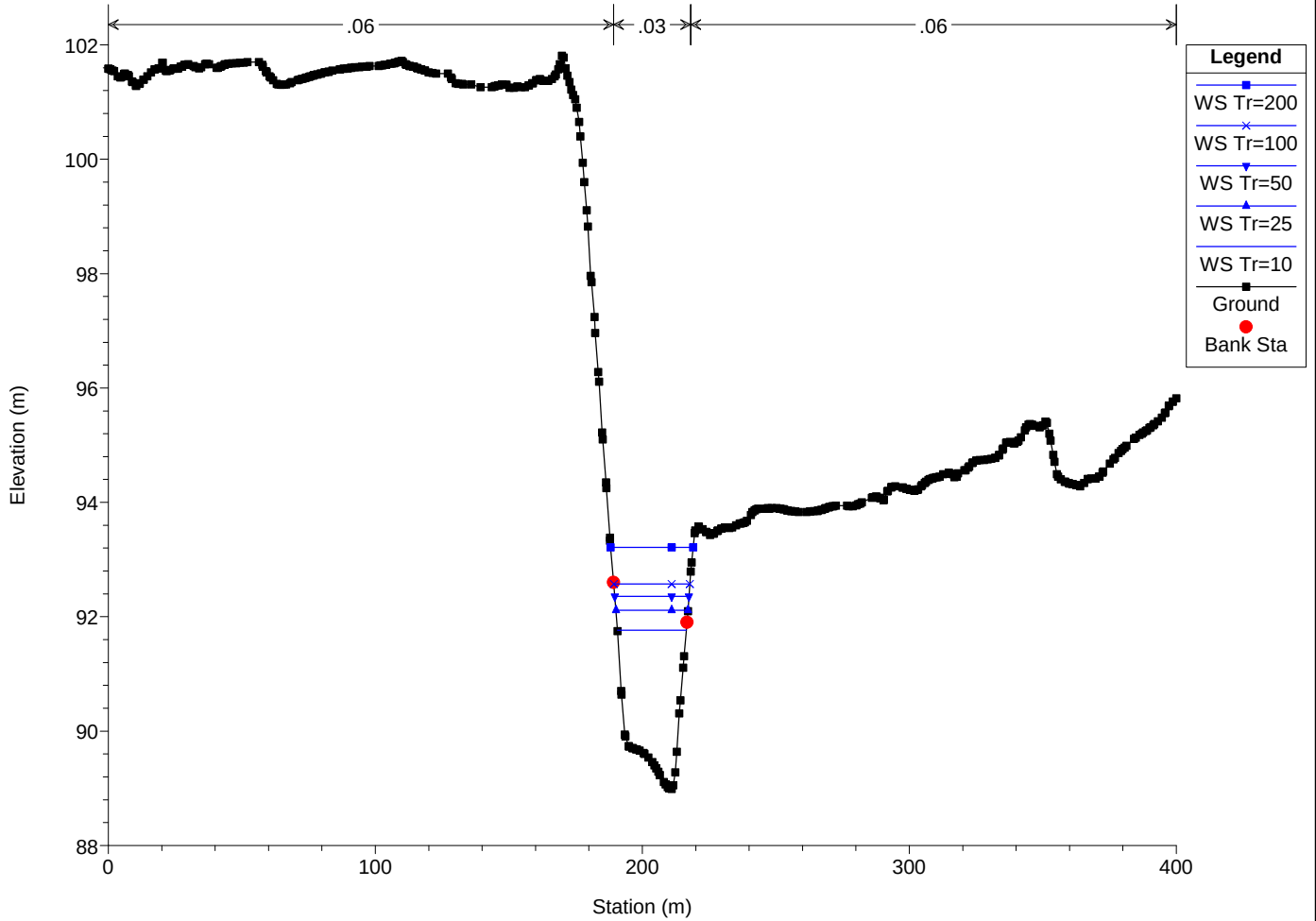
Cormor Udine Plan: Plan 02 10/7/2010
RS = 370 SEZ 64 (Pr 4250.00 m)



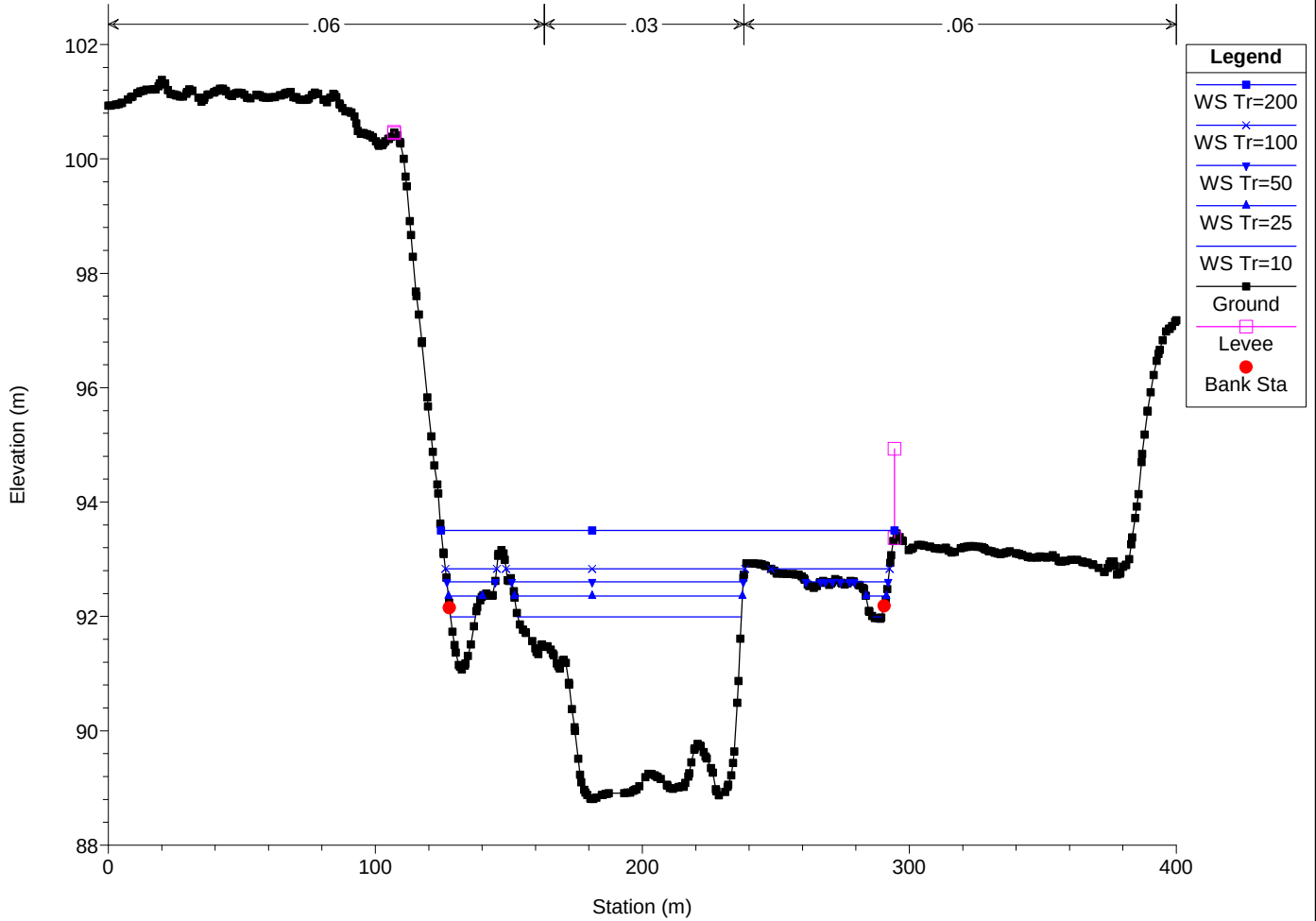
Cormor Udine Plan: Plan 02 10/7/2010
RS = 360 SEZ 65 (Pr 4350.00 m)



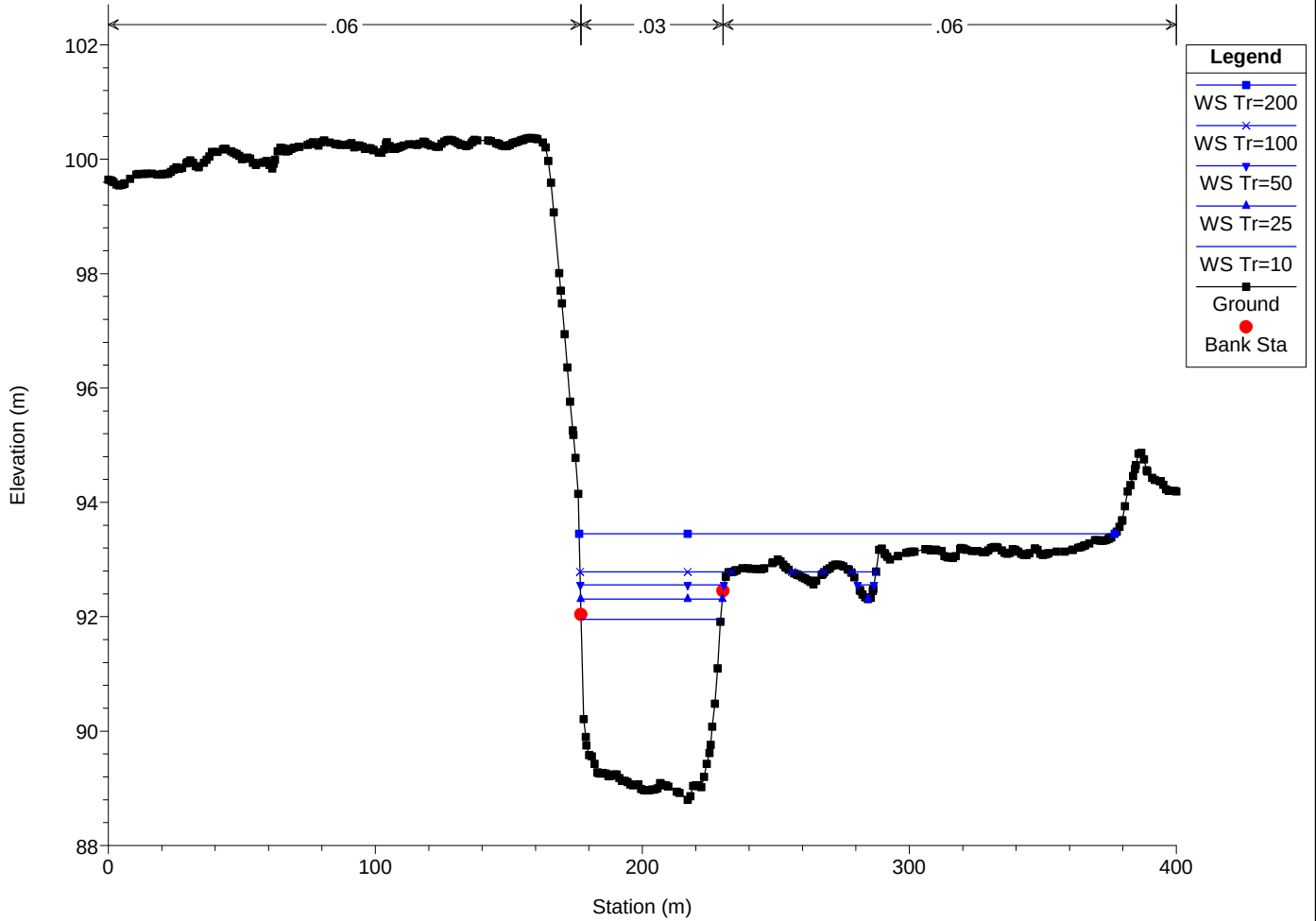
Cormor Udine Plan: Plan 02 10/7/2010
RS = 350 SEZ 66 (Pr 4500.00 m)



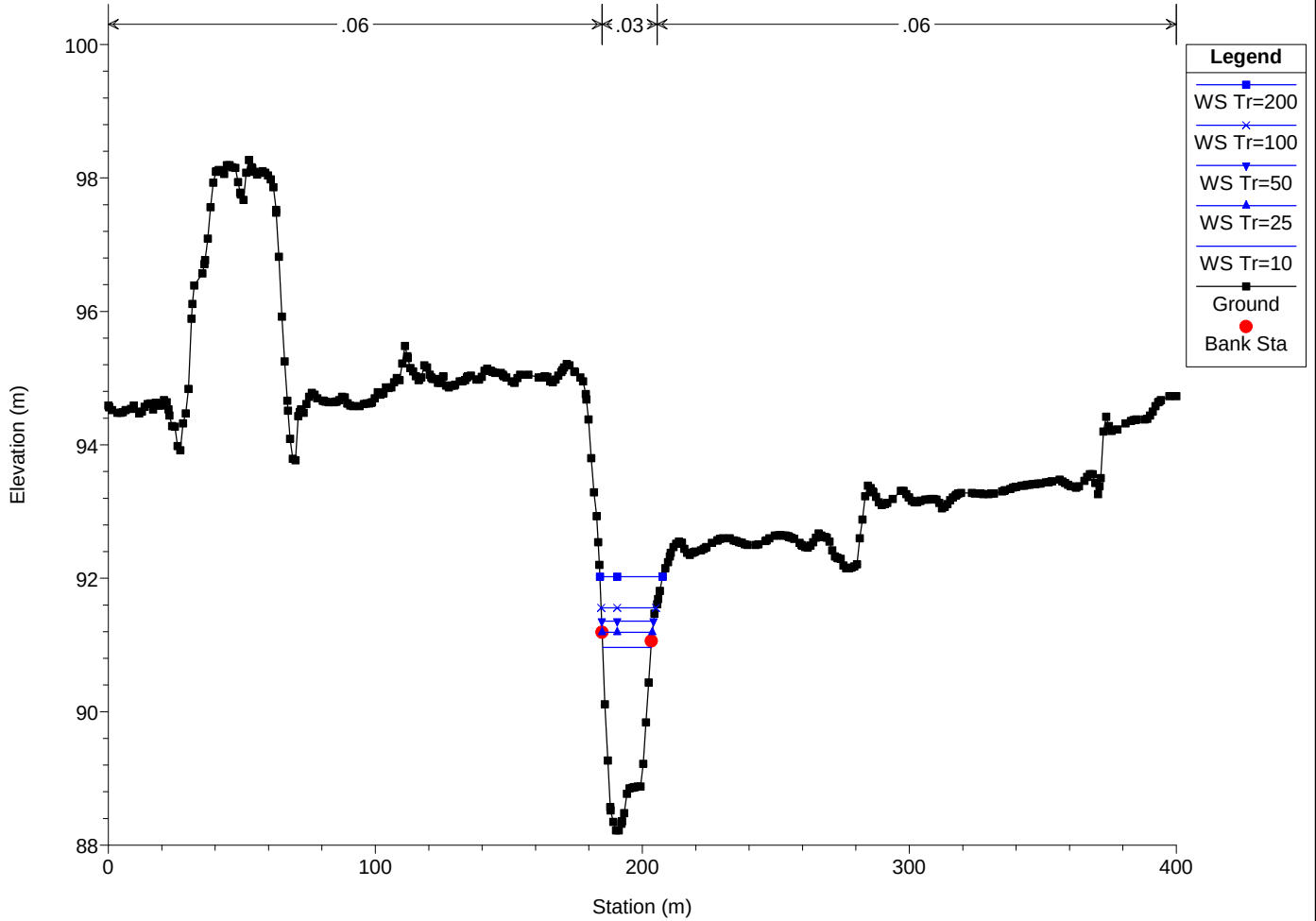
Cormor Udine Plan: Plan 02 10/7/2010
RS = 340 SEZ 67 (Pr 4600.00 m)



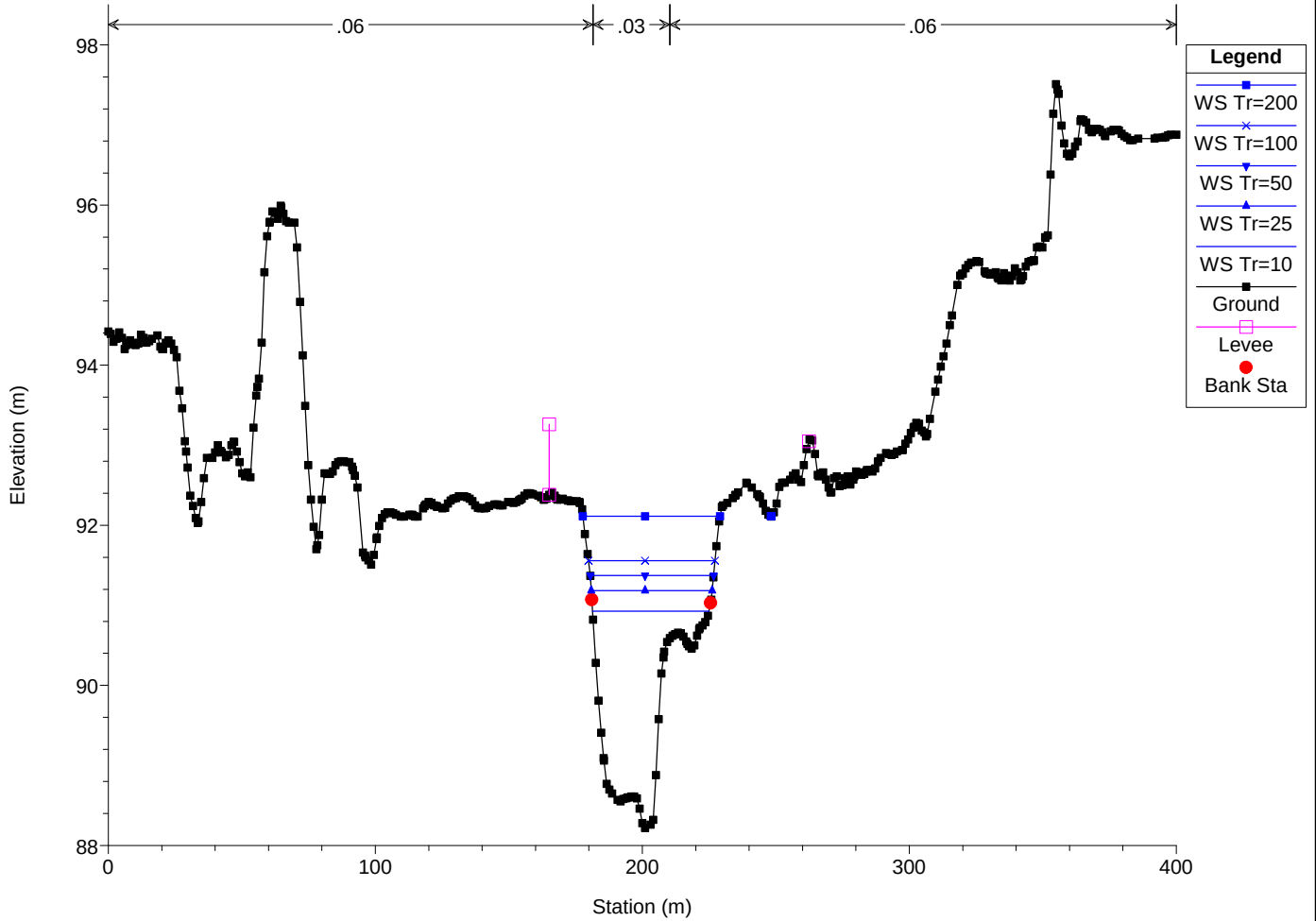
Cormor Udine Plan: Plan 02 10/7/2010
RS = 330 SEZ 68 (Pr 4650.00 m)



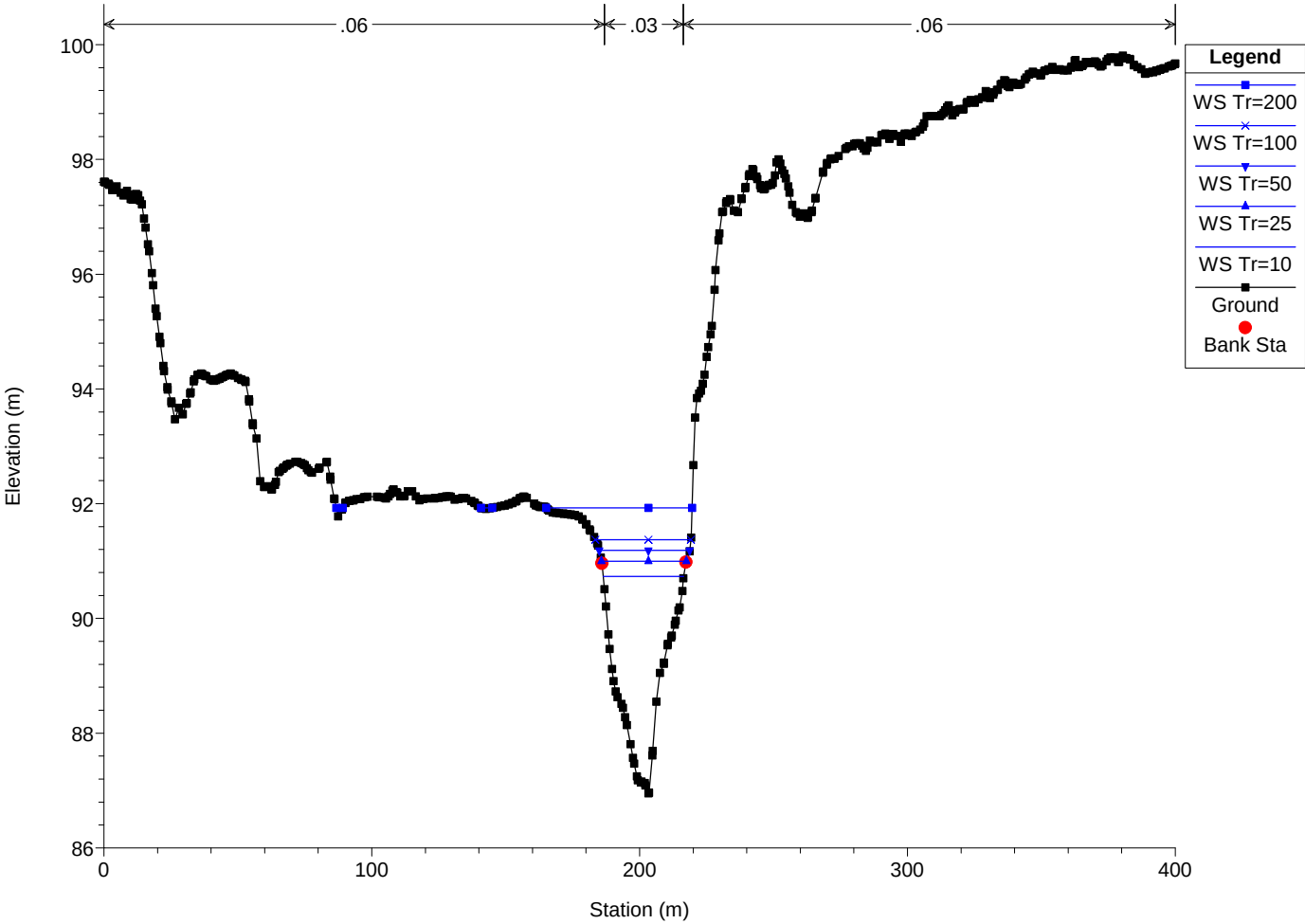
Cormor Udine Plan: Plan 02 10/7/2010
RS = 320 SEZ 69 (Pr 4700.00 m)



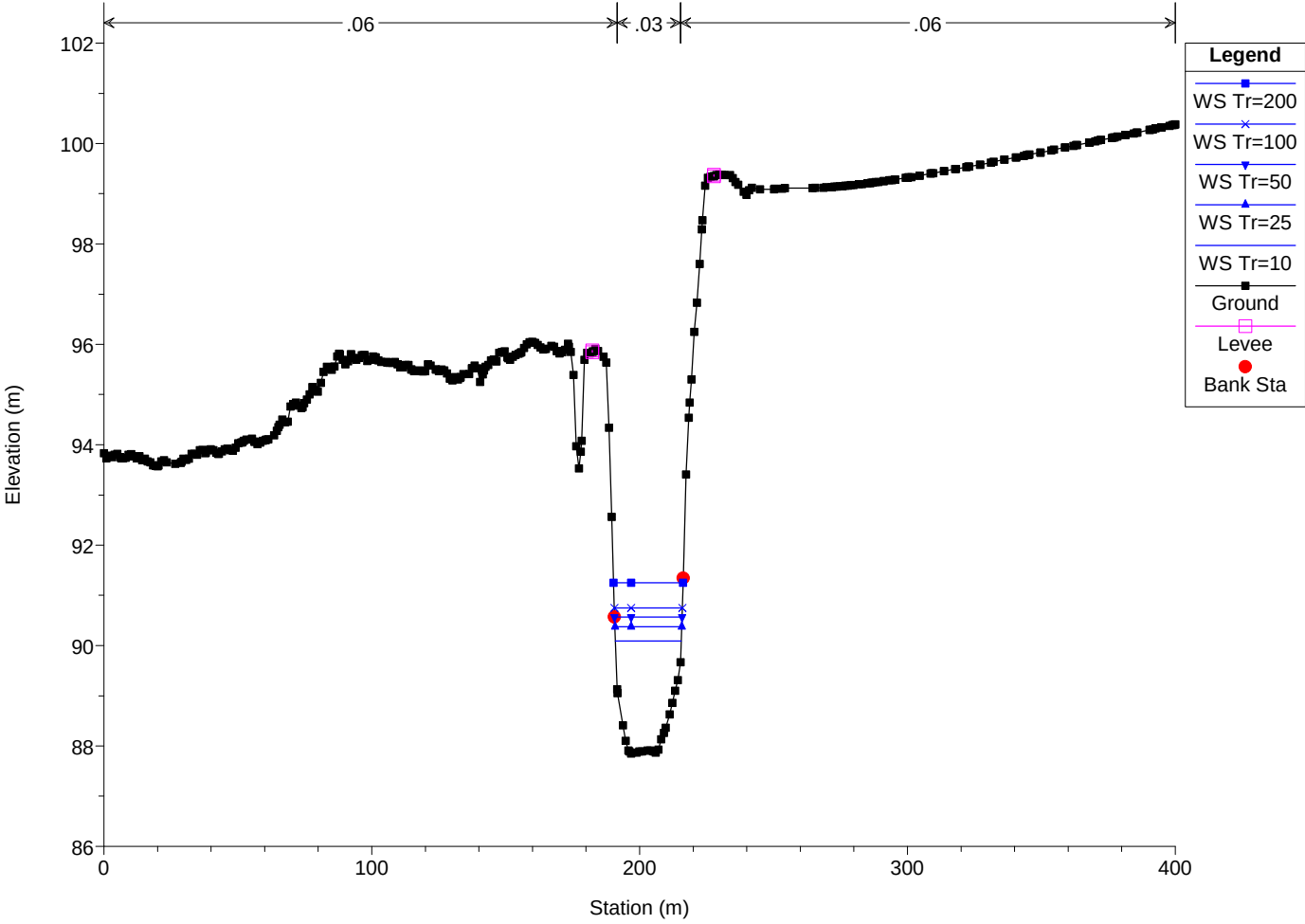
Cormor Udine Plan: Plan 02 10/7/2010
RS = 310 SEZ 70 (Pr 4800.00 m)



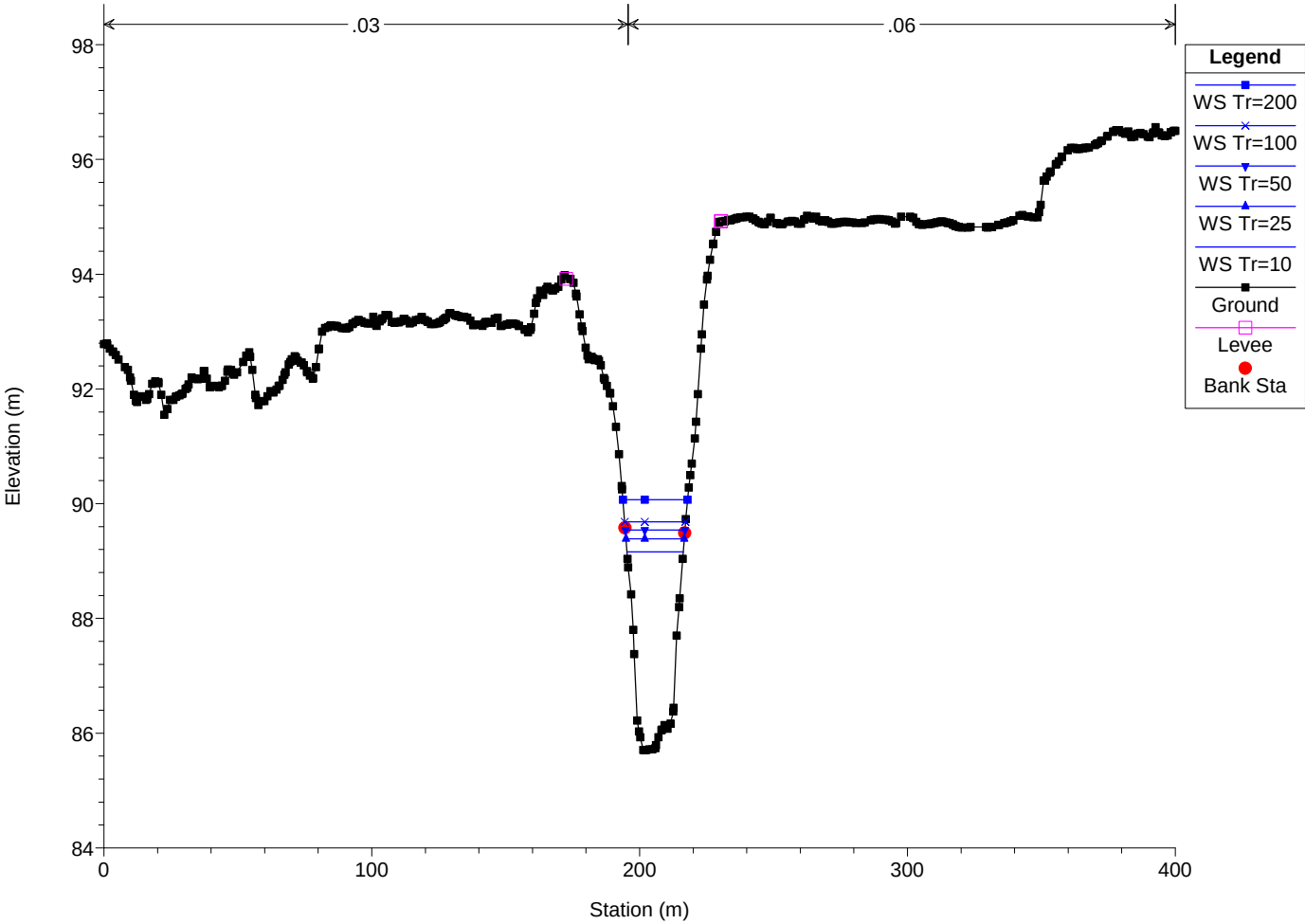
Cormor Udine Plan: Plan 02 10/7/2010
RS = 300 SEZ 71 (Pr 4900.00 m)



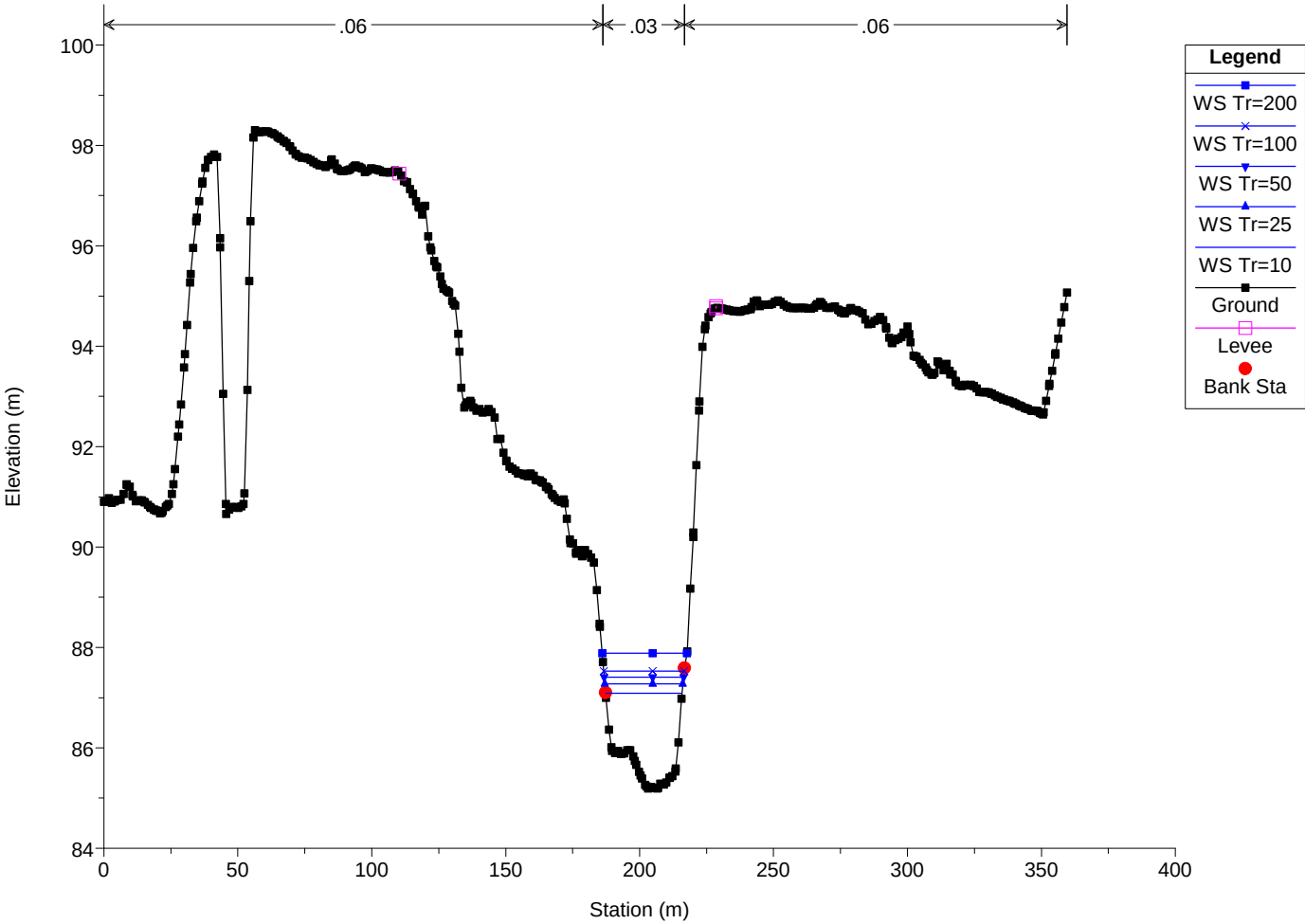
Cormor Udine Plan: Plan 02 10/7/2010
RS = 290 SEZ 72 (Pr 5000.00 m)



Cormor Udine Plan: Plan 02 10/7/2010
RS = 260 SEZ 75 (Pr 5400.00 m)

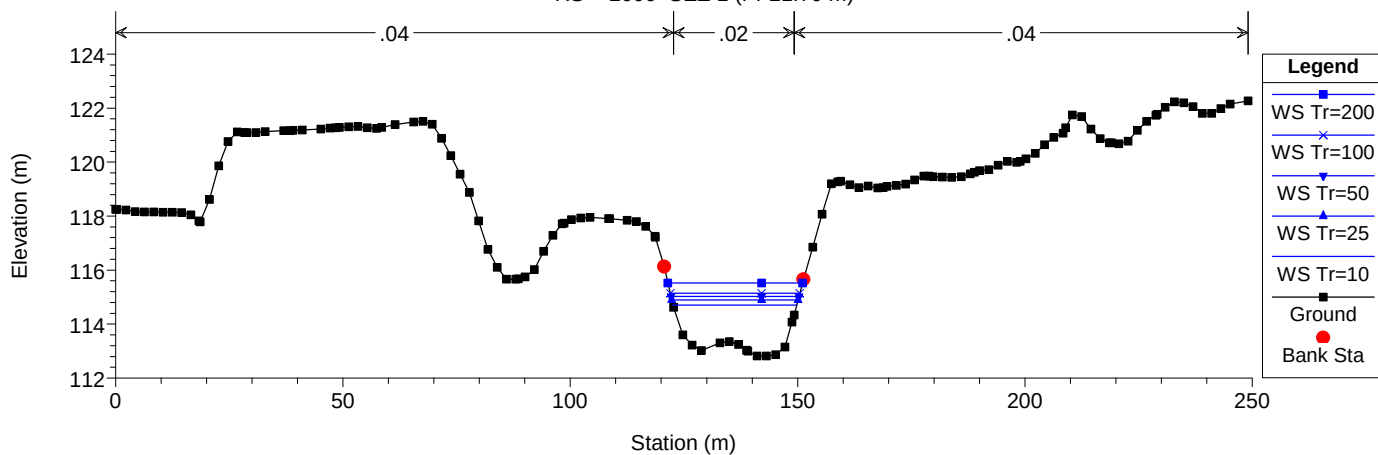


Cormor Udine Plan: Plan 02 10/7/2010
RS = 250 SEZ 76 (Pr 5600.00 m)



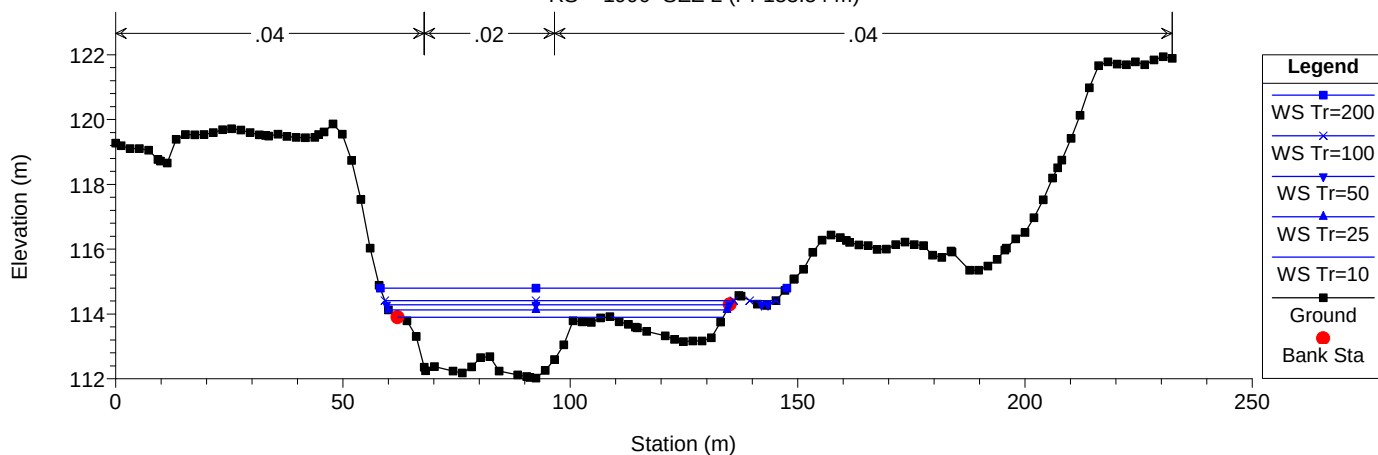
Cormor Udine Plan: Plan 02 10/7/2010

RS = 2000 SEZ 1 (Pr 21.70 m)



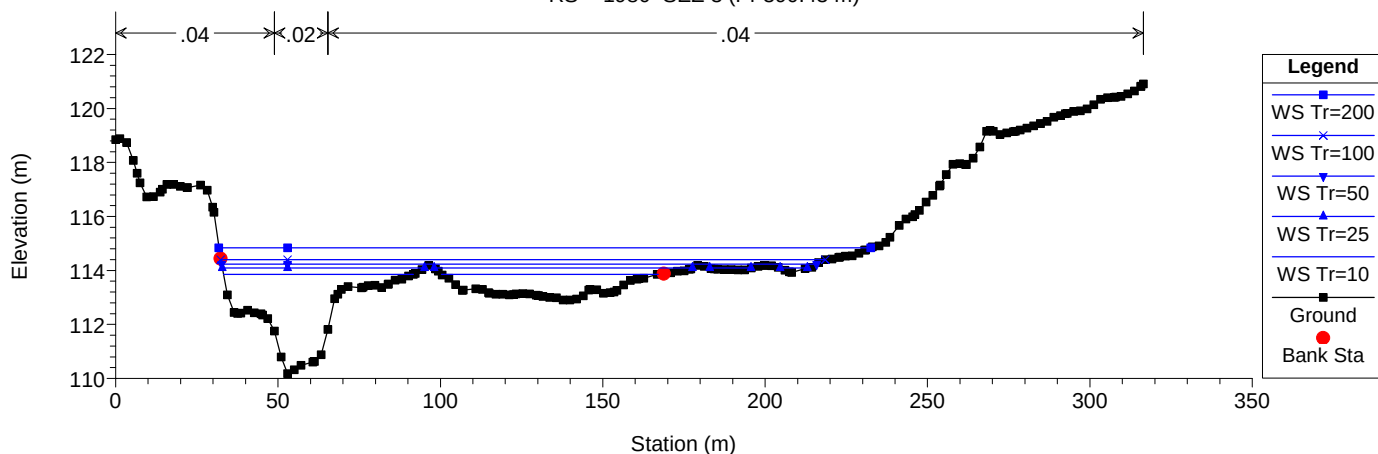
Cormor Udine Plan: Plan 02 10/7/2010

RS = 1990 SEZ 2 (Pr 153.54 m)



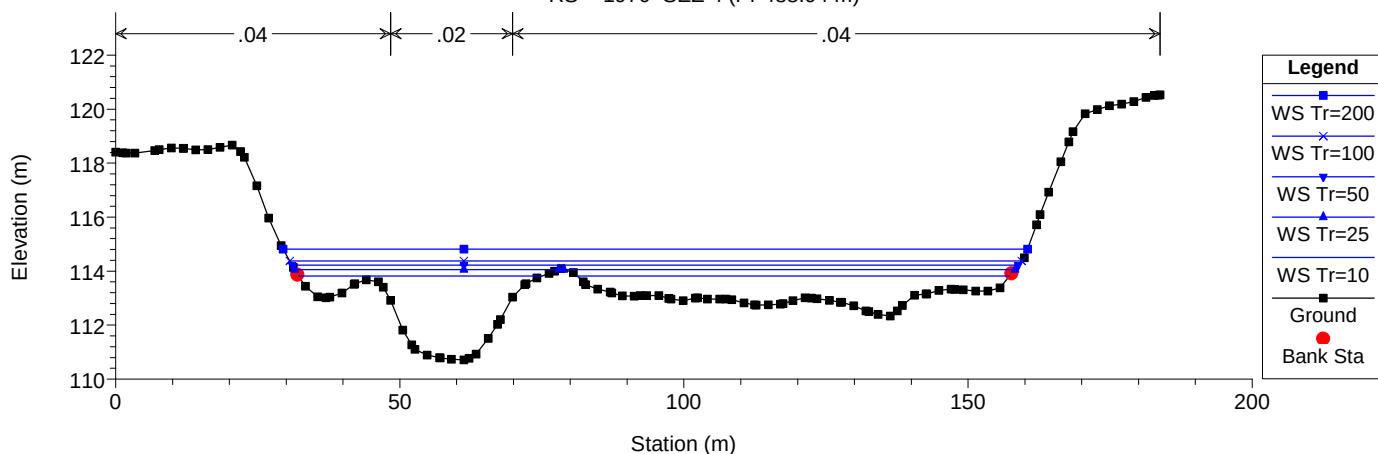
Cormor Udine Plan: Plan 02 10/7/2010

RS = 1980 SEZ 3 (Pr 390.43 m)

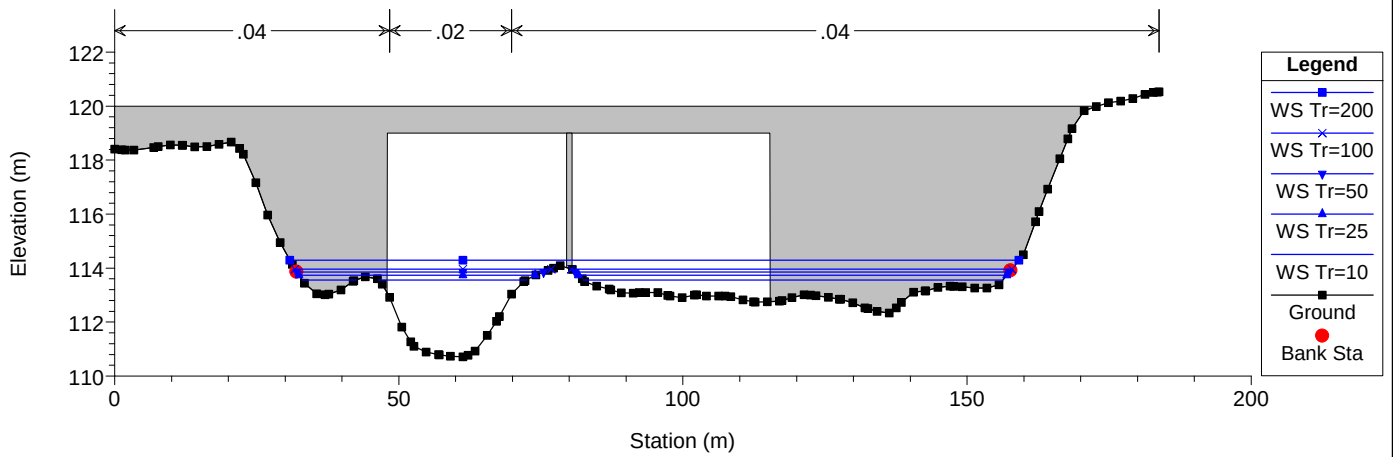


Cormor Udine Plan: Plan 02 10/7/2010

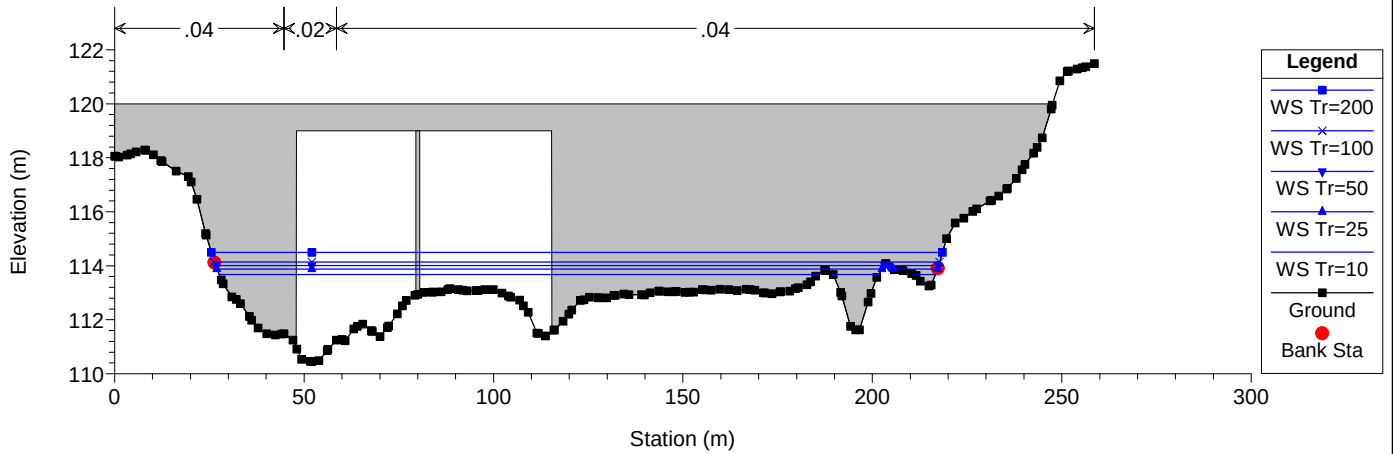
RS = 1970 SEZ 4 (Pr 488.94 m)



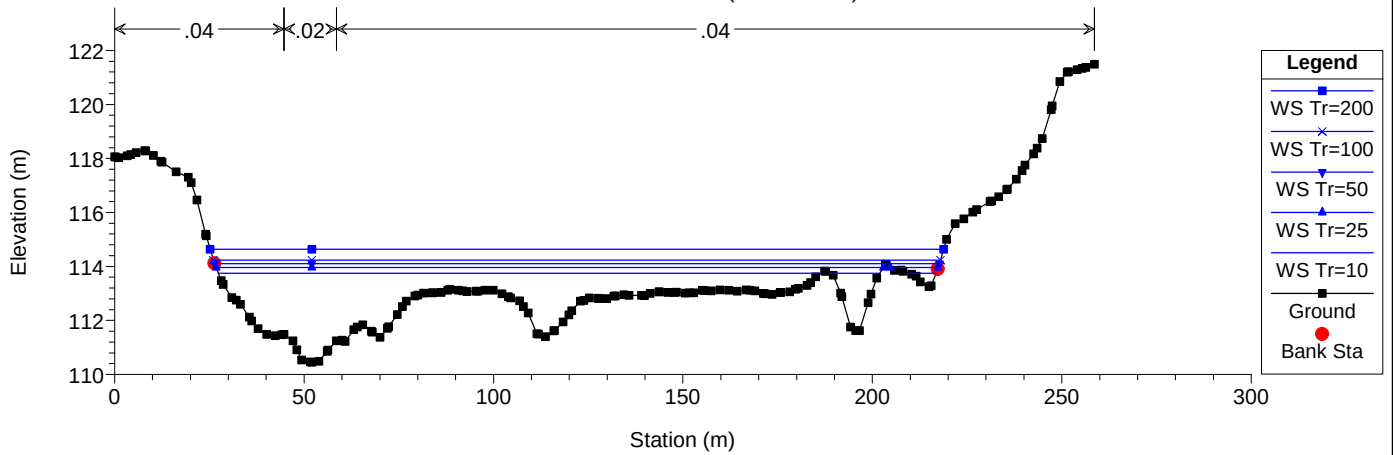
Cormor Udine Plan: Plan 02 10/7/2010
RS = 1965 BR Ponte canale Fiera



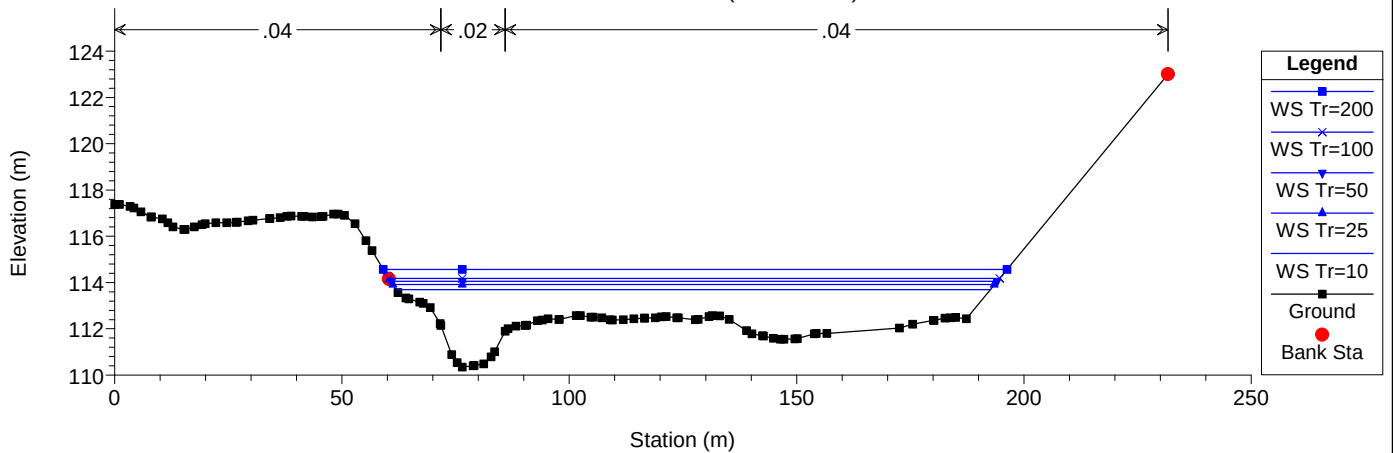
Cormor Udine Plan: Plan 02 10/7/2010
RS = 1965 BR Ponte canale Fiera



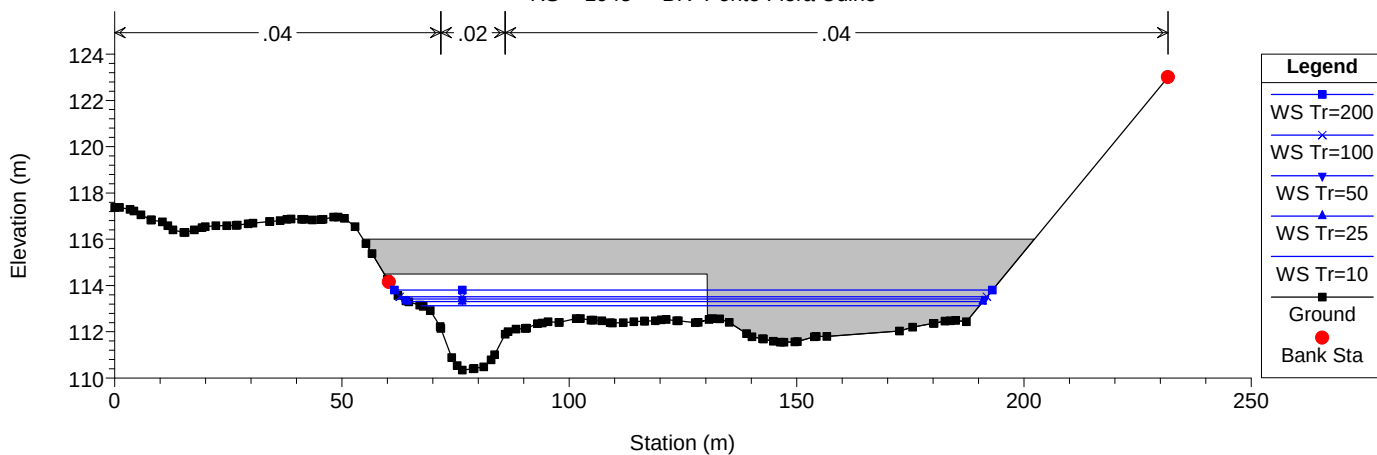
Cormor Udine Plan: Plan 02 10/7/2010
RS = 1960 SEZ 5 (Pr 586.35 m)



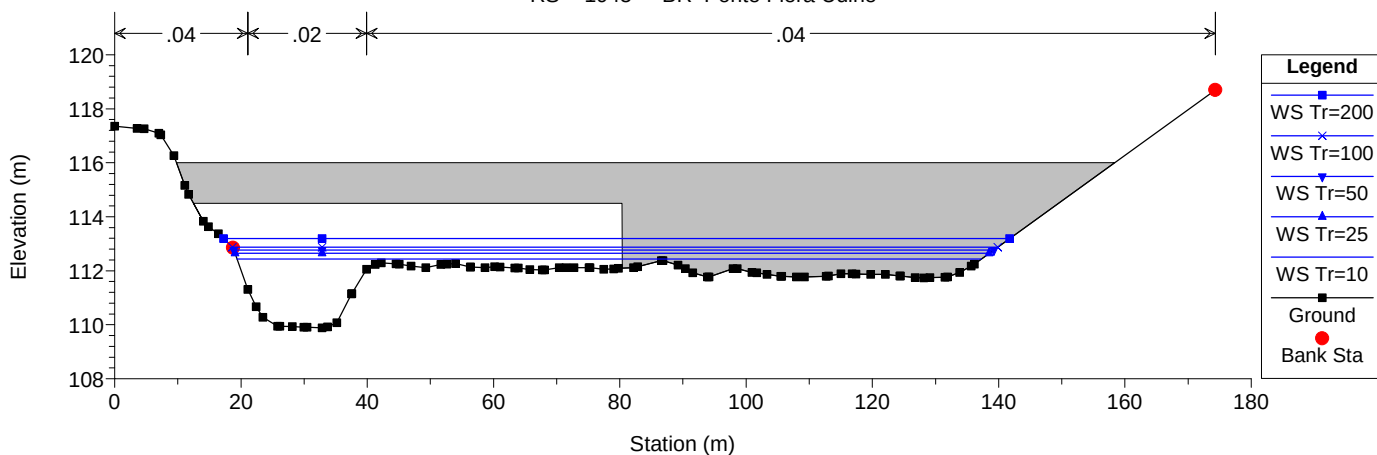
Cormor Udine Plan: Plan 02 10/7/2010
RS = 1950 SEZ 6 (Pr 784.92 m)



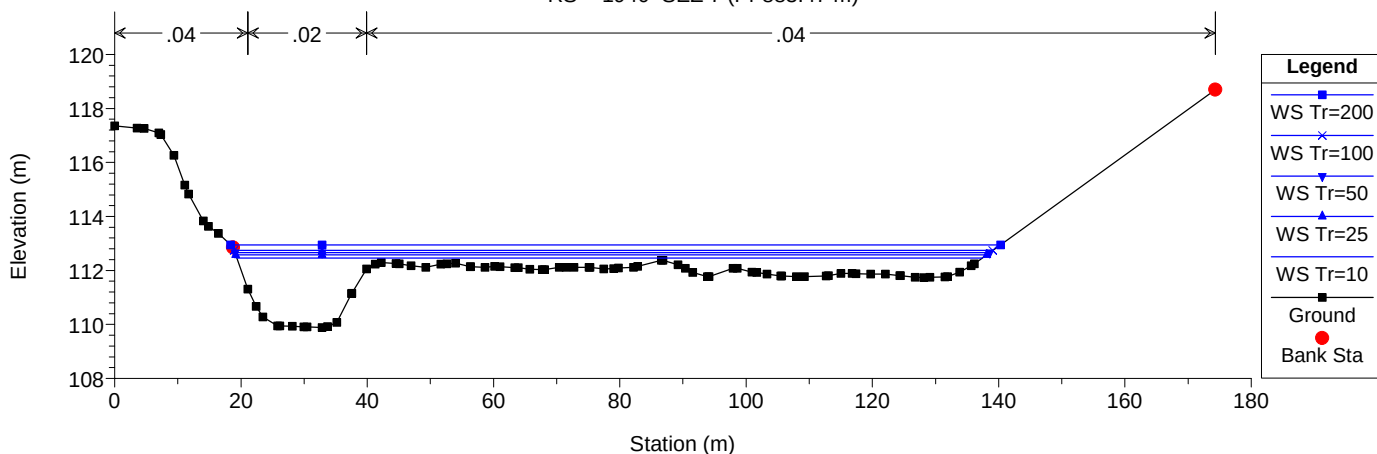
Cormor Udine Plan: Plan 02 10/7/2010
RS = 1945 BR Ponte Fiera Udine



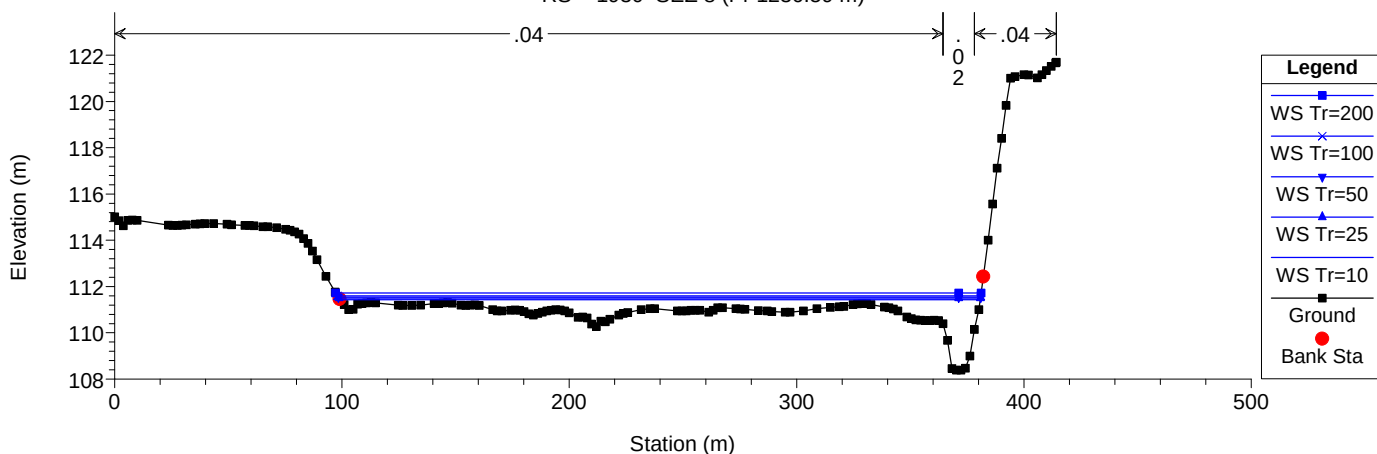
Cormor Udine Plan: Plan 02 10/7/2010
RS = 1945 BR Ponte Fiera Udine



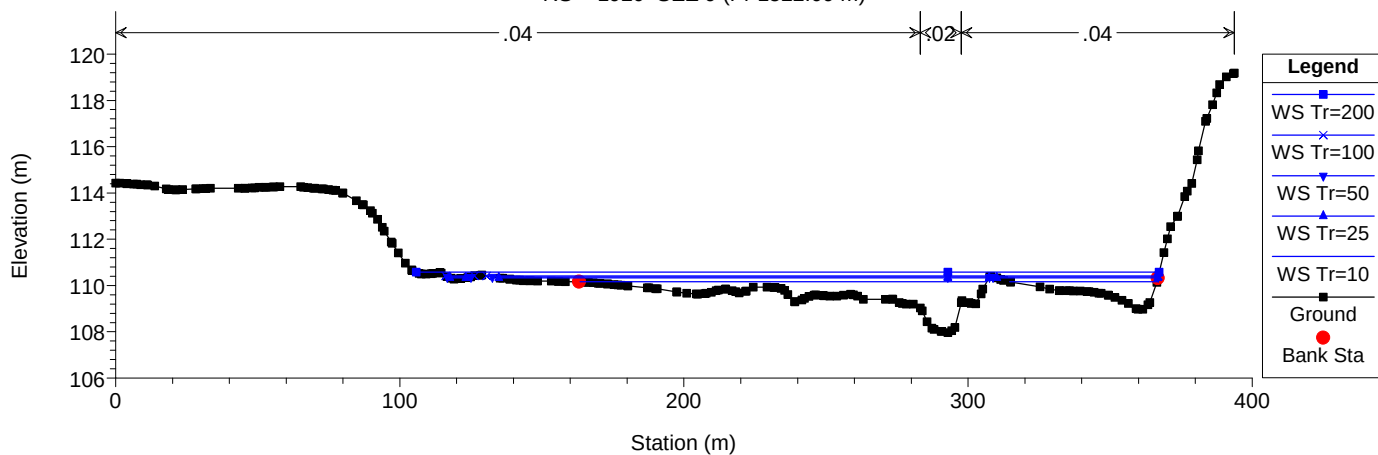
Cormor Udine Plan: Plan 02 10/7/2010
RS = 1940 SEZ 7 (Pr 883.47 m)



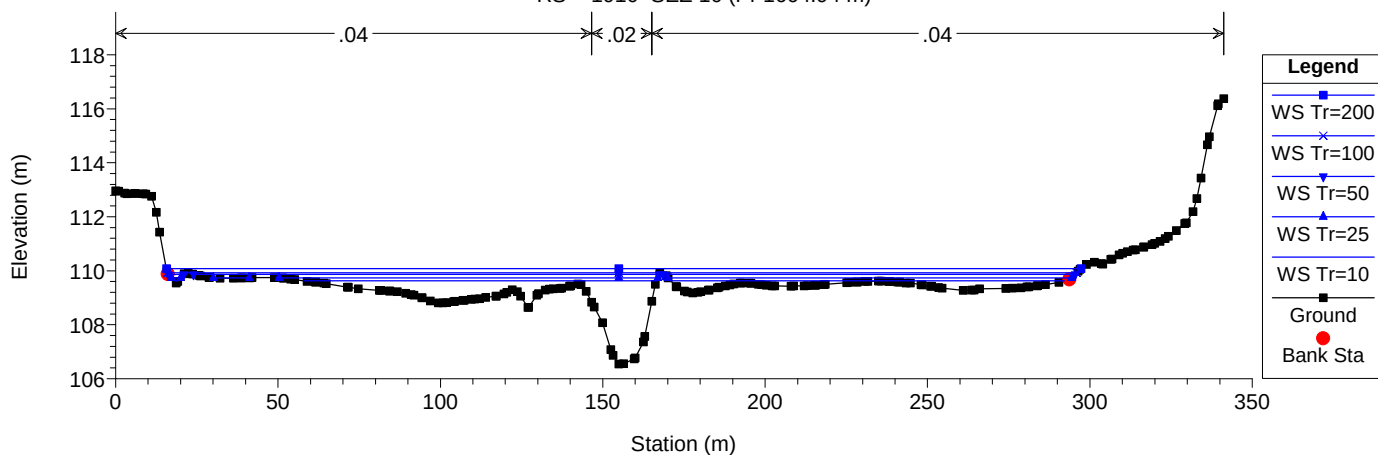
Cormor Udine Plan: Plan 02 10/7/2010
RS = 1930 SEZ 8 (Pr 1236.59 m)



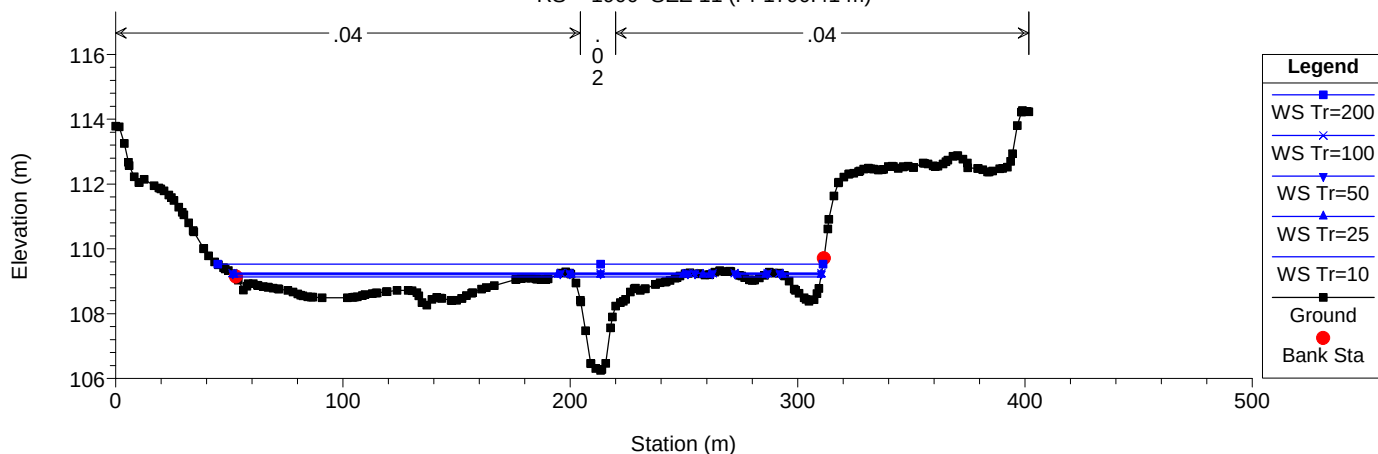
Cormor Udine Plan: Plan 02 10/7/2010
RS = 1920 SEZ 9 (Pr 1522.09 m)



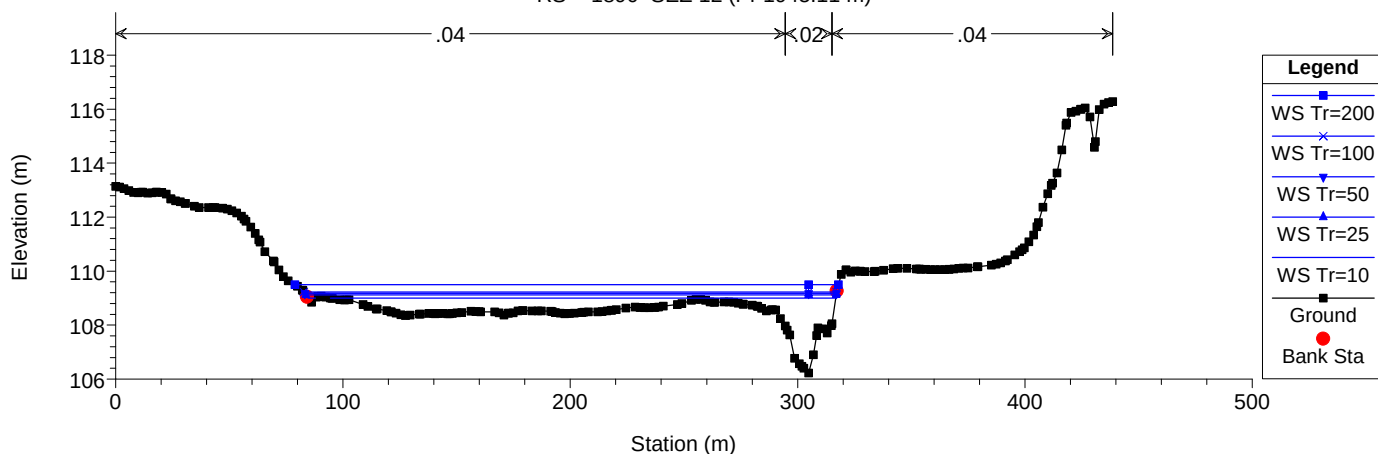
Cormor Udine Plan: Plan 02 10/7/2010
RS = 1910 SEZ 10 (Pr 1664.94 m)



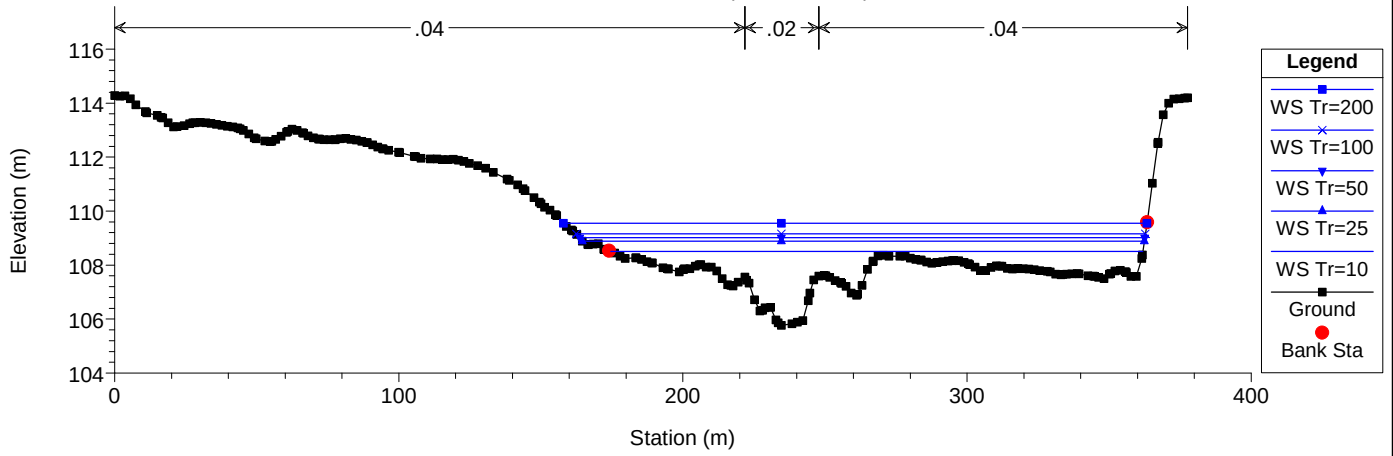
Cormor Udine Plan: Plan 02 10/7/2010
RS = 1900 SEZ 11 (Pr 1790.41 m)



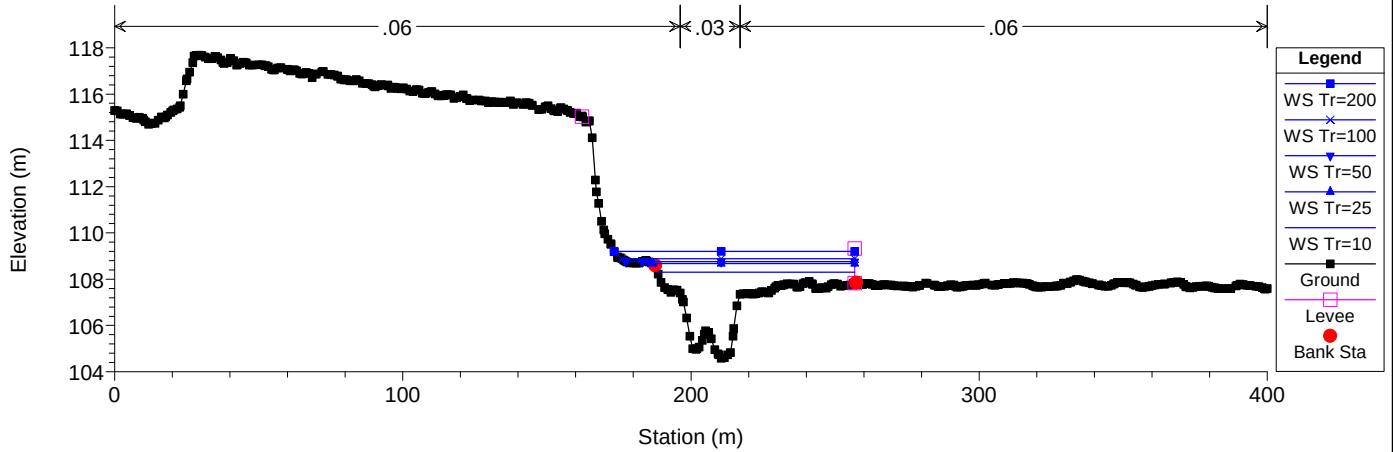
Cormor Udine Plan: Plan 02 10/7/2010
RS = 1890 SEZ 12 (Pr 1945.11 m)



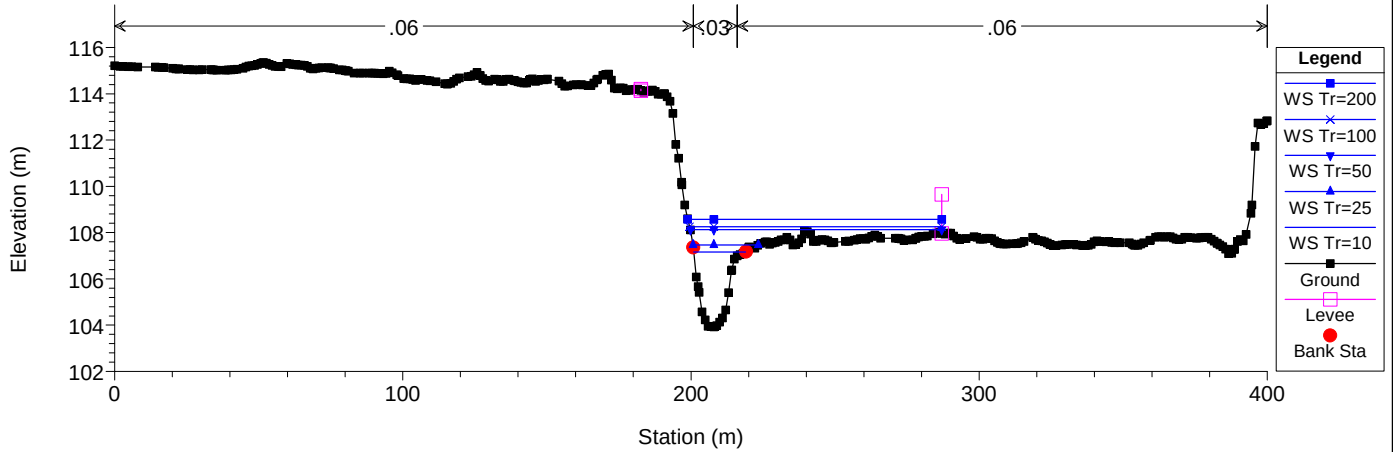
Cormor Udine Plan: Plan 02 10/7/2010
RS = 1880 SEZ 13 (Pr 2128.42 m)



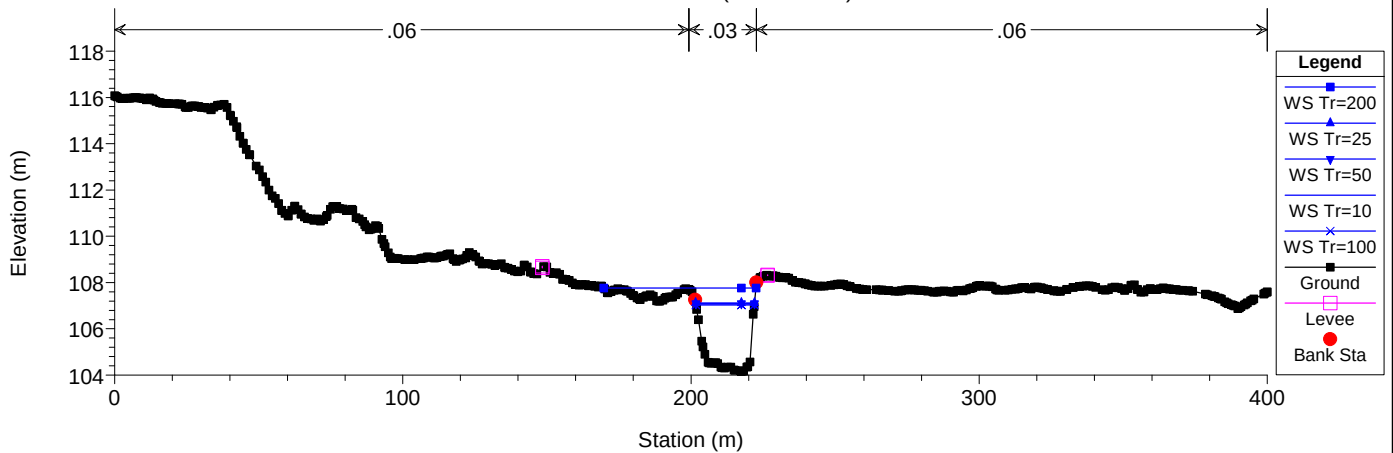
Cormor Udine Plan: Plan 02 10/7/2010
RS = 990 SEZ 2 (Pr 50.00 m)



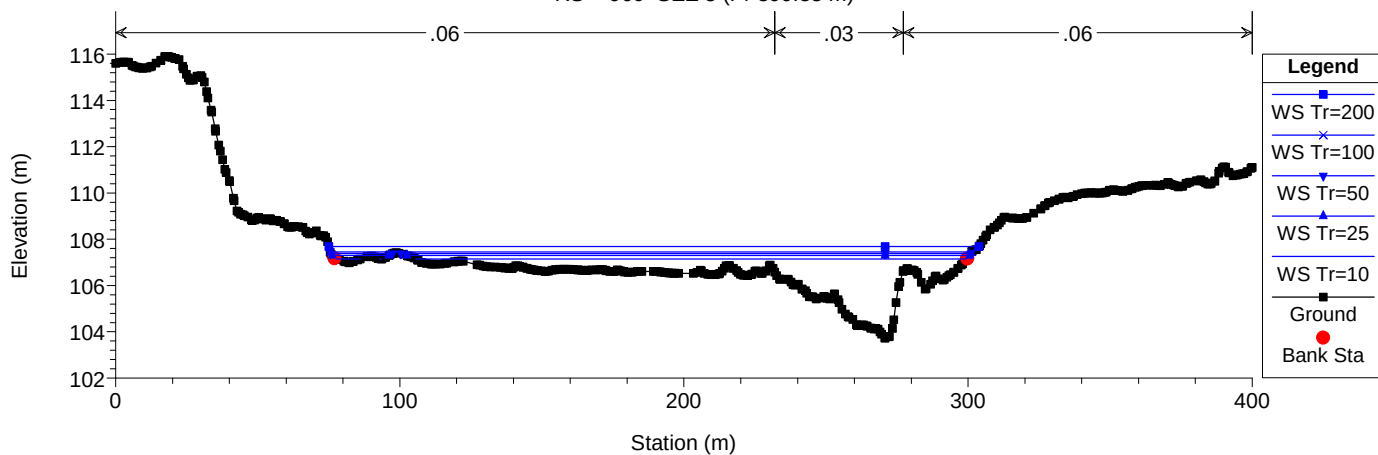
Cormor Udine Plan: Plan 02 10/7/2010
RS = 980 SEZ 3 (Pr 150.00 m)



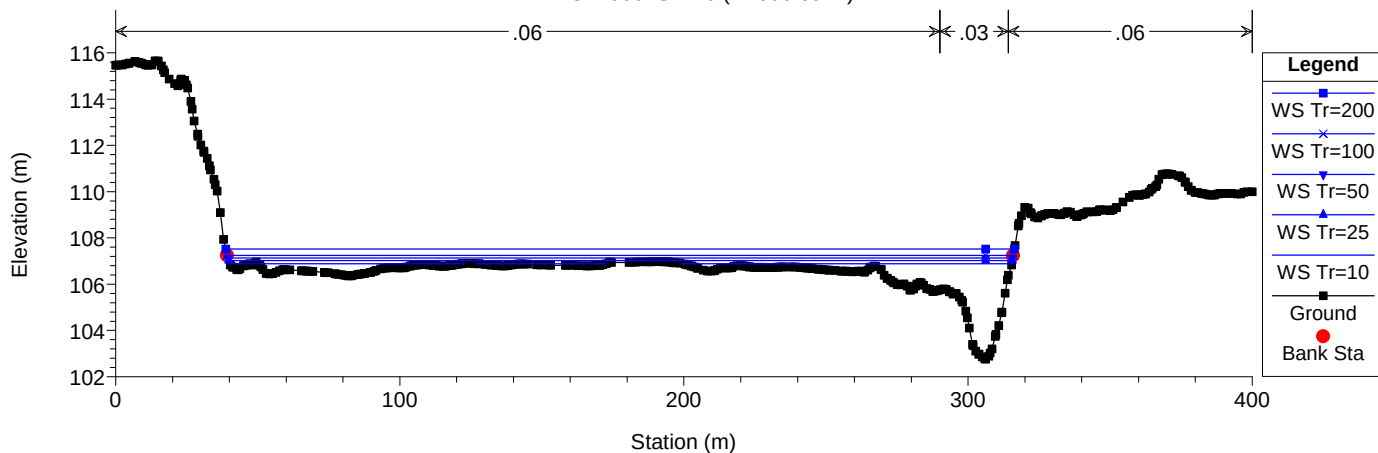
Cormor Udine Plan: Plan 02 10/7/2010
RS = 970 SEZ 4 (Pr 250.00 m)



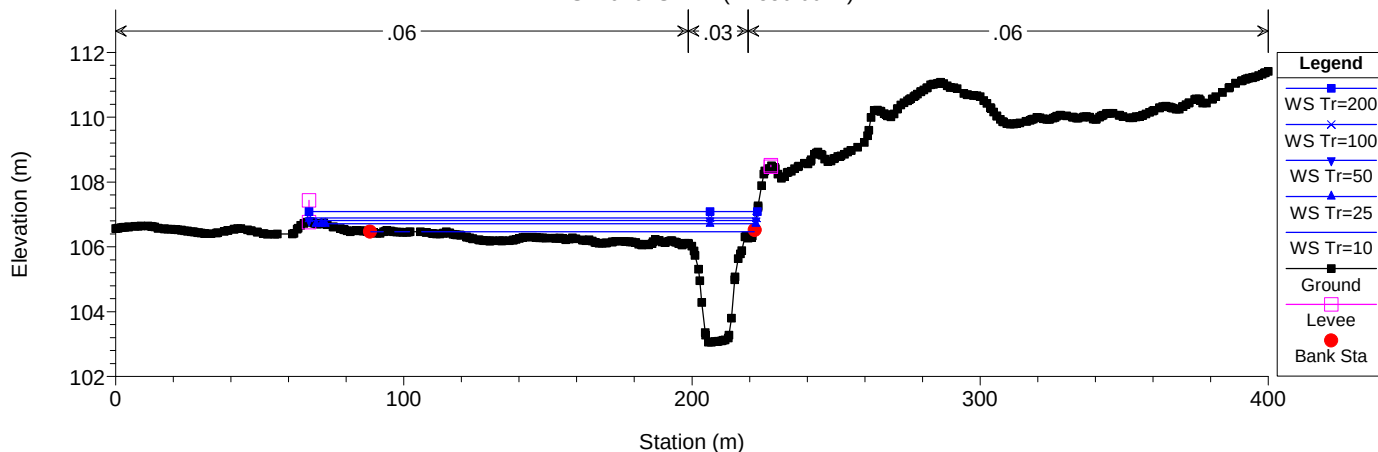
Cormor Udine Plan: Plan 02 10/7/2010
RS = 960 SEZ 5 (Pr 399.88 m)



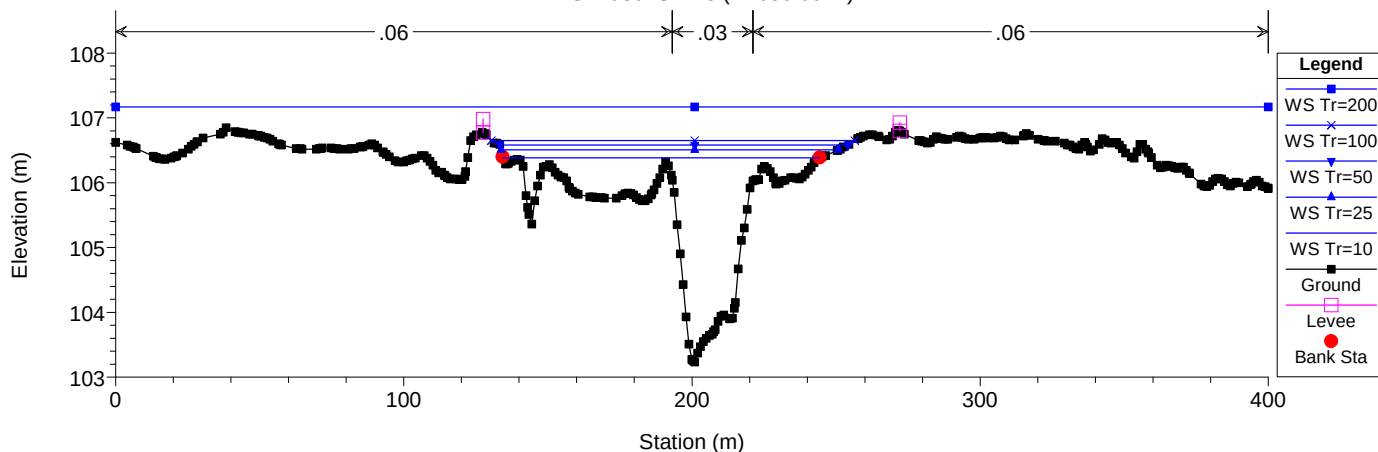
Cormor Udine Plan: Plan 02 10/7/2010
RS = 950 SEZ 6 (Pr 500.89 m)



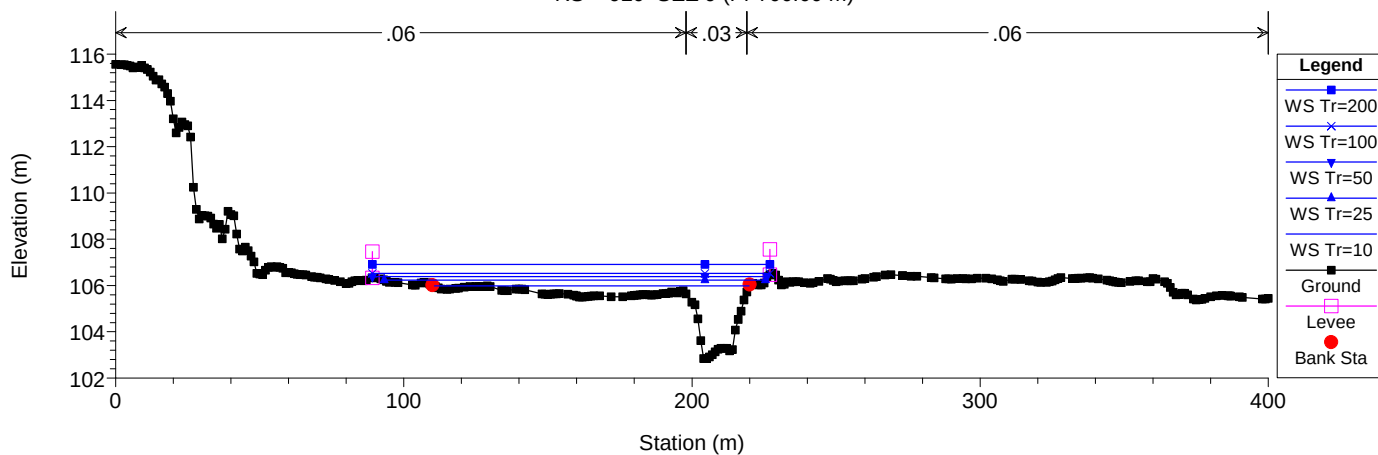
Cormor Udine Plan: Plan 02 10/7/2010
RS = 940 SEZ 7 (Pr 550.00 m)



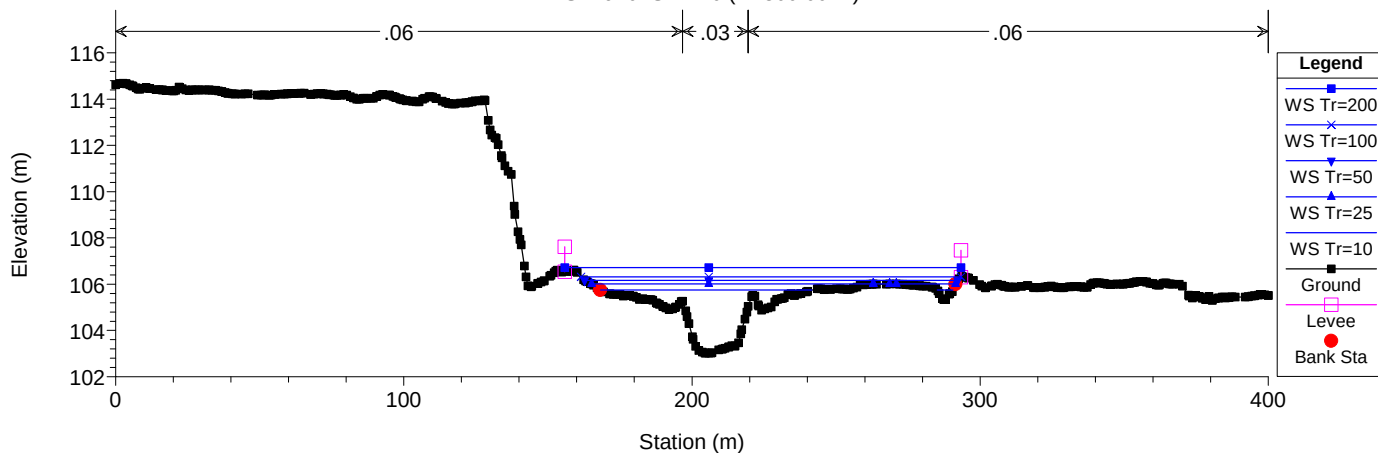
Cormor Udine Plan: Plan 02 10/7/2010
RS = 930 SEZ 8 (Pr 650.00 m)



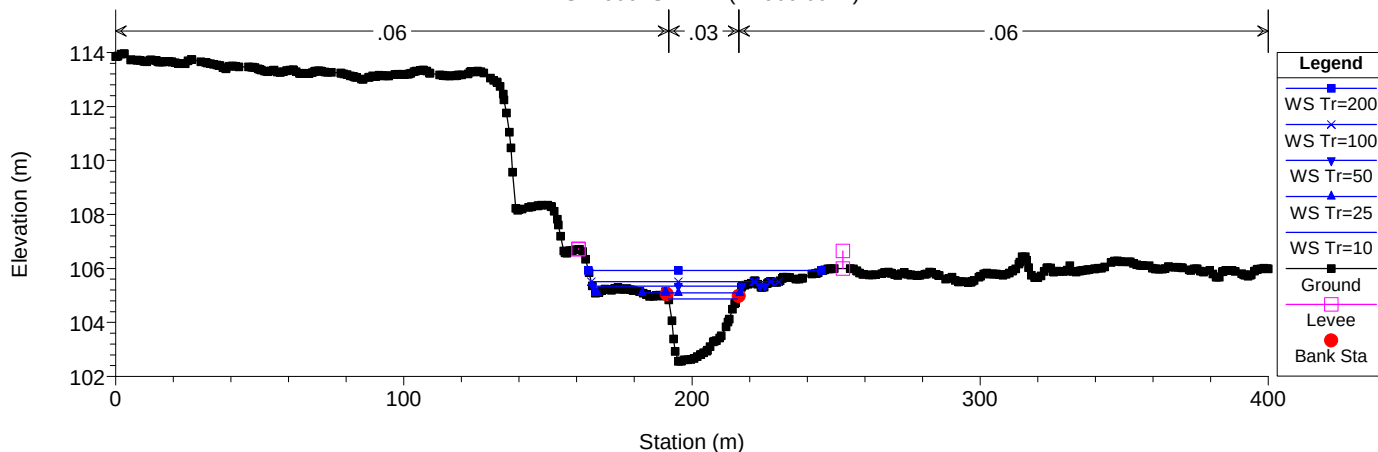
Cormor Udine Plan: Plan 02 10/7/2010
RS = 920 SEZ 9 (Pr 700.00 m)



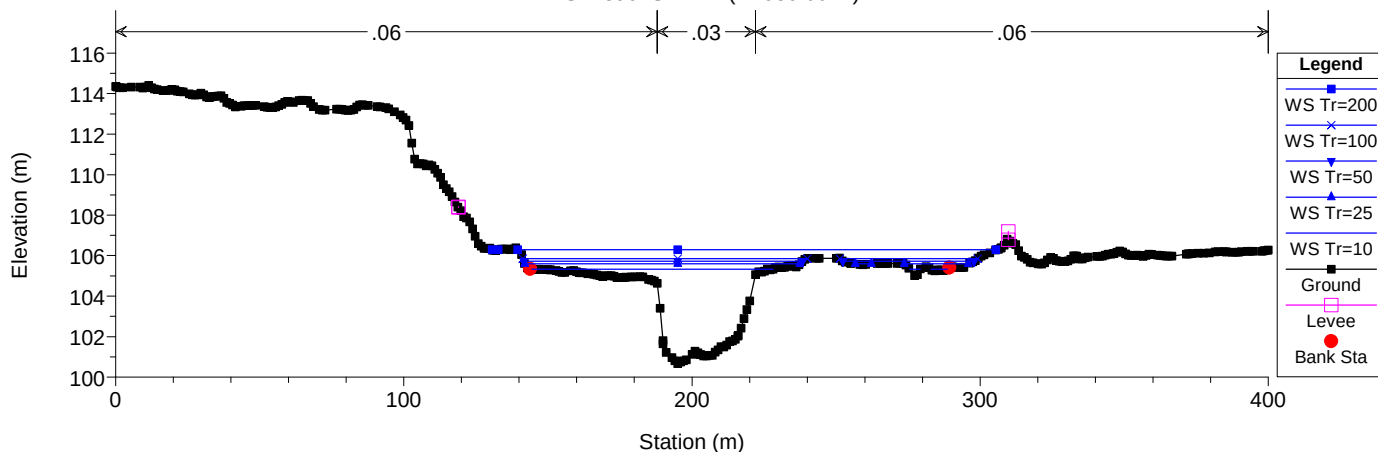
Cormor Udine Plan: Plan 02 10/7/2010
RS = 910 SEZ 10 (Pr 800.00 m)



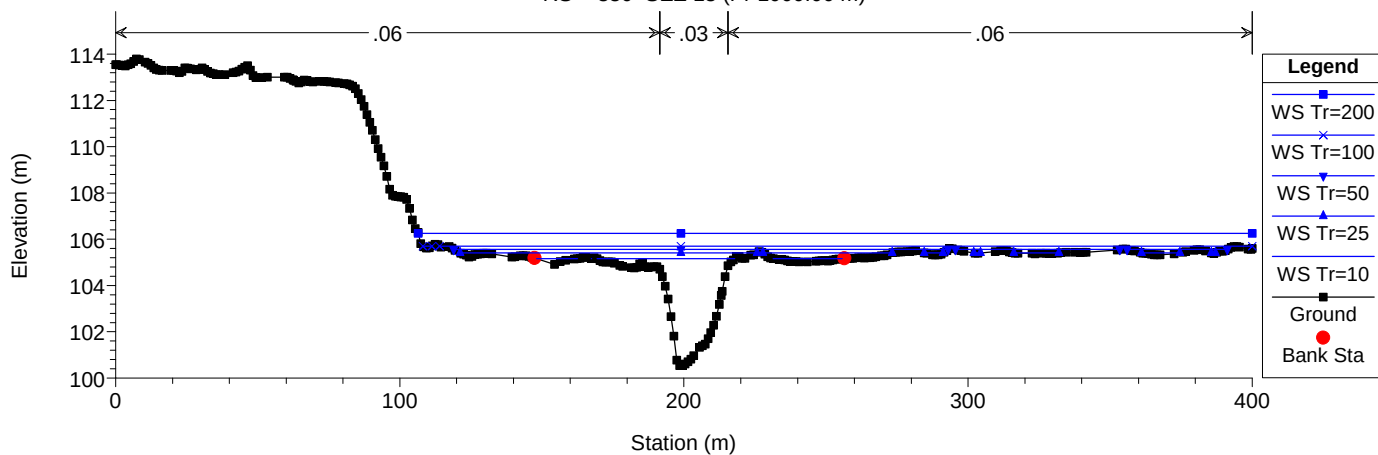
Cormor Udine Plan: Plan 02 10/7/2010
RS = 900 SEZ 11 (Pr 900.00 m)



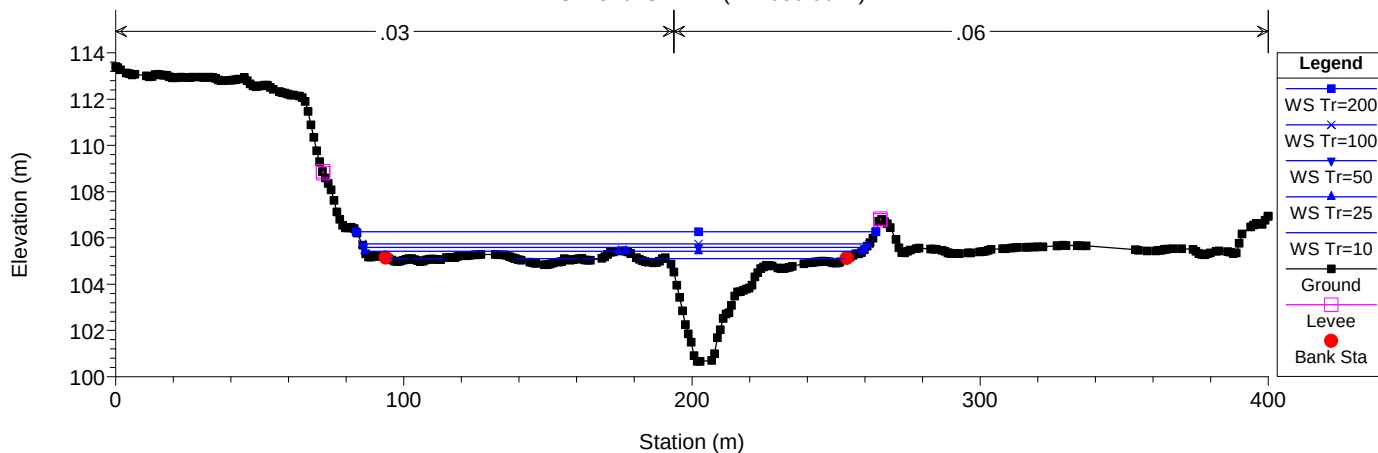
Cormor Udine Plan: Plan 02 10/7/2010
RS = 890 SEZ 12 (Pr 950.00 m)



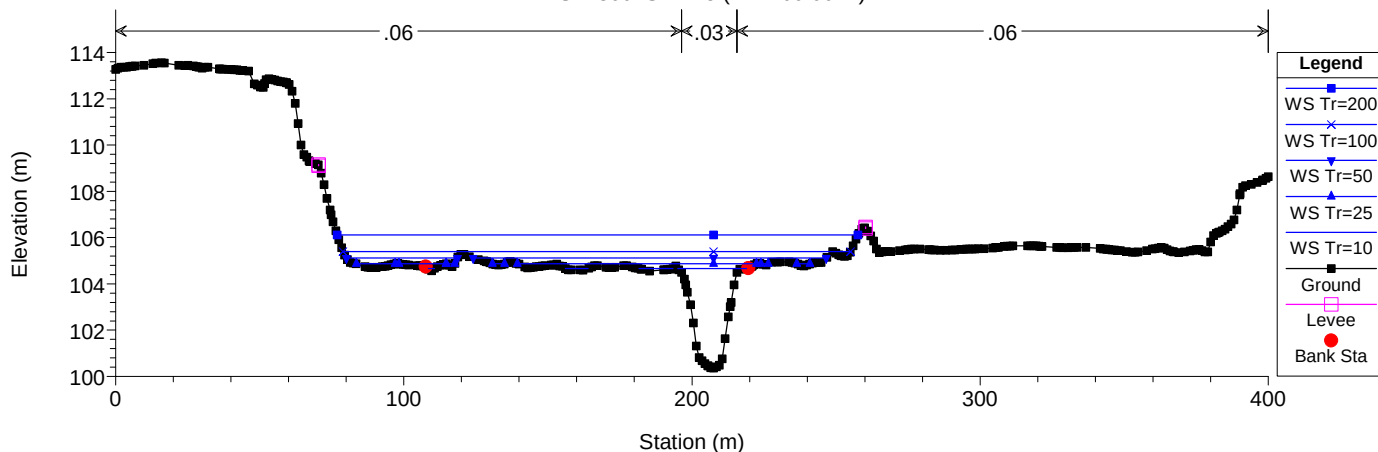
Cormor Udine Plan: Plan 02 10/7/2010
RS = 880 SEZ 13 (Pr 1000.00 m)



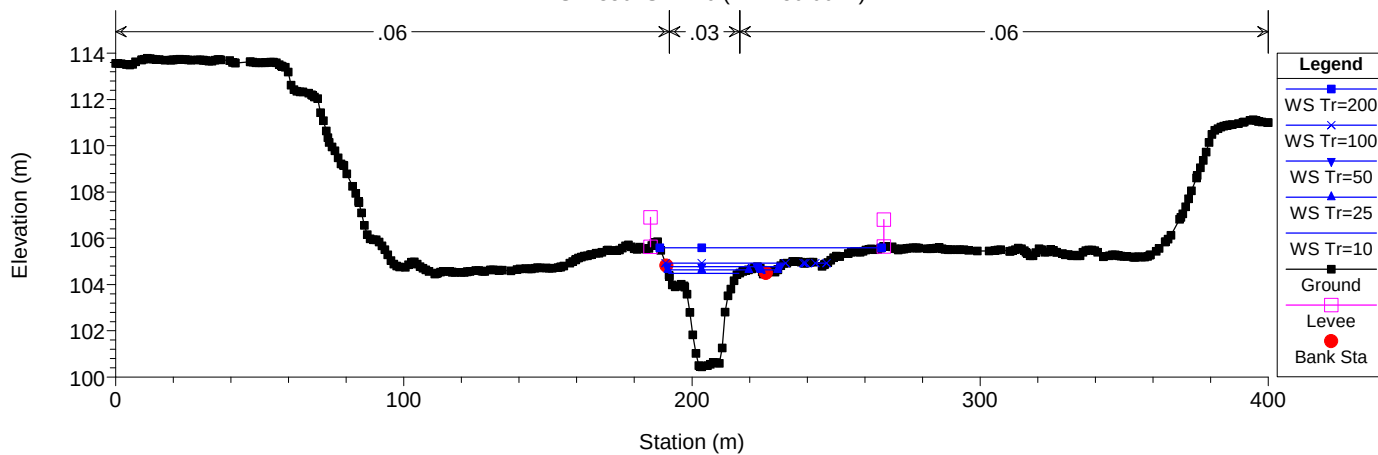
Cormor Udine Plan: Plan 02 10/7/2010
RS = 870 SEZ 14 (Pr 1050.00 m)



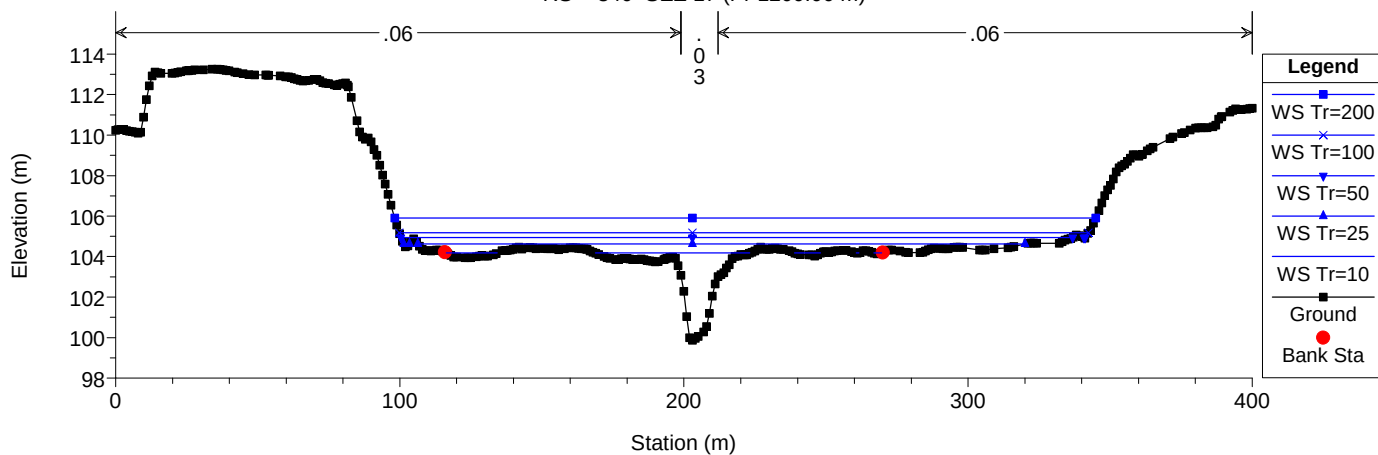
Cormor Udine Plan: Plan 02 10/7/2010
RS = 860 SEZ 15 (Pr 1100.00 m)



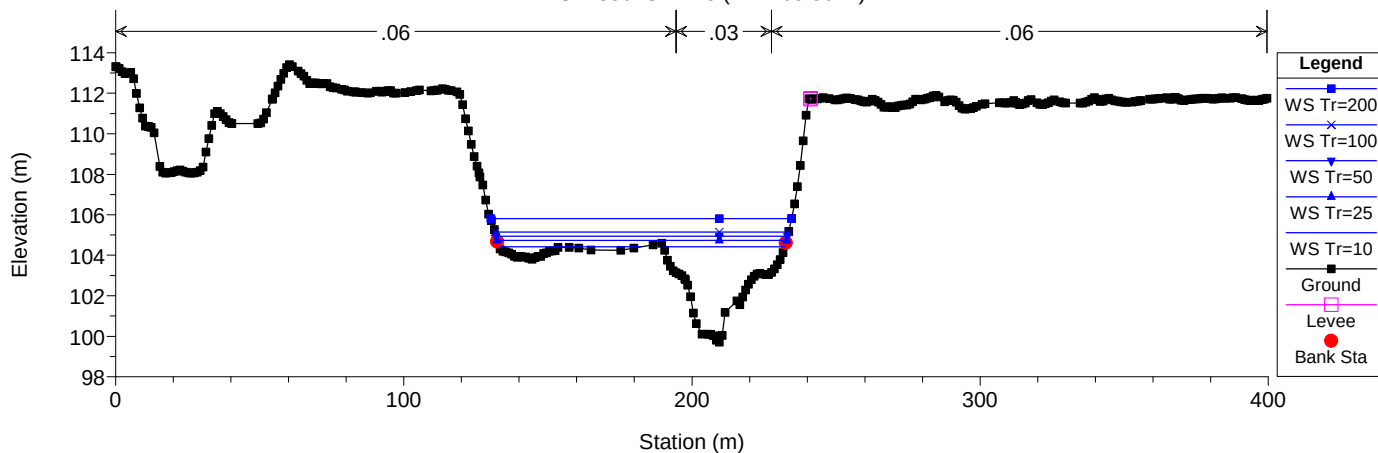
Cormor Udine Plan: Plan 02 10/7/2010
RS = 850 SEZ 16 (Pr 1150.00 m)



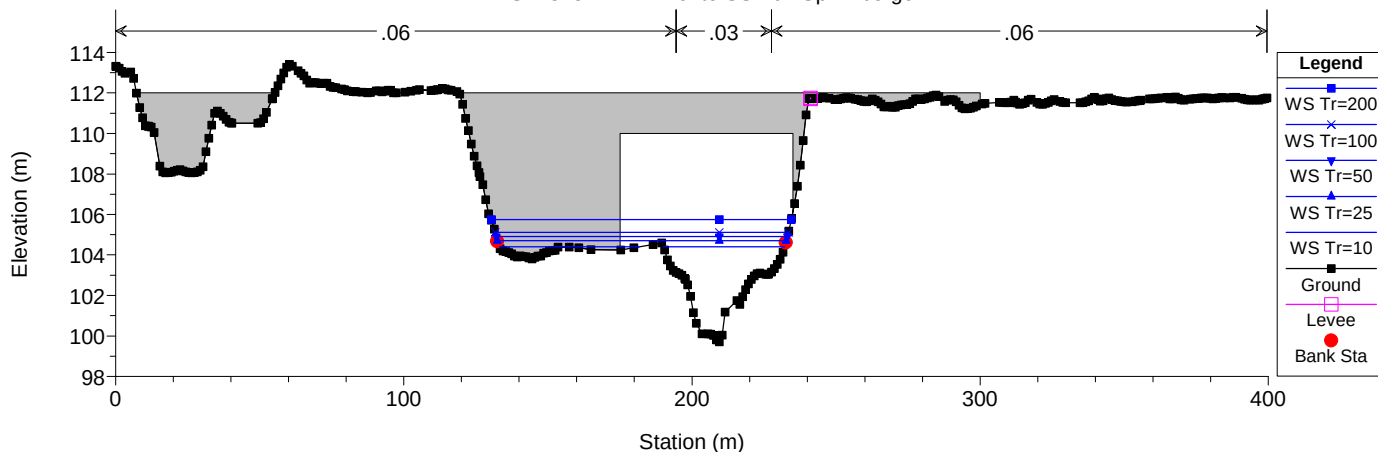
Cormor Udine Plan: Plan 02 10/7/2010
RS = 840 SEZ 17 (Pr 1200.00 m)



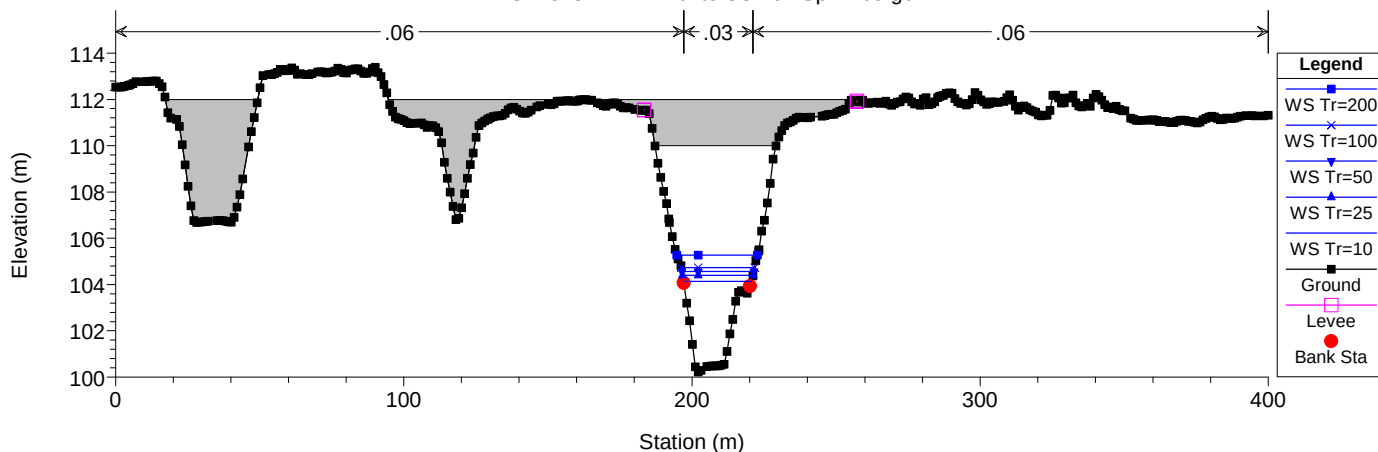
Cormor Udine Plan: Plan 02 10/7/2010
RS = 830 SEZ 18 (Pr 1265.50 m)



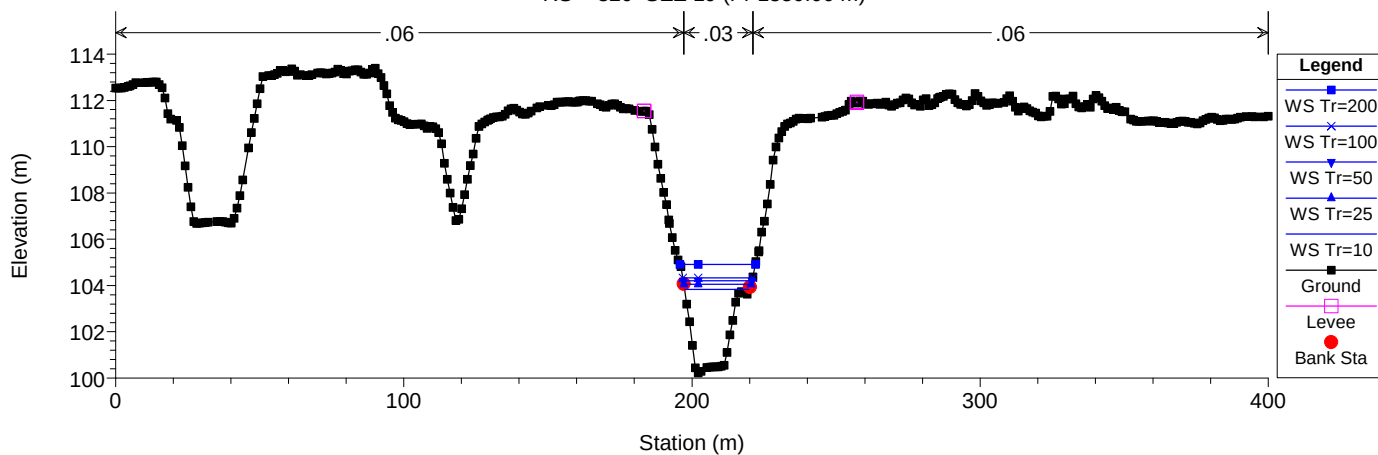
Cormor Udine Plan: Plan 02 10/7/2010
RS = 825 BR Ponte SS 464 Spilimbergo



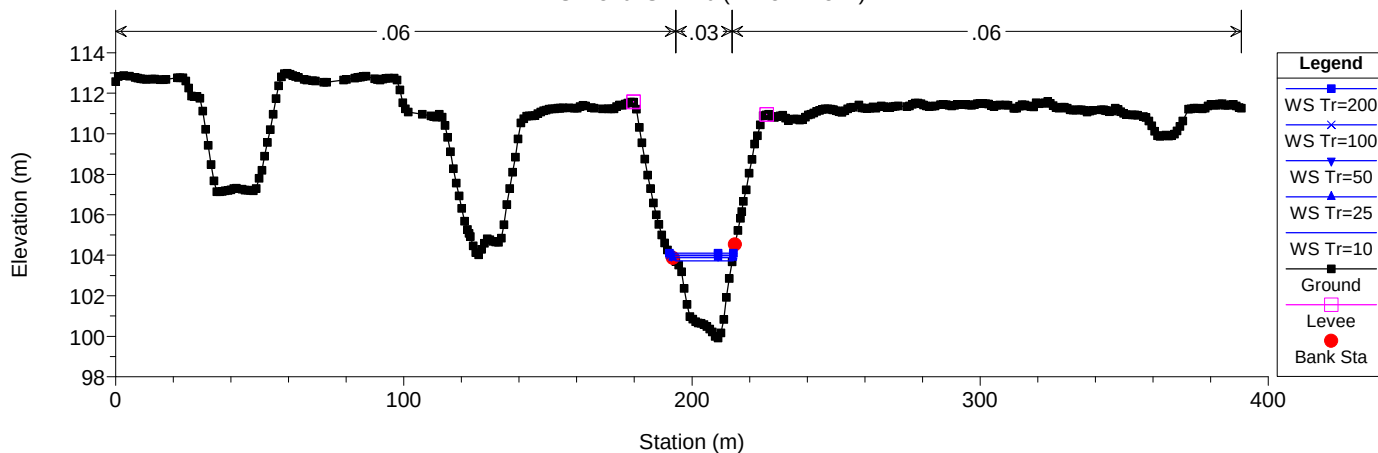
Cormor Udine Plan: Plan 02 10/7/2010
RS = 825 BR Ponte SS 464 Spilimbergo



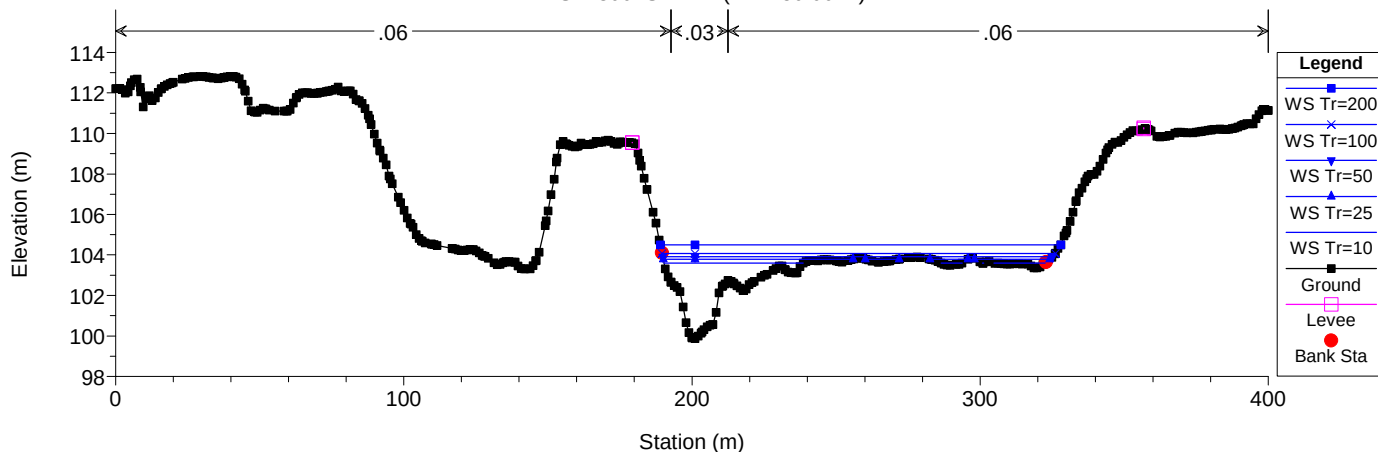
Cormor Udine Plan: Plan 02 10/7/2010
RS = 820 SEZ 19 (Pr 1350.00 m)



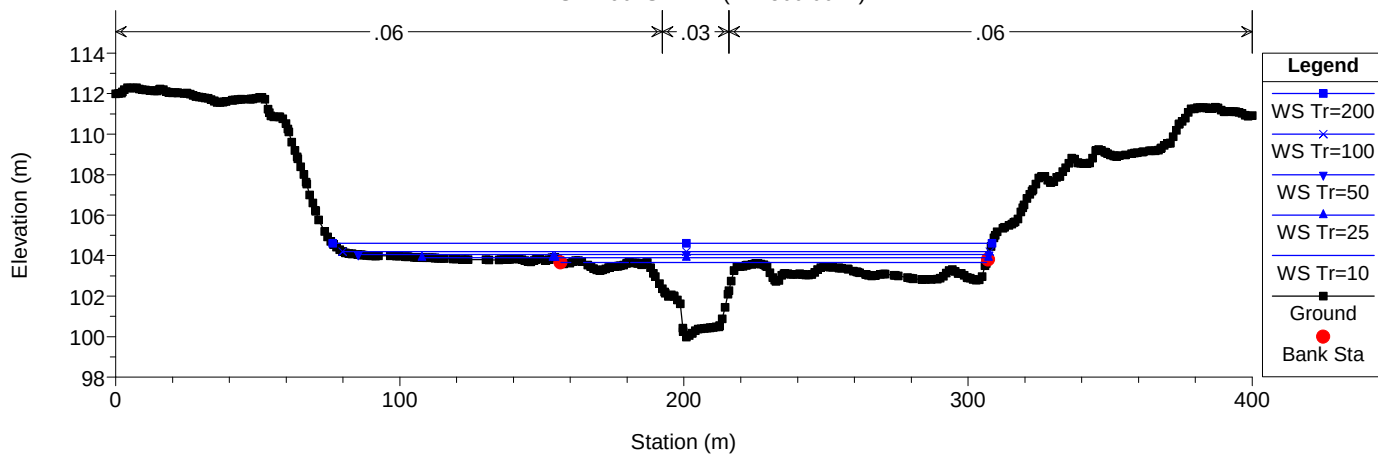
Cormor Udine Plan: Plan 02 10/7/2010
RS = 810 SEZ 20 (Pr 1377.28 m)



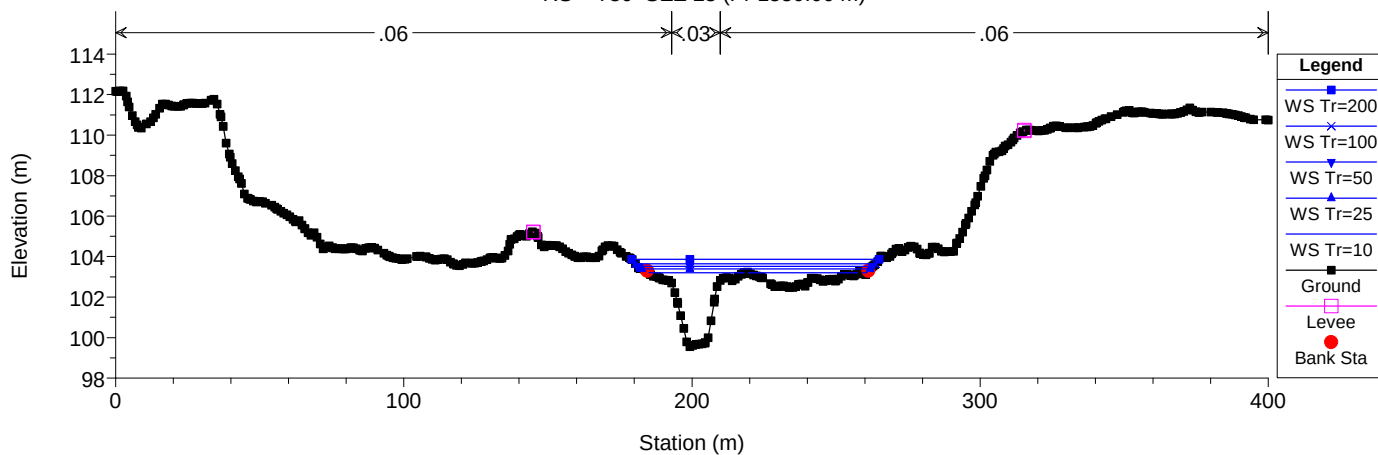
Cormor Udine Plan: Plan 02 10/7/2010
RS = 800 SEZ 21 (Pr 1450.00 m)



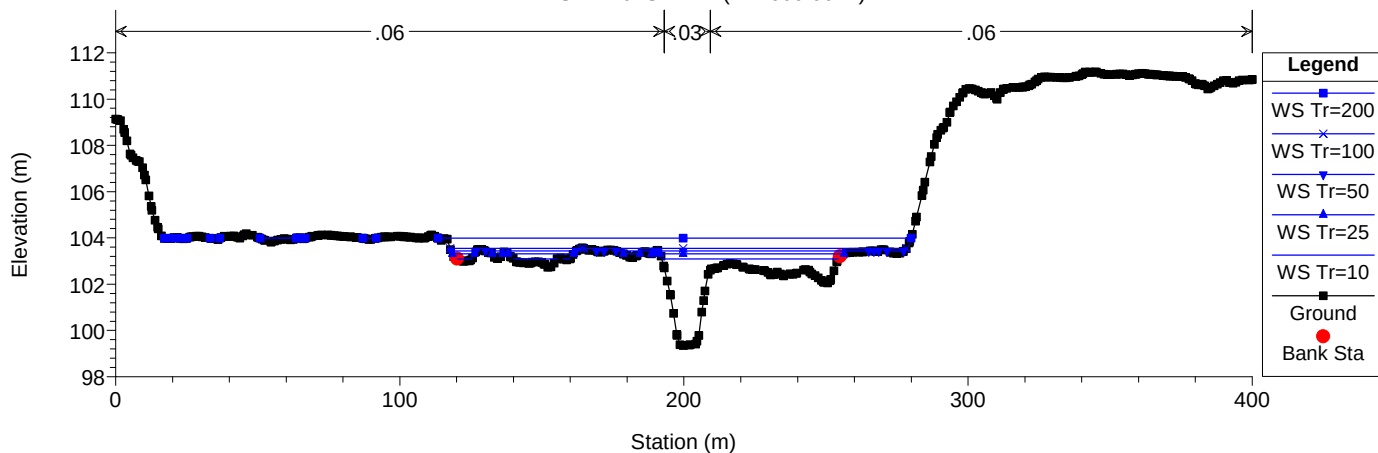
Cormor Udine Plan: Plan 02 10/7/2010
RS = 790 SEZ 22 (Pr 1500.00 m)



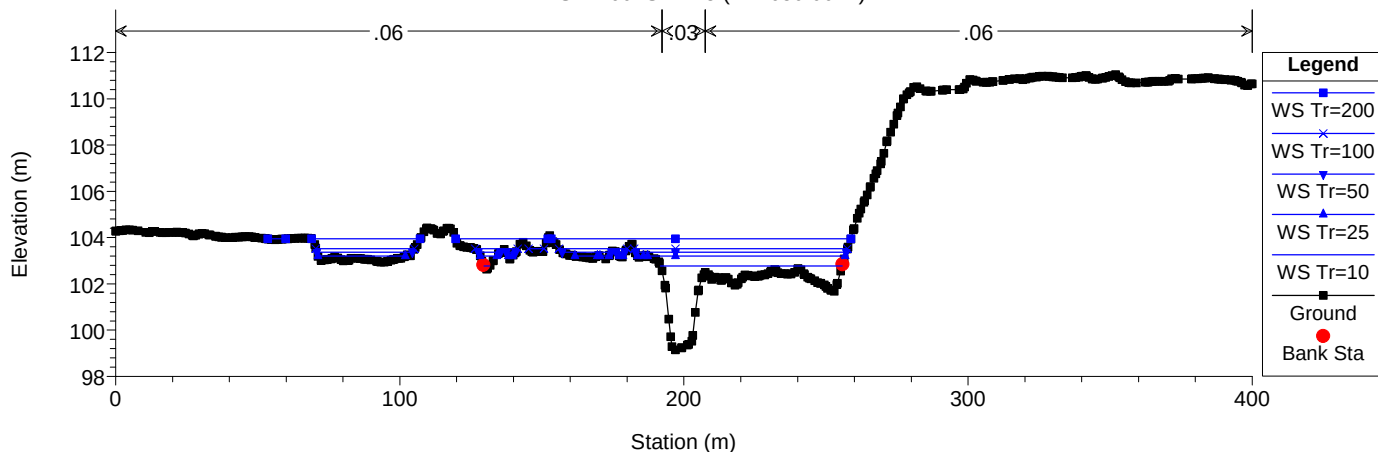
Cormor Udine Plan: Plan 02 10/7/2010
RS = 780 SEZ 23 (Pr 1550.00 m)



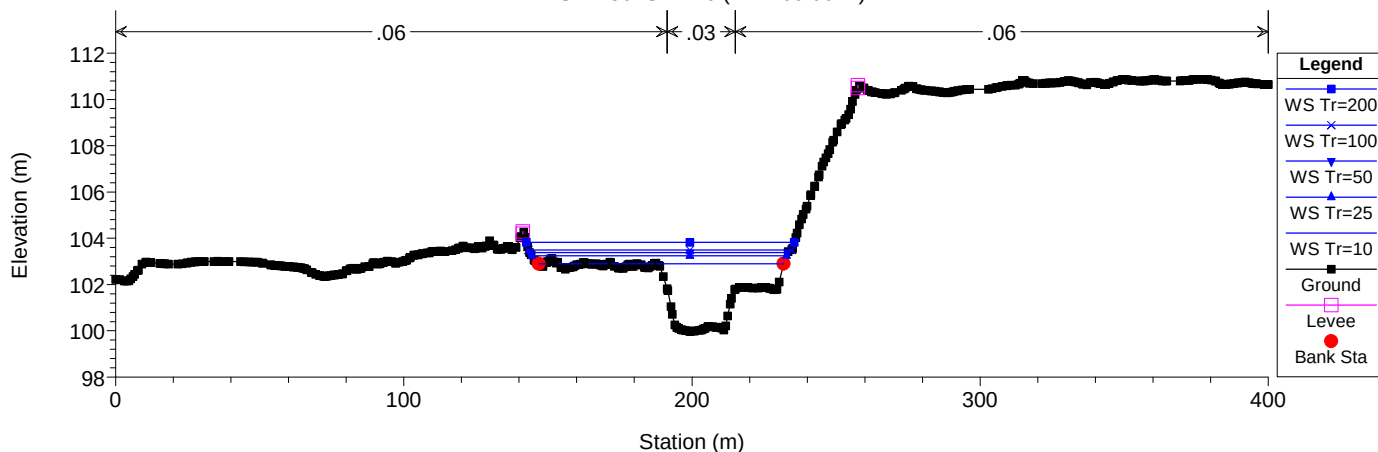
Cormor Udine Plan: Plan 02 10/7/2010
RS = 770 SEZ 24 (Pr 1600.00 m)



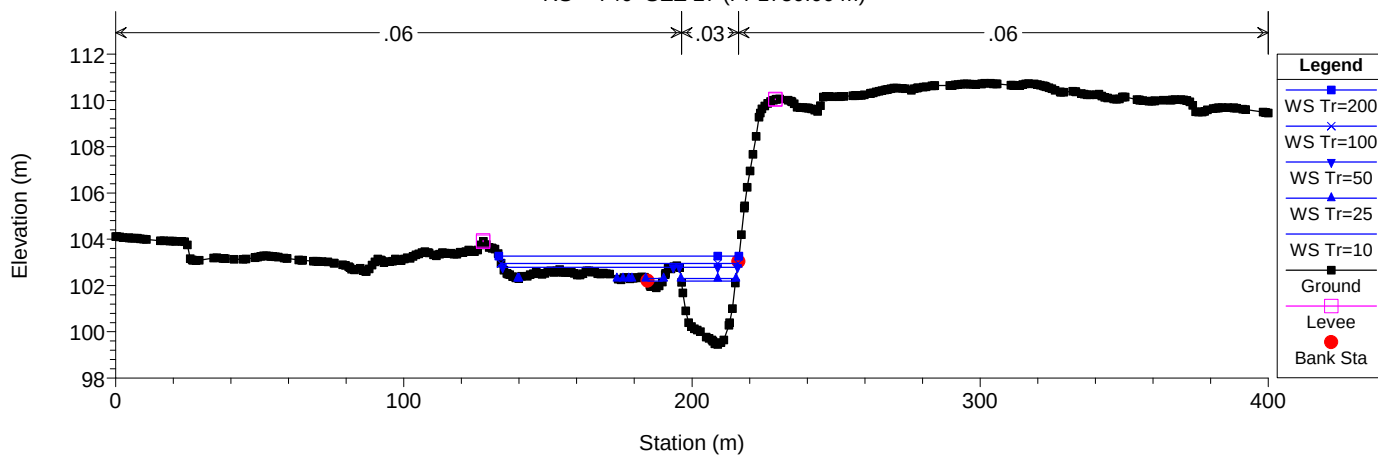
Cormor Udine Plan: Plan 02 10/7/2010
RS = 760 SEZ 25 (Pr 1650.00 m)



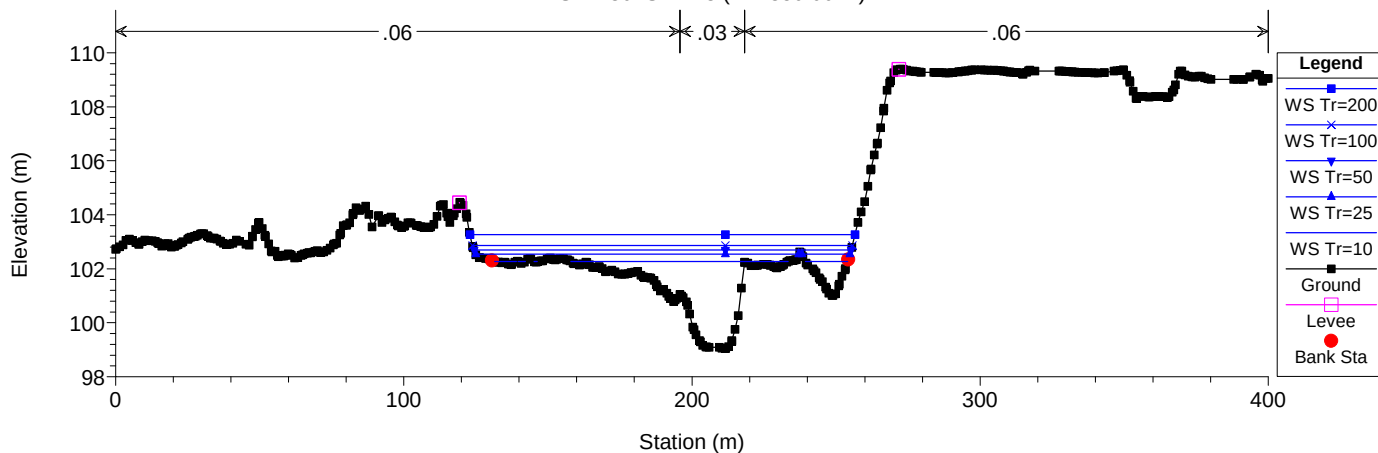
Cormor Udine Plan: Plan 02 10/7/2010
RS = 750 SEZ 26 (Pr 1700.00 m)



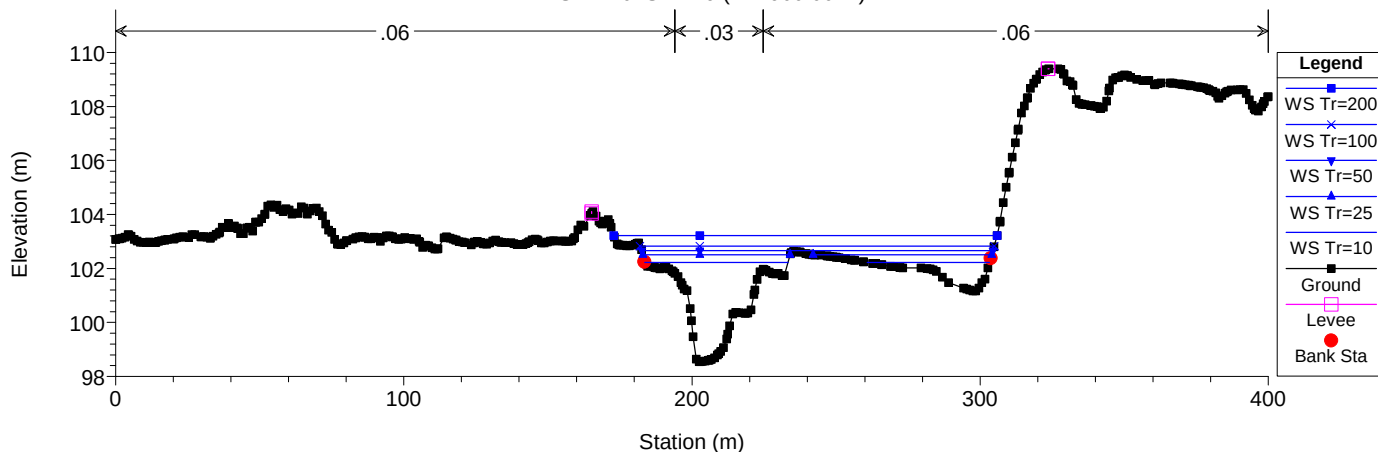
Cormor Udine Plan: Plan 02 10/7/2010
RS = 740 SEZ 27 (Pr 1750.00 m)



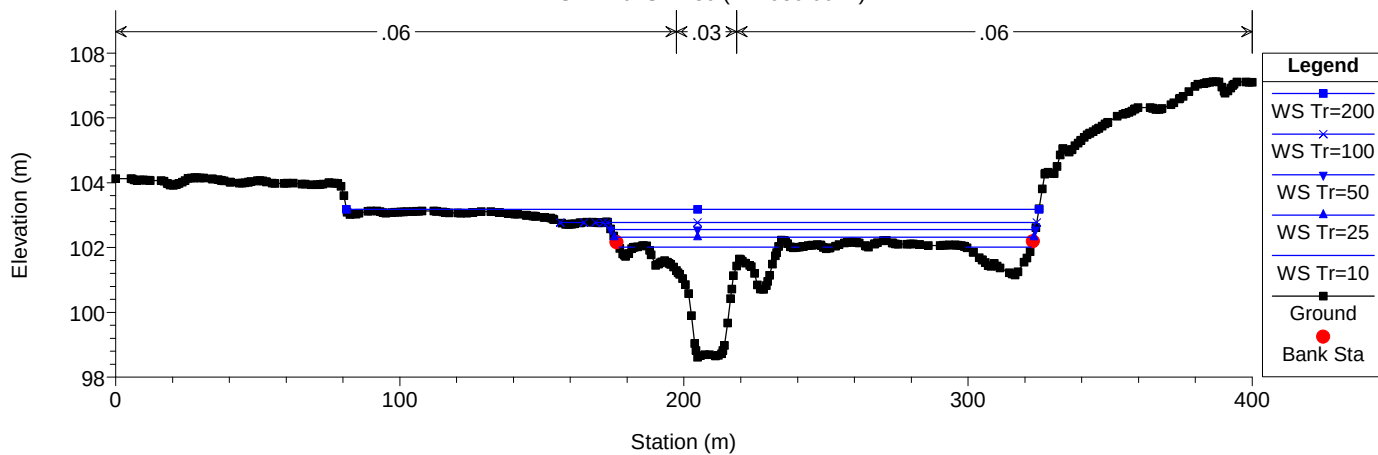
Cormor Udine Plan: Plan 02 10/7/2010
RS = 730 SEZ 28 (Pr 1850.00 m)



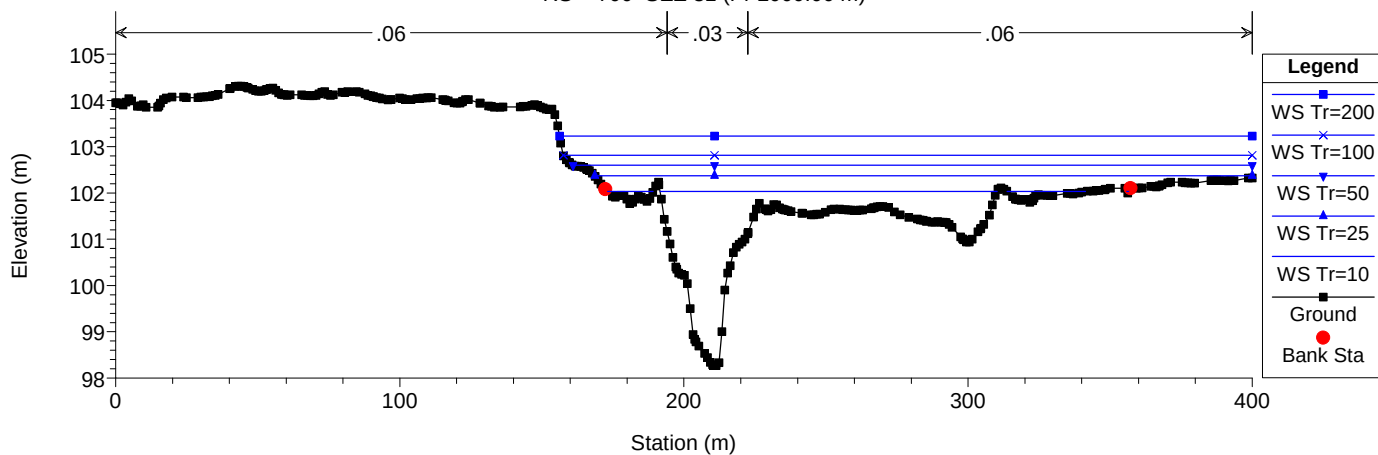
Cormor Udine Plan: Plan 02 10/7/2010
RS = 720 SEZ 29 (Pr 1900.00 m)



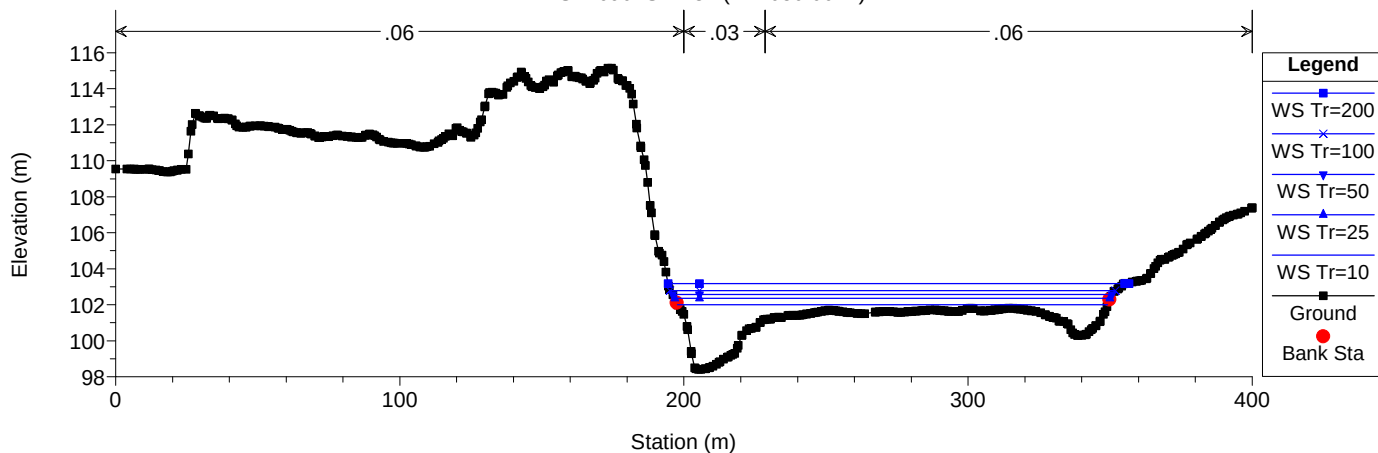
Cormor Udine Plan: Plan 02 10/7/2010
RS = 710 SEZ 30 (Pr 1950.00 m)



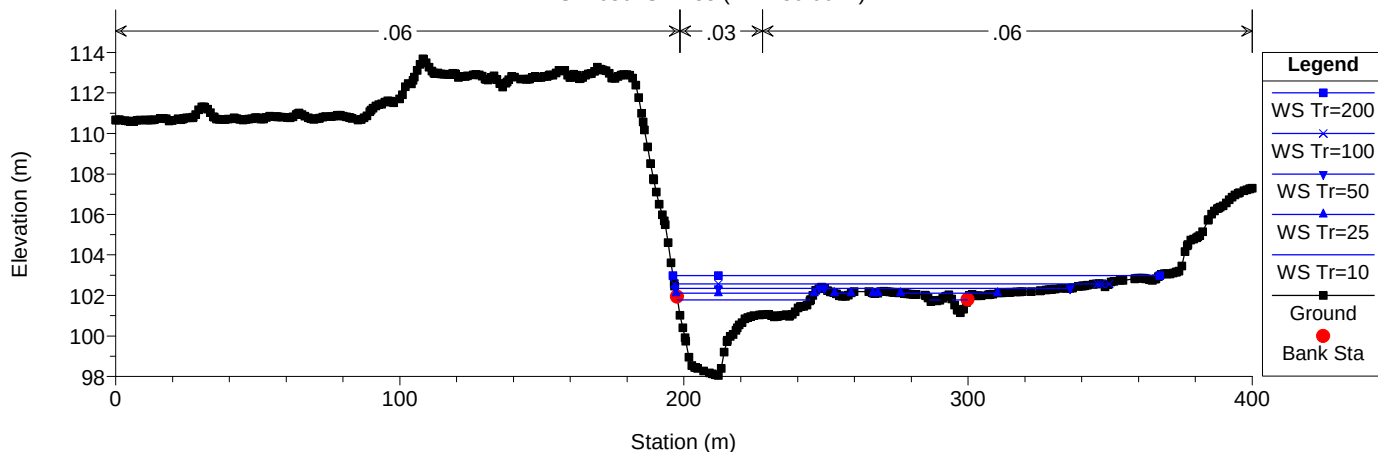
Cormor Udine Plan: Plan 02 10/7/2010
RS = 700 SEZ 31 (Pr 2000.00 m)



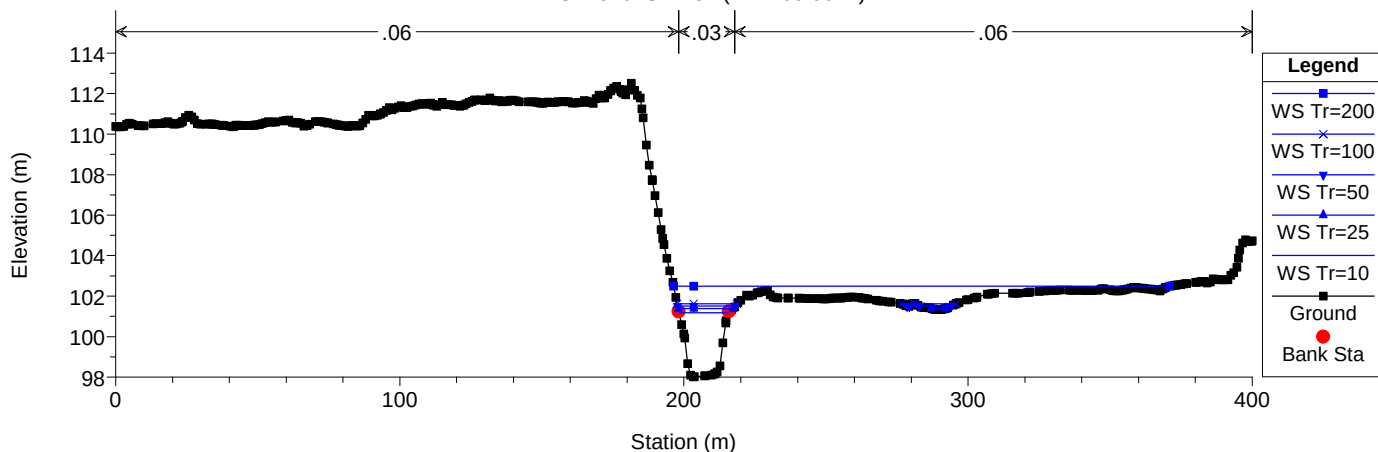
Cormor Udine Plan: Plan 02 10/7/2010
RS = 690 SEZ 32 (Pr 2050.00 m)



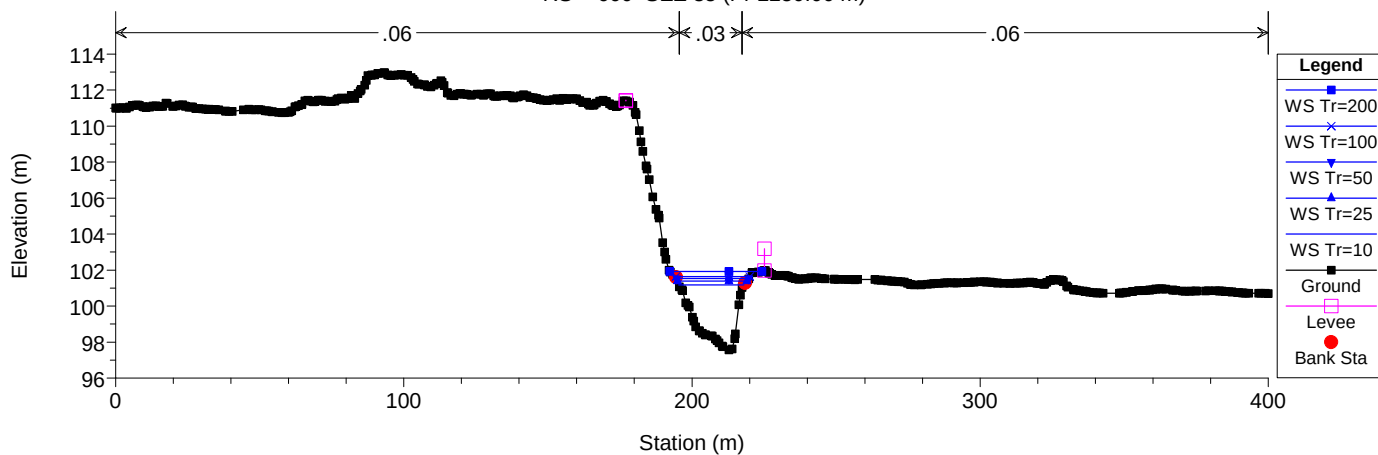
Cormor Udine Plan: Plan 02 10/7/2010
RS = 680 SEZ 33 (Pr 2150.00 m)



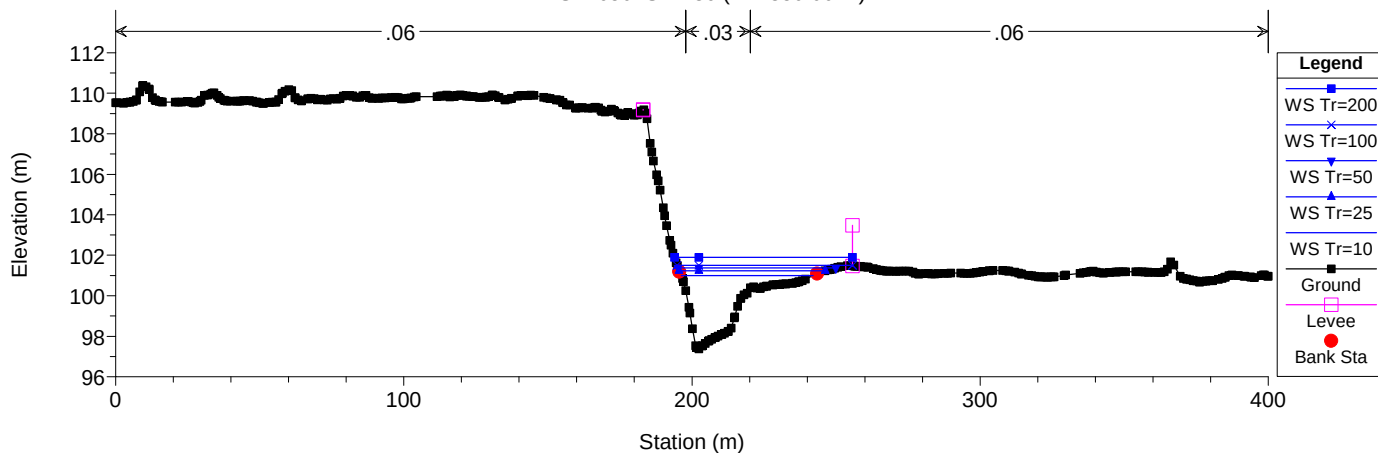
Cormor Udine Plan: Plan 02 10/7/2010
RS = 670 SEZ 34 (Pr 2200.00 m)



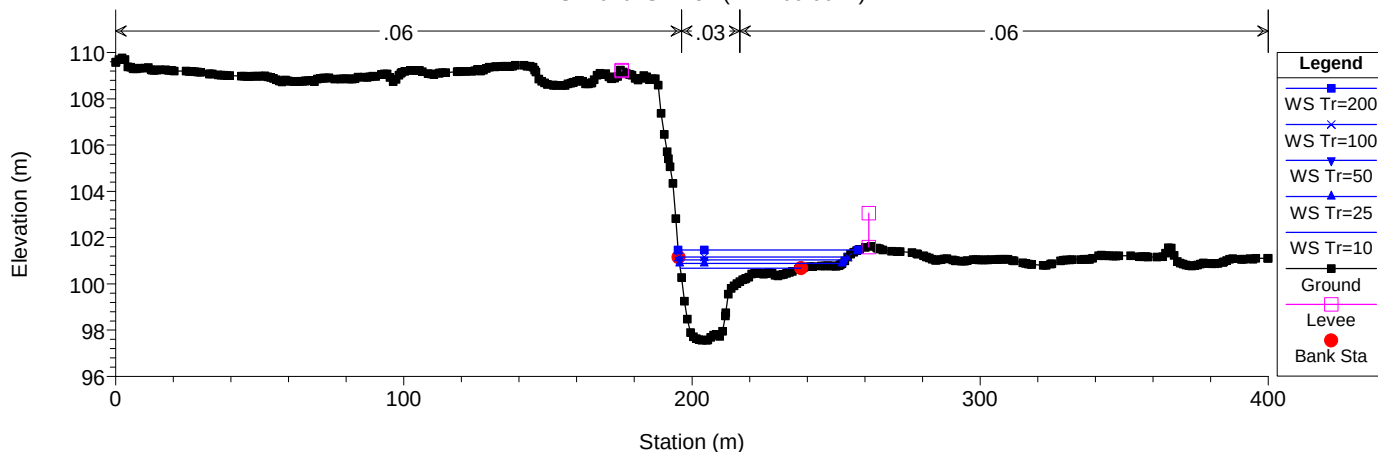
Cormor Udine Plan: Plan 02 10/7/2010
RS = 660 SEZ 35 (Pr 2250.00 m)



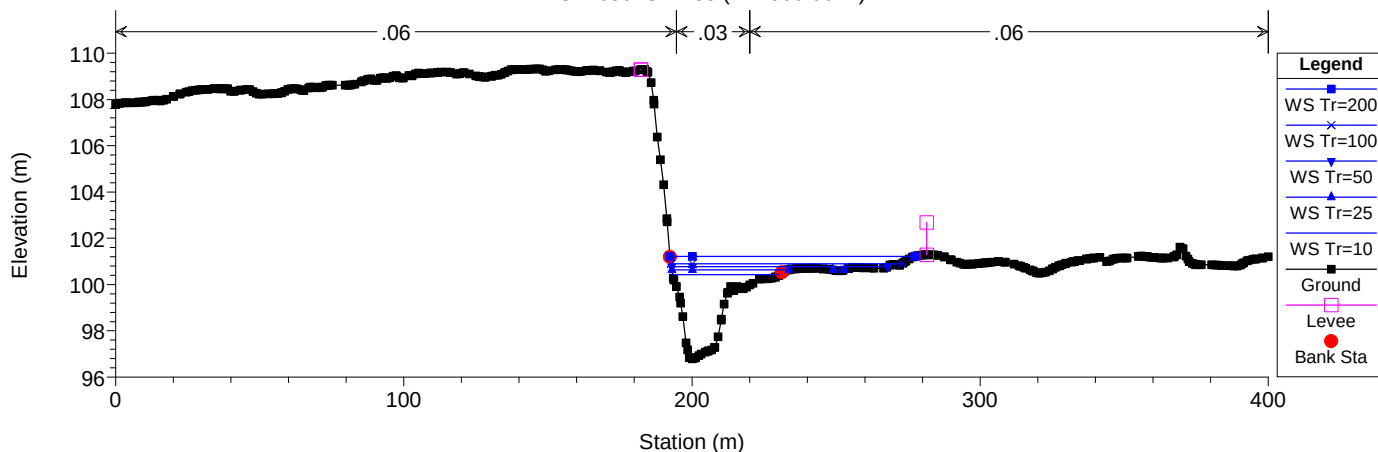
Cormor Udine Plan: Plan 02 10/7/2010
RS = 650 SEZ 36 (Pr 2350.00 m)



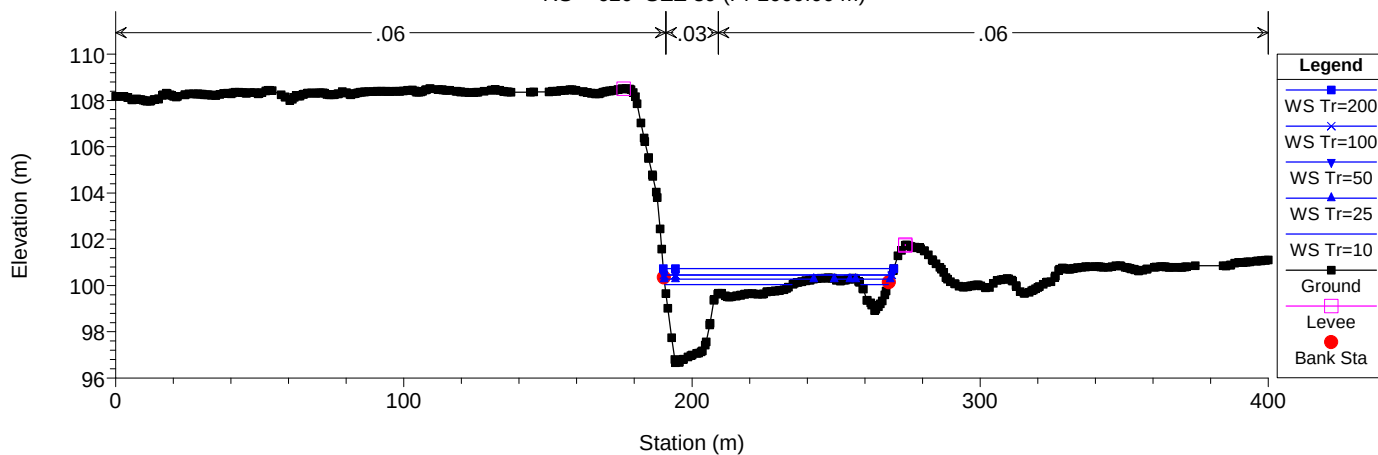
Cormor Udine Plan: Plan 02 10/7/2010
RS = 640 SEZ 37 (Pr 2400.00 m)



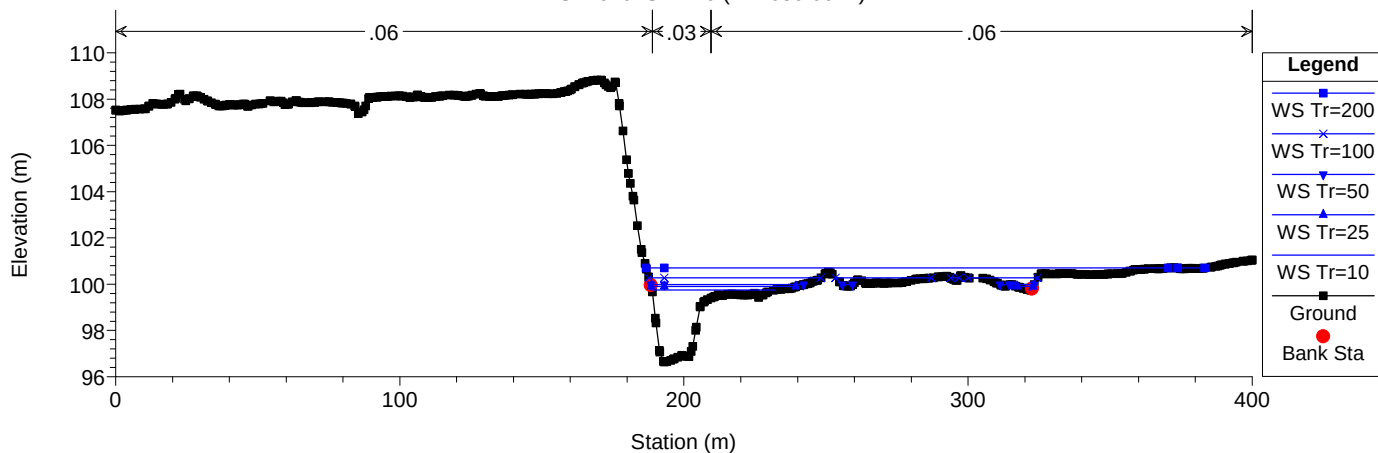
Cormor Udine Plan: Plan 02 10/7/2010
RS = 630 SEZ 38 (Pr 2500.00 m)



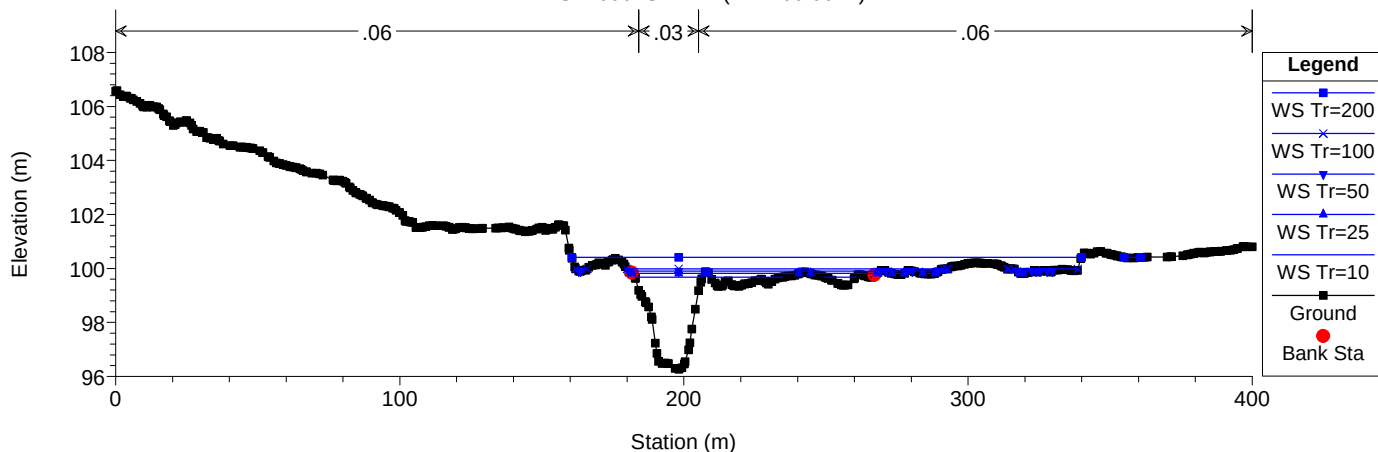
Cormor Udine Plan: Plan 02 10/7/2010
RS = 620 SEZ 39 (Pr 2600.00 m)



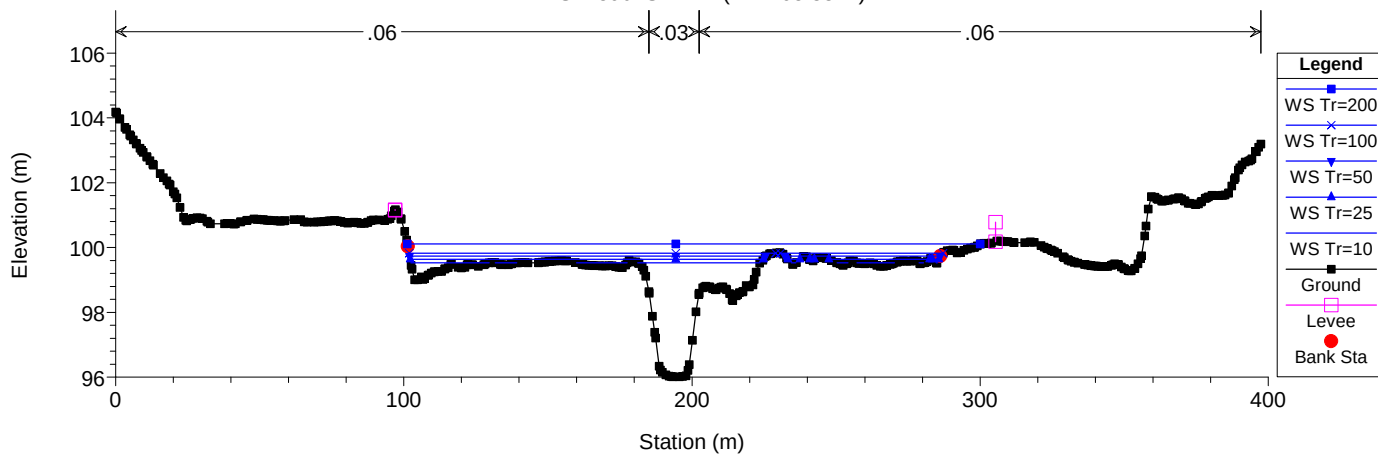
Cormor Udine Plan: Plan 02 10/7/2010
RS = 610 SEZ 40 (Pr 2650.00 m)



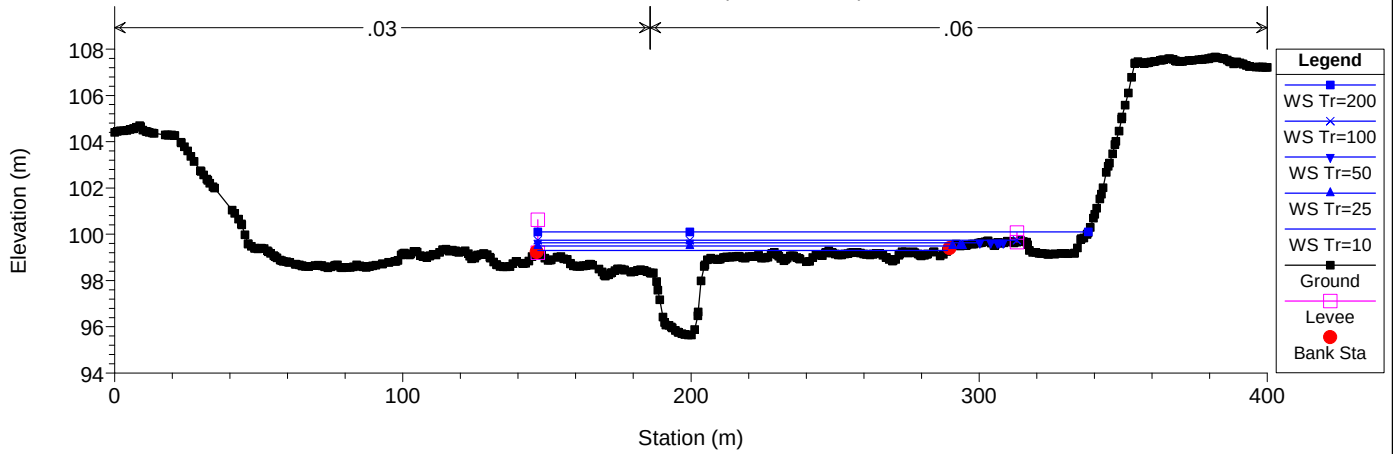
Cormor Udine Plan: Plan 02 10/7/2010
RS = 600 SEZ 41 (Pr 2700.00 m)



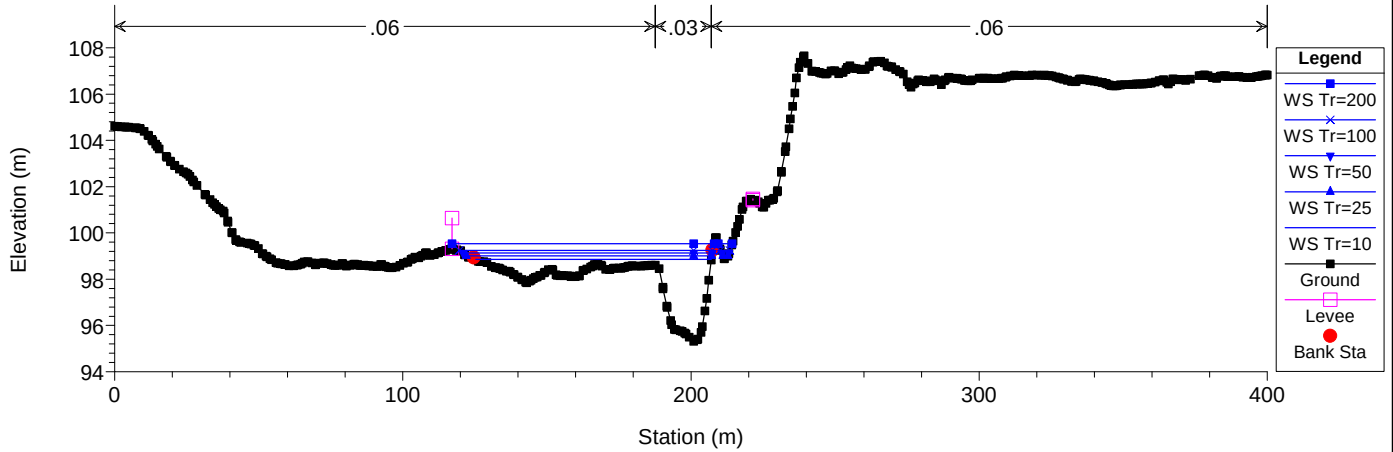
Cormor Udine Plan: Plan 02 10/7/2010
RS = 590 SEZ 42 (Pr 2795.33 m)



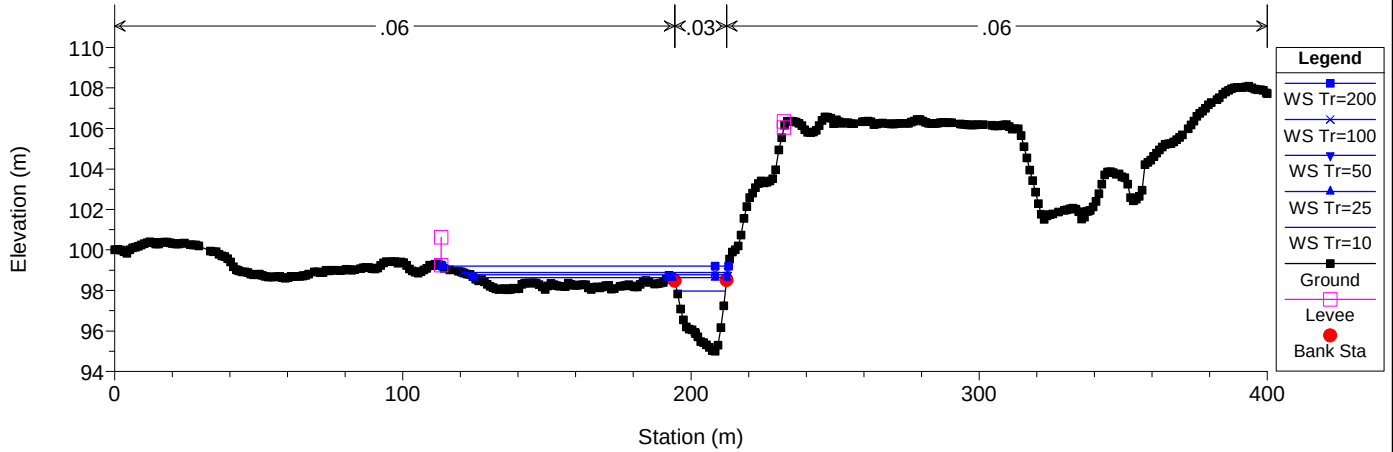
Cormor Udine Plan: Plan 02 10/7/2010
RS = 580 SEZ 43 (Pr 2900.00 m)



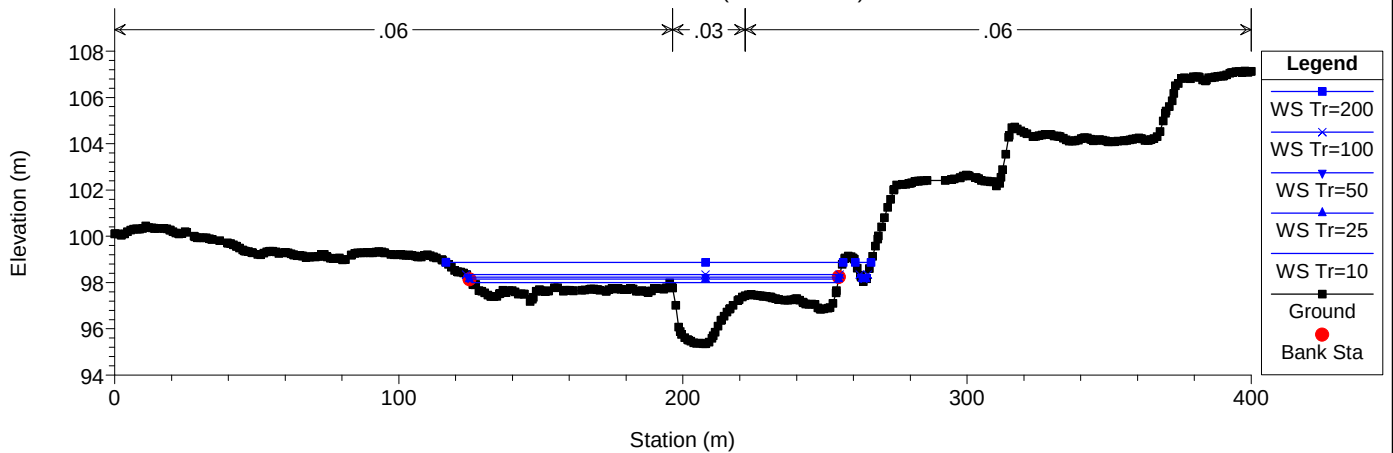
Cormor Udine Plan: Plan 02 10/7/2010
RS = 570 SEZ 44 (Pr 2950.00 m)



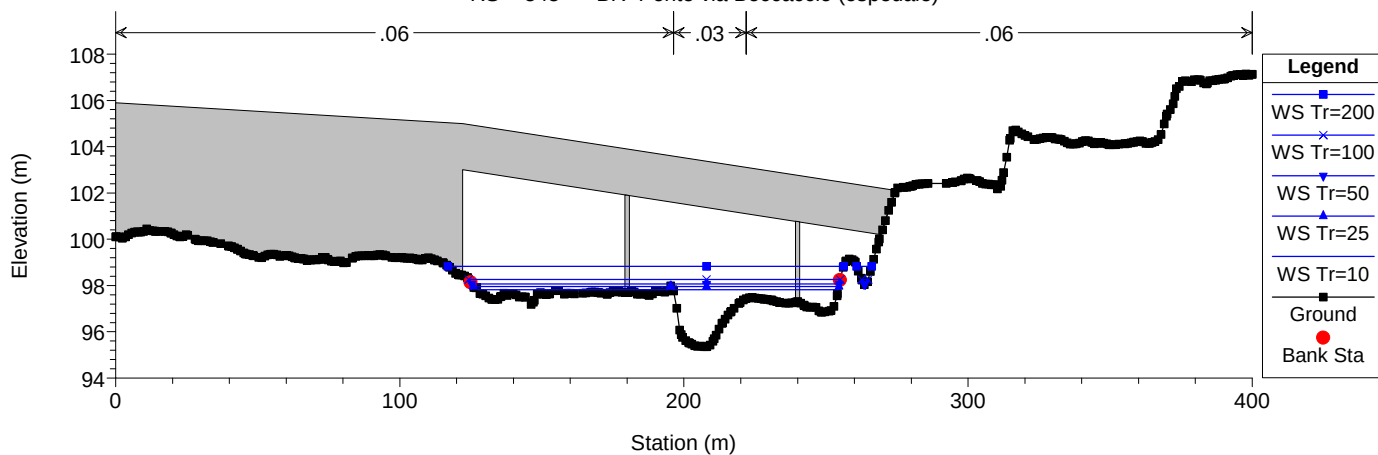
Cormor Udine Plan: Plan 02 10/7/2010
RS = 560 SEZ 45 (Pr 3000.00 m)



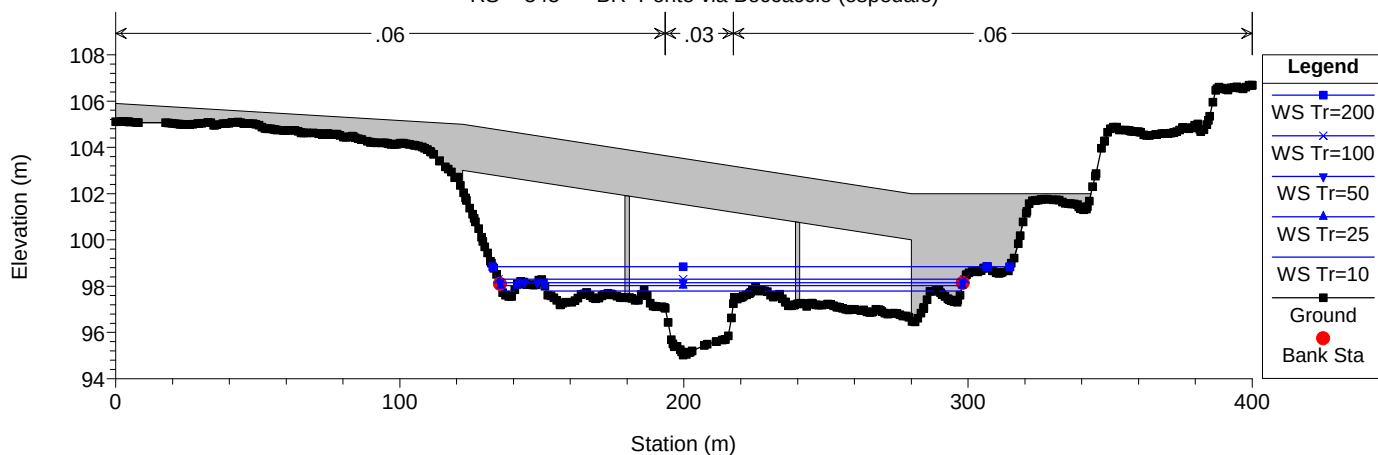
Cormor Udine Plan: Plan 02 10/7/2010
RS = 550 SEZ 46 (Pr 3100.00 m)



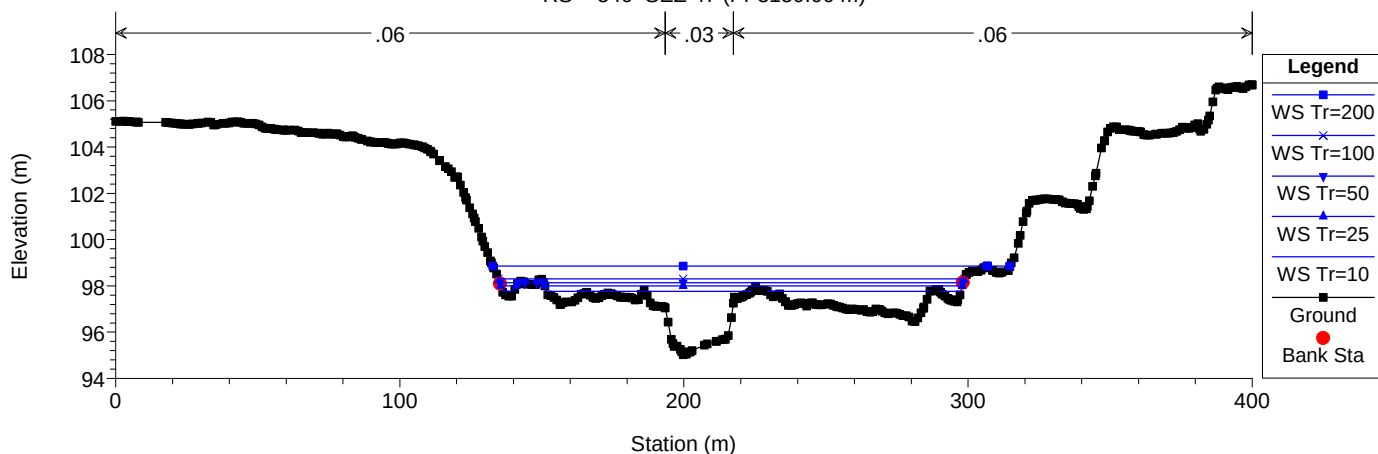
Cormor Udine Plan: Plan 02 10/7/2010
RS = 545 BR Ponte via Boccaccio (ospedale)



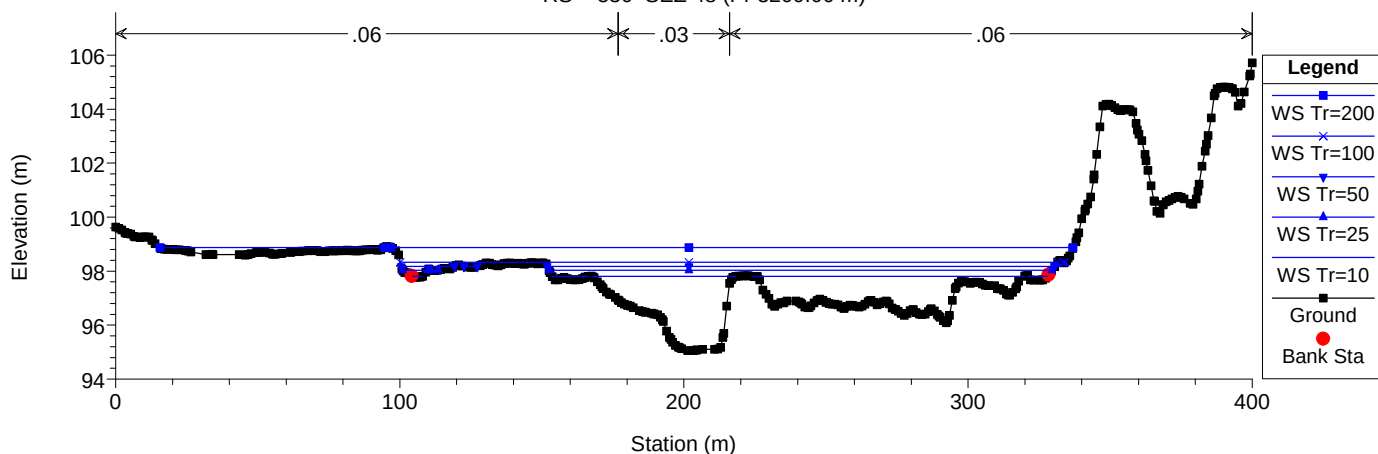
Cormor Udine Plan: Plan 02 10/7/2010
RS = 545 BR Ponte via Boccaccio (ospedale)



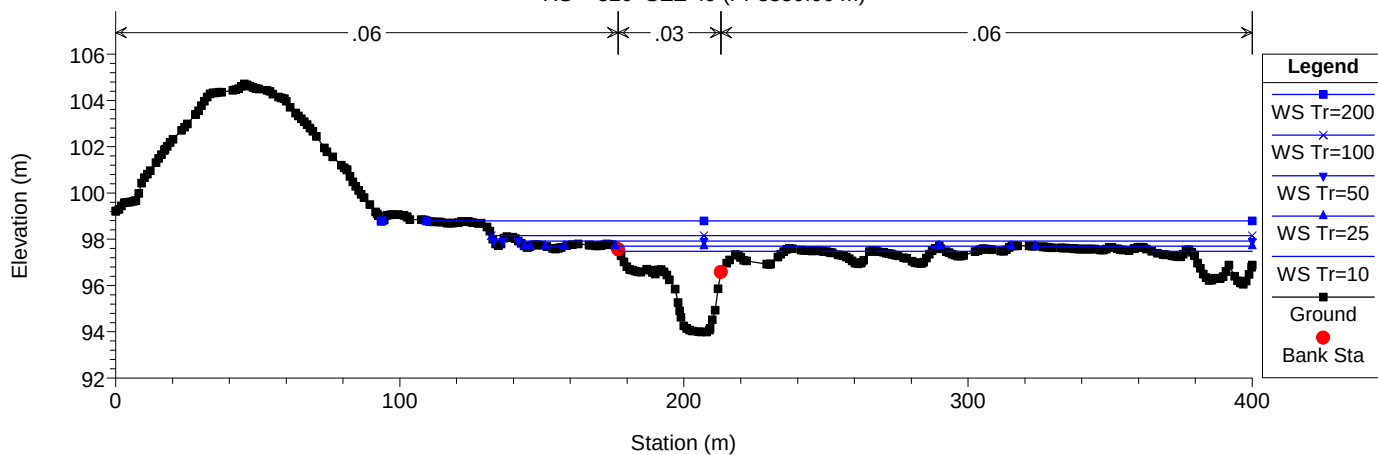
Cormor Udine Plan: Plan 02 10/7/2010
RS = 540 SEZ 47 (Pr 3150.00 m)



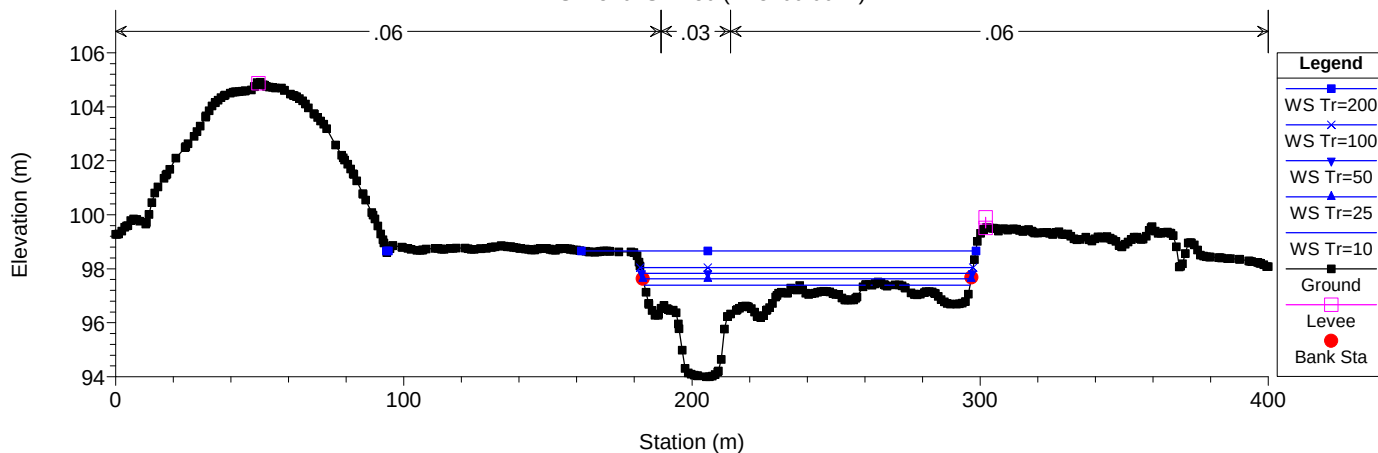
Cormor Udine Plan: Plan 02 10/7/2010
RS = 530 SEZ 48 (Pr 3200.00 m)



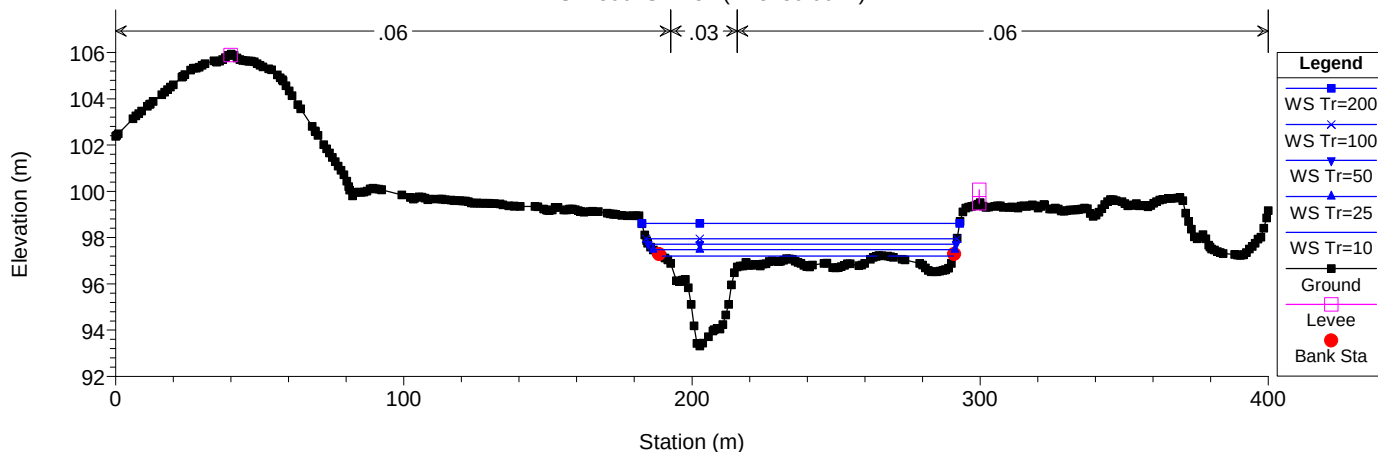
Cormor Udine Plan: Plan 02 10/7/2010
RS = 520 SEZ 49 (Pr 3350.00 m)



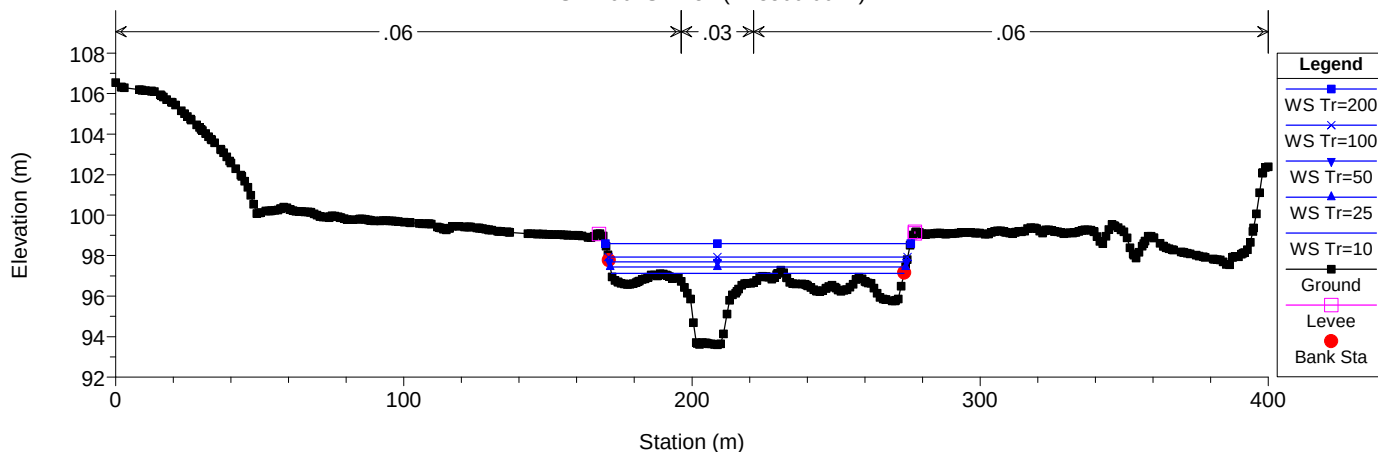
Cormor Udine Plan: Plan 02 10/7/2010
RS = 510 SEZ 50 (Pr 3400.00 m)



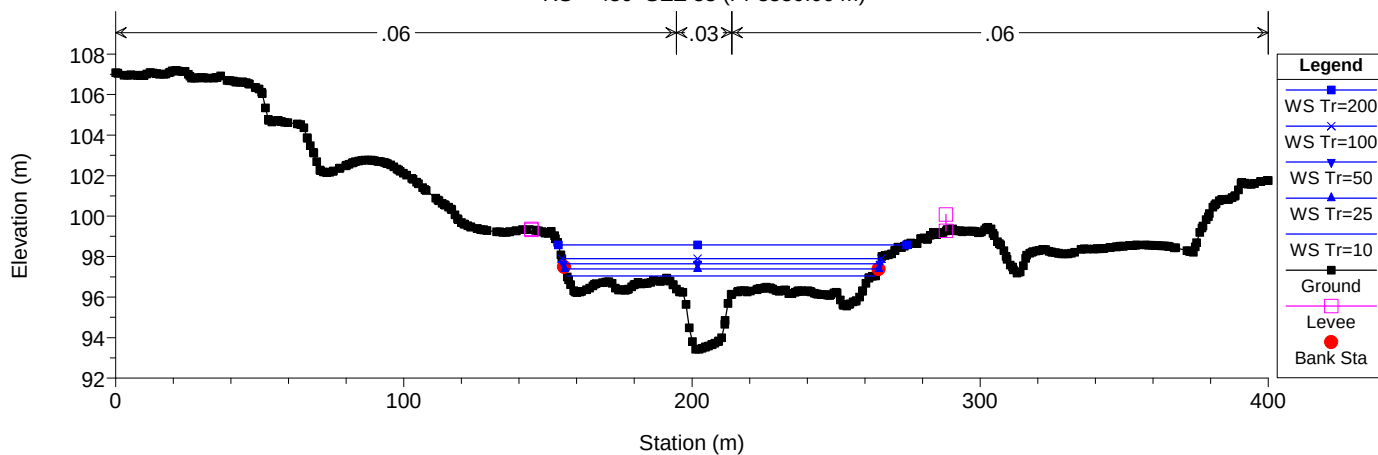
Cormor Udine Plan: Plan 02 10/7/2010
RS = 500 SEZ 51 (Pr 3450.00 m)



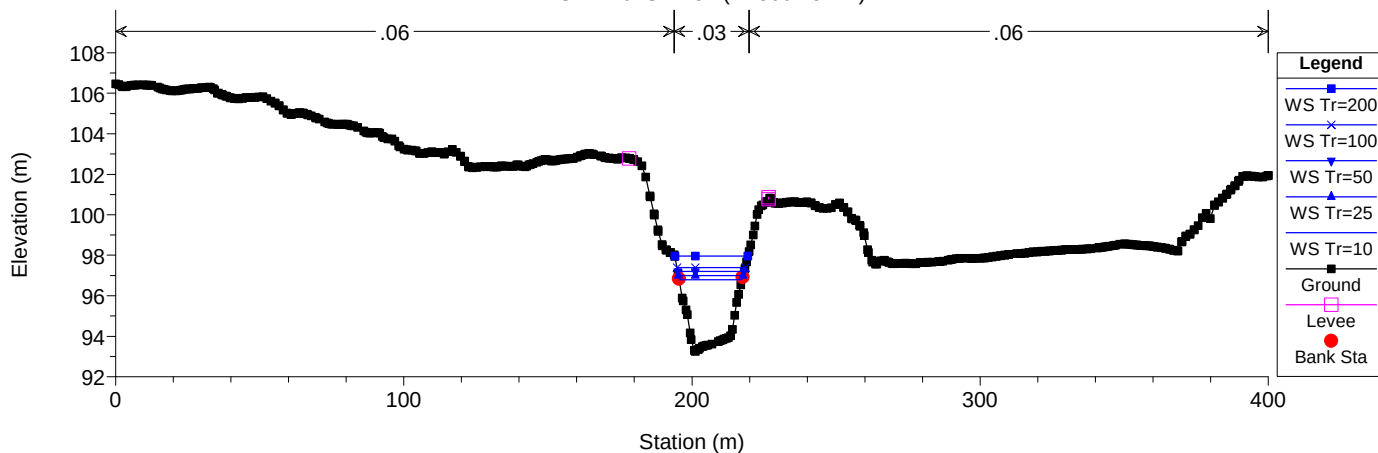
Cormor Udine Plan: Plan 02 10/7/2010
RS = 490 SEZ 52 (Pr 3500.00 m)



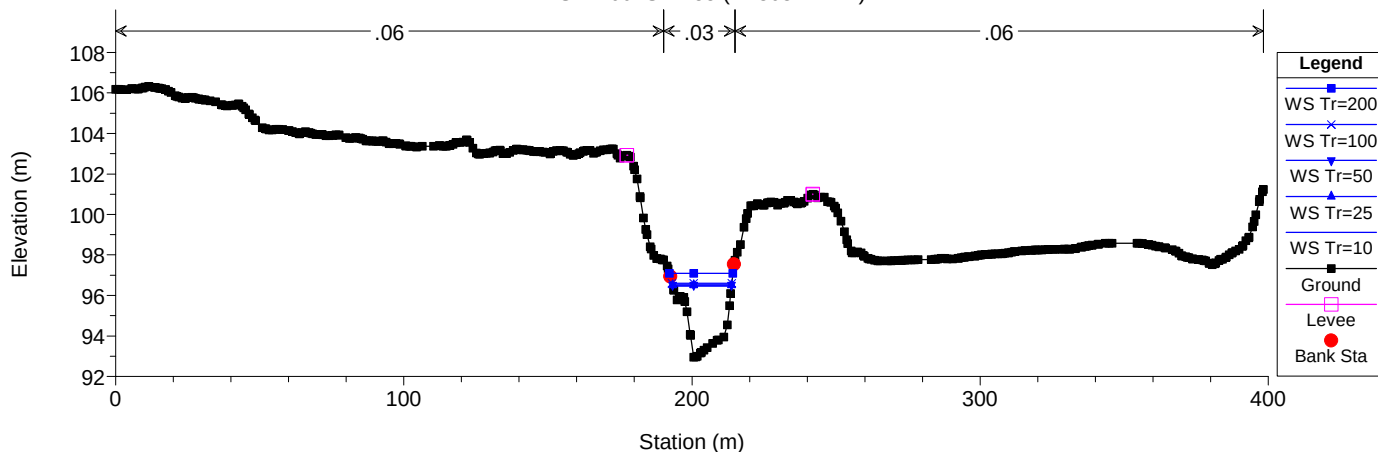
Cormor Udine Plan: Plan 02 10/7/2010
RS = 480 SEZ 53 (Pr 3550.00 m)



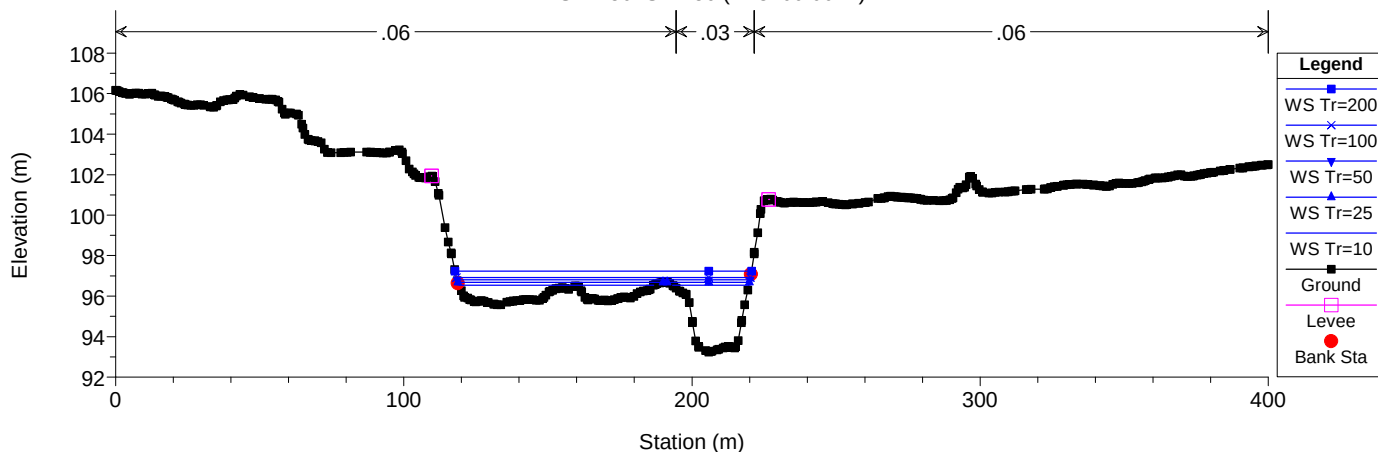
Cormor Udine Plan: Plan 02 10/7/2010
RS = 470 SEZ 54 (Pr 3604.52 m)



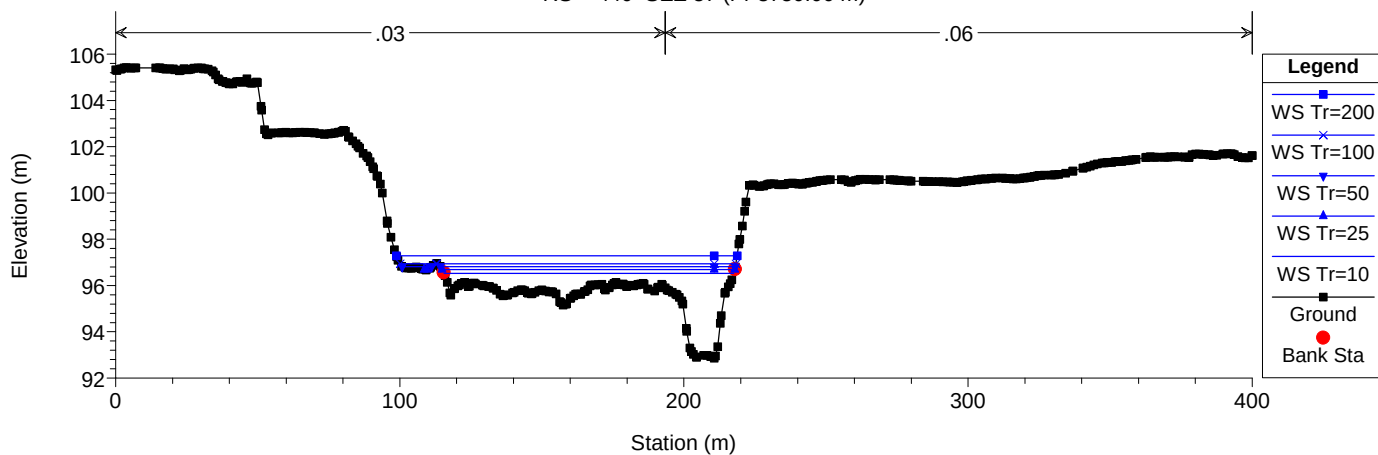
Cormor Udine Plan: Plan 02 10/7/2010
RS = 460 SEZ 55 (Pr 3637.11 m)



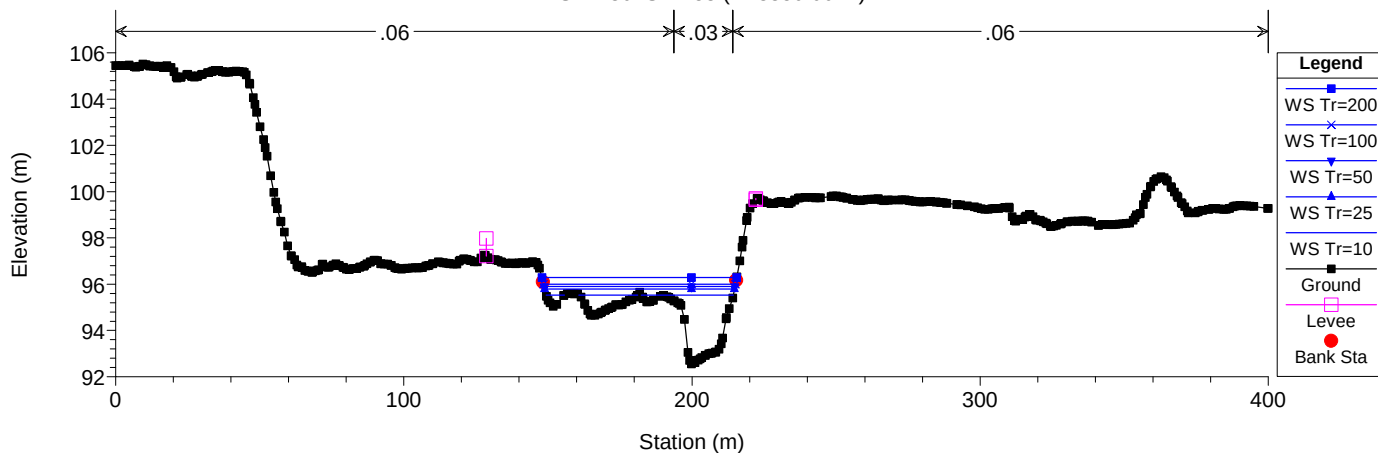
Cormor Udine Plan: Plan 02 10/7/2010
RS = 450 SEZ 56 (Pr 3700.00 m)



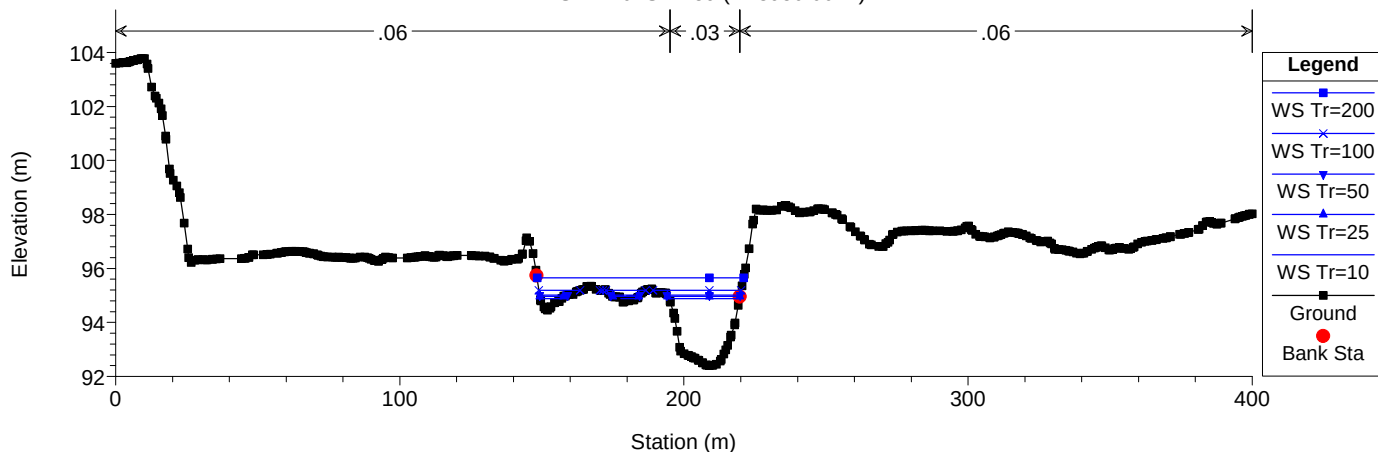
Cormor Udine Plan: Plan 02 10/7/2010
RS = 440 SEZ 57 (Pr 3750.00 m)



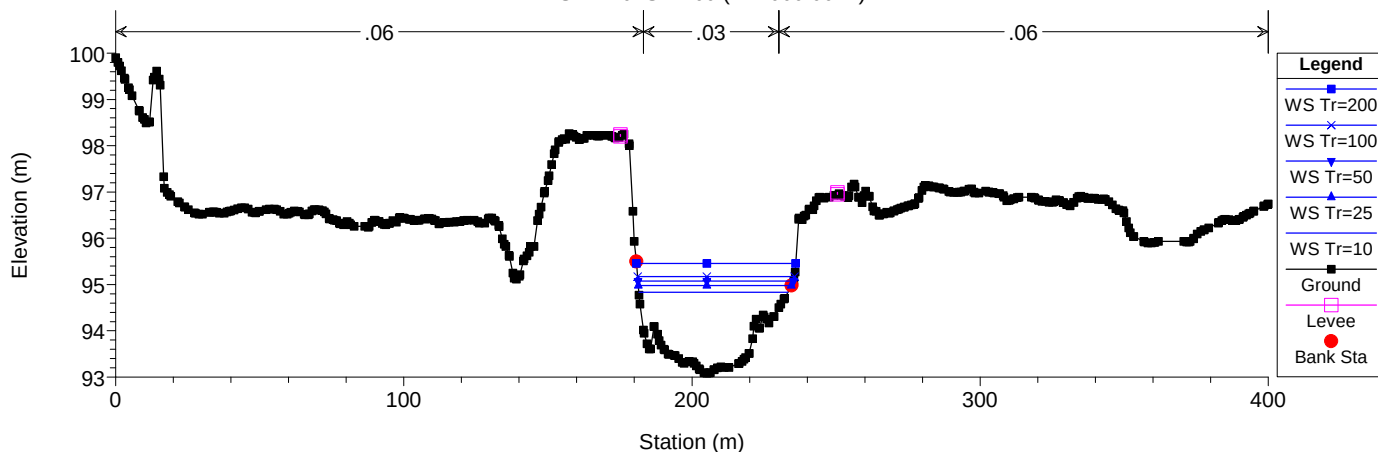
Cormor Udine Plan: Plan 02 10/7/2010
RS = 430 SEZ 58 (Pr 3850.00 m)



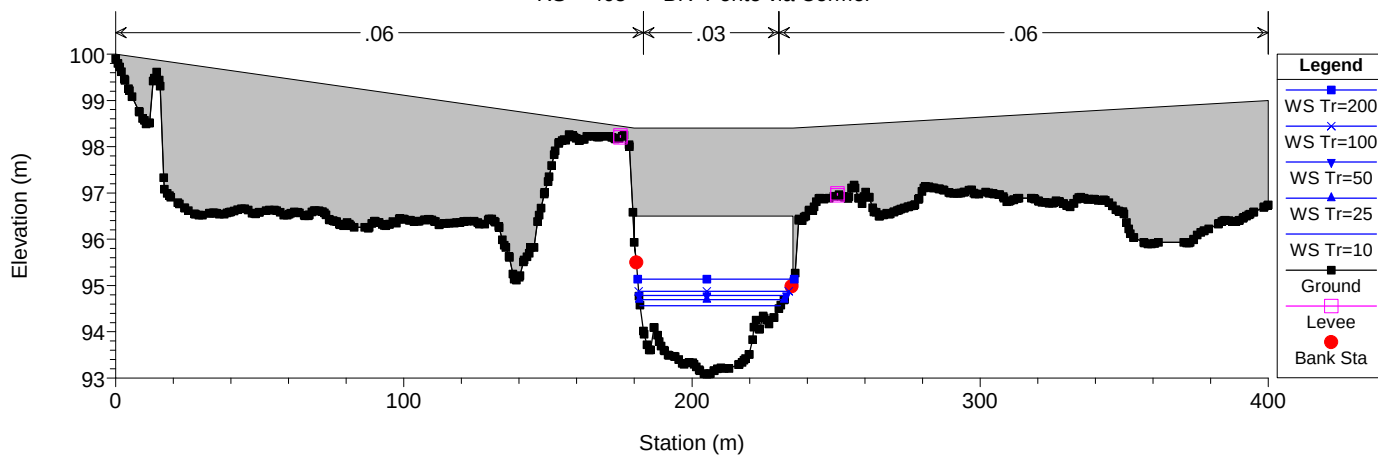
Cormor Udine Plan: Plan 02 10/7/2010
RS = 420 SEZ 59 (Pr 3950.00 m)



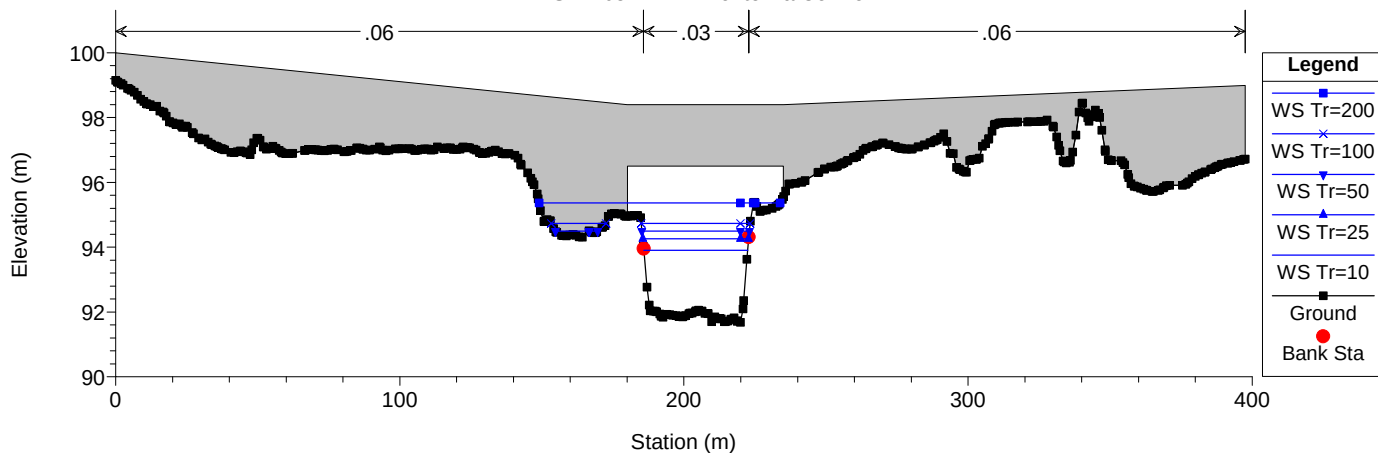
Cormor Udine Plan: Plan 02 10/7/2010
RS = 410 SEZ 60 (Pr 4000.00 m)



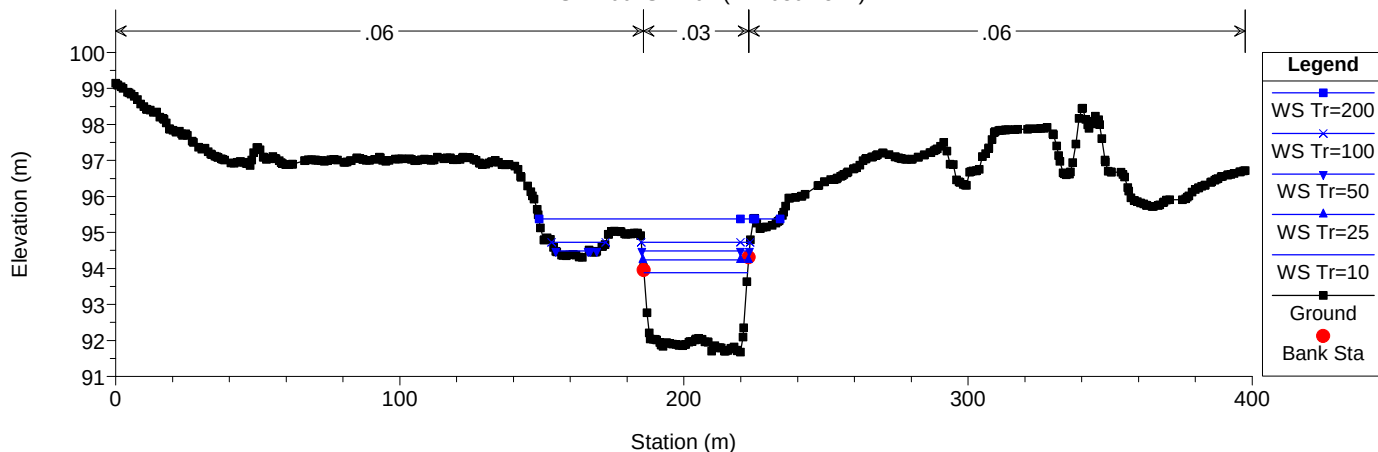
Cormor Udine Plan: Plan 02 10/7/2010
RS = 405 BR Ponte via Cormor



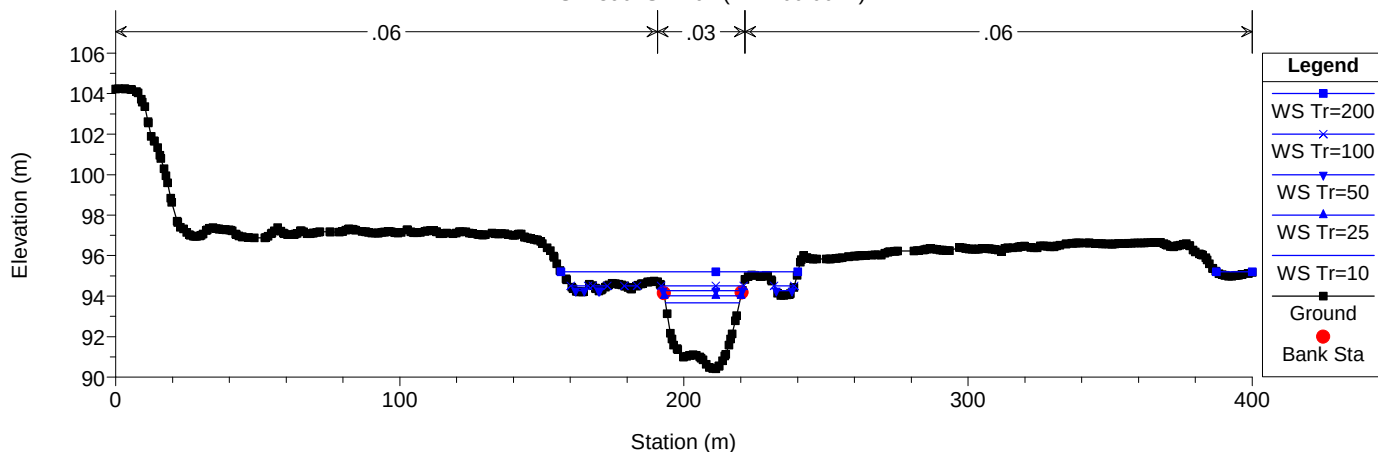
Cormor Udine Plan: Plan 02 10/7/2010
RS = 405 BR Ponte via Cormor



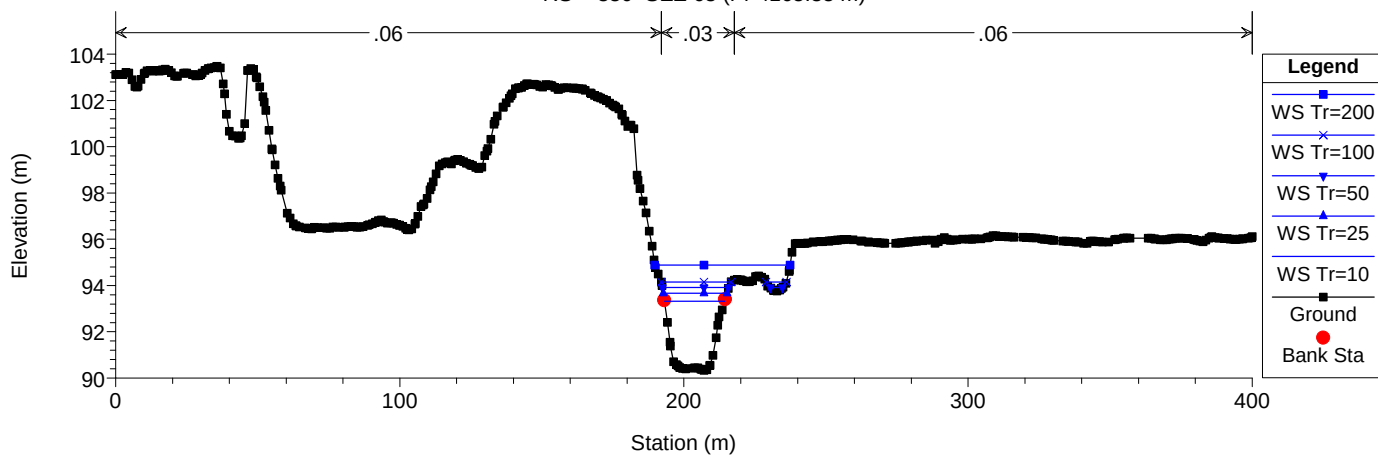
Cormor Udine Plan: Plan 02 10/7/2010
RS = 400 SEZ 61 (Pr 4030.25 m)



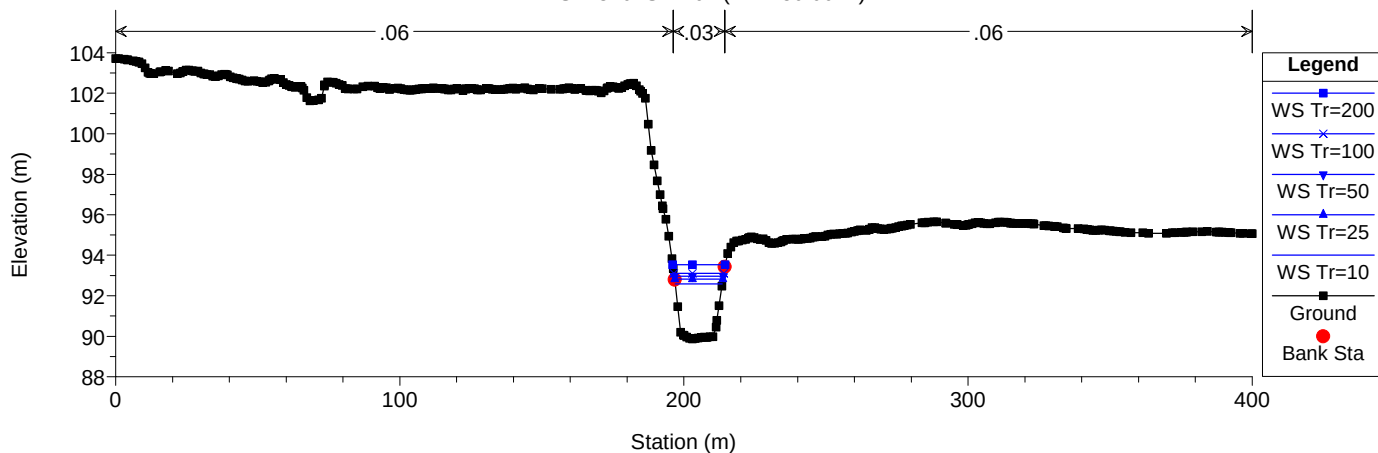
Cormor Udine Plan: Plan 02 10/7/2010
RS = 390 SEZ 62 (Pr 4100.00 m)



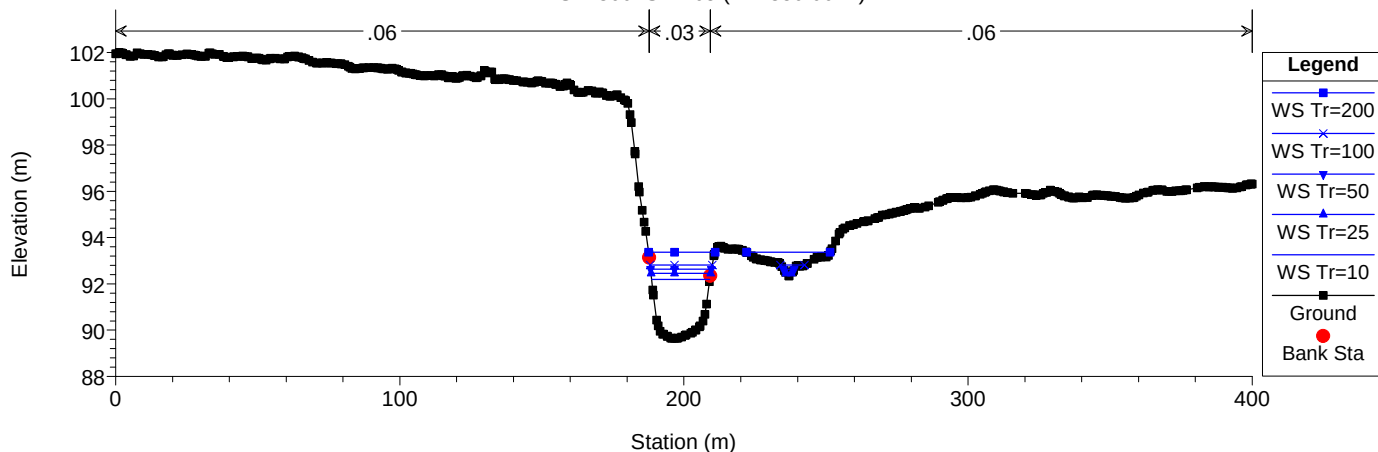
Cormor Udine Plan: Plan 02 10/7/2010
RS = 380 SEZ 63 (Pr 4165.35 m)



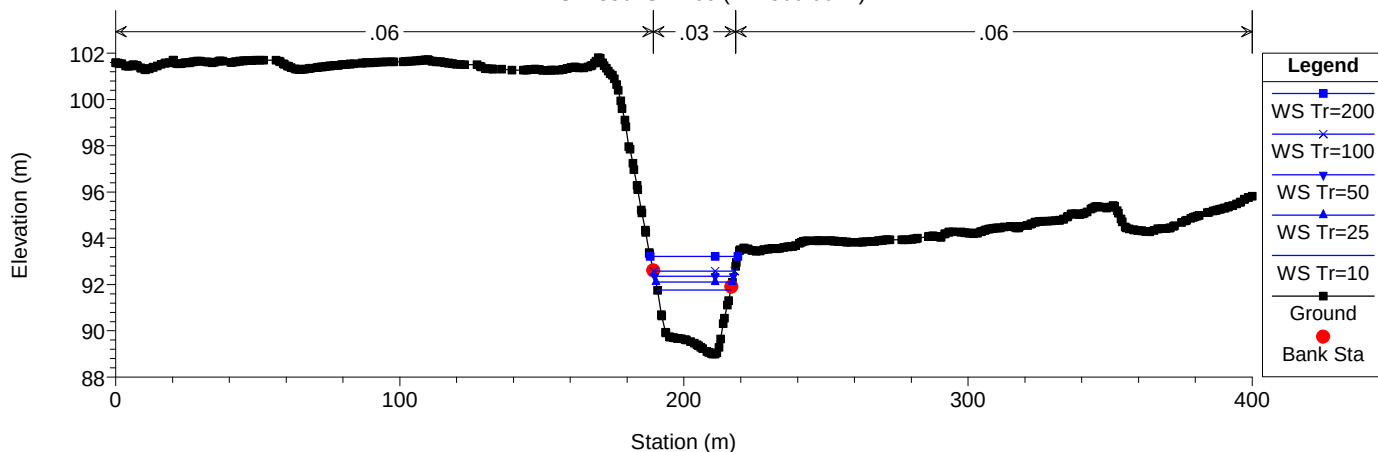
Cormor Udine Plan: Plan 02 10/7/2010
RS = 370 SEZ 64 (Pr 4250.00 m)



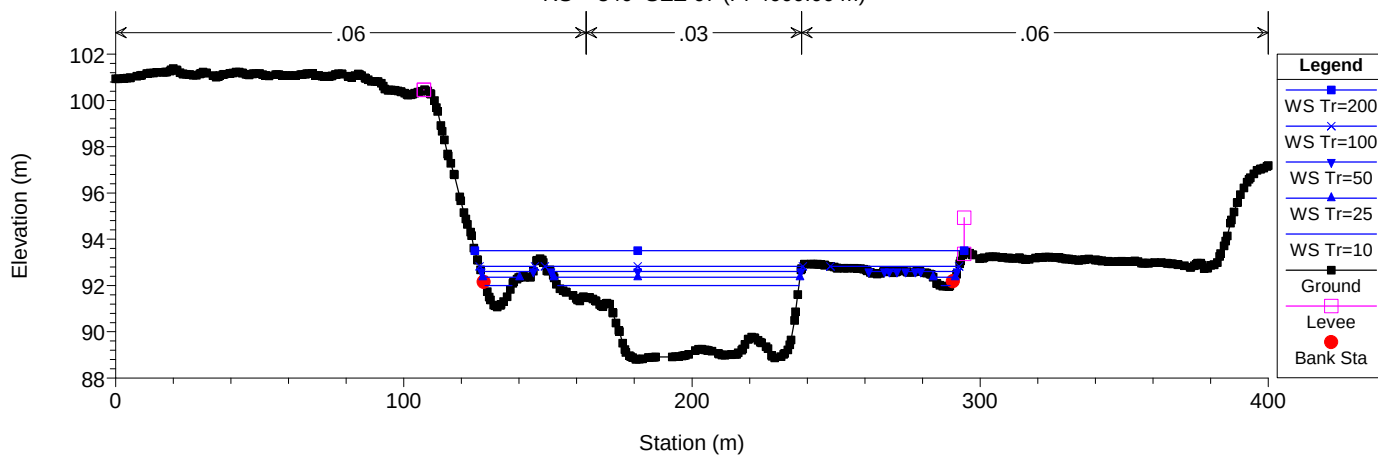
Cormor Udine Plan: Plan 02 10/7/2010
RS = 360 SEZ 65 (Pr 4350.00 m)



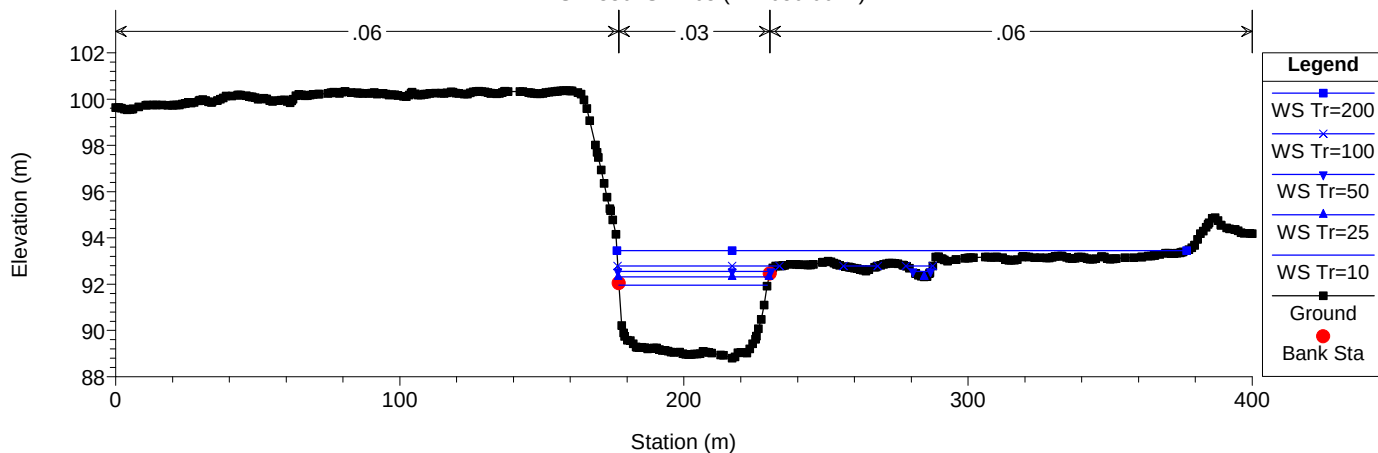
Cormor Udine Plan: Plan 02 10/7/2010
RS = 350 SEZ 66 (Pr 4500.00 m)



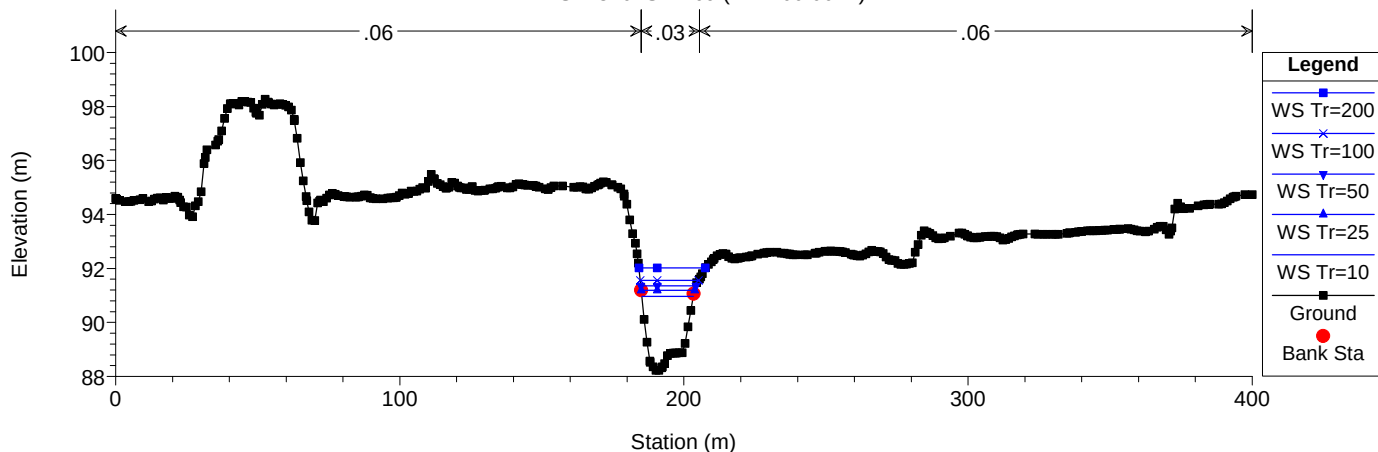
Cormor Udine Plan: Plan 02 10/7/2010
RS = 340 SEZ 67 (Pr 4600.00 m)



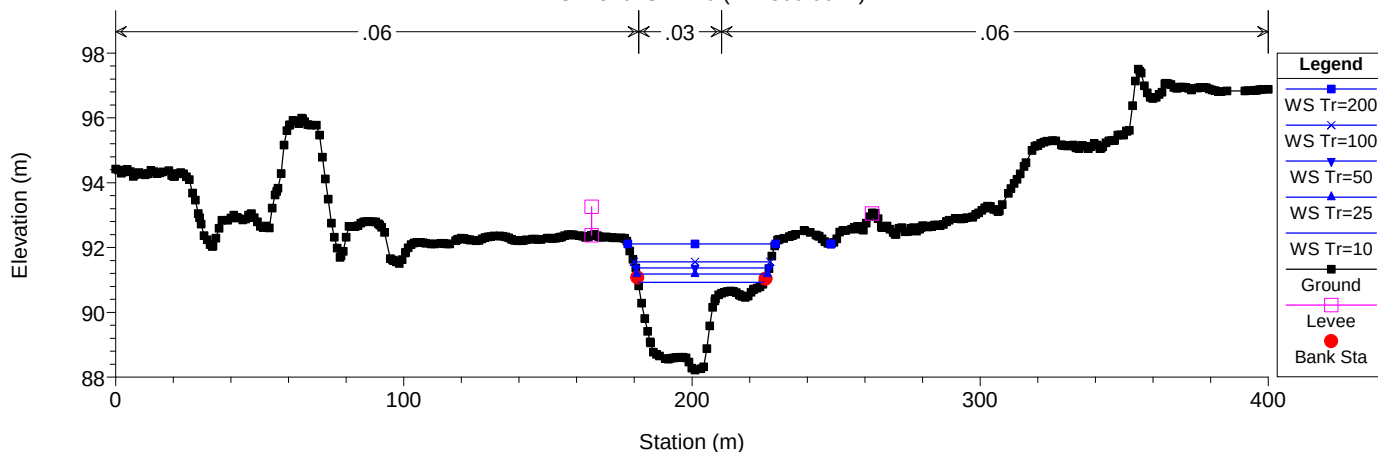
Cormor Udine Plan: Plan 02 10/7/2010
RS = 330 SEZ 68 (Pr 4650.00 m)



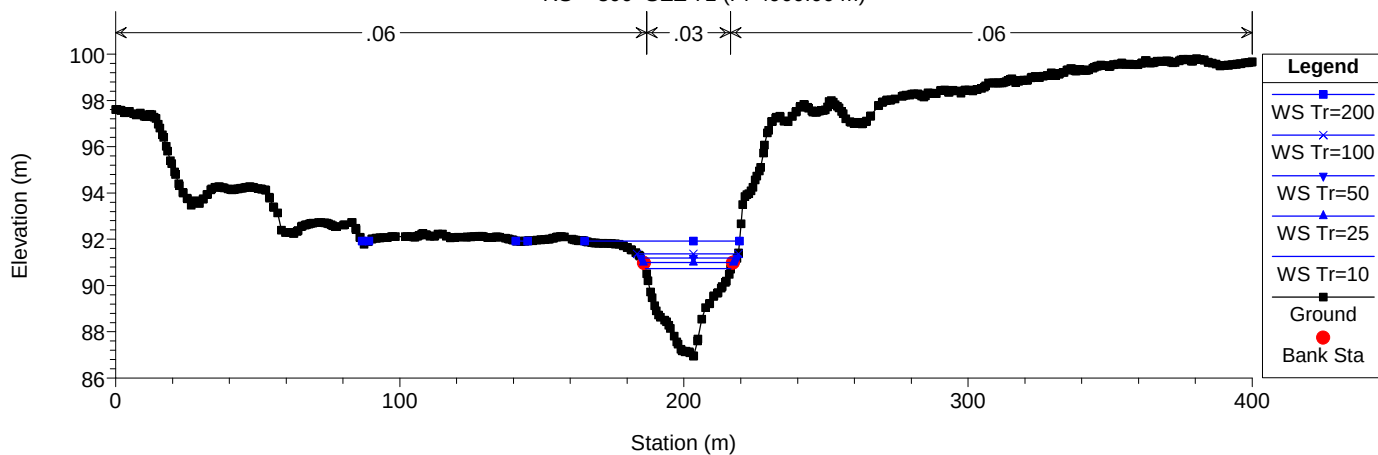
Cormor Udine Plan: Plan 02 10/7/2010
RS = 320 SEZ 69 (Pr 4700.00 m)



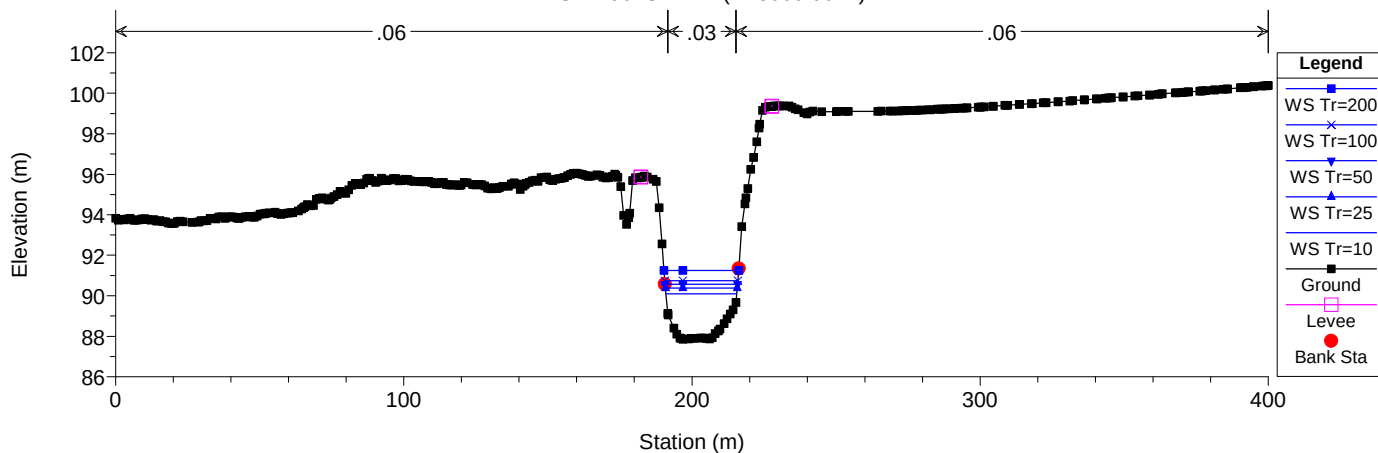
Cormor Udine Plan: Plan 02 10/7/2010
RS = 310 SEZ 70 (Pr 4800.00 m)



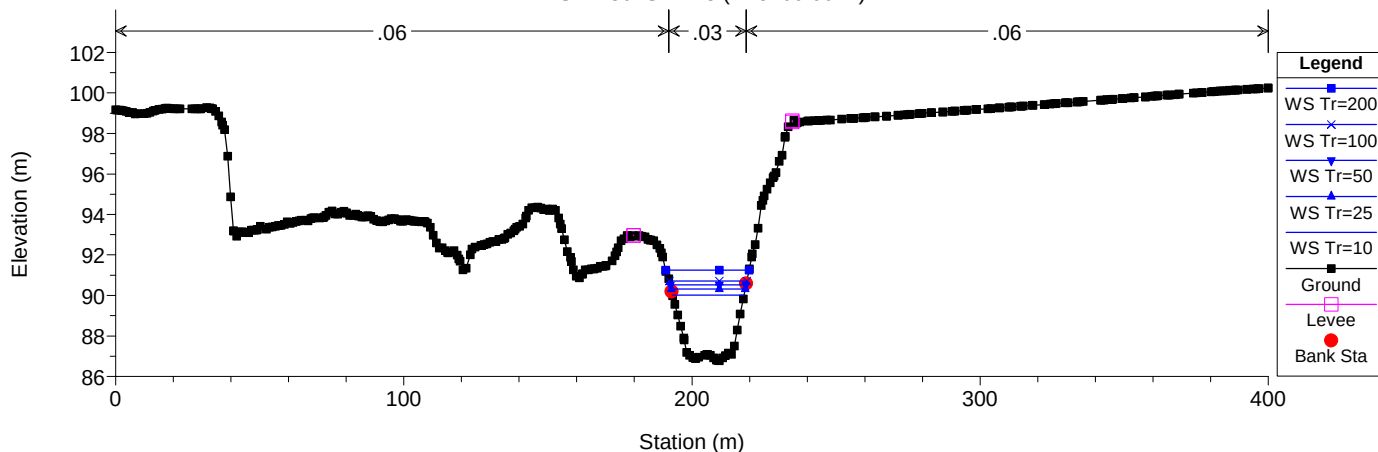
Cormor Udine Plan: Plan 02 10/7/2010
RS = 300 SEZ 71 (Pr 4900.00 m)



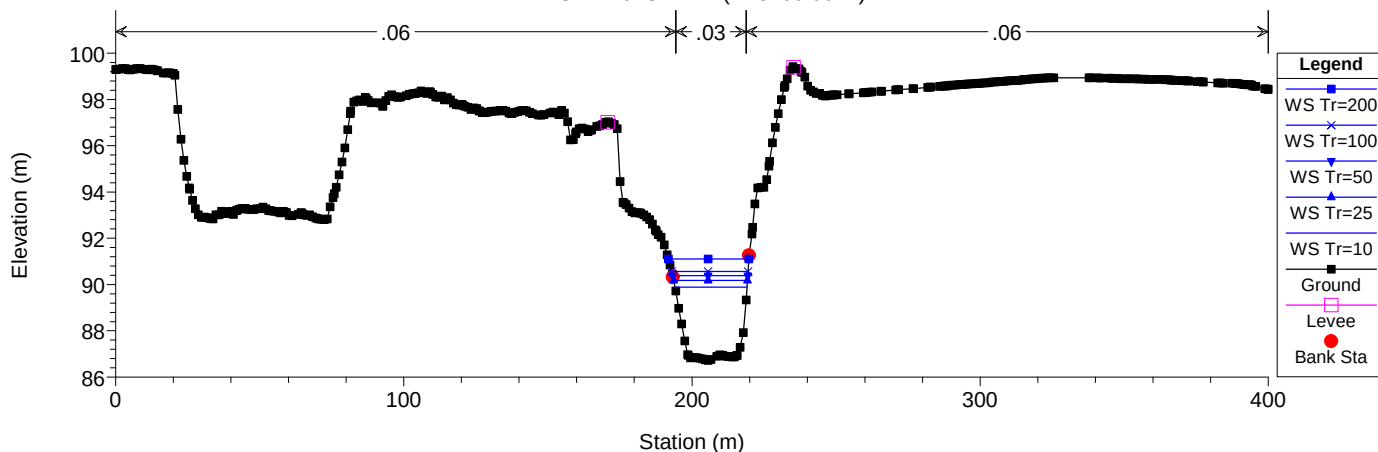
Cormor Udine Plan: Plan 02 10/7/2010
RS = 290 SEZ 72 (Pr 5000.00 m)



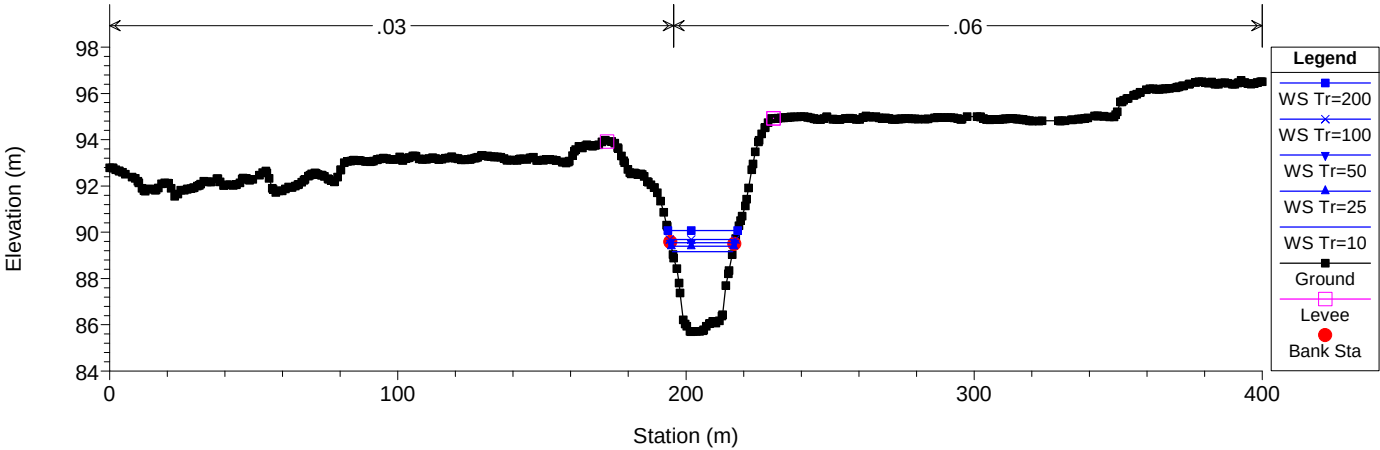
Cormor Udine Plan: Plan 02 10/7/2010
RS = 280 SEZ 73 (Pr 5100.00 m)



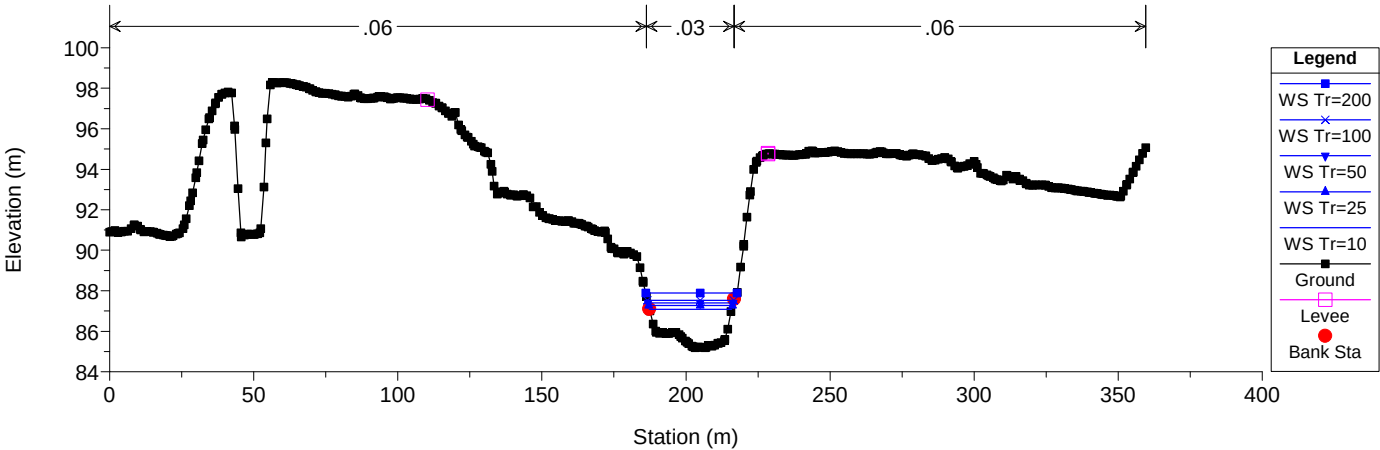
Cormor Udine Plan: Plan 02 10/7/2010
RS = 270 SEZ 74 (Pr 5200.00 m)



Cormor Udine Plan: Plan 02 10/7/2010
RS = 260 SEZ 75 (Pr 5400.00 m)



Cormor Udine Plan: Plan 02 10/7/2010
RS = 250 SEZ 76 (Pr 5600.00 m)



HEC-RAS Plan: Plan 02 River: Cormor Reach: 001

Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
001	2000	Tr=10	149.02	112.82	114.70	114.70	115.44	0.003603	3.82	39.13	27.22	1.00
001	2000	Tr=25	177.83	112.82	114.90	114.90	115.72	0.003400	4.03	44.43	27.78	1.00
001	2000	Tr=50	199.18	112.82	115.03	115.03	115.91	0.003306	4.18	48.10	28.16	1.00
001	2000	Tr=100	220.36	112.82	115.15	115.15	116.10	0.003262	4.33	51.48	28.51	1.00
001	2000	Tr=200	288.00	112.82	115.53	115.53	116.65	0.003033	4.71	62.50	29.61	0.99
001	1990	Tr=10	149.02	112.02	113.89		114.32	0.001930	3.00	64.14	69.85	0.76
001	1990	Tr=25	177.83	112.02	114.12		114.53	0.001623	3.00	80.74	74.45	0.71
001	1990	Tr=50	199.18	112.02	114.28		114.68	0.001454	3.00	92.66	76.83	0.68
001	1990	Tr=100	220.36	112.02	114.41		114.82	0.001372	3.05	103.29	82.48	0.67
001	1990	Tr=200	288.00	112.02	114.80		115.22	0.001212	3.20	136.68	89.41	0.65
001	1980	Tr=10	149.02	110.18	113.85		114.06	0.000453	2.24	125.00	125.19	0.40
001	1980	Tr=25	177.83	110.18	114.09		114.29	0.000441	2.32	157.48	162.78	0.40
001	1980	Tr=50	199.18	110.18	114.24		114.45	0.000444	2.39	184.36	183.23	0.41
001	1980	Tr=100	220.36	110.18	114.40		114.59	0.000409	2.37	213.81	186.15	0.39
001	1980	Tr=200	288.00	110.18	114.84		115.00	0.000342	2.34	300.57	200.69	0.37
001	1970	Tr=10	149.02	110.71	113.82	113.24	114.00	0.000585	2.15	123.80	118.99	0.44
001	1970	Tr=25	177.83	110.71	114.06	113.47	114.23	0.000523	2.16	153.40	125.94	0.42
001	1970	Tr=50	199.18	110.71	114.22	113.56	114.39	0.000494	2.19	173.85	127.83	0.41
001	1970	Tr=100	220.36	110.71	114.38	113.65	114.54	0.000463	2.19	193.72	128.83	0.40
001	1970	Tr=200	288.00	110.71	114.81	113.91	114.97	0.000407	2.25	249.95	130.97	0.39
001	1965		Bridge									
001	1960	Tr=10	149.02	110.45	113.75		113.82	0.000290	1.72	216.23	179.70	0.32
001	1960	Tr=25	177.83	110.45	113.96		114.03	0.000272	1.75	255.51	188.82	0.32
001	1960	Tr=50	199.18	110.45	114.10		114.18	0.000269	1.79	282.59	191.33	0.32
001	1960	Tr=100	220.36	110.45	114.24		114.31	0.000258	1.80	308.61	191.90	0.31
001	1960	Tr=200	288.00	110.45	114.63		114.70	0.000235	1.85	384.74	193.56	0.30
001	1950	Tr=10	149.02	110.35	113.70	112.85	113.77	0.000268	1.60	203.03	130.71	0.30
001	1950	Tr=25	177.83	110.35	113.91	112.94	113.98	0.000267	1.67	230.56	132.31	0.31
001	1950	Tr=50	199.18	110.35	114.05	113.02	114.12	0.000268	1.73	249.32	133.38	0.31
001	1950	Tr=100	220.36	110.35	114.18	113.09	114.26	0.000269	1.78	267.10	134.39	0.31
001	1950	Tr=200	288.00	110.35	114.57	113.27	114.65	0.000274	1.93	319.25	137.18	0.32
001	1945		Bridge									
001	1940	Tr=10	149.02	109.89	112.46	112.46	112.88	0.001542	3.15	82.88	118.03	0.69
001	1940	Tr=25	177.83	109.89	112.58	112.58	113.03	0.001605	3.34	97.78	118.96	0.71
001	1940	Tr=50	199.18	109.89	112.66	112.66	113.14	0.001660	3.48	107.47	119.57	0.73
001	1940	Tr=100	220.36	109.89	112.74	112.74	113.23	0.001702	3.60	116.72	120.14	0.74
001	1940	Tr=200	288.00	109.89	112.95	112.95	113.51	0.001860	3.98	142.00	121.94	0.79
001	1930	Tr=10	149.02	108.39	111.43	111.43	111.68	0.000975	2.75	153.79	281.67	0.56
001	1930	Tr=25	177.83	108.39	111.50	111.50	111.77	0.001100	2.97	172.67	282.25	0.59
001	1930	Tr=50	199.18	108.39	111.54	111.54	111.83	0.001189	3.13	185.11	282.60	0.62
001	1930	Tr=100	220.36	108.39	111.59	111.59	111.89	0.001235	3.23	199.34	283.00	0.63
001	1930	Tr=200	288.00	108.39	111.72	111.72	112.05	0.001427	3.58	235.38	284.02	0.69
001	1920	Tr=10	149.02	107.96	110.16	110.16	110.51	0.001999	3.32	113.42	194.97	0.78
001	1920	Tr=25	177.83	107.96	110.33	110.33	110.61	0.001635	3.19	150.73	234.65	0.71
001	1920	Tr=50	199.18	107.96	110.37	110.37	110.68	0.001763	3.36	161.54	241.25	0.74
001	1920	Tr=100	220.36	107.96	110.41	110.41	110.74	0.001889	3.52	171.62	246.42	0.77
001	1920	Tr=200	288.00	107.96	110.58	110.58	110.92	0.001955	3.77	214.02	261.51	0.80
001	1910	Tr=10	149.02	106.55	109.63	109.63	109.99	0.001233	2.94	103.60	231.21	0.62
001	1910	Tr=25	177.83	106.55	109.74	109.74	110.11	0.001272	3.08	130.52	255.00	0.64
001	1910	Tr=50	199.18	106.55	109.87	109.87	110.19	0.001113	2.99	166.08	275.24	0.60
001	1910	Tr=100	220.36	106.55	109.92	109.92	110.26	0.001171	3.11	180.95	279.99	0.62
001	1910	Tr=200	288.00	106.55	110.08	110.08	110.43	0.001283	3.38	224.07	281.68	0.66
001	1900	Tr=10	149.02	106.25	109.13		109.50	0.001554	3.17	112.49	209.69	0.69
001	1900	Tr=25	177.83	106.25	109.21		109.62	0.001769	3.45	127.66	224.16	0.74
001	1900	Tr=50	199.18	106.25	109.24		109.70	0.001983	3.70	136.14	236.25	0.79
001	1900	Tr=100	220.36	106.25	109.25		109.80	0.002383	4.06	137.57	238.41	0.86
001	1900	Tr=200	288.00	106.25	109.52		109.91	0.001769	3.78	209.37	266.18	0.76
001	1890	Tr=10	149.02	106.23	109.00	109.00	109.30	0.001538	2.85	118.32	225.54	0.68
001	1890	Tr=25	177.83	106.23	109.12	109.12	109.40	0.001475	2.91	144.59	233.32	0.67
001	1890	Tr=50	199.18	106.23	109.17	109.17	109.46	0.001514	3.00	158.31	233.88	0.68
001	1890	Tr=100	220.36	106.23	109.22	109.22	109.53	0.001592	3.13	169.13	234.32	0.70
001	1890	Tr=200	288.00	106.23	109.50		109.73	0.001208	2.97	235.01	239.19	0.63
001	1880	Tr=10	149.02	105.77	108.51		108.64	0.000548	1.89	159.38	187.27	0.42
001	1880	Tr=25	177.83	105.77	108.89		108.97	0.000317	1.61	232.80	197.80	0.33
001	1880	Tr=50	199.18	105.77	109.01		109.09	0.000309	1.64	256.74	198.89	0.32
001	1880	Tr=100	220.36	105.77	109.16		109.23	0.000285	1.63	285.66	200.27	0.31
001	1880	Tr=200	288.00	105.77	109.55		109.63	0.000247	1.66	365.99	205.42	0.30
001	990	Tr=10	149.02	104.58	108.30	107.22	108.55	0.001378	2.32	89.56	68.44	0.44

HEC-RAS Plan: Plan 02 River: Cormor Reach: 001 (Continued)

Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
001	990	Tr=25	177.83	104.58	108.68	107.53	108.91	0.001124	2.28	115.80	70.01	0.41
001	990	Tr=50	199.18	104.58	108.76	107.72	109.02	0.001267	2.46	121.85	77.48	0.44
001	990	Tr=100	220.36	104.58	108.88	108.04	109.16	0.001344	2.59	130.99	80.79	0.45
001	990	Tr=200	288.00	104.58	109.21	108.40	109.55	0.001502	2.92	158.29	83.54	0.48
001	980	Tr=10	149.02	103.92	107.17	107.13	108.20	0.007560	4.51	33.32	17.95	0.97
001	980	Tr=25	177.83	103.92	107.47	107.47	108.59	0.007040	4.70	39.35	22.73	0.95
001	980	Tr=50	199.18	103.92	108.12	108.12	108.79	0.003348	3.79	80.44	87.26	0.68
001	980	Tr=100	220.36	103.92	108.25	108.25	108.92	0.003325	3.88	91.62	87.52	0.69
001	980	Tr=200	288.00	103.92	108.57	108.57	109.30	0.003443	4.20	119.84	88.18	0.71
001	970	Tr=10	149.02	104.15	107.07	106.42	107.57	0.003230	3.12	47.73	20.31	0.65
001	970	Tr=25	177.83	104.15	107.11	106.67	107.80	0.004351	3.66	48.64	20.41	0.76
001	970	Tr=50	199.18	104.15	107.10	106.84	107.97	0.005562	4.12	48.33	20.38	0.85
001	970	Tr=100	220.36	104.15	107.03	107.01	108.15	0.007406	4.69	46.96	20.24	0.98
001	970	Tr=200	288.00	104.15	107.77	107.77	108.79	0.005701	4.52	70.85	52.89	0.88
001	960	Tr=10	149.02	103.73	107.15		107.24	0.000759	1.43	162.21	202.95	0.32
001	960	Tr=25	177.83	103.73	107.29		107.39	0.000774	1.51	193.00	218.05	0.33
001	960	Tr=50	199.18	103.73	107.38		107.48	0.000807	1.58	211.50	222.29	0.34
001	960	Tr=100	220.36	103.73	107.46		107.57	0.000848	1.66	228.71	225.76	0.35
001	960	Tr=200	288.00	103.73	107.68		107.81	0.000911	1.83	280.68	228.75	0.37
001	950	Tr=10	149.02	102.76	106.89		107.12	0.001513	2.25	115.16	243.36	0.46
001	950	Tr=25	177.83	102.76	107.02		107.27	0.001627	2.42	148.21	275.80	0.48
001	950	Tr=50	199.18	102.76	107.13		107.36	0.001492	2.39	181.19	276.29	0.47
001	950	Tr=100	220.36	102.76	107.24		107.45	0.001408	2.38	209.52	276.70	0.46
001	950	Tr=200	288.00	102.76	107.51		107.70	0.001254	2.39	286.38	277.56	0.44
001	940	Tr=10	149.02	103.06	106.47	106.07	106.98	0.004134	3.27	64.99	124.53	0.73
001	940	Tr=25	177.83	103.06	106.71	106.71	107.14	0.003266	3.13	100.67	151.32	0.66
001	940	Tr=50	199.18	103.06	106.82	106.82	107.24	0.003216	3.20	116.32	155.19	0.66
001	940	Tr=100	220.36	103.06	106.89	106.89	107.32	0.003275	3.30	128.19	155.31	0.67
001	940	Tr=200	288.00	103.06	107.09	107.09	107.57	0.003593	3.63	158.54	155.61	0.71
001	930	Tr=10	149.02	103.23	106.38	105.61	106.63	0.001828	2.30	90.92	109.73	0.50
001	930	Tr=25	177.83	103.23	106.51	105.96	106.79	0.002026	2.52	104.82	117.14	0.54
001	930	Tr=50	199.18	103.23	106.58	106.14	106.90	0.002176	2.67	114.05	120.85	0.56
001	930	Tr=100	220.36	103.23	106.65	106.27	107.00	0.002348	2.82	122.32	126.09	0.58
001	930	Tr=200	288.00	103.23	107.17	106.63	107.29	0.000919	2.01	371.73	400.00	0.38
001	920	Tr=10	149.02	102.84	105.98	105.92	106.48	0.004022	3.24	66.72	109.23	0.72
001	920	Tr=25	177.83	102.84	106.24	106.20	106.66	0.003190	3.12	97.99	132.25	0.66
001	920	Tr=50	199.18	102.84	106.39	106.29	106.77	0.002844	3.07	118.31	136.97	0.63
001	920	Tr=100	220.36	102.84	106.52	106.39	106.88	0.002581	3.04	136.98	137.93	0.60
001	920	Tr=200	288.00	102.84	106.90	106.60	107.21	0.002075	2.99	189.75	137.93	0.55
001	910	Tr=10	149.02	103.02	105.74	105.25	106.12	0.002609	2.80	71.00	78.82	0.61
001	910	Tr=25	177.83	103.02	106.01	105.55	106.37	0.002271	2.82	97.18	124.04	0.58
001	910	Tr=50	199.18	103.02	106.16	105.74	106.52	0.002129	2.84	116.92	129.51	0.56
001	910	Tr=100	220.36	103.02	106.31	105.91	106.65	0.001955	2.83	136.56	131.82	0.54
001	910	Tr=200	288.00	103.02	106.72	106.29	107.02	0.001650	2.85	191.32	137.56	0.51
001	900	Tr=10	149.02	102.56	104.87	104.86	105.66	0.007878	3.93	37.95	23.93	0.99
001	900	Tr=25	177.83	102.56	105.10	105.10	105.95	0.007309	4.09	44.30	34.09	0.98
001	900	Tr=50	199.18	102.56	105.34	105.34	106.14	0.005881	3.99	54.99	53.54	0.89
001	900	Tr=100	220.36	102.56	105.51	105.51	106.30	0.005270	3.99	65.09	63.79	0.86
001	900	Tr=200	288.00	102.56	105.92	105.92	106.72	0.004529	4.14	95.03	80.83	0.82
001	890	Tr=10	149.02	100.67	105.33	102.71	105.40	0.000257	1.20	135.87	92.95	0.20
001	890	Tr=25	177.83	100.67	105.59	102.90	105.68	0.000280	1.31	163.81	123.26	0.21
001	890	Tr=50	199.18	100.67	105.73	103.02	105.83	0.000303	1.39	183.05	142.34	0.22
001	890	Tr=100	220.36	100.67	105.86	103.15	105.96	0.000324	1.47	201.17	146.54	0.23
001	890	Tr=200	288.00	100.67	106.28	103.52	106.41	0.000350	1.63	270.37	168.19	0.24
001	880	Tr=10	149.02	100.54	105.16		105.37	0.000945	2.03	82.65	87.27	0.37
001	880	Tr=25	177.83	100.54	105.41		105.64	0.000970	2.16	114.88	189.78	0.38
001	880	Tr=50	199.18	100.54	105.56		105.79	0.000963	2.22	149.69	267.03	0.38
001	880	Tr=100	220.36	100.54	105.70		105.92	0.000915	2.23	190.81	289.17	0.38
001	880	Tr=200	288.00	100.54	106.25		106.38	0.000572	1.94	351.52	293.52	0.30
001	870	Tr=10	149.02	104.53	105.10	103.59	105.25	0.007109	0.61	89.51	115.00	0.61
001	870	Tr=25	177.83	104.53	105.42	103.94	105.51	0.003987	0.97	136.54	170.22	0.55
001	870	Tr=50	199.18	104.53	105.59	104.09	105.66	0.002814	1.07	166.35	174.48	0.50
001	870	Tr=100	220.36	104.53	105.74	104.23	105.81	0.002142	1.13	193.39	175.94	0.45
001	870	Tr=200	288.00	104.53	106.27	105.27	106.32	0.000985	1.14	287.13	180.42	0.34
001	860	Tr=10	149.02	100.36	104.66	103.42	105.05	0.002059	2.77	55.14	45.63	0.53
001	860	Tr=25	177.83	100.36	104.87	103.74	105.33	0.002234	3.03	72.20	126.99	0.56
001	860	Tr=50	199.18	100.36	105.12	103.94	105.52	0.001865	2.92	110.19	161.05	0.52
001	860	Tr=100	220.36	100.36	105.40	104.15	105.70	0.001405	2.68	157.45	176.11	0.45
001	860	Tr=200	288.00	100.36	106.11	105.35	106.27	0.000752	2.21	284.16	180.76	0.34

HEC-RAS Plan: Plan 02 River: Cormor Reach: 001 (Continued)

Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
001	850	Tr=10	149.02	100.44	104.48	103.47	104.92	0.003325	2.94	50.66	25.07	0.65
001	850	Tr=25	177.83	100.44	104.63	104.05	105.18	0.003762	3.26	55.23	33.86	0.70
001	850	Tr=50	199.18	100.44	104.77	104.22	105.37	0.003863	3.44	60.08	39.17	0.71
001	850	Tr=100	220.36	100.44	104.92	104.40	105.56	0.003785	3.55	66.51	46.08	0.71
001	850	Tr=200	288.00	100.44	105.59	104.91	106.16	0.002626	3.46	108.86	76.98	0.62
001	840	Tr=10	149.02	99.87	104.17	103.42	104.75	0.002812	3.45	58.92	84.76	0.62
001	840	Tr=25	177.83	99.87	104.62		105.00	0.001847	3.05	132.17	215.61	0.51
001	840	Tr=50	199.18	99.87	104.94		105.16	0.001159	2.55	205.33	236.80	0.41
001	840	Tr=100	220.36	99.87	105.18		105.33	0.000854	2.28	264.11	242.56	0.36
001	840	Tr=200	288.00	99.87	105.90		105.97	0.000413	1.76	441.06	246.71	0.25
001	830	Tr=10	149.02	99.71	104.41	102.69	104.54	0.000648	1.61	107.66	91.09	0.31
001	830	Tr=25	177.83	99.71	104.73	102.95	104.86	0.000596	1.66	138.68	100.45	0.30
001	830	Tr=50	199.18	99.71	104.95	103.23	105.08	0.000560	1.68	160.59	101.18	0.30
001	830	Tr=100	220.36	99.71	105.15	103.34	105.28	0.000529	1.70	181.42	101.88	0.29
001	830	Tr=200	288.00	99.71	105.81	103.68	105.94	0.000430	1.73	249.46	104.44	0.27
001	825		Bridge									
001	820	Tr=10	149.02	100.22	103.83	102.97	104.30	0.003371	3.05	48.87	22.41	0.66
001	820	Tr=25	177.83	100.22	104.06	103.25	104.61	0.003612	3.29	54.09	23.29	0.69
001	820	Tr=50	199.18	100.22	104.20	103.46	104.81	0.003763	3.46	57.54	23.82	0.71
001	820	Tr=100	220.36	100.22	104.34	103.79	105.01	0.003924	3.63	60.71	24.30	0.73
001	820	Tr=200	288.00	100.22	104.91	104.25	105.67	0.003387	3.86	75.21	26.18	0.70
001	810	Tr=10	149.02	99.91	103.72	102.90	104.21	0.003090	3.12	47.74	19.73	0.64
001	810	Tr=25	177.83	99.91	103.88	103.18	104.50	0.003524	3.48	51.15	20.85	0.69
001	810	Tr=50	199.18	99.91	103.97	103.39	104.70	0.003966	3.78	52.97	21.48	0.73
001	810	Tr=100	220.36	99.91	104.01	103.60	104.87	0.004647	4.12	53.73	21.73	0.80
001	810	Tr=200	288.00	99.91	104.10	104.10	105.48	0.007064	5.20	55.86	22.30	0.99
001	800	Tr=10	149.02	99.86	103.60	103.01	103.98	0.002419	2.84	69.00	73.96	0.58
001	800	Tr=25	177.83	99.86	103.79	103.26	104.23	0.002586	3.09	86.72	116.98	0.61
001	800	Tr=50	199.18	99.86	103.92	103.43	104.39	0.002634	3.22	103.24	135.31	0.62
001	800	Tr=100	220.36	99.86	104.08	103.66	104.50	0.002364	3.16	124.84	136.45	0.59
001	800	Tr=200	288.00	99.86	104.50	104.21	104.86	0.001888	3.09	183.07	139.07	0.54
001	790	Tr=10	149.02	99.98	103.66		103.84	0.001059	2.04	119.04	144.69	0.40
001	790	Tr=25	177.83	99.98	103.90		104.08	0.000955	2.05	159.74	198.56	0.38
001	790	Tr=50	199.18	99.98	104.06		104.22	0.000910	2.07	191.81	222.08	0.37
001	790	Tr=100	220.36	99.98	104.20		104.36	0.000845	2.06	224.55	227.81	0.36
001	790	Tr=200	288.00	99.98	104.60		104.74	0.000705	2.03	317.12	232.04	0.34
001	780	Tr=10	149.02	99.55	103.20	102.79	103.73	0.003272	3.30	61.42	72.60	0.66
001	780	Tr=25	177.83	99.55	103.39	103.29	103.96	0.003378	3.52	75.48	79.22	0.68
001	780	Tr=50	199.18	99.55	103.53	103.45	104.10	0.003332	3.61	86.60	81.73	0.68
001	780	Tr=100	220.36	99.55	103.64	103.56	104.24	0.003370	3.73	95.90	83.27	0.69
001	780	Tr=200	288.00	99.55	103.87	103.87	104.61	0.003947	4.24	115.59	85.89	0.76
001	770	Tr=10	149.02	99.35	103.10		103.55	0.002881	3.15	70.11	84.88	0.62
001	770	Tr=25	177.83	99.35	103.31		103.77	0.002775	3.26	90.75	105.43	0.62
001	770	Tr=50	199.18	99.35	103.43		103.92	0.002872	3.41	105.36	139.02	0.63
001	770	Tr=100	220.36	99.35	103.55		104.05	0.002902	3.51	122.80	159.53	0.64
001	770	Tr=200	288.00	99.35	103.99		104.35	0.002116	3.28	195.37	194.19	0.56
001	760	Tr=10	149.02	99.15	102.77		103.36	0.004401	3.61	60.98	65.80	0.74
001	760	Tr=25	177.83	99.15	103.20		103.62	0.002784	3.21	96.51	122.06	0.61
001	760	Tr=50	199.18	99.15	103.37		103.76	0.002552	3.19	118.48	139.82	0.59
001	760	Tr=100	220.36	99.15	103.51		103.88	0.002373	3.17	140.01	154.21	0.57
001	760	Tr=200	288.00	99.15	103.94		104.23	0.001851	3.05	211.98	182.42	0.51
001	750	Tr=10	149.02	99.97	102.90	102.00	103.14	0.001400	2.28	81.43	74.80	0.45
001	750	Tr=25	177.83	99.97	103.24	102.21	103.48	0.001187	2.28	110.70	88.46	0.43
001	750	Tr=50	199.18	99.97	103.38	102.35	103.63	0.001221	2.39	122.76	89.56	0.44
001	750	Tr=100	220.36	99.97	103.49	102.47	103.76	0.001277	2.50	133.08	91.23	0.45
001	750	Tr=200	288.00	99.97	103.82	102.88	104.15	0.001394	2.79	163.71	92.97	0.48
001	740	Tr=10	149.02	99.45	102.19	102.03	102.96	0.005989	3.92	38.92	23.98	0.88
001	740	Tr=25	177.83	99.45	102.31	102.31	103.28	0.007027	4.39	42.06	28.96	0.96
001	740	Tr=50	199.18	99.45	102.79	102.79	103.48	0.004184	3.80	70.43	79.46	0.76
001	740	Tr=100	220.36	99.45	102.95	102.95	103.62	0.003921	3.80	83.57	82.24	0.74
001	740	Tr=200	288.00	99.45	103.26	103.26	104.00	0.003987	4.11	109.59	83.33	0.76
001	730	Tr=10	149.02	99.04	102.27	101.41	102.53	0.001603	2.38	88.73	101.22	0.48
001	730	Tr=25	177.83	99.04	102.54	101.61	102.79	0.001451	2.43	121.07	128.73	0.46
001	730	Tr=50	199.18	99.04	102.69	101.81	102.95	0.001379	2.45	141.65	130.86	0.46
001	730	Tr=100	220.36	99.04	102.87	101.82	103.10	0.001249	2.43	164.40	131.87	0.44
001	730	Tr=200	288.00	99.04	103.26	102.59	103.49	0.001143	2.51	216.94	133.64	0.43
001	720	Tr=10	149.02	98.55	102.23	101.16	102.44	0.001475	2.09	90.88	92.18	0.45
001	720	Tr=25	177.83	98.55	102.50	101.45	102.71	0.001303	2.13	118.70	113.14	0.43
001	720	Tr=50	199.18	98.55	102.66	101.63	102.87	0.001256	2.18	136.95	121.85	0.43

HEC-RAS Plan: Plan 02 River: Cormor Reach: 001 (Continued)

Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
001	720	Tr=100	220.36	98.55	102.83	101.80	103.03	0.001143	2.17	158.18	122.95	0.41
001	720	Tr=200	288.00	98.55	103.22	102.27	103.43	0.001066	2.28	209.49	133.06	0.41
001	710	Tr=10	149.02	98.61	102.01		102.34	0.002164	2.66	77.99	80.42	0.55
001	710	Tr=25	177.83	98.61	102.32		102.62	0.001823	2.65	117.83	147.72	0.51
001	710	Tr=50	199.18	98.61	102.56		102.80	0.001423	2.48	153.06	149.46	0.46
001	710	Tr=100	220.36	98.61	102.77		102.98	0.001169	2.35	185.72	162.07	0.42
001	710	Tr=200	288.00	98.61	103.18		103.37	0.001066	2.43	262.53	243.74	0.41
001	700	Tr=10	149.02	98.27	102.03		102.21	0.001243	2.00	117.37	162.93	0.42
001	700	Tr=25	177.83	98.27	102.37		102.51	0.000920	1.88	185.18	231.37	0.37
001	700	Tr=50	199.18	98.27	102.60		102.71	0.000701	1.74	239.35	239.01	0.33
001	700	Tr=100	220.36	98.27	102.81		102.90	0.000562	1.63	290.34	242.43	0.30
001	700	Tr=200	288.00	98.27	103.23		103.30	0.000463	1.61	391.33	243.80	0.27
001	690	Tr=10	149.02	98.41	102.00		102.15	0.000991	1.84	132.99	151.37	0.38
001	690	Tr=25	177.83	98.41	102.35		102.46	0.000710	1.70	186.22	153.16	0.33
001	690	Tr=50	199.18	98.41	102.57		102.68	0.000600	1.65	220.93	154.60	0.30
001	690	Tr=100	220.36	98.41	102.78		102.87	0.000528	1.62	253.06	156.60	0.29
001	690	Tr=200	288.00	98.41	103.18		103.28	0.000512	1.72	316.37	161.64	0.29
001	680	Tr=10	149.02	98.05	101.77		102.01	0.001623	2.22	77.18	55.78	0.48
001	680	Tr=25	177.83	98.05	102.12		102.35	0.001350	2.23	100.26	90.41	0.44
001	680	Tr=50	199.18	98.05	102.35		102.58	0.001181	2.21	128.50	137.37	0.42
001	680	Tr=100	220.36	98.05	102.57		102.79	0.001049	2.19	160.20	151.88	0.40
001	680	Tr=200	288.00	98.05	102.99		103.20	0.000954	2.28	227.05	171.37	0.39
001	670	Tr=10	149.02	98.02	101.19		101.85	0.004333	3.60	41.37	17.45	0.75
001	670	Tr=25	177.83	98.02	101.39	100.96	102.18	0.005167	3.94	45.32	24.48	0.82
001	670	Tr=50	199.18	98.02	101.51	101.18	102.40	0.005640	4.18	48.89	32.62	0.86
001	670	Tr=100	220.36	98.02	101.62	101.47	102.61	0.005914	4.41	52.79	39.40	0.89
001	670	Tr=200	288.00	98.02	102.49	102.49	103.08	0.002788	3.69	142.92	174.62	0.64
001	660	Tr=10	149.02	97.56	101.18	100.39	101.61	0.002750	2.91	51.29	22.68	0.61
001	660	Tr=25	177.83	97.56	101.39	100.63	101.91	0.002905	3.17	56.41	24.16	0.63
001	660	Tr=50	199.18	97.56	101.53	100.81	102.11	0.003081	3.38	59.65	25.04	0.66
001	660	Tr=100	220.36	97.56	101.64	100.99	102.29	0.003275	3.58	62.56	25.64	0.68
001	660	Tr=200	288.00	97.56	101.93	101.45	102.84	0.004017	4.23	70.62	31.99	0.77
001	650	Tr=10	149.02	97.38	101.00	100.17	101.34	0.002076	2.65	64.11	45.72	0.54
001	650	Tr=25	177.83	97.38	101.24	100.41	101.63	0.002075	2.82	75.79	50.78	0.55
001	650	Tr=50	199.18	97.38	101.38	100.59	101.81	0.002138	2.96	83.35	54.81	0.56
001	650	Tr=100	220.36	97.38	101.50	100.81	101.97	0.002237	3.12	90.36	60.89	0.58
001	650	Tr=200	288.00	97.38	101.89	101.24	102.43	0.002292	3.43	114.27	61.83	0.60
001	640	Tr=10	149.02	97.57	100.68	100.19	101.19	0.003443	3.21	51.17	41.87	0.68
001	640	Tr=25	177.83	97.57	100.89	100.43	101.47	0.003526	3.45	61.78	56.48	0.70
001	640	Tr=50	199.18	97.57	101.04	100.68	101.65	0.003485	3.56	70.36	57.77	0.70
001	640	Tr=100	220.36	97.57	101.16	100.95	101.81	0.003515	3.69	77.70	58.71	0.71
001	640	Tr=200	288.00	97.57	101.46	101.33	102.26	0.003909	4.17	95.75	62.34	0.76
001	630	Tr=10	149.02	96.79	100.43	99.65	100.84	0.003071	2.85	54.44	37.02	0.64
001	630	Tr=25	177.83	96.79	100.64	100.09	101.11	0.003104	3.06	62.64	44.46	0.65
001	630	Tr=50	199.18	96.79	100.77	100.24	101.29	0.003218	3.23	70.37	74.94	0.67
001	630	Tr=100	220.36	96.79	100.90	100.41	101.45	0.003169	3.33	80.79	80.12	0.67
001	630	Tr=200	288.00	96.79	101.22	101.01	101.85	0.003295	3.67	106.86	84.81	0.70
001	620	Tr=10	149.02	96.67	100.03	99.50	100.52	0.003150	3.17	59.61	53.69	0.65
001	620	Tr=25	177.83	96.67	100.27	99.92	100.79	0.003082	3.34	73.57	69.20	0.65
001	620	Tr=50	199.18	96.67	100.45	100.09	100.98	0.002965	3.42	87.04	79.10	0.65
001	620	Tr=100	220.36	96.67	100.45	100.17	101.10	0.003593	3.77	87.52	79.12	0.71
001	620	Tr=200	288.00	96.67	100.73	100.73	101.48	0.003918	4.19	109.77	80.03	0.76
001	610	Tr=10	149.02	96.64	99.75	99.34	100.33	0.004237	3.38	48.03	44.25	0.74
001	610	Tr=25	177.83	96.64	99.89	99.71	100.59	0.004736	3.73	55.31	56.47	0.79
001	610	Tr=50	199.18	96.64	99.98	99.98	100.76	0.005117	3.98	60.79	68.57	0.83
001	610	Tr=100	220.36	96.64	100.27	100.27	100.91	0.003807	3.71	87.63	121.50	0.73
001	610	Tr=200	288.00	96.64	100.70	100.70	101.25	0.003040	3.67	154.26	193.15	0.67
001	600	Tr=10	149.02	96.27	99.68	99.01	100.12	0.002735	2.96	57.24	60.58	0.62
001	600	Tr=25	177.83	96.27	99.82	99.24	100.35	0.003133	3.29	67.16	90.23	0.67
001	600	Tr=50	199.18	96.27	99.90	99.49	100.50	0.003423	3.51	75.64	114.47	0.70
001	600	Tr=100	220.36	96.27	99.98	99.92	100.64	0.003635	3.70	86.28	138.98	0.72
001	600	Tr=200	288.00	96.27	100.41	100.41	100.94	0.002775	3.57	156.24	185.13	0.65
001	590	Tr=10	149.02	96.01	99.53	98.62	99.88	0.001842	2.74	75.72	114.70	0.52
001	590	Tr=25	177.83	96.01	99.64	99.02	100.07	0.002209	3.08	91.58	165.80	0.57
001	590	Tr=50	199.18	96.01	99.73	99.22	100.19	0.002324	3.22	107.95	177.34	0.59
001	590	Tr=100	220.36	96.01	99.83	99.41	100.31	0.002393	3.34	125.20	183.62	0.60
001	590	Tr=200	288.00	96.01	100.11	100.11	100.59	0.002426	3.56	179.62	198.85	0.61
001	580	Tr=10	149.02	98.19	99.30	98.77	99.46	0.008621	2.38	98.19	142.20	0.92
001	580	Tr=25	177.83	98.19	99.50	99.01	99.64	0.005356	2.22	126.47	144.84	0.76

HEC-RAS Plan: Plan 02 River: Cormor Reach: 001 (Continued)

Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
001	580	Tr=50	199.18	98.19	99.62	99.11	99.77	0.004519	2.23	145.58	157.07	0.71
001	580	Tr=100	220.36	98.19	99.74	99.19	99.89	0.003982	2.25	164.99	166.26	0.68
001	580	Tr=200	288.00	98.19	100.10	99.28	100.21	0.002390	2.08	241.92	191.03	0.55
001	570	Tr=10	149.02	95.32	98.86	98.25	99.23	0.002528	2.84	76.79	81.79	0.58
001	570	Tr=25	177.83	95.32	99.00	98.76	99.43	0.002752	3.08	88.94	86.89	0.61
001	570	Tr=50	199.18	95.32	99.13	98.90	99.56	0.002767	3.19	99.65	89.05	0.62
001	570	Tr=100	220.36	95.32	99.24	98.97	99.69	0.002759	3.27	110.22	91.19	0.62
001	570	Tr=200	288.00	95.32	99.54	99.34	100.04	0.002909	3.59	137.95	95.82	0.65
001	560	Tr=10	149.02	95.00	97.96	97.96	98.96	0.007973	4.43	33.67	16.81	1.00
001	560	Tr=25	177.83	95.00	98.63	98.63	99.24	0.003981	3.61	70.96	86.12	0.73
001	560	Tr=50	199.18	95.00	98.77	98.77	99.38	0.003839	3.68	83.40	89.20	0.72
001	560	Tr=100	220.36	95.00	98.88	98.88	99.51	0.003856	3.78	93.34	91.99	0.73
001	560	Tr=200	288.00	95.00	99.20	99.20	99.86	0.003791	4.04	124.50	99.49	0.73
001	550	Tr=10	149.02	95.35	98.00	97.82	98.27	0.002760	2.56	97.04	129.03	0.60
001	550	Tr=25	177.83	95.35	98.15	97.96	98.43	0.002676	2.66	116.42	131.43	0.60
001	550	Tr=50	199.18	95.35	98.24	98.04	98.53	0.002728	2.76	127.72	132.63	0.61
001	550	Tr=100	220.36	95.35	98.35	98.12	98.63	0.002579	2.78	142.73	134.21	0.60
001	550	Tr=200	288.00	95.35	98.87	98.32	99.08	0.001595	2.52	215.76	145.16	0.49
001	545	Bridge										
001	540	Tr=10	149.02	95.02	97.76		97.99	0.001801	2.32	109.01	140.15	0.50
001	540	Tr=25	177.83	95.02	98.00		98.21	0.001563	2.31	143.66	152.44	0.47
001	540	Tr=50	199.18	95.02	98.14		98.34	0.001437	2.30	166.13	158.76	0.46
001	540	Tr=100	220.36	95.02	98.30		98.48	0.001295	2.27	191.59	164.01	0.44
001	540	Tr=200	288.00	95.02	98.85		98.99	0.000855	2.09	285.76	181.79	0.37
001	530	Tr=10	149.02	95.05	97.81		97.89	0.000784	1.44	167.81	169.46	0.33
001	530	Tr=25	177.83	95.05	98.04		98.12	0.000706	1.47	209.10	188.44	0.32
001	530	Tr=50	199.18	95.05	98.18		98.26	0.000665	1.49	236.45	202.18	0.31
001	530	Tr=100	220.36	95.05	98.33		98.41	0.000614	1.49	269.47	232.07	0.30
001	530	Tr=200	288.00	95.05	98.87		98.93	0.000404	1.38	411.45	319.18	0.25
001	520	Tr=10	149.02	93.99	97.48		97.72	0.001469	2.34	107.14	139.38	0.46
001	520	Tr=25	177.83	93.99	97.70		97.95	0.001490	2.48	147.10	224.50	0.47
001	520	Tr=50	199.18	93.99	97.91		98.11	0.001182	2.32	201.85	261.31	0.42
001	520	Tr=100	220.36	93.99	98.16		98.30	0.000840	2.06	266.05	267.80	0.36
001	520	Tr=200	288.00	93.99	98.80		98.87	0.000442	1.68	439.97	291.05	0.27
001	510	Tr=10	149.02	94.00	97.40	96.61	97.64	0.001623	2.31	95.87	104.82	0.48
001	510	Tr=25	177.83	94.00	97.63	96.90	97.87	0.001488	2.36	122.57	113.92	0.46
001	510	Tr=50	199.18	94.00	97.83	97.04	98.05	0.001306	2.32	145.27	114.68	0.44
001	510	Tr=100	220.36	94.00	98.04	97.26	98.24	0.001126	2.26	169.45	115.48	0.41
001	510	Tr=200	288.00	94.00	98.66	97.64	98.83	0.000813	2.17	242.76	137.58	0.36
001	500	Tr=10	149.02	93.32	97.19	96.46	97.53	0.002332	2.66	76.44	97.22	0.56
001	500	Tr=25	177.83	93.32	97.48	96.80	97.78	0.001911	2.60	105.84	104.76	0.52
001	500	Tr=50	199.18	93.32	97.71	97.15	97.98	0.001573	2.50	130.51	106.80	0.48
001	500	Tr=100	220.36	93.32	97.95	97.33	98.18	0.001300	2.40	155.77	107.91	0.44
001	500	Tr=200	288.00	93.32	98.61	97.61	98.79	0.000865	2.23	228.16	110.35	0.37
001	490	Tr=10	149.02	93.60	97.12	96.71	97.39	0.002429	2.50	89.06	99.28	0.56
001	490	Tr=25	177.83	93.60	97.44	96.89	97.67	0.001793	2.37	121.35	102.46	0.50
001	490	Tr=50	199.18	93.60	97.69	97.05	97.88	0.001418	2.25	146.69	103.16	0.45
001	490	Tr=100	220.36	93.60	97.93	97.16	98.10	0.001158	2.16	171.66	103.85	0.41
001	490	Tr=200	288.00	93.60	98.60	97.43	98.74	0.000778	2.04	241.77	105.98	0.35
001	480	Tr=10	149.02	93.42	97.05	96.57	97.29	0.001630	2.40	107.04	107.07	0.48
001	480	Tr=25	177.83	93.42	97.39	96.73	97.58	0.001220	2.26	144.22	109.05	0.42
001	480	Tr=50	199.18	93.42	97.65	96.90	97.81	0.000998	2.16	172.29	109.99	0.39
001	480	Tr=100	220.36	93.42	97.90	96.99	98.04	0.000840	2.08	199.69	110.87	0.36
001	480	Tr=200	288.00	93.42	98.57	97.26	98.70	0.000624	2.02	277.66	120.89	0.32
001	470	Tr=10	149.02	93.25	96.78	95.85	97.17	0.002263	2.74	54.31	21.82	0.56
001	470	Tr=25	177.83	93.25	97.00	96.09	97.46	0.002527	3.01	59.16	22.44	0.59
001	470	Tr=50	199.18	93.25	97.20	96.27	97.70	0.002593	3.13	63.54	23.01	0.60
001	470	Tr=100	220.36	93.25	97.40	96.44	97.93	0.002599	3.23	68.27	23.65	0.61
001	470	Tr=200	288.00	93.25	97.96	96.92	98.59	0.002676	3.51	81.97	25.43	0.62
001	460	Tr=10	149.02	92.95	96.46	96.02	97.05	0.004375	3.41	43.75	20.37	0.74
001	460	Tr=25	177.83	92.95	96.50	96.27	97.31	0.005834	3.97	44.75	20.49	0.86
001	460	Tr=50	199.18	92.95	96.52	96.44	97.51	0.007206	4.43	44.99	20.52	0.95
001	460	Tr=100	220.36	92.95	96.61	96.61	97.73	0.007826	4.70	46.87	20.76	1.00
001	460	Tr=200	288.00	92.95	97.09	97.09	98.38	0.007552	5.04	57.16	22.04	1.00
001	450	Tr=10	149.02	93.24	96.54	95.54	96.77	0.001771	2.30	95.64	94.12	0.49
001	450	Tr=25	177.83	93.24	96.69	96.13	96.95	0.001916	2.48	110.00	99.73	0.51
001	450	Tr=50	199.18	93.24	96.81	96.26	97.09	0.001926	2.56	122.69	101.64	0.52
001	450	Tr=100	220.36	93.24	96.92	96.43	97.20	0.001947	2.64	133.71	101.98	0.52
001	450	Tr=200	288.00	93.24	97.24	96.69	97.55	0.001977	2.84	166.36	102.89	0.54

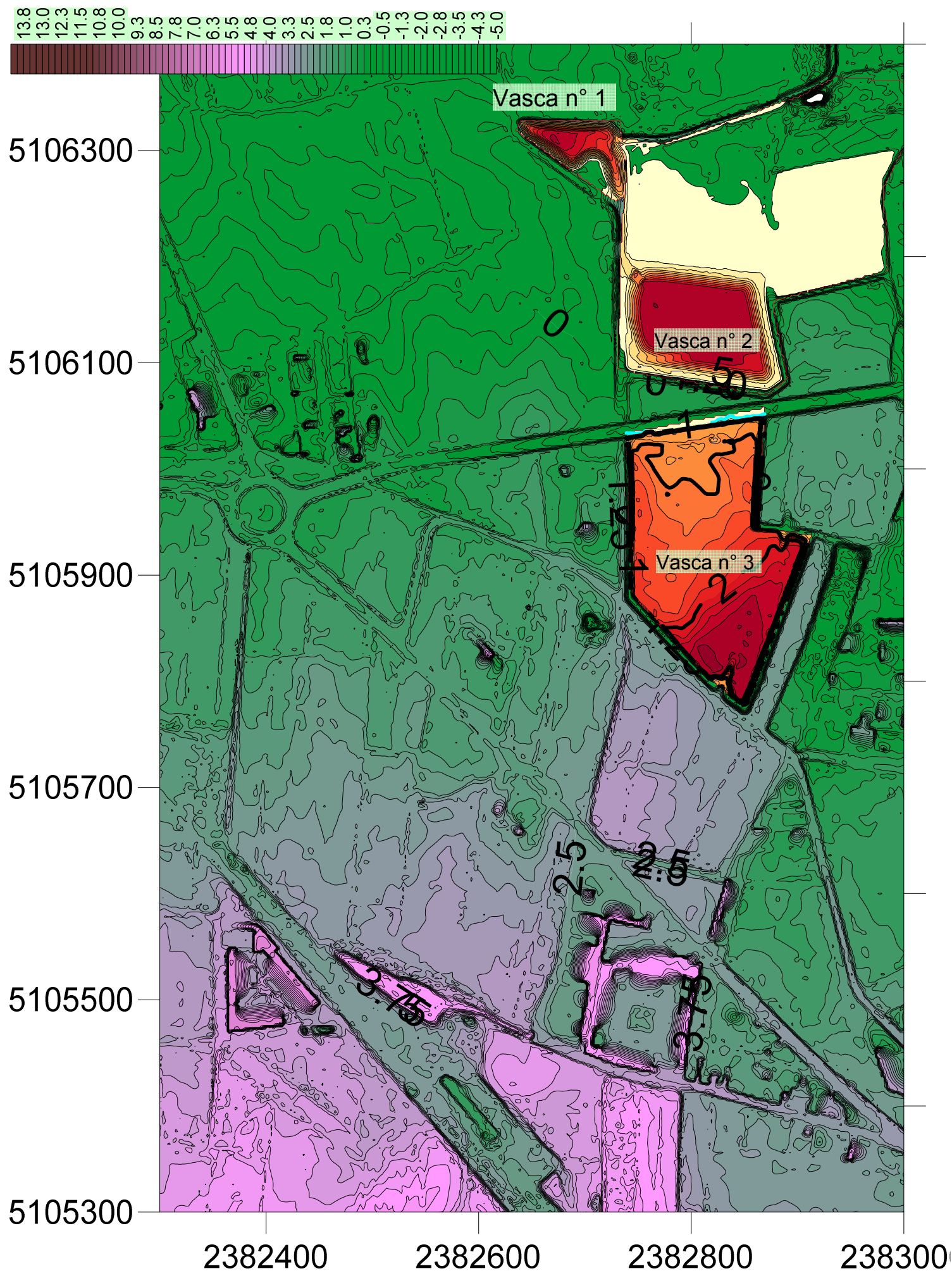
HEC-RAS Plan: Plan 02 River: Cormor Reach: 001 (Continued)

Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
001	440	Tr=10	149.02	95.15	96.52	96.11	96.62	0.002928	1.39	105.38	101.89	0.54
001	440	Tr=25	177.83	95.15	96.69		96.79	0.002587	1.49	122.49	103.98	0.52
001	440	Tr=50	199.18	95.15	96.82		96.93	0.002439	1.49	137.13	114.24	0.51
001	440	Tr=100	220.36	95.15	96.94		97.05	0.002242	1.52	150.73	117.86	0.50
001	440	Tr=200	288.00	95.15	97.28		97.40	0.001731	1.62	191.44	119.88	0.46
001	430	Tr=10	149.02	92.56	95.53	95.53	96.17	0.005716	3.66	51.65	58.67	0.85
001	430	Tr=25	177.83	92.56	95.79	95.79	96.40	0.004815	3.65	68.11	65.87	0.80
001	430	Tr=50	199.18	92.56	95.90	95.90	96.54	0.004848	3.79	75.39	66.26	0.81
001	430	Tr=100	220.36	92.56	96.00	96.00	96.67	0.004859	3.91	82.37	66.63	0.82
001	430	Tr=200	288.00	92.56	96.29	96.29	97.06	0.005019	4.30	101.66	67.63	0.85
001	420	Tr=10	149.02	92.40	94.88	94.59	95.44	0.004636	3.31	46.82	37.93	0.78
001	420	Tr=25	177.83	92.40	94.96	94.84	95.68	0.005690	3.77	50.13	42.80	0.87
001	420	Tr=50	199.18	92.40	95.02	95.02	95.86	0.006477	4.09	52.50	45.82	0.93
001	420	Tr=100	220.36	92.40	95.19	95.19	96.03	0.005823	4.11	61.71	60.38	0.90
001	420	Tr=200	288.00	92.40	95.65	95.65	96.45	0.004532	4.13	94.12	72.68	0.82
001	410	Tr=10	149.02	93.08	94.83	94.57	95.15	0.004049	2.48	61.14	51.72	0.70
001	410	Tr=25	177.83	93.08	94.98	94.70	95.33	0.004031	2.65	68.62	53.15	0.71
001	410	Tr=50	199.18	93.08	95.08	94.79	95.47	0.004014	2.77	73.99	54.08	0.72
001	410	Tr=100	220.36	93.08	95.17	94.88	95.59	0.003994	2.88	79.16	54.47	0.72
001	410	Tr=200	288.00	93.08	95.45	95.13	95.96	0.003961	3.19	94.48	55.22	0.74
001	405		Bridge									
001	400	Tr=10	149.02	91.68	93.88		94.12	0.001903	2.16	69.01	36.49	0.50
001	400	Tr=25	177.83	91.68	94.24		94.48	0.001559	2.17	82.07	37.23	0.46
001	400	Tr=50	199.18	91.68	94.48		94.73	0.001374	2.18	92.67	51.53	0.44
001	400	Tr=100	220.36	91.68	94.72		94.96	0.001223	2.19	105.80	57.41	0.42
001	400	Tr=200	288.00	91.68	95.37		95.62	0.000958	2.23	151.88	84.37	0.39
001	390	Tr=10	149.02	90.41	93.67		93.98	0.001876	2.45	60.88	26.07	0.51
001	390	Tr=25	177.83	90.41	94.02		94.35	0.001766	2.54	70.12	27.04	0.50
001	390	Tr=50	199.18	90.41	94.27		94.61	0.001704	2.59	78.01	36.78	0.50
001	390	Tr=100	220.36	90.41	94.51		94.86	0.001638	2.62	88.59	51.90	0.49
001	390	Tr=200	288.00	90.41	95.21		95.53	0.001295	2.60	140.56	96.03	0.45
001	380	Tr=10	149.02	90.33	93.31		93.80	0.003226	3.10	48.06	21.17	0.66
001	380	Tr=25	177.83	90.33	93.66		94.18	0.003057	3.20	55.63	22.40	0.65
001	380	Tr=50	199.18	90.33	93.91		94.45	0.002940	3.25	61.70	27.68	0.64
001	380	Tr=100	220.36	90.33	94.16		94.70	0.002823	3.27	69.14	31.82	0.63
001	380	Tr=200	288.00	90.33	94.89	93.75	95.41	0.002107	3.24	101.51	47.63	0.57
001	370	Tr=10	149.02	89.87	92.59	92.34	93.41	0.005839	4.02	37.06	16.55	0.86
001	370	Tr=25	177.83	89.87	92.82		93.78	0.006259	4.35	40.90	16.98	0.89
001	370	Tr=50	199.18	89.87	92.97	92.81	94.04	0.006561	4.57	43.56	17.30	0.92
001	370	Tr=100	220.36	89.87	93.11	92.99	94.28	0.006876	4.79	46.01	17.59	0.95
001	370	Tr=200	288.00	89.87	93.53	93.53	95.01	0.007499	5.39	53.49	18.49	1.00
001	360	Tr=10	149.02	89.64	92.19		92.83	0.004734	3.54	42.10	20.42	0.79
001	360	Tr=25	177.83	89.64	92.45		93.17	0.004670	3.74	47.59	22.74	0.79
001	360	Tr=50	199.18	89.64	92.64	92.26	93.40	0.004563	3.87	52.08	25.28	0.79
001	360	Tr=100	220.36	89.64	92.82	92.42	93.62	0.004466	3.99	56.86	30.20	0.79
001	360	Tr=200	288.00	89.64	93.37	92.92	94.24	0.003906	4.19	80.30	52.86	0.76
001	350	Tr=10	149.02	88.99	91.76		92.19	0.003199	2.89	51.52	25.79	0.65
001	350	Tr=25	177.83	88.99	92.11		92.55	0.002806	2.93	60.78	26.98	0.62
001	350	Tr=50	199.18	88.99	92.35		92.80	0.002605	2.96	67.38	27.77	0.61
001	350	Tr=100	220.36	88.99	92.57		93.03	0.002472	3.00	73.55	28.48	0.60
001	350	Tr=200	288.00	88.99	93.21		93.71	0.002042	3.13	92.52	30.89	0.56
001	340	Tr=10	149.02	88.81	91.99	89.97	92.03	0.000172	0.80	194.93	96.13	0.16
001	340	Tr=25	177.83	88.81	92.35	90.08	92.39	0.000155	0.82	231.49	105.82	0.16
001	340	Tr=50	199.18	88.81	92.60	90.16	92.64	0.000146	0.84	260.00	129.12	0.15
001	340	Tr=100	220.36	88.81	92.83	90.24	92.87	0.000139	0.86	292.78	153.39	0.15
001	340	Tr=200	288.00	88.81	93.51	90.45	93.54	0.000117	0.89	404.65	169.89	0.14
001	330	Tr=10	149.02	88.80	91.95		92.01	0.000293	1.07	139.22	52.24	0.21
001	330	Tr=25	177.83	88.80	92.31		92.38	0.000279	1.13	158.04	53.16	0.21
001	330	Tr=50	199.18	88.80	92.56		92.63	0.000270	1.16	172.17	60.01	0.21
001	330	Tr=100	220.36	88.80	92.78		92.86	0.000263	1.20	187.40	78.48	0.21
001	330	Tr=200	288.00	88.80	93.45		93.53	0.000232	1.27	285.36	200.56	0.20
001	320	Tr=10	149.02	88.22	90.96	90.93	91.88	0.007519	4.25	35.03	18.09	0.98
001	320	Tr=25	177.83	88.22	91.19	91.19	92.24	0.007784	4.54	39.21	18.79	1.00
001	320	Tr=50	199.18	88.22	91.36	91.36	92.48	0.007753	4.70	42.40	19.38	1.01
001	320	Tr=100	220.36	88.22	91.56	91.56	92.71	0.007485	4.75	46.41	20.52	1.00
001	320	Tr=200	288.00	88.22	92.02	92.02	93.37	0.006992	5.15	56.65	23.39	1.00
001	310	Tr=10	149.02	88.22	90.93	90.32	91.28	0.002799	2.67	59.56	43.64	0.61
001	310	Tr=25	177.83	88.22	91.18	90.56	91.56	0.002540	2.76	71.12	45.29	0.60

HEC-RAS Plan: Plan 02 River: Cormor Reach: 001 (Continued)

Reach	River Sta	Profile	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)	
001	310	Tr=50	199.18	88.22	91.37	90.73	91.76	0.002365	2.82	79.74	46.24	0.58
001	310	Tr=100	220.36	88.22	91.56	90.88	91.96	0.002211	2.86	88.31	47.42	0.57
001	310	Tr=200	288.00	88.22	92.11	91.24	92.54	0.001841	2.98	115.85	51.51	0.54
001	300	Tr=10	149.02	86.95	90.73		91.03	0.002036	2.40	62.09	30.05	0.53
001	300	Tr=25	177.83	86.95	91.00		91.33	0.001952	2.55	70.24	31.66	0.53
001	300	Tr=50	199.18	86.95	91.19		91.54	0.001889	2.64	76.49	33.85	0.53
001	300	Tr=100	220.36	86.95	91.37		91.75	0.001829	2.72	82.86	35.65	0.52
001	300	Tr=200	288.00	86.95	91.93		92.36	0.001664	2.93	106.15	61.01	0.51
001	290	Tr=10	149.02	87.85	90.09	89.86	90.69	0.004908	3.45	43.53	24.55	0.81
001	290	Tr=25	177.83	87.85	90.37	90.06	91.02	0.004310	3.56	50.55	24.92	0.78
001	290	Tr=50	199.18	87.85	90.57	90.20	91.24	0.004029	3.65	55.40	25.17	0.77
001	290	Tr=100	220.36	87.85	90.75	90.33	91.46	0.003835	3.74	59.94	25.37	0.76
001	290	Tr=200	288.00	87.85	91.25	90.74	92.09	0.003526	4.06	72.85	25.93	0.75
001	280	Tr=10	149.02	86.77	90.02	88.97	90.33	0.001787	2.45	60.86	24.82	0.50
001	280	Tr=25	177.83	86.77	90.31	89.20	90.66	0.001829	2.61	68.26	25.69	0.51
001	280	Tr=50	199.18	86.77	90.51	89.36	90.89	0.001857	2.71	73.49	26.30	0.52
001	280	Tr=100	220.36	86.77	90.70	89.51	91.11	0.001865	2.81	78.53	26.87	0.52
001	280	Tr=200	288.00	86.77	91.25	89.95	91.73	0.001821	3.09	93.66	28.95	0.53
001	270	Tr=10	149.02	86.72	89.89	88.69	90.16	0.001372	2.27	65.65	25.00	0.44
001	270	Tr=25	177.83	86.72	90.18	88.91	90.49	0.001389	2.45	72.96	25.65	0.45
001	270	Tr=50	199.18	86.72	90.38	89.06	90.72	0.001406	2.57	78.07	26.10	0.46
001	270	Tr=100	220.36	86.72	90.57	89.21	90.93	0.001421	2.69	82.96	26.54	0.47
001	270	Tr=200	288.00	86.72	91.10	89.62	91.56	0.001479	3.02	97.47	27.94	0.49
001	260	Tr=10	149.02	88.89	89.16	88.20	89.57	0.009351	0.76	52.73	21.02	0.66
001	260	Tr=25	177.83	88.89	89.39	88.47	89.88	0.010230	1.20	57.61	21.76	0.77
001	260	Tr=50	199.18	88.89	89.54	88.66	90.09	0.010877	1.47	60.93	22.26	0.83
001	260	Tr=100	220.36	88.89	89.68	88.85	90.29	0.011451	1.73	64.14	22.74	0.88
001	260	Tr=200	288.00	88.89	90.07	89.35	90.86	0.013409	2.43	73.19	24.16	1.02
001	250	Tr=10	149.02	85.19	87.09	87.09	87.79	0.008177	3.72	40.10	28.49	1.00
001	250	Tr=25	177.83	85.19	87.27	87.27	88.05	0.007924	3.91	45.45	29.12	1.00
001	250	Tr=50	199.18	85.19	87.41	87.41	88.24	0.007743	4.04	49.33	29.57	1.00
001	250	Tr=100	220.36	85.19	87.53	87.53	88.41	0.007626	4.16	52.99	29.99	1.00
001	250	Tr=200	288.00	85.19	87.88	87.88	88.92	0.007176	4.52	63.90	31.65	1.00

Modello digitale delle elevazioni del Tresemane



Scheda n°

1

Descrizione

RP3

Note

Edilizia ristorazione attività ludica

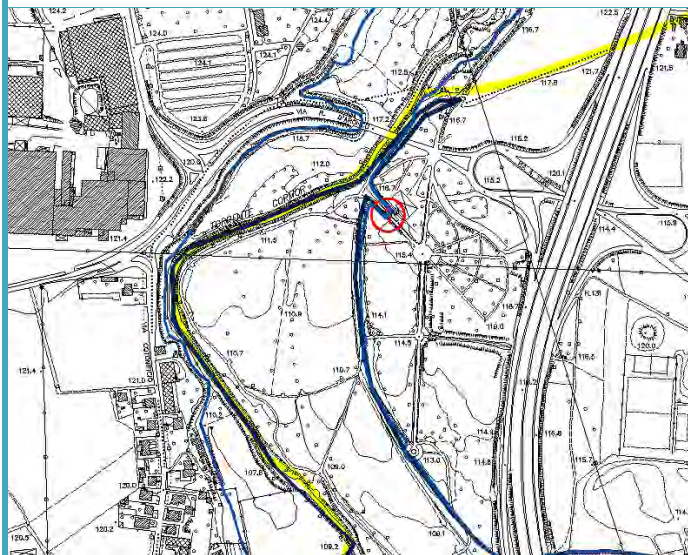
Zona-omogenea

RP

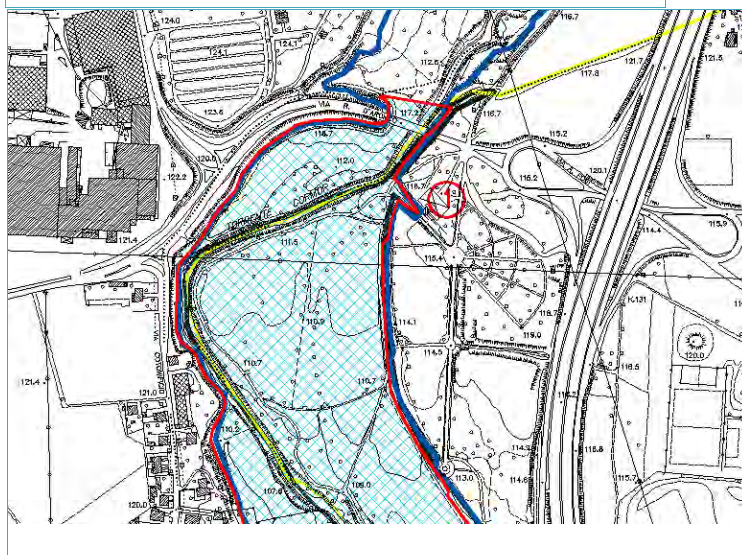
Zona

Sottozona

Planimetria stato di fatto



Planimetria nuovi vincoli



Legenda

— Limite PRGC

— Limite AdBR

— Esond. senza opere

— Opere mitigative

— Aree in sicurezza

Descrizione stato di fatto

Area oggetto di attività ludiche e di servizi agli utenti del Parco del Cormor;

Misure mitigative del rischio idraulico

L'area si colloca a quota elevata (116.70 m s.l.m.) rispetto all'area golenale del Cormor (112 m s.l.m.) e dallo studio idraulico condotto non è soggetta ad esondazione da parte del torrente anche per tempi di ritorno eccezionali (h max 115.22 m s.l.m.).

Situazione di progetto

Area compatibile con attività edilizia per quote superiori a 115.50 m s.l.m.

Scheda n°

2

Descrizione

RP₅

Note

Aree vocazione residenziale

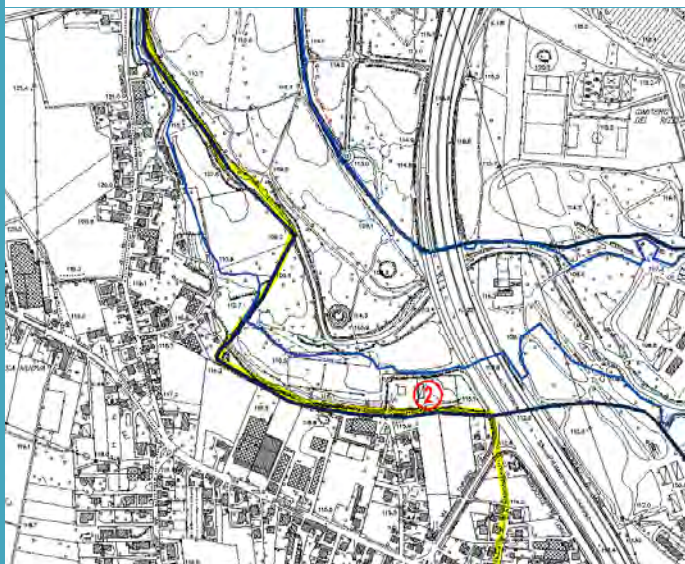
Zona-omogenea

RP

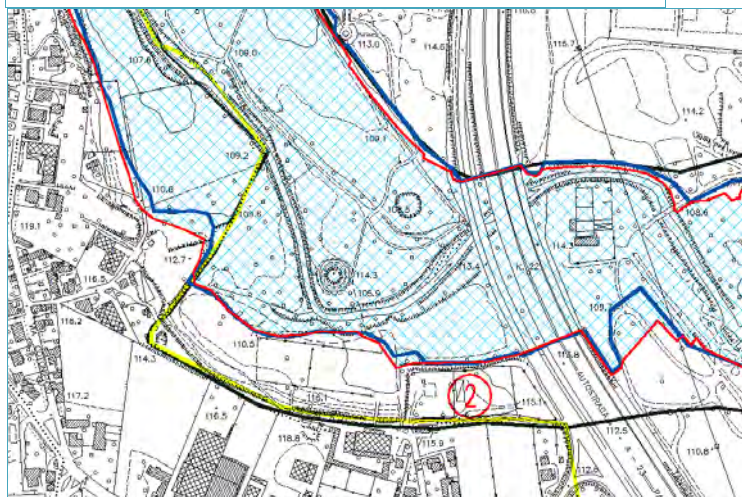
Zona

Sottozona

Planimetria stato di fatto



Planimetria nuovi vincoli



Legenda

— Limite PRGC

— Limite AdBR

— Esond. senza opere

— Opere mitigative

— Aree in sicurezza

Descrizione stato di fatto

Area prospiciente il corso d'acqua a vocazione edilizia residenziale; l'area si trova a quota ben superiore (118.80 m s.l.m.) alla golena destra del Cormor (105.10 m s.l.m.), anche il massimo tirante idrico calcolato si attesta a quota ben inferiore pari a 109.63 m s.l.m.

Misure mitigative del rischio idraulico

L'eventuale destinazione ad area di espansione edilizia dell'area non necessita di alcuna misura di mitigazione nei riguardi dei deflussi del torrente Cormor

Situazione di progetto

Area compatibile con attività edilizia per quote superiori a 110.00 m s.l.m.

Note

Area sportiva

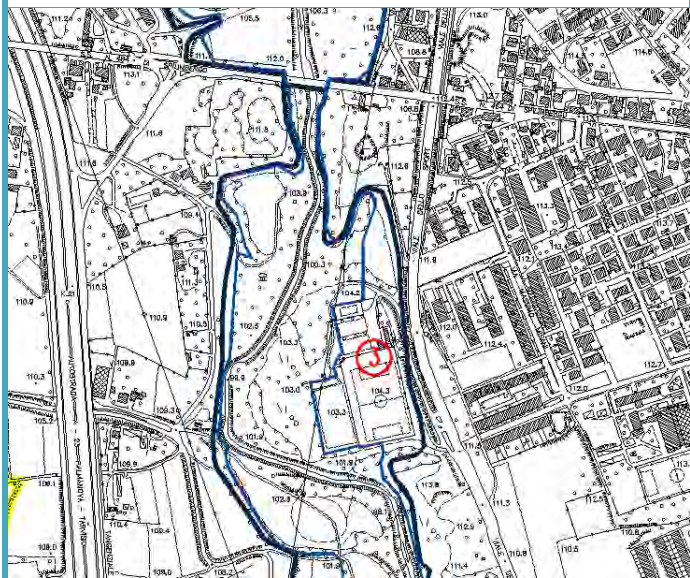
Zona-omogenea

Zona

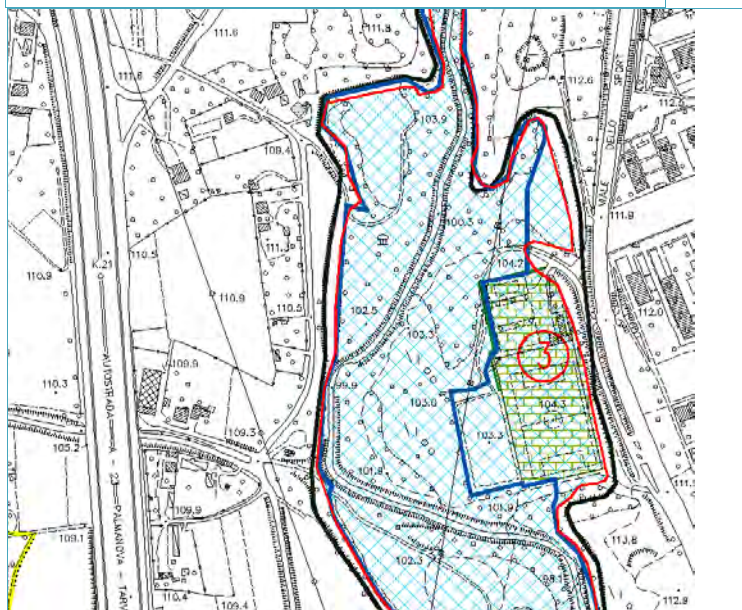
Sottozona

RP

Planimetria stato di fatto



Planimetria nuovi vincoli



Legenda

 Limite PRGC
 Limite AdBR
 Esond. senza opere

 Opere mitigative
 Aree in sicurezza

Descrizione stato di fatto

L'area sportiva allo stato attuale risulta esondabile dalle acque del torrente Cormor anche se con altezze d'acqua ben limitate; Gli afflussi provengono da monte e defluiscono verso valle ai lati della struttura sportiva stessa.

Misure mitigative del rischio idraulico

Ai fini della sicurezza idraulica delle strutture ivi presenti si ritiene necessario realizzare una struttura di protezione- sovrizzo arginale indicato in colore verde nella figura di progetto - che si attesti ai bordi nord e ovest della struttura stessa per un'altezza di almeno 35/40 cm rispetto alla quota attuale del campo di gioco.

Situazione di progetto

Con la realizzazione di una adeguata protezione sarà possibile pervenire all'adeguamento della sicurezza idraulica della struttura anche per eventi eccezionali ($T_r=200$ anni).

Note

Area attività ludico-sportive

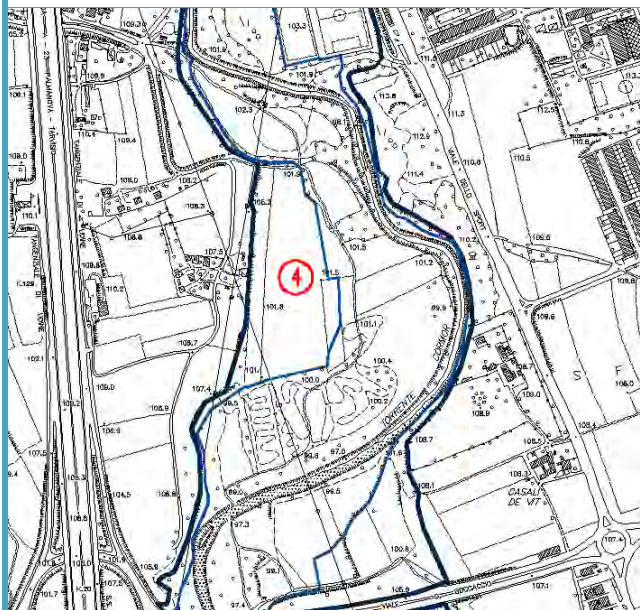
Zona-omogenea

RP

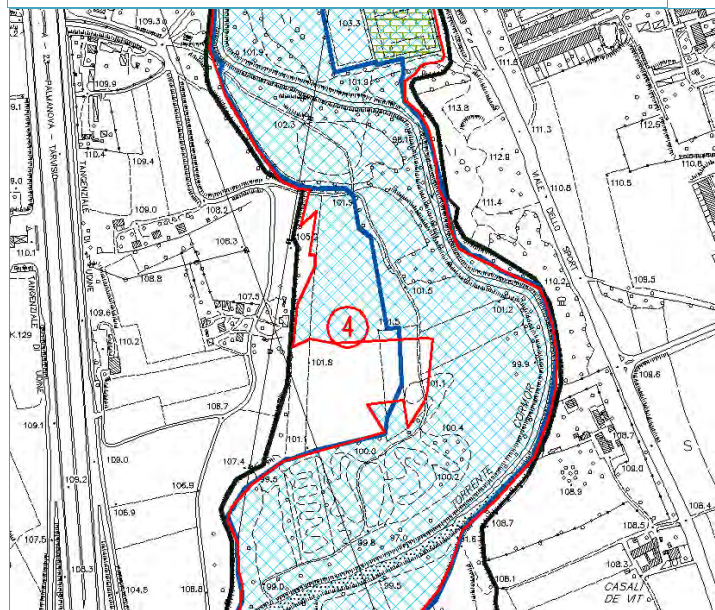
Zona

Sottozona

Planimetria stato di fatto



Planimetria nuovi vincoli



Legenda

— Limite PRGC

— Limite AdBR

— Esond. senza opere

— Opere mitigative

— Aree in sicurezza

Descrizione stato di fatto

Area agricola

Misure mitigative del rischio idraulico

L'area è marginalmente interessata dalle esondazioni del torrente Cormor; la semplice realizzazione di rialzi lungo discontinuità orografiche già presenti permette di garantire detta area dall'esondabilità del torrente (103,28 m s.l.m.) consentendo l'uso del territorio con minime perdite di volumi di laminazione.

Situazione di progetto

Mediante la realizzazione di un modesto argine (altezza a quota 104,00 m s.l.m.) è possibile rendere sicura l'area.

Scheda n°

5

Descrizione

RP2

Note

Area residenziale

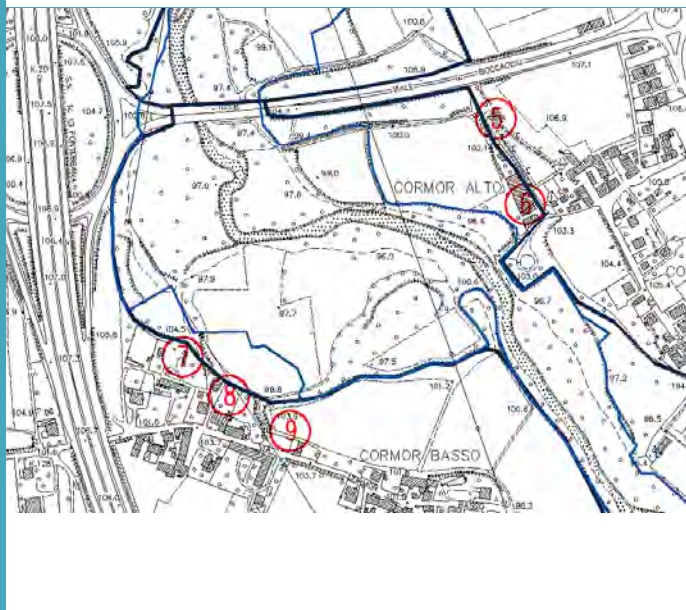
Zona-omogenea

Zona

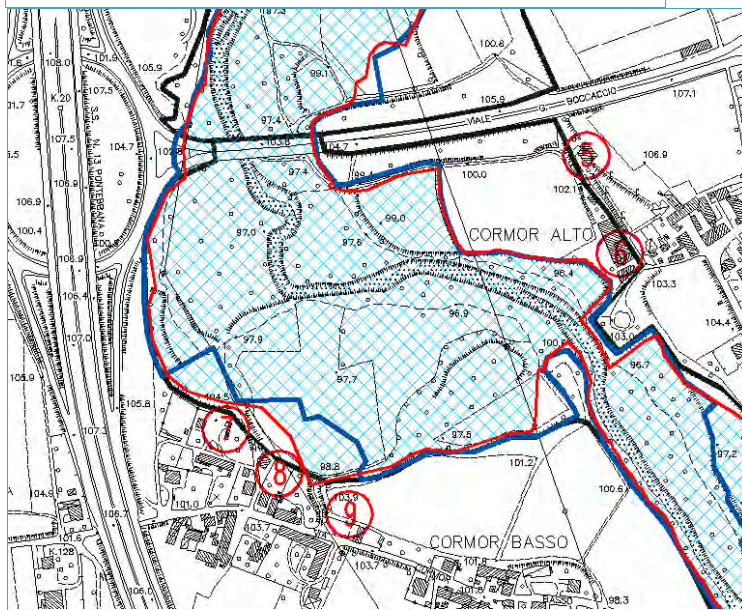
Sottozona

RP

Planimetria stato di fatto



Planimetria nuovi vincoli



Legenda

— Limite PRGC

— Limite AdBR

— Esond. senza opere

— Opere mitigative

— Aree in sicurezza

Descrizione stato di fatto

L'area in argomento è classificata esondabile dall'attuale strumento urbanistico comunale, mentre già il piano stralcio di bacino del Cormor riduce il vincolo alla parte più bassa della stessa. Il modello idraulico calcolato per il $T_r = 200$ anni fornisce elementi di maggiore sicurezza idraulica dell'area attestando la quota di massima piena a quota 98.70 m s.l.m. mentre la quota della campagna interessata da eventuali iniziative edilizie si attesta a quota 102.1 o 106.0 m s.l.m.

Misure mitigative del rischio idraulico

Non sono necessarie protezioni idrauliche per l'area in argomento

Situazione di progetto

L'area è compatibile con iniziative edilizie nei riguardi della sicurezza idraulica del torrente Cormor.

Note

Area residenziale

Zona-omogenea

B

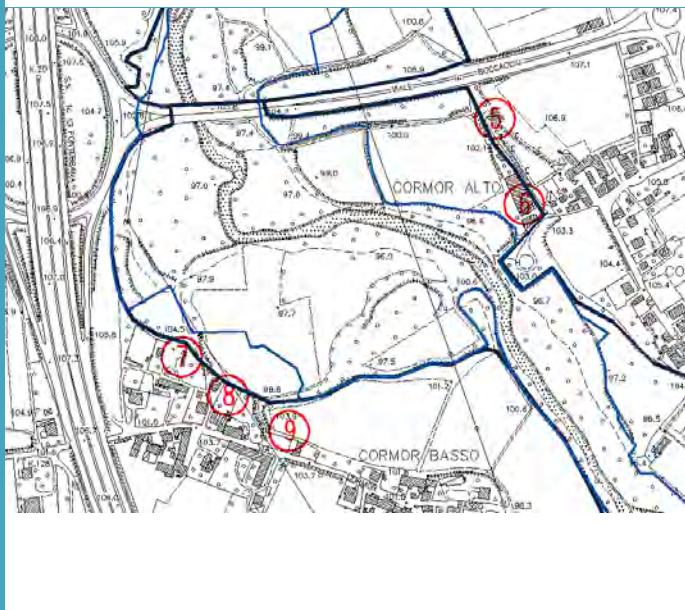
Zona

Bo

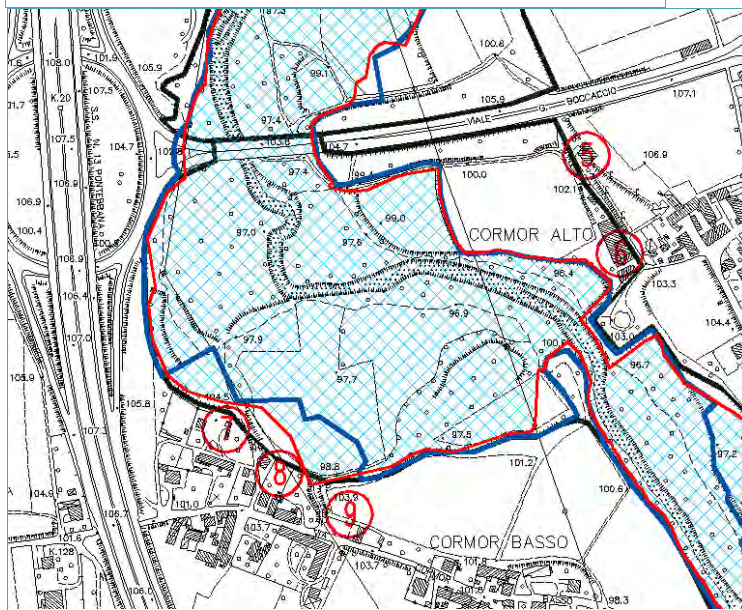
Sottozona

Boa

Planimetria stato di fatto



Planimetria nuovi vincoli



Legenda

 Limite PRGC
 Limite AdBR
 Esond. senza opere

 Opere mitigative
 Aree in sicurezza

Descrizione stato di fatto

L'area in argomento è classificata esondabile dall'attuale strumento urbanistico comunale, mentre già il piano stralcio di bacino del Cormor riduce il vincolo alla parte più bassa della stessa. Il modello idraulico calcolato per il $T_r = 200$ anni fornisce elementi di maggiore sicurezza idraulica dell'area attestando la quota di massima piena a quota 98.59 m s.l.m. mentre la quota della campagna interessata da eventuali iniziative edilizie si attesta a quota superiore a 102 m s.l.m.

Misure mitigative del rischio idraulico

Non sono necessarie misure mitigative nei riguardi della sicurezza idraulica del torrente Cormor

Situazione di progetto

L'area può essere destinata a iniziative edilizie alla quota superiore a 99.50 m s.l.m.

Scheda n°

7

Descrizione

Boa-1

Note

Area residenziale

Zona-omogenea

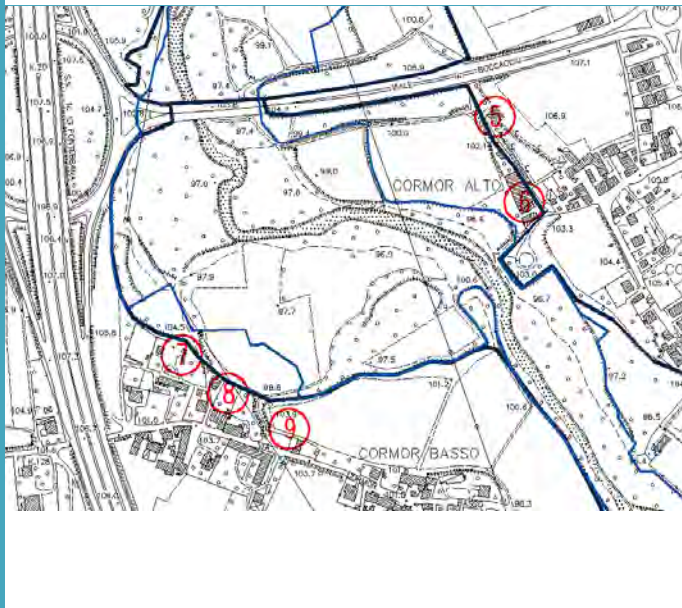
Zona

Sottozona

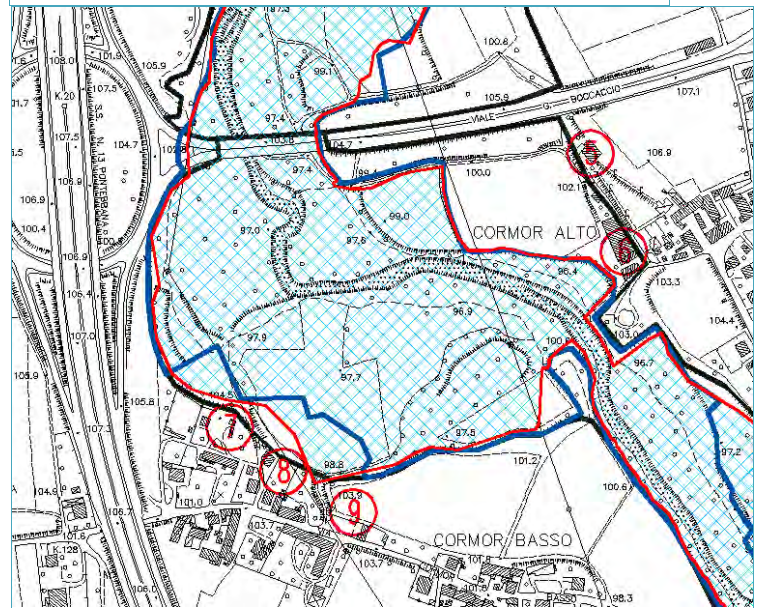
Bo

Boa

Planimetria stato di fatto



Planimetria nuovi vincoli



Legenda

— Limite PRGC

— Limite AdBR

— Esond. senza opere

— Opere mitigative

— Aree in sicurezza

Descrizione stato di fatto

L'area si colloca sul terrazzo alluvionale ad una quota di 105 m s.l.m., mentre l'area golenale destra del Cormor si attesta a quota 97.80 m s.l.m.; la quota della linea dell'energia per il modello idraulico elaborato si attesta a 98.87 m s.l.m..

Misure mitigative del rischio idraulico

Non sono necessarie opere di mitigazione del rischio idraulico

Situazione di progetto

L'area è compatibile con interventi edilizi.

Note

Area residenziale

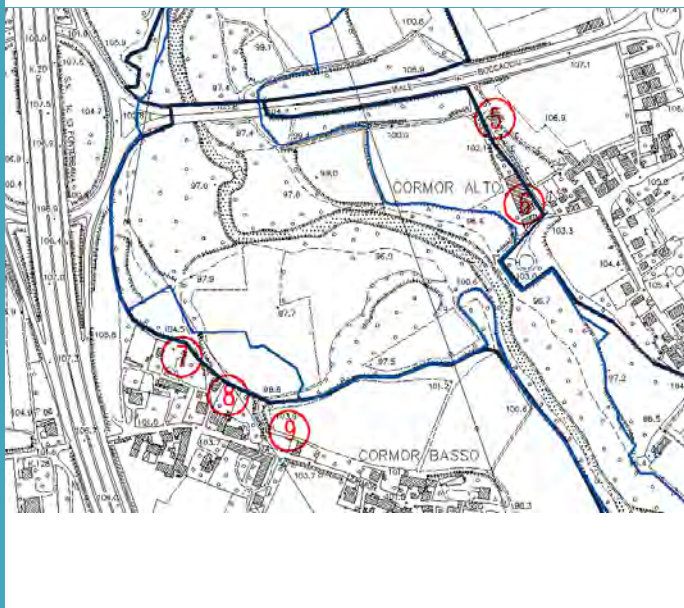
Zona-omogenea

Zona

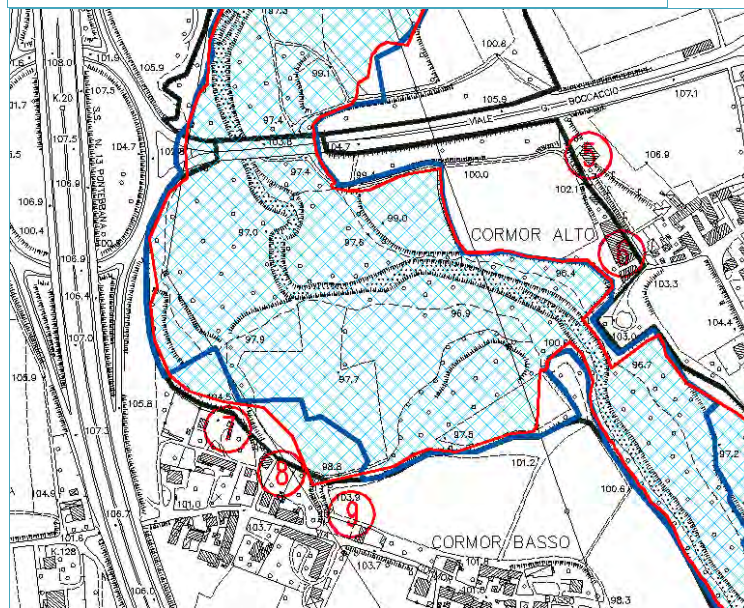
Sottozona

RP

Planimetria stato di fatto



Planimetria nuovi vincoli



Legenda

— Limite PRGC

— Limite AdBR

— Esond. senza opere

— Opere mitigative

— Aree in sicurezza

Descrizione stato di fatto

L'area si colloca sul terrazzo alluvionale ad una quota di 103.89 m s.l.m. in prossimità della scarpata fluviale, mentre l'area golenale destra del Cormor si attesta a quota 98.80 m s.l.m.; la quota della linea dell'energia per il modello idraulico elaborato si attesta a 98.79 m s.l.m..

Misure mitigative del rischio idraulico

Non sono necessarie opere di mitigazione del rischio idraulico

Situazione di progetto

L'area è compatibile con interventi edilizi.

Note

Area agricola a vocazione residenziale

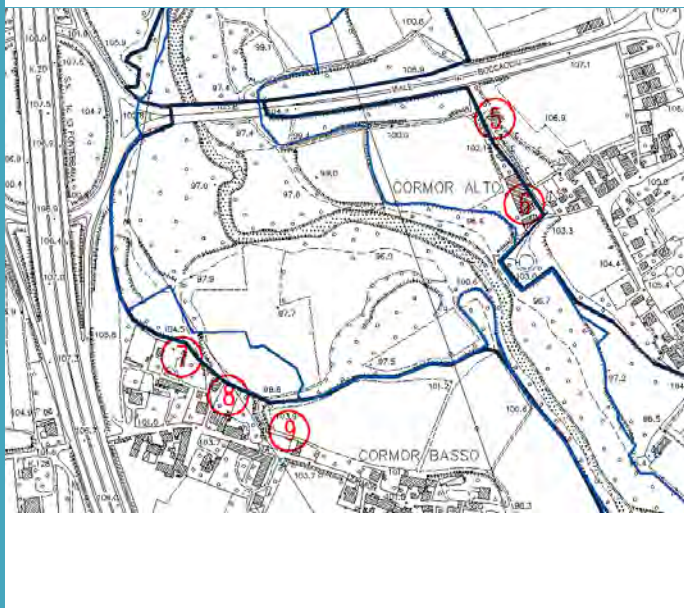
Zona-omogenea

Zona

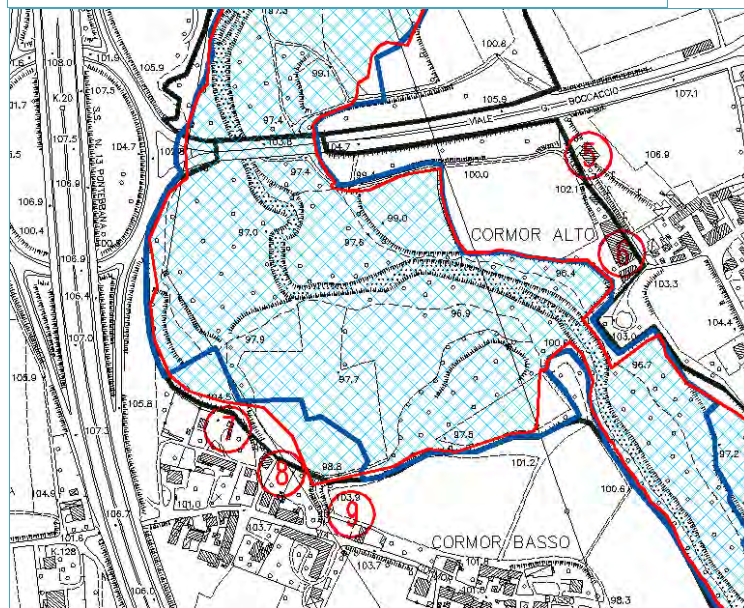
Sottozona

RP

Planimetria stato di fatto



Planimetria nuovi vincoli



Legenda

Limite PRGC

Limite AdBR

Esond. senza opere

Opere mitigative

Aree in sicurezza

Descrizione stato di fatto

L'area si colloca sul terrazzo alluvionale ad una quota di 103.90 m s.l.m. in prossimità della scarpata fluviale, mentre l'area golenale destra del Cormor si attesta a quota 98.80 m s.l.m.; la quota della linea dell'energia per il modello idraulico elaborato si attesta a 98.70 m s.l.m..

Misure mitigative del rischio idraulico

Non sono necessarie opere di mitigazione del rischio idraulico.

Situazione di progetto

L'area è compatibile con interventi edilizi.

Note

Area sportiva Cormor Alto

Zona-omogenea

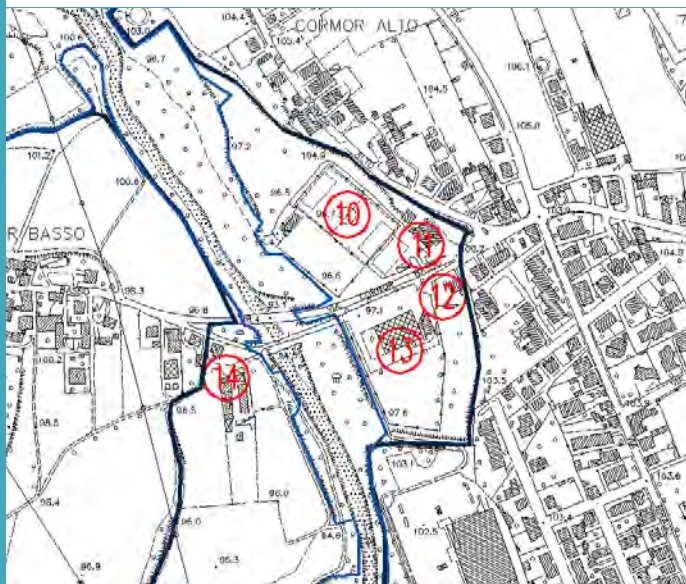
S

Zona

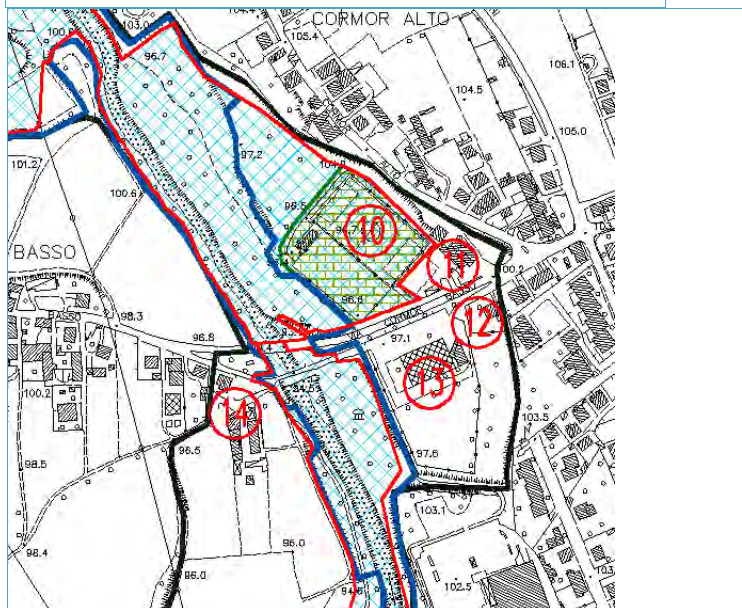
S.SP

Sottozona

Planimetria stato di fatto



Planimetria nuovi vincoli



Legenda

— Limite PRGC
 — Limite AdBR
 — Esond. senza opere

— Opere mitigative
 — Aree in sicurezza

Descrizione stato di fatto

L'area sportiva di Cormor Alto (posta a quota 96.8 m s.l.m.) si colloca a ridosso dell'alveo del torrente Cormor e ricade all'interno della perimetrazione delle aree esondabili del Cormor in seno allo strumento urbanistico comunale vigente.

La perimetrazione del PAI del Cormor non include l'area sportiva all'interno delle aree esondabili.

L'analisi idraulica condotta conferma la possibilità di ingressione attraverso la golena destra delle acque di piena del Cormor; si evidenzia tuttavia la possibilità di proteggere detta area con minime misure mitigative.

Misure mitigative del rischio idraulico

Attraverso la realizzazione di un arginello - in linea verde nella planimetria di progetto - che dalla scarpata morfologica del Cormor delimiti l'area lato fiume fino al terrapieno sovrelevato che forma la viabilità comunale di via Cormor Basso, è possibile dare all'area di interesse la necessaria sicurezza idraulica; si tratta di un'opera modesta che si rialza dalla quota campagna di 50 cm per evitare che le acque di piena che divagano lungo la golena sinistra possano interessare il campo da gioco.

Con l'intervento di mitigazione del rischio idraulico è possibile ristabilire la necessaria sicurezza al campo da gioco.

Note

Struttura di culto

Zona-omogenea

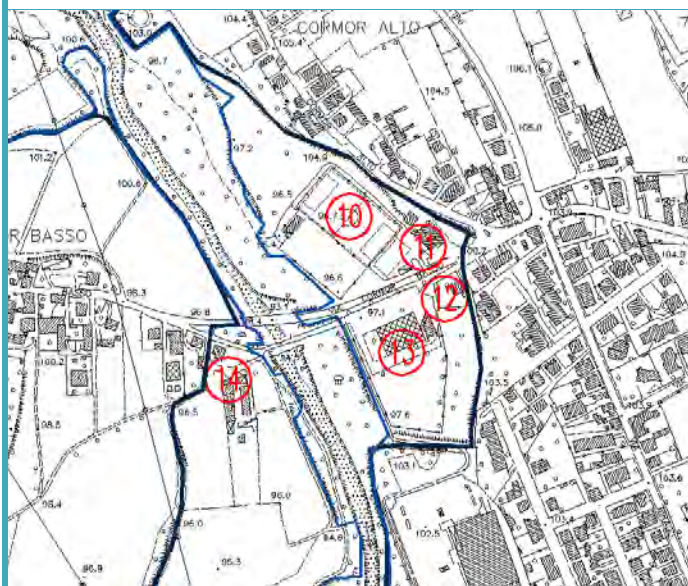
S

Zona

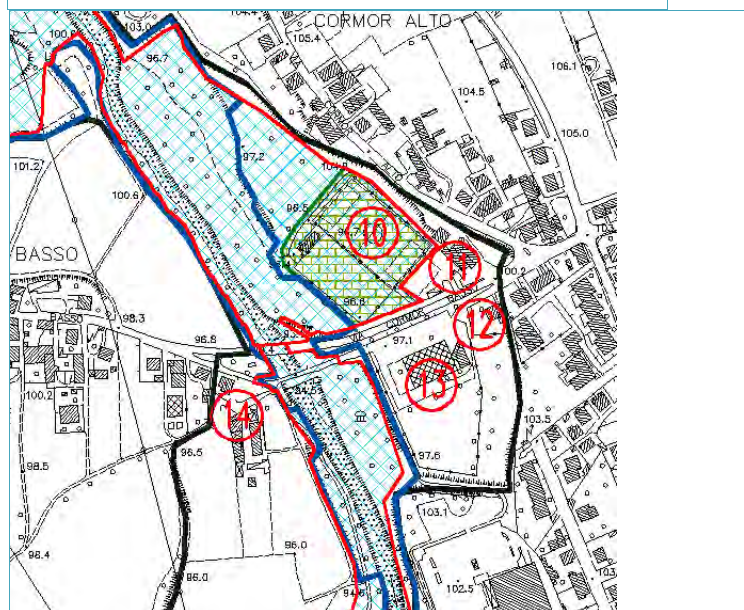
S.CHI

Sottozona

Planimetria stato di fatto



Planimetria nuovi vincoli



Legenda

— Limite PRGC

— Limite AdBR

— Esond. senza opere

— Opere mitigative

— Aree in sicurezza

Descrizione stato di fatto

L'edificio di culto si trova ad una quota (96.84 m s.l.m.) prossima alle quote di massima esondazione (96.45 m s.l.m.) per cui risulta necessario attuare una misura di mitigazione del rischio idraulico.

La perimetrazione del piano urbanistico comunale fa ricadere l'area all'interno delle aree esondate, mentre il PAI Cormor la esclude.

Misure mitigative del rischio idraulico

Attraverso la realizzazione di un arginello - in linea verde nella planimetria di progetto - che dalla scarpata morfologica del Cormor delimiti l'area lato fiume fino al terrapieno sovrelevato che forma la viabilità comunale di via Cormor Basso è possibile dare all'area di interesse la necessaria sicurezza idraulica; si tratta di un'opera modesta che si rialza dalla quota campagna di 50 cm per evitare che le acque di piena che si dividano lungo la golena sinistra possano interessare il campo da gioco.

Con l'intervento di mitigazione del rischio idraulico è possibile ristabilire la necessaria sicurezza al campo da gioco.

Note

Zona residenziale

Zona-omogenea

B

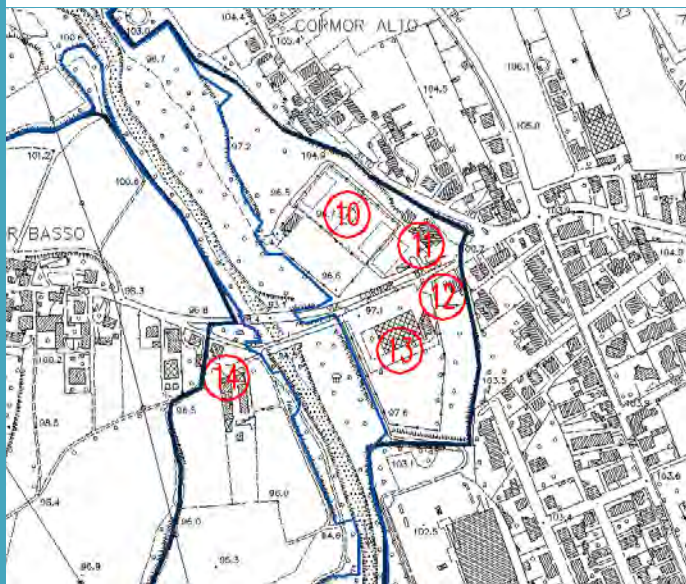
Zona

Bo

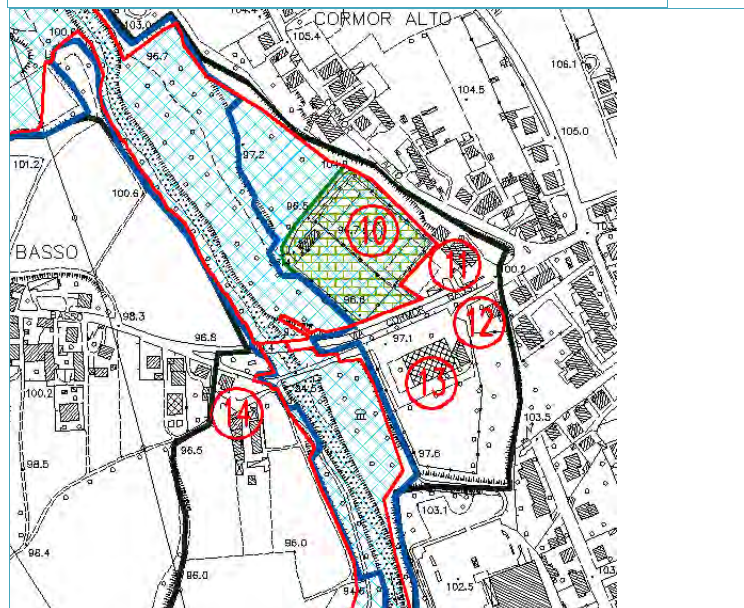
Sottozona

Boe

Planimetria stato di fatto



Planimetria nuovi vincoli



Legenda

Limite PRGC
 Limite AdBR
 Esond. senza opere

Opere mitigative
 Aree in sicurezza

Descrizione stato di fatto

L'area in oggetto ricade all'interno delle aree esondabili del piano urbanistico comunale, mentre il PAI Cormor la esclude. L'area si attesta ad una quota di 99.21 m s.l.m. mentre l'analisi idraulica condotta definisce la quota di massima piena pari a 95.62 m s.l.m.. Si può pertanto affermare che l'area non è interessata da eventi di piena del Cormor.

Misure mitigative del rischio idraulico

Non sono necessarie misure mitigative

Situazione di progetto

L'area è compatibile con iniziative edilizie.

Note

Area ludico-sportiva

Zona-omogenea

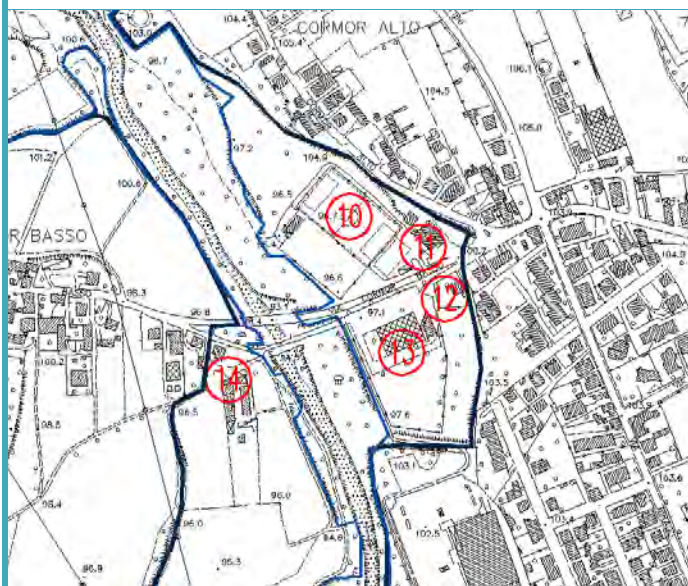
H

Zona

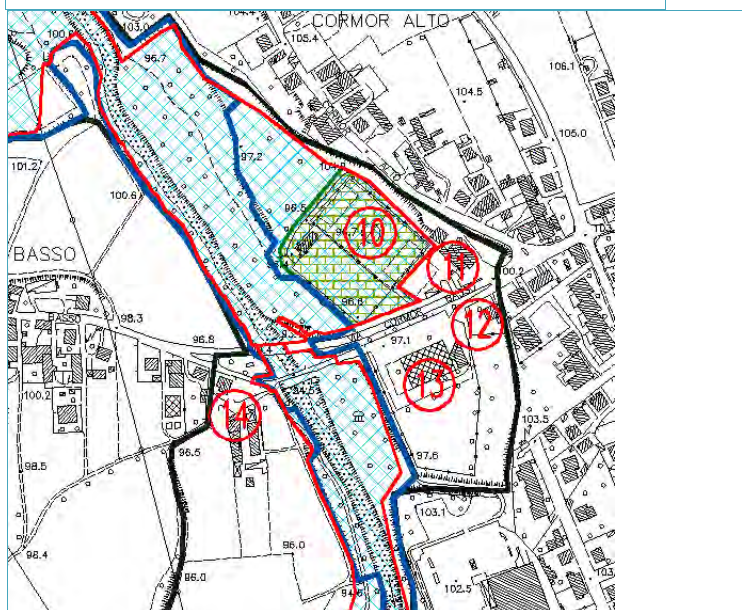
H21

Sottozona

Planimetria stato di fatto



Planimetria nuovi vincoli



Legenda

— Limite PRGC

— Limite AdBR

— Esond. senza opere

— Opere mitigative

— Aree in sicurezza

Descrizione stato di fatto

L'area in oggetto ricade all'interno delle aree esondabili del piano urbanistico comunale, mentre il PAI Cormor la esclude.

L'area si attesta ad una quota di 97.65 m s.l.m. mentre l'analisi idraulica condotta definisce la quota di massima piena pari a 95.62 m s.l.m.. Si può pertanto affermare che l'area non è interessata da eventi di piena del Cormor.

Misure mitigative del rischio idraulico

Non sono necessarie misure mitigative

Situazione di progetto

L'area è compatibile con iniziative edilizie.

Note

Zona residenziale

Zona-omogenea

B

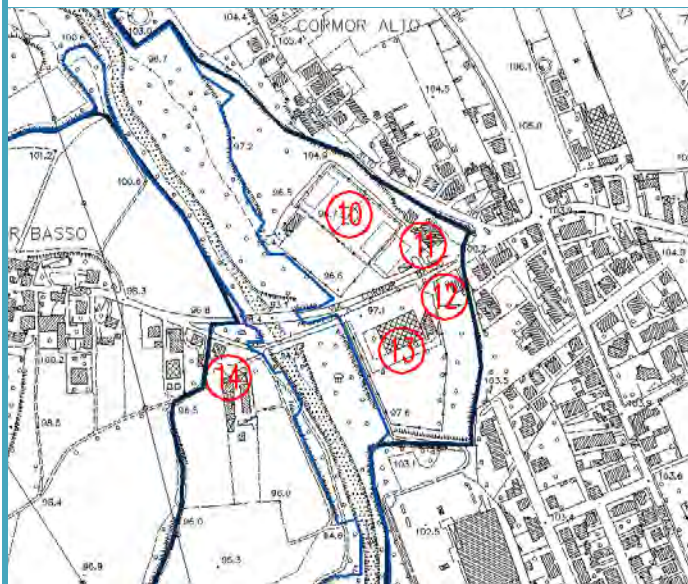
Zona

Bo

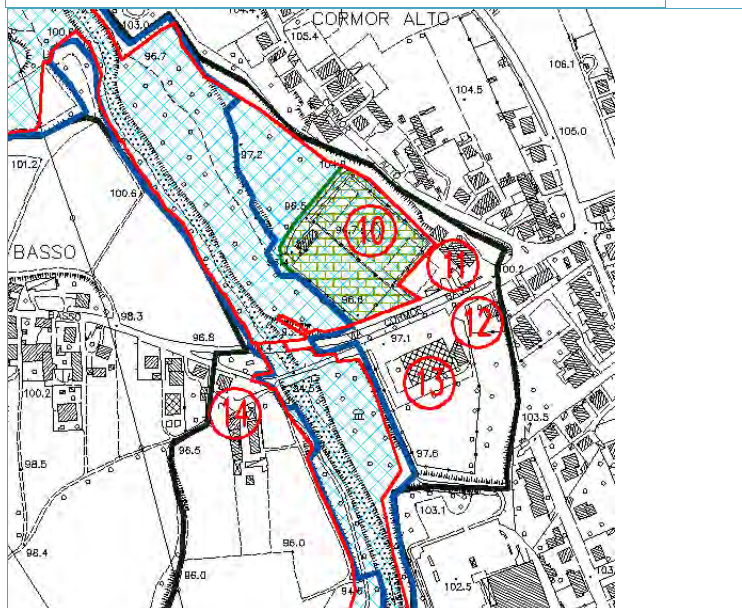
Sottozona

Boe

Planimetria stato di fatto



Planimetria nuovi vincoli



Legenda

— Limite PRGC
 — Limite AdBR
 — Esond. senza opere

— Opere mitigative
 — Aree in sicurezza

Descrizione stato di fatto

L'area si colloca all'esterno della gola destra del Cormor alla quota minima di 96.09 m s.l.m., e pur rientrando all'interno delle aree esondabili del piano urbanistico comunale il PAI Cormor la colloca all'esterno.

L'analisi idraulica qui condotta per $T_r = 200$ anni conferma che detta area non viene interessata dai deflussi del Cormor (95.53 m s.l.m.); si evidenzia comunque che ai fini dell'edificazione detta area dovrà essere rialzata alla quota minima di 96.50 m s.l.m..

Misure mitigative del rischio idraulico

L'edificazione dovrà essere limitata a quote di sicurezza non inferiori a 96.50 m s.l.m. Il limite di scarpata morfologica ivi esistente costituisce certamente un limite di sicurezza nei riguardi del rischio idraulico

Situazione di progetto

L'area adeguata alla quota di 96.50 m s.l.m. è compatibile con l'utilizzazione edilizia con le misure opportune atte a garantire filtrazioni a danno dei piani interrati.

Note

Servizi tecnologici

Zona-omogenea

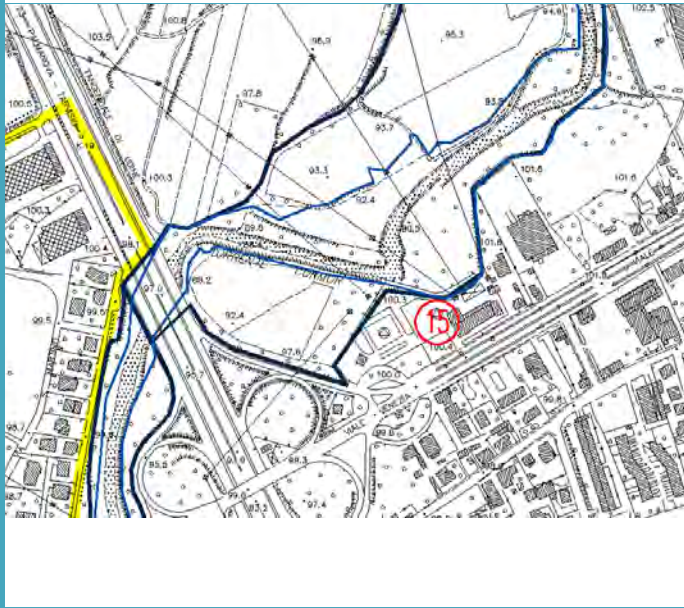
S

Zona

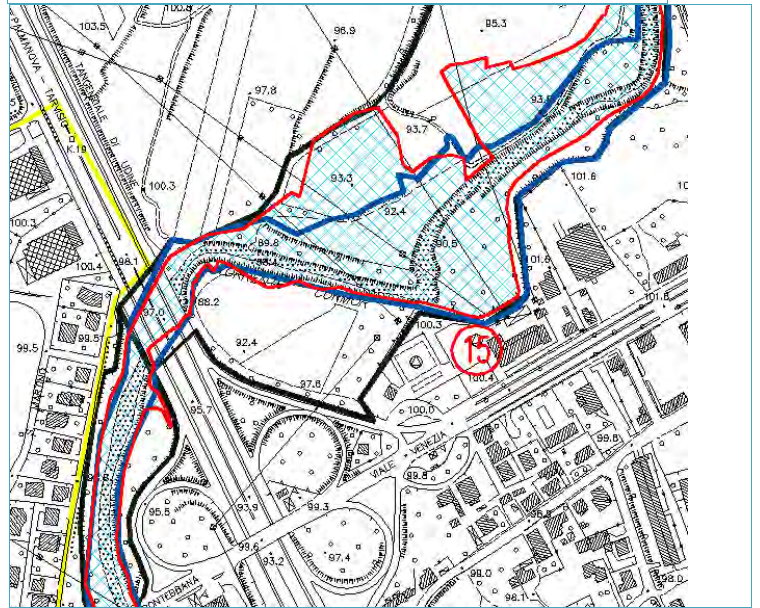
S.ST

Sottozona

Planimetria stato di fatto



Planimetria nuovi vincoli



Legenda

— Limite PRGC

— Limite AdBR

— Esond. senza opere

— Opere mitigative

— Aree in sicurezza

Descrizione stato di fatto

L'area si trova alla quota di 100.30 m s.l.m. elevata rispetto alle aree golenali del Cormor limitrofe (92.76 m s.l.m.). Il massimo livello delle acque si attesta alla quota di 93.71 m s.l.m., pertanto si può affermare che l'area non è soggetta a rischio di esondazione da parte del Cormor

Misure mitigative del rischio idraulico

Non sono necessarie misure mitigative ai fini edificatori

Situazione di progetto

L'area è compatibile con iniziative edilizie.

Note

Zona attrezz. commerciali

Zona-omogenea

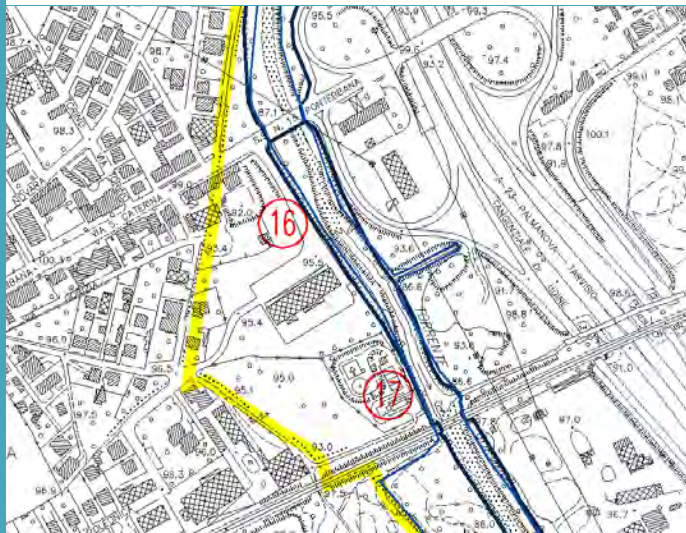
H

Zona

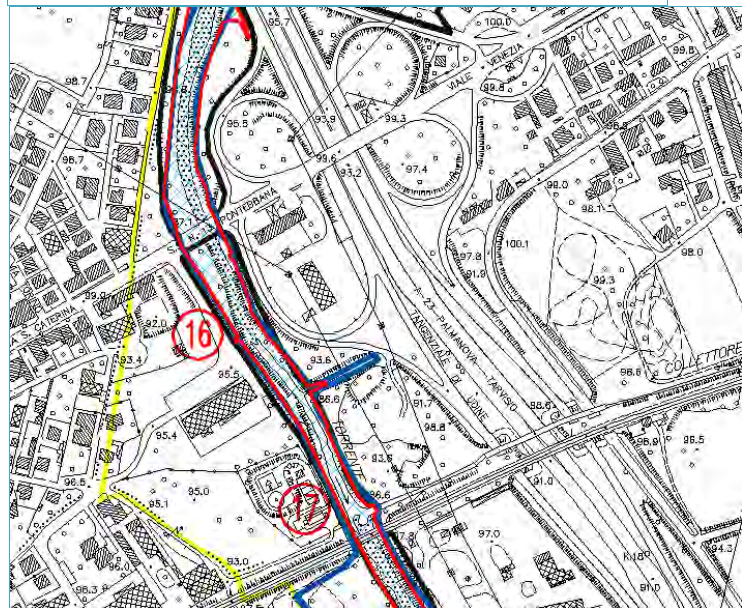
H21

Sottozona

Planimetria stato di fatto



Planimetria nuovi vincoli



Legenda

— Limite PRGC
 — Limite AdBR
 — Esond. senza opere

— Opere mitigative
 — Aree in sicurezza

Descrizione stato di fatto

L'area si colloca alla quota di 96.15 m s.l.m. e non è soggetta a vincoli urbanistici o del PAI Cormor.
 Dall'analisi idraulica condotta risulta che i deflussi del Cormor si attestano alla quota 87.88 m s.l.m.

Misure mitigative del rischio idraulico

Non sono necessarie misure mitigative del rischio idraulico

Situazione di progetto

L'area è compatibile con iniziative edilizie.

Note

Servizi tecnologici

Zona-omogenea

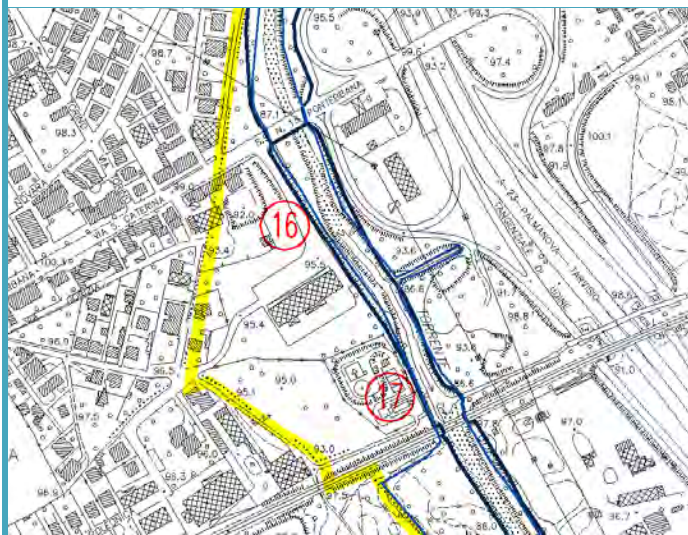
S

Zona

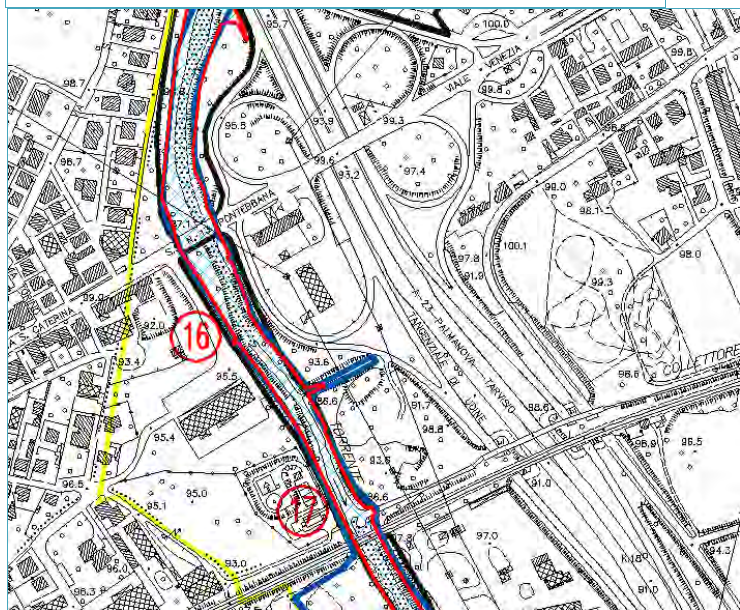
S.ST

Sottozona

Planimetria stato di fatto



Planimetria nuovi vincoli



Legenda

— Limite PRGC
 — Limite AdBR
 — Esond. senza opere

— Opere mitigative
 — Aree in sicurezza

Descrizione stato di fatto

L'area si colloca alla quota 95.12 m s.l.m. compatibile con i deflussi di massima piena che si instaurano alla quota 88.92 m s.l.m.. Allo stato attuale l'area non è soggetta a vincoli di esondabilità ed anche il modello idraulico elaborato conferma che i deflussi non interessano la suddetta area.

Misure mitigative del rischio idraulico

Non sono necessarie misure mitigative del rischio idraulico del Cormor

Situazione di progetto

L'area è compatibile con l'attuale utilizzo ed eventuali espansioni di strutture adibite a servizi.

Note

Zona residenziale

Zona-omogenea

B

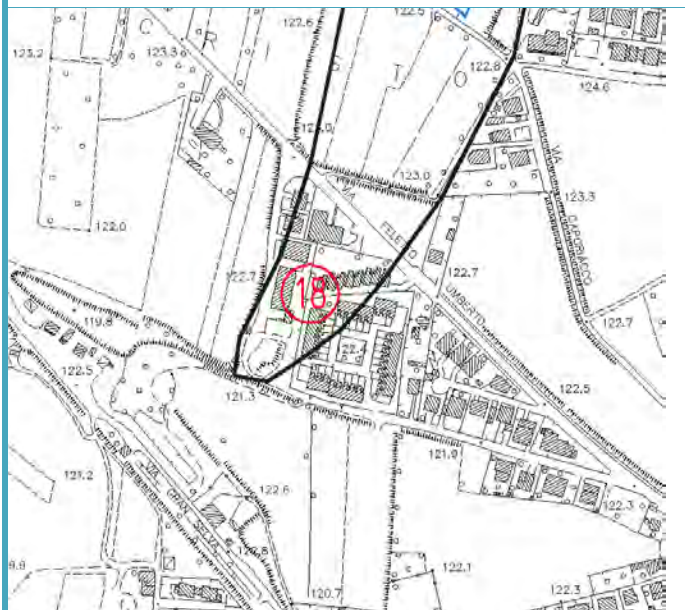
Zona

Bo

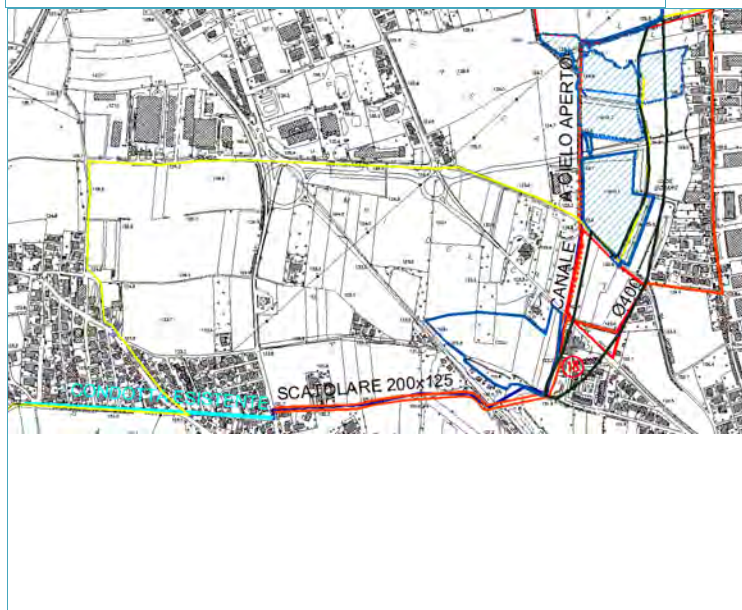
Sottozona

Boe

Planimetria stato di fatto



Planimetria nuovi vincoli



Legenda

Limite PRGC
 Limite AdBR
 Esond. senza opere

Opere mitigative
 Aree in sicurezza

Descrizione stato di fatto

L'area residenziale risulta inserita all'interno delle aree esondabili del piano urbanistico comunale - linea nera in figure - in quanto soggetta ad esondazione a carico delle acque del rio Tresemane. Anche l'analisi idraulica condotta evidenzia il permanere di pericolo di esondazione anche per aree poste a valle delle attuali casse di espansione - evidenziate con campitura azzurra nella figura di progetto-. Dall'analisi idraulica condotta sul rio Tresemane si può ovviare a detto problema provvedendo alla realizzazione di una condotta di scarico che dai bacini esistenti recapiti le acque di deflusso verso il sistema fognario parzialmente esistente (via Micesio) e quindi verso il Cormor per portate massime di 9 mc/s.

Misure mitigative del rischio idraulico

Attraverso la realizzazione della condotta di scarico dai bacini di laminazione verso il sistema fognario esistente - della lunghezza di circa 1'150 m - è possibile eliminare il vincolo di esondabilità attualmente esistente.

Detta condotta deve garantire il deflusso di almeno 5 mc/s.

Situazione di progetto

Con la realizzazione dell'intervento di recapito delle acque verso il Cormor è possibile svincolare l'area di interesse e quindi renderla compatibile con libere iniziative edilizie.

Anche le limitrofe aree attualmente destinate ad attività agricola potranno essere destinate a interventi di edilizia.

Note

Servitù militari

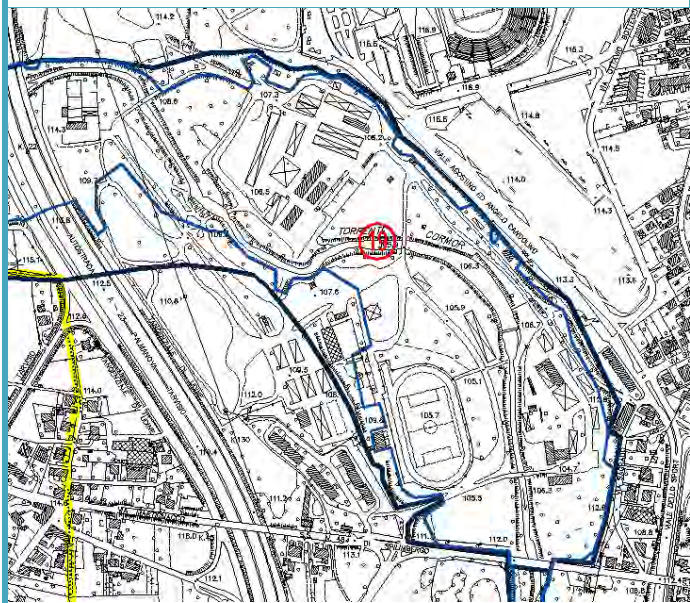
Zona-omogenea

Zona

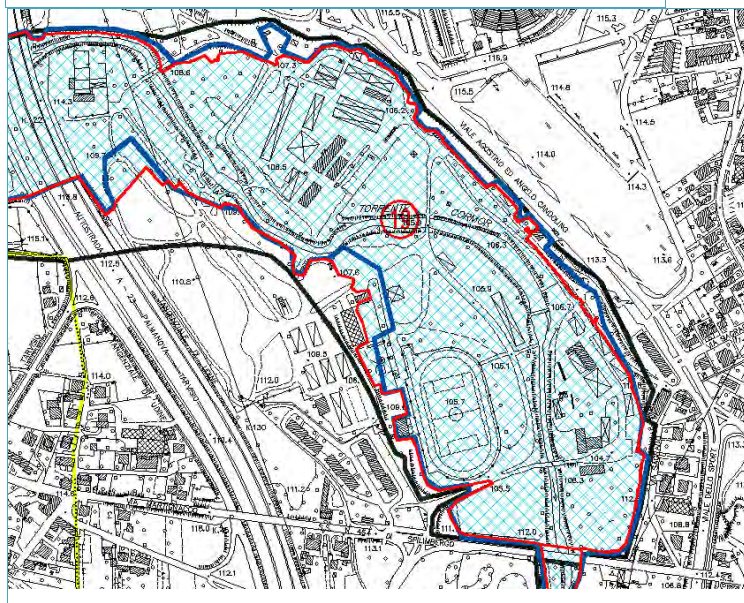
Sottozona

S.MIL

Planimetria stato di fatto



Planimetria nuovi vincoli



Legenda

 Limite PRGC
 Limite AdBR
 Esond. senza opere

 Opere mitigative
 Aree in sicurezza

Descrizione stato di fatto

L'area in argomento si colloca all'interno dell'area di naturale espansione del Cormor; l'impossibilità di accesso all'area - causa le attività militari in atto - non ha permesso di approfondire la compatibilità delle strutture ivi presenti con i deflussi delle piene del Cormor. L'area risulta esondabile sia nei riguardi dello strumento urbanistico comunale vigente che del PAI Cormor. Anche lo studio idraulico condotto conferma l'impegno dell'area da parte delle acque di deflusso.

Misure mitigative del rischio idraulico

Allo stato attuale non sono possibili misure mitigative per l'area in argomento.

Solo l'eventuale diversione del Cormor verso il Torre per circa 100 mc/s - previsto dal piano stralcio per la sicurezza idraulica del Cormor dell'Autorità di Bacino regionale - potrebbe permettere una revisione dei vincoli per quest'area.

Situazione di progetto

L'area rimane esondabile sul limite definito dal Piano stralcio, pertanto non sono possibili nuove iniziative edilizie.

