

APPENDICE 1

Outputs grafici e numerici delle simulazioni effettuate in regime di moto vario con il software Hec-Ras.

Botro Quercetano

Stato attuale



1) A TR200 2) A TR30

quercetano quercetano

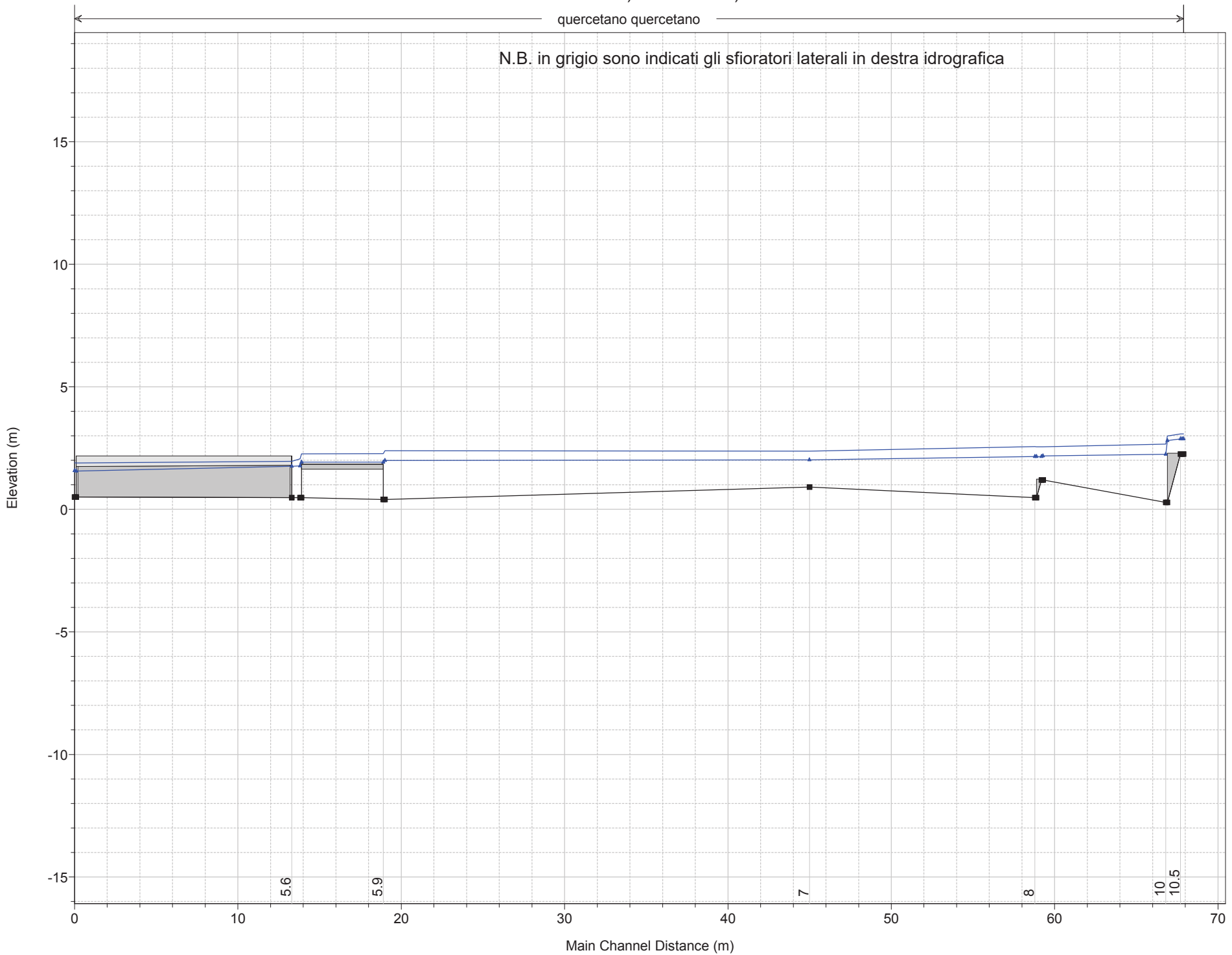
N.B. in grigio sono indicati gli sfioratori laterali in destra idrografica

Legend

WS Max WS - A TR200

WS Max WS - A TR30

Ground



1 cm Horiz. = 3 m 1 cm Vert. = 2 m

1) A TR200 2) A TR30

← quercetano quercetano →

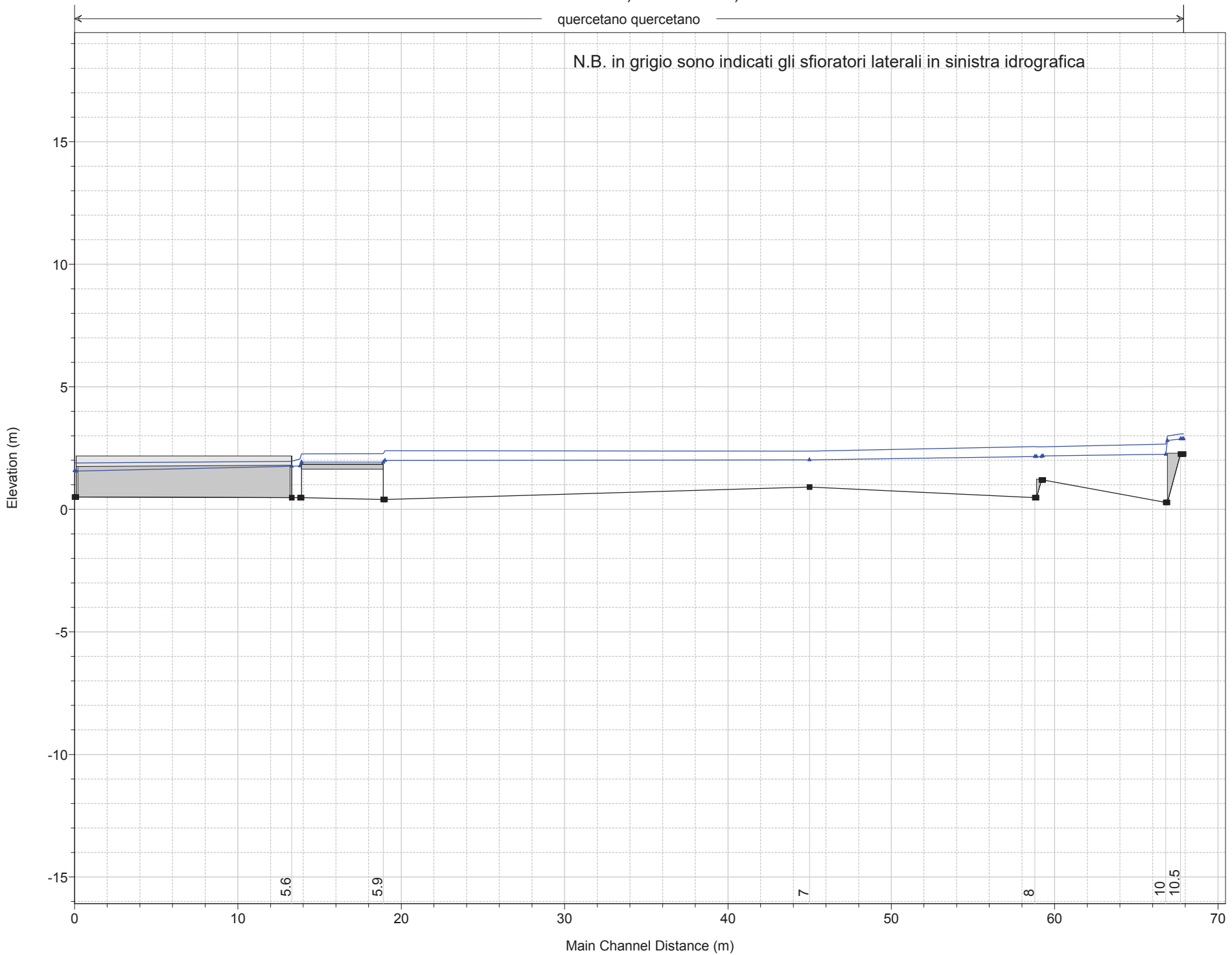
N.B. in grigio sono indicati gli sfioratori laterali in sinistra idrografica

Legend

WS Max WS - A TR200

WS Max WS - A TR30

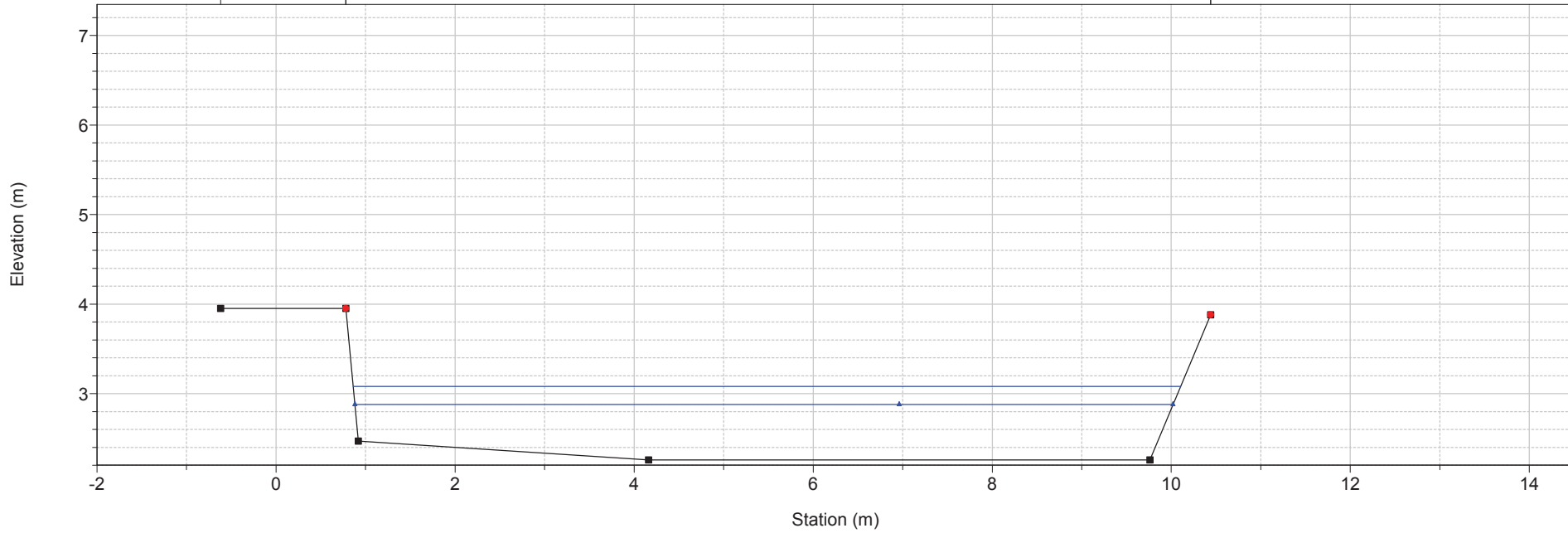
Ground



1 cm Horiz. = 3 m 1 cm Vert. = 2 m

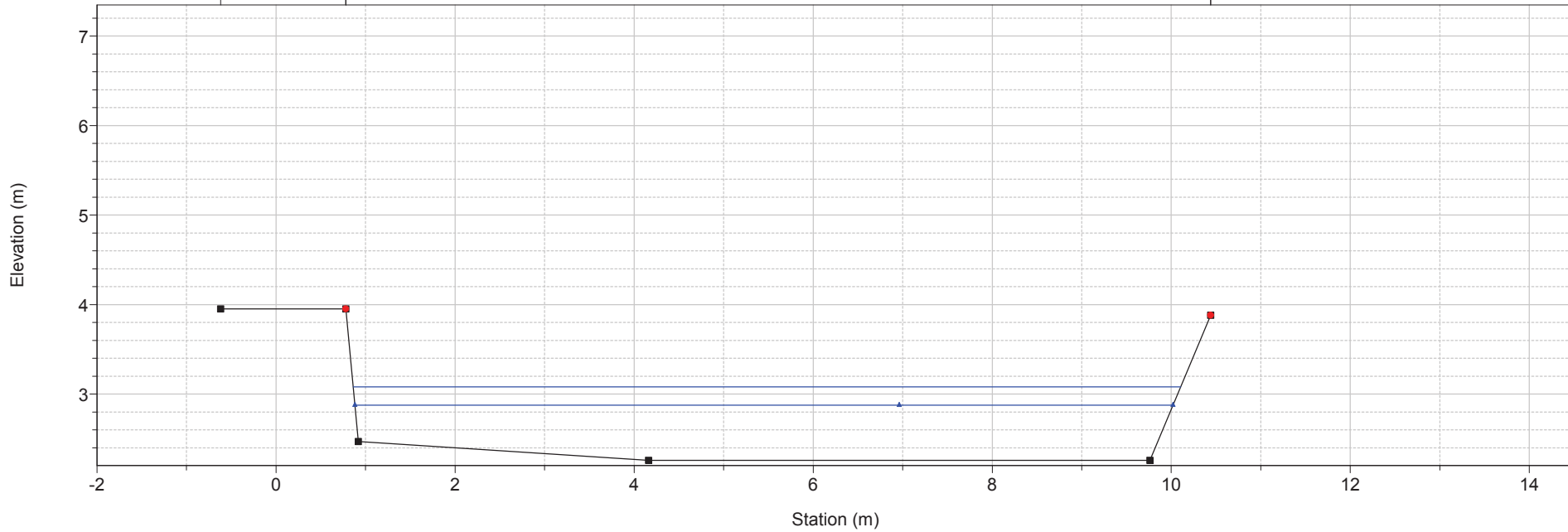
1) A TR200 2) A TR30
River = quercetano Reach = quercetano RS = 11 sez 5 m rilievo

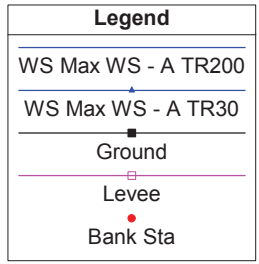
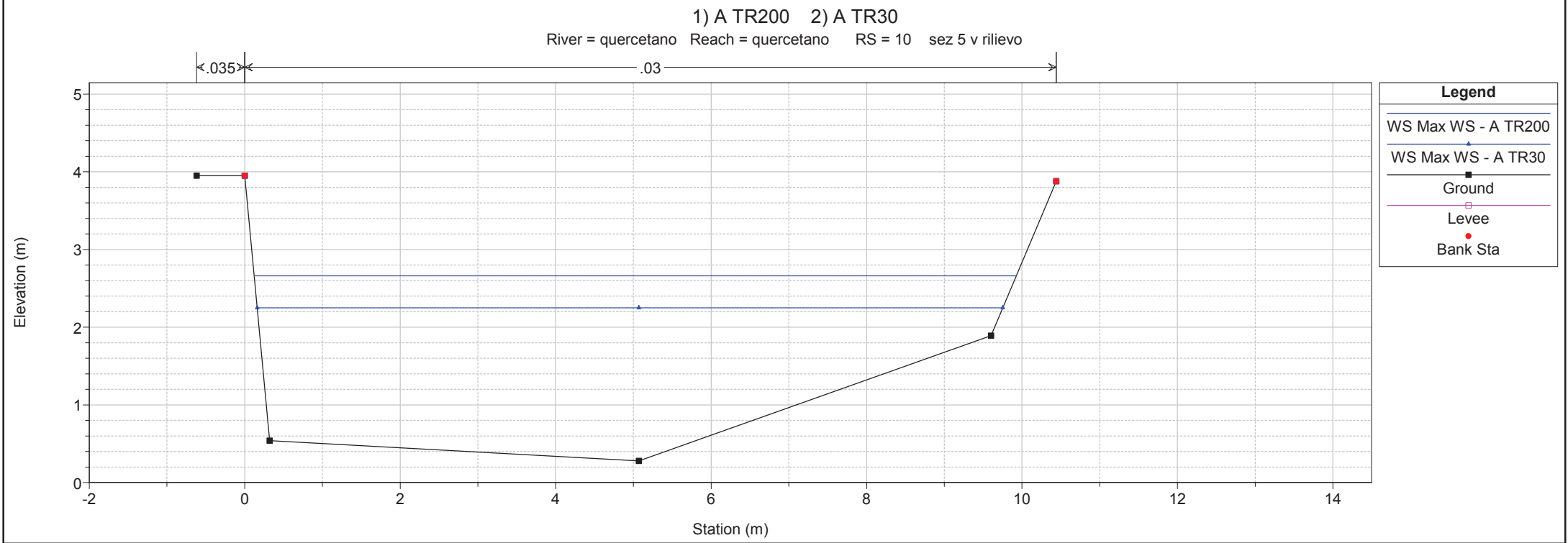
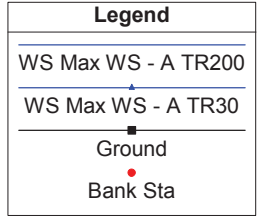
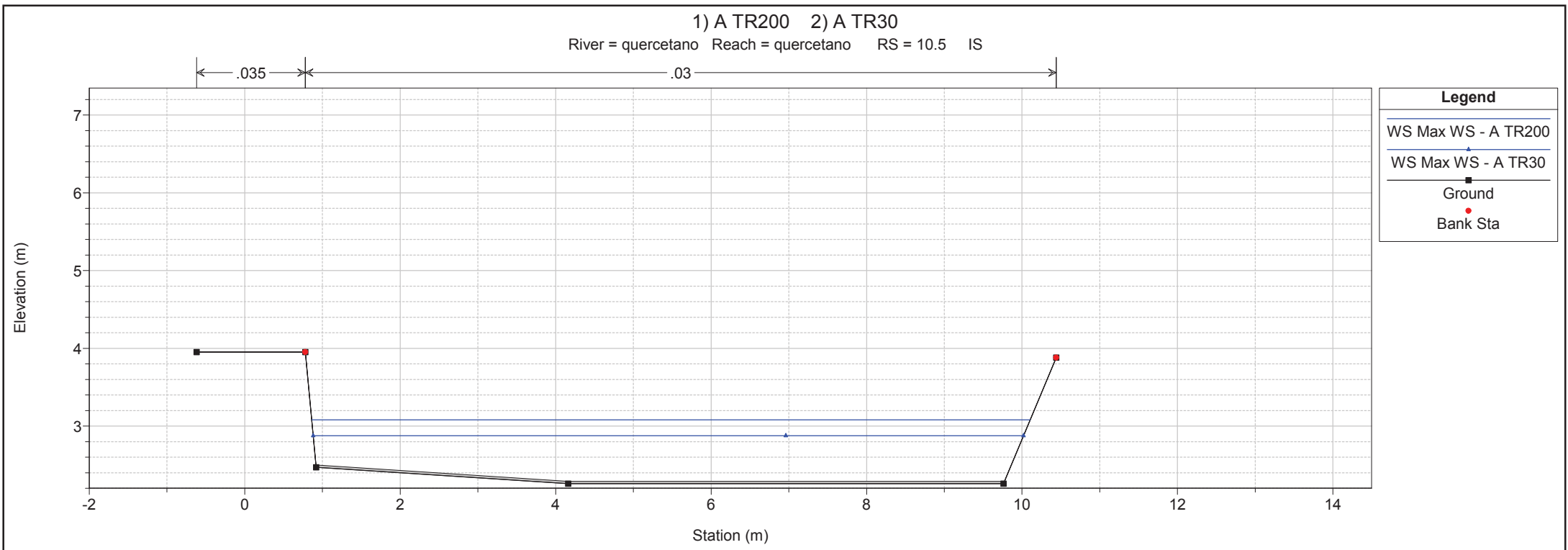
← .035 → * ← .03 → *



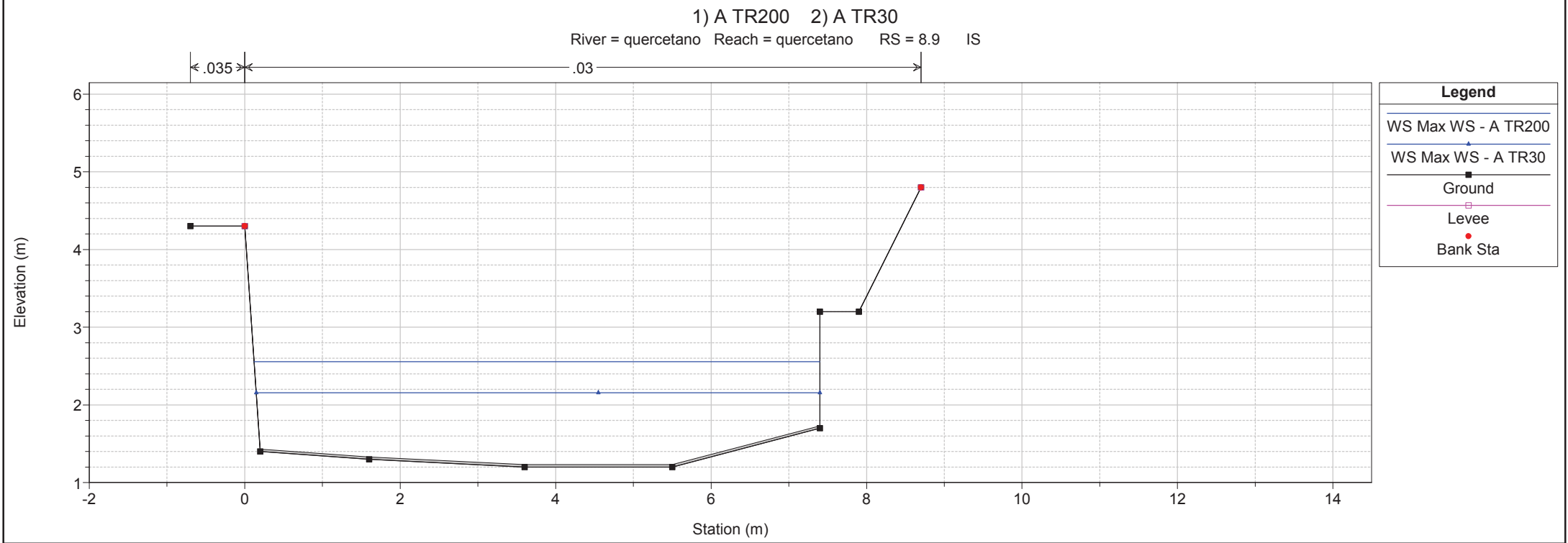
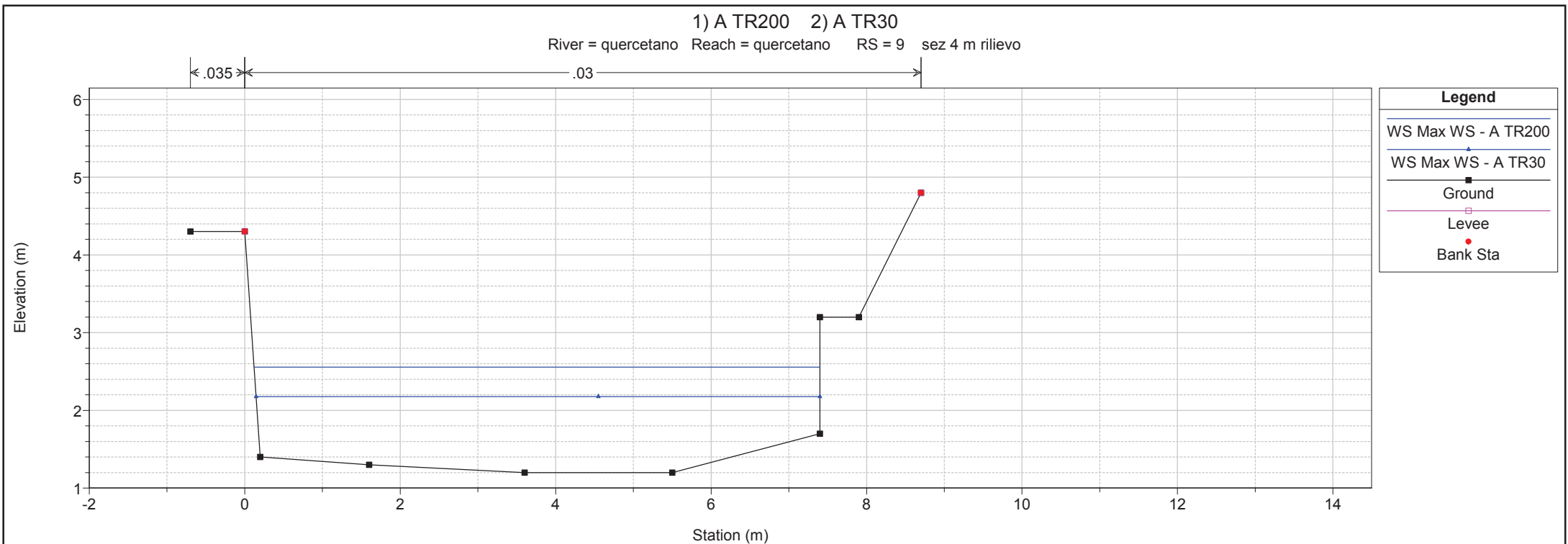
1) A TR200 2) A TR30
River = quercetano Reach = quercetano RS = 10.8 sez 5 m rilievo

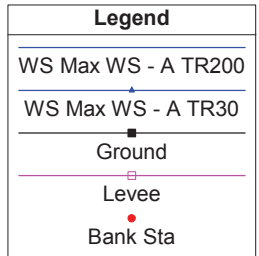
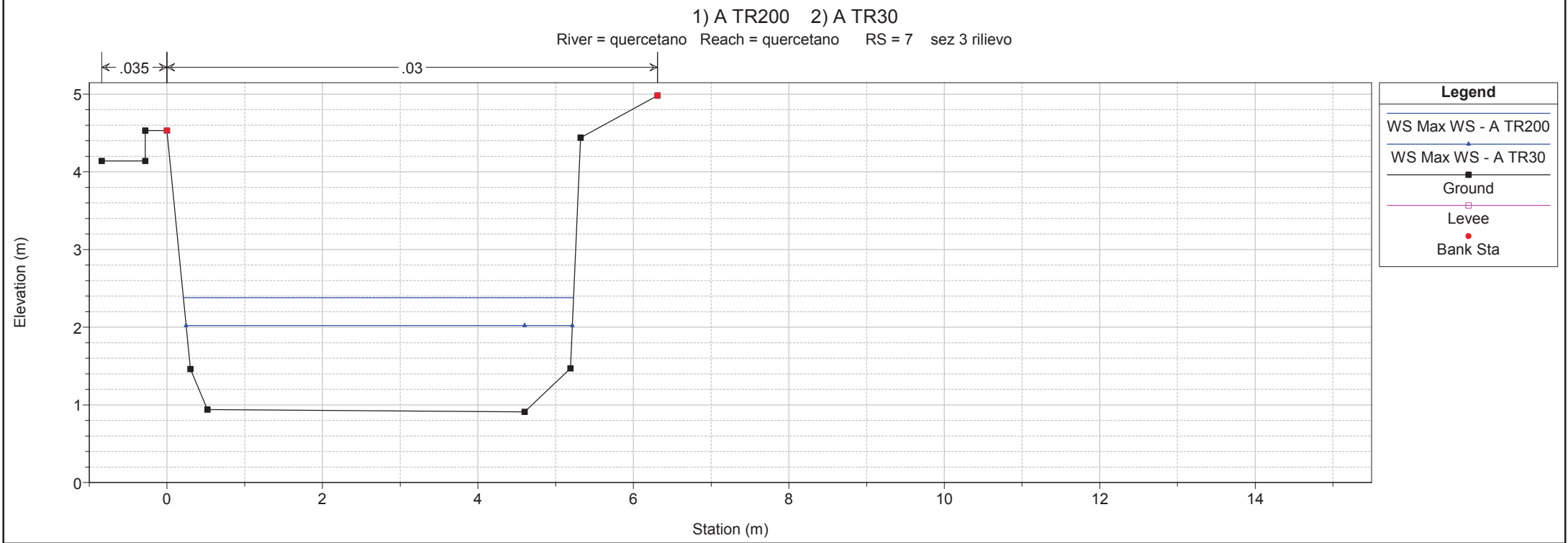
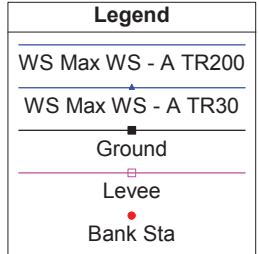
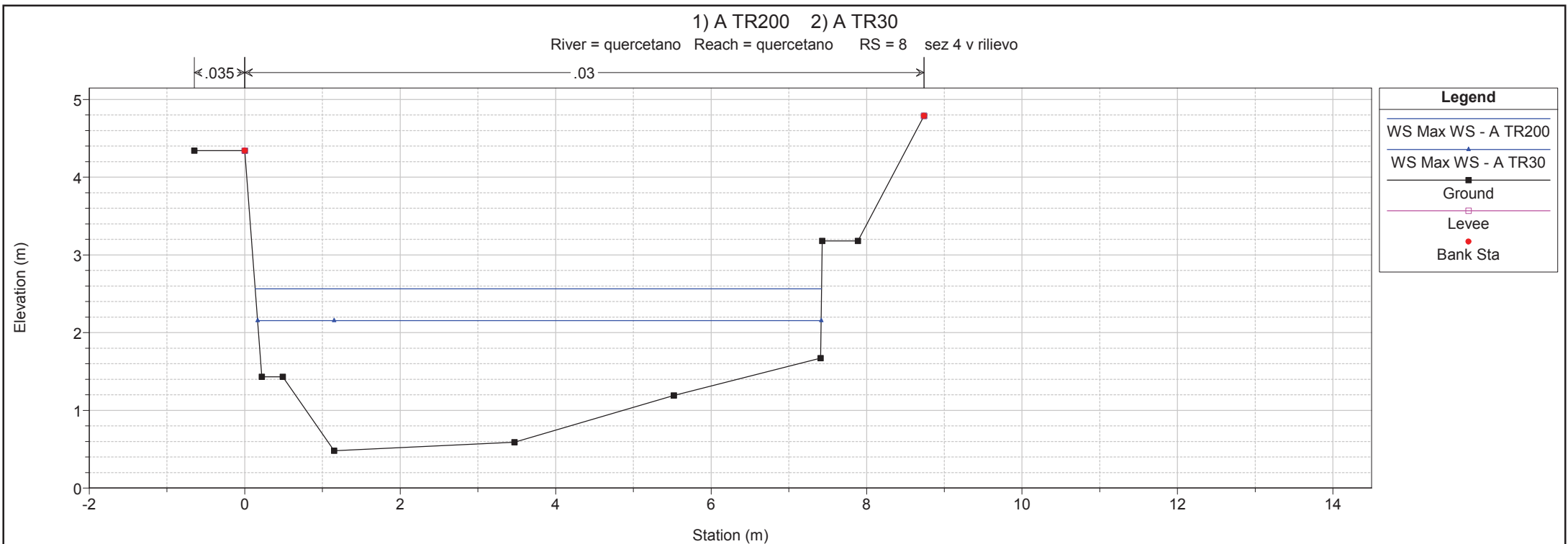
← .035 → * ← .03 → *



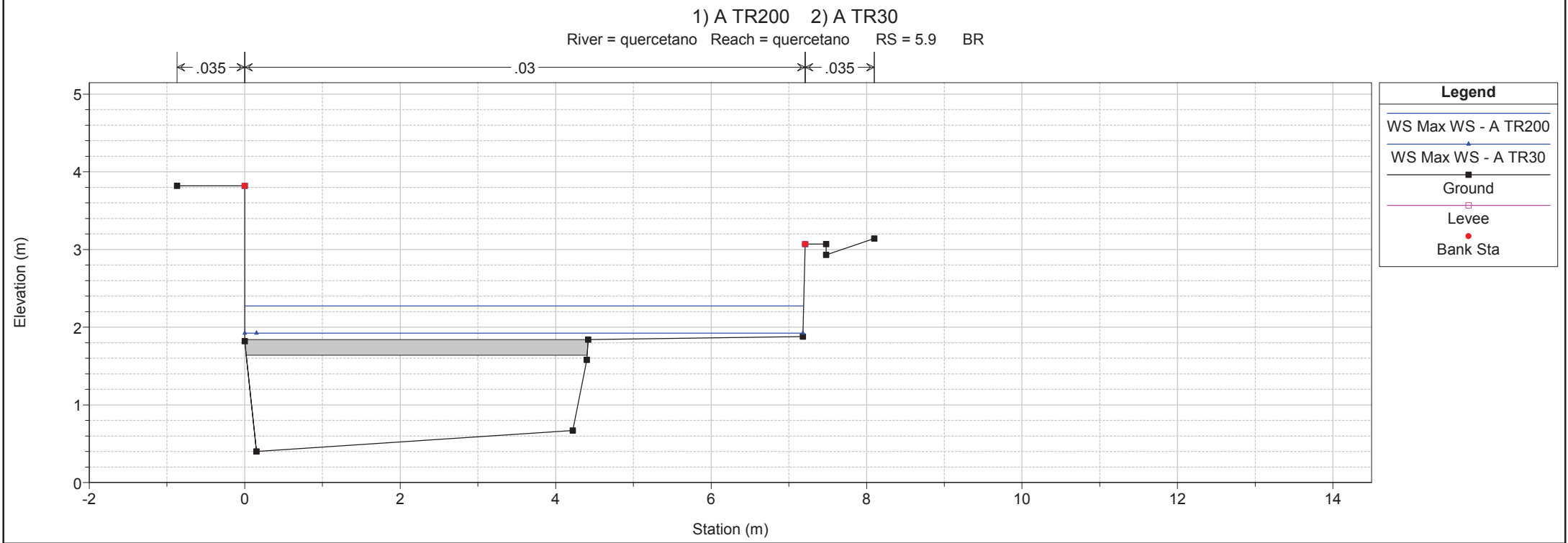
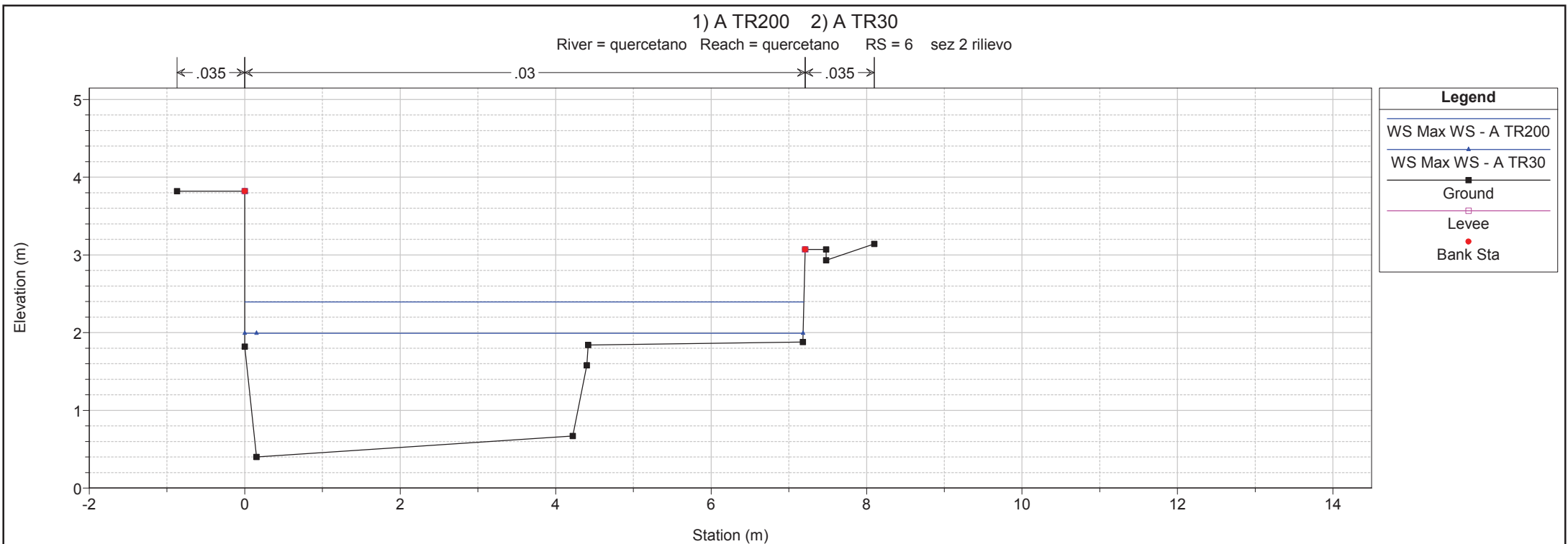


1 cm Horiz. = 0.7 m 1 cm Vert. = 0.7 m

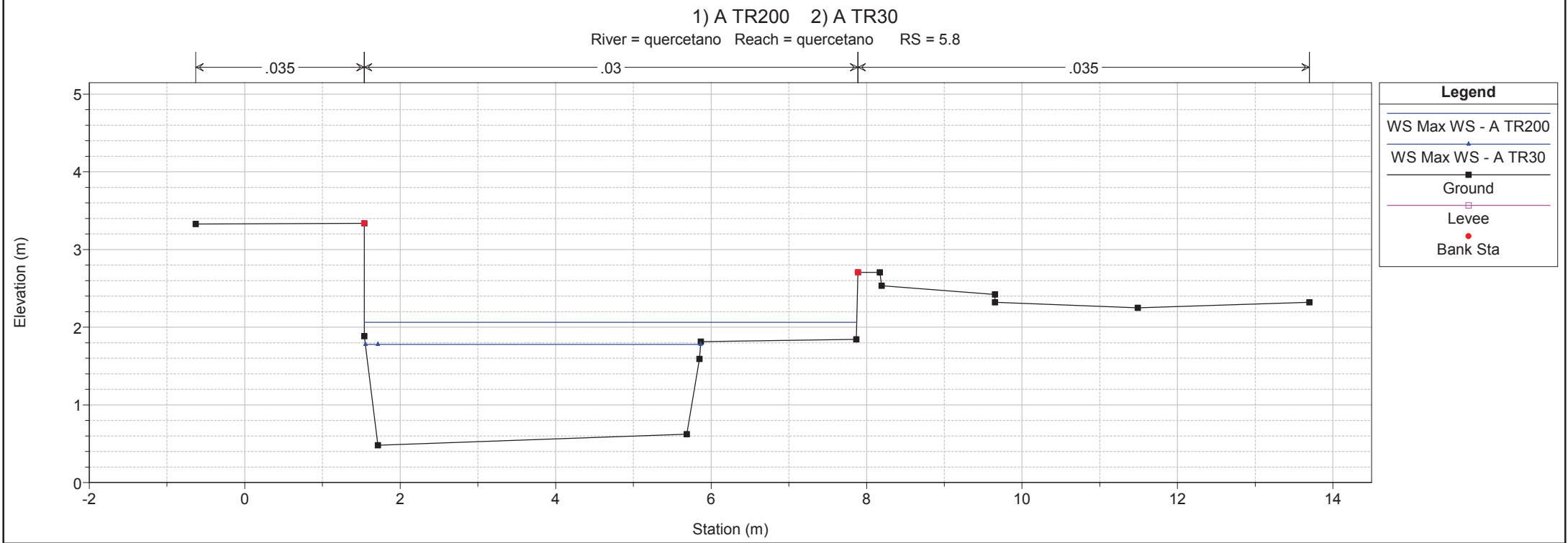
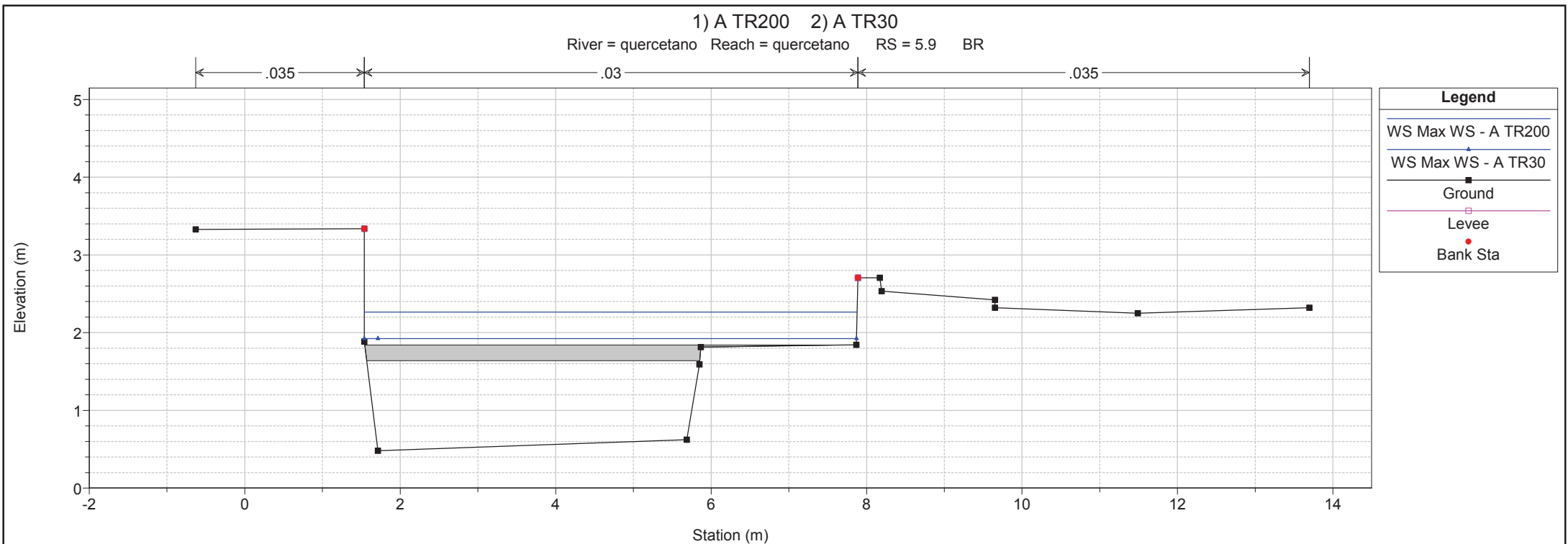




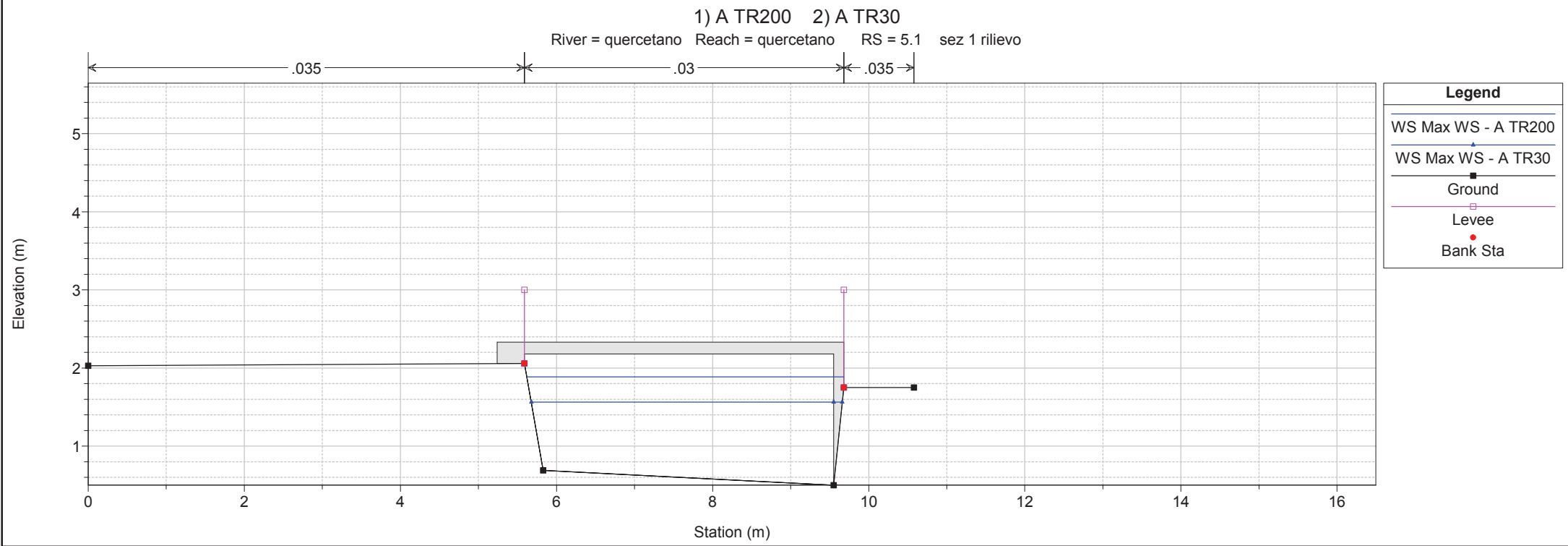
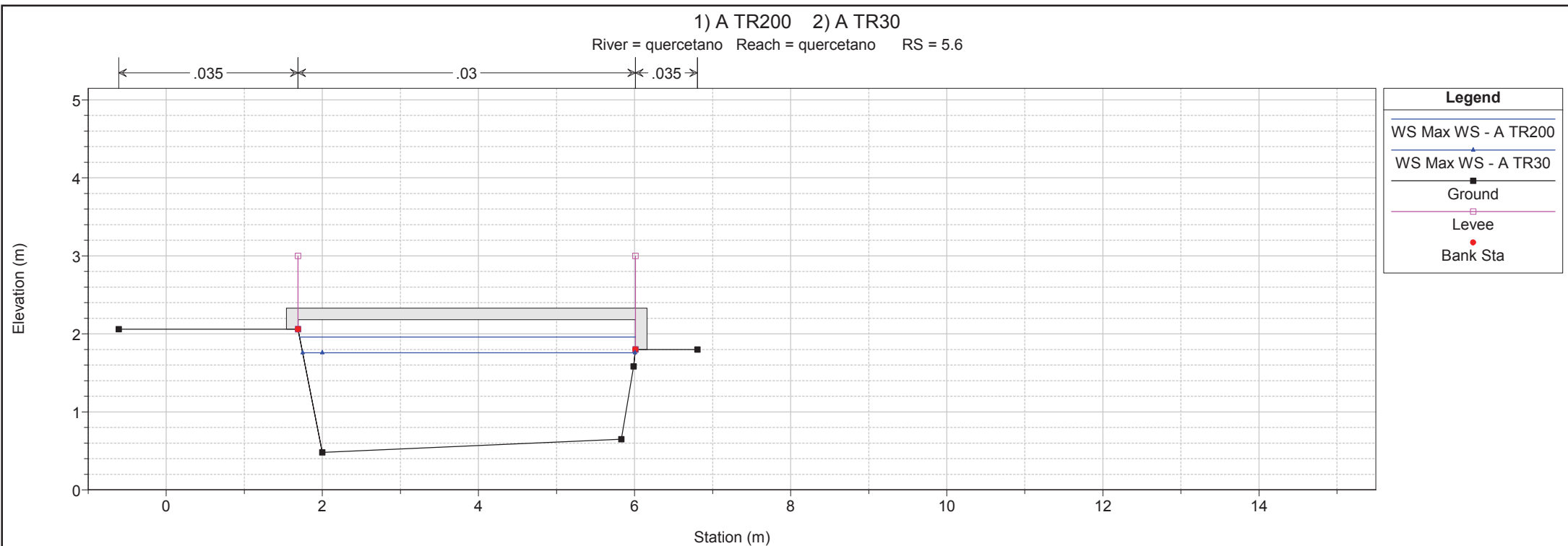
1 cm Horiz. = 0.7 m 1 cm Vert. = 0.7 m



1 cm Horiz. = 0.7 m 1 cm Vert. = 0.7 m



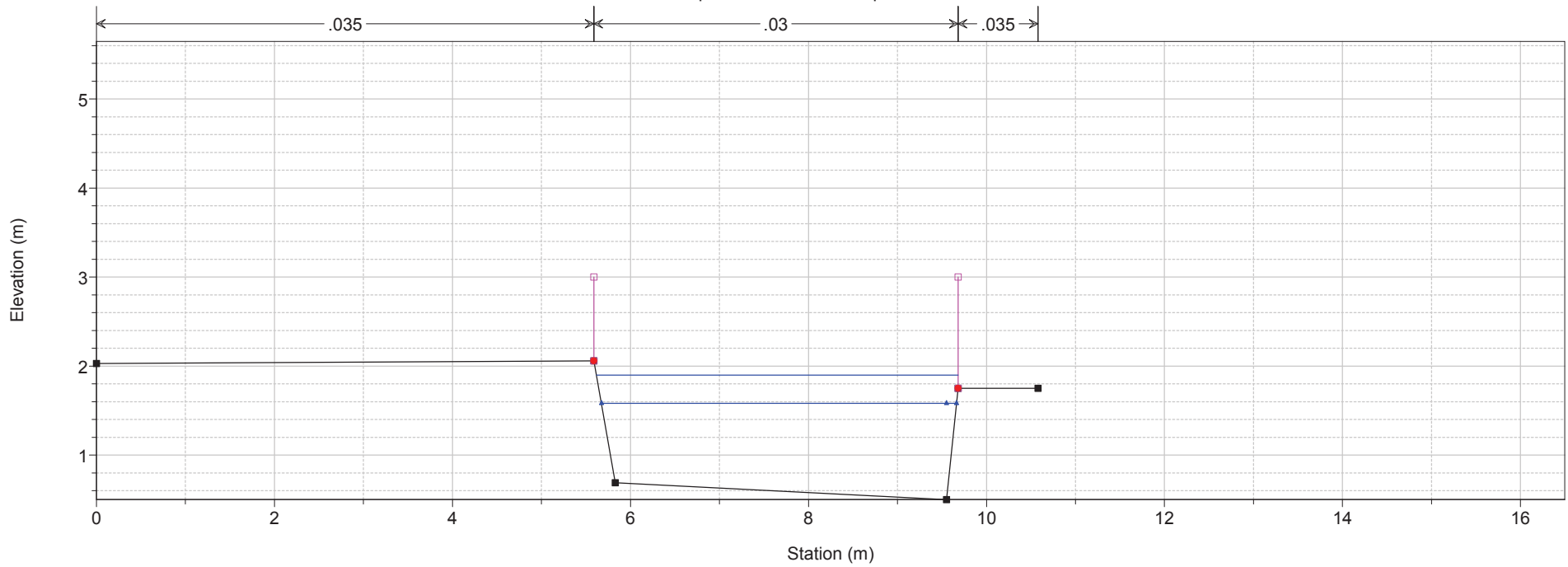
1 cm Horiz. = 0.7 m 1 cm Vert. = 0.7 m



1 cm Horiz. = 0.7 m 1 cm Vert. = 0.7 m

1) A TR200 2) A TR30

River = quercetano Reach = quercetano RS = 5 sez 1 rilievo



Legend

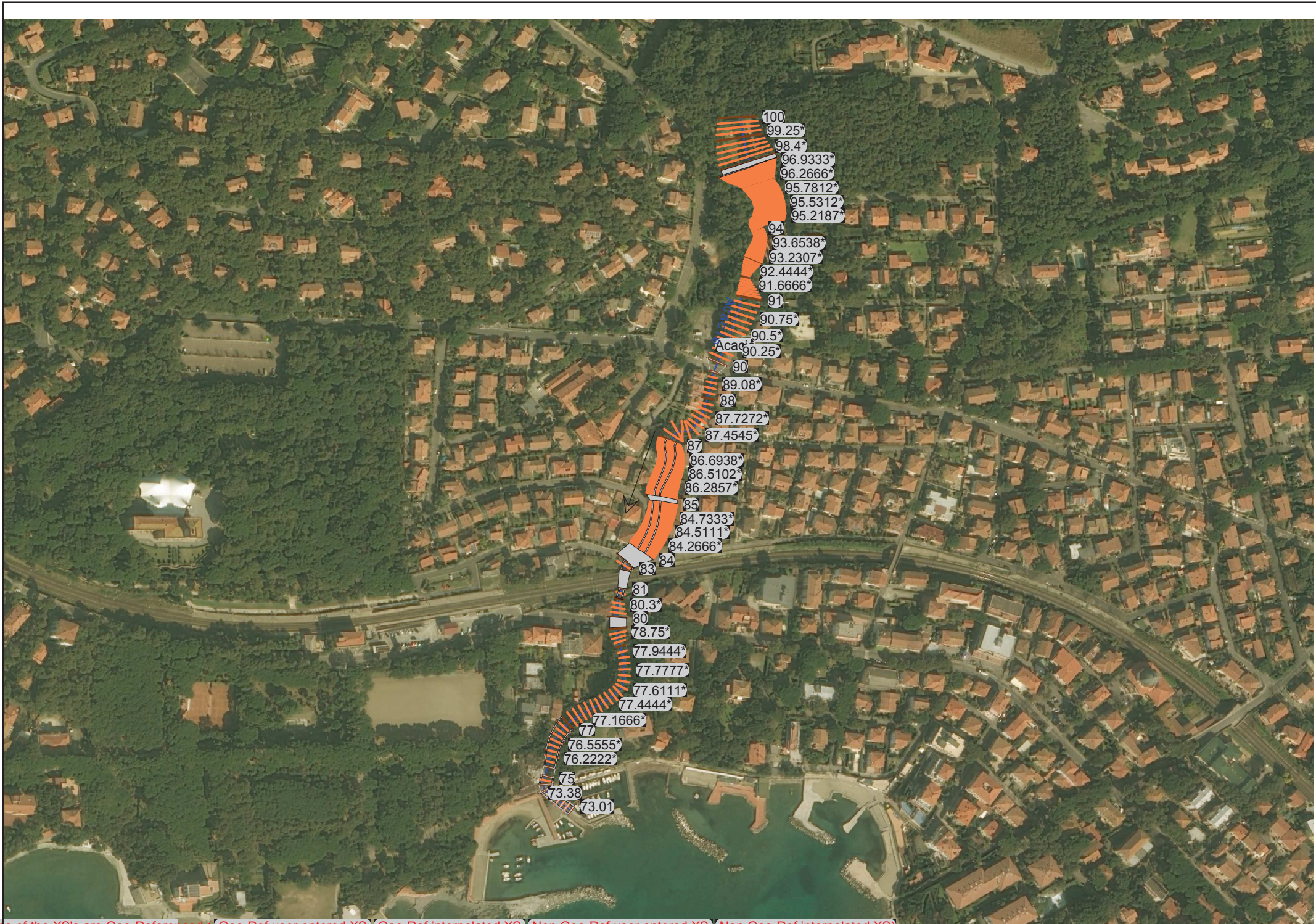
- WS Max WS - A TR200 (Blue line with arrows)
- WS Max WS - A TR30 (Purple line with squares)
- Ground (Black line)
- Levee (Pink line with squares)
- Bank Sta (Red dot)

Reach	River Sta	Plan	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
quercetano	11	A TR200	15.15	2.26	3.08	2.96	3.31	0.006848	2.14	7.08	9.24	0.78
quercetano	11	A TR30	9.14	2.26	2.88	2.77	3.04	0.006523	1.75	5.22	9.14	0.74
quercetano	10.8	A TR200	15.15	2.26	3.08	2.96	3.31	0.006890	2.15	7.06	9.24	0.78
quercetano	10.8	A TR30	9.14	2.26	2.88	2.77	3.03	0.006578	1.76	5.20	9.14	0.74
quercetano	10.5		Inl Struct									
quercetano	10	A TR200	15.16	0.28	2.66	1.29	2.70	0.000383	0.84	18.15	9.80	0.20
quercetano	10	A TR30	9.14	0.28	2.25	1.05	2.27	0.000288	0.64	14.19	9.59	0.17
quercetano	9	A TR200	15.15	1.20	2.56	2.08	2.70	0.002633	1.68	9.03	7.28	0.48
quercetano	9	A TR30	9.02	1.20	2.18	1.85	2.28	0.002798	1.44	6.27	7.25	0.49
quercetano	8.9		Inl Struct									
quercetano	8	A TR200	15.15	0.48	2.56	1.71	2.65	0.001201	1.29	11.70	7.29	0.33
quercetano	8	A TR30	9.23	0.48	2.15	1.46	2.21	0.001057	1.06	8.73	7.25	0.31
quercetano	7	A TR200	15.15	0.91	2.38	1.96	2.62	0.004555	2.18	6.95	5.02	0.59
quercetano	7	A TR30	9.19	0.91	2.02	1.68	2.18	0.003925	1.78	5.17	4.97	0.56
quercetano	6	A TR200	15.15	0.40	2.39	1.64	2.52	0.002656	1.60	9.47	7.19	0.44
quercetano	6	A TR30	9.16	0.40	1.99	1.33	2.09	0.002940	1.39	6.58	7.18	0.46
quercetano	5.9		Bridge									
quercetano	5.8	A TR200	15.15	0.48	2.06	1.68	2.32	0.006522	2.23	6.79	6.33	0.69
quercetano	5.8	A TR30	9.16	0.48	1.78	1.36	1.94	0.004005	1.80	5.09	4.31	0.53
quercetano	5.6	A TR200	15.15	0.48	1.96	1.71	2.32	0.007583	2.66	5.70	4.30	0.74
quercetano	5.6	A TR30	9.16	0.48	1.76	1.39	1.94	0.004550	1.89	4.84	4.26	0.57
quercetano	5.59		Lat Struct									
quercetano	5.58		Lat Struct									
quercetano	5.1	A TR200	13.84	0.50	1.89	1.71	2.28	0.007019	2.79	5.06	4.83	0.75
quercetano	5.1	A TR30	9.15	0.50	1.56	1.44	1.88	0.007582	2.49	3.67	3.87	0.77
quercetano	5	A TR200	13.84	0.50	1.90	1.70	2.28	0.009001	2.72	5.08	4.06	0.78
quercetano	5	A TR30	9.15	0.50	1.58	1.44	1.88	0.009013	2.41	3.80	3.99	0.79

Reach	River Sta	Plan	Q US (m3/s)	Q Leaving Total (m3/s)	Q DS (m3/s)	Q Weir (m3/s)	Q Gates (m3/s)	Wr Top Width (m)	Weir Max Depth (m)	Weir Avg Depth (m)	Min El Weir Flow (m)	E.G. US. (m)	W.S. US. (m)	E.G. DS (m)	W.S. DS (m)
quercetano	5.59	A TR200	15.15	1.28	13.84	1.28		13.00	0.16	0.15	1.75	2.32	1.96	2.28	1.89
quercetano	5.59	A TR30	9.16	0.00	9.15	0.00					1.75	1.94	1.76	1.88	1.57
quercetano	5.58	A TR200	15.15	0.00	13.84	0.00					2.05	2.32	1.96	2.28	1.89
quercetano	5.58	A TR30	9.16	0.00	9.15	0.00					2.05	1.94	1.76	1.88	1.57

Botro delle Acacie

Stato attuale

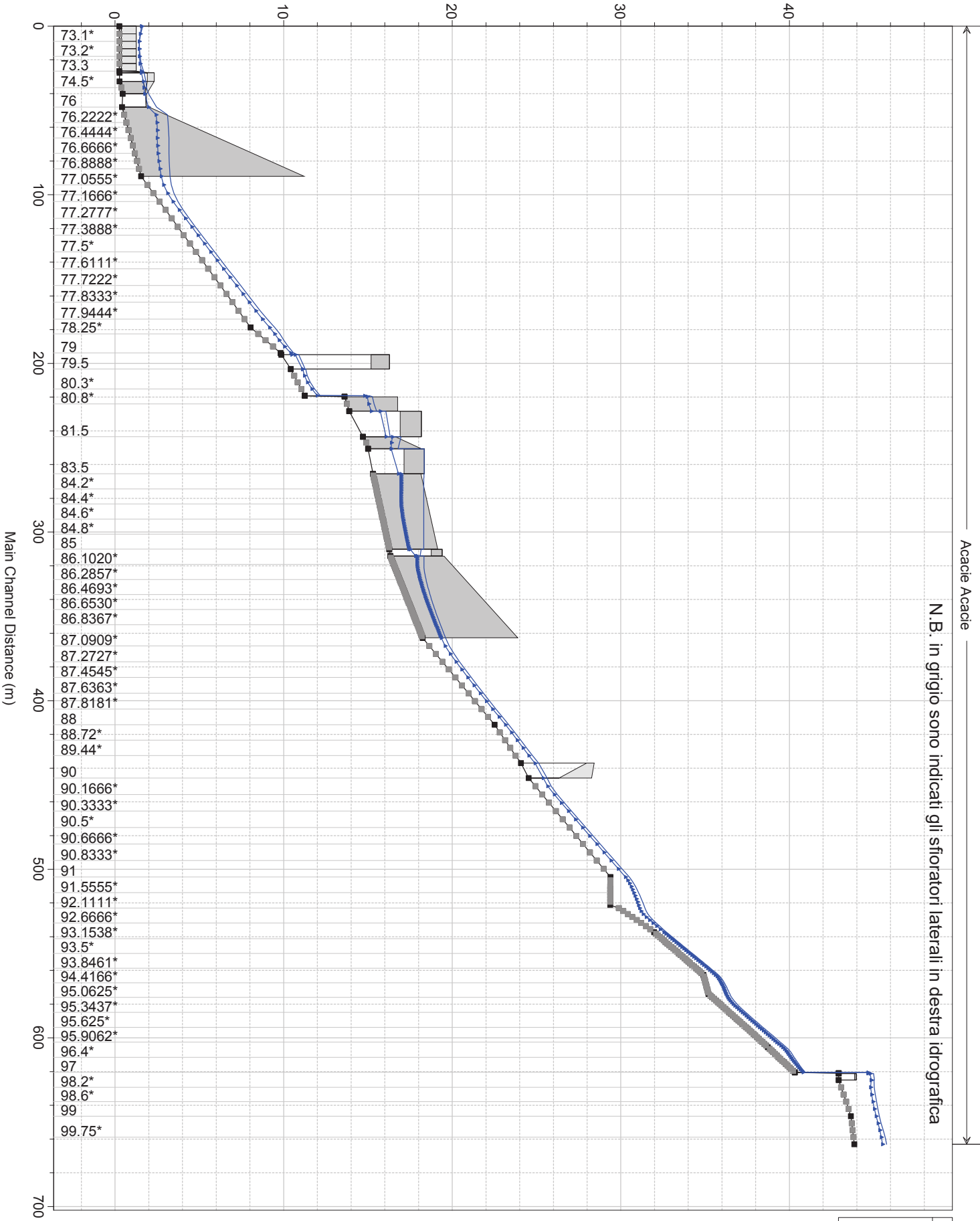


Note of the XS's are Geo-Referenced (Geo-Ref user entered XS, Geo-Ref interpolated XS, Non Geo-Ref user entered XS, Non Geo-Ref interpolated XS)

1 cm Horiz. = 39 m 1 cm Vert. = 32 m

1 cm Horiz. = 30 m 1 cm Vert. = 3 m

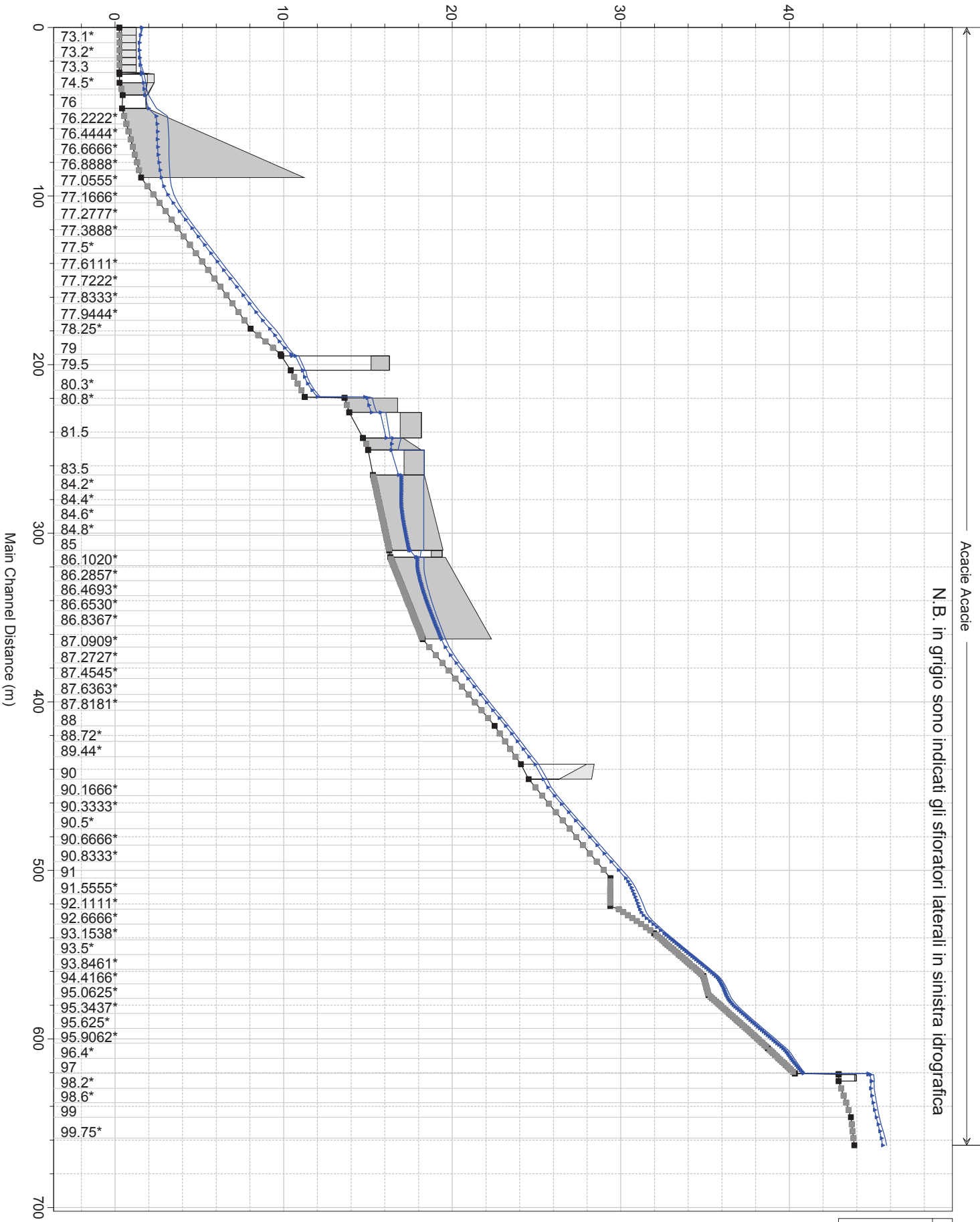
Elevation (m)



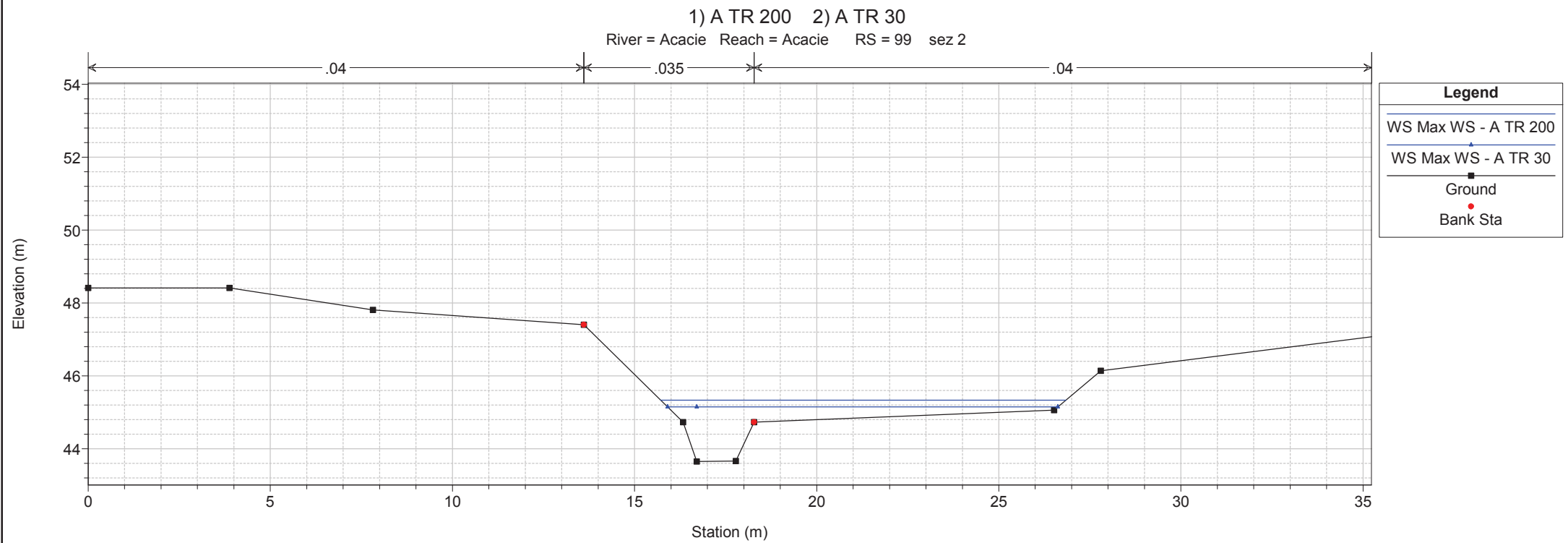
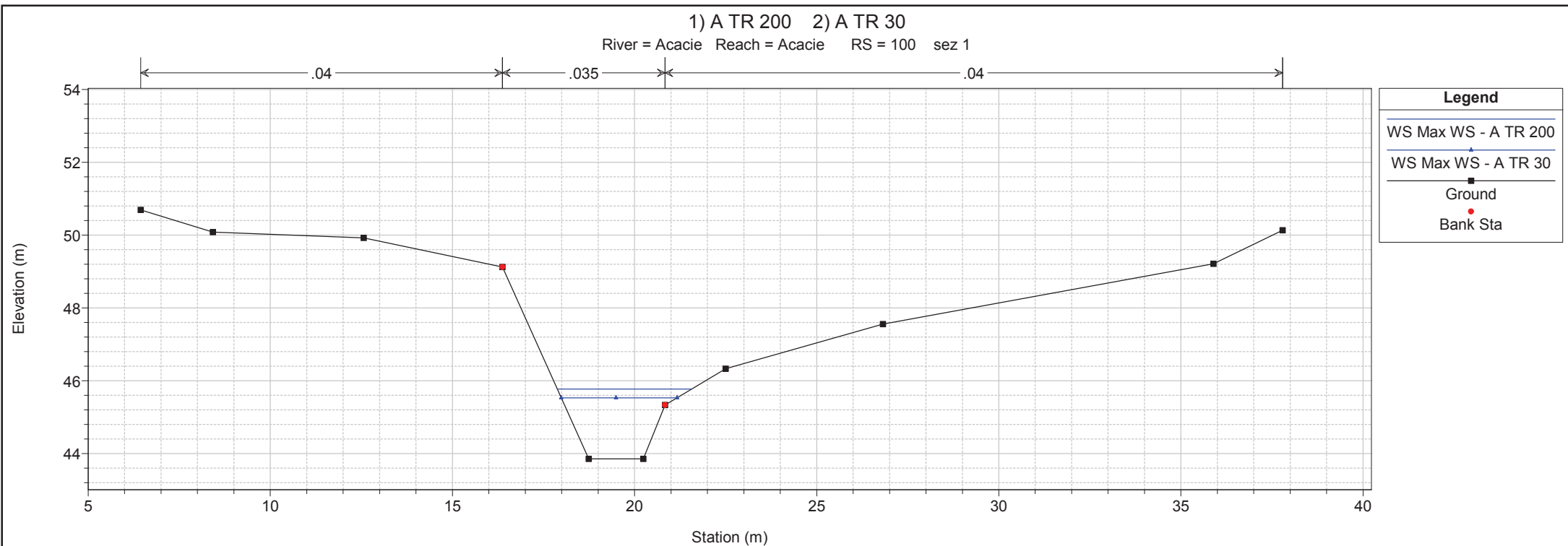
Legend	
—	WS Max WS - A TR 200
—	WS Max WS - A TR 30
■	Ground

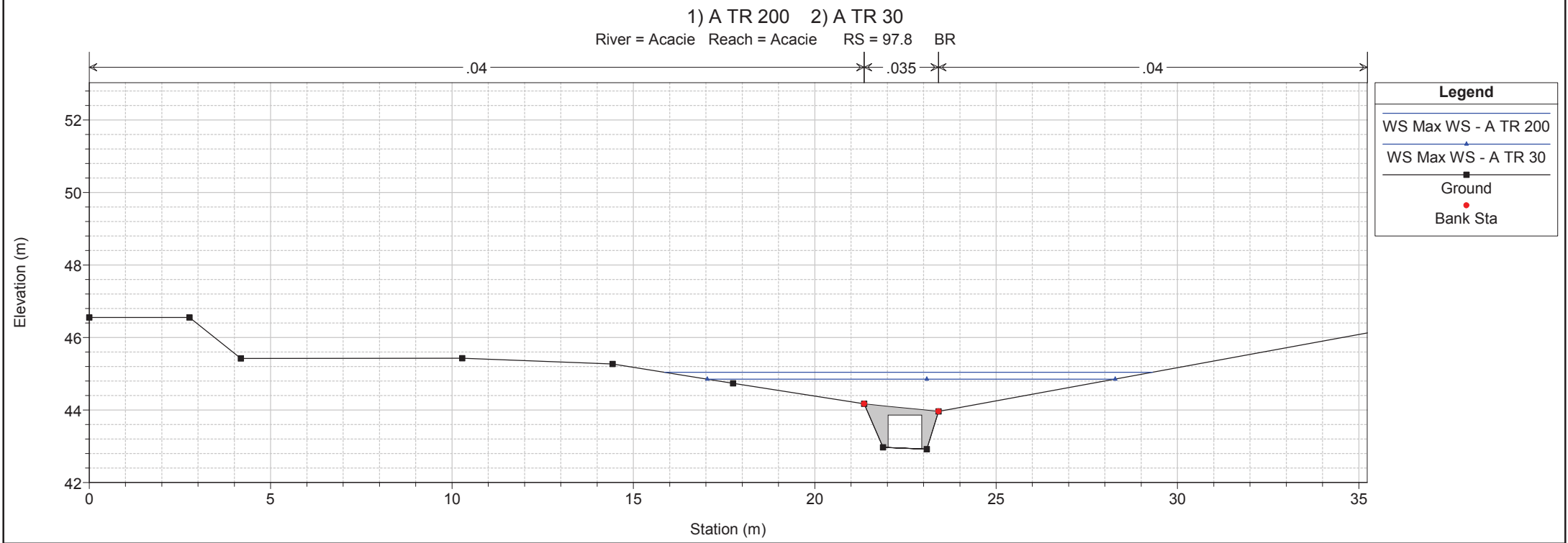
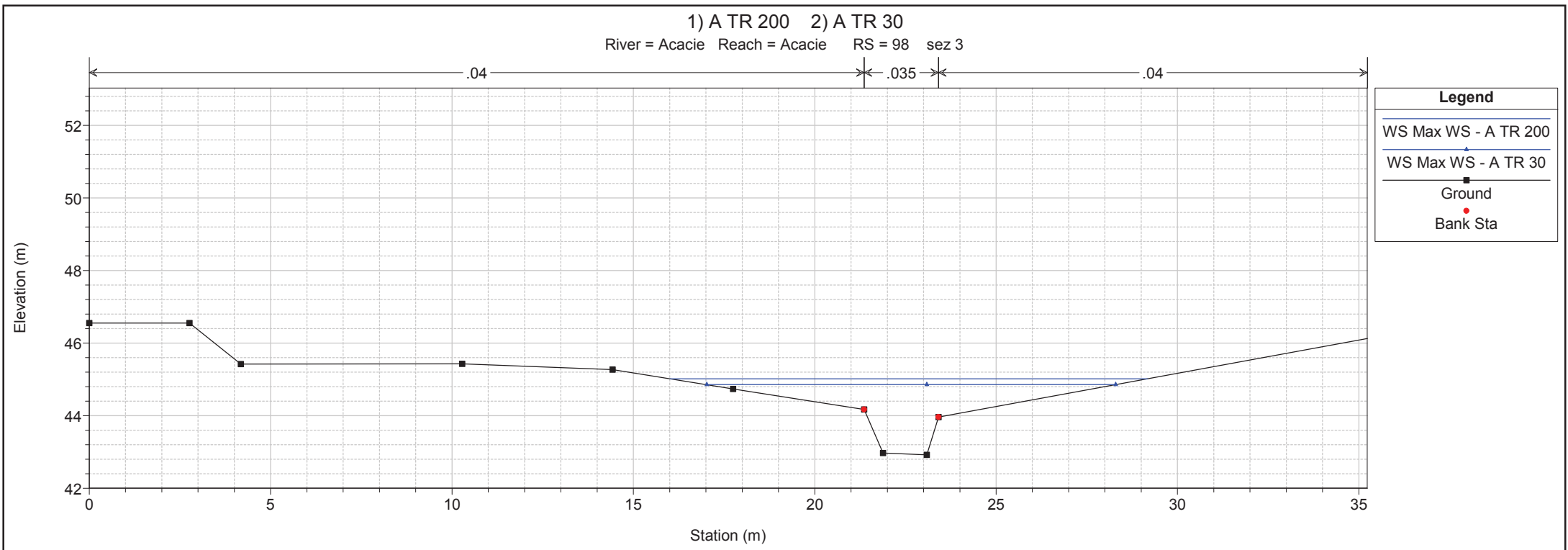
1 cm Horiz. = 30 m 1 cm Vert. = 3 m

Elevation (m)

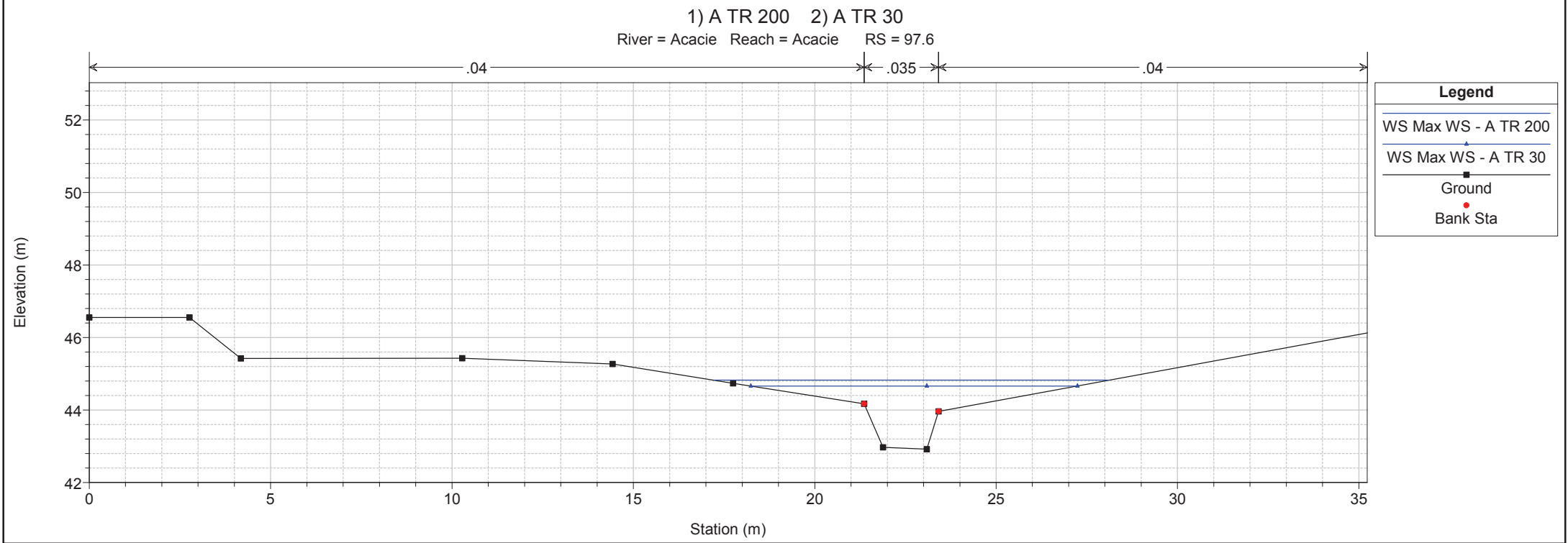
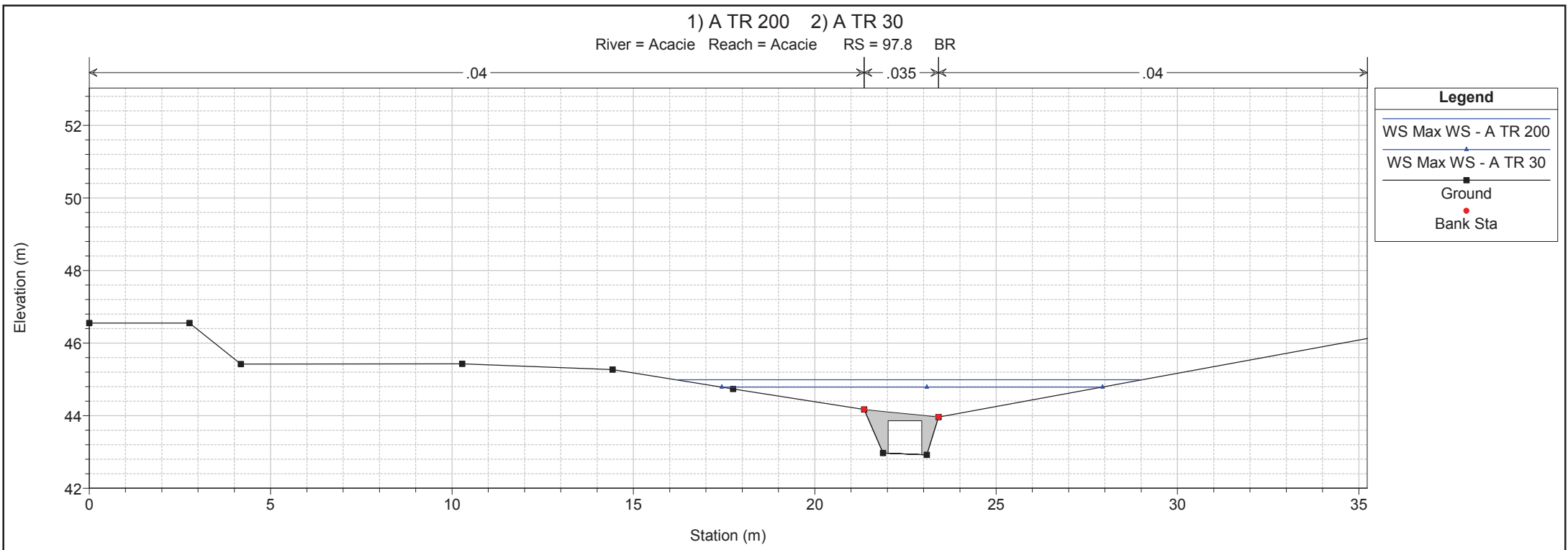


Legend	
—	WS Max WS - A TR 200
—	WS Max WS - A TR 30
■	Ground

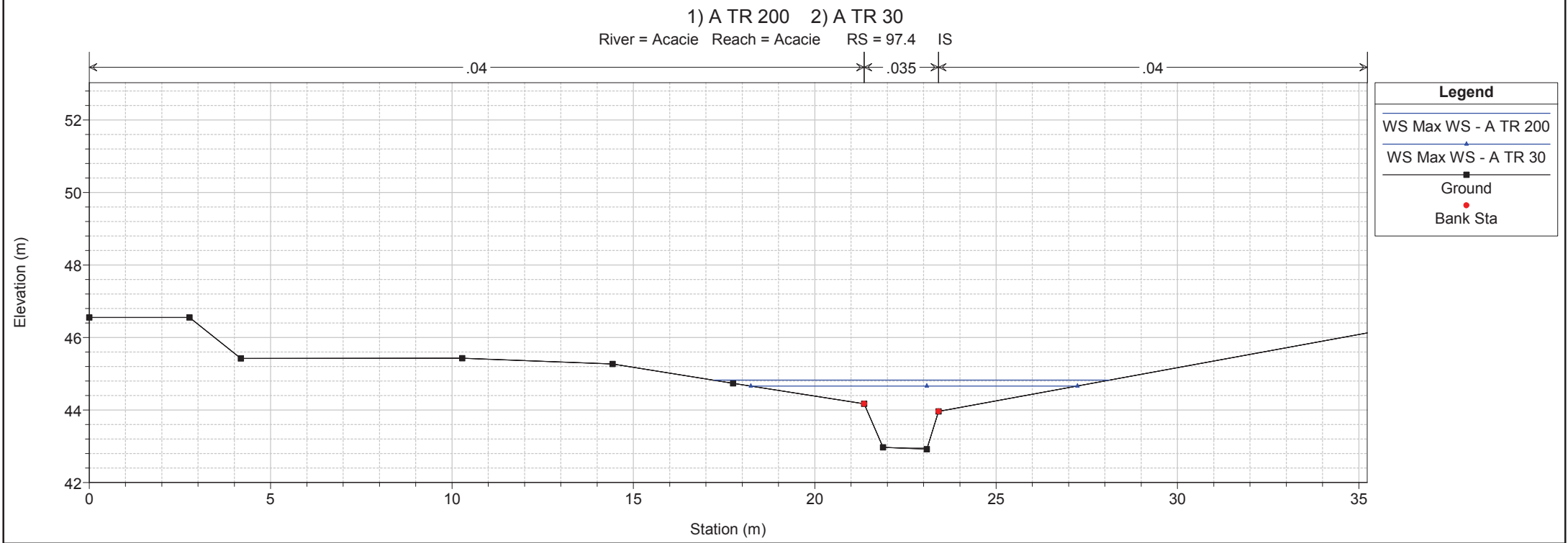
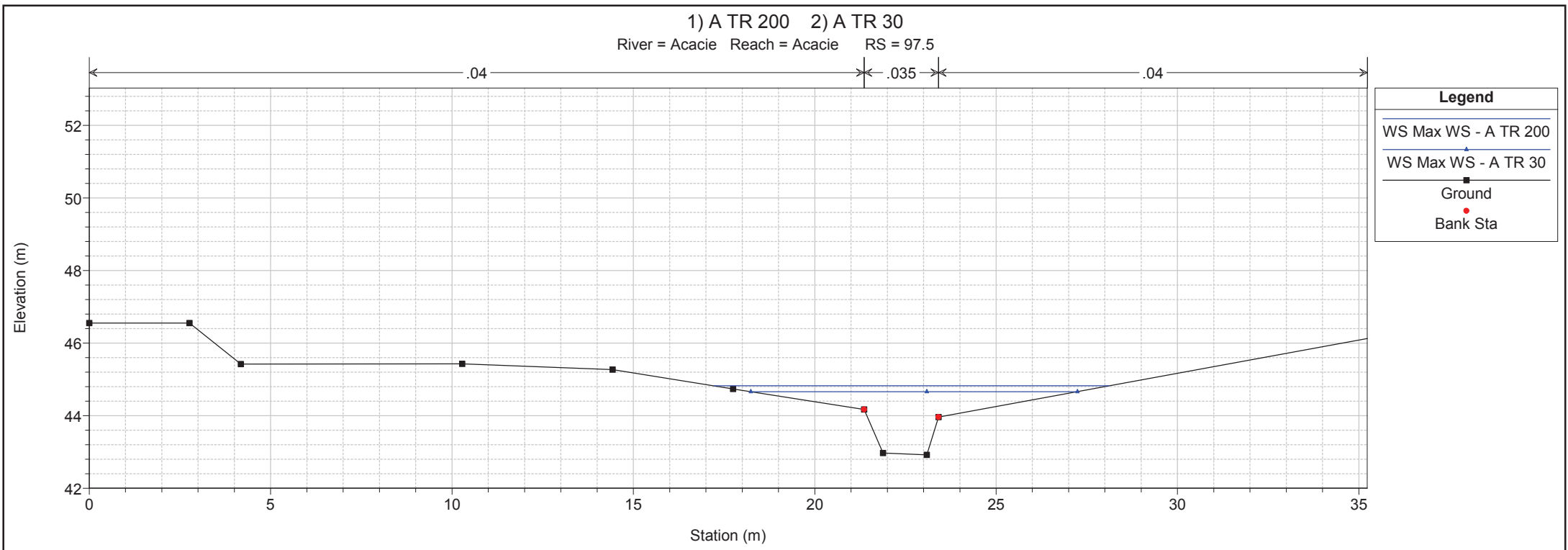




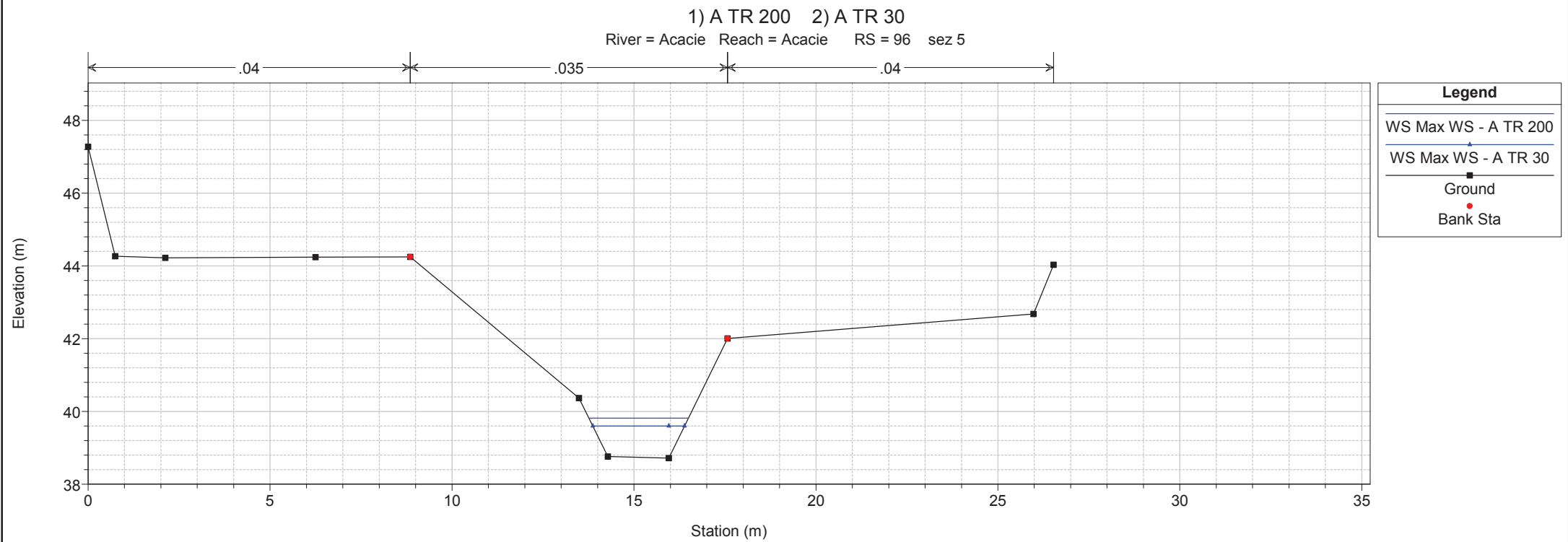
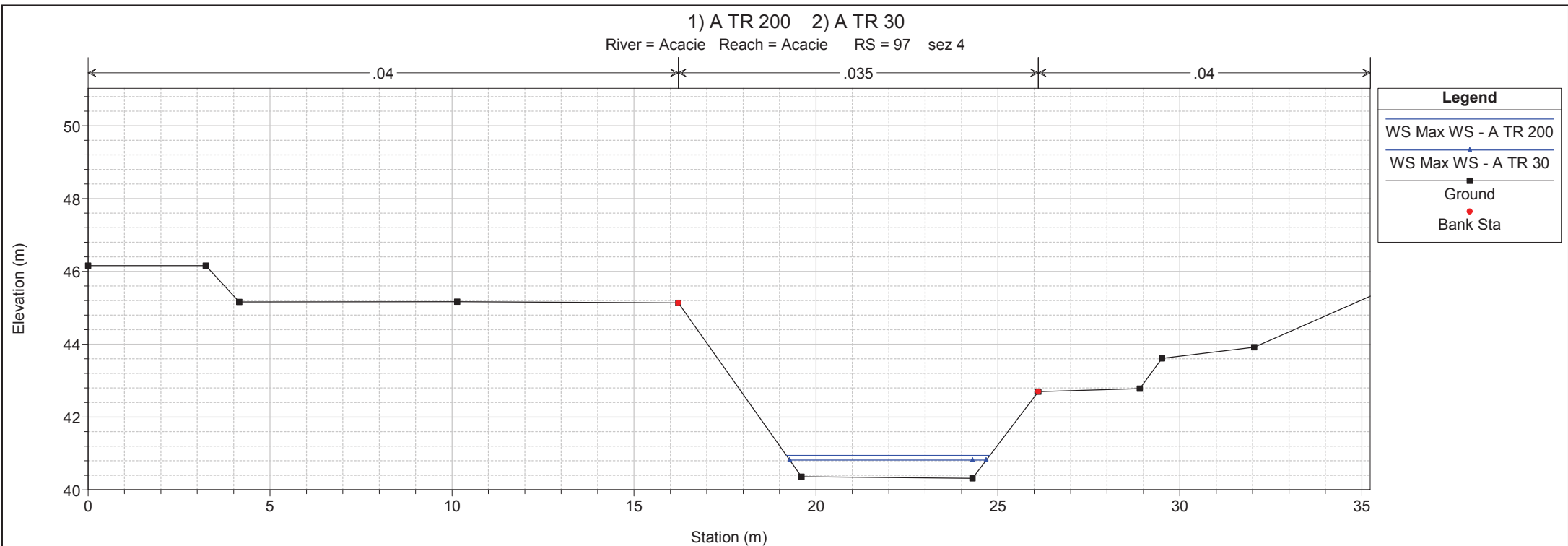
1 cm Horiz. = 1.5 m 1 cm Vert. = 1.5 m

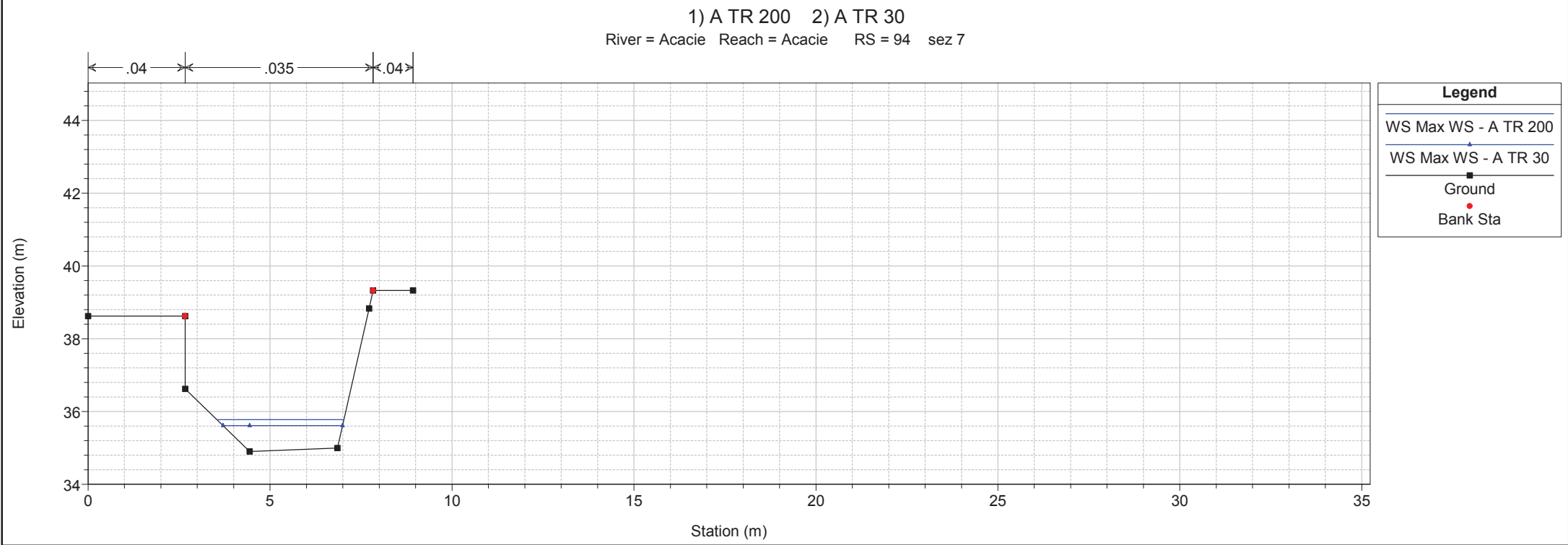
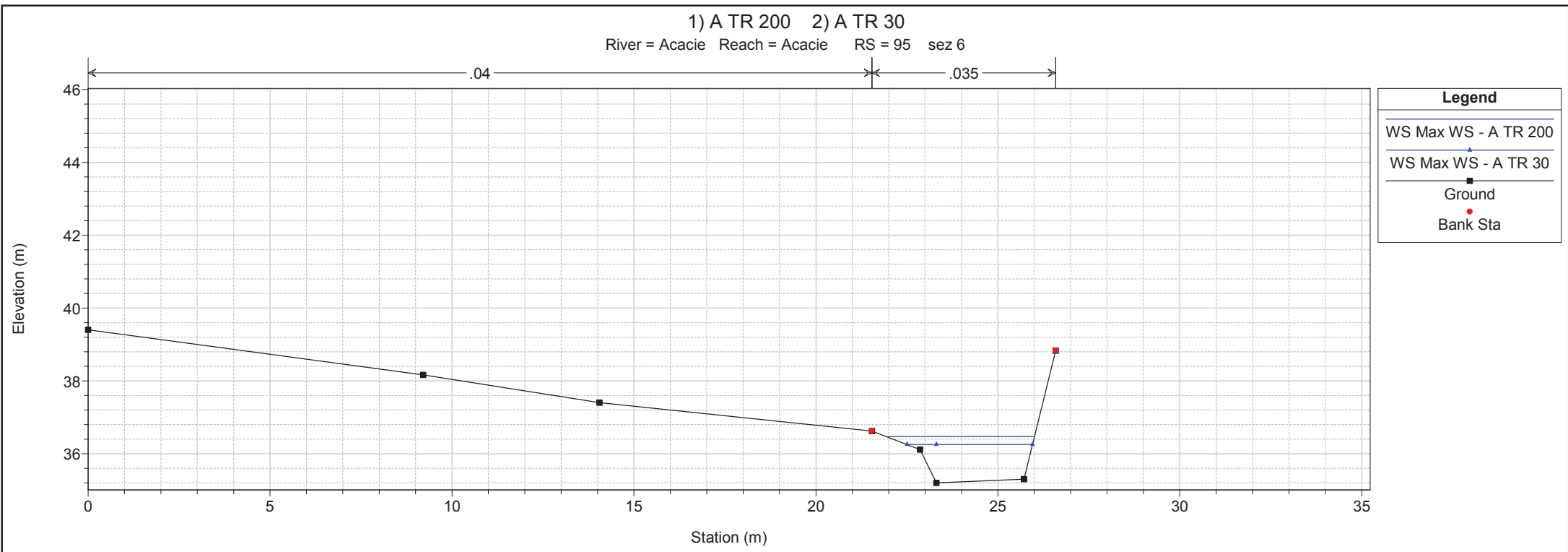


1 cm Horiz. = 1.5 m 1 cm Vert. = 1.5 m

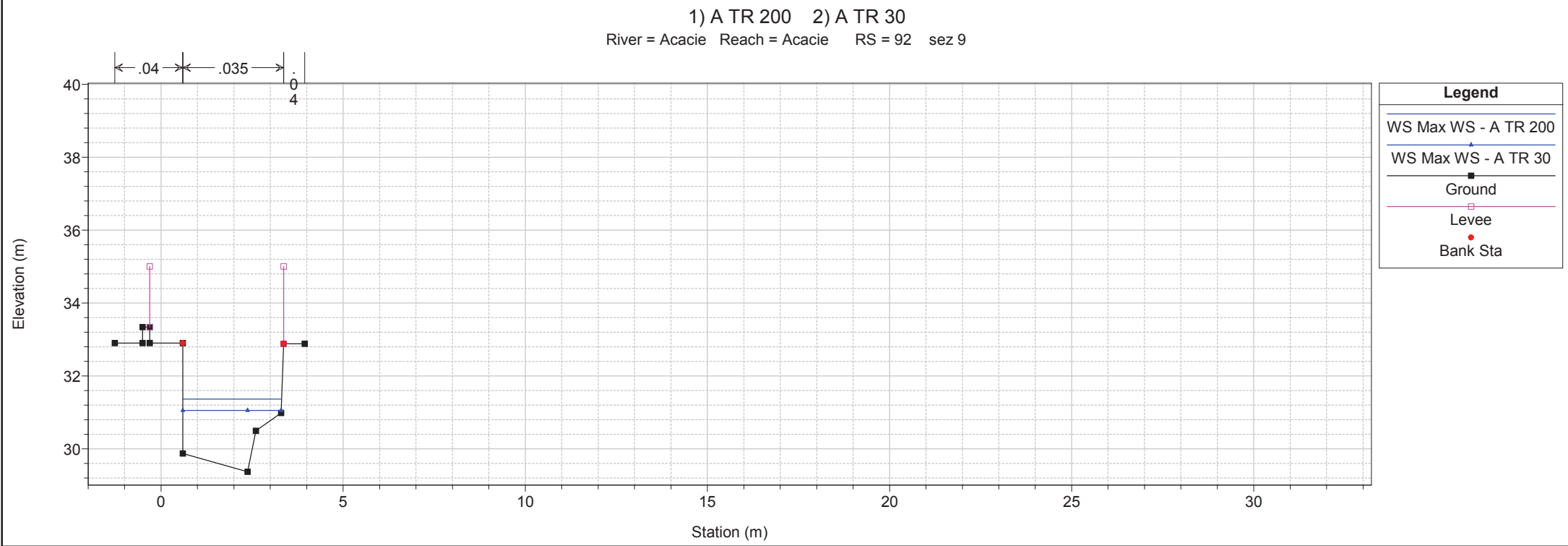
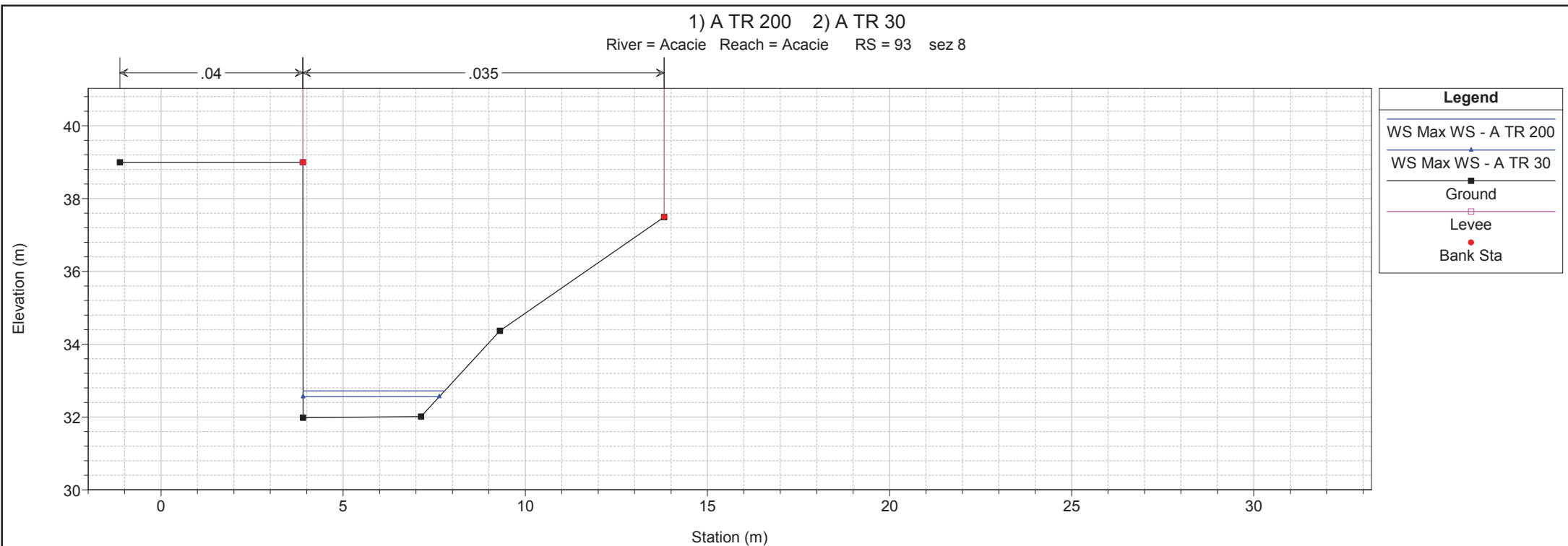


1 cm Horiz. = 1.5 m 1 cm Vert. = 1.5 m

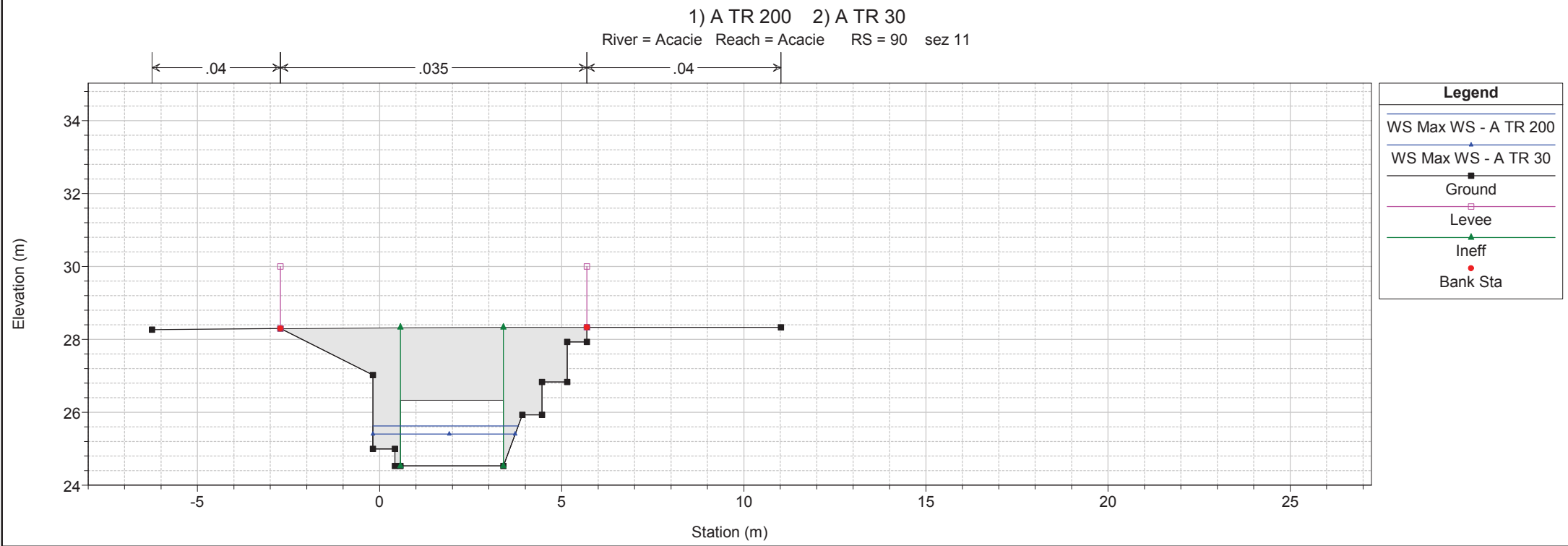
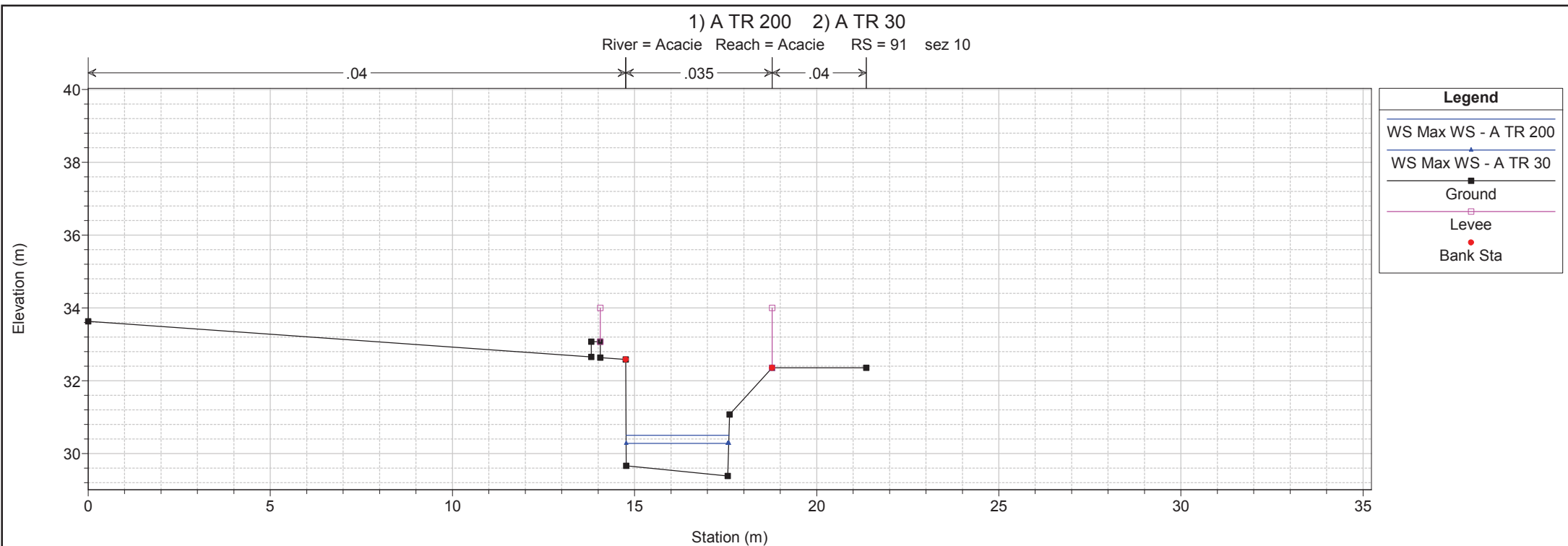




1 cm Horiz. = 1.5 m 1 cm Vert. = 1.5 m

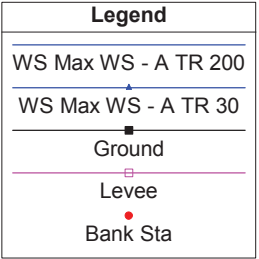
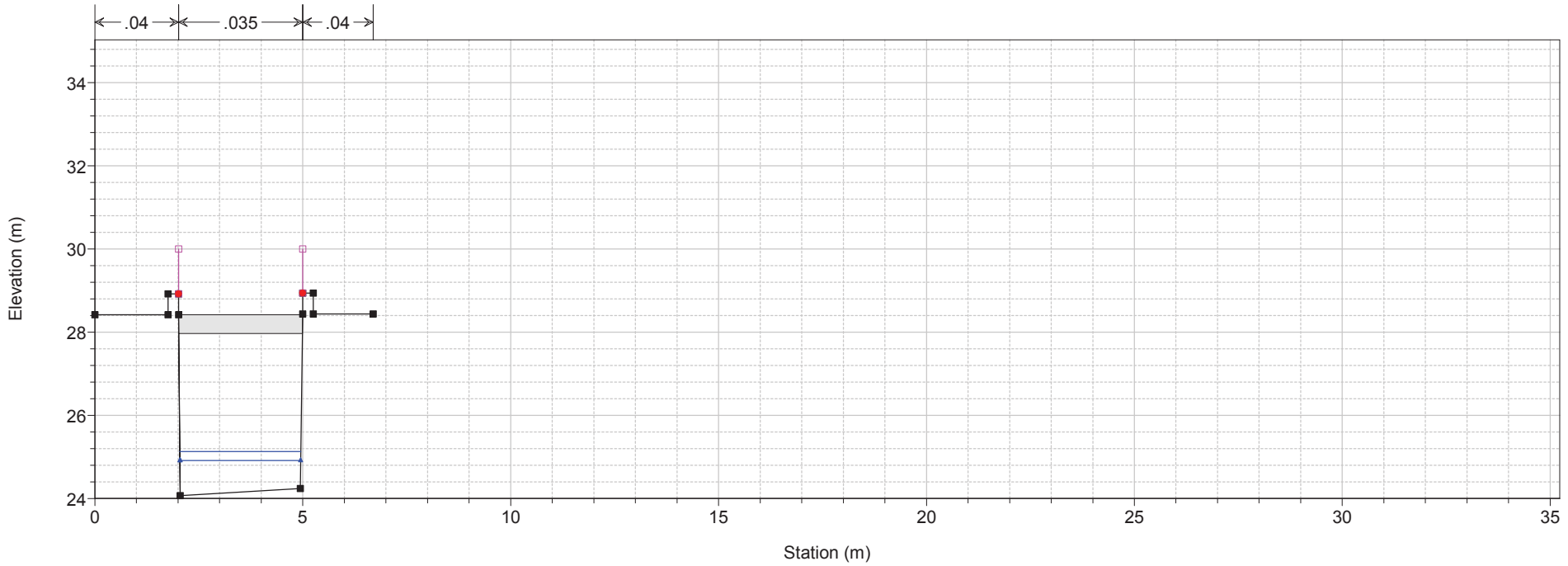


1 cm Horiz. = 1.5 m 1 cm Vert. = 1.5 m

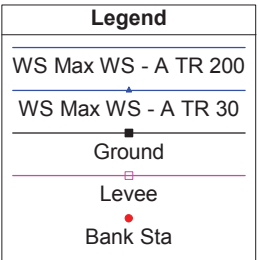
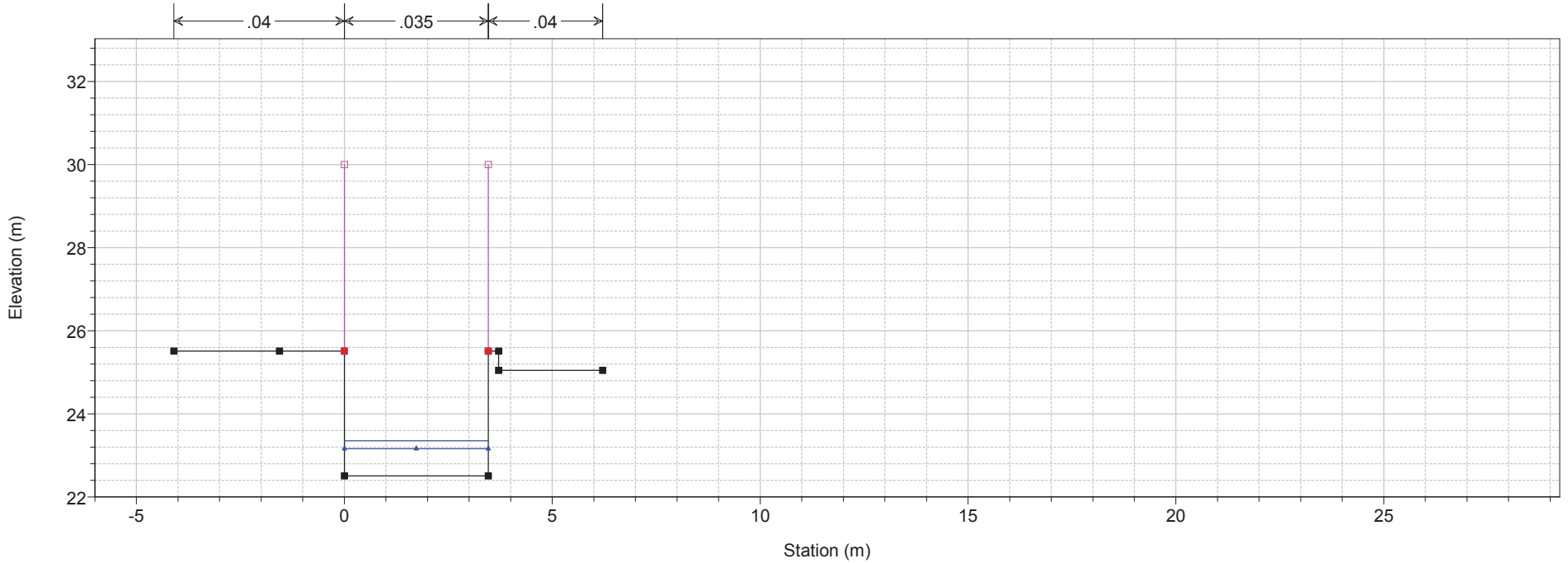


1 cm Horiz. = 1.5 m 1 cm Vert. = 1.5 m

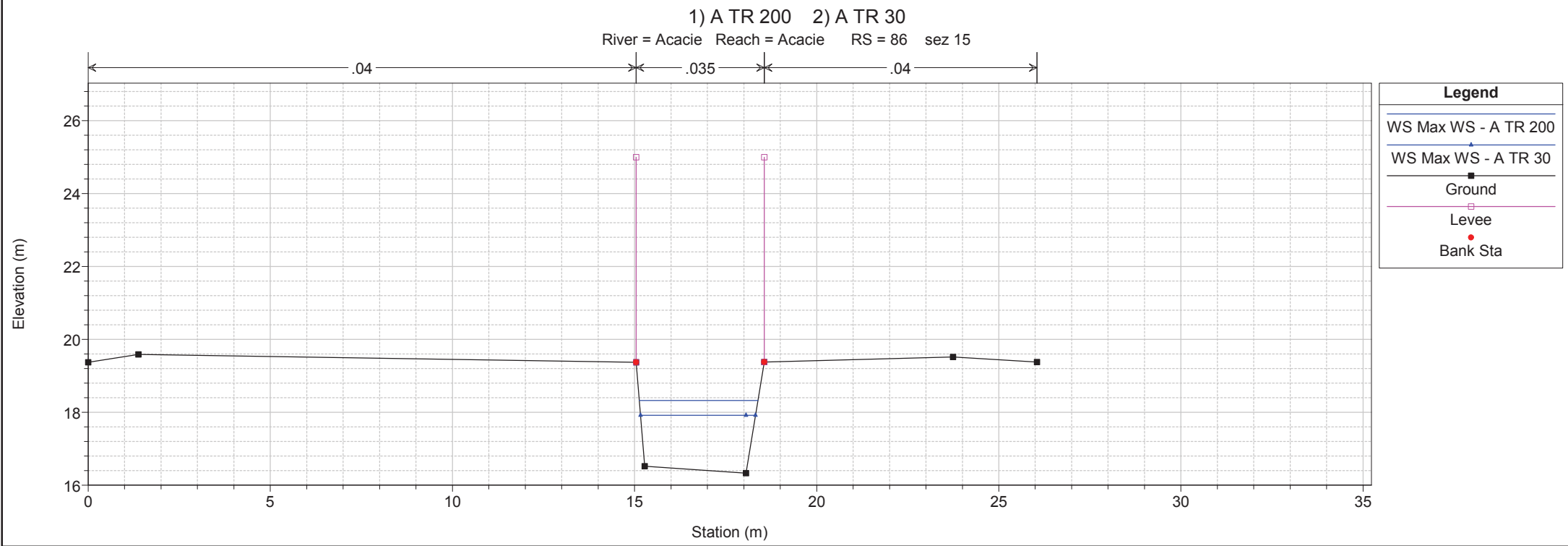
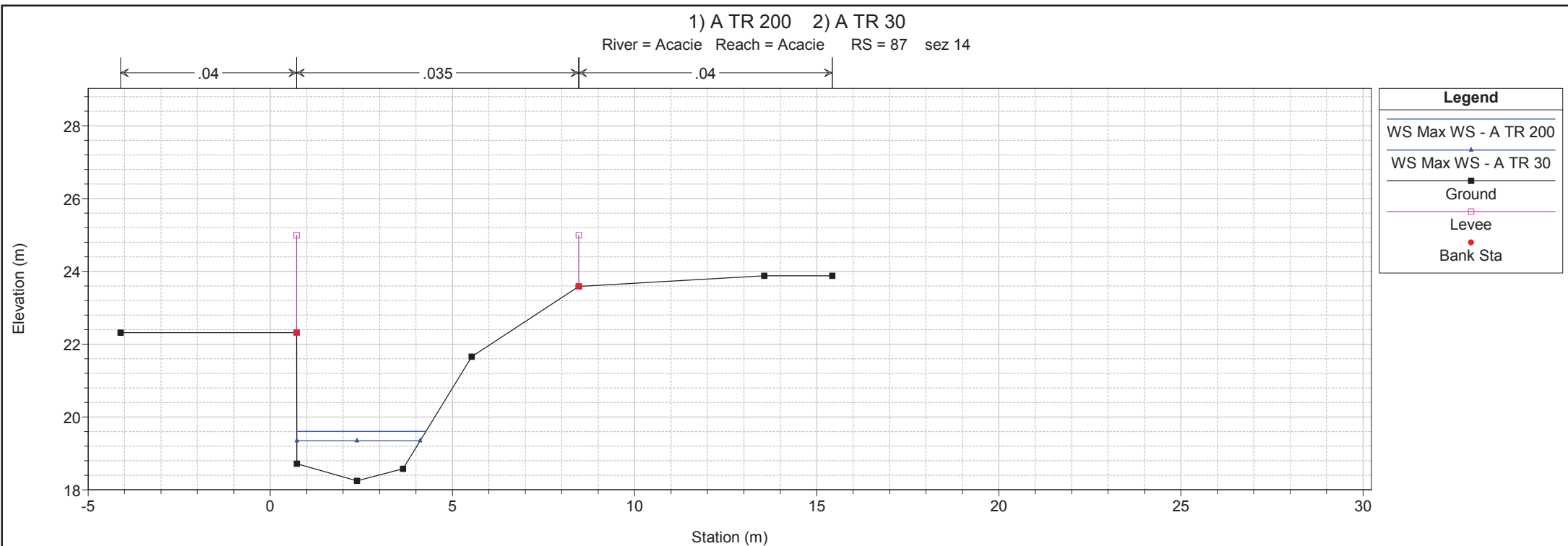
1) A TR 200 2) A TR 30
 River = Acacie Reach = Acacie RS = 89.8 sez 12



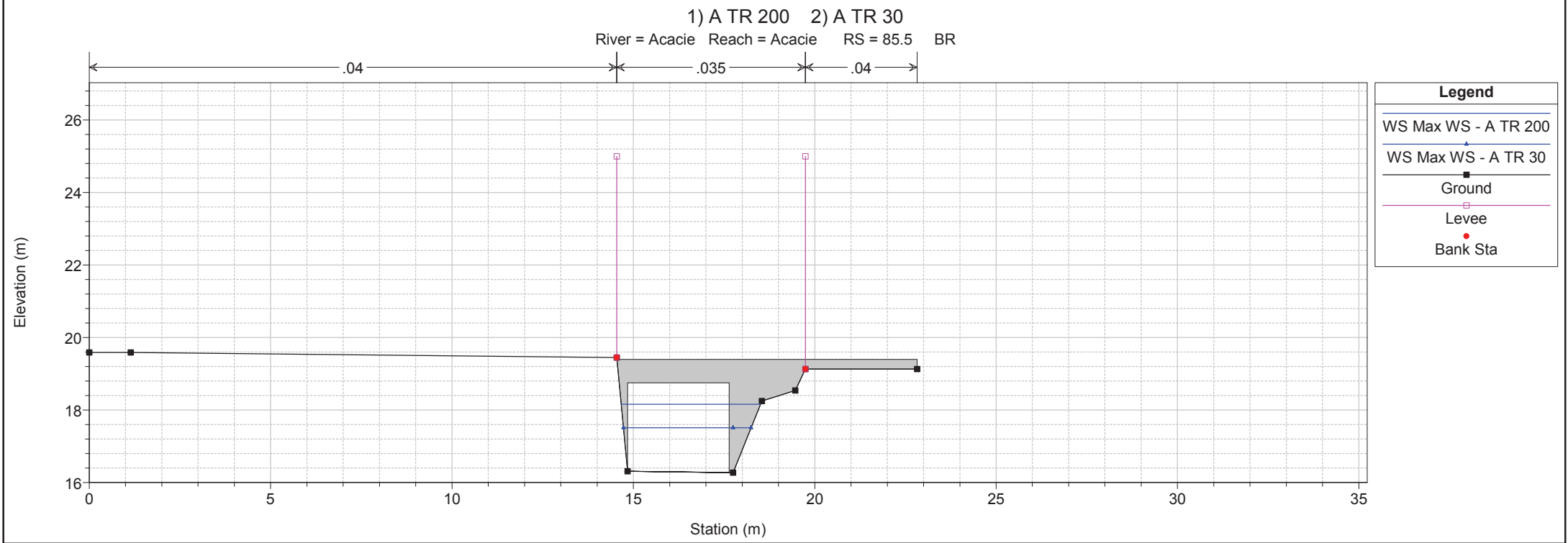
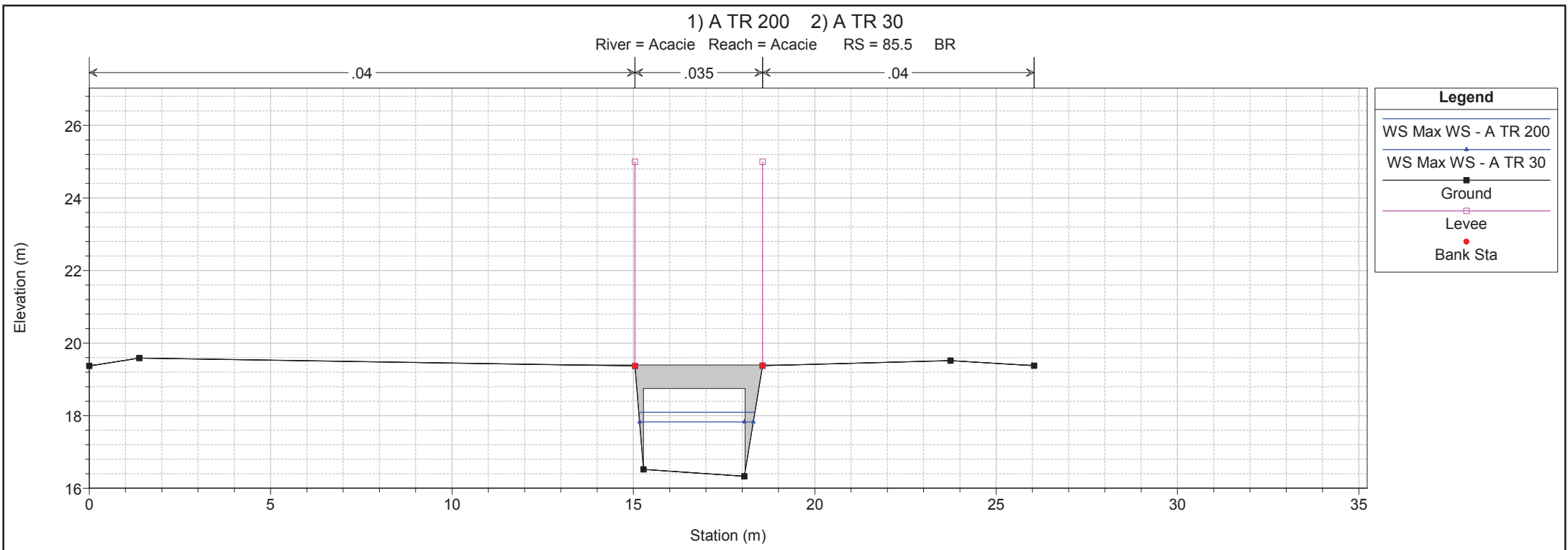
1) A TR 200 2) A TR 30
 River = Acacie Reach = Acacie RS = 88 sez 13



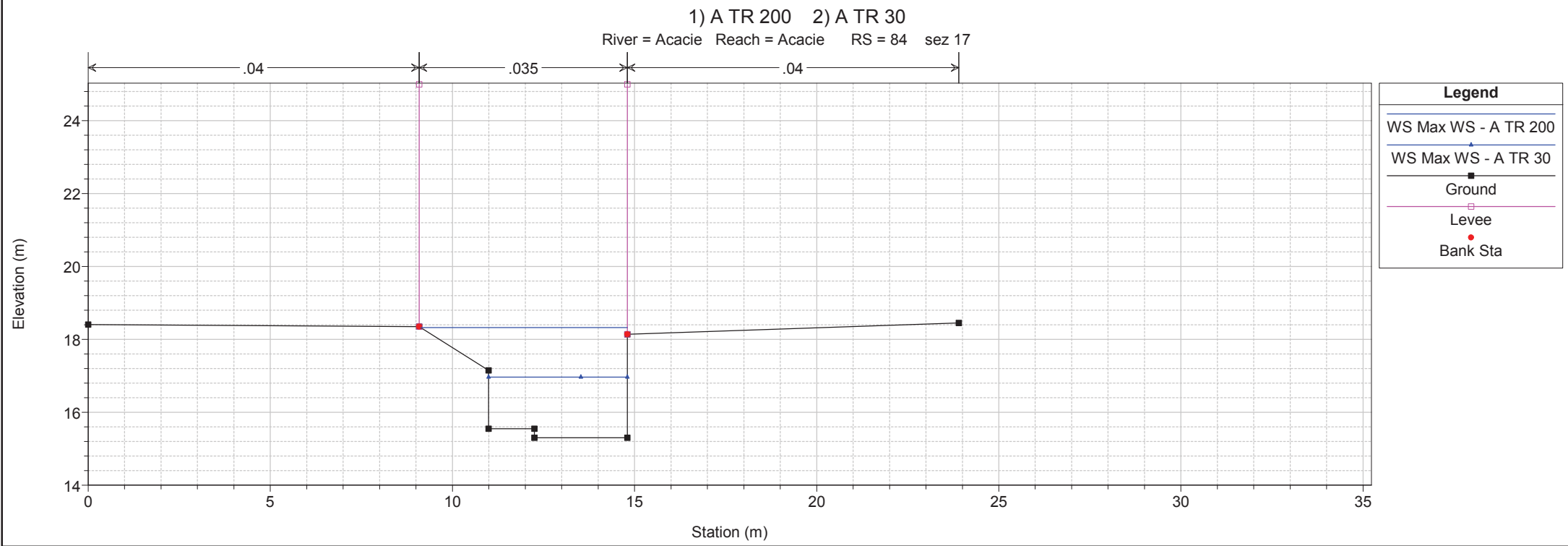
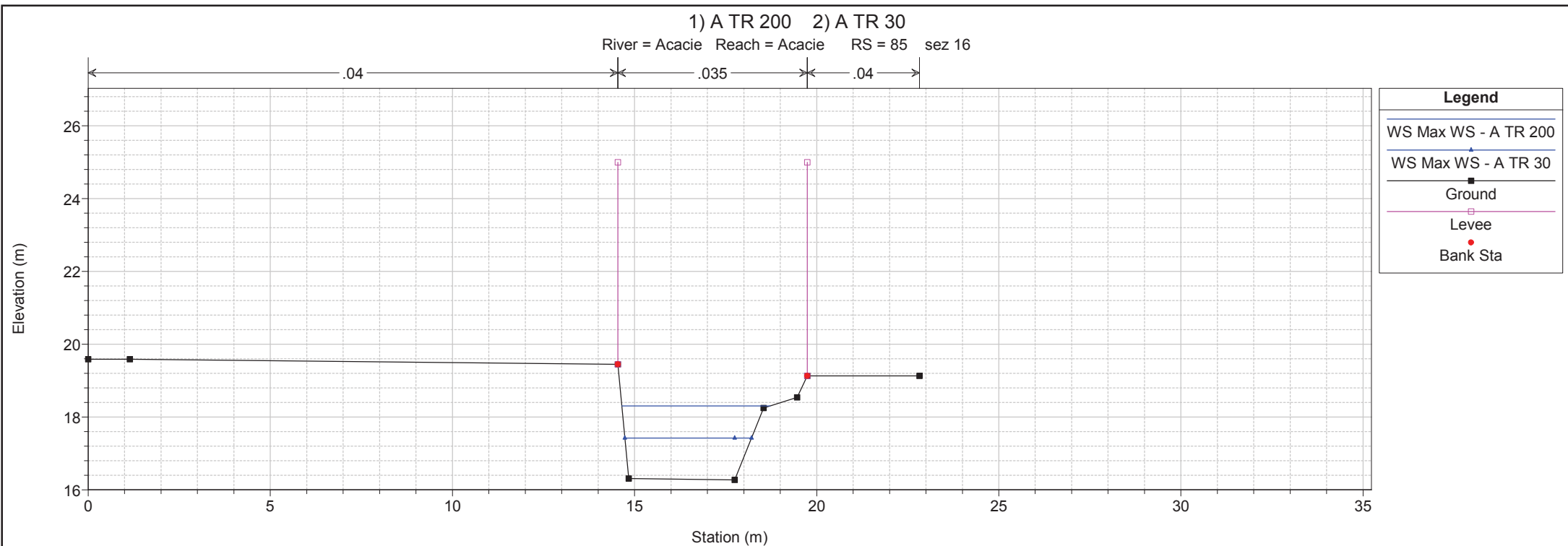
1 cm Horiz. = 1.5 m 1 cm Vert. = 1.5 m



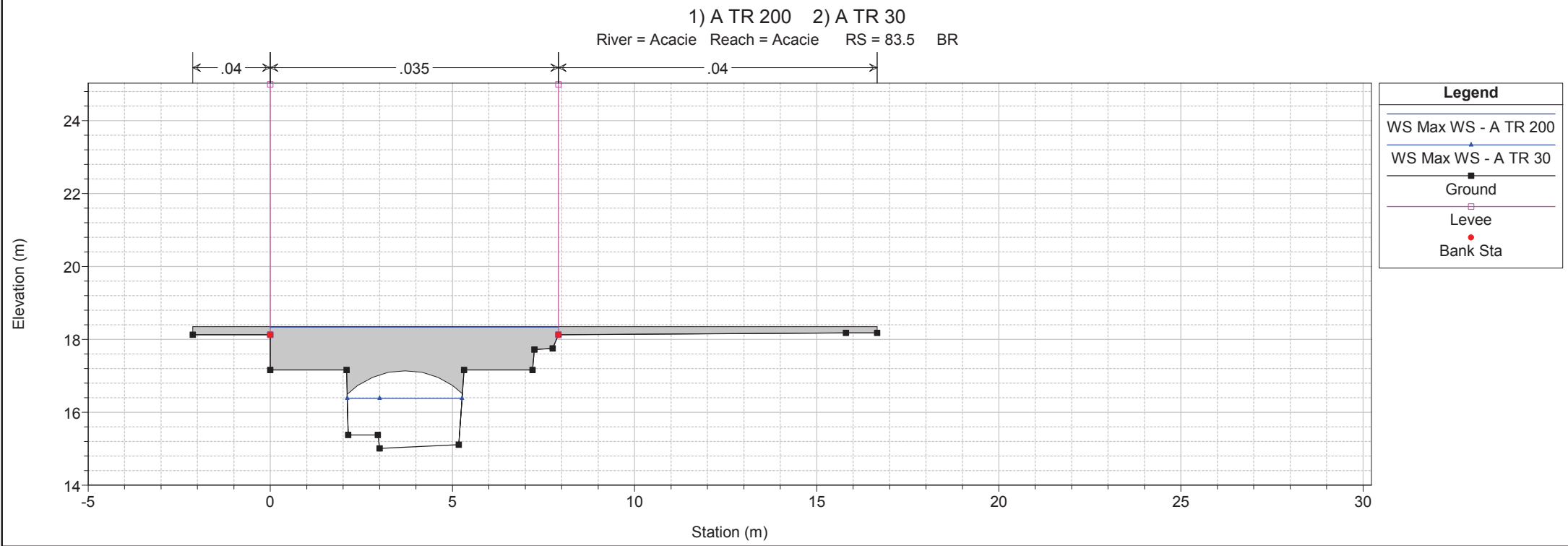
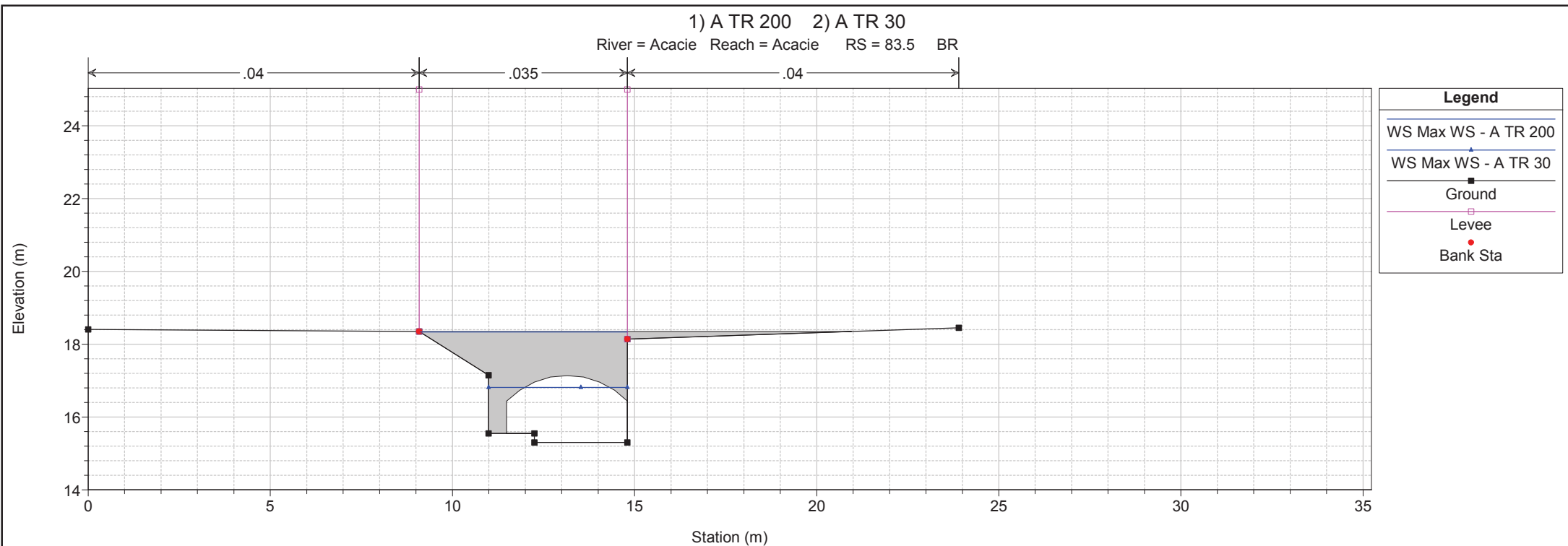
1 cm Horiz. = 1.5 m 1 cm Vert. = 1.5 m



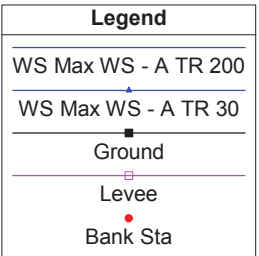
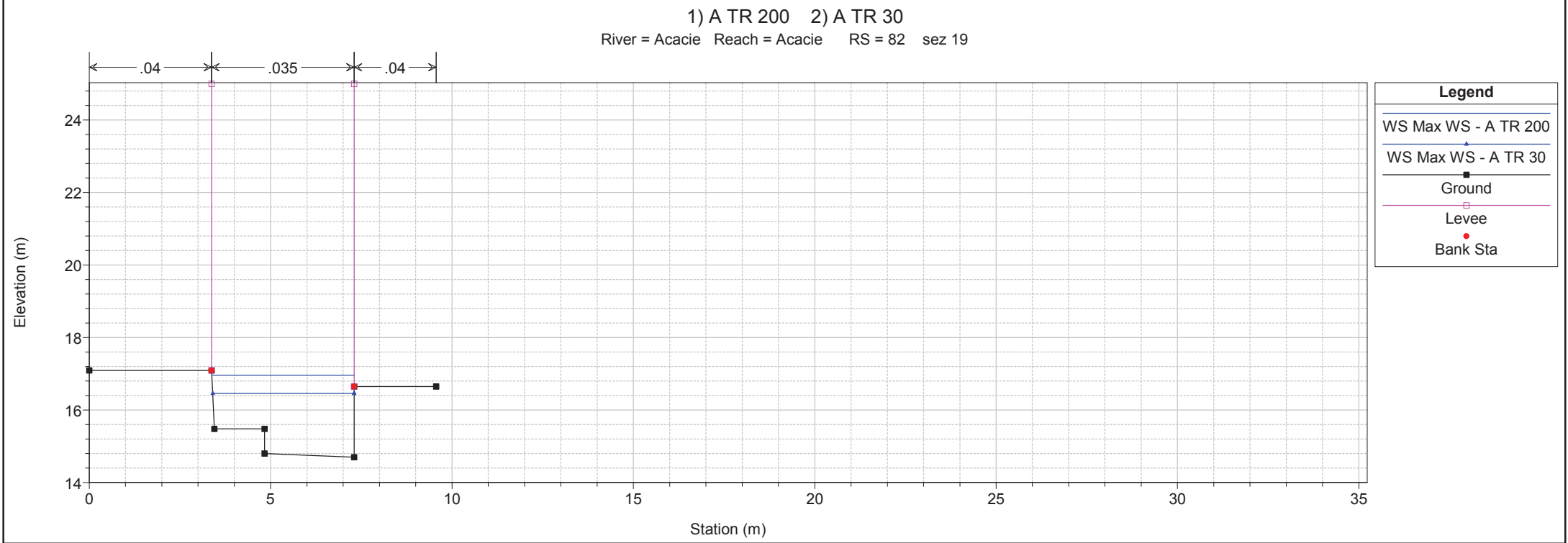
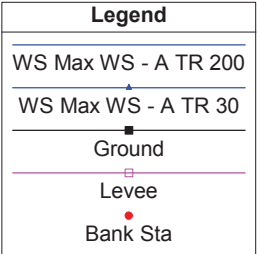
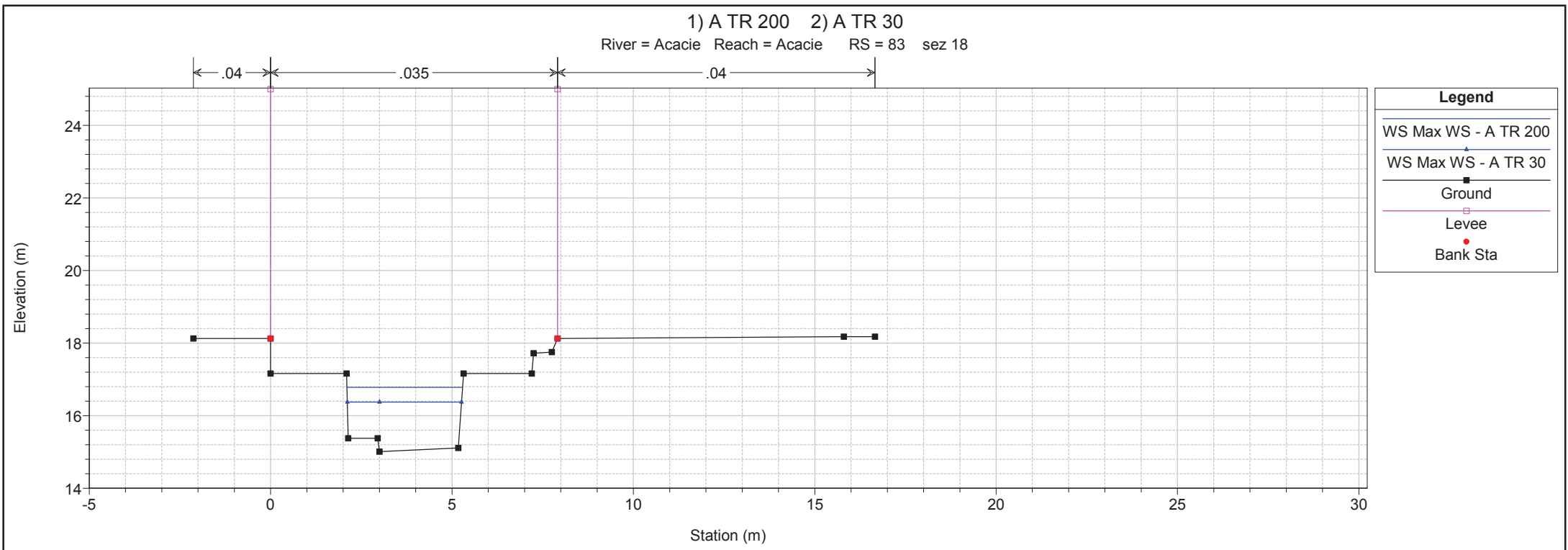
1 cm Horiz. = 1.5 m 1 cm Vert. = 1.5 m



1 cm Horiz. = 1.5 m 1 cm Vert. = 1.5 m

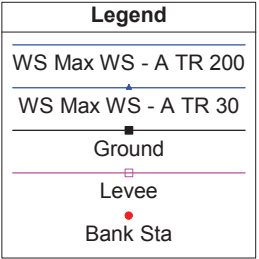
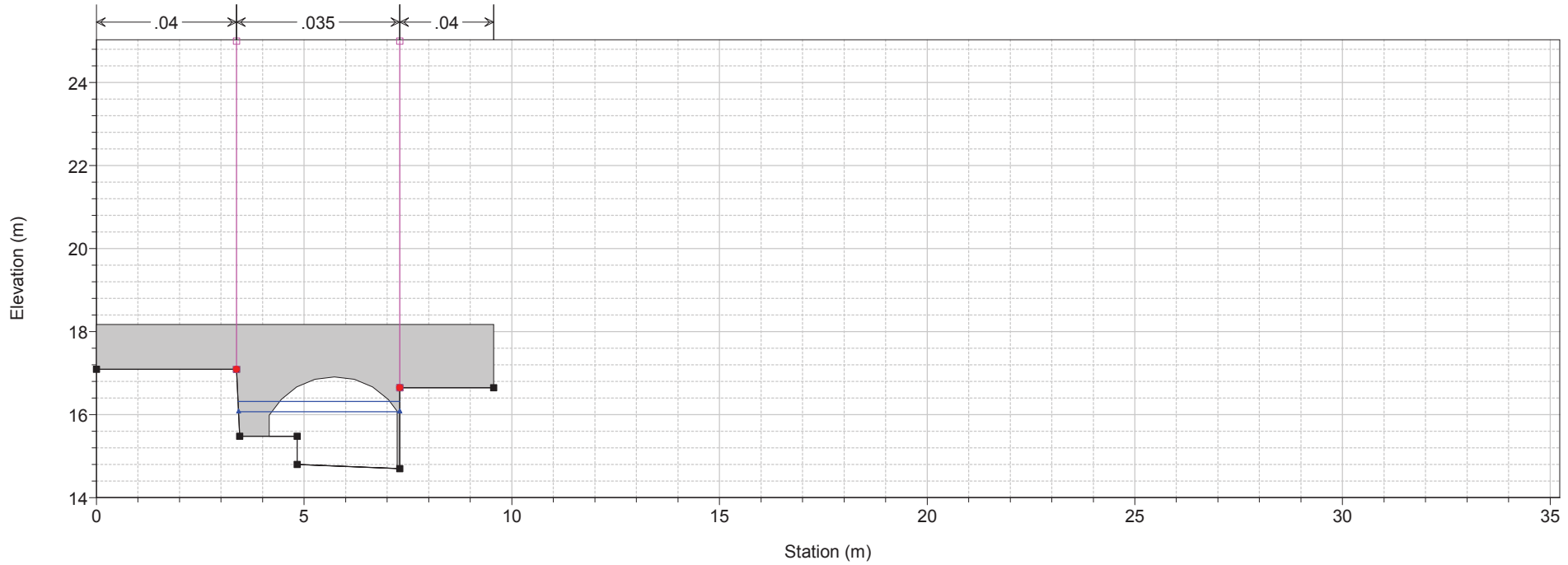


1 cm Horiz. = 1.5 m 1 cm Vert. = 1.5 m

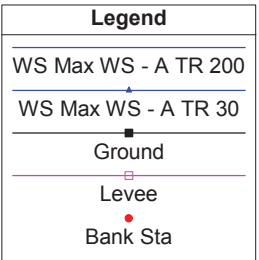
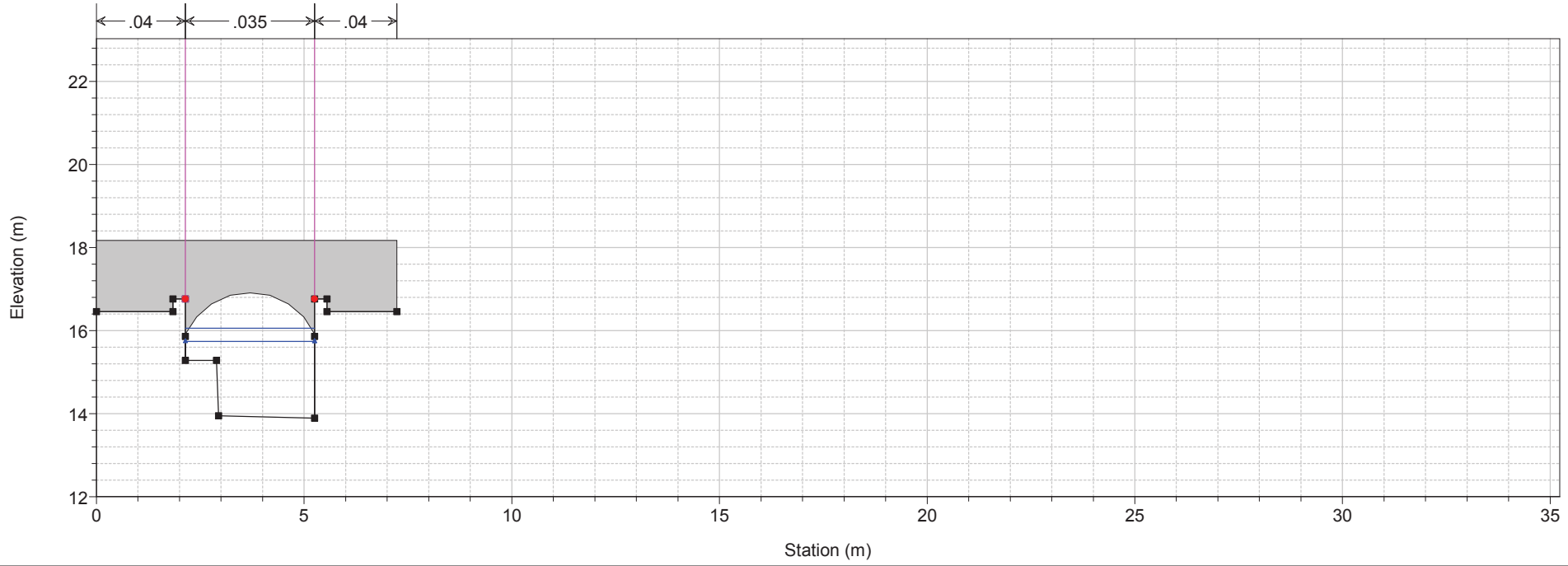


1 cm Horiz. = 1.5 m 1 cm Vert. = 1.5 m

1) A TR 200 2) A TR 30
 River = Acacie Reach = Acacie RS = 81.5 BR

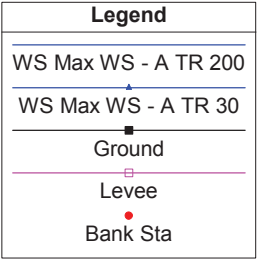
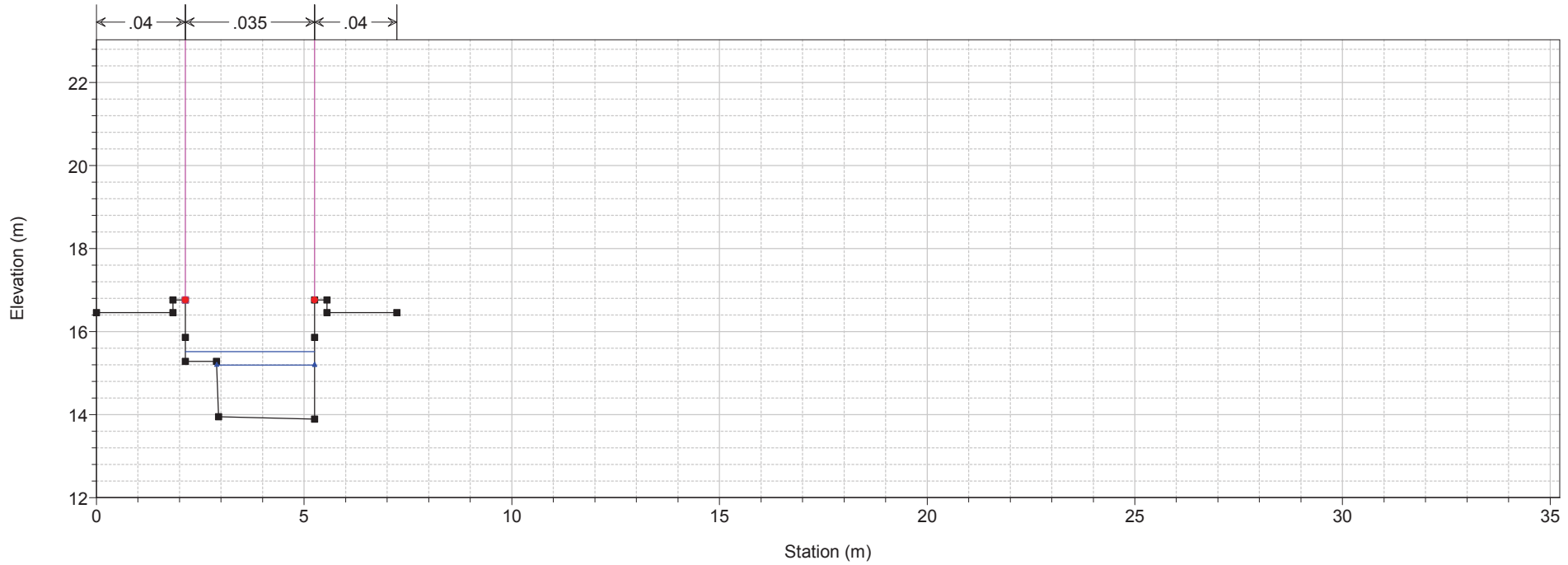


1) A TR 200 2) A TR 30
 River = Acacie Reach = Acacie RS = 81.5 BR

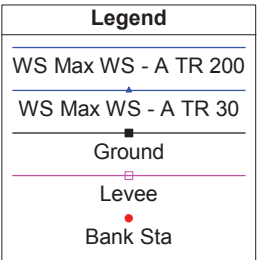
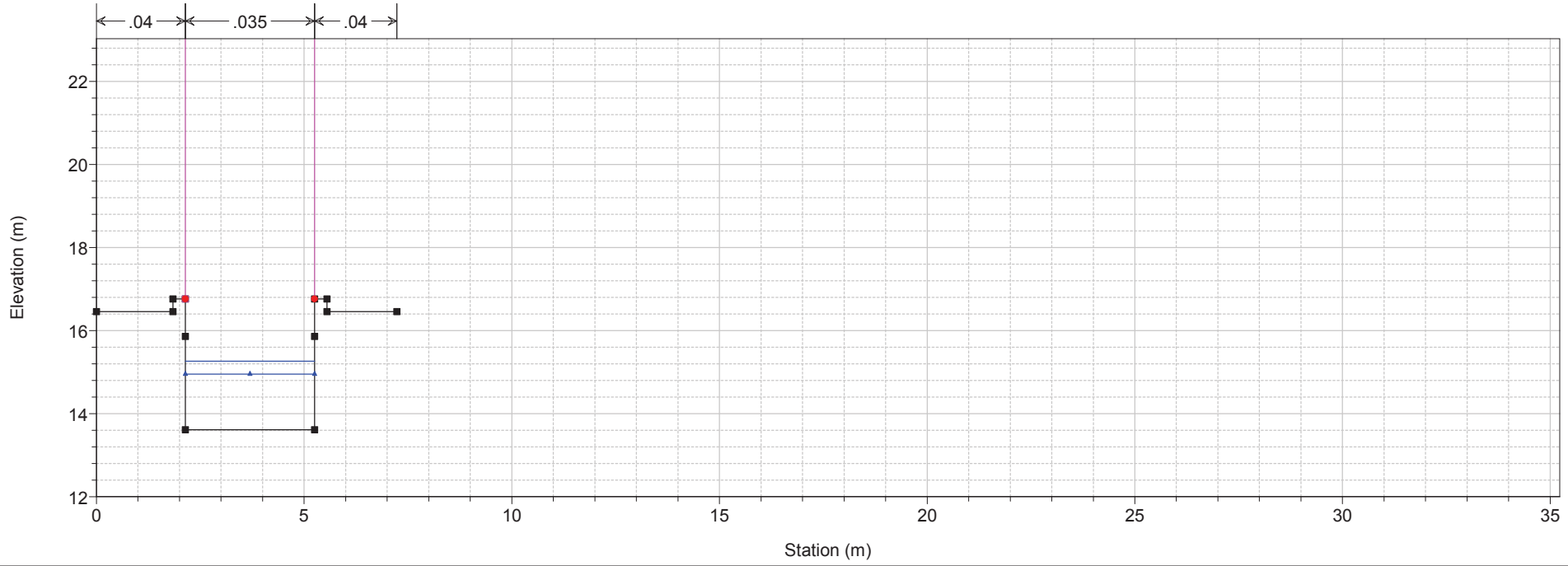


1 cm Horiz. = 1.5 m 1 cm Vert. = 1.5 m

1) A TR 200 2) A TR 30
 River = Acacie Reach = Acacie RS = 81 sez 20

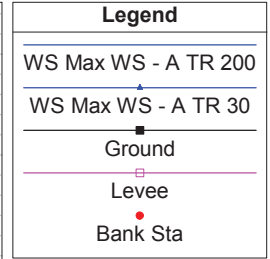
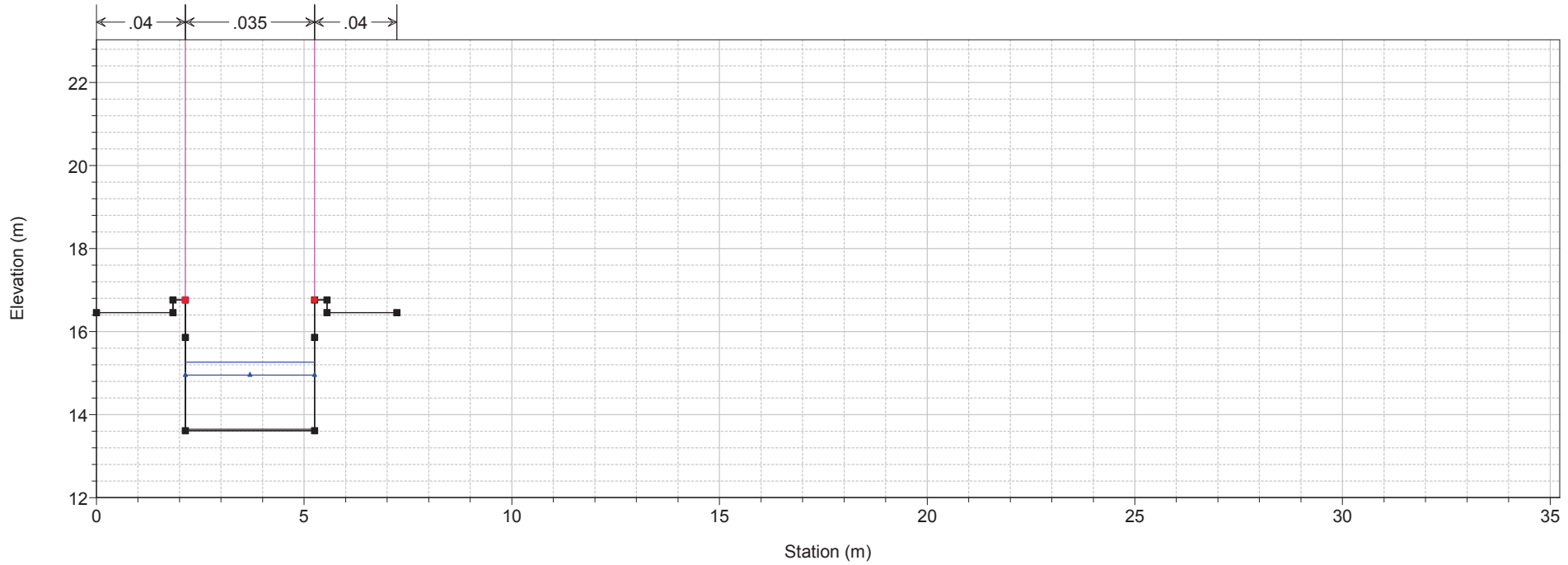


1) A TR 200 2) A TR 30
 River = Acacie Reach = Acacie RS = 80.6

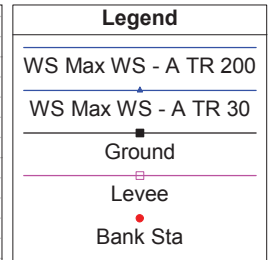
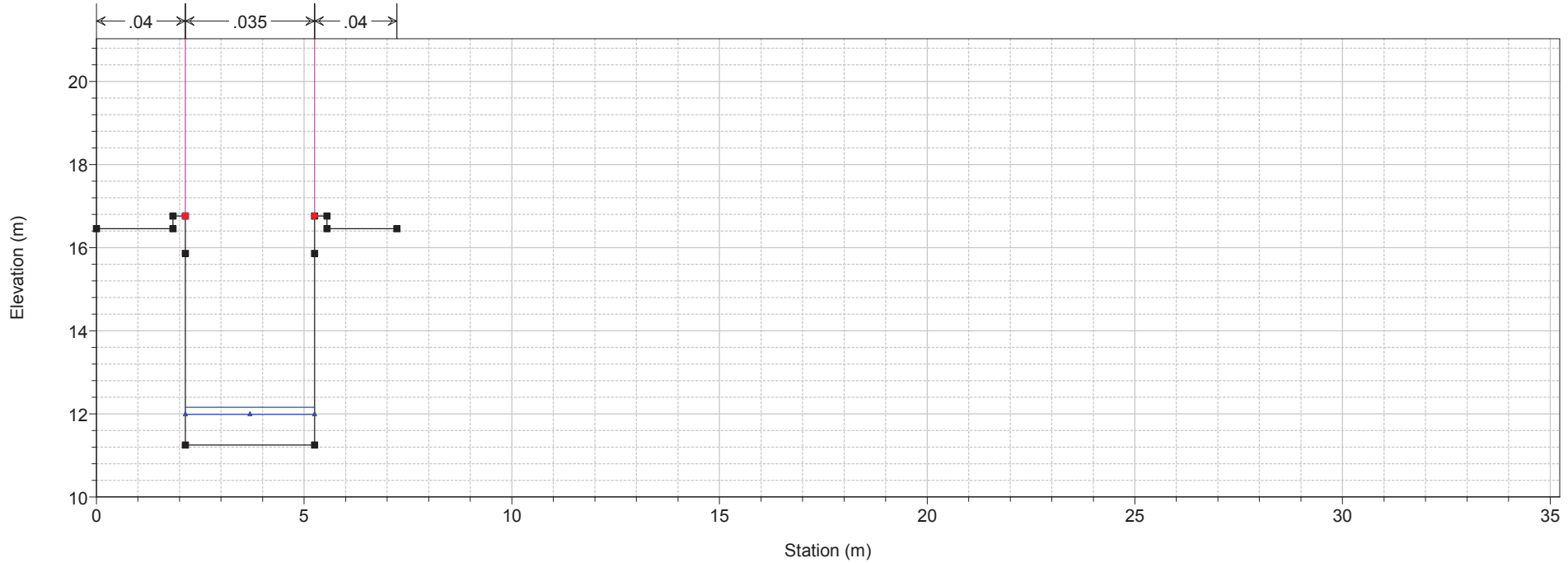


1 cm Horiz. = 1.5 m 1 cm Vert. = 1.5 m

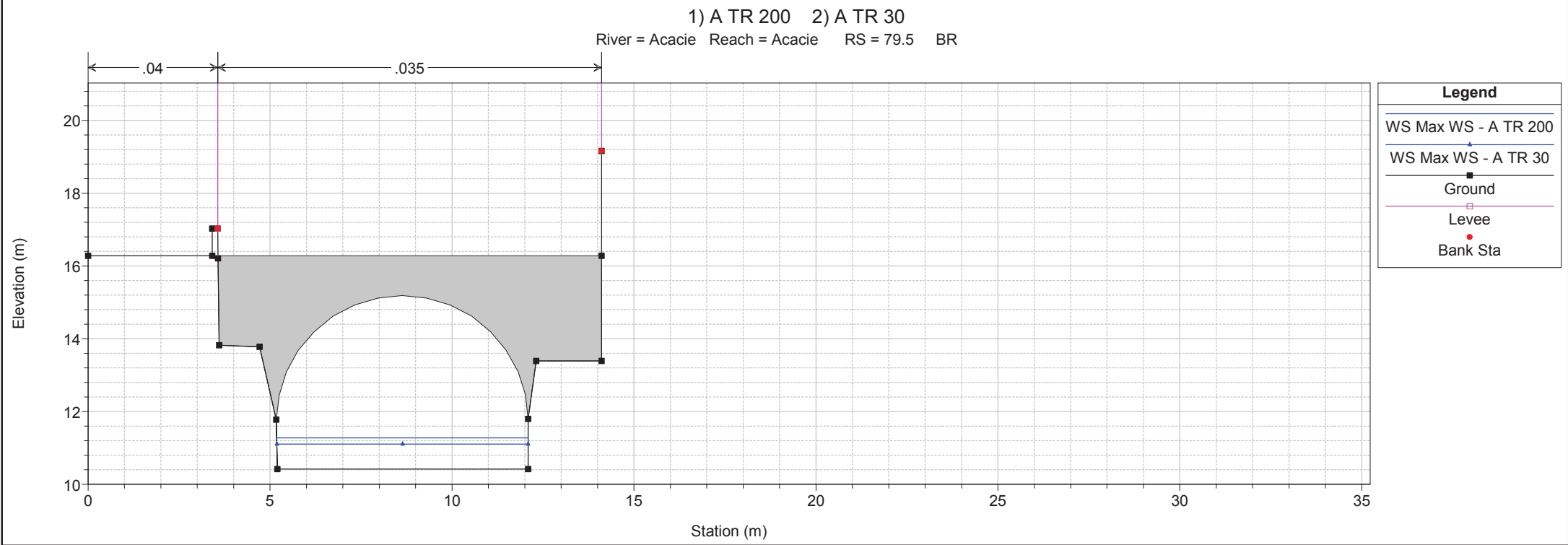
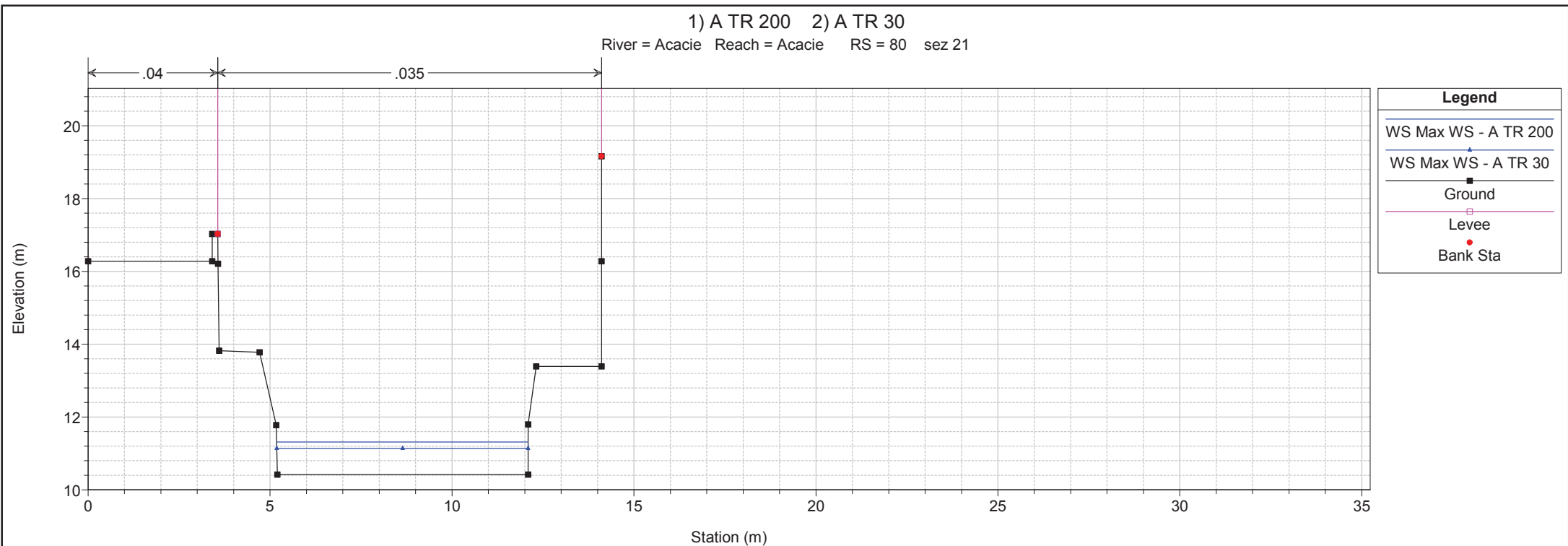
1) A TR 200 2) A TR 30
 River = Acacie Reach = Acacie RS = 80.5 IS



1) A TR 200 2) A TR 30
 River = Acacie Reach = Acacie RS = 80.4

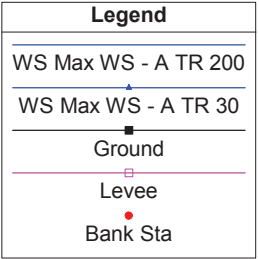
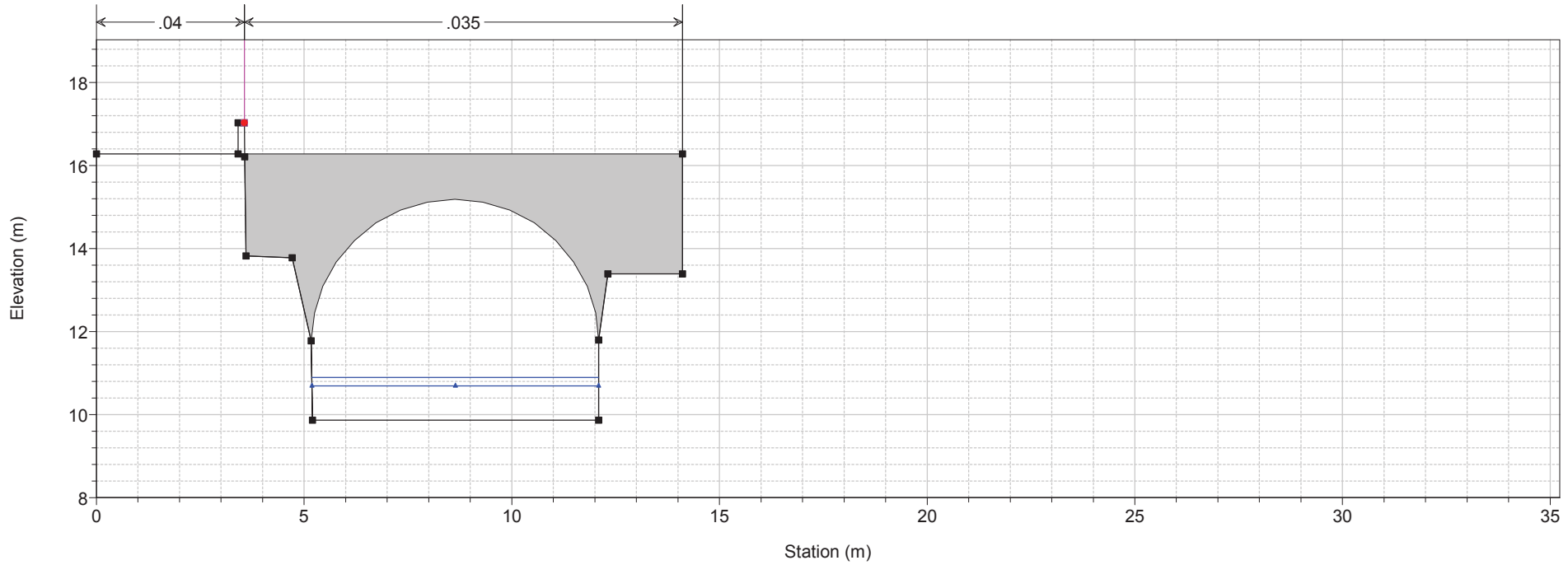


1 cm Horiz. = 1.5 m 1 cm Vert. = 1.5 m



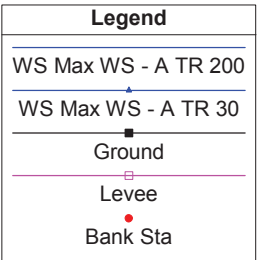
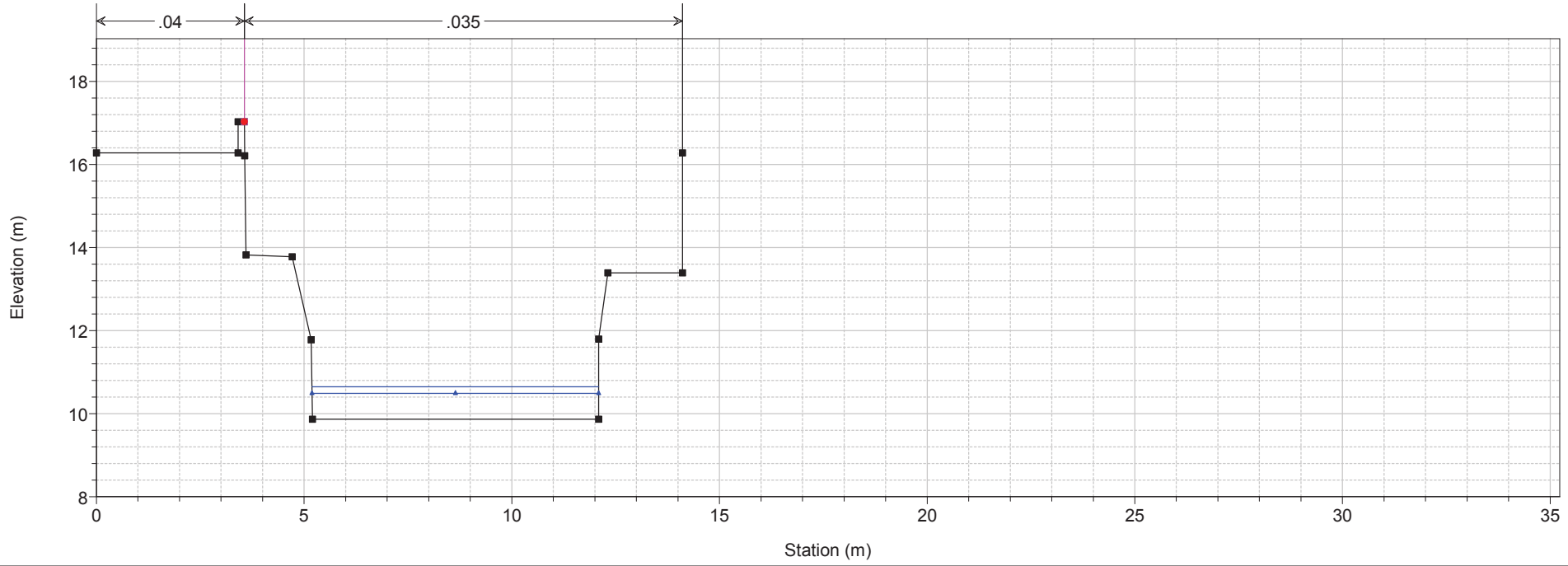
1) A TR 200 2) A TR 30

River = Acacie Reach = Acacie RS = 79.5 BR

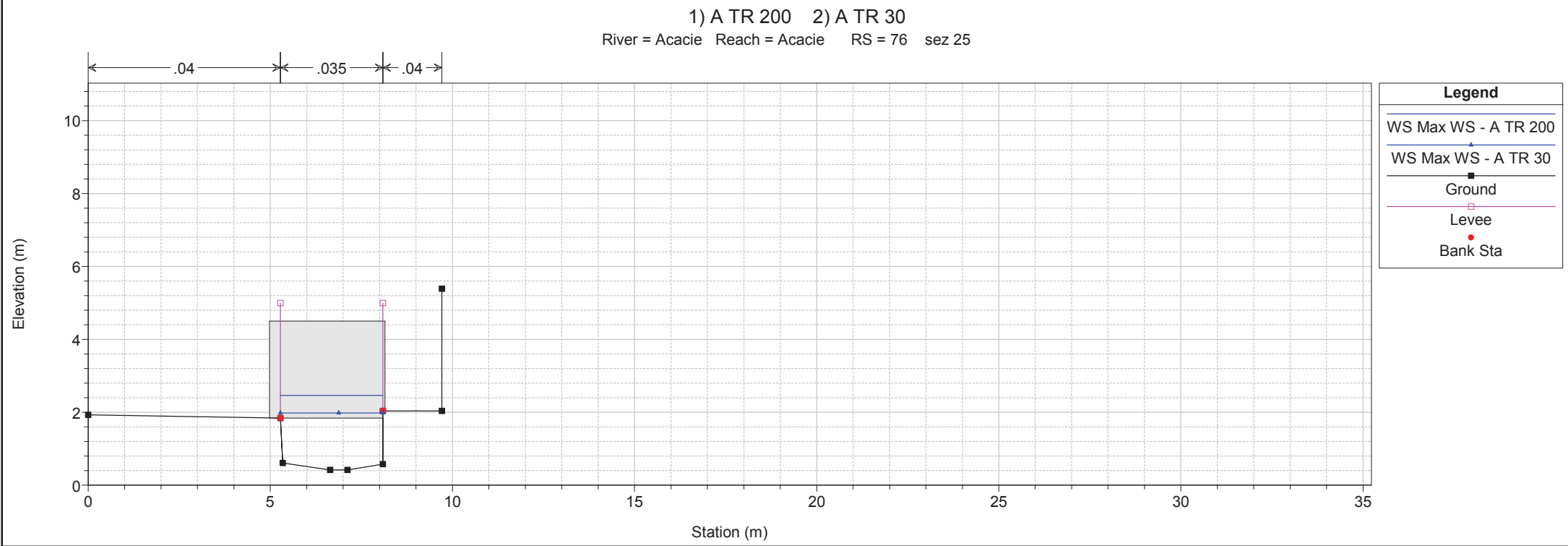
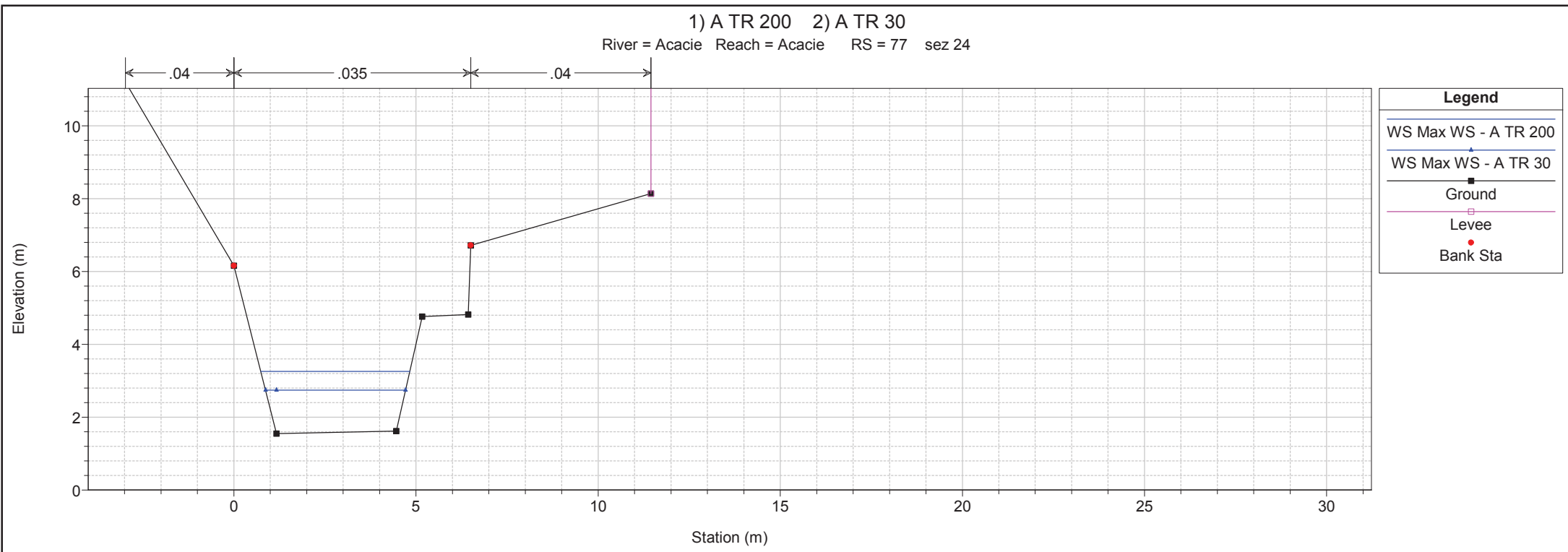


1) A TR 200 2) A TR 30

River = Acacie Reach = Acacie RS = 79.3 sez 21

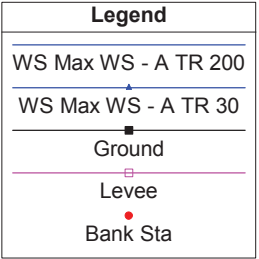
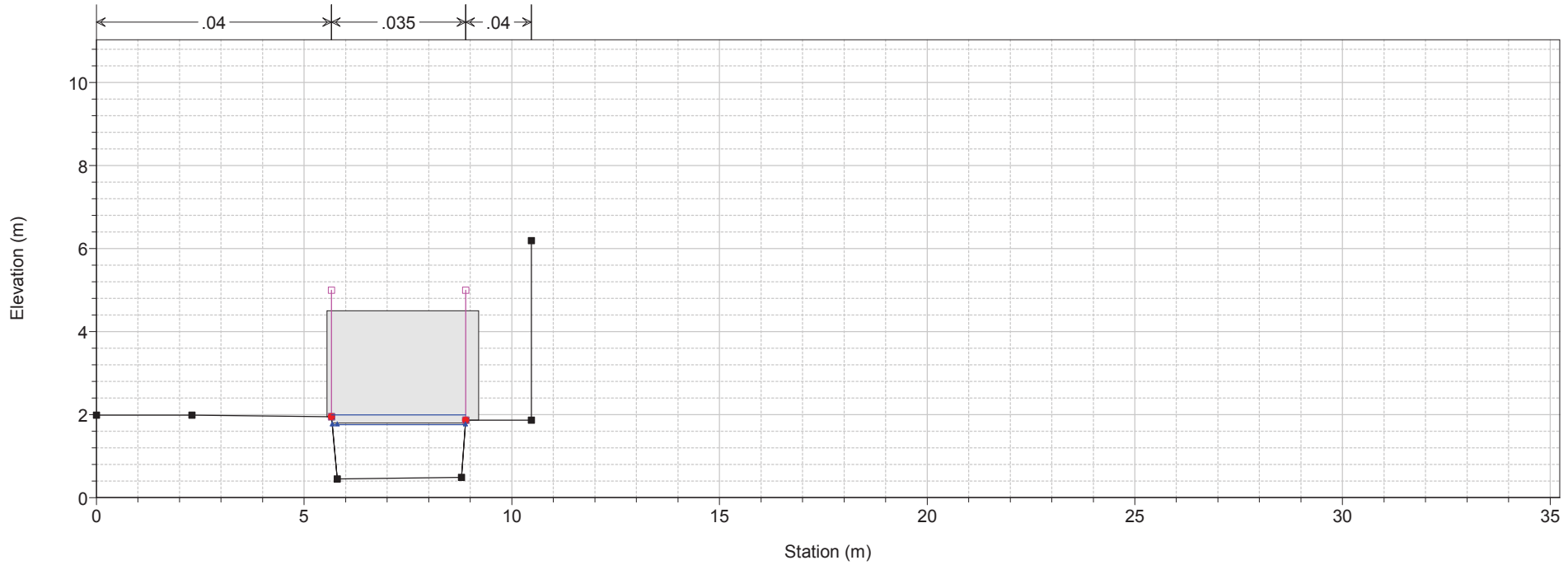


1 cm Horiz. = 1.5 m 1 cm Vert. = 1.5 m

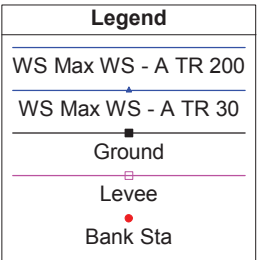
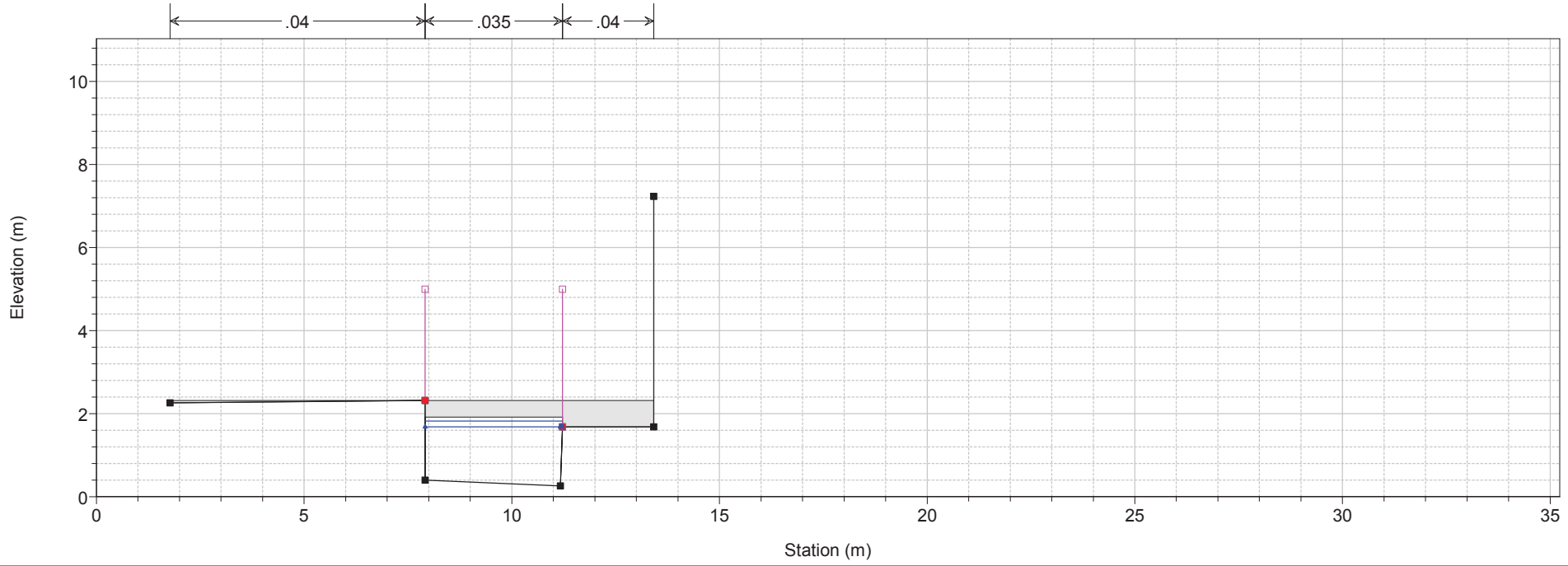


1 cm Horiz. = 1.5 m 1 cm Vert. = 1.5 m

1) A TR 200 2) A TR 30
 River = Acacie Reach = Acacie RS = 75 sez 26

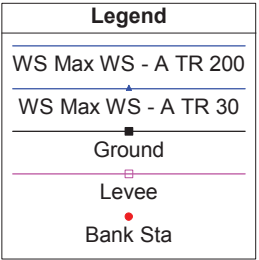
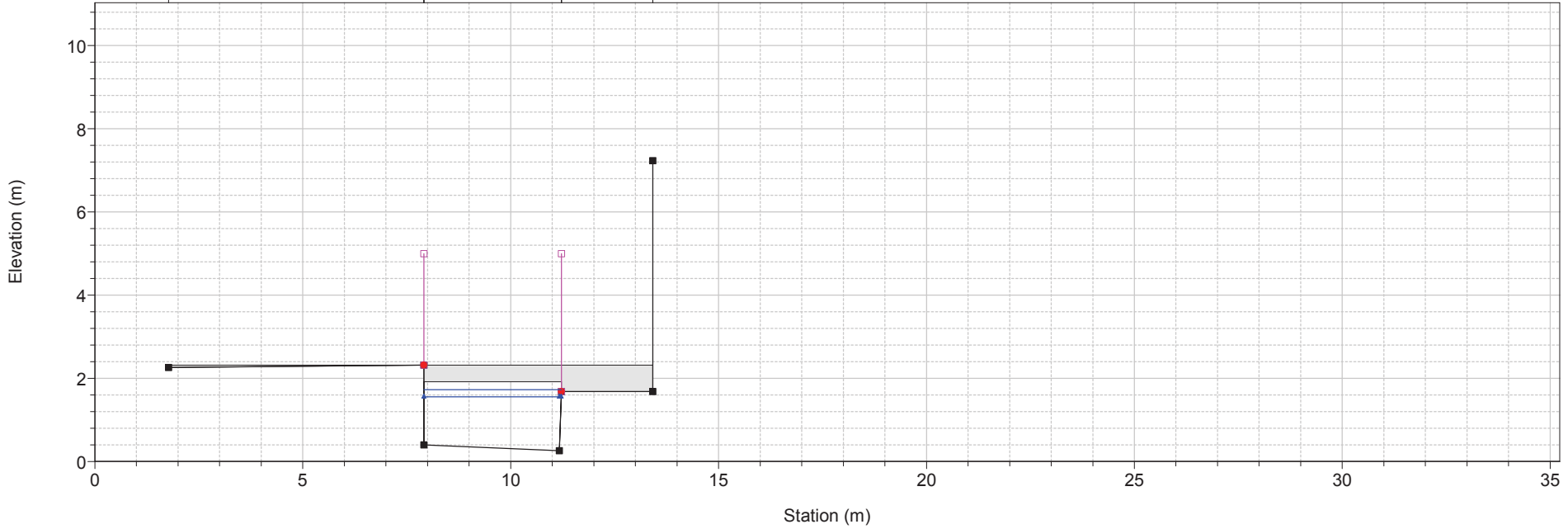


1) A TR 200 2) A TR 30
 River = Acacie Reach = Acacie RS = 74 sez 27

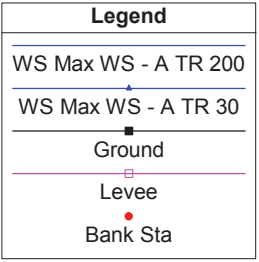
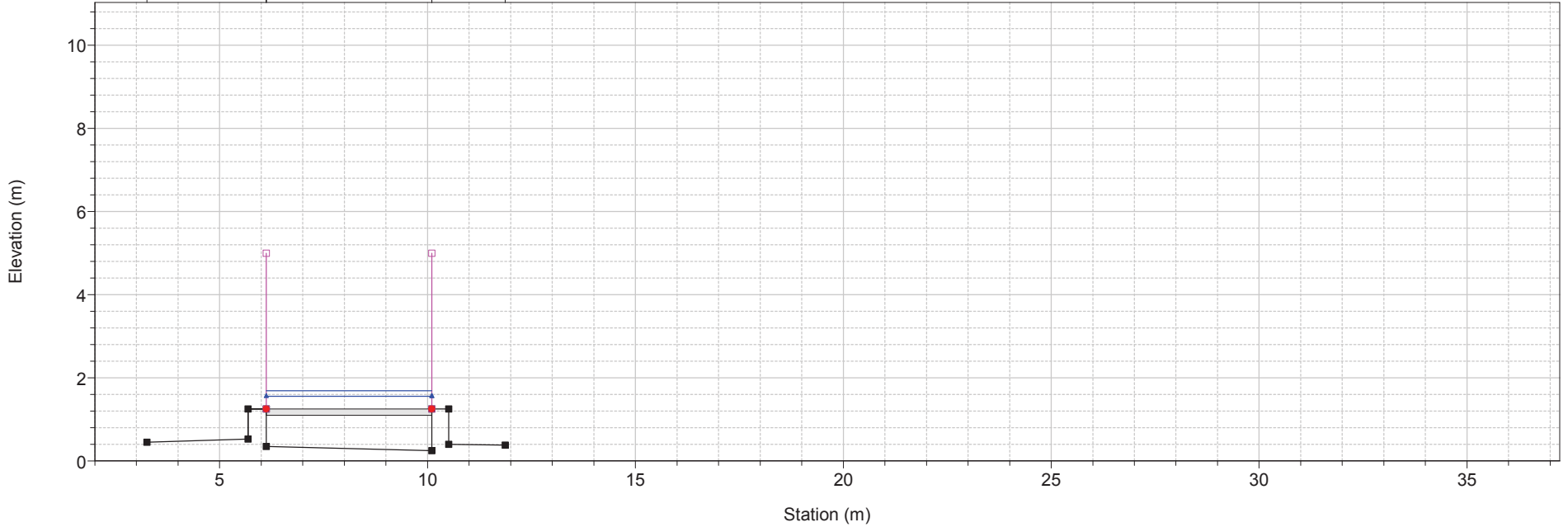
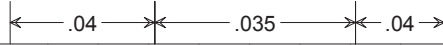


1 cm Horiz. = 1.5 m 1 cm Vert. = 1.5 m

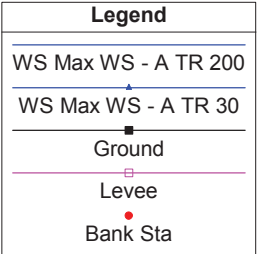
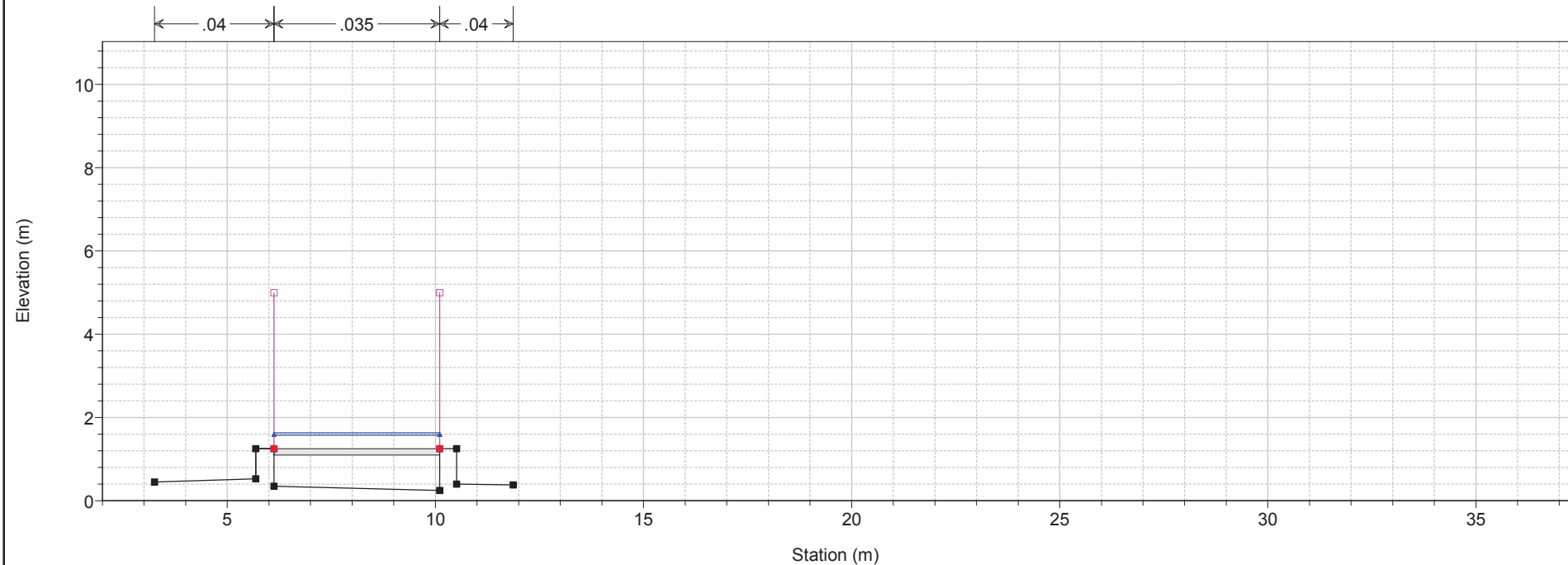
1) A TR 200 2) A TR 30
River = Acacie Reach = Acacie RS = 73.4 sez 27



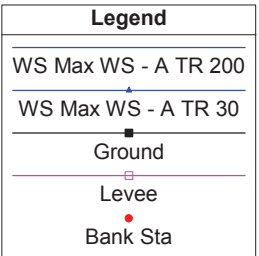
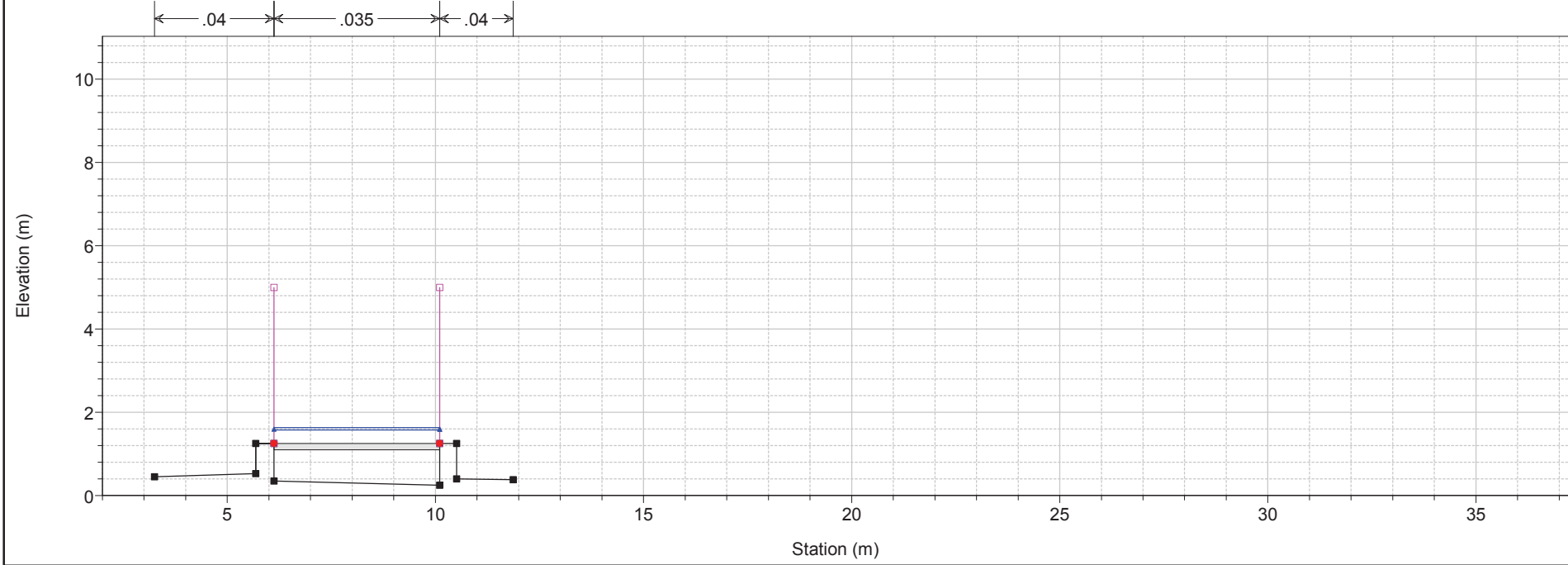
1) A TR 200 2) A TR 30
River = Acacie Reach = Acacie RS = 73.3 sez. 28



1) A TR 200 2) A TR 30
 River = Acacie Reach = Acacie RS = 73.01 sez. 28



1) A TR 200 2) A TR 30
 River = Acacie Reach = Acacie RS = 73 sez. 28



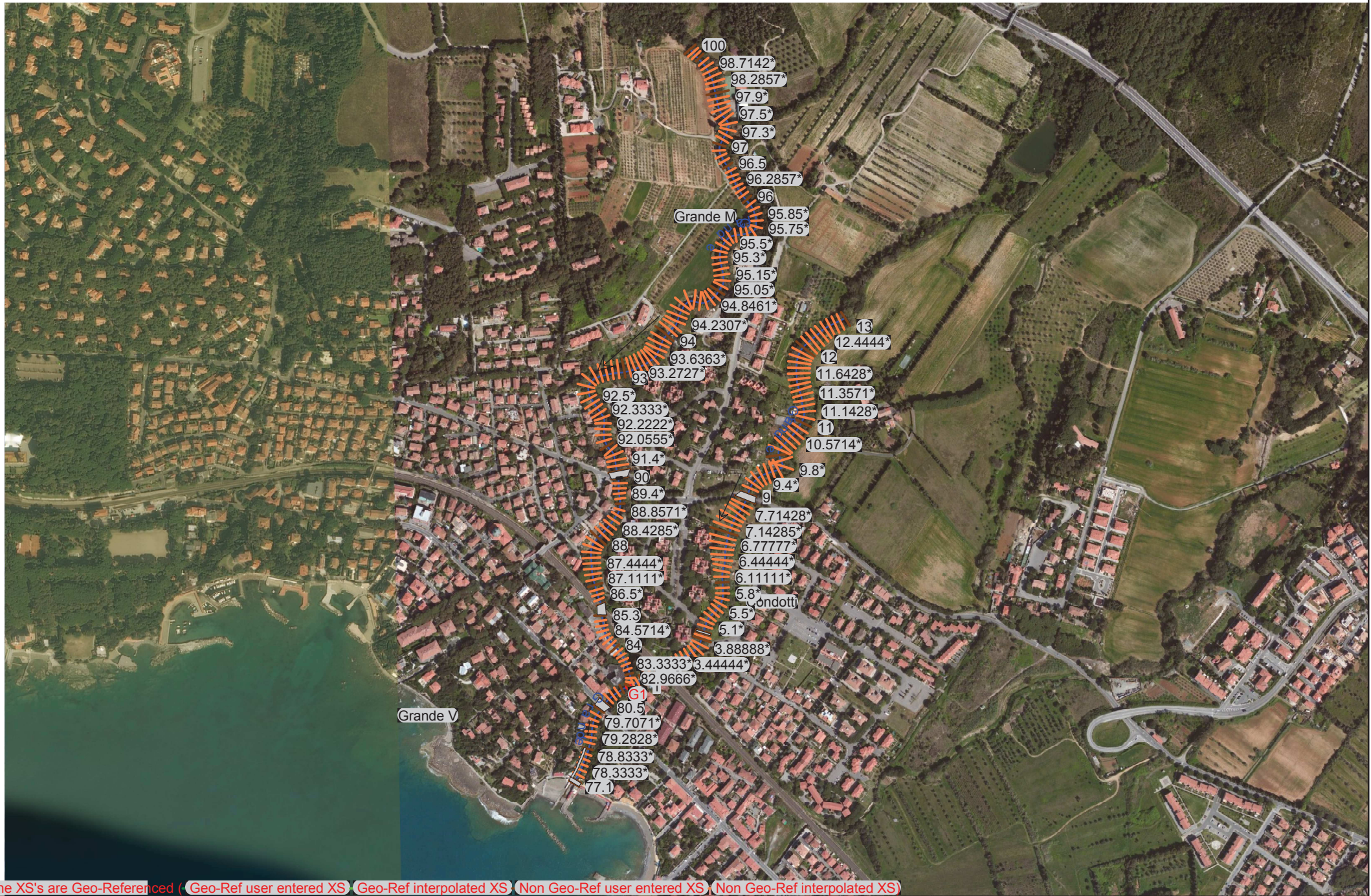
1 cm Horiz. = 1.5 m 1 cm Vert. = 1.5 m

Reach	River Sta	Plan	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
Acacie	82.997		Lat Struct									
Acacie	82	A TR 200	17.00	14.70	16.96	16.27	17.22	0.007004	2.25	7.55	3.92	0.52
Acacie	82	A TR 30	12.13	14.70	16.45	16.02	16.70	0.008239	2.18	5.58	3.90	0.58
Acacie	81.5		Bridge									
Acacie	81	A TR 200	17.00	13.89	15.52	15.71	16.48	0.043282	4.35	3.91	3.11	1.24
Acacie	81	A TR 30	12.13	13.89	15.20	15.42	16.04	0.039128	4.07	2.98	2.36	1.16
Acacie	80.98		Lat Struct									
Acacie	80.97		Lat Struct									
Acacie	80.6	A TR 200	17.07	13.61	15.26	15.06	15.82	0.018157	3.32	5.14	3.11	0.82
Acacie	80.6	A TR 30	12.18	13.61	14.95	14.77	15.39	0.016124	2.92	4.18	3.11	0.80
Acacie	80.5		Inl Struct									
Acacie	80.4	A TR 200	17.07	11.25	12.16	12.70	14.01	0.093328	6.03	2.83	3.11	2.02
Acacie	80.4	A TR 30	12.19	11.25	11.99	12.41	13.42	0.086719	5.31	2.30	3.11	1.97
Acacie	80	A TR 200	17.22	10.42	11.31	11.28	11.71	0.015054	2.79	6.17	6.91	0.94
Acacie	80	A TR 30	12.28	10.42	11.14	11.11	11.45	0.015024	2.48	4.96	6.91	0.93
Acacie	79.5		Bridge									
Acacie	79.3	A TR 200	17.22	9.87	10.65	10.73	11.17	0.023349	3.22	5.35	6.90	1.17
Acacie	79.3	A TR 30	12.28	9.87	10.49	10.56	10.91	0.024041	2.88	4.26	6.90	1.17
Acacie	79	A TR 200	17.23	9.81	10.59	11.06	12.25	0.092425	5.71	3.02	4.29	2.17
Acacie	79	A TR 30	12.28	9.81	10.42	10.83	11.85	0.104486	5.30	2.32	4.28	2.30
Acacie	78	A TR 200	17.40	8.04	9.47	10.04	11.39	0.092819	6.13	2.84	2.02	1.65
Acacie	78	A TR 30	12.37	8.04	9.17	9.64	10.74	0.087980	5.55	2.23	2.01	1.68
Acacie	77	A TR 200	18.44	1.55	3.25	3.01	3.71	0.012306	2.99	6.17	4.09	0.78
Acacie	77	A TR 30	12.89	1.55	2.74	2.71	3.24	0.018276	3.13	4.13	3.85	0.96
Acacie	76.98		Lat Struct									
Acacie	76.97		Lat Struct									
Acacie	76	A TR 200	16.49	0.42	2.46	5.00	3.45	0.066442	4.41	3.74		0.98
Acacie	76	A TR 30	13.20	0.42	1.98	1.82	2.62	0.042596	3.53	3.74		0.90
Acacie	75	A TR 200	16.58	0.45	1.99	2.30	2.78	0.053421	3.96	4.37	6.82	1.01
Acacie	75	A TR 30	13.27	0.45	1.76	1.72	2.32	0.021146	3.32	3.99	3.20	0.95
Acacie	74.98		Lat Struct									
Acacie	74.97		Lat Struct									
Acacie	74	A TR 200	16.27	0.26	1.82	1.69	2.38	0.017978	3.31	4.91	3.31	0.87
Acacie	74	A TR 30	13.27	0.26	1.68	1.52	2.14	0.016138	2.98	4.45	3.31	0.82
Acacie	73.4	A TR 200	16.21	0.26	1.72	1.69	2.36	0.021971	3.54	4.58	3.31	0.96
Acacie	73.4	A TR 30	13.27	0.26	1.56	1.52	2.11	0.021132	3.29	4.03	3.31	0.95
Acacie	73.38		Lat Struct									
Acacie	73.37		Lat Struct									
Acacie	73.3	A TR 200	15.88	0.25	1.69	1.63	2.22	0.048806	3.22	4.93	3.98	0.86
Acacie	73.3	A TR 30	13.17	0.25	1.56	1.49	2.01	0.048756	2.99	4.41	3.98	0.83
Acacie	73.01	A TR 200	3.64	0.25	1.63	0.74	1.66	0.003002	0.77	4.70	3.98	0.21
Acacie	73.01	A TR 30	3.36	0.25	1.58	0.72	1.61	0.003001	0.75	4.48	3.98	0.21
Acacie	73	A TR 200	3.64	0.25	1.63	0.74	1.66	0.003004	0.77	4.70	3.98	0.21
Acacie	73	A TR 30	3.36	0.25	1.58	0.72	1.61	0.003004	0.75	4.48	3.98	0.21

Reach	River Sta	Plan	Q US (m3/s)	Q Leaving Total (m3/s)	Q DS (m3/s)	Q Weir (m3/s)	Q Gates (m3/s)	Wr Top Wdth (m)	Weir Max Depth (m)	Weir Avg Depth (m)	Min El Weir Flow (m)	E.G. US. (m)	W.S. US. (m)	E.G. DS (m)	W.S. DS (m)
Acacie	86.998	A TR 200	16.77	0.00	16.48	0.00					19.52	20.66	19.60	18.74	18.32
Acacie	86.998	A TR 30	11.54	0.00	11.83	0.00					19.52	20.22	19.34	18.28	17.92
Acacie	86.997	A TR 200	16.77	0.00	16.48	0.00					19.59	20.66	19.60	18.74	18.32
Acacie	86.997	A TR 30	11.54	0.00	11.83	0.00					19.59	20.22	19.34	18.28	17.92
Acacie	84.998	A TR 200	17.49	0.40	17.11	0.40		7.74	0.18	0.09	18.14	18.63	18.31	18.42	18.32
Acacie	84.998	A TR 30	11.83	0.00	12.09	0.00					18.14	17.96	17.42	17.17	16.97
Acacie	84.997	A TR 200	17.49	0.00	17.11	0.00					18.35	18.63	18.31	18.42	18.32
Acacie	84.997	A TR 30	11.83	0.00	12.09	0.00					18.35	17.96	17.42	17.17	16.97
Acacie	82.998	A TR 200	17.10	0.15	17.00	0.15		1.28	0.31	0.15	16.65	17.36	16.79	17.22	16.96
Acacie	82.998	A TR 30	12.09	0.00	12.13	0.00					16.65	16.89	16.38	16.70	16.45
Acacie	82.997	A TR 200	17.10	0.00	17.00	0.00					17.09	17.36	16.79	17.22	16.96
Acacie	82.997	A TR 30	12.09	0.00	12.13	0.00					17.09	16.89	16.38	16.70	16.45
Acacie	80.98	A TR 200	17.00	0.00	17.07	0.00					16.76	16.47	15.51	15.83	15.27
Acacie	80.98	A TR 30	12.13	0.00	12.18	0.00					16.76	16.03	15.19	15.39	14.96
Acacie	80.97	A TR 200	17.00	0.00	17.07	0.00					16.76	16.47	15.51	15.83	15.27
Acacie	80.97	A TR 30	12.13	0.00	12.18	0.00					16.76	16.03	15.19	15.39	14.96
Acacie	76.98	A TR 200	18.44	0.68	16.49	0.68		4.80	0.44	0.24	2.04	3.71	3.25	3.45	2.48
Acacie	76.98	A TR 30	12.89	0.00	13.20	0.00					2.04	3.24	2.74	2.62	1.99
Acacie	76.97	A TR 200	18.44	1.74	16.49	1.74		5.24	0.55	0.32	1.93	3.71	3.25	3.45	2.48
Acacie	76.97	A TR 30	12.89	0.01	13.20	0.01		0.49	0.06	0.03	1.93	3.24	2.74	2.62	1.99
Acacie	74.98	A TR 200	16.58	0.47	16.27	0.47		7.20	0.14	0.11	1.68	2.78	1.99	2.39	1.82
Acacie	74.98	A TR 30	13.27	0.00	13.27	0.00		0.23	0.00	0.00	1.68	2.32	1.76	2.14	1.68
Acacie	74.97	A TR 200	16.58	0.00	16.27	0.00		0.48	0.04	0.02	1.95	2.78	1.99	2.39	1.82
Acacie	74.97	A TR 30	13.27	0.00	13.27	0.00					1.95	2.32	1.76	2.14	1.68
Acacie	73.38	A TR 200	16.21	6.62	3.64	6.62		27.42	0.44	0.27	1.25	2.35	1.72	1.66	1.63
Acacie	73.38	A TR 30	13.27	4.98	3.36	4.98		27.16	0.32	0.22	1.25	2.10	1.56	1.60	1.57
Acacie	73.37	A TR 200	16.21	6.50	3.64	6.50		26.90	0.44	0.27	1.25	2.35	1.72	1.66	1.63
Acacie	73.37	A TR 30	13.27	4.93	3.36	4.93		26.78	0.32	0.22	1.25	2.10	1.56	1.60	1.57

Botro Grande e botro Condotti

Stato attuale

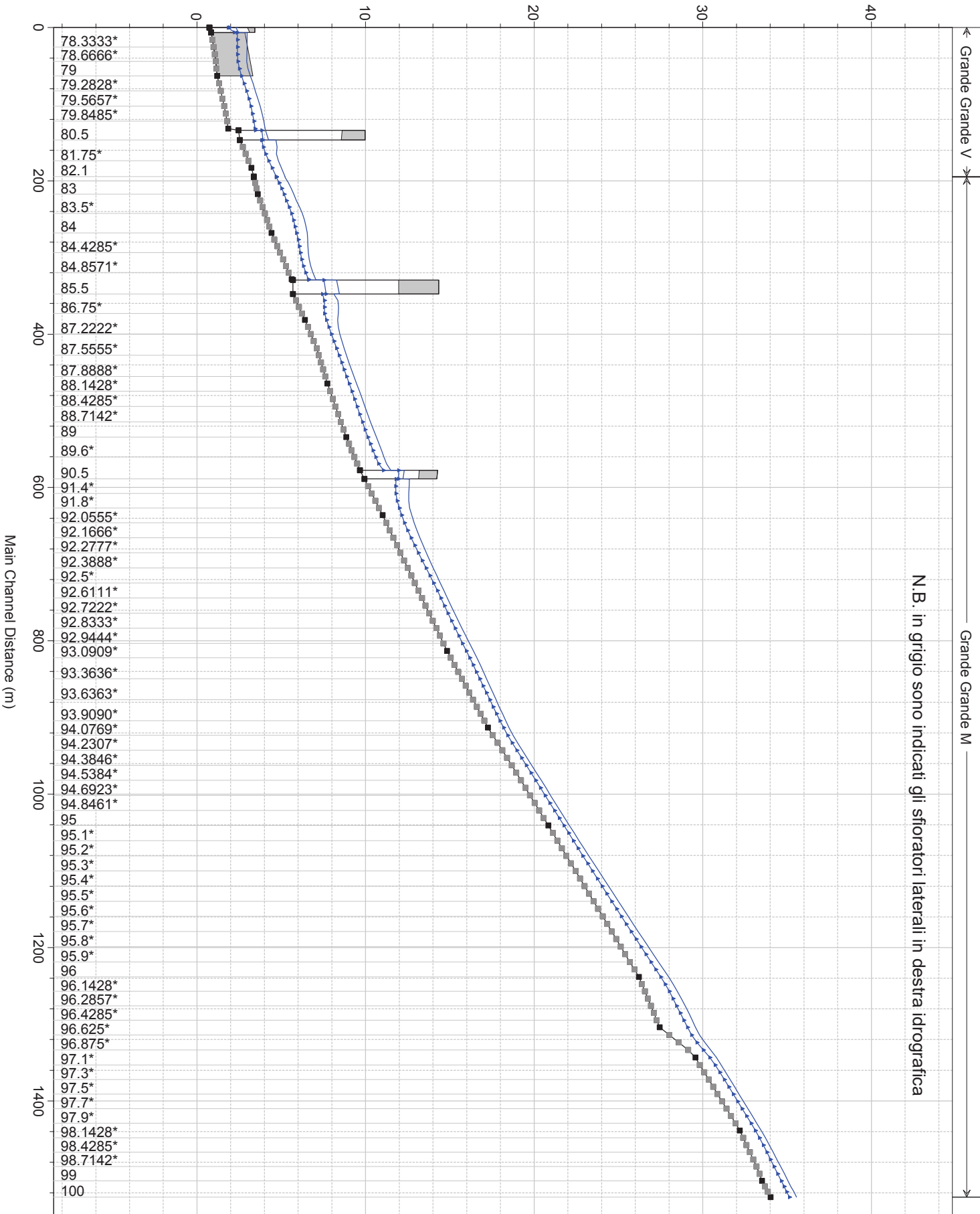


None of the XS's are Geo-Referenced (Geo-Ref user entered XS, Geo-Ref interpolated XS, Non Geo-Ref user entered XS, Non Geo-Ref interpolated XS)

1 cm Horiz. = 82 m 1 cm Vert. = 67 m

1 cm Horiz. = 66 m 1 cm Vert. = 3 m

Elevation (m)



Grande Grande V

Grande Grande M

1) A TR200 2) A TR30

N.B. in grigio sono indicati gli sfioratori laterali in destra idrografica

Legend

- WS Max WS - A TR200
- WS Max WS - A TR30
- Ground

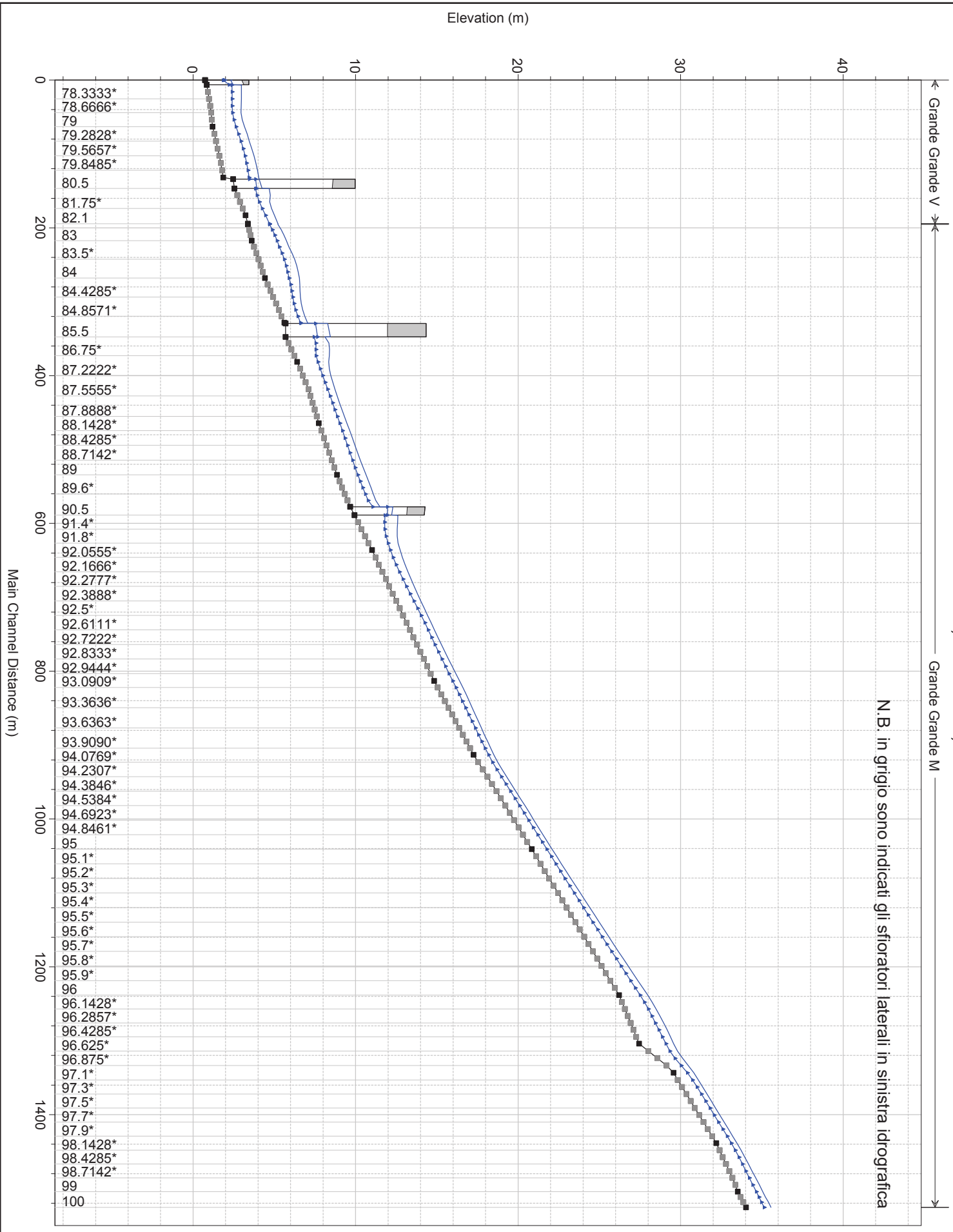
1) A TR200 2) A TR30

Grande Grande M

N.B. in grigio sono indicati gli sfioratori laterali in sinistra idrografica

Legend

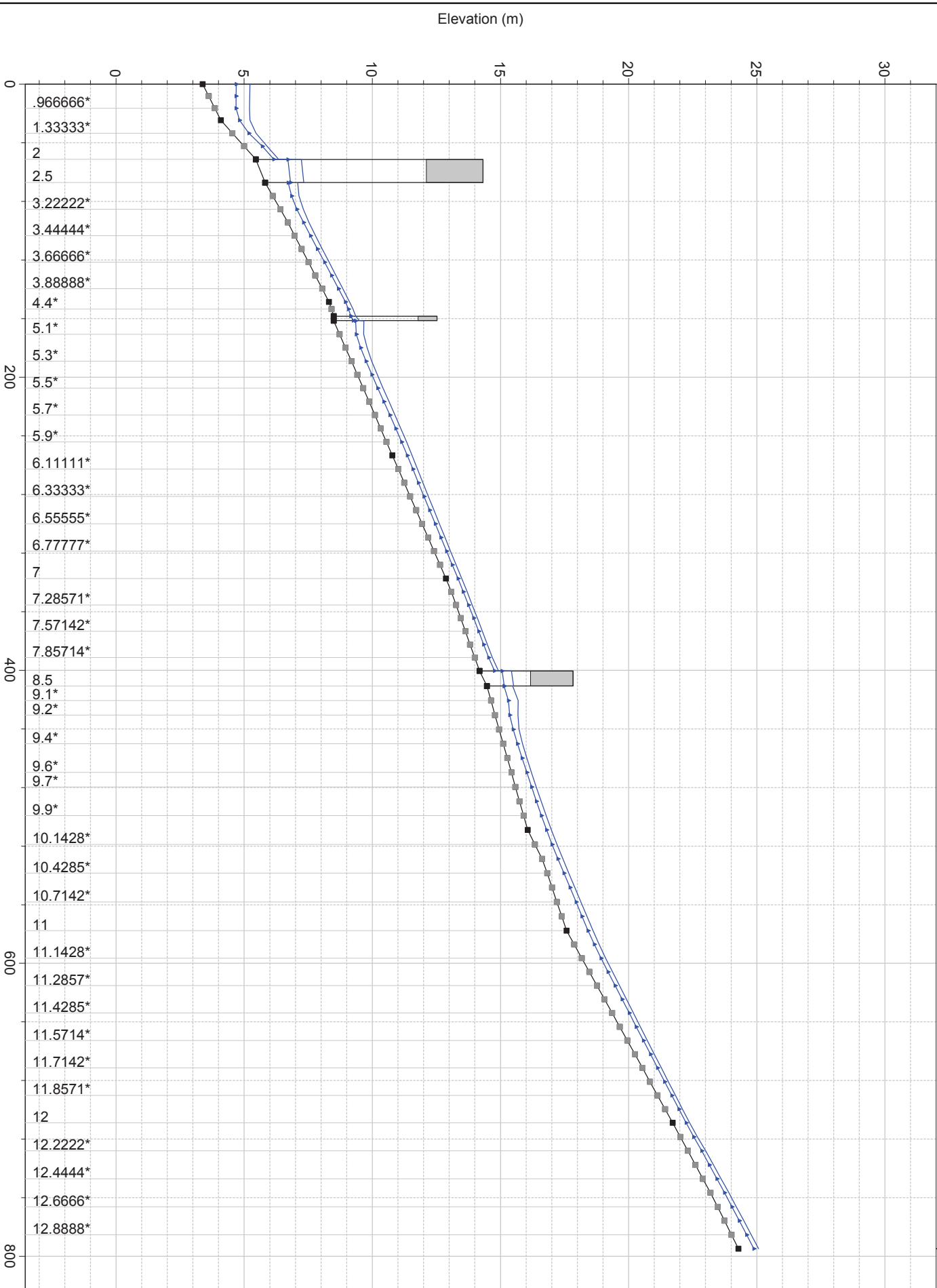
- WS Max WS - A TR200
- WS Max WS - A TR30
- Ground



1 cm Horiz. = 66 m 1 cm Vert. = 3 m

1) A TR200 2) A TR30

Grande Condotiti

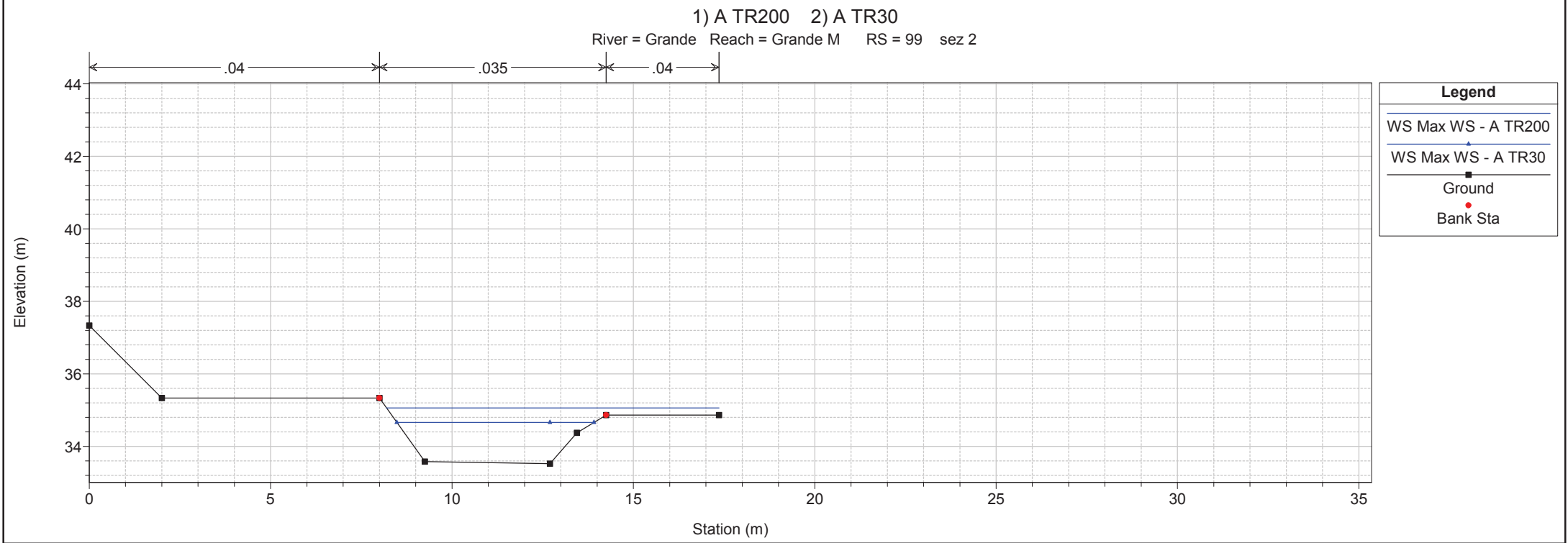
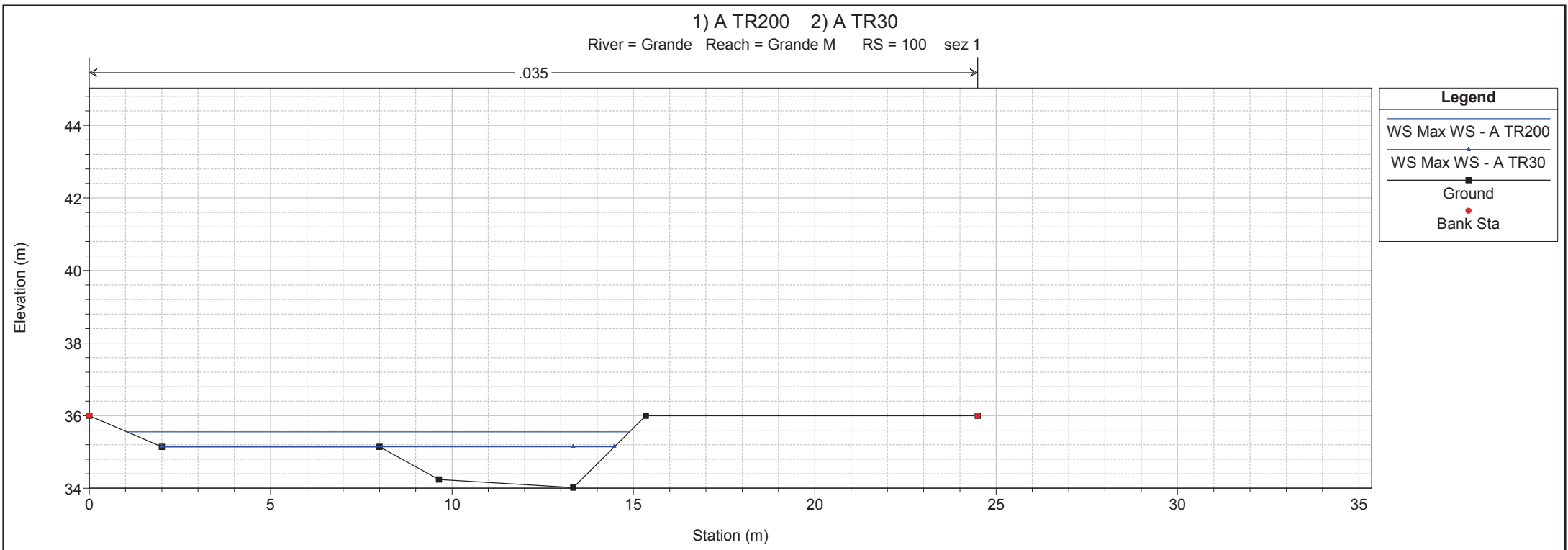


Legend	
WS Max WS - A TR200	▲
WS Max WS - A TR30	■
Ground	—

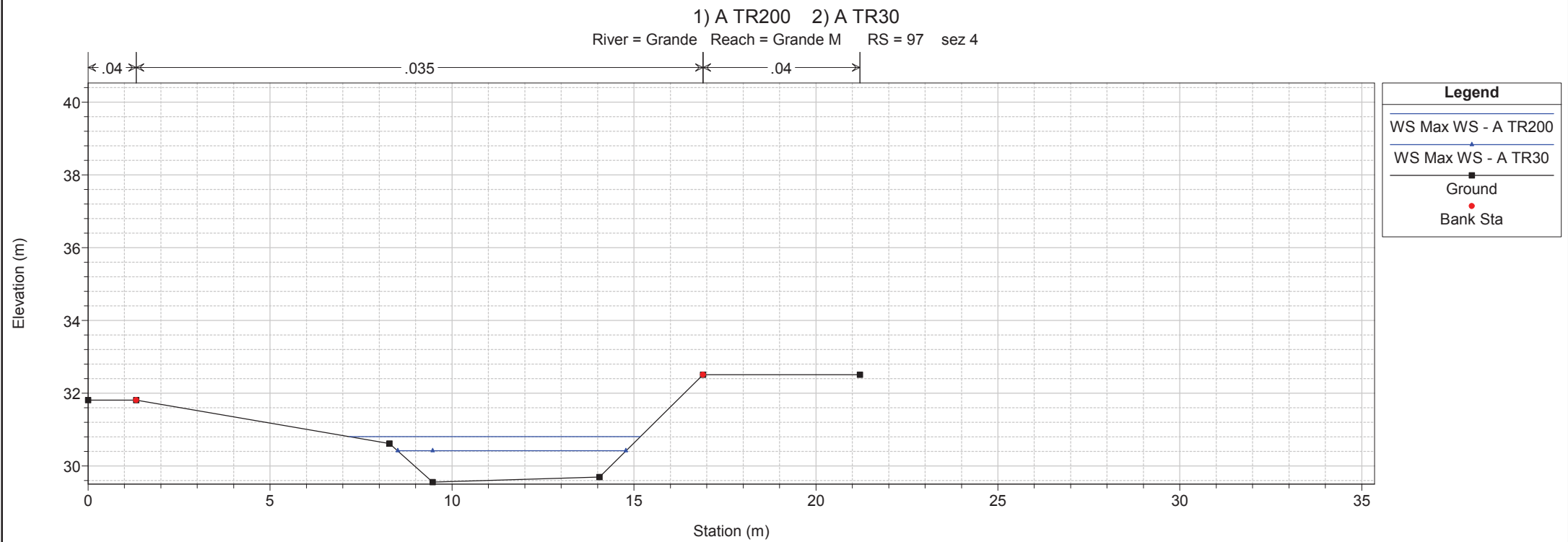
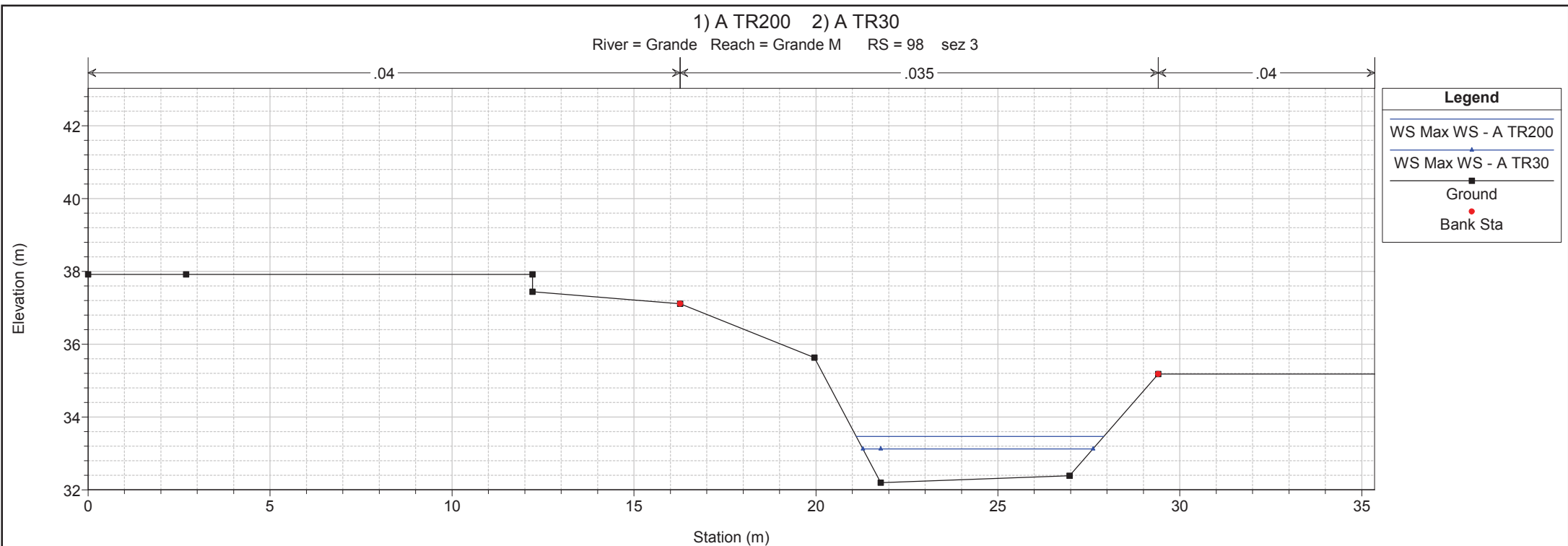
1 cm Horiz. = 35 m 1 cm Vert. = 2 m

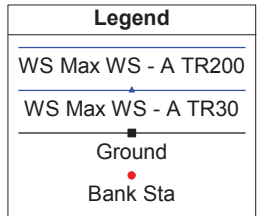
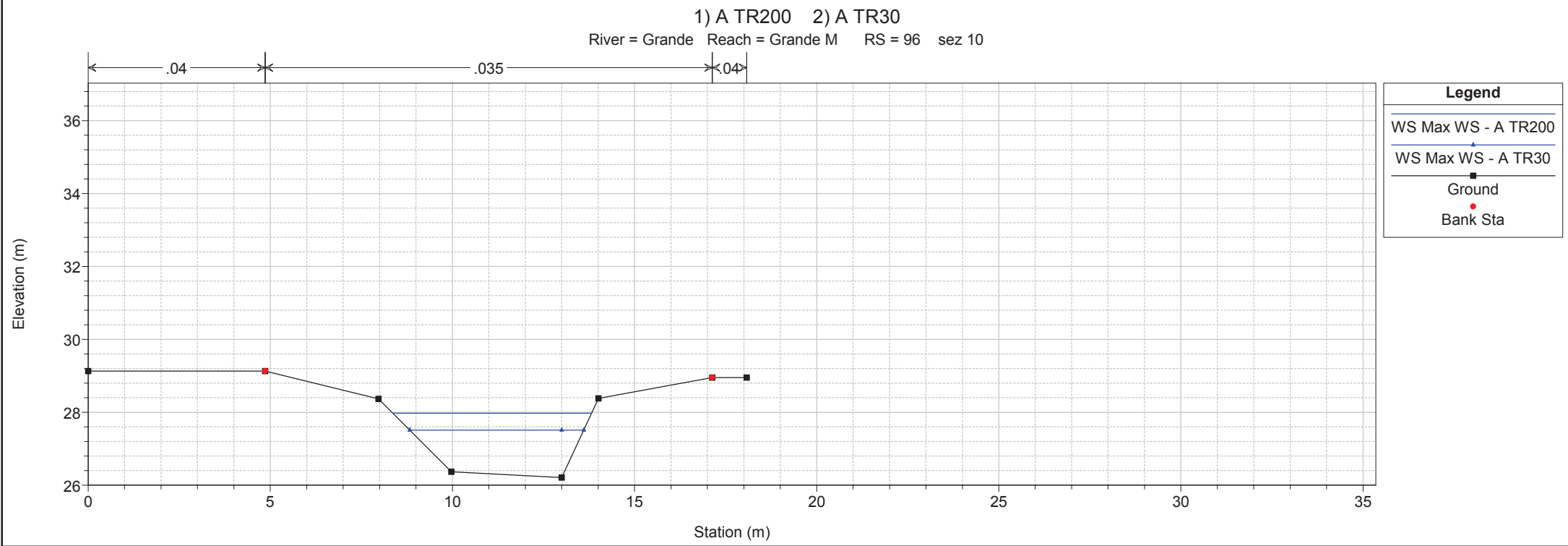
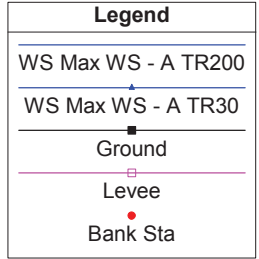
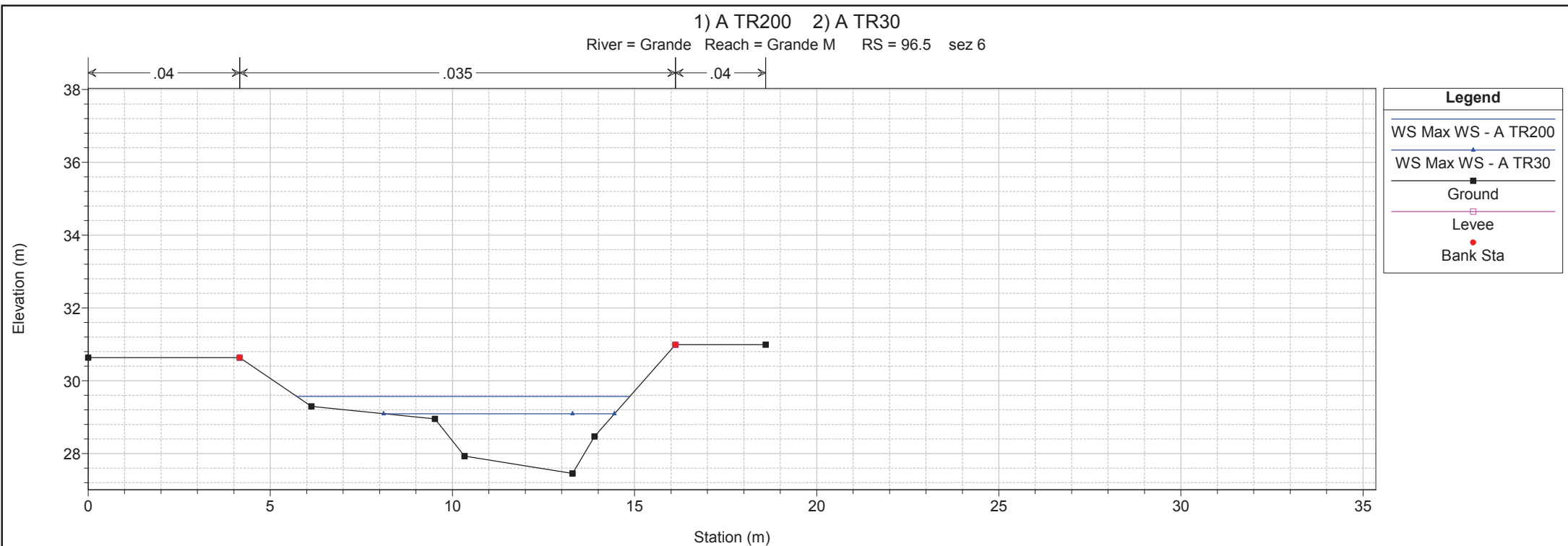
Main Channel Distance (m)

Elevation (m)

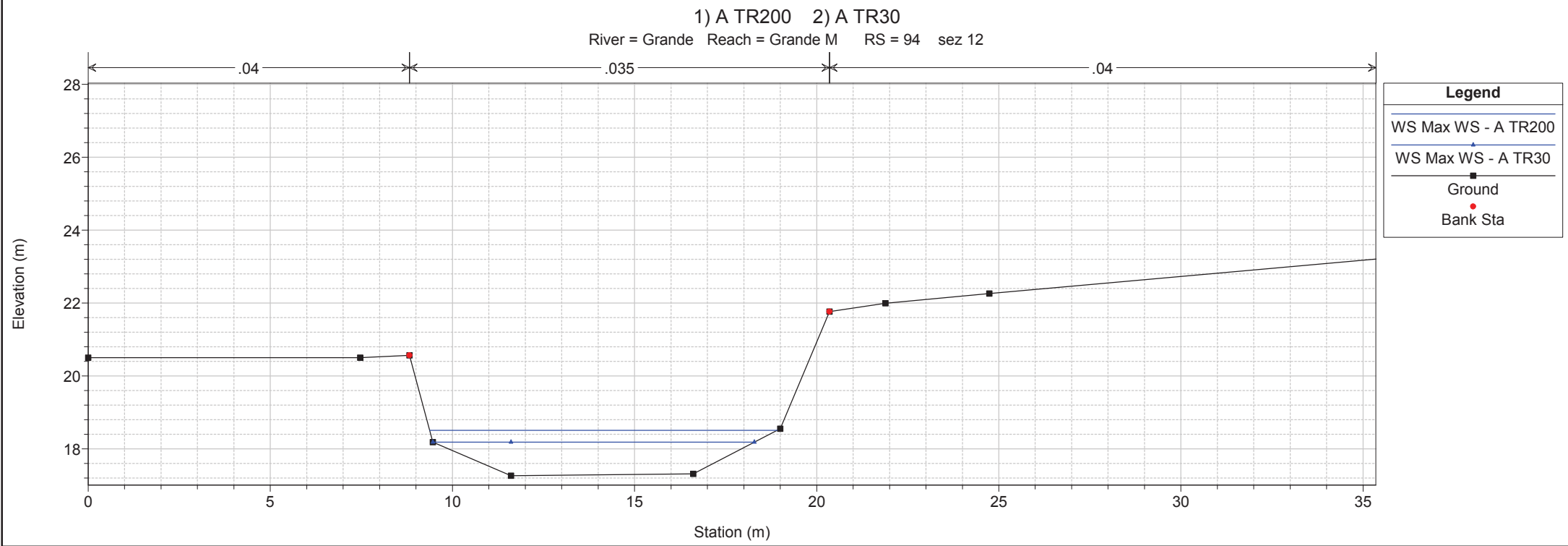
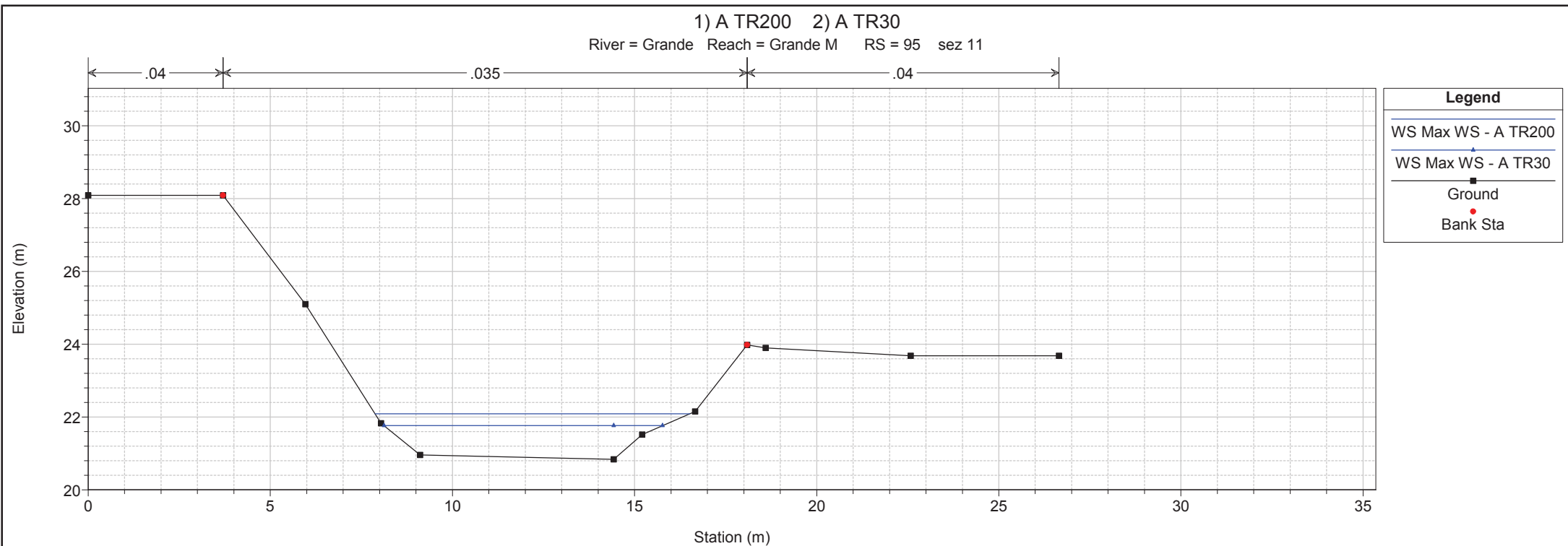


1 cm Horiz. = 1.5 m 1 cm Vert. = 1.5 m

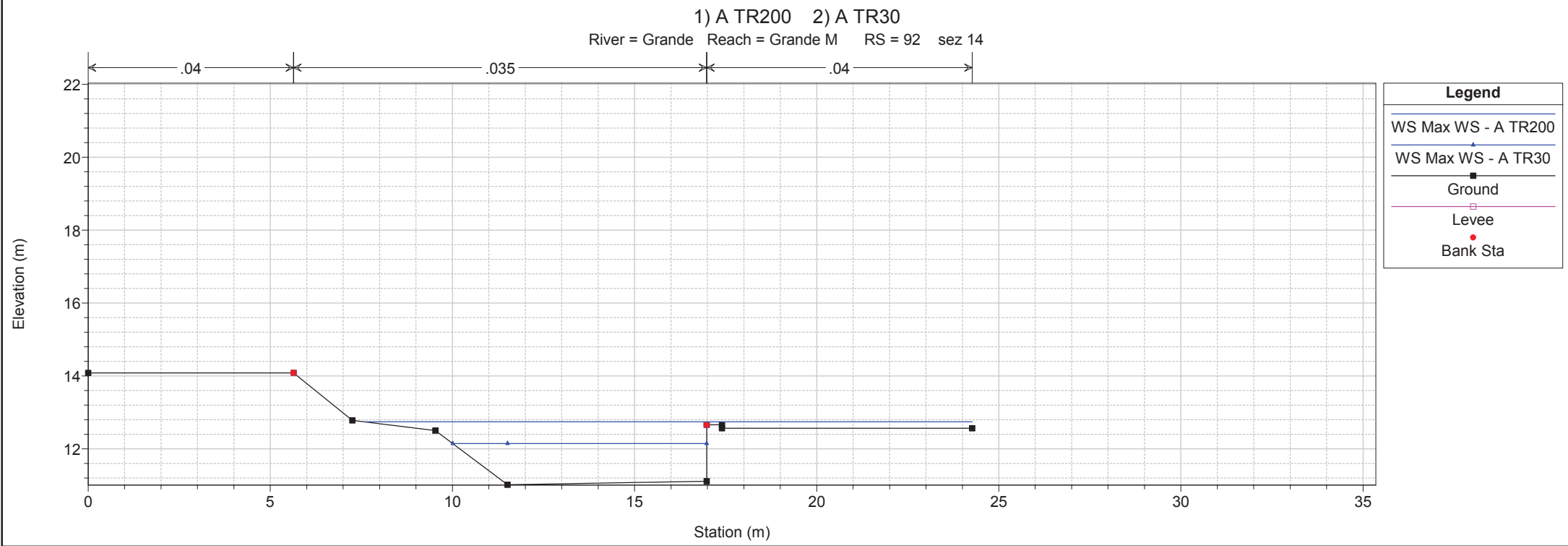
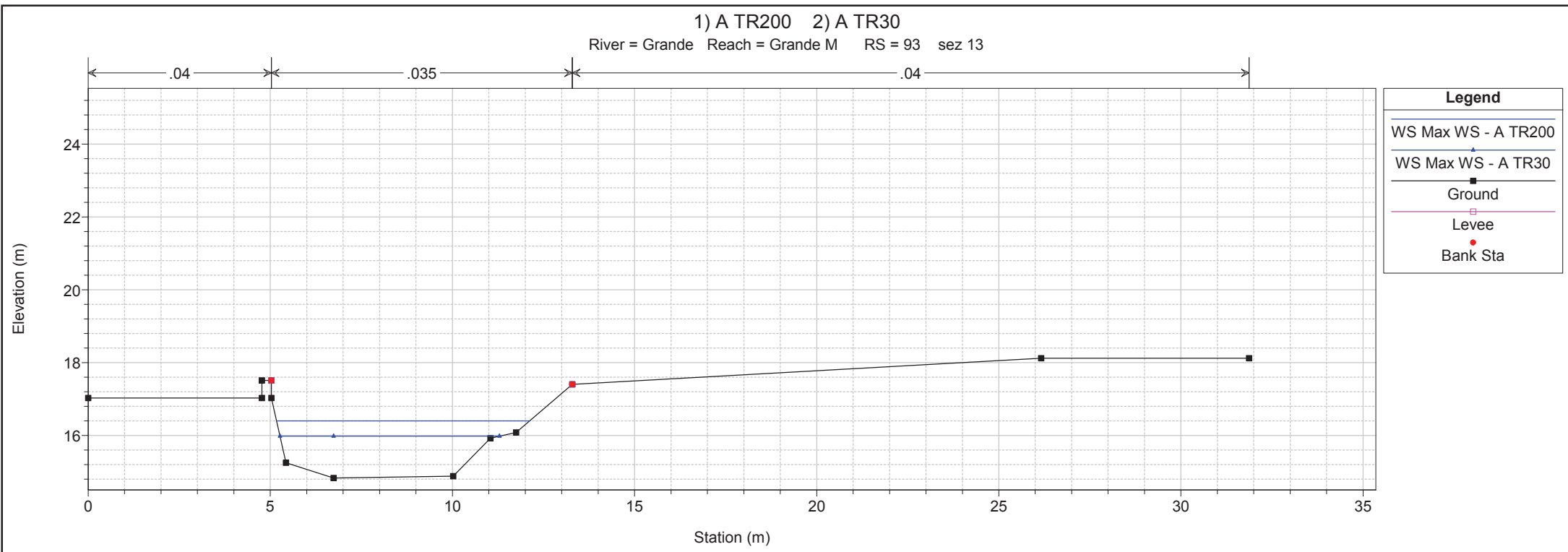


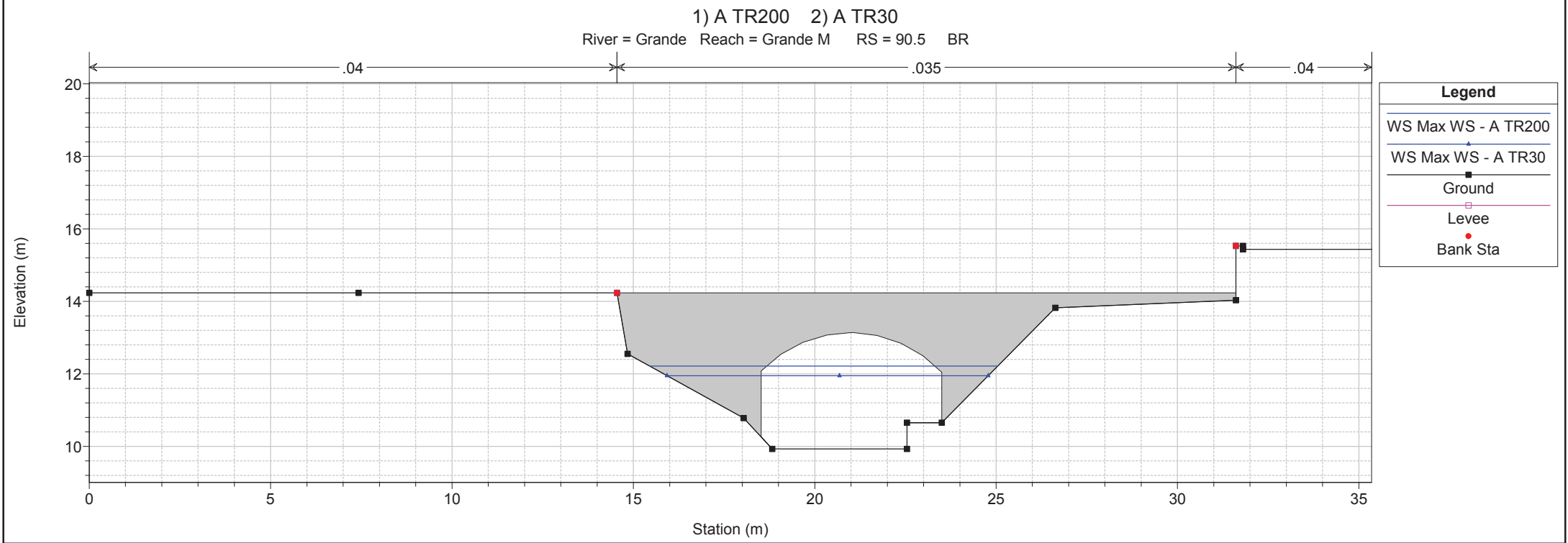
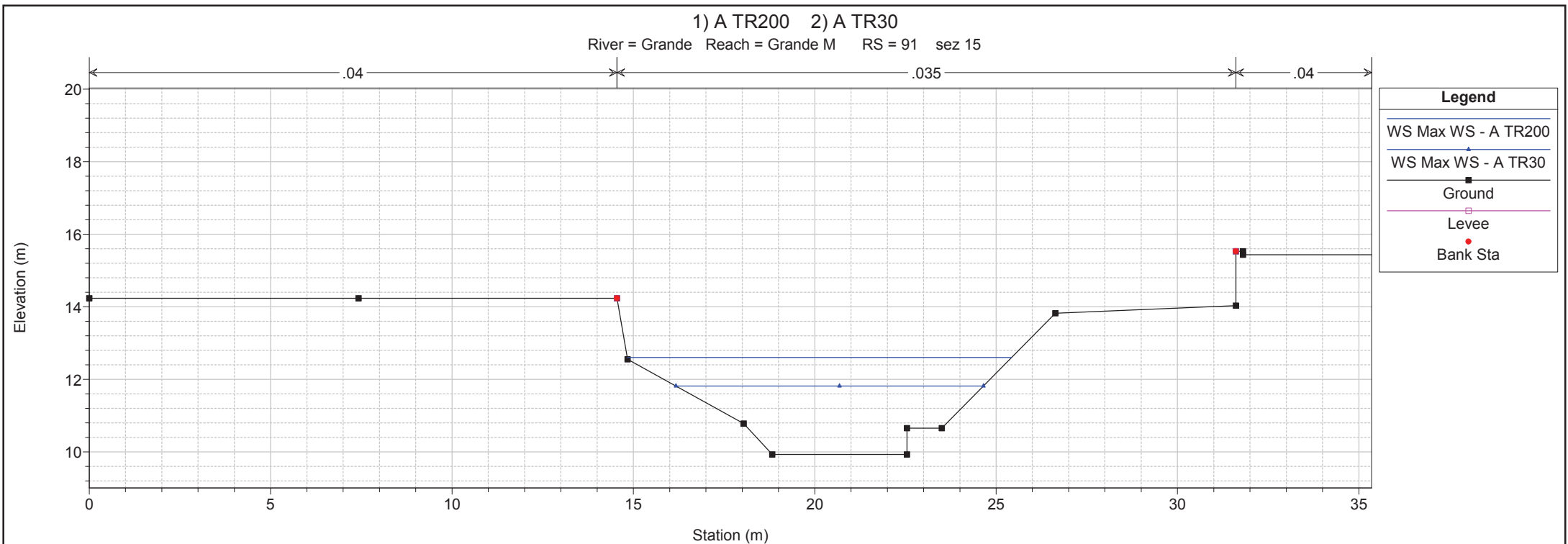


1 cm Horiz. = 1.5 m 1 cm Vert. = 1.5 m

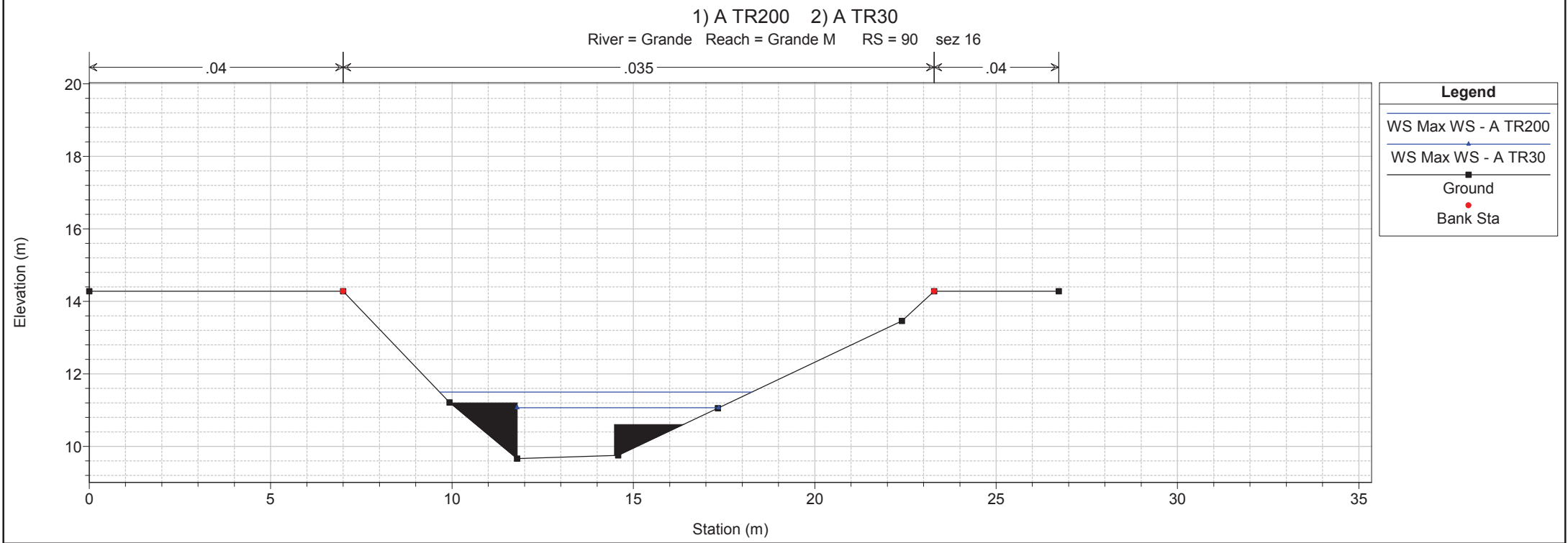
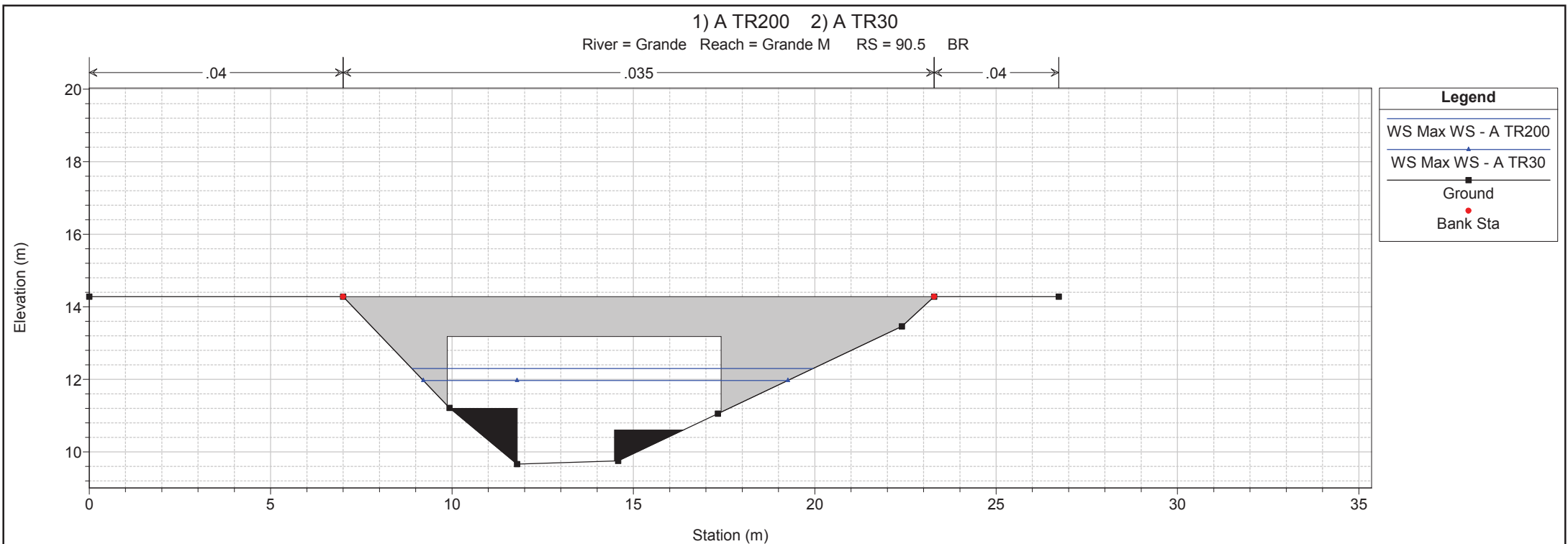


1 cm Horiz. = 1.5 m 1 cm Vert. = 1.5 m





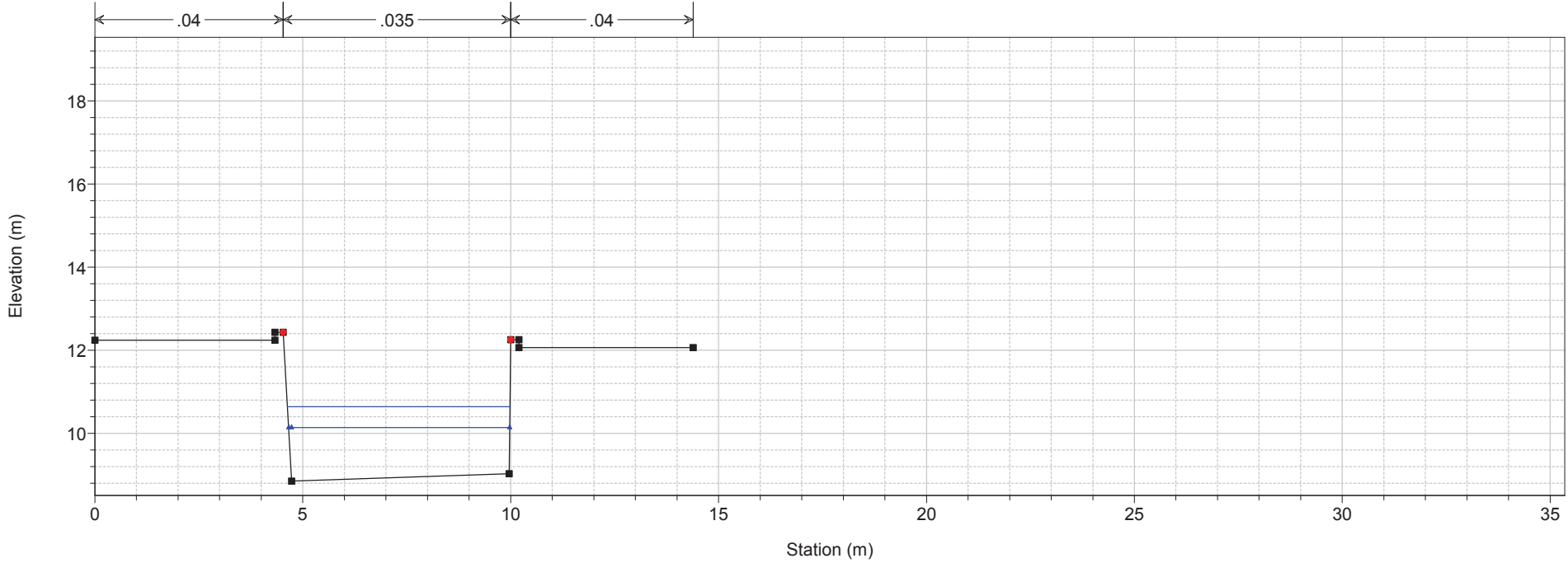
1 cm Horiz. = 1.5 m 1 cm Vert. = 1.5 m



1 cm Horiz. = 1.5 m 1 cm Vert. = 1.5 m

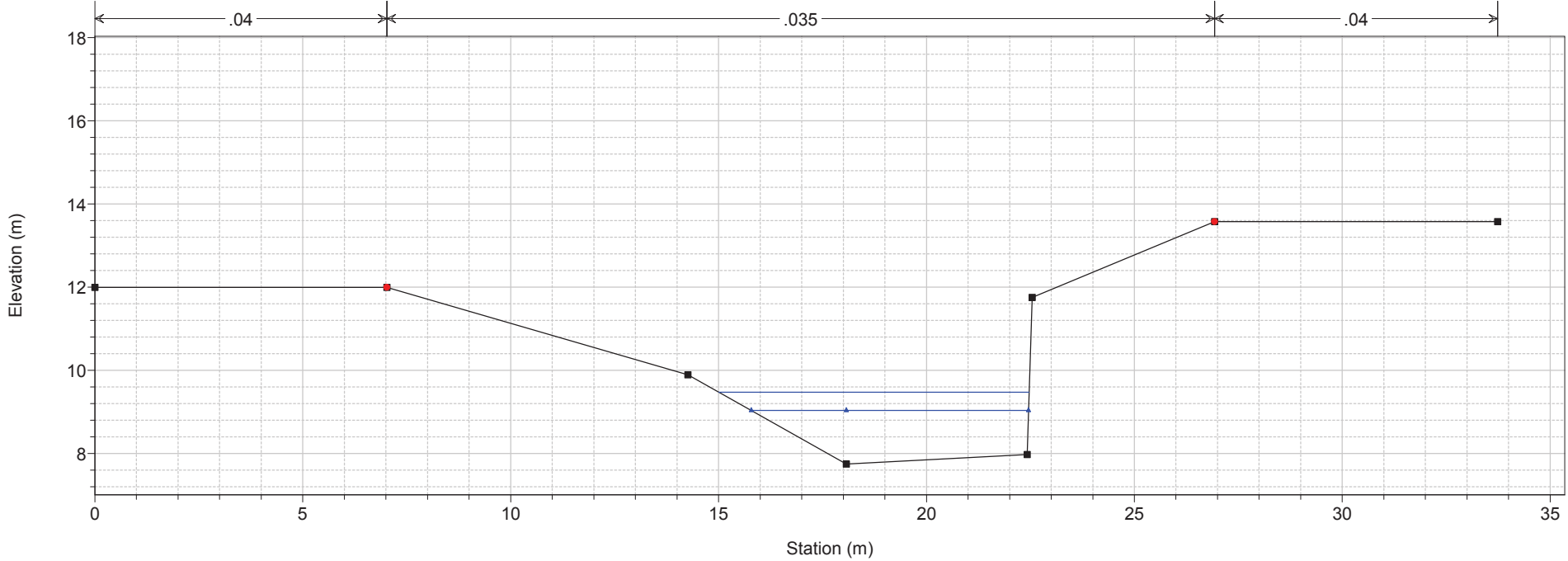
1) A TR200 2) A TR30

River = Grande Reach = Grande M RS = 89 sez 17



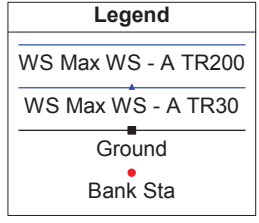
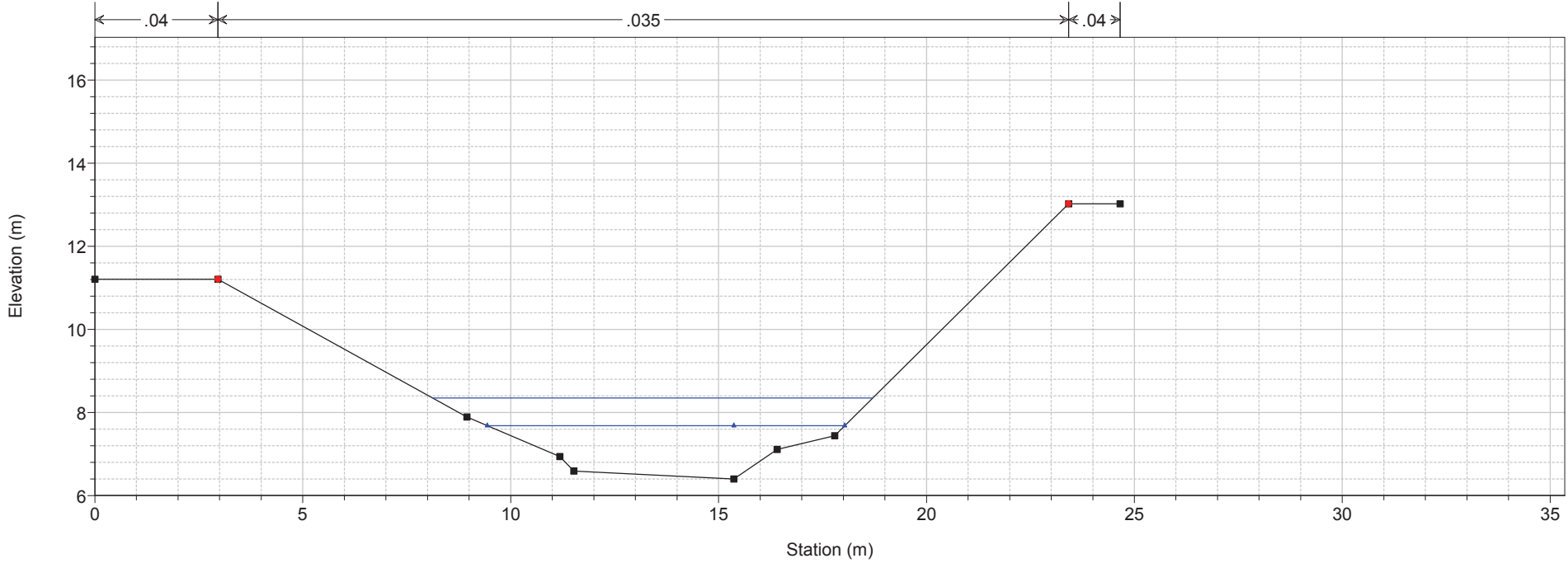
1) A TR200 2) A TR30

River = Grande Reach = Grande M RS = 88 sez 18



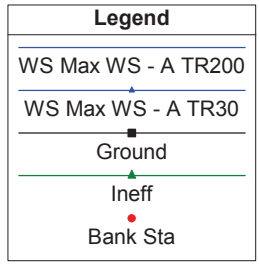
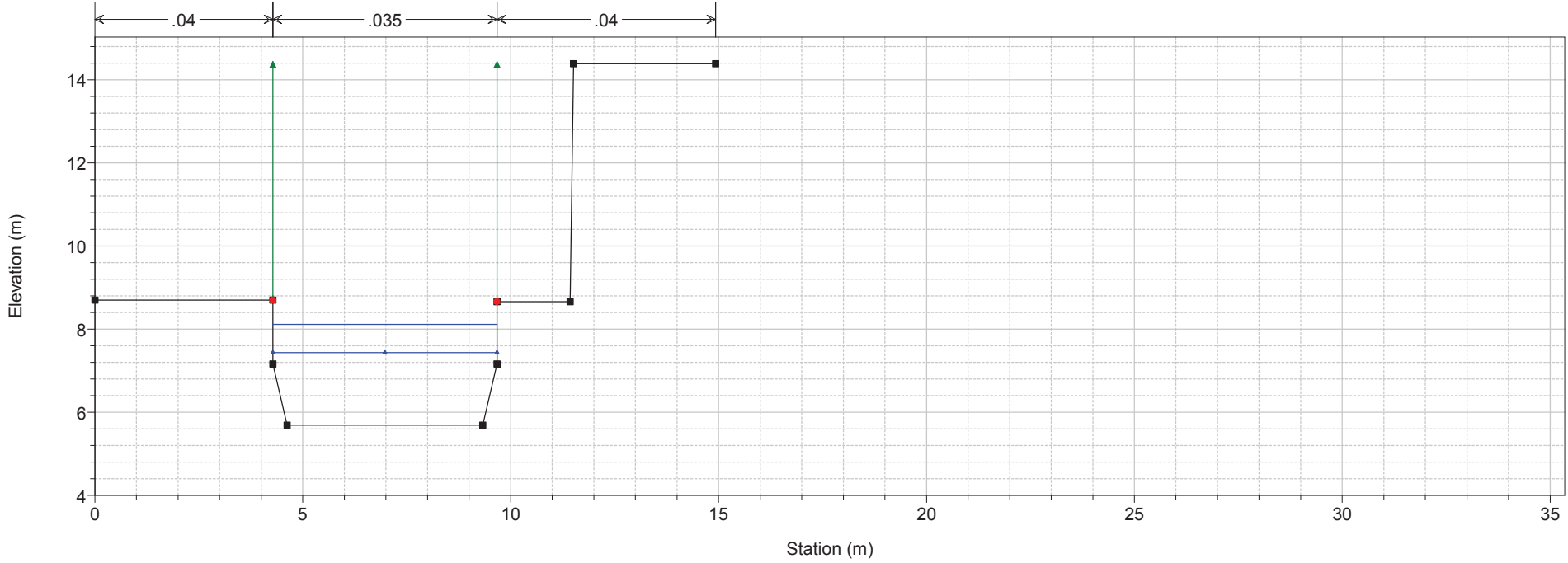
1) A TR200 2) A TR30

River = Grande Reach = Grande M RS = 87 sez 19



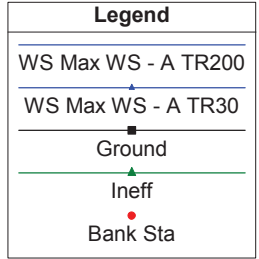
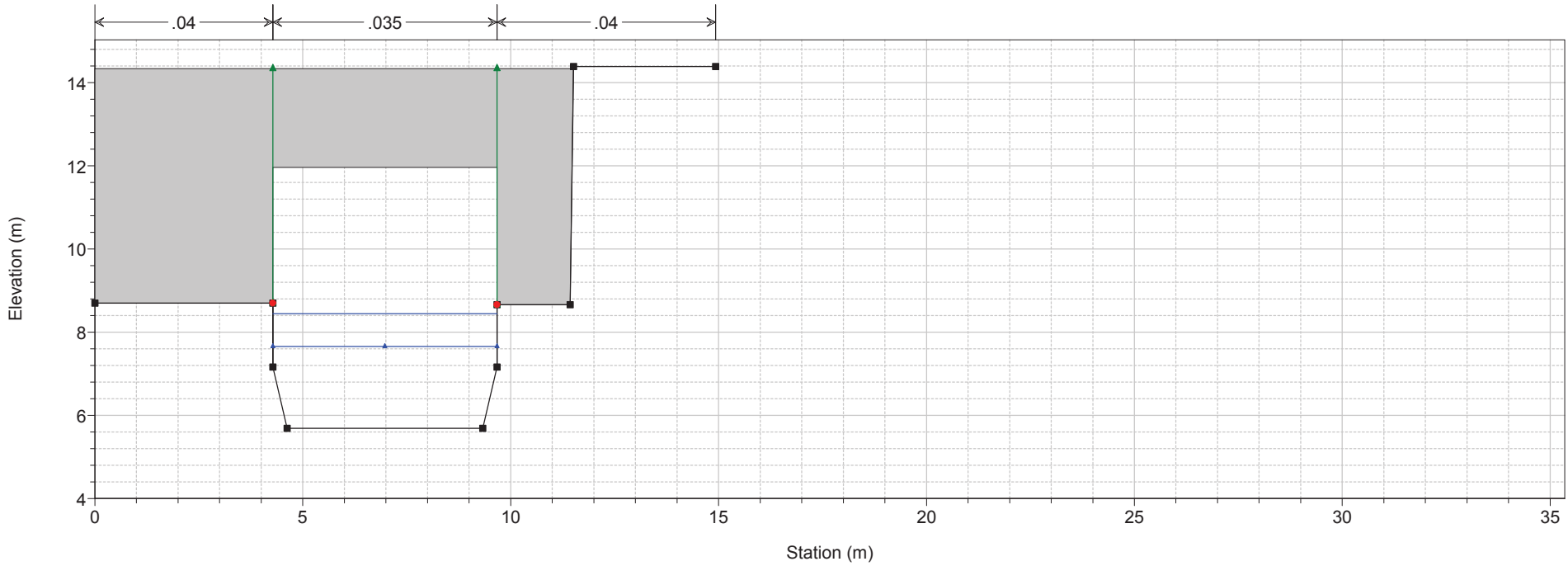
1) A TR200 2) A TR30

River = Grande Reach = Grande M RS = 86 sez 20



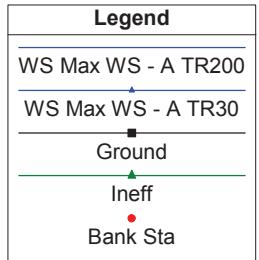
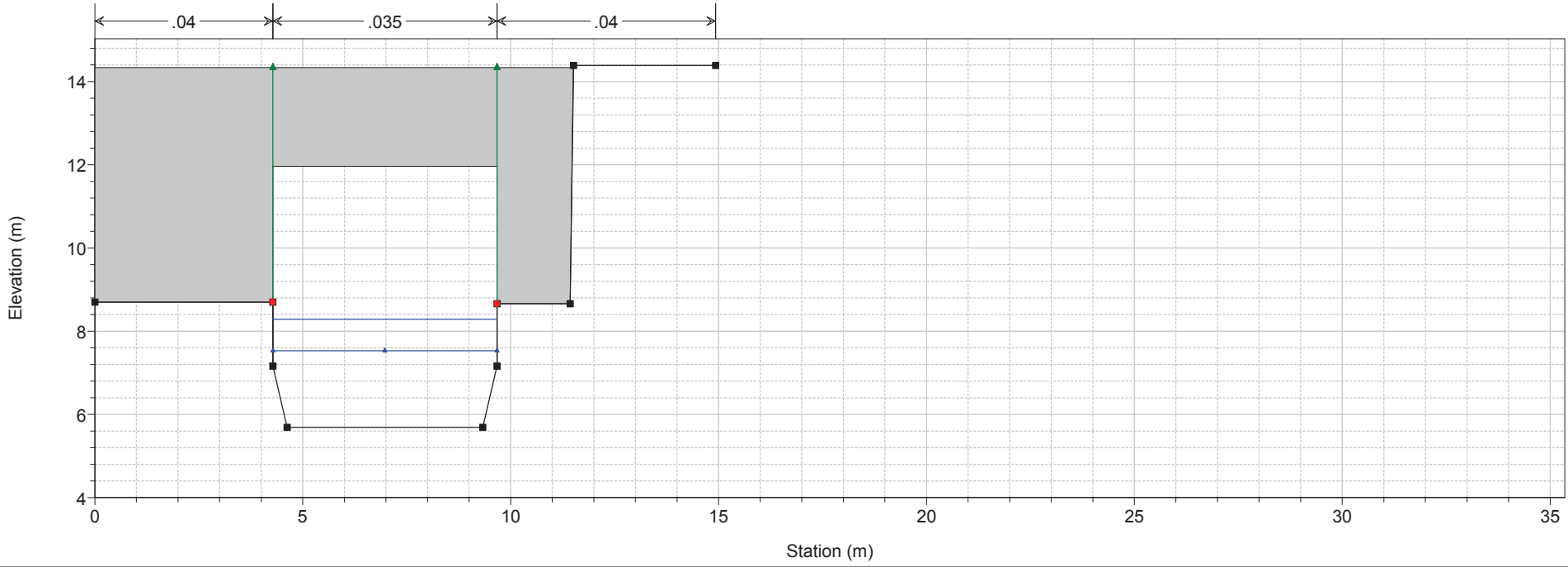
1) A TR200 2) A TR30

River = Grande Reach = Grande M RS = 85.5 BR

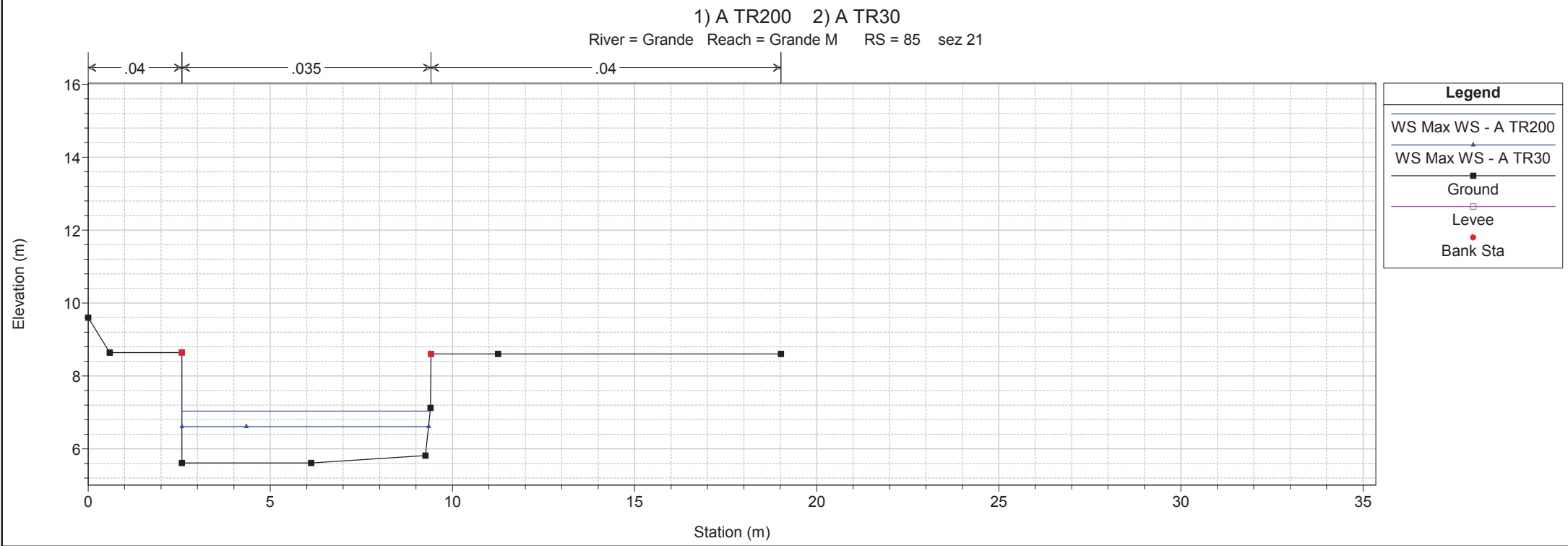
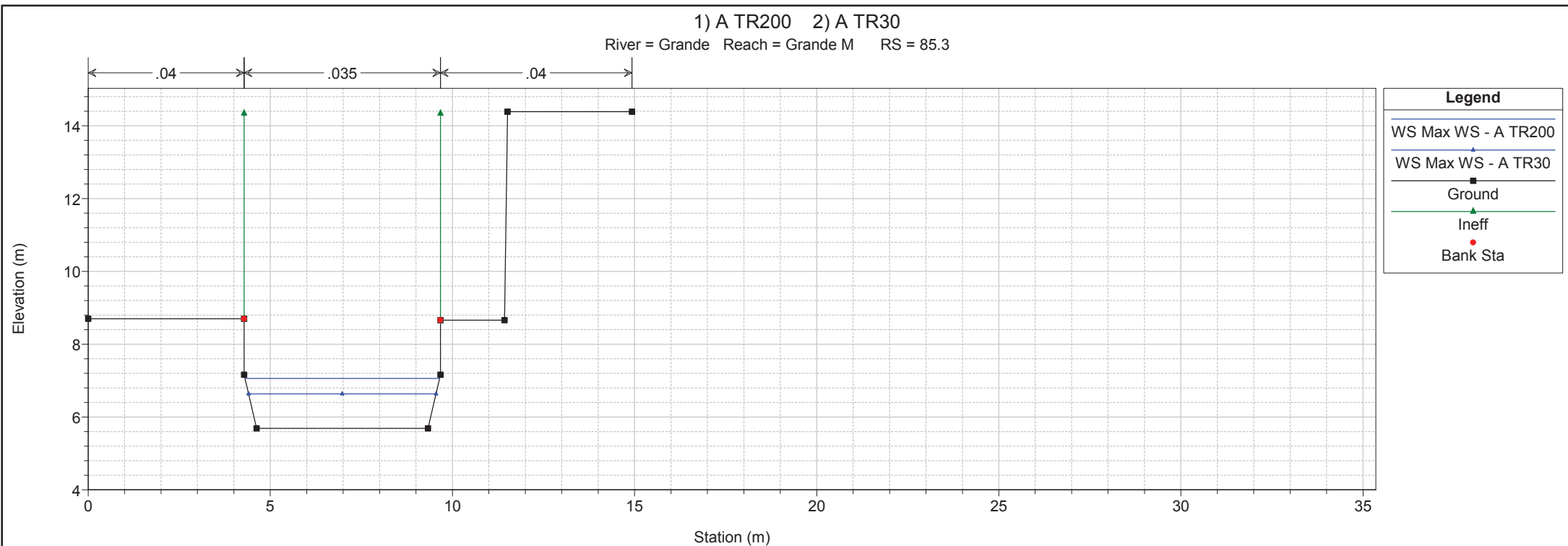


1) A TR200 2) A TR30

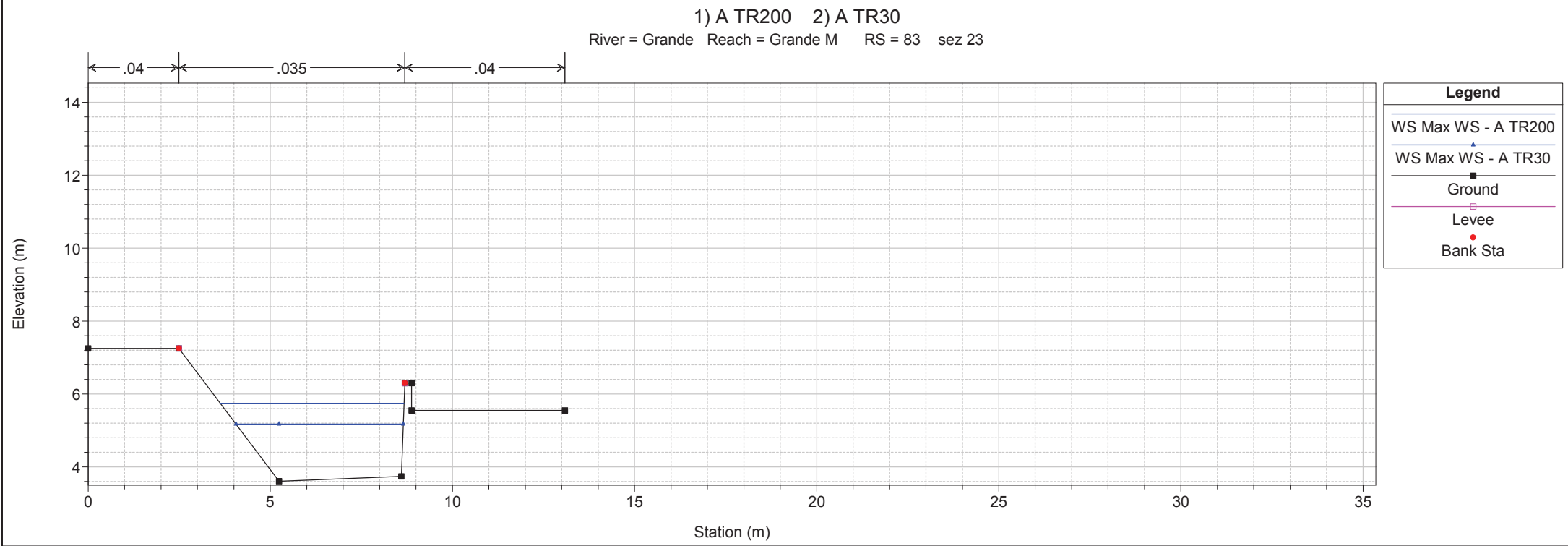
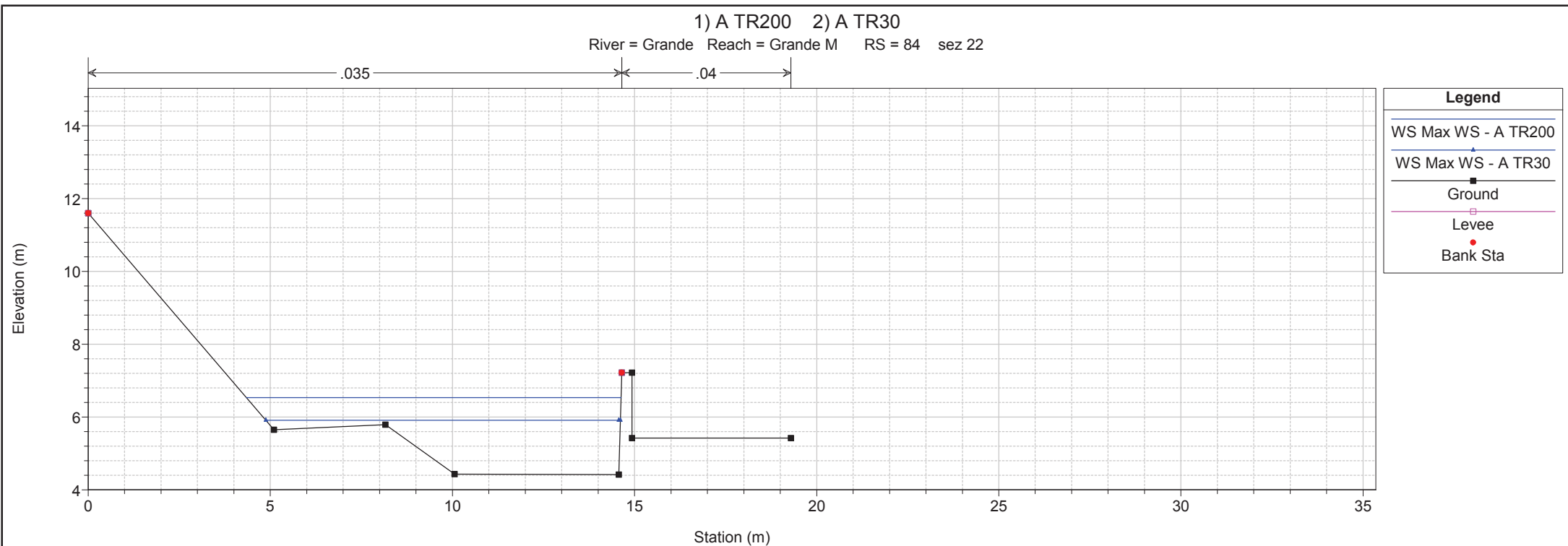
River = Grande Reach = Grande M RS = 85.5 BR



1 cm Horiz. = 1.5 m 1 cm Vert. = 1.5 m

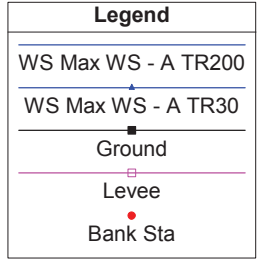
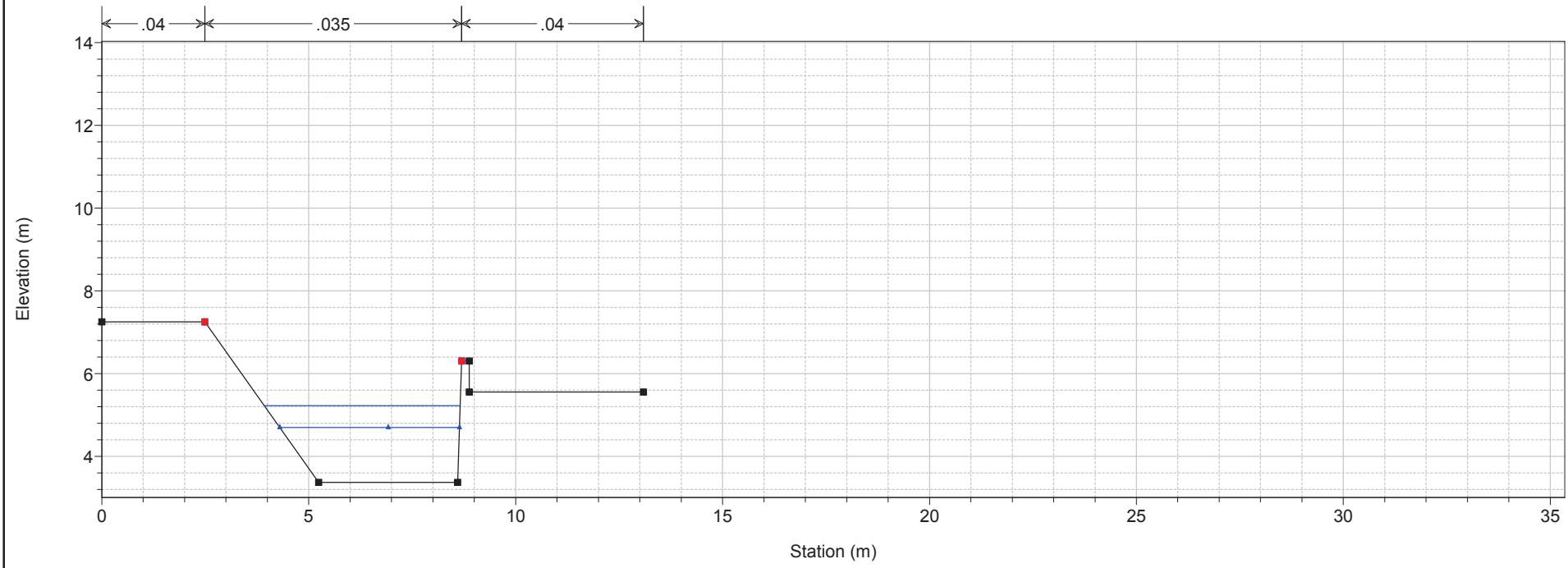


1 cm Horiz. = 1.5 m 1 cm Vert. = 1.5 m

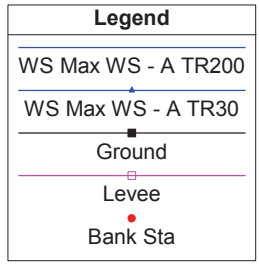
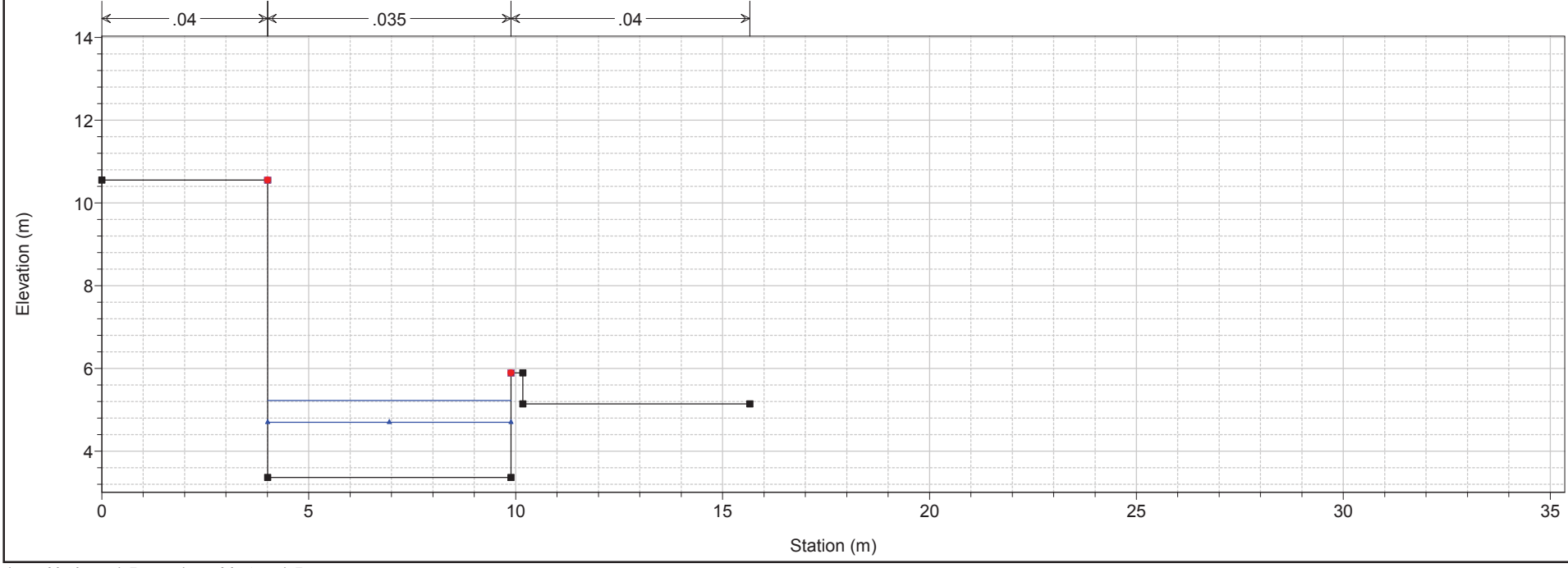


1 cm Horiz. = 1.5 m 1 cm Vert. = 1.5 m

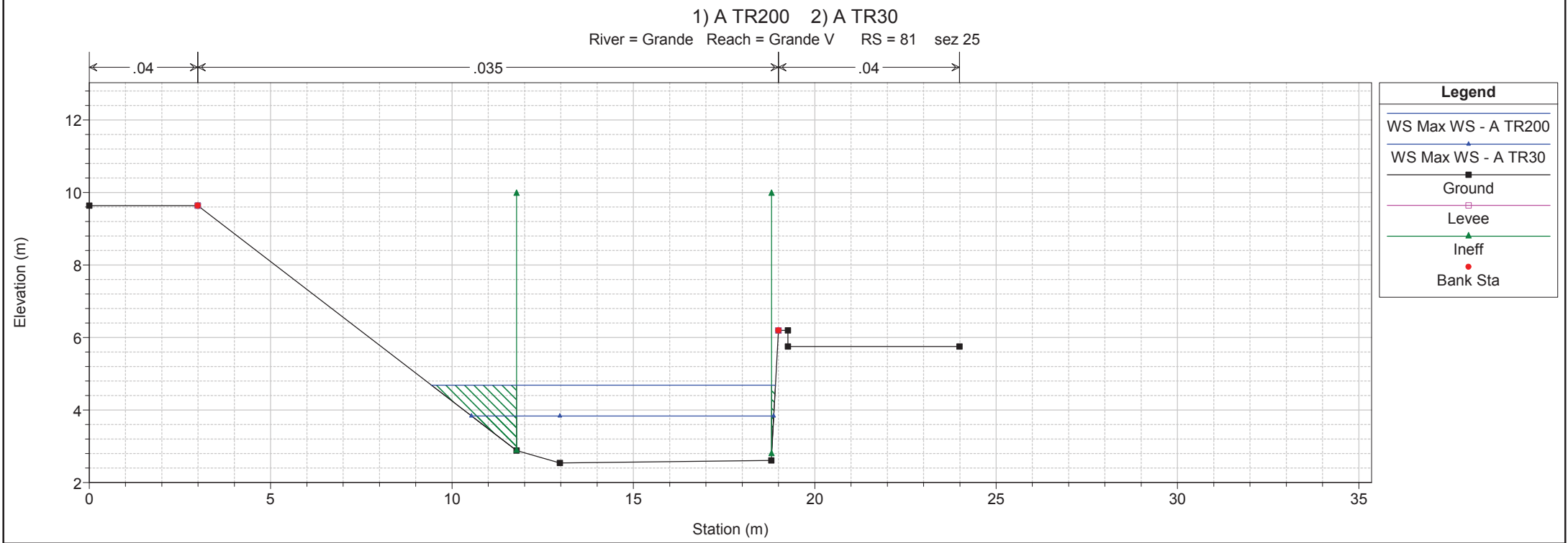
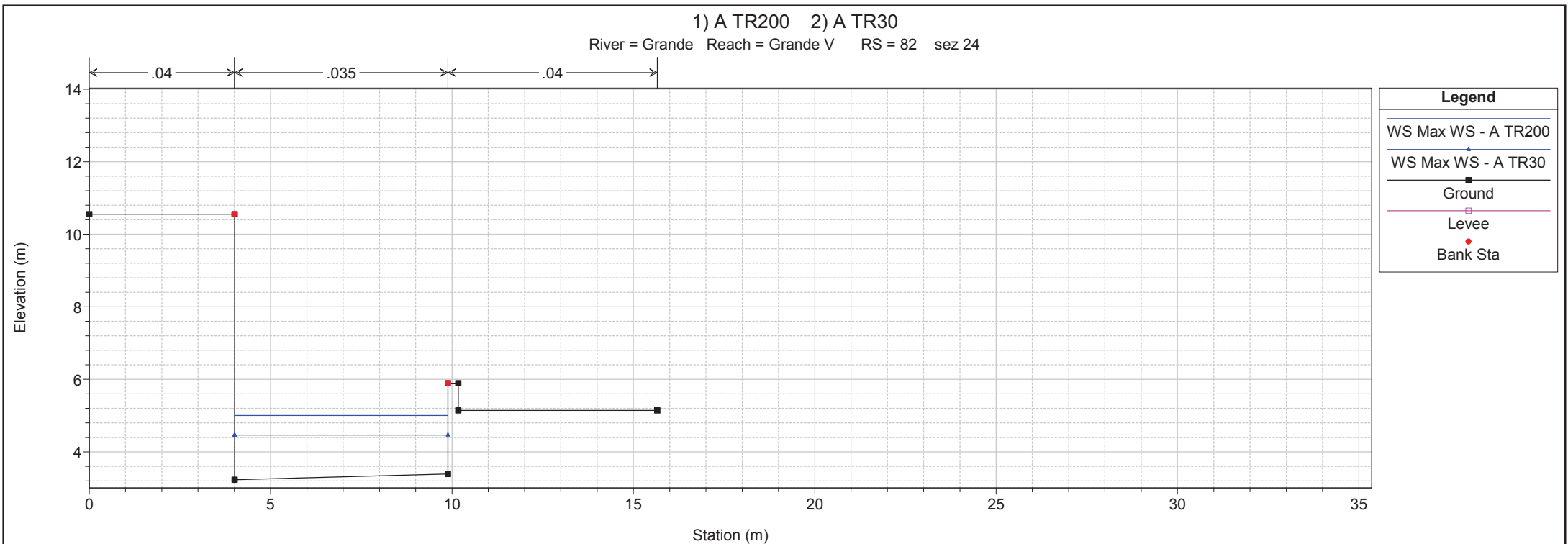
1) A TR200 2) A TR30
 River = Grande Reach = Grande M RS = 82.9 sez 23



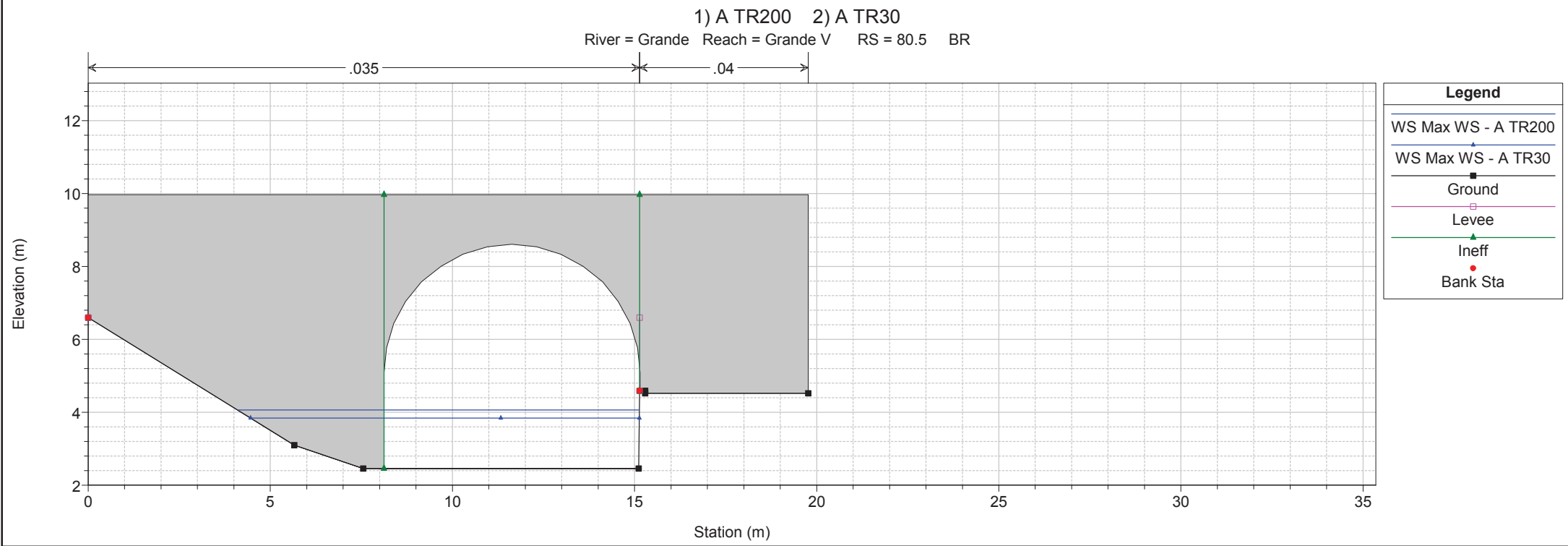
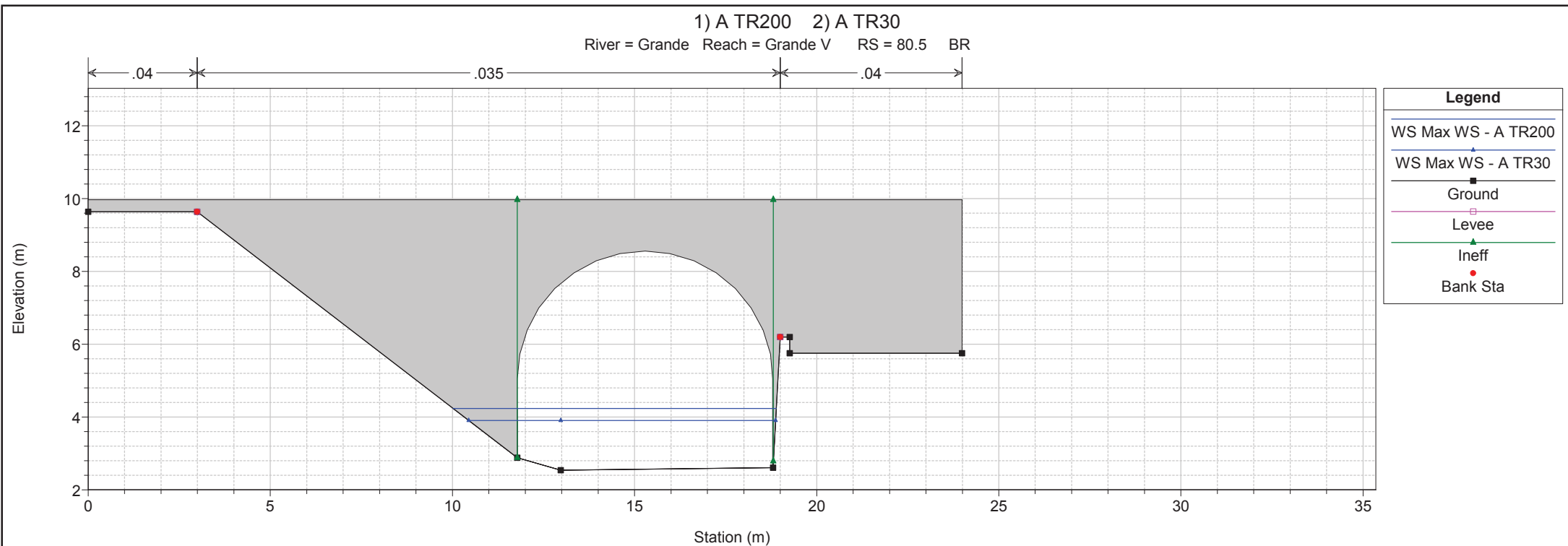
1) A TR200 2) A TR30
 River = Grande Reach = Grande V RS = 82.1 sez 24



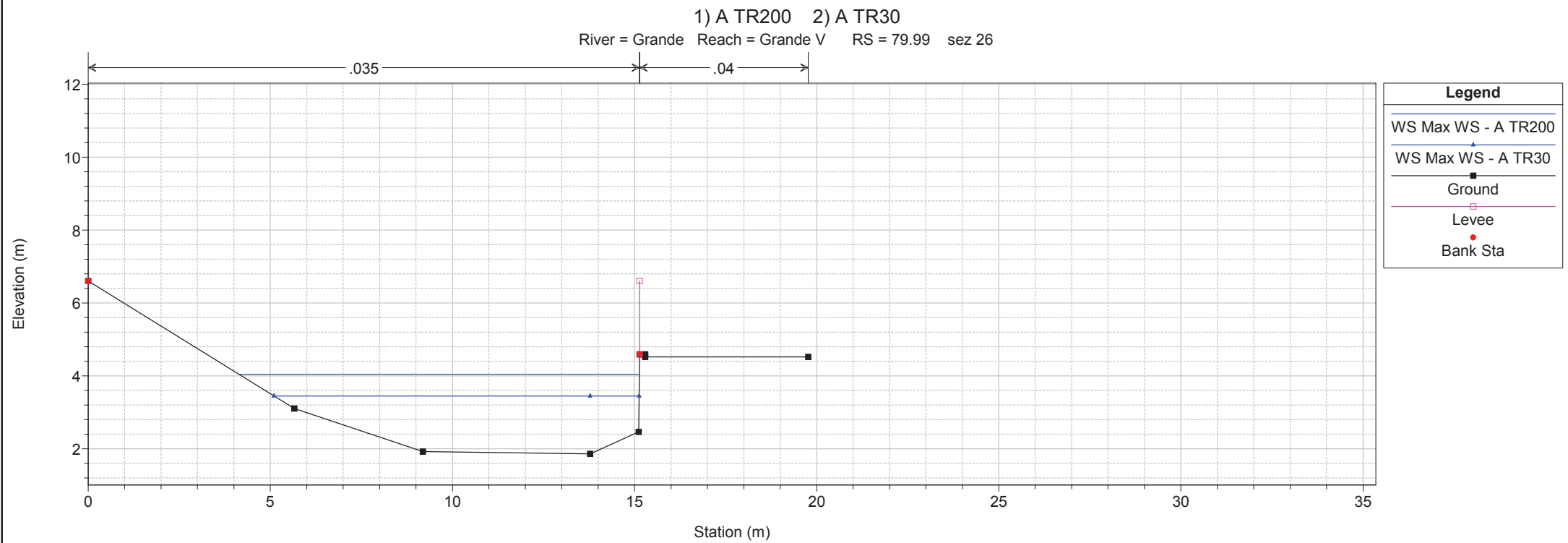
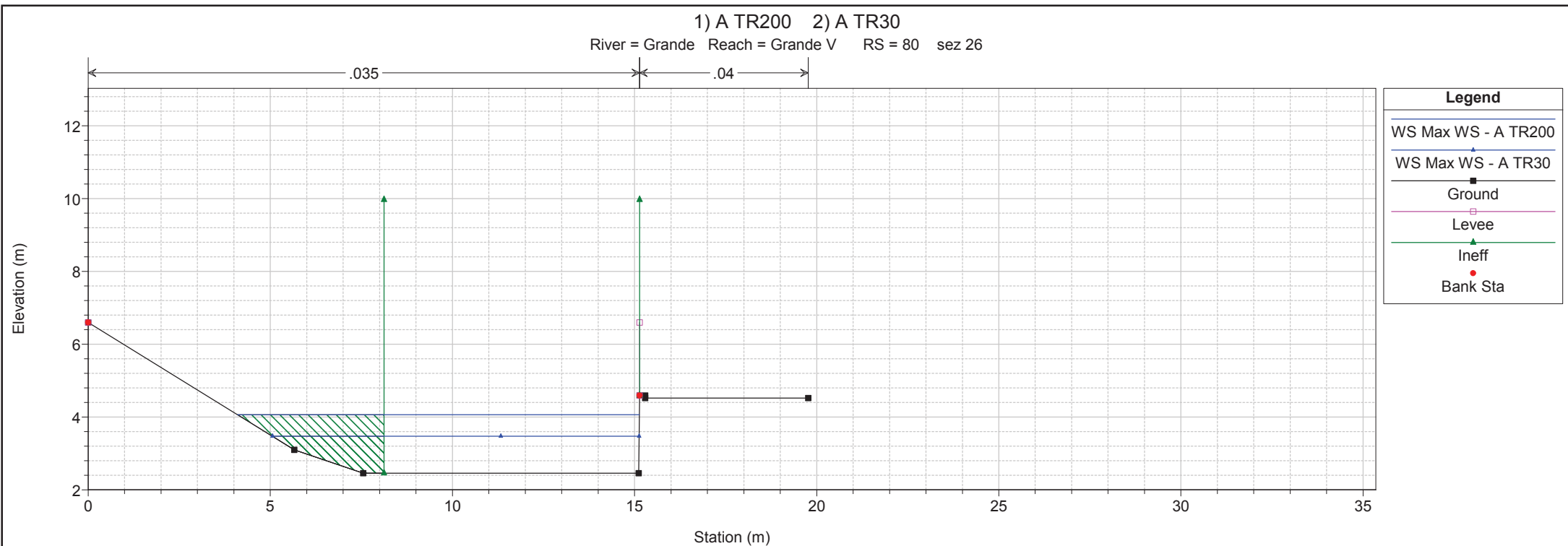
1 cm Horiz. = 1.5 m 1 cm Vert. = 1.5 m

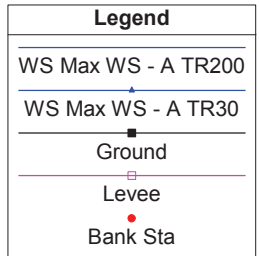
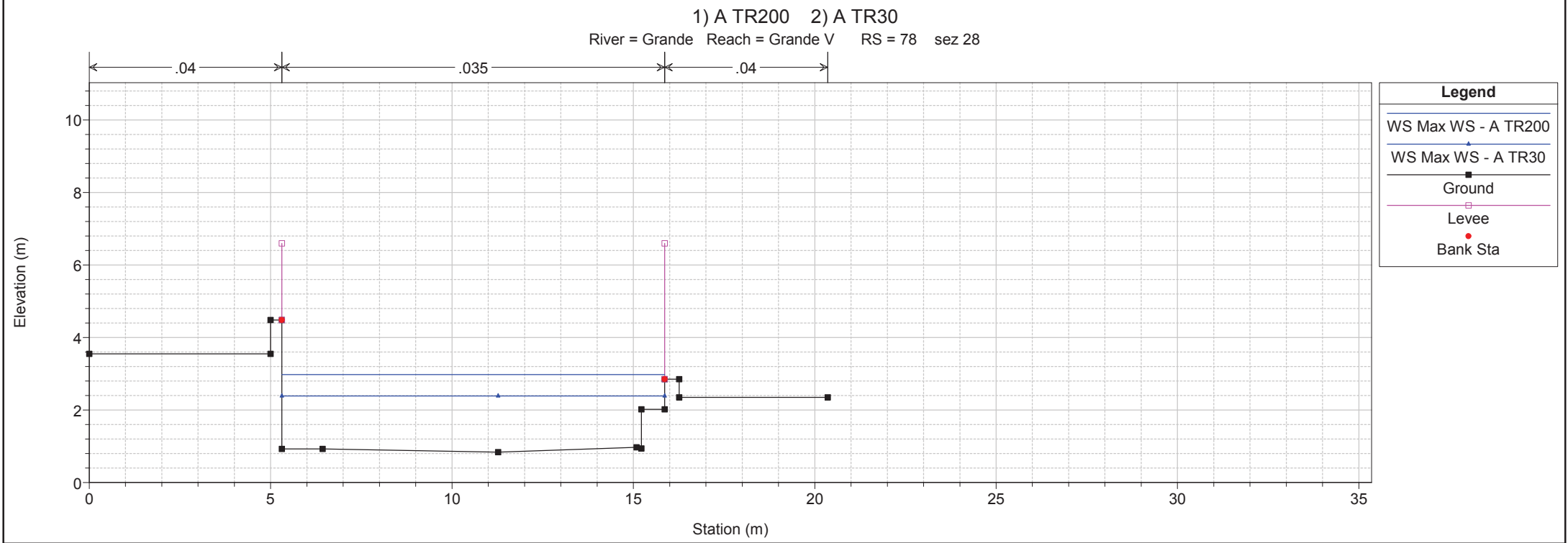
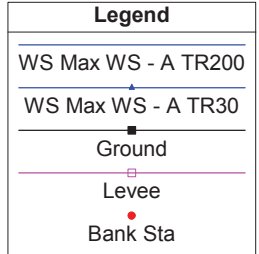
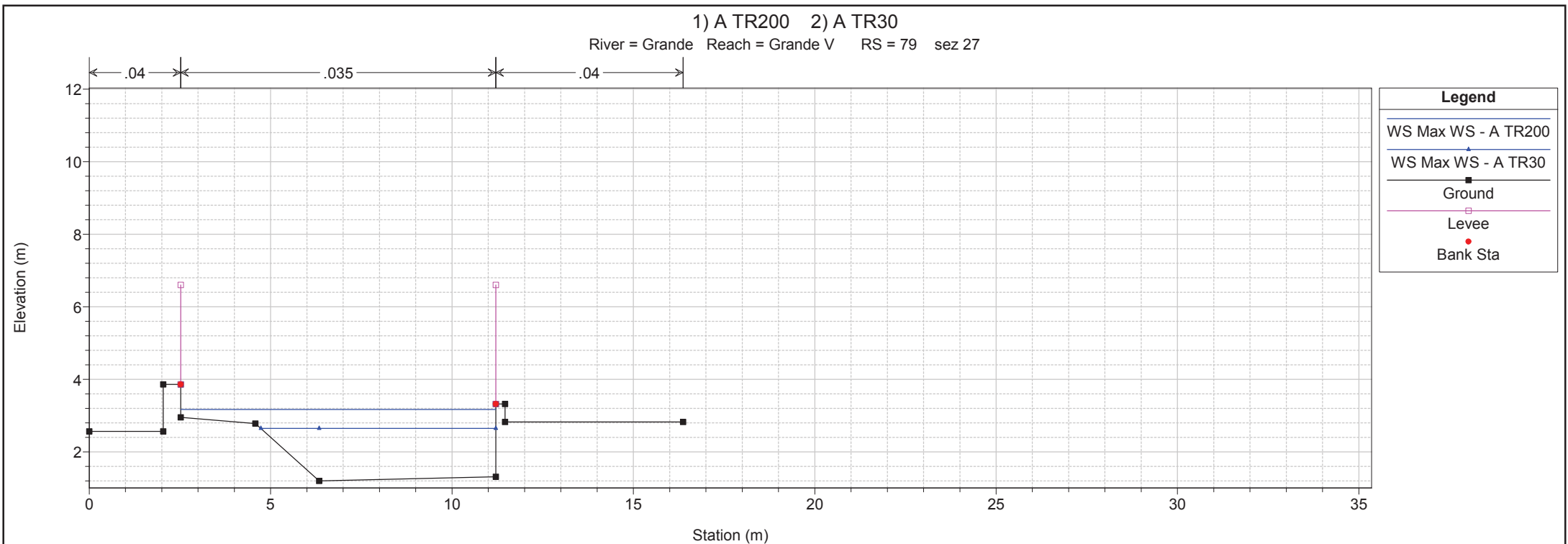


1 cm Horiz. = 1.5 m 1 cm Vert. = 1.5 m

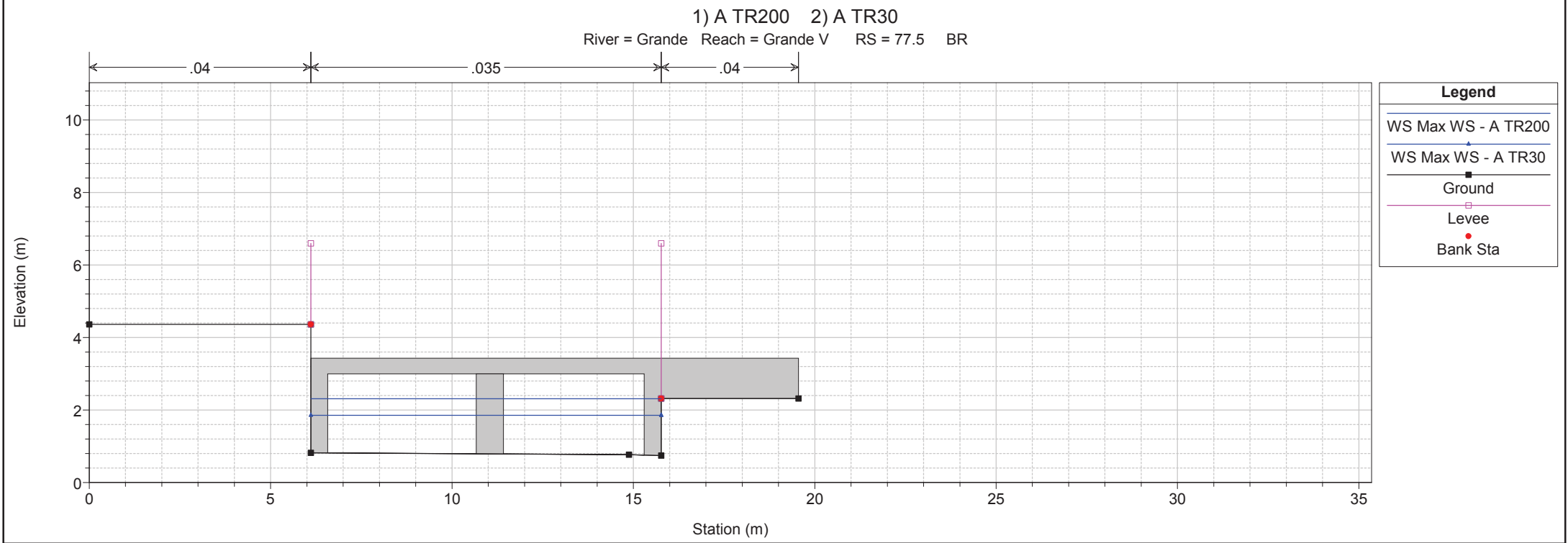
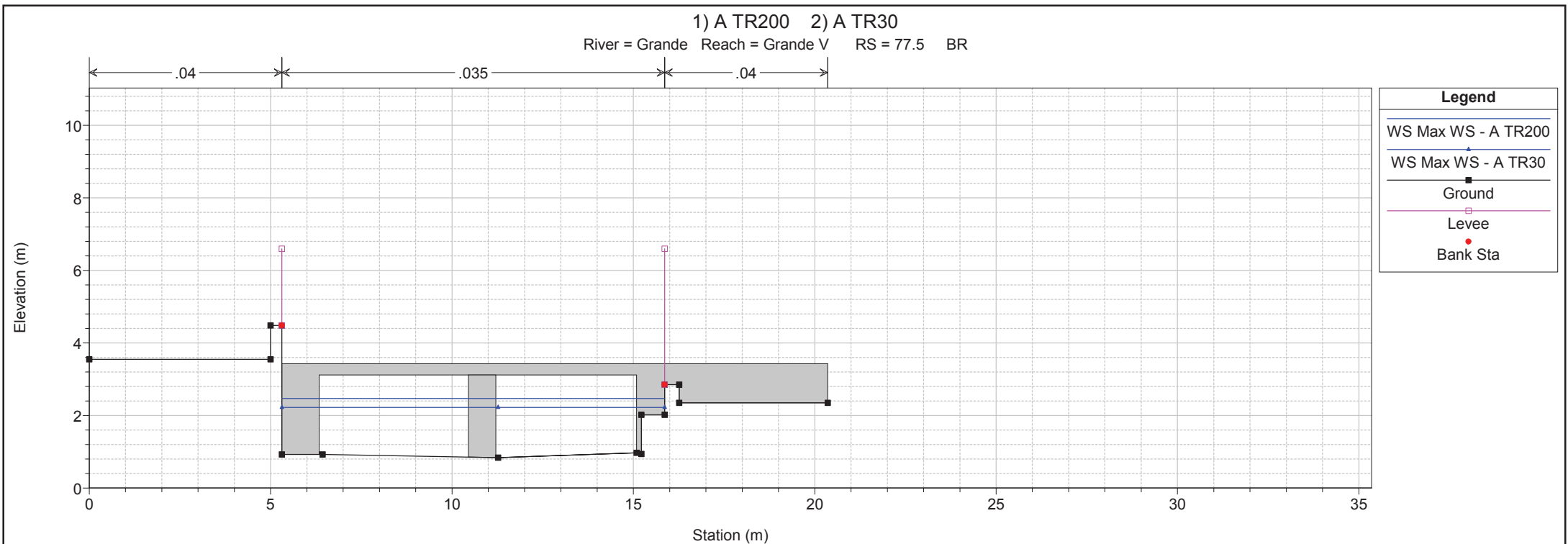


1 cm Horiz. = 1.5 m 1 cm Vert. = 1.5 m

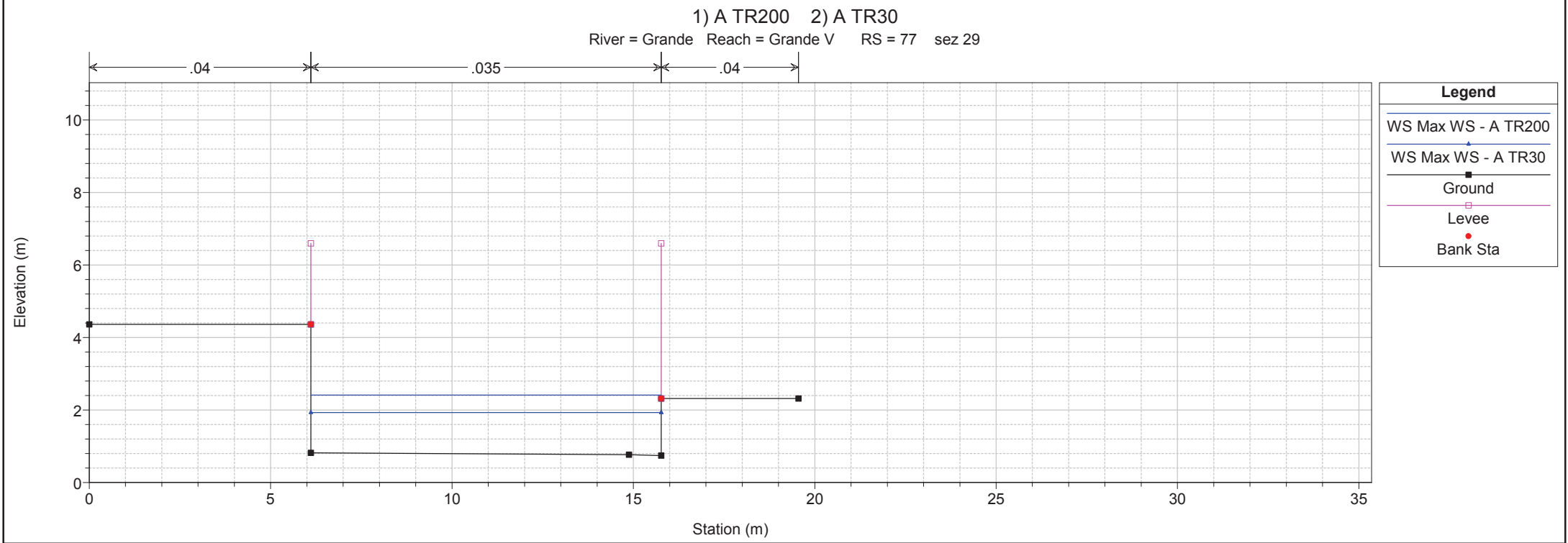
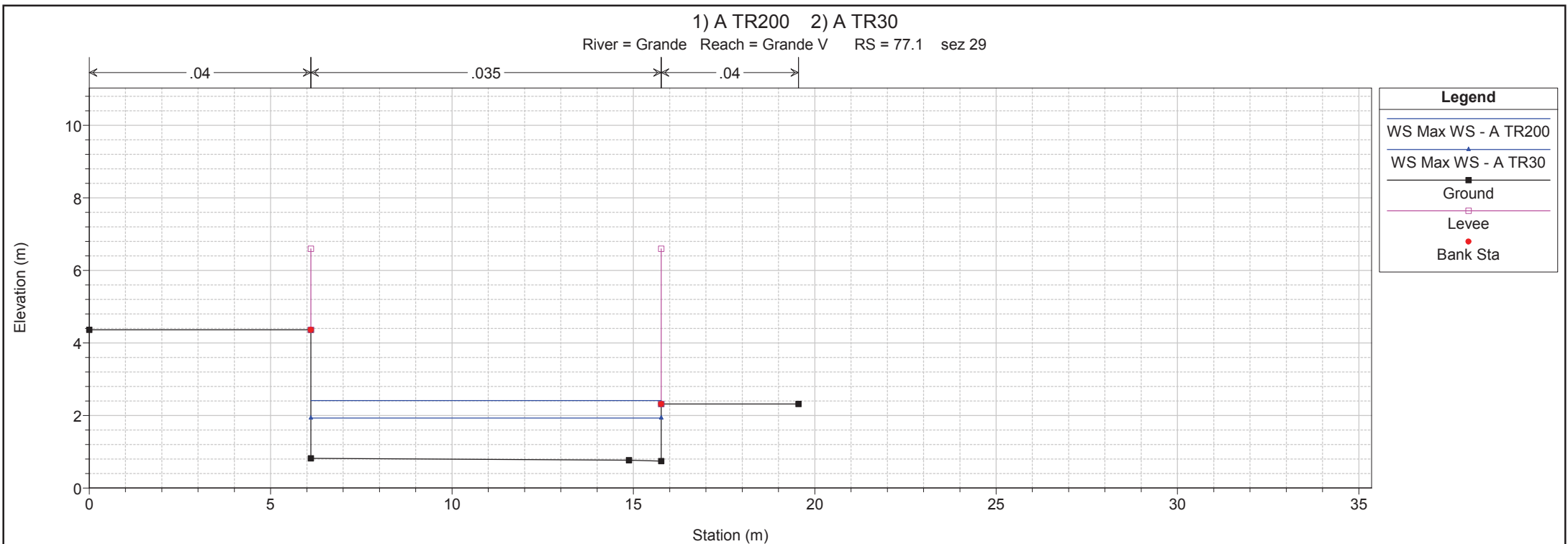




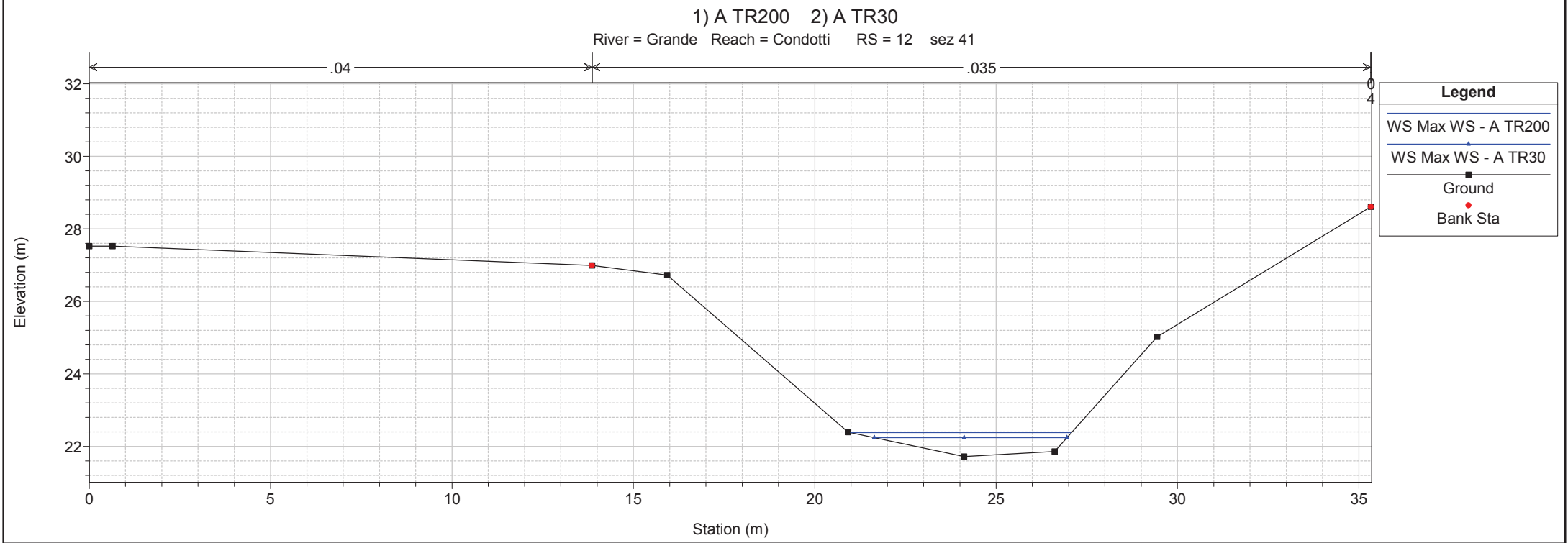
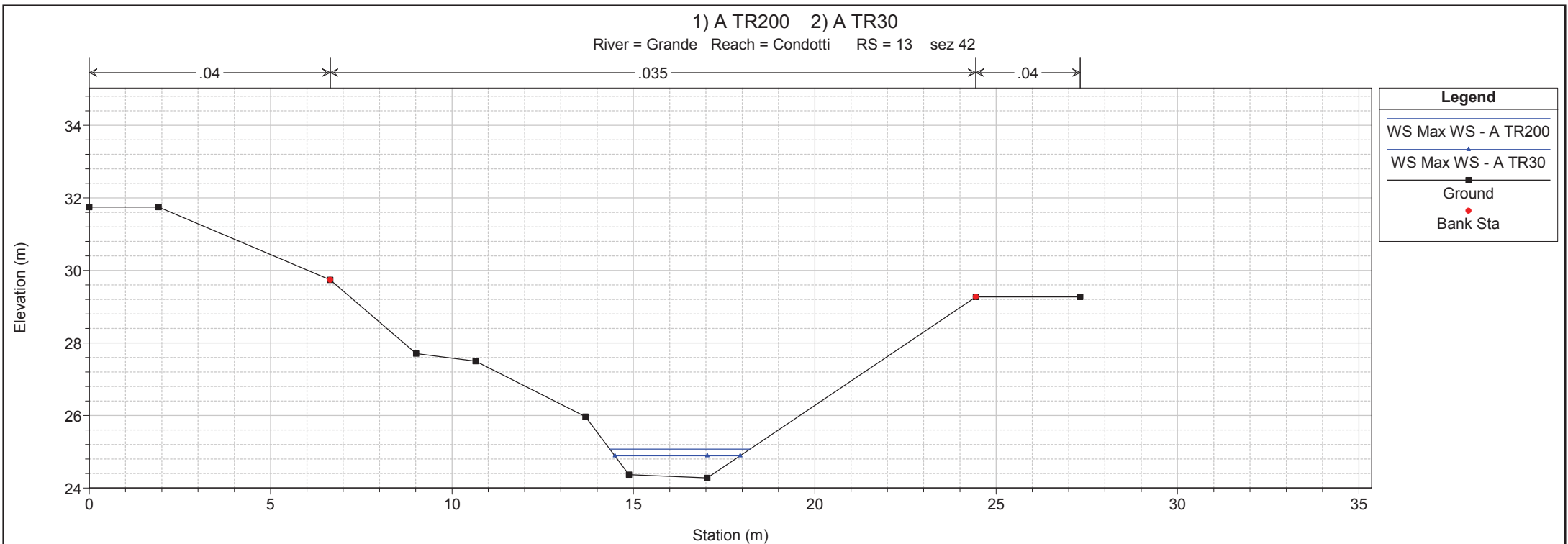
1 cm Horiz. = 1.5 m 1 cm Vert. = 1.5 m



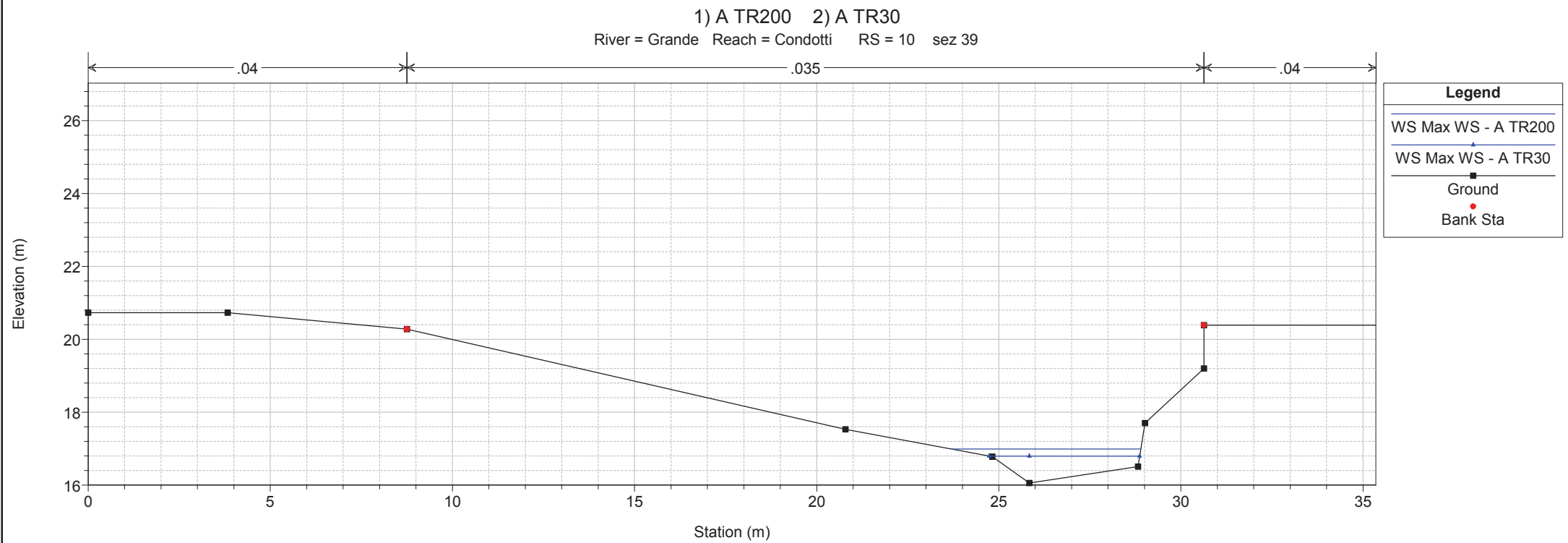
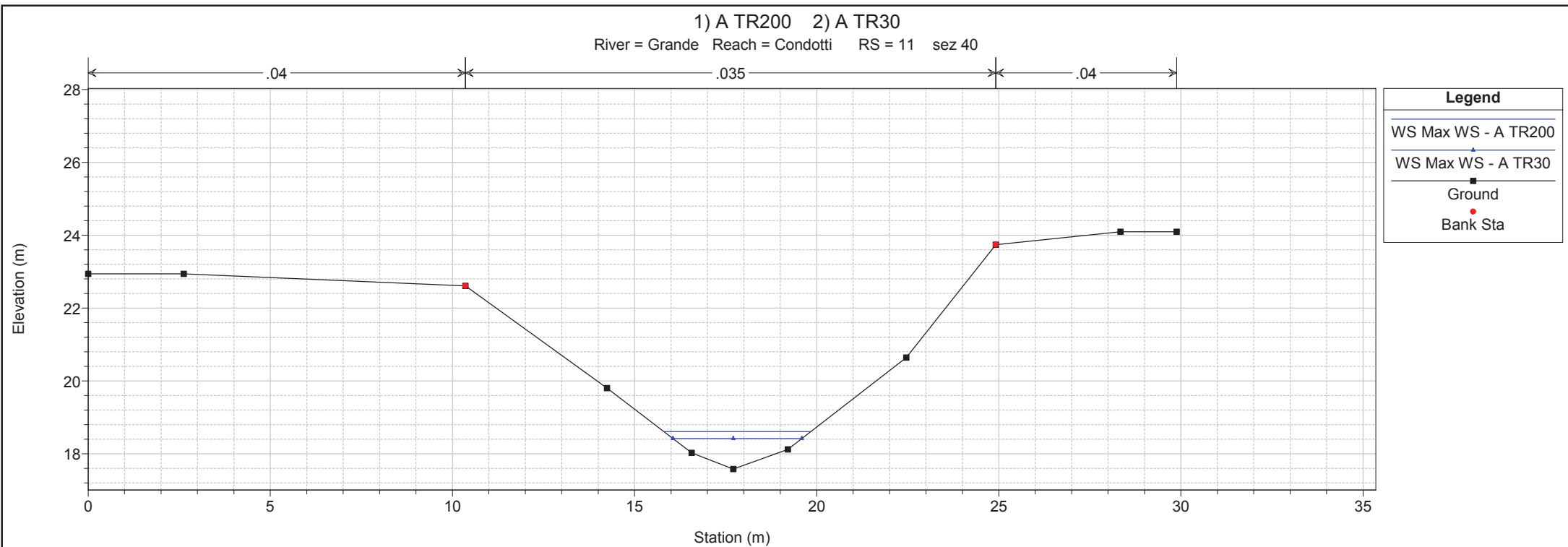
1 cm Horiz. = 1.5 m 1 cm Vert. = 1.5 m

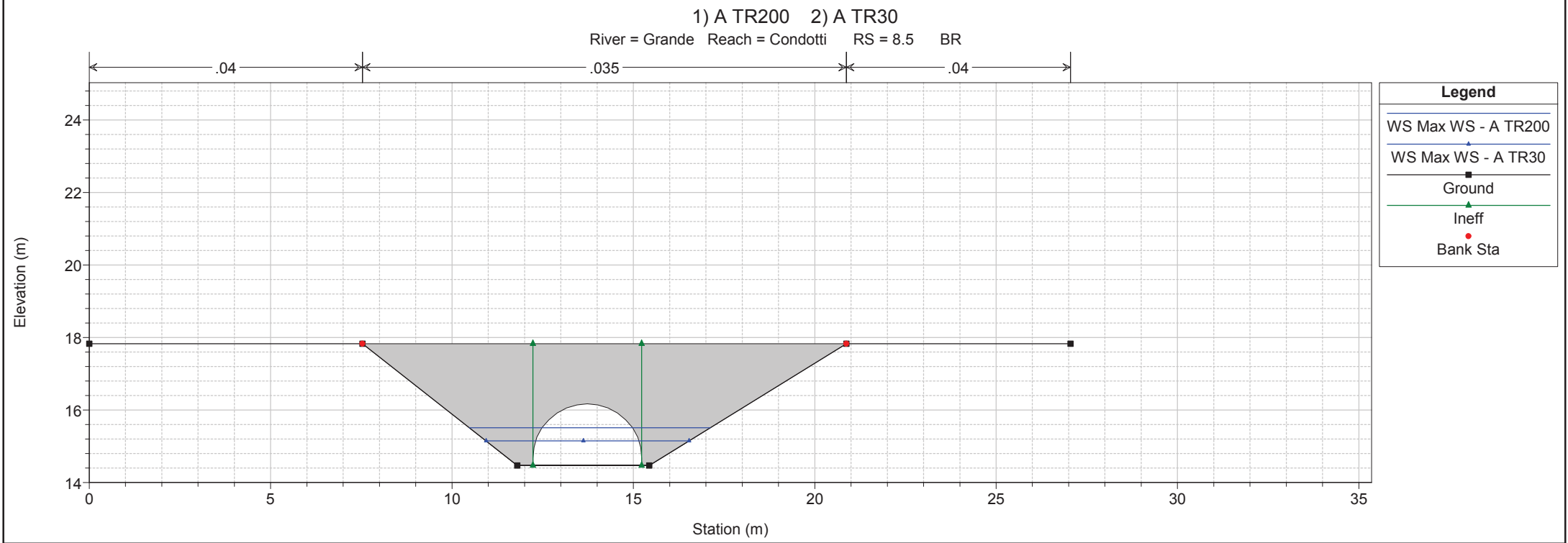
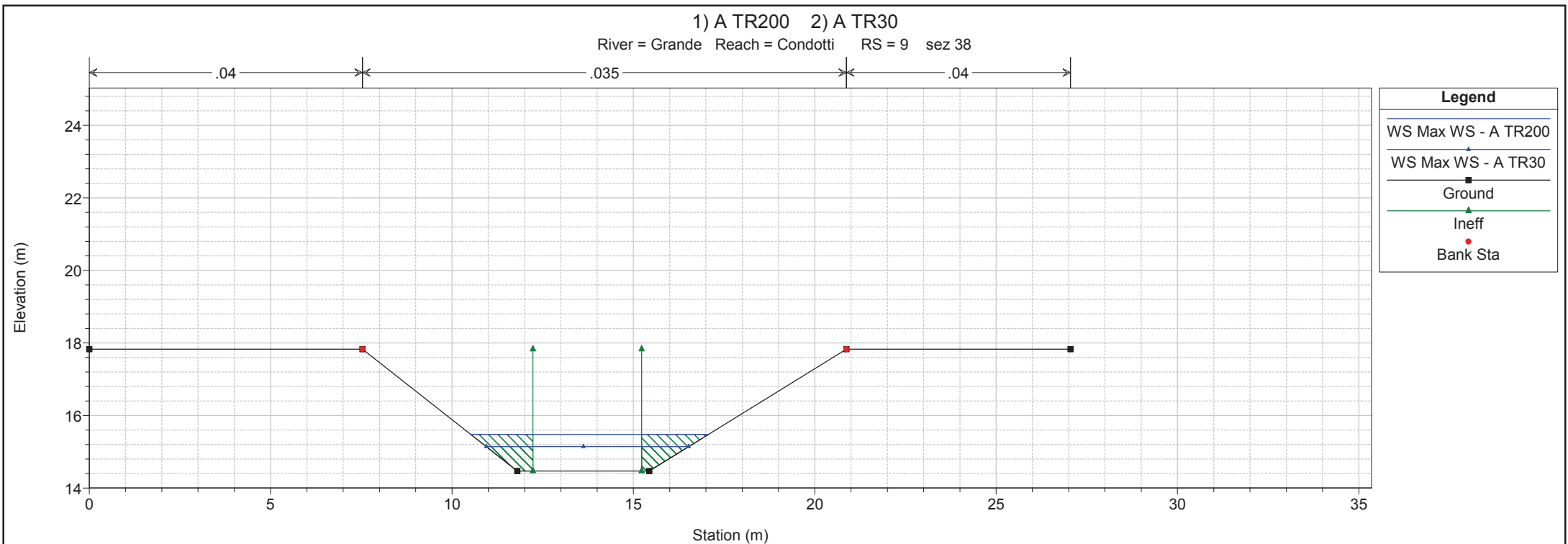


1 cm Horiz. = 1.5 m 1 cm Vert. = 1.5 m

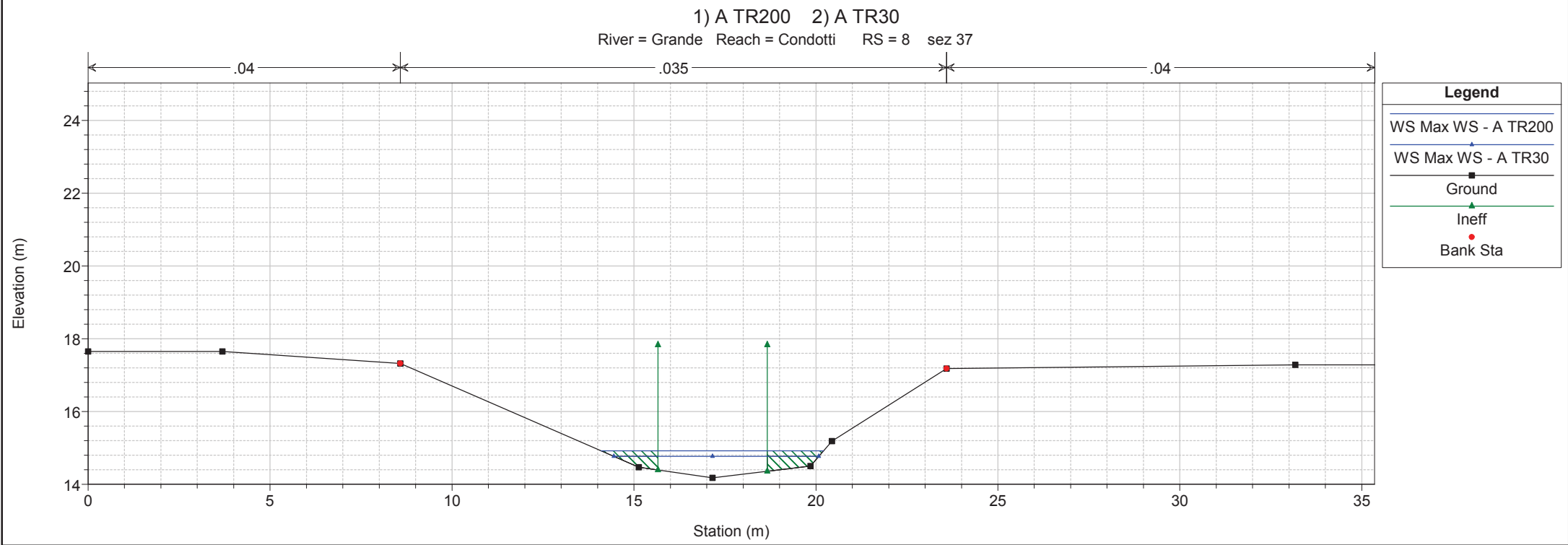
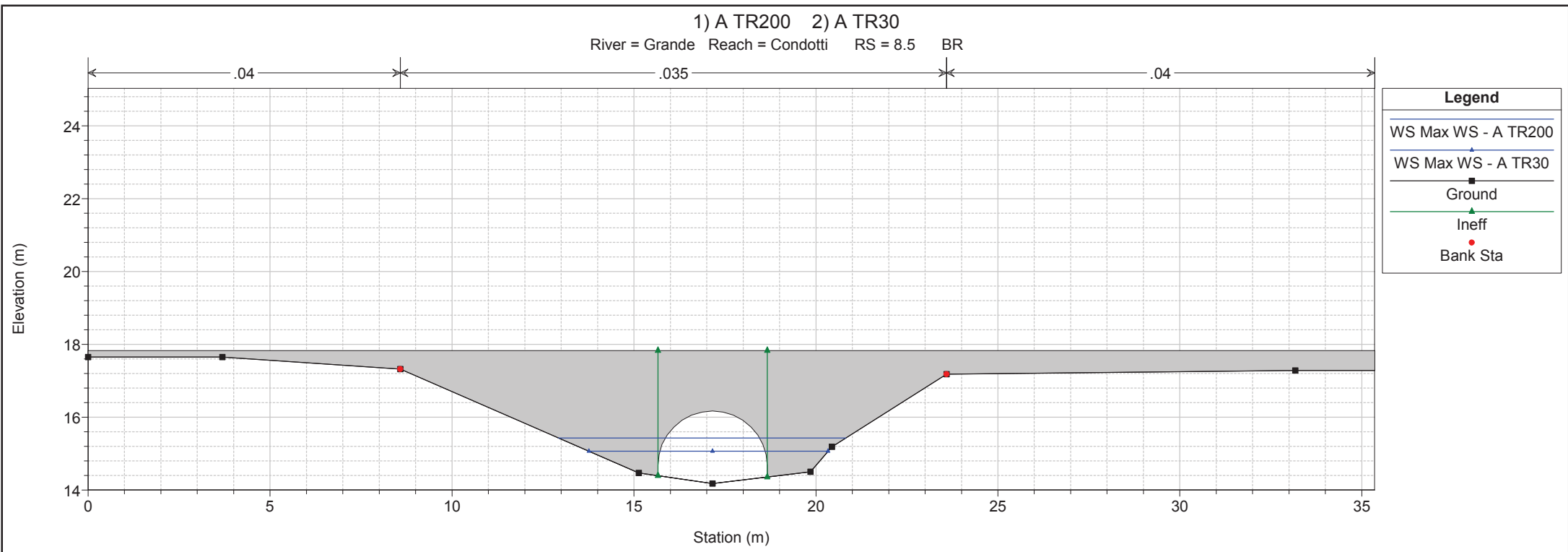


1 cm Horiz. = 1.5 m 1 cm Vert. = 1.5 m

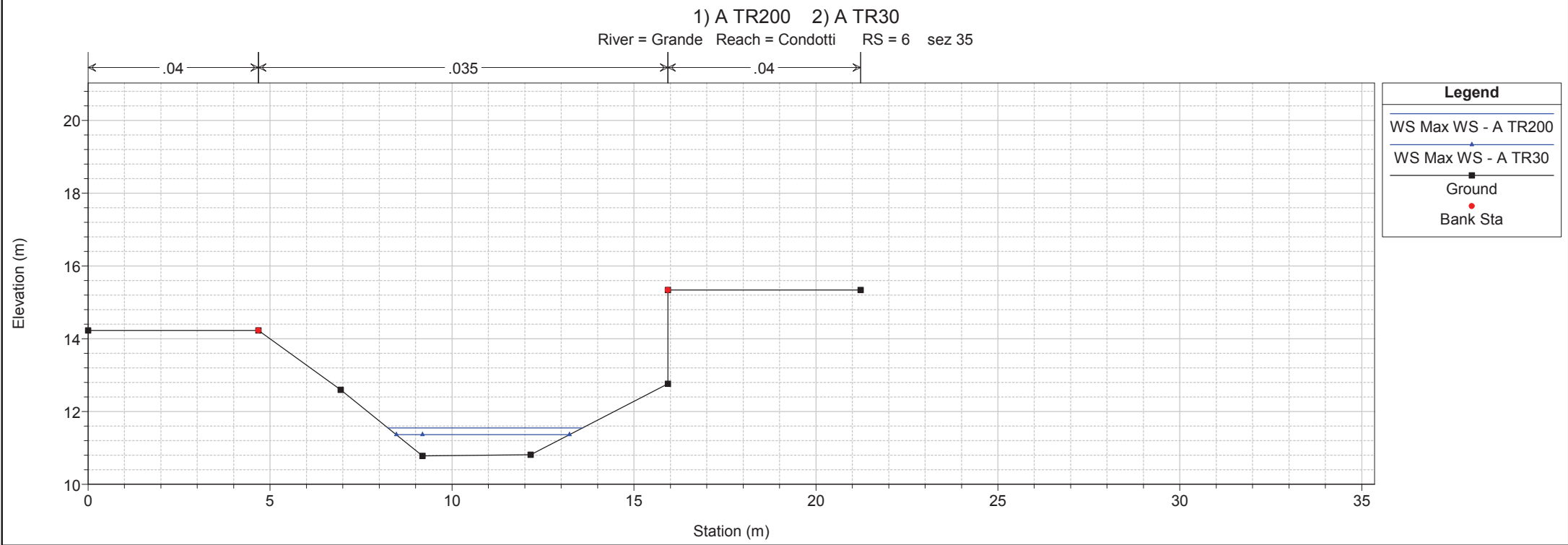
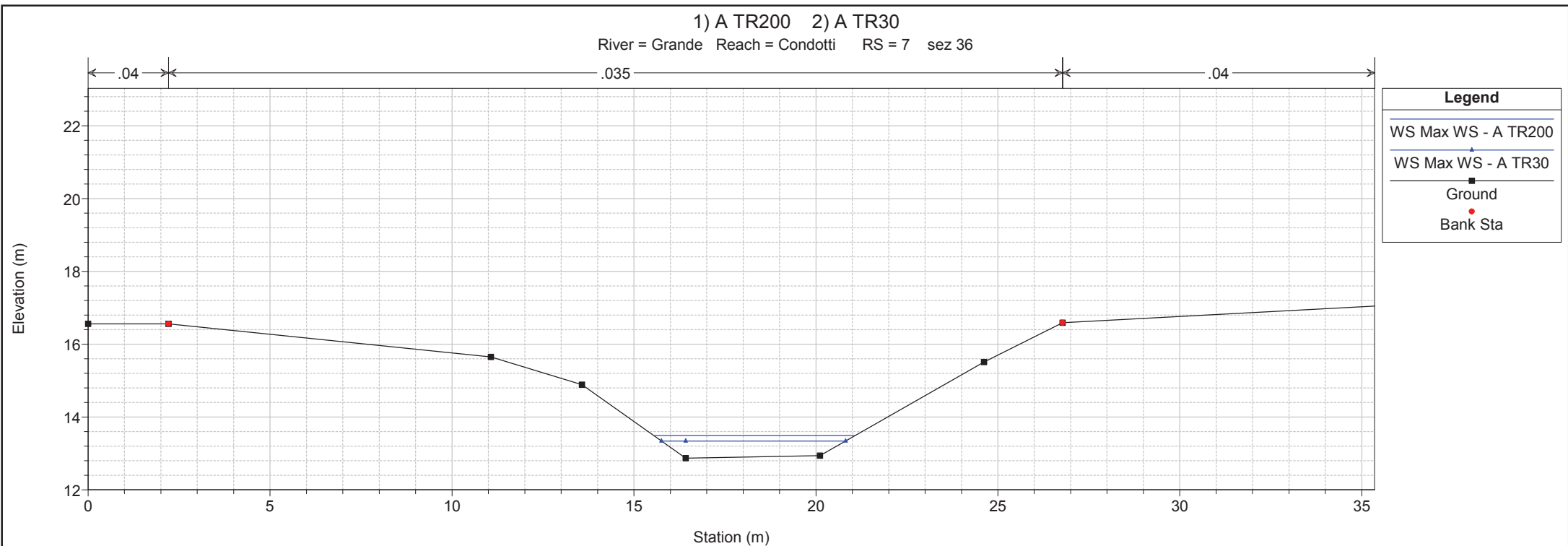




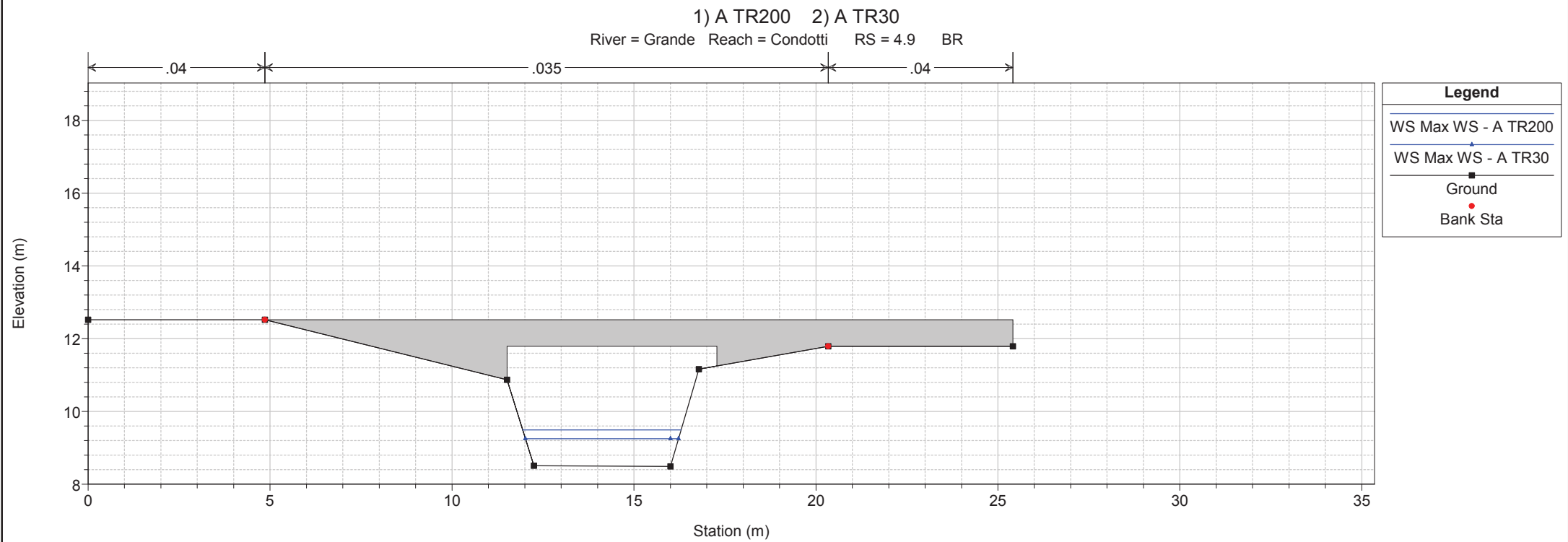
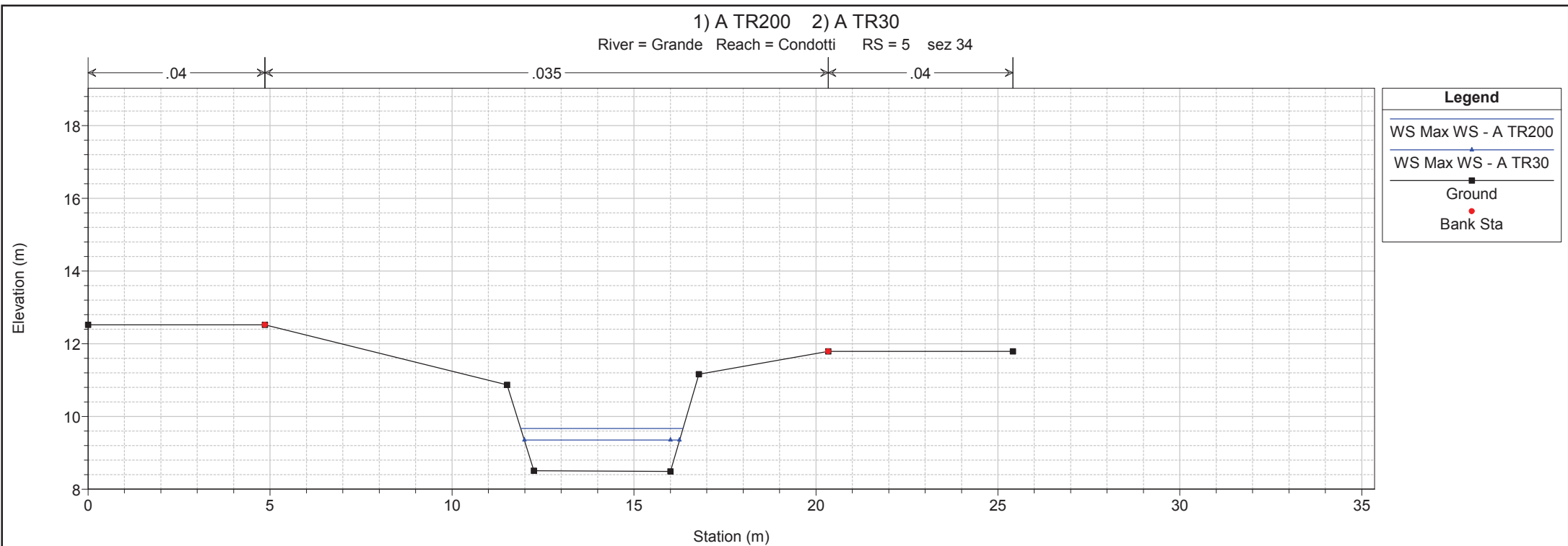
1 cm Horiz. = 1.5 m 1 cm Vert. = 1.5 m



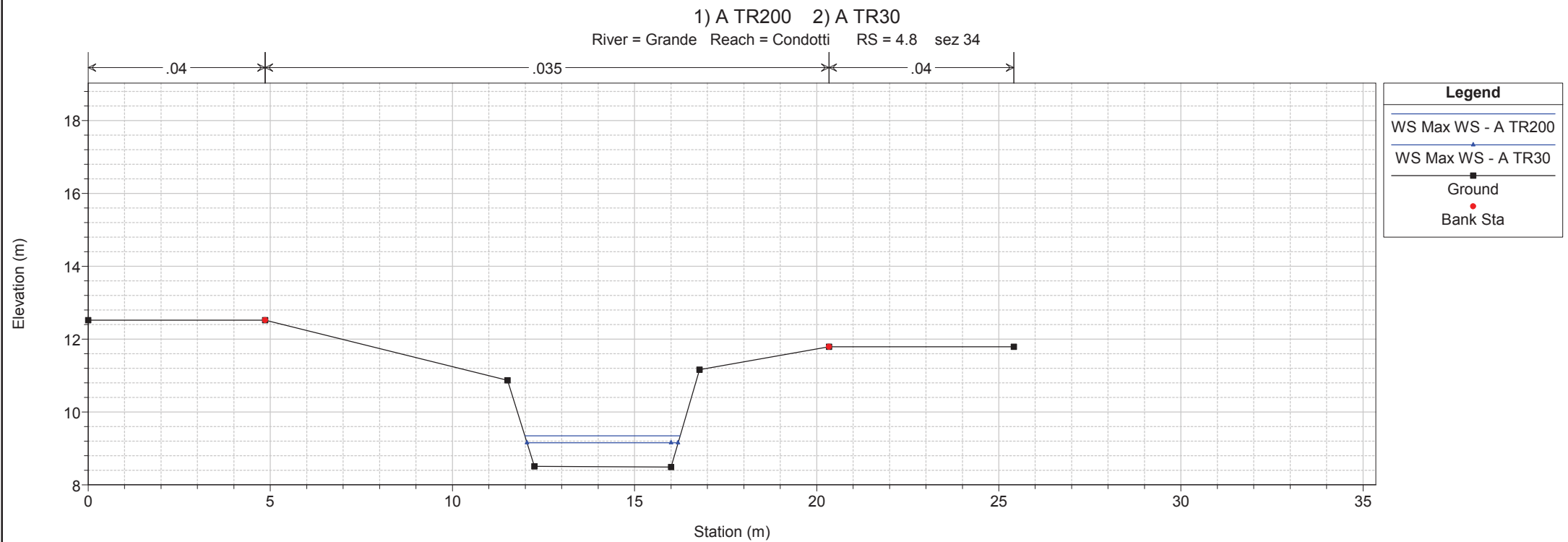
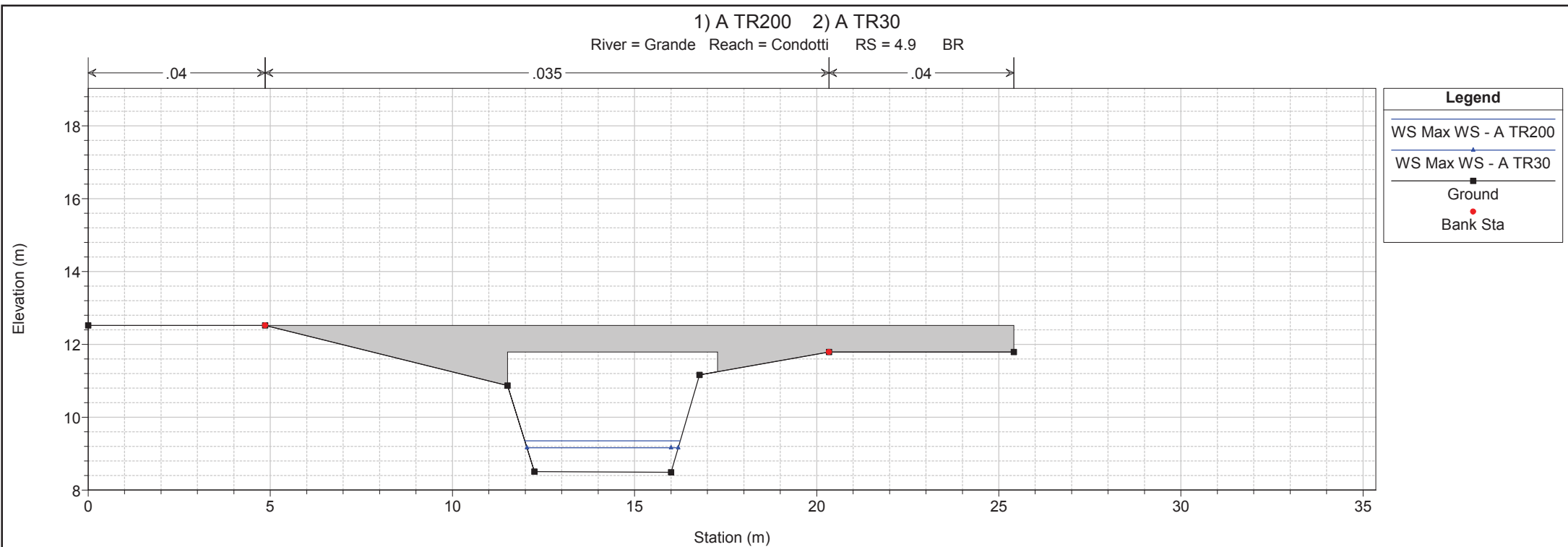
1 cm Horiz. = 1.5 m 1 cm Vert. = 1.5 m



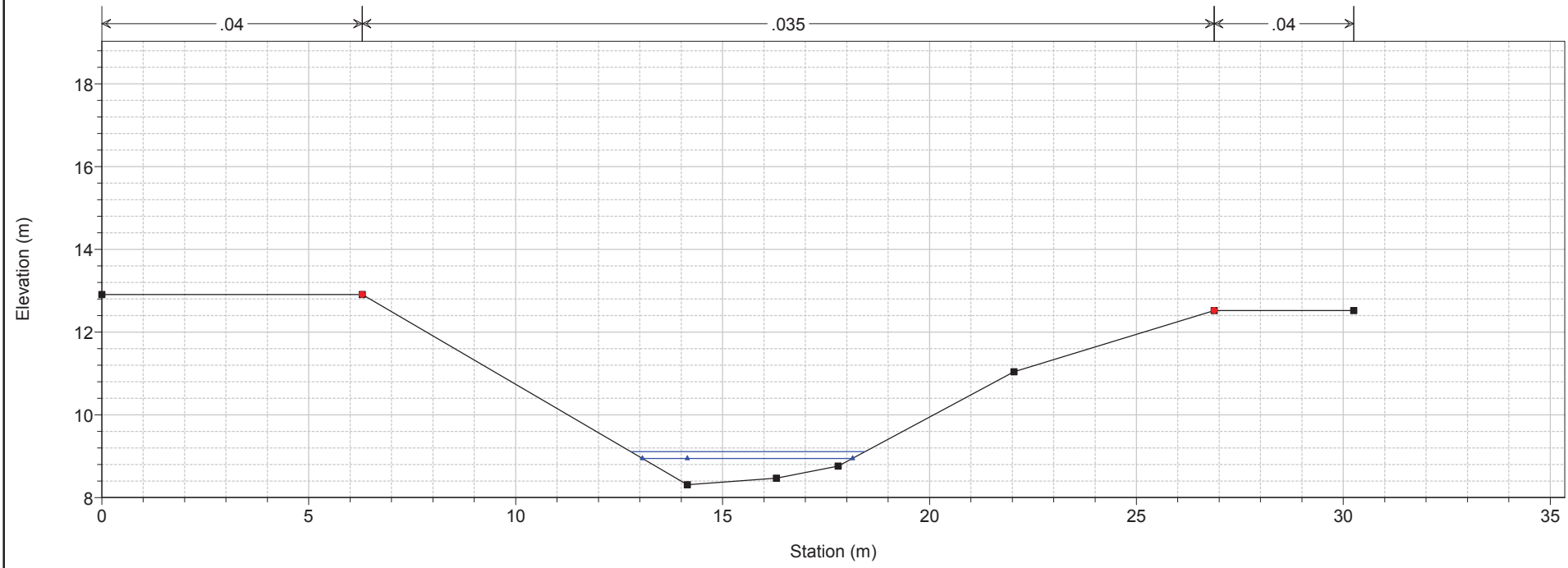
1 cm Horiz. = 1.5 m 1 cm Vert. = 1.5 m



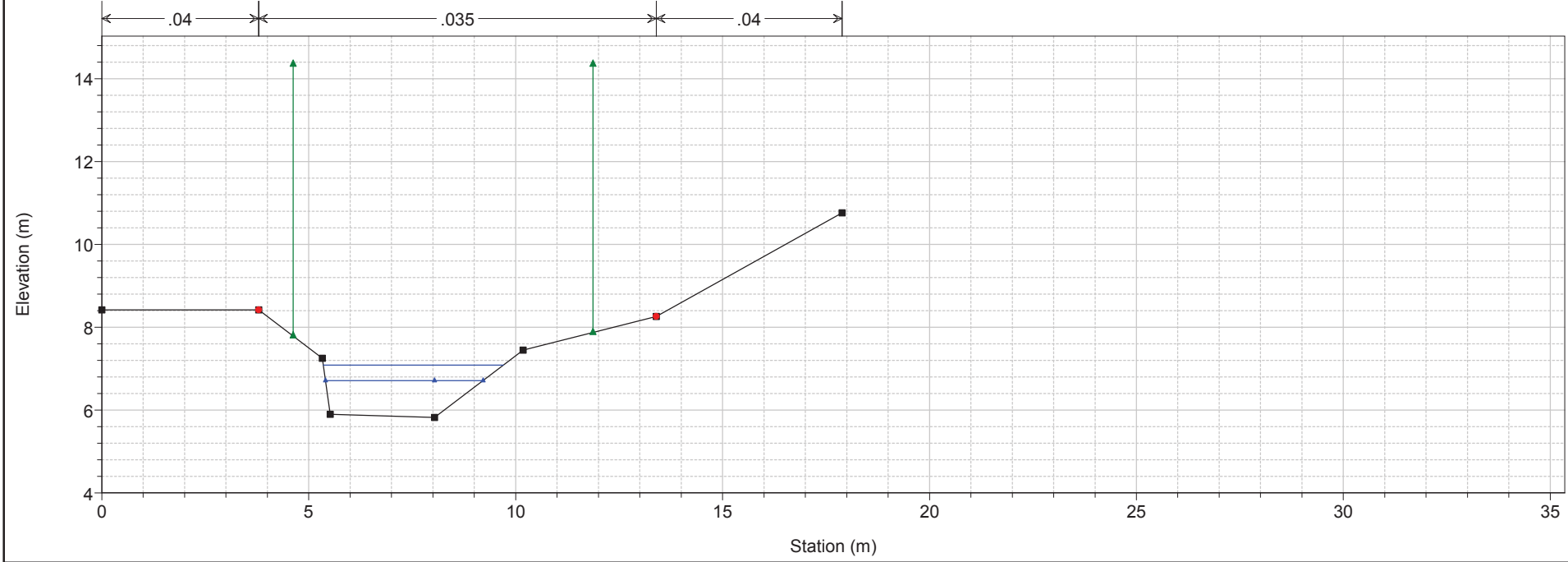
1 cm Horiz. = 1.5 m 1 cm Vert. = 1.5 m



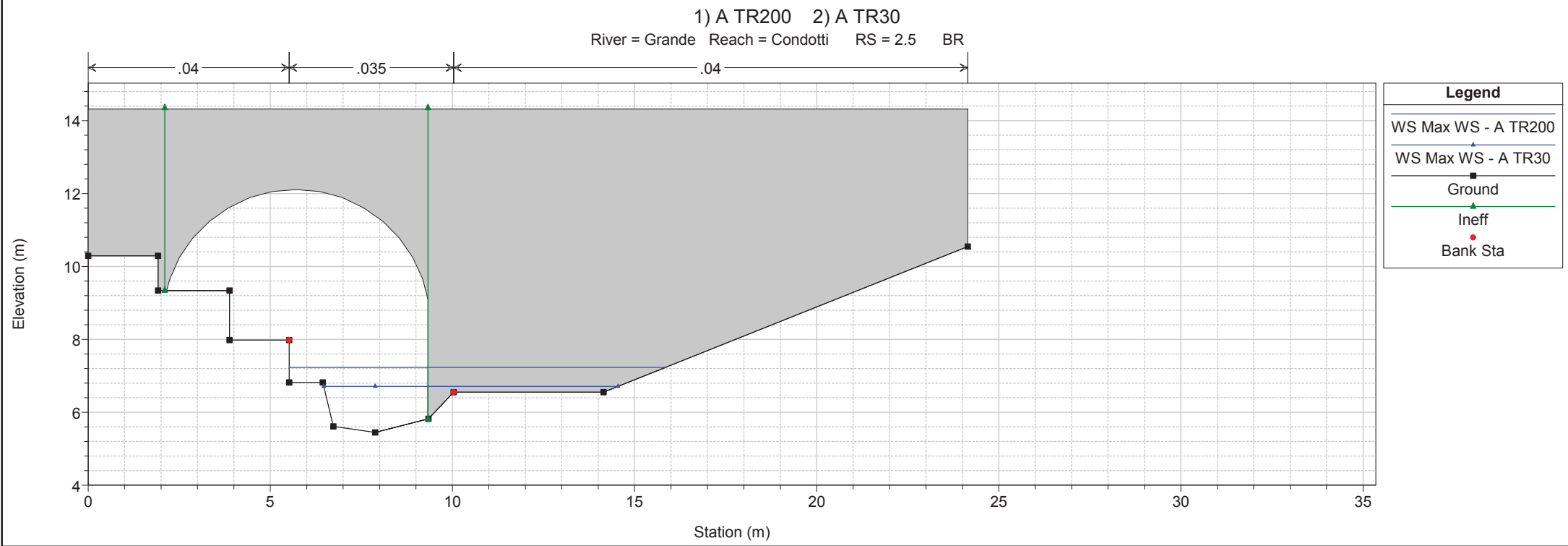
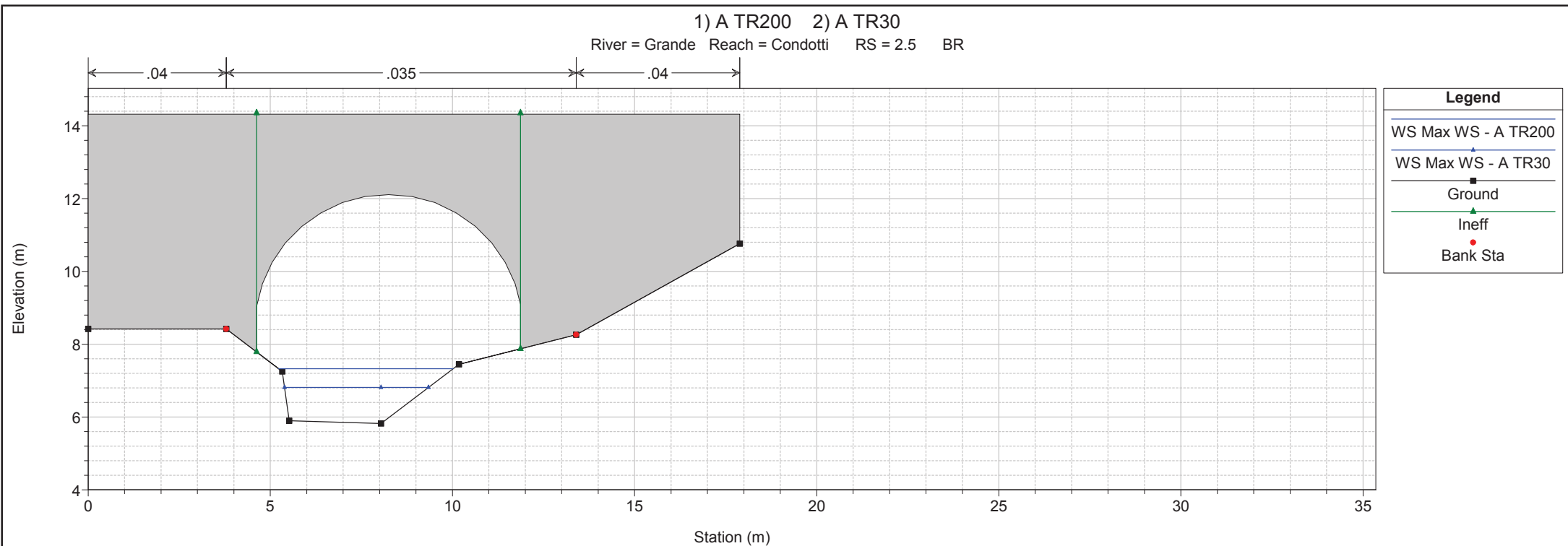
1) A TR200 2) A TR30
 River = Grande Reach = Condotti RS = 4 sez 33



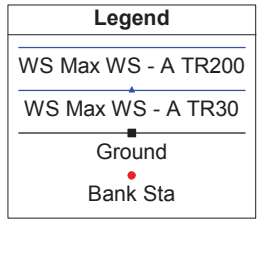
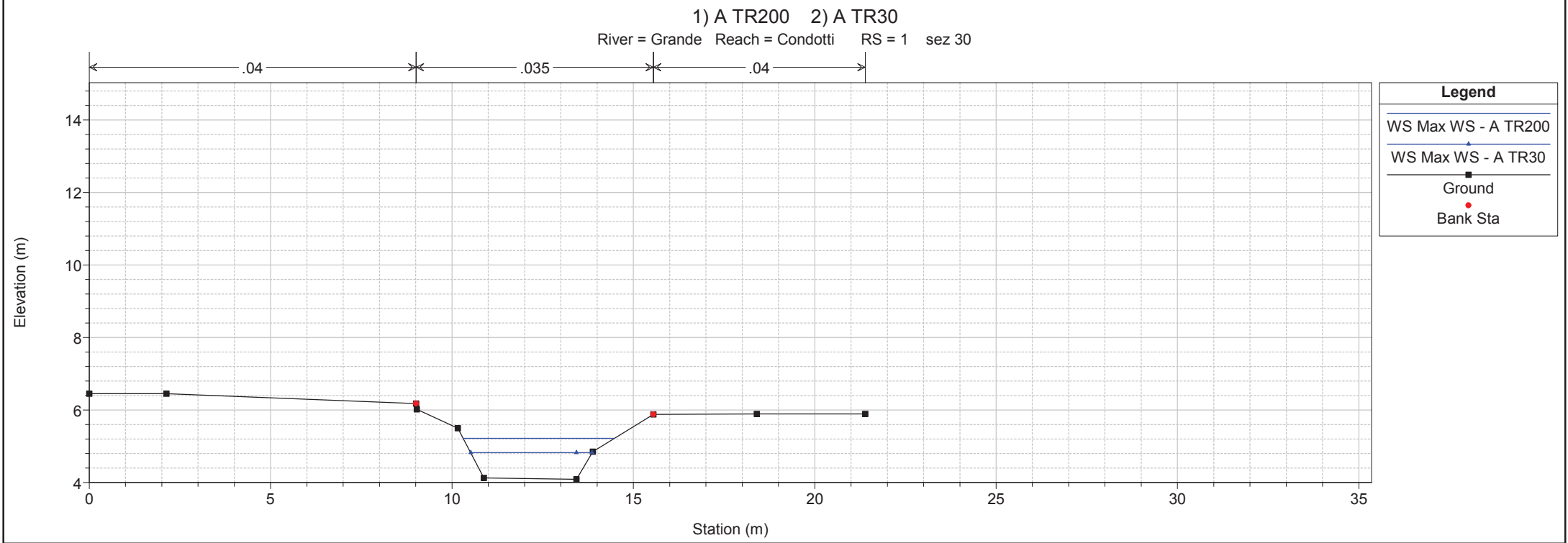
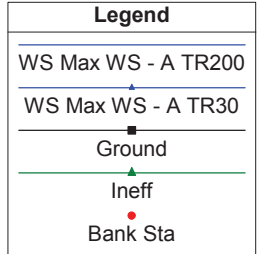
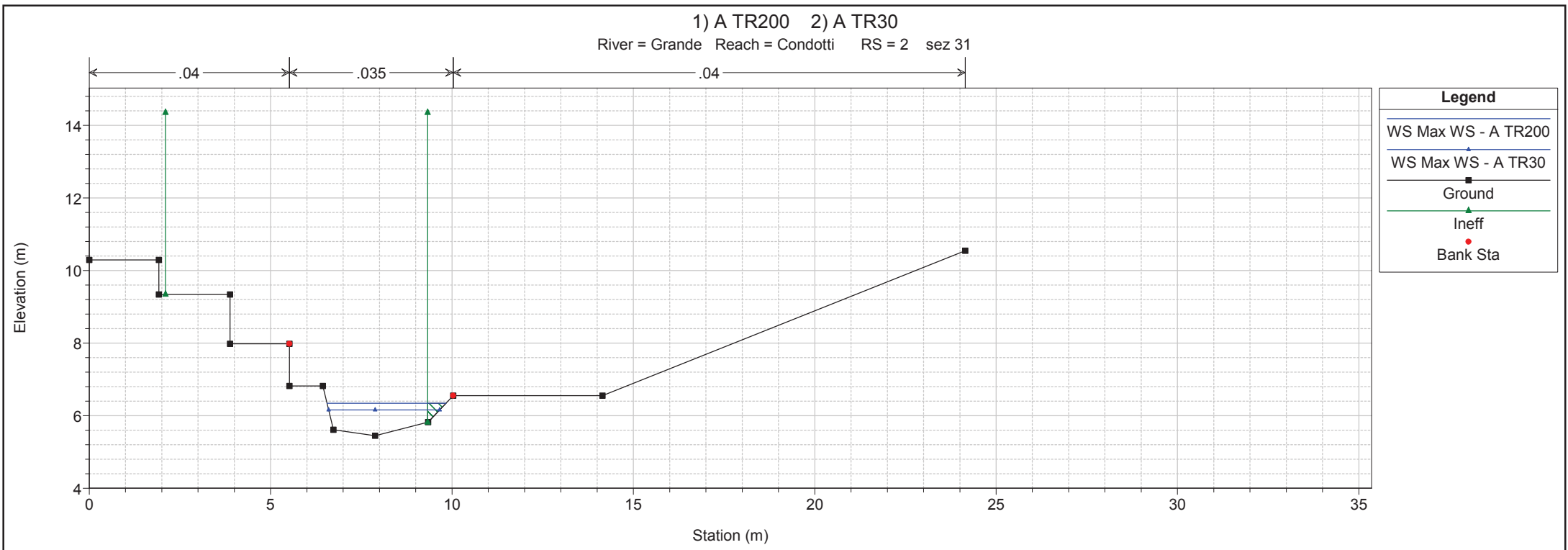
1) A TR200 2) A TR30
 River = Grande Reach = Condotti RS = 3 sez 32



1 cm Horiz. = 1.5 m 1 cm Vert. = 1.5 m



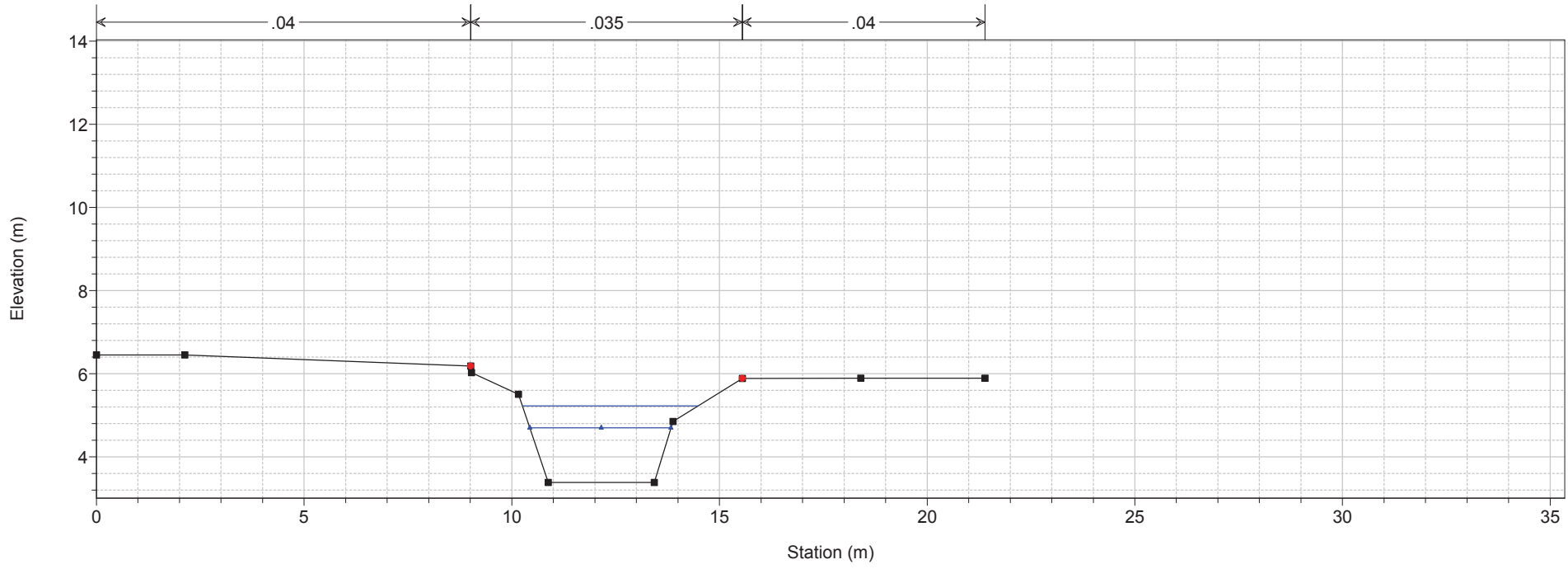
1 cm Horiz. = 1.5 m 1 cm Vert. = 1.5 m



1 cm Horiz. = 1.5 m 1 cm Vert. = 1.5 m

1) A TR200 2) A TR30

River = Grande Reach = Condotti RS = 0.9



Legend

- WS Max WS - A TR200
- WS Max WS - A TR30
- Ground
- Bank Sta

Reach	River Sta	Plan	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
Condotti	13	A TR200	7.09	24.28	25.07	25.20	25.57	0.029928	3.14	2.26	3.86	1.31
Condotti	13	A TR30	4.33	24.28	24.89	24.98	25.26	0.029829	2.72	1.59	3.45	1.28
Condotti	12	A TR200	7.09	21.72	22.38	22.47	22.75	0.030016	2.72	2.60	6.08	1.33
Condotti	12	A TR30	4.33	21.72	22.24	22.31	22.53	0.030276	2.37	1.82	5.31	1.29
Condotti	11	A TR200	7.09	17.58	18.61	18.69	19.04	0.024102	2.91	2.43	4.04	1.20
Condotti	11	A TR30	4.33	17.58	18.42	18.47	18.74	0.024003	2.53	1.71	3.54	1.16
Condotti	10	A TR200	7.09	16.06	16.99	17.03	17.31	0.020916	2.52	2.81	5.19	1.10
Condotti	10	A TR30	4.33	16.06	16.80	16.82	17.06	0.020440	2.26	1.91	4.13	1.06
Condotti	9	A TR200	7.08	14.47	15.48	15.30	15.76	0.006599	2.34	3.03	6.56	0.74
Condotti	9	A TR30	4.33	14.47	15.14	15.07	15.38	0.009671	2.15	2.01	5.57	0.84
Condotti	8.5		Bridge									
Condotti	8	A TR200	7.08	14.18	14.92	15.11	15.61	0.030389	3.68	1.92	6.11	1.47
Condotti	8	A TR30	4.33	14.18	14.77	14.88	15.21	0.028072	2.95	1.47	5.63	1.35
Condotti	7	A TR200	7.08	12.87	13.49	13.56	13.84	0.023976	2.63	2.69	5.53	1.20
Condotti	7	A TR30	4.33	12.87	13.34	13.39	13.60	0.024356	2.26	1.92	5.06	1.17
Condotti	6	A TR200	8.90	10.78	11.55	11.63	11.96	0.022176	2.83	3.15	5.36	1.18
Condotti	6	A TR30	5.48	10.78	11.36	11.42	11.68	0.023553	2.50	2.19	4.76	1.17
Condotti	5	A TR200	8.89	8.49	9.67	9.31	9.85	0.005857	1.85	4.81	4.46	0.57
Condotti	5	A TR30	5.47	8.49	9.35	9.09	9.48	0.006027	1.61	3.41	4.26	0.57
Condotti	4.9		Bridge									
Condotti	4.8	A TR200	8.89	8.49	9.35	9.31	9.70	0.016192	2.63	3.39	4.26	0.94
Condotti	4.8	A TR30	5.47	8.49	9.16	9.09	9.38	0.013418	2.10	2.60	4.15	0.85
Condotti	4	A TR200	8.89	8.31	9.11	9.23	9.57	0.028894	3.02	2.94	5.66	1.34
Condotti	4	A TR30	5.47	8.31	8.95	9.04	9.30	0.030010	2.64	2.07	5.08	1.32
Condotti	3	A TR200	8.89	5.82	7.08	6.83	7.31	0.008221	2.10	4.23	4.35	0.68
Condotti	3	A TR30	5.47	5.82	6.71	6.58	6.92	0.010607	2.01	2.72	3.81	0.76
Condotti	2.5		Bridge									
Condotti	2	A TR200	8.89	5.45	6.35	6.63	7.32	0.046490	4.36	2.04	3.28	1.63
Condotti	2	A TR30	5.47	5.45	6.16	6.35	6.82	0.043599	3.61	1.52	3.06	1.55
Condotti	1	A TR200	8.78	4.09	5.22	5.11	5.52	0.012430	2.44	3.60	4.18	0.84
Condotti	1	A TR30	5.41	4.09	4.82	4.84	5.16	0.020345	2.58	2.10	3.35	1.04
Condotti	0.9	A TR200	8.74	3.38	5.22	4.40	5.33	0.003241	1.49	5.88	4.23	0.40
Condotti	0.9	A TR30	5.22	3.38	4.69	4.11	4.78	0.003294	1.34	3.91	3.40	0.40
Grande M	100	A TR200	30.36	34.02	35.56	35.58	35.98	0.015692	2.86	10.60	13.86	1.05
Grande M	100	A TR30	17.27	34.02	35.14	35.31	35.72	0.048775	3.37	5.13	12.48	1.67
Grande M	99	A TR200	30.36	33.52	35.06	35.29	35.91	0.021637	4.14	7.78	9.17	1.21
Grande M	99	A TR30	17.27	33.52	34.66	34.79	35.31	0.023015	3.57	4.83	5.44	1.21
Grande M	98	A TR200	30.36	32.20	33.47	33.72	34.42	0.027700	4.33	7.01	6.80	1.36
Grande M	98	A TR30	17.26	32.20	33.13	33.29	33.79	0.027703	3.61	4.78	6.33	1.33
Grande M	97	A TR200	30.01	29.56	30.81	31.11	31.75	0.031367	4.31	6.96	7.98	1.47
Grande M	97	A TR30	17.10	29.56	30.42	30.67	31.23	0.036725	3.99	4.29	6.27	1.54
Grande M	96.5	A TR200	35.19	27.45	29.57	29.68	30.26	0.019772	3.69	9.54	9.14	1.15
Grande M	96.5	A TR30	19.94	27.45	29.09	29.27	29.73	0.023353	3.53	5.64	6.34	1.20
Grande M	96	A TR200	35.32	26.21	27.97	28.33	29.23	0.030923	4.96	7.12	5.46	1.39
Grande M	96	A TR30	20.02	26.21	27.51	27.75	28.42	0.030096	4.21	4.76	4.78	1.35
Grande M	95	A TR200	35.71	20.84	22.09	22.36	23.06	0.028494	4.37	8.17	8.64	1.44
Grande M	95	A TR30	20.31	20.84	21.76	21.95	22.45	0.028440	3.69	5.51	7.65	1.39
Grande M	94	A TR200	35.97	17.26	18.51	18.68	19.29	0.021649	3.91	9.21	9.55	1.27
Grande M	94	A TR30	20.49	17.26	18.18	18.30	18.74	0.022749	3.31	6.20	8.83	1.26
Grande M	93	A TR200	36.22	14.83	16.40	16.62	17.36	0.023734	4.34	8.34	6.95	1.27
Grande M	93	A TR30	20.64	14.83	15.98	16.14	16.68	0.023458	3.71	5.56	6.02	1.23
Grande M	92	A TR200	36.66	11.01	12.74	12.79	13.23	0.014401	3.13	12.64	16.69	0.91
Grande M	92	A TR30	20.91	11.01	12.14	12.14	12.63	0.015640	3.09	6.76	6.97	1.00
Grande M	91	A TR200	36.79	9.93	12.60	11.76	12.81	0.003055	1.99	18.45	10.60	0.48

Reach	River Sta	Plan	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
Grande M	91	A TR30	20.99	9.93	11.81	11.28	12.00	0.004247	1.93	10.88	8.47	0.54
Grande M	90.5		Bridge									
Grande M	90	A TR200	36.78	9.66	11.50	11.83	12.58	0.041853	4.62	7.96	8.62	1.53
Grande M	90	A TR30	20.99	9.66	11.06	11.41	12.06	0.047608	4.43	4.74	5.55	1.53
Grande M	89	A TR200	36.91	8.85	10.64	10.65	11.50	0.019448	4.10	9.01	5.35	1.01
Grande M	89	A TR30	21.07	8.85	10.14	10.12	10.70	0.017490	3.33	6.32	5.32	0.98
Grande M	88	A TR200	37.13	7.74	9.47	9.54	10.22	0.017160	3.83	9.70	7.46	1.07
Grande M	88	A TR30	21.19	7.74	9.03	9.05	9.55	0.016404	3.21	6.60	6.67	1.03
Grande M	87	A TR200	37.40	6.40	8.35	8.13	8.74	0.007745	2.77	13.50	10.58	0.78
Grande M	87	A TR30	21.34	6.40	7.68	7.72	8.14	0.015892	3.01	7.08	8.60	1.06
Grande M	86	A TR200	37.50	5.69	8.11	7.49	8.57	0.007671	2.99	12.56	5.39	0.62
Grande M	86	A TR30	21.40	5.69	7.44	6.94	7.73	0.006380	2.40	8.92	5.39	0.59
Grande M	85.5		Bridge									
Grande M	85.3	A TR200	37.50	5.69	7.06	7.49	8.57	0.040663	5.44	6.90	5.34	1.53
Grande M	85.3	A TR30	21.40	5.69	6.63	6.94	7.71	0.041594	4.60	4.66	5.15	1.54
Grande M	85	A TR200	37.51	5.61	7.03	7.13	7.86	0.020228	4.04	9.28	6.82	1.11
Grande M	85	A TR30	21.40	5.61	6.60	6.67	7.18	0.020286	3.36	6.37	6.77	1.11
Grande M	84	A TR200	37.70	4.42	6.54	6.16	6.85	0.006341	2.49	15.13	10.29	0.66
Grande M	84	A TR30	21.52	4.42	5.91	5.79	6.21	0.010485	2.43	8.87	9.74	0.81
Grande M	83	A TR200	37.69	3.61	5.75	5.80	6.69	0.020276	4.30	8.76	5.04	1.04
Grande M	83	A TR30	21.51	3.61	5.17	5.18	5.83	0.018454	3.59	6.00	4.59	1.00
Grande M	82.9	A TR200	35.26	3.37	5.22	5.44	6.35	0.027107	4.71	7.49	4.73	1.19
Grande M	82.9	A TR30	21.45	3.37	4.69	4.89	5.60	0.028880	4.21	5.09	4.34	1.24
Grande V	82.1	A TR200	44.00	3.36	5.22	5.15	6.04	0.016618	4.02	10.95	5.88	0.94
Grande V	82.1	A TR30	26.67	3.36	4.69	4.64	5.28	0.015912	3.40	7.84	5.88	0.94
Grande V	82	A TR200	43.98	3.23	5.00	5.10	6.00	0.021816	4.42	9.94	5.88	1.09
Grande V	82	A TR30	26.67	3.23	4.46	4.59	5.25	0.024487	3.94	6.77	5.88	1.17
Grande V	81	A TR200	43.20	2.54	4.69	4.16	5.13	0.004143	2.94	14.68	9.48	0.65
Grande V	81	A TR30	26.67	2.54	3.84	3.73	4.31	0.009010	3.06	8.71	8.33	0.88
Grande V	80.5		Bridge									
Grande V	80	A TR200	47.83	2.46	4.06	4.14	4.99	0.015530	4.26	11.24	11.03	1.07
Grande V	80	A TR30	26.66	2.46	3.47	3.60	4.19	0.020441	3.77	7.08	10.07	1.20
Grande V	79.99	A TR200	47.65	1.86	4.04	3.55	4.38	0.005109	2.57	18.55	11.00	0.63
Grande V	79.99	A TR30	26.67	1.86	3.45	3.09	3.69	0.005265	2.17	12.26	10.02	0.63
Grande V	79	A TR200	46.99	1.20	3.17	3.22	3.95	0.017466	3.91	12.01	8.69	1.06
Grande V	79	A TR30	27.11	1.20	2.65	2.63	3.24	0.015304	3.41	7.94	6.48	0.98
Grande V	78.99		Lat Struct									
Grande V	78	A TR200	46.93	0.84	2.98	2.23	3.23	0.003663	2.21	21.20	10.55	0.50
Grande V	78	A TR30	27.47	0.84	2.39	1.82	2.56	0.003579	1.84	14.97	10.55	0.49
Grande V	77.5		Bridge									
Grande V	77.1	A TR200	46.93	0.74	2.41	2.13	2.87	0.008477	2.99	15.68	9.66	0.75
Grande V	77.1	A TR30	27.47	0.74	1.93	1.73	2.25	0.008464	2.49	11.03	9.66	0.74
Grande V	77	A TR200	46.93	0.74	2.41	2.13	2.87	0.008506	3.00	15.67	9.66	0.75
Grande V	77	A TR30	27.47	0.74	1.93	1.73	2.25	0.008506	2.49	11.02	9.66	0.75

Reach	River Sta	Plan	Q US (m3/s)	Q Leaving Total (m3/s)	Q DS (m3/s)	Q Weir (m3/s)	Q Gates (m3/s)	Wr Top Width (m)	Weir Max Depth (m)	Weir Avg Depth (m)	Min El Weir Flow (m)	E.G. US. (m)	W.S. US. (m)	E.G. DS (m)	W.S. DS (m)
Grande V	78.99	A TR200	46.99	0.43	46.93	0.43		14.24	0.13	0.06	2.85	3.94	3.17	3.23	2.98
Grande V	78.99	A TR30	27.11	0.00	27.47	0.00					2.85	3.24	2.65	2.56	2.39

Botro Cotone e botro Secco e botro Bargingo

Stato attuale

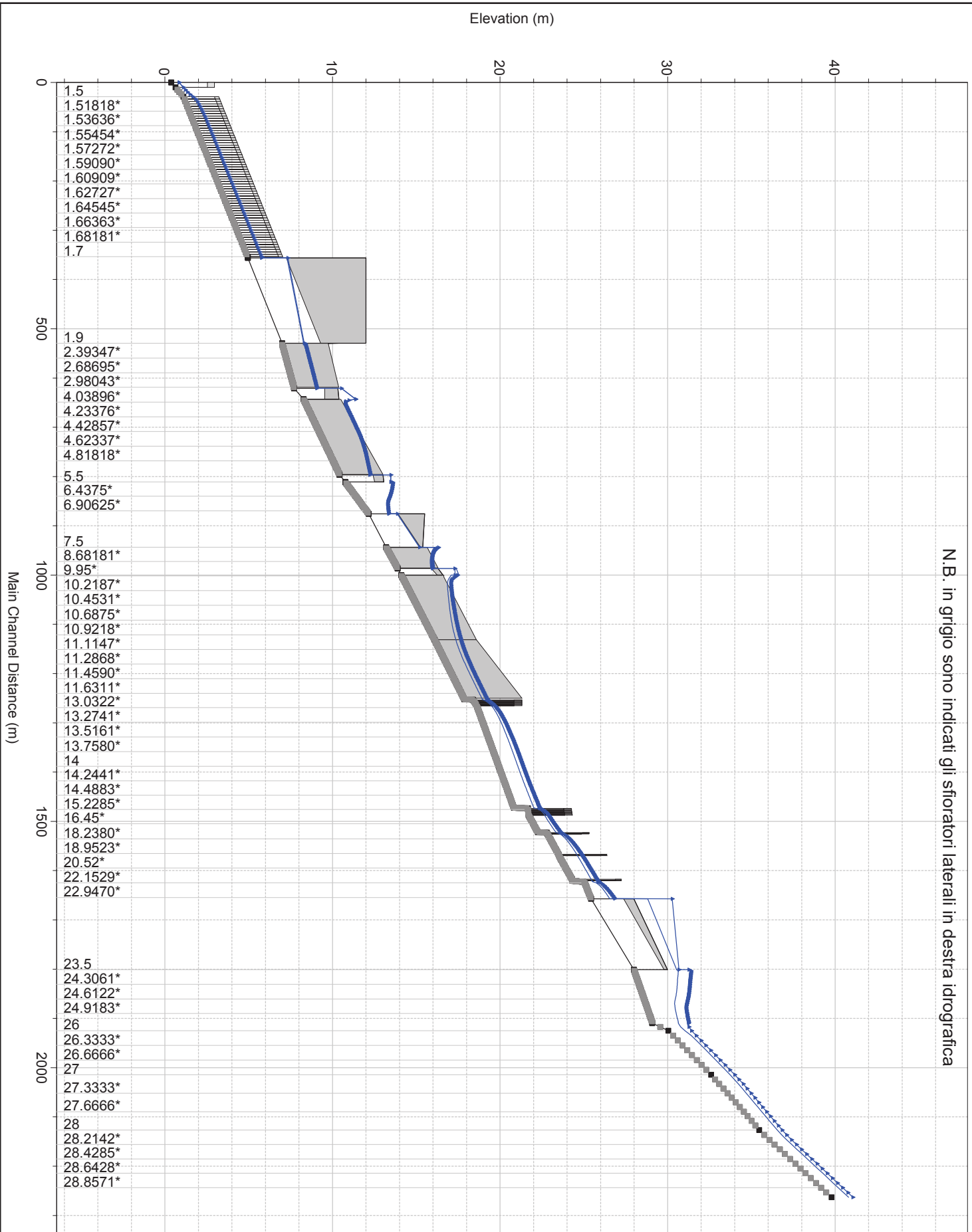


Note of the XS's are Geo-Referenced (Geo-Ref user entered XS, Geo-Ref interpolated XS, Non Geo-Ref user entered XS, Non Geo-Ref interpolated XS)

1 cm Horiz. = 100 m 1 cm Vert. = 82 m

1) A TR 30 2) A TR 200_bis

N.B. in grigio sono indicati gli sfioratori laterali in destra idrografica

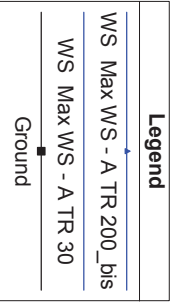
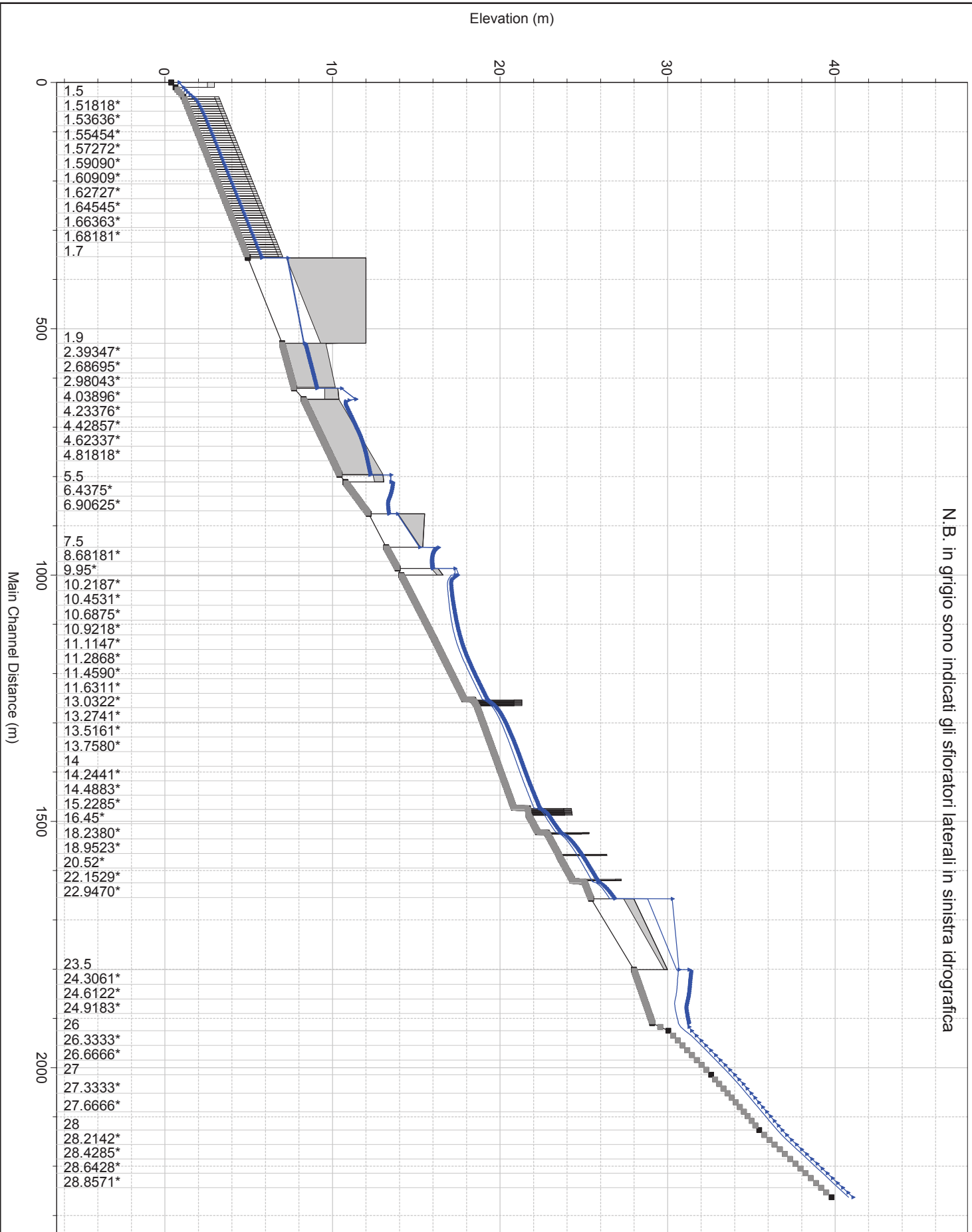


Legend

- WS Max WS - A TR 200_bis
- WS Max WS - A TR 30
- Ground

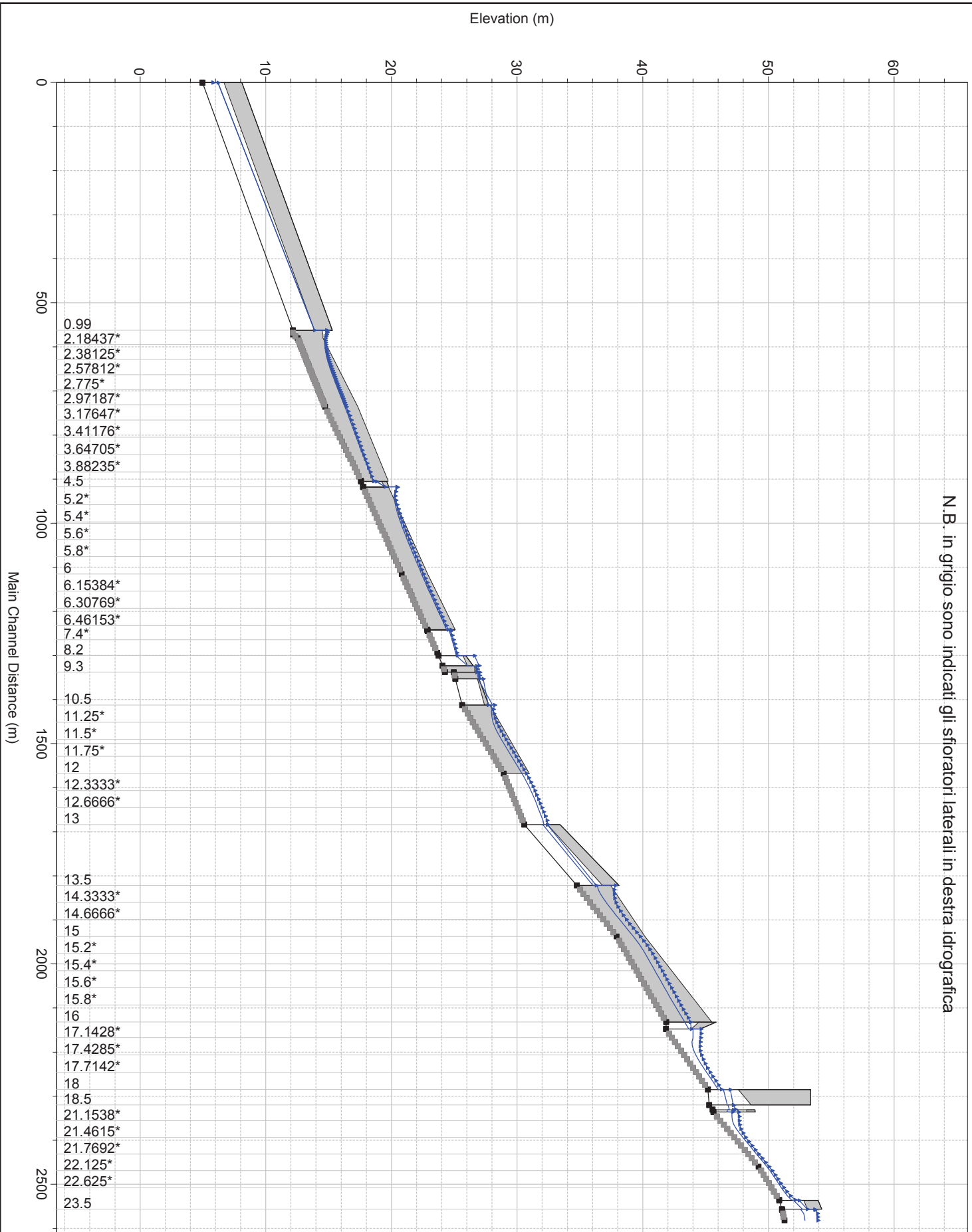
1) A TR 30 2) A TR 200_bis

N.B. in grigio sono indicati gli sfioratori laterali in sinistra idrografica



1) A TR 30 2) A TR 200_bis

N.B. in grigio sono indicati gli sfioratori laterali in destra idrografica



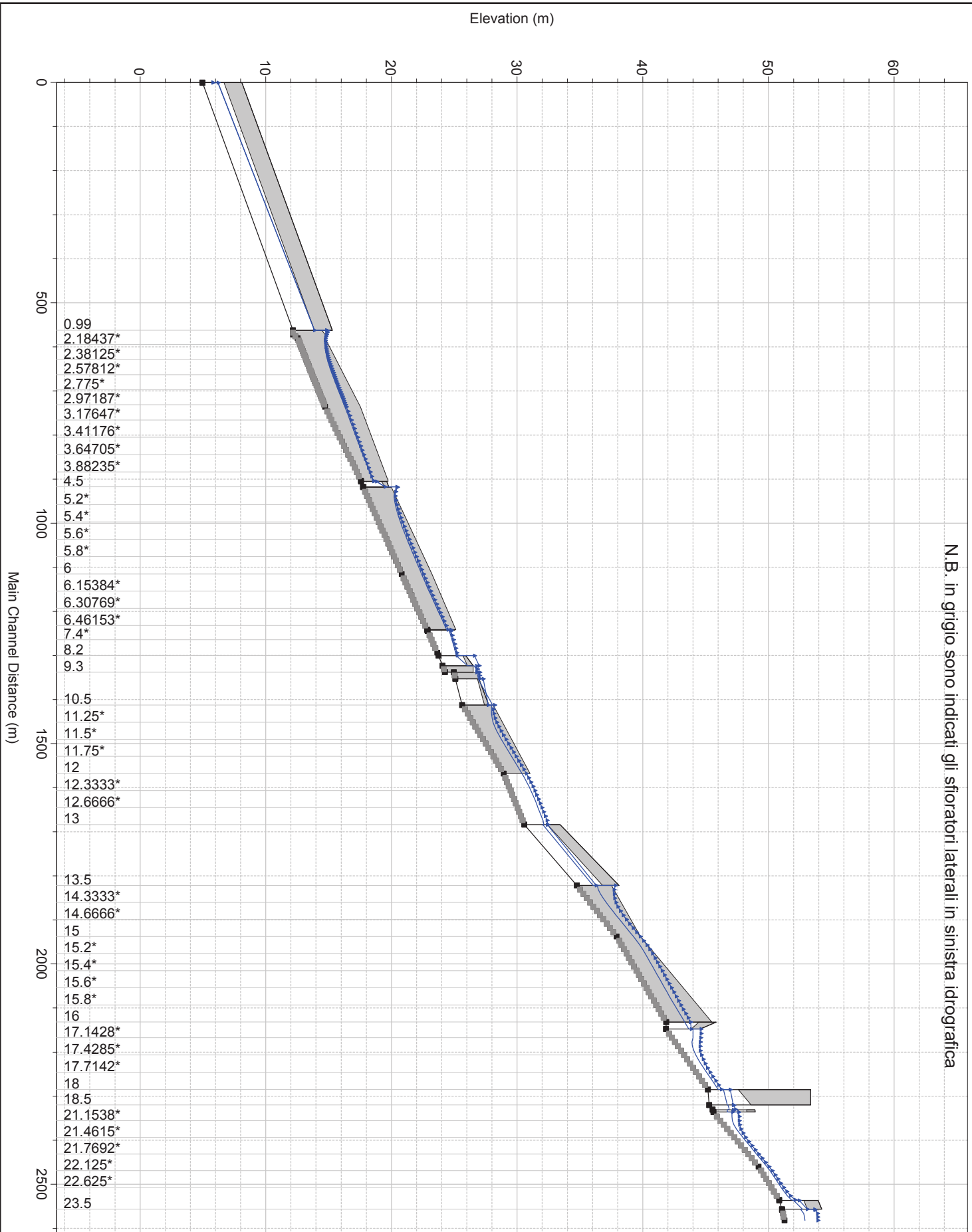
Legend

- WS Max WS - A TR 200_bis
- WS Max WS - A TR 30
- Ground

1 cm Horiz. = 114 m 1 cm Vert. = 4 m

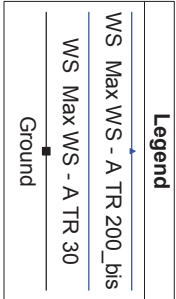
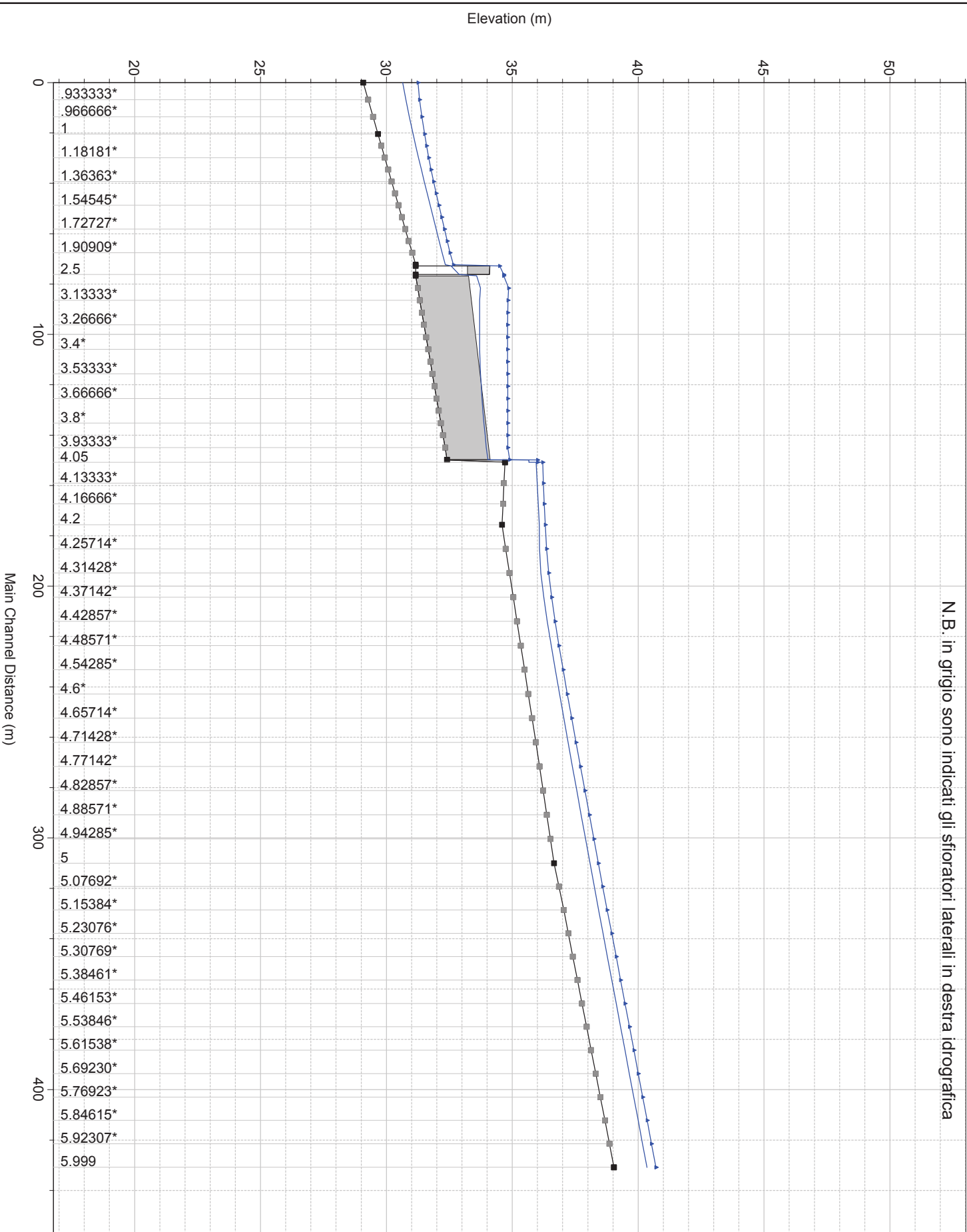
1) A TR 30 2) A TR 200_bis

N.B. in grigio sono indicati gli sfioratori laterali in sinistra idrografica



1) A TR 30 2) A TR 200_bis

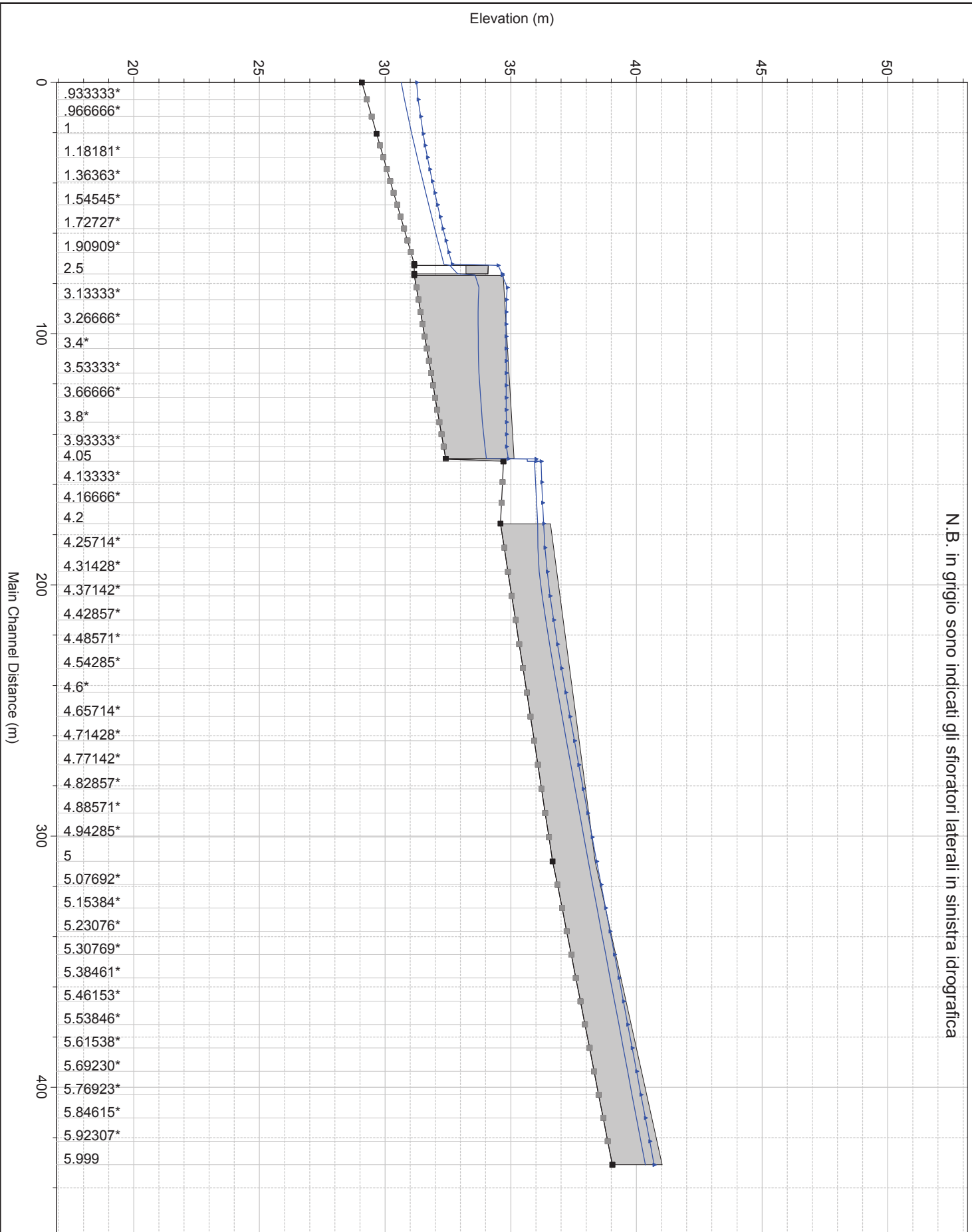
N.B. in grigio sono indicati gli sfioratori laterali in destra idrografica



1 cm Horiz. = 20 m 1 cm Vert. = 2 m

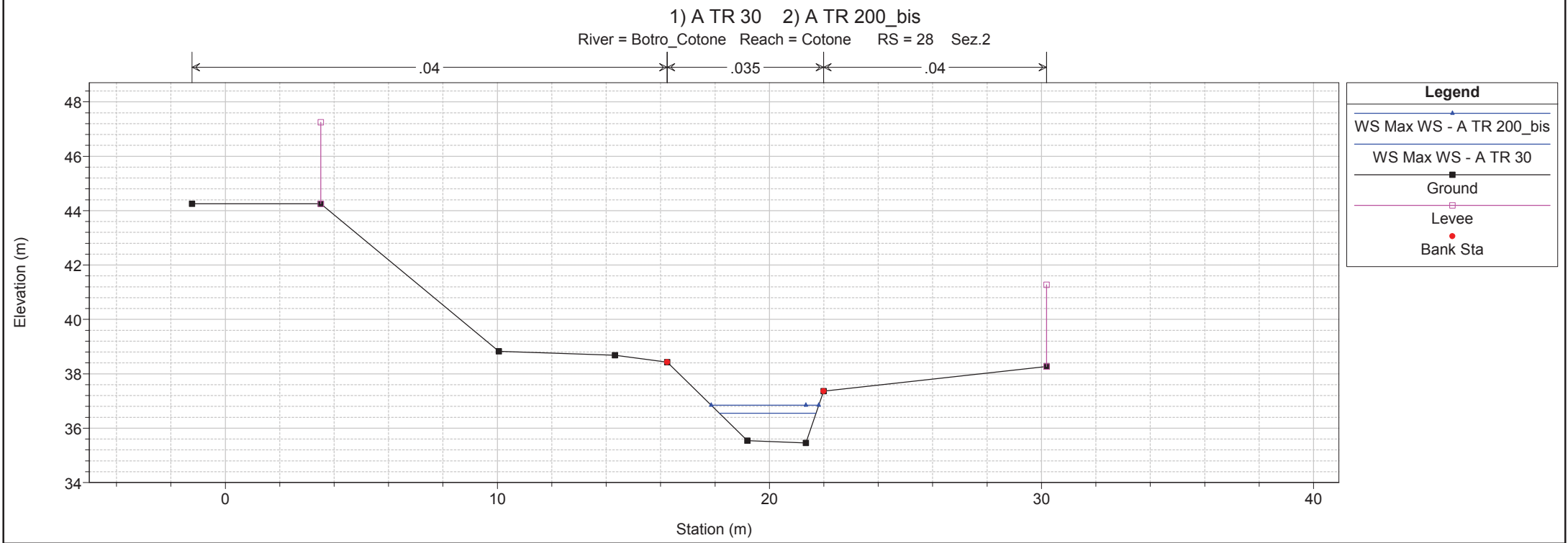
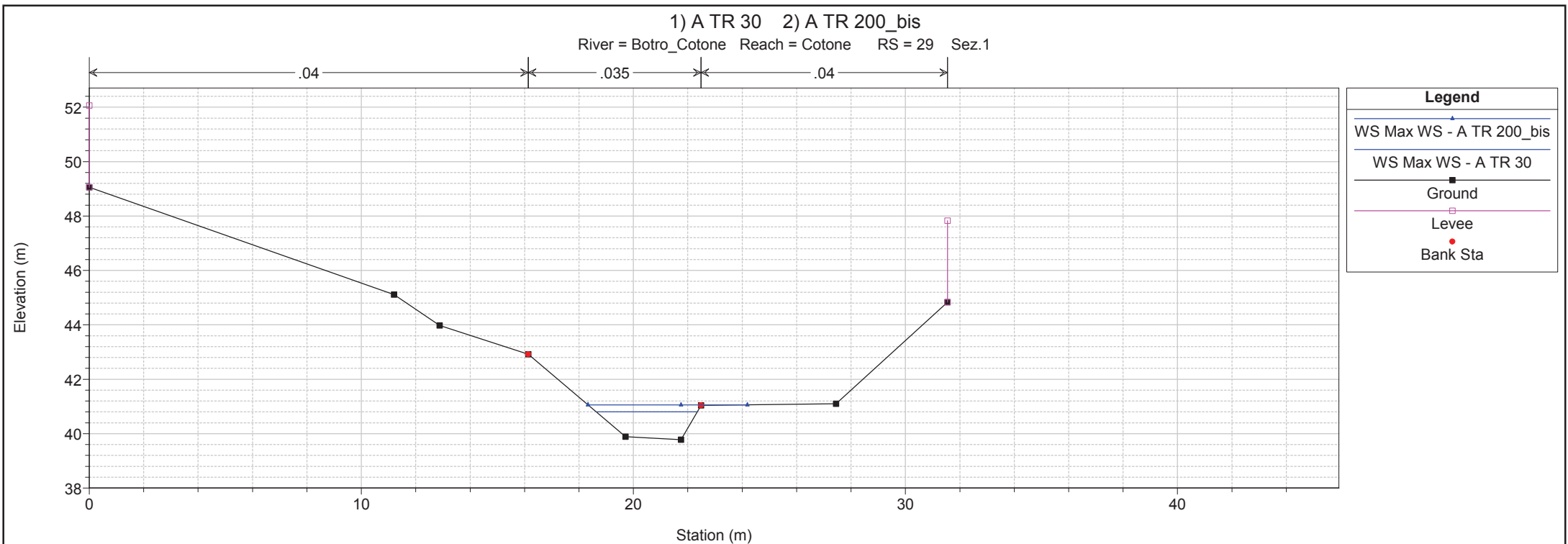
1) A TR 30 2) A TR 200_bis

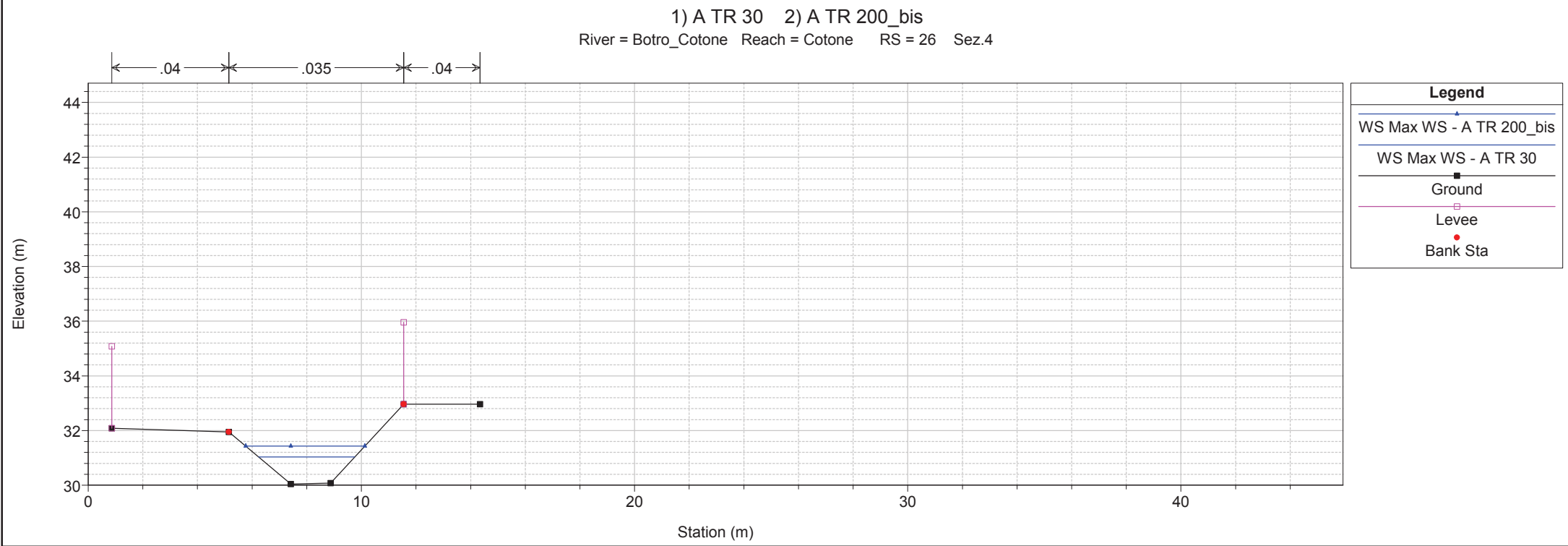
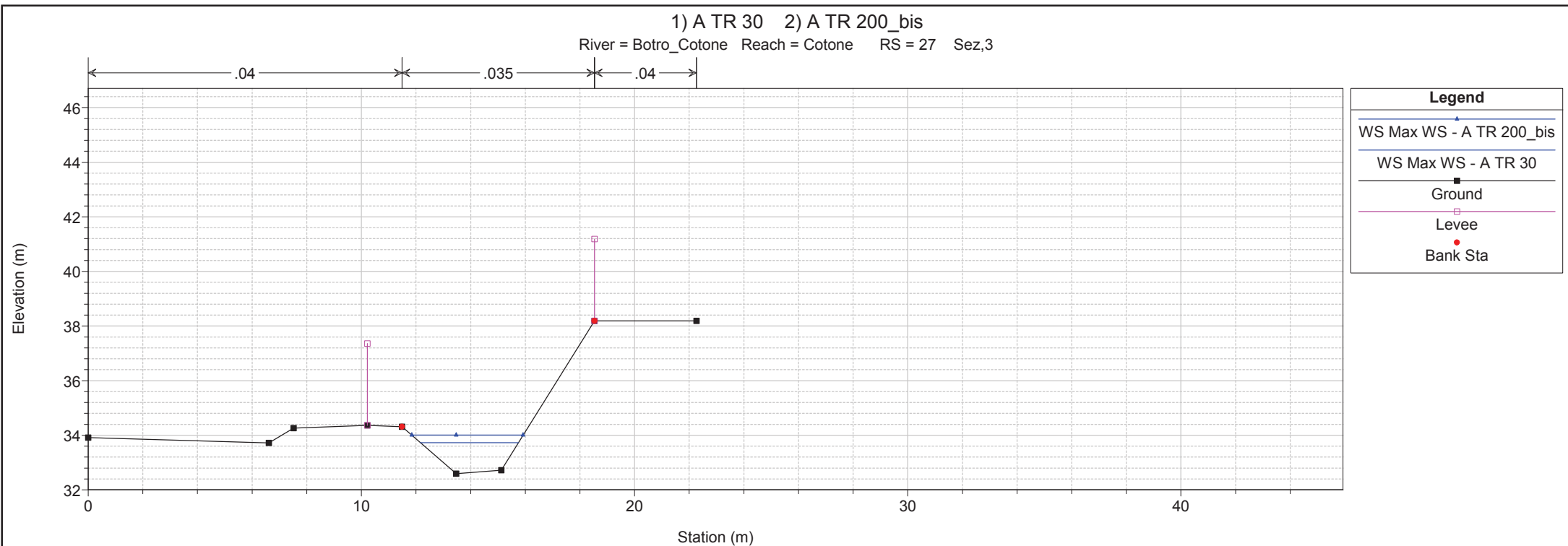
N.B. in grigio sono indicati gli sfioratori laterali in sinistra idrografica



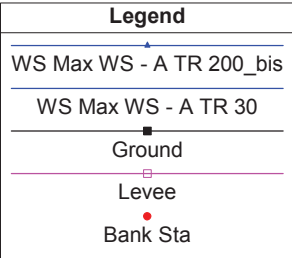
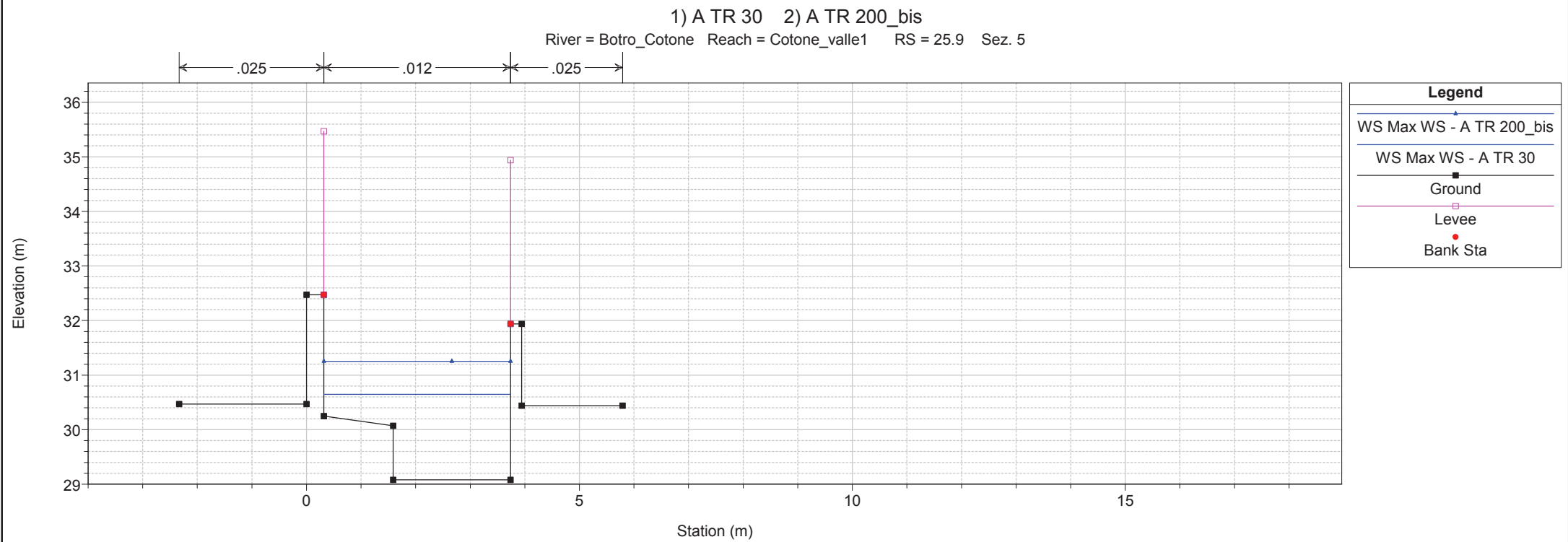
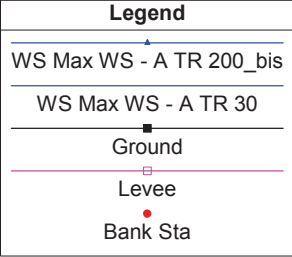
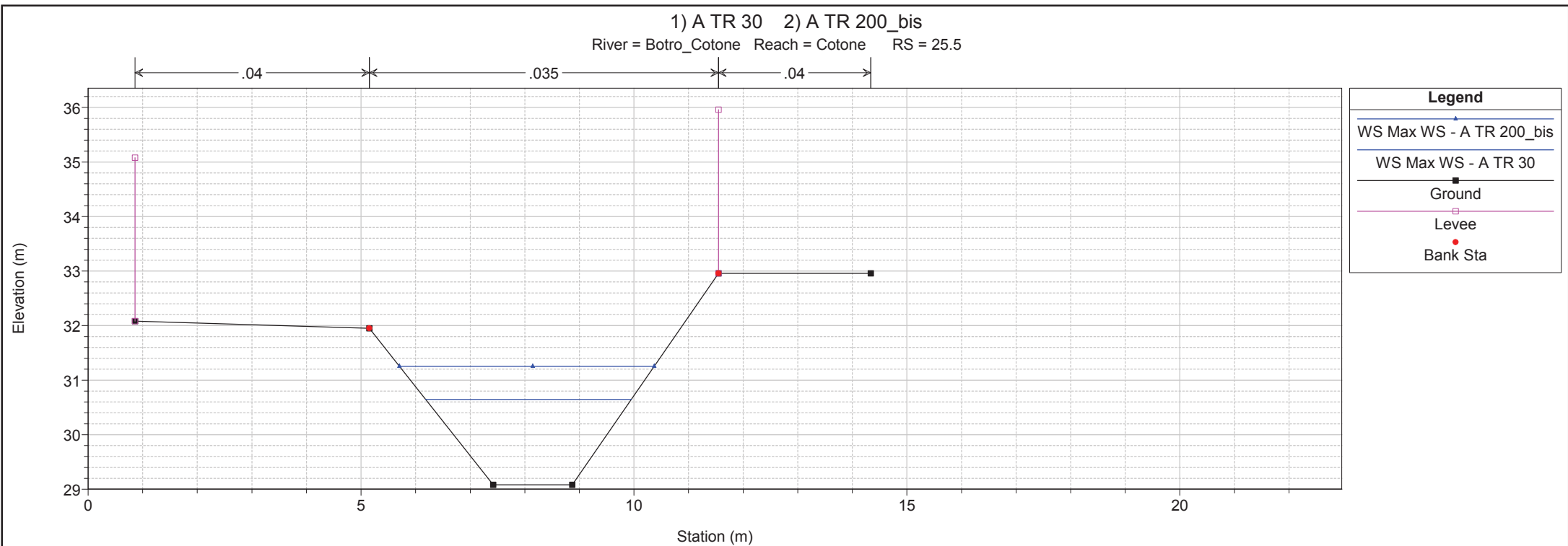
Legend	
WS Max WS - A TR 200_bis	▲
WS Max WS - A TR 30	■
Ground	■

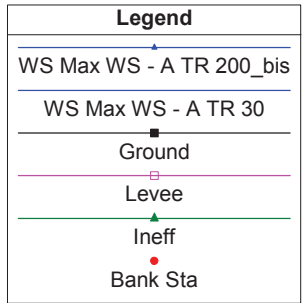
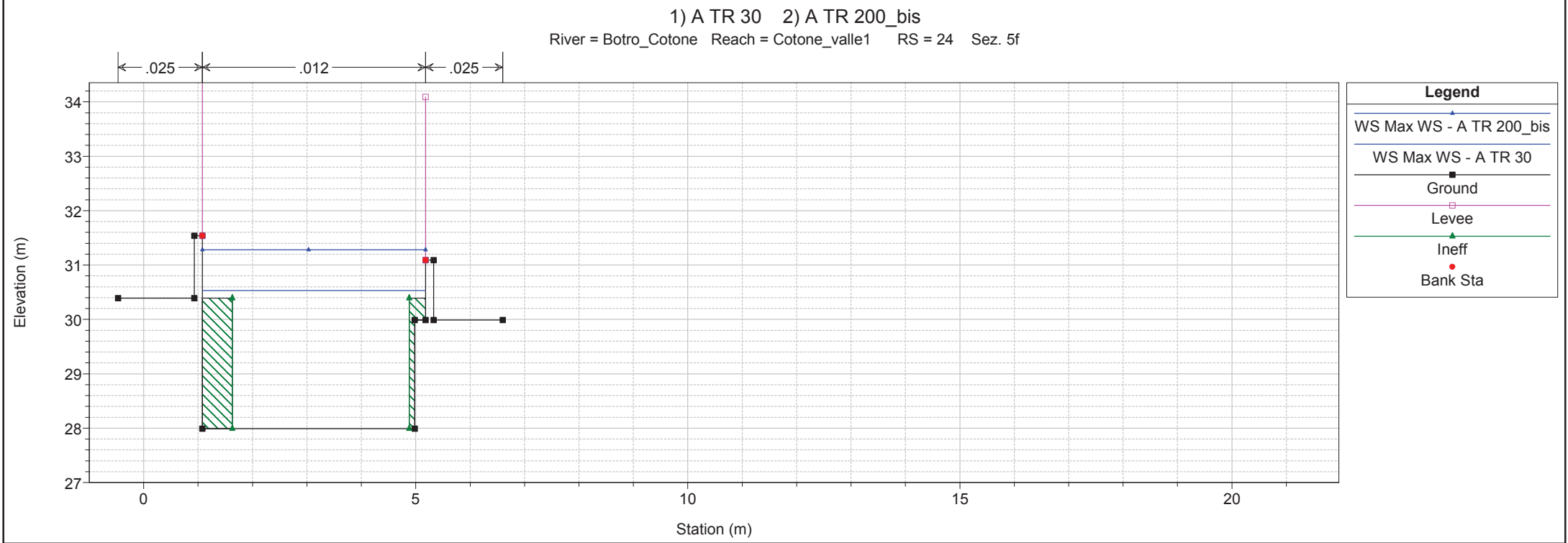
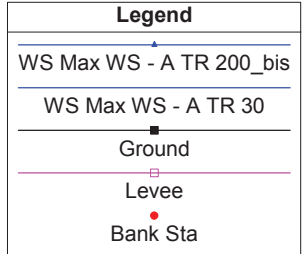
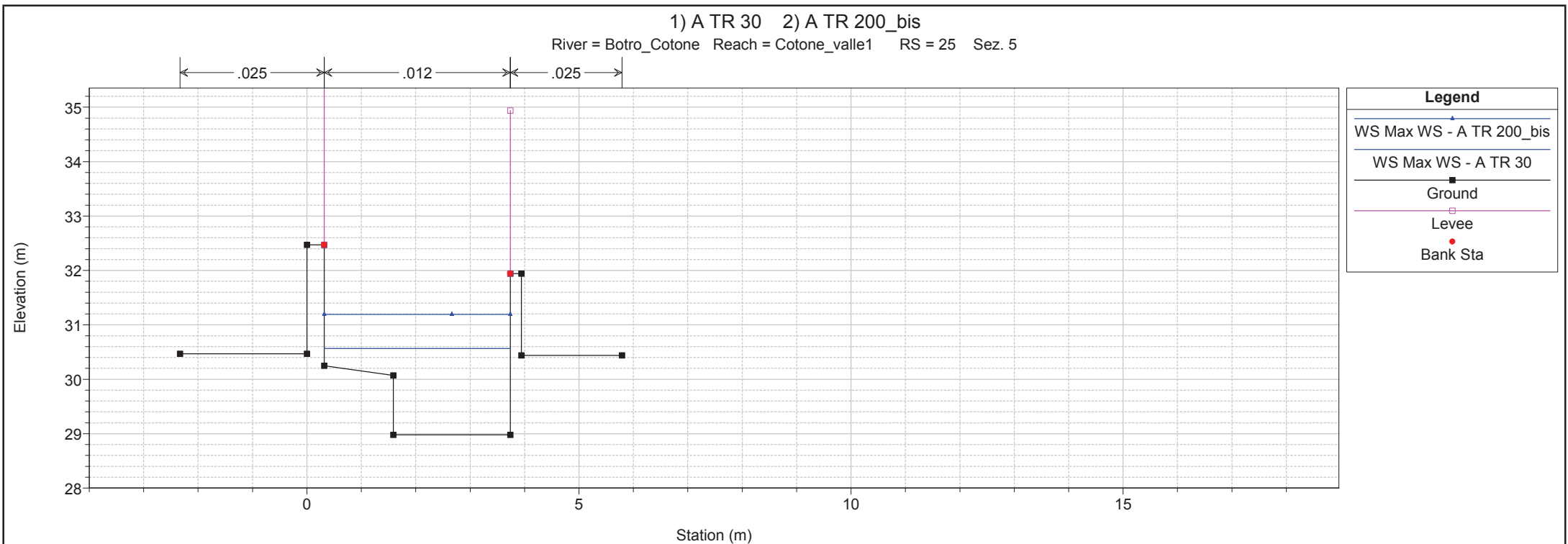
1 cm Horiz. = 20 m 1 cm Vert. = 2 m





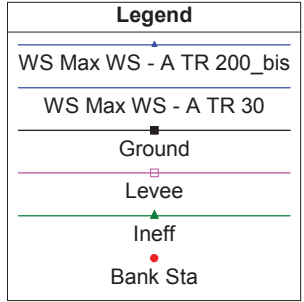
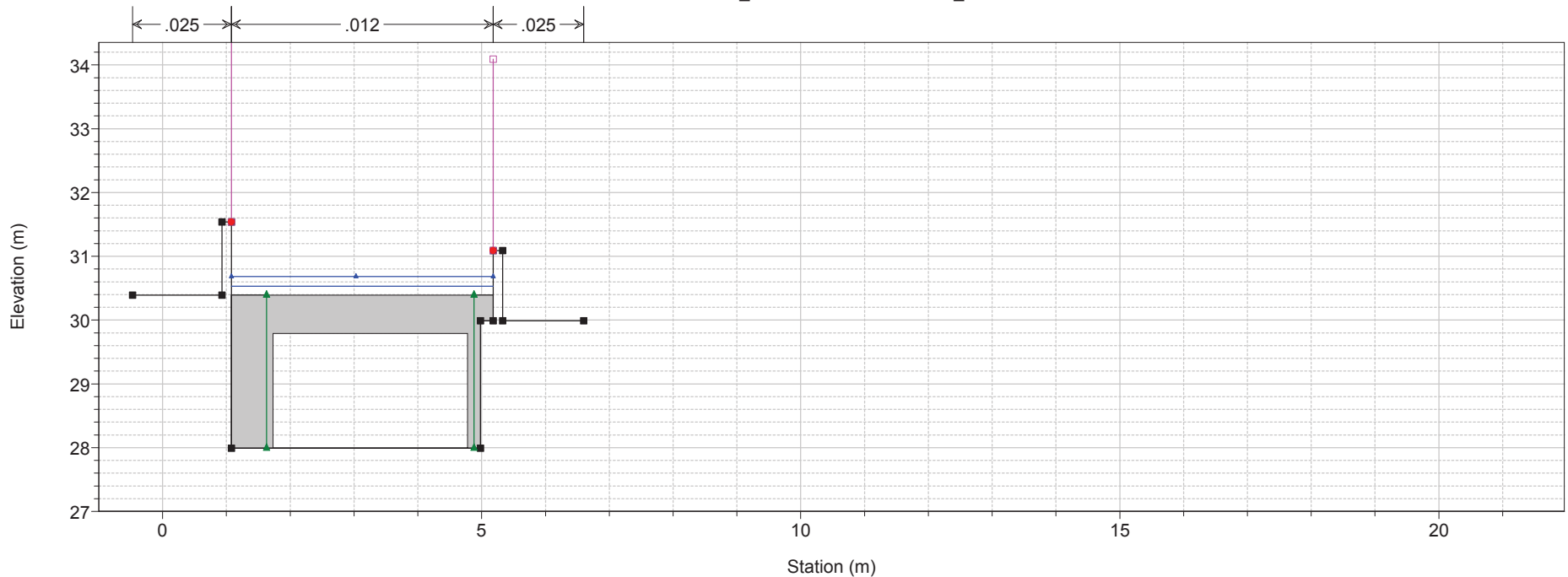
1 cm Horiz. = 2 m 1 cm Vert. = 2 m



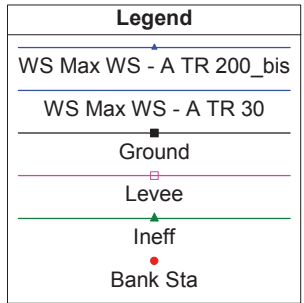
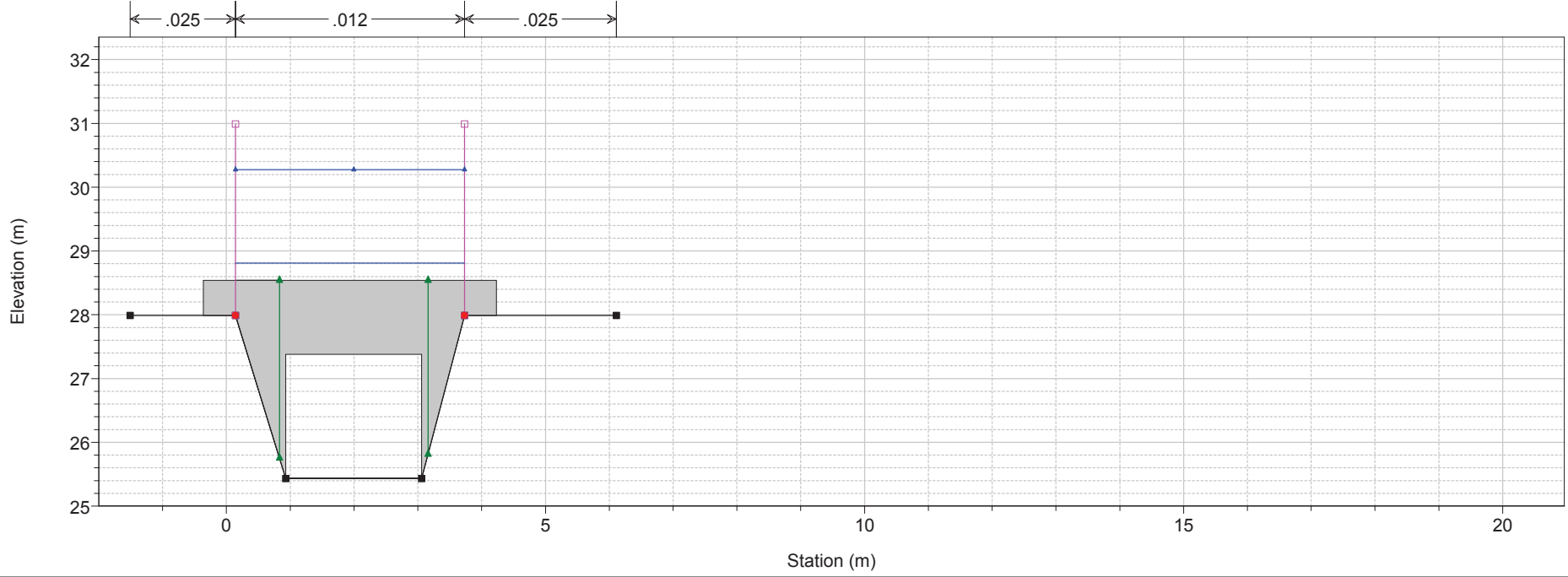


1 cm Horiz. = 1 m 1 cm Vert. = 1 m

1) A TR 30 2) A TR 200_bis
 River = Botro_Cotone Reach = Cotone_valle1 RS = 23.5 BR

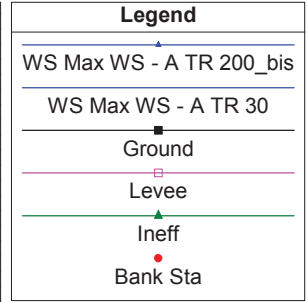
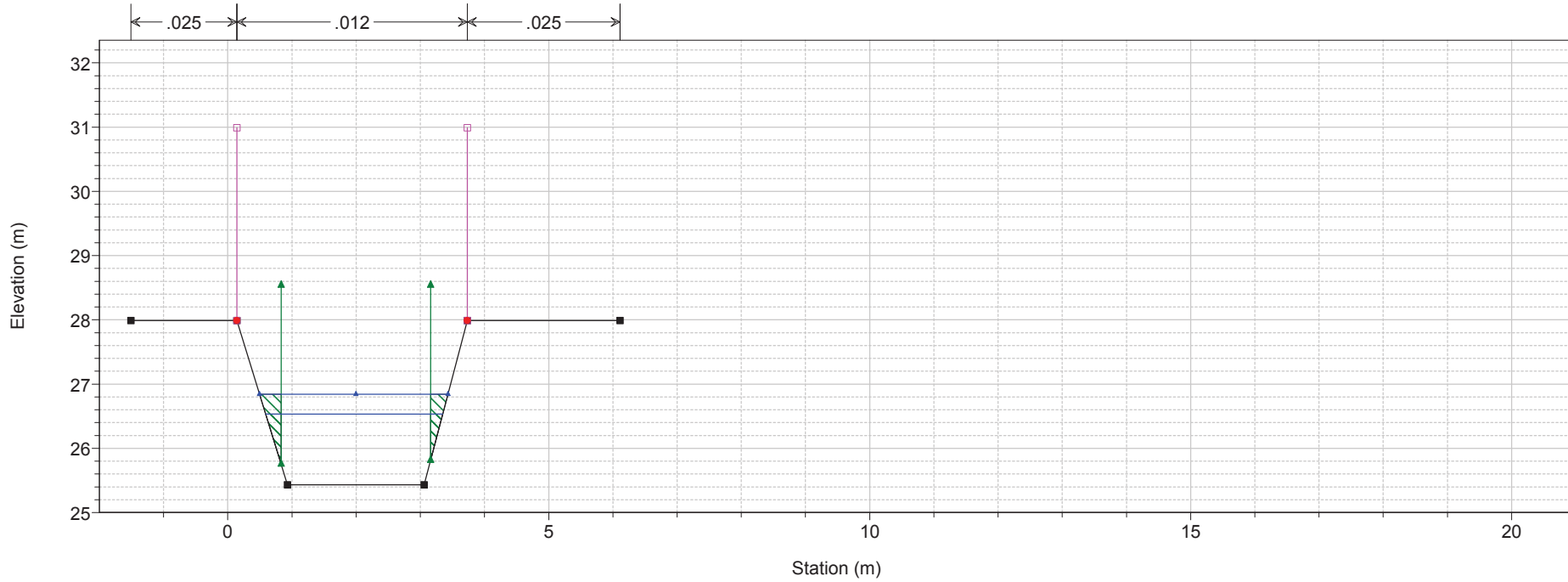


1) A TR 30 2) A TR 200_bis
 River = Botro_Cotone Reach = Cotone_valle1 RS = 23.5 BR

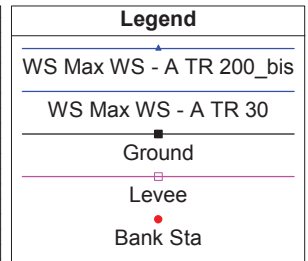
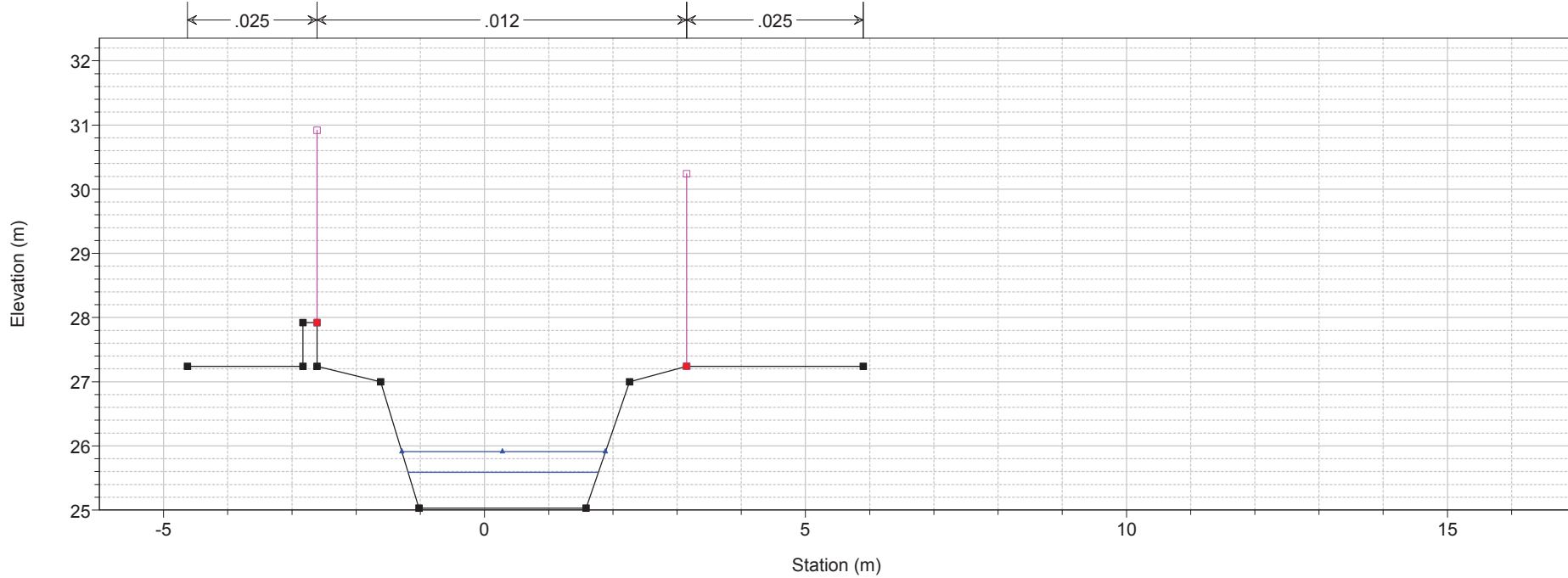


1 cm Horiz. = 1 m 1 cm Vert. = 1 m

1) A TR 30 2) A TR 200_bis
 River = Botro_Cotone Reach = Cotone_valle1 RS = 23 Sez. 5g

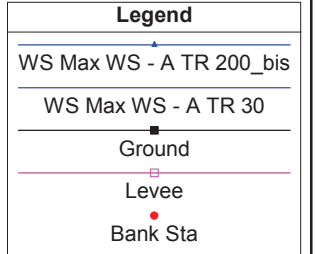
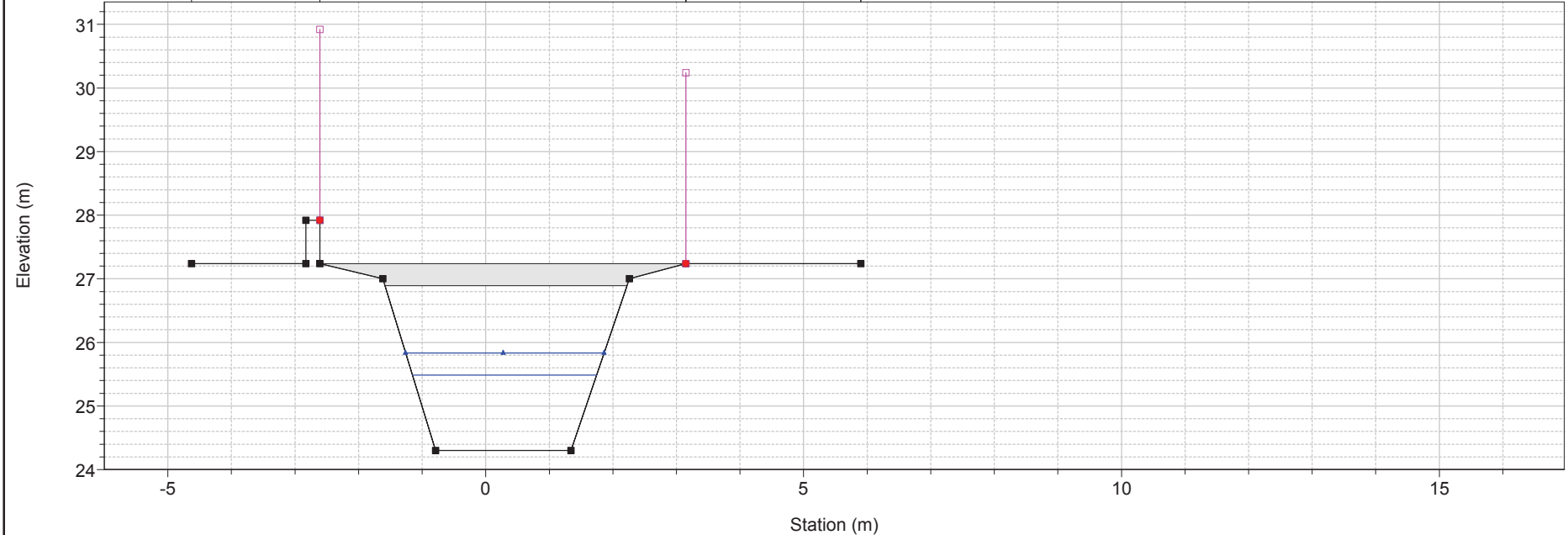


1) A TR 30 2) A TR 200_bis
 River = Botro_Cotone Reach = Cotone_valle1 RS = 22.1 Sez. 6



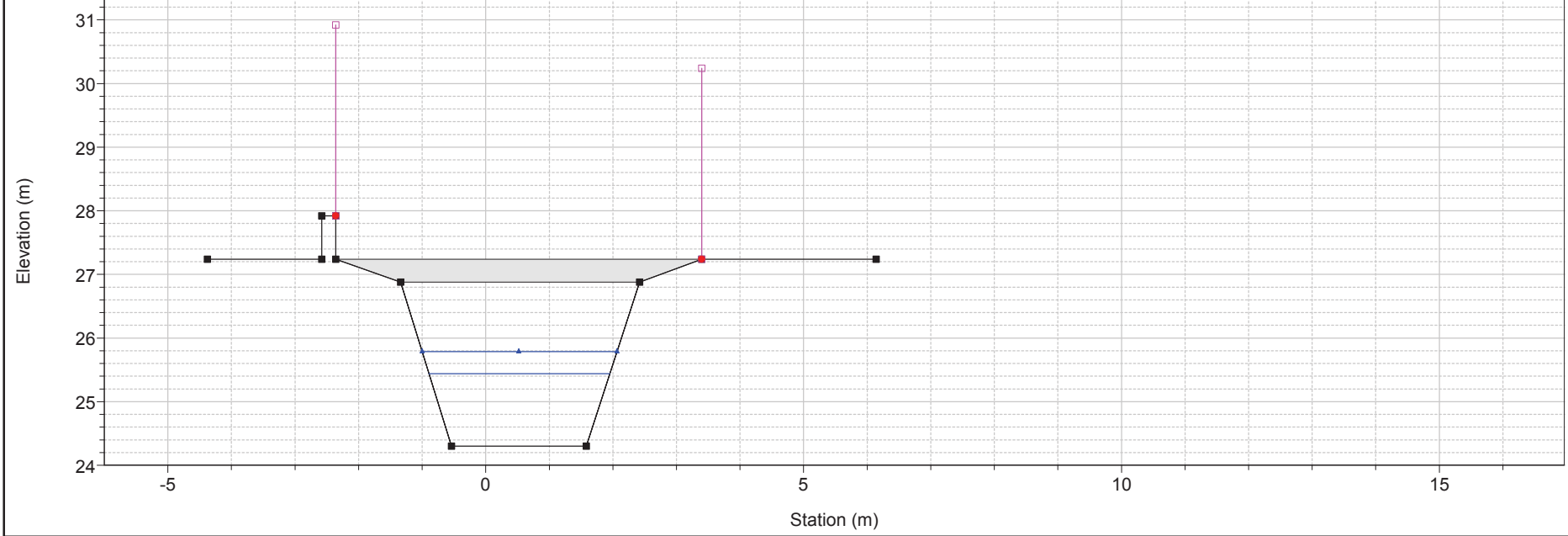
1) A TR 30 2) A TR 200_bis
 River = Botro_Cotone Reach = Cotone_valle1 RS = 22 Sez.6

← .025 → ← .012 → ← .025 →



1) A TR 30 2) A TR 200_bis
 River = Botro_Cotone Reach = Cotone_valle1 RS = 21 Sez. 7

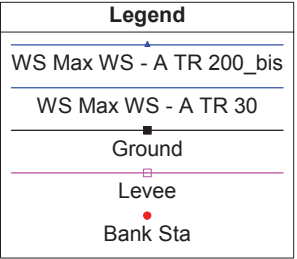
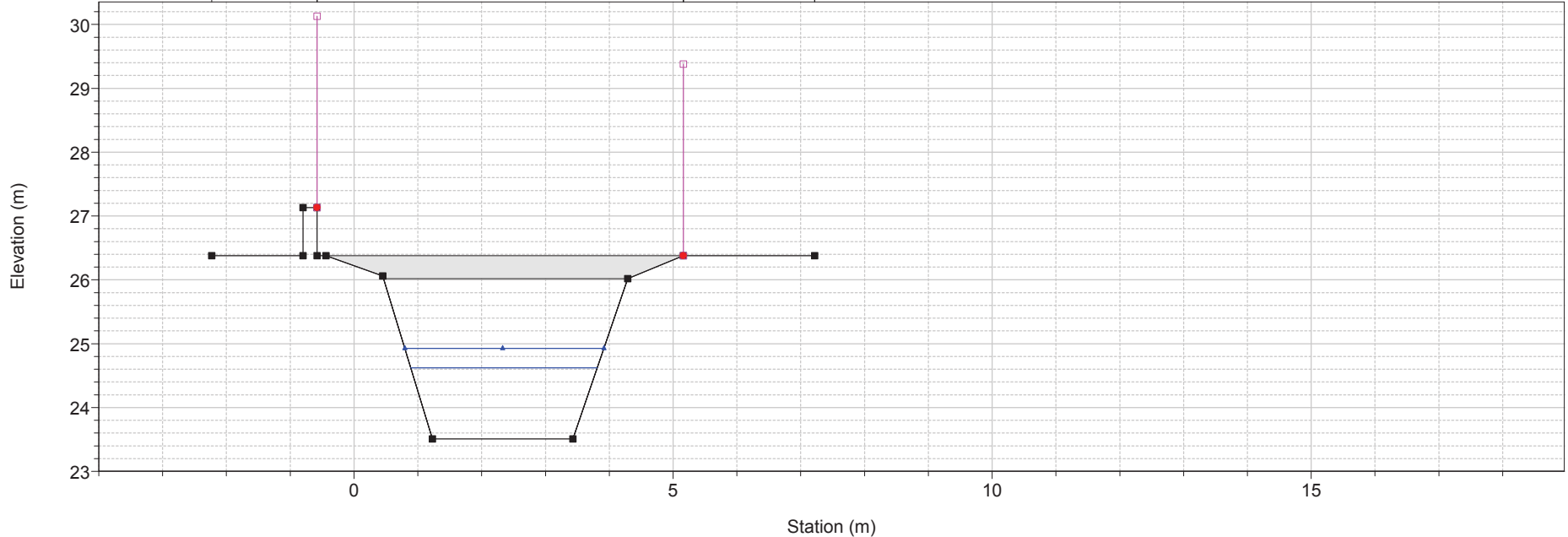
← .025 → ← .012 → ← .025 →



1 cm Horiz. = 1 m 1 cm Vert. = 1 m

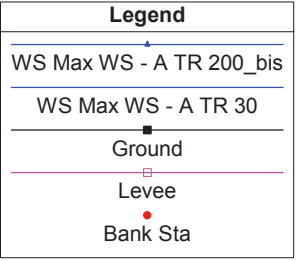
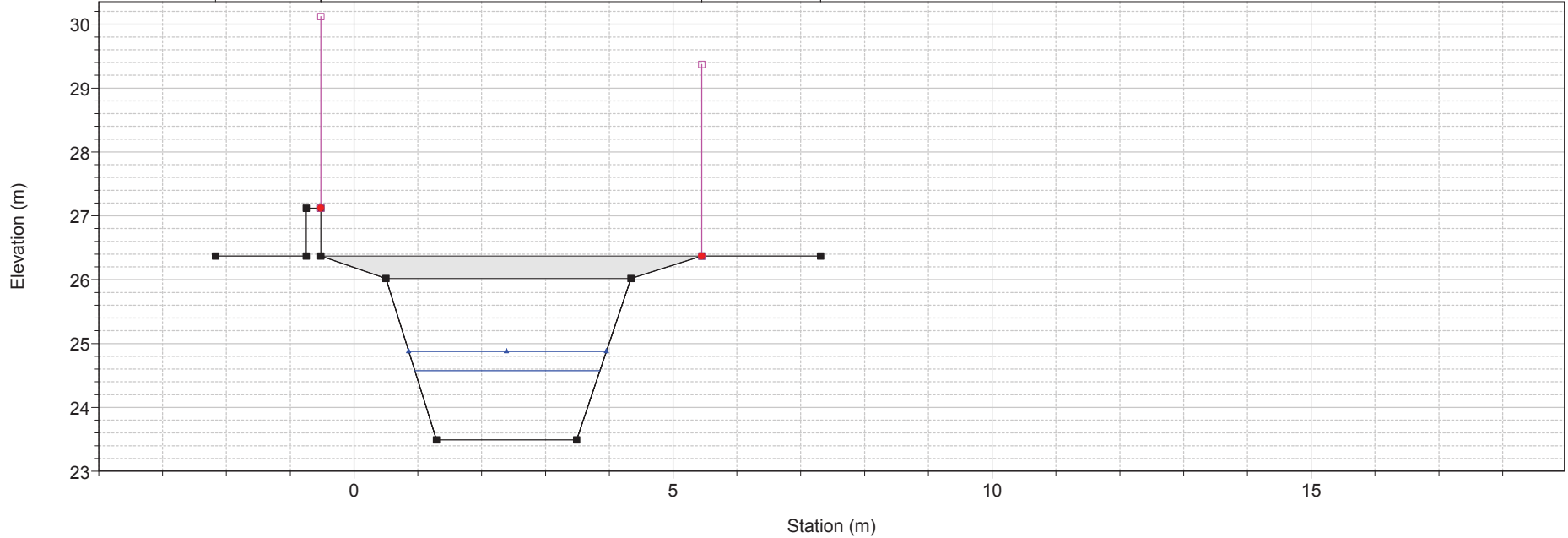
1) A TR 30 2) A TR 200_bis
 River = Botro_Cotone Reach = Cotone_valle1 RS = 20 Sez.8

← .025 → ← .012 → ← .025 →



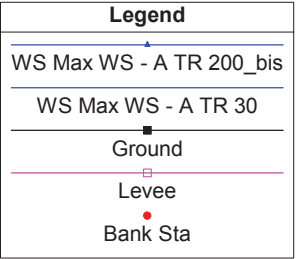
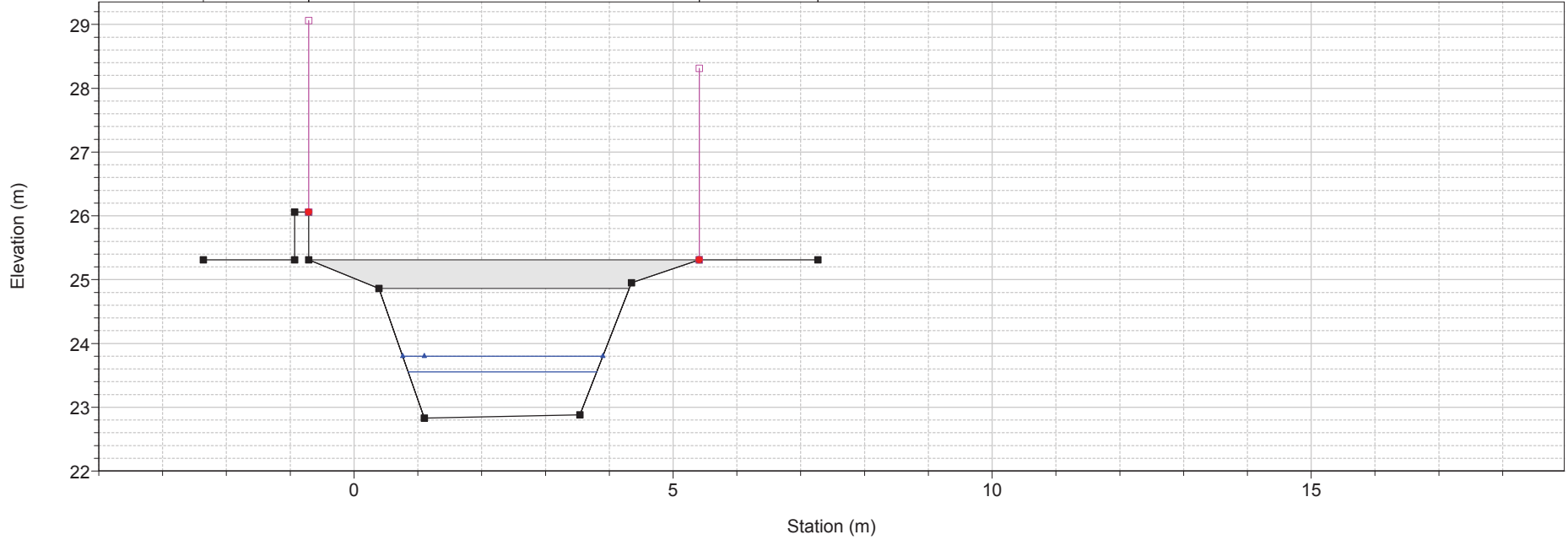
1) A TR 30 2) A TR 200_bis
 River = Botro_Cotone Reach = Cotone_valle1 RS = 19 Sez. 9

← .025 → ← .012 → ← .025 →



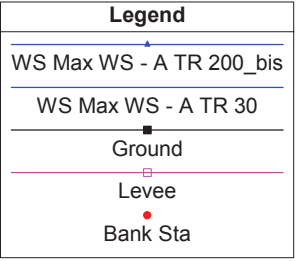
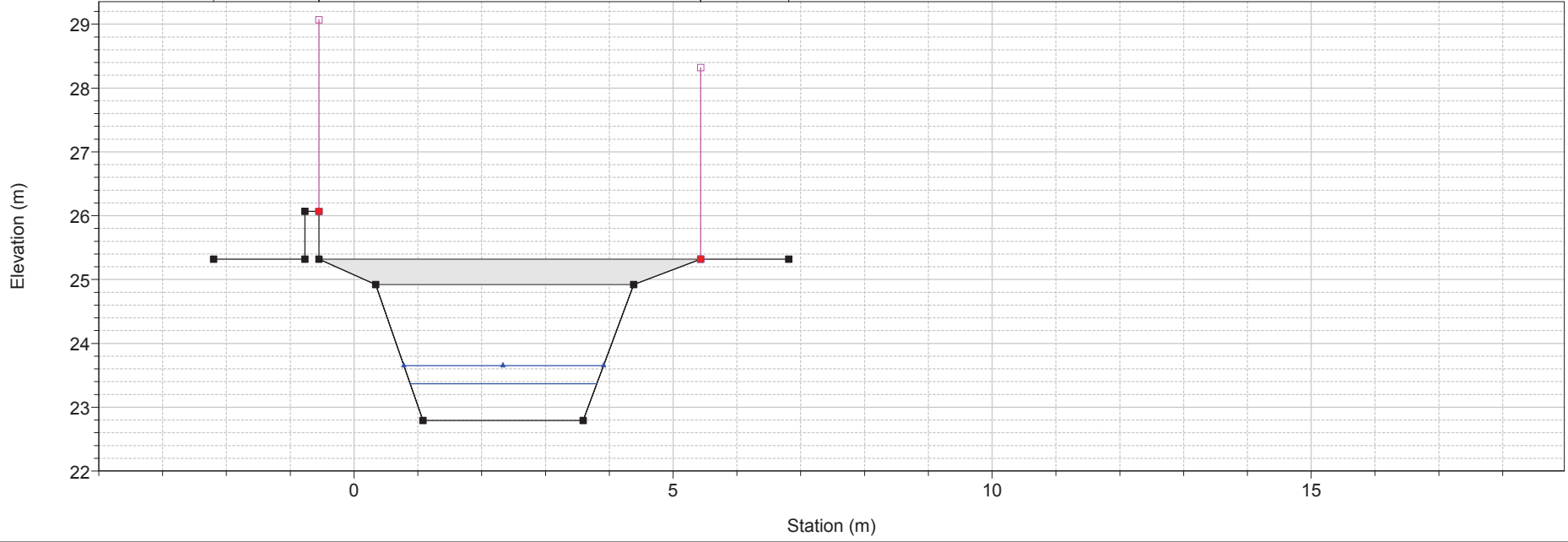
1) A TR 30 2) A TR 200_bis
 River = Botro_Cotone Reach = Cotone_valle1 RS = 18 Sez. 10

← .025 | .012 | .025 →



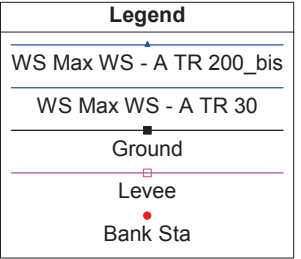
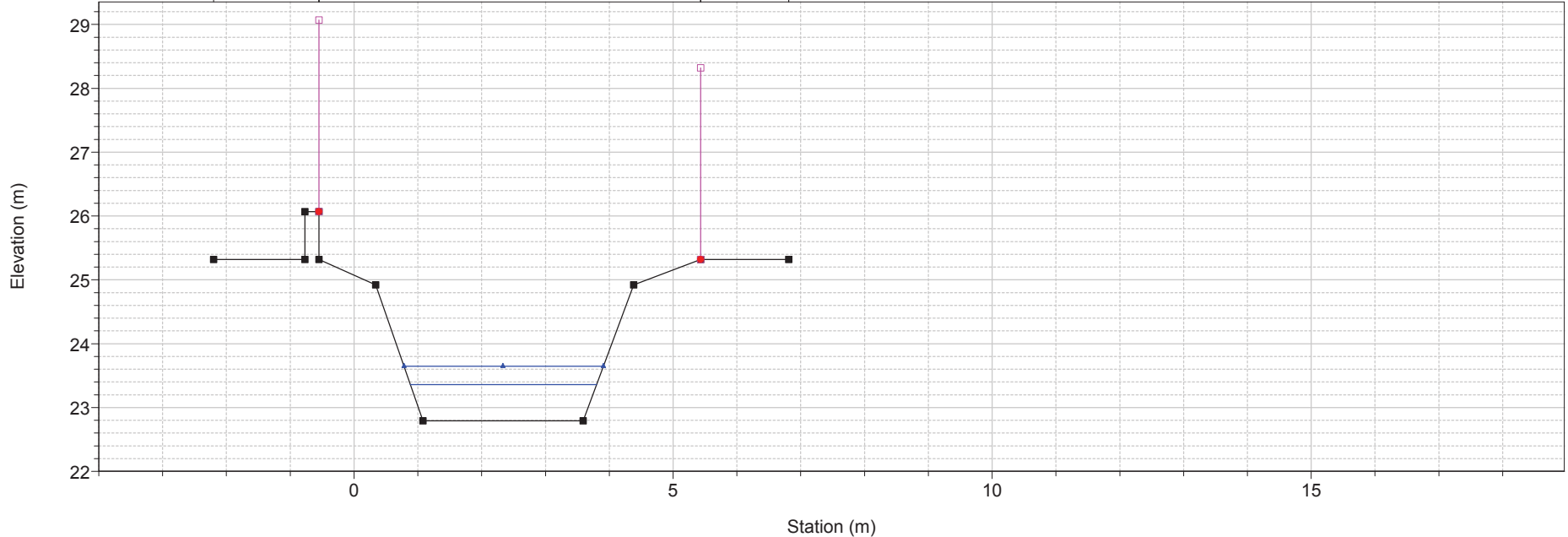
1) A TR 30 2) A TR 200_bis
 River = Botro_Cotone Reach = Cotone_valle1 RS = 17 Sez. 11

← .025 | .012 | .025 →



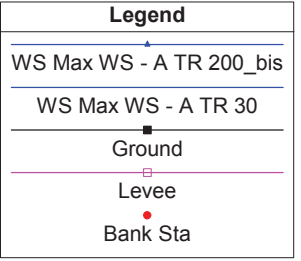
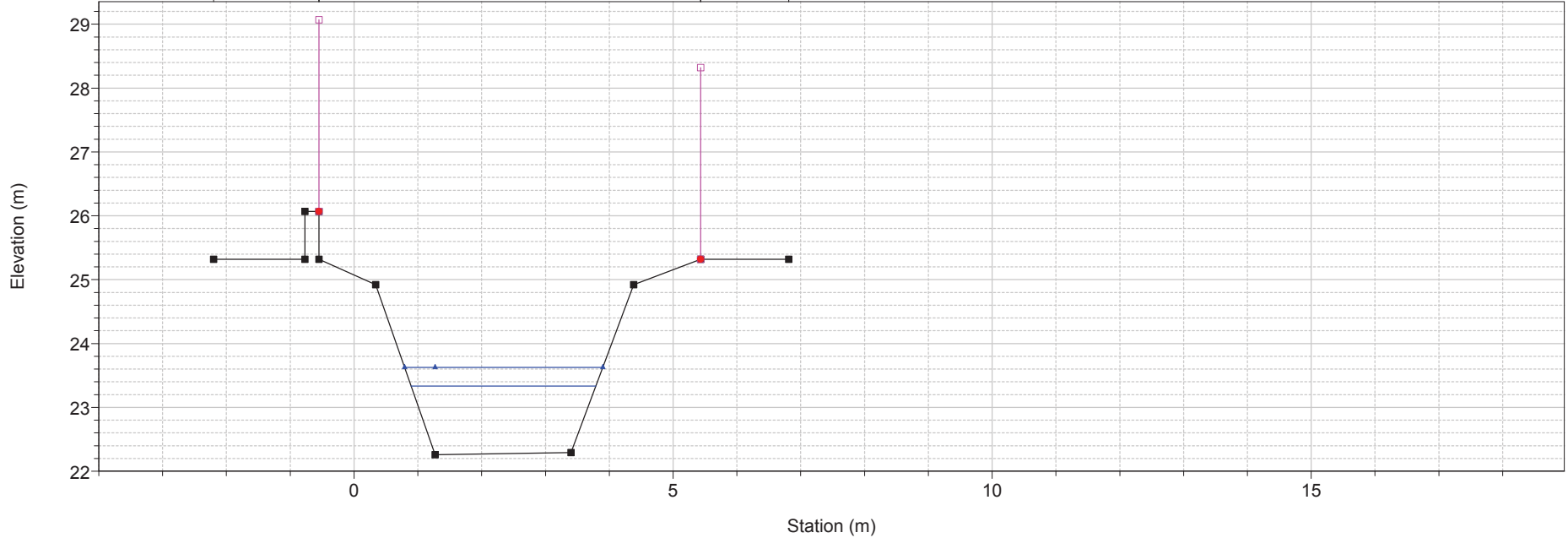
1) A TR 30 2) A TR 200_bis
 River = Botro_Cotone Reach = Cotone_valle1 RS = 16.99 Sez. 11

← .025 | | .012 | | .025 →



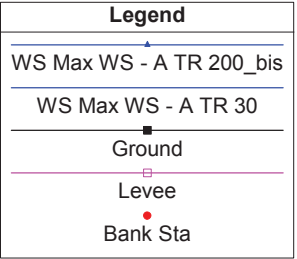
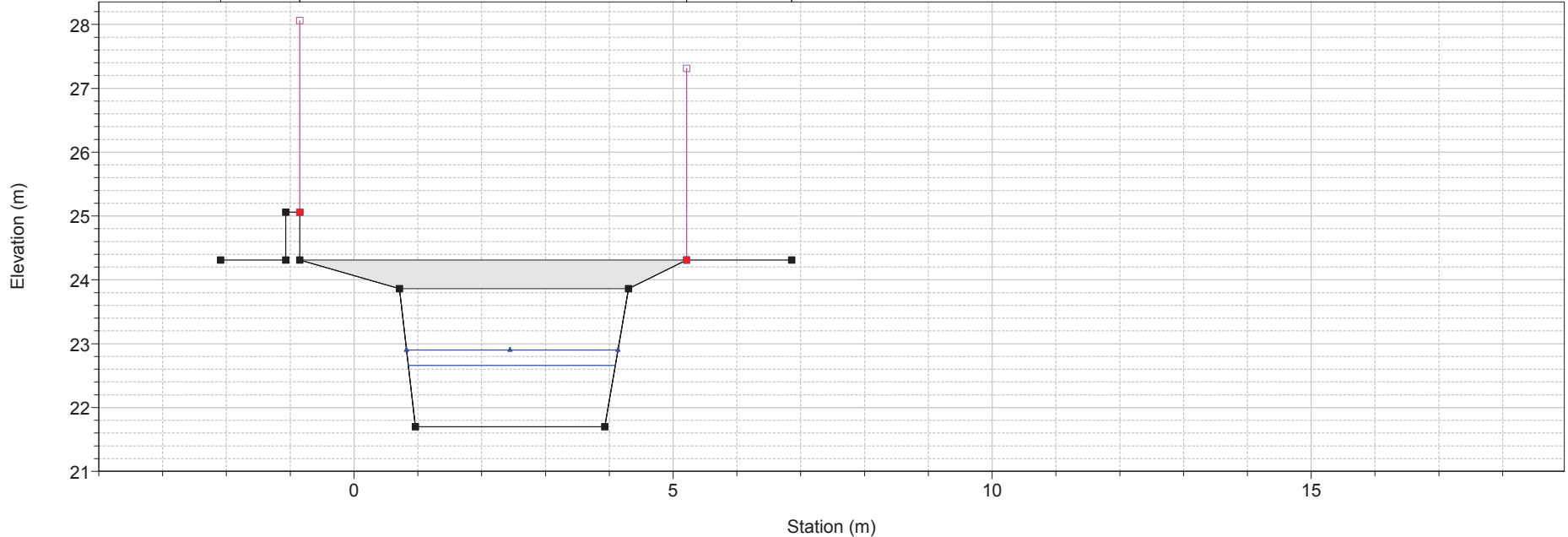
1) A TR 30 2) A TR 200_bis
 River = Botro_Cotone Reach = Cotone_valle1 RS = 16.9

← .025 | | .012 | | .025 →



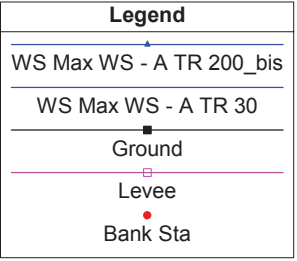
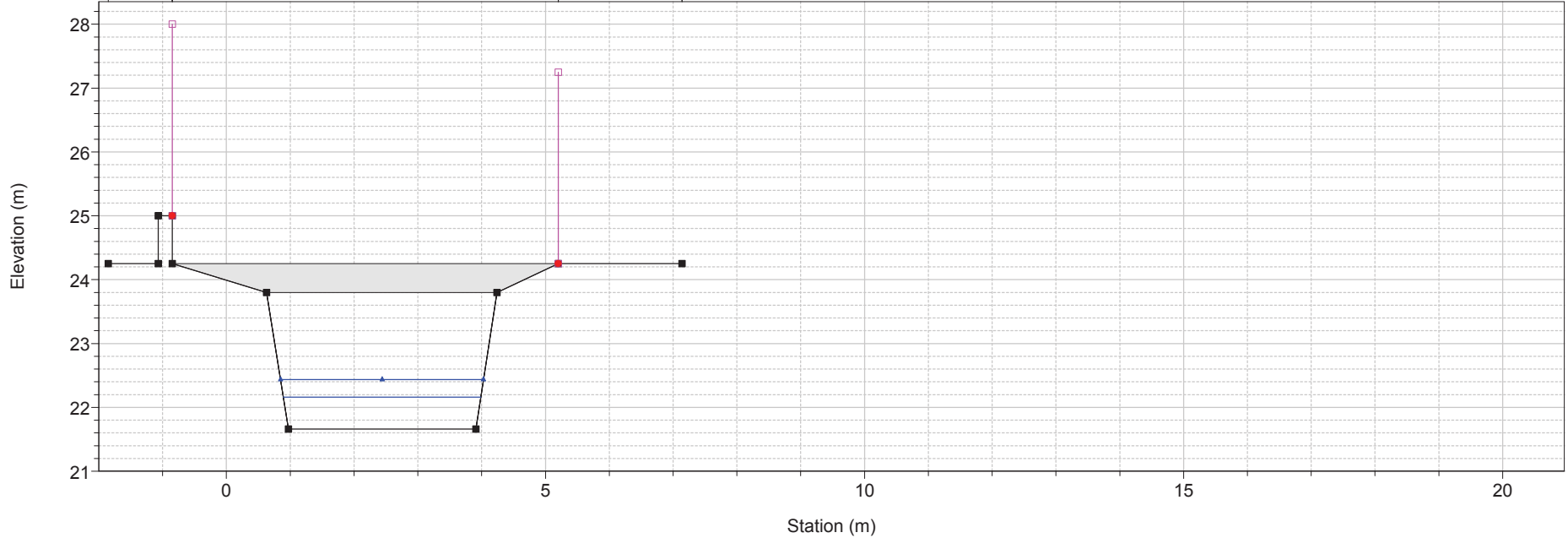
1) A TR 30 2) A TR 200_bis
 River = Botro_Cotone Reach = Cotone_valle1 RS = 16 Sez. 12

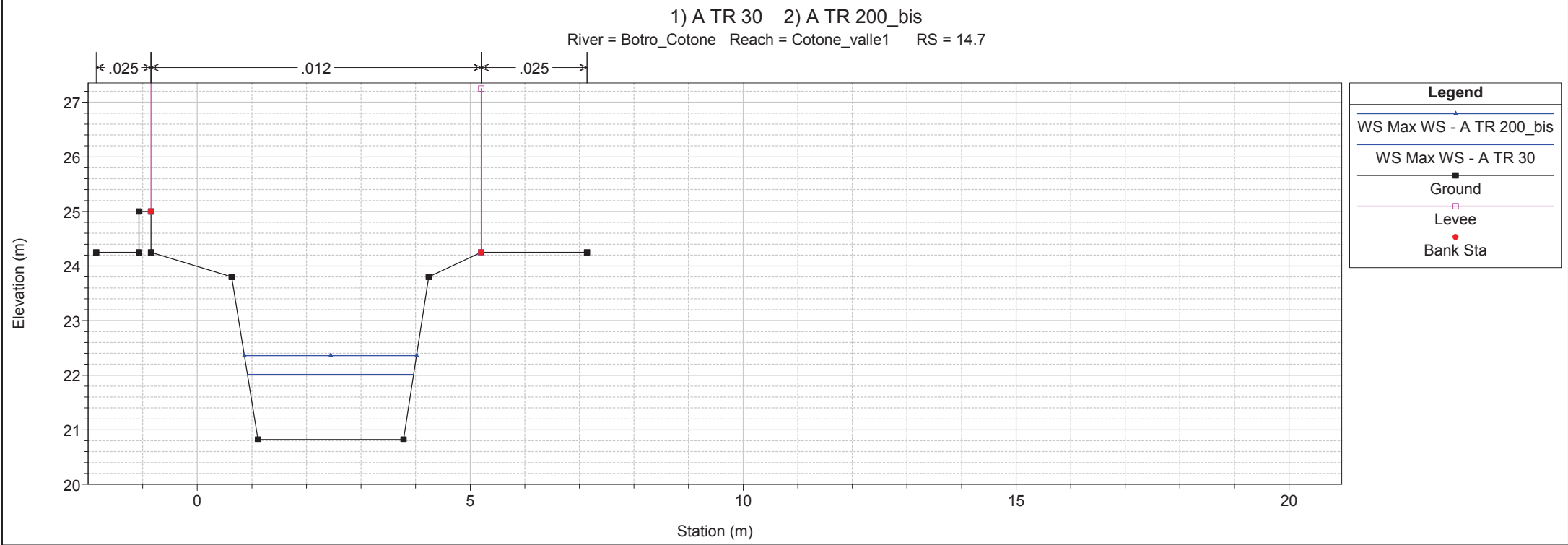
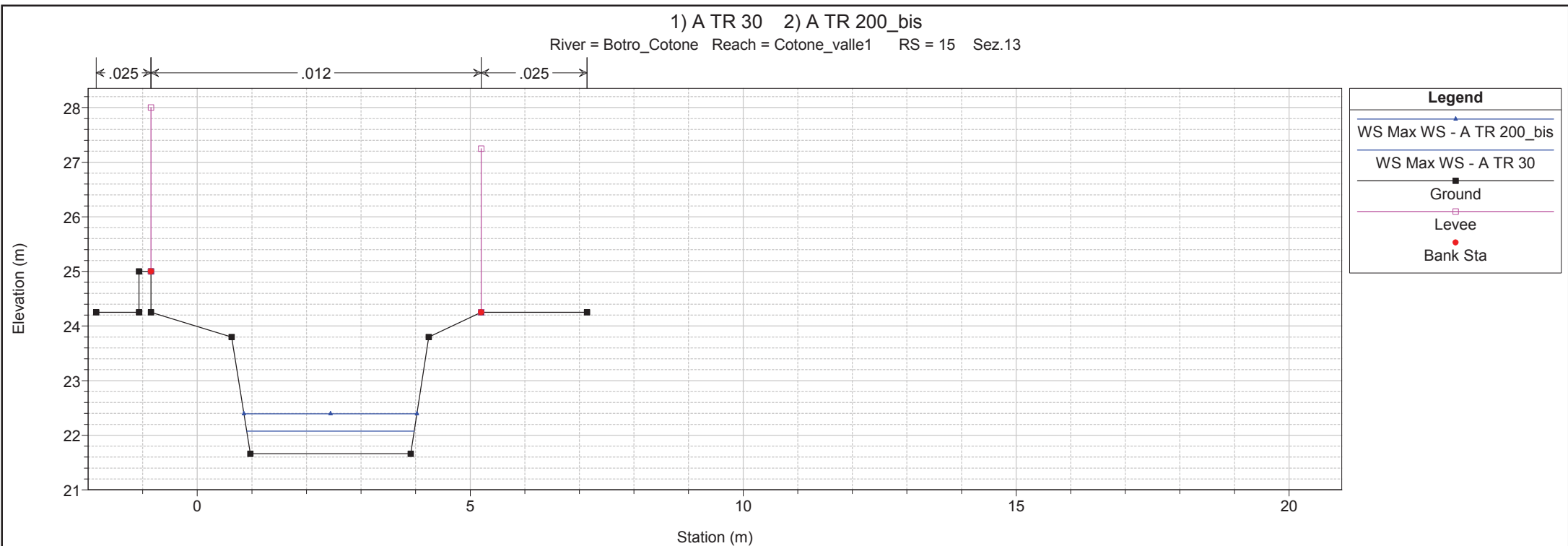
← .025 → .012 ← .025 →



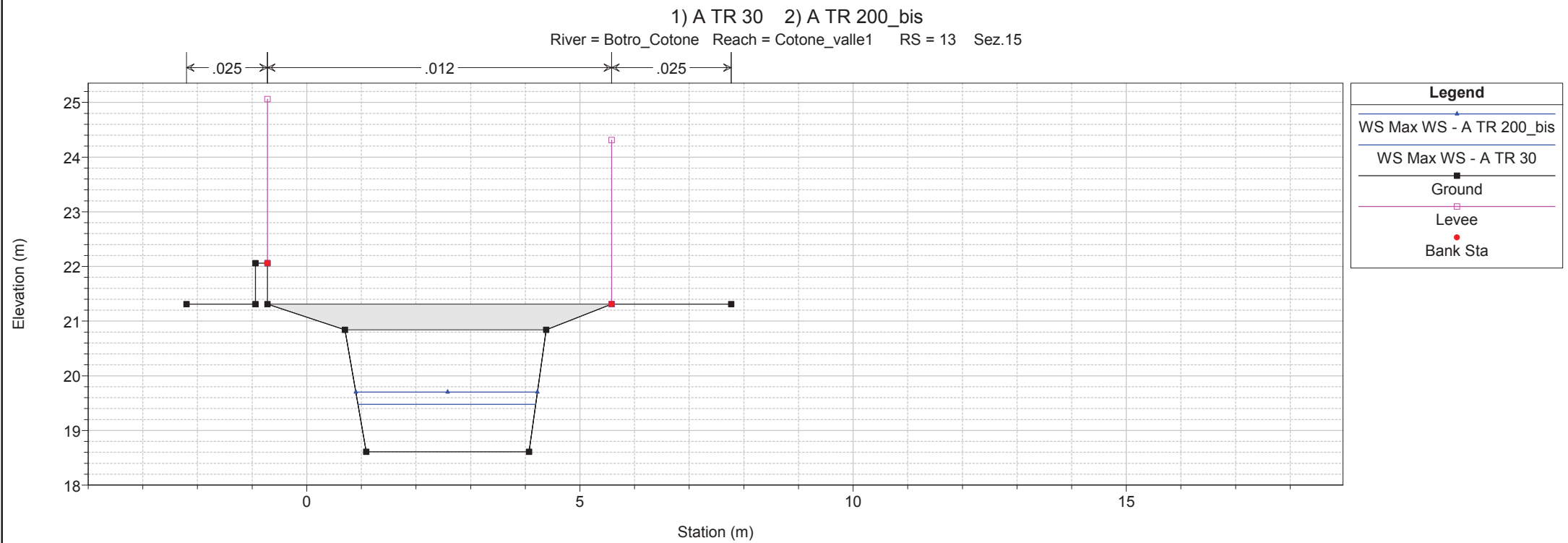
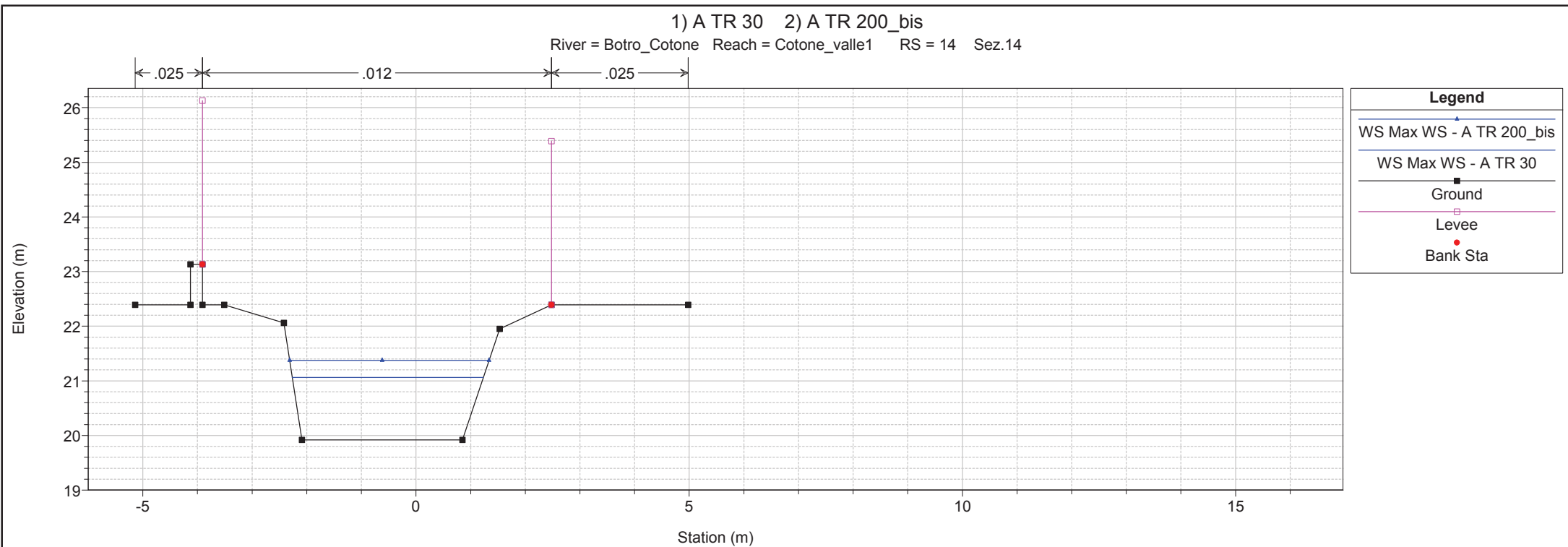
1) A TR 30 2) A TR 200_bis
 River = Botro_Cotone Reach = Cotone_valle1 RS = 15.1 Sez. 13

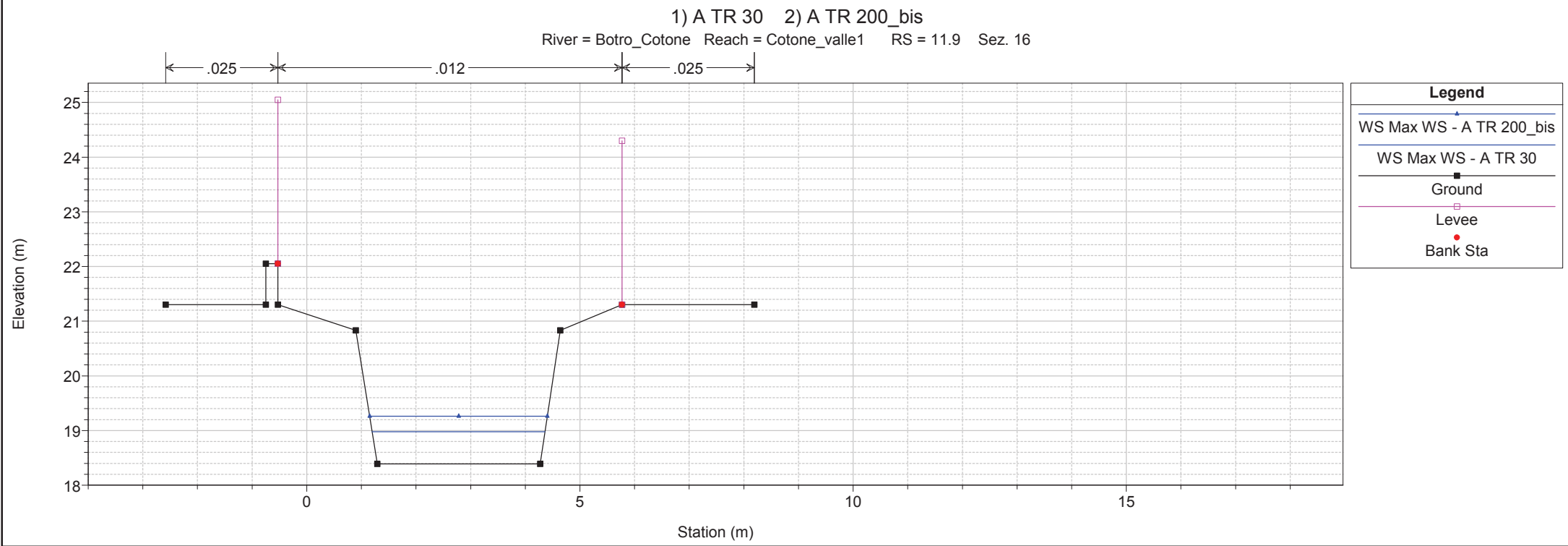
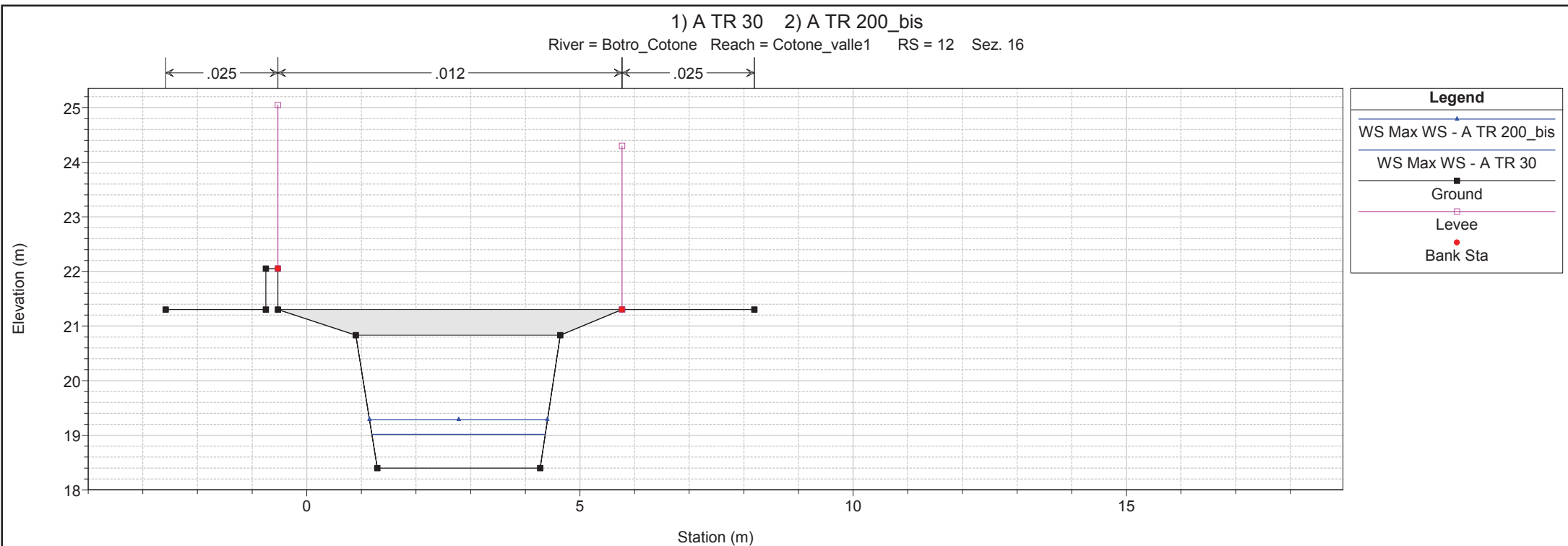
← .025 → .012 ← .025 →



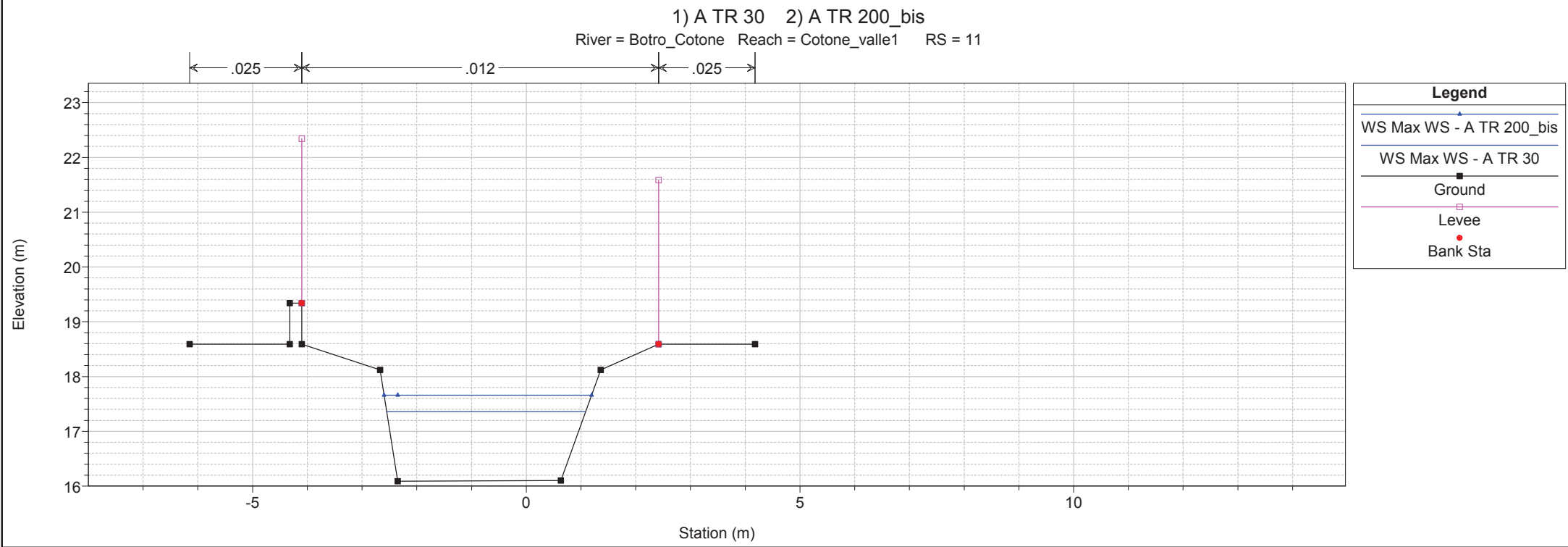
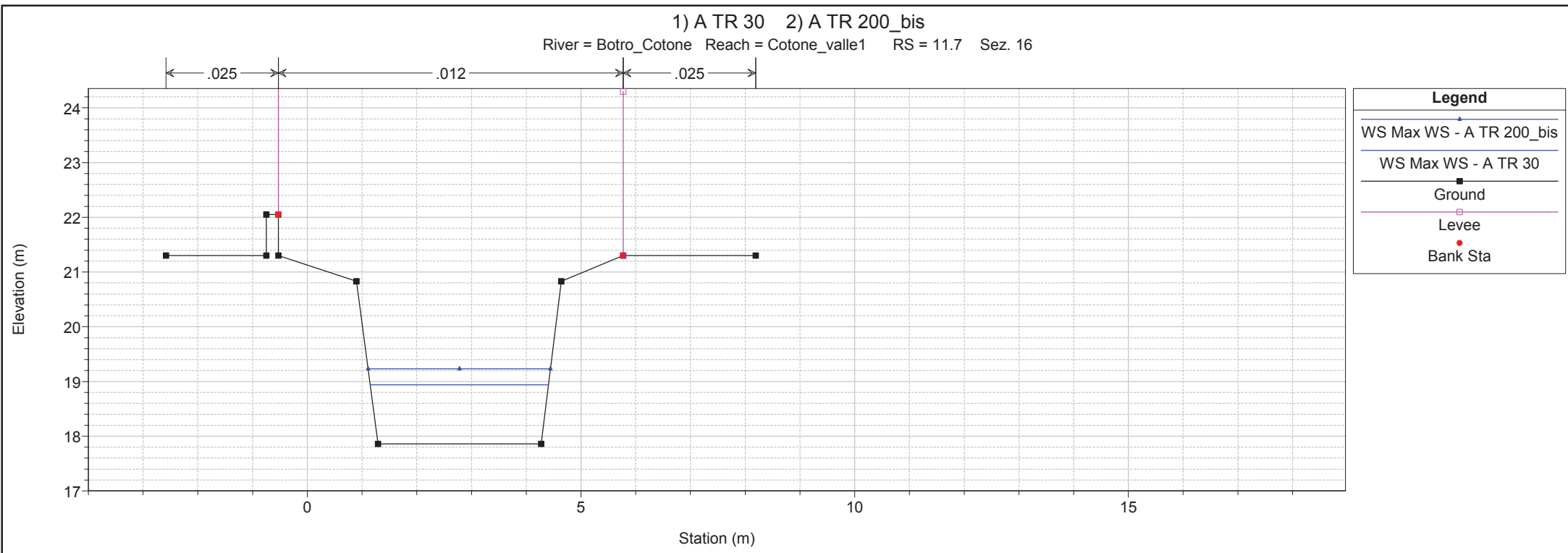


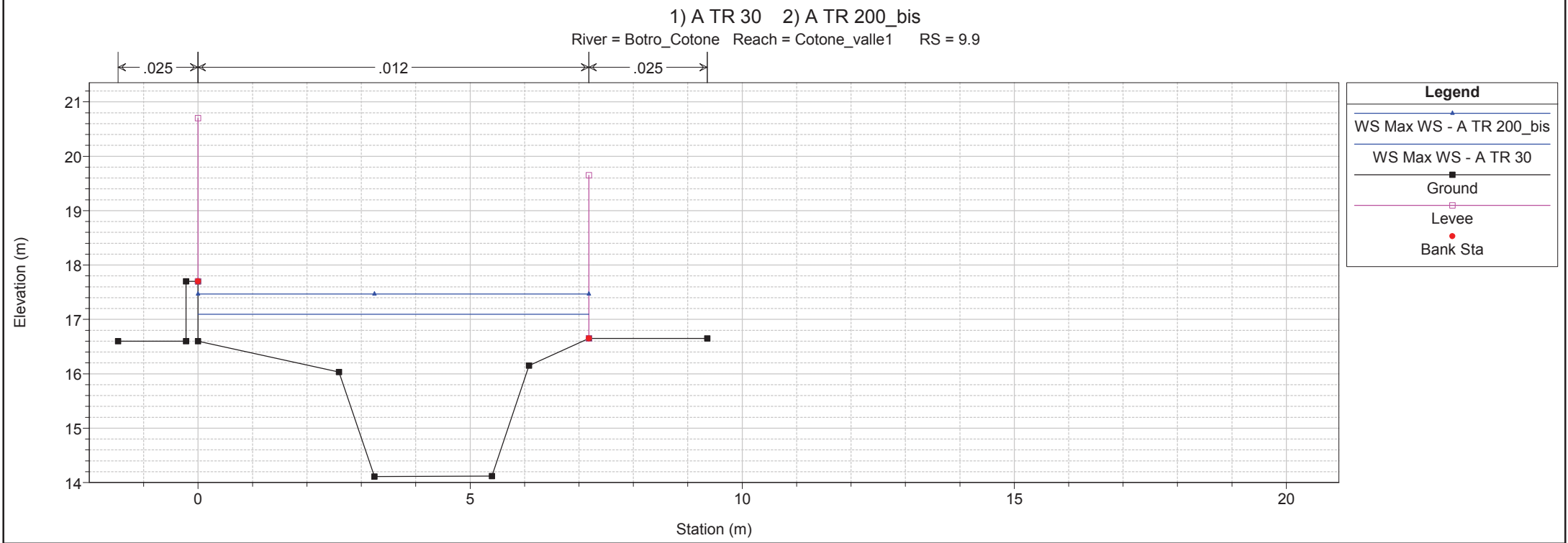
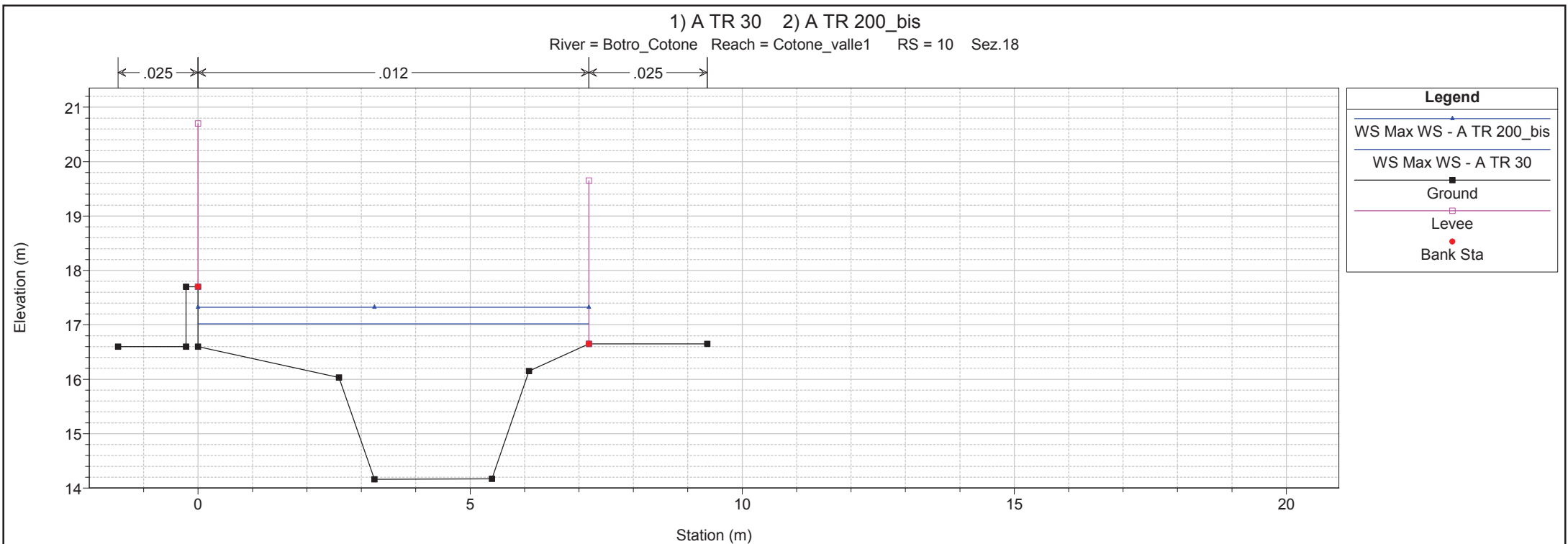
1 cm Horiz. = 1 m 1 cm Vert. = 1 m



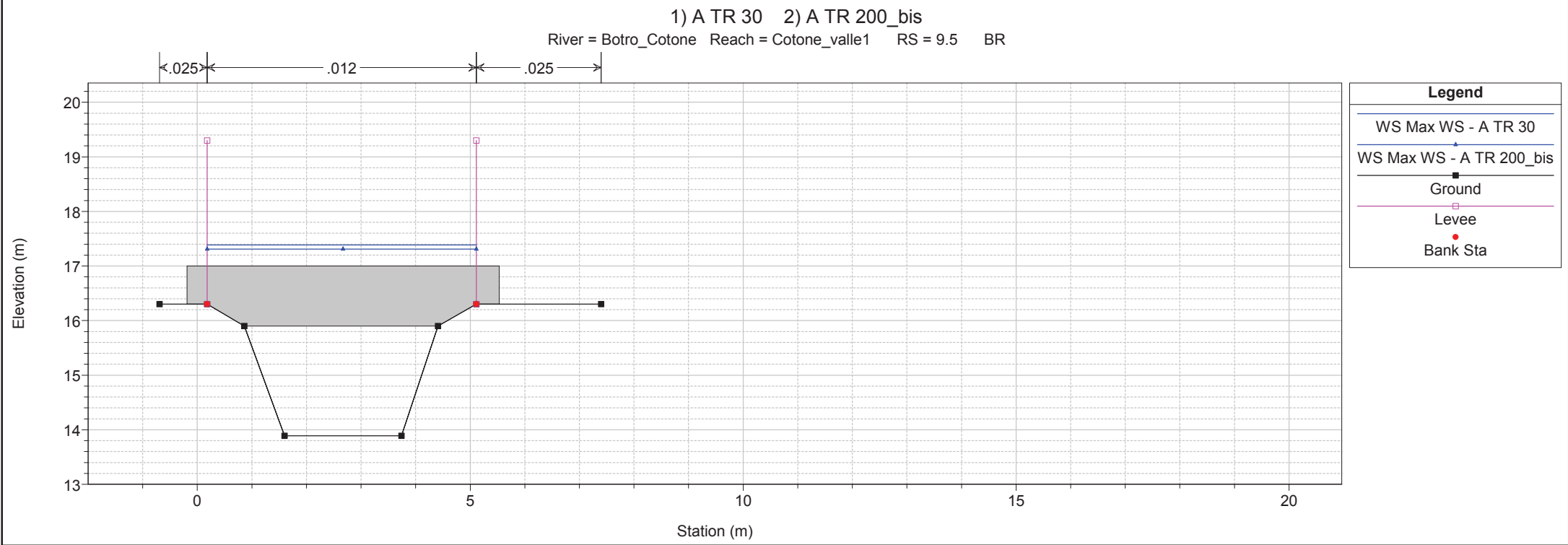
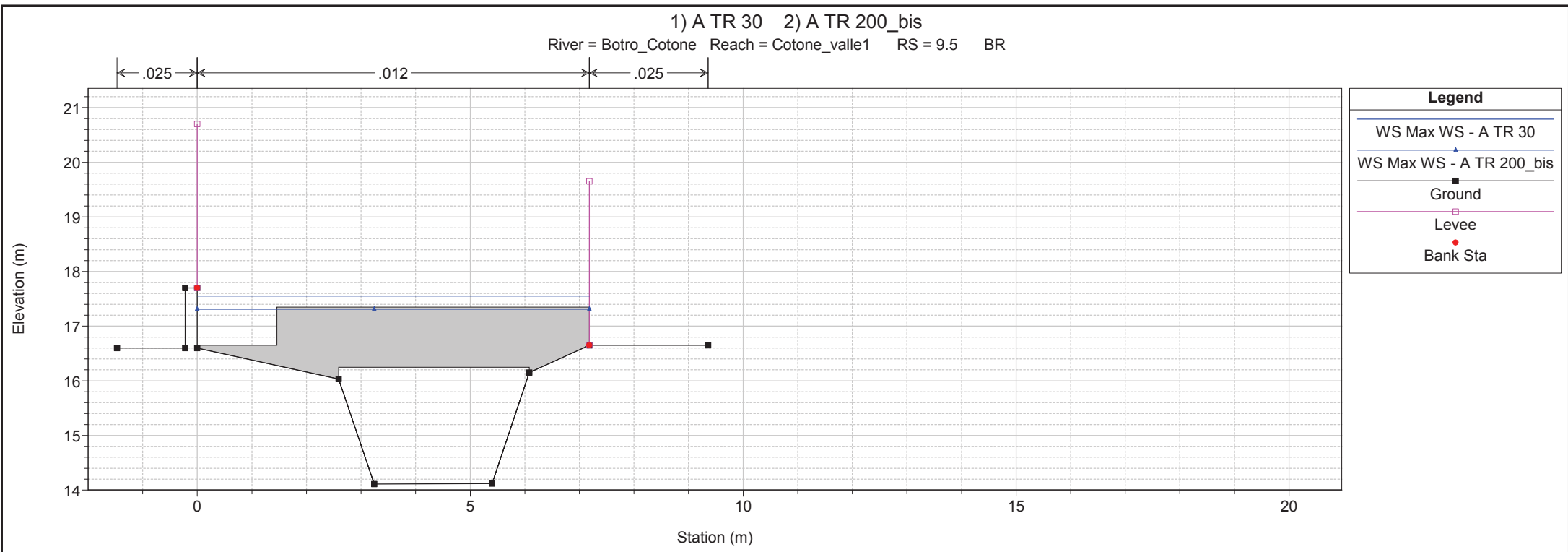


1 cm Horiz. = 1 m 1 cm Vert. = 1 m





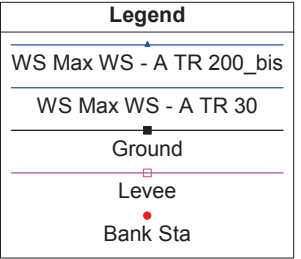
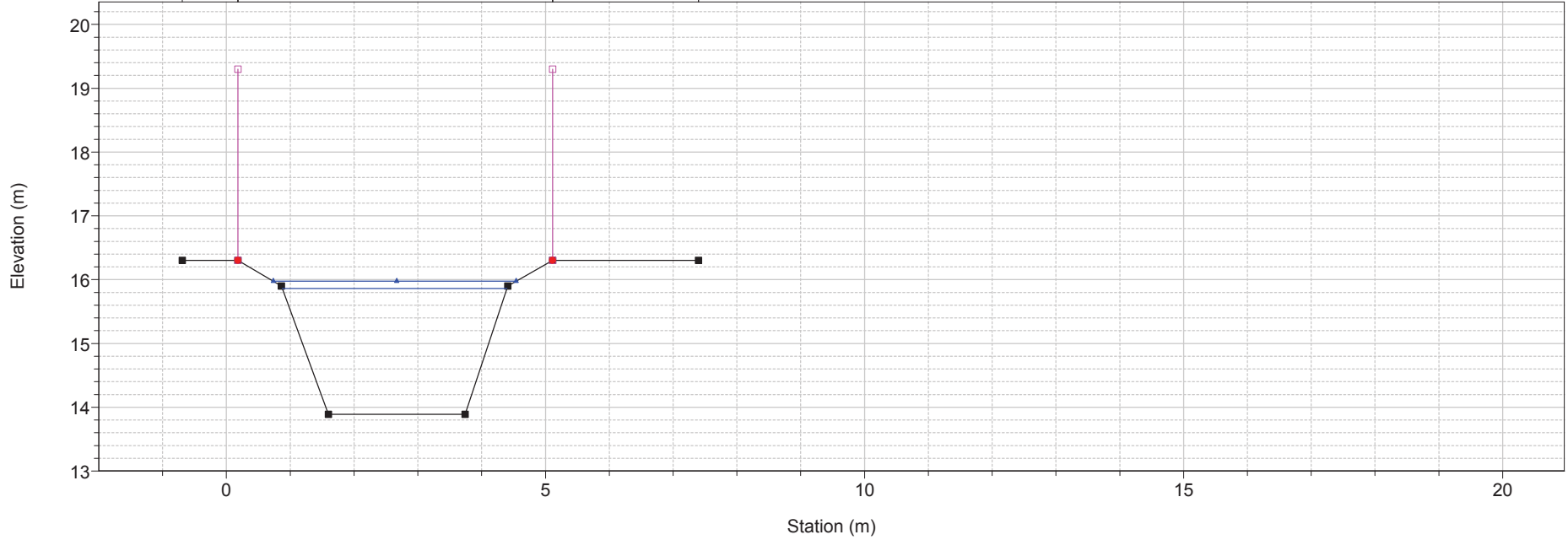
1 cm Horiz. = 1 m 1 cm Vert. = 1 m



1 cm Horiz. = 1 m 1 cm Vert. = 1 m

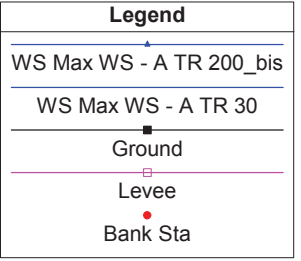
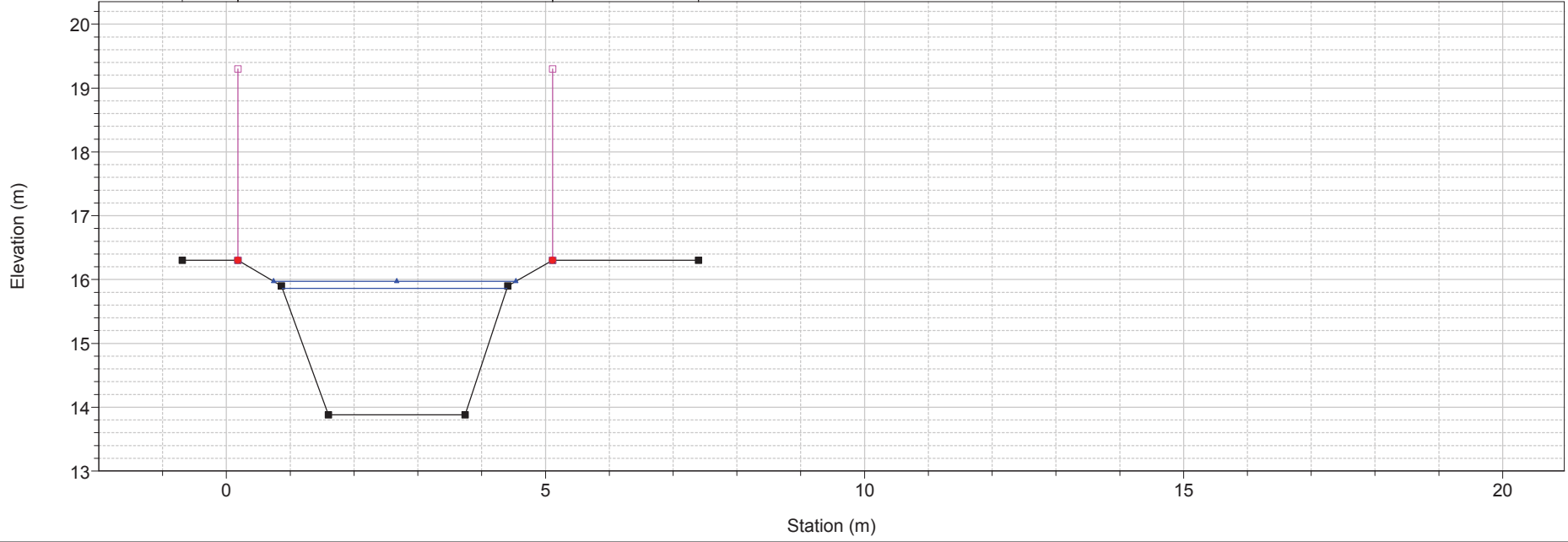
1) A TR 30 2) A TR 200_bis
River = Botro_Cotone Reach = Cotone_valle1 RS = 9.1

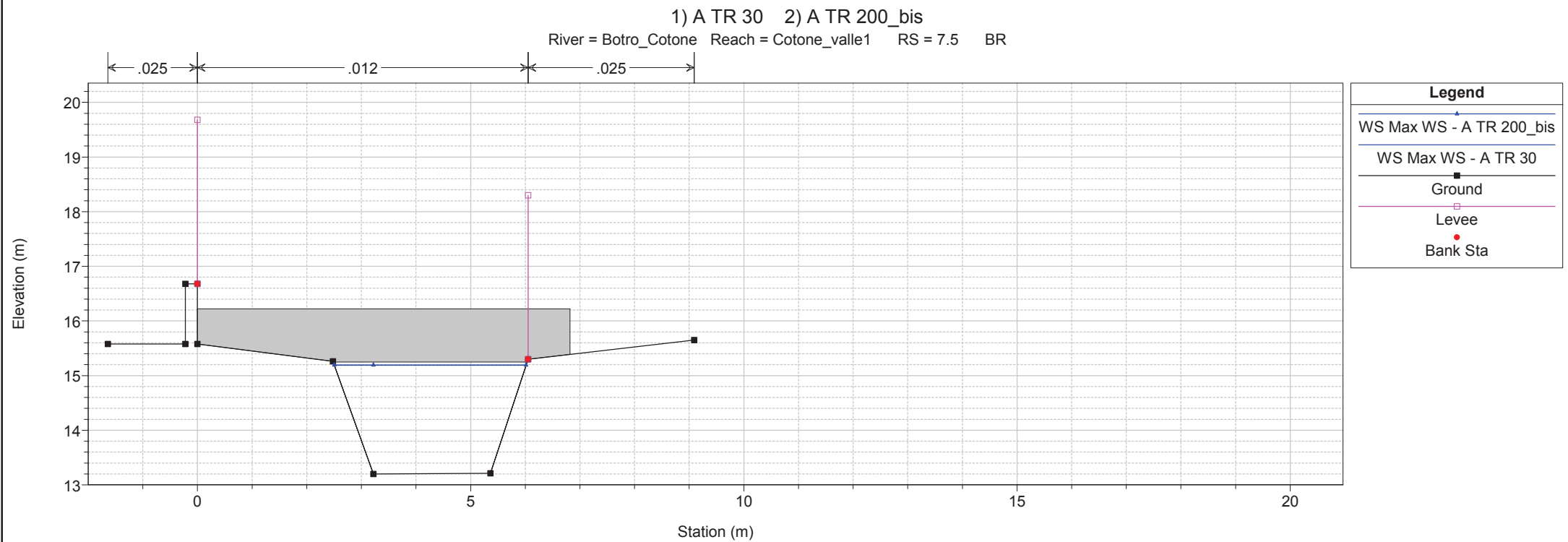
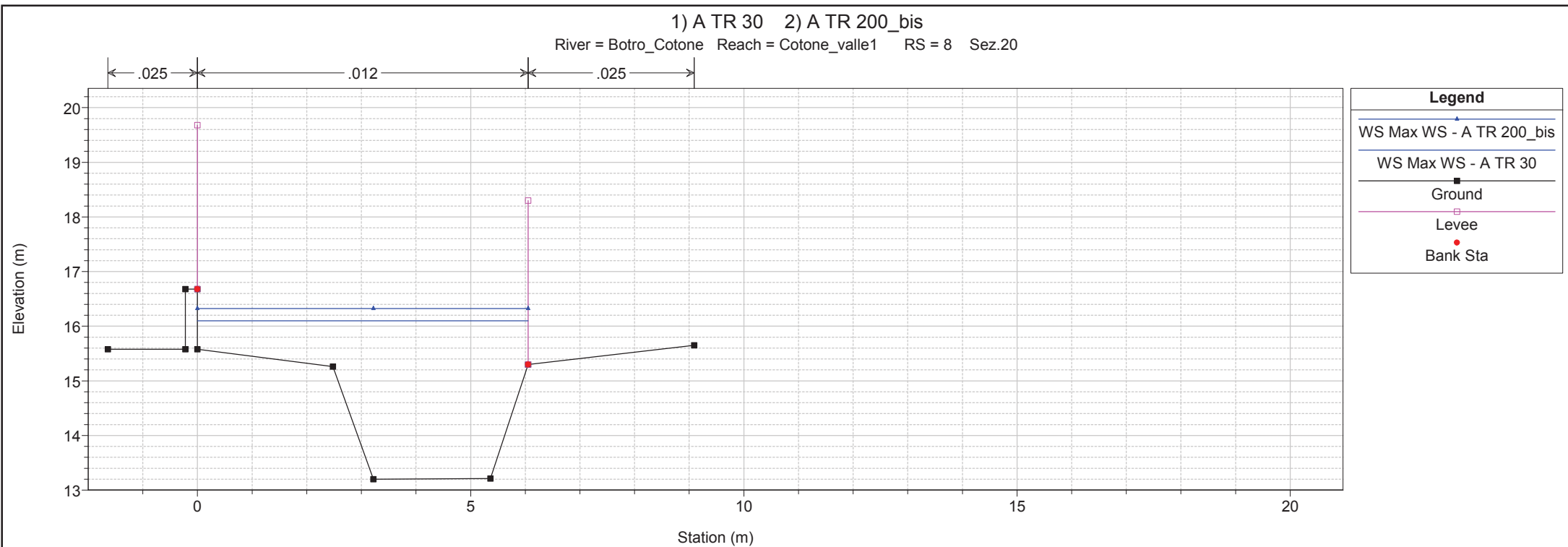
<.025> .012 >.025>



1) A TR 30 2) A TR 200_bis
River = Botro_Cotone Reach = Cotone_valle1 RS = 9 Sez.19

<.025> .012 >.025>

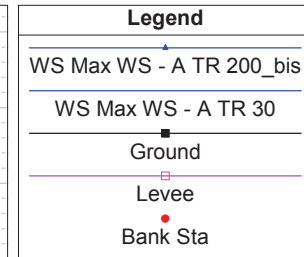
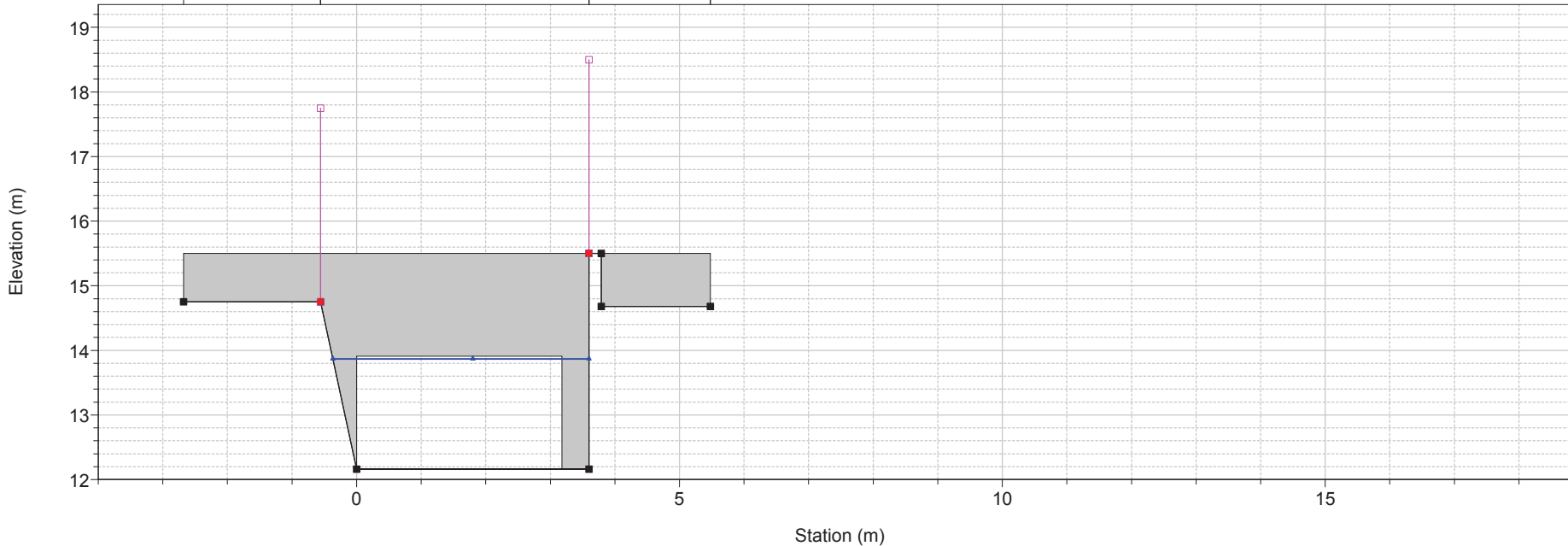




1 cm Horiz. = 1 m 1 cm Vert. = 1 m

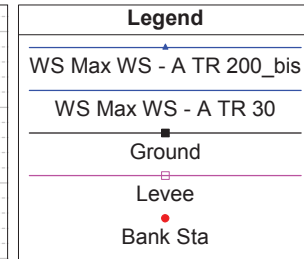
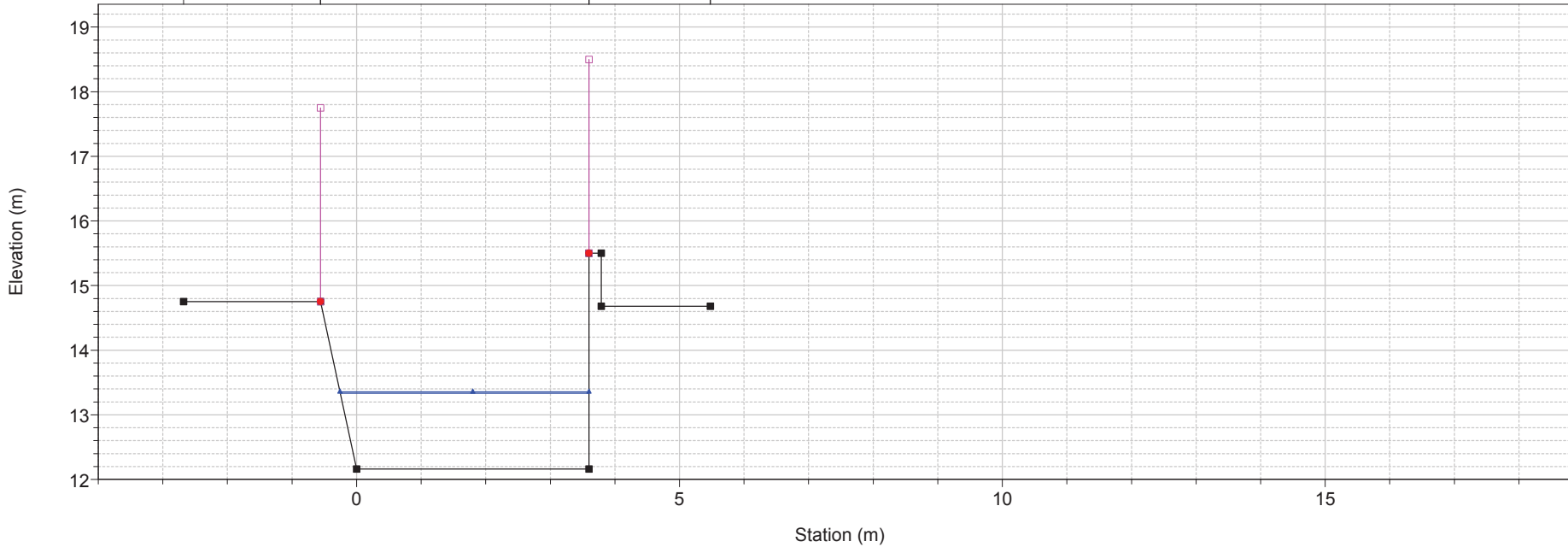
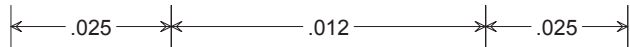
1) A TR 30 2) A TR 200_bis

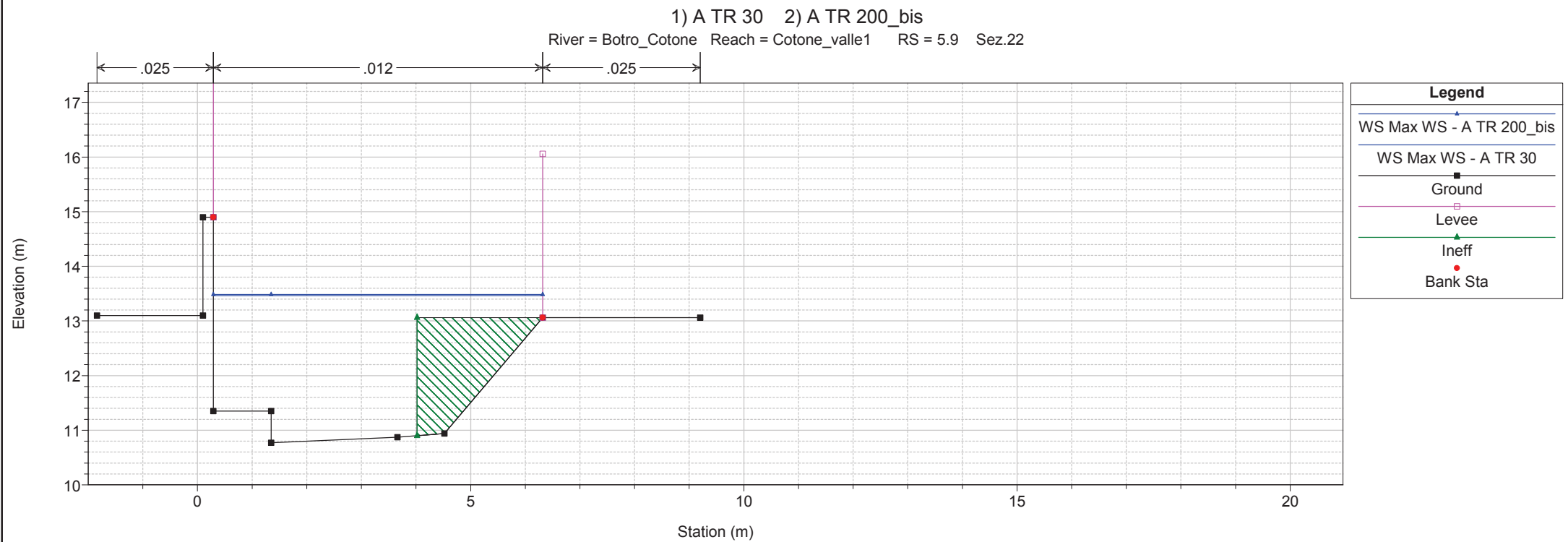
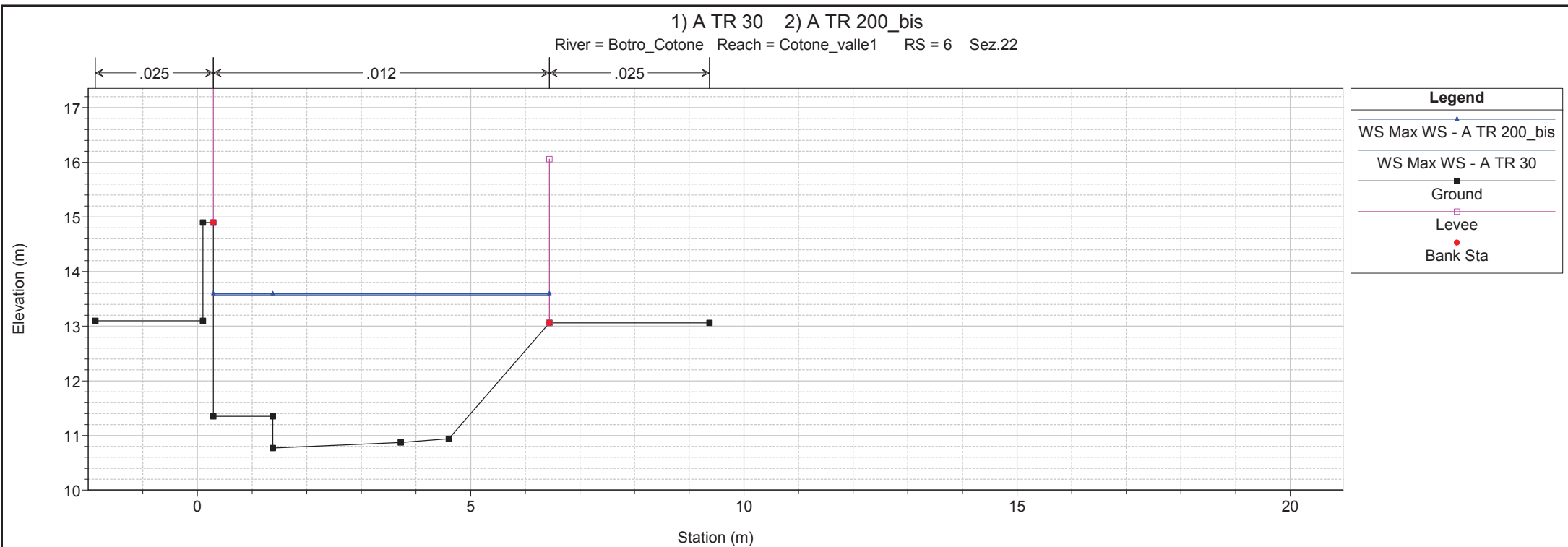
River = Botro_Cotone Reach = Cotone_valle1 RS = 7.5 BR

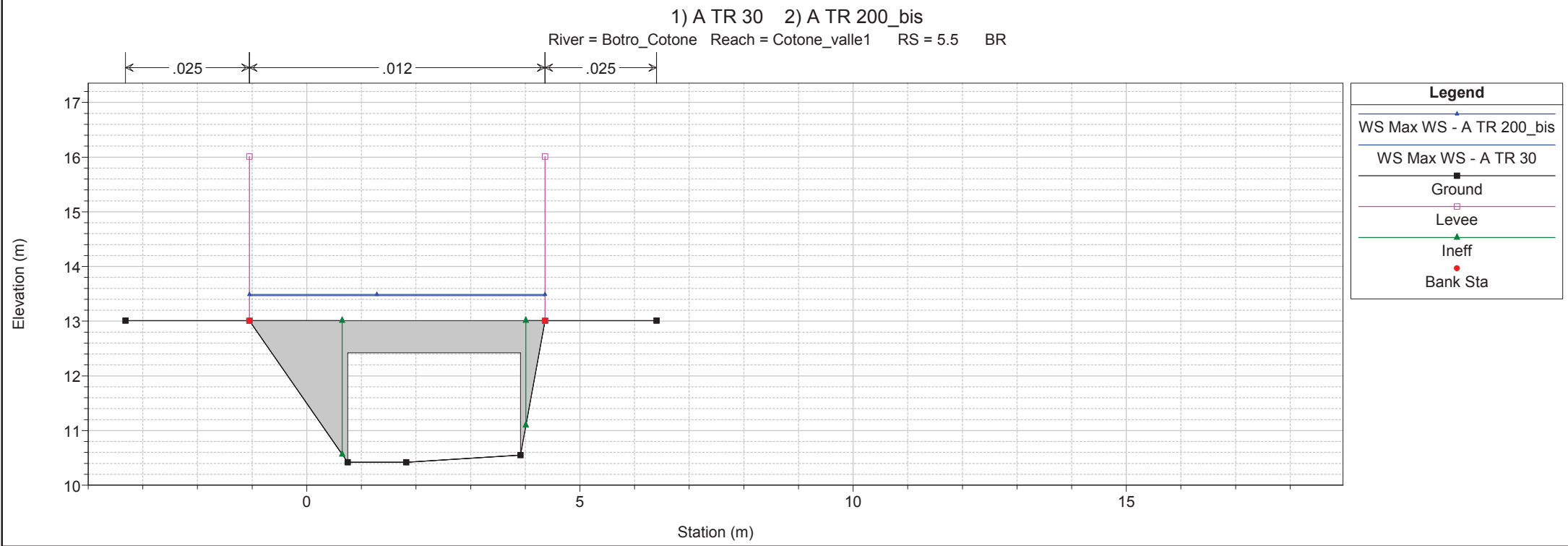
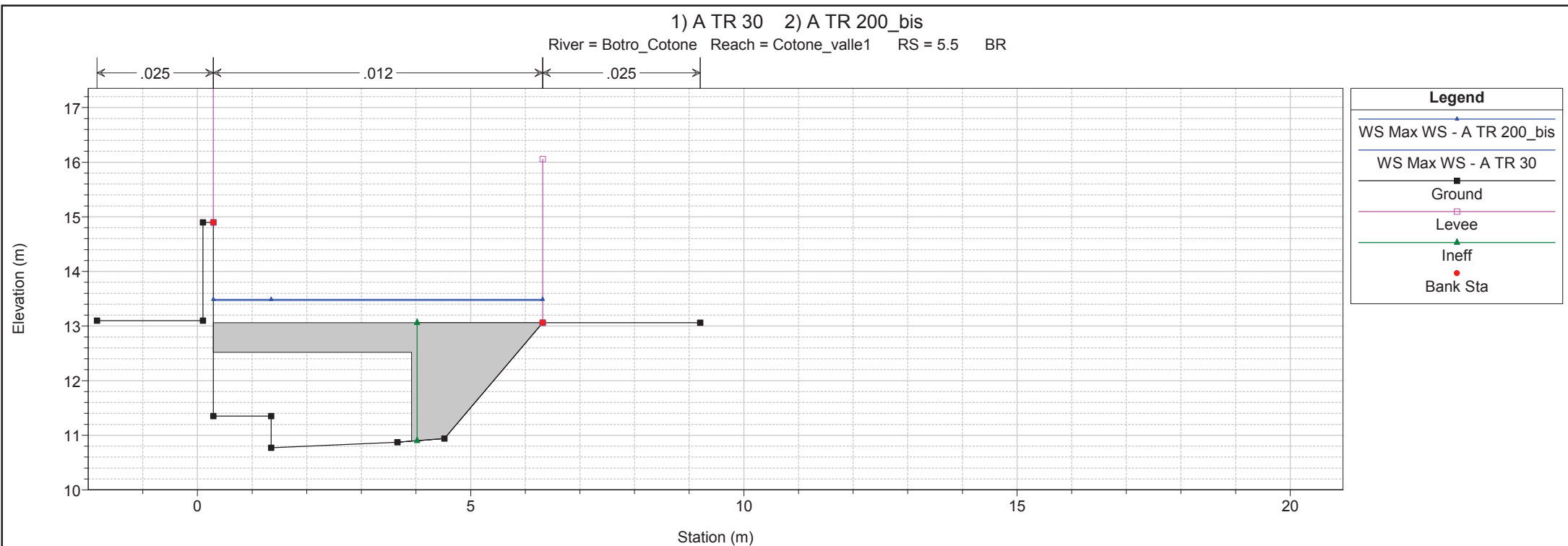


1) A TR 30 2) A TR 200_bis

River = Botro_Cotone Reach = Cotone_valle1 RS = 7 Sez.21



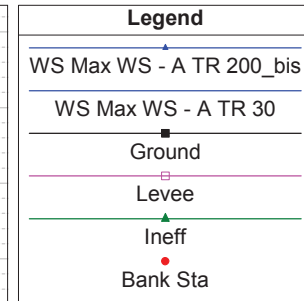
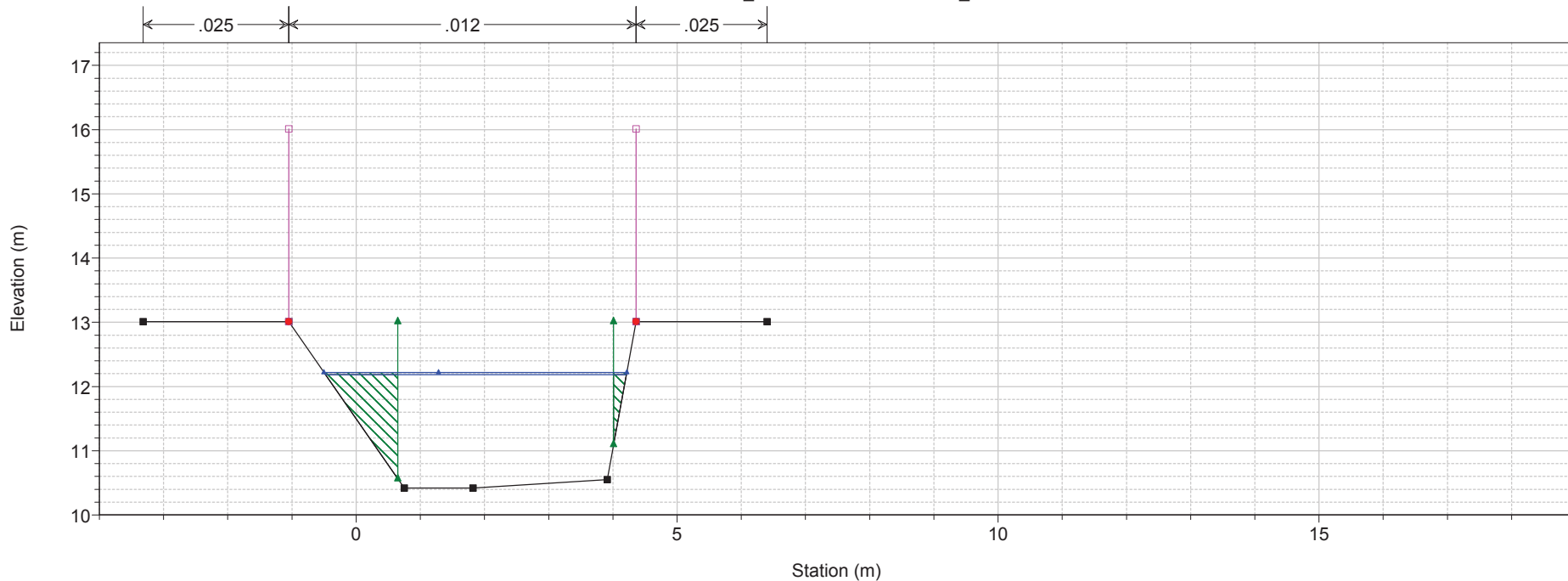




1 cm Horiz. = 1 m 1 cm Vert. = 1 m

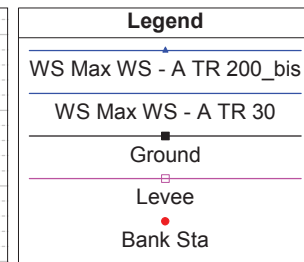
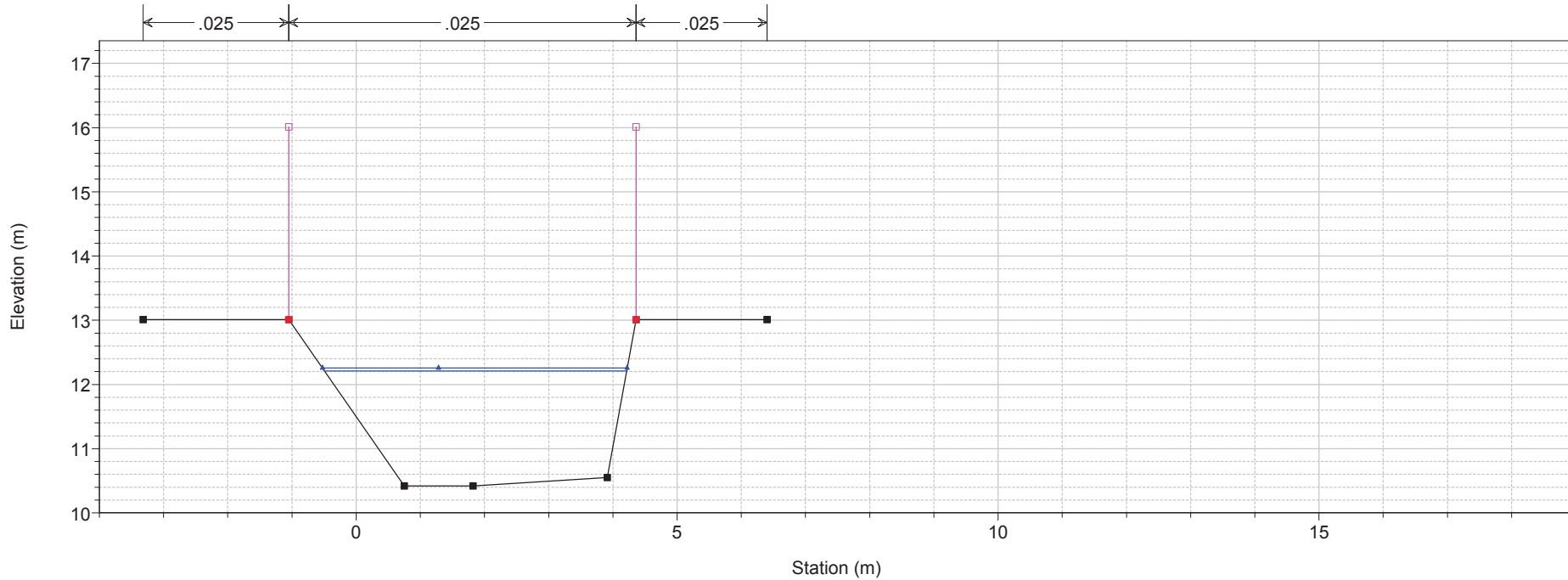
1) A TR 30 2) A TR 200_bis

River = Botro_Cotone Reach = Cotone_valle1 RS = 5.1 Sez. 23

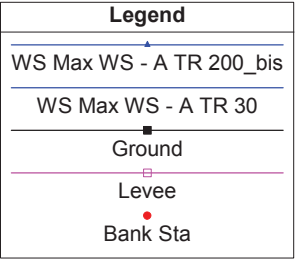
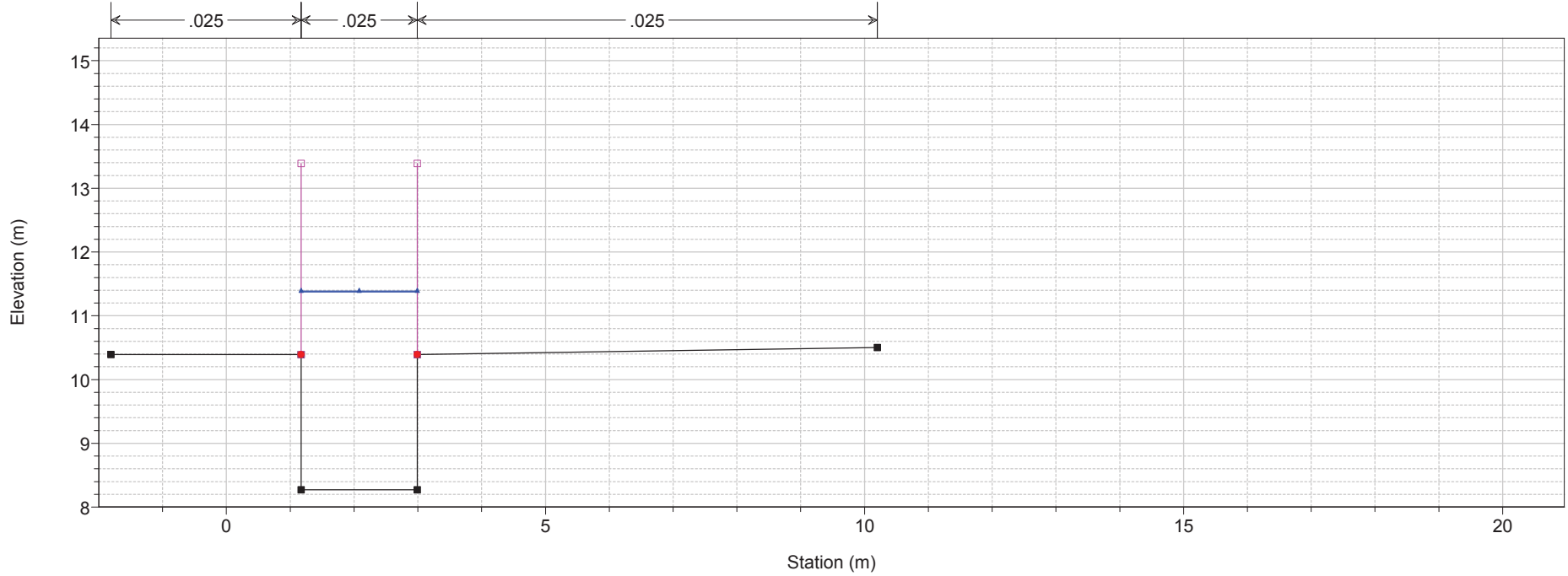


1) A TR 30 2) A TR 200_bis

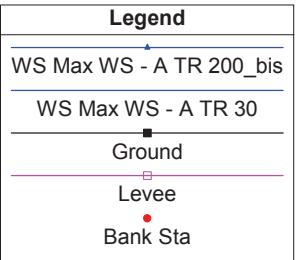
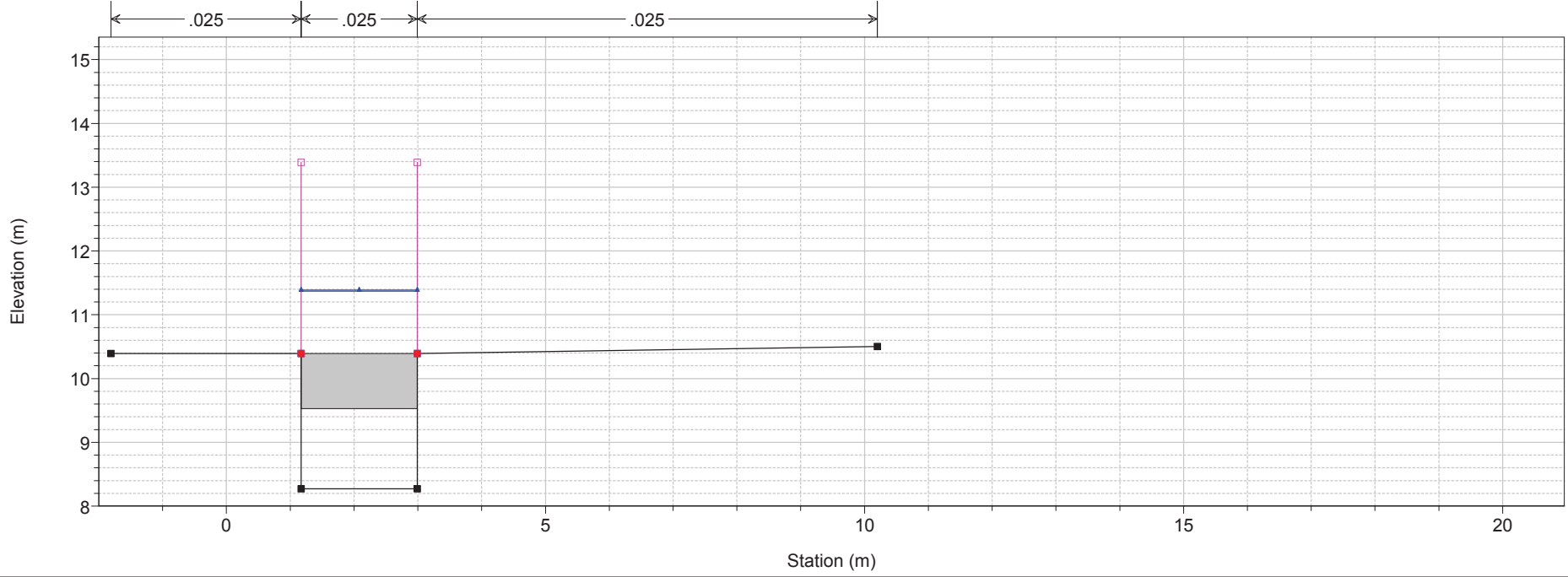
River = Botro_Cotone Reach = Cotone_valle1 RS = 5 Sez. 23



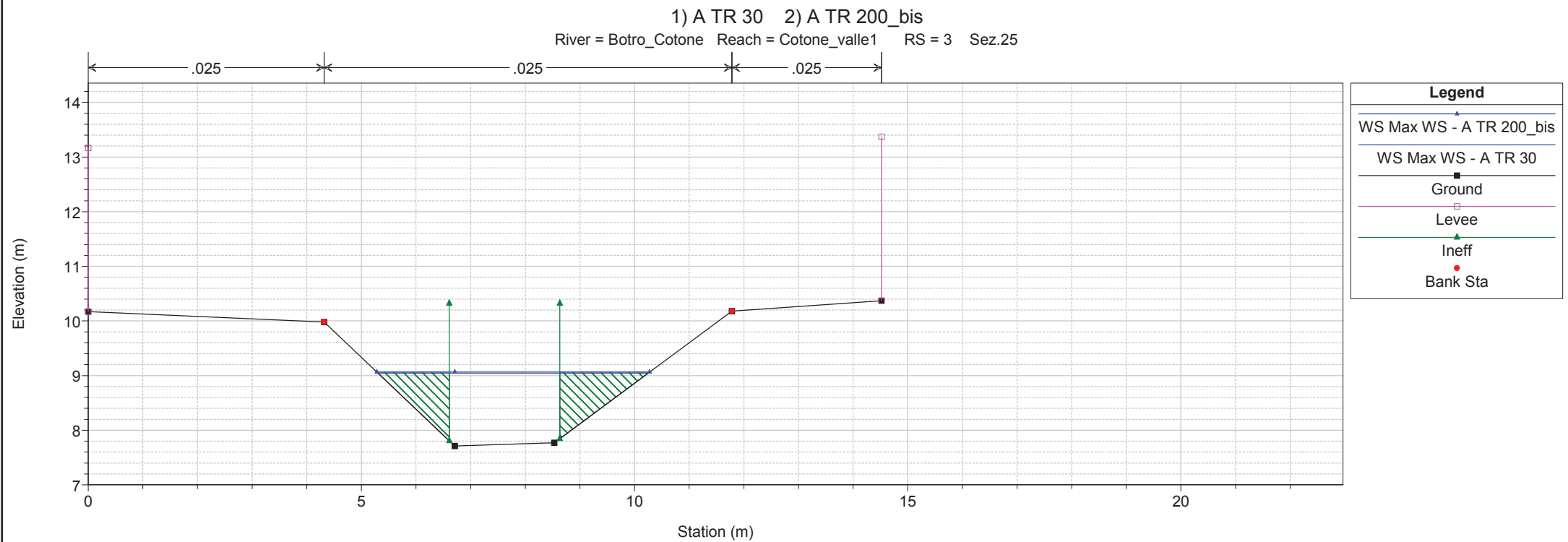
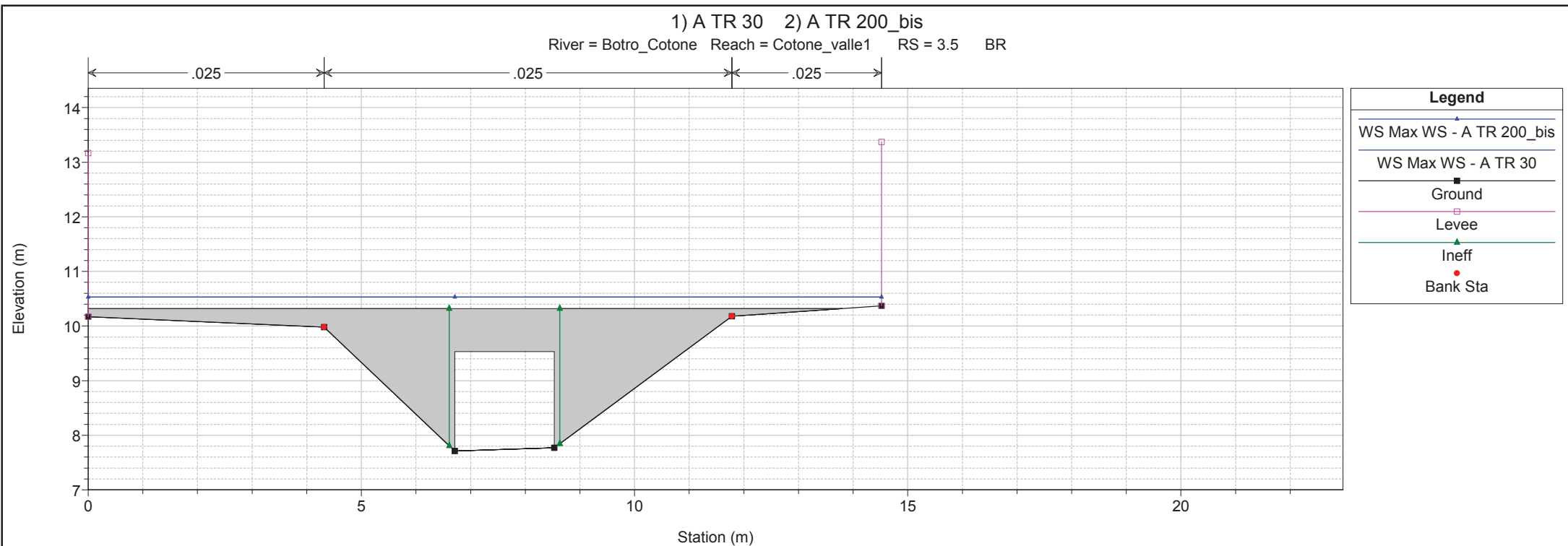
1) A TR 30 2) A TR 200_bis
 River = Botro_Cotone Reach = Cotone_valle1 RS = 4



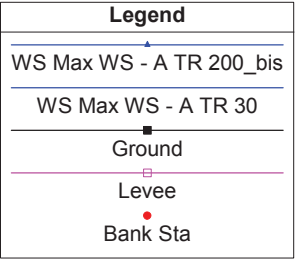
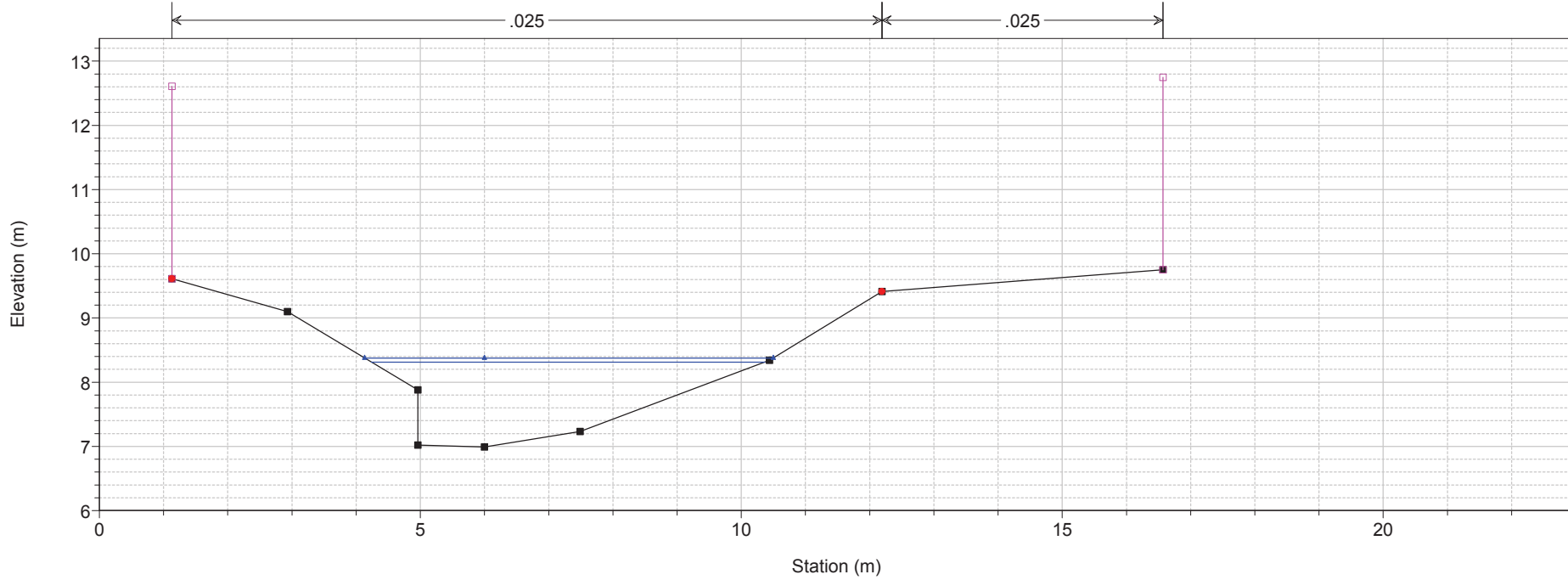
1) A TR 30 2) A TR 200_bis
 River = Botro_Cotone Reach = Cotone_valle1 RS = 3.5 BR



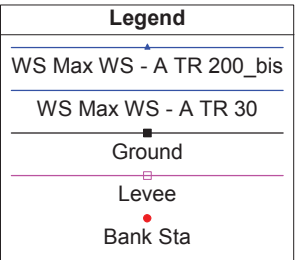
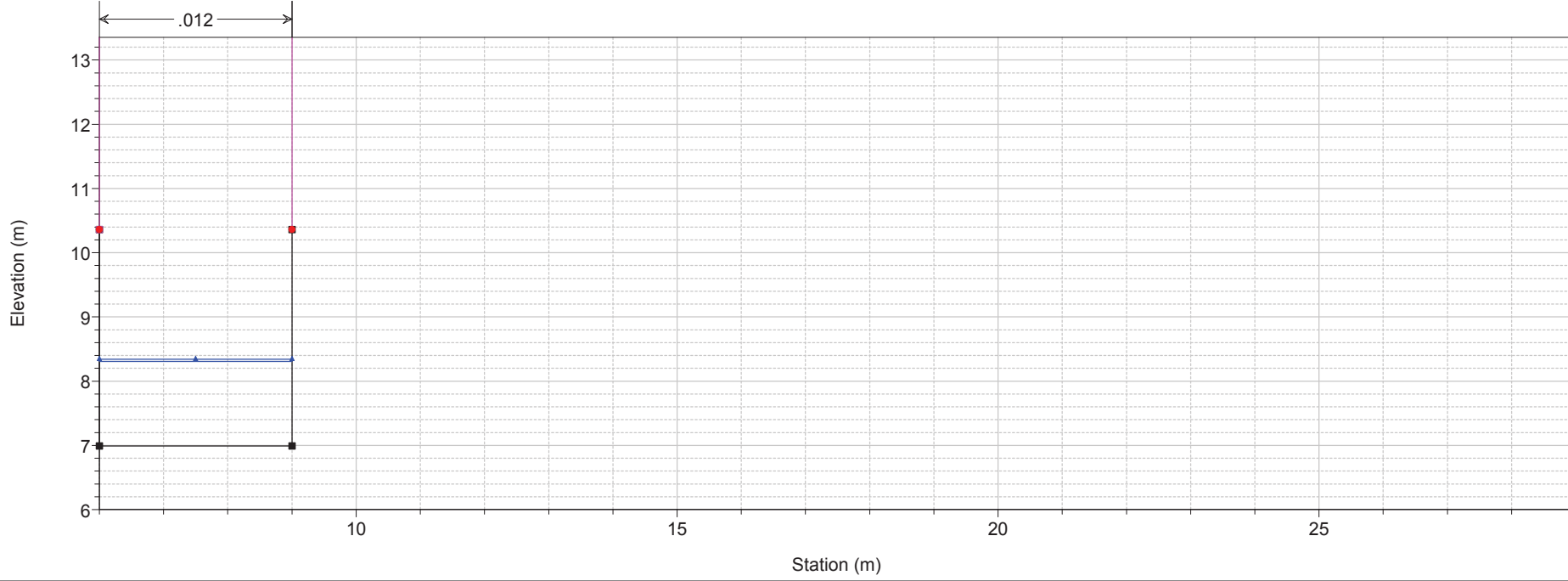
1 cm Horiz. = 1 m 1 cm Vert. = 1 m



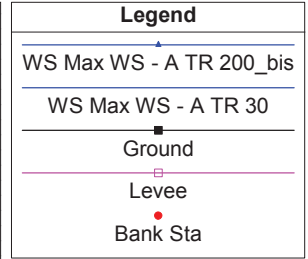
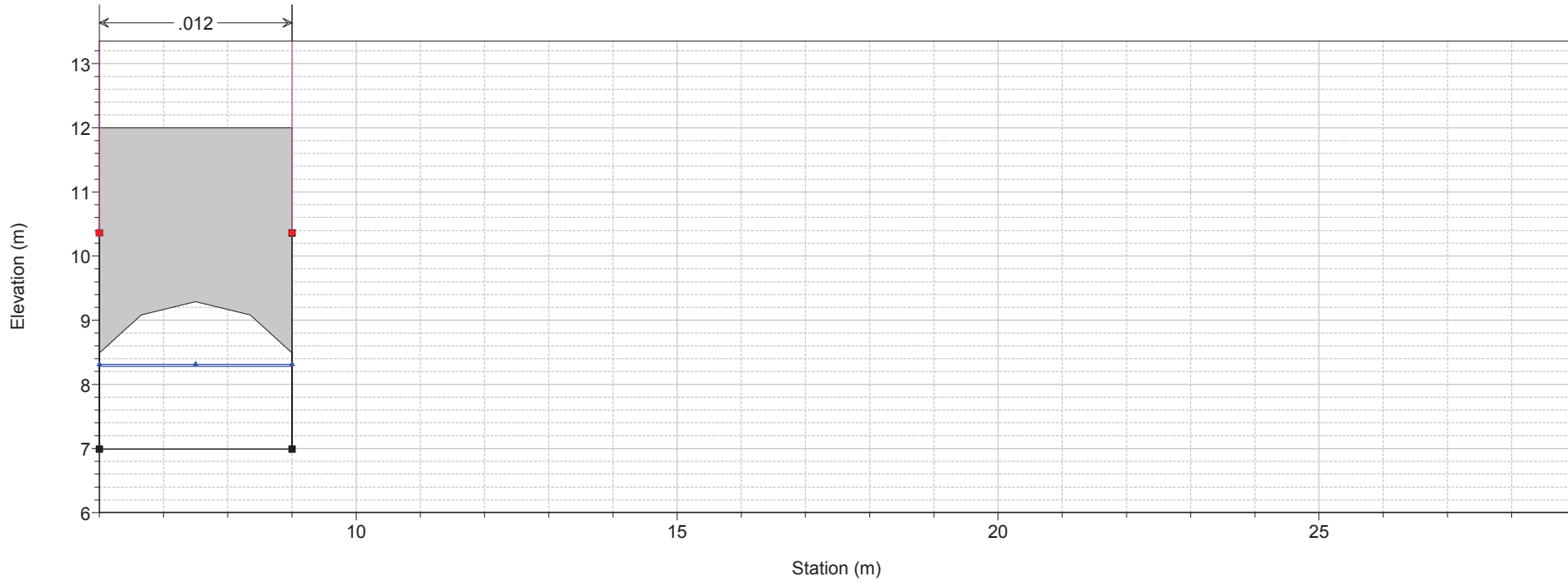
1) A TR 30 2) A TR 200_bis
 River = Botro_Cotone Reach = Cotone_valle1 RS = 2.1 Sez.26



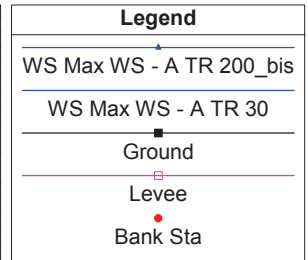
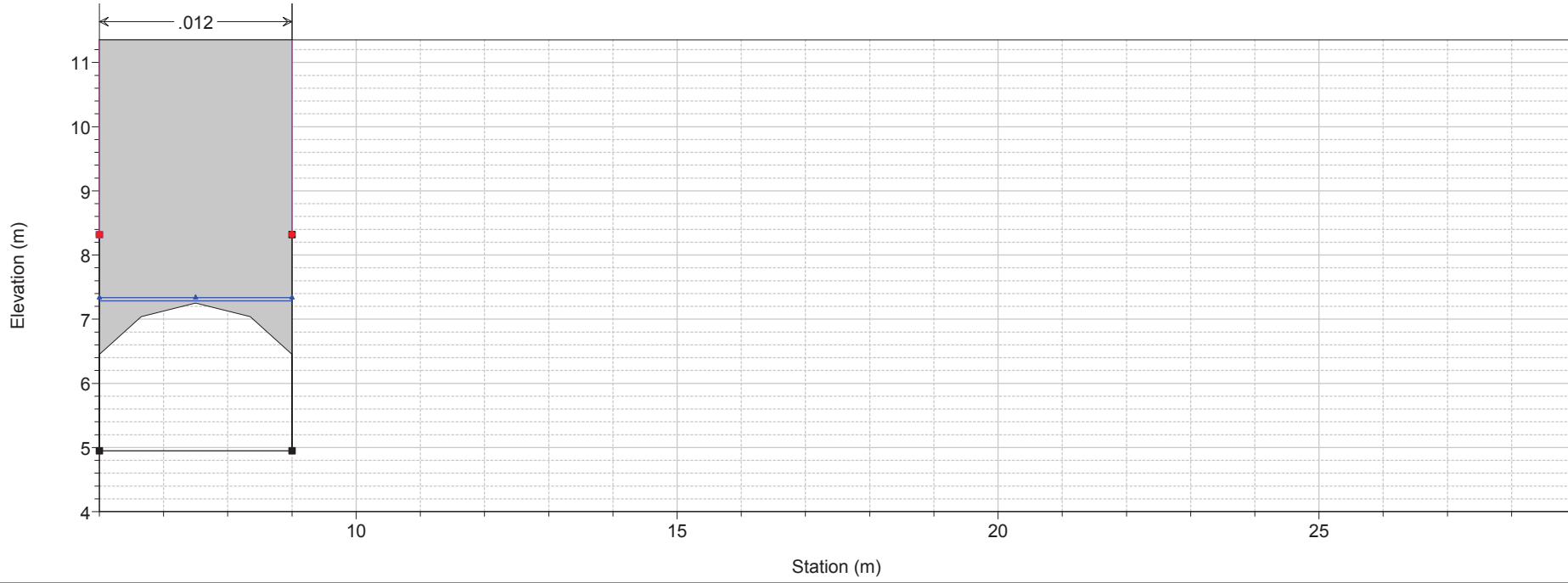
1) A TR 30 2) A TR 200_bis
 River = Botro_Cotone Reach = Cotone_valle1 RS = 2 Sez.26



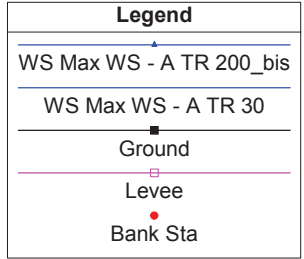
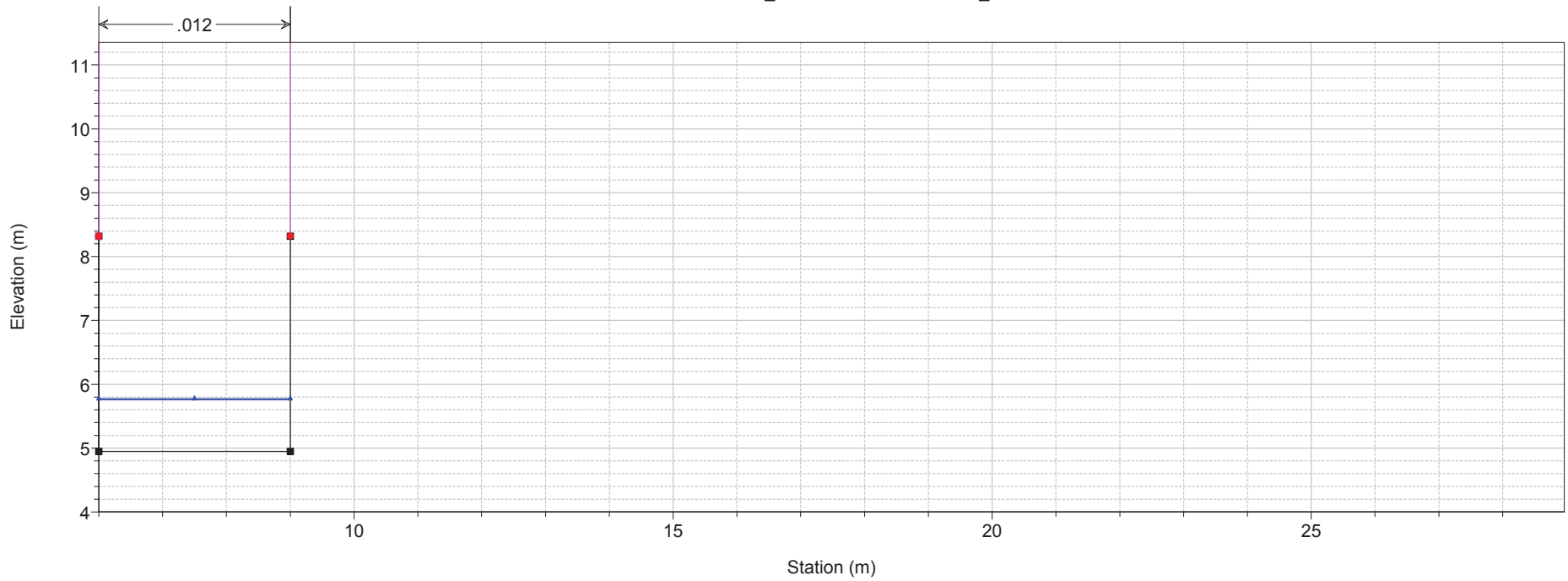
1) A TR 30 2) A TR 200_bis
River = Botro_Cotone Reach = Cotone_valle1 RS = 1.9 BR



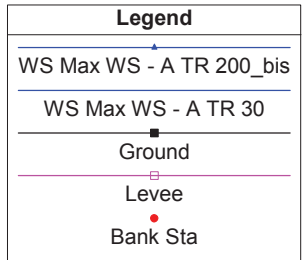
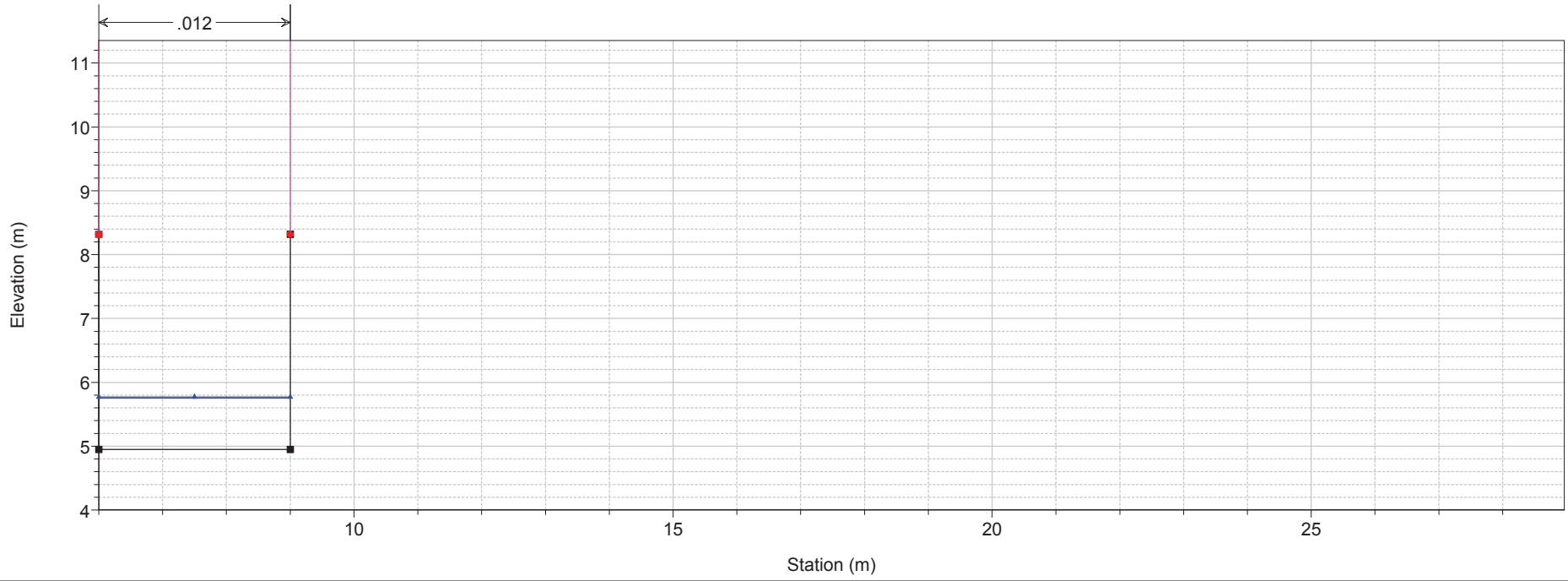
1) A TR 30 2) A TR 200_bis
River = Botro_Cotone Reach = Cotone_valle1 RS = 1.9 BR



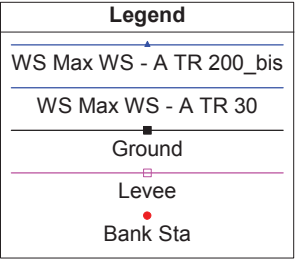
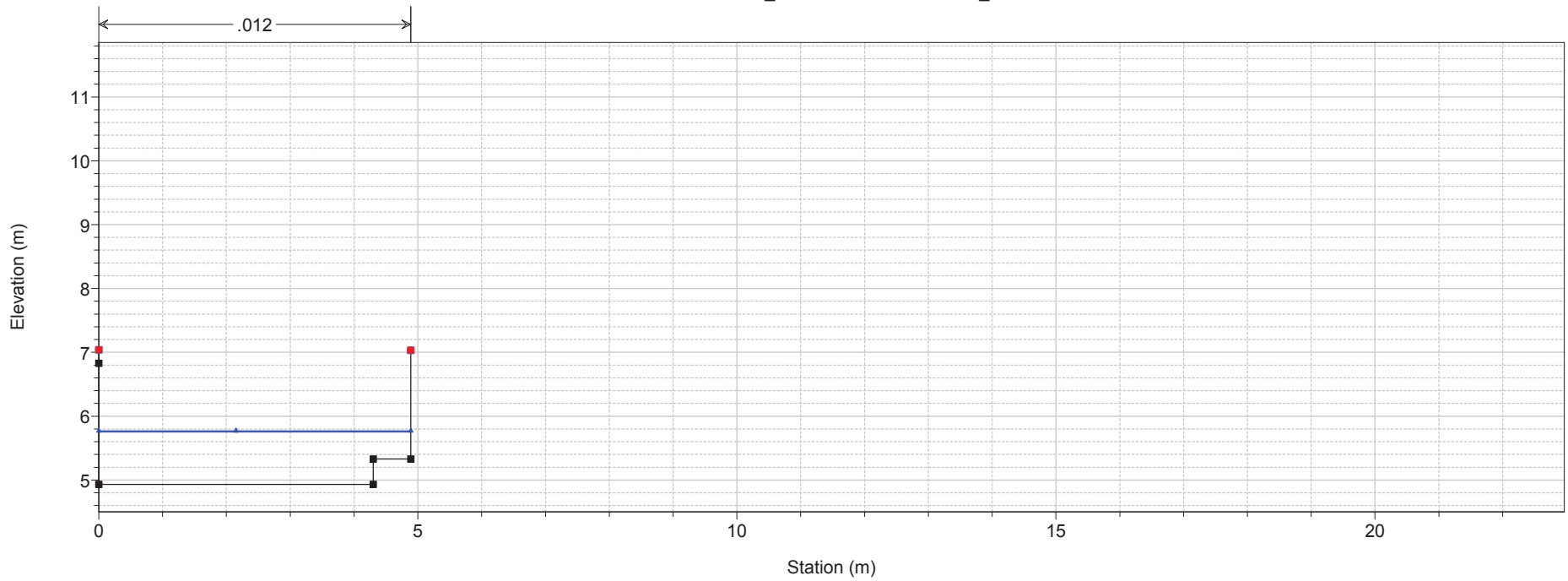
1) A TR 30 2) A TR 200_bis
River = Botro_Cotone Reach = Cotone_valle1 RS = 1.81



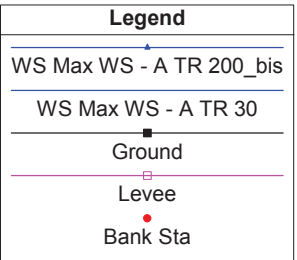
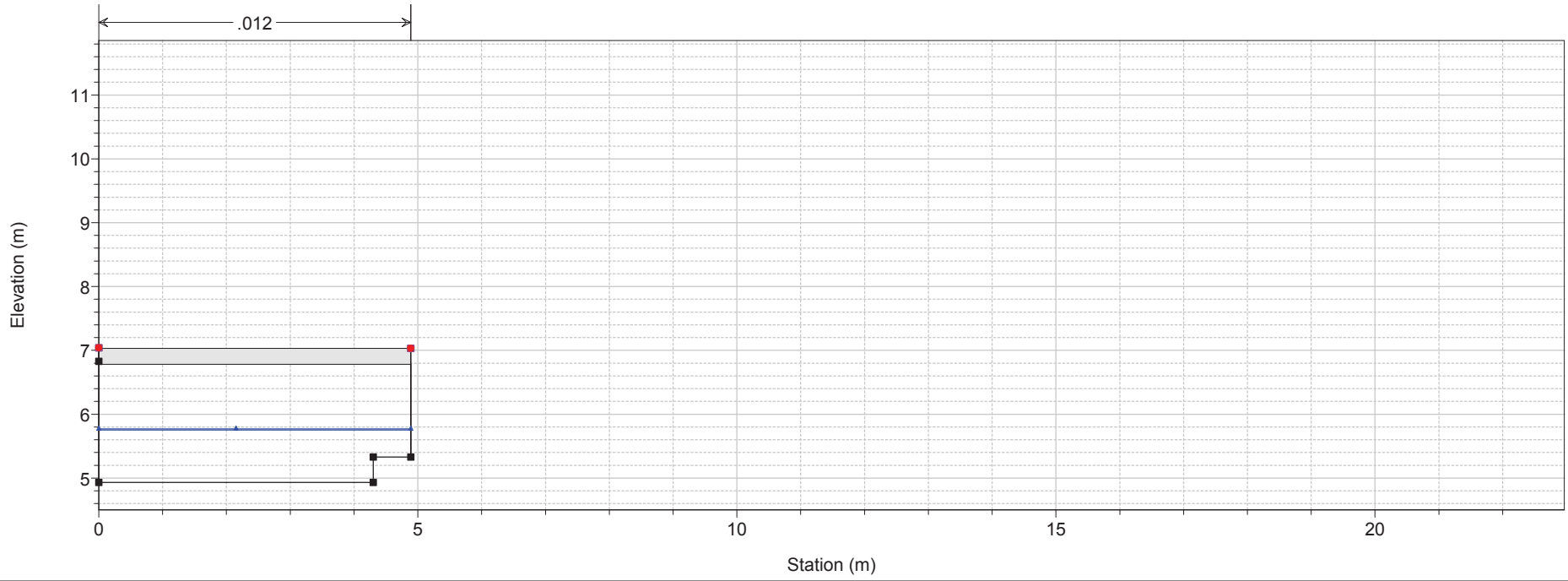
1) A TR 30 2) A TR 200_bis
River = Botro_Cotone Reach = Cotone_valle1 RS = 1.8



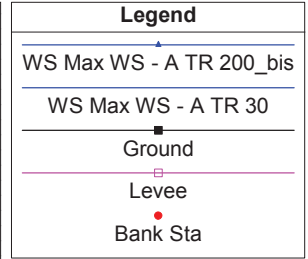
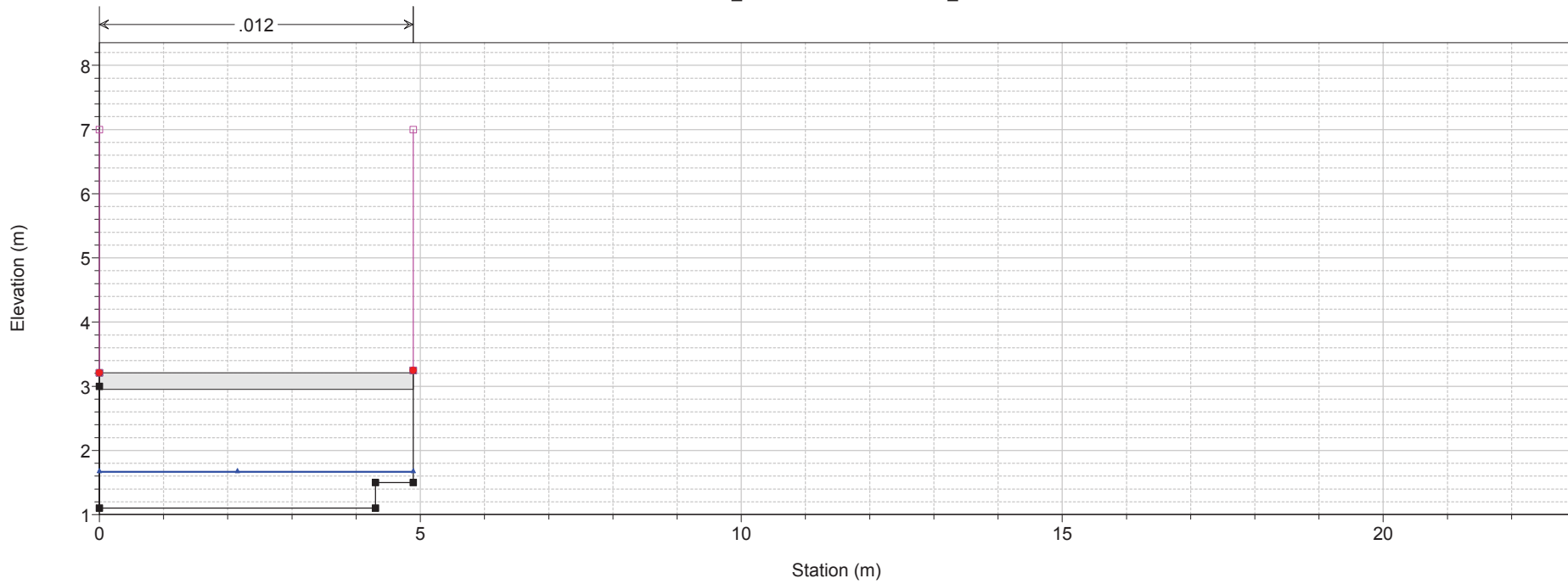
1) A TR 30 2) A TR 200_bis
River = Botro_Cotone Reach = Cotone_valle2 RS = 1.71



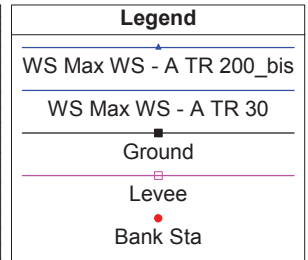
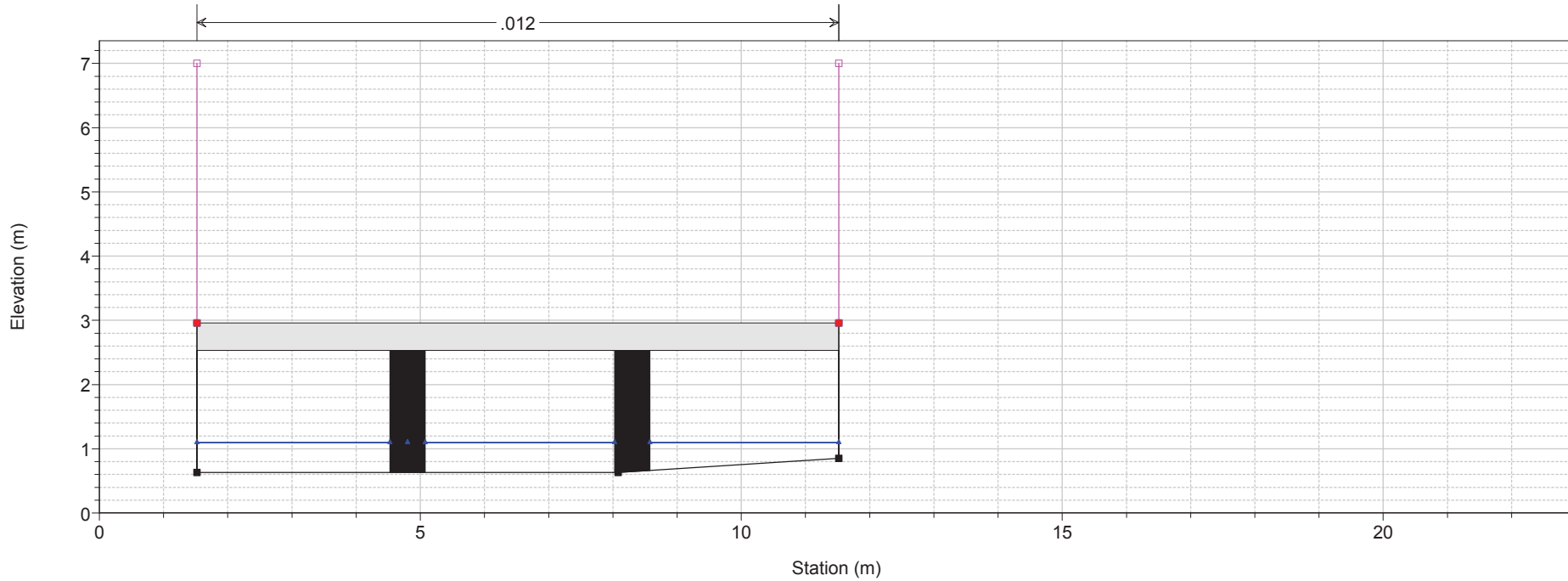
1) A TR 30 2) A TR 200_bis
River = Botro_Cotone Reach = Cotone_valle2 RS = 1.7



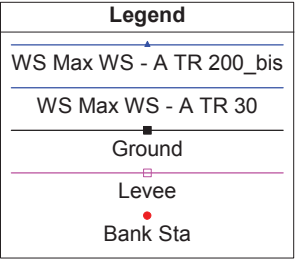
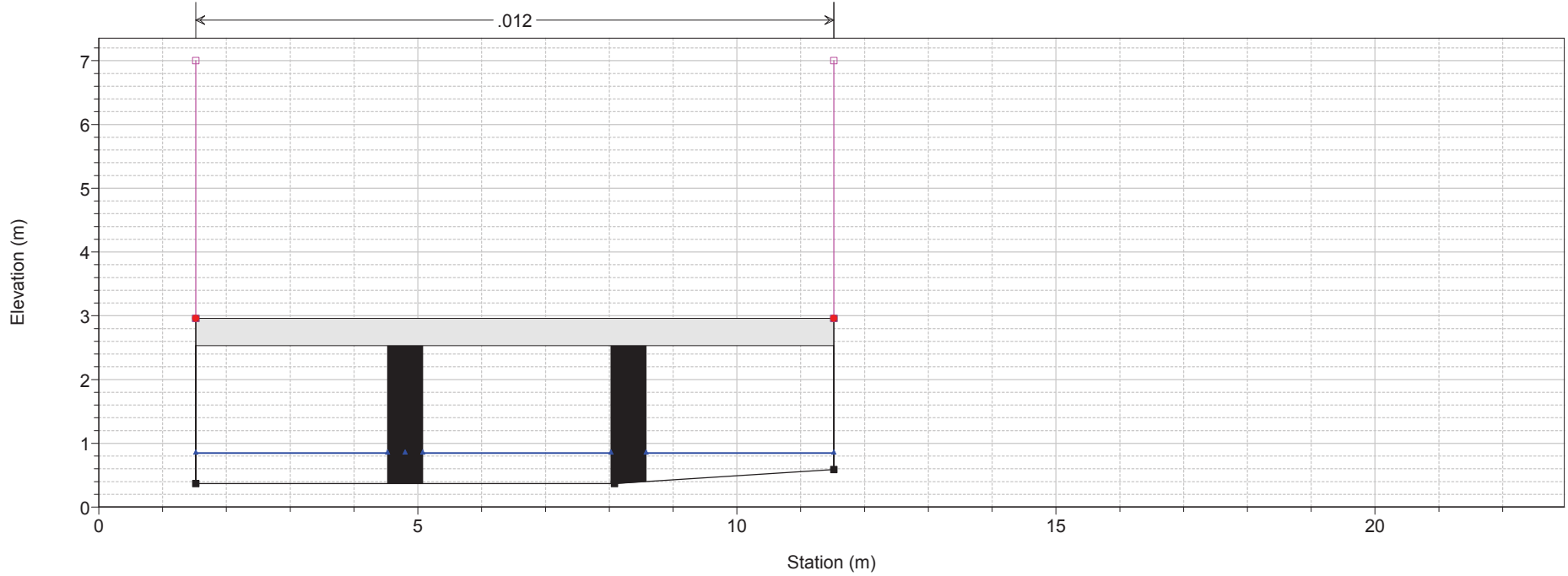
1) A TR 30 2) A TR 200_bis
 River = Botro_Cotone Reach = Cotone_valle2 RS = 1.5 Sez. 27bis



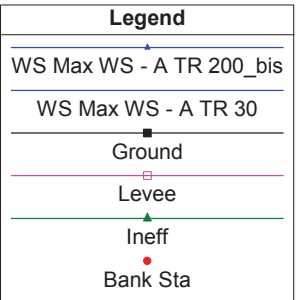
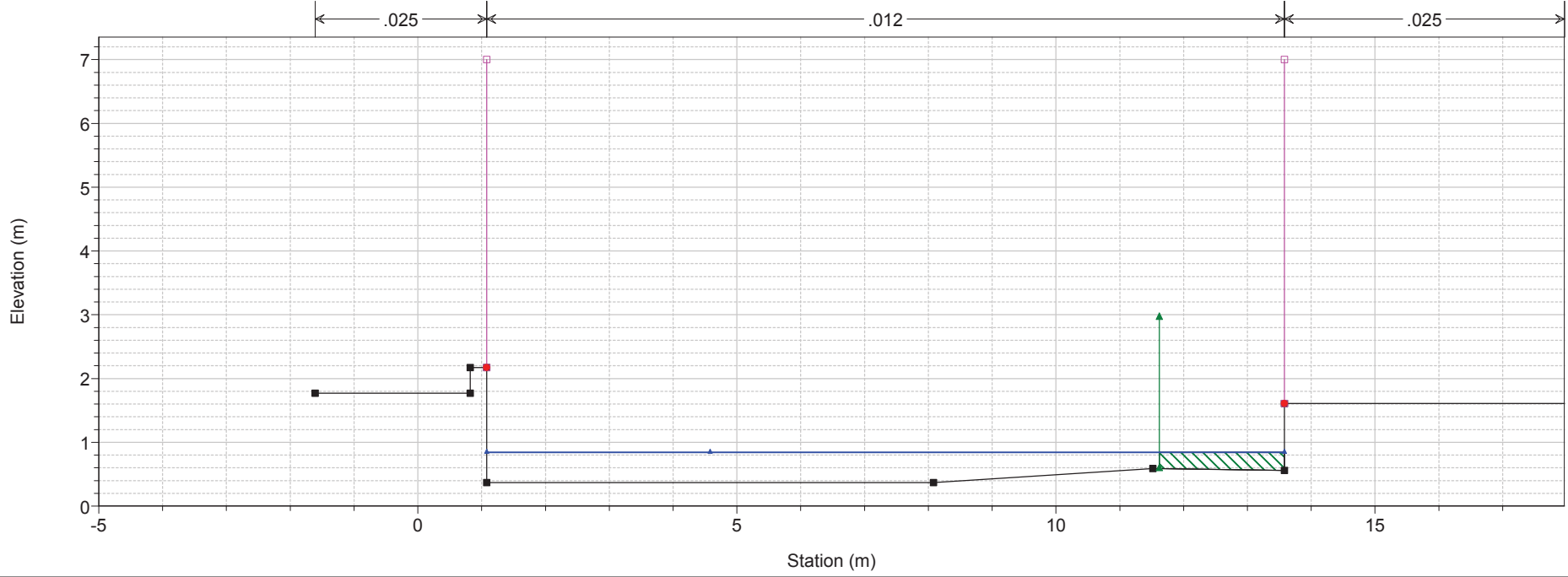
1) A TR 30 2) A TR 200_bis
 River = Botro_Cotone Reach = Cotone_valle2 RS = 1.4 Sez. 27



1) A TR 30 2) A TR 200_bis
 River = Botro_Cotone Reach = Cotone_valle2 RS = 1.1 Sez.27

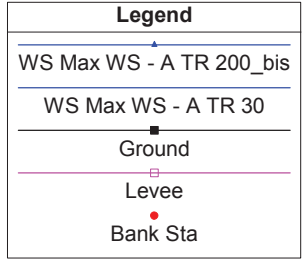
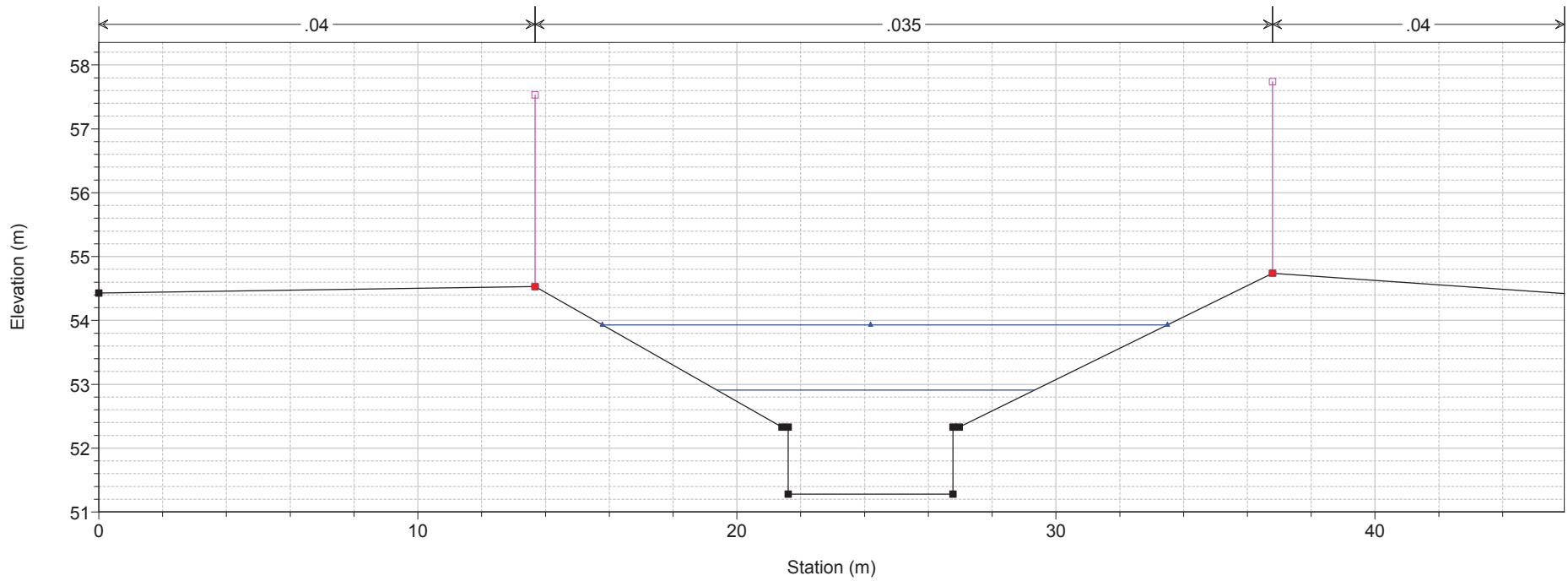


1) A TR 30 2) A TR 200_bis
 River = Botro_Cotone Reach = Cotone_valle2 RS = 1 Sez.27

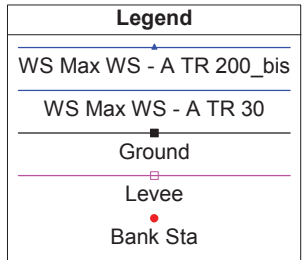
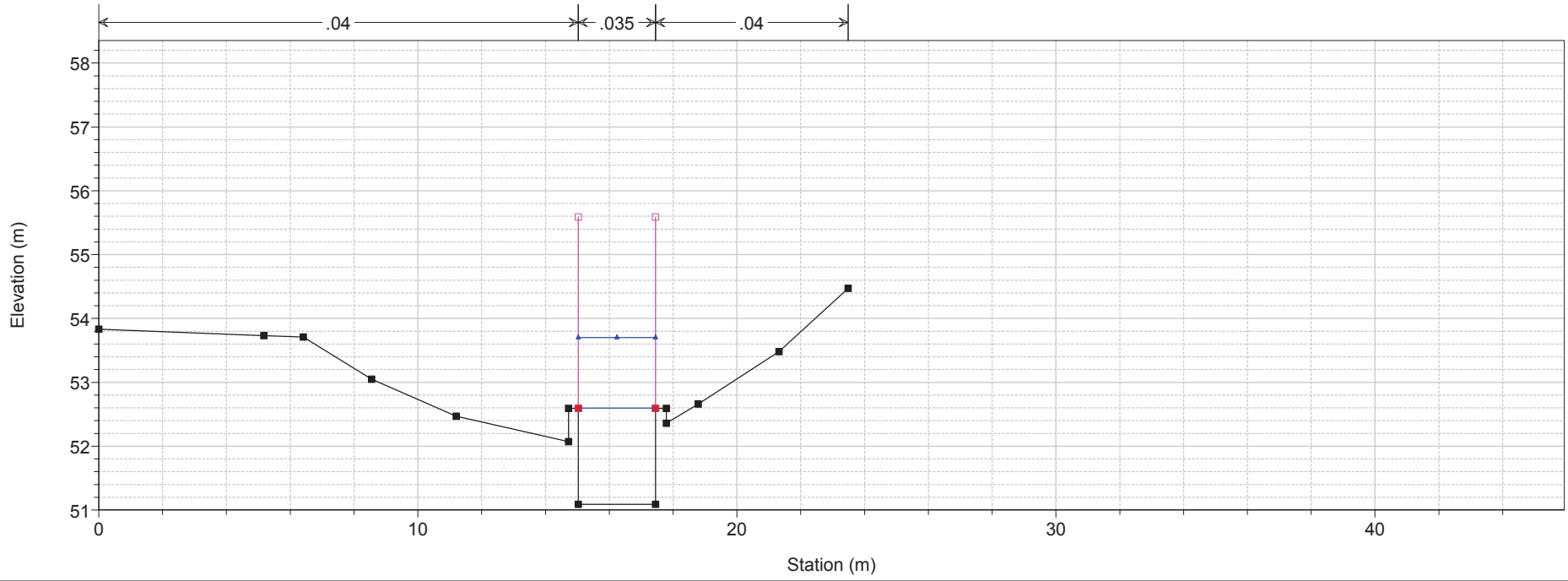


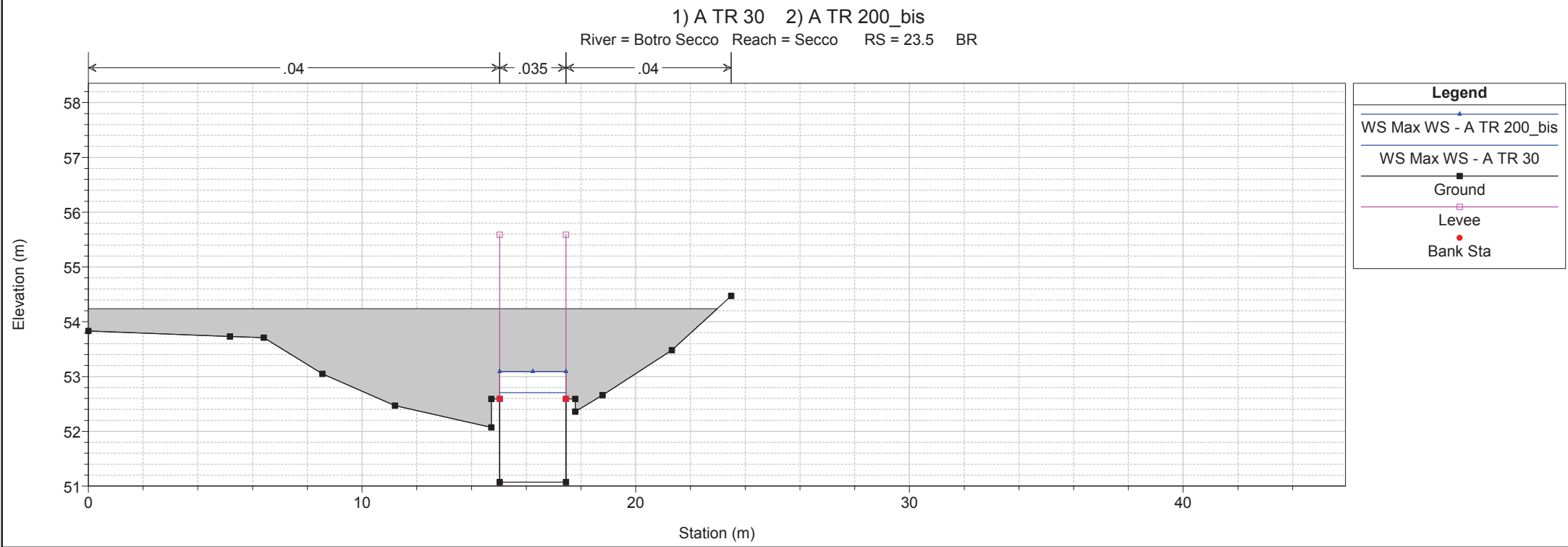
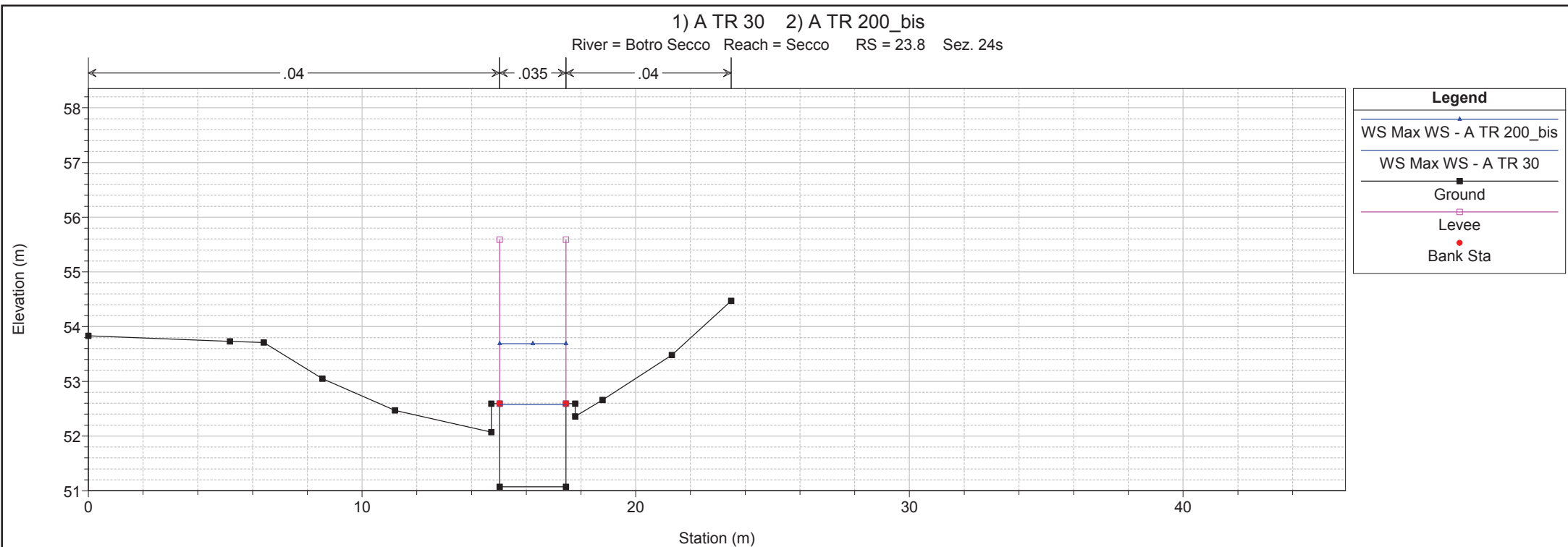
1 cm Horiz. = 1 m 1 cm Vert. = 1 m

1) A TR 30 2) A TR 200_bis
 River = Botro Secco Reach = Secco RS = 25 Sez. 25s

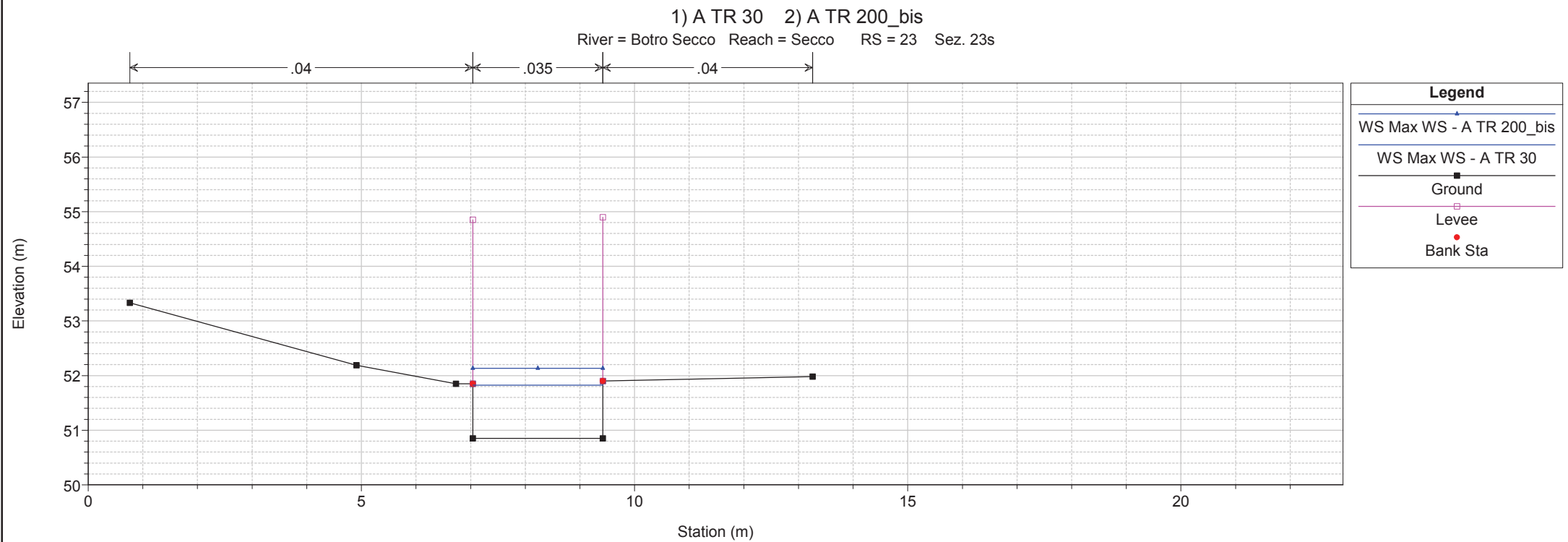
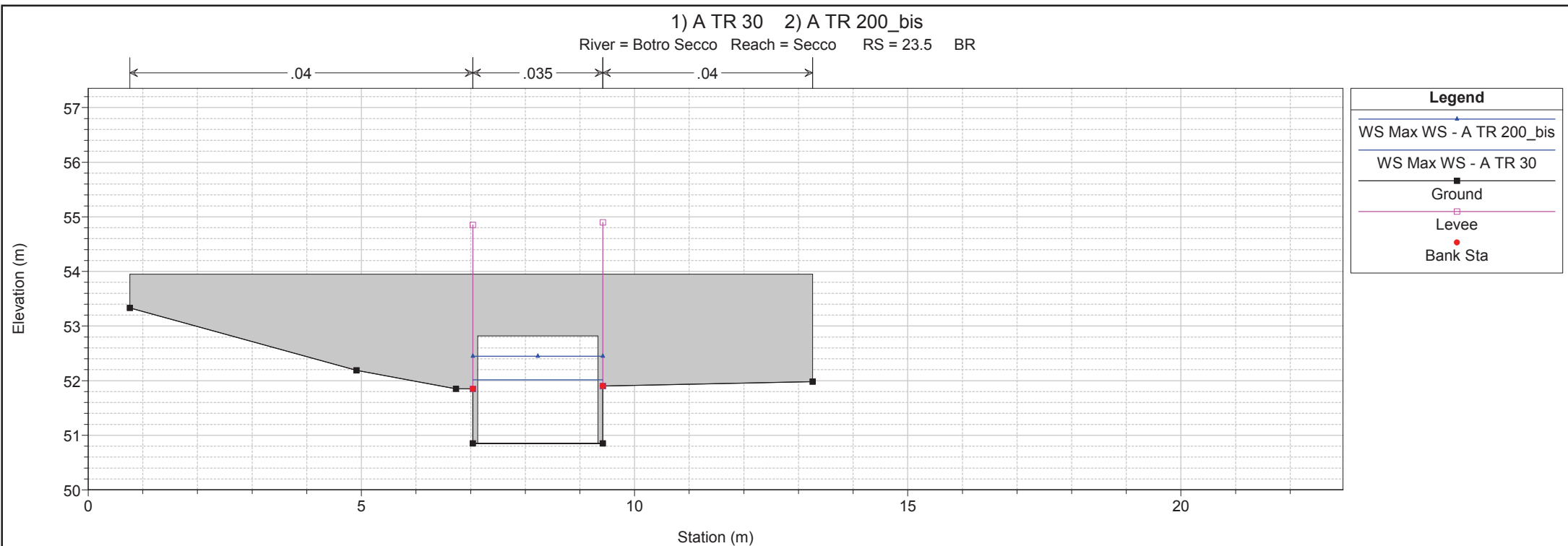


1) A TR 30 2) A TR 200_bis
 River = Botro Secco Reach = Secco RS = 24 Sez. 24s

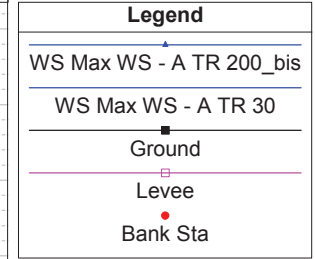
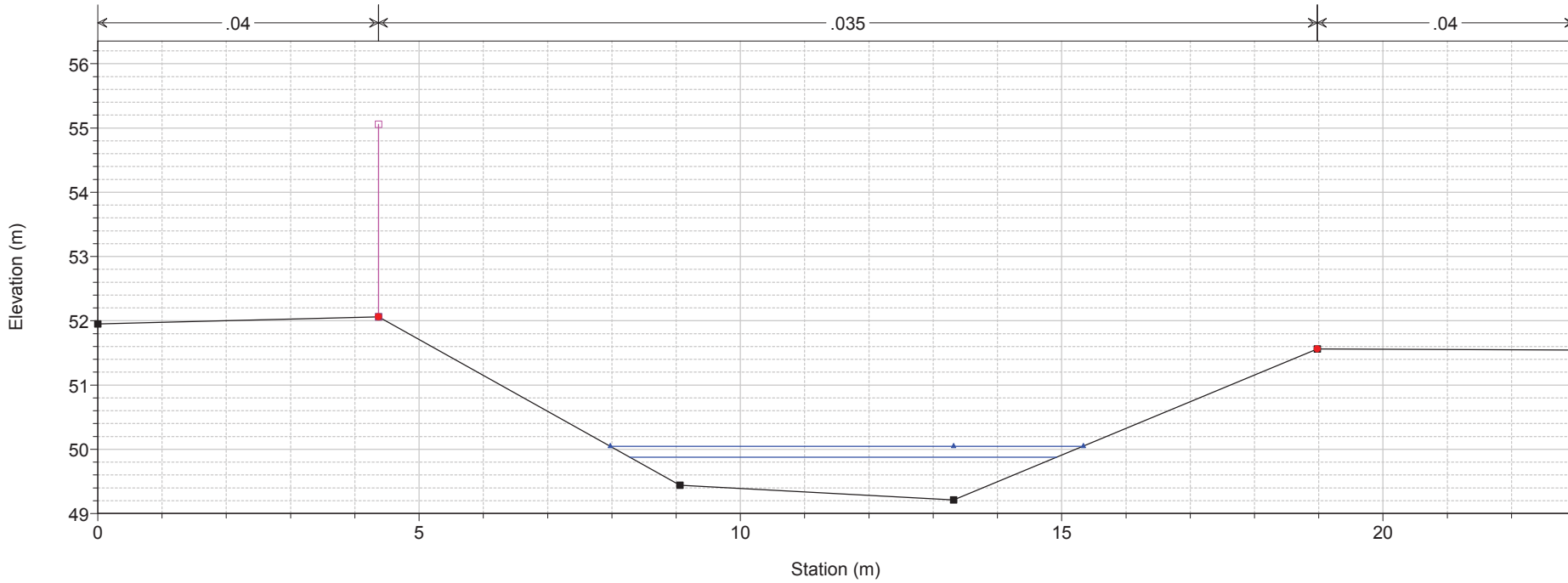




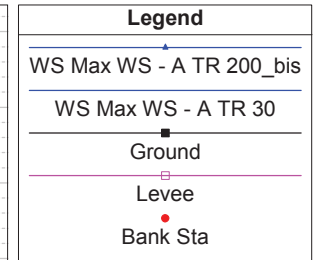
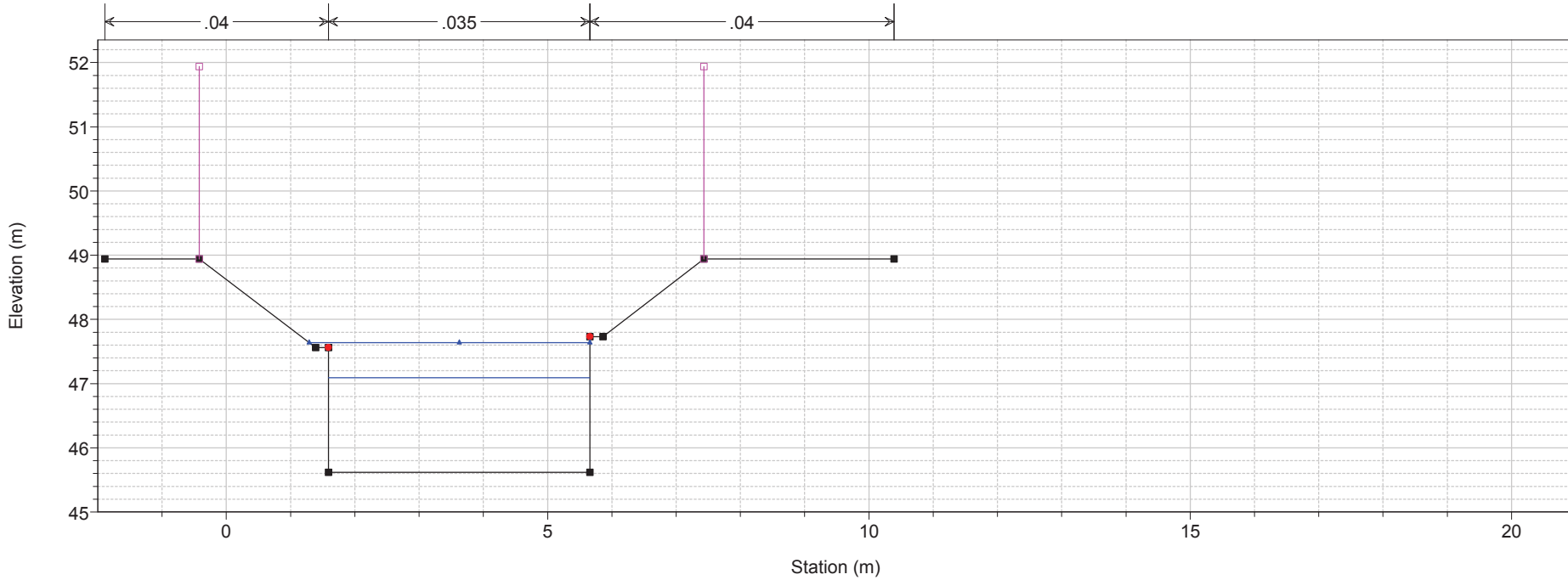
1 cm Horiz. = 2 m 1 cm Vert. = 1 m

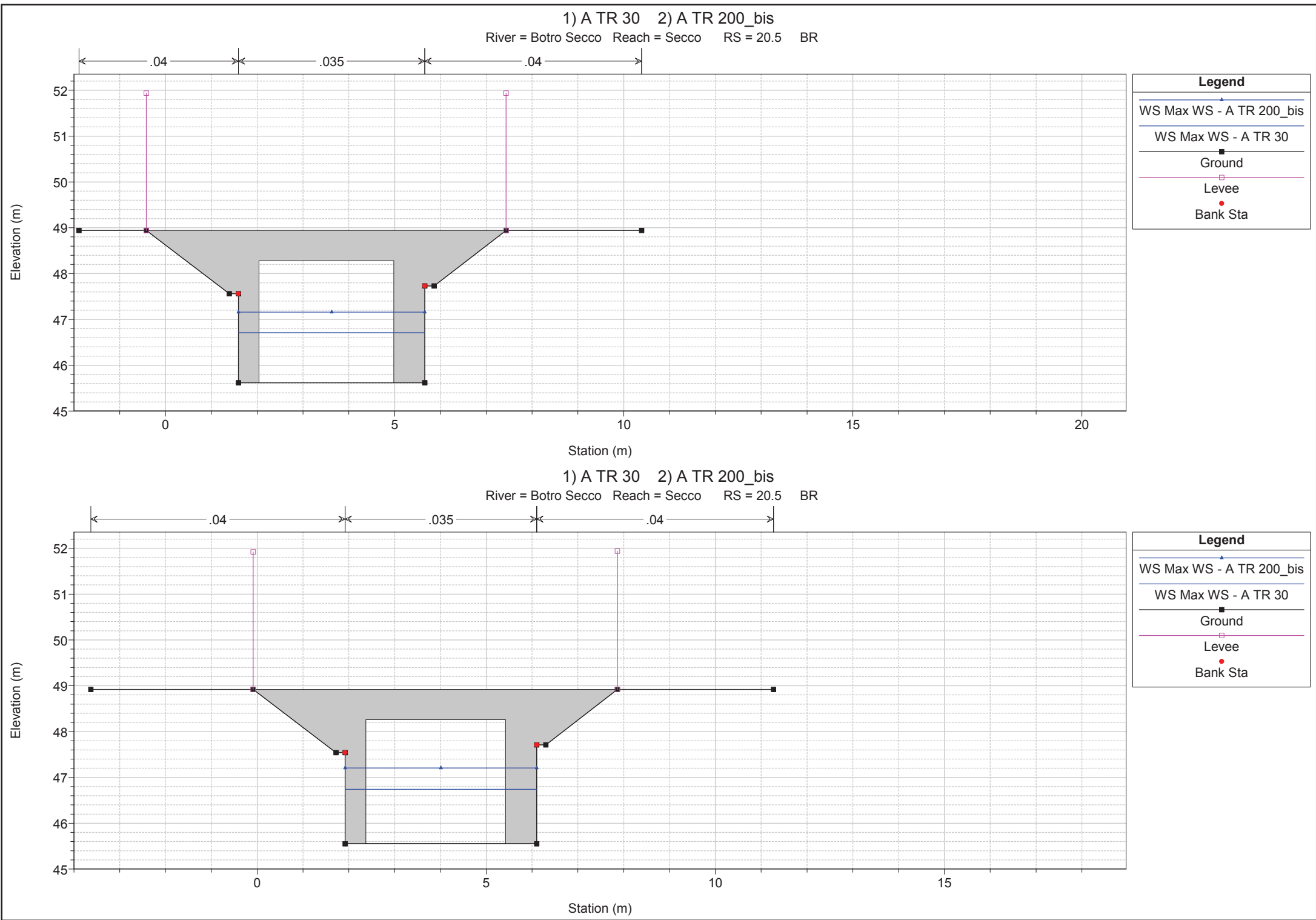


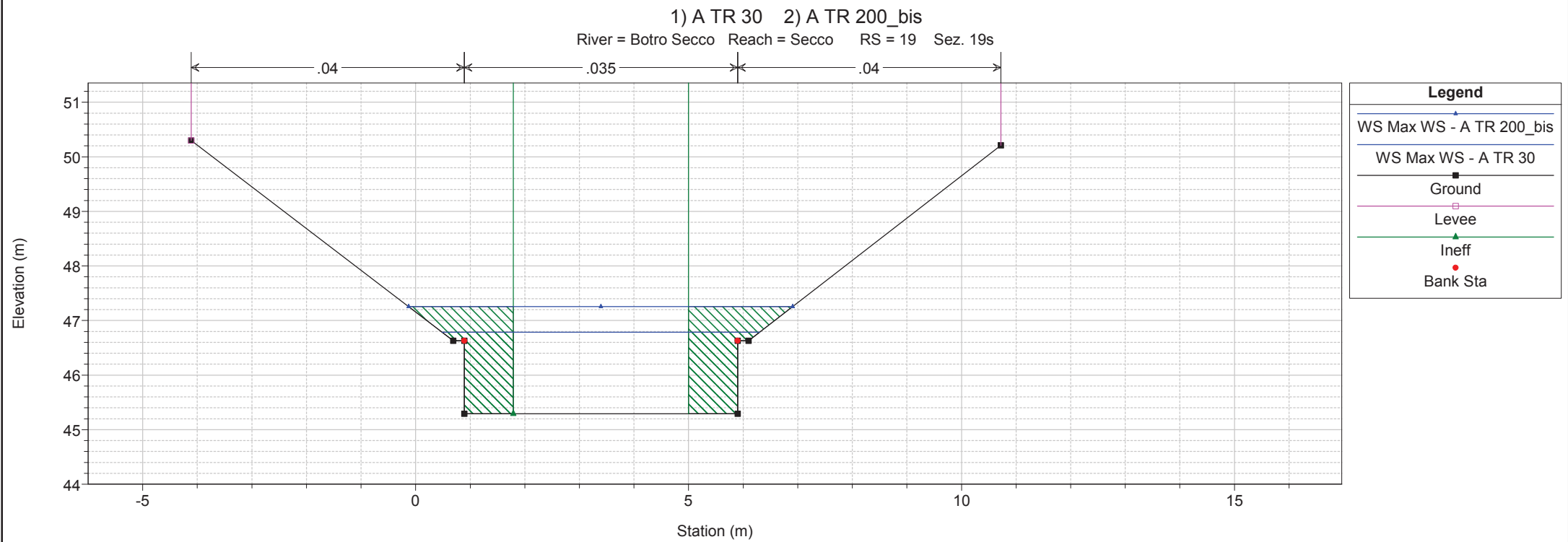
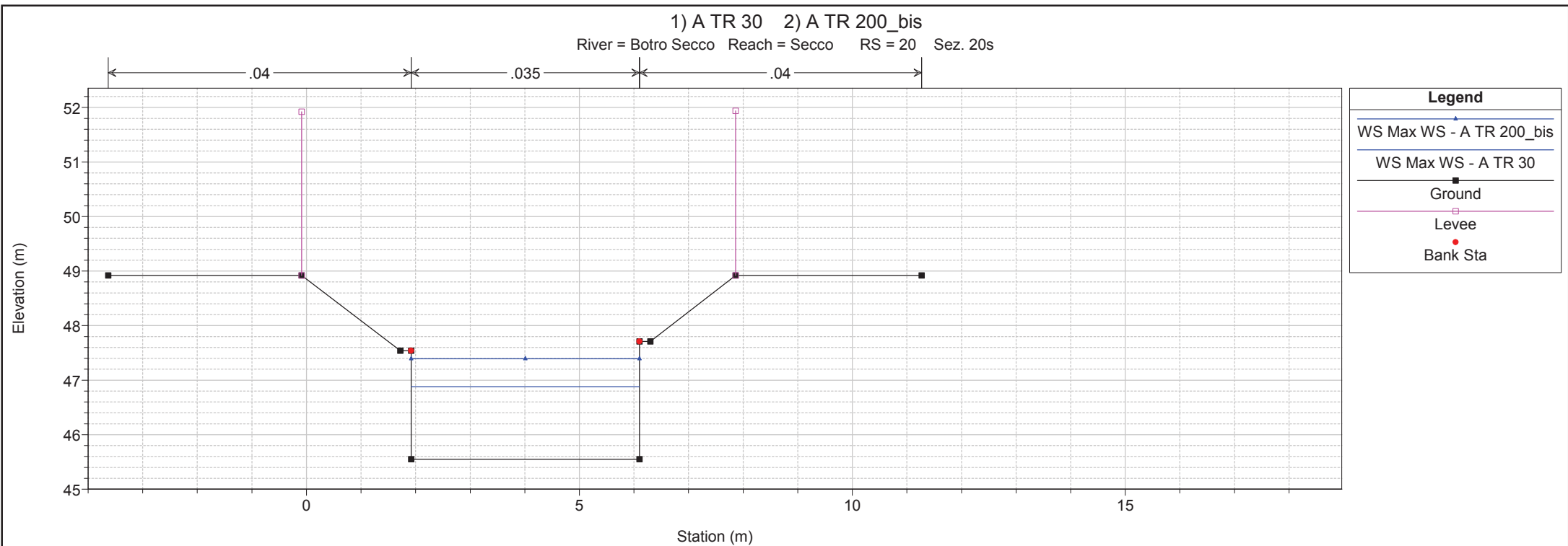
1) A TR 30 2) A TR 200_bis
 River = Botro Secco Reach = Secco RS = 22 Sez. 22s



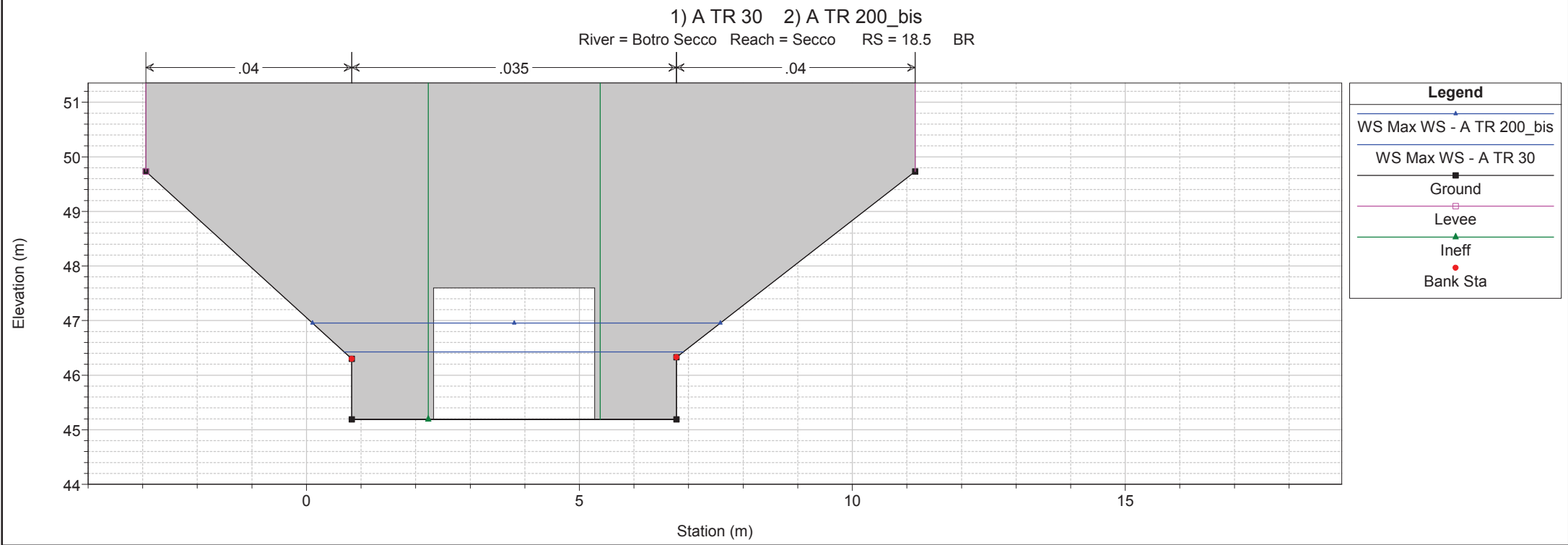
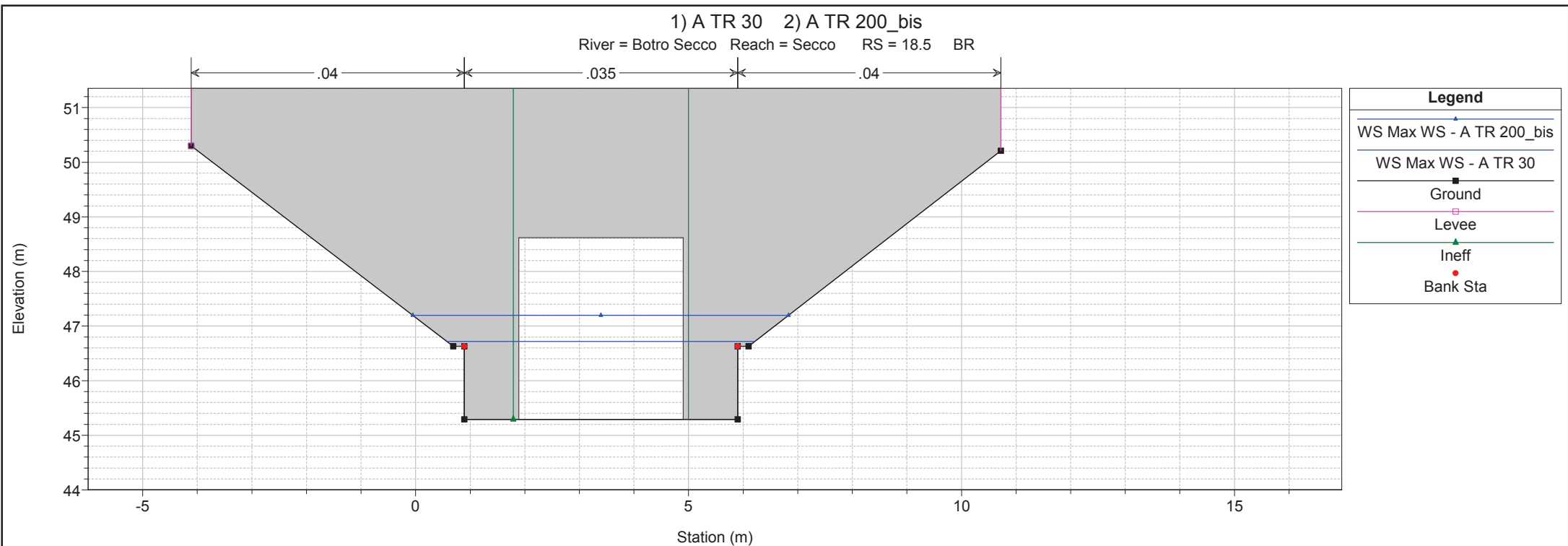
1) A TR 30 2) A TR 200_bis
 River = Botro Secco Reach = Secco RS = 21 Sez. 21s

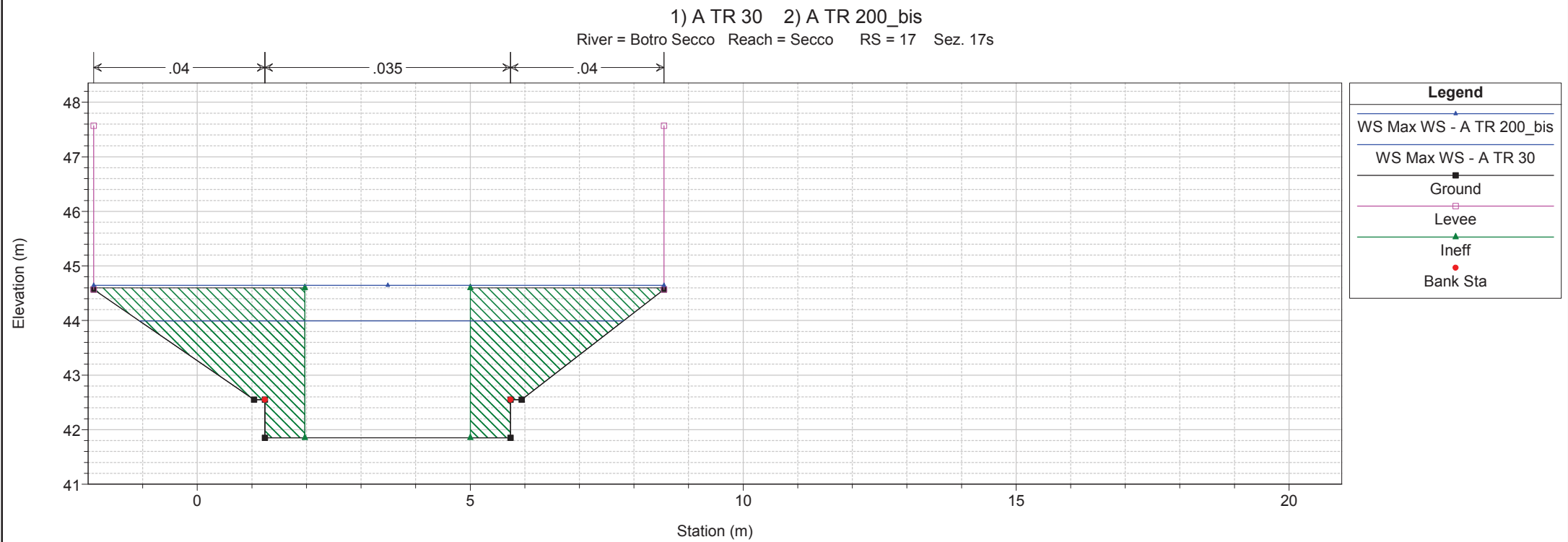
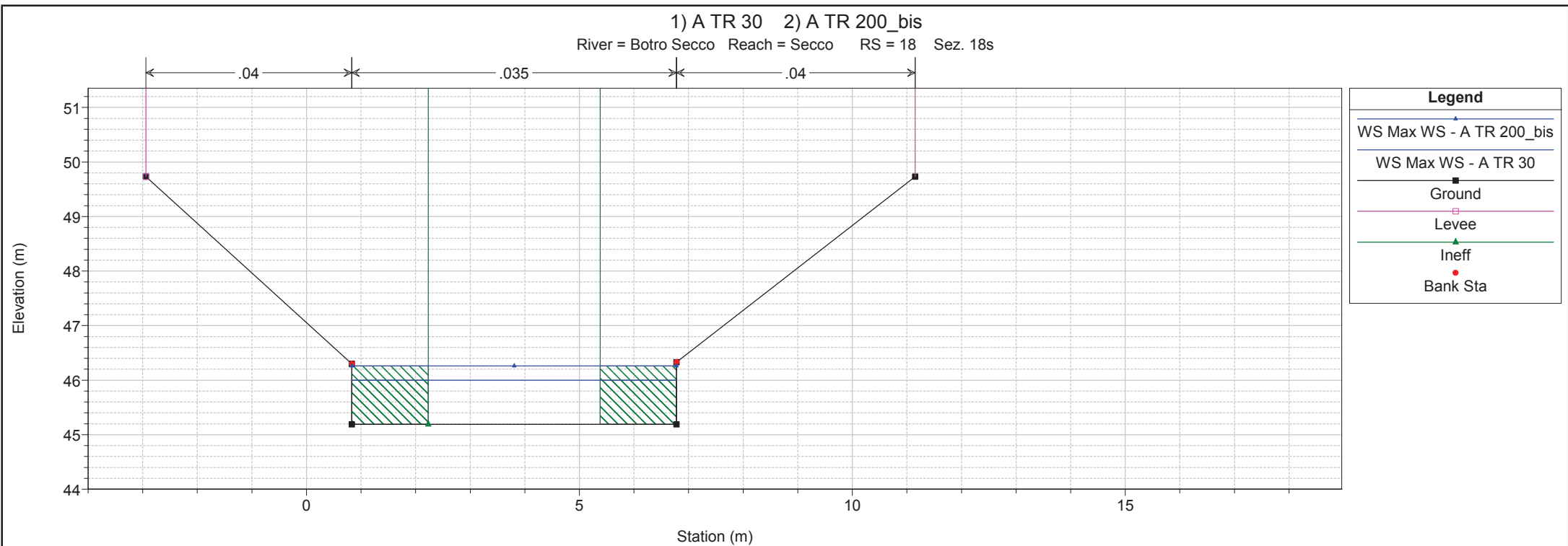


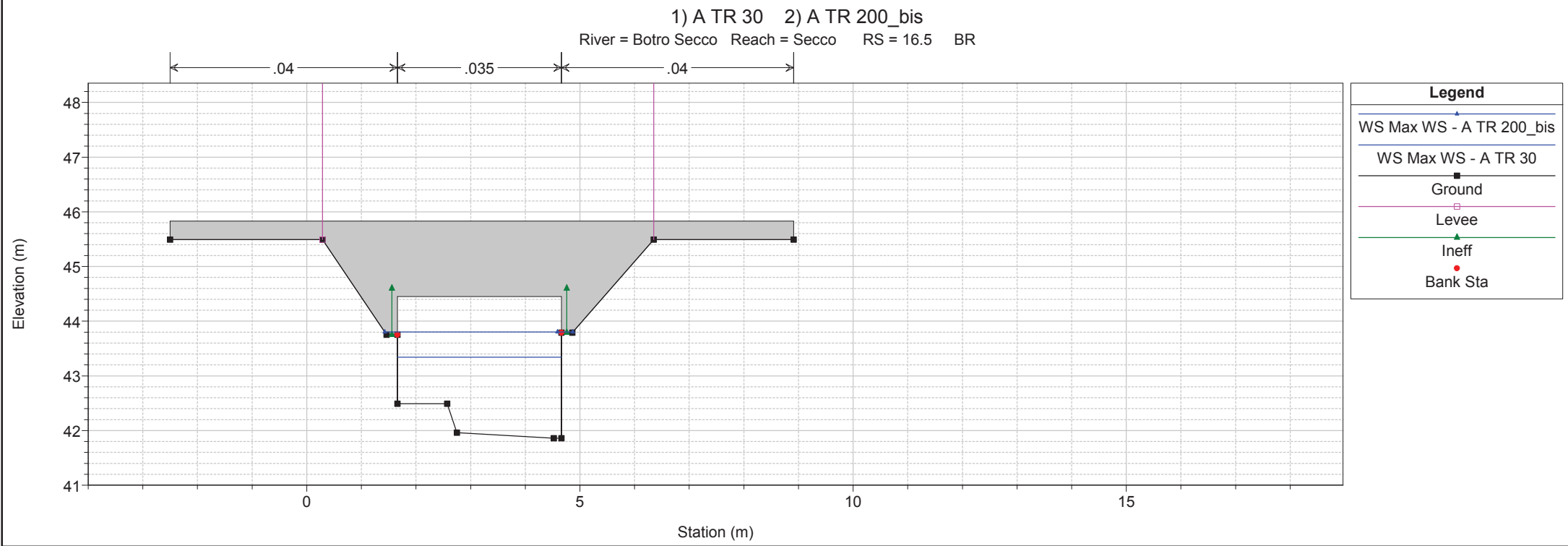
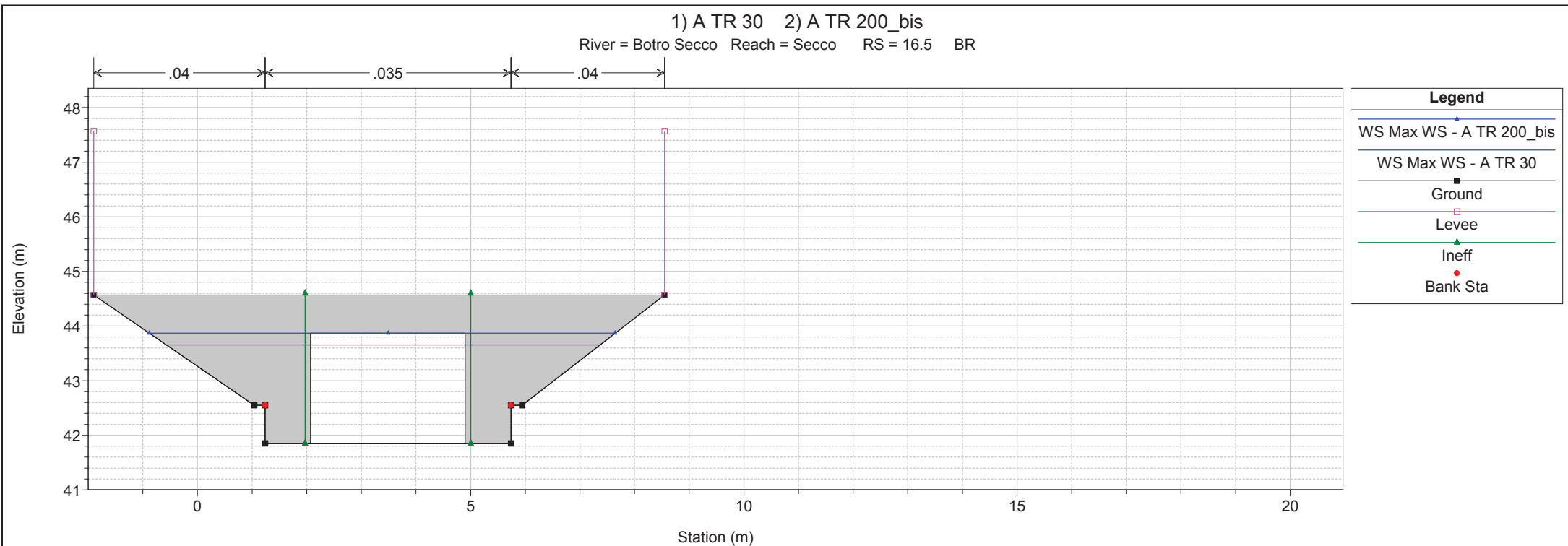




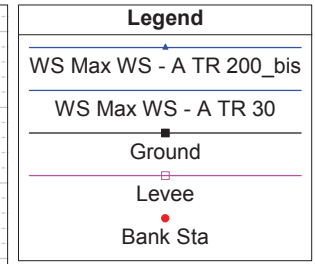
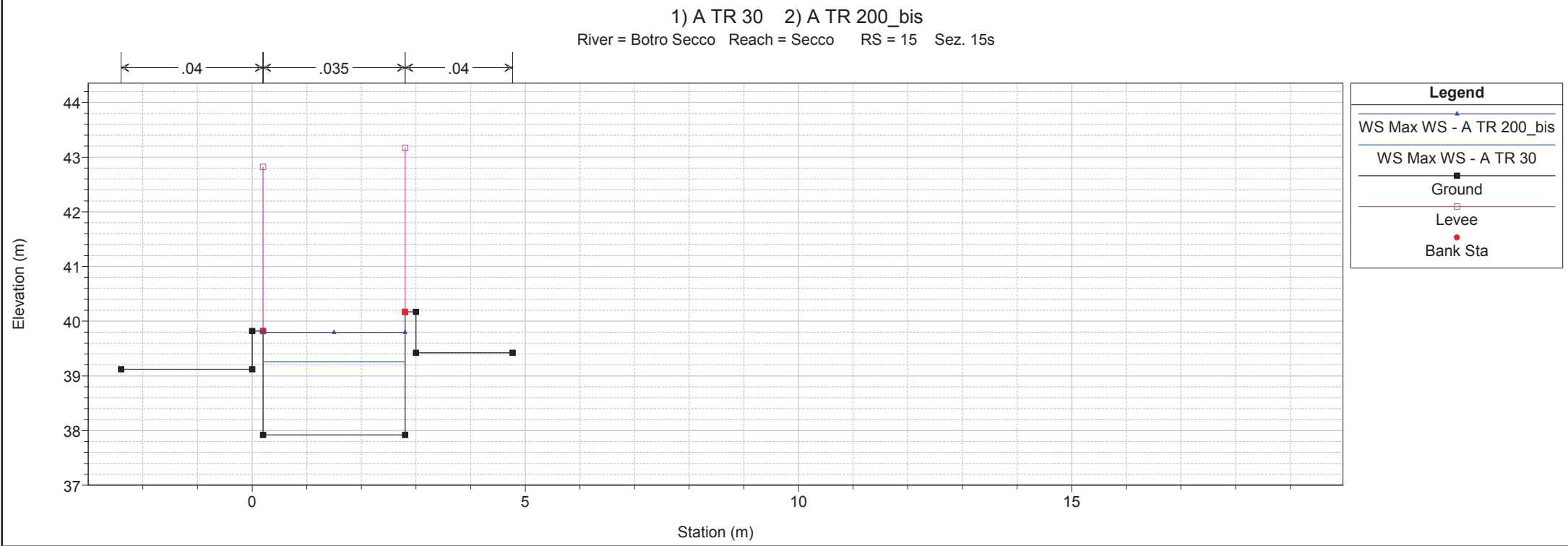
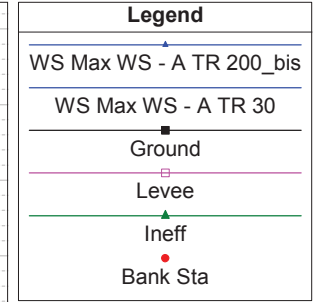
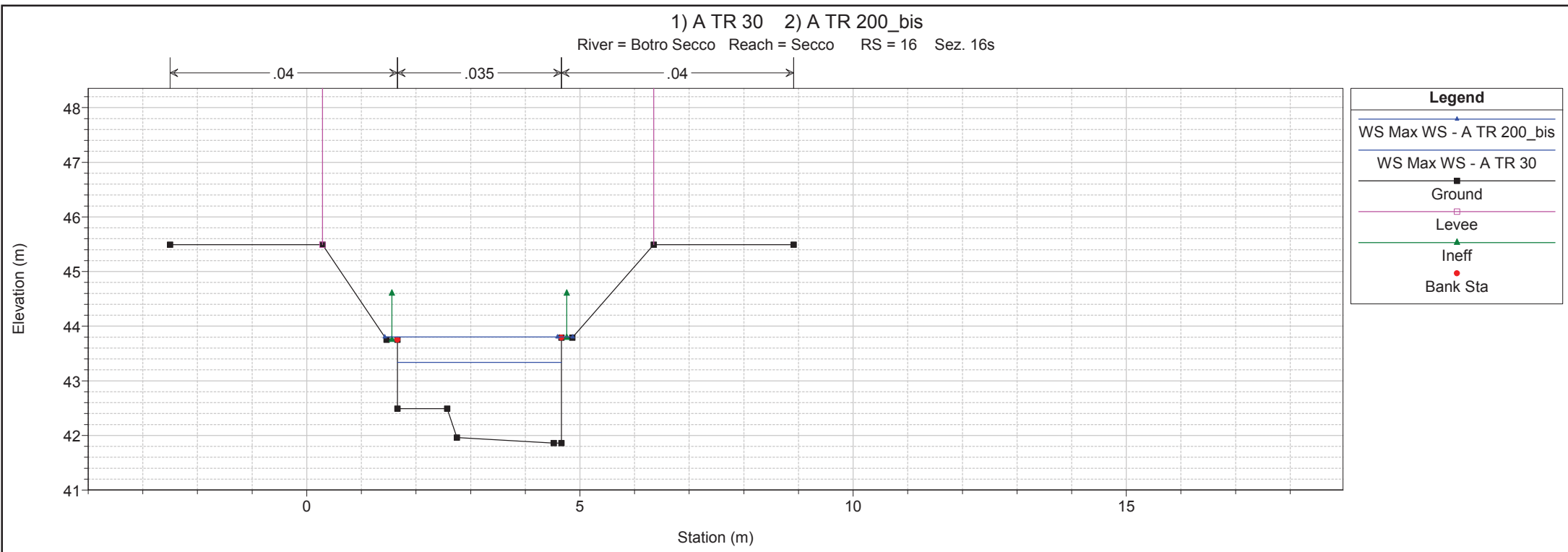
1 cm Horiz. = 1 m 1 cm Vert. = 1 m

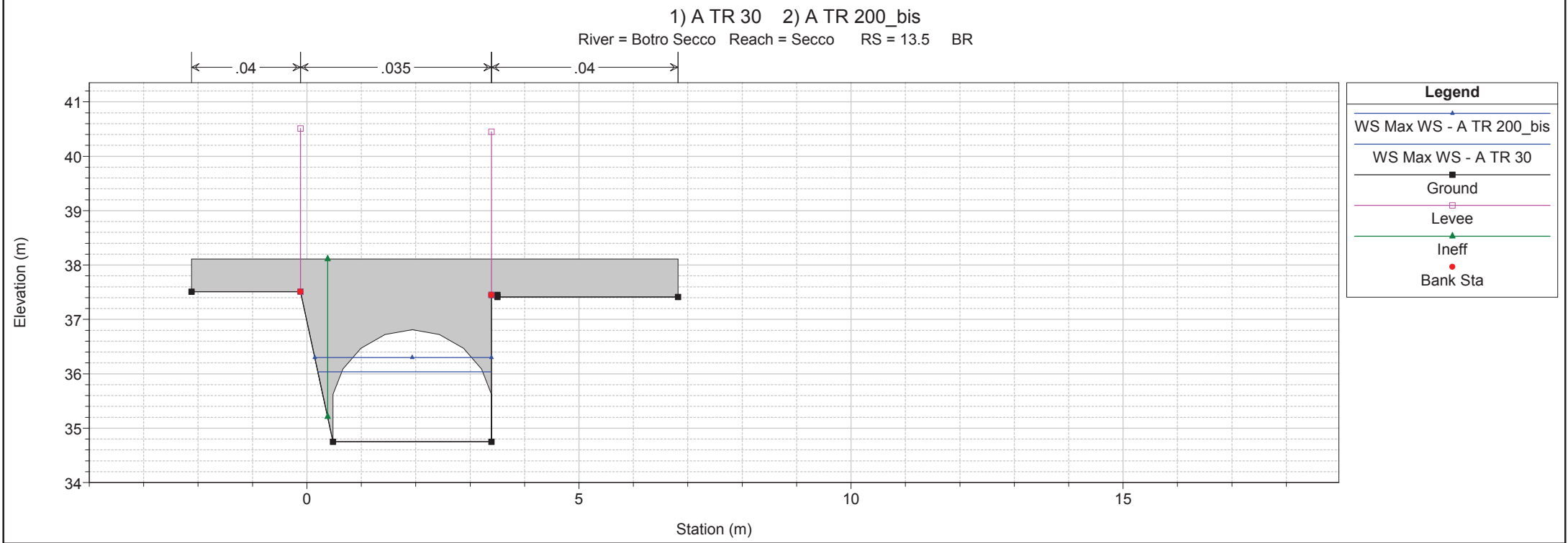
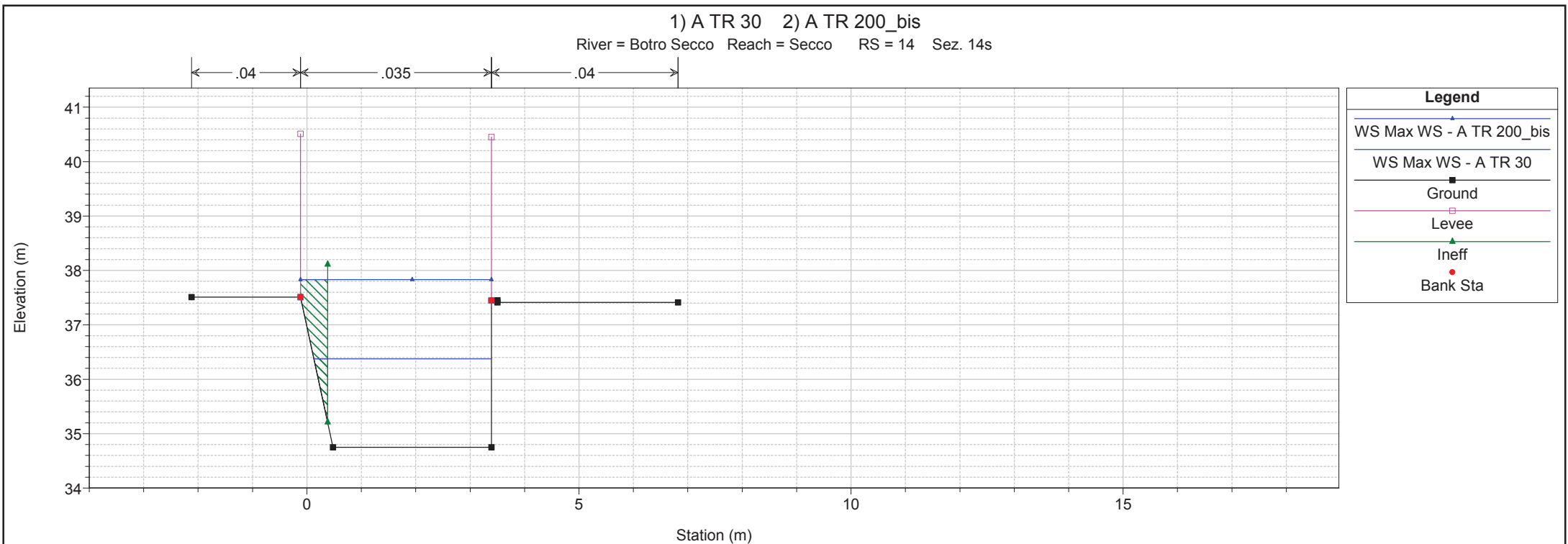




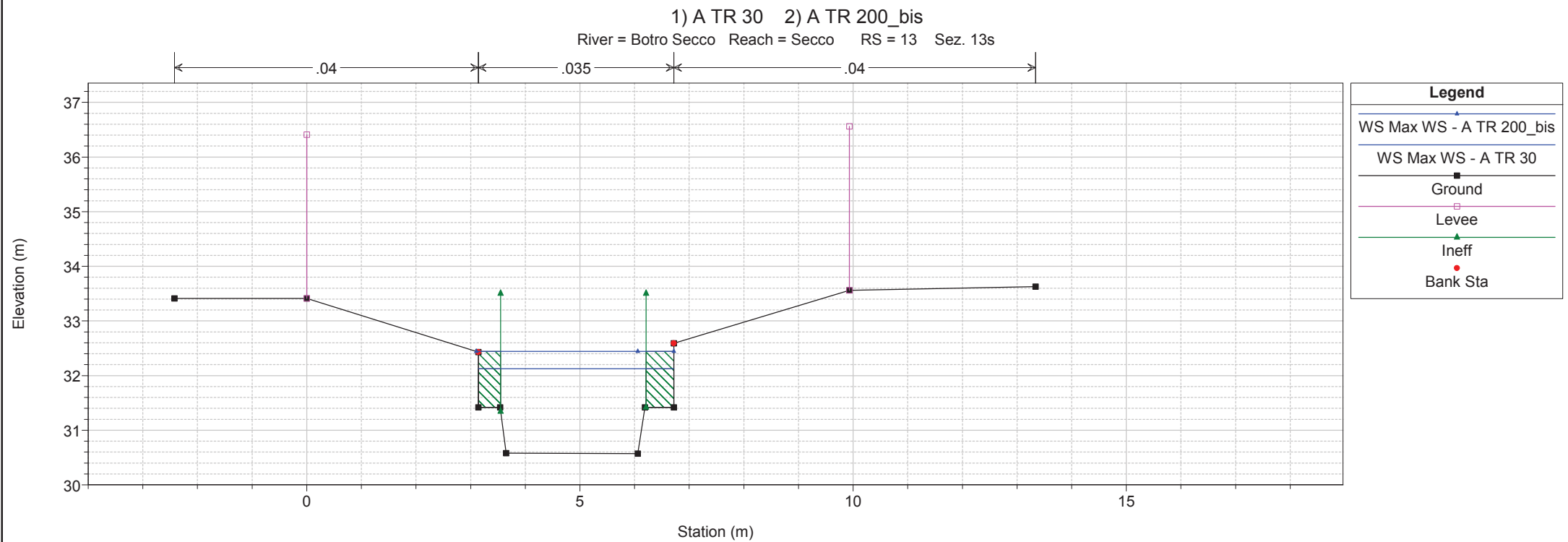
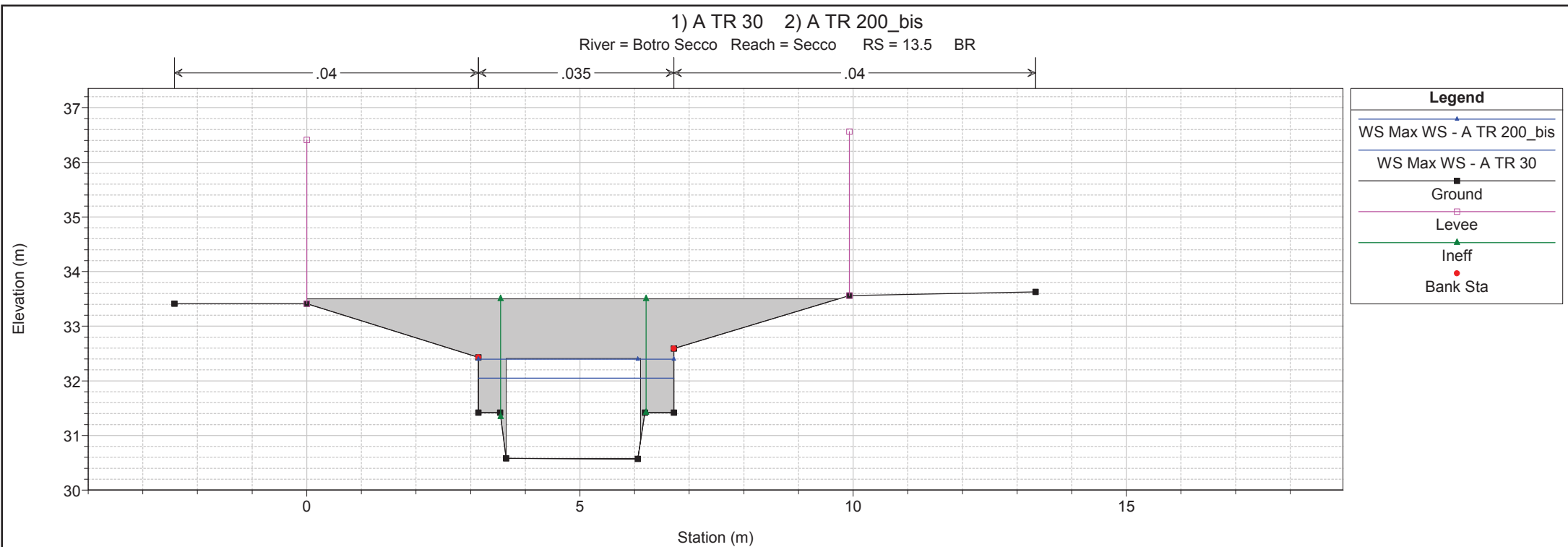


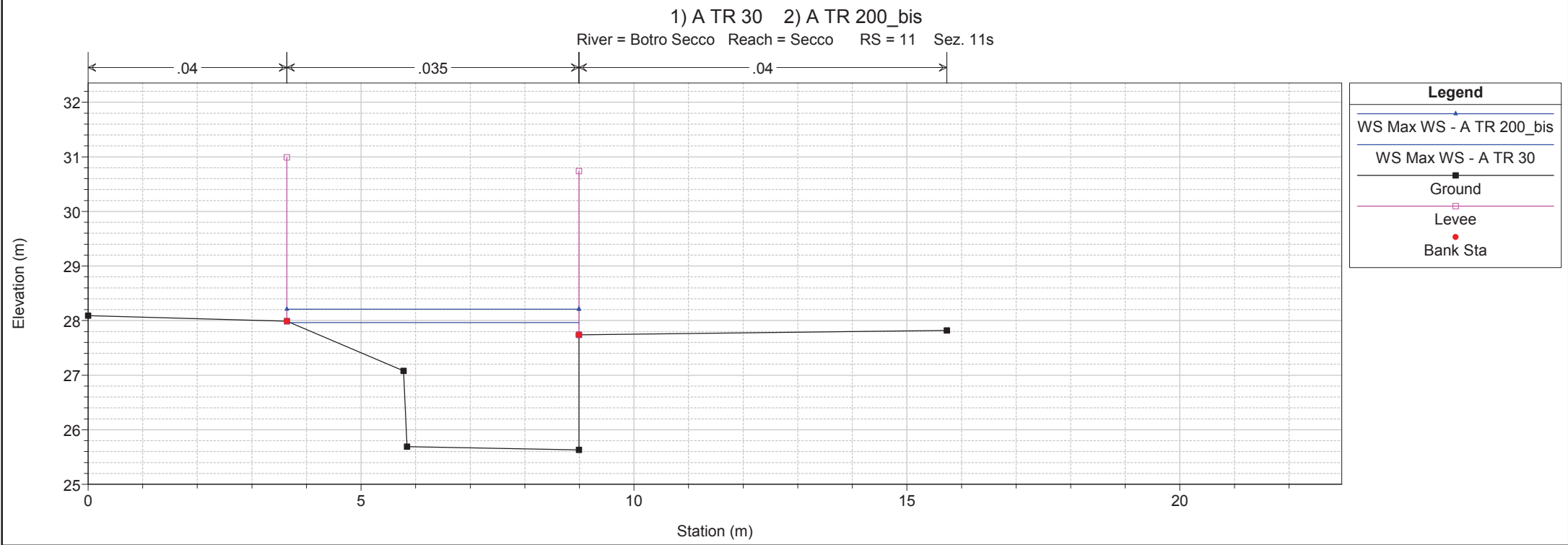
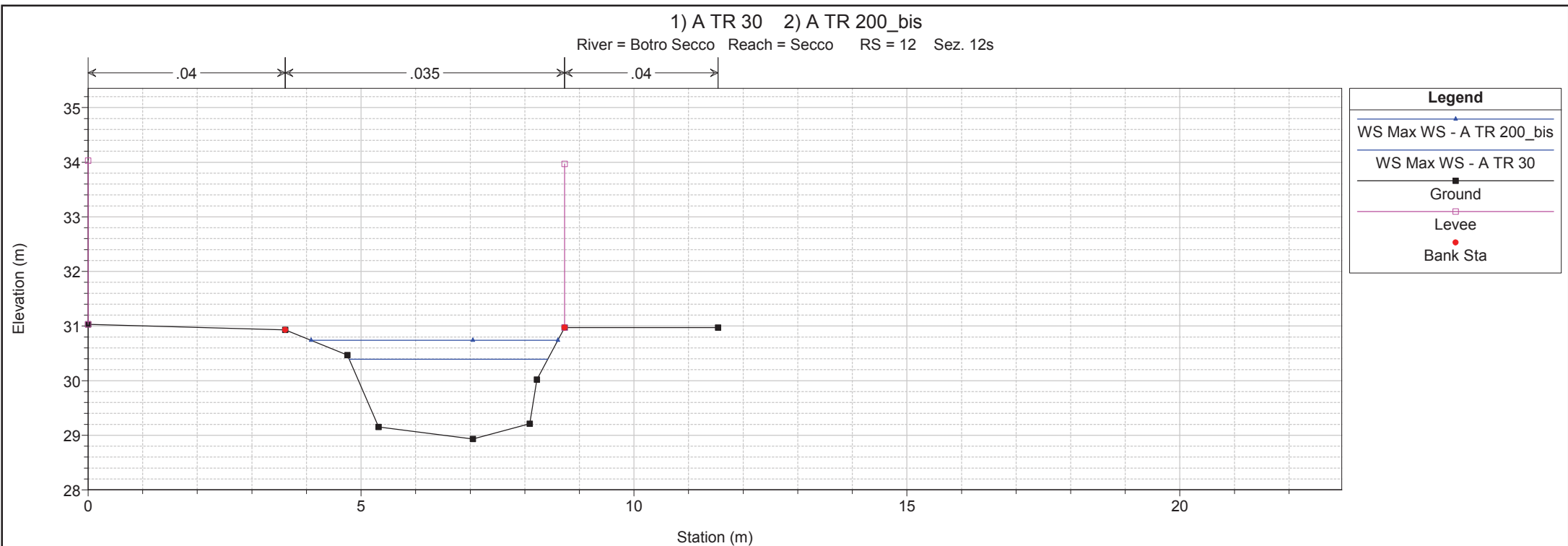
1 cm Horiz. = 1 m 1 cm Vert. = 1 m

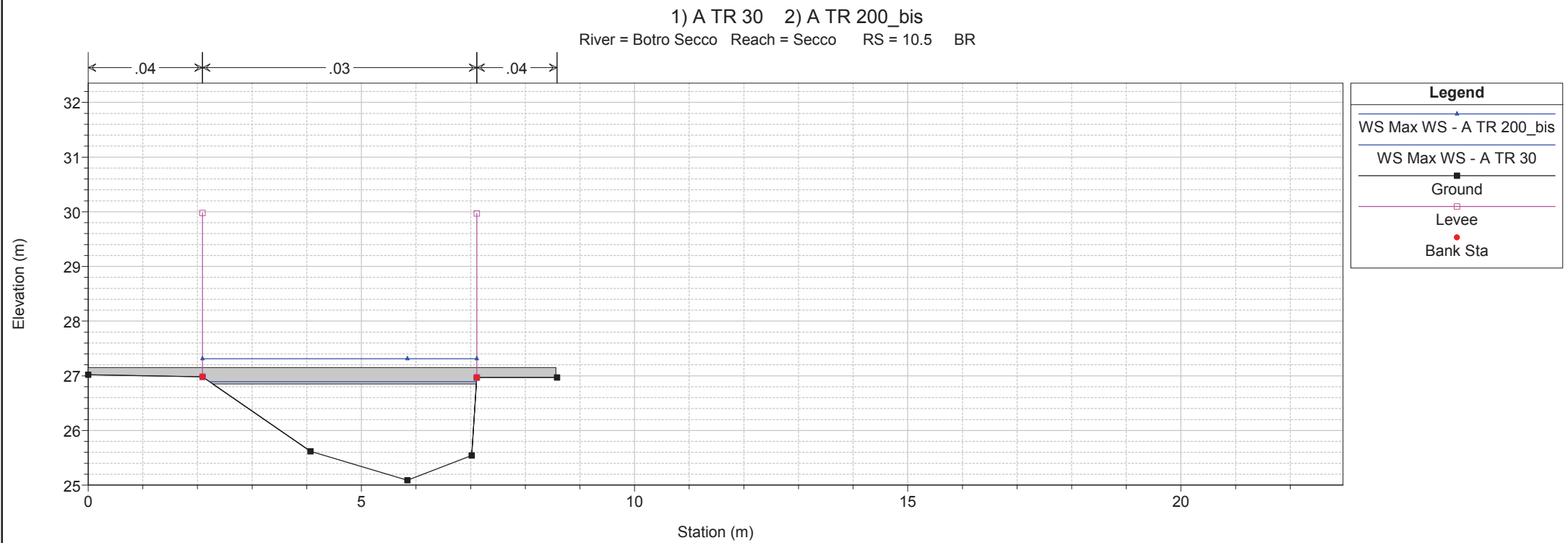
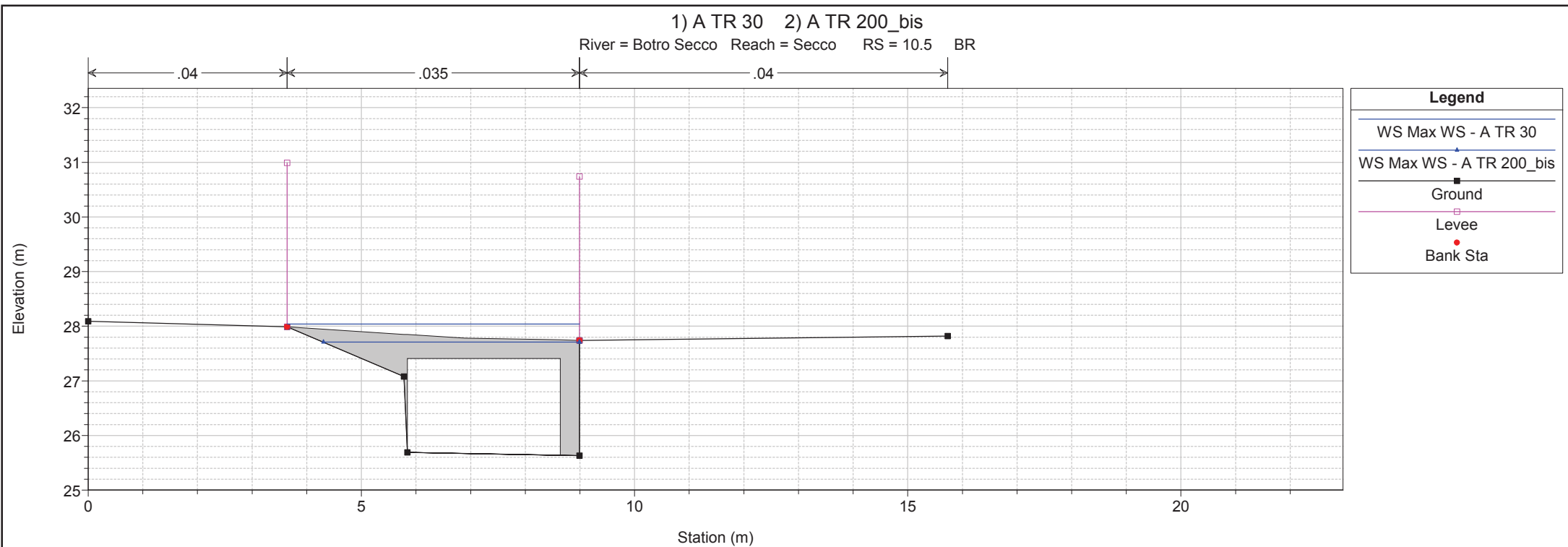




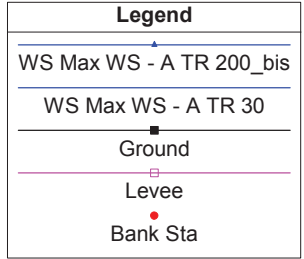
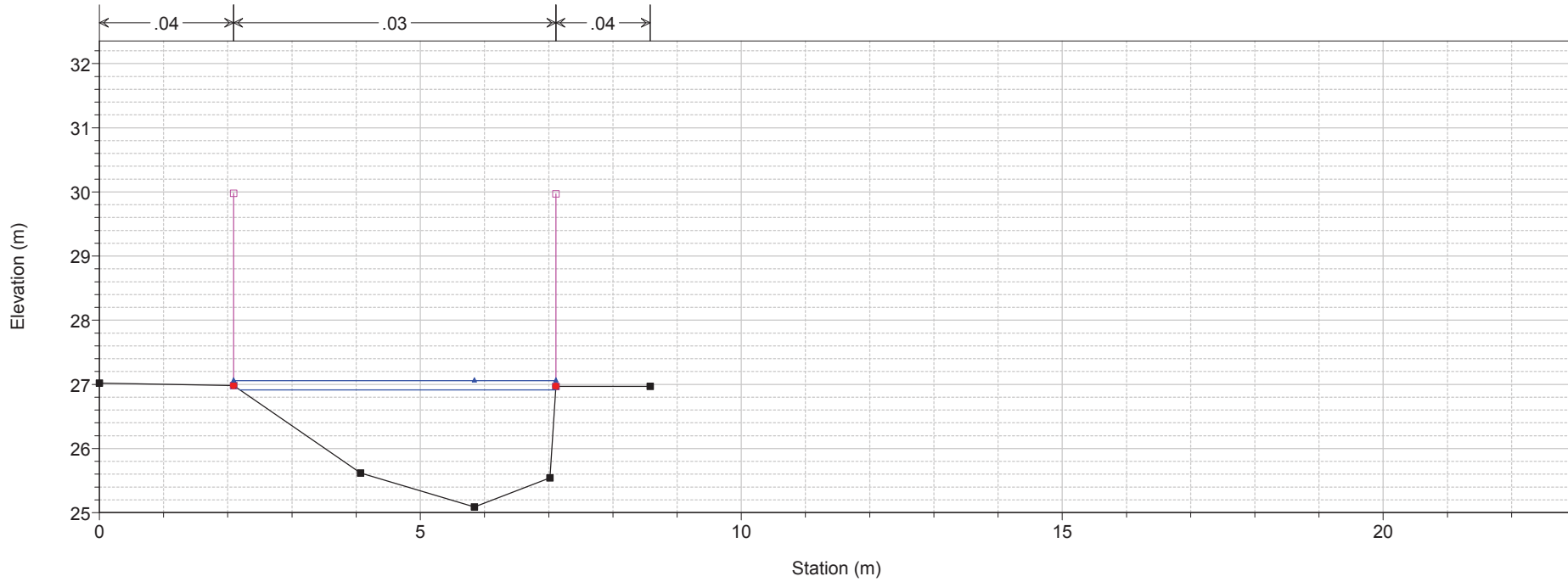
1 cm Horiz. = 1 m 1 cm Vert. = 1 m



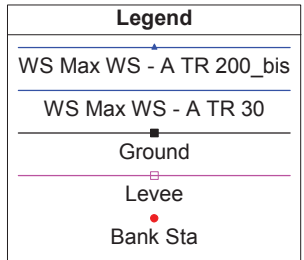
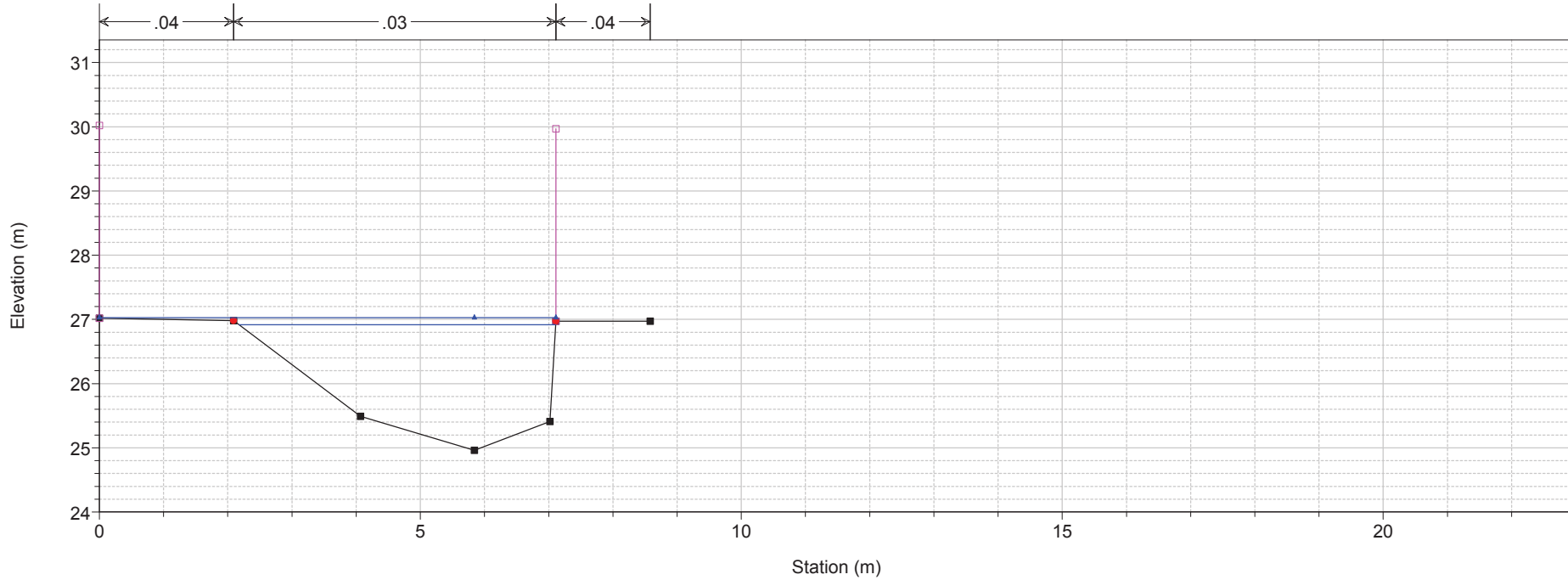




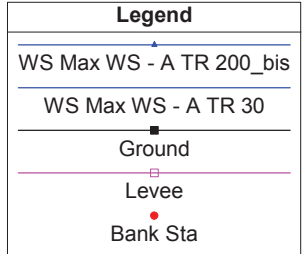
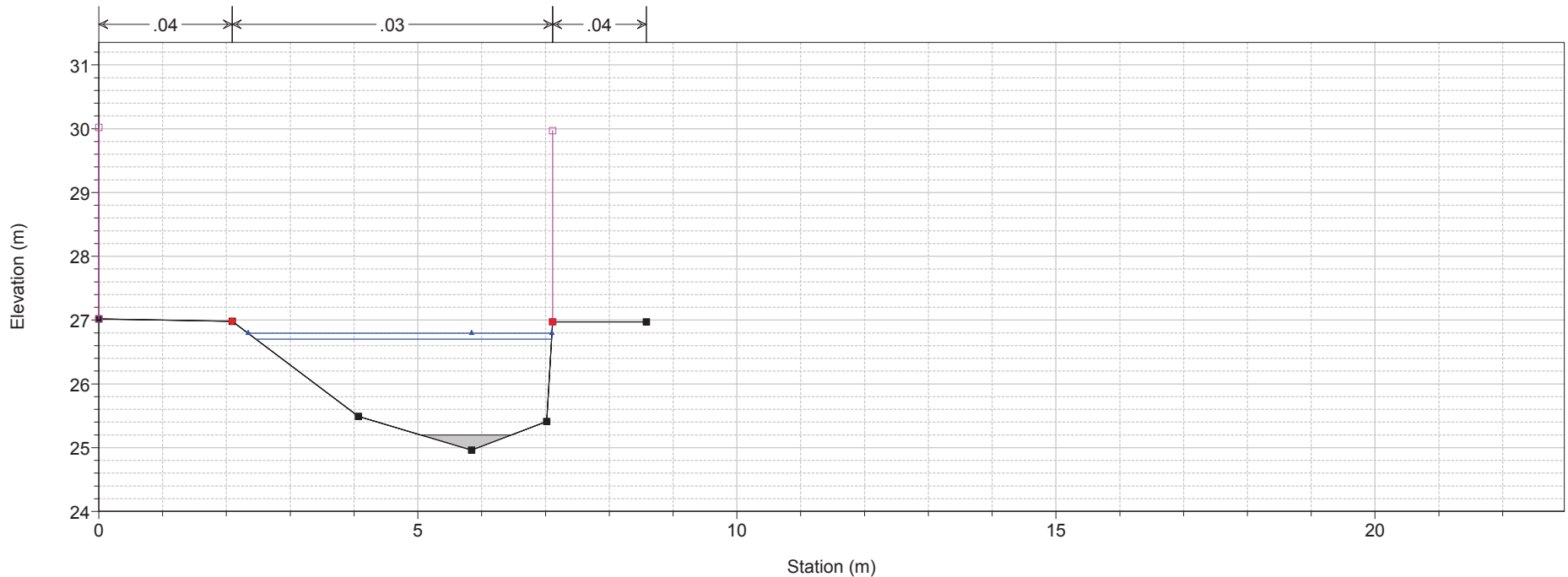
1) A TR 30 2) A TR 200_bis
 River = Botro Secco Reach = Secco RS = 10 Sez. 10s



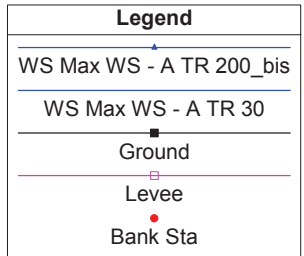
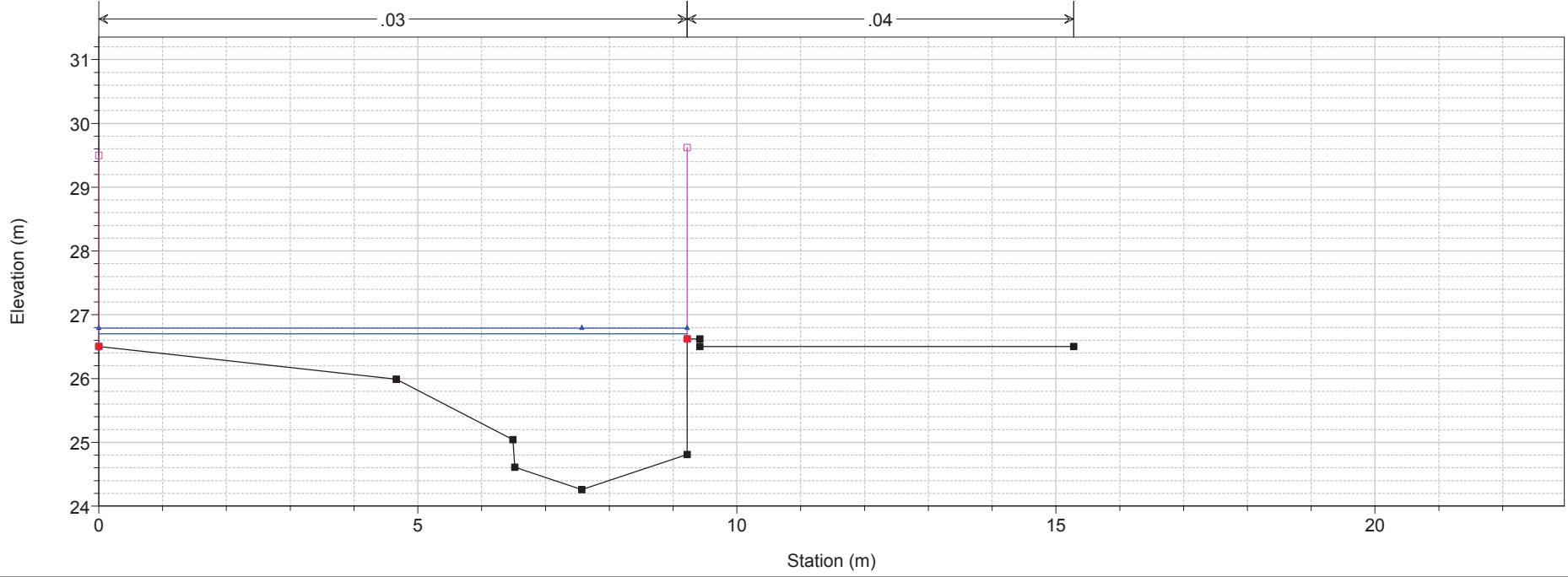
1) A TR 30 2) A TR 200_bis
 River = Botro Secco Reach = Secco RS = 9.7



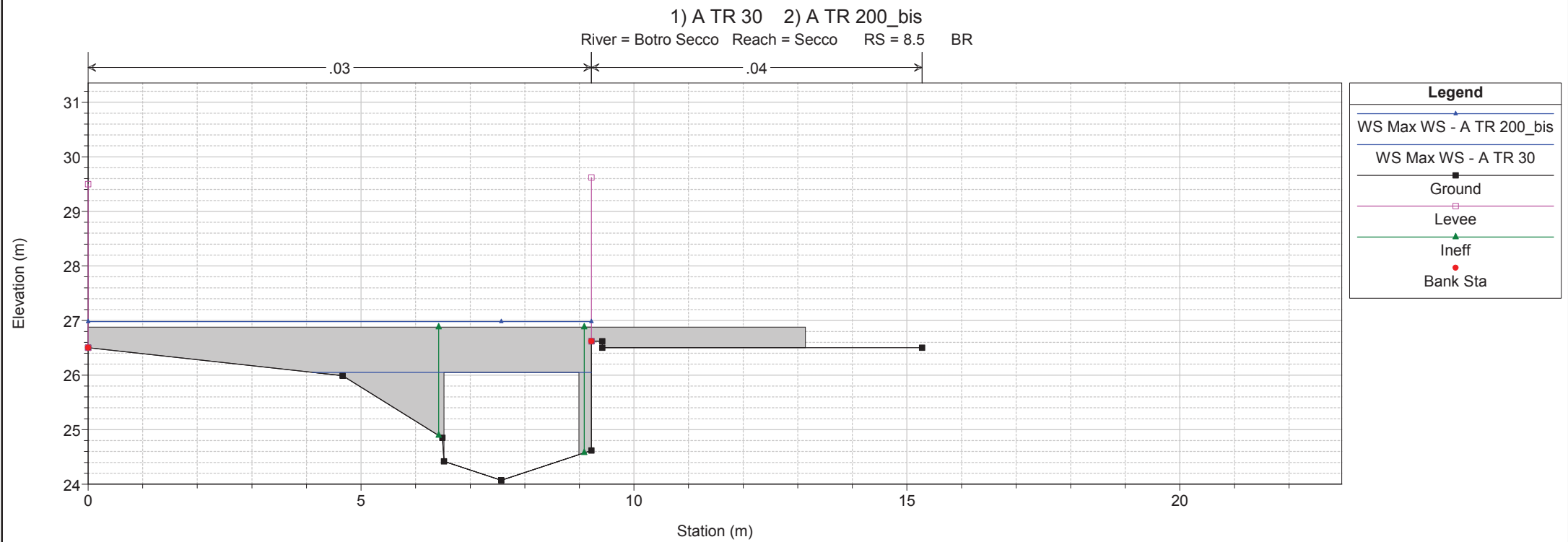
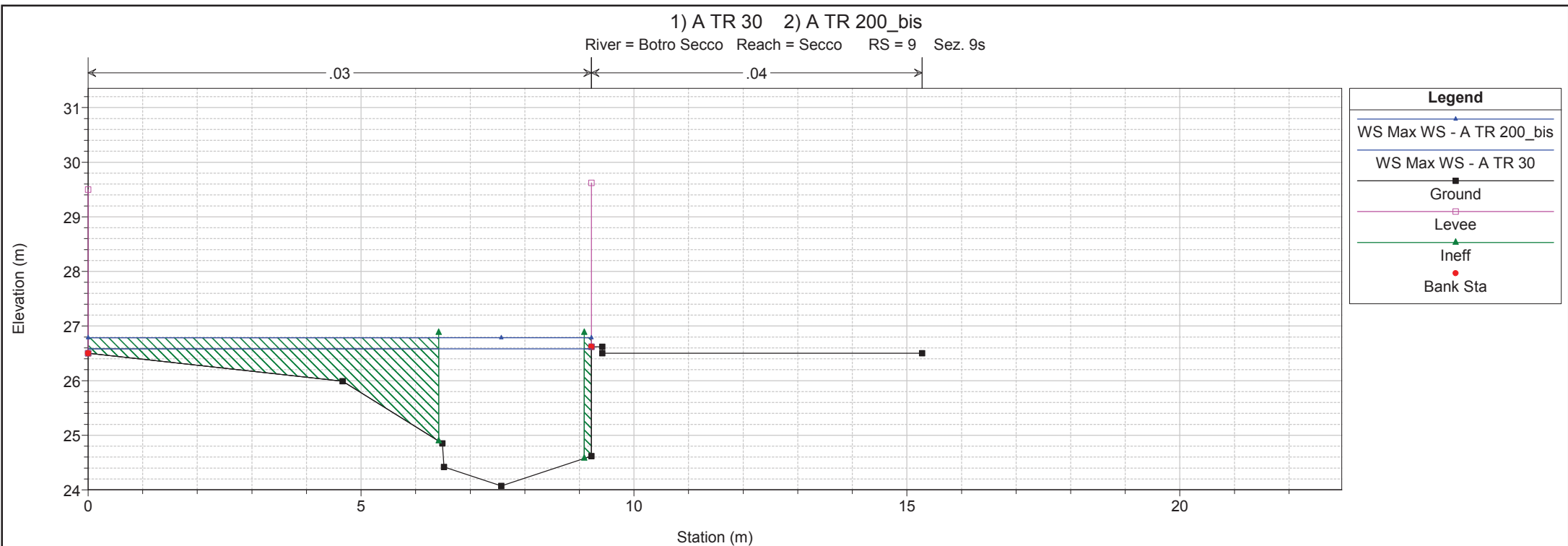
1) A TR 30 2) A TR 200_bis
 River = Botro Secco Reach = Secco RS = 9.5 IS

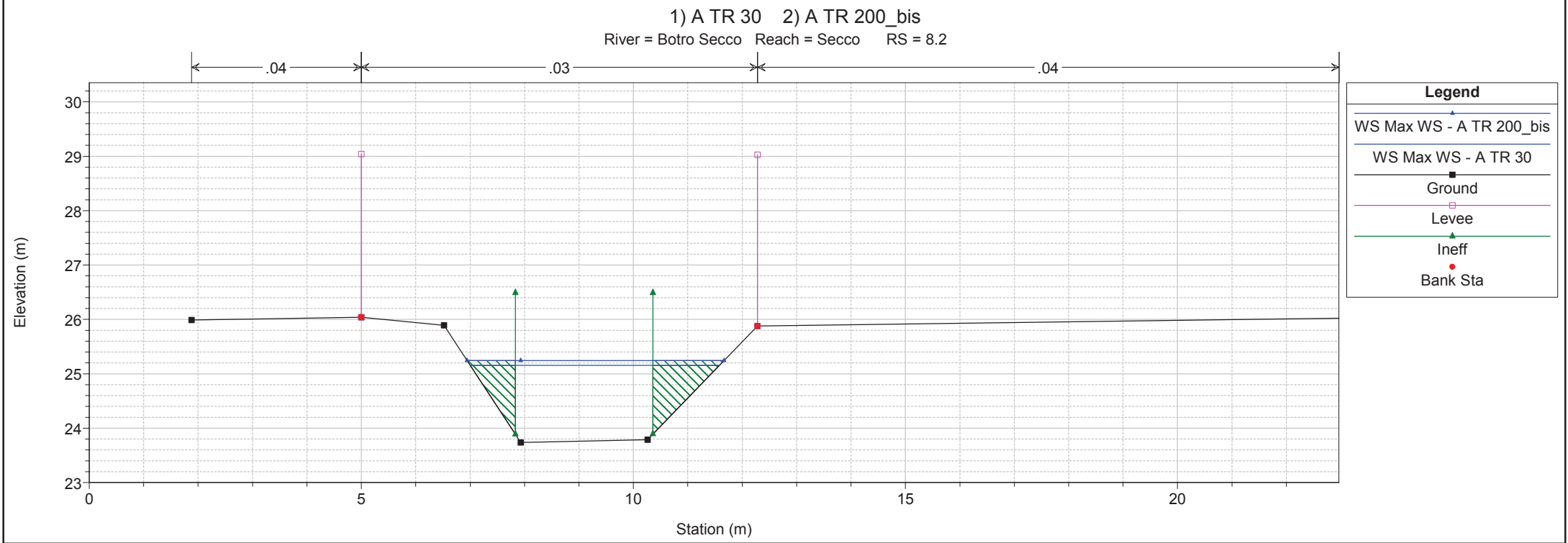
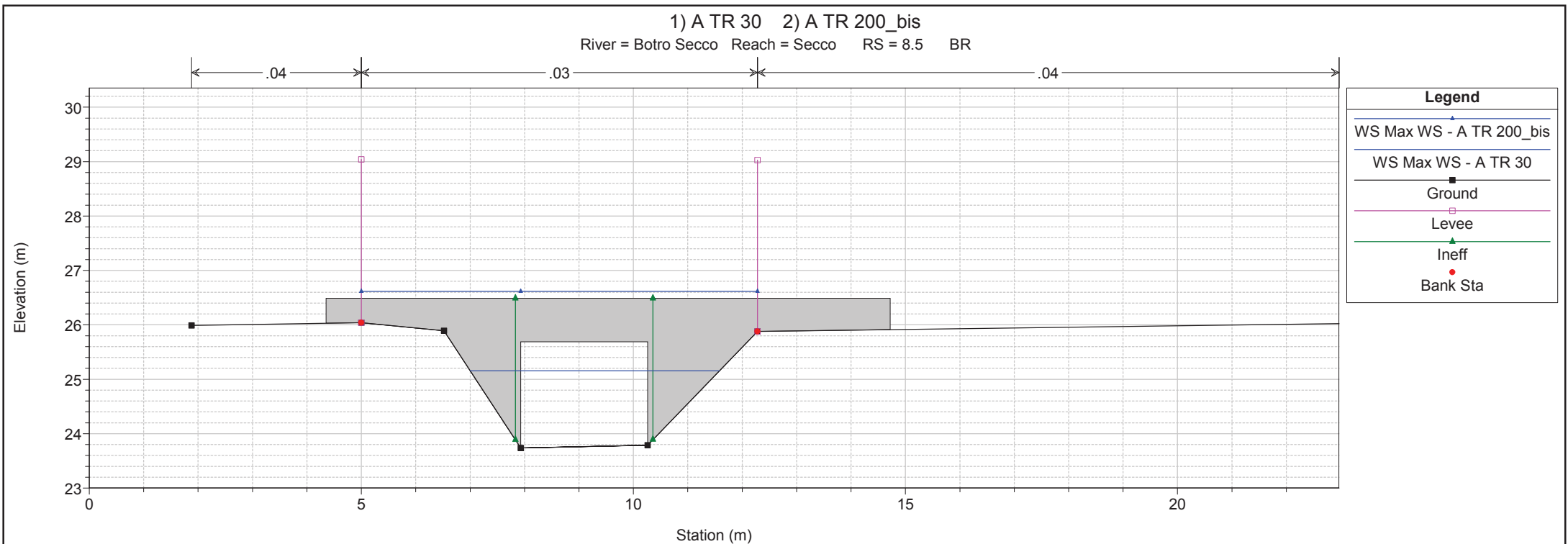


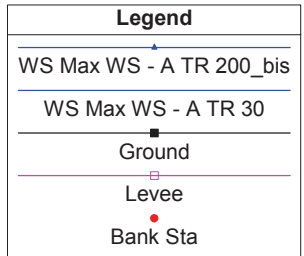
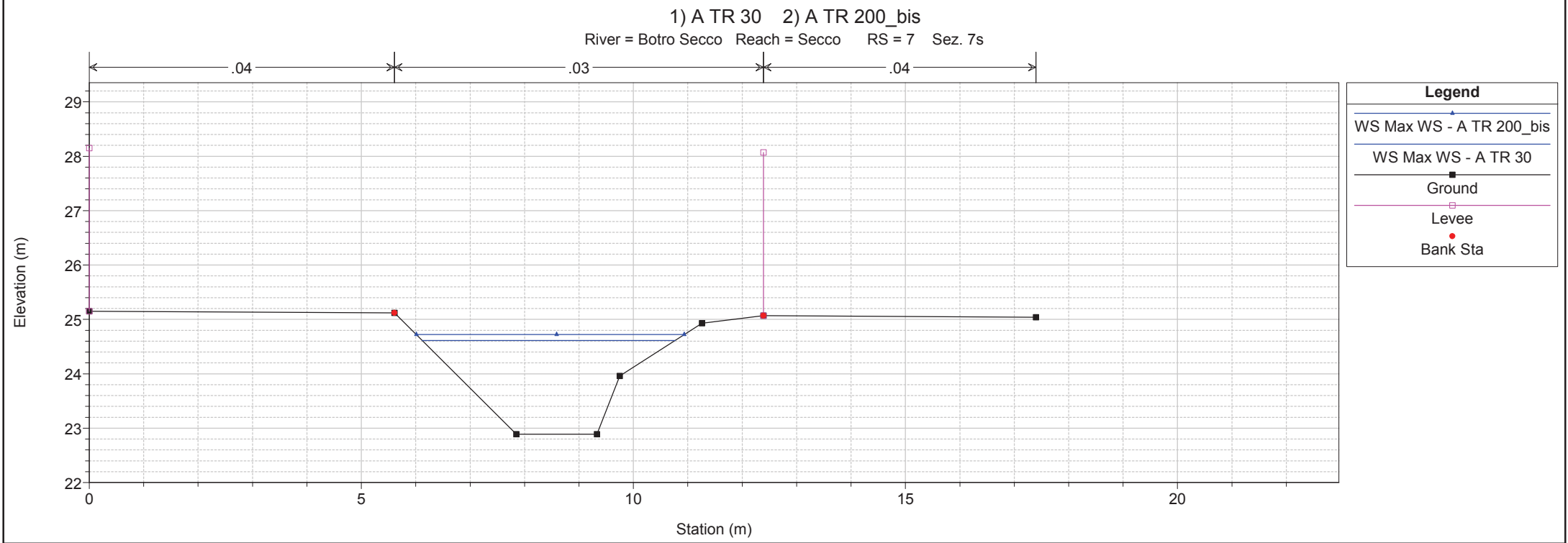
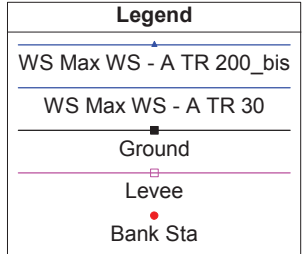
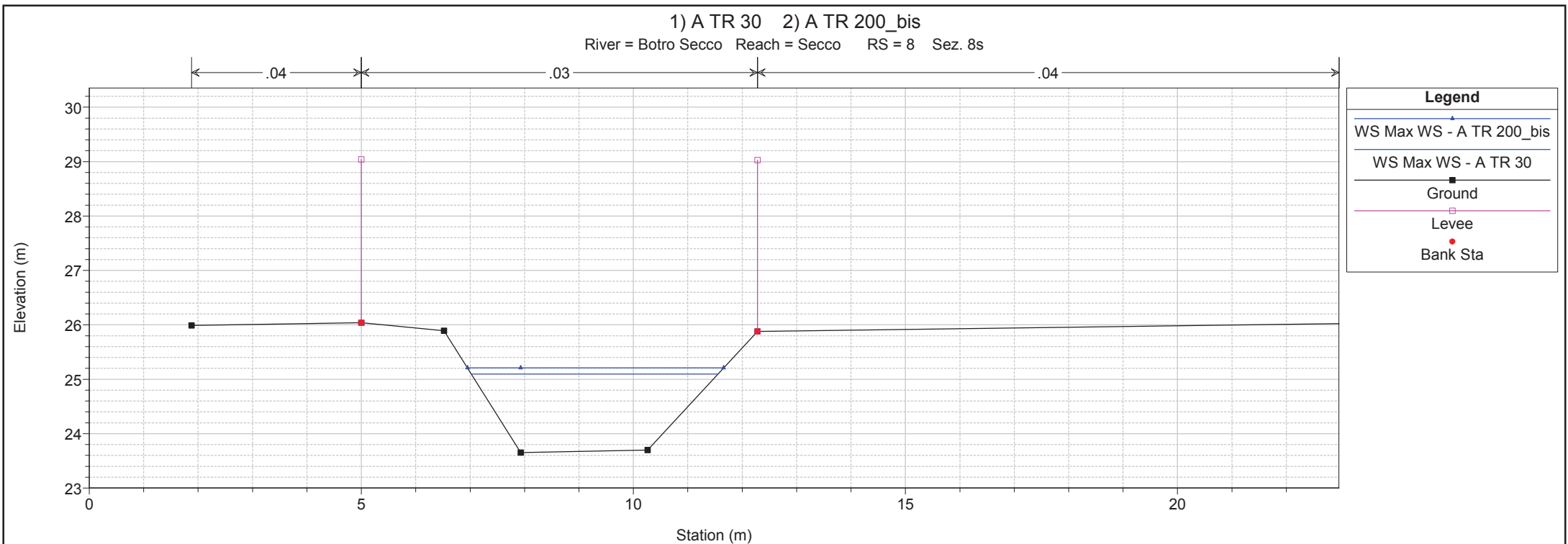
1) A TR 30 2) A TR 200_bis
 River = Botro Secco Reach = Secco RS = 9.3



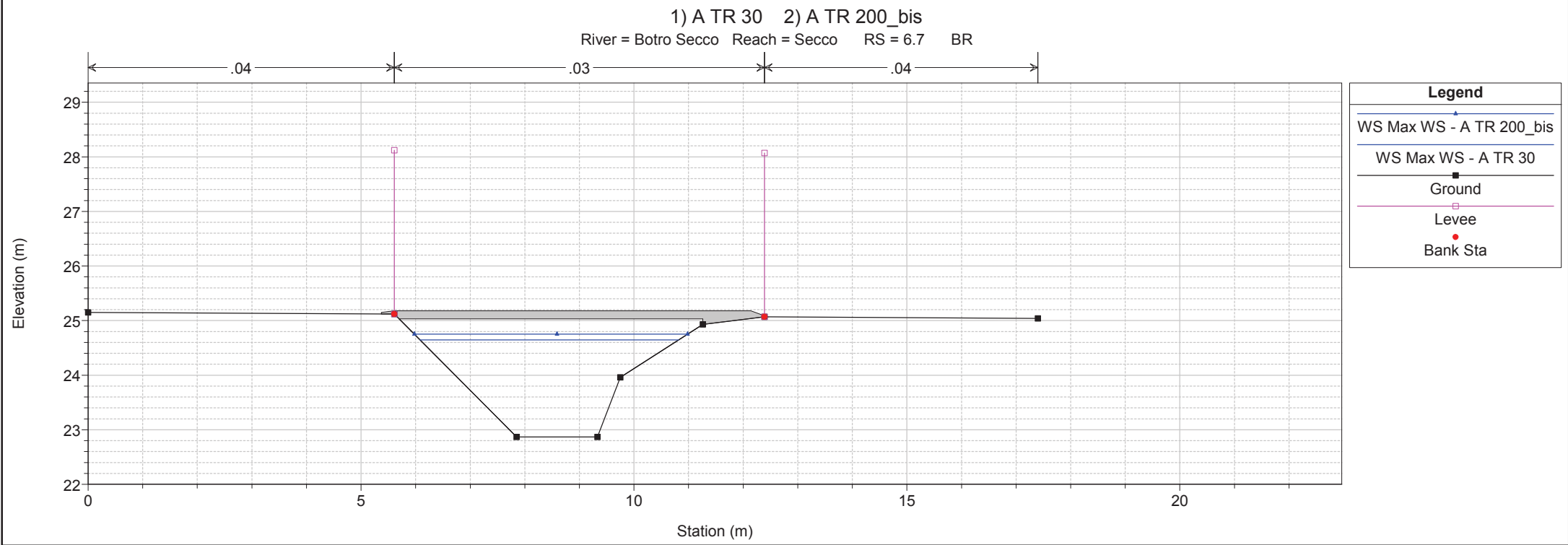
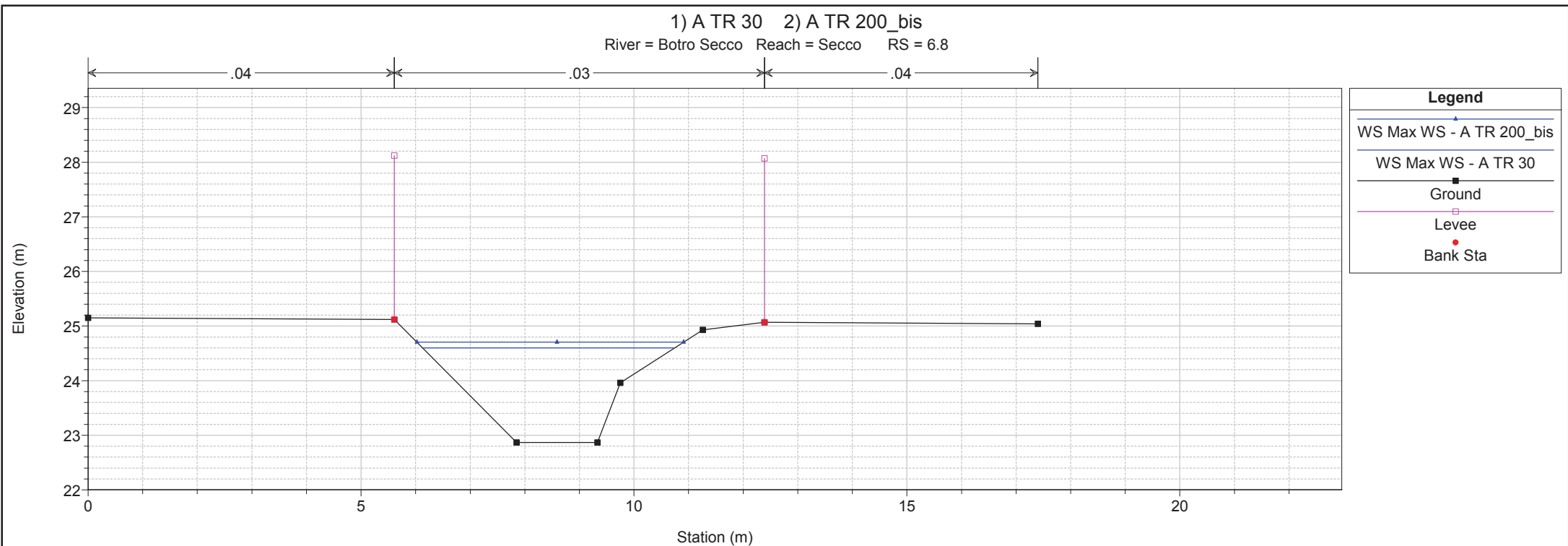
1 cm Horiz. = 1 m 1 cm Vert. = 1 m

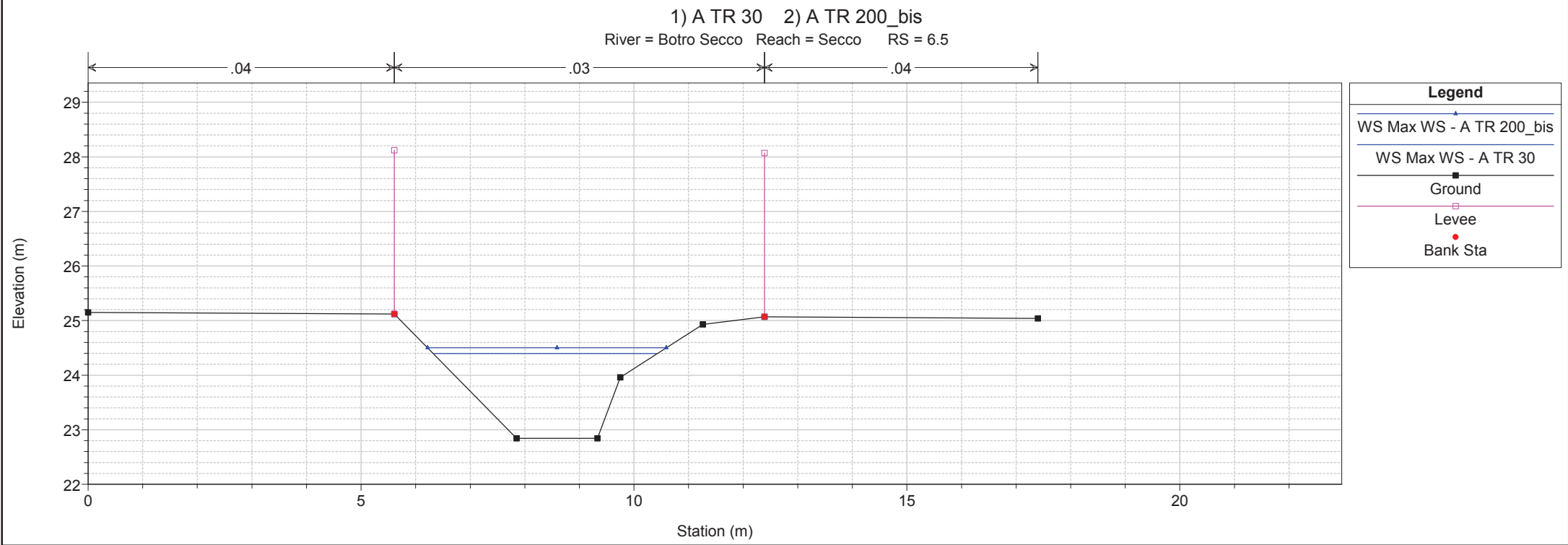
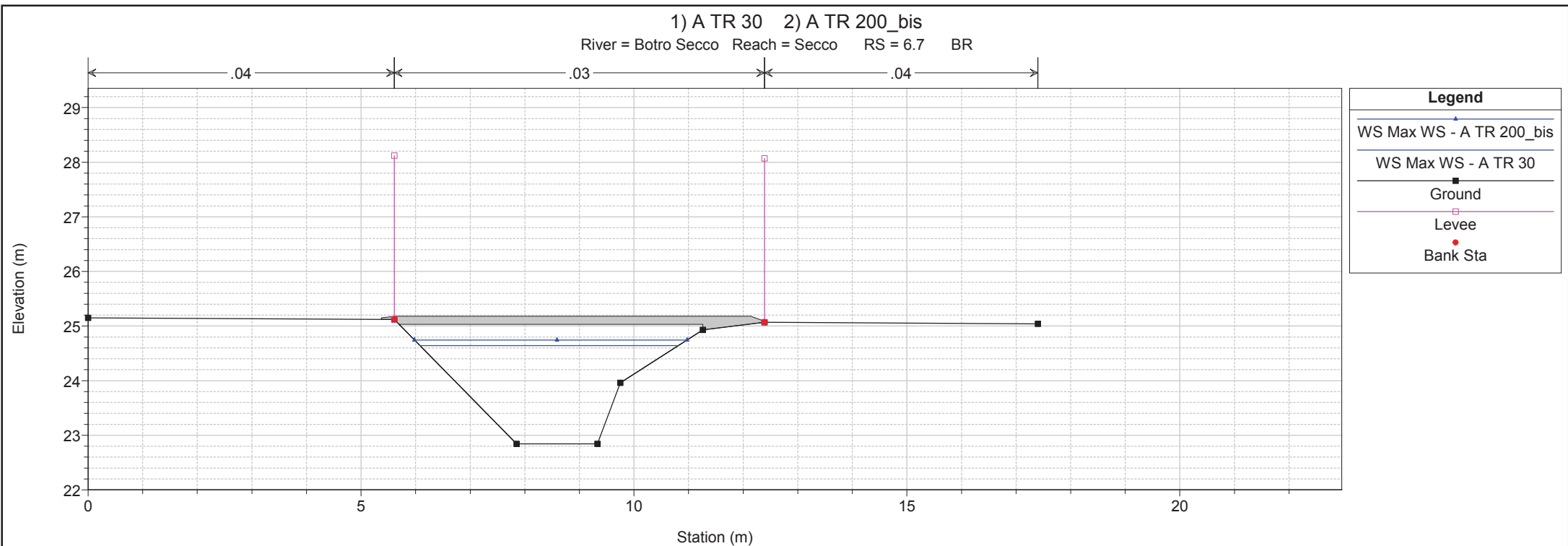


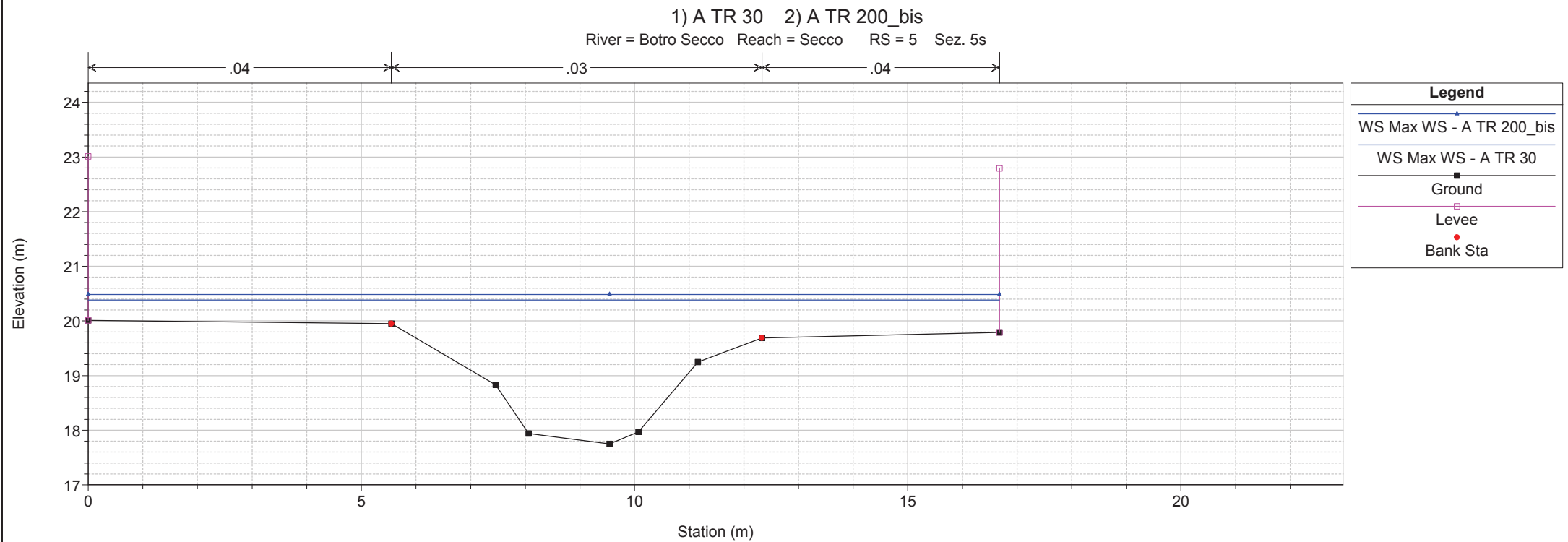
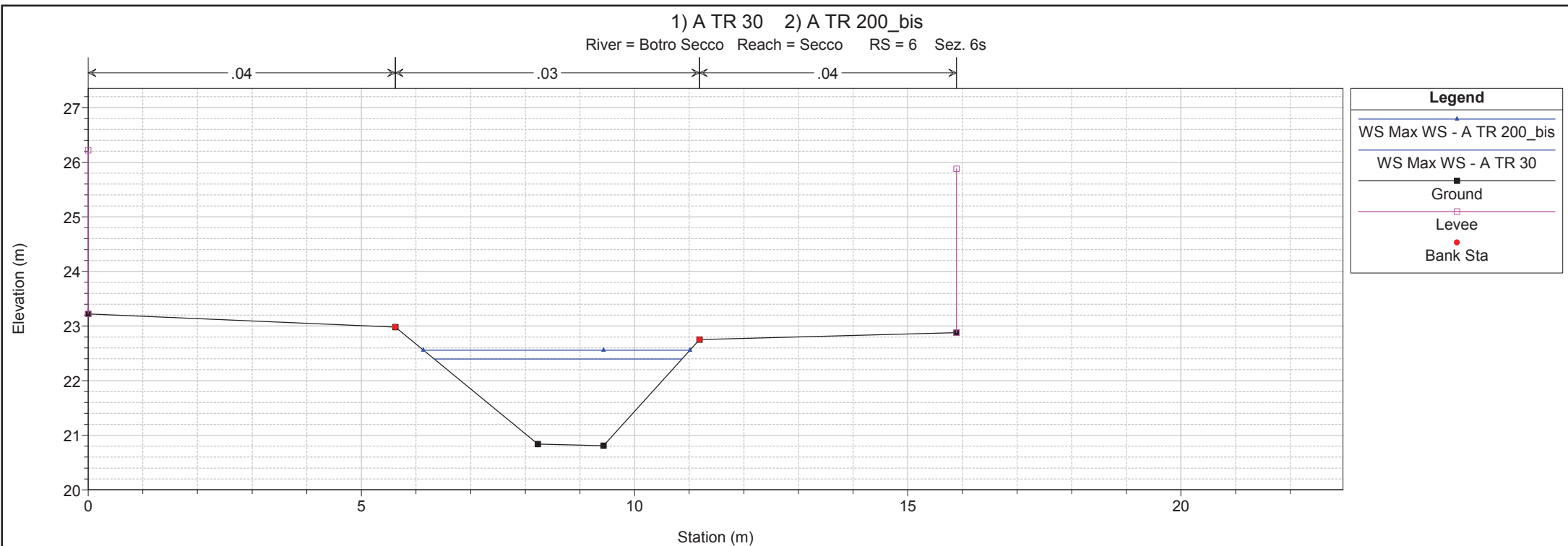


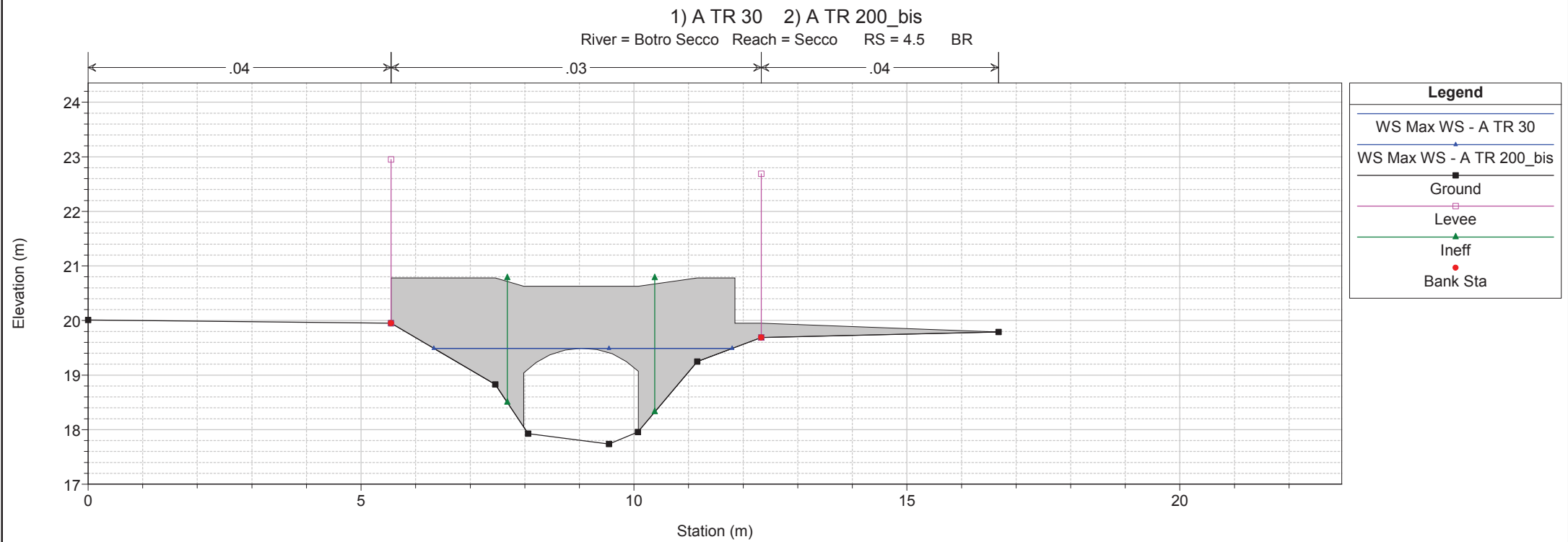
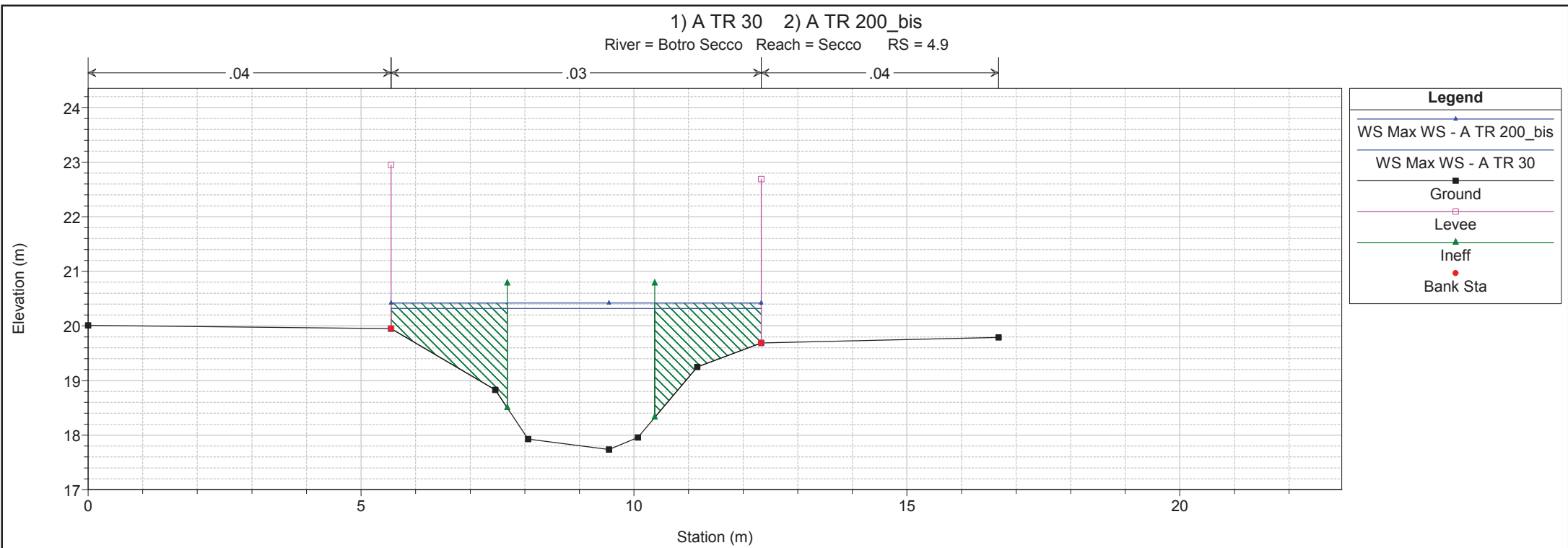


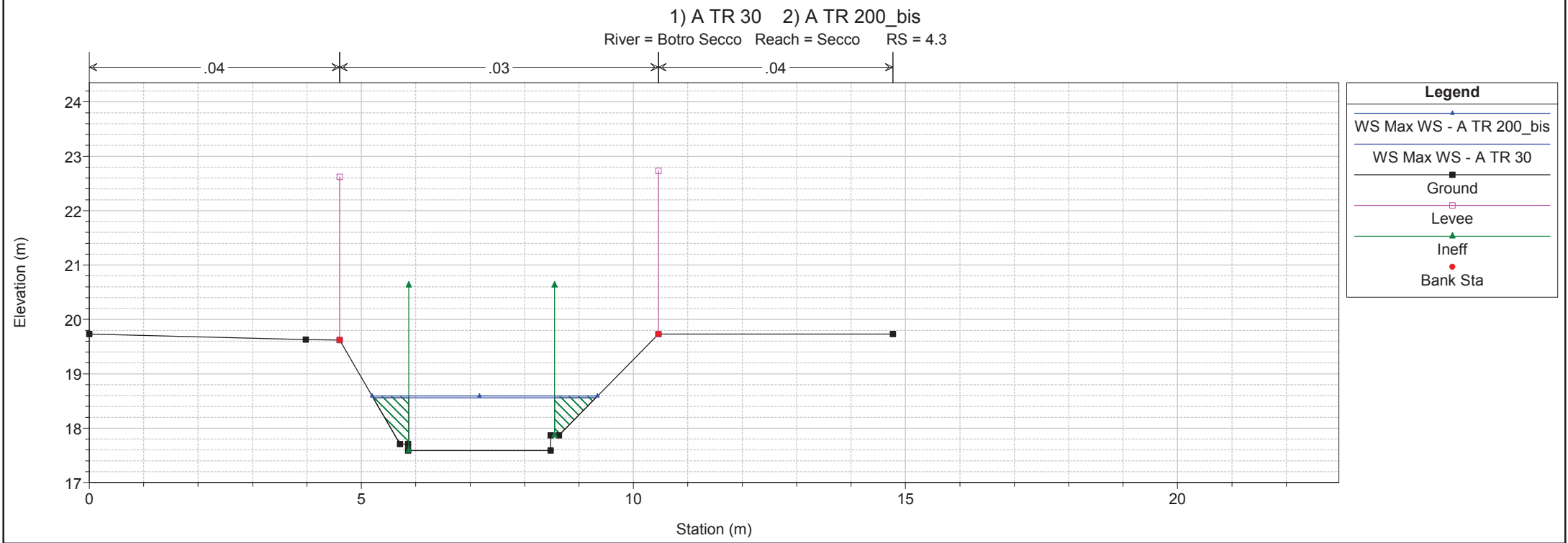
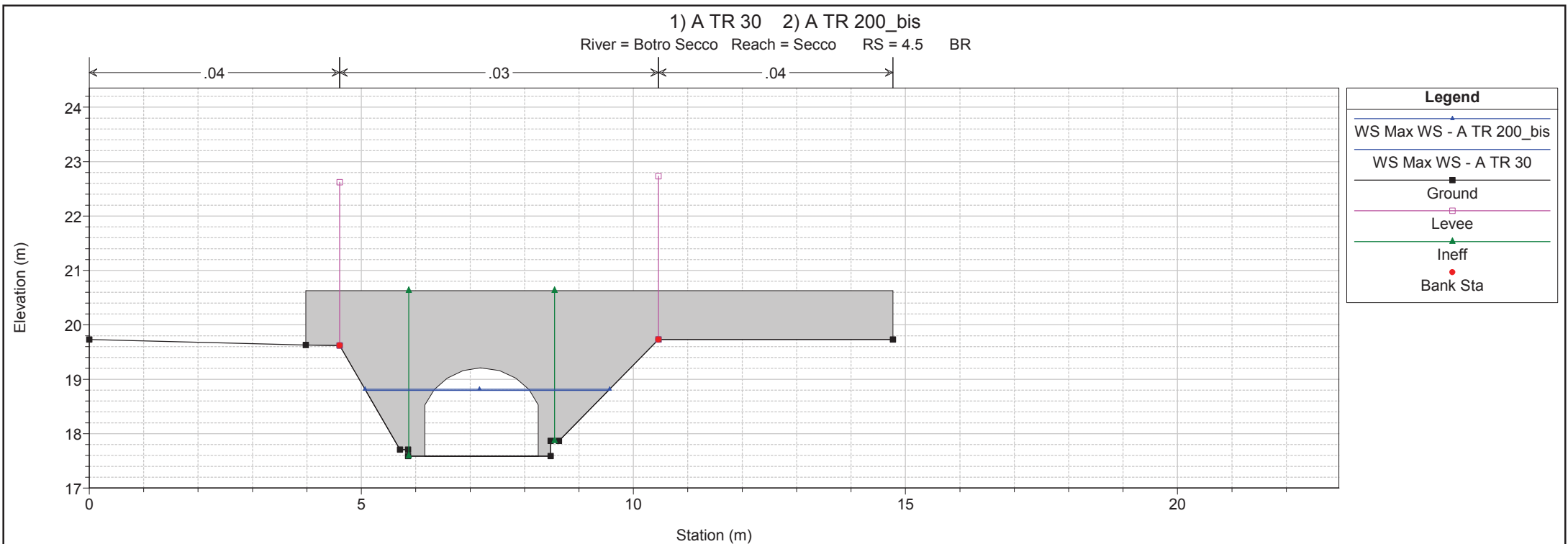
1 cm Horiz. = 1 m 1 cm Vert. = 1 m

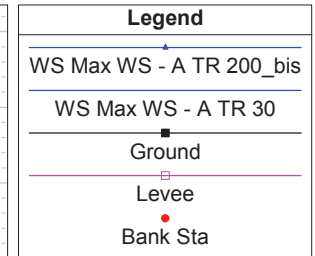
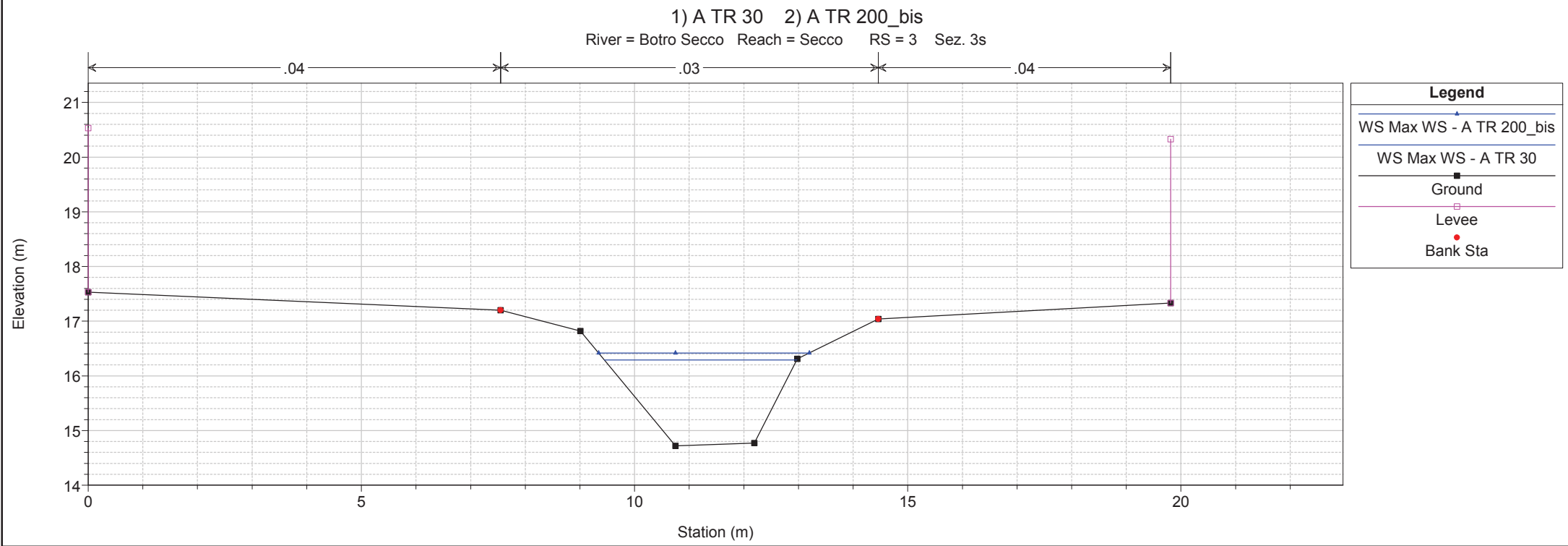
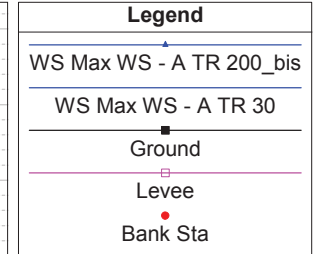
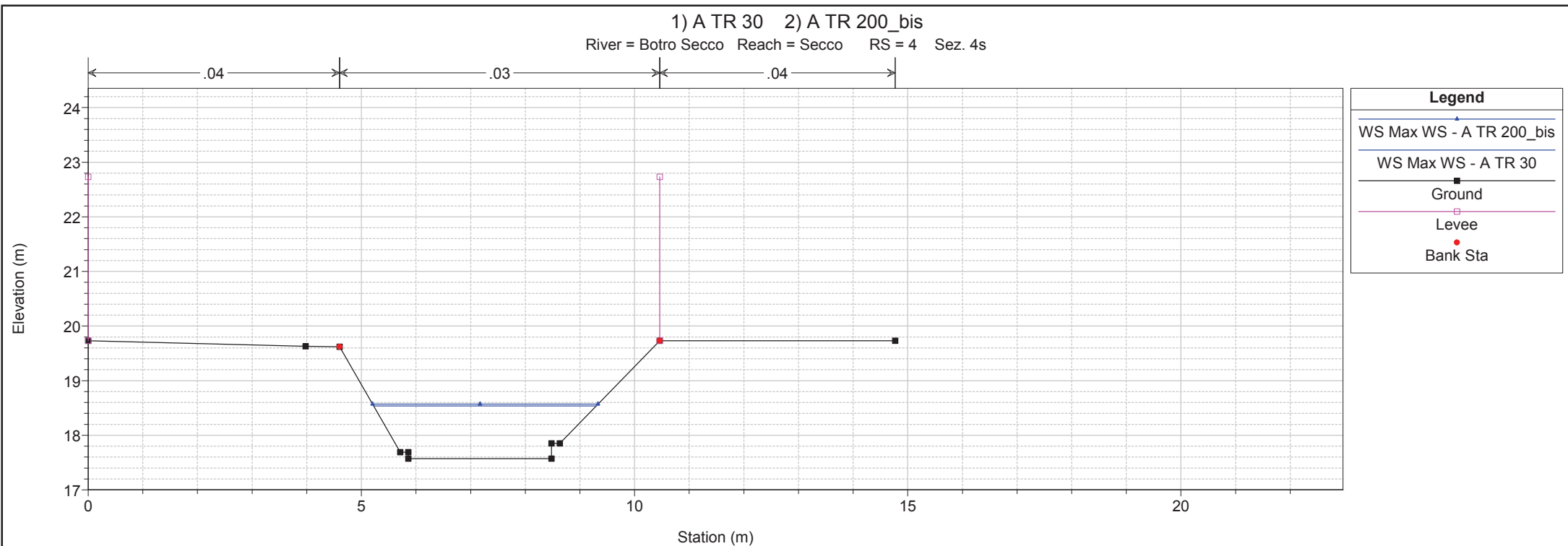


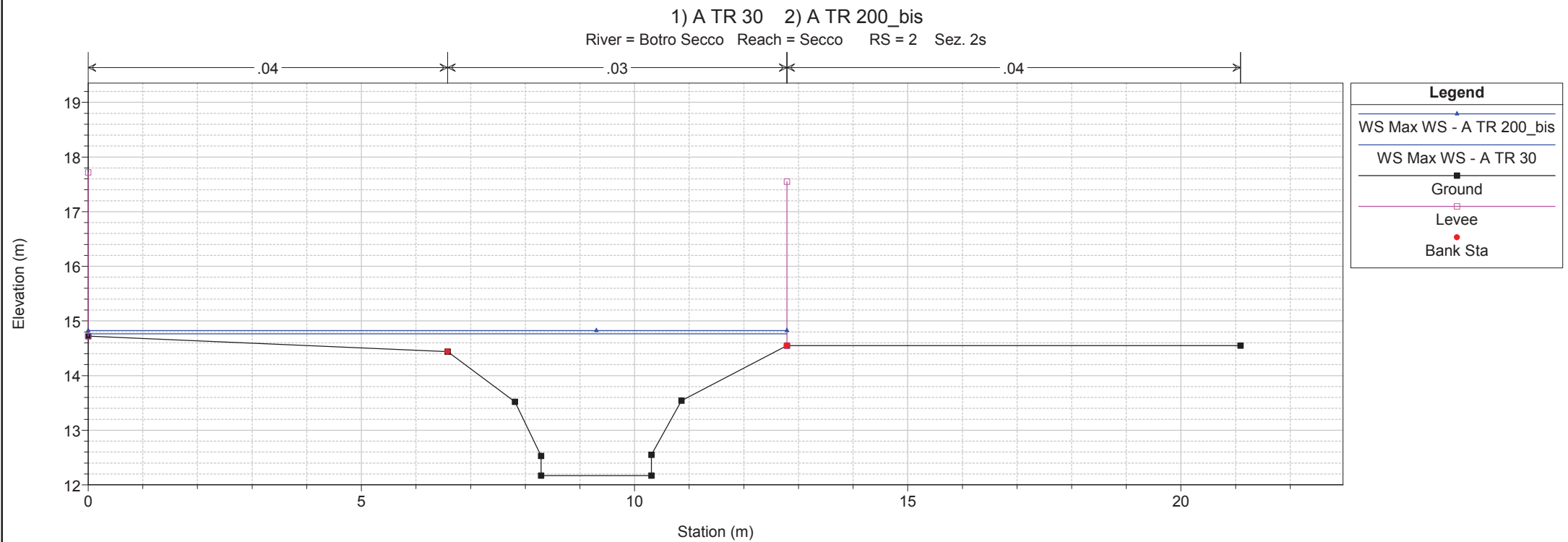
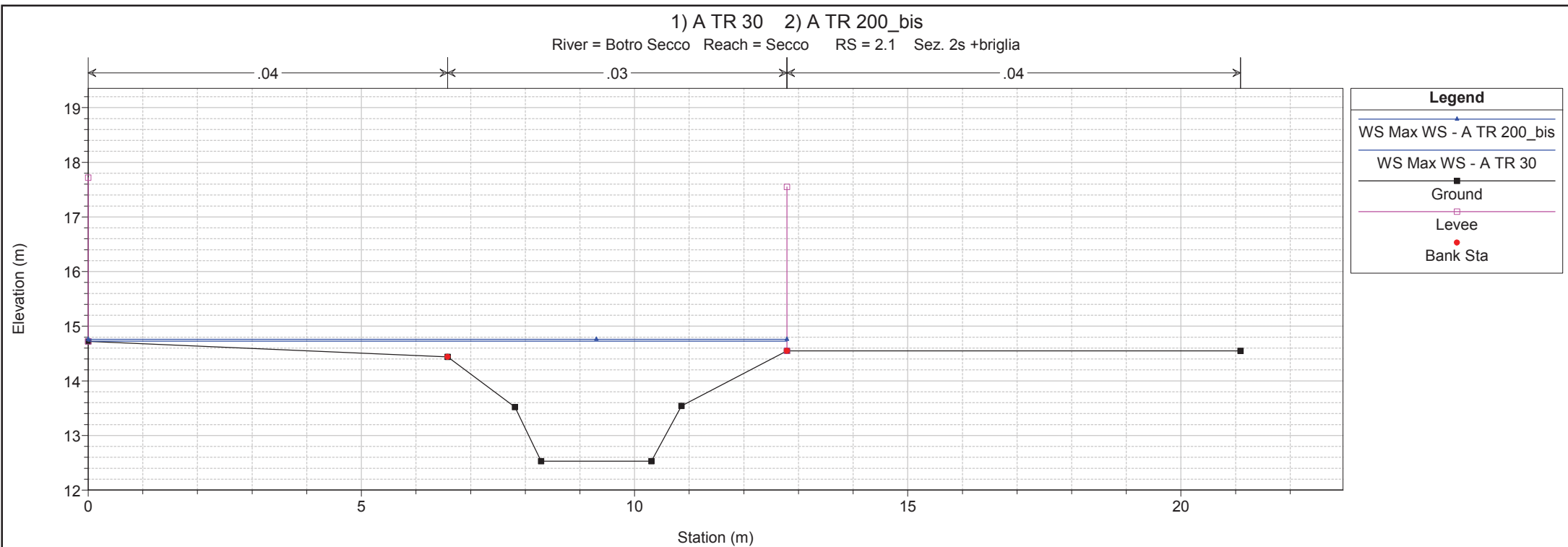


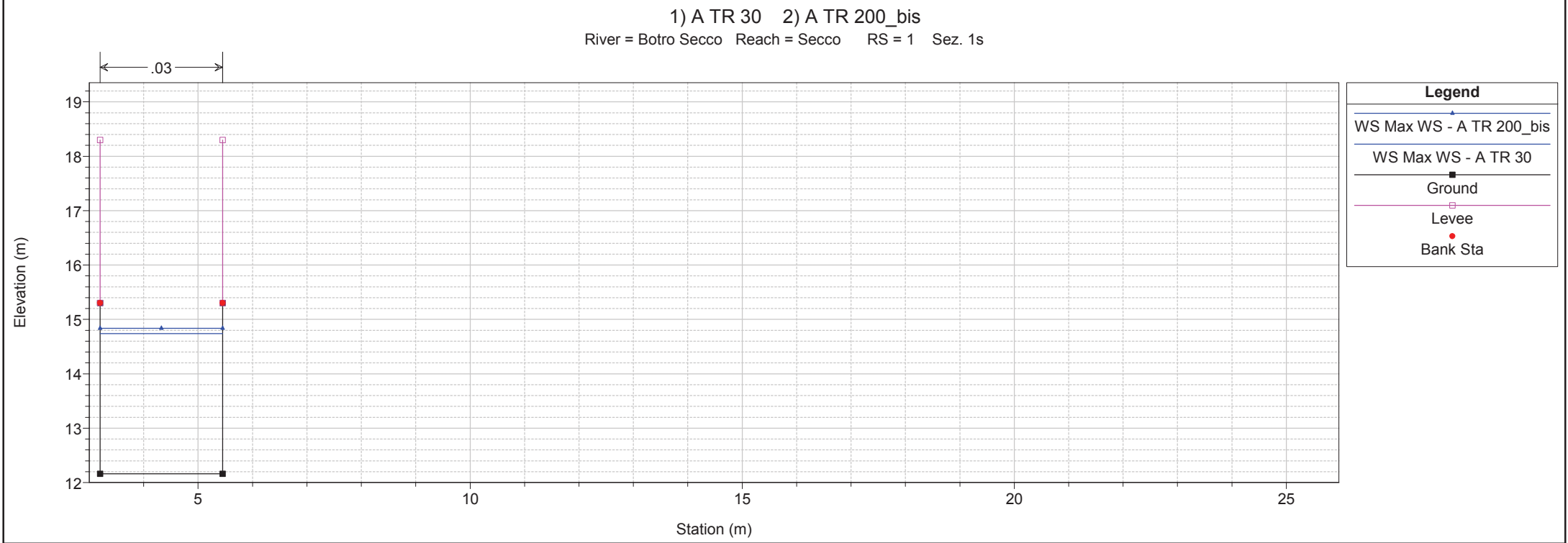
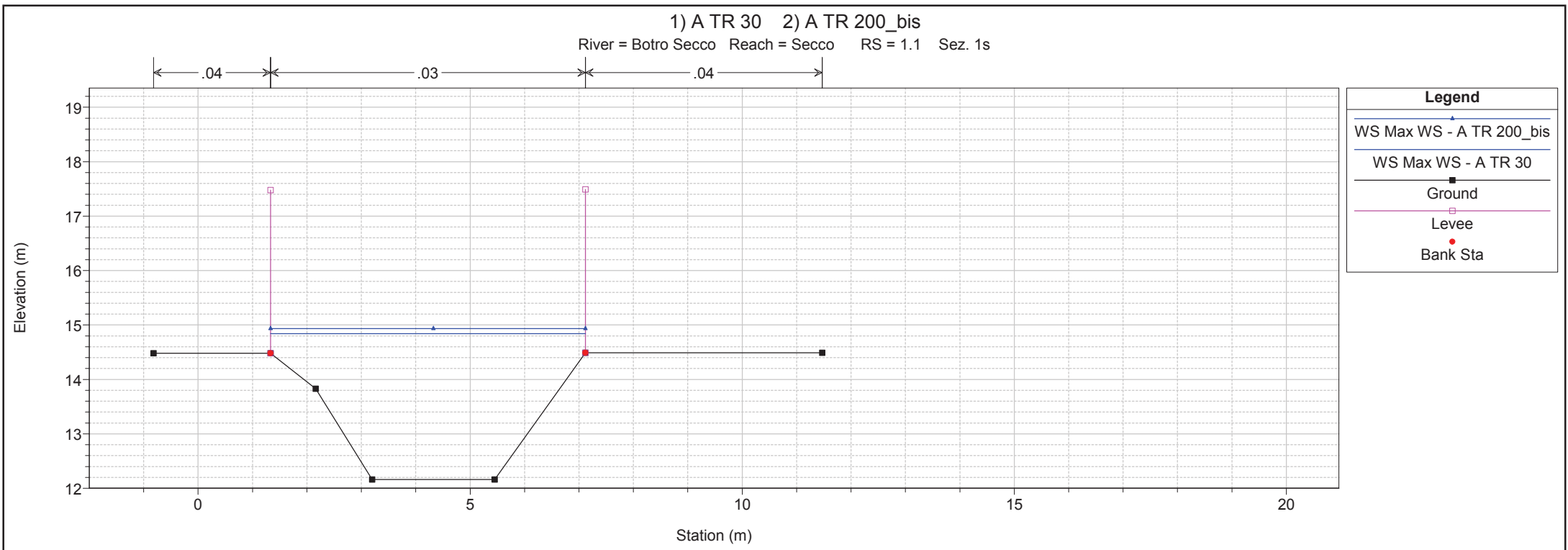






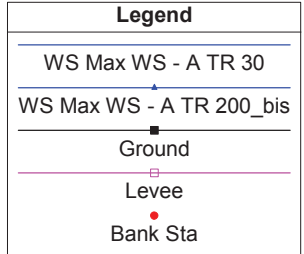
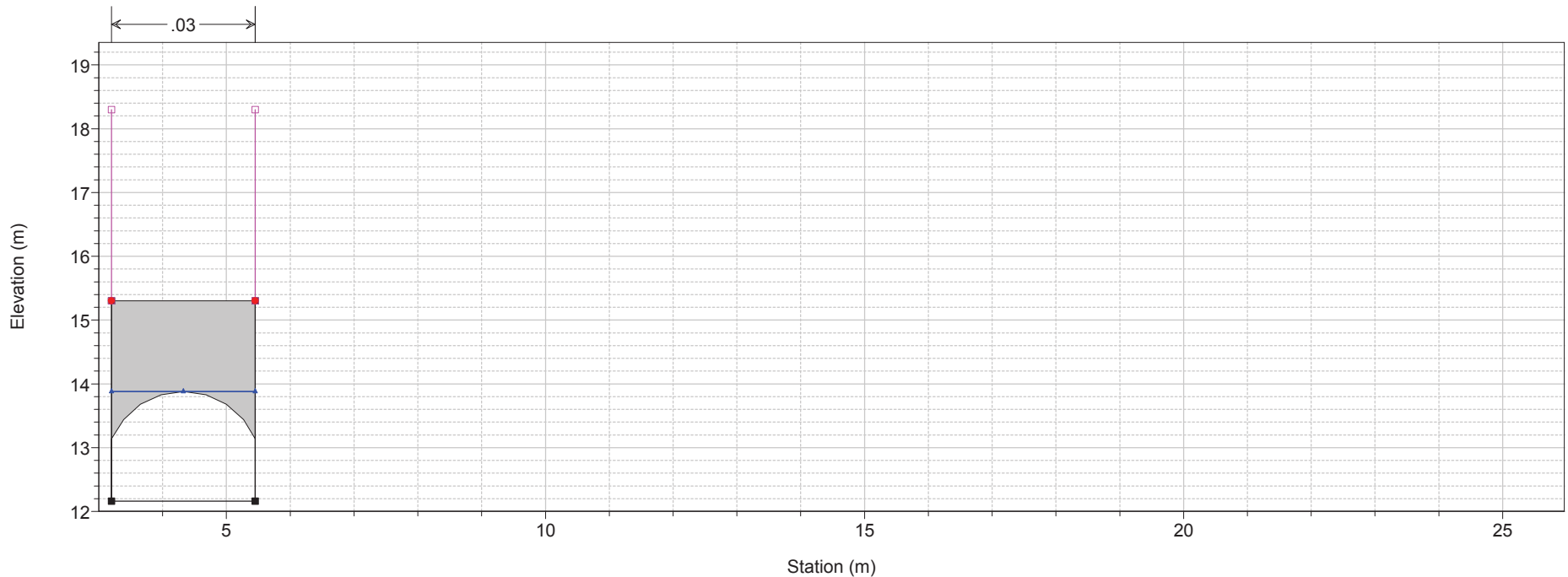




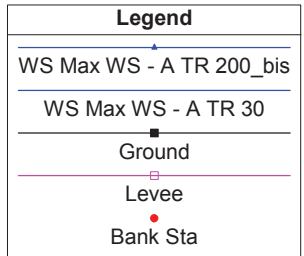
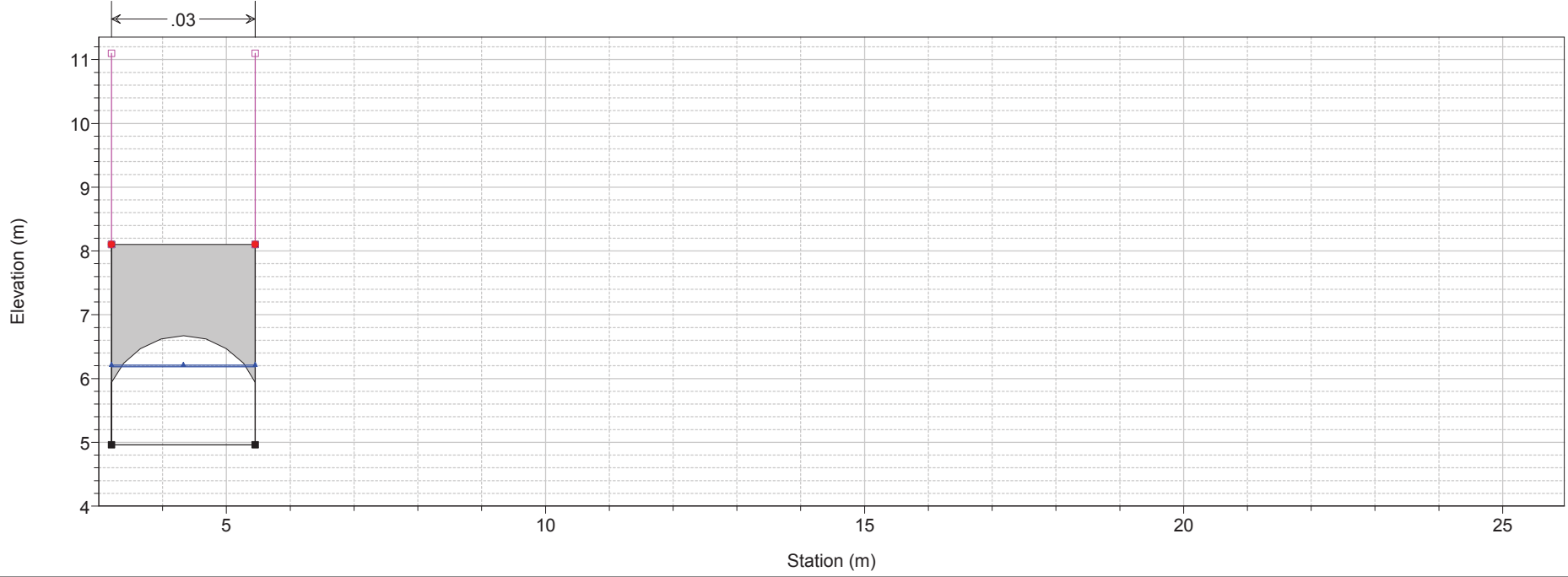


1 cm Horiz. = 1 m 1 cm Vert. = 1 m

1) A TR 30 2) A TR 200_bis
 River = Botro Secco Reach = Secco RS = 0.99 BR

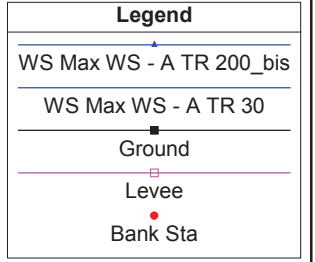
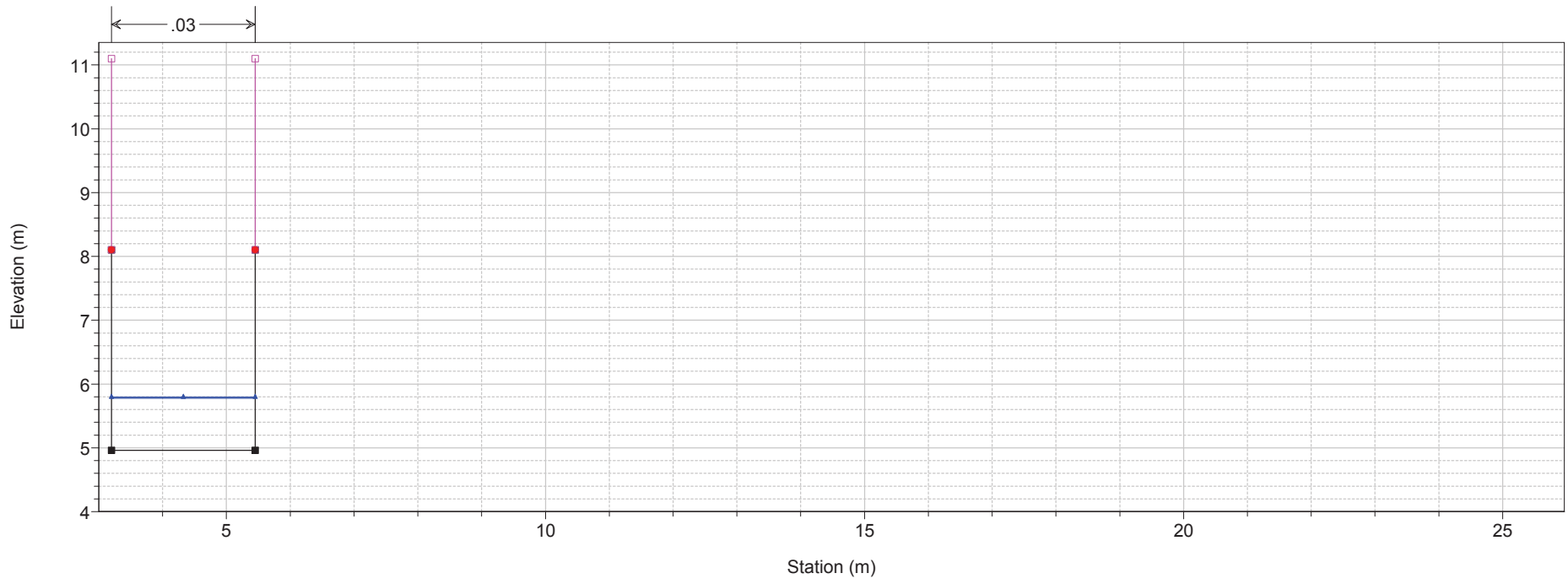


1) A TR 30 2) A TR 200_bis
 River = Botro Secco Reach = Secco RS = 0.99 BR

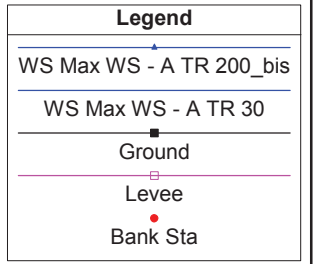
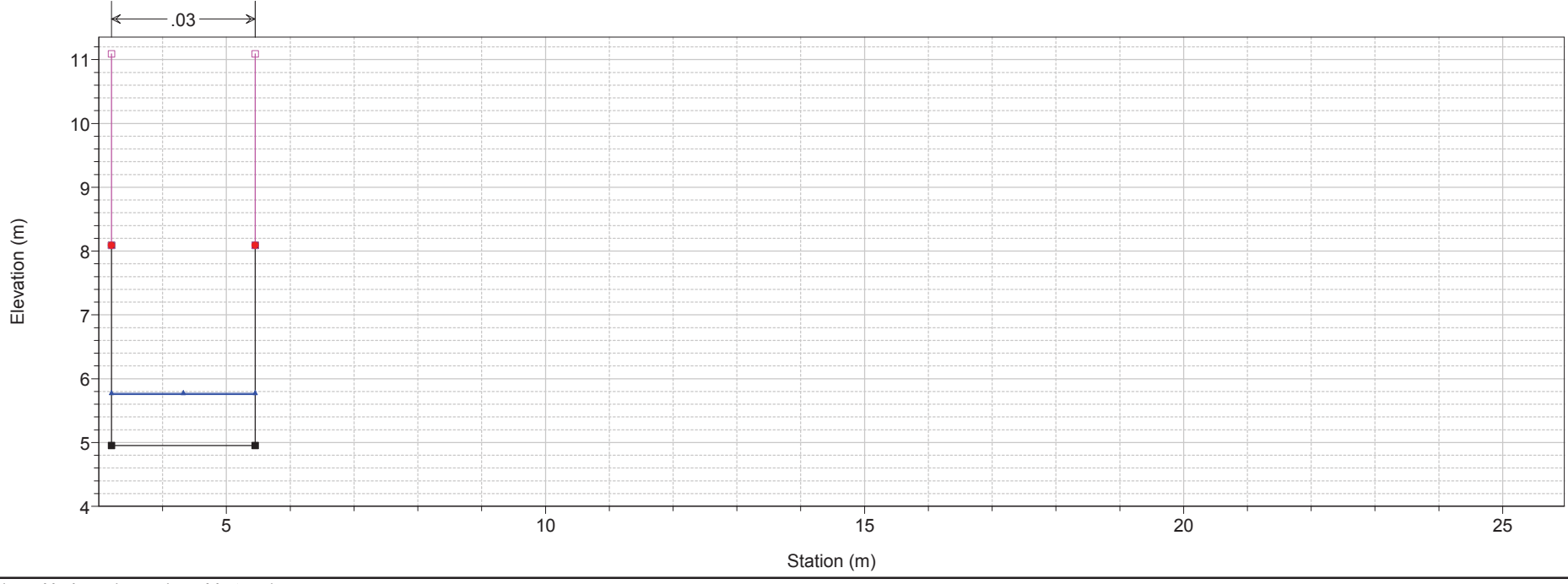


1 cm Horiz. = 1 m 1 cm Vert. = 1 m

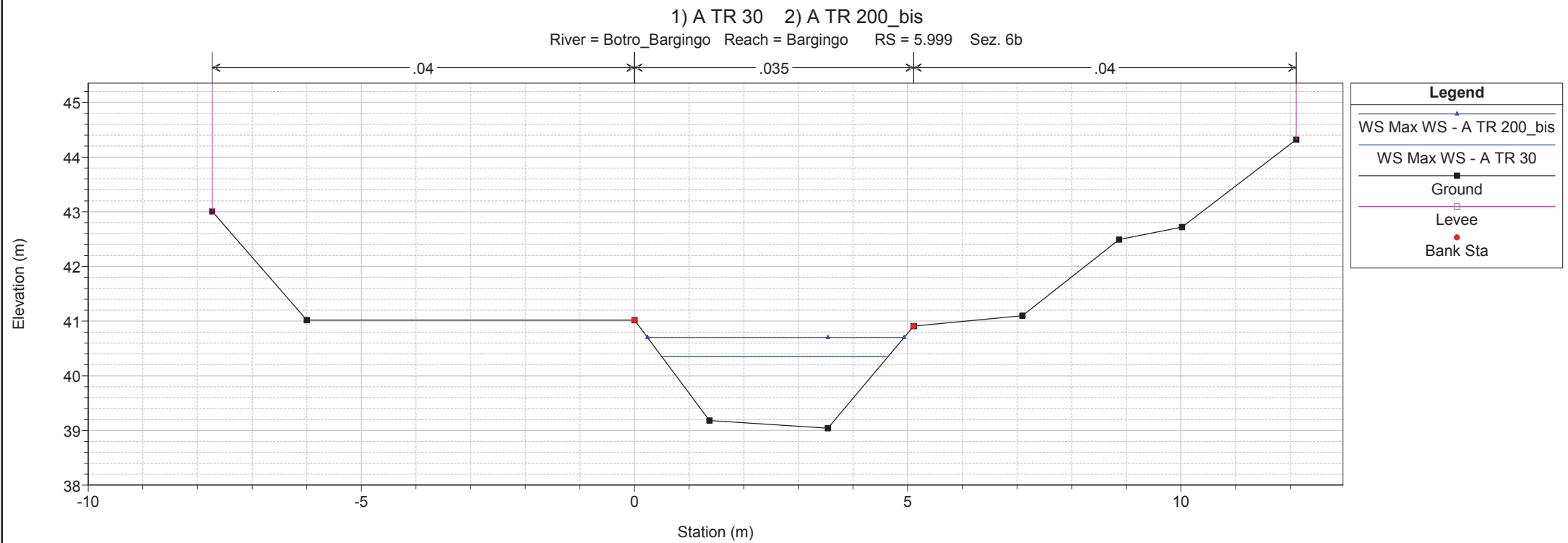
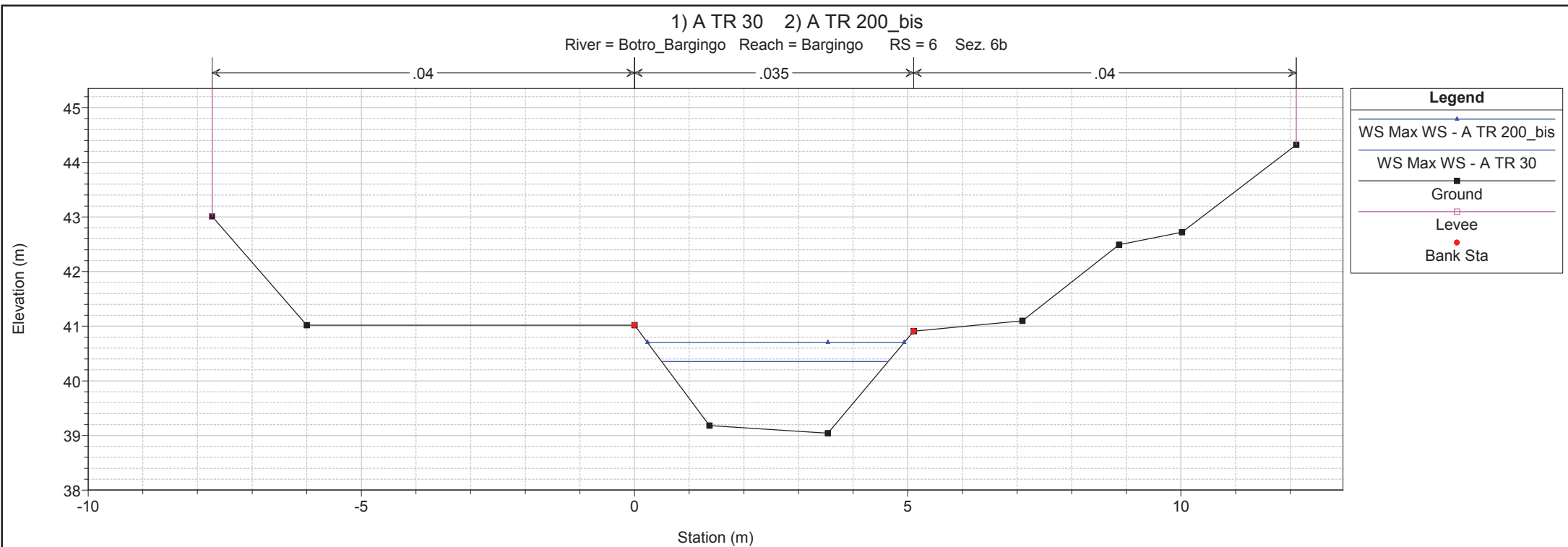
1) A TR 30 2) A TR 200_bis
River = Botro Secco Reach = Secco RS = 0.95

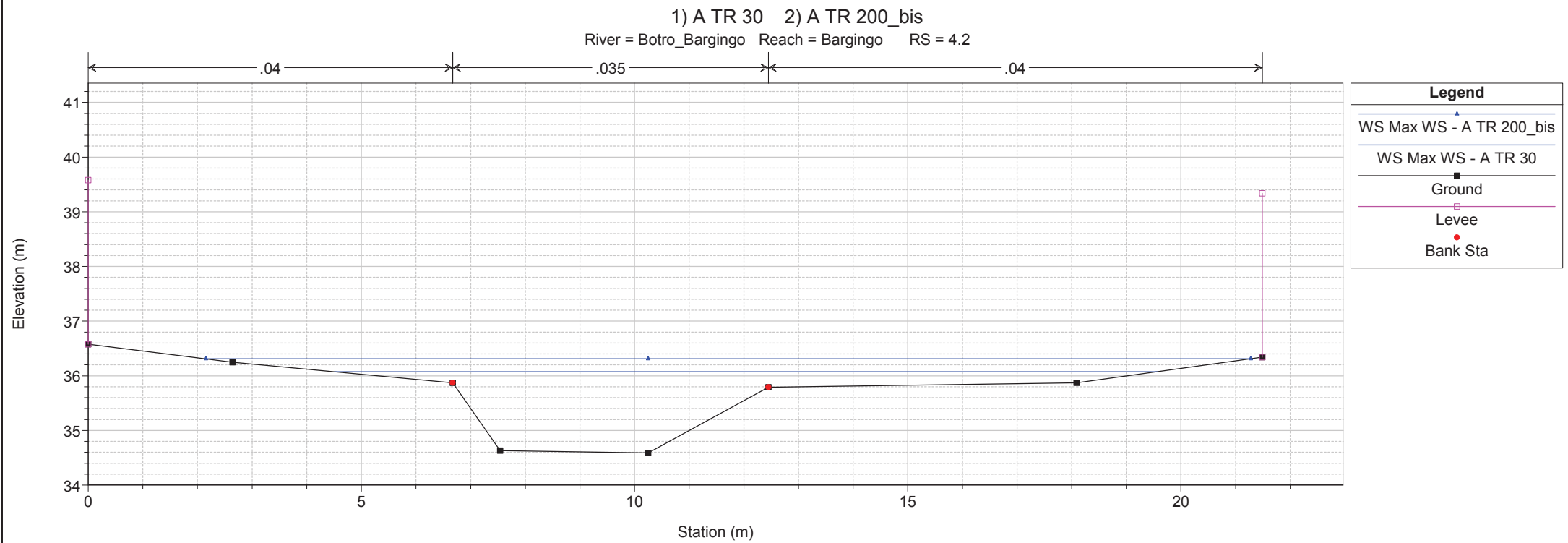
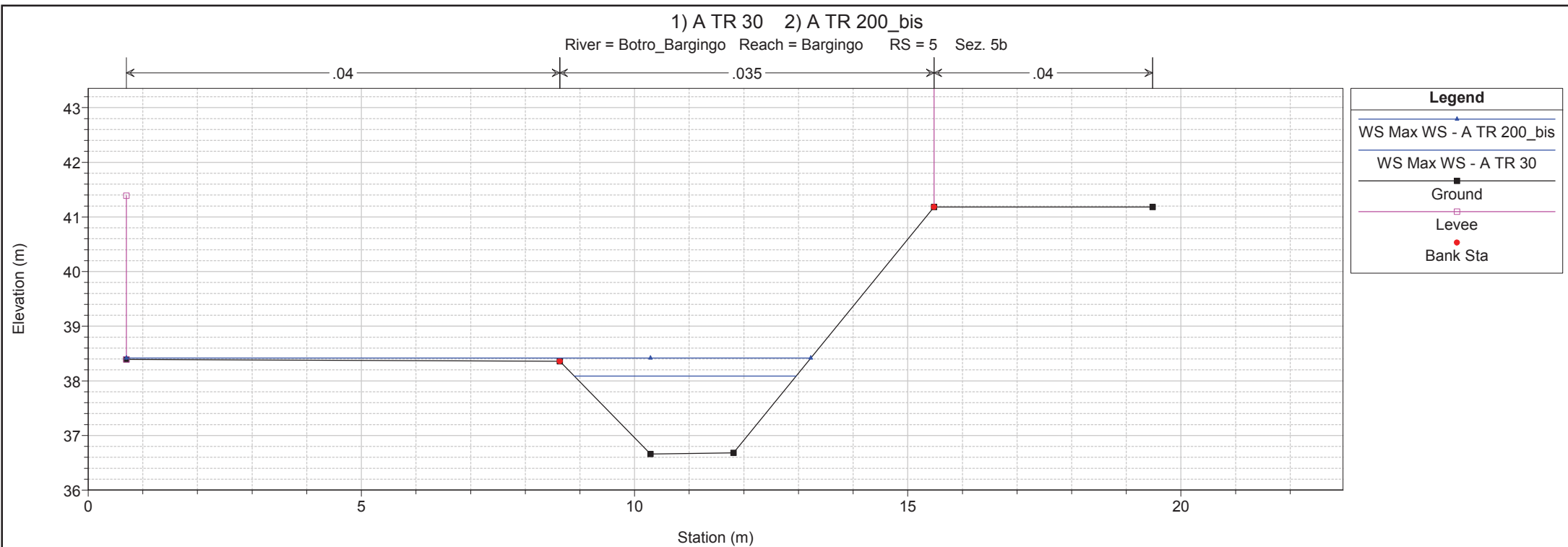


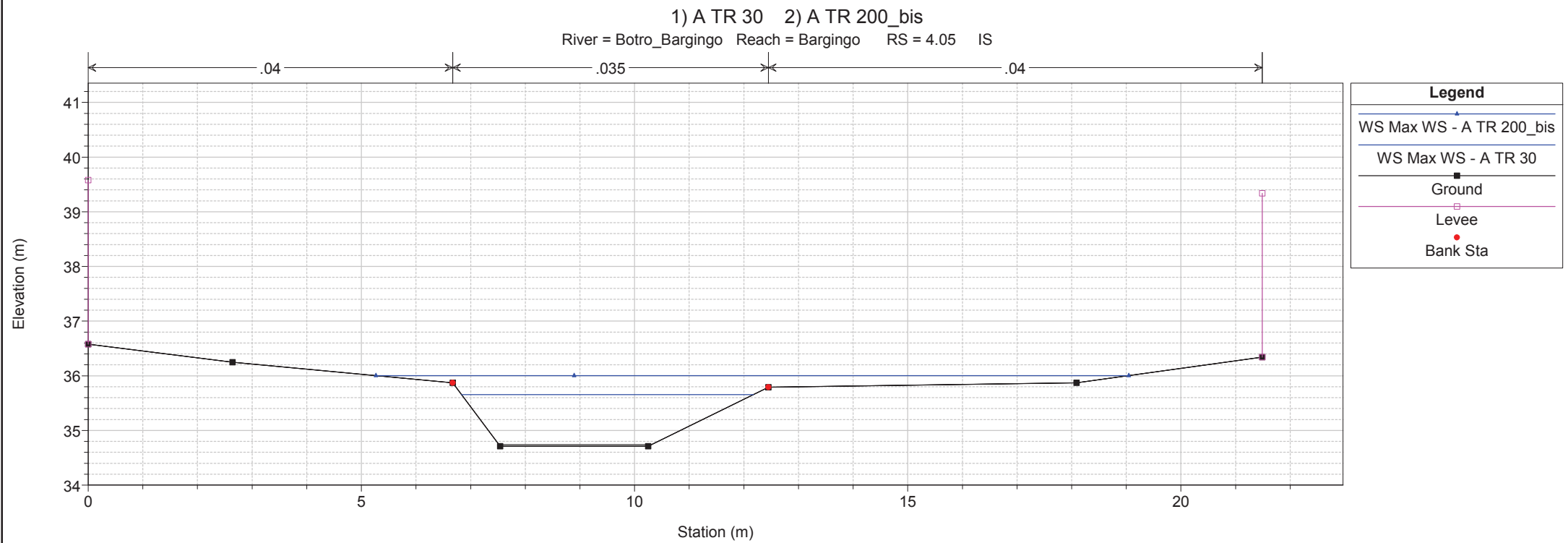
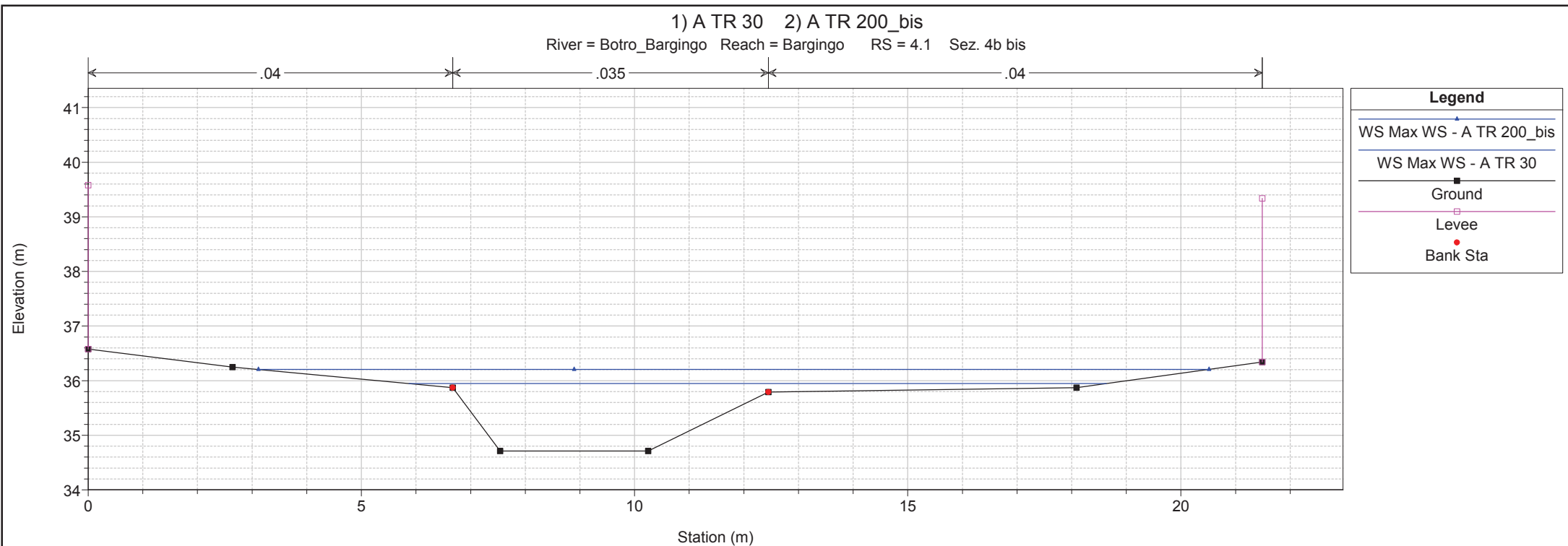
1) A TR 30 2) A TR 200_bis
River = Botro Secco Reach = Secco RS = 0.9

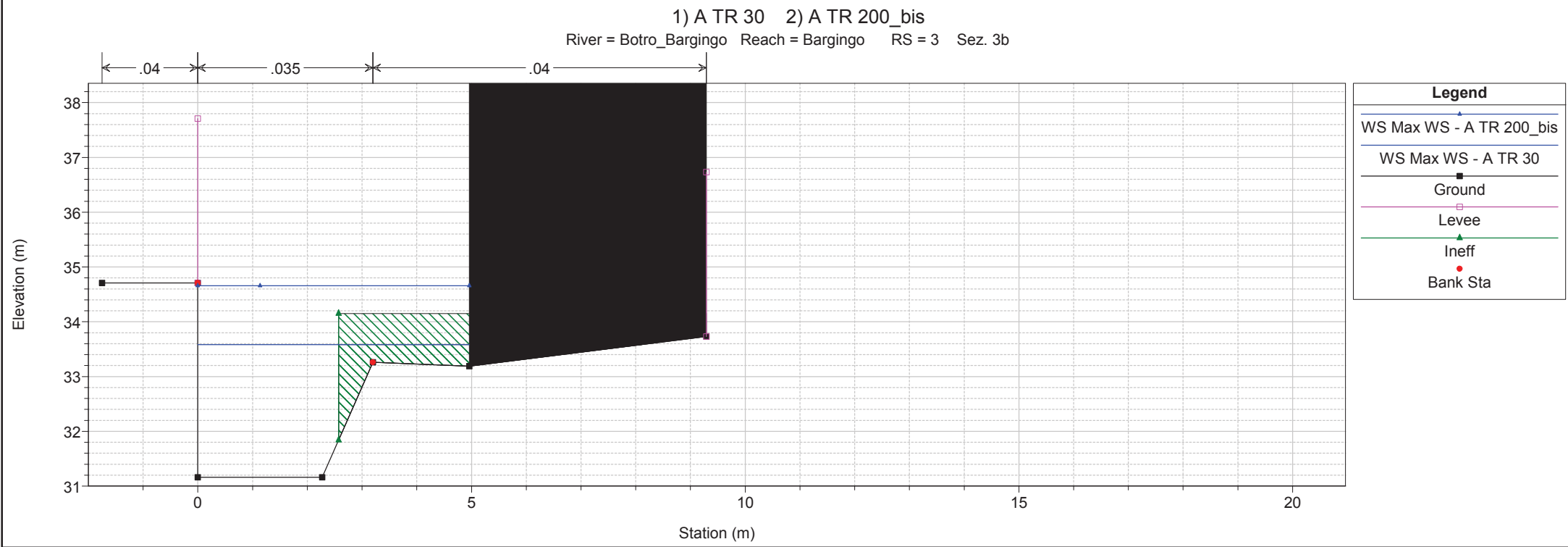
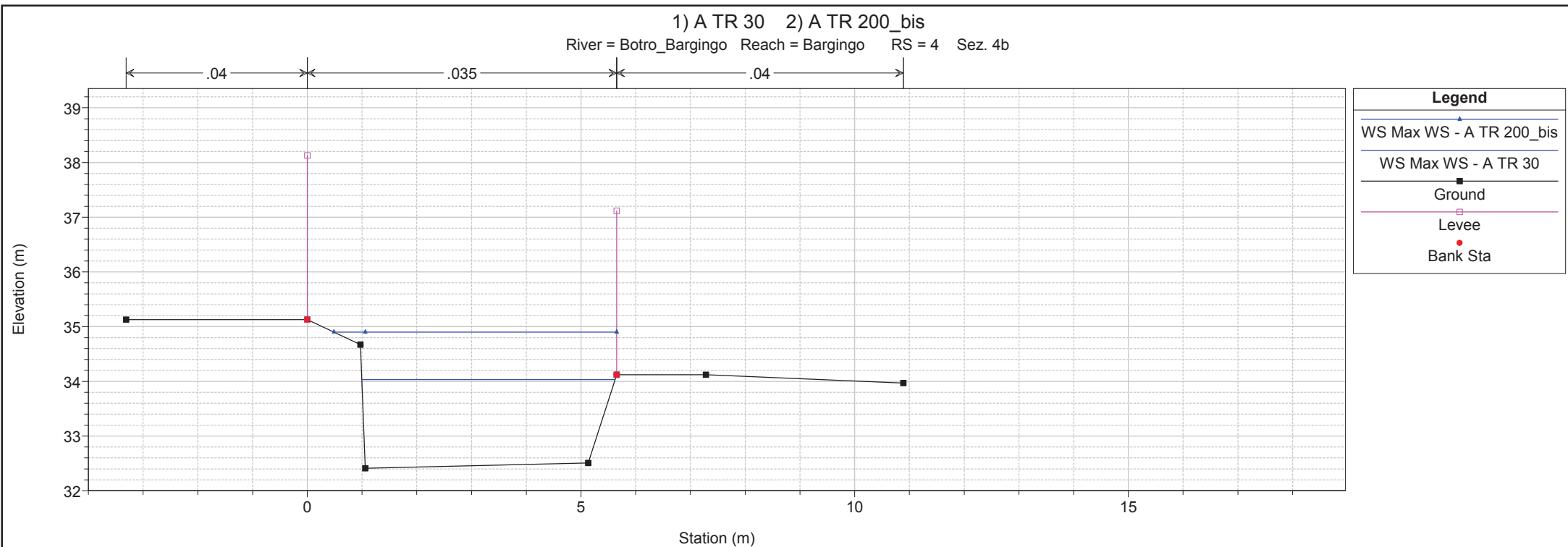


1 cm Horiz. = 1 m 1 cm Vert. = 1 m

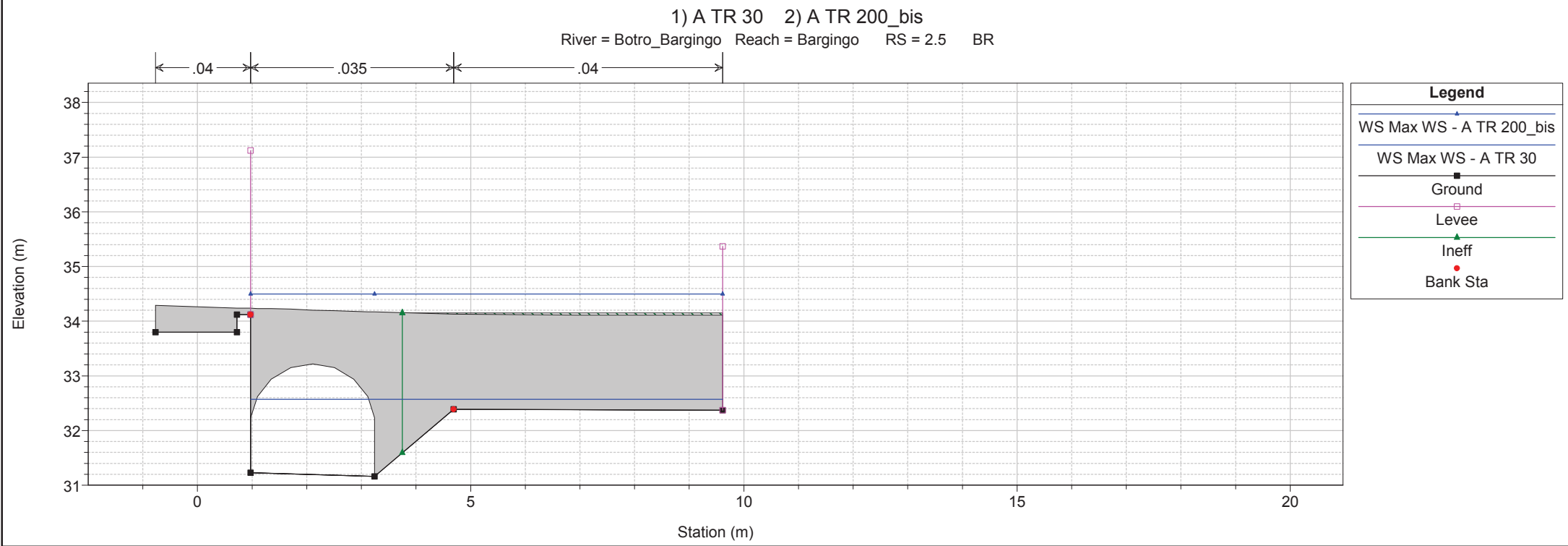
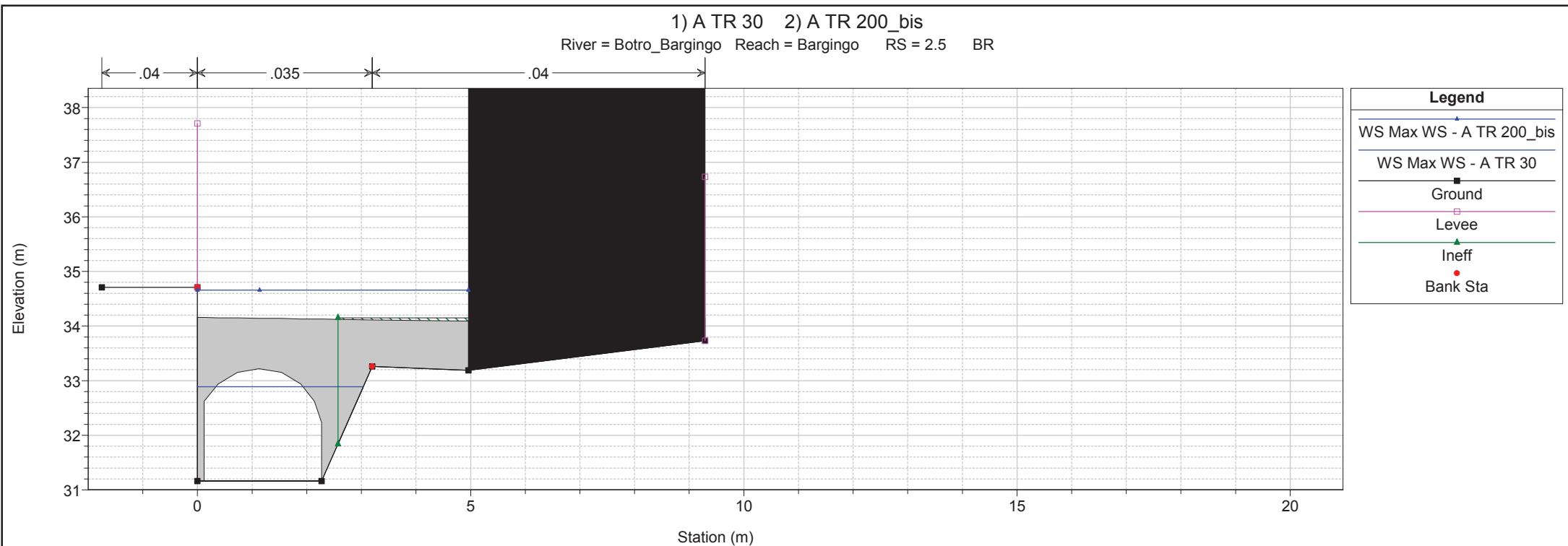




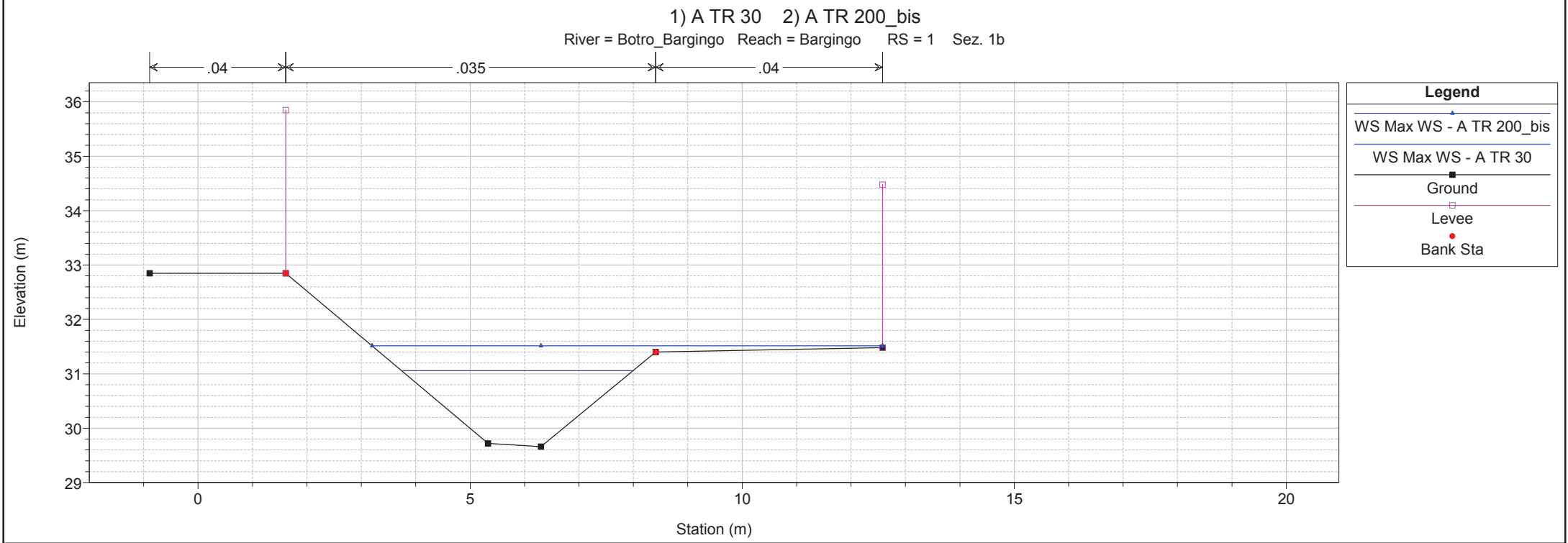
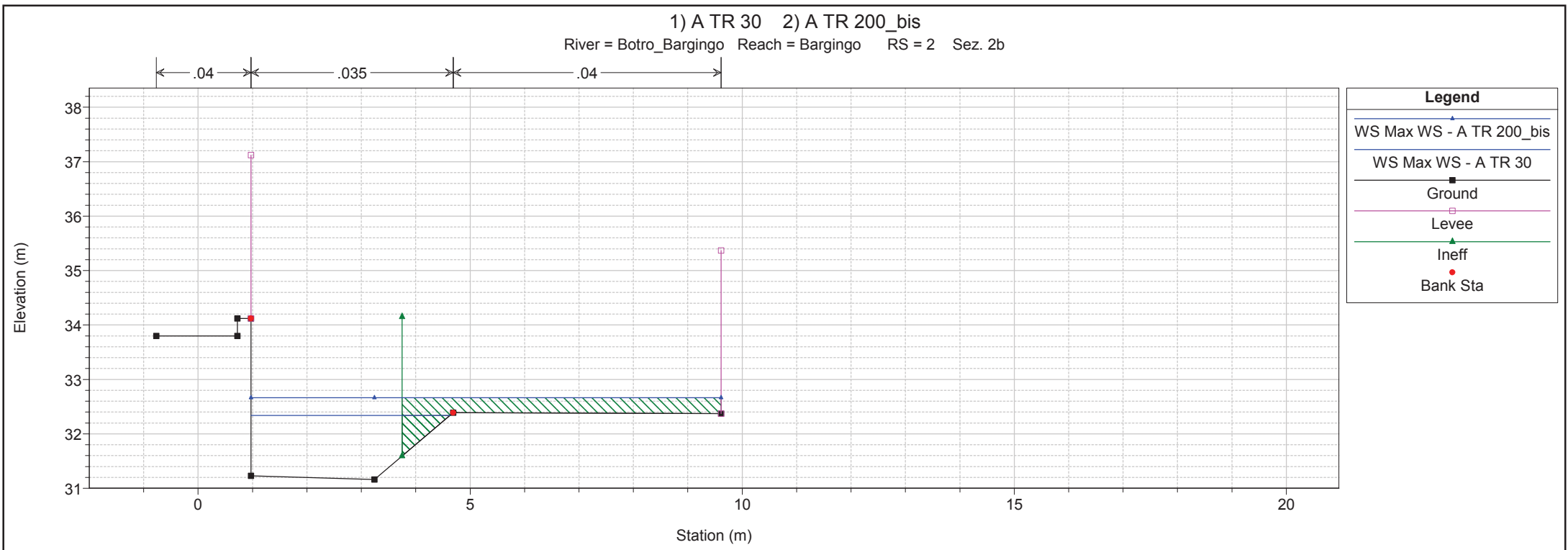




1 cm Horiz. = 1 m 1 cm Vert. = 1 m

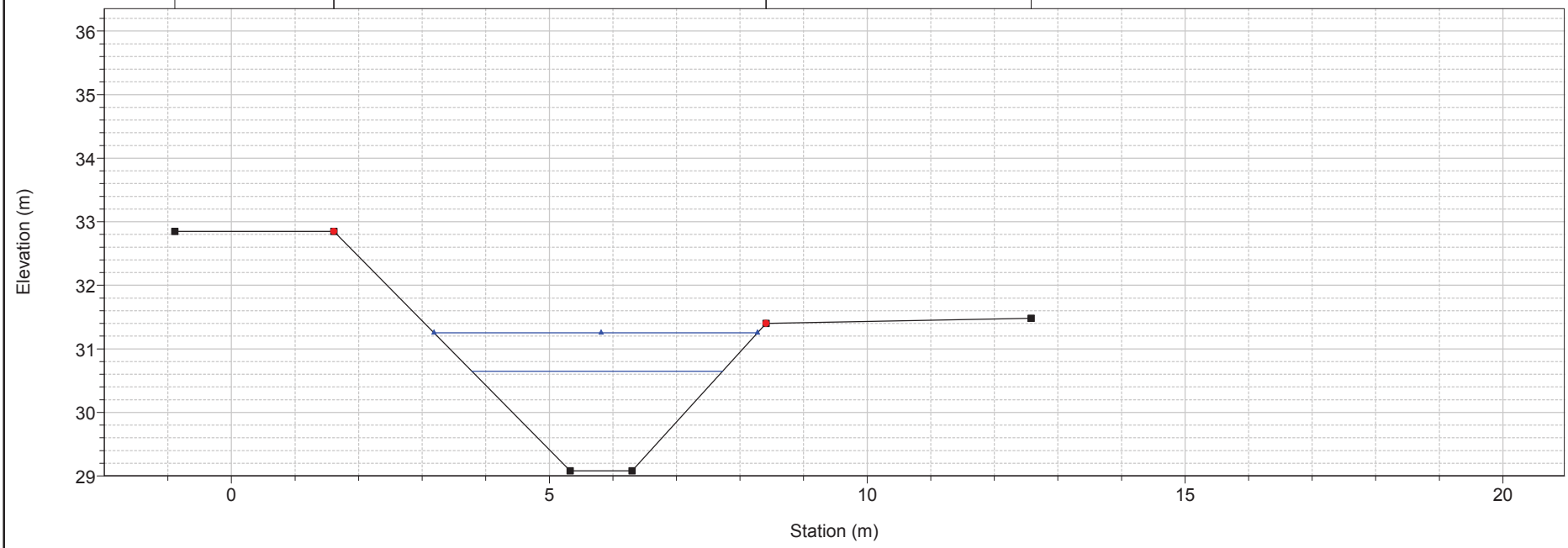


1 cm Horiz. = 1 m 1 cm Vert. = 1 m



1 cm Horiz. = 1 m 1 cm Vert. = 1 m

1) A TR 30 2) A TR 200_bis
 River = Botro_Bargino Reach = Bargingo RS = 0.9



Legend

- WS Max WS - A TR 200_bis
- WS Max WS - A TR 30
- Ground
- Bank Sta

River	Reach	River Sta	Plan	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
Botro_Cotone	Cotone	29	A TR 30	9.93	39.78	40.80	40.97	41.46	0.031677	3.60	2.76	3.71	1.33
Botro_Cotone	Cotone	29	A TR 200_bis	15.31	39.78	41.06	41.37	41.89	0.031391	4.04	3.81	5.85	1.35
Botro_Cotone	Cotone	28	A TR 30	9.93	35.46	36.55	36.65	37.12	0.025253	3.33	2.98	3.55	1.16
Botro_Cotone	Cotone	28	A TR 200_bis	15.30	35.46	36.84	36.98	37.56	0.025466	3.75	4.08	3.95	1.18
Botro_Cotone	Cotone	27	A TR 30	9.93	32.59	33.73	33.88	34.36	0.028742	3.51	2.83	3.58	1.26
Botro_Cotone	Cotone	27	A TR 200_bis	15.30	32.59	34.00	34.20	34.79	0.028764	3.93	3.89	4.08	1.28
Botro_Cotone	Cotone	26	A TR 30	9.92	30.04	31.03	31.30	31.89	0.044451	4.11	2.42	3.51	1.58
Botro_Cotone	Cotone	26	A TR 200_bis	15.29	30.04	31.43	31.62	32.18	0.027339	3.83	3.99	4.36	1.28
Botro_Cotone	Cotone	25.5	A TR 30	9.91	29.08	30.65	30.41	30.95	0.010310	2.42	4.09	3.77	0.74
Botro_Cotone	Cotone	25.5	A TR 200_bis	15.29	29.08	31.25	30.76	31.52	0.006763	2.30	6.64	4.67	0.62
Botro_Cotone	Cotone_valle1	25.9	A TR 30	21.68	29.08	30.65	31.08	32.15	0.007990	5.44	3.99	3.42	1.61
Botro_Cotone	Cotone_valle1	25.9	A TR 200_bis	34.36	29.08	31.25	31.66	32.89	0.006269	5.67	6.06	3.42	1.36
Botro_Cotone	Cotone_valle1	25	A TR 30	21.63	28.98	30.57	31.02	32.11	0.008441	5.51	3.92	3.42	1.64
Botro_Cotone	Cotone_valle1	25	A TR 200_bis	34.36	28.98	31.19	31.59	32.83	0.006344	5.67	6.06	3.42	1.36
Botro_Cotone	Cotone_valle1	24	A TR 30	17.76	27.99	30.53	29.44	30.76	0.000730	2.12	8.38	4.10	0.47
Botro_Cotone	Cotone_valle1	24	A TR 200_bis	26.84	27.99	31.28	29.90	31.56	0.000723	2.35	11.44	4.10	0.45
Botro_Cotone	Cotone_valle1	23.5		Bridge									
Botro_Cotone	Cotone_valle1	23	A TR 30	22.29	25.43	26.53	27.55	30.49	0.013198	8.81	2.53	2.76	2.70
Botro_Cotone	Cotone_valle1	23	A TR 200_bis	34.58	25.43	26.84	28.27	32.59	0.013685	10.62	3.26	2.94	2.87
Botro_Cotone	Cotone_valle1	22.1	A TR 30	22.51	25.03	25.59	26.85	36.32	0.099317	14.52	1.55	2.96	6.41
Botro_Cotone	Cotone_valle1	22.1	A TR 200_bis	34.61	25.03	25.91	27.48	35.41	0.056839	13.66	2.53	3.17	4.88
Botro_Cotone	Cotone_valle1	22	A TR 30	22.53	24.30	25.49	26.32	28.39	0.014747	7.55	2.98	2.90	2.38
Botro_Cotone	Cotone_valle1	22	A TR 200_bis	34.62	24.30	25.83	27.56	29.60	0.015536	8.59	4.03	3.12	2.42
Botro_Cotone	Cotone_valle1	21	A TR 30	22.55	24.30	25.44	26.32	28.67	0.016958	7.96	2.83	2.85	2.54
Botro_Cotone	Cotone_valle1	21	A TR 200_bis	34.63	24.30	25.79	27.57	29.90	0.017491	8.98	3.86	3.07	2.56
Botro_Cotone	Cotone_valle1	20	A TR 30	22.90	23.51	24.62	25.52	27.91	0.017303	8.04	2.85	2.92	2.60
Botro_Cotone	Cotone_valle1	20	A TR 200_bis	34.79	23.51	24.93	26.70	29.27	0.018739	9.23	3.77	3.12	2.68
Botro_Cotone	Cotone_valle1	19	A TR 30	22.92	23.49	24.58	25.50	28.06	0.018703	8.27	2.77	2.90	2.70
Botro_Cotone	Cotone_valle1	19	A TR 200_bis	34.80	23.49	24.88	26.68	29.45	0.020090	9.47	3.67	3.10	2.78
Botro_Cotone	Cotone_valle1	18	A TR 30	23.23	22.83	23.56	24.75	31.26	0.057870	12.30	1.89	2.96	4.91
Botro_Cotone	Cotone_valle1	18	A TR 200_bis	34.94	22.83	23.80	25.79	32.81	0.051430	13.30	2.63	3.14	4.64
Botro_Cotone	Cotone_valle1	17	A TR 30	23.25	22.79	23.37	24.66	34.50	0.099794	14.78	1.57	2.93	6.43
Botro_Cotone	Cotone_valle1	17	A TR 200_bis	34.94	22.79	23.65	25.72	34.15	0.064240	14.36	2.43	3.13	5.20
Botro_Cotone	Cotone_valle1	16.99	A TR 30	23.25	22.79	23.36	24.66	34.93	0.105645	15.07	1.54	2.92	6.62
Botro_Cotone	Cotone_valle1	16.99	A TR 200_bis	34.94	22.79	23.65	25.33	34.32	0.065759	14.47	2.41	3.13	5.26
Botro_Cotone	Cotone_valle1	16.9	A TR 30	23.25	22.26	23.33	24.31	27.22	0.021381	8.74	2.66	2.89	2.91
Botro_Cotone	Cotone_valle1	16.9	A TR 200_bis	34.95	22.26	23.63	24.86	28.59	0.022252	9.87	3.54	3.11	2.95
Botro_Cotone	Cotone_valle1	16	A TR 30	23.52	21.70	22.66	23.50	25.83	0.017432	7.89	2.98	3.25	2.63
Botro_Cotone	Cotone_valle1	16	A TR 200_bis	35.06	21.70	22.90	24.69	27.30	0.020029	9.29	3.77	3.31	2.78
Botro_Cotone	Cotone_valle1	15.1	A TR 30	23.63	21.66	22.16	23.47	34.55	0.125872	15.59	1.52	3.10	7.12
Botro_Cotone	Cotone_valle1	15.1	A TR 200_bis	35.10	21.66	22.43	24.65	33.61	0.074438	14.81	2.37	3.18	5.48
Botro_Cotone	Cotone_valle1	15	A TR 30	23.63	21.66	22.07	23.47	40.49	0.229200	19.01	1.24	3.07	9.54
Botro_Cotone	Cotone_valle1	15	A TR 200_bis	35.11	21.66	22.39	24.23	34.88	0.087400	15.66	2.24	3.17	5.94
Botro_Cotone	Cotone_valle1	14.7	A TR 30	23.64	20.82	22.01	22.74	24.46	0.011776	6.93	3.41	3.05	2.09
Botro_Cotone	Cotone_valle1	14.7	A TR 200_bis	35.11	20.82	22.36	23.29	25.48	0.012394	7.83	4.49	3.16	2.10
Botro_Cotone	Cotone_valle1	14	A TR 30	24.34	19.92	21.06	21.73	23.30	0.010321	6.63	3.67	3.50	2.07
Botro_Cotone	Cotone_valle1	14	A TR 200_bis	35.37	19.92	21.37	22.43	24.15	0.010481	7.39	4.79	3.65	2.06
Botro_Cotone	Cotone_valle1	13	A TR 30	25.35	18.61	19.48	20.49	23.97	0.026831	9.39	2.70	3.25	3.29
Botro_Cotone	Cotone_valle1	13	A TR 200_bis	36.06	18.61	19.70	21.68	25.32	0.027503	10.50	3.43	3.32	3.30
Botro_Cotone	Cotone_valle1	12	A TR 30	25.44	18.40	19.02	20.29	28.15	0.075089	13.39	1.90	3.17	5.52
Botro_Cotone	Cotone_valle1	12	A TR 200_bis	36.14	18.40	19.29	20.76	28.00	0.051049	13.08	2.76	3.26	4.53
Botro_Cotone	Cotone_valle1	11.9	A TR 30	25.45	18.39	18.98	20.28	29.14	0.087814	14.12	1.80	3.16	5.97
Botro_Cotone	Cotone_valle1	11.9	A TR 200_bis	36.14	18.39	19.26	20.75	28.32	0.054023	13.34	2.71	3.25	4.66
Botro_Cotone	Cotone_valle1	11.7	A TR 30	25.46	17.86	18.94	19.76	21.86	0.014576	7.57	3.36	3.26	2.38
Botro_Cotone	Cotone_valle1	11.7	A TR 200_bis	36.15	17.86	19.23	20.24	22.79	0.014681	8.36	4.33	3.33	2.34
Botro_Cotone	Cotone_valle1	11.68		Lat Struct									
Botro_Cotone	Cotone_valle1	11	A TR 30	26.47	16.09	17.36	17.99	19.40	0.008531	6.33	4.18	3.64	1.88
Botro_Cotone	Cotone_valle1	11	A TR 200_bis	36.94	16.09	17.66	18.61	20.14	0.008684	6.97	5.30	3.79	1.88
Botro_Cotone	Cotone_valle1	10.998		Lat Struct									
Botro_Cotone	Cotone_valle1	10	A TR 30	25.85	14.16	17.02	16.52	17.29	0.000741	2.31	11.18	7.18	0.59

River	Reach	River Sta	Plan	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
Botro_Cotone	Cotone_valle1	10	A TR 200_bis	31.31	14.16	17.32	16.71	17.60	0.000645	2.34	13.37	7.18	0.55
Botro_Cotone	Cotone_valle1	9.9	A TR 30	24.33	14.11	17.09	16.39	17.31	0.000556	2.05	11.87	7.18	0.51
Botro_Cotone	Cotone_valle1	9.9	A TR 200_bis	27.51	14.11	17.47	16.56	17.65	0.000394	1.89	14.53	7.18	0.42
Botro_Cotone	Cotone_valle1	9.5		Bridge									
Botro_Cotone	Cotone_valle1	9.1	A TR 30	24.32	13.89	15.86	16.04	16.83	0.003219	4.35	5.59	3.52	1.10
Botro_Cotone	Cotone_valle1	9.1	A TR 200_bis	27.50	13.89	15.97	16.25	17.05	0.003515	4.59	5.99	3.81	1.17
Botro_Cotone	Cotone_valle1	9	A TR 30	24.33	13.88	15.86	16.02	16.82	0.003190	4.34	5.61	3.52	1.10
Botro_Cotone	Cotone_valle1	9	A TR 200_bis	27.50	13.88	15.97	16.24	17.04	0.003487	4.57	6.01	3.80	1.16
Botro_Cotone	Cotone_valle1	8.998		Lat Struct									
Botro_Cotone	Cotone_valle1	8	A TR 30	22.17	13.20	16.10	15.19	16.33	0.000622	2.10	10.54	6.05	0.51
Botro_Cotone	Cotone_valle1	8	A TR 200_bis	22.29	13.20	16.32	15.20	16.50	0.000445	1.88	11.89	6.05	0.43
Botro_Cotone	Cotone_valle1	7.5		Bridge									
Botro_Cotone	Cotone_valle1	7	A TR 30	22.16	12.16	13.33	13.70	14.64	0.005587	5.06	4.38	3.85	1.52
Botro_Cotone	Cotone_valle1	7	A TR 200_bis	22.26	12.16	13.36	13.71	14.63	0.005358	4.99	4.46	3.86	1.48
Botro_Cotone	Cotone_valle1	6	A TR 30	22.87	10.77	13.57	12.32	13.71	0.000253	1.62	14.11	6.15	0.34
Botro_Cotone	Cotone_valle1	6	A TR 200_bis	23.28	10.77	13.59	12.33	13.73	0.000256	1.63	14.24	6.15	0.34
Botro_Cotone	Cotone_valle1	5.9	A TR 30	22.88	10.77	13.46	12.54	13.72	0.000714	2.24	10.21	6.03	0.55
Botro_Cotone	Cotone_valle1	5.9	A TR 200_bis	23.29	10.77	13.49	12.56	13.74	0.000714	2.25	10.34	6.03	0.55
Botro_Cotone	Cotone_valle1	5.5		Bridge									
Botro_Cotone	Cotone_valle1	5.1	A TR 30	22.86	10.42	12.18	12.15	12.99	0.001357	3.98	5.75	4.69	0.97
Botro_Cotone	Cotone_valle1	5.1	A TR 200_bis	23.29	10.42	12.22	12.17	13.02	0.001316	3.97	5.87	4.72	0.96
Botro_Cotone	Cotone_valle1	5	A TR 30	22.87	10.42	12.21	12.07	12.77	0.007119	3.33	6.88	4.71	0.88
Botro_Cotone	Cotone_valle1	5	A TR 200_bis	23.31	10.42	12.25	12.09	12.80	0.006783	3.28	7.10	4.75	0.86
Botro_Cotone	Cotone_valle1	4.998		Lat Struct									
Botro_Cotone	Cotone_valle1	4.997		Lat Struct									
Botro_Cotone	Cotone_valle1	4	A TR 30	12.70	8.27	11.38	9.97	11.63	0.005041	2.25	5.65	1.82	0.41
Botro_Cotone	Cotone_valle1	4	A TR 200_bis	12.79	8.27	11.39	9.98	11.65	0.005070	2.25	5.67	1.82	0.41
Botro_Cotone	Cotone_valle1	3.5		Bridge									
Botro_Cotone	Cotone_valle1	3	A TR 30	12.70	7.71	9.05	9.33	10.23	0.010682	4.83	2.63	4.95	1.35
Botro_Cotone	Cotone_valle1	3	A TR 200_bis	12.79	7.71	9.06	9.34	10.24	0.010332	4.79	2.67	4.99	1.33
Botro_Cotone	Cotone_valle1	2.98		Lat Struct									
Botro_Cotone	Cotone_valle1	2.97		Lat Struct									
Botro_Cotone	Cotone_valle1	2.1	A TR 30	13.74	6.99	8.31	8.32	8.72	0.008588	2.82	4.87	6.13	1.01
Botro_Cotone	Cotone_valle1	2.1	A TR 200_bis	14.24	6.99	8.38	8.34	8.75	0.007448	2.70	5.27	6.37	0.95
Botro_Cotone	Cotone_valle1	2	A TR 30	13.75	6.99	8.31	8.28	8.92	0.002798	3.48	3.95	3.00	0.97
Botro_Cotone	Cotone_valle1	2	A TR 200_bis	14.26	6.99	8.34	8.31	8.97	0.002815	3.52	4.05	3.00	0.97
Botro_Cotone	Cotone_valle1	1.9		Bridge									
Botro_Cotone	Cotone_valle1	1.81	A TR 30	13.75	4.95	5.76	6.24	7.41	0.011048	5.69	2.42	3.00	2.02
Botro_Cotone	Cotone_valle1	1.81	A TR 200_bis	14.25	4.95	5.77	6.27	7.47	0.011155	5.77	2.47	3.00	2.03
Botro_Cotone	Cotone_valle1	1.8	A TR 30	13.75	4.95	5.75	6.24	7.41	0.011084	5.70	2.41	3.00	2.03
Botro_Cotone	Cotone_valle1	1.8	A TR 200_bis	14.25	4.95	5.77	6.27	7.47	0.011203	5.78	2.46	3.00	2.04
Botro_Cotone	Cotone_valle2	1.71	A TR 30	23.84	4.93	5.75	6.32	7.77	0.011746	6.28	3.79	4.89	2.28
Botro_Cotone	Cotone_valle2	1.71	A TR 200_bis	24.65	4.93	5.77	6.35	7.83	0.011758	6.36	3.88	4.89	2.28
Botro_Cotone	Cotone_valle2	1.7	A TR 30	23.84	4.93	5.75	6.32	7.77	0.011801	6.29	3.79	4.89	2.28
Botro_Cotone	Cotone_valle2	1.7	A TR 200_bis	24.65	4.93	5.77	6.35	7.83	0.011812	6.37	3.87	4.89	2.28
Botro_Cotone	Cotone_valle2	1.5	A TR 30	23.84	1.10	1.66	2.49	6.26	0.041668	9.50	2.51	4.89	4.23
Botro_Cotone	Cotone_valle2	1.5	A TR 200_bis	24.65	1.10	1.67	2.52	6.39	0.041859	9.63	2.56	4.89	4.25
Botro_Cotone	Cotone_valle2	1.4	A TR 30	23.84	0.63	1.09	1.57	3.17	0.026071	6.39	3.73	8.90	3.15
Botro_Cotone	Cotone_valle2	1.4	A TR 200_bis	24.65	0.63	1.10	1.59	3.22	0.026045	6.46	3.82	8.90	3.15
Botro_Cotone	Cotone_valle2	1.1	A TR 30	23.84	0.37	0.84	1.31	2.83	0.024366	6.24	3.82	8.90	3.04
Botro_Cotone	Cotone_valle2	1.1	A TR 200_bis	24.65	0.37	0.85	1.33	2.89	0.024431	6.32	3.90	8.90	3.05
Botro_Cotone	Cotone_valle2	1	A TR 30	23.84	0.37	0.84	1.21	2.24	0.012943	5.25	4.54	12.50	2.55
Botro_Cotone	Cotone_valle2	1	A TR 200_bis	24.65	0.37	0.85	1.23	2.29	0.012913	5.32	4.64	12.50	2.56
Botro_Bargingo	Bargingo	6	A TR 30	12.53	39.04	40.35	40.38	40.87	0.018784	3.19	3.93	4.14	1.05
Botro_Bargingo	Bargingo	6	A TR 200_bis	19.64	39.04	40.70	40.76	41.36	0.018674	3.58	5.49	4.70	1.06
Botro_Bargingo	Bargingo	5.999	A TR 30	12.53	39.04	40.35	40.38	40.87	0.018886	3.19	3.92	4.14	1.05
Botro_Bargingo	Bargingo	5.999	A TR 200_bis	19.64	39.04	40.70	40.76	41.36	0.018753	3.59	5.48	4.70	1.06

River	Reach	River Sta	Plan	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
Botro_Bargingo	Bargingo	5.997		Lat Struct									
Botro_Bargingo	Bargingo	5	A TR 30	12.52	36.66	38.09	38.11	38.60	0.018342	3.17	3.95	4.06	1.03
Botro_Bargingo	Bargingo	5	A TR 200_bis	19.47	36.66	38.42	38.64	39.07	0.018783	3.59	5.71	12.53	1.06
Botro_Bargingo	Bargingo	4.2	A TR 30	12.05	34.59	36.07	35.67	36.21	0.003547	1.68	8.38	15.06	0.50
Botro_Bargingo	Bargingo	4.2	A TR 200_bis	17.89	34.59	36.31	36.04	36.46	0.003310	1.84	12.43	19.12	0.50
Botro_Bargingo	Bargingo	4.1	A TR 30	10.09	34.71	35.95	35.66	36.11	0.005139	1.80	6.15	12.76	0.59
Botro_Bargingo	Bargingo	4.1	A TR 200_bis	15.30	34.71	36.21	36.00	36.37	0.004105	1.89	10.07	17.40	0.55
Botro_Bargingo	Bargingo	4.05		Inl Struct									
Botro_Bargingo	Bargingo	4	A TR 30	14.14	32.41	34.03	33.52	34.25	0.005758	2.07	6.82	4.63	0.55
Botro_Bargingo	Bargingo	4	A TR 200_bis	25.56	32.41	34.90	34.02	35.18	0.005432	2.34	10.93	5.16	0.51
Botro_Bargingo	Bargingo	3.998		Lat Struct									
Botro_Bargingo	Bargingo	3.997		Lat Struct									
Botro_Bargingo	Bargingo	3	A TR 30	11.87	31.16	33.58	32.49	33.77	0.003918	1.94	6.13	4.96	0.40
Botro_Bargingo	Bargingo	3	A TR 200_bis	19.52	31.16	34.66	33.00	34.87	0.004320	2.05	10.10	4.96	0.39
Botro_Bargingo	Bargingo	2.5		Bridge									
Botro_Bargingo	Bargingo	2	A TR 30	11.87	31.16	32.34	32.46	33.09	0.026130	3.85	3.08	3.66	1.17
Botro_Bargingo	Bargingo	2	A TR 200_bis	19.52	31.16	32.66	32.94	33.88	0.033096	4.89	3.99	8.64	1.30
Botro_Bargingo	Bargingo	1	A TR 30	11.78	29.66	31.06	31.15	31.61	0.022207	3.30	3.57	4.25	1.15
Botro_Bargingo	Bargingo	1	A TR 200_bis	19.30	29.66	31.51	31.64	32.07	0.015848	3.32	6.07	9.38	1.01
Botro_Bargingo	Bargingo	0.9	A TR 30	11.76	29.08	30.65	30.64	31.12	0.017529	3.06	3.85	3.94	0.99
Botro_Bargingo	Bargingo	0.9	A TR 200_bis	19.07	29.08	31.25	31.05	31.68	0.011088	2.90	6.58	5.09	0.81
Botro Secco	Secco	25	A TR 30	8.66	51.28	52.91	51.94	52.95	0.001240	0.88	9.89	9.94	0.28
Botro Secco	Secco	25	A TR 200_bis	13.92	51.28	53.93	52.19	53.95	0.000326	0.58	24.05	17.71	0.16
Botro Secco	Secco	24	A TR 30	8.66	51.09	52.59	52.18	52.88	0.011811	2.38	3.64	2.42	0.62
Botro Secco	Secco	24	A TR 200_bis	13.92	51.09	53.70	52.59	53.95	0.007665	2.20	6.32	2.42	0.44
Botro Secco	Secco	23.8	A TR 30	8.66	51.07	52.57	52.16	52.86	0.011867	2.38	3.63	2.42	0.62
Botro Secco	Secco	23.8	A TR 200_bis	13.92	51.07	53.69	52.57	53.94	0.007624	2.20	6.33	2.42	0.43
Botro Secco	Secco	23.5		Bridge									
Botro Secco	Secco	23	A TR 30	8.66	50.85	51.82	51.95	52.53	0.039280	3.73	2.32	2.38	1.21
Botro Secco	Secco	23	A TR 200_bis	13.92	50.85	52.13	52.37	53.19	0.048528	4.56	3.05	2.38	1.29
Botro Secco	Secco	22	A TR 30	8.66	49.21	49.88	49.98	50.29	0.029438	2.84	3.05	6.64	1.34
Botro Secco	Secco	22	A TR 200_bis	13.92	49.21	50.05	50.20	50.59	0.029021	3.28	4.25	7.36	1.38
Botro Secco	Secco	21	A TR 30	9.65	45.62	47.09	46.45	47.22	0.003943	1.61	5.98	4.07	0.43
Botro Secco	Secco	21	A TR 200_bis	15.42	45.62	47.64	46.75	47.82	0.004186	1.88	8.23	4.37	0.42
Botro Secco	Secco	20.5		Bridge									
Botro Secco	Secco	20	A TR 30	9.75	45.55	46.88	46.37	47.04	0.004958	1.75	5.56	4.18	0.48
Botro Secco	Secco	20	A TR 200_bis	15.42	45.55	47.39	46.66	47.60	0.005053	2.00	7.70	4.18	0.47
Botro Secco	Secco	19	A TR 30	9.80	45.29	46.79	46.27	47.00	0.002988	2.04	4.80	5.81	0.53
Botro Secco	Secco	19	A TR 200_bis	15.54	45.29	47.26	46.63	47.56	0.003018	2.46	6.31	7.04	0.56
Botro Secco	Secco	18.5		Bridge									
Botro Secco	Secco	18	A TR 30	9.80	45.19	46.00	46.19	46.75	0.023987	3.84	2.55	5.95	1.36
Botro Secco	Secco	18	A TR 200_bis	15.54	45.19	46.26	46.54	47.34	0.023692	4.60	3.37	5.95	1.42
Botro Secco	Secco	17	A TR 30	10.91	41.85	43.99	42.95	44.14	0.001250	1.68	6.50	8.87	0.37
Botro Secco	Secco	17	A TR 200_bis	17.27	41.85	44.65	43.34	44.85	0.003042	2.02	8.82	10.45	0.47
Botro Secco	Secco	16.5		Bridge									
Botro Secco	Secco	16	A TR 30	11.52	41.86	43.34	43.25	43.83	0.021117	3.11	3.70	3.00	0.89
Botro Secco	Secco	16	A TR 200_bis	17.26	41.86	43.80	43.60	44.39	0.019702	3.39	5.10	3.45	0.83
Botro Secco	Secco	15.998		Lat Struct									
Botro Secco	Secco	15.997		Lat Struct									
Botro Secco	Secco	15	A TR 30	12.80	37.92	39.26	39.27	39.95	0.028988	3.68	3.47	2.60	1.02
Botro Secco	Secco	15	A TR 200_bis	20.08	37.92	39.80	39.75	40.66	0.029540	4.12	4.88	2.60	0.96
Botro Secco	Secco	14	A TR 30	13.75	34.75	36.38	36.04	36.78	0.010140	2.82	4.87	3.26	0.71
Botro Secco	Secco	14	A TR 200_bis	18.89	34.75	37.83	36.35	38.04	0.003168	2.04	9.25	3.51	0.37
Botro Secco	Secco	13.5		Bridge									
Botro Secco	Secco	13	A TR 30	13.75	30.57	32.12	32.01	32.72	0.014653	3.43	4.01	3.58	0.89
Botro Secco	Secco	13	A TR 200_bis	18.89	30.57	32.44	32.34	33.21	0.014614	3.89	4.85	3.62	0.92
Botro Secco	Secco	12	A TR 30	14.69	28.93	30.39	30.43	31.02	0.021350	3.51	4.18	3.63	1.05

River	Reach	River Sta	Plan	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
Botro Secco	Secco	12	A TR 200_bis	20.66	28.93	30.74	30.81	31.44	0.021081	3.70	5.58	4.52	1.06
Botro Secco	Secco	11.998		Lat Struct									
Botro Secco	Secco	11.997		Lat Struct									
Botro Secco	Secco	11	A TR 30	14.31	25.63	27.96	26.94	28.12	0.004193	1.73	8.27	5.29	0.44
Botro Secco	Secco	11	A TR 200_bis	18.37	25.63	28.21	27.21	28.40	0.004550	1.92	9.59	5.35	0.46
Botro Secco	Secco	10.5		Bridge									
Botro Secco	Secco	10	A TR 30	13.33	25.09	26.91	26.56	27.17	0.005437	2.25	5.93	4.92	0.65
Botro Secco	Secco	10	A TR 200_bis	17.32	25.09	27.06	26.77	27.40	0.006727	2.61	6.63	5.02	0.73
Botro Secco	Secco	9.98		Lat Struct									
Botro Secco	Secco	9.97		Lat Struct									
Botro Secco	Secco	9.7	A TR 30	11.60	24.96	26.91	26.34	27.08	0.003246	1.80	6.45	4.93	0.50
Botro Secco	Secco	9.7	A TR 200_bis	14.86	24.96	27.03	26.52	27.26	0.004197	2.12	7.07	7.11	0.57
Botro Secco	Secco	9.5		Inl Struct									
Botro Secco	Secco	9.3	A TR 30	15.14	24.26	26.70	25.94	26.81	0.002422	1.47	10.29	9.22	0.44
Botro Secco	Secco	9.3	A TR 200_bis	20.87	24.26	26.79	26.32	26.97	0.003612	1.87	11.13	9.22	0.54
Botro Secco	Secco	9.298		Lat Struct									
Botro Secco	Secco	9.297		Lat Struct									
Botro Secco	Secco	9	A TR 30	11.63	24.07	26.58	25.56	26.77	0.001422	1.92	6.07	9.22	0.41
Botro Secco	Secco	9	A TR 200_bis	14.04	24.07	26.78	25.72	27.02	0.001562	2.13	6.61	9.22	0.43
Botro Secco	Secco	8.5		Bridge									
Botro Secco	Secco	8.2	A TR 30	13.15	23.74	25.15	25.17	25.87	0.008778	3.75	3.50	4.57	1.02
Botro Secco	Secco	8.2	A TR 200_bis	14.03	23.74	25.24	25.23	25.96	0.008084	3.76	3.73	4.72	0.99
Botro Secco	Secco	8	A TR 30	13.23	23.65	25.10	24.96	25.47	0.008611	2.71	4.88	4.54	0.83
Botro Secco	Secco	8	A TR 200_bis	14.19	23.65	25.21	25.01	25.56	0.007563	2.63	5.39	4.71	0.79
Botro Secco	Secco	7	A TR 30	13.69	22.89	24.61	24.50	25.02	0.009948	2.81	4.88	4.65	0.88
Botro Secco	Secco	7	A TR 200_bis	15.43	22.89	24.72	24.60	25.14	0.009719	2.86	5.39	4.92	0.87
Botro Secco	Secco	6.8	A TR 30	13.70	22.87	24.60	24.48	25.00	0.010019	2.82	4.87	4.61	0.88
Botro Secco	Secco	6.8	A TR 200_bis	15.46	22.87	24.70	24.59	25.13	0.009868	2.88	5.37	4.88	0.88
Botro Secco	Secco	6.7		Bridge									
Botro Secco	Secco	6.5	A TR 30	13.70	22.84	24.39	24.46	24.98	0.016099	3.38	4.05	4.10	1.09
Botro Secco	Secco	6.5	A TR 200_bis	15.45	22.84	24.50	24.57	25.10	0.015583	3.43	4.50	4.37	1.08
Botro Secco	Secco	6.498		Lat Struct									
Botro Secco	Secco	6.497		Lat Struct									
Botro Secco	Secco	6	A TR 30	15.43	20.81	22.39	22.47	22.99	0.014881	3.43	4.49	4.53	1.10
Botro Secco	Secco	6	A TR 200_bis	18.84	20.81	22.56	22.64	23.21	0.014548	3.58	5.27	4.88	1.10
Botro Secco	Secco	5	A TR 30	9.16	17.75	20.38	19.01	20.41	0.000295	0.70	16.24	16.68	0.17
Botro Secco	Secco	5	A TR 200_bis	9.45	17.75	20.48	19.03	20.50	0.000243	0.66	17.91	16.68	0.16
Botro Secco	Secco	4.9	A TR 30	9.18	17.74	20.32	18.98	20.42	0.000719	1.42	6.47	6.78	0.29
Botro Secco	Secco	4.9	A TR 200_bis	9.48	17.74	20.42	19.00	20.52	0.000669	1.41	6.74	6.78	0.28
Botro Secco	Secco	4.5		Bridge									
Botro Secco	Secco	4.3	A TR 30	9.16	17.59	18.56	18.65	19.20	0.013616	3.55	2.58	4.09	1.15
Botro Secco	Secco	4.3	A TR 200_bis	9.48	17.59	18.59	18.68	19.23	0.013034	3.55	2.67	4.14	1.14
Botro Secco	Secco	4.298		Lat Struct									
Botro Secco	Secco	4.297		Lat Struct									
Botro Secco	Secco	4	A TR 30	9.19	17.57	18.54	18.56	18.96	0.014386	2.87	3.20	4.08	1.03
Botro Secco	Secco	4	A TR 200_bis	9.52	17.57	18.57	18.58	18.98	0.013684	2.85	3.34	4.13	1.01
Botro Secco	Secco	3	A TR 30	12.30	14.72	16.29	16.27	16.81	0.013803	3.20	3.84	3.52	0.98
Botro Secco	Secco	3	A TR 200_bis	14.06	14.72	16.42	16.40	16.96	0.013612	3.26	4.31	3.86	0.98
Botro Secco	Secco	2.1	A TR 30	14.81	12.53	14.72	14.10	14.87	0.002567	1.72	9.35	12.79	0.47
Botro Secco	Secco	2.1	A TR 200_bis	17.58	12.53	14.76	14.24	14.95	0.003261	1.97	9.84	12.79	0.53
Botro Secco	Secco	2	A TR 30	13.69	12.17	14.76	13.81	14.86	0.001701	1.42	10.56	12.79	0.37
Botro Secco	Secco	2	A TR 200_bis	15.82	12.17	14.82	13.95	14.94	0.001952	1.55	11.34	12.79	0.40
Botro Secco	Secco	1.1	A TR 30	10.19	12.16	14.84	13.29	14.88	0.000570	0.92	11.05	5.79	0.21
Botro Secco	Secco	1.1	A TR 200_bis	10.59	12.16	14.93	13.32	14.98	0.000540	0.91	11.58	5.79	0.21
Botro Secco	Secco	1	A TR 30	10.09	12.16	14.74	13.43	14.89	0.003761	1.74	5.81	2.25	0.35
Botro Secco	Secco	1	A TR 200_bis	10.41	12.16	14.84	13.46	14.99	0.003672	1.73	6.02	2.25	0.34

HEC-RAS Profile: Max WS (Continued)

River	Reach	River Sta	Plan	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
Botro Secco	Secco	0.99		Bridge									
Botro Secco	Secco	0.95	A TR 30	10.09	4.96	5.78	6.23	7.31	0.073517	5.49	1.84	2.25	1.94
Botro Secco	Secco	0.95	A TR 200_bis	10.40	4.96	5.79	6.26	7.36	0.073781	5.54	1.88	2.25	1.94
Botro Secco	Secco	0.9	A TR 30	10.09	4.95	5.75	6.22	7.35	0.077542	5.60	1.80	2.25	2.00
Botro Secco	Secco	0.9	A TR 200_bis	10.40	4.95	5.77	6.25	7.40	0.077727	5.65	1.84	2.25	1.99

River	Reach	River Sta	Plan	Q US (m3/s)	Q Leaving Total (m3/s)	Q DS (m3/s)	Q Weir (m3/s)	Q Gates (m3/s)	Wr Top Width (m)	Weir Max Depth (m)	Weir Avg Depth (m)	Min El Weir Flow (m)	E.G. US. (m)	W.S. US. (m)	E.G. DS (m)	W.S. DS (m)
Botro_Cotone	Cotone_valle1	11.68	A TR 30	25.47	0.00	26.47	0.00					18.59	21.83	18.91	19.40	17.36
Botro_Cotone	Cotone_valle1	11.68	A TR 200_bis	36.16	0.00	36.94	0.00					18.59	22.76	19.20	20.14	17.66
Botro_Cotone	Cotone_valle1	10.998	A TR 30	26.47	3.28	24.33	3.28	17.42	0.44	0.21	16.65	19.40	17.36	17.31	17.09	
Botro_Cotone	Cotone_valle1	10.998	A TR 200_bis	36.94	10.39	27.51	10.39	32.79	0.81	0.28	16.65	20.13	17.66	17.65	17.46	
Botro_Cotone	Cotone_valle1	8.998	A TR 30	24.33	2.56	22.17	2.56	14.83	0.45	0.20	15.65	16.82	15.86	16.32	16.10	
Botro_Cotone	Cotone_valle1	8.998	A TR 200_bis	27.50	5.55	22.29	5.55	18.86	0.67	0.28	15.65	17.03	15.97	16.50	16.32	
Botro_Cotone	Cotone_valle1	4.998	A TR 30	22.87	3.76	12.70	3.76	48.24	0.85	0.10	10.50	12.77	12.21	11.63	11.35	
Botro_Cotone	Cotone_valle1	4.998	A TR 200_bis	23.31	4.10	12.79	4.10	52.83	0.86	0.10	10.50	12.80	12.25	11.64	11.36	
Botro_Cotone	Cotone_valle1	4.997	A TR 30	22.87	8.18	12.70	8.18	67.24	0.96	0.15	10.39	12.77	12.21	11.63	11.35	
Botro_Cotone	Cotone_valle1	4.997	A TR 200_bis	23.31	8.85	12.79	8.85	71.04	0.97	0.15	10.39	12.80	12.25	11.64	11.36	
Botro_Cotone	Cotone_valle1	2.98	A TR 30	12.72	0.00	13.75	0.00				9.75	9.45	9.03	8.91	8.31	
Botro_Cotone	Cotone_valle1	2.98	A TR 200_bis	12.82	0.00	14.26	0.00				9.75	9.46	9.05	8.95	8.34	
Botro_Cotone	Cotone_valle1	2.97	A TR 30	12.72	0.00	13.75	0.00				9.61	9.45	9.03	8.91	8.31	
Botro_Cotone	Cotone_valle1	2.97	A TR 200_bis	12.82	0.00	14.26	0.00				9.61	9.46	9.05	8.95	8.34	
Botro_Bargingo	Bargingo	5.997	A TR 30	12.53	0.00	12.05	0.00				36.58	40.87	40.35	36.21	36.07	
Botro_Bargingo	Bargingo	5.997	A TR 200_bis	19.64	0.26	17.89	0.26	29.28	0.06	0.03	36.58	41.36	40.70	36.46	36.31	
Botro_Bargingo	Bargingo	3.998	A TR 30	14.14	3.82	11.87	3.82	41.92	0.42	0.20	33.26	34.25	34.03	33.77	33.59	
Botro_Bargingo	Bargingo	3.998	A TR 200_bis	25.56	21.84	19.52	21.84	72.90	1.54	1.13	33.26	35.18	34.90	34.87	34.66	
Botro_Bargingo	Bargingo	3.997	A TR 30	14.14	0.00	11.87	0.00				34.70	34.25	34.03	33.77	33.59	
Botro_Bargingo	Bargingo	3.997	A TR 200_bis	25.56	0.09	19.52	0.09	19.02	0.13	0.07	34.70	35.18	34.90	34.87	34.66	
Botro_Secco	Secco	15.998	A TR 30	11.52	0.00	13.75	0.00				37.45	43.83	43.33	36.78	36.38	
Botro_Secco	Secco	15.998	A TR 200_bis	17.26	1.68	18.89	1.68	11.12	0.38	0.18	37.45	44.38	43.80	38.04	37.83	
Botro_Secco	Secco	15.997	A TR 30	11.52	0.00	13.75	0.00				37.51	43.83	43.33	36.78	36.38	
Botro_Secco	Secco	15.997	A TR 200_bis	17.26	1.21	18.89	1.21	9.97	0.32	0.16	37.51	44.38	43.80	38.04	37.83	
Botro_Secco	Secco	11.998	A TR 30	14.69	0.25	14.31	0.25	6.74	0.14	0.07	27.82	31.02	30.39	28.12	27.96	
Botro_Secco	Secco	11.998	A TR 200_bis	20.66	2.18	18.37	2.18	15.72	0.39	0.17	27.82	31.44	30.74	28.40	28.21	
Botro_Secco	Secco	11.997	A TR 30	14.69	0.00	14.31	0.00				28.09	31.02	30.39	28.12	27.96	
Botro_Secco	Secco	11.997	A TR 200_bis	20.66	0.11	18.37	0.11	4.08	0.12	0.06	28.09	31.44	30.74	28.40	28.21	
Botro_Secco	Secco	9.98	A TR 30	13.33	0.00	11.60	0.00				26.97	27.17	26.91	27.08	26.91	
Botro_Secco	Secco	9.98	A TR 200_bis	17.32	0.36	14.86	0.36	14.35	0.09	0.06	26.97	27.40	27.06	27.26	27.03	
Botro_Secco	Secco	9.97	A TR 30	13.33	0.00	11.60	0.00				27.02	27.17	26.91	27.08	26.91	
Botro_Secco	Secco	9.97	A TR 200_bis	17.32	0.03	14.86	0.03	11.70	0.04	0.01	27.02	27.40	27.06	27.26	27.03	
Botro_Secco	Secco	9.298	A TR 30	15.14	0.43	11.63	0.43	11.88	0.10	0.07	26.62	26.81	26.70	26.77	26.58	
Botro_Secco	Secco	9.298	A TR 200_bis	20.87	2.05	14.04	2.05	13.63	0.23	0.20	26.62	26.97	26.79	27.01	26.79	
Botro_Secco	Secco	9.297	A TR 30	15.14	1.85	11.63	1.85	13.63	0.22	0.18	26.50	26.81	26.70	26.77	26.58	
Botro_Secco	Secco	9.297	A TR 200_bis	20.87	4.18	14.04	4.18	13.63	0.35	0.32	26.50	26.97	26.79	27.01	26.79	
Botro_Secco	Secco	6.498	A TR 30	13.70	7.17	9.16	7.17	28.70	0.59	0.25	19.79	24.98	24.39	20.41	20.38	
Botro_Secco	Secco	6.498	A TR 200_bis	15.45	11.17	9.45	11.17	45.77	0.69	0.24	19.79	25.10	24.50	20.50	20.48	
Botro_Secco	Secco	6.497	A TR 30	13.70	2.07	9.16	2.07	14.04	0.37	0.18	20.01	24.98	24.39	20.41	20.38	
Botro_Secco	Secco	6.497	A TR 200_bis	15.45	3.55	9.45	3.55	18.79	0.47	0.21	20.01	25.10	24.50	20.50	20.48	
Botro_Secco	Secco	4.298	A TR 30	9.16	3.82	10.09	3.82	26.07	0.35	0.18	14.49	19.18	18.56	14.89	14.75	
Botro_Secco	Secco	4.298	A TR 200_bis	9.48	5.55	10.41	5.55	28.87	0.44	0.22	14.49	19.22	18.59	14.99	14.85	
Botro_Secco	Secco	4.297	A TR 30	9.16	1.48	10.09	1.48	17.32	0.36	0.11	14.48	19.18	18.56	14.89	14.75	
Botro_Secco	Secco	4.297	A TR 200_bis	9.48	2.56	10.41	2.56	19.18	0.45	0.16	14.48	19.22	18.59	14.99	14.85	

HEC-RAS Profile: Max WS

Storage Area	Plan	W.S. Elev (m)	SA Min El (m)	Net Flux (m3/s)	SA Area (1000 m2)	SA Volume (1000 m3)
BA_S1	A TR 30	32.10	32.10	0.00	0.02	0.00
BA_S1	A TR 200_bis	34.81	32.10	0.35	0.20	0.19
SA_BA_2	A TR 30	33.68	32.91	3.82	0.33	0.25
SA_BA_2	A TR 200_bis	34.80	32.91	21.84	0.68	0.90

Fosso dei Morti

Stato attuale

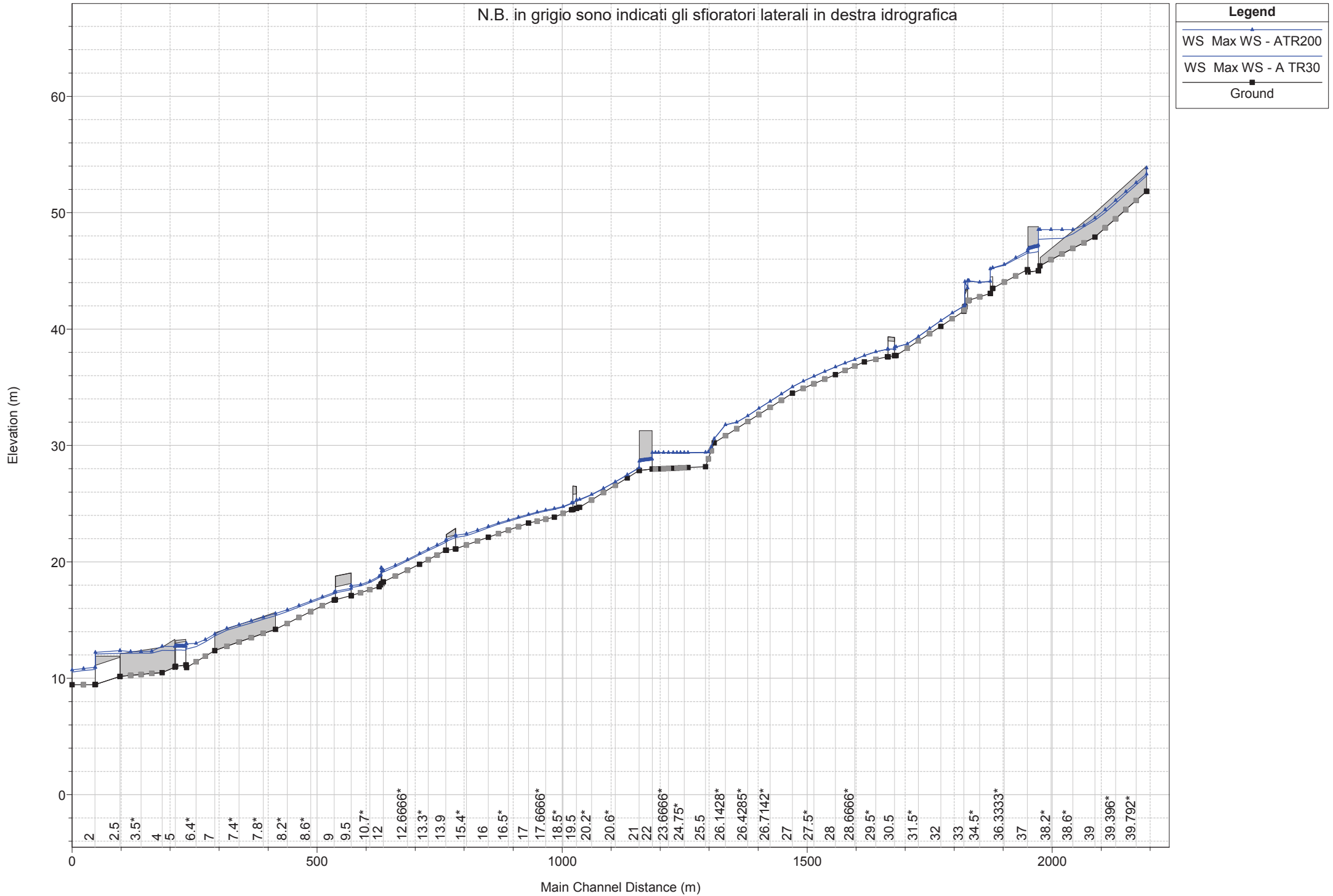


None of the XS's are Geo-Referenced (Geo-Ref user entered XS, Geo-Ref interpolated XS, Non Geo-Ref user entered XS, Non Geo-Ref interpolated XS)

1 cm Horiz. = 116 m 1 cm Vert. = 95 m

1) A TR30 2) ATR200

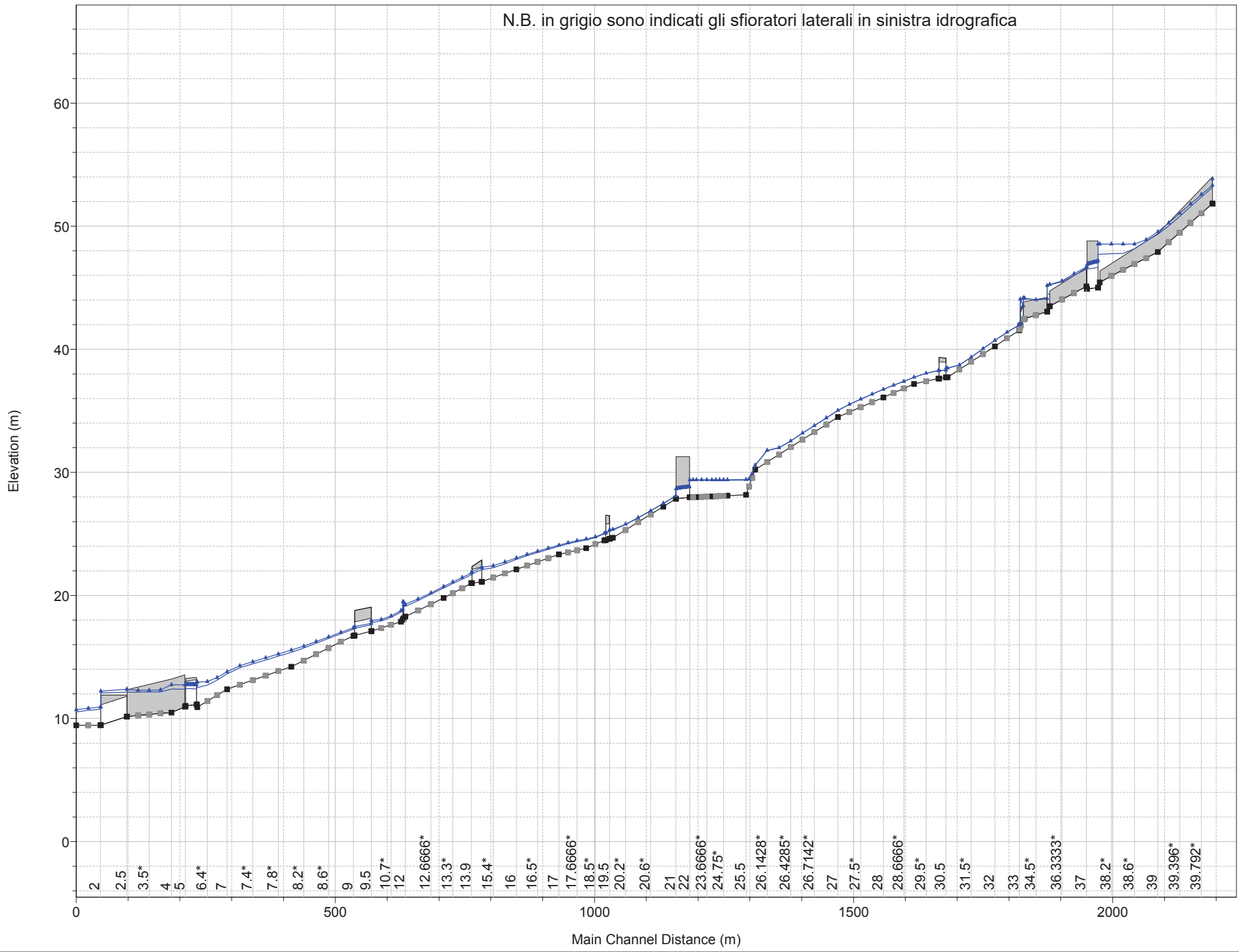
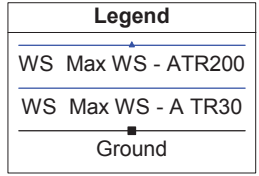
N.B. in grigio sono indicati gli sfioratori laterali in destra idrografica



1 cm Horiz. = 95 m 1 cm Vert. = 4 m

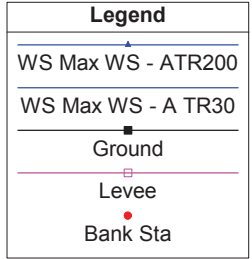
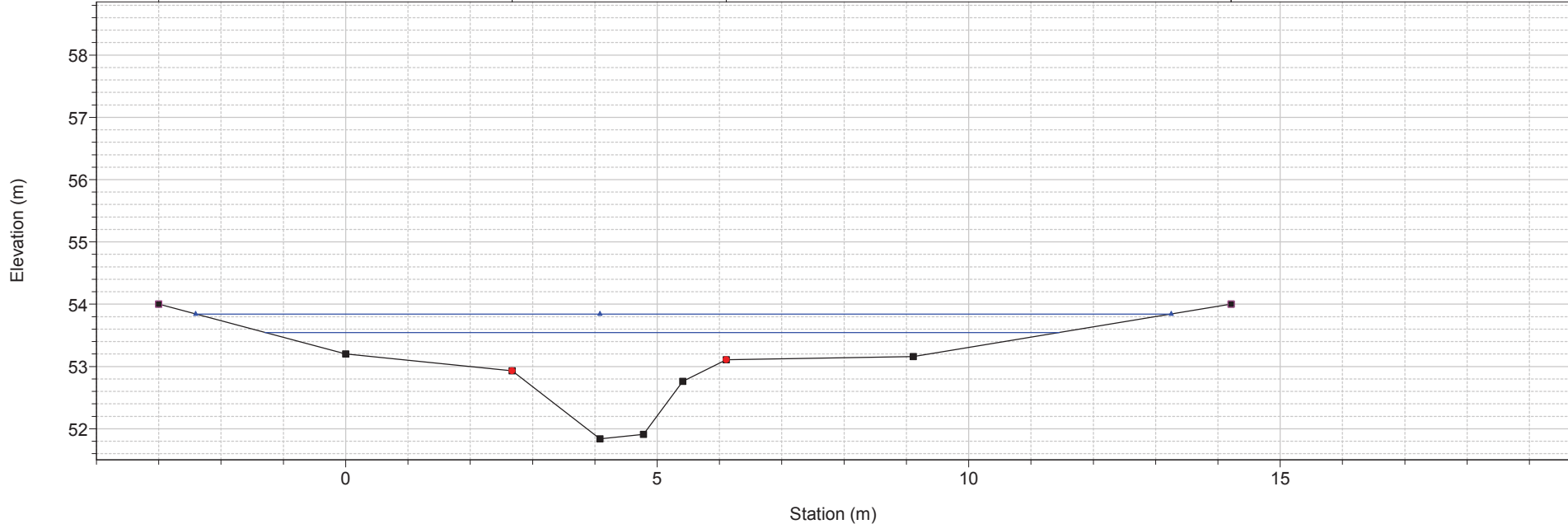
1) A TR30 2) ATR200

N.B. in grigio sono indicati gli sfioratori laterali in sinistra idrografica



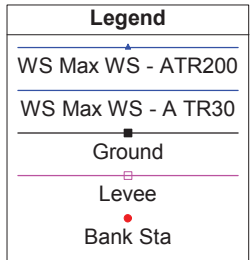
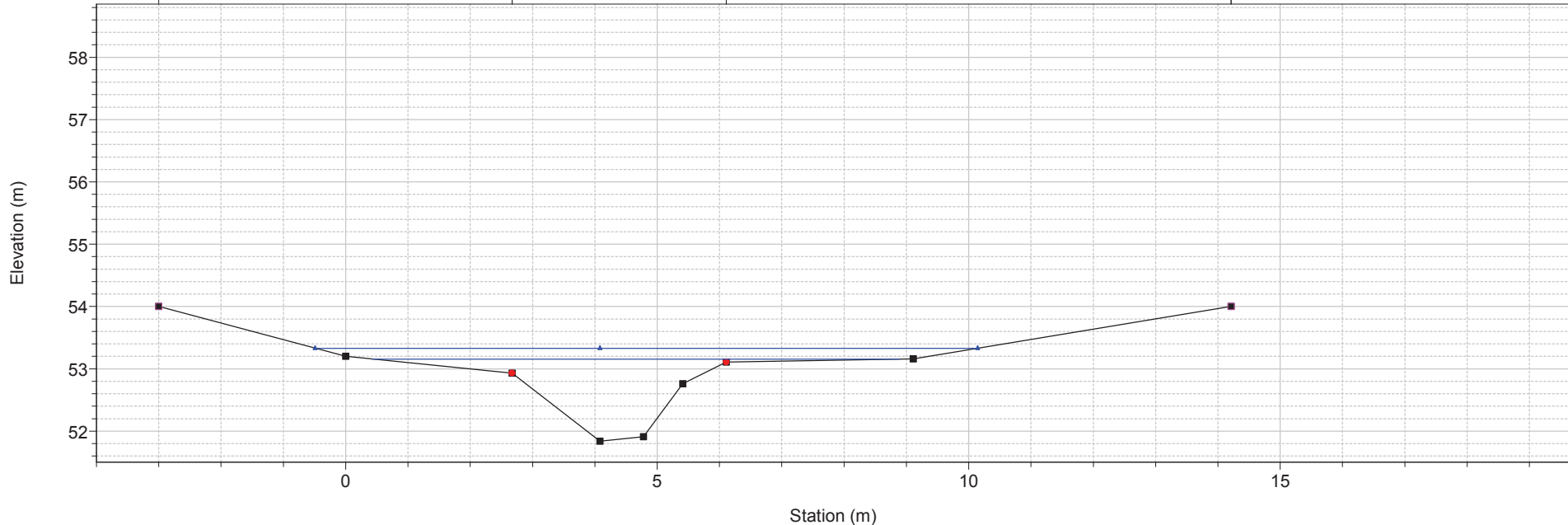
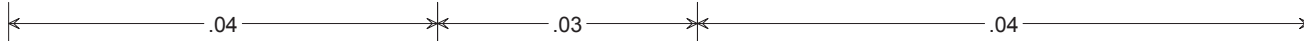
1) A TR30 2) ATR200

River = Fosso dei Morti Reach = Morti RS = 40 Sez.1



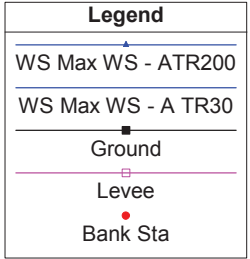
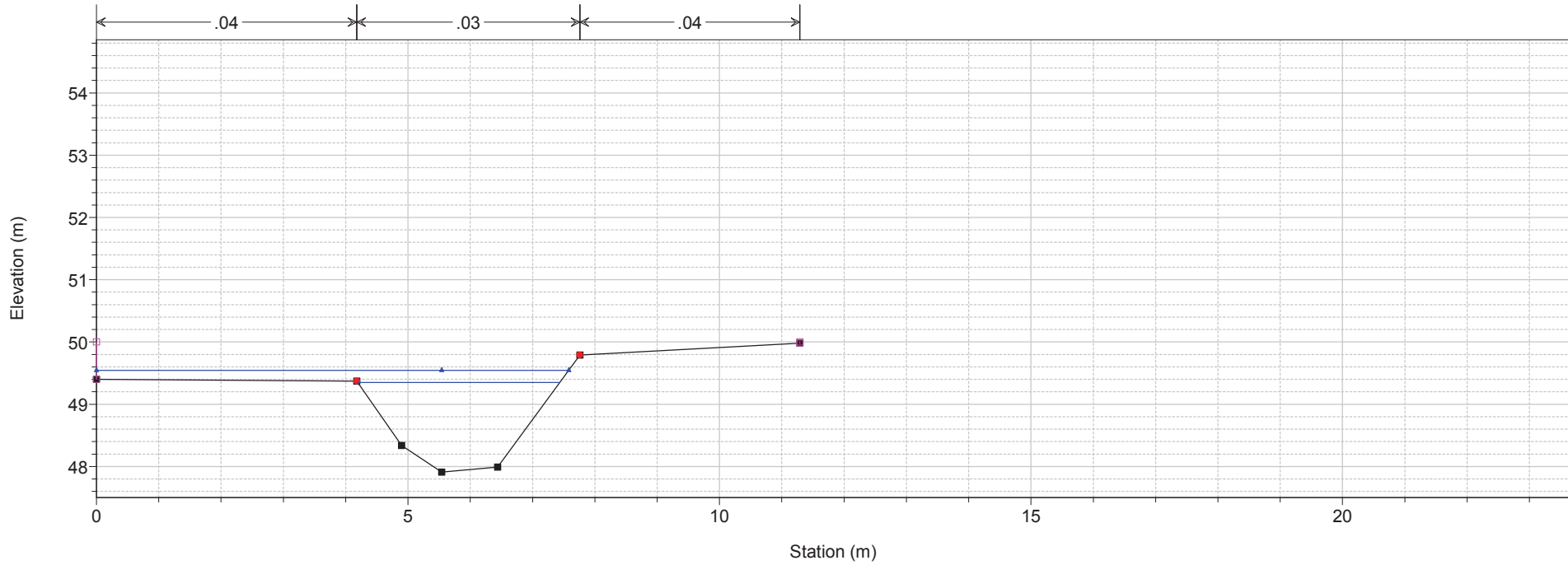
1) A TR30 2) ATR200

River = Fosso dei Morti Reach = Morti RS = 39.99 Sez.1



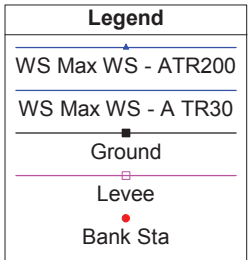
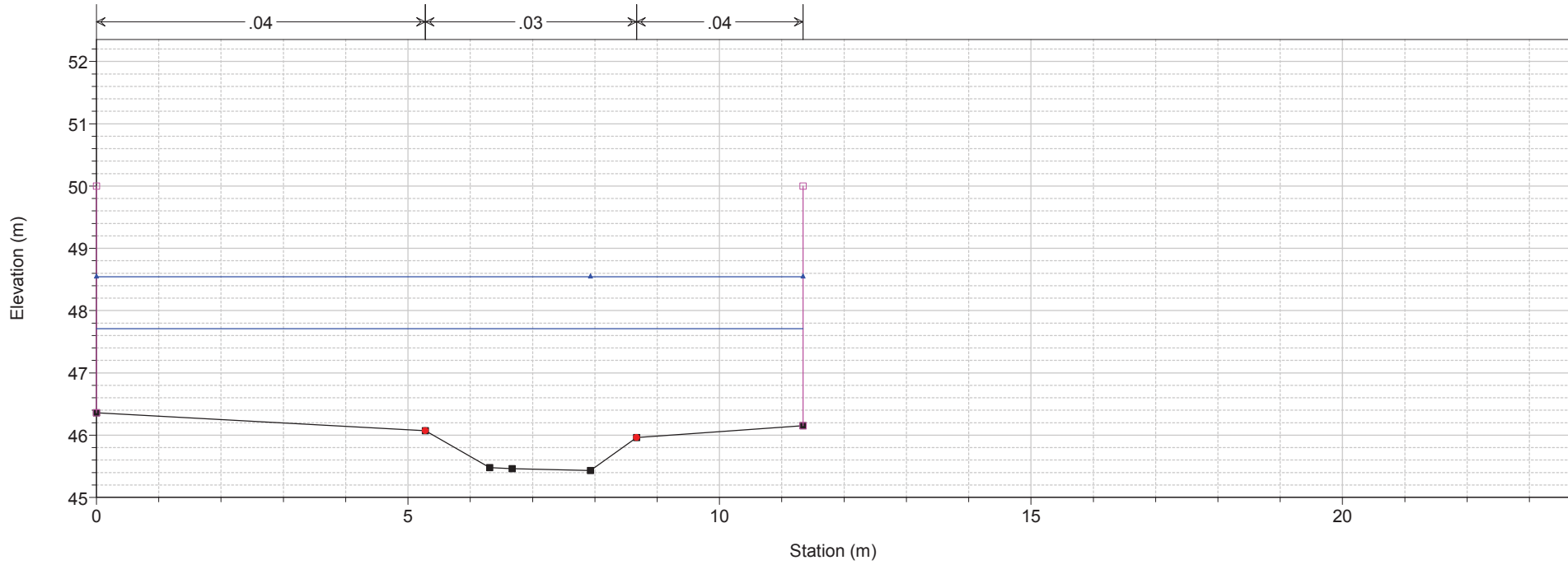
1) A TR30 2) ATR200

River = Fosso dei Morti Reach = Morti RS = 39 Sez.2



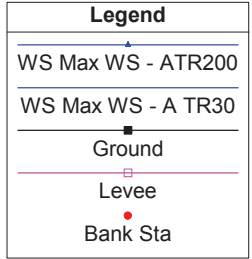
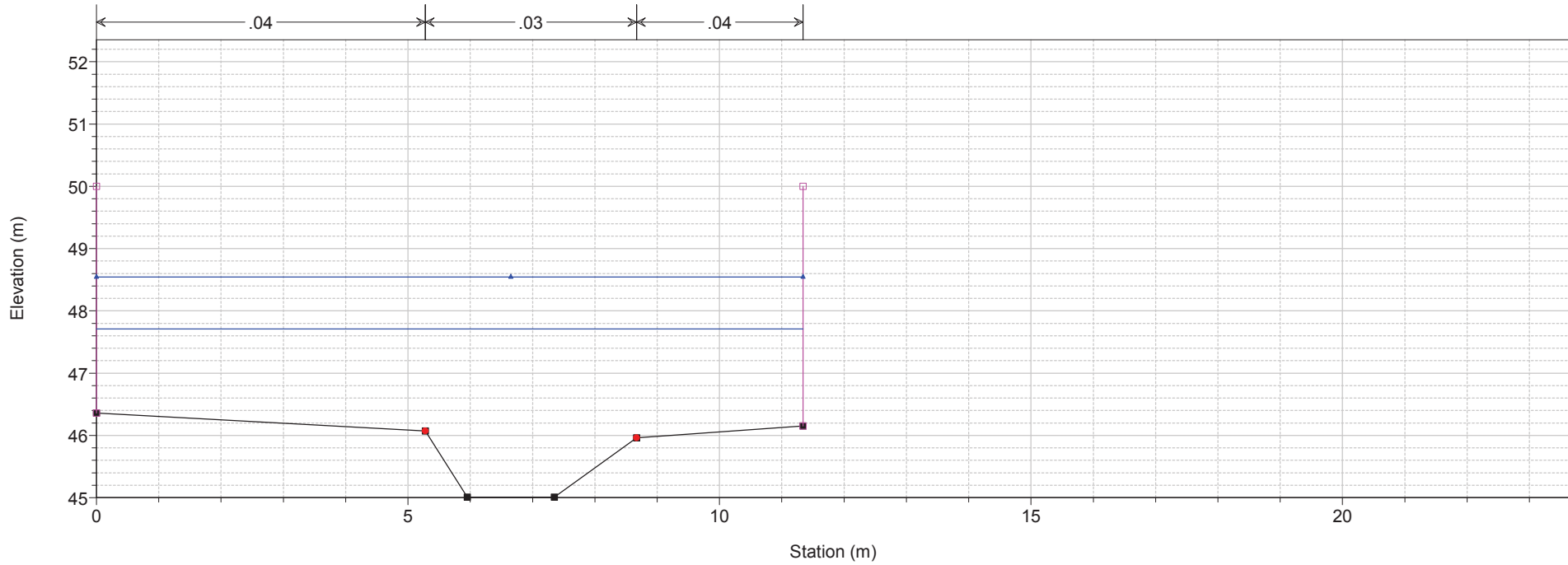
1) A TR30 2) ATR200

River = Fosso dei Morti Reach = Morti RS = 38 Sez. 3



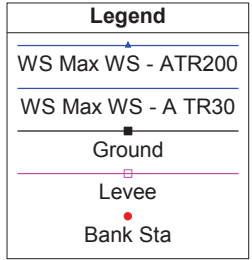
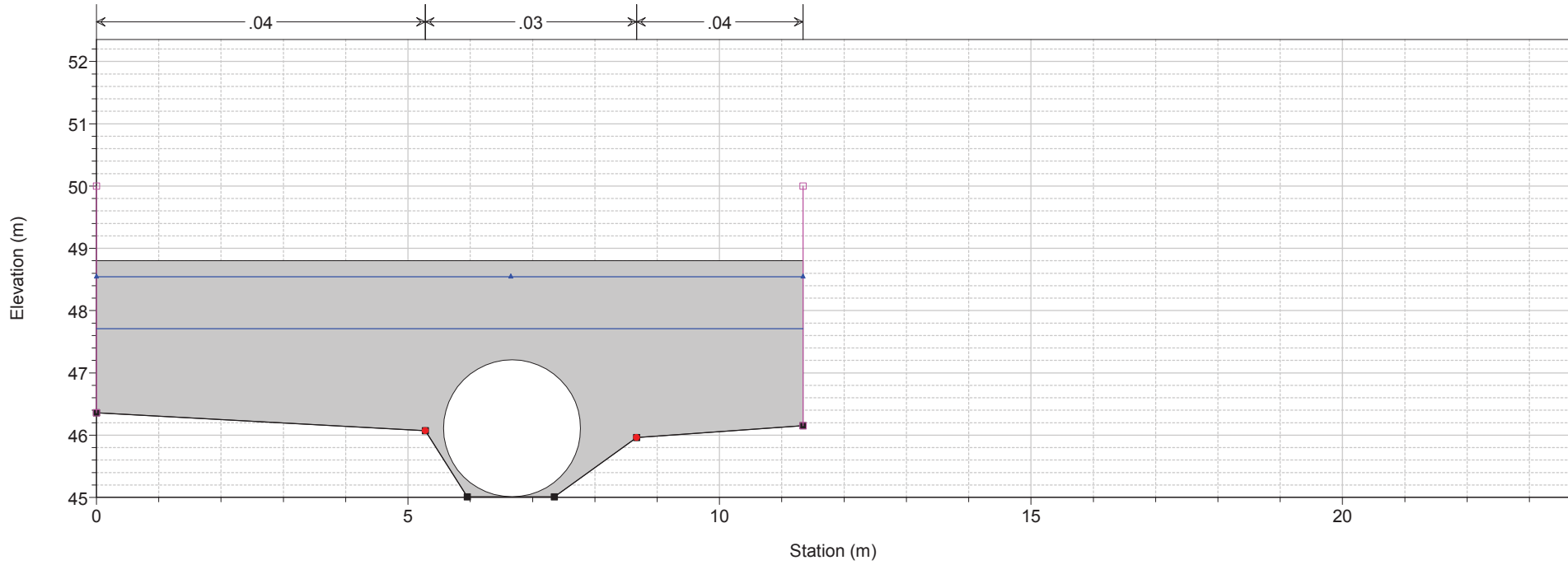
1) A TR30 2) ATR200

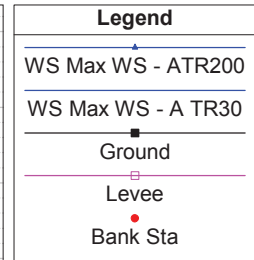
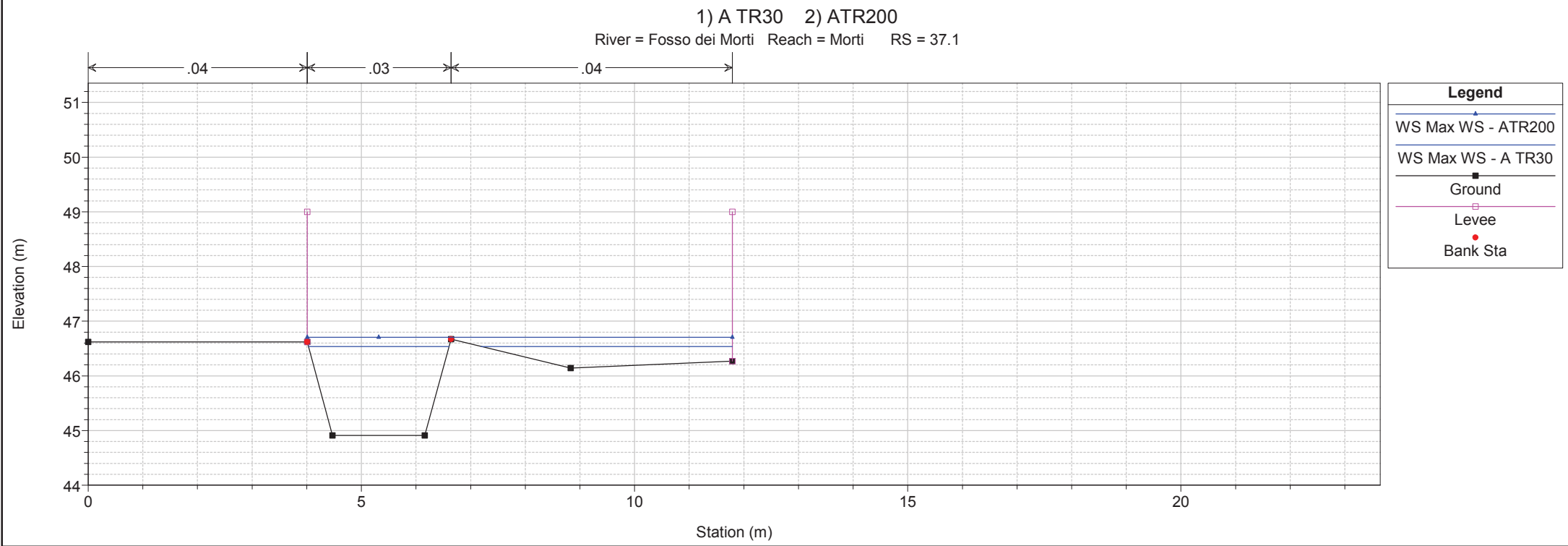
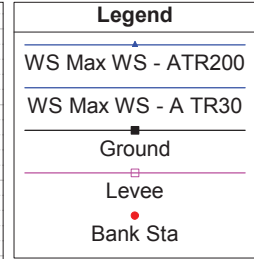
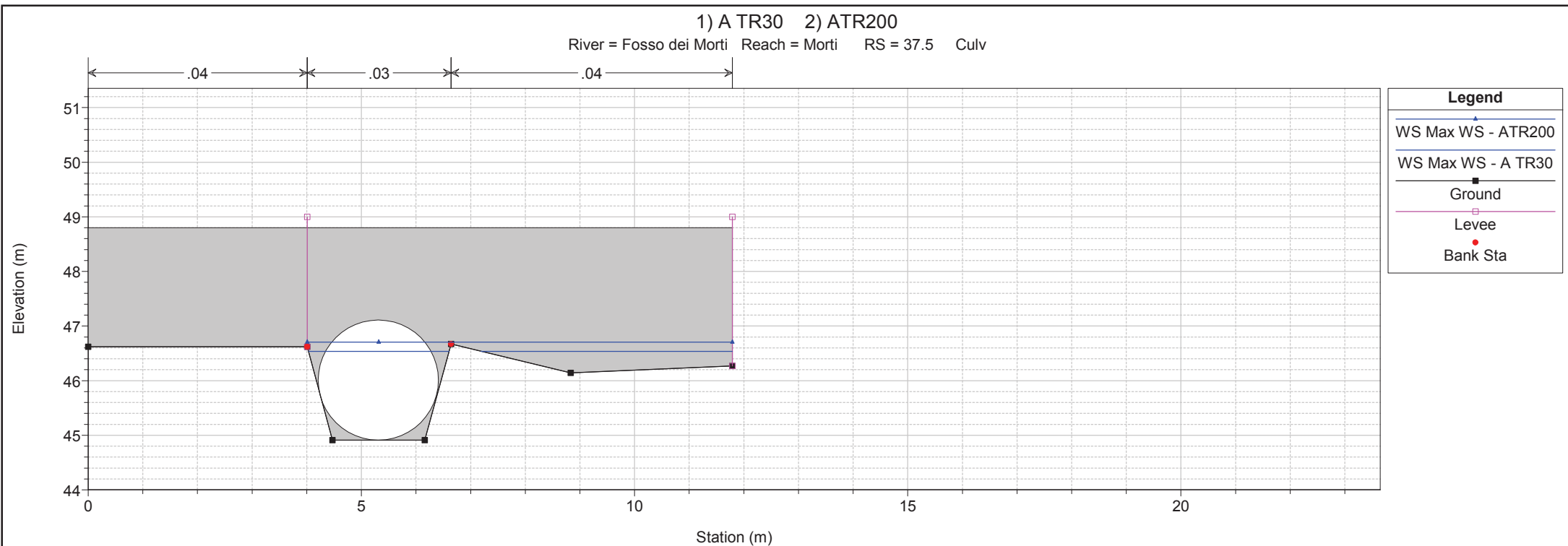
River = Fosso dei Morti Reach = Morti RS = 37.9



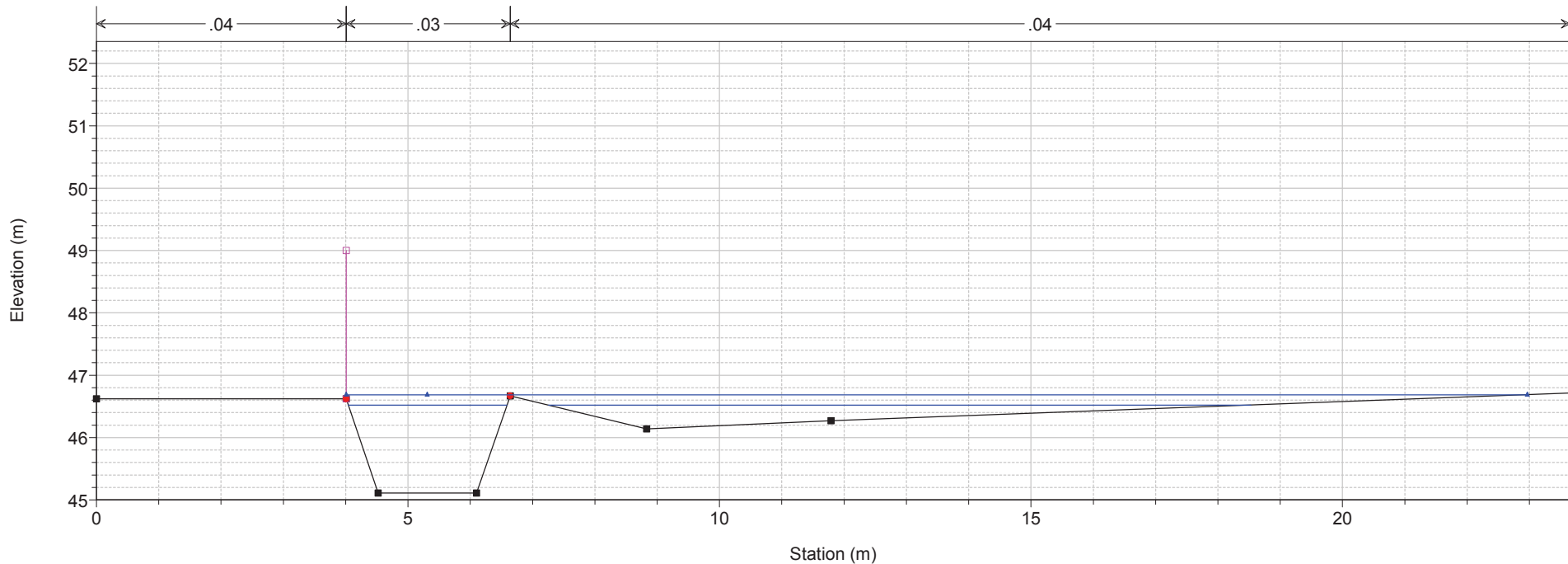
1) A TR30 2) ATR200

River = Fosso dei Morti Reach = Morti RS = 37.5 Culv

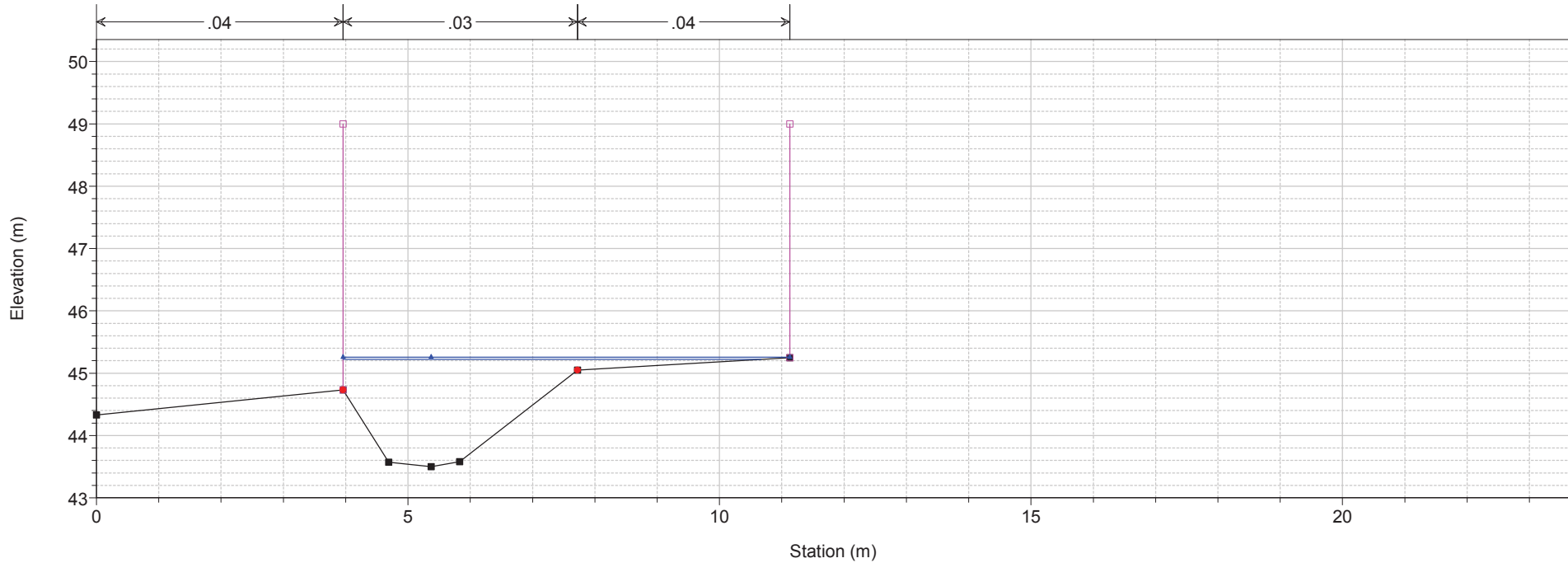




1) A TR30 2) ATR200
 River = Fosso dei Morti Reach = Morti RS = 37 Sez. 4

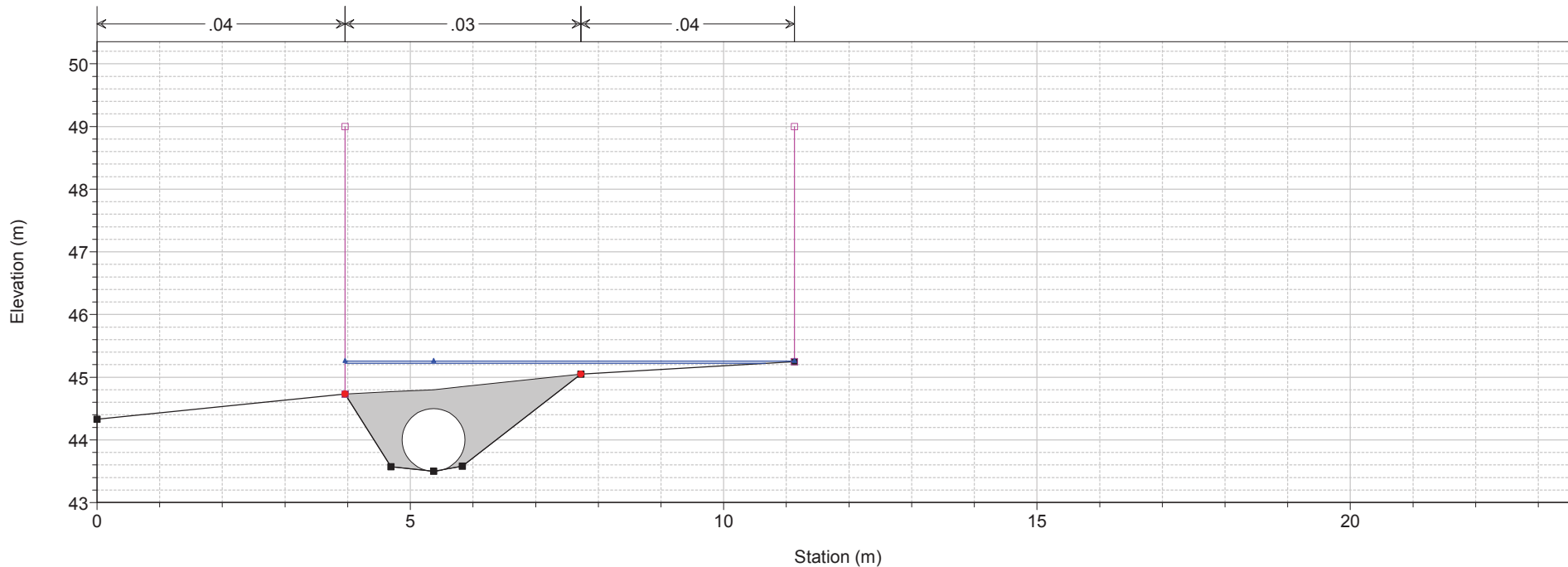


1) A TR30 2) ATR200
 River = Fosso dei Morti Reach = Morti RS = 36 Sez. 5



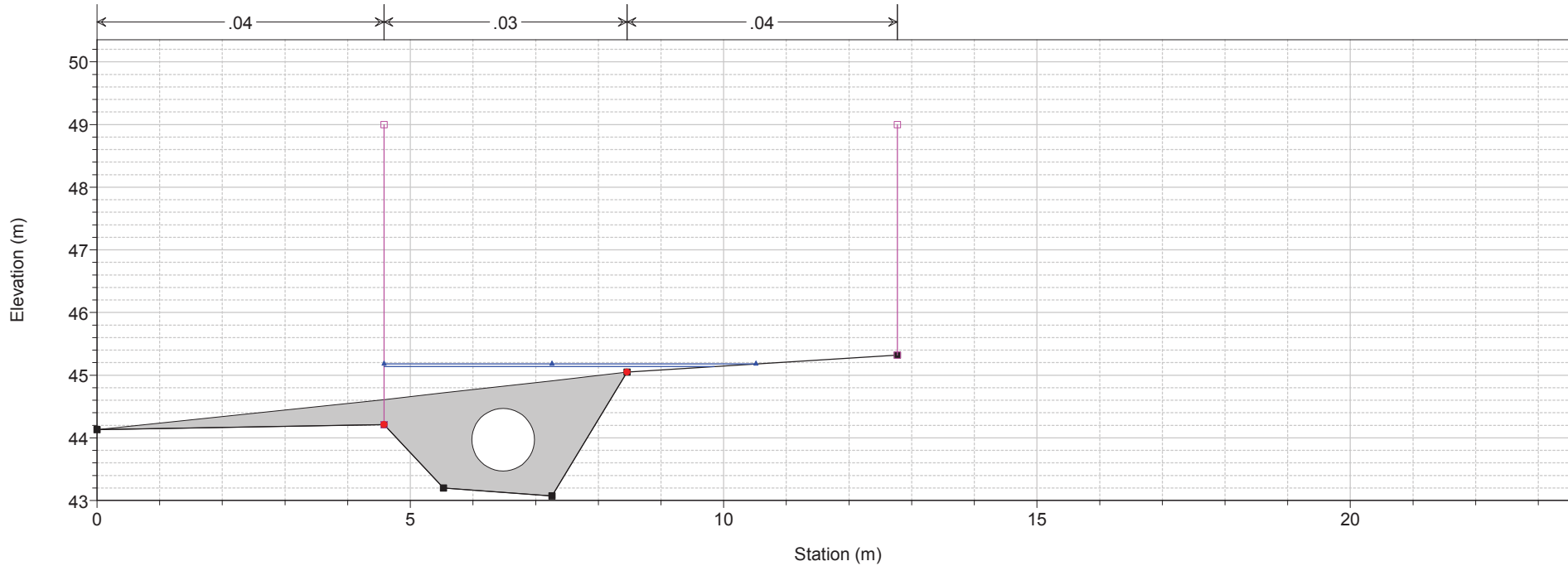
1) A TR30 2) ATR200

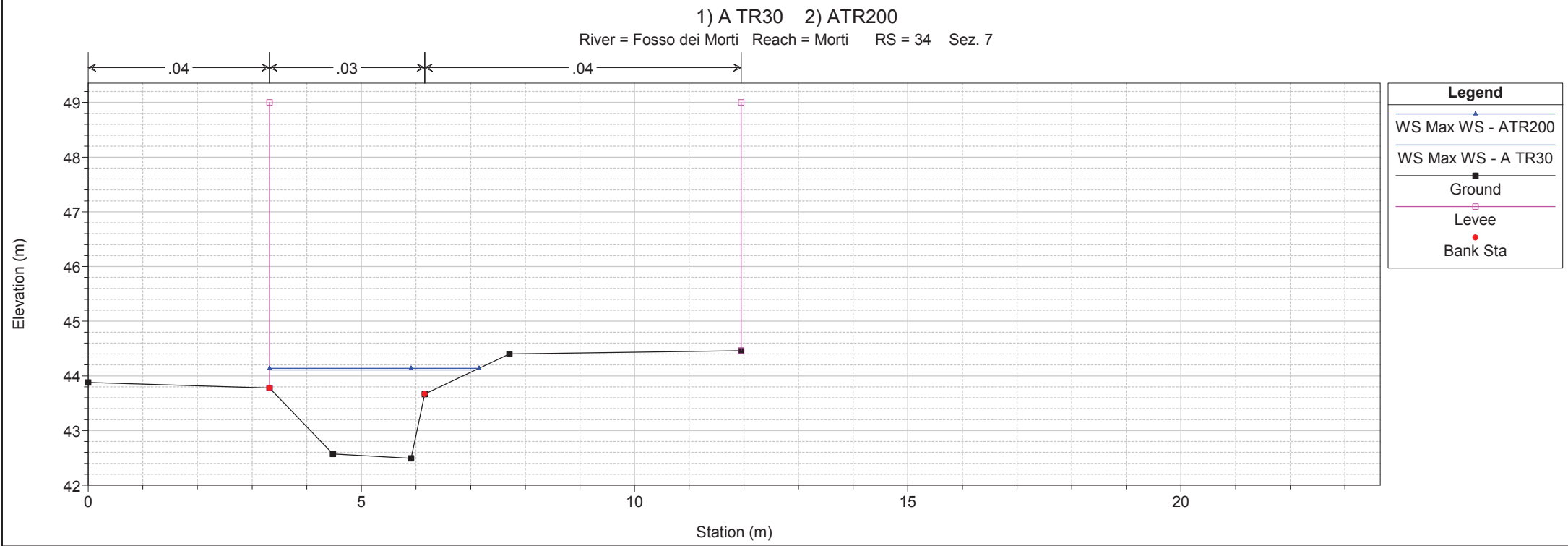
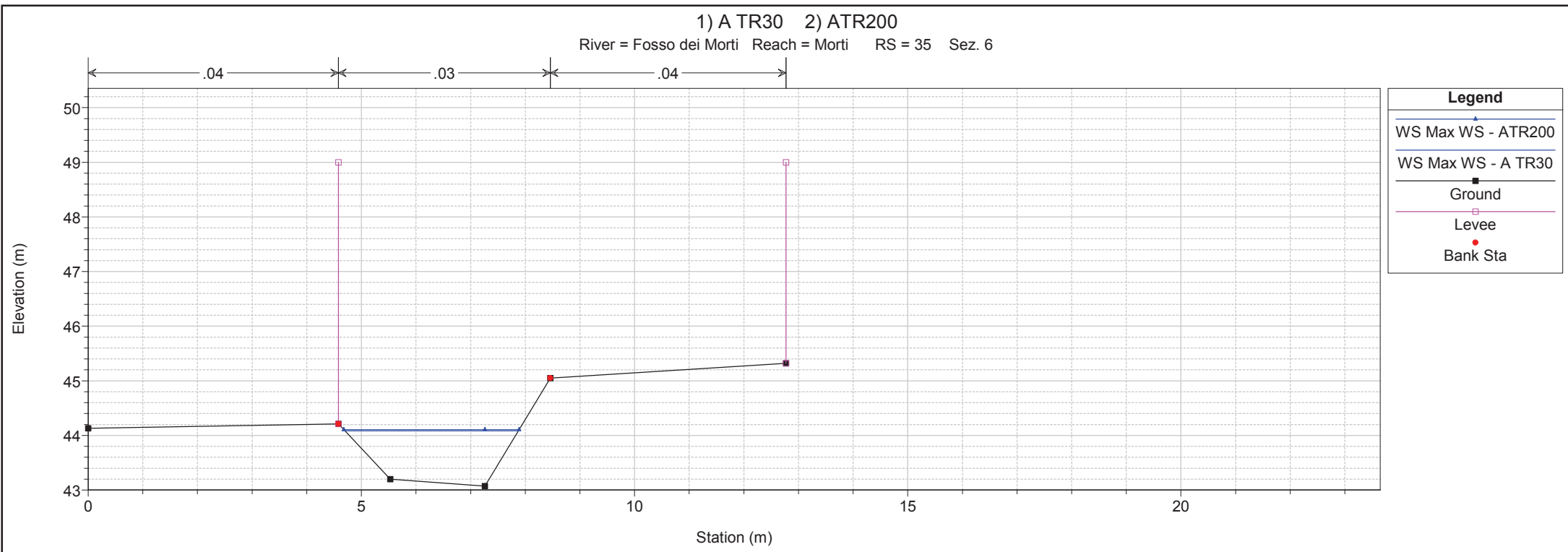
River = Fosso dei Morti Reach = Morti RS = 35.5 Culv

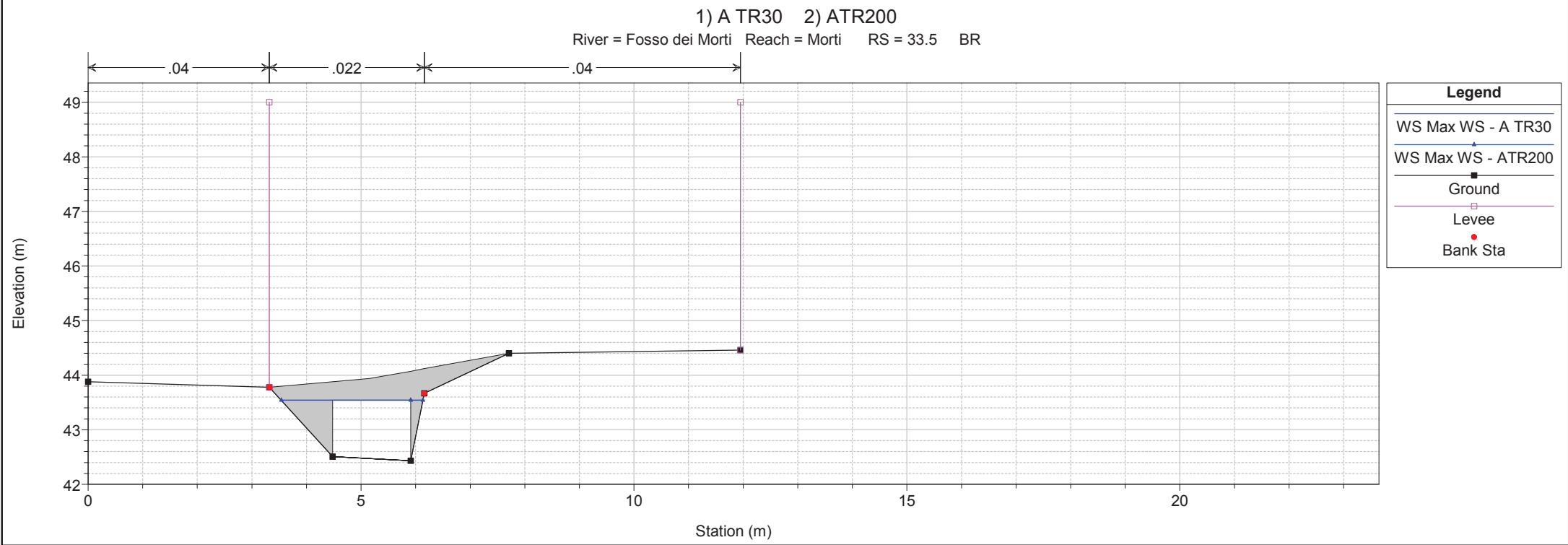
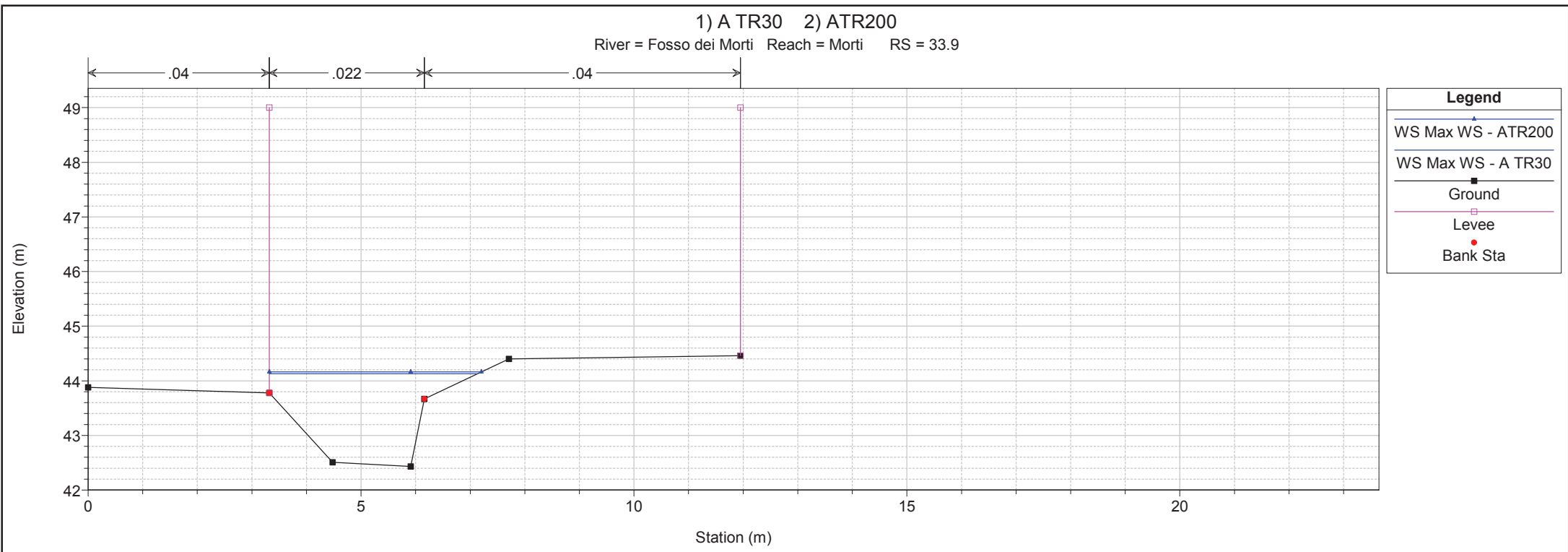


1) A TR30 2) ATR200

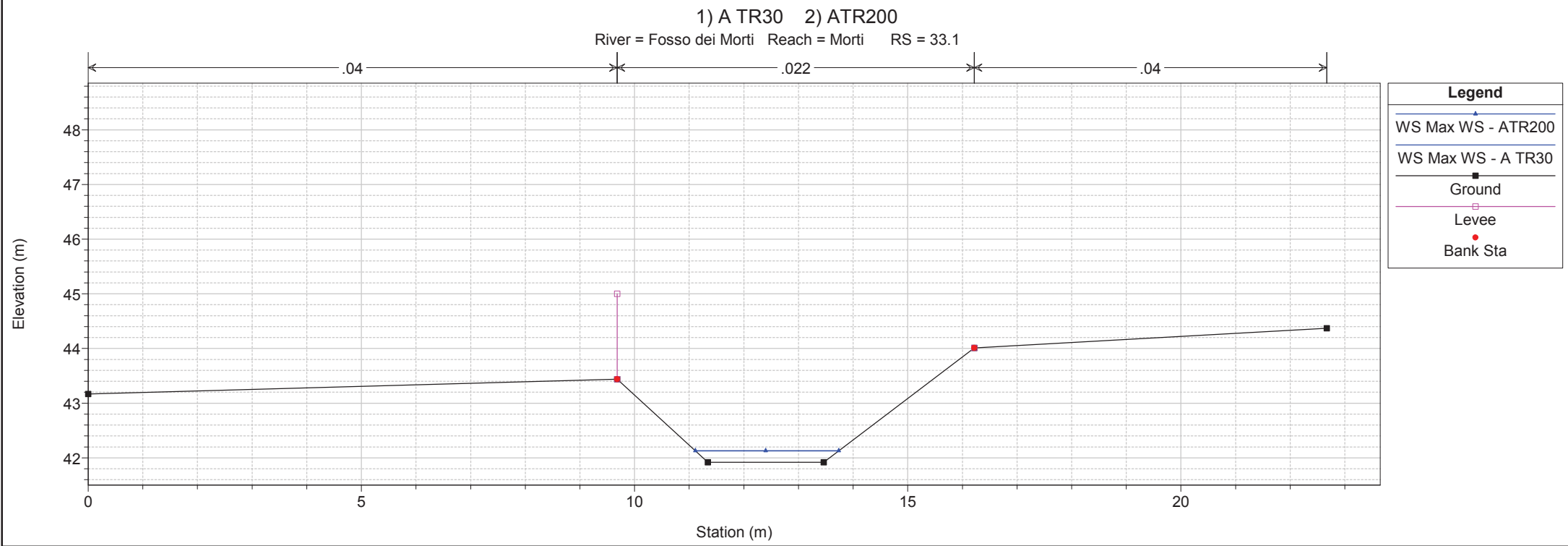
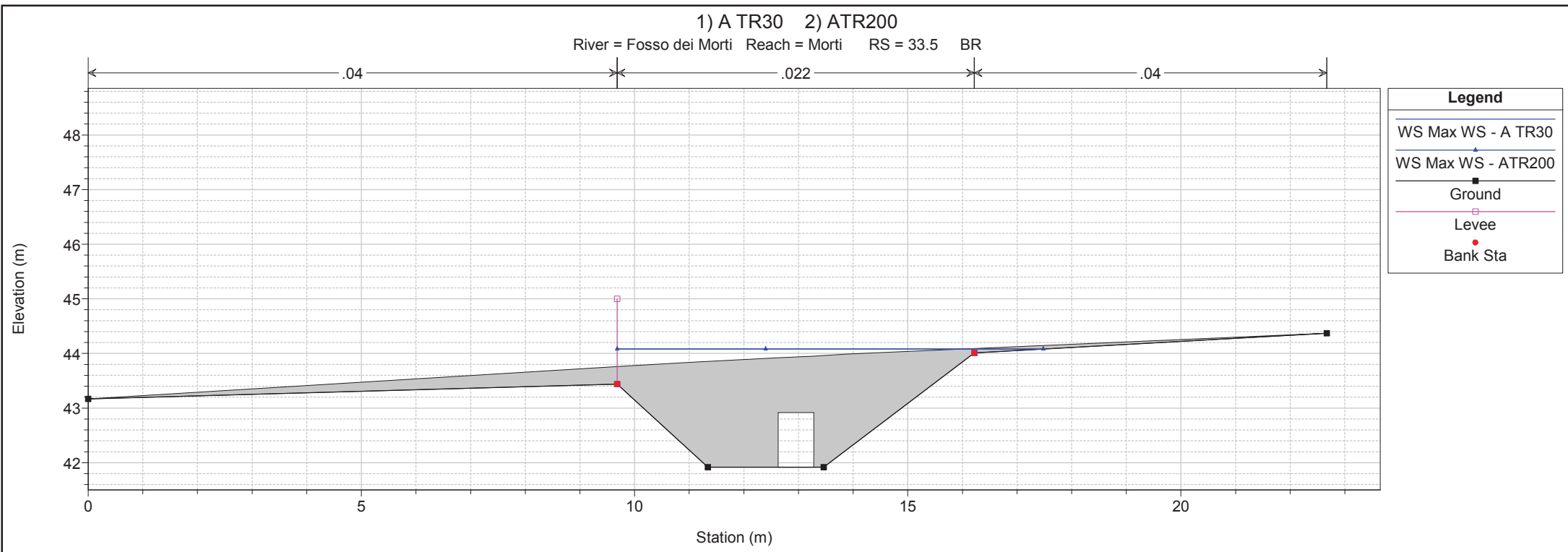
River = Fosso dei Morti Reach = Morti RS = 35.5 Culv







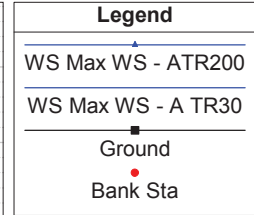
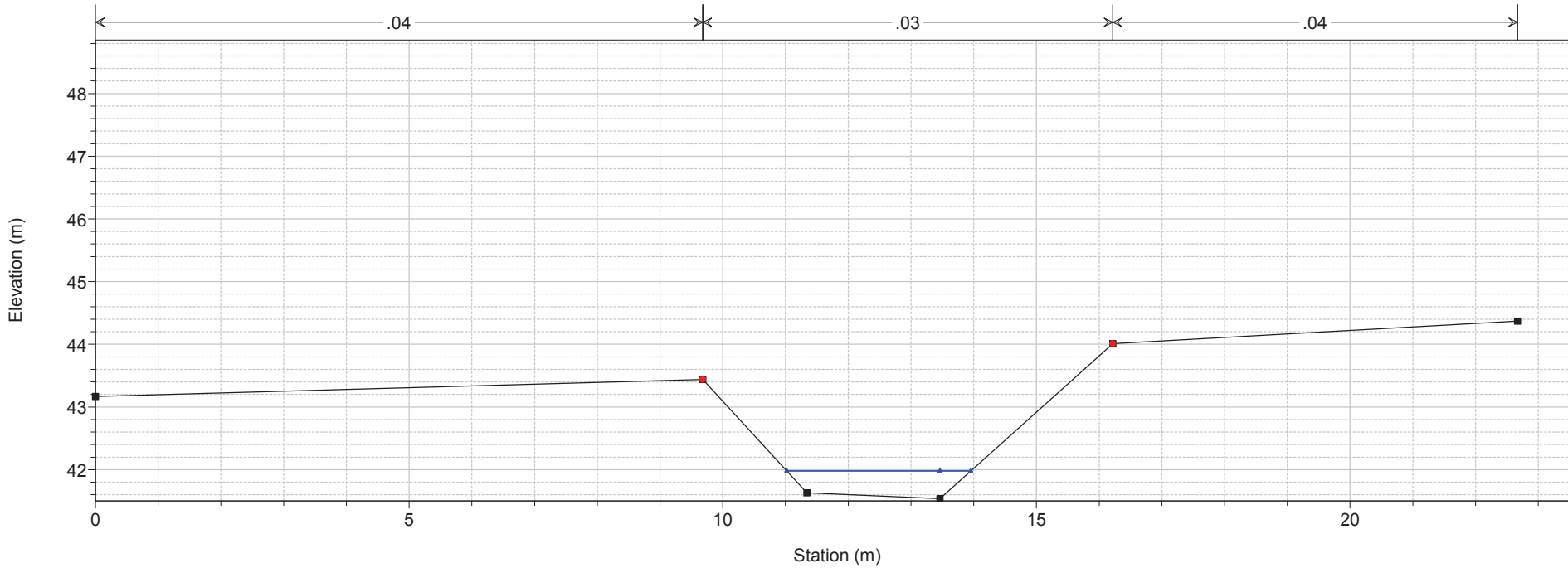
1 cm Horiz. = 1 m 1 cm Vert. = 1 m



1 cm Horiz. = 1 m 1 cm Vert. = 1 m

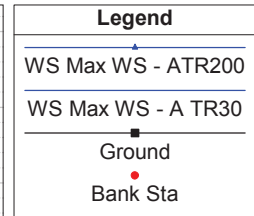
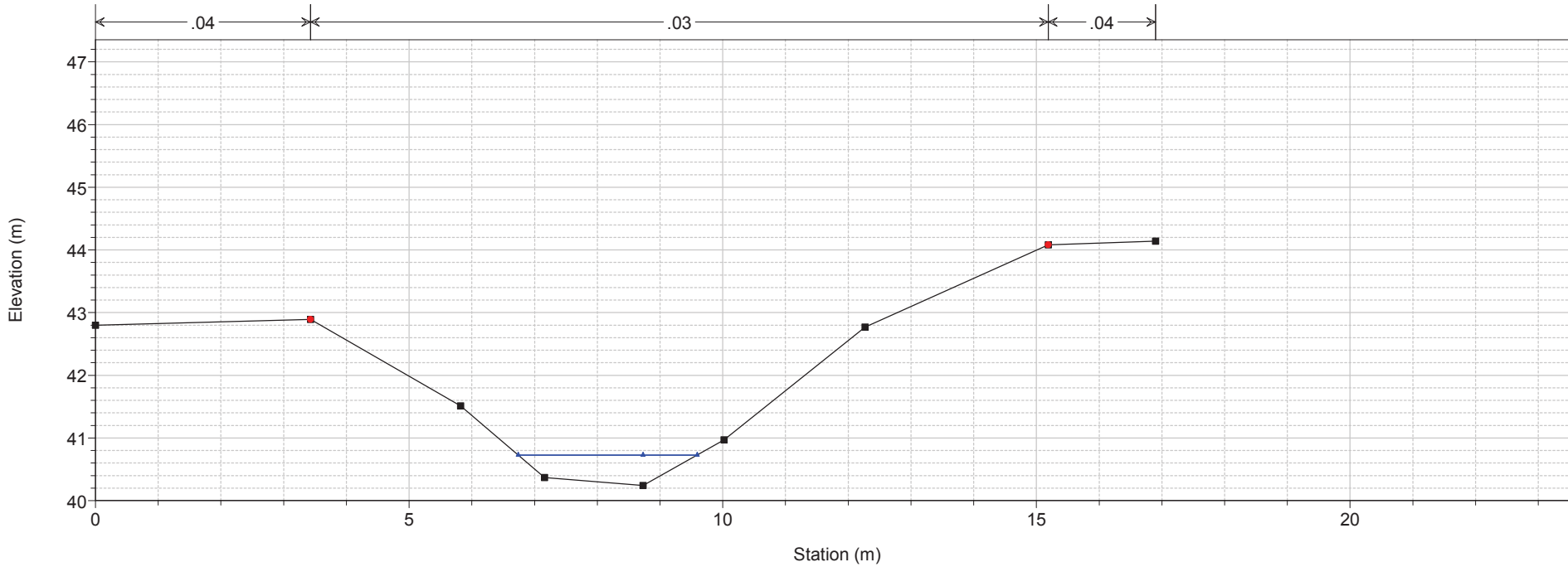
1) A TR30 2) ATR200

River = Fosso dei Morti Reach = Morti RS = 33 Sez. 8

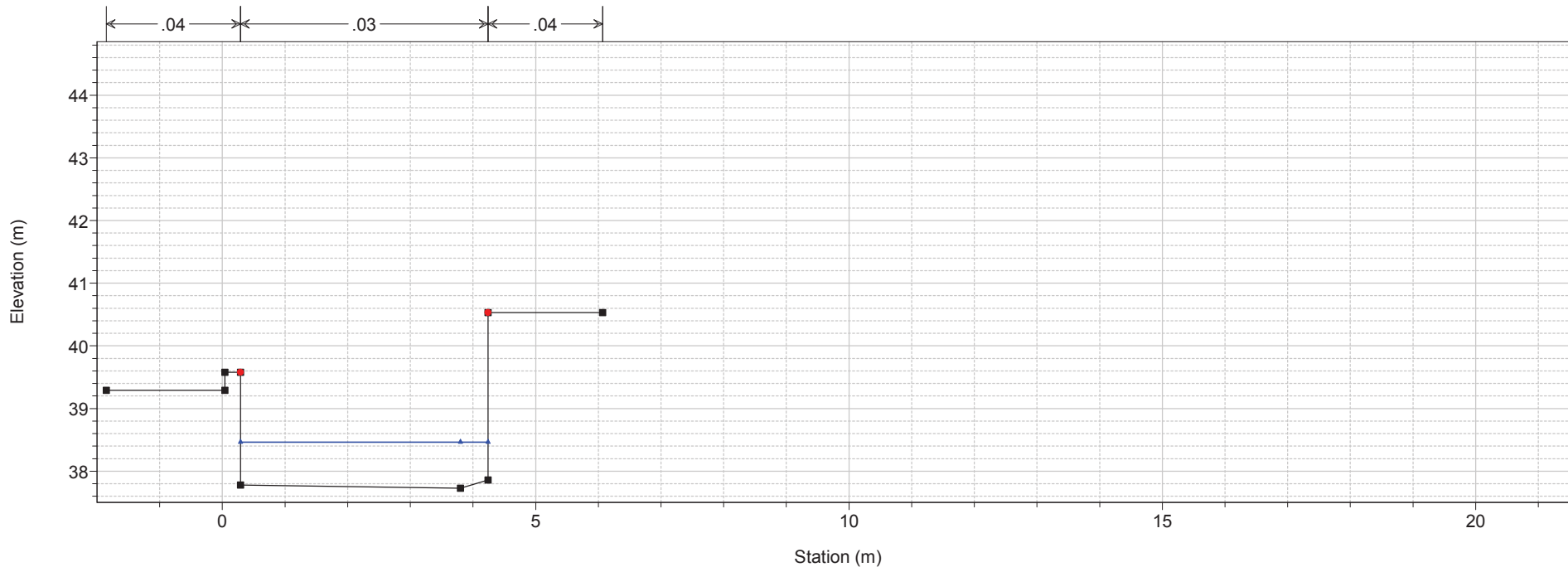


1) A TR30 2) ATR200

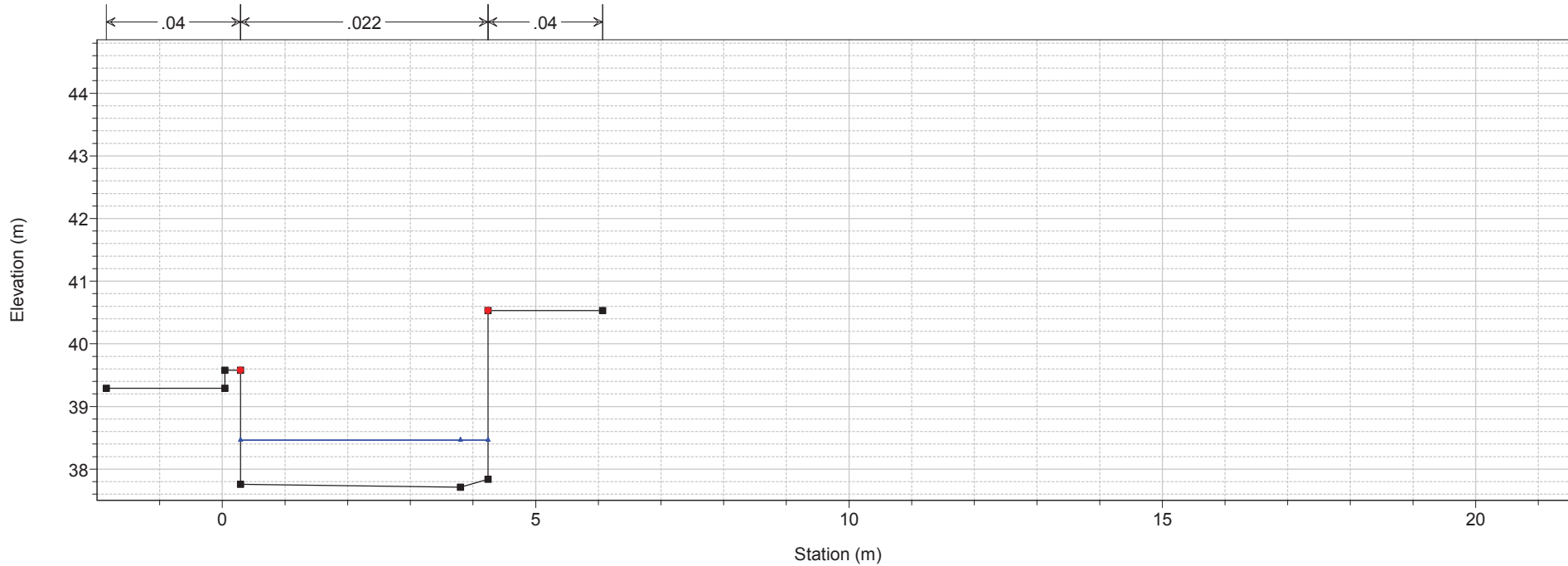
River = Fosso dei Morti Reach = Morti RS = 32 Sez. 9



1) A TR30 2) ATR200
 River = Fosso dei Morti Reach = Morti RS = 31 Sez. 10

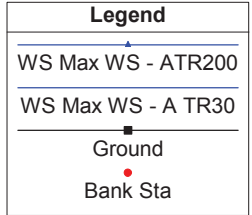
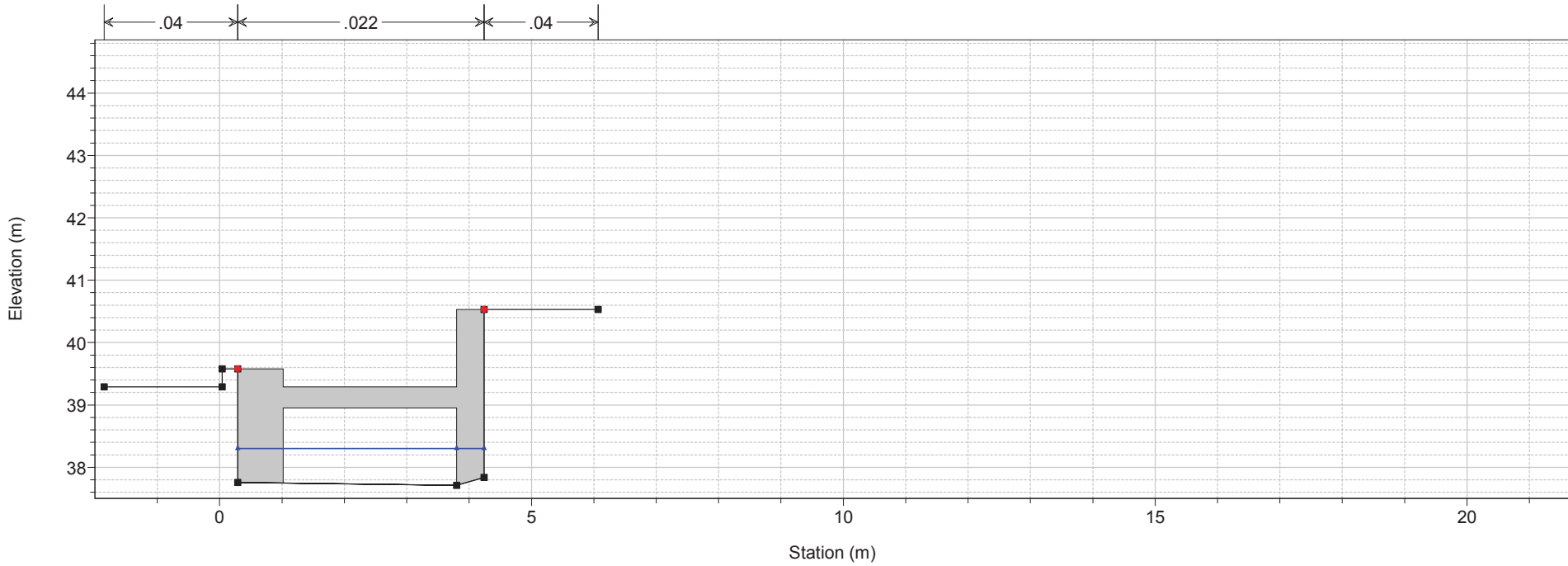


1) A TR30 2) ATR200
 River = Fosso dei Morti Reach = Morti RS = 30.9



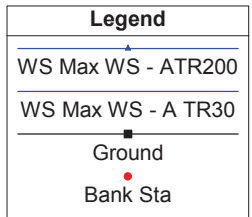
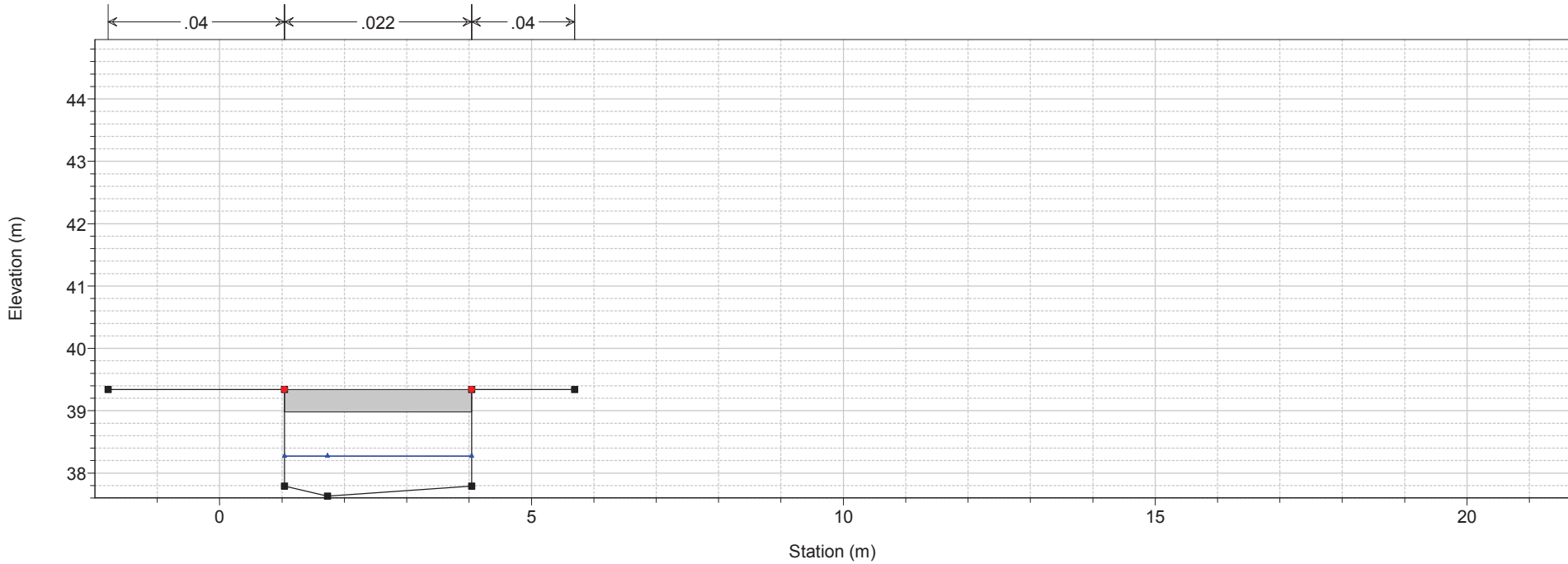
1) A TR30 2) ATR200

River = Fosso dei Morti Reach = Morti RS = 30.5 BR

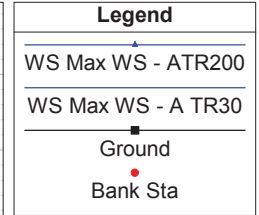
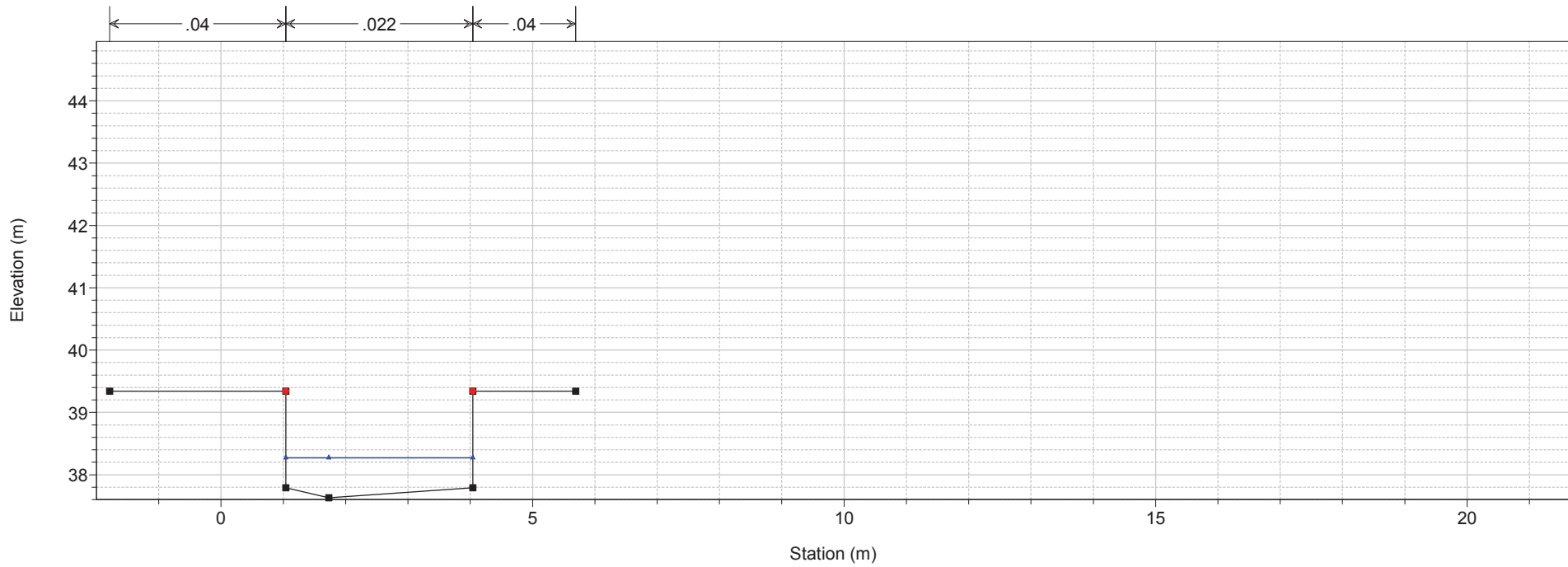


1) A TR30 2) ATR200

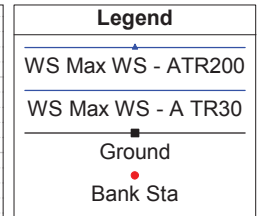
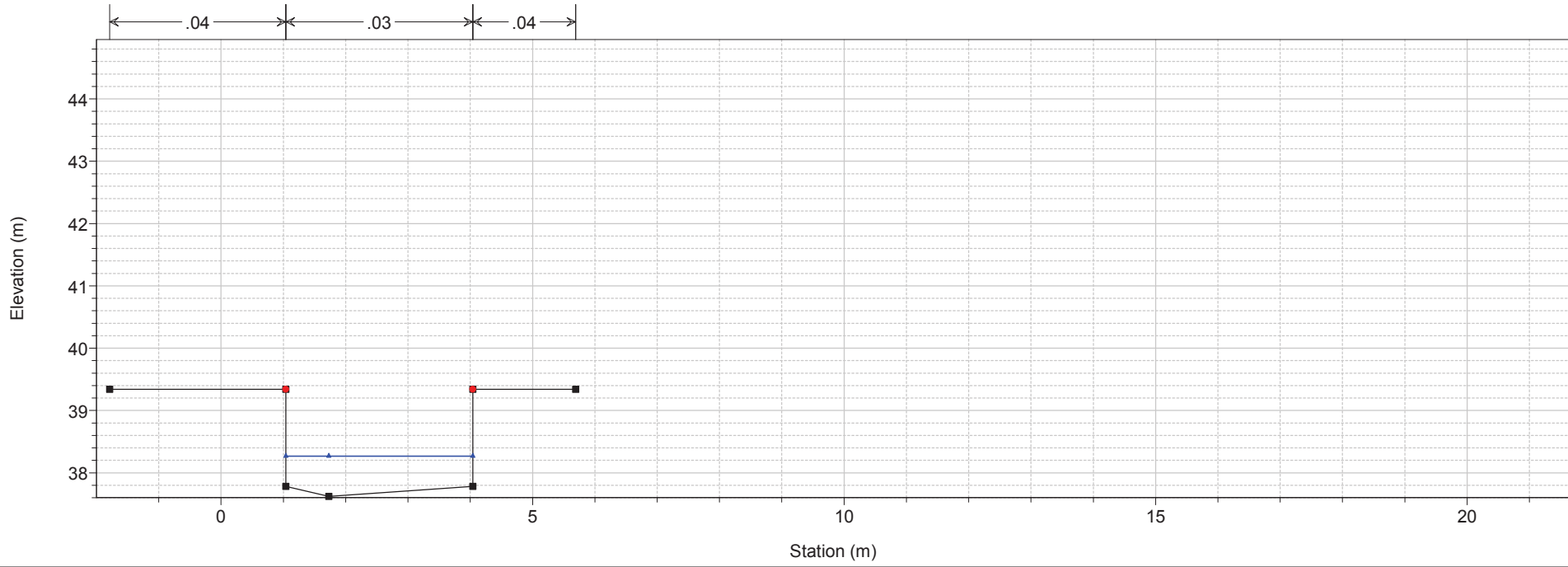
River = Fosso dei Morti Reach = Morti RS = 30.5 BR



1) A TR30 2) ATR200
 River = Fosso dei Morti Reach = Morti RS = 30.1 Sez. 11

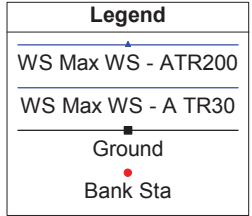
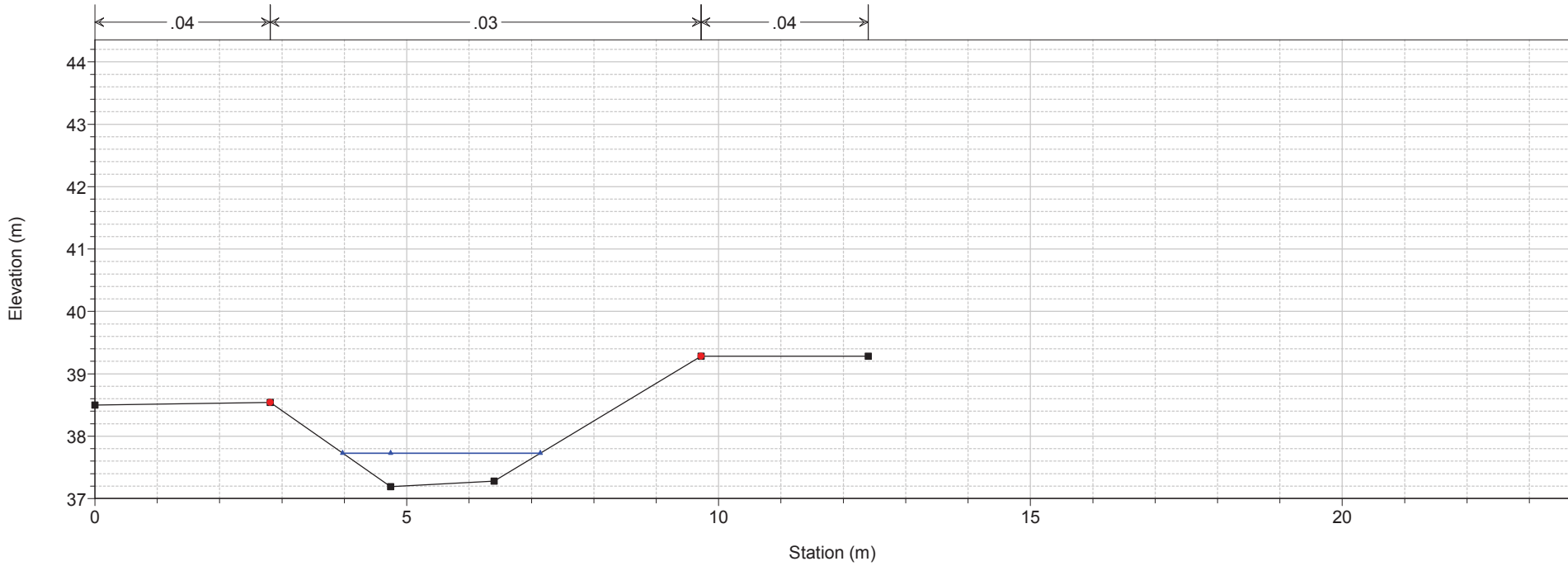


1) A TR30 2) ATR200
 River = Fosso dei Morti Reach = Morti RS = 30 Sez. 11



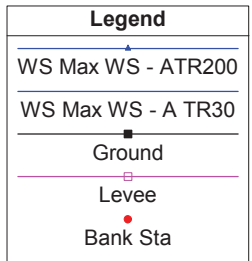
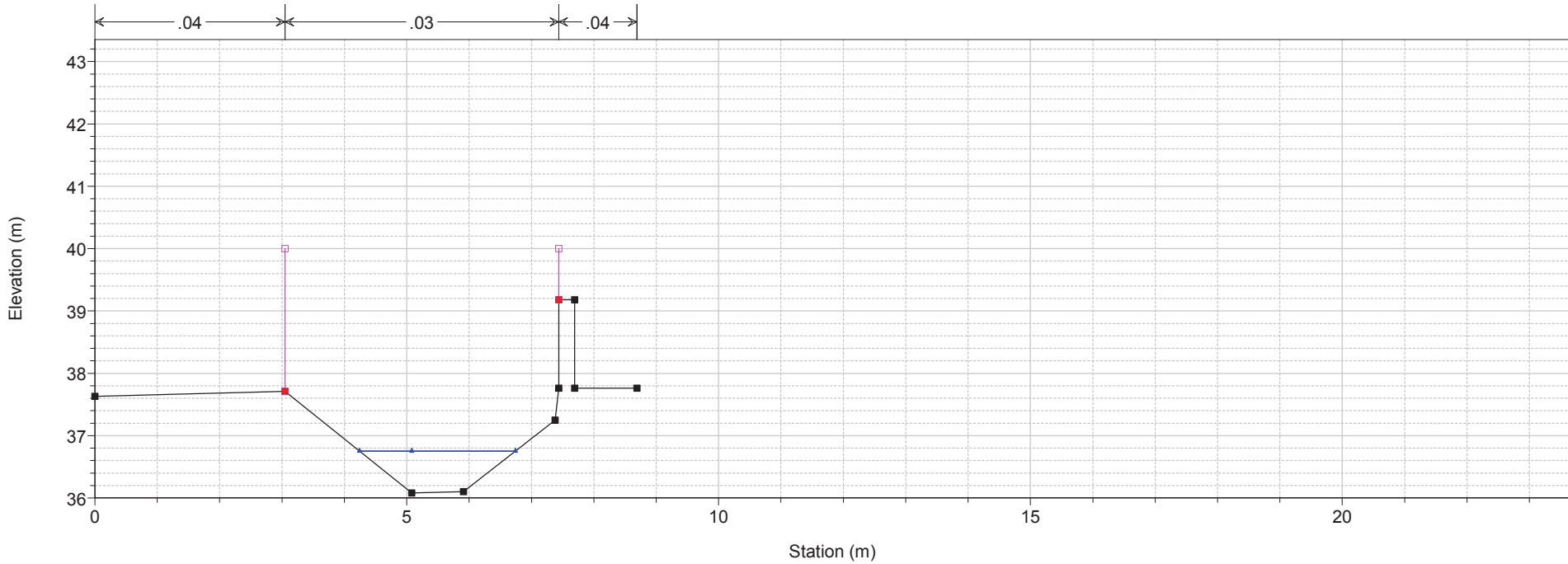
1) A TR30 2) ATR200

River = Fosso dei Morti Reach = Morti RS = 29 Sez. 12

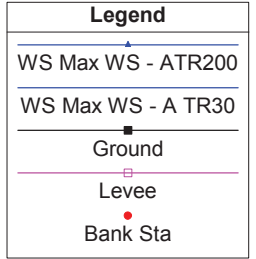
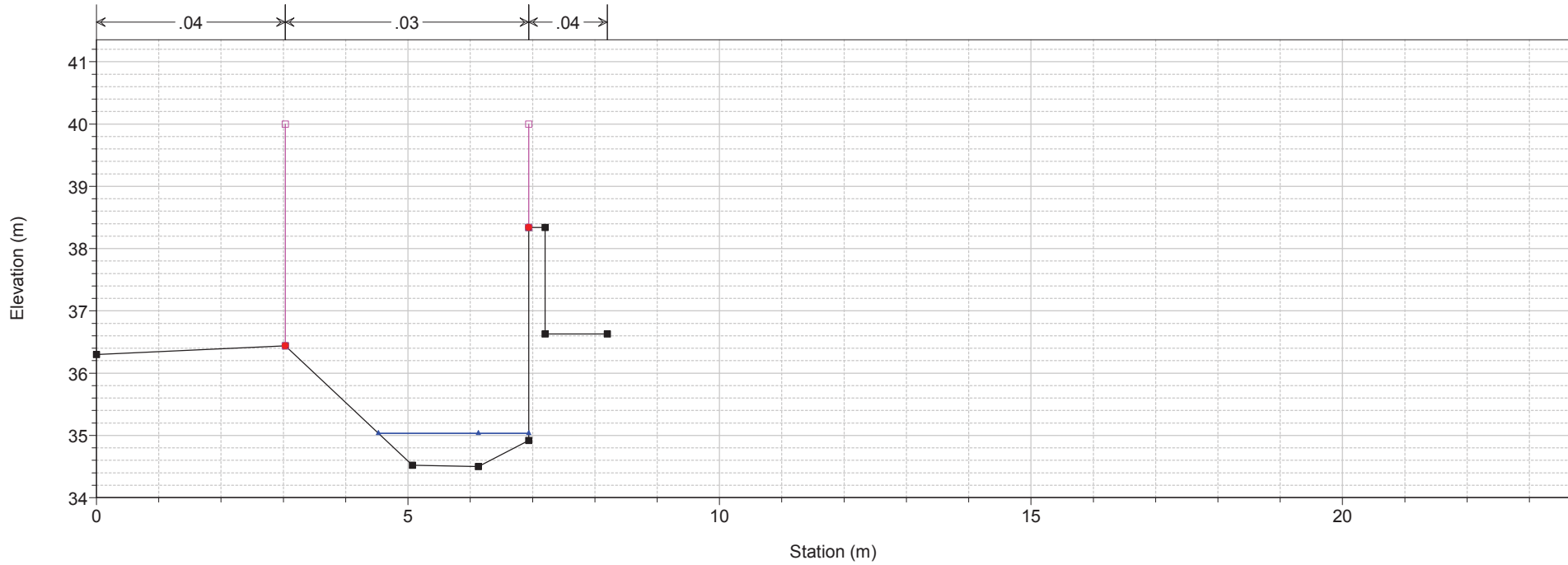


1) A TR30 2) ATR200

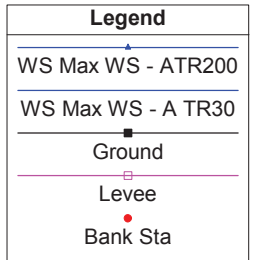
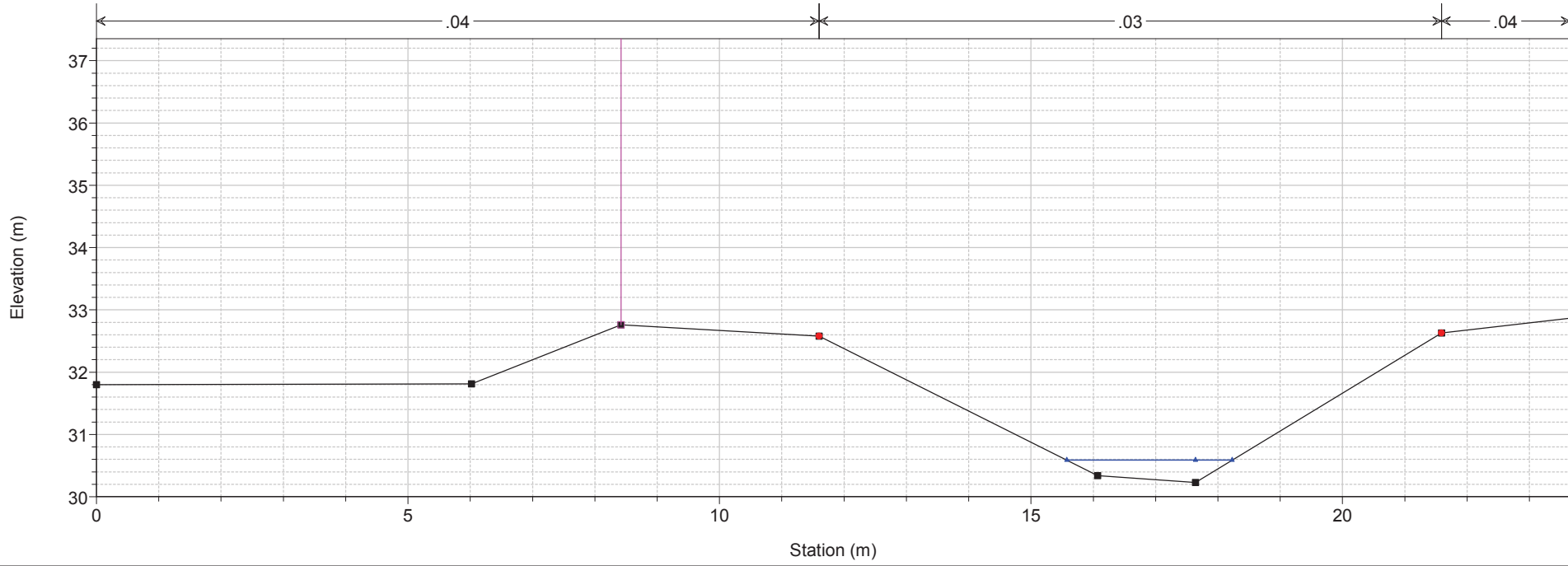
River = Fosso dei Morti Reach = Morti RS = 28 Sez. 13



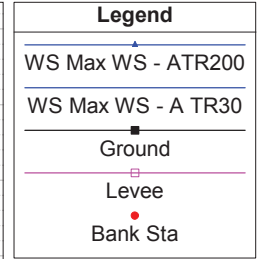
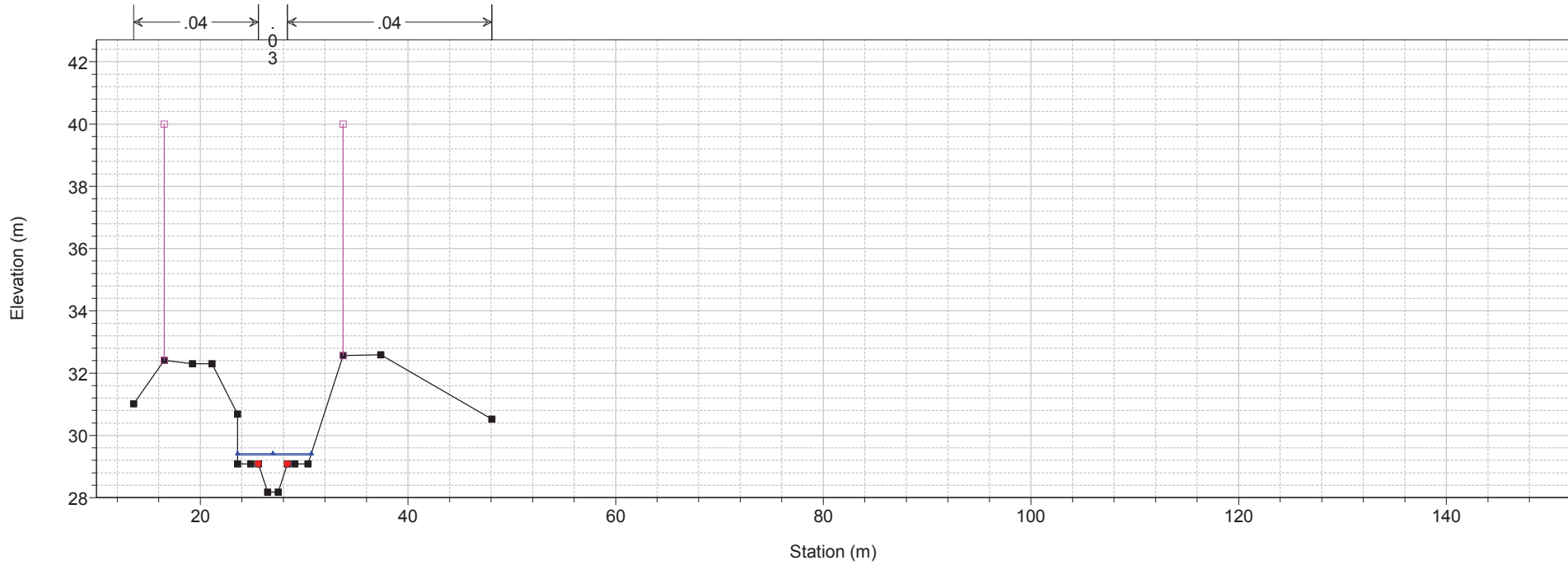
1) A TR30 2) ATR200
 River = Fosso dei Morti Reach = Morti RS = 27 Sez. 14



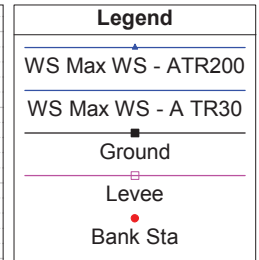
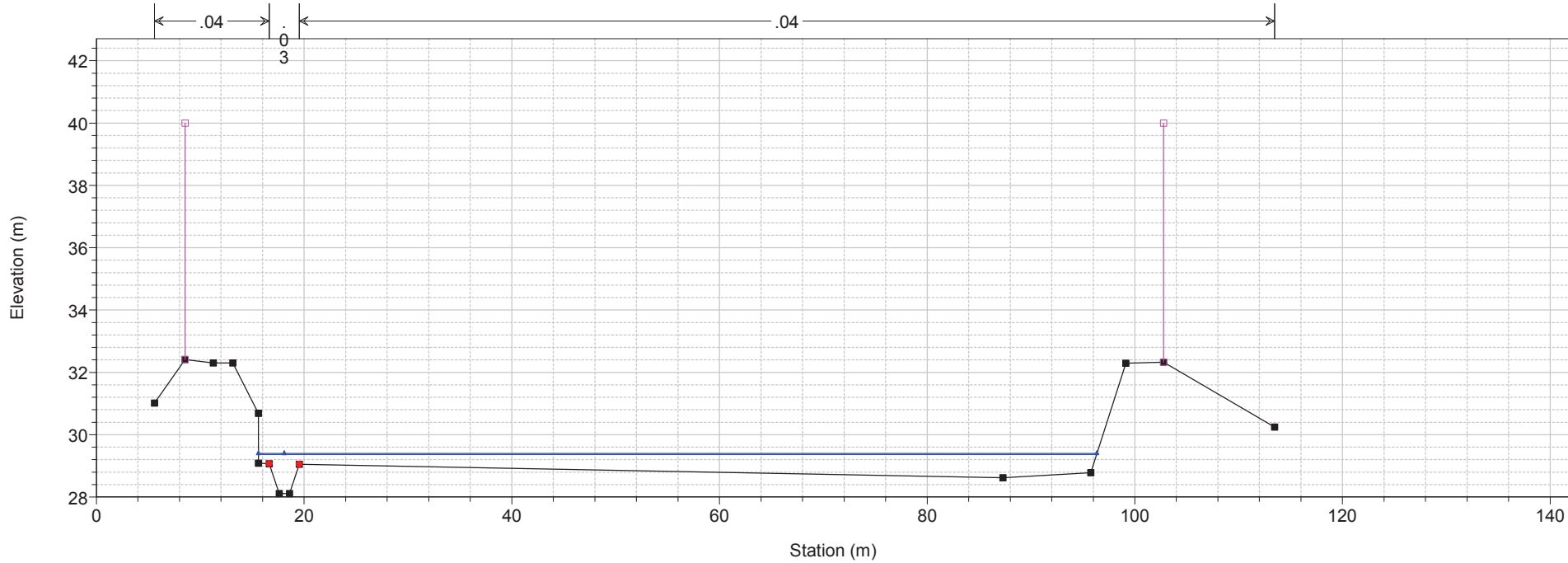
1) A TR30 2) ATR200
 River = Fosso dei Morti Reach = Morti RS = 26 Sez. 15



1) A TR30 2) ATR200
 River = Fosso dei Morti Reach = Morti RS = 25.5 Sez. esp1

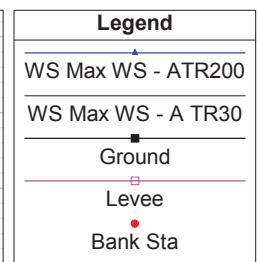
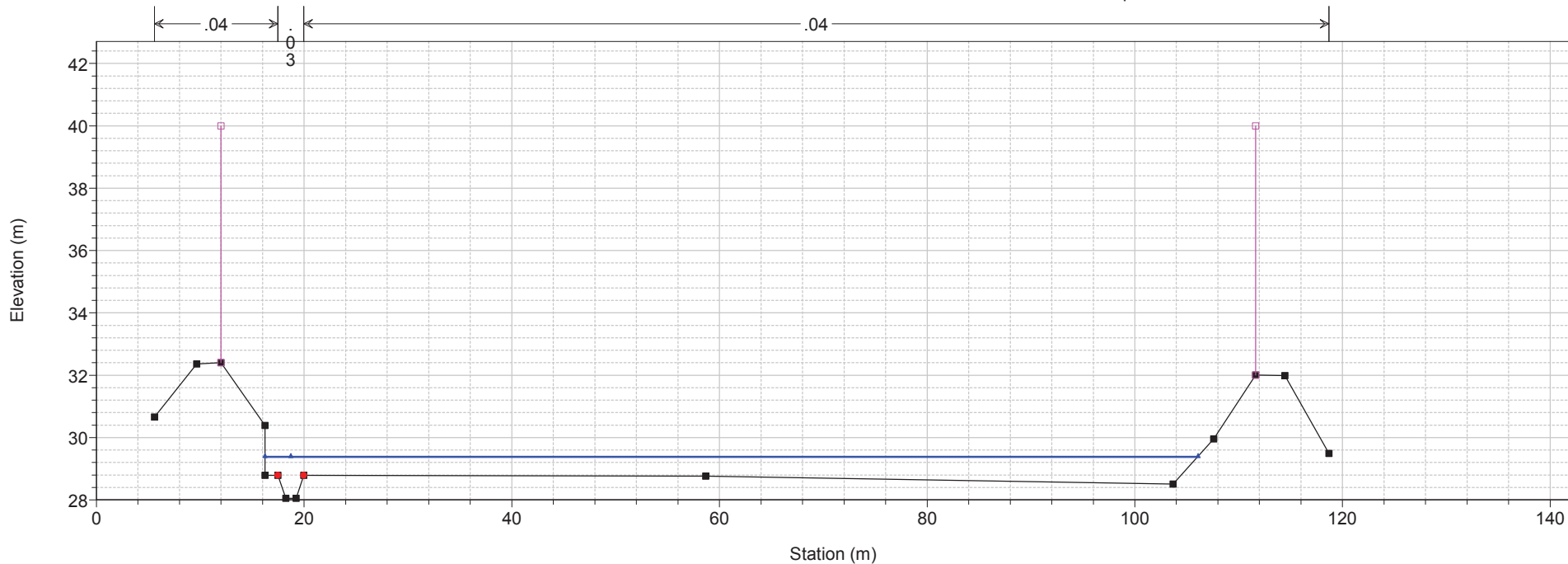


1) A TR30 2) ATR200
 River = Fosso dei Morti Reach = Morti RS = 25 Sez. esp1

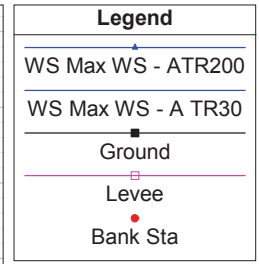
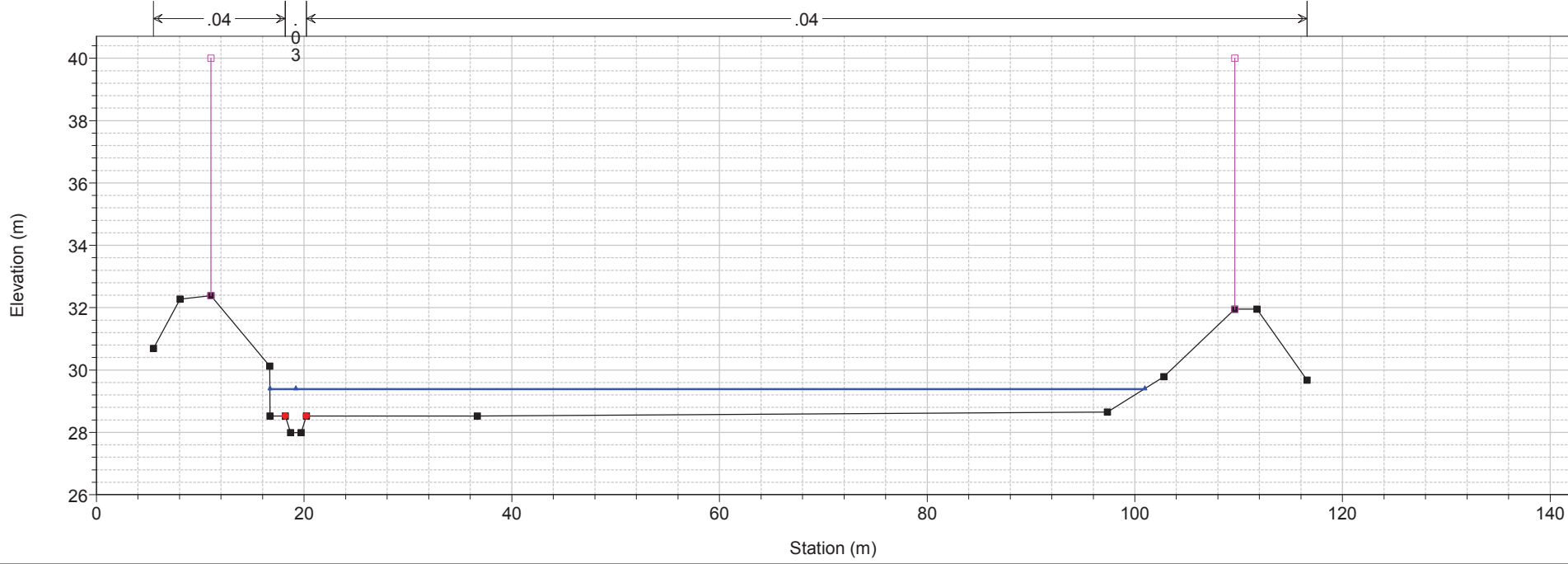


1 cm Horiz. = 6 m 1 cm Vert. = 2 m

1) A TR30 2) ATR200
 River = Fosso dei Morti Reach = Morti RS = 24 Sez. esp2

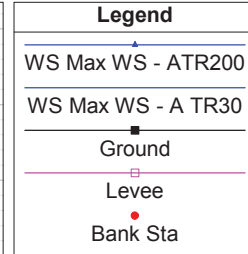
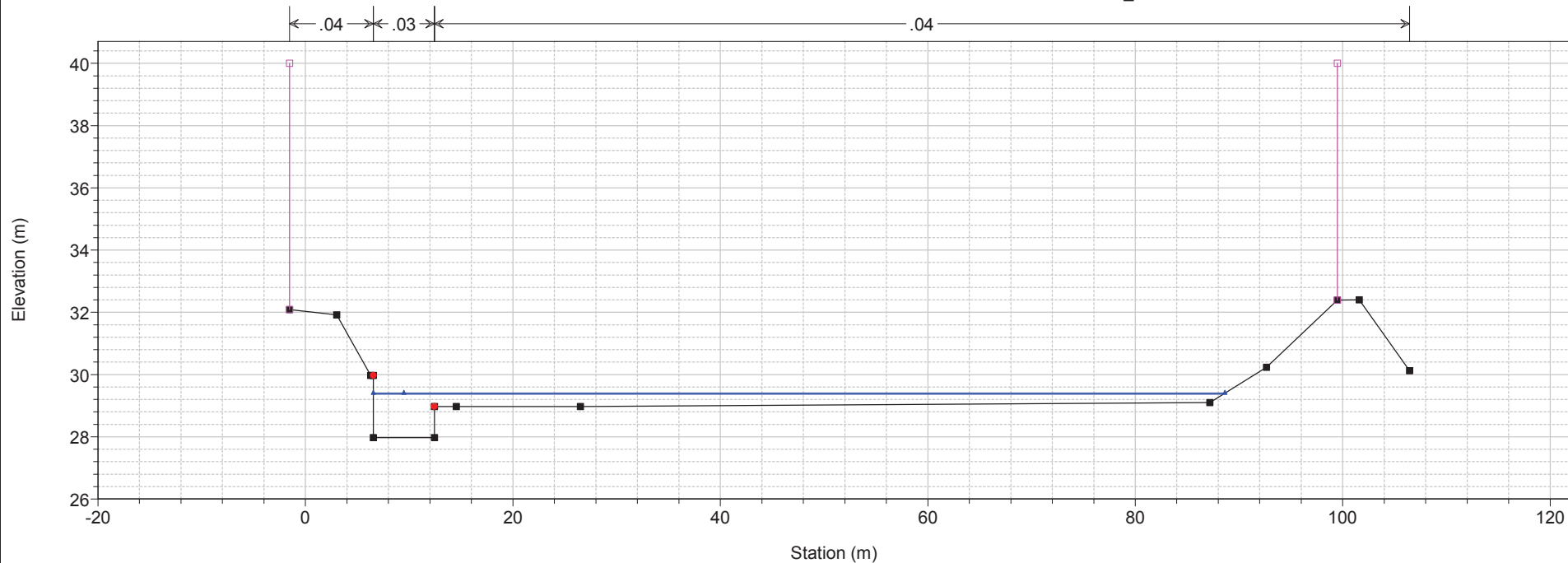


1) A TR30 2) ATR200
 River = Fosso dei Morti Reach = Morti RS = 23 Sez. esp3

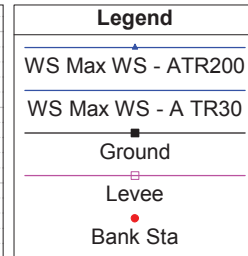
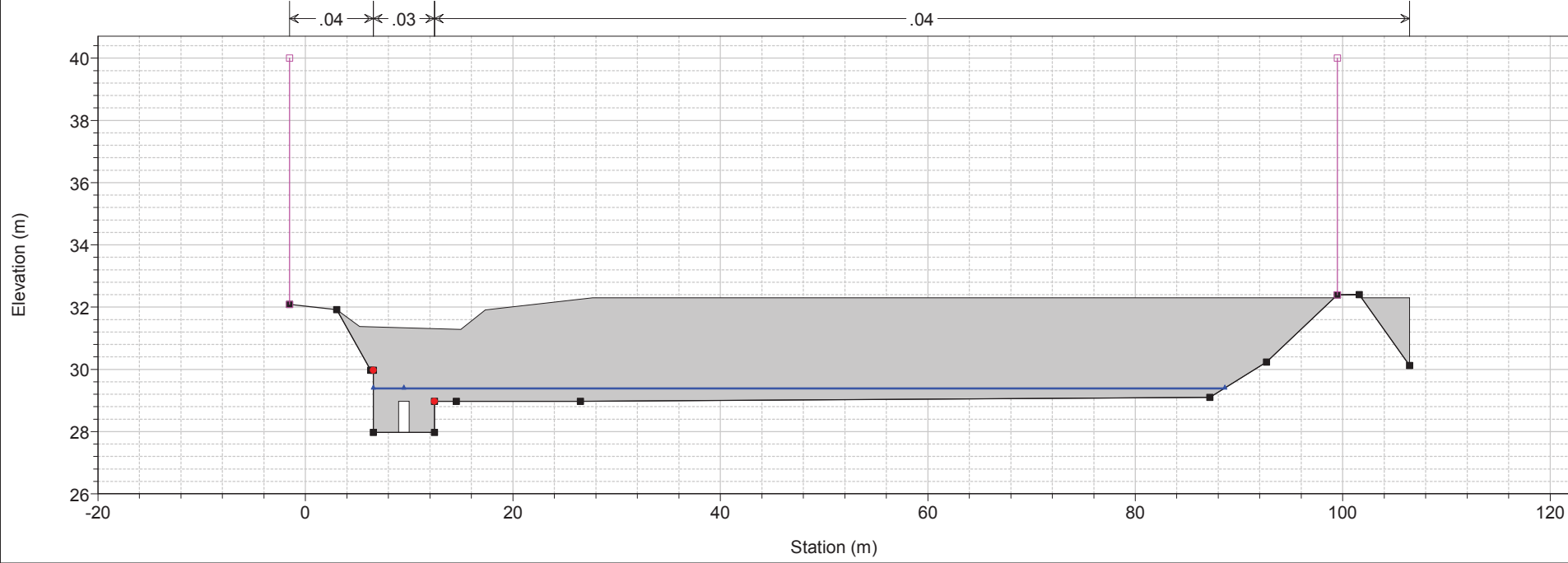


1 cm Horiz. = 6 m 1 cm Vert. = 2 m

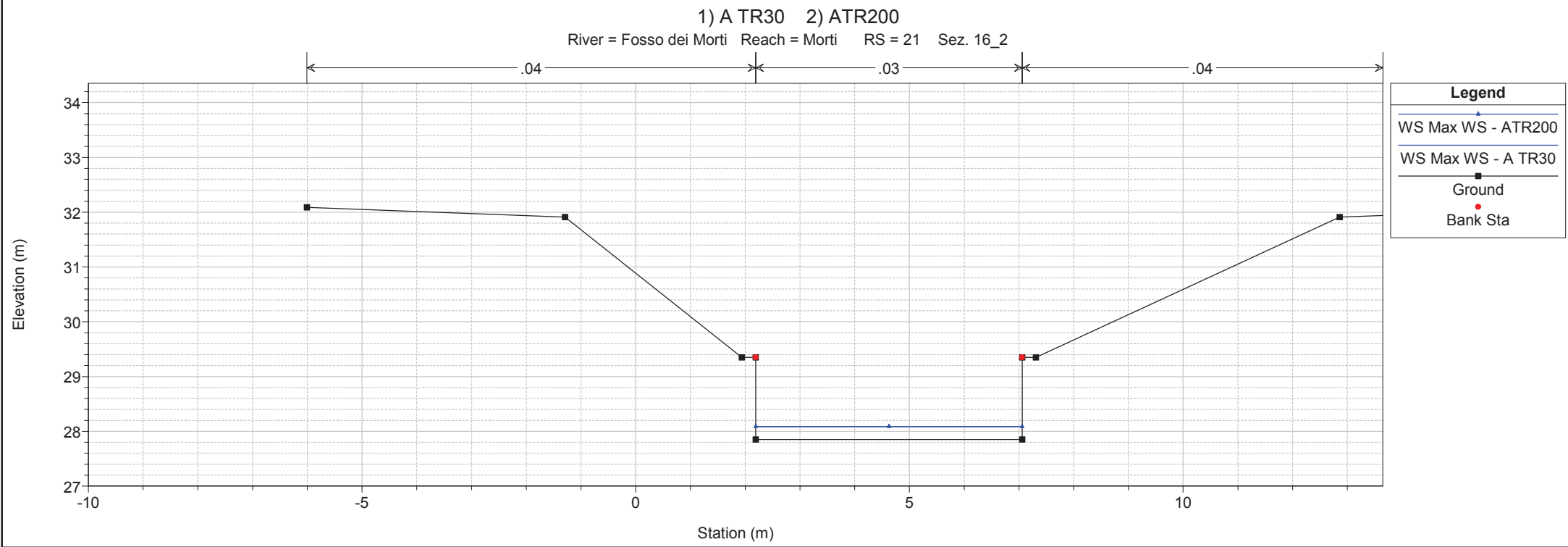
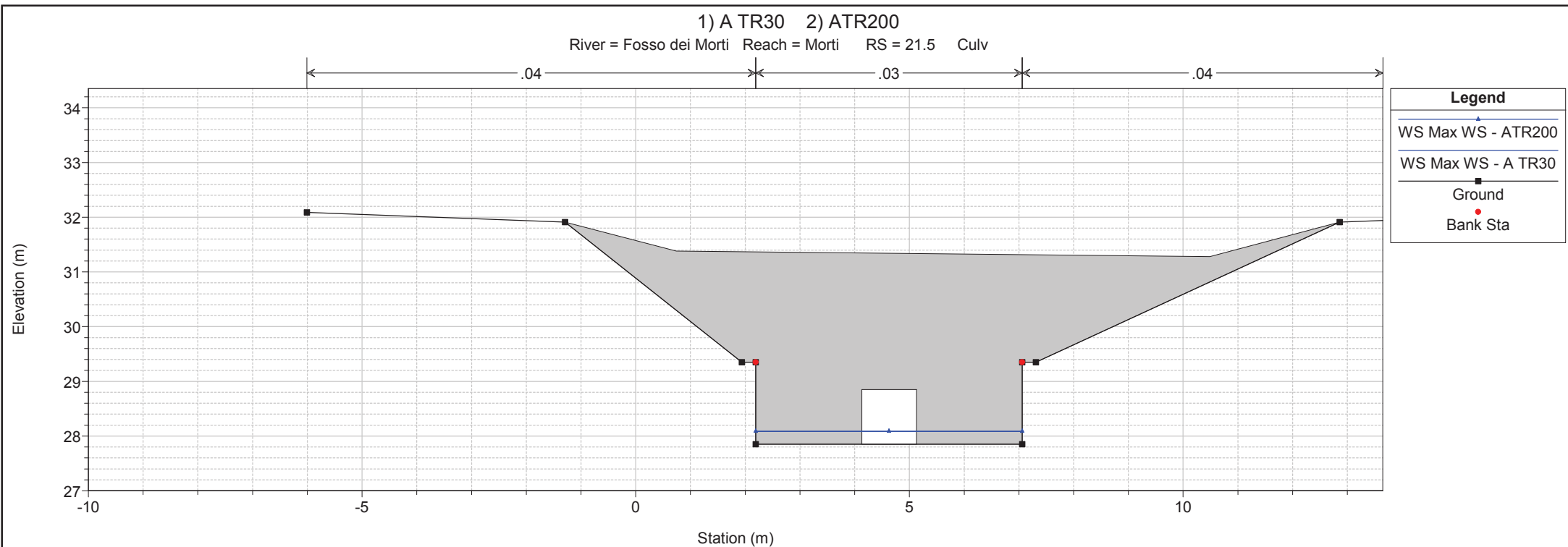
1) A TR30 2) ATR200
 River = Fosso dei Morti Reach = Morti RS = 22 Sez. 16_1

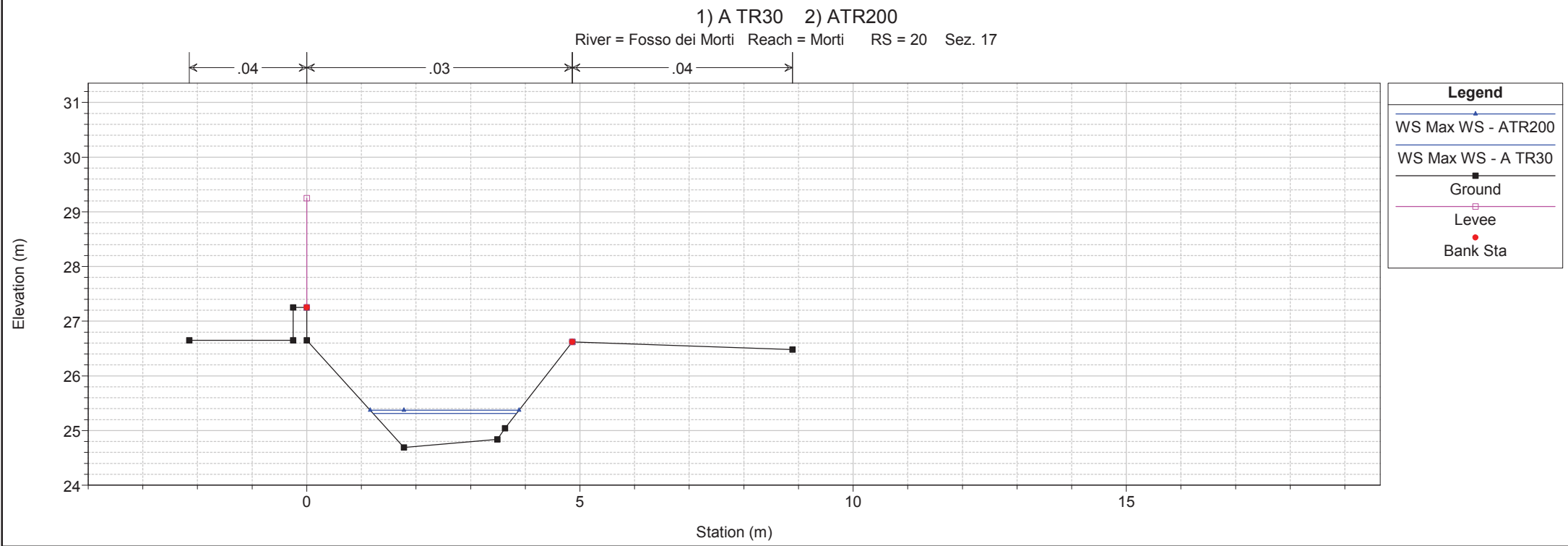
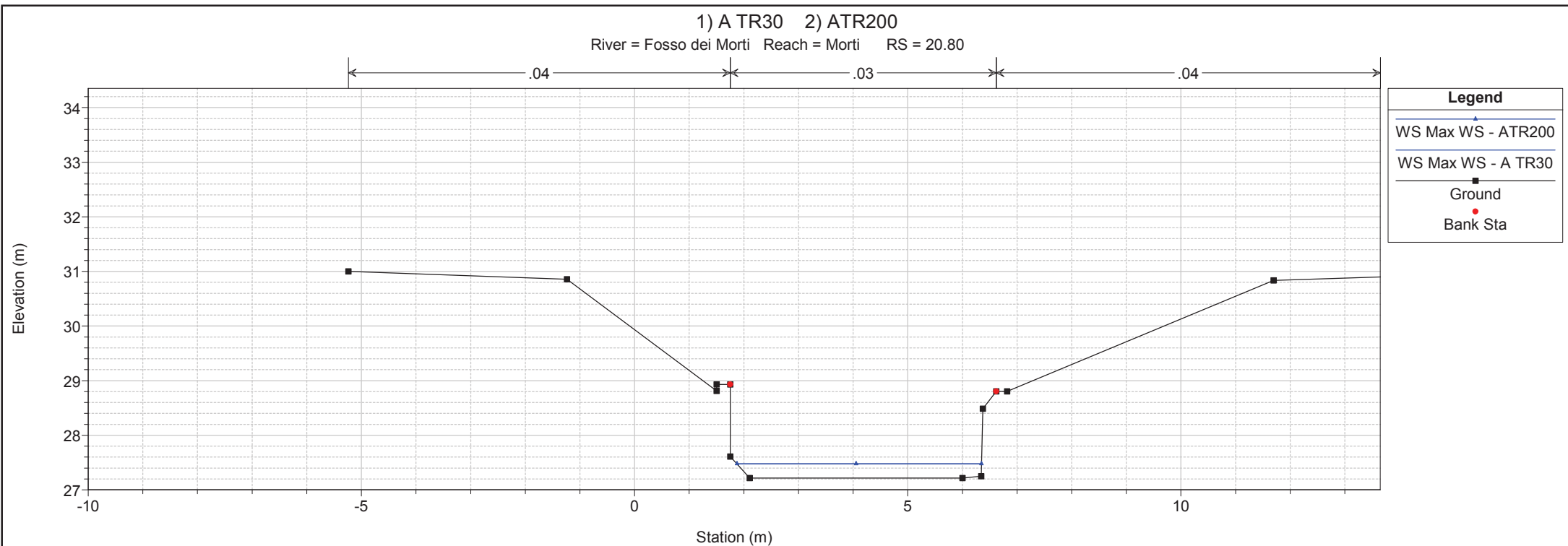


1) A TR30 2) ATR200
 River = Fosso dei Morti Reach = Morti RS = 21.5 Culv



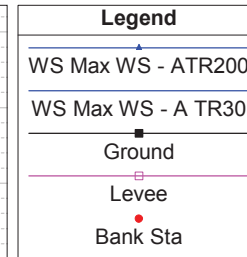
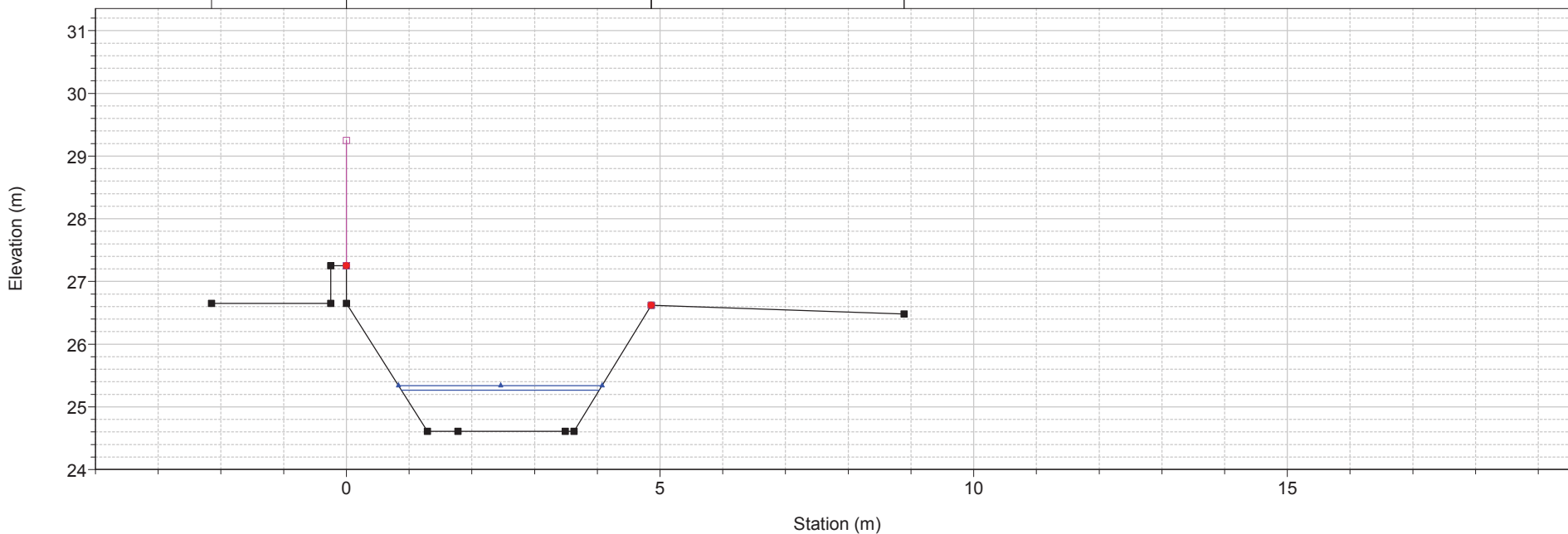
1 cm Horiz. = 6 m 1 cm Vert. = 2 m





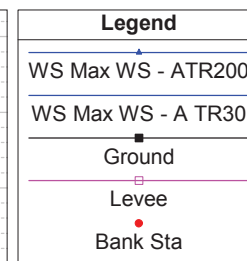
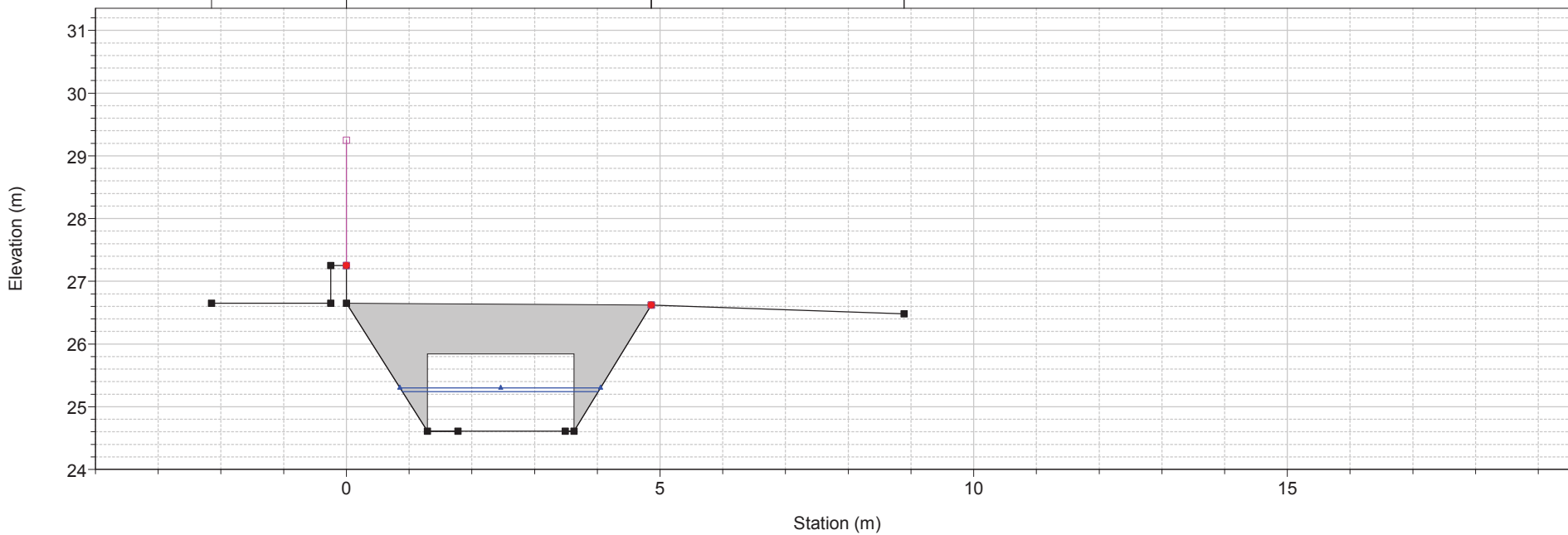
1) A TR30 2) ATR200

River = Fosso dei Morti Reach = Morti RS = 19.9



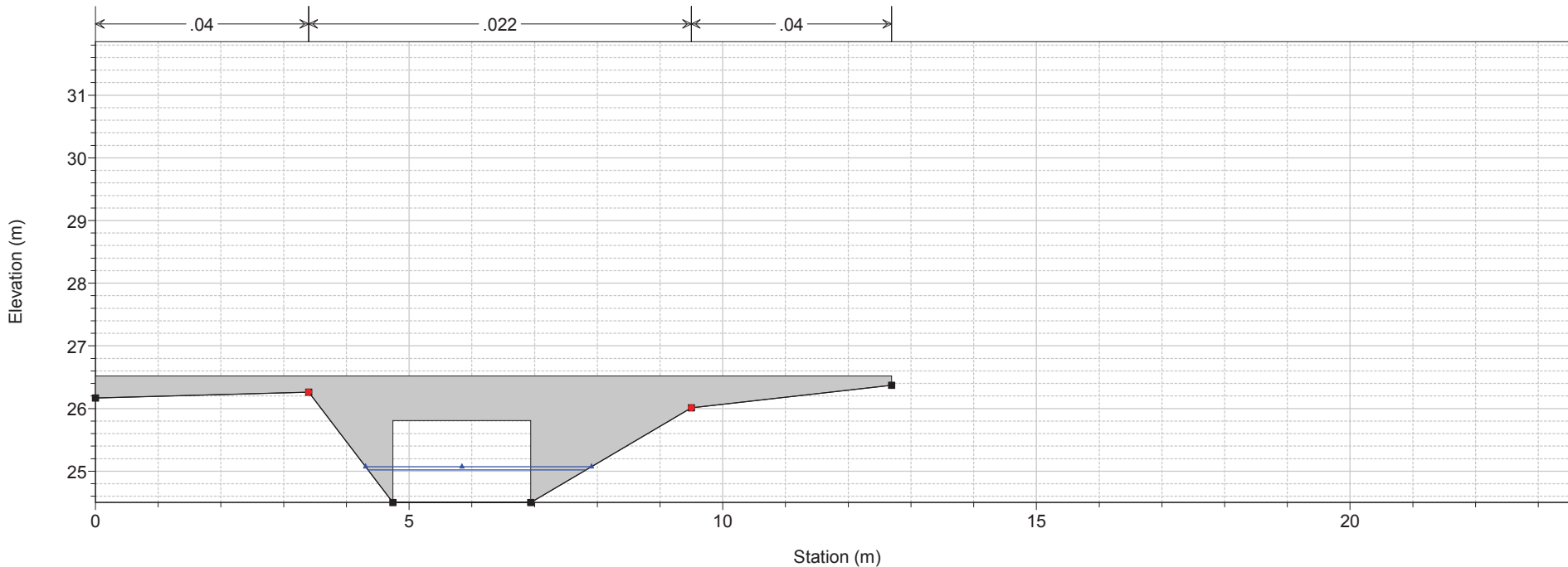
1) A TR30 2) ATR200

River = Fosso dei Morti Reach = Morti RS = 19.5 BR



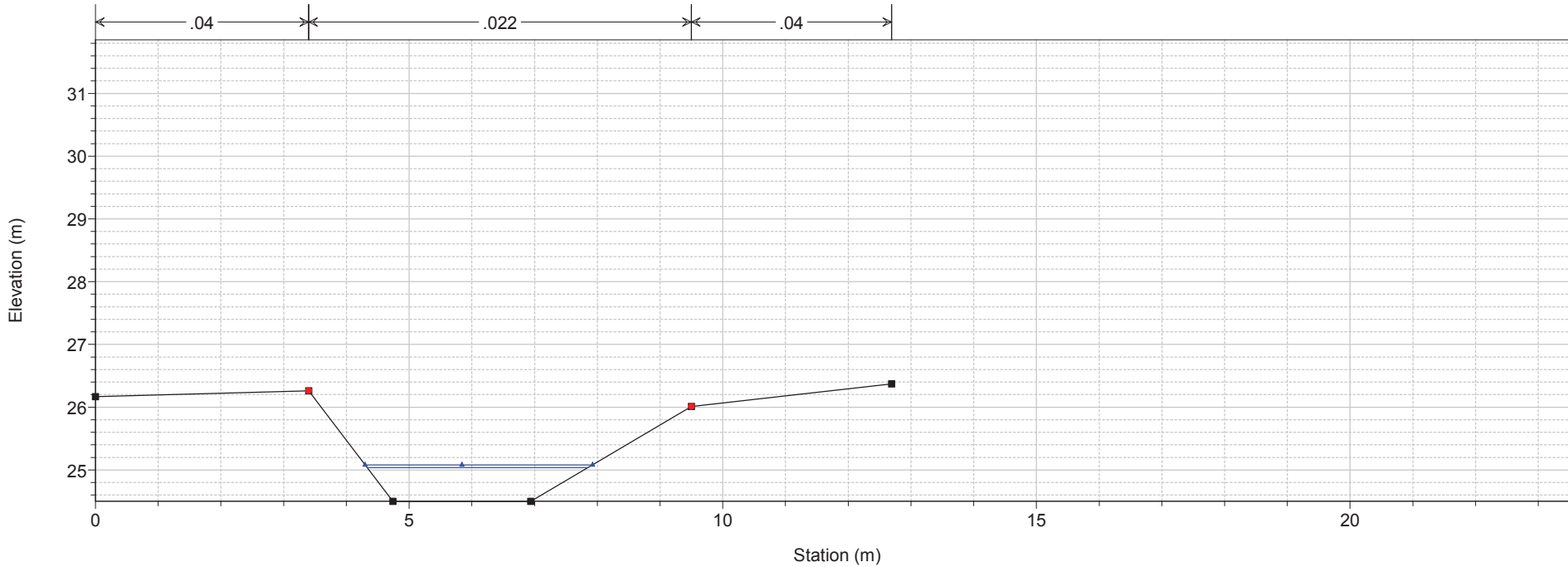
1) A TR30 2) ATR200

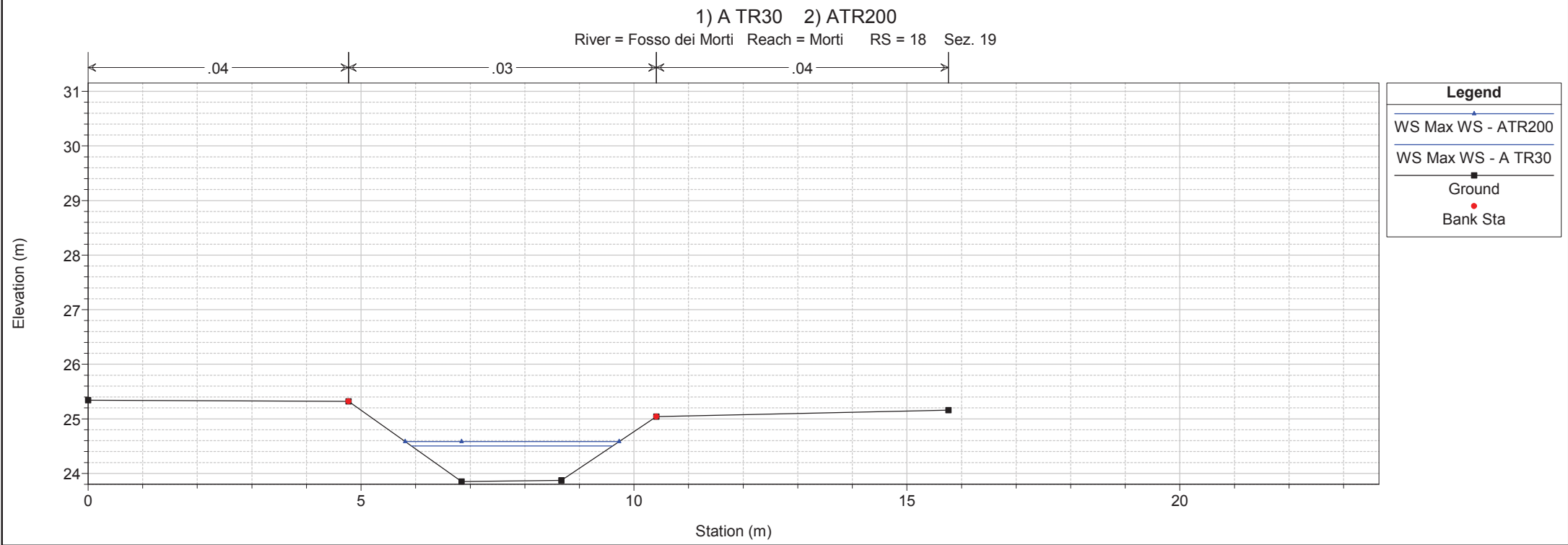
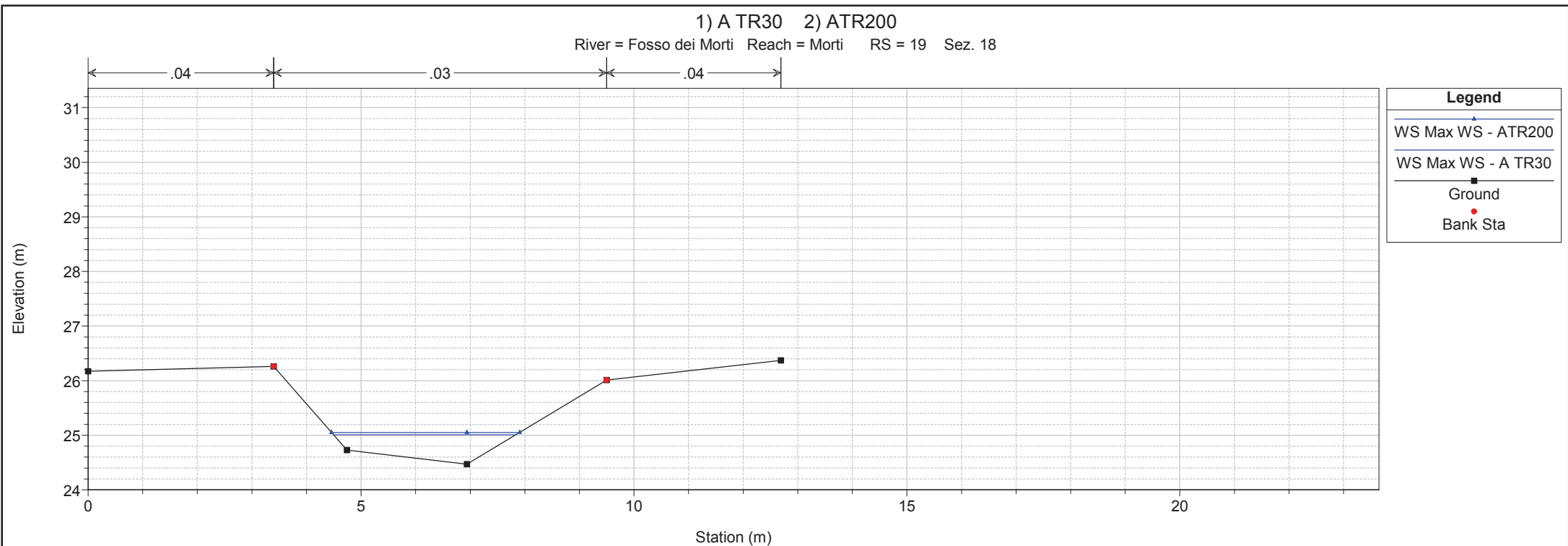
River = Fosso dei Morti Reach = Morti RS = 19.5 BR

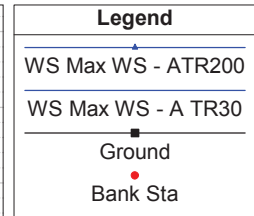
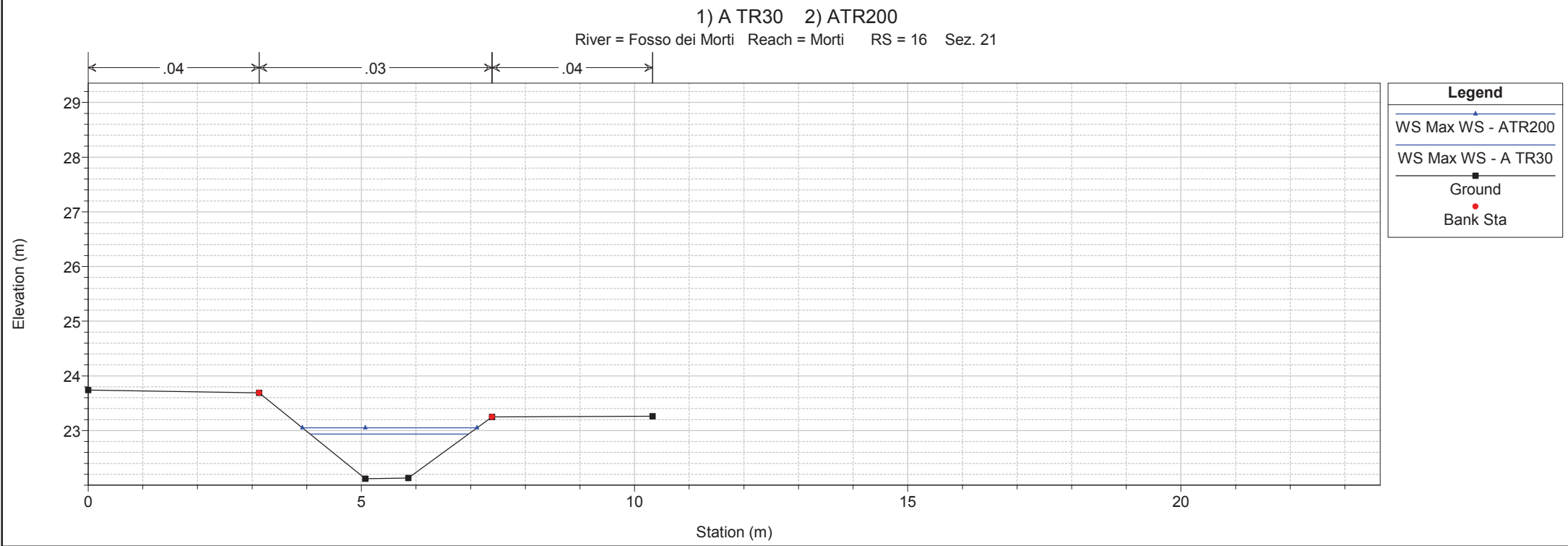
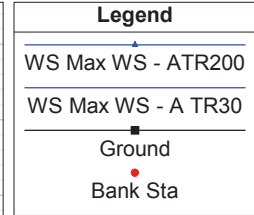
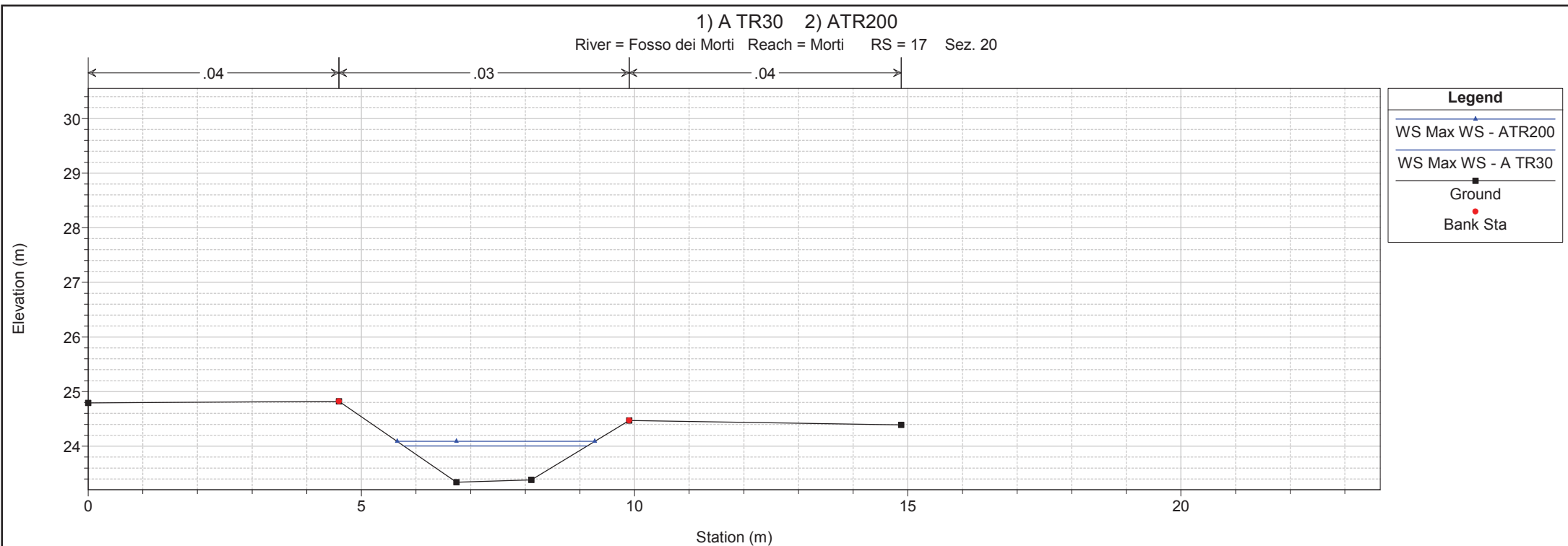


1) A TR30 2) ATR200

River = Fosso dei Morti Reach = Morti RS = 19.1 Sez. 18

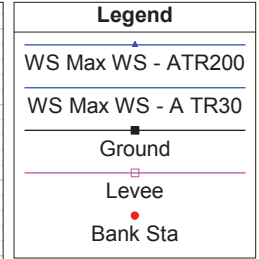
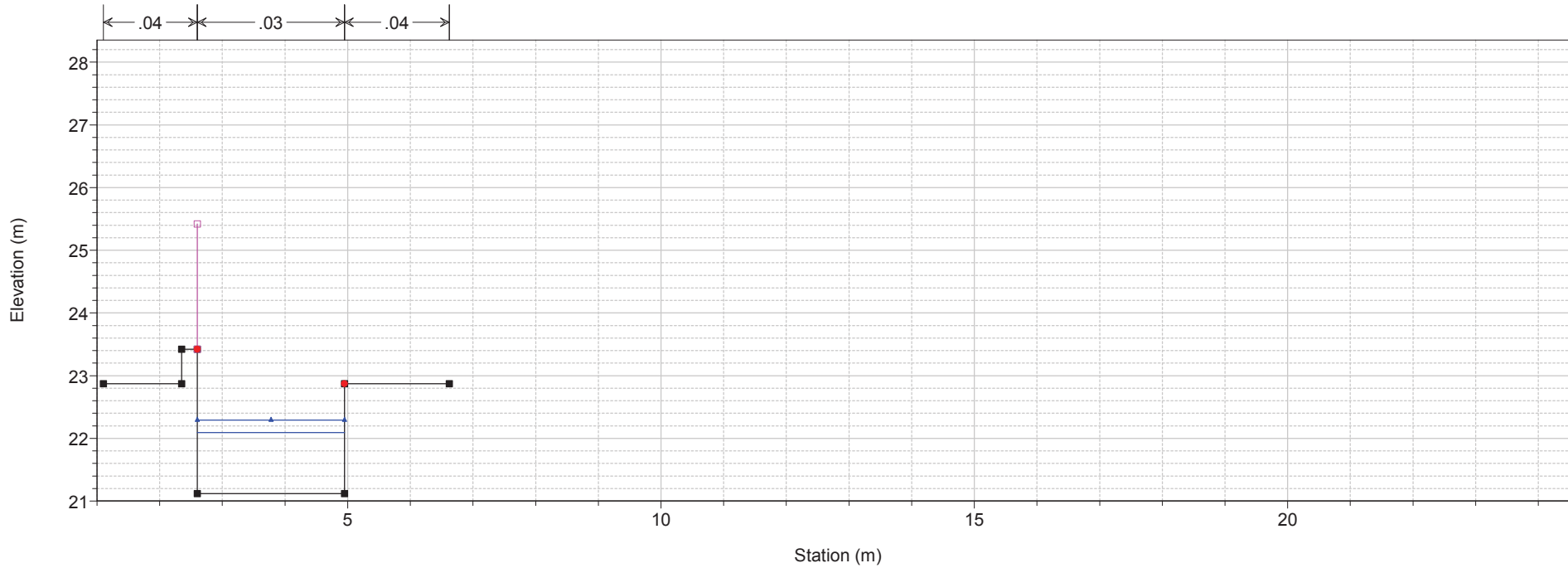




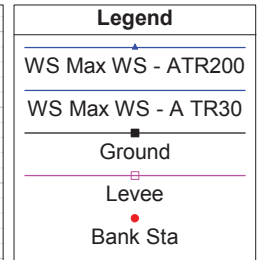
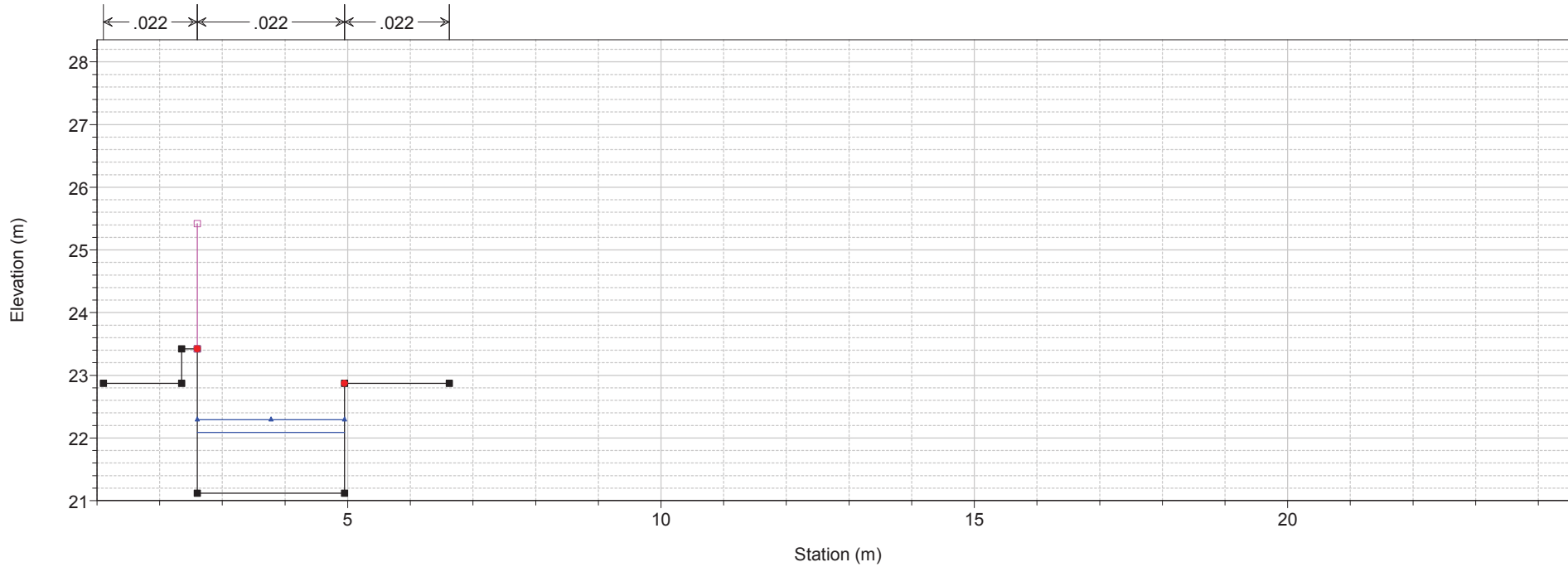


1 cm Horiz. = 1 m 1 cm Vert. = 1 m

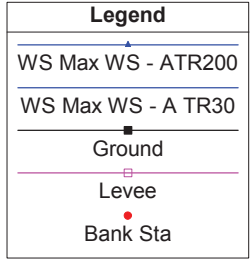
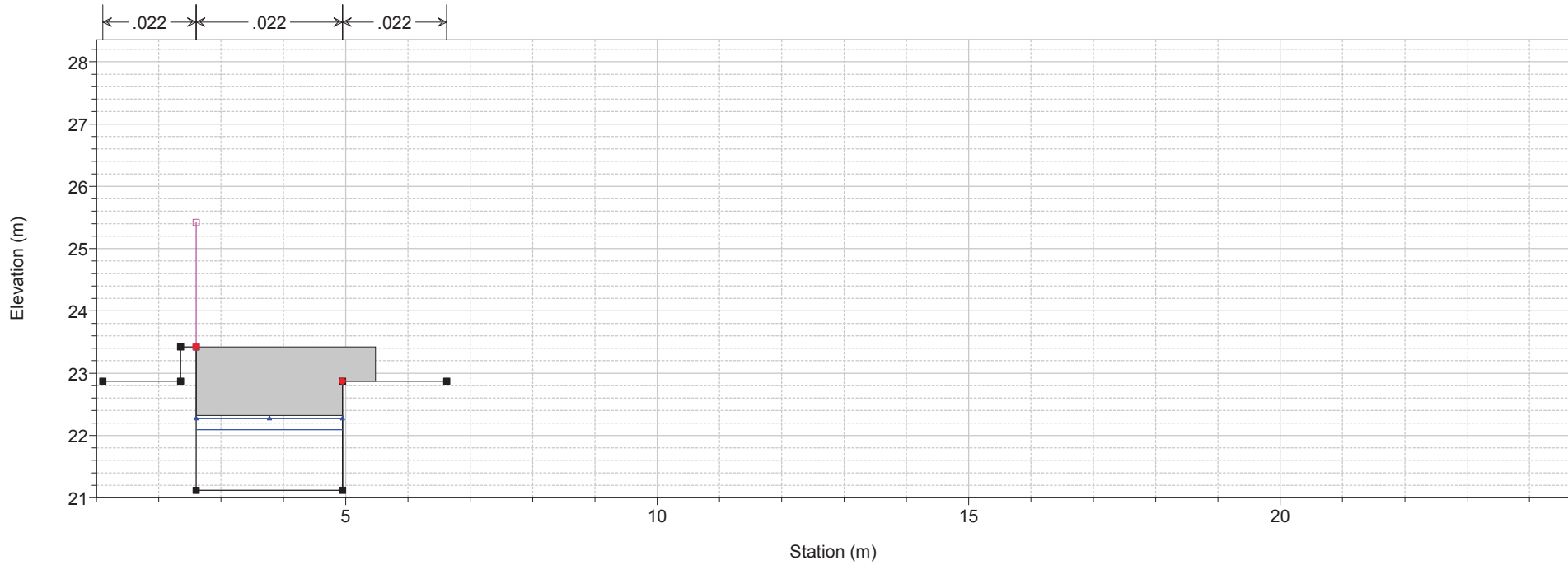
1) A TR30 2) ATR200
 River = Fosso dei Morti Reach = Morti RS = 15.1 Sez. 22



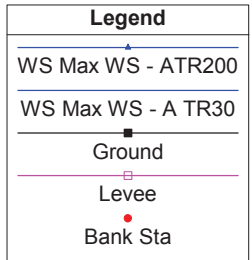
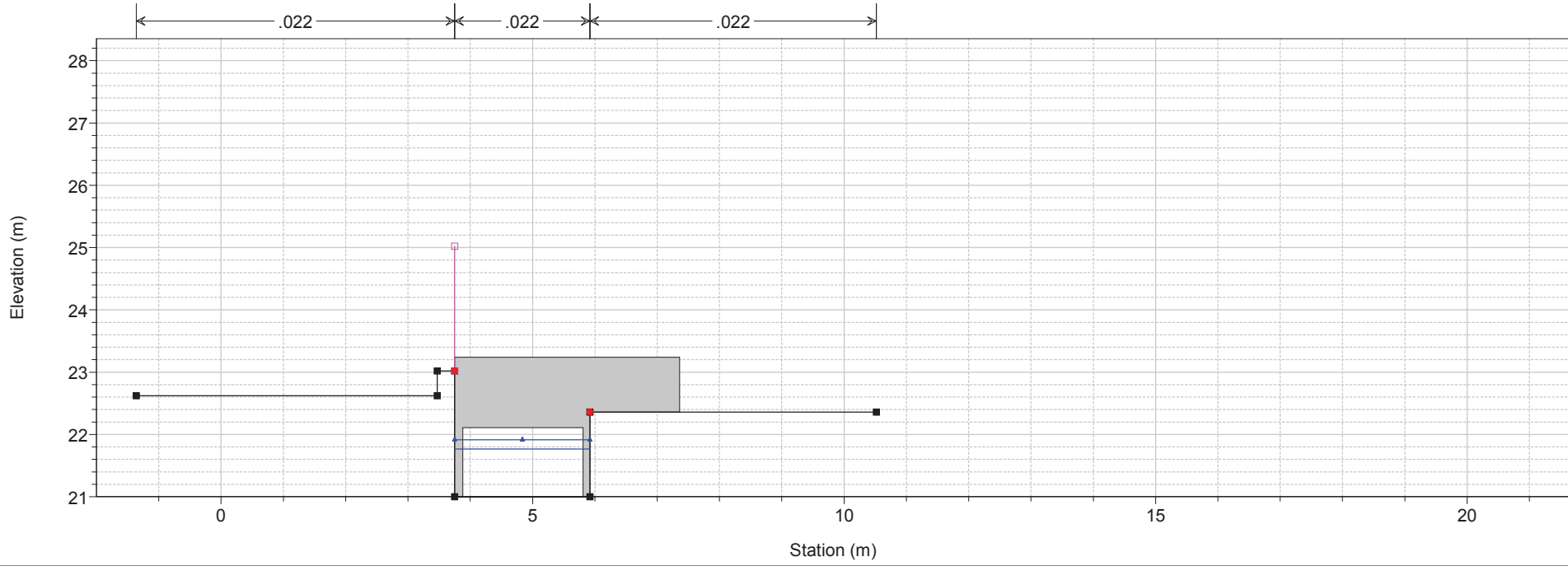
1) A TR30 2) ATR200
 River = Fosso dei Morti Reach = Morti RS = 15 Sez. 22



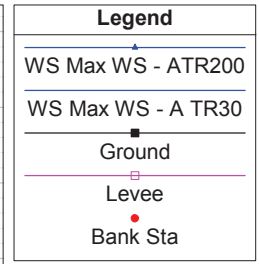
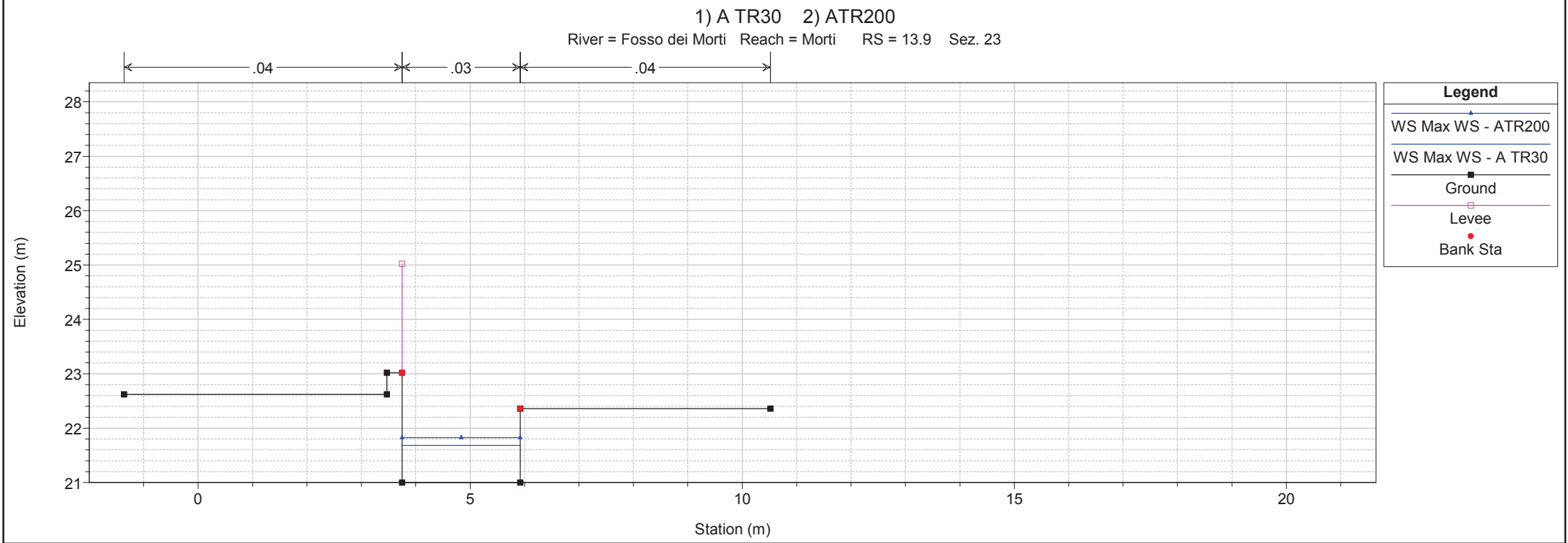
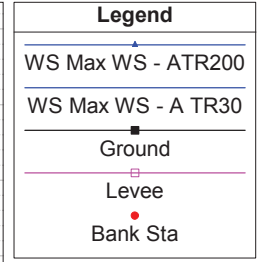
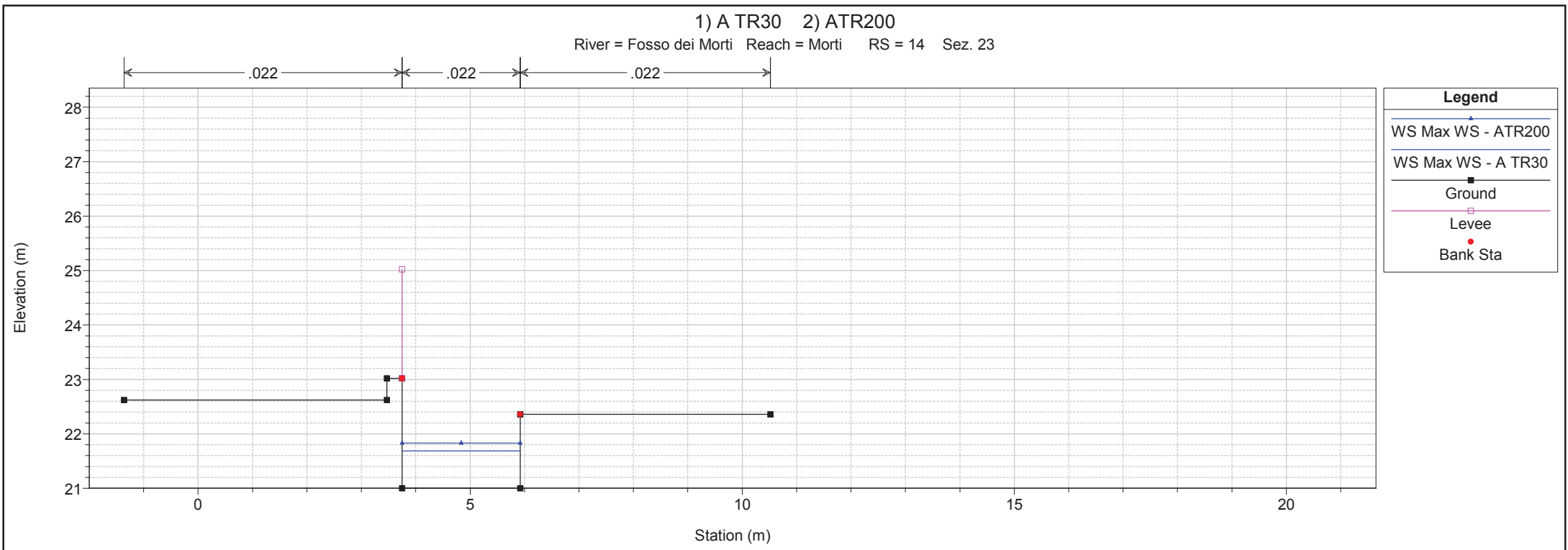
1) A TR30 2) ATR200
 River = Fosso dei Morti Reach = Morti RS = 14.5 BR



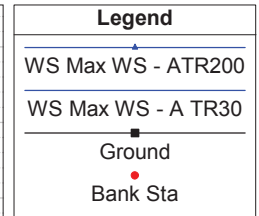
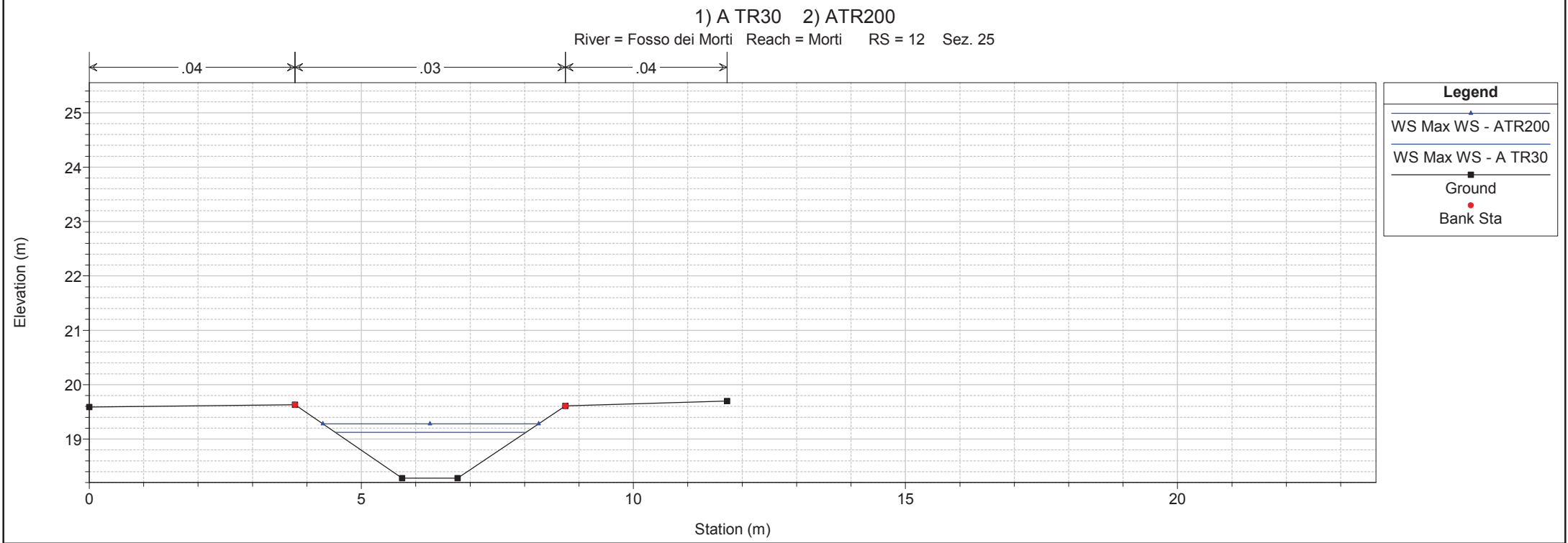
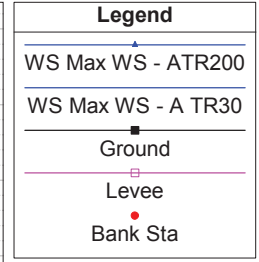
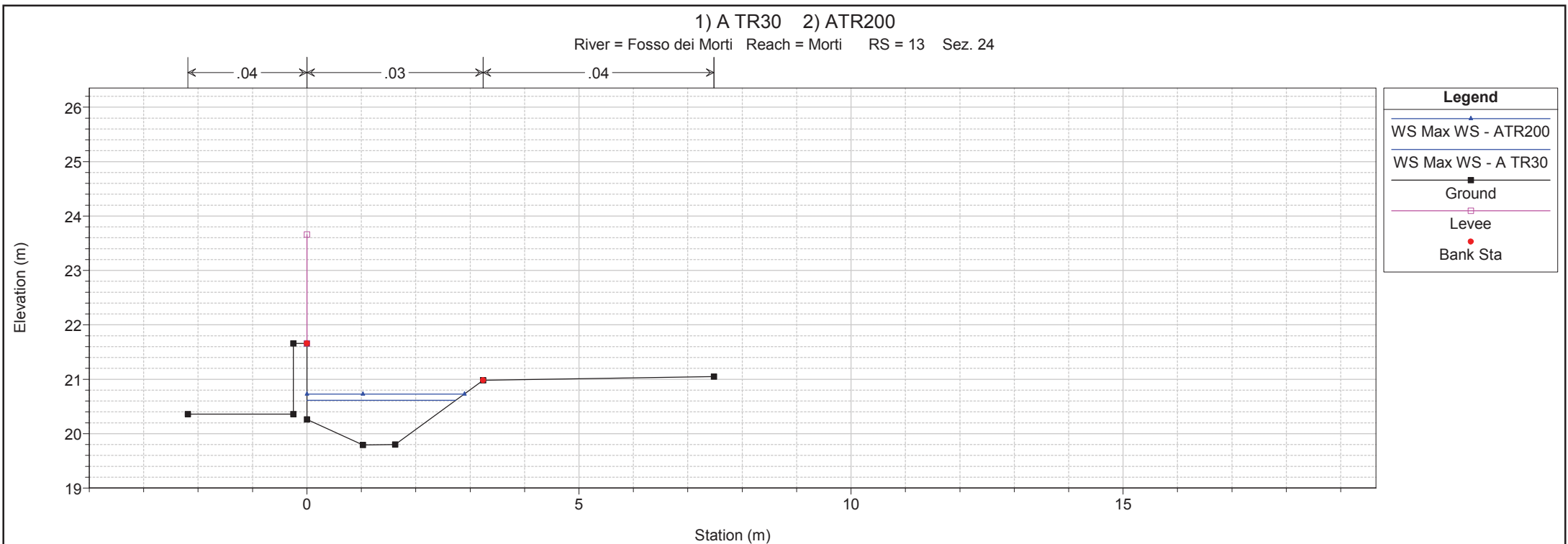
1) A TR30 2) ATR200
 River = Fosso dei Morti Reach = Morti RS = 14.5 BR



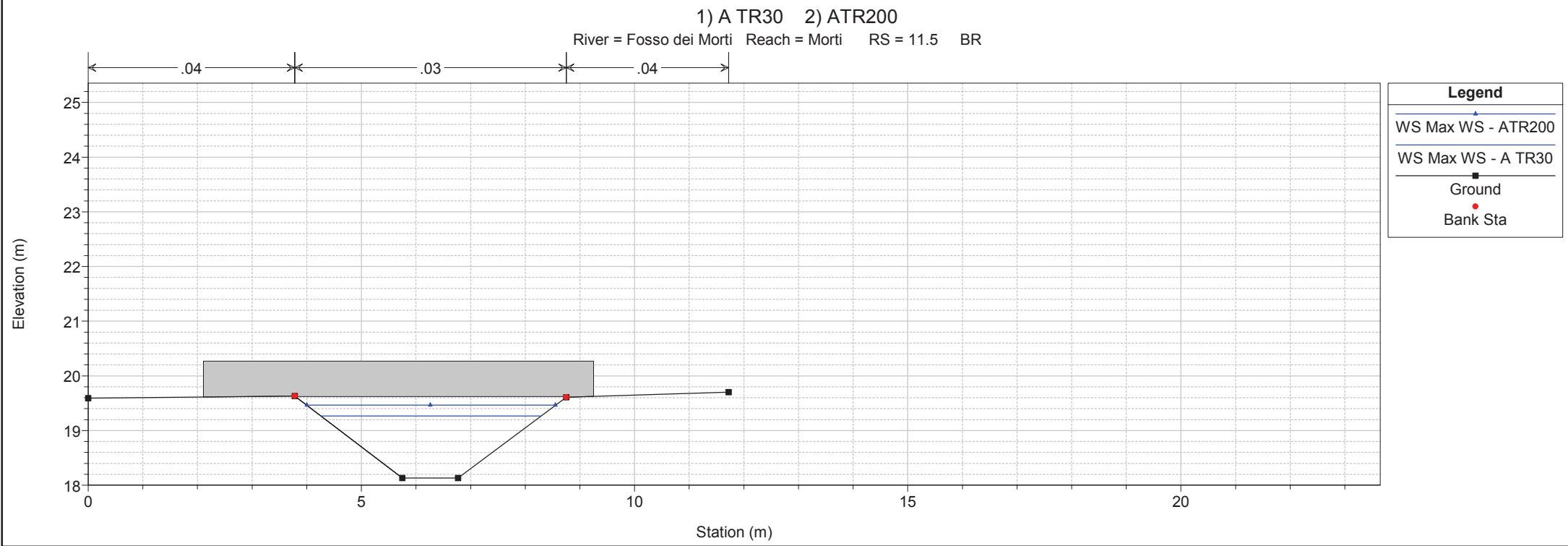
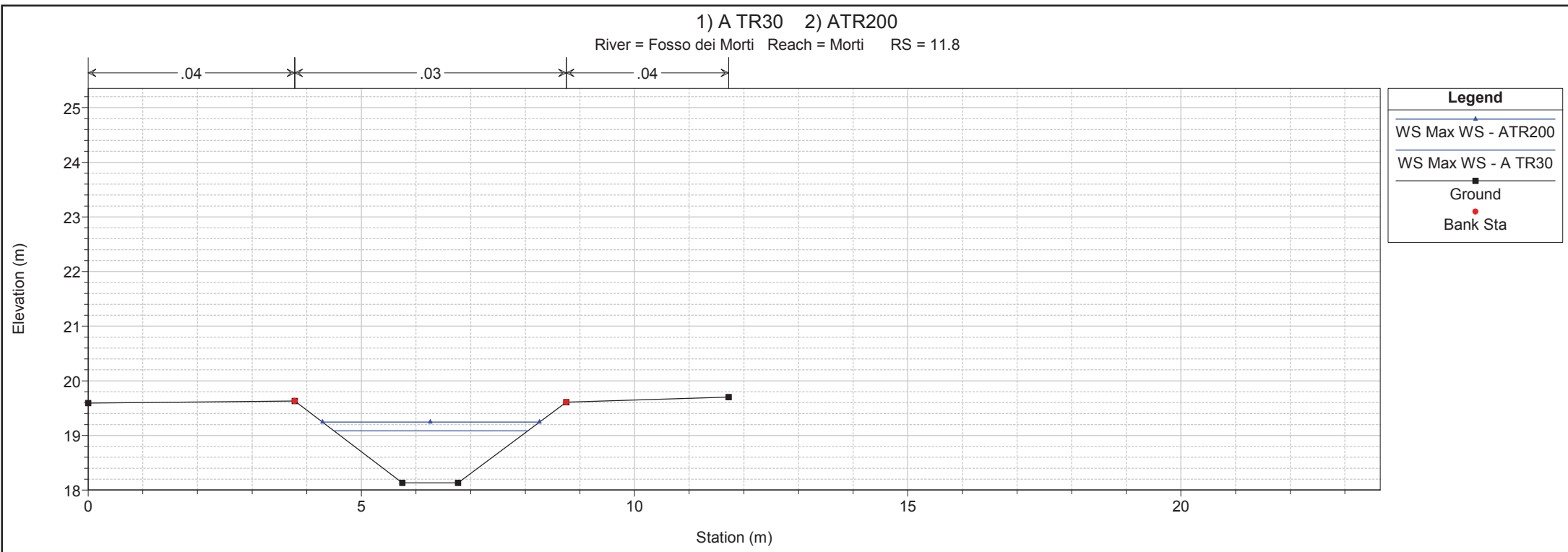
1 cm Horiz. = 1 m 1 cm Vert. = 1 m



1 cm Horiz. = 1 m 1 cm Vert. = 1 m

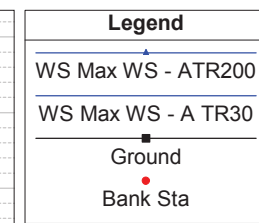
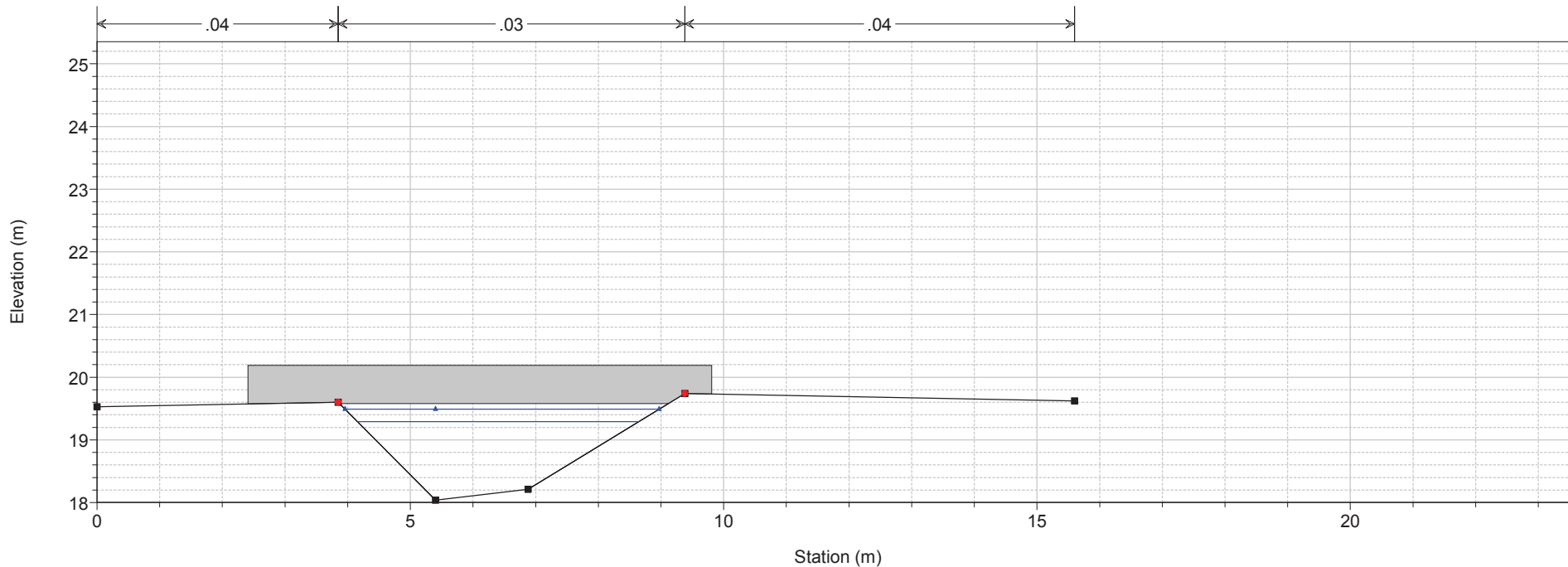


1 cm Horiz. = 1 m 1 cm Vert. = 1 m



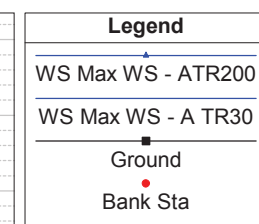
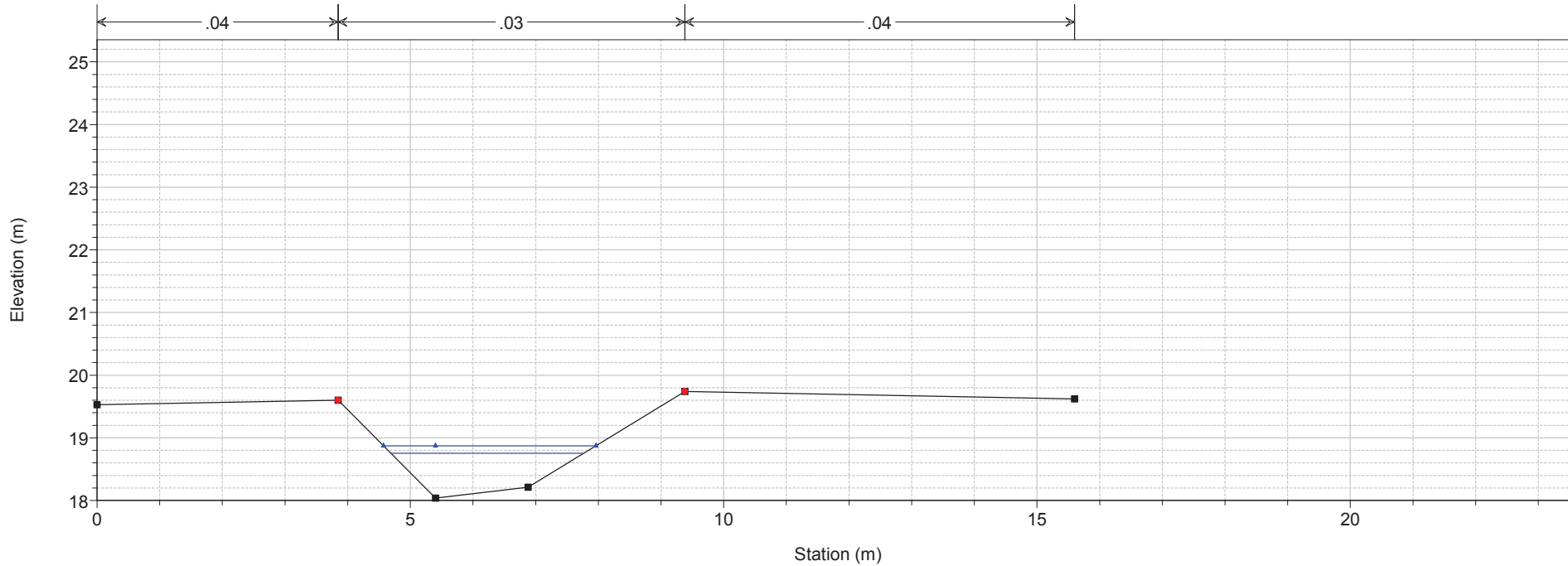
1) A TR30 2) ATR200

River = Fosso dei Morti Reach = Morti RS = 11.5 BR



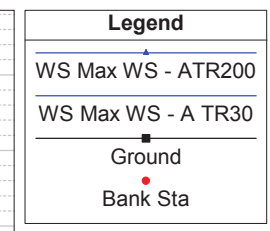
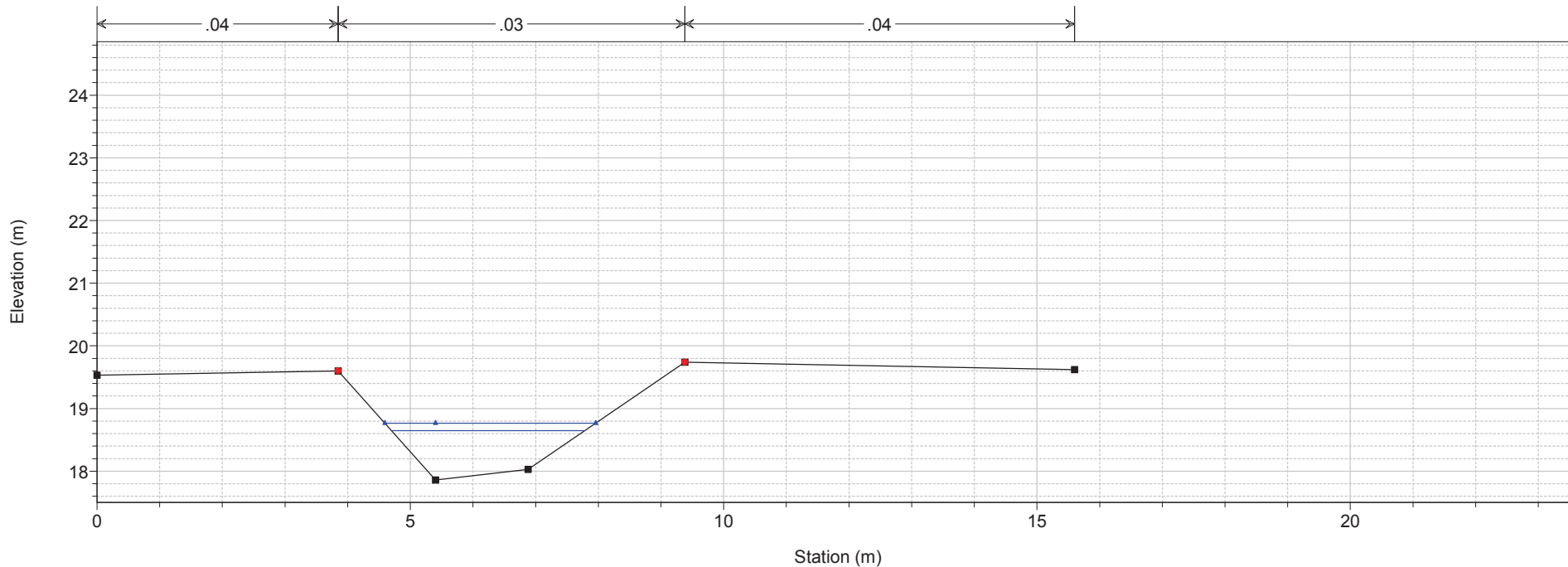
1) A TR30 2) ATR200

River = Fosso dei Morti Reach = Morti RS = 11.2



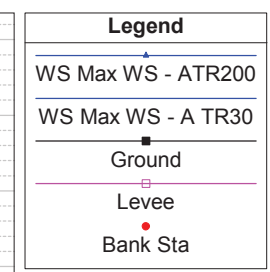
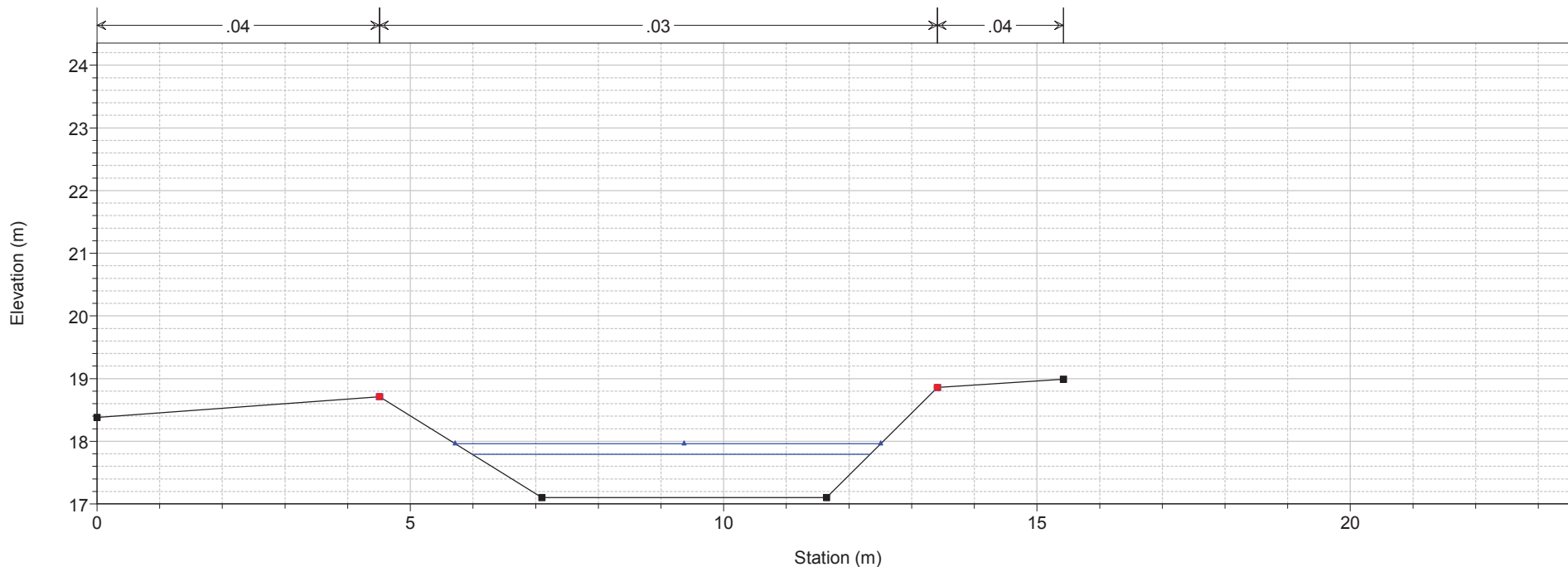
1) A TR30 2) ATR200

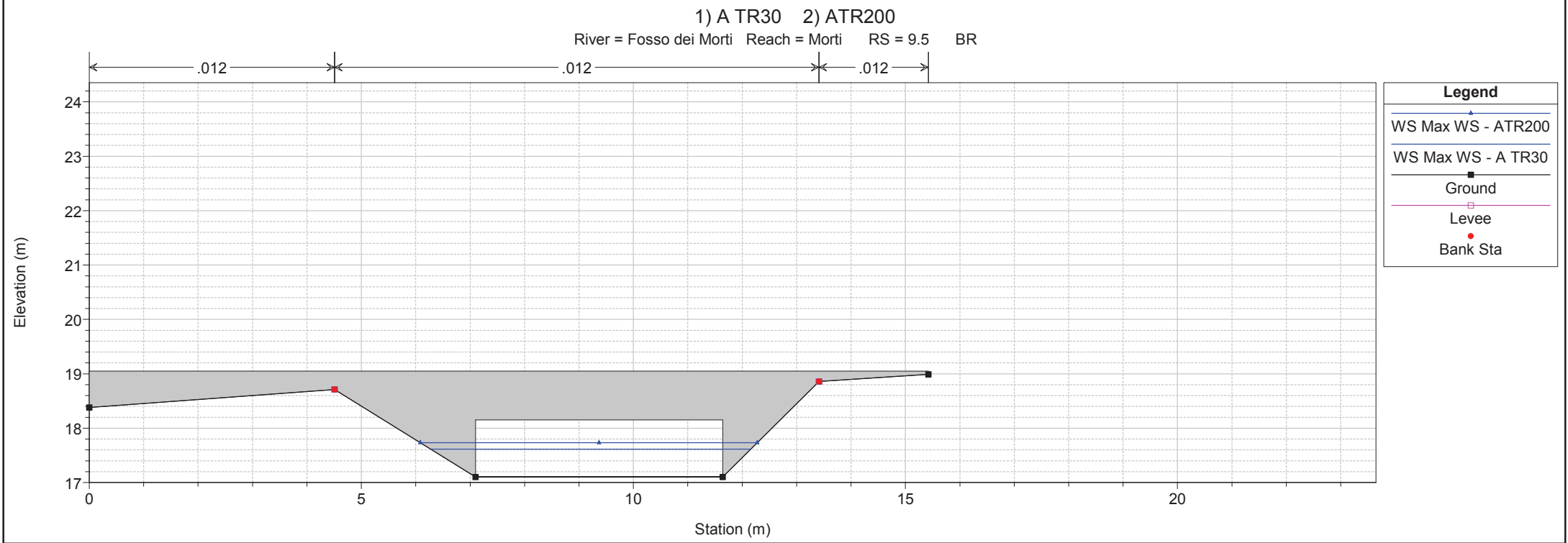
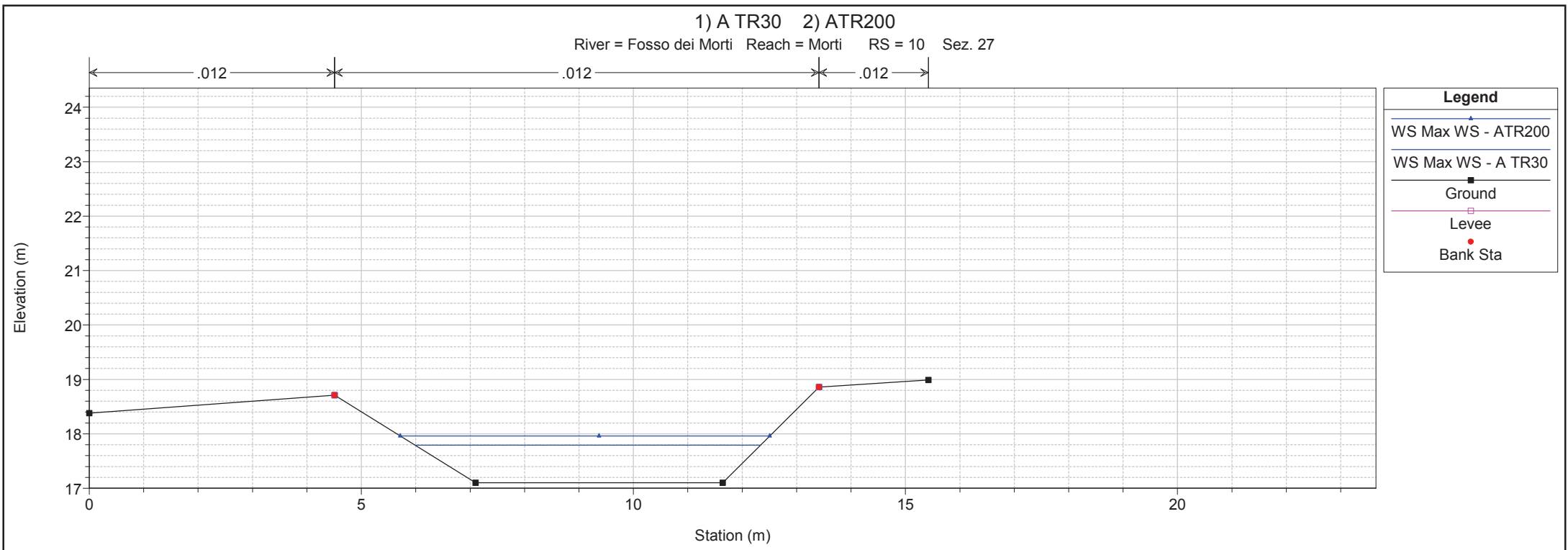
River = Fosso dei Morti Reach = Morti RS = 11 Sez. 26



1) A TR30 2) ATR200

River = Fosso dei Morti Reach = Morti RS = 10.1 Sez. 27

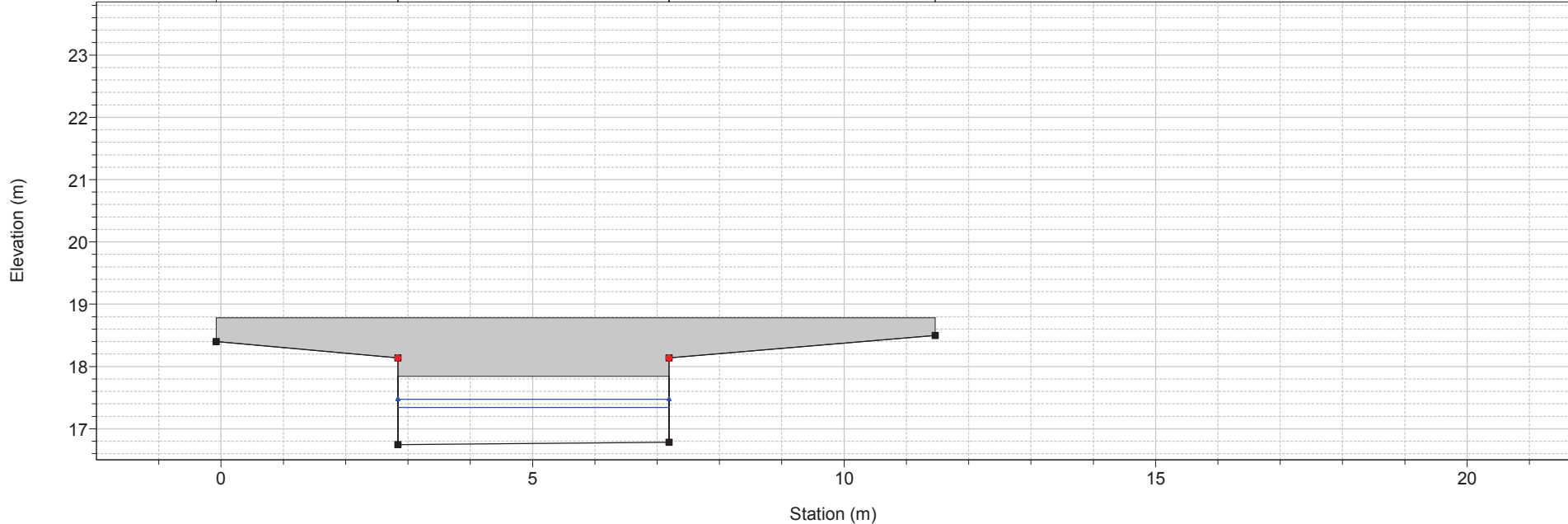




1 cm Horiz. = 1 m 1 cm Vert. = 1 m

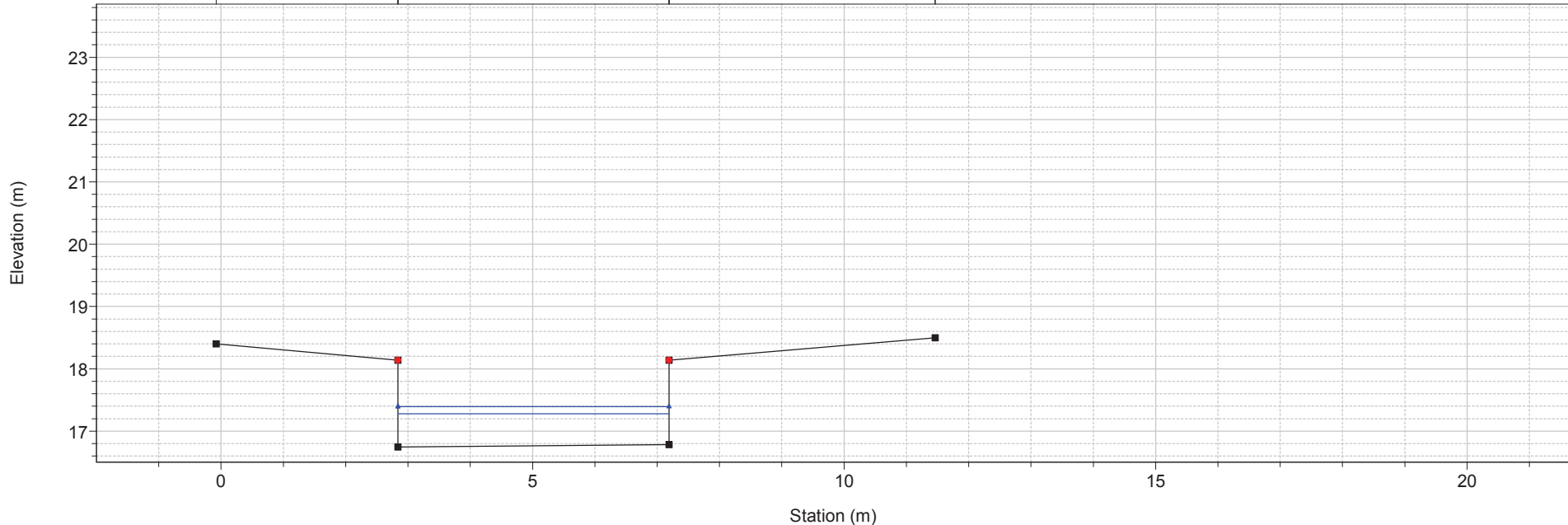
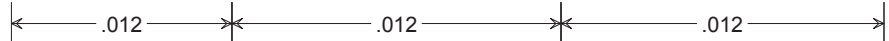
1) A TR30 2) ATR200

River = Fosso dei Morti Reach = Morti RS = 9.5 BR



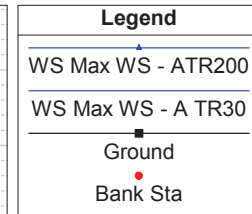
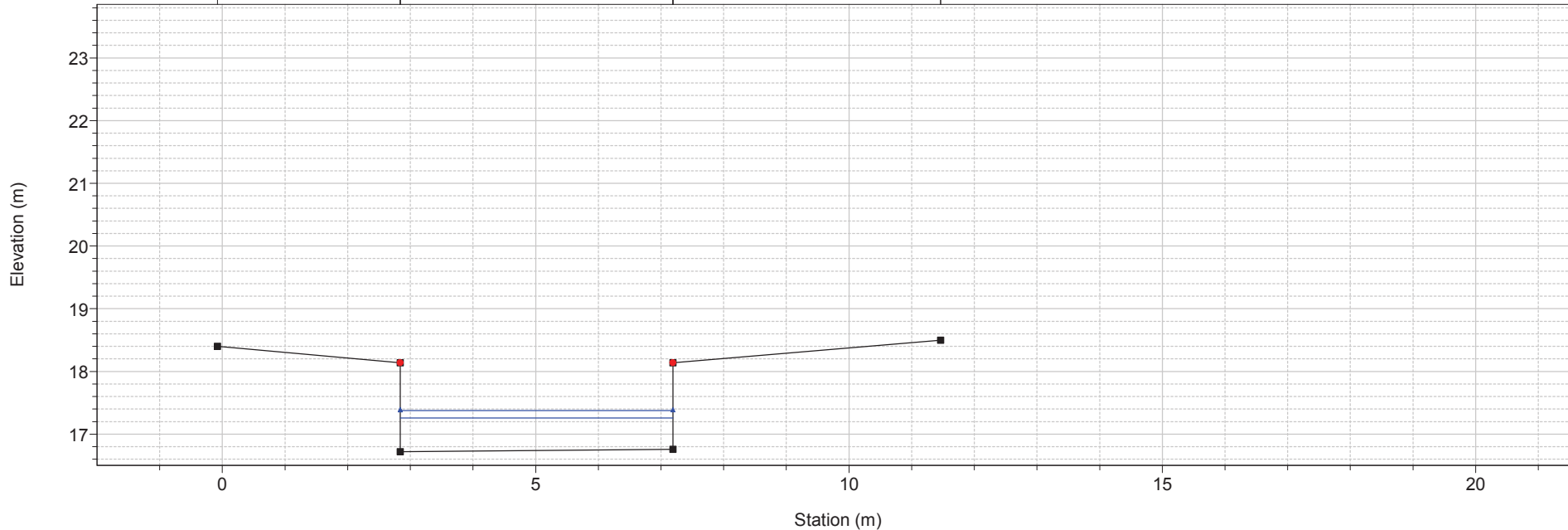
1) A TR30 2) ATR200

River = Fosso dei Morti Reach = Morti RS = 9.2



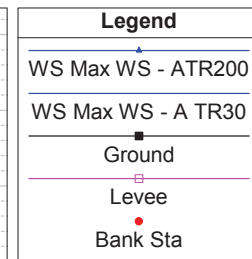
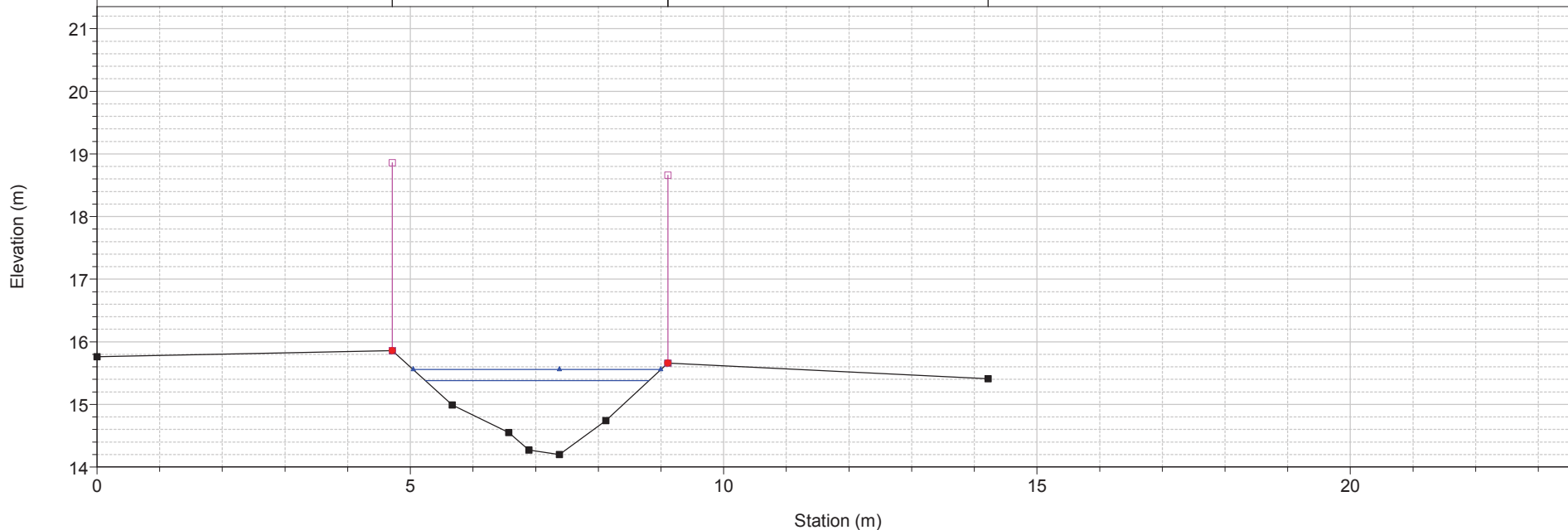
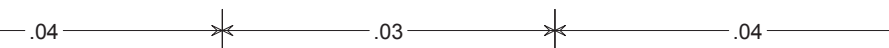
1) A TR30 2) ATR200

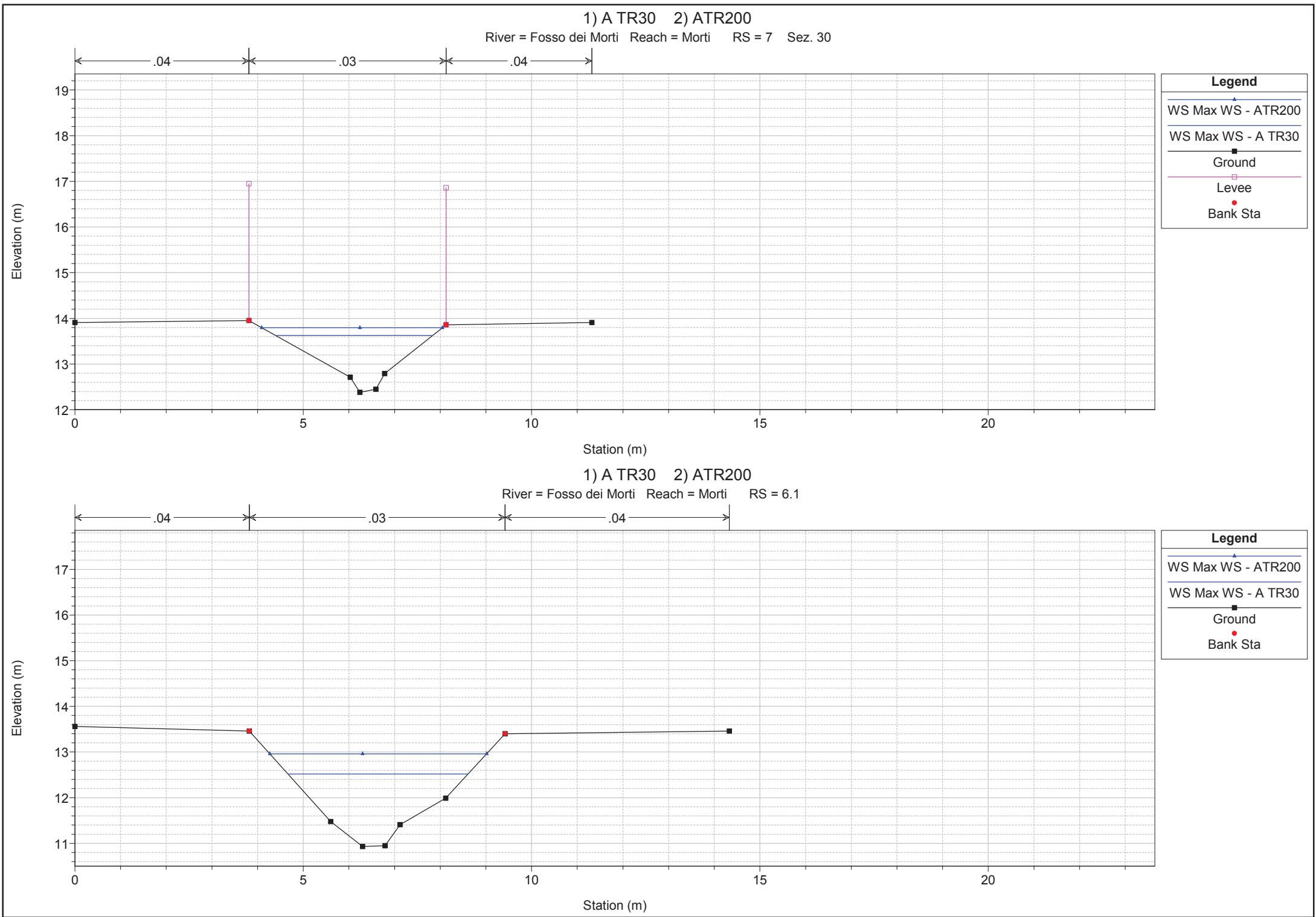
River = Fosso dei Morti Reach = Morti RS = 9 Sez. 28



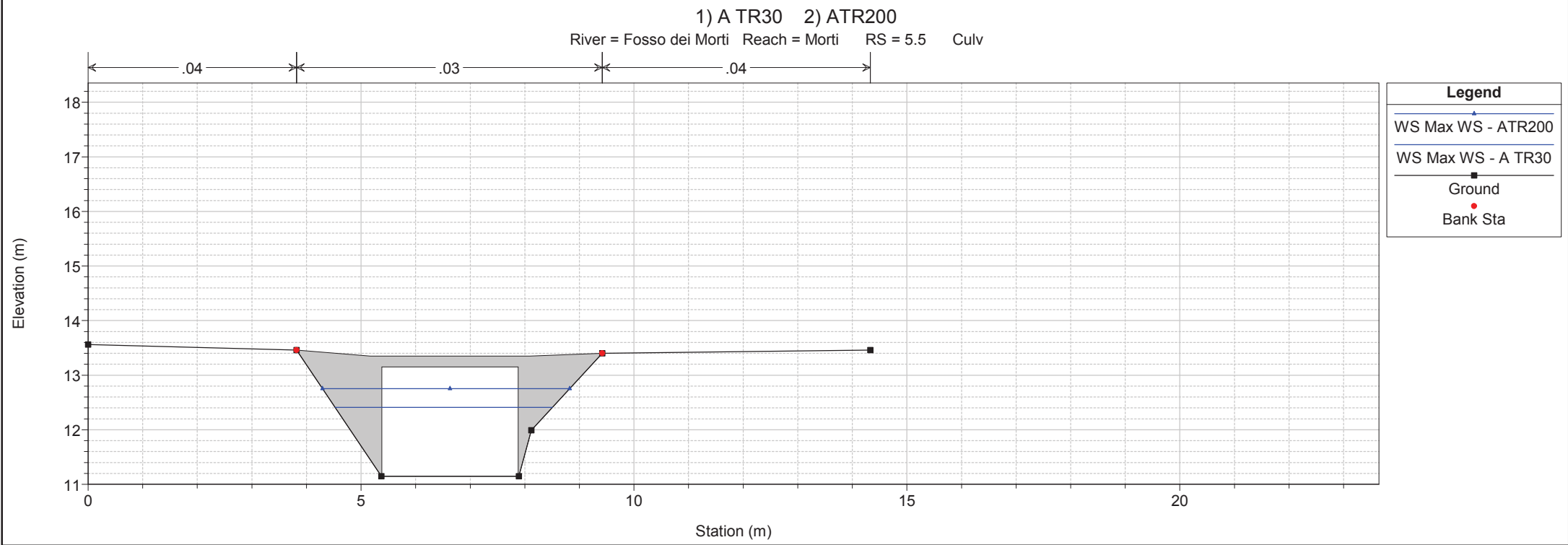
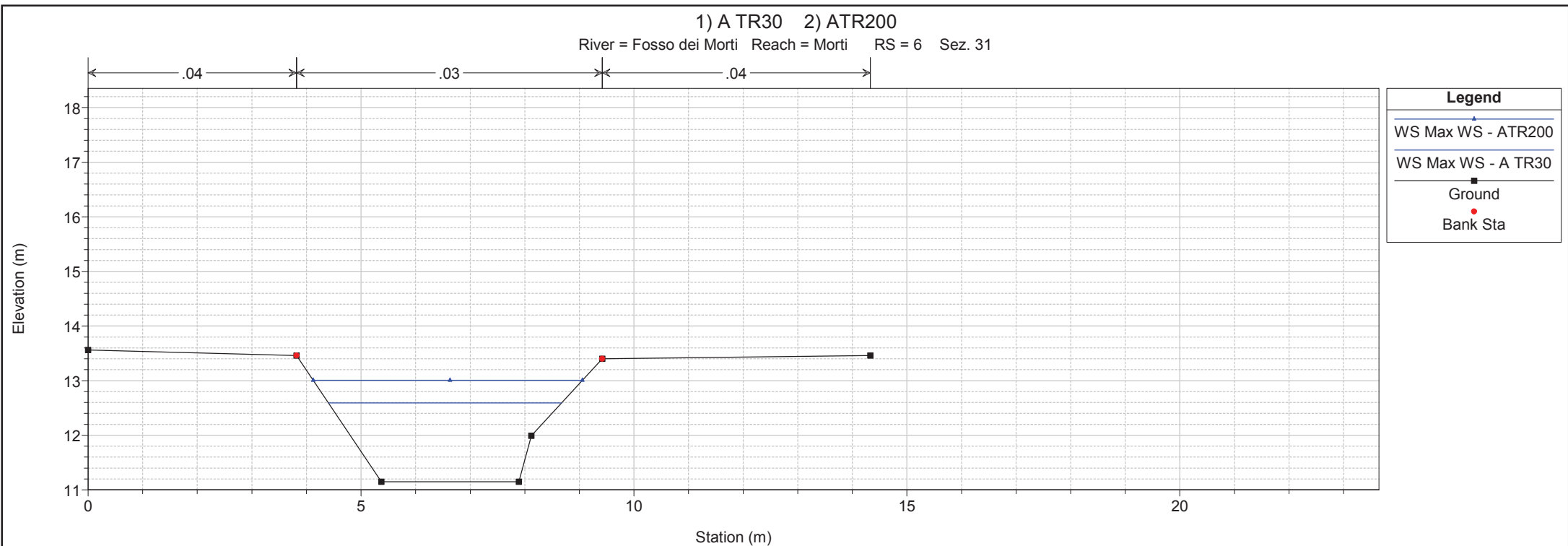
1) A TR30 2) ATR200

River = Fosso dei Morti Reach = Morti RS = 8 Sez. 29



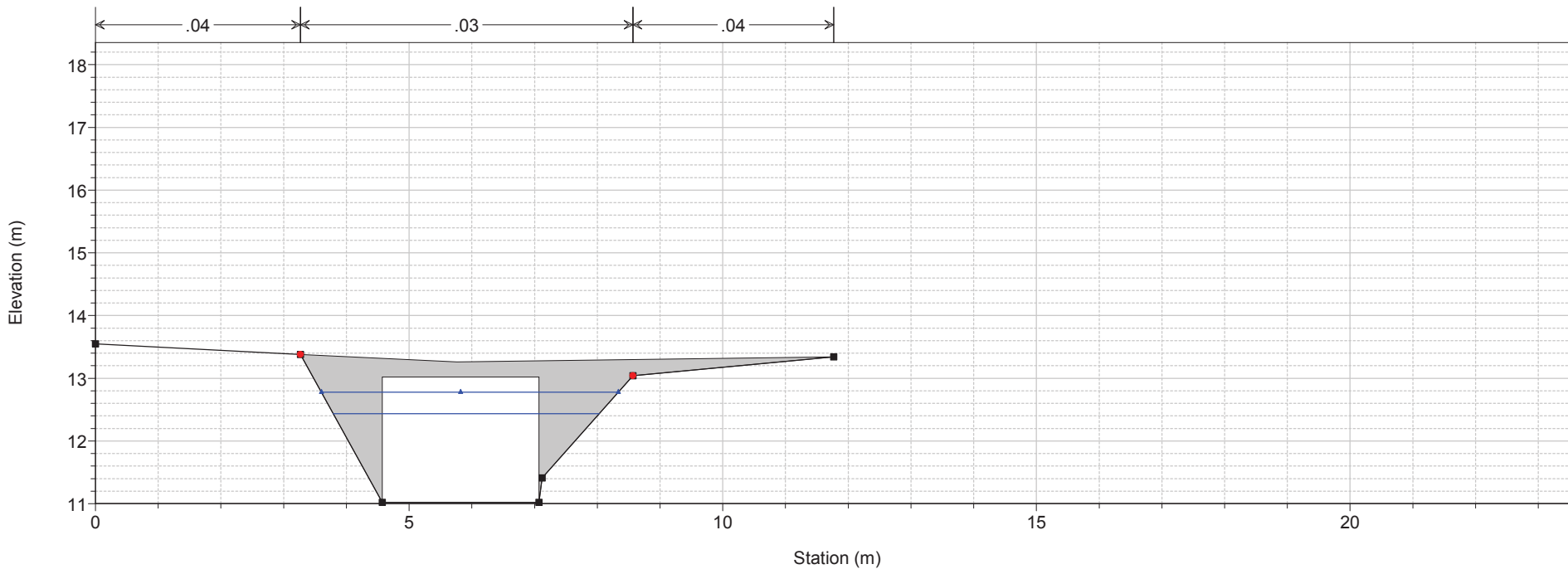


1 cm Horiz. = 1 m 1 cm Vert. = 1 m



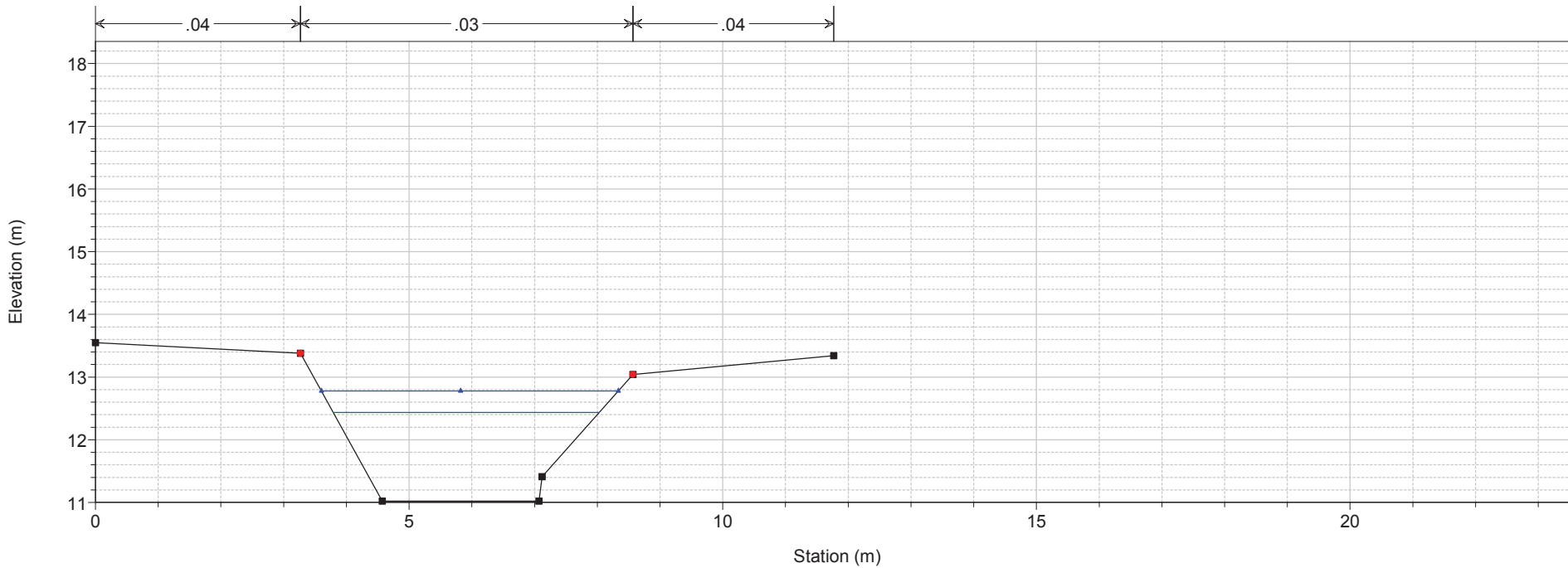
1) A TR30 2) ATR200

River = Fosso dei Morti Reach = Morti RS = 5.5 Culv



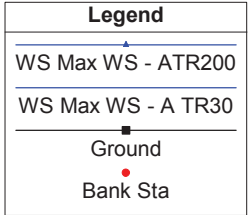
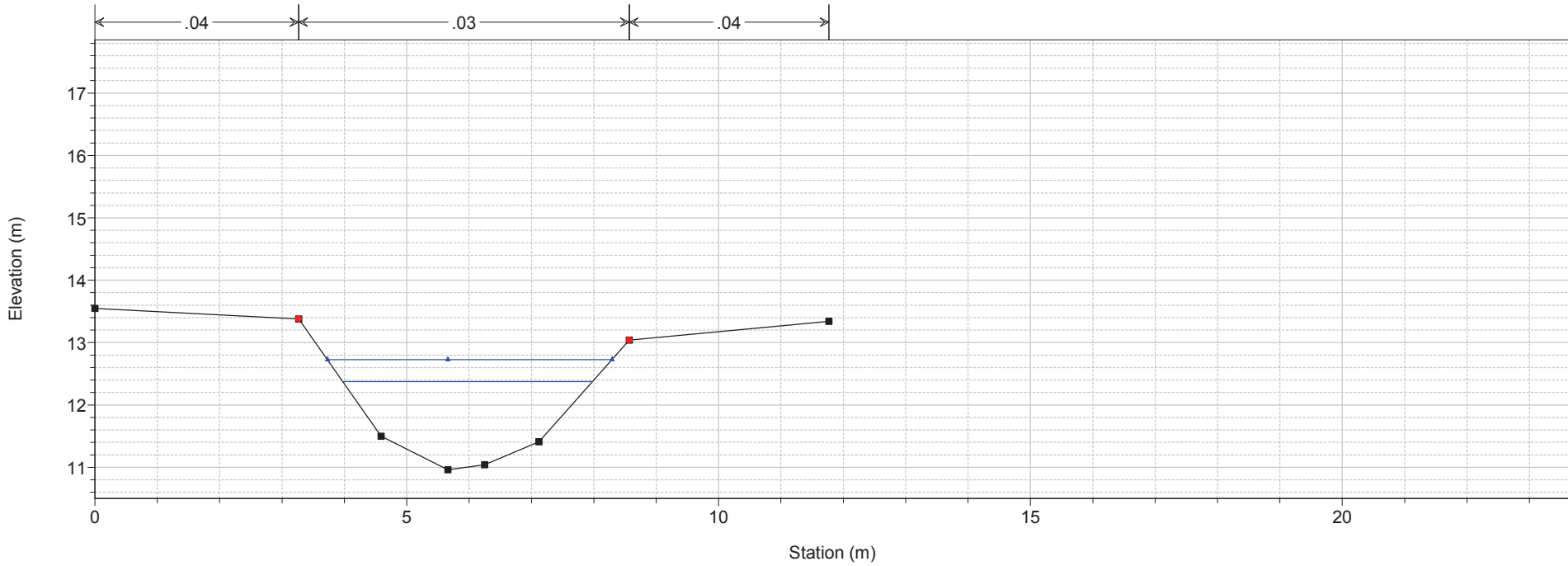
1) A TR30 2) ATR200

River = Fosso dei Morti Reach = Morti RS = 5 Sez. 32



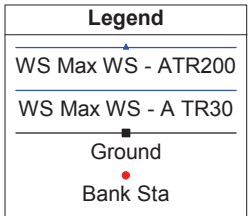
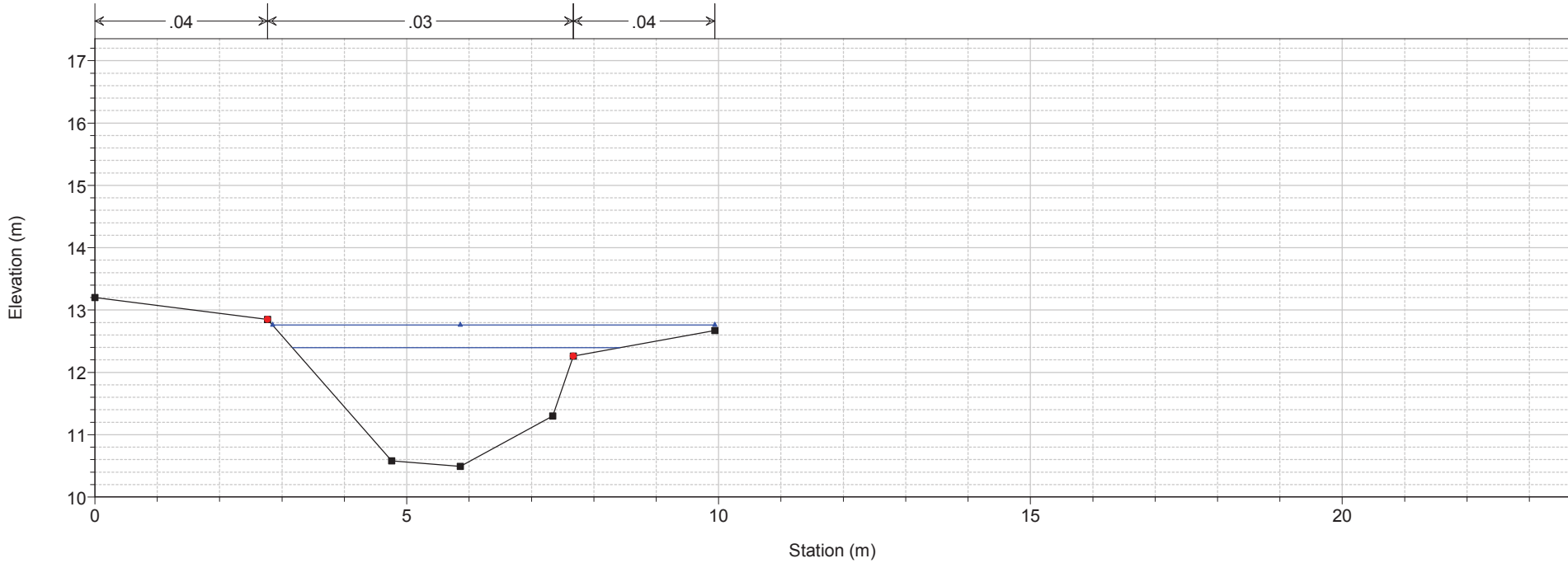
1) A TR30 2) ATR200

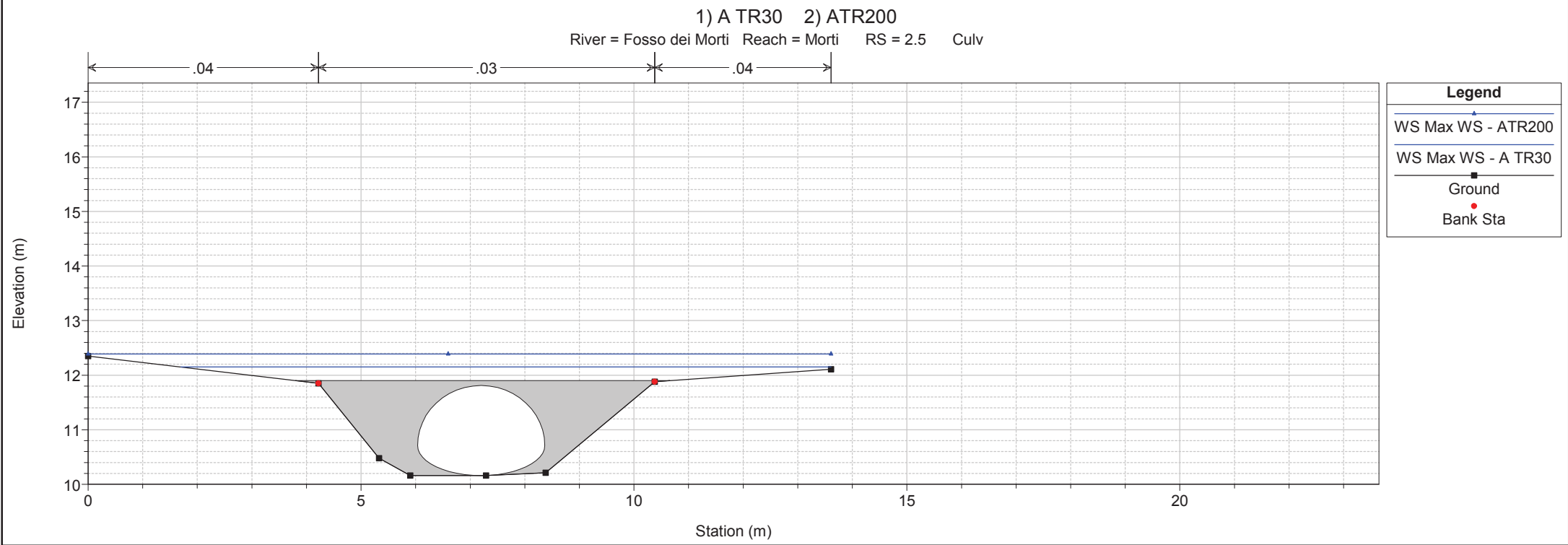
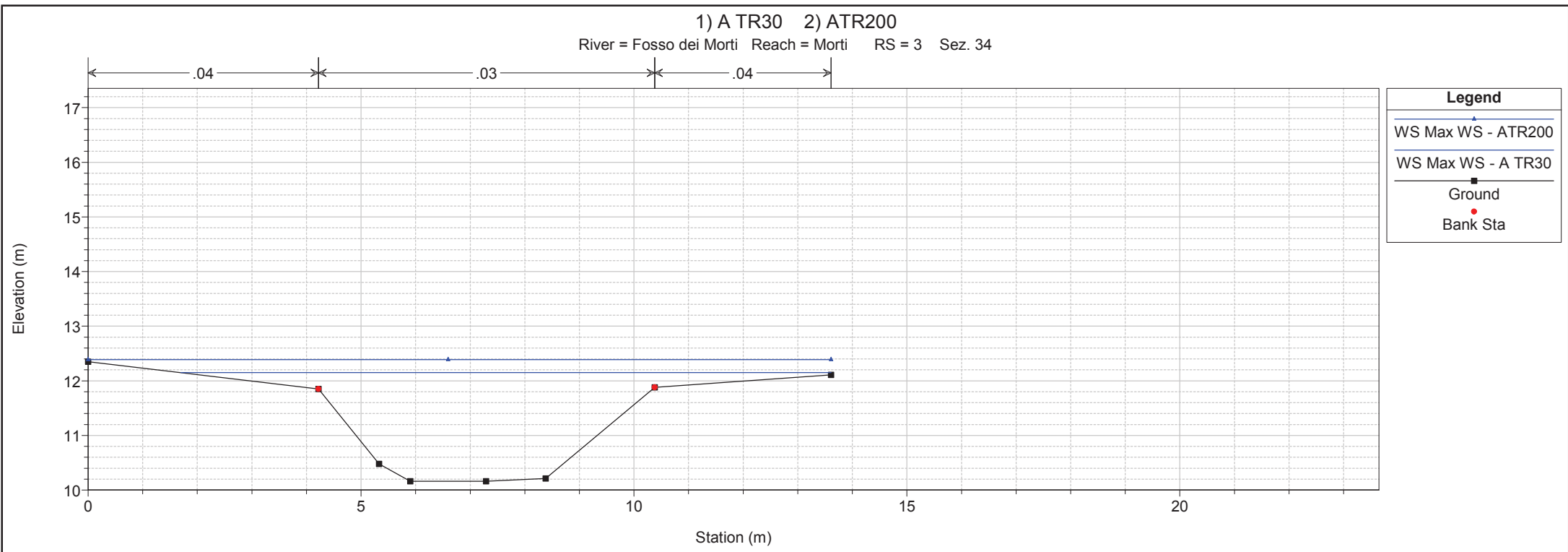
River = Fosso dei Morti Reach = Morti RS = 4.9



1) A TR30 2) ATR200

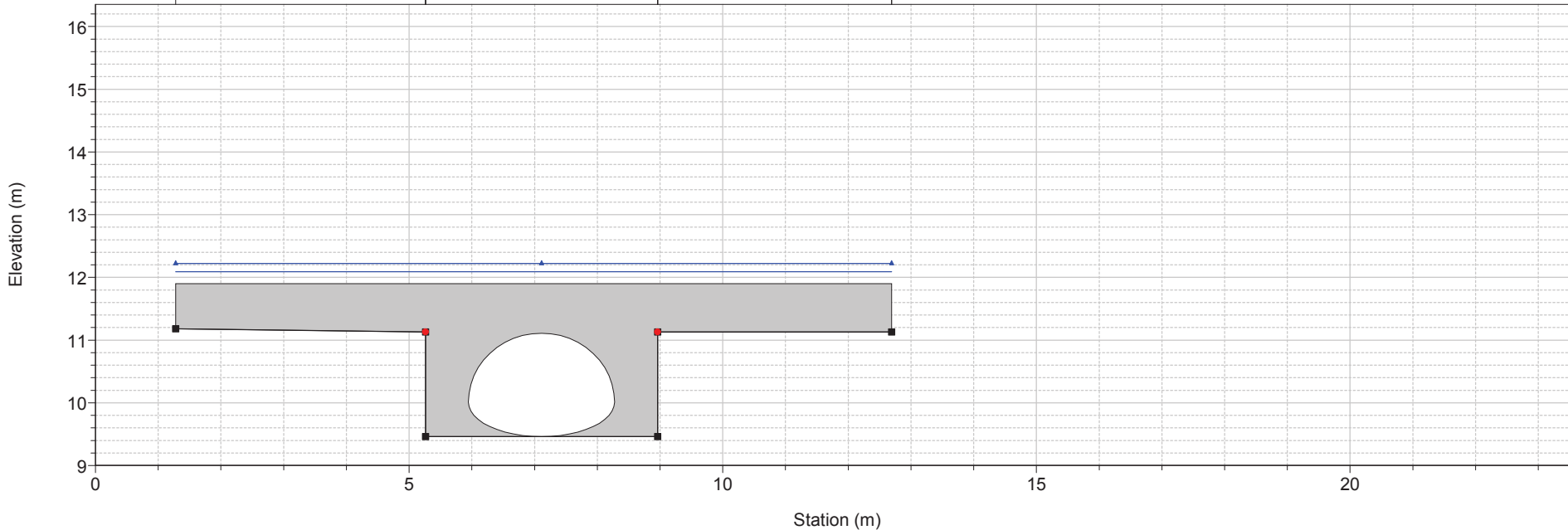
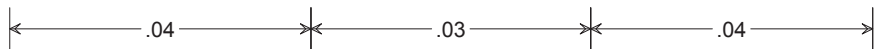
River = Fosso dei Morti Reach = Morti RS = 4 Sez. 33





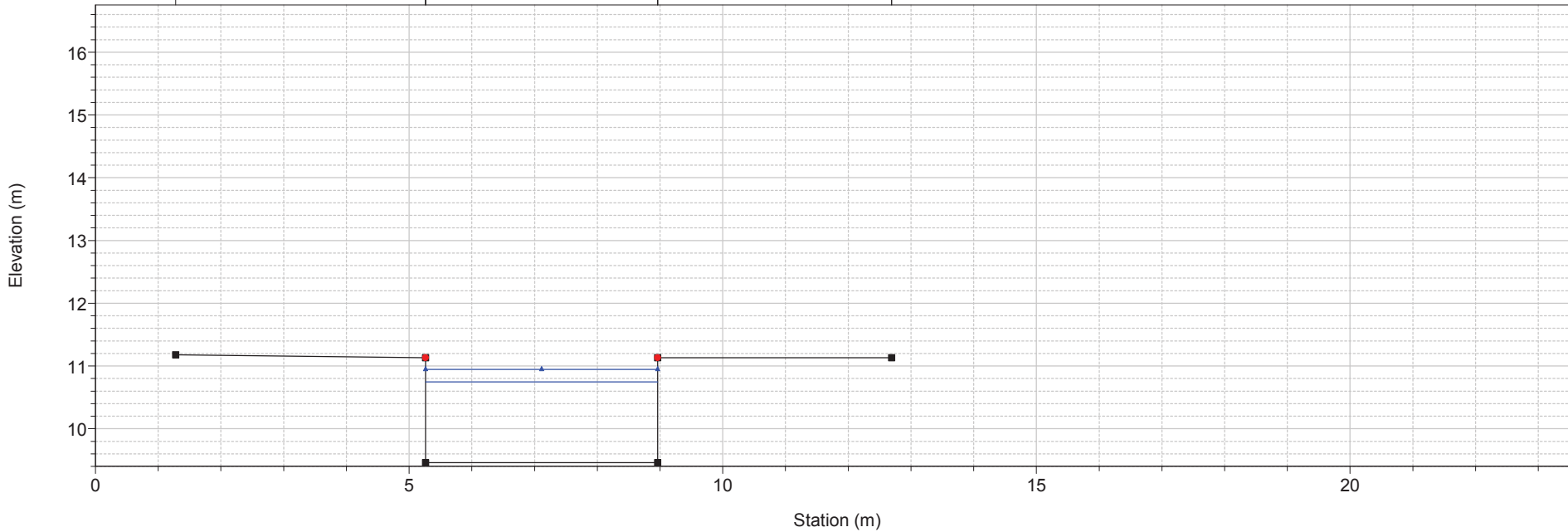
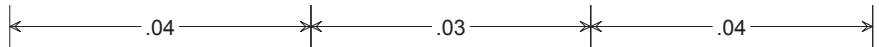
1) A TR30 2) ATR200

River = Fosso dei Morti Reach = Morti RS = 2.5 Culv



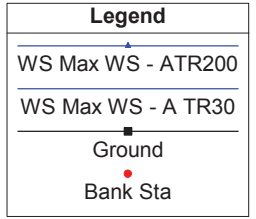
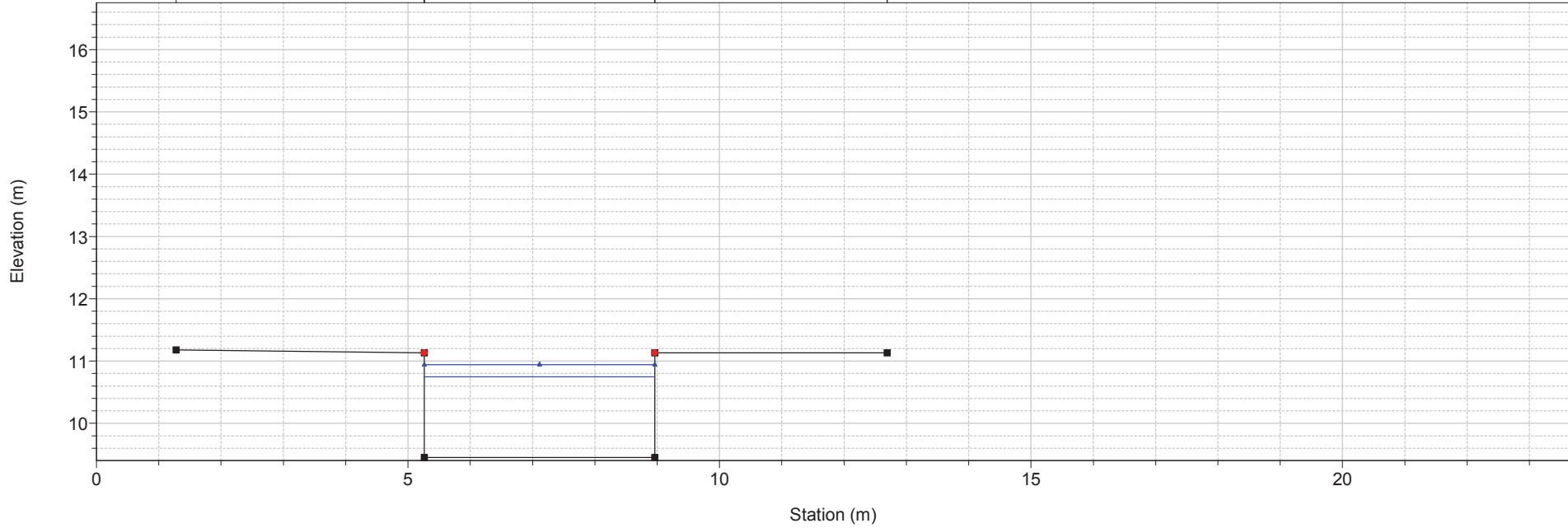
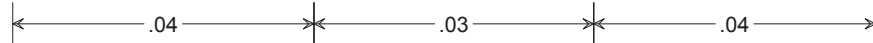
1) A TR30 2) ATR200

River = Fosso dei Morti Reach = Morti RS = 2.1 Sez. 35



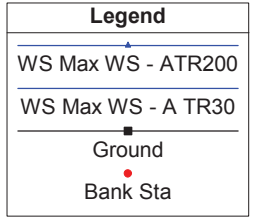
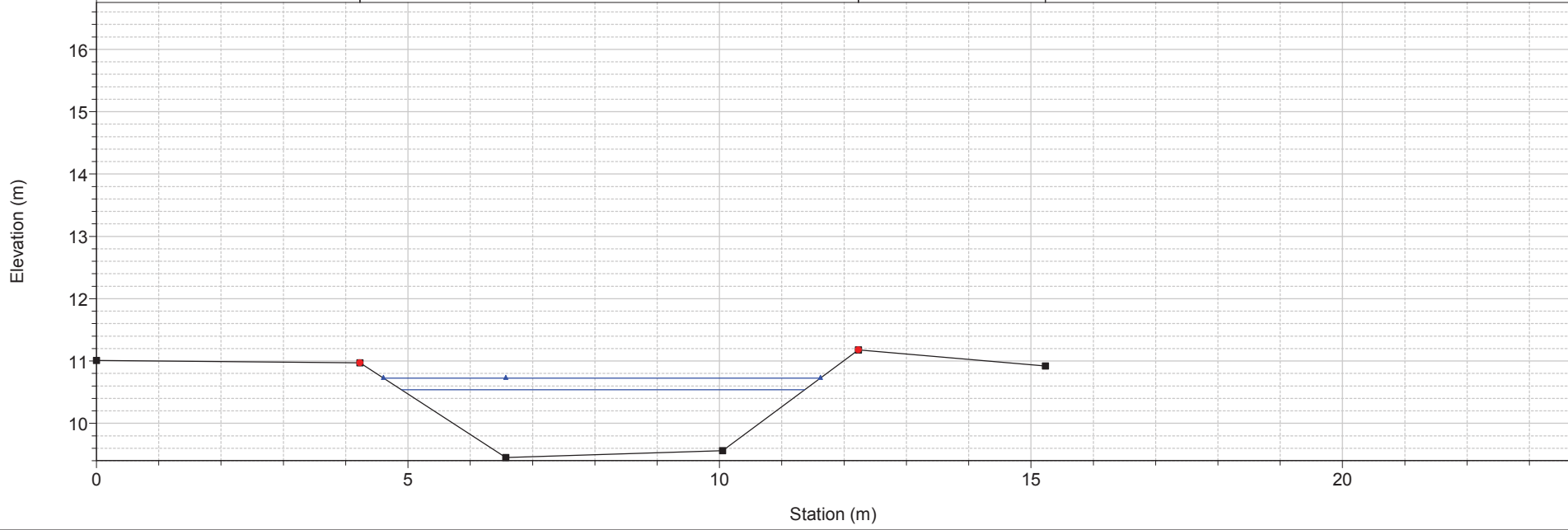
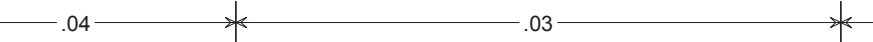
1) A TR30 2) ATR200

River = Fosso dei Morti Reach = Morti RS = 2 Sez. 35



1) A TR30 2) ATR200

River = Fosso dei Morti Reach = Morti RS = 1 Sez. 36



Reach	River Sta	Plan	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
Morti	40	A TR30	12.63	51.84	53.55	53.50	53.78	0.005812	2.41	7.20	12.76	0.71
Morti	40	ATR200	19.19	51.84	53.84	53.71	54.06	0.004469	2.46	11.39	15.66	0.65
Morti	39.99	A TR30	12.63	51.84	53.16	53.50	54.23	0.037021	4.63	2.98	8.48	1.68
Morti	39.99	ATR200	19.19	51.84	53.33	53.71	54.56	0.035459	5.19	4.67	10.64	1.70
Morti	39.98		Lat Struct									
Morti	39.97		Lat Struct									
Morti	39	A TR30	12.62	47.91	49.35	49.67	50.20	0.025668	4.09	3.08	3.25	1.34
Morti	39	ATR200	18.61	47.91	49.55	49.91	50.65	0.029048	4.76	4.41	7.58	1.45
Morti	38	A TR30	12.73	45.43	47.71	46.58	47.74	0.000327	0.93	19.47	11.34	0.20
Morti	38	ATR200	18.22	45.43	48.54	46.73	48.57	0.000206	0.92	28.91	11.34	0.17
Morti	37.9	A TR30	12.52	45.01	47.71		47.74	0.000275	0.85	20.50	11.34	0.17
Morti	37.9	ATR200	18.20	45.01	48.55		48.57	0.000191	0.87	29.95	11.34	0.15
Morti	37.5		Culvert									
Morti	37.1	A TR30	12.52	44.91	46.54	46.62	46.98	0.014682	3.14	4.78	7.17	0.86
Morti	37.1	ATR200	18.20	44.91	46.70	46.84	47.29	0.018743	3.69	6.03	7.78	0.97
Morti	37	A TR30	12.51	45.11	46.52	46.71	47.03	0.019878	3.48	5.00	13.82	1.04
Morti	37	ATR200	18.20	45.11	46.69	46.85	47.15	0.019114	3.57	7.71	18.96	1.01
Morti	36.97		Lat Struct									
Morti	36	A TR30	4.51	43.50	45.22		45.27	0.001205	1.01	4.68	6.71	0.30
Morti	36	ATR200	4.98	43.50	45.26		45.31	0.001336	1.08	4.90	7.17	0.31
Morti	35.5		Culvert									
Morti	35	A TR30	4.51	43.07	44.08	43.92	44.28	0.007332	1.94	2.32	3.18	0.73
Morti	35	ATR200	4.98	43.07	44.11	43.97	44.33	0.008230	2.08	2.39	3.21	0.77
Morti	34.97		Lat Struct									
Morti	34	A TR30	3.06	42.49	44.11	43.24	44.14	0.000885	0.84	3.80	3.77	0.24
Morti	34	ATR200	3.19	42.49	44.14	43.26	44.17	0.000893	0.85	3.92	3.83	0.24
Morti	33.9	A TR30	2.54	42.43	44.13	43.10	44.15	0.000288	0.66	4.01	3.81	0.18
Morti	33.9	ATR200	2.56	42.43	44.16	43.11	44.18	0.000271	0.65	4.14	3.89	0.18
Morti	33.5		Bridge									
Morti	33.1	A TR30	2.54	41.92	42.13	42.40	43.48	0.128298	5.15	0.49	2.62	3.79
Morti	33.1	ATR200	2.56	41.92	42.13	42.40	43.49	0.128124	5.16	0.50	2.62	3.79
Morti	33	A TR30	2.54	41.54	41.98	42.07	42.31	0.028048	2.54	1.00	2.93	1.39
Morti	33	ATR200	2.56	41.54	41.98	42.07	42.31	0.028048	2.55	1.00	2.93	1.39
Morti	32	A TR30	2.54	40.24	40.73	40.84	41.09	0.031917	2.69	0.94	2.85	1.49
Morti	32	ATR200	2.56	40.24	40.73	40.84	41.10	0.031842	2.69	0.95	2.85	1.49
Morti	31	A TR30	2.54	37.73	38.46	38.11	38.50	0.001762	0.91	2.77	3.95	0.35
Morti	31	ATR200	2.56	37.73	38.47	38.11	38.51	0.001760	0.92	2.79	3.95	0.35
Morti	30.9	A TR30	2.54	37.71	38.46	38.09	38.50	0.000877	0.89	2.85	3.95	0.33
Morti	30.9	ATR200	2.56	37.71	38.46	38.09	38.51	0.000878	0.89	2.86	3.95	0.34
Morti	30.5		Bridge									
Morti	30.1	A TR30	2.54	37.63	38.27	38.13	38.39	0.003499	1.51	1.68	3.00	0.64
Morti	30.1	ATR200	2.56	37.63	38.27	38.13	38.39	0.003512	1.52	1.69	3.00	0.65
Morti	30	A TR30	2.54	37.62	38.27	38.12	38.38	0.006311	1.50	1.70	3.00	0.64
Morti	30	ATR200	2.56	37.62	38.27	38.12	38.38	0.006336	1.50	1.70	3.00	0.64
Morti	29	A TR30	2.54	37.19	37.72	37.76	37.96	0.017472	2.15	1.18	3.16	1.12
Morti	29	ATR200	2.56	37.19	37.73	37.76	37.96	0.017434	2.16	1.19	3.17	1.12
Morti	28	A TR30	2.54	36.08	36.75	36.79	37.02	0.018013	2.31	1.10	2.50	1.11
Morti	28	ATR200	2.56	36.08	36.75	36.79	37.03	0.018008	2.32	1.11	2.50	1.11
Morti	27	A TR30	2.54	34.50	35.03	35.12	35.39	0.027353	2.67	0.95	2.41	1.36
Morti	27	ATR200	2.56	34.50	35.03	35.13	35.40	0.027371	2.67	0.96	2.42	1.36

Reach	River Sta	Plan	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
Morti	26	A TR30	2.53	30.23	30.59	30.81	31.38	0.101539	3.96	0.64	2.65	2.57
Morti	26	ATR200	2.54	30.23	30.59	30.81	31.39	0.101109	3.96	0.64	2.65	2.57
Morti	25.5	A TR30	2.29	28.18	29.38	28.83	29.40	0.000820	0.76	3.75	7.08	0.26
Morti	25.5	ATR200	2.25	28.18	29.41	28.82	29.43	0.000675	0.71	4.00	7.11	0.23
Morti	25	A TR30	2.22	28.11	29.37	28.78	29.37	0.000008	0.08	44.89	80.73	0.03
Morti	25	ATR200	2.27	28.11	29.40	28.78	29.40	0.000007	0.07	47.60	80.76	0.02
Morti	24	A TR30	2.21	28.05	29.37	28.68	29.37	0.000004	0.06	60.29	89.77	0.02
Morti	24	ATR200	2.26	28.05	29.40	28.68	29.40	0.000003	0.06	63.31	89.86	0.02
Morti	23	A TR30	2.21	27.99	29.37	28.62	29.37	0.000002	0.05	66.39	84.10	0.01
Morti	23	ATR200	2.26	27.99	29.40	28.62	29.40	0.000002	0.05	69.21	84.26	0.01
Morti	22	A TR30	2.21	27.97	29.37		29.37	0.000014	0.12	34.11	81.94	0.03
Morti	22	ATR200	2.25	27.97	29.40		29.40	0.000012	0.12	36.86	82.10	0.03
Morti	21.5		Culvert									
Morti	21	A TR30	2.21	27.85	28.08	28.13	28.28	0.026690	1.94	1.14	4.87	1.28
Morti	21	ATR200	2.25	27.85	28.09	28.13	28.28	0.026676	1.96	1.15	4.87	1.28
Morti	20.80	A TR30	2.21	27.22	27.47	27.52	27.68	0.025460	2.00	1.11	4.47	1.28
Morti	20.80	ATR200	2.25	27.22	27.48	27.52	27.68	0.025421	2.01	1.12	4.48	1.28
Morti	20	A TR30	2.48	24.69	25.31	25.31	25.53	0.014291	2.09	1.19	2.63	0.99
Morti	20	ATR200	2.86	24.69	25.37	25.36	25.60	0.013291	2.12	1.35	2.73	0.96
Morti	19.9	A TR30	2.55	24.61	25.26	25.08	25.37	0.002713	1.42	1.80	3.15	0.60
Morti	19.9	ATR200	2.96	24.61	25.34	25.13	25.45	0.002563	1.45	2.04	3.25	0.59
Morti	19.5		Bridge									
Morti	19.1	A TR30	2.55	24.50	25.04	24.97	25.18	0.004661	1.66	1.54	3.52	0.80
Morti	19.1	ATR200	2.96	24.50	25.08	25.01	25.24	0.004797	1.75	1.69	3.63	0.82
Morti	19	A TR30	2.56	24.47	25.01	25.05	25.25	0.019398	2.19	1.17	3.34	1.18
Morti	19	ATR200	2.99	24.47	25.05	25.10	25.31	0.018627	2.26	1.32	3.45	1.17
Morti	18	A TR30	2.77	23.85	24.50	24.39	24.63	0.006762	1.57	1.77	3.68	0.72
Morti	18	ATR200	3.31	23.85	24.58	24.45	24.71	0.006183	1.60	2.07	3.92	0.70
Morti	17	A TR30	3.10	23.34	24.00	23.99	24.22	0.012484	2.04	1.52	3.36	0.97
Morti	17	ATR200	3.83	23.34	24.09	24.07	24.31	0.011729	2.11	1.81	3.62	0.95
Morti	16	A TR30	3.62	22.12	22.93	22.96	23.23	0.016154	2.42	1.49	2.90	1.08
Morti	16	ATR200	4.64	22.12	23.05	23.08	23.37	0.015002	2.51	1.85	3.20	1.05
Morti	15.1	A TR30	4.03	21.12	22.09	21.79	22.25	0.006534	1.77	2.28	2.35	0.57
Morti	15.1	ATR200	5.29	21.12	22.29	21.92	22.48	0.006743	1.92	2.76	2.35	0.57
Morti	15	A TR30	4.04	21.12	22.09	21.79	22.25	0.003535	1.77	2.28	2.35	0.57
Morti	15	ATR200	5.30	21.12	22.29	21.92	22.48	0.003649	1.92	2.75	2.35	0.57
Morti	14.5		Bridge									
Morti	14	A TR30	4.04	21.00	21.68	21.71	22.06	0.011387	2.72	1.48	2.17	1.05
Morti	14	ATR200	5.30	21.00	21.83	21.85	22.27	0.011489	2.94	1.80	2.17	1.03
Morti	13.9	A TR30	4.04	21.00	21.68	21.70	22.06	0.021315	2.73	1.48	2.17	1.05
Morti	13.9	ATR200	5.30	21.00	21.83	21.85	22.27	0.021480	2.95	1.80	2.17	1.04
Morti	13	A TR30	4.37	19.79	20.61	20.70	21.02	0.021184	2.83	1.54	2.74	1.20
Morti	13	ATR200	5.82	19.79	20.73	20.84	21.22	0.022329	3.12	1.87	2.89	1.24
Morti	12	A TR30	4.84	18.28	19.12	19.16	19.45	0.015635	2.53	1.91	3.51	1.10
Morti	12	ATR200	6.55	18.28	19.28	19.31	19.63	0.014010	2.63	2.49	3.97	1.06
Morti	11.8	A TR30	4.86	18.13	19.08	19.04	19.34	0.010648	2.23	2.18	3.55	0.91
Morti	11.8	ATR200	6.58	18.13	19.24	19.19	19.53	0.010219	2.37	2.78	3.97	0.90
Morti	11.5		Bridge									
Morti	11.2	A TR30	4.86	18.04	18.76	18.94	19.34	0.034802	3.40	1.43	3.08	1.59
Morti	11.2	ATR200	6.58	18.04	18.87	19.08	19.55	0.033500	3.64	1.81	3.39	1.59

Reach	River Sta	Plan	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
Morti	11	A TR30	4.88	17.86	18.65	18.78	19.12	0.025254	3.06	1.60	3.09	1.36
Morti	11	ATR200	6.62	17.86	18.77	18.93	19.34	0.025813	3.34	1.98	3.36	1.39
Morti	10.1	A TR30	5.29	17.10	17.79	17.59	17.89	0.003950	1.41	3.76	6.34	0.58
Morti	10.1	ATR200	7.18	17.10	17.96	17.70	18.07	0.003381	1.47	4.88	6.79	0.55
Morti	10	A TR30	5.29	17.10	17.79	17.59	17.89	0.000634	1.41	3.75	6.34	0.58
Morti	10	ATR200	7.18	17.10	17.96	17.70	18.07	0.000542	1.47	4.88	6.79	0.55
Morti	9.5		Bridge									
Morti	9.2	A TR30	5.29	16.74	17.28	17.30	17.56	0.002601	2.37	2.23	4.35	1.05
Morti	9.2	ATR200	7.18	16.74	17.40	17.41	17.74	0.002552	2.61	2.75	4.35	1.05
Morti	9	A TR30	5.29	16.72	17.26	17.27	17.54	0.015995	2.36	2.25	4.35	1.05
Morti	9	ATR200	7.20	16.72	17.37	17.39	17.72	0.015779	2.61	2.76	4.35	1.04
Morti	8	A TR30	6.00	14.20	15.38	15.37	15.70	0.012591	2.51	2.39	3.56	0.98
Morti	8	ATR200	8.37	14.20	15.56	15.55	15.94	0.012563	2.74	3.06	3.95	0.99
Morti	7.98		Lat Struct									
Morti	7	A TR30	6.77	12.38	13.63	13.79	14.19	0.027556	3.33	2.03	3.45	1.38
Morti	7	ATR200	9.48	12.38	13.79	13.97	14.44	0.026570	3.57	2.65	3.96	1.39
Morti	6.1	A TR30	6.77	10.93	12.52	12.23	12.70	0.005359	1.89	3.57	3.94	0.64
Morti	6.1	ATR200	9.47	10.93	12.96	12.44	13.11	0.003294	1.72	5.49	4.75	0.51
Morti	6	A TR30	6.77	11.15	12.59		12.70	0.002490	1.43	4.74	4.27	0.43
Morti	6	ATR200	9.47	11.15	13.01		13.11	0.001968	1.43	6.64	4.93	0.39
Morti	5.5		Culvert									
Morti	5	A TR30	6.77	11.02	12.44	11.89	12.55	0.002662	1.46	4.62	4.24	0.45
Morti	5	ATR200	9.47	11.02	12.78	12.09	12.90	0.002404	1.54	6.15	4.73	0.43
Morti	4.9	A TR30	6.76	10.96	12.37	12.06	12.54	0.004547	1.82	3.71	4.00	0.60
Morti	4.9	ATR200	9.47	10.96	12.73	12.26	12.89	0.003538	1.81	5.23	4.57	0.54
Morti	4.898		Lat Struct									
Morti	4.897		Lat Struct									
Morti	4	A TR30	6.76	10.49	12.39	11.56	12.46	0.001257	1.14	5.96	5.25	0.32
Morti	4	ATR200	9.40	10.49	12.76	11.75	12.83	0.001105	1.21	8.27	7.09	0.31
Morti	3	A TR30	10.35	10.16	12.15		12.21	0.000824	1.10	10.12	11.91	0.29
Morti	3	ATR200	13.56	10.16	12.39		12.45	0.000793	1.19	13.19	13.61	0.29
Morti	2.5		Culvert									
Morti	2.1	A TR30	10.35	9.46	10.75	10.39	10.99	0.006136	2.17	4.76	3.70	0.61
Morti	2.1	ATR200	14.66	9.46	10.95	10.63	11.31	0.008288	2.67	5.50	3.70	0.70
Morti	2	A TR30	10.35	9.45	10.75	10.38	10.98	0.006028	2.16	4.79	3.70	0.61
Morti	2	ATR200	14.63	9.45	10.94	10.62	11.30	0.008179	2.65	5.52	3.70	0.69
Morti	1	A TR30	10.35	9.45	10.54	10.35	10.74	0.005611	2.01	5.14	6.47	0.72
Morti	1	ATR200	14.12	9.45	10.73	10.53	10.97	0.005610	2.20	6.42	7.02	0.73

Reach	River Sta	Plan	Q US (m3/s)	Q Leaving Total (m3/s)	Q DS (m3/s)	Q Weir (m3/s)	Q Gates (m3/s)	Wr Top Wdth (m)	Weir Max Depth (m)	Weir Avg Depth (m)	Min El Weir Flow (m)	E.G. US. (m)	W.S. US. (m)	E.G. DS (m)	W.S. DS (m)
Morti	39.98	A TR30	12.63	9.81	12.73	9.81		50.96	1.56	0.75	46.15	54.22	53.15	47.74	47.71
Morti	39.98	ATR200	19.19	2.25	18.22	2.25		72.40	2.39	1.16	46.15	54.55	53.33	48.57	48.54
Morti	39.97	A TR30	12.63	10.76	12.73	10.76		66.27	1.35	0.57	46.36	54.22	53.15	47.74	47.71
Morti	39.97	ATR200	19.19	2.86	18.22	2.86		126.79	2.19	0.75	46.36	54.55	53.33	48.57	48.54
Morti	36.97	A TR30	12.51	7.87	4.51	7.87		49.65	0.49	0.18	44.73	47.03	46.52	45.28	45.22
Morti	36.97	ATR200	18.20	13.22	4.98	13.22		70.62	0.53	0.21	44.73	47.15	46.68	45.32	45.26
Morti	34.97	A TR30	4.51	1.98	2.54	1.98		22.17	0.25	0.13	43.88	44.28	44.08	44.15	44.13
Morti	34.97	ATR200	4.98	2.42	2.56	2.42		22.51	0.28	0.15	43.88	44.33	44.11	44.18	44.16
Morti	7.98	A TR30	6.00	0.00	6.77	0.00					13.91	15.70	15.38	14.19	13.63
Morti	7.98	ATR200	8.37	0.10	9.48	0.10		31.49	0.03	0.01	13.91	15.94	15.55	14.45	13.80
Morti	4.898	A TR30	6.76	0.03	10.35	0.03		5.90	0.04	0.02	12.11	12.54	12.37	12.21	12.15
Morti	4.898	ATR200	9.47	2.79	13.56	2.79		38.50	0.28	0.11	12.11	12.89	12.73	12.45	12.39
Morti	4.897	A TR30	6.76	0.00	10.35	0.00					12.35	12.54	12.37	12.21	12.15
Morti	4.897	ATR200	9.47	0.01	13.56	0.01		2.59	0.04	0.02	12.35	12.89	12.73	12.45	12.39

Reach	River Sta	Plan	Q US (m3/s)	Q Leaving Total (m3/s)	Q DS (m3/s)	Q Weir (m3/s)	Q Gates (m3/s)	Wr Top Wdth (m)	Weir Max Depth (m)	Weir Avg Depth (m)	Min El Weir Flow (m)	E.G. US. (m)	W.S. US. (m)	E.G. DS (m)	W.S. DS (m)
Morti	39.98	A TR30	12.63	9.81	12.73	9.81		50.96	1.56	0.75	46.15	54.22	53.15	47.74	47.71
Morti	39.98	ATR200	19.19	2.25	18.22	2.25		72.40	2.39	1.16	46.15	54.55	53.33	48.57	48.54
Morti	39.97	A TR30	12.63	10.76	12.73	10.76		66.27	1.35	0.57	46.36	54.22	53.15	47.74	47.71
Morti	39.97	ATR200	19.19	2.86	18.22	2.86		126.79	2.19	0.75	46.36	54.55	53.33	48.57	48.54
Morti	36.97	A TR30	12.51	7.87	4.51	7.87		49.65	0.49	0.18	44.73	47.03	46.52	45.28	45.22
Morti	36.97	ATR200	18.20	13.22	4.98	13.22		70.62	0.53	0.21	44.73	47.15	46.68	45.32	45.26
Morti	34.97	A TR30	4.51	1.98	2.54	1.98		22.17	0.25	0.13	43.88	44.28	44.08	44.15	44.13
Morti	34.97	ATR200	4.98	2.42	2.56	2.42		22.51	0.28	0.15	43.88	44.33	44.11	44.18	44.16
Morti	7.98	A TR30	6.00	0.00	6.77	0.00					13.91	15.70	15.38	14.19	13.63
Morti	7.98	ATR200	8.37	0.10	9.48	0.10		31.49	0.03	0.01	13.91	15.94	15.55	14.45	13.80
Morti	4.898	A TR30	6.76	0.03	10.35	0.03		5.90	0.04	0.02	12.11	12.54	12.37	12.21	12.15
Morti	4.898	ATR200	9.47	2.79	13.56	2.79		38.50	0.28	0.11	12.11	12.89	12.73	12.45	12.39
Morti	4.897	A TR30	6.76	0.00	10.35	0.00					12.35	12.54	12.37	12.21	12.15
Morti	4.897	ATR200	9.47	0.01	13.56	0.01		2.59	0.04	0.02	12.35	12.89	12.73	12.45	12.39

Fosso Vallecorsa e fosso Mozzicone

Stato attuale



Note of the XS's are Geo-Referenced (Geo-Ref user entered XS, Geo-Ref interpolated XS, Non Geo-Ref user entered XS, Non Geo-Ref interpolated XS)

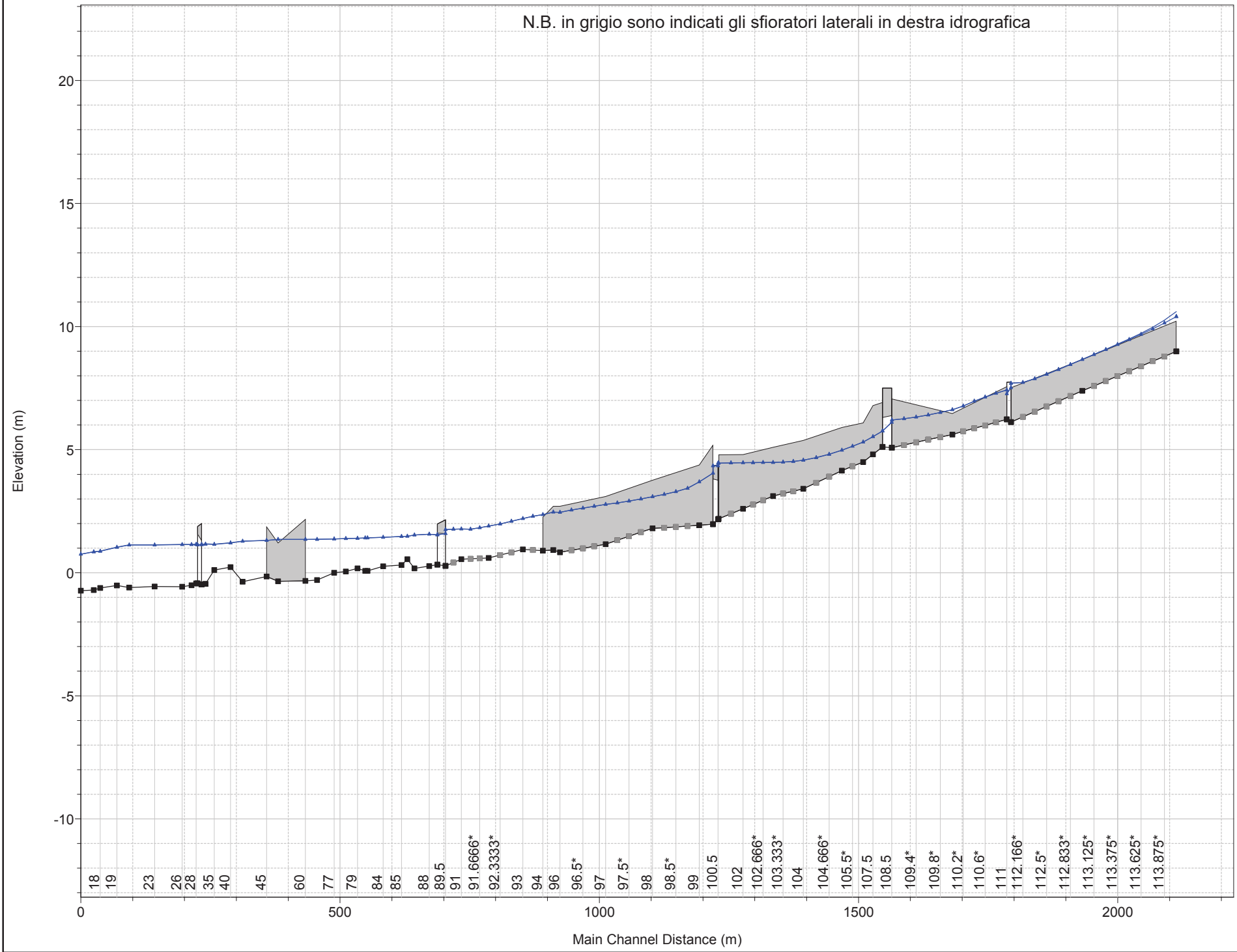
1 cm Horiz. = 82 m 1 cm Vert. = 67 m

1) A TR 200 2) A TR 30

N.B. in grigio sono indicati gli sfioratori laterali in destra idrografica

Legend

- WS Max WS - A TR 200
- WS Max WS - A TR 30
- Ground



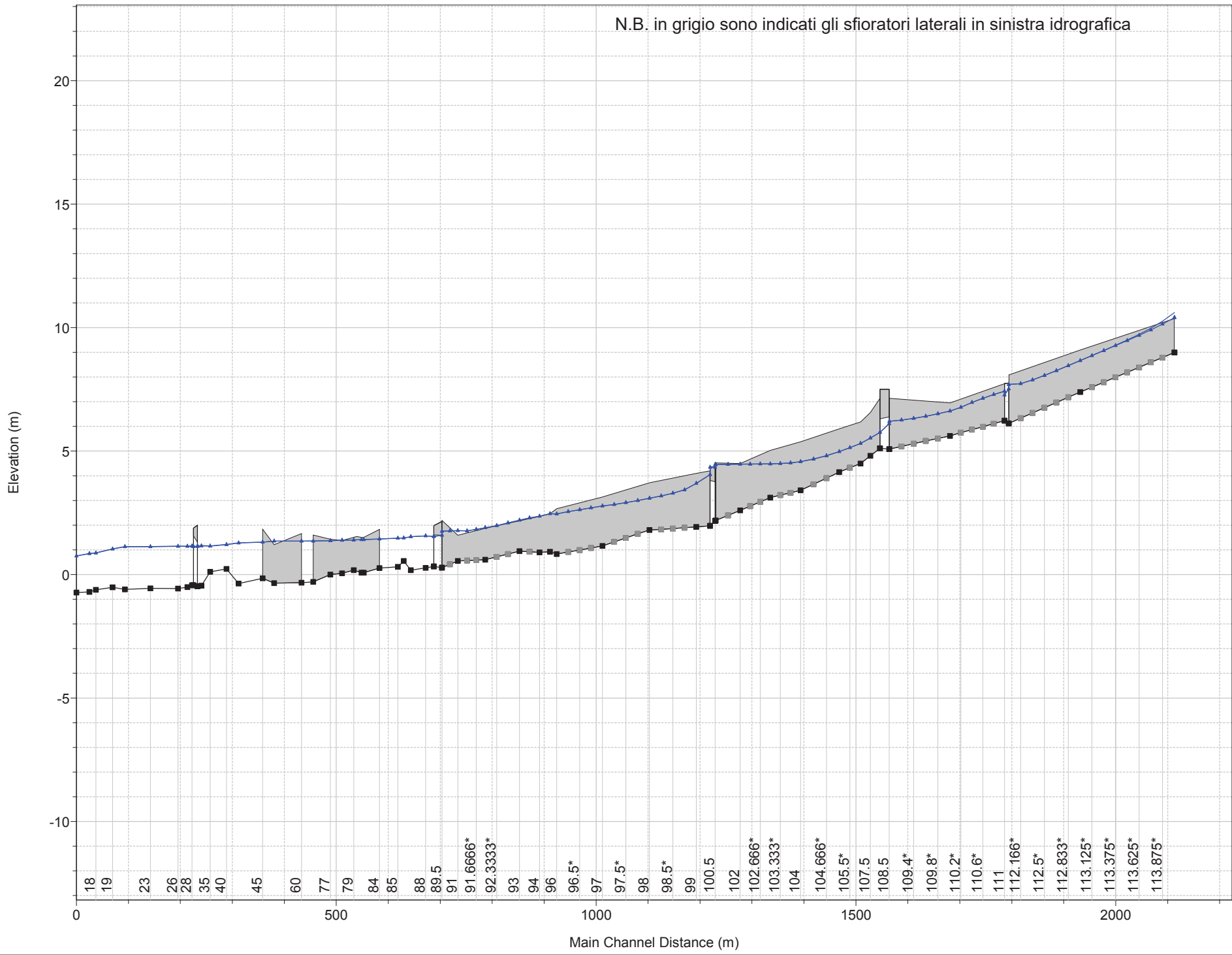
1 cm Horiz. = 95 m 1 cm Vert. = 2 m

1) A TR 200 2) A TR 30

N.B. in grigio sono indicati gli sfioratori laterali in sinistra idrografica

Legend

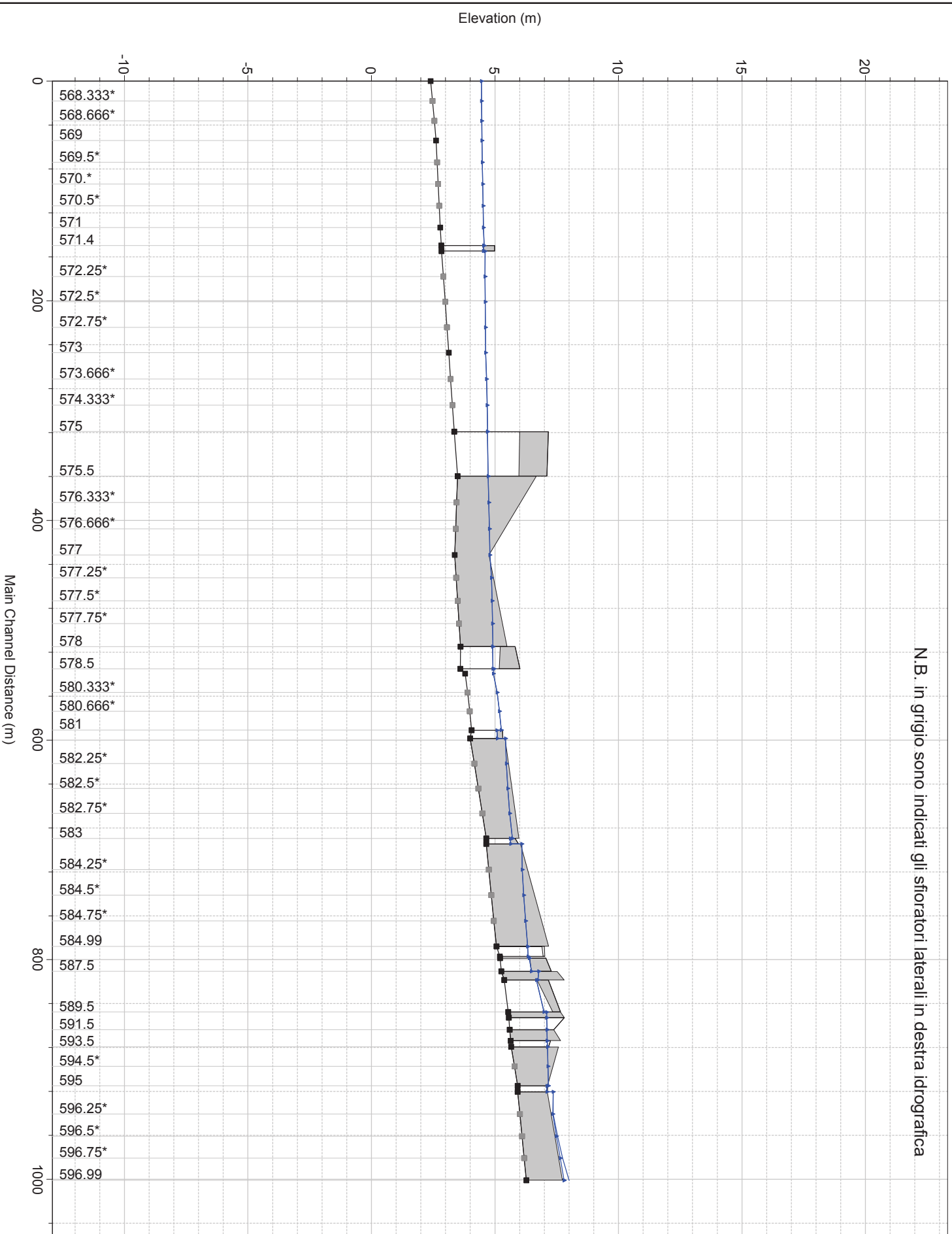
- WS Max WS - A TR 200
- WS Max WS - A TR 30
- Ground



1 cm Horiz. = 95 m 1 cm Vert. = 2 m

1) A TR 200 2) A TR 30

N.B. in grigio sono indicati gli sfioratori laterali in destra idrografica



Legend

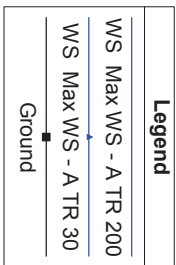
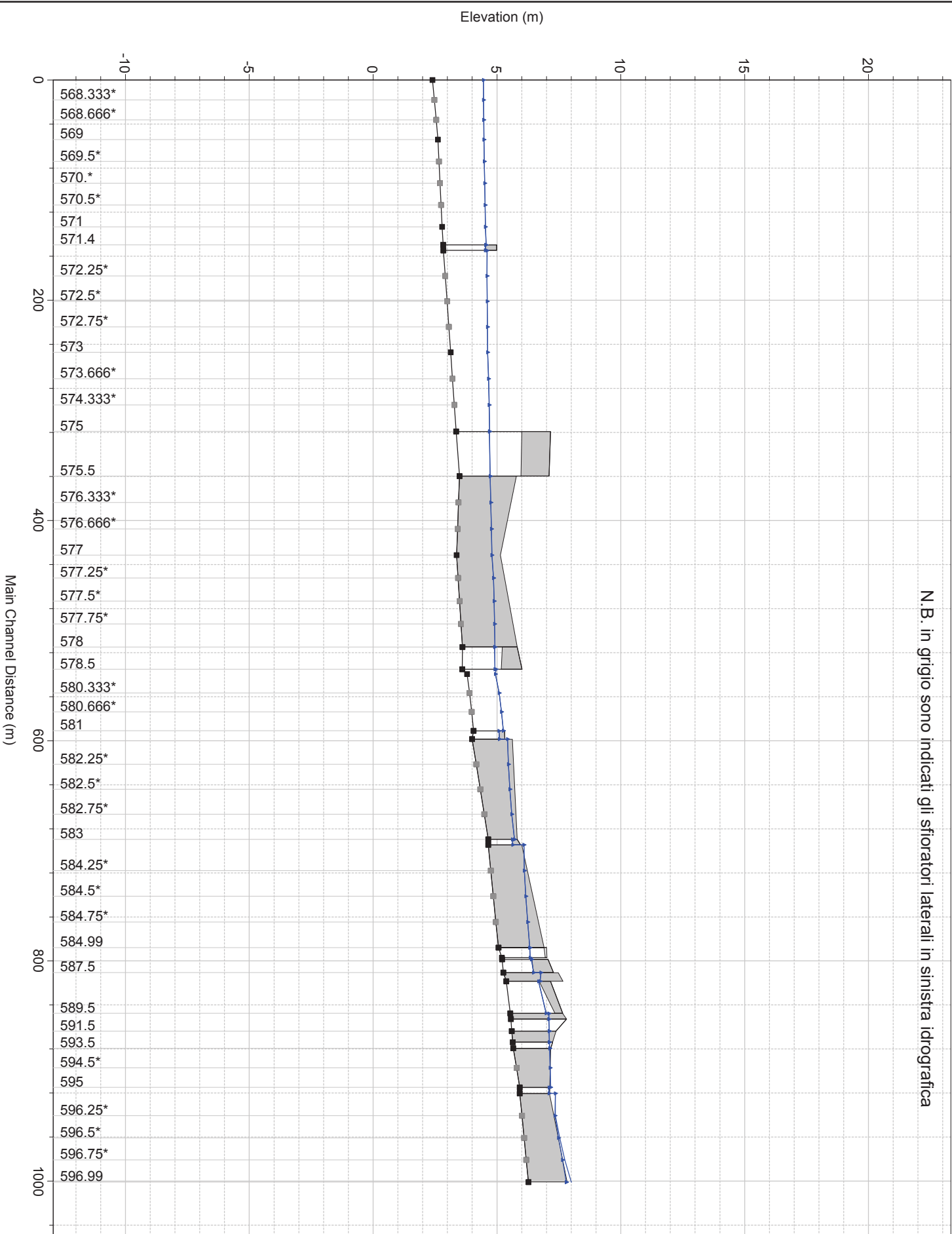
WS Max WS - A TR 200

WS Max WS - A TR 30

Ground

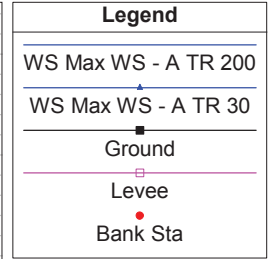
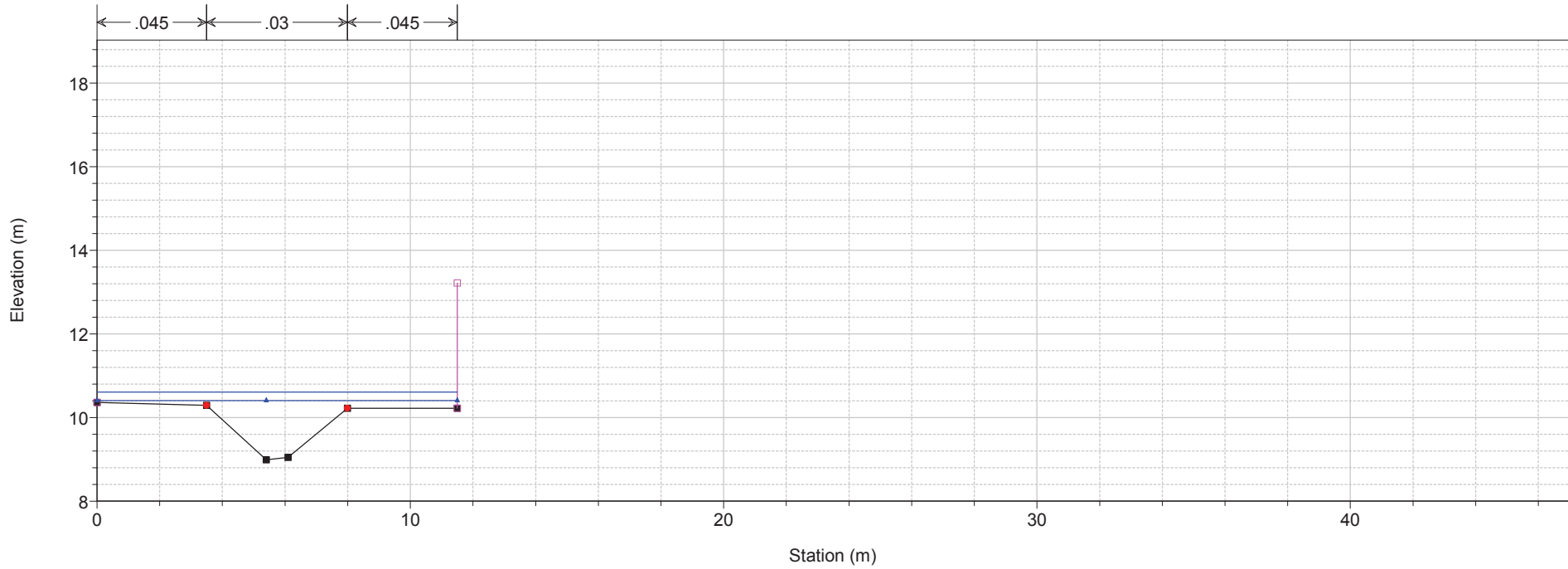
1) A TR 200 2) A TR 30

N.B. in grigio sono indicati gli sfioratori laterali in sinistra idrografica

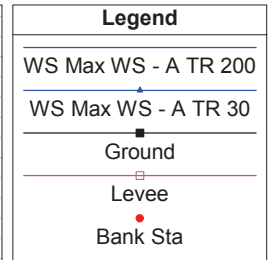
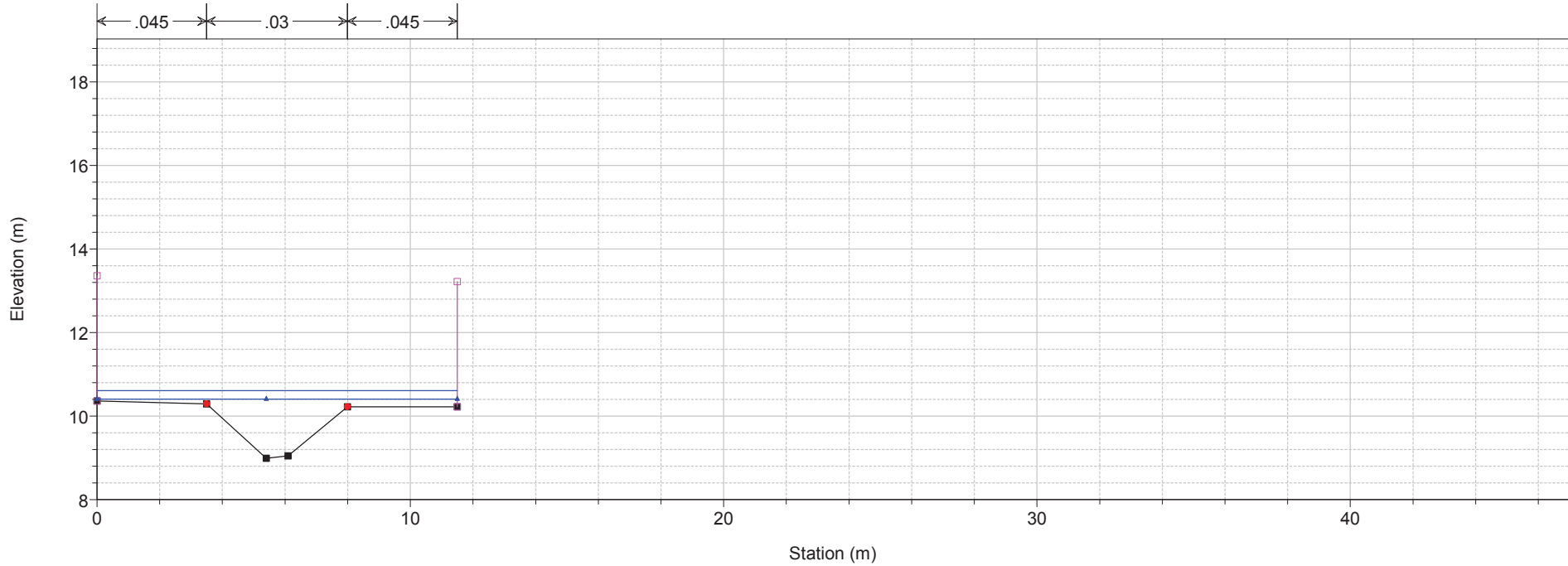


1 cm Horiz. = 45 m 1 cm Vert. = 2 m

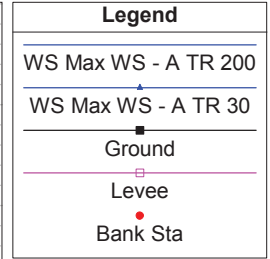
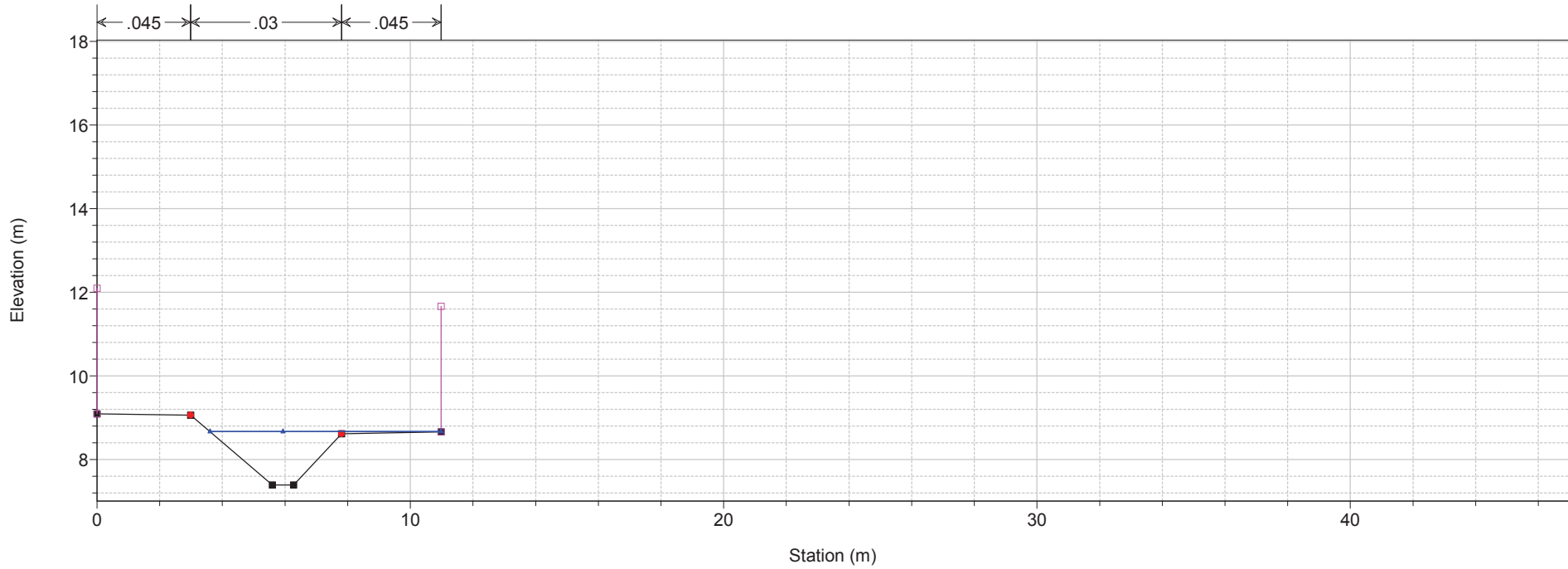
1) A TR 200 2) A TR 30
 River = vallecorsa Reach = vallecorsa RS = 114 Sez. 7v



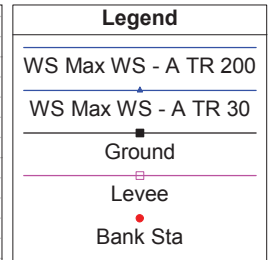
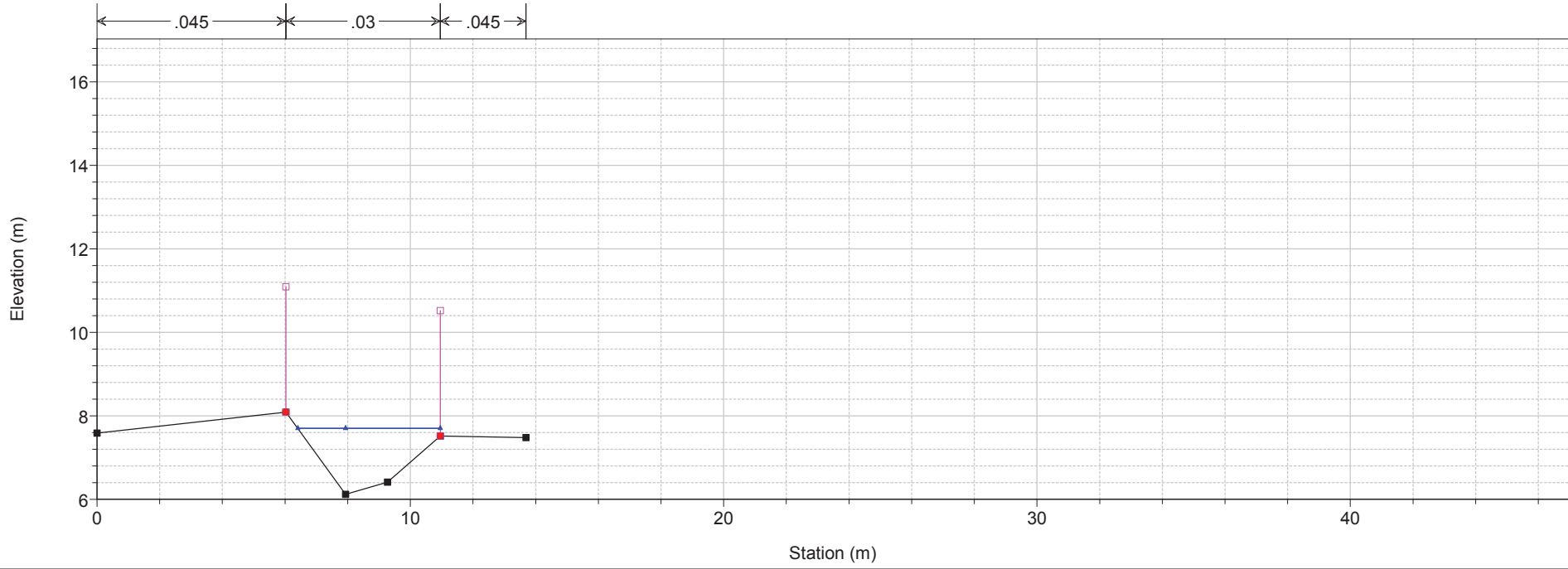
1) A TR 200 2) A TR 30
 River = vallecorsa Reach = vallecorsa RS = 113.99 Sez. 7v



1) A TR 200 2) A TR 30
 River = vallecorsa Reach = vallecorsa RS = 113 Sez. 6v

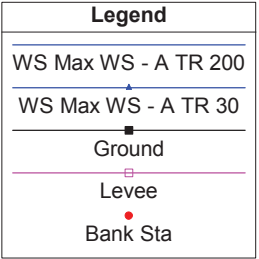
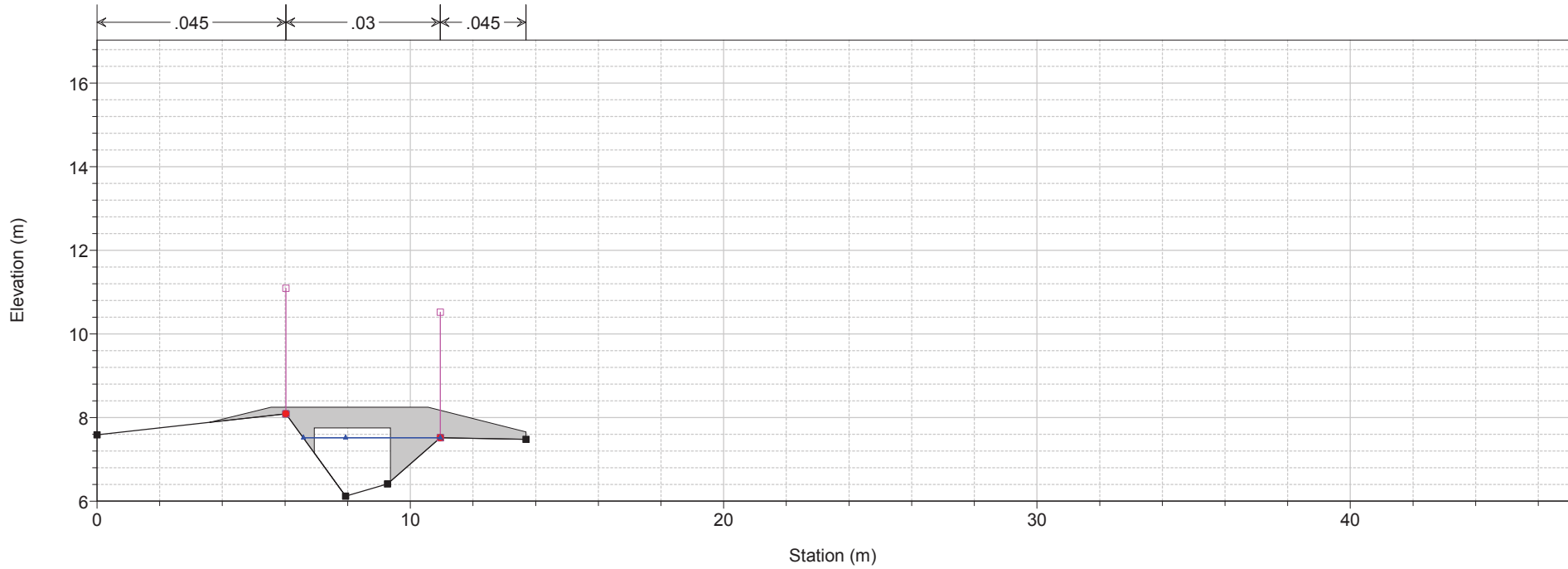


1) A TR 200 2) A TR 30
 River = vallecorsa Reach = vallecorsa RS = 112 Sez. 5v

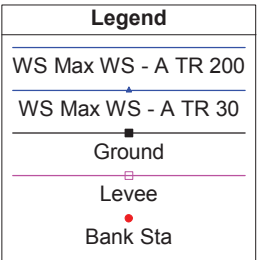
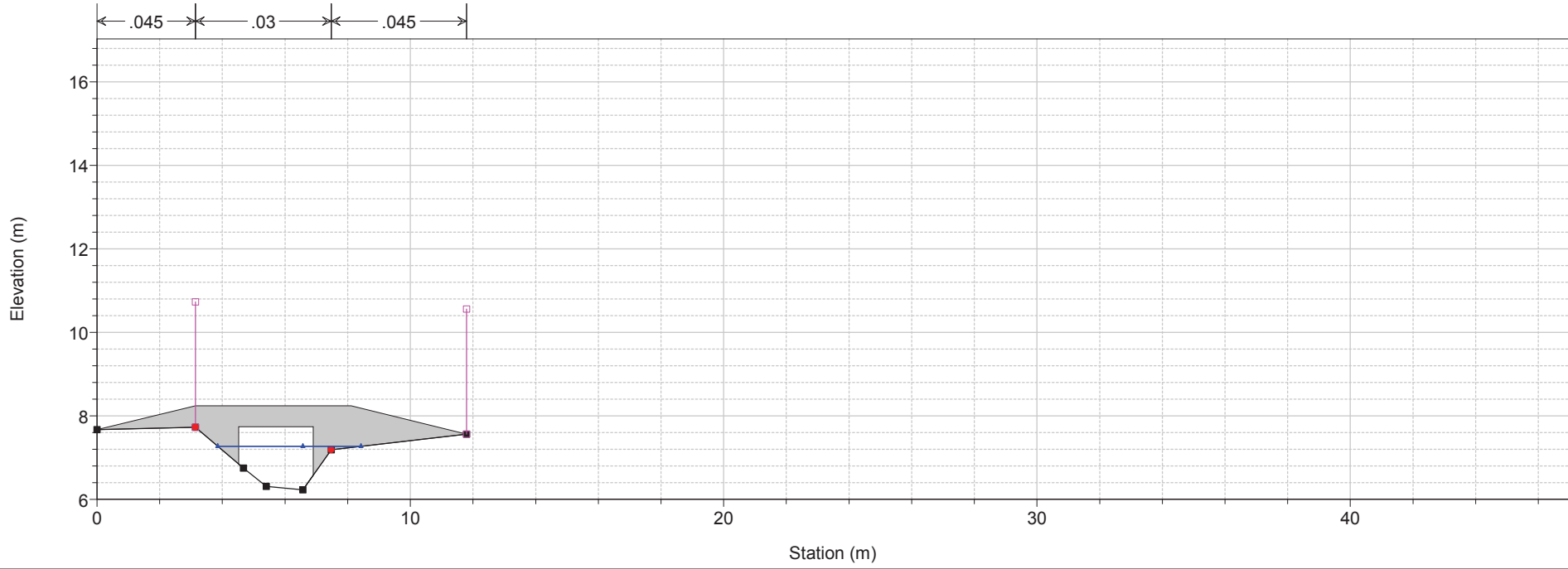


1 cm Horiz. = 2 m 1 cm Vert. = 1.5 m

1) A TR 200 2) A TR 30
 River = vallecorsa Reach = vallecorsa RS = 111.5 BR

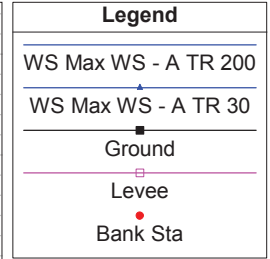
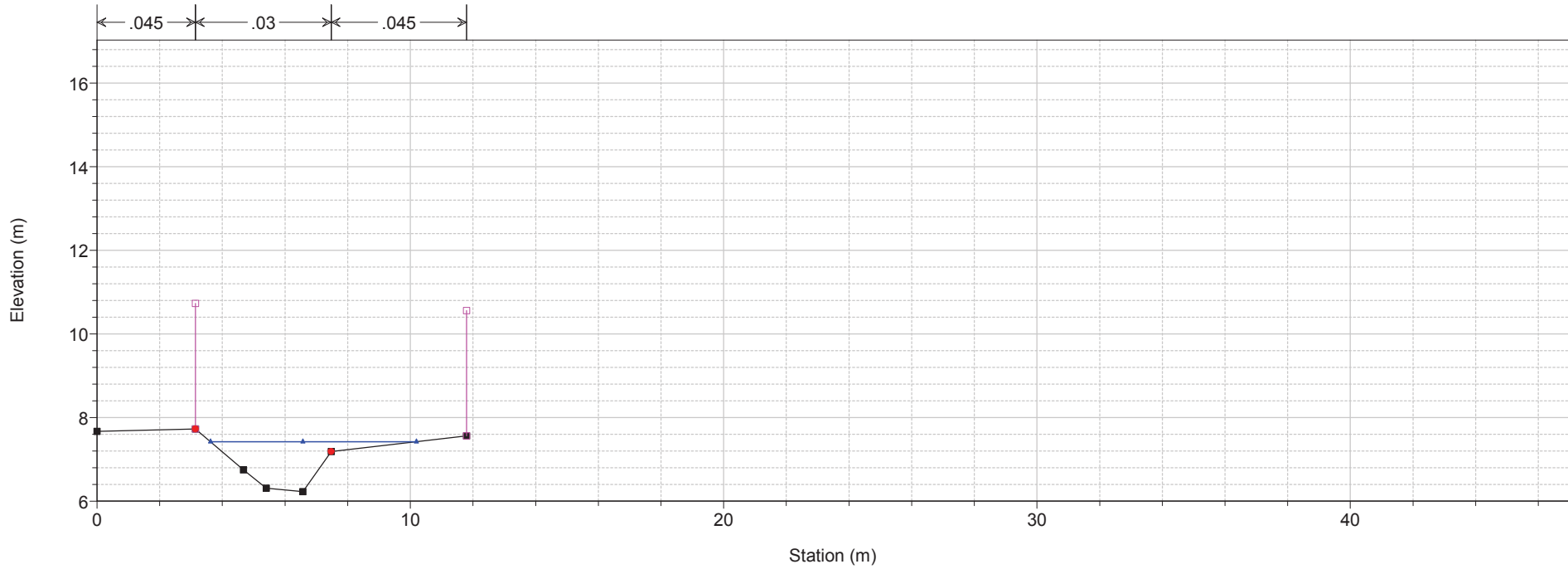


1) A TR 200 2) A TR 30
 River = vallecorsa Reach = vallecorsa RS = 111.5 BR

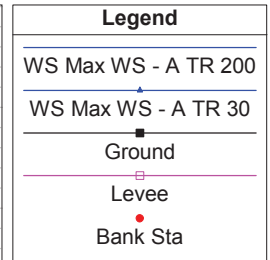
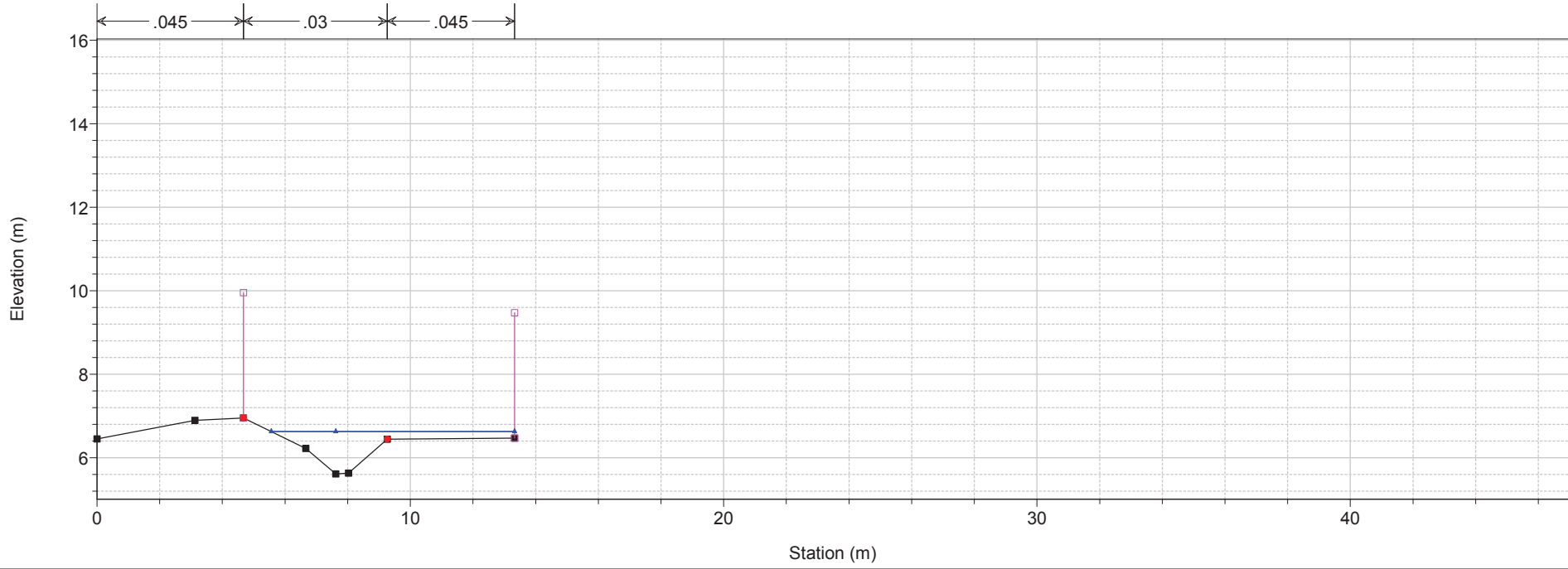


1 cm Horiz. = 2 m 1 cm Vert. = 1.5 m

1) A TR 200 2) A TR 30
 River = vallecorsa Reach = vallecorsa RS = 111 Sez. 4v

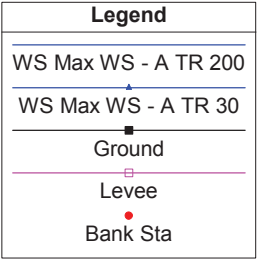
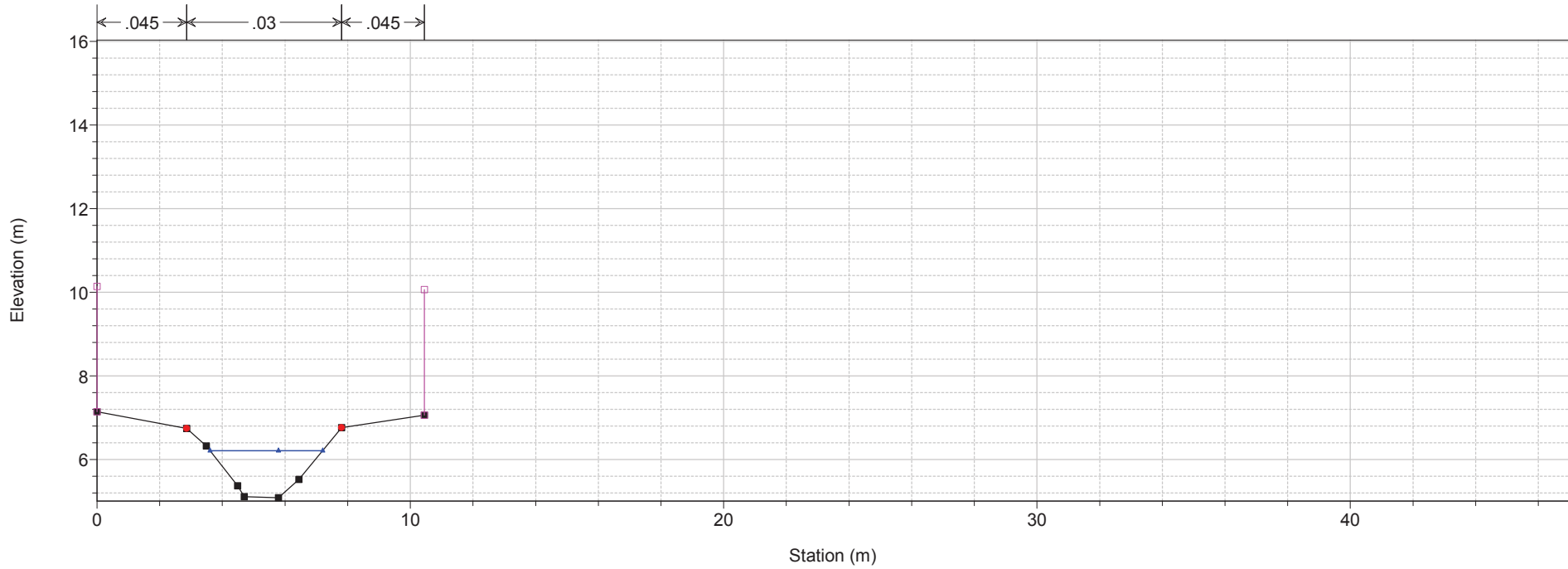


1) A TR 200 2) A TR 30
 River = vallecorsa Reach = vallecorsa RS = 110 Sez. 3v

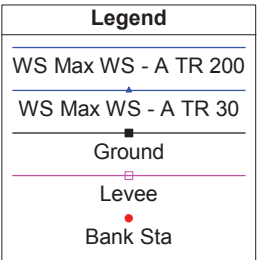
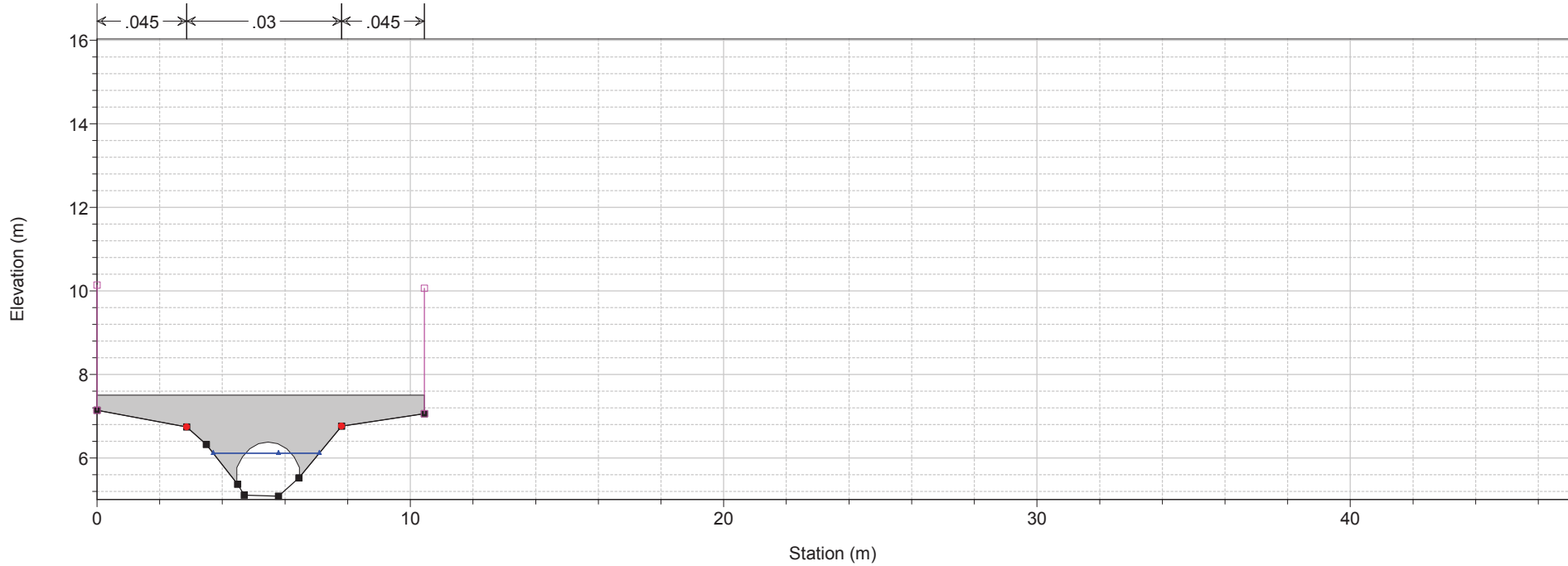


1 cm Horiz. = 2 m 1 cm Vert. = 1.5 m

1) A TR 200 2) A TR 30
 River = vallecorsa Reach = vallecorsa RS = 109 Sez. 2v

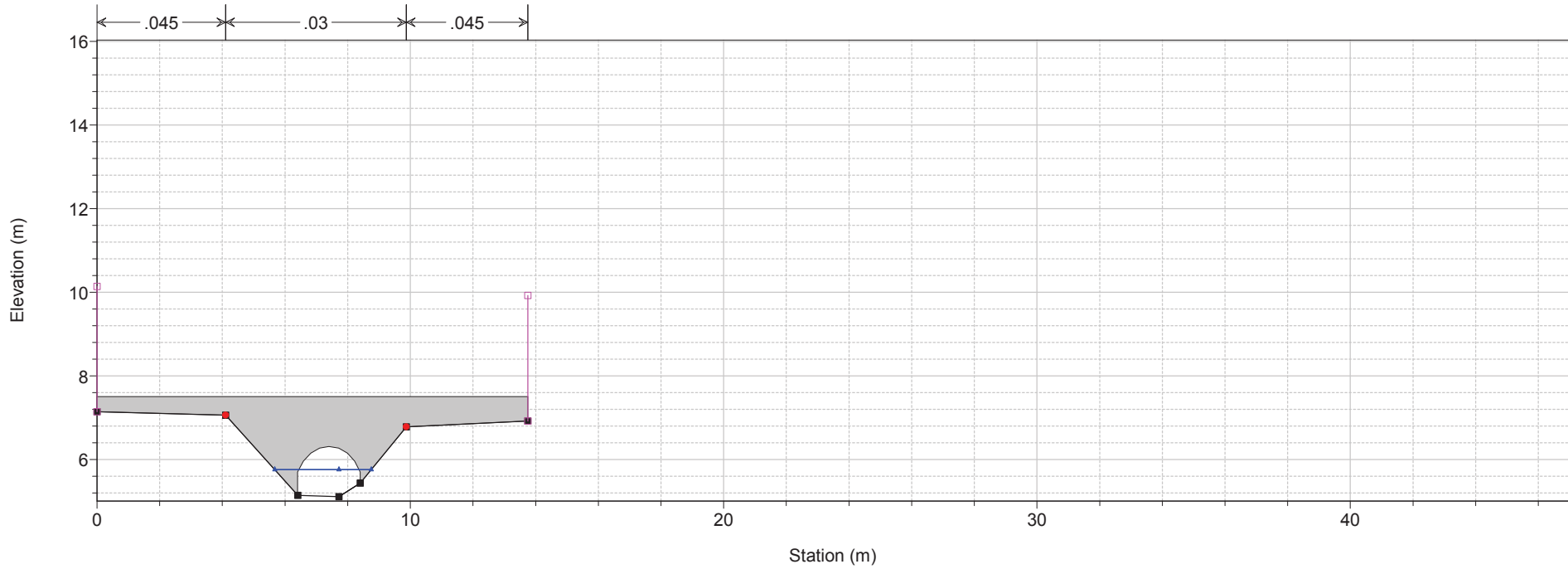


1) A TR 200 2) A TR 30
 River = vallecorsa Reach = vallecorsa RS = 108.5 BR

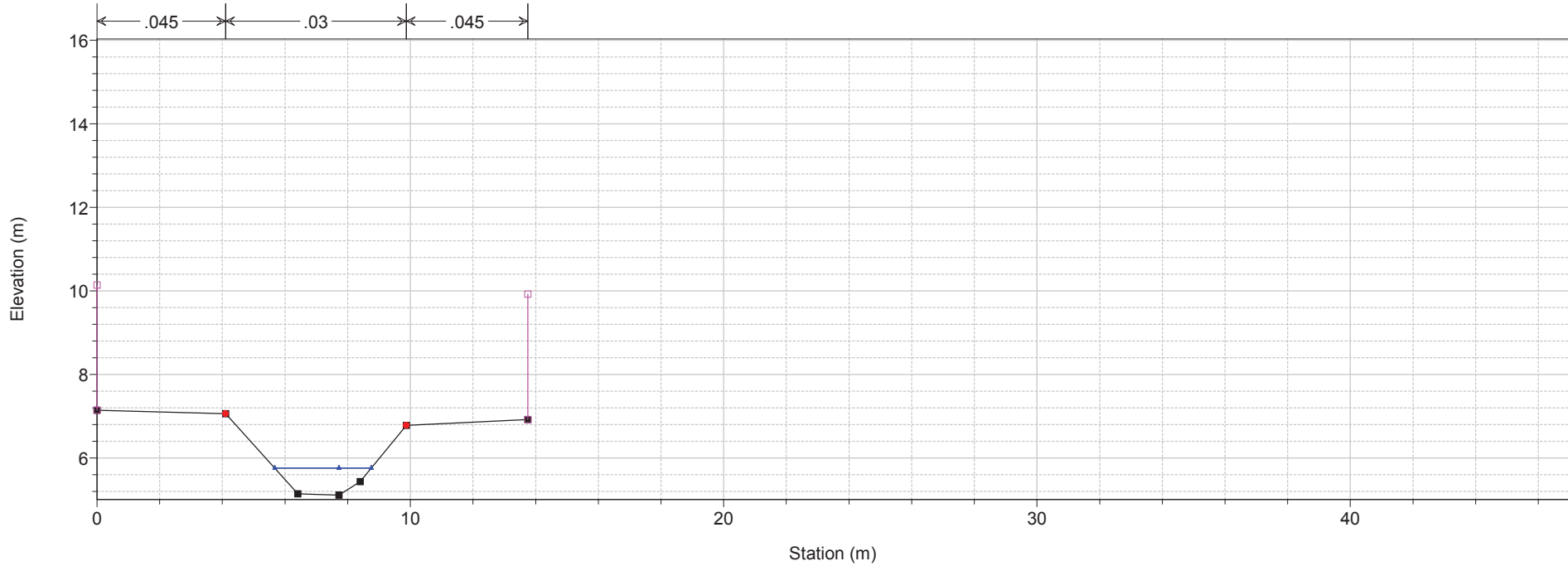


1 cm Horiz. = 2 m 1 cm Vert. = 1.5 m

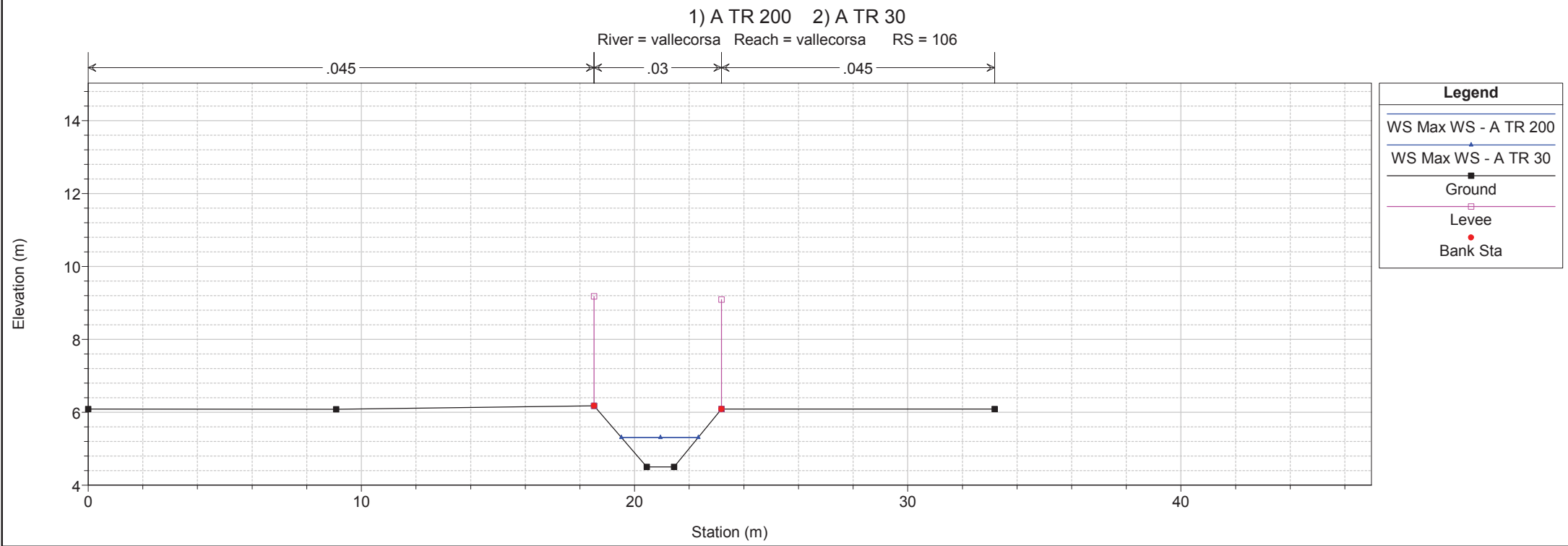
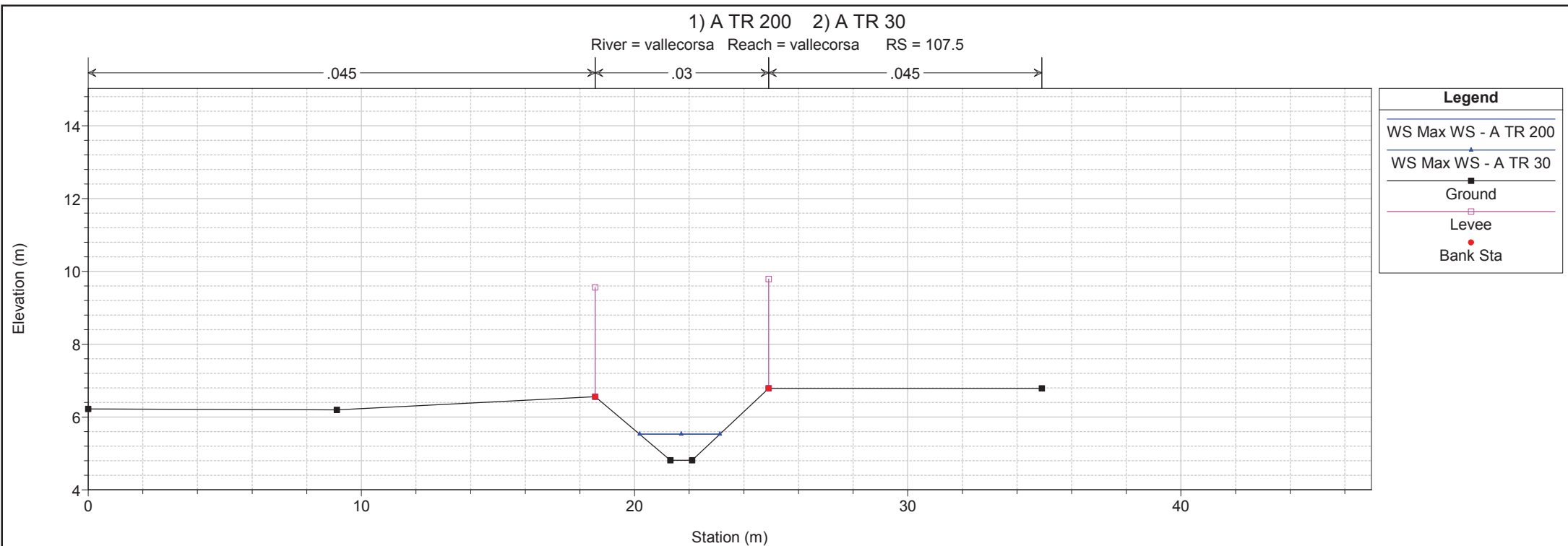
1) A TR 200 2) A TR 30
 River = vallecorsa Reach = vallecorsa RS = 108.5 BR



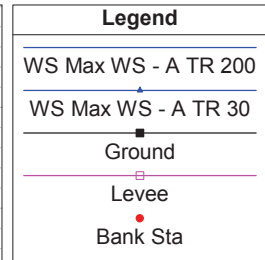
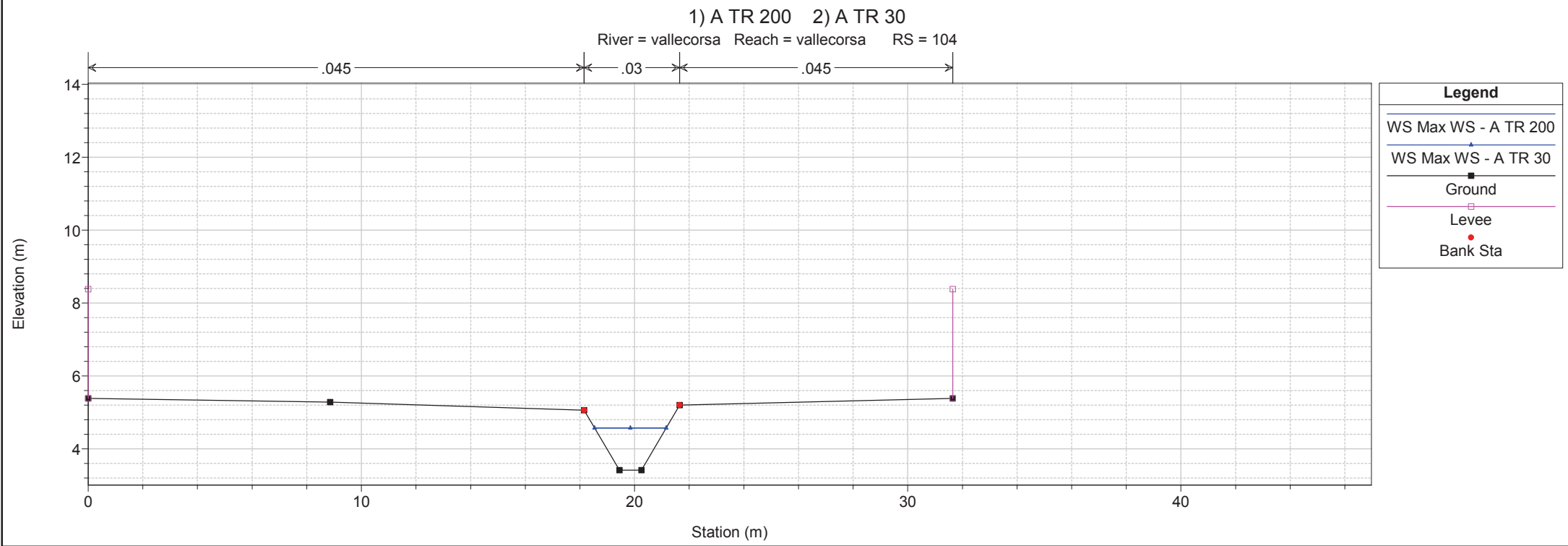
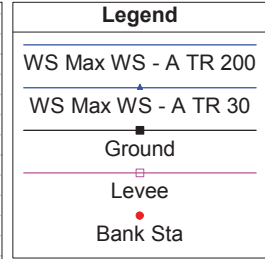
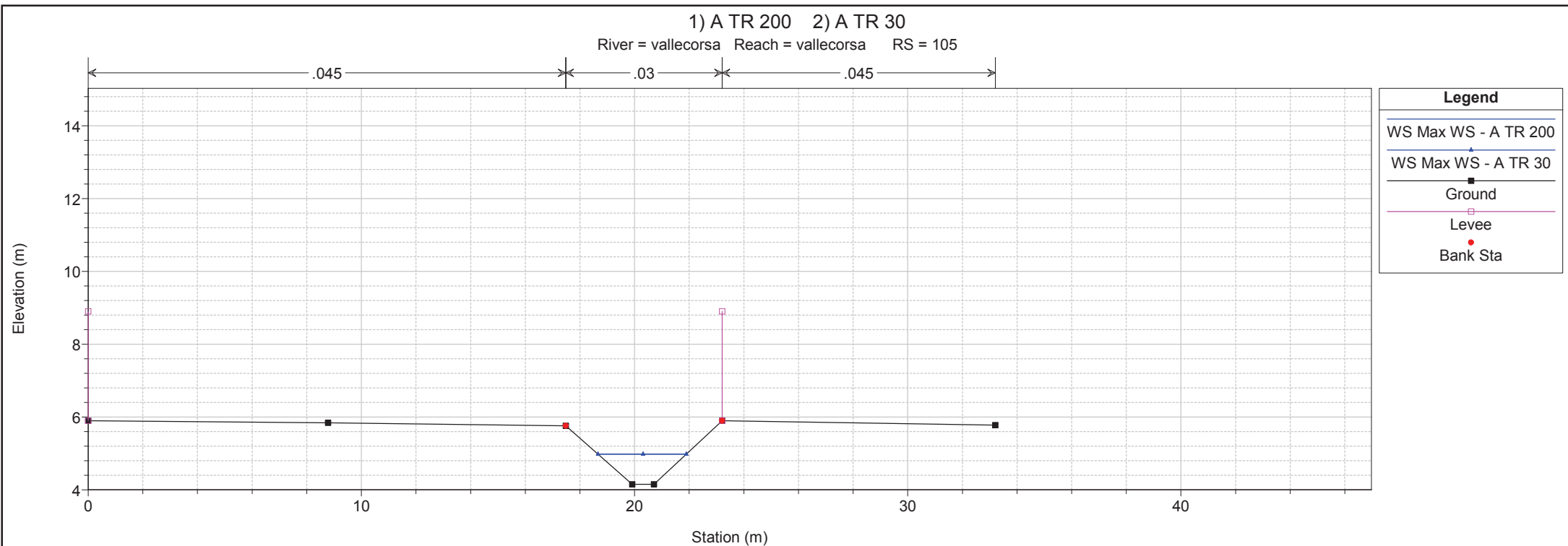
1) A TR 200 2) A TR 30
 River = vallecorsa Reach = vallecorsa RS = 108 Sez. 1v



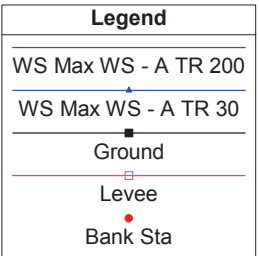
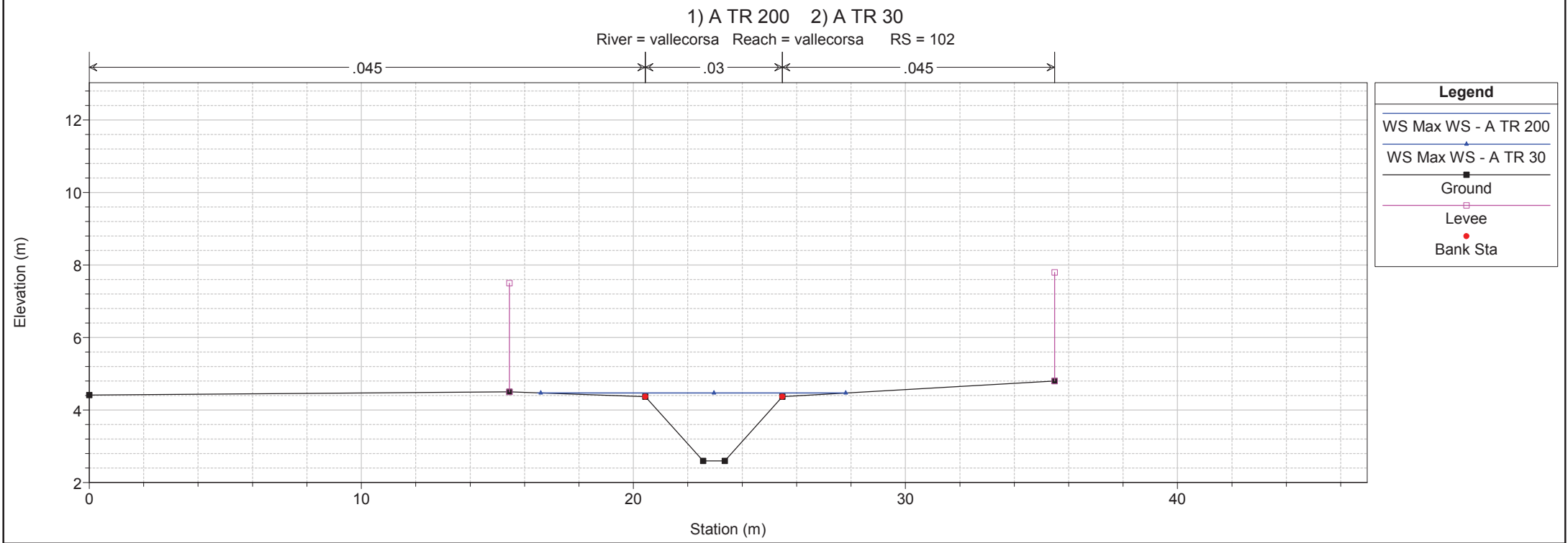
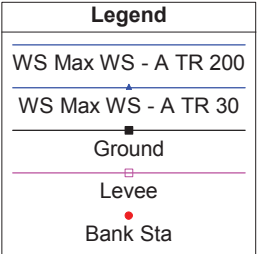
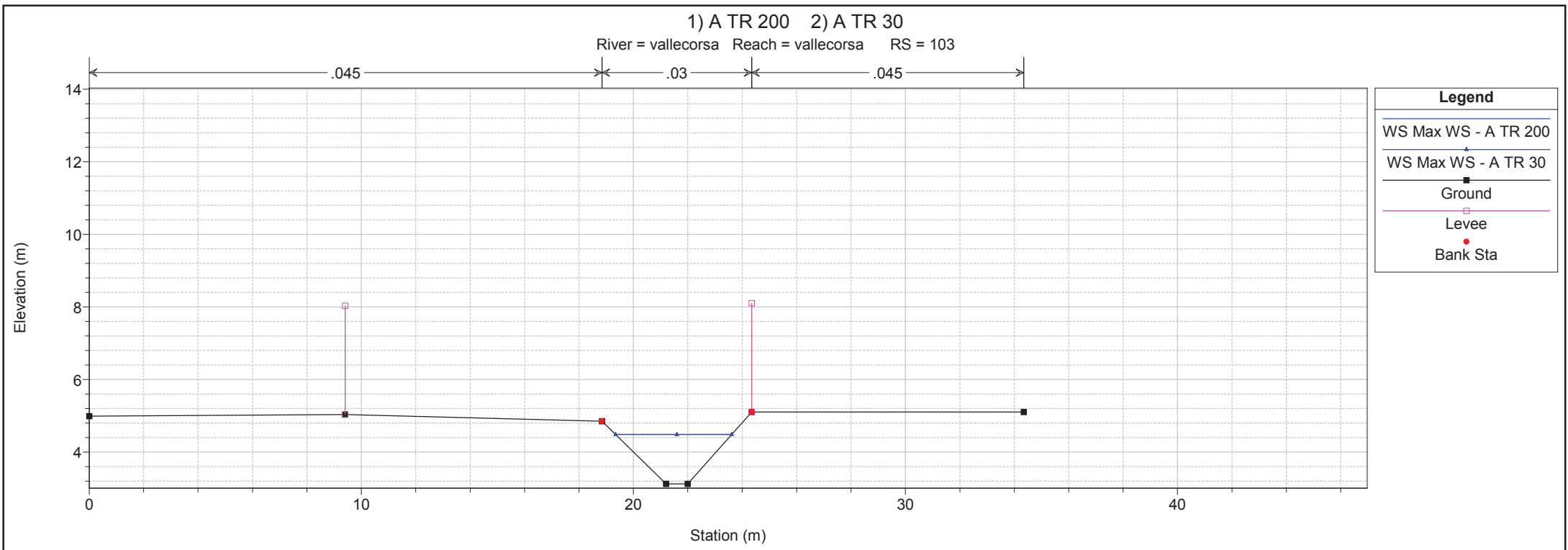
1 cm Horiz. = 2 m 1 cm Vert. = 1.5 m



1 cm Horiz. = 2 m 1 cm Vert. = 1.5 m

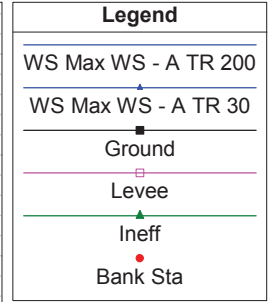
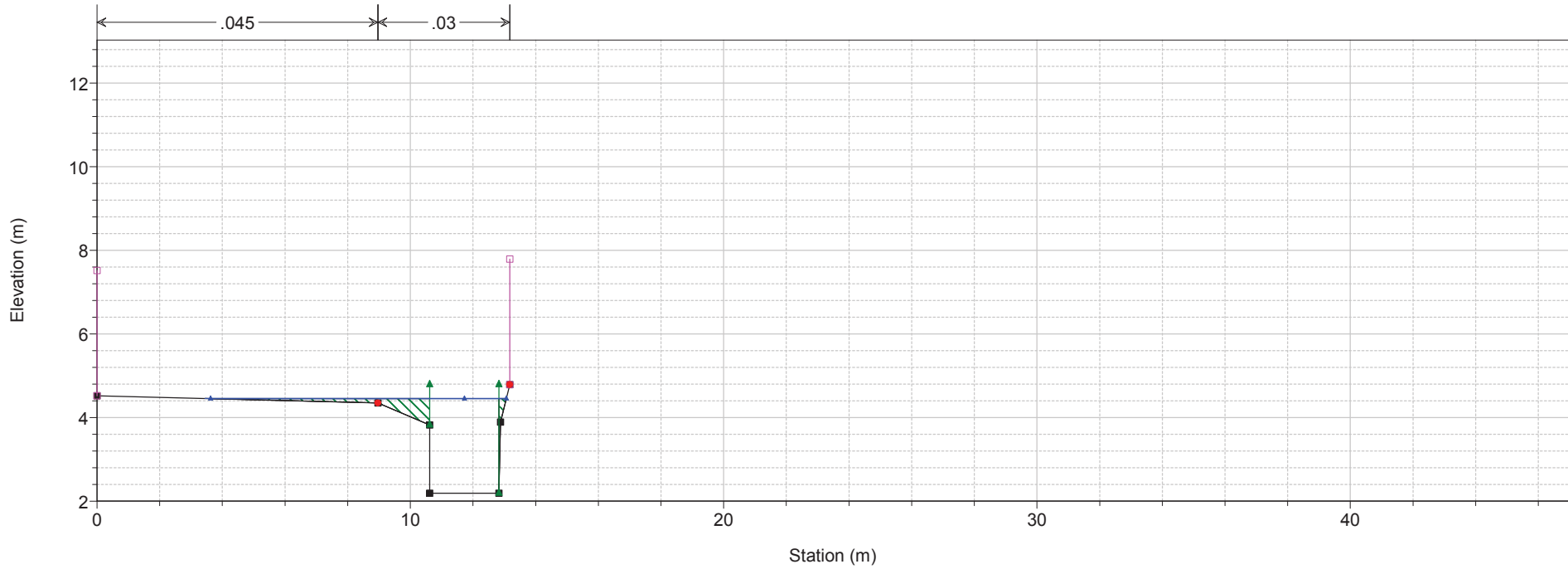


1 cm Horiz. = 2 m 1 cm Vert. = 1.5 m

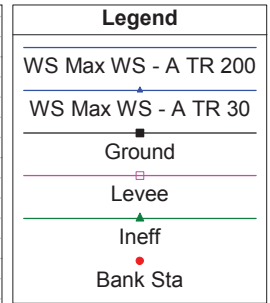
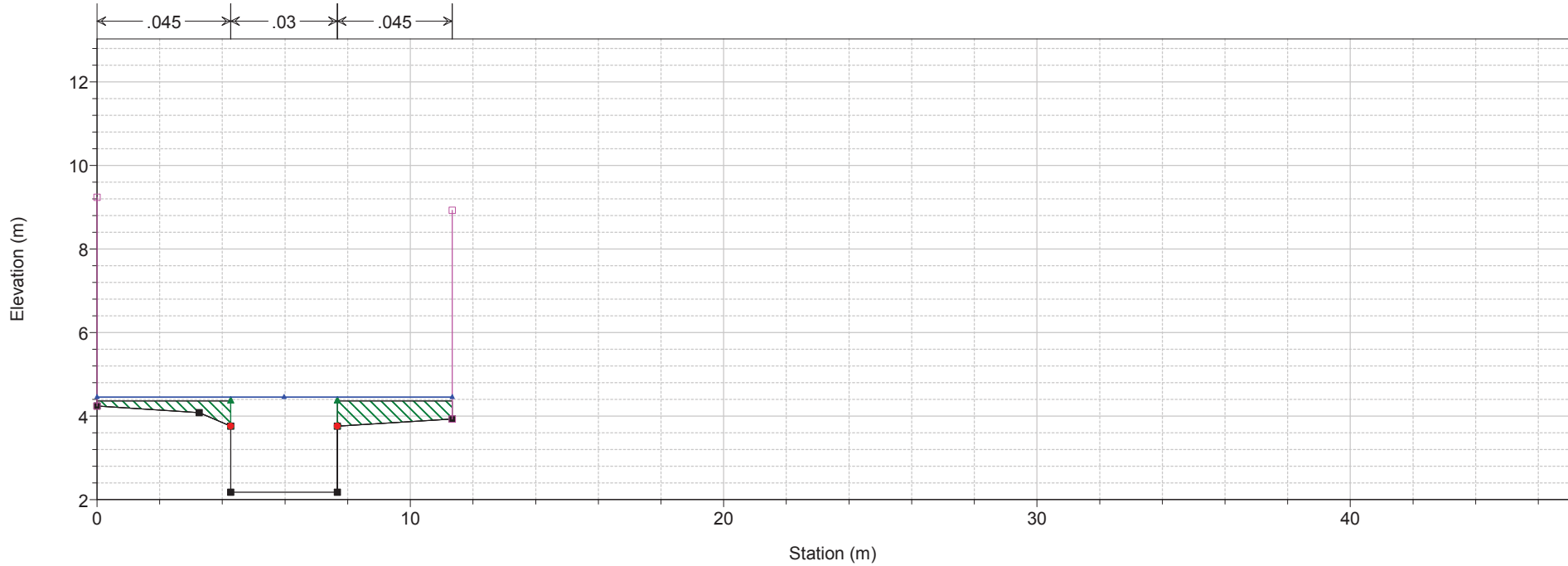


1 cm Horiz. = 2 m 1 cm Vert. = 1.5 m

1) A TR 200 2) A TR 30
 River = vallecorsa Reach = vallecorsa RS = 101.2

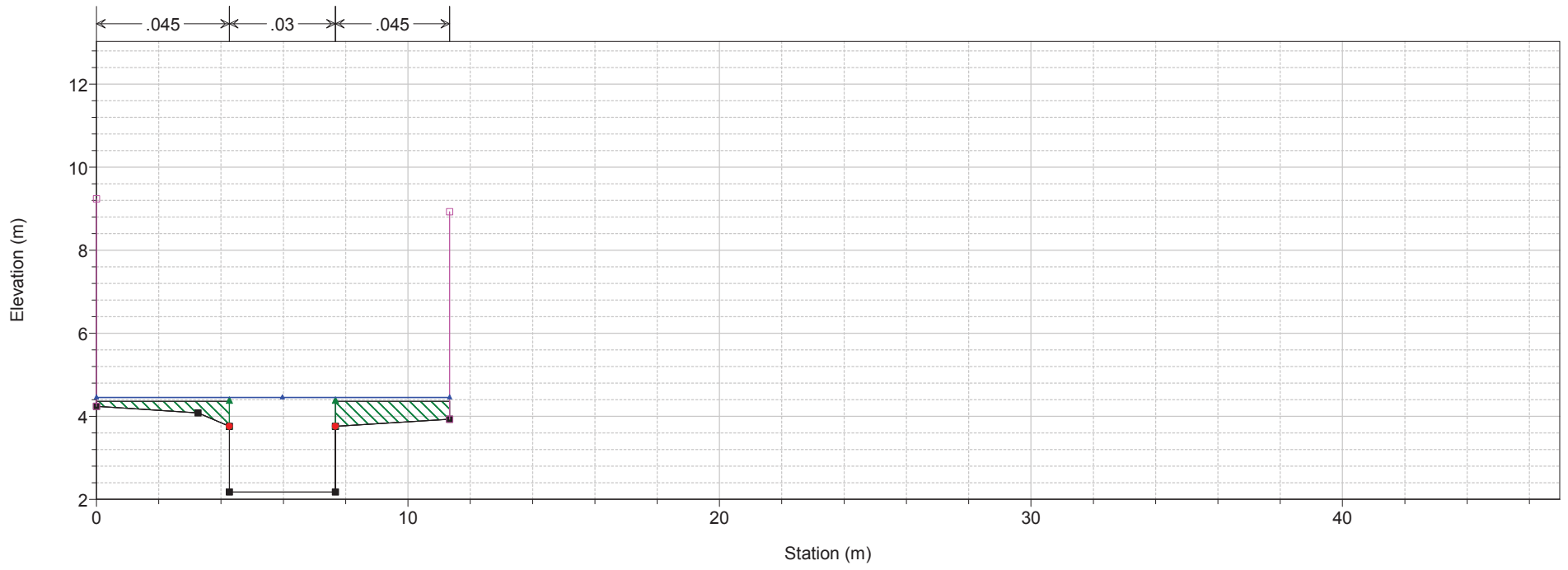


1) A TR 200 2) A TR 30
 River = vallecorsa Reach = valle RS = 101



1 cm Horiz. = 2 m 1 cm Vert. = 1.5 m

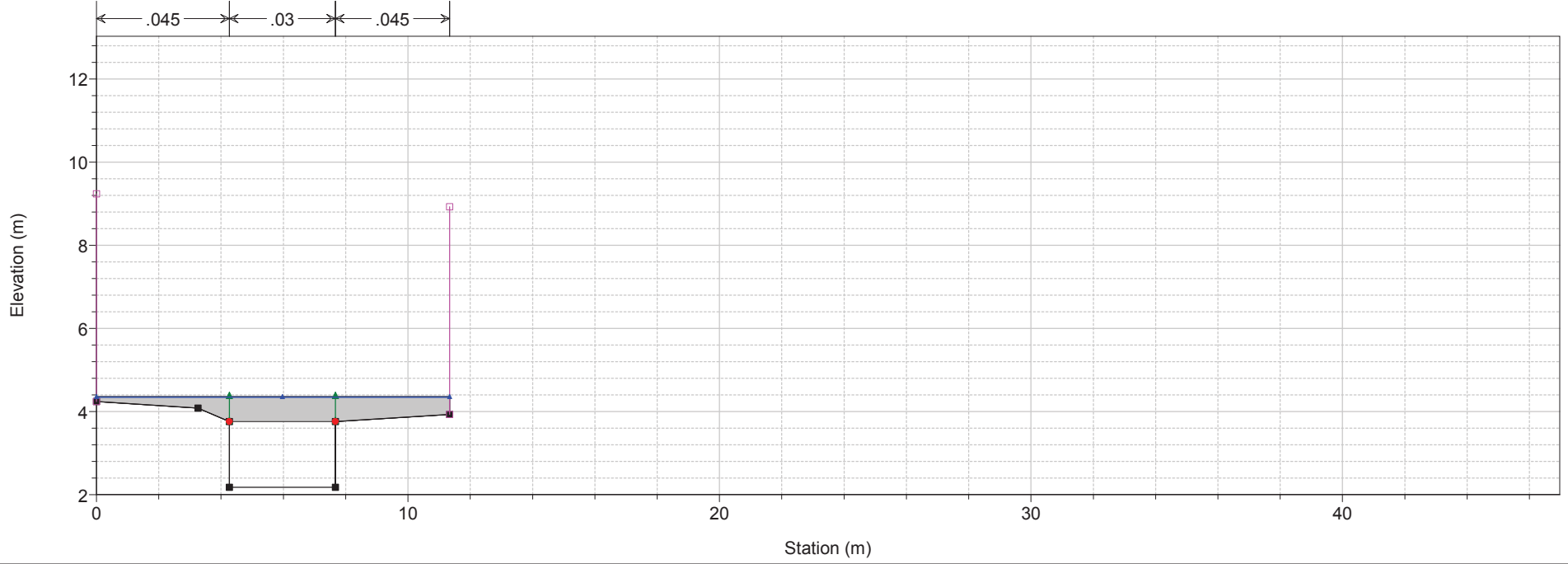
1) A TR 200 2) A TR 30
 River = vallecorsa Reach = valle RS = 100.7



Legend

- WS Max WS - A TR 200
- WS Max WS - A TR 30
- Ground
- Levee
- Ineff
- Bank Sta

1) A TR 200 2) A TR 30
 River = vallecorsa Reach = valle RS = 100.5 BR

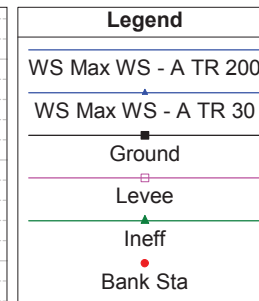
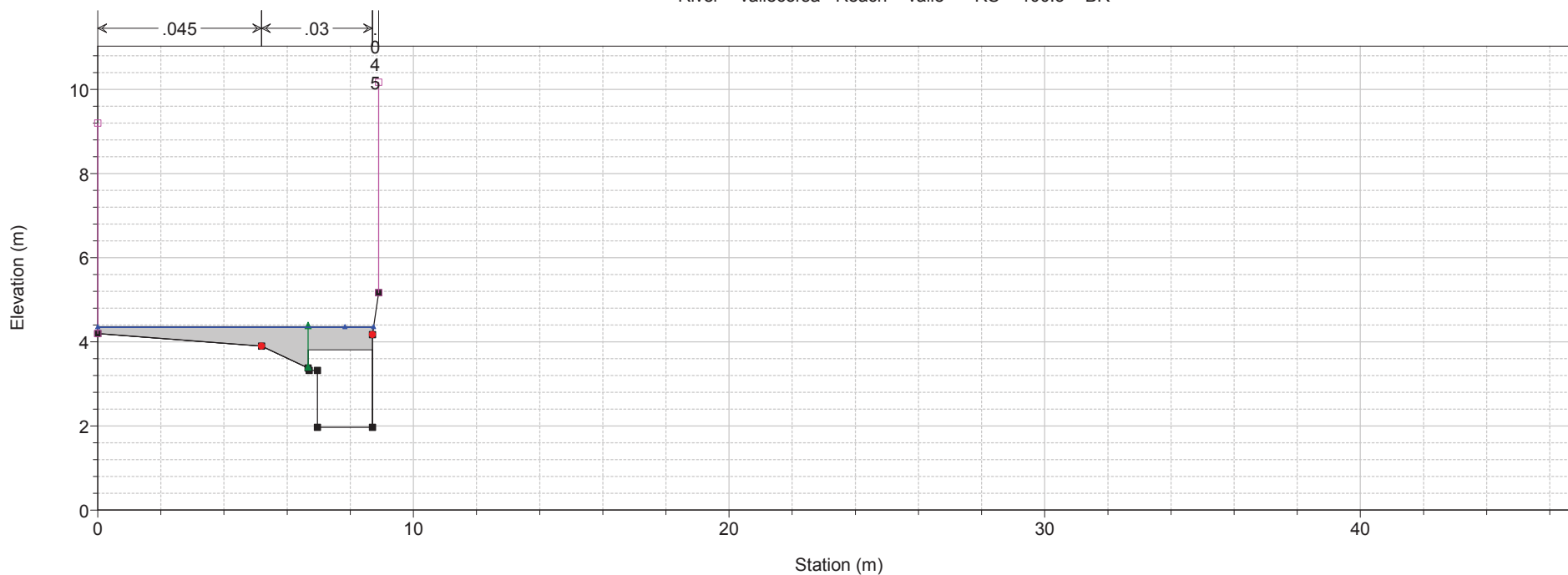


Legend

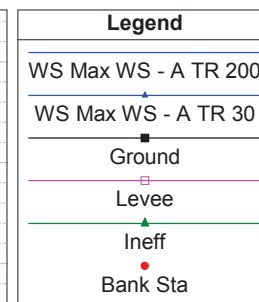
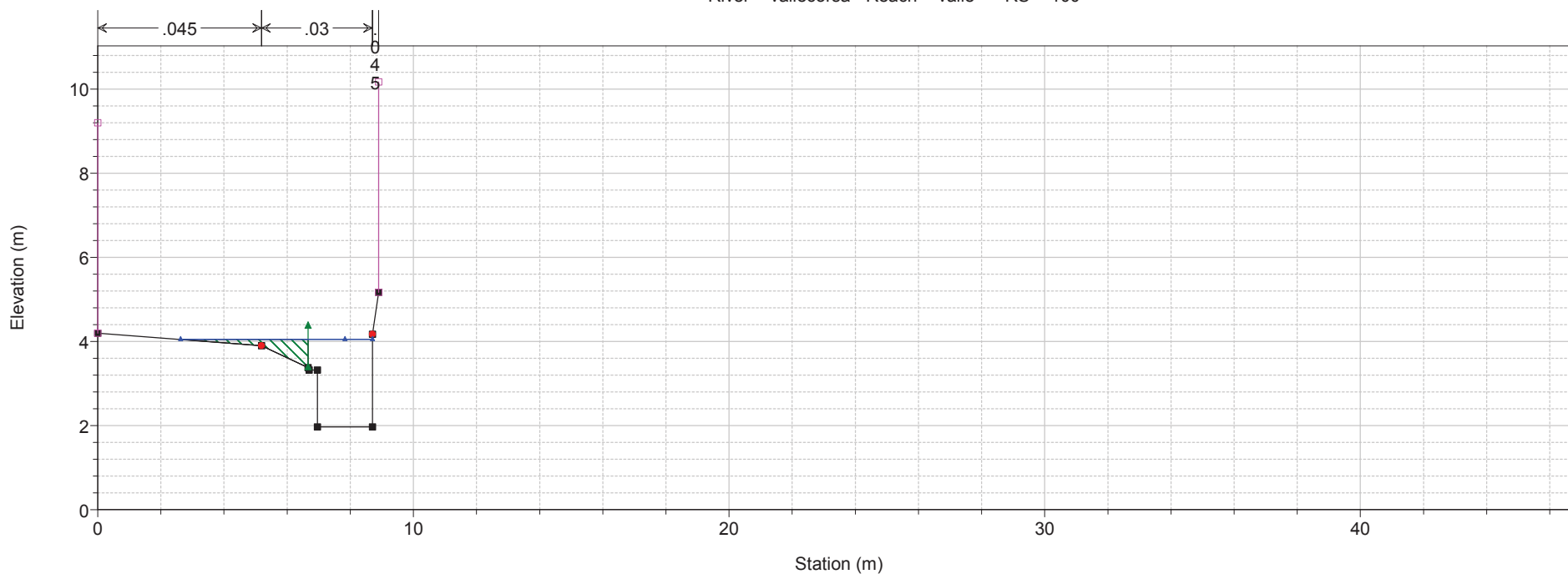
- WS Max WS - A TR 200
- WS Max WS - A TR 30
- Ground
- Levee
- Ineff
- Bank Sta

1 cm Horiz. = 2 m 1 cm Vert. = 1.5 m

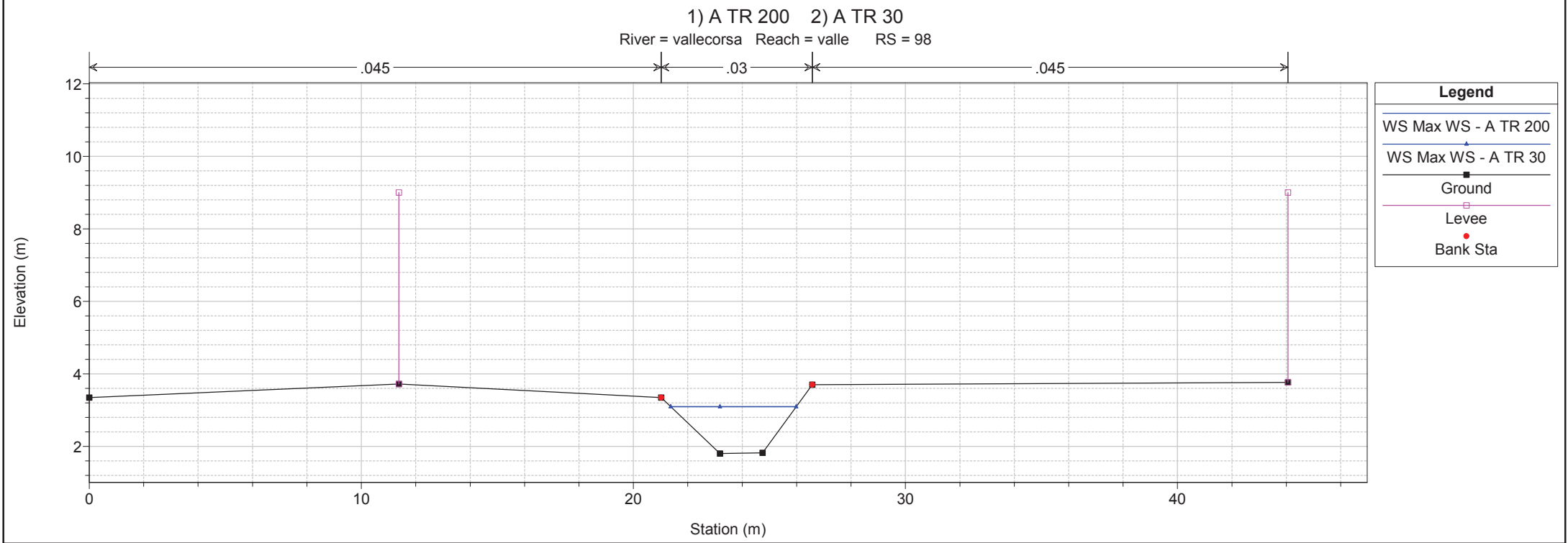
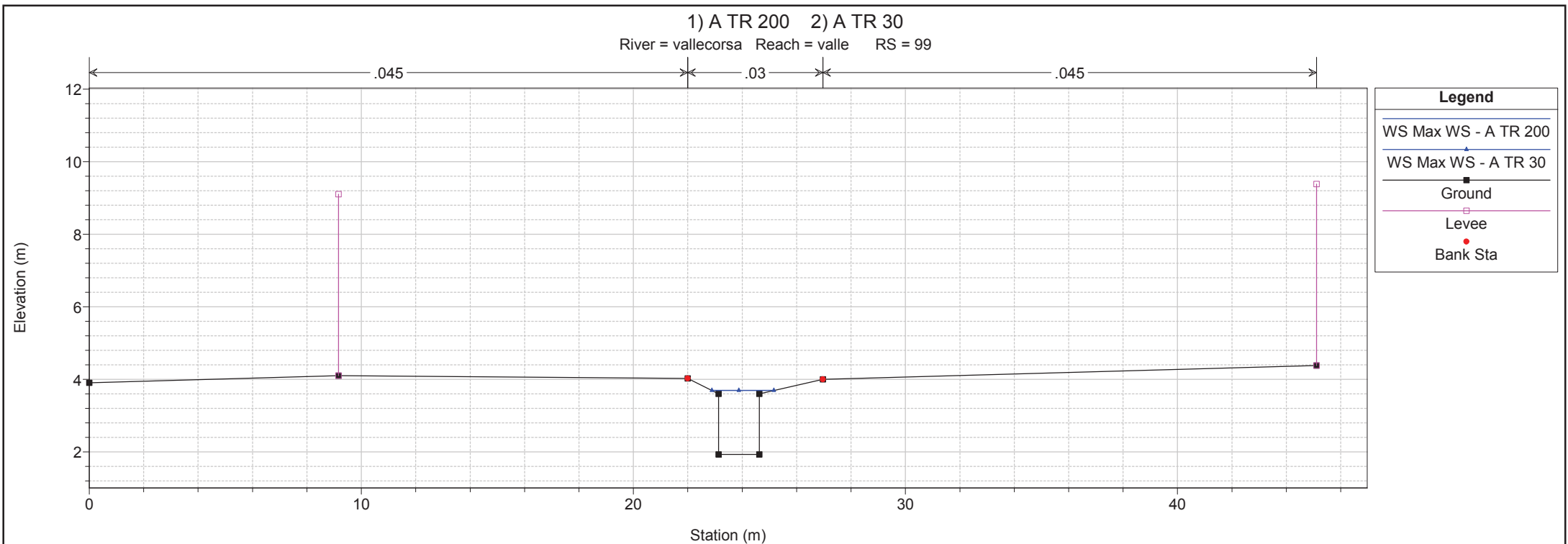
1) A TR 200 2) A TR 30
 River = vallecorsa Reach = valle RS = 100.5 BR



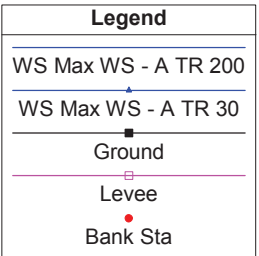
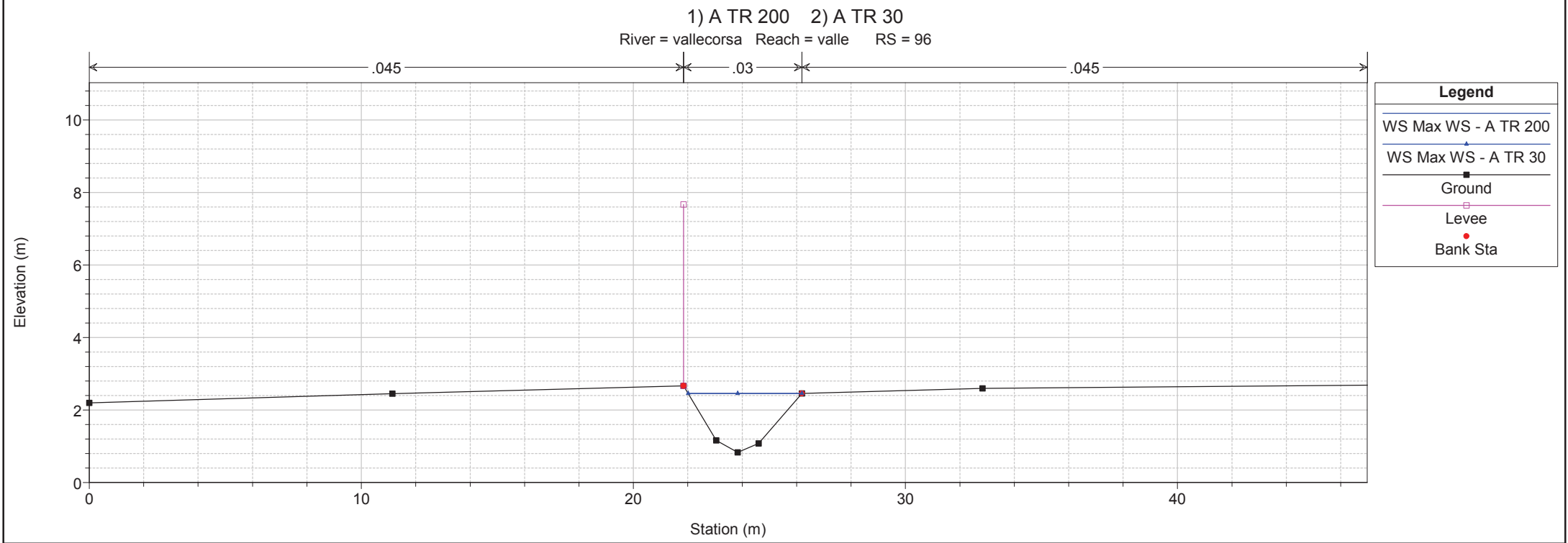
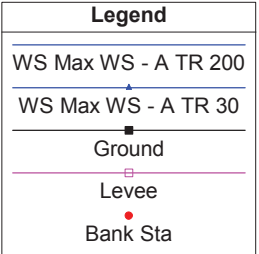
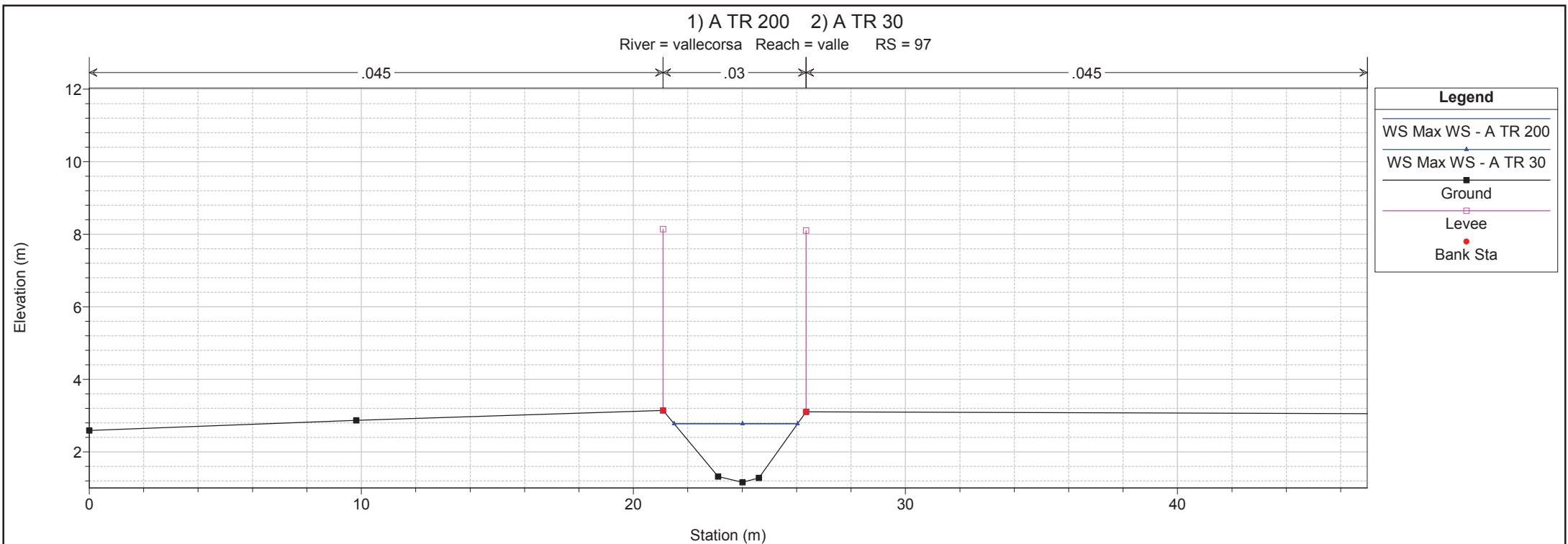
1) A TR 200 2) A TR 30
 River = vallecorsa Reach = valle RS = 100



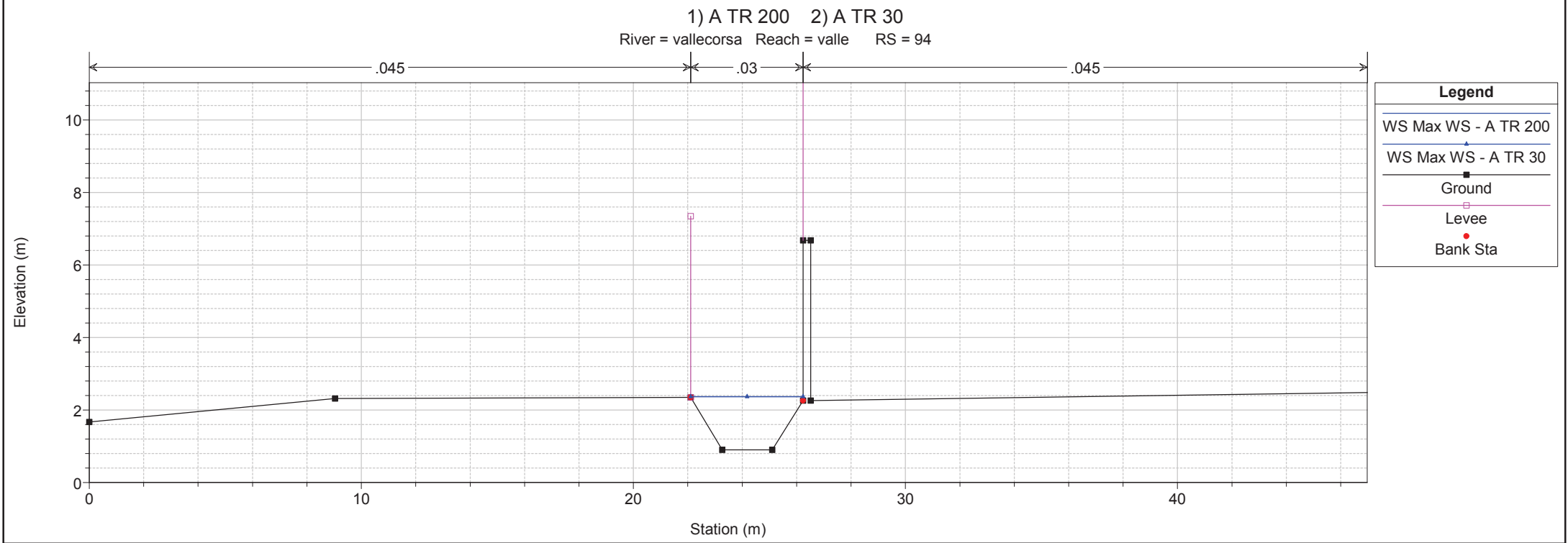
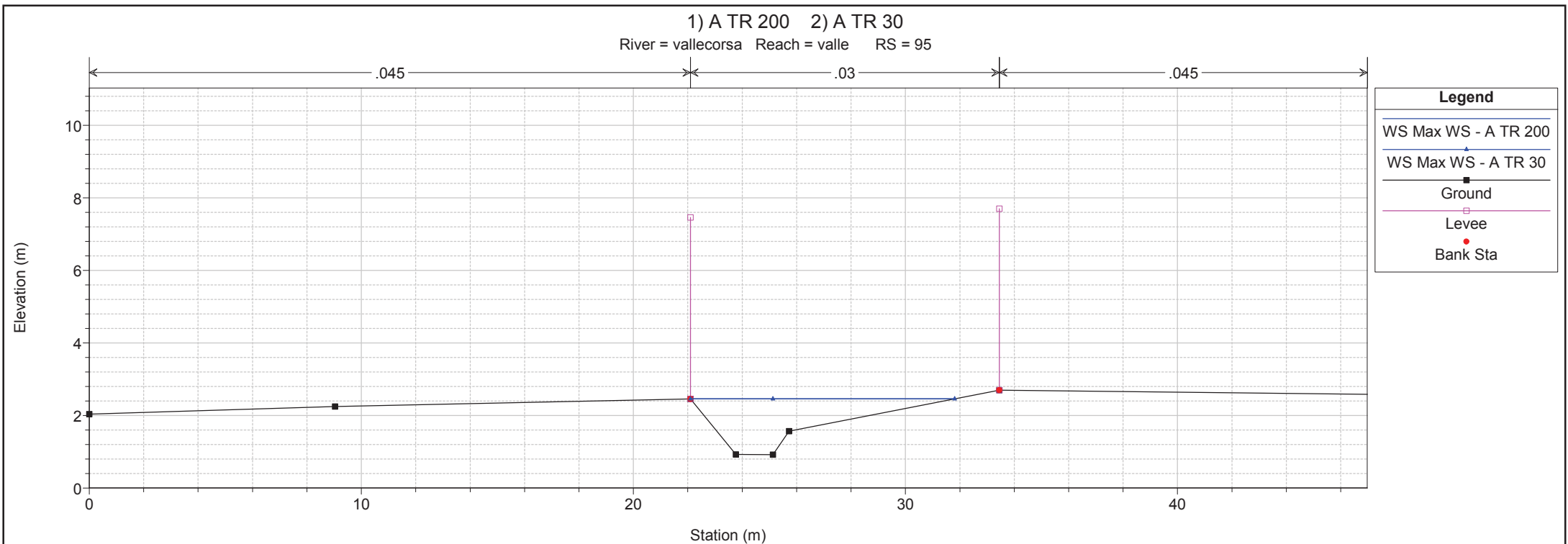
1 cm Horiz. = 2 m 1 cm Vert. = 1.5 m



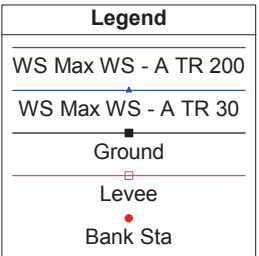
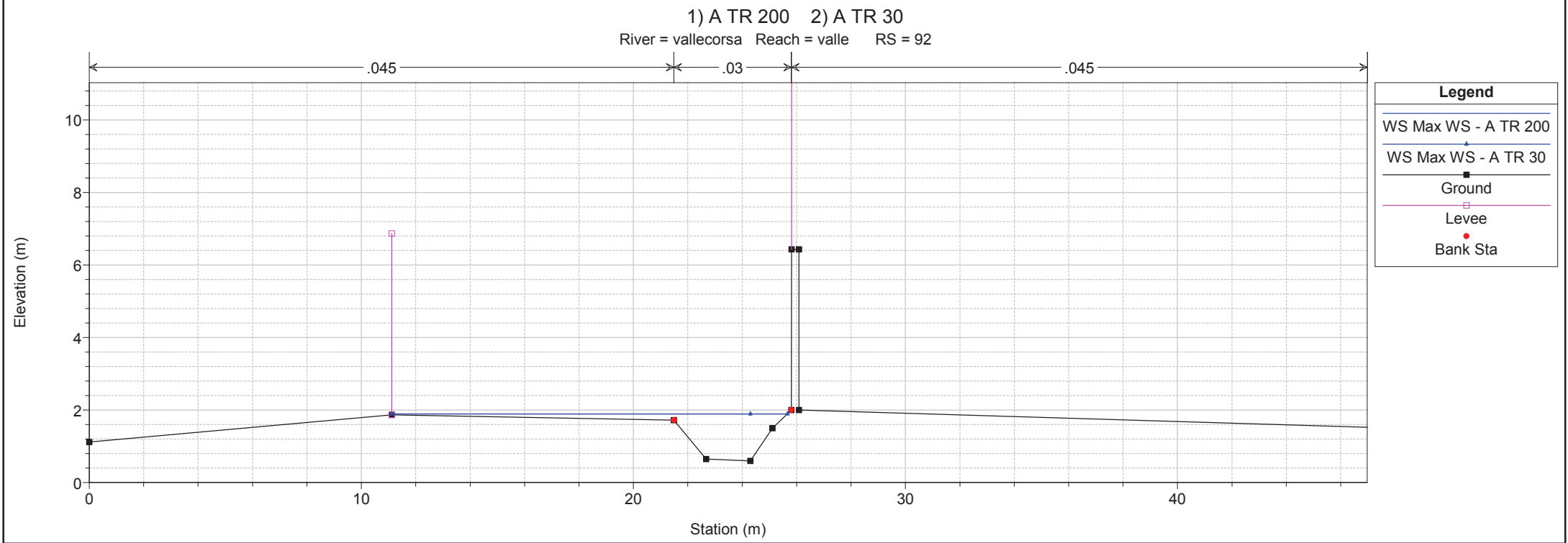
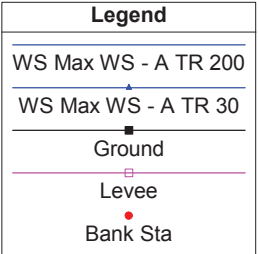
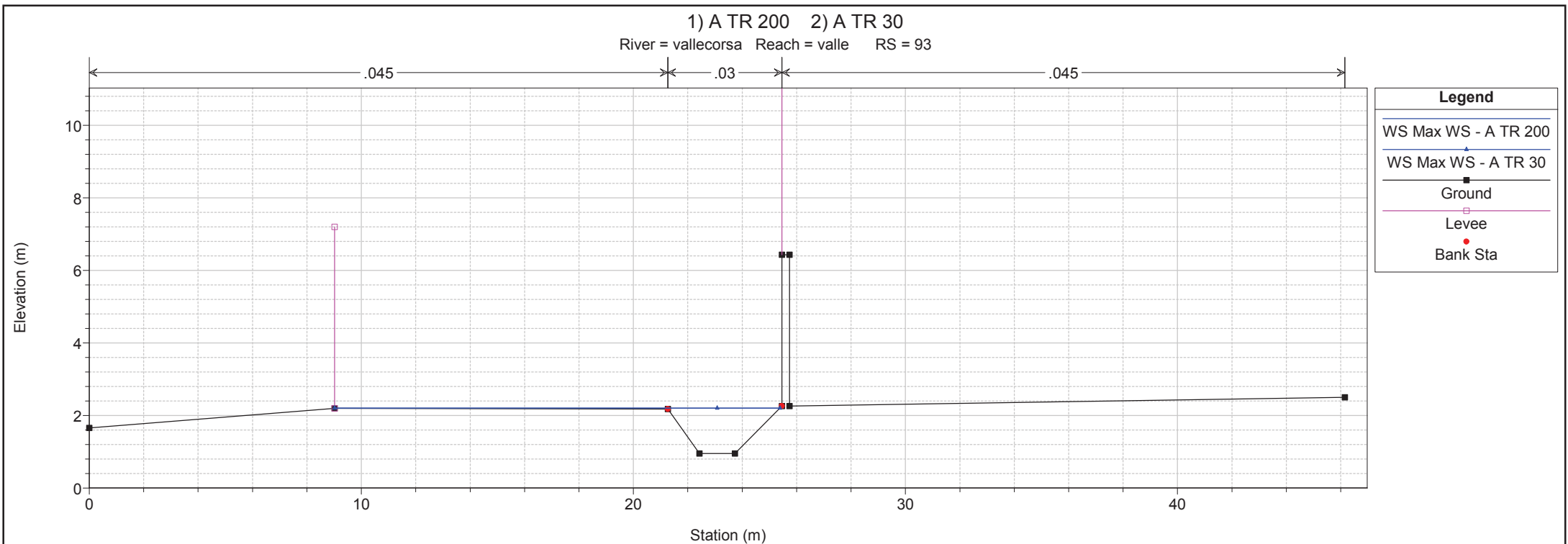
1 cm Horiz. = 2 m 1 cm Vert. = 1.5 m



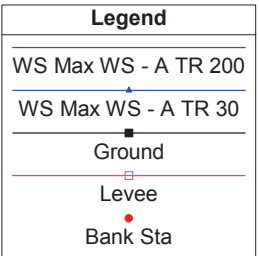
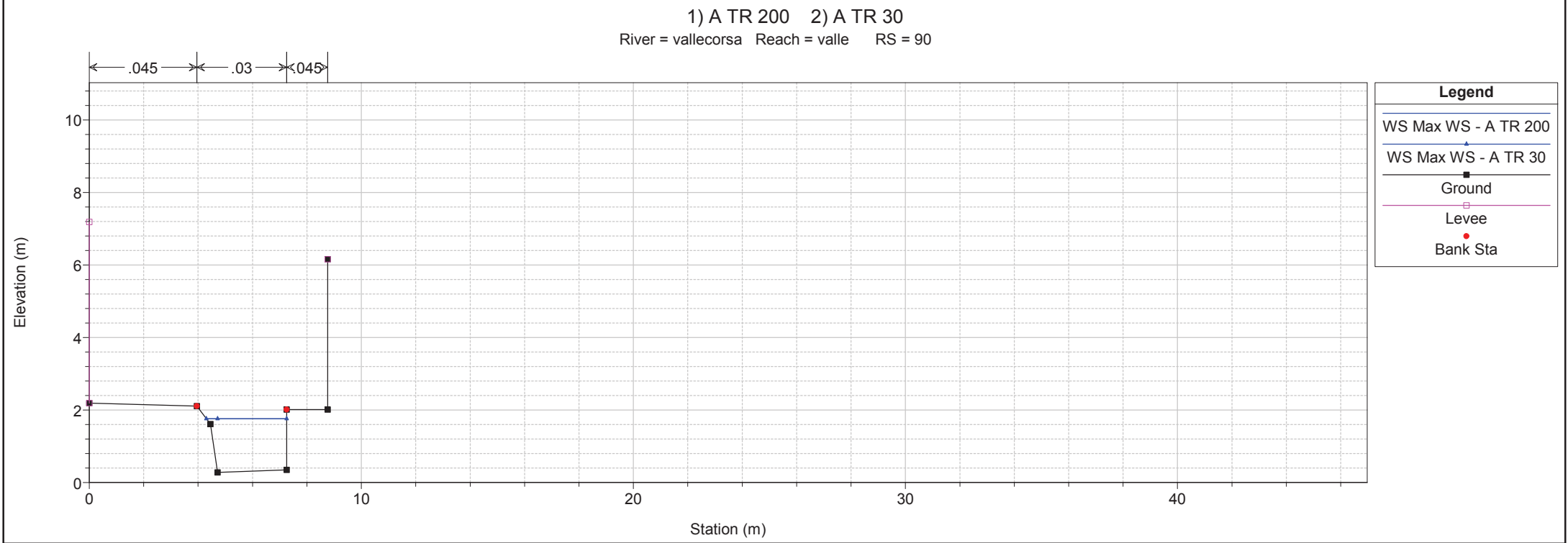
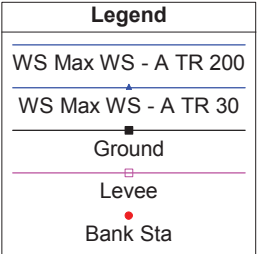
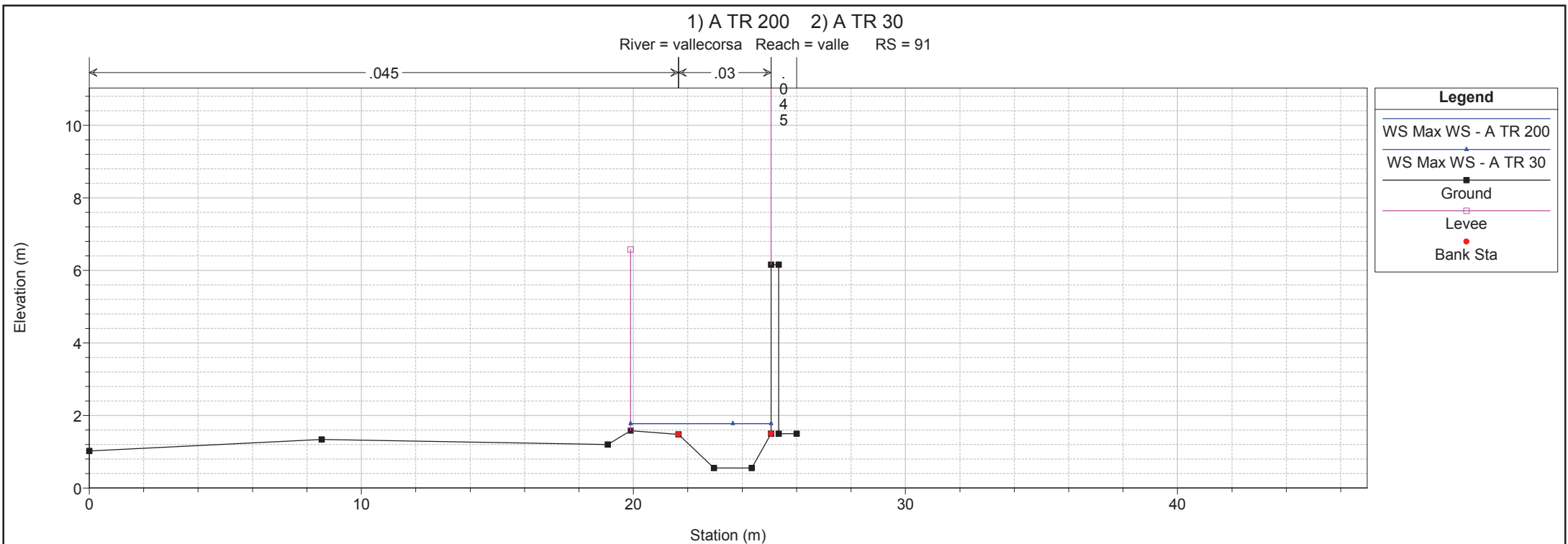
1 cm Horiz. = 2 m 1 cm Vert. = 1.5 m



1 cm Horiz. = 2 m 1 cm Vert. = 1.5 m

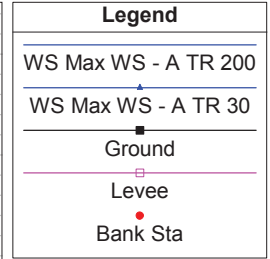
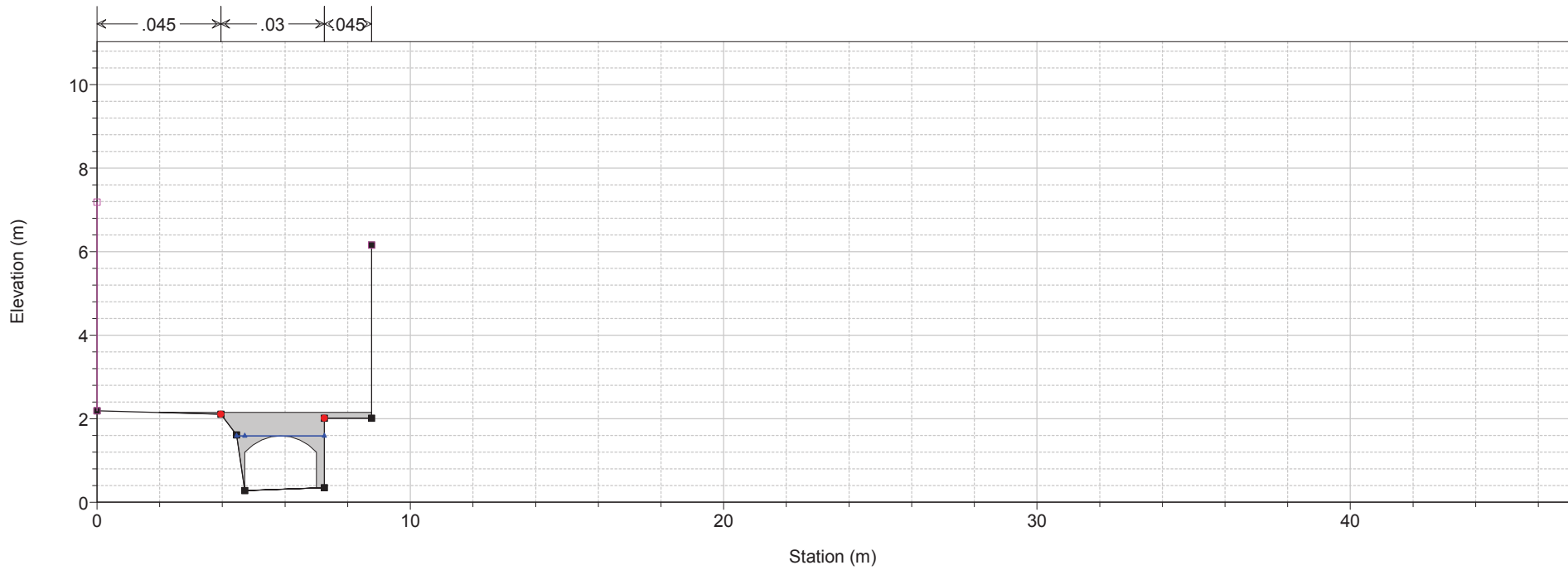


1 cm Horiz. = 2 m 1 cm Vert. = 1.5 m

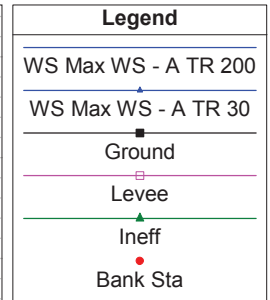
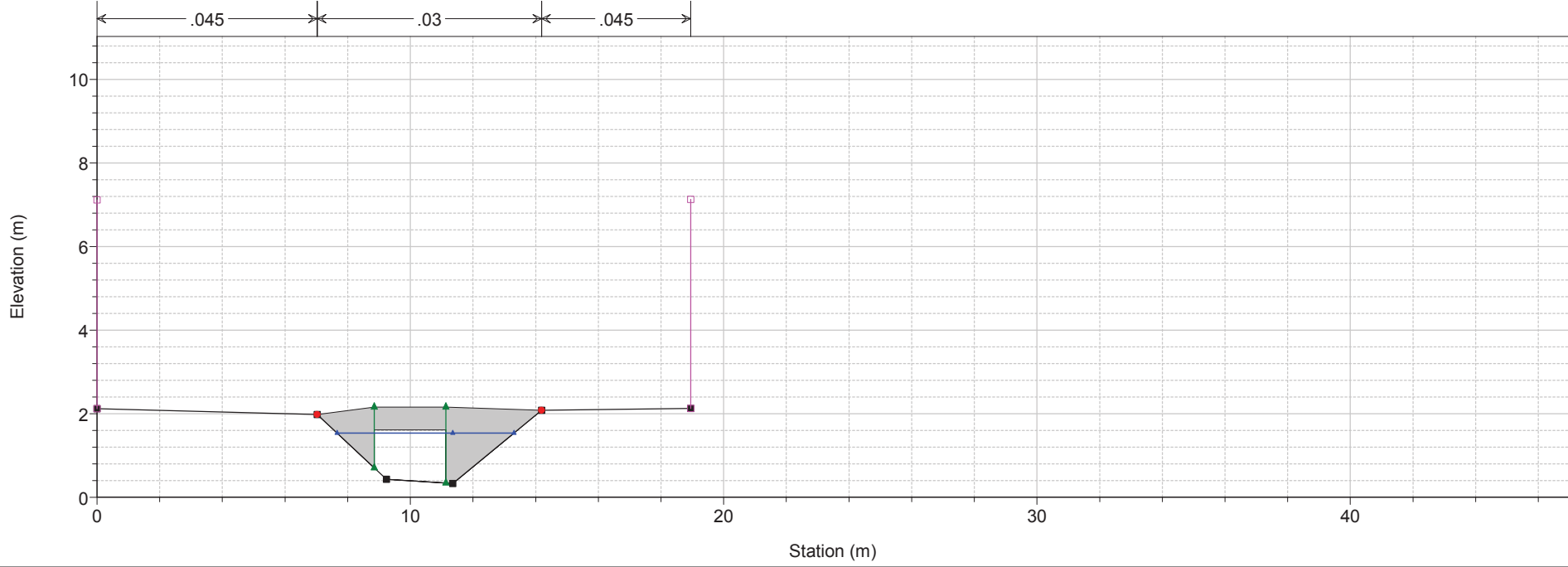


1 cm Horiz. = 2 m 1 cm Vert. = 1.5 m

1) A TR 200 2) A TR 30
 River = vallecorsa Reach = valle RS = 89.5 BR

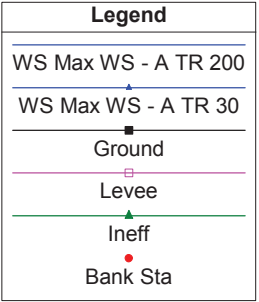
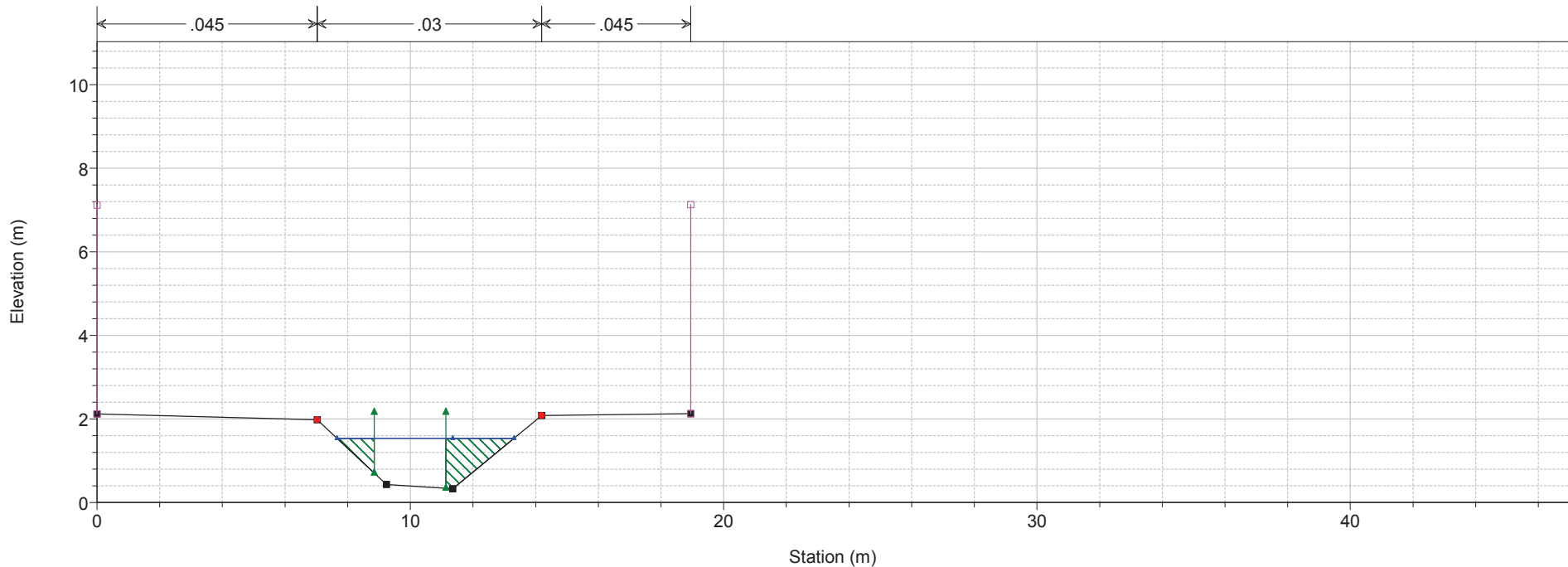


1) A TR 200 2) A TR 30
 River = vallecorsa Reach = valle RS = 89.5 BR

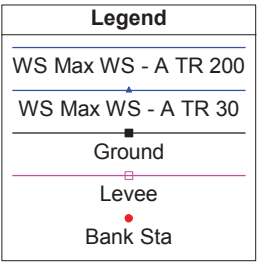
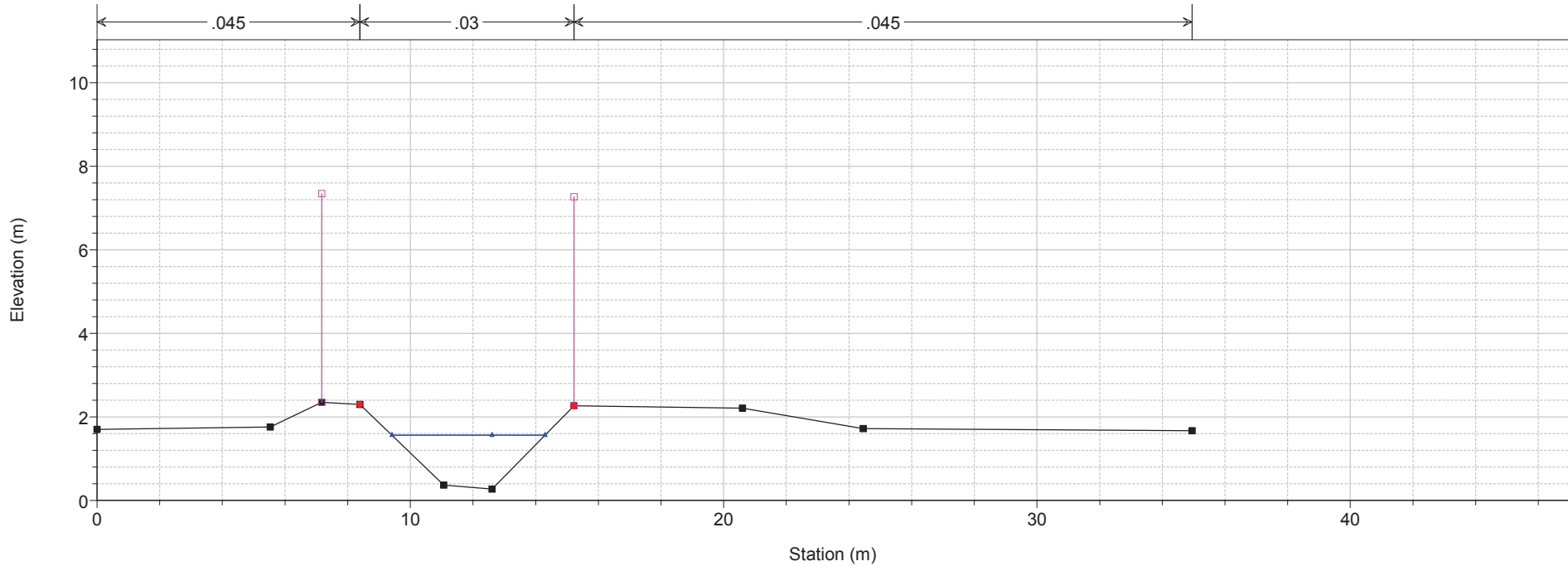


1 cm Horiz. = 2 m 1 cm Vert. = 1.5 m

1) A TR 200 2) A TR 30
 River = vallecorsa Reach = valle RS = 89

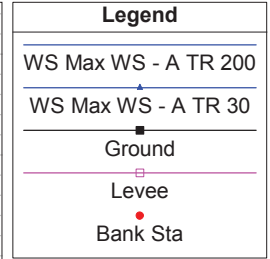
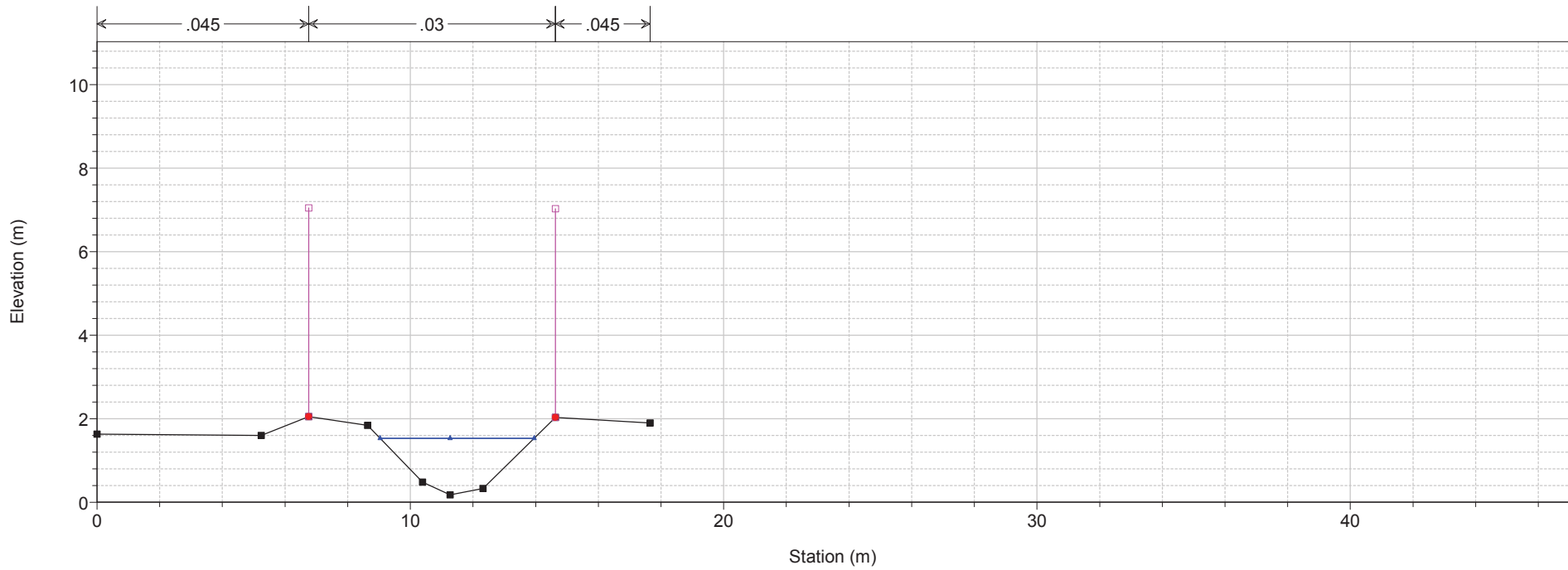


1) A TR 200 2) A TR 30
 River = vallecorsa Reach = valle RS = 88 27.64

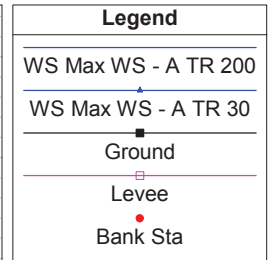
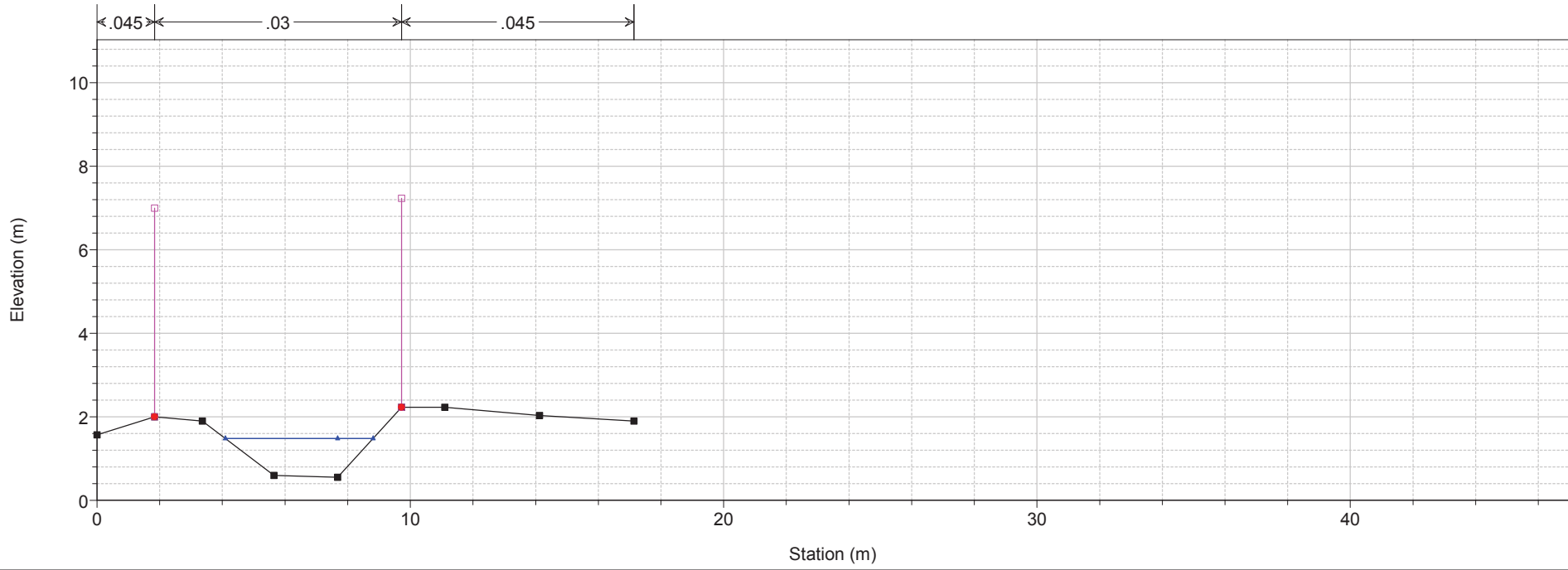


1 cm Horiz. = 2 m 1 cm Vert. = 1.5 m

1) A TR 200 2) A TR 30
 River = vallecorsa Reach = valle RS = 87

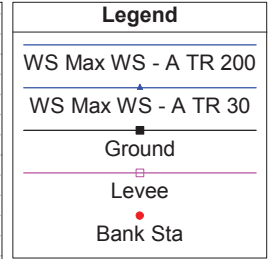
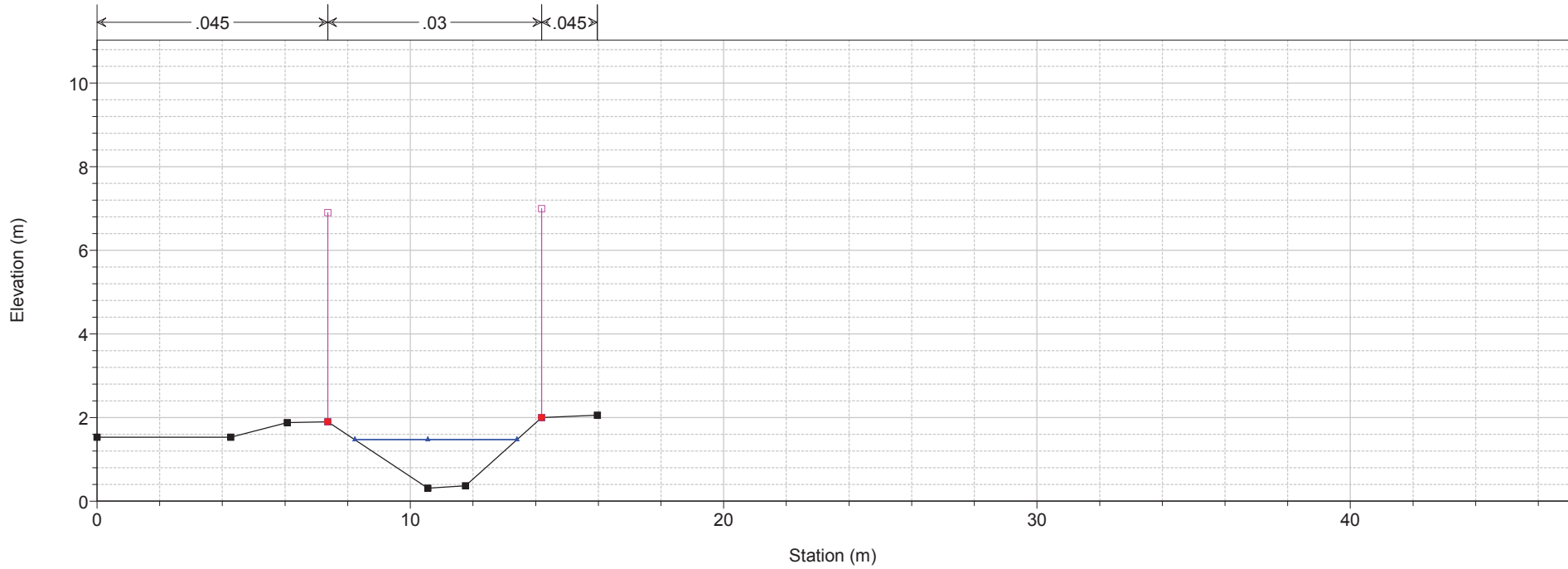


1) A TR 200 2) A TR 30
 River = vallecorsa Reach = valle RS = 86

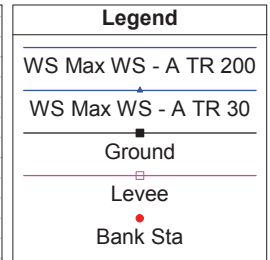
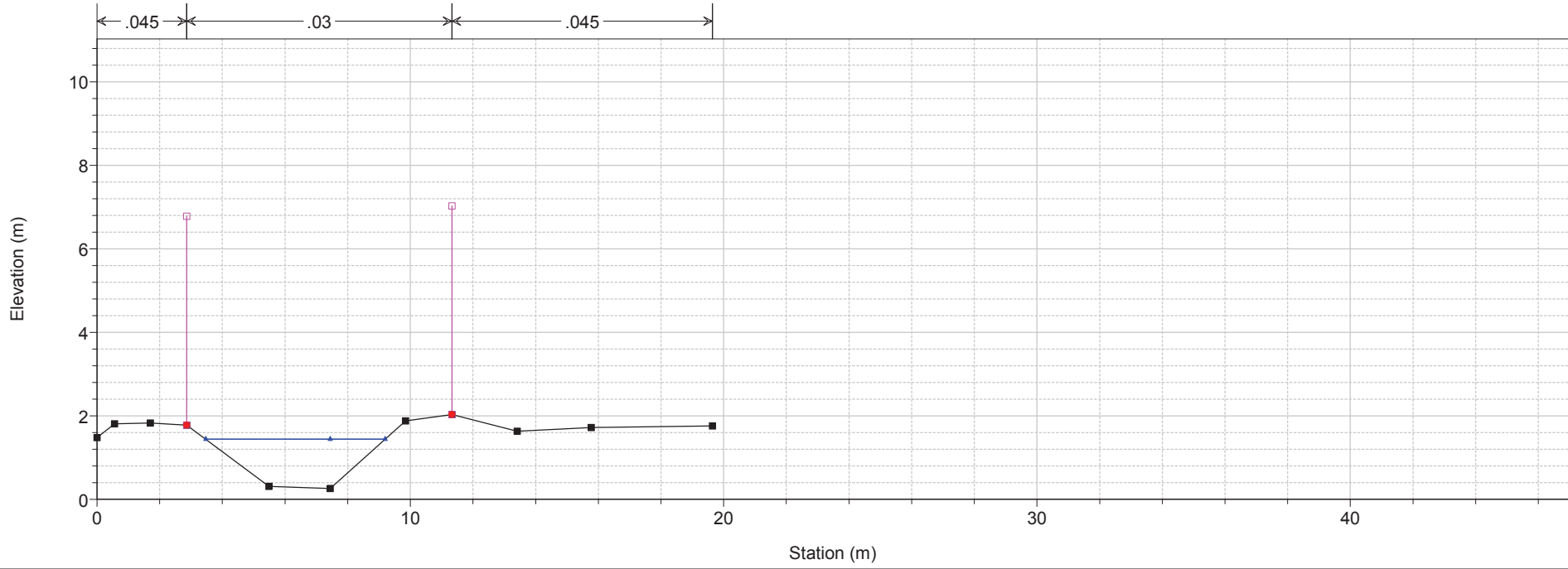


1 cm Horiz. = 2 m 1 cm Vert. = 1.5 m

1) A TR 200 2) A TR 30
 River = vallecorsa Reach = valle RS = 85

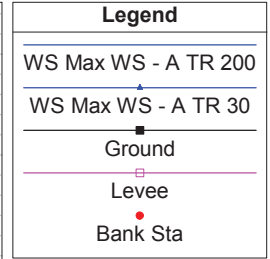
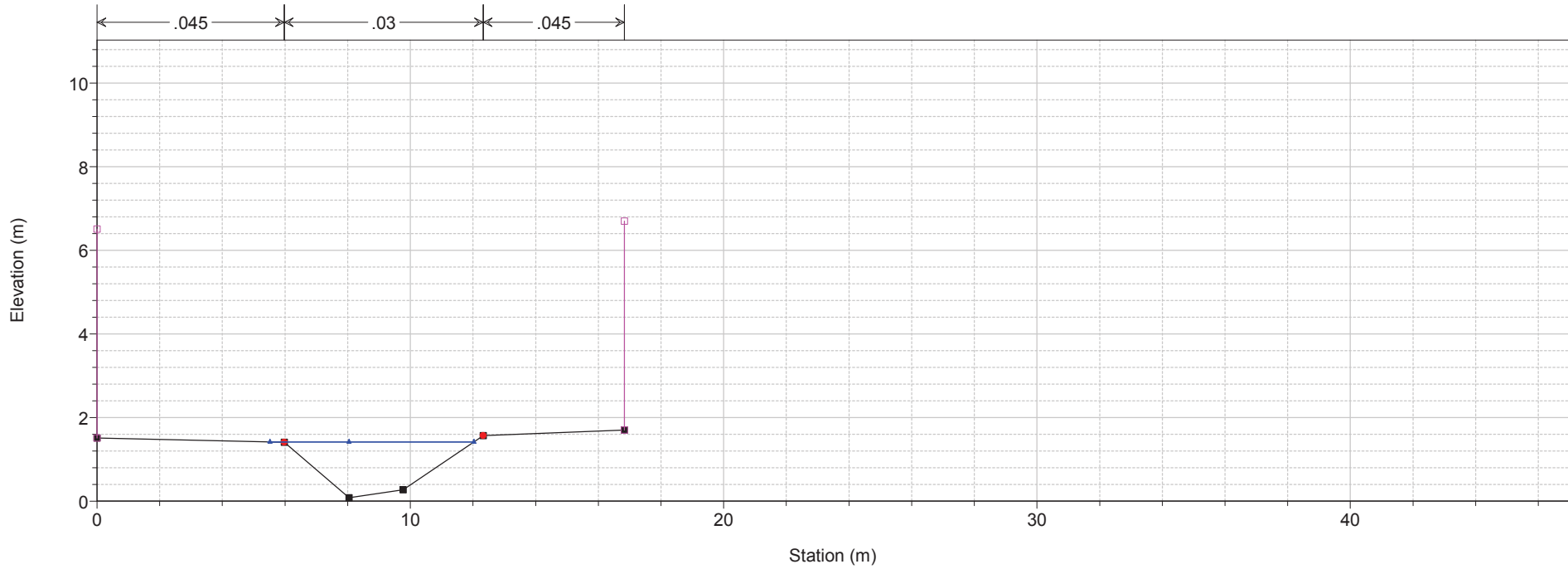


1) A TR 200 2) A TR 30
 River = vallecorsa Reach = valle RS = 84

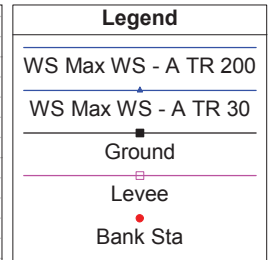
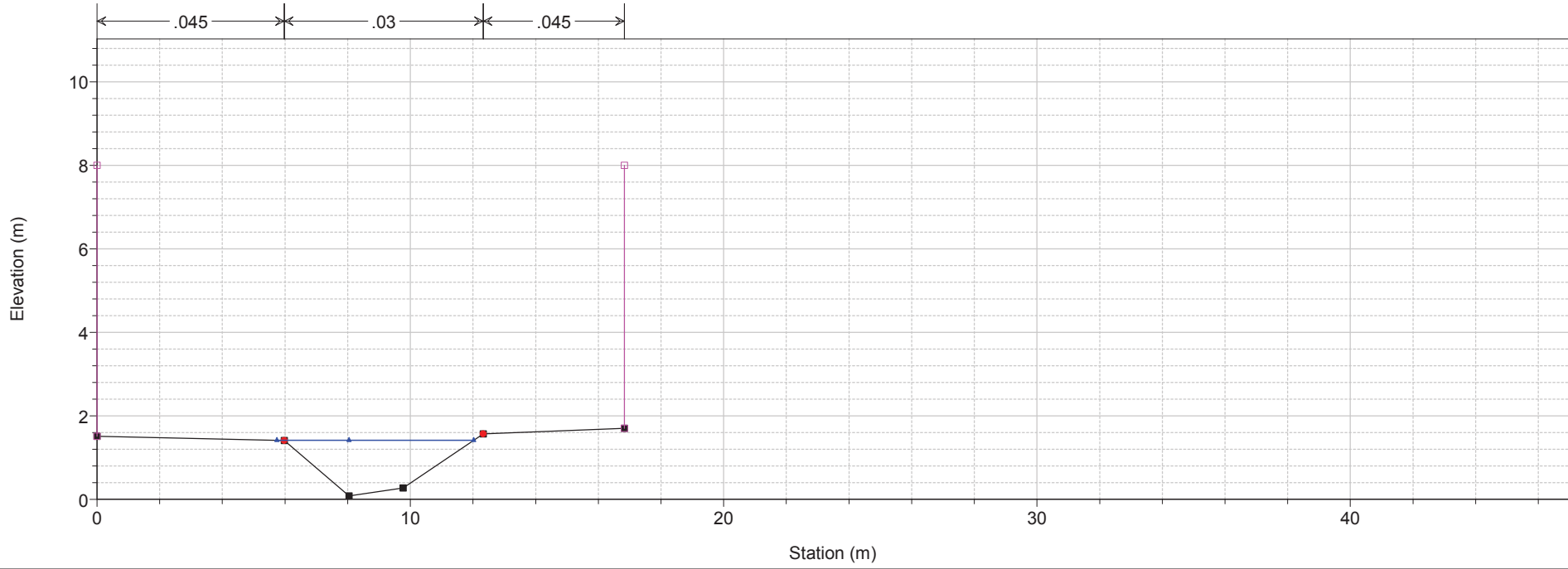


1 cm Horiz. = 2 m 1 cm Vert. = 1.5 m

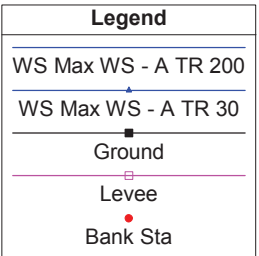
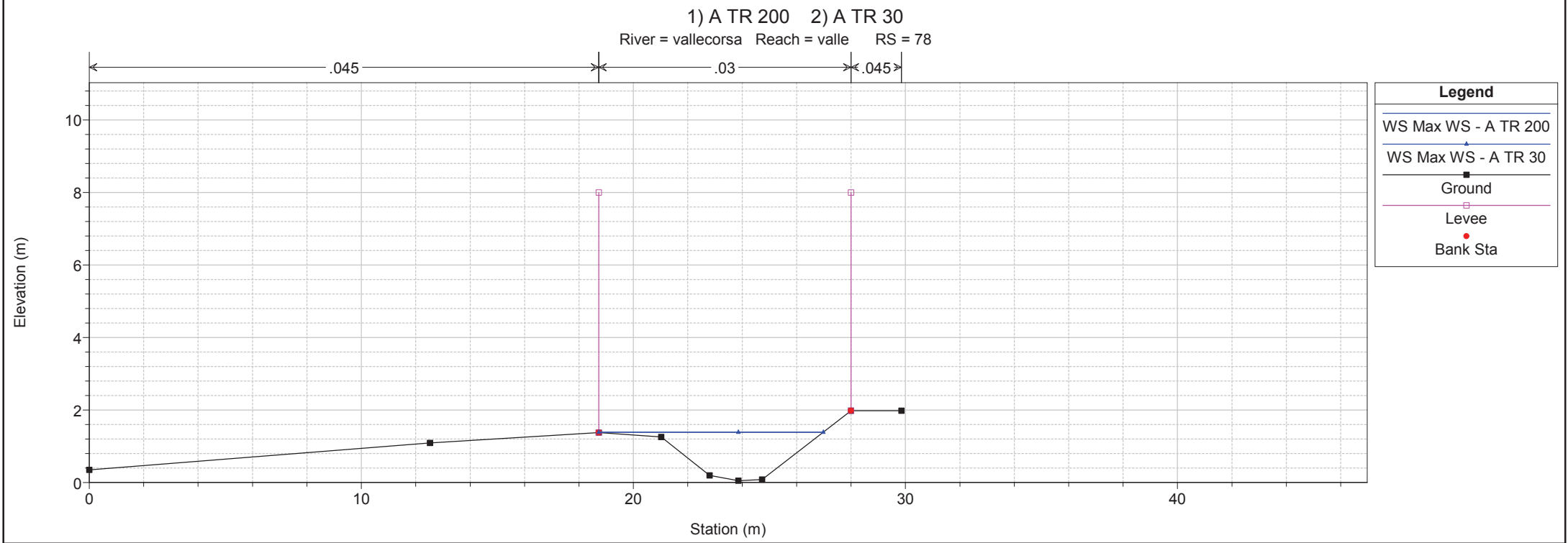
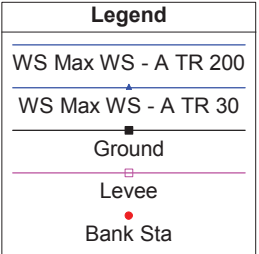
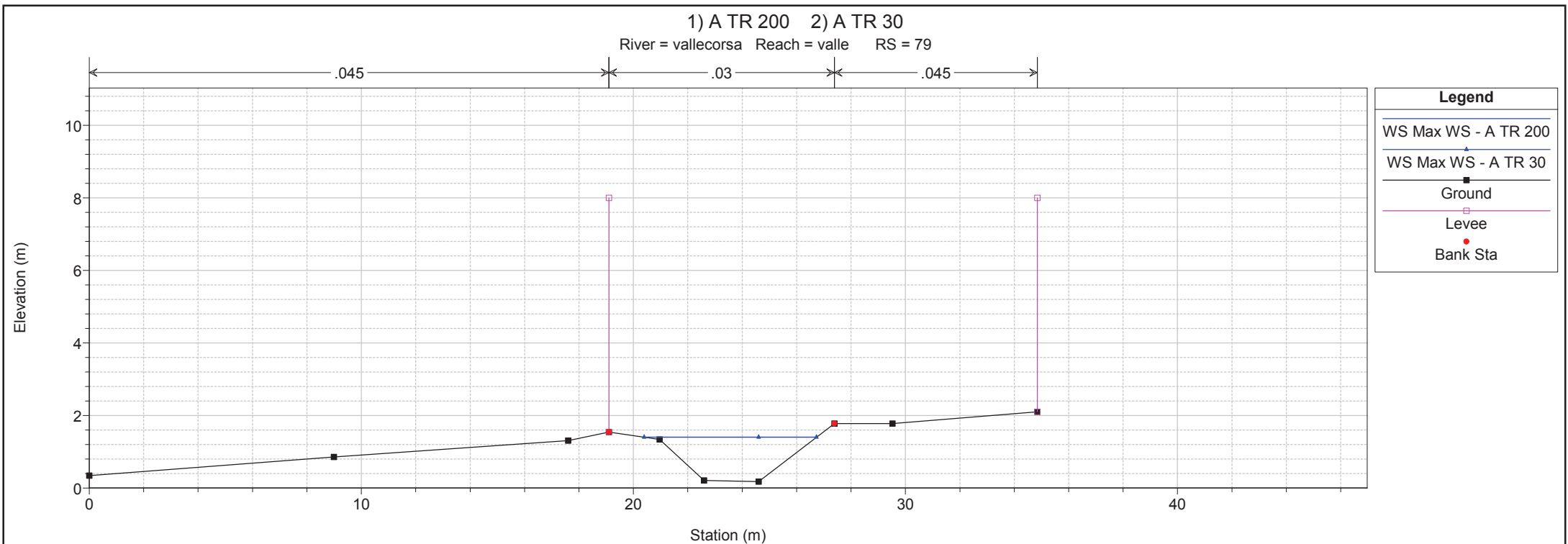
1) A TR 200 2) A TR 30
River = vallecorsa Reach = valle RS = 83



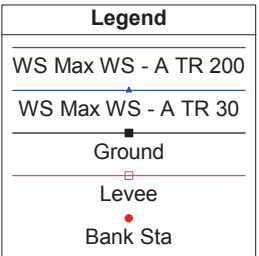
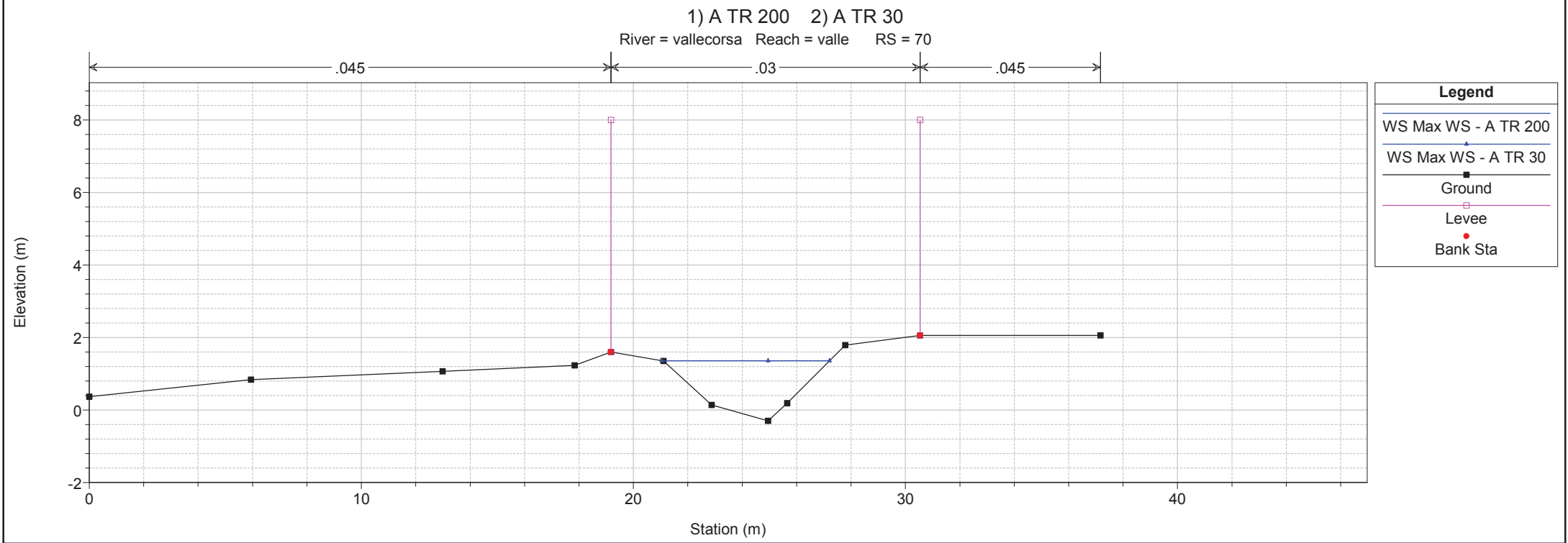
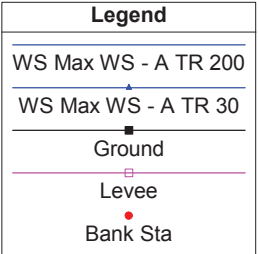
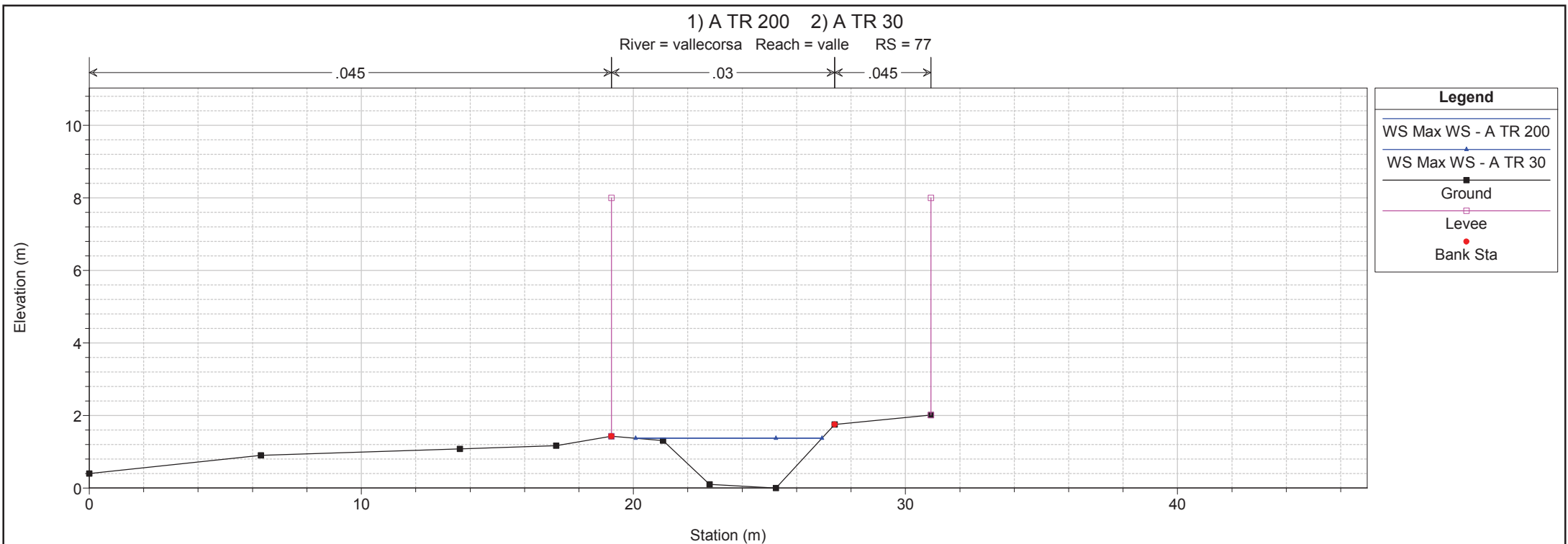
1) A TR 200 2) A TR 30
River = vallecorsa Reach = valle RS = 80



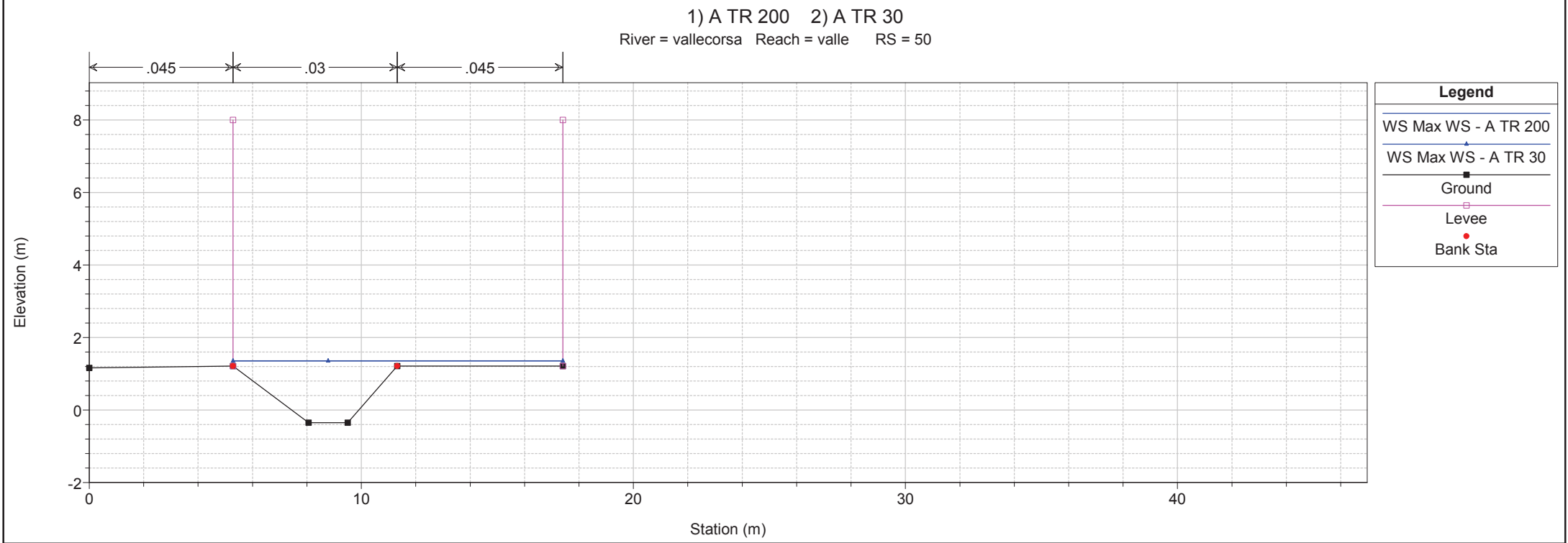
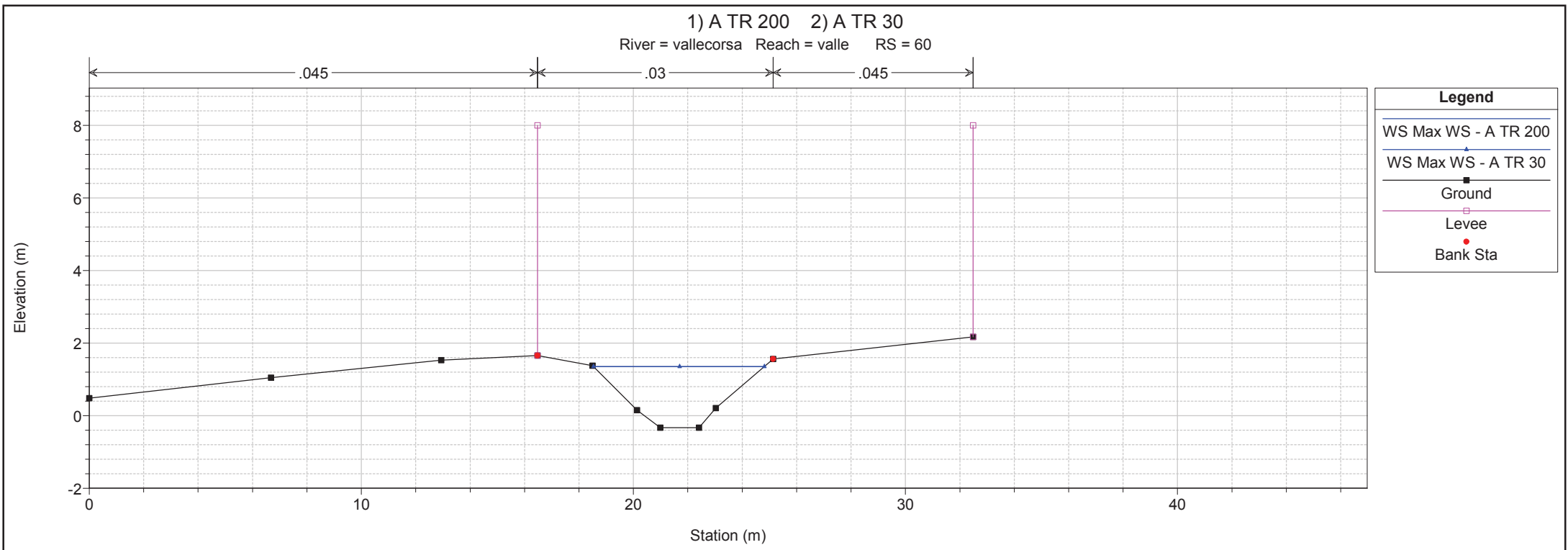
1 cm Horiz. = 2 m 1 cm Vert. = 1.5 m



1 cm Horiz. = 2 m 1 cm Vert. = 1.5 m

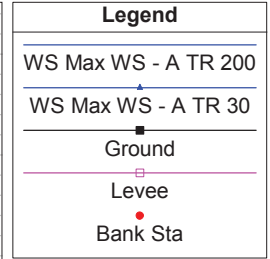
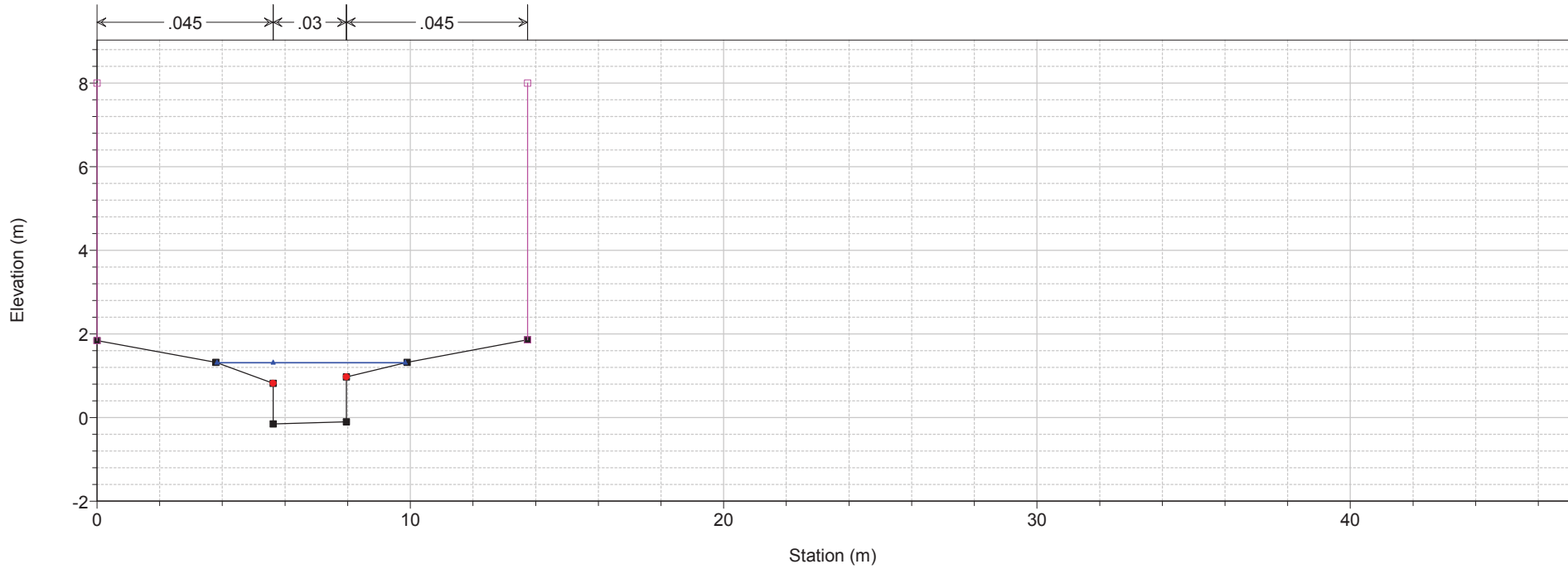


1 cm Horiz. = 2 m 1 cm Vert. = 1.5 m

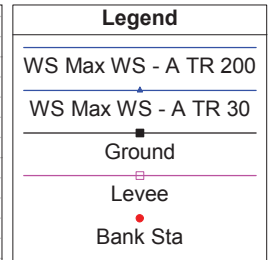
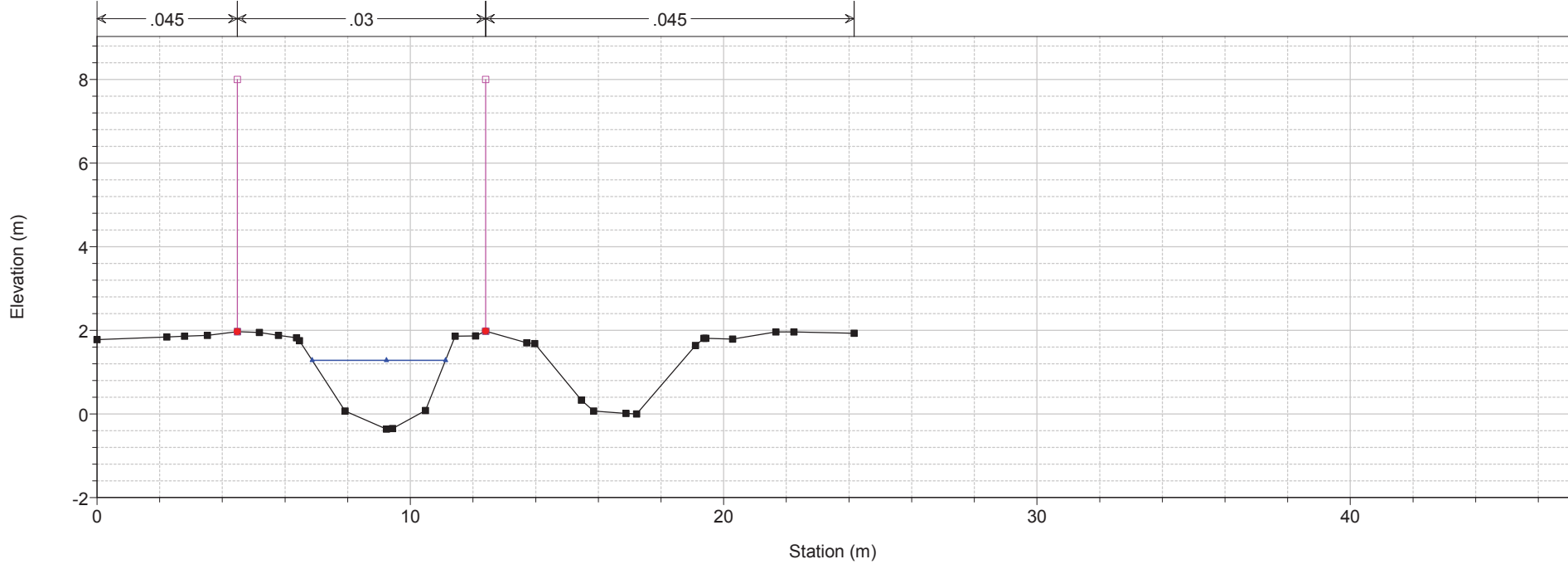


1 cm Horiz. = 2 m 1 cm Vert. = 1.5 m

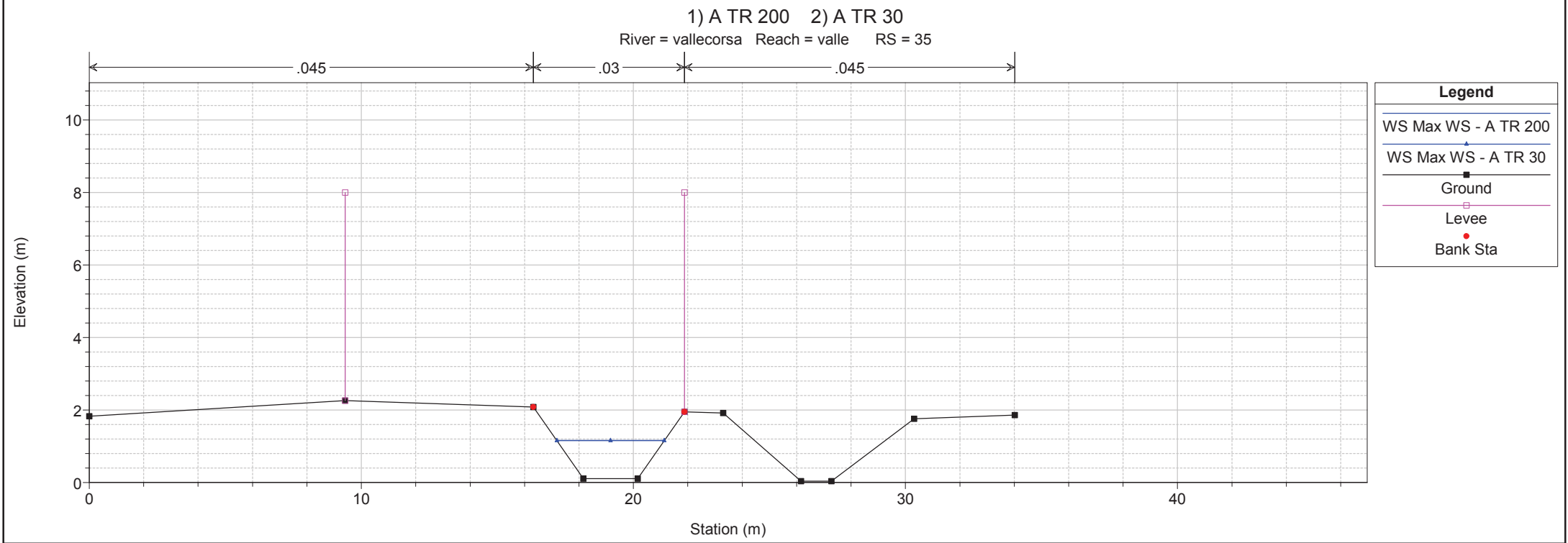
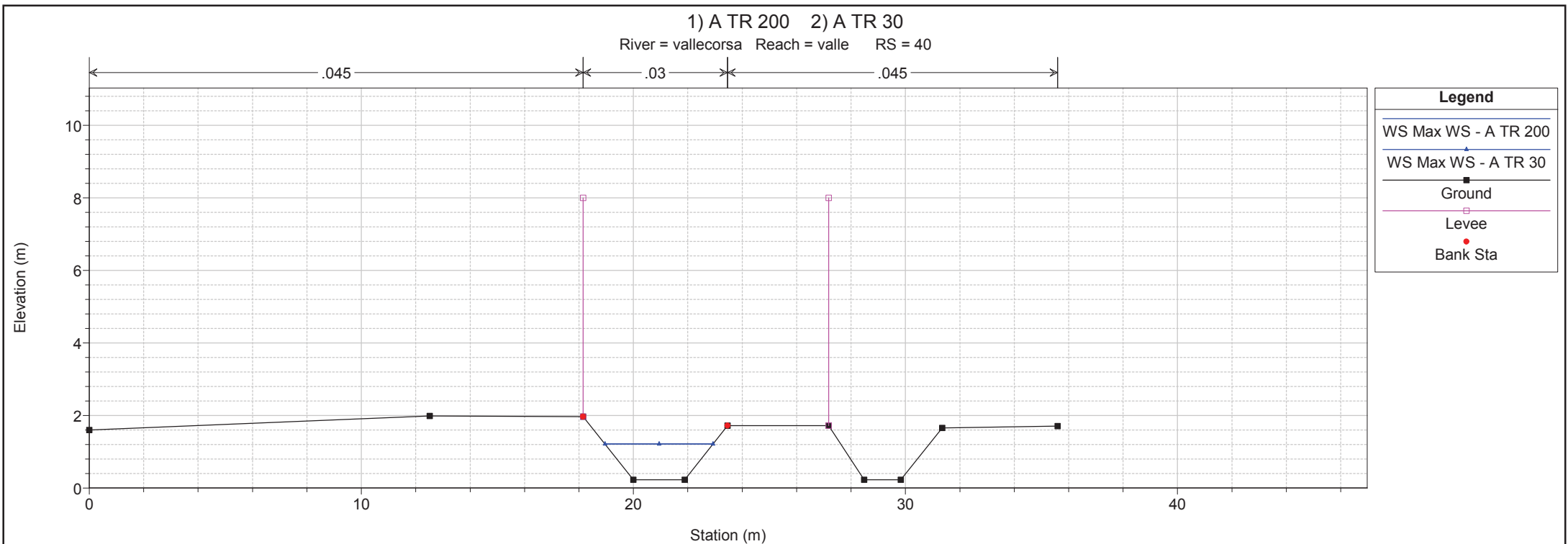
1) A TR 200 2) A TR 30
 River = vallecorsa Reach = valle RS = 45



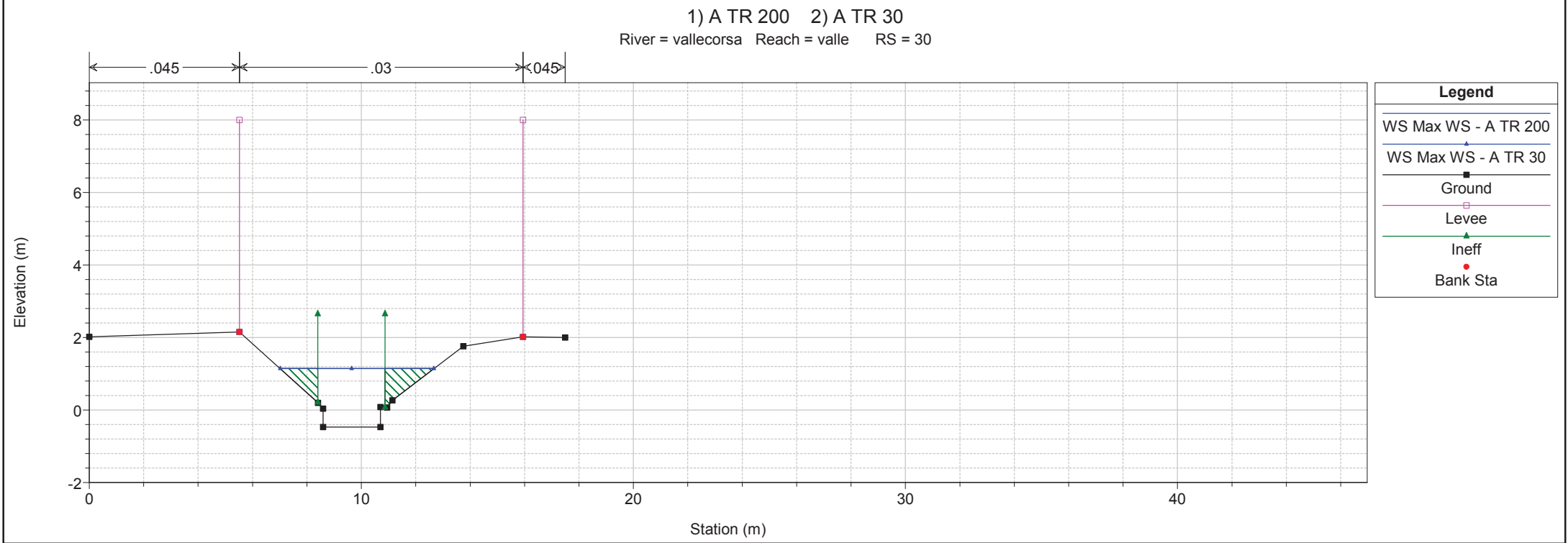
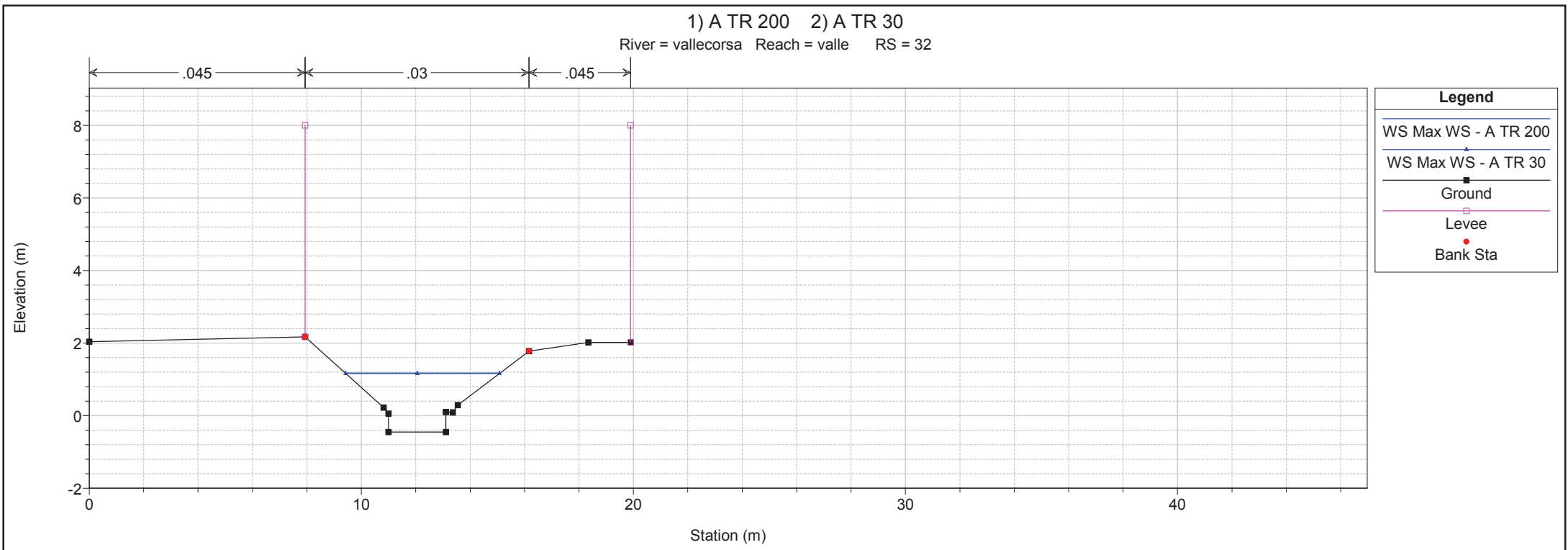
1) A TR 200 2) A TR 30
 River = vallecorsa Reach = valle RS = 42.5



1 cm Horiz. = 2 m 1 cm Vert. = 1.5 m



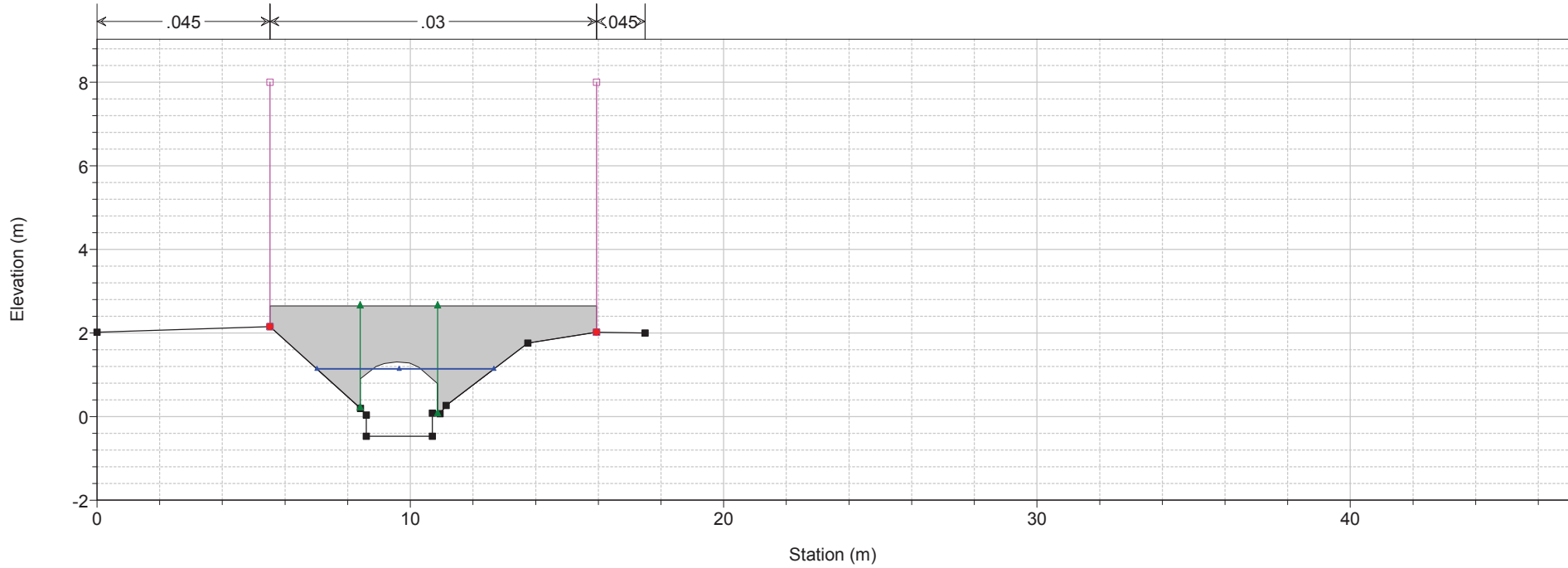
1 cm Horiz. = 2 m 1 cm Vert. = 1.5 m



1 cm Horiz. = 2 m 1 cm Vert. = 1.5 m

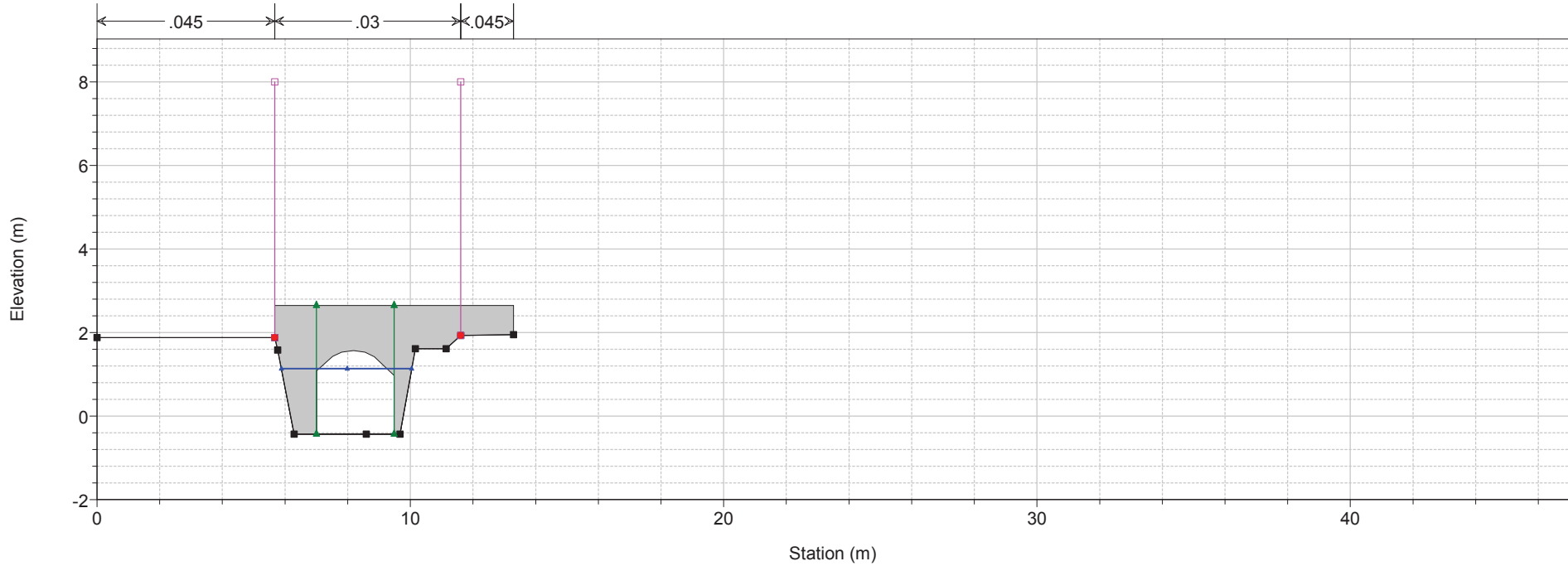
1) A TR 200 2) A TR 30

River = vallecorsa Reach = valle RS = 29.5 BR

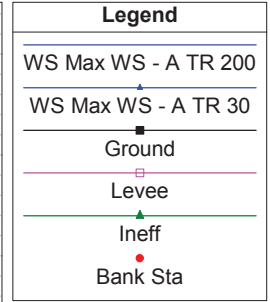
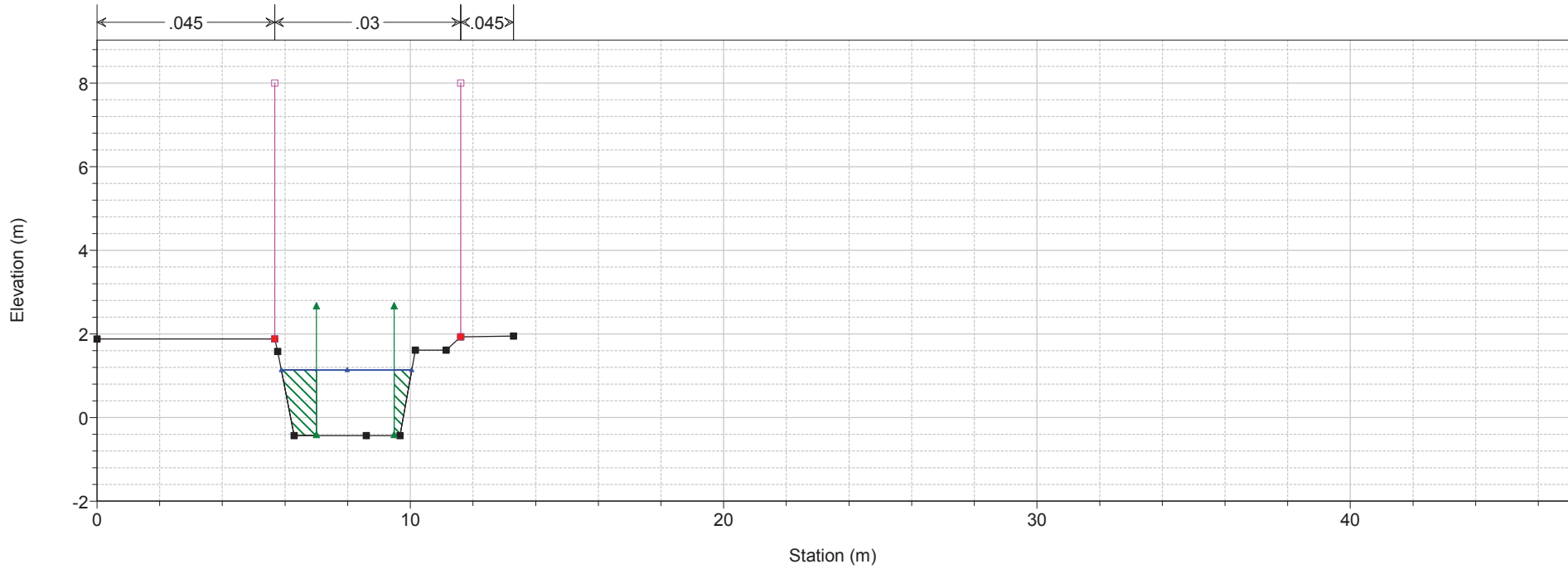


1) A TR 200 2) A TR 30

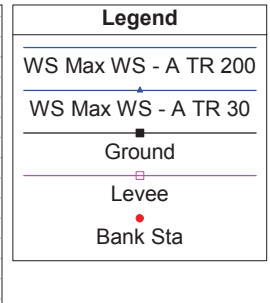
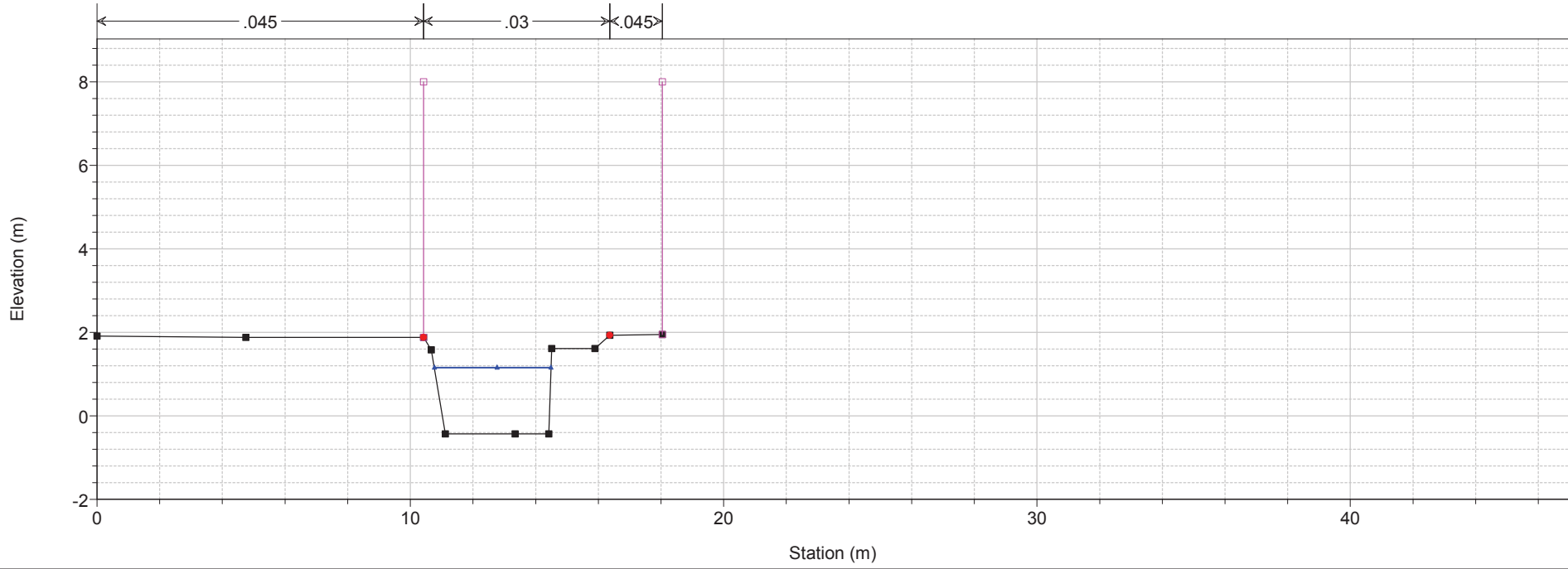
River = vallecorsa Reach = valle RS = 29.5 BR



1) A TR 200 2) A TR 30
 River = vallecorsa Reach = valle RS = 29

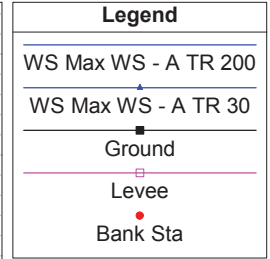
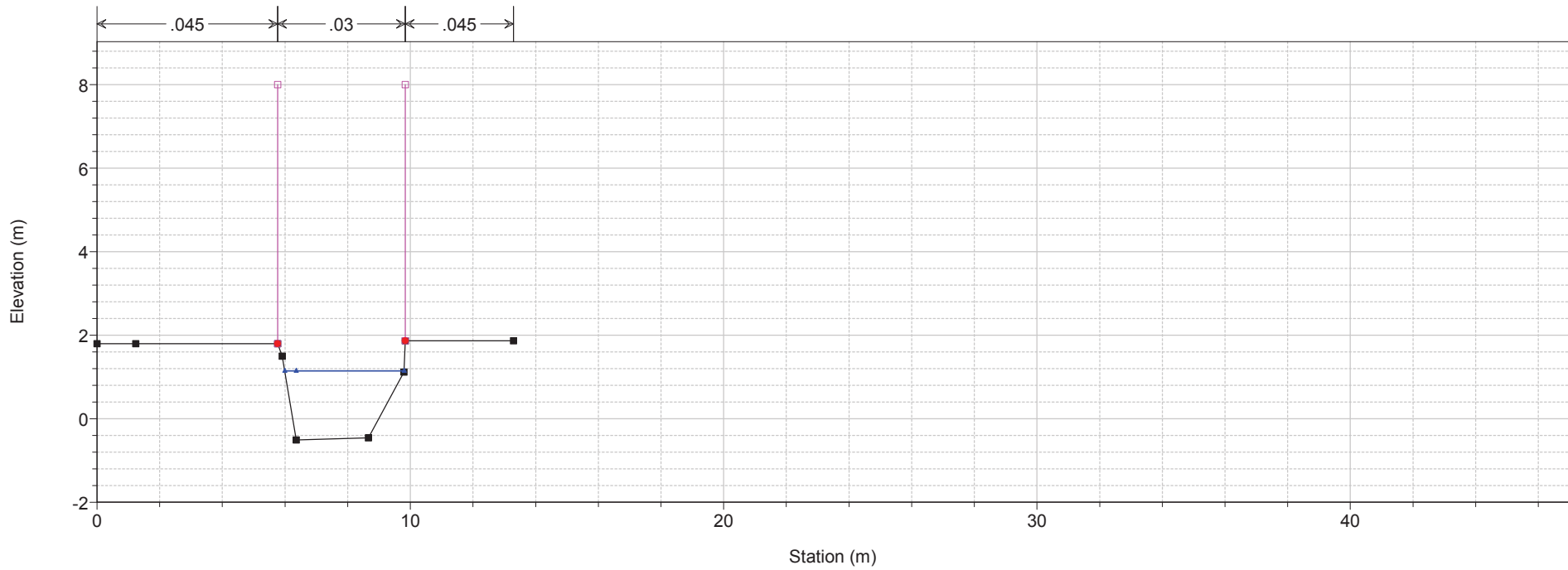


1) A TR 200 2) A TR 30
 River = vallecorsa Reach = valle RS = 28

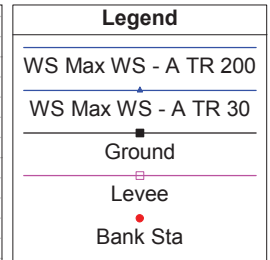
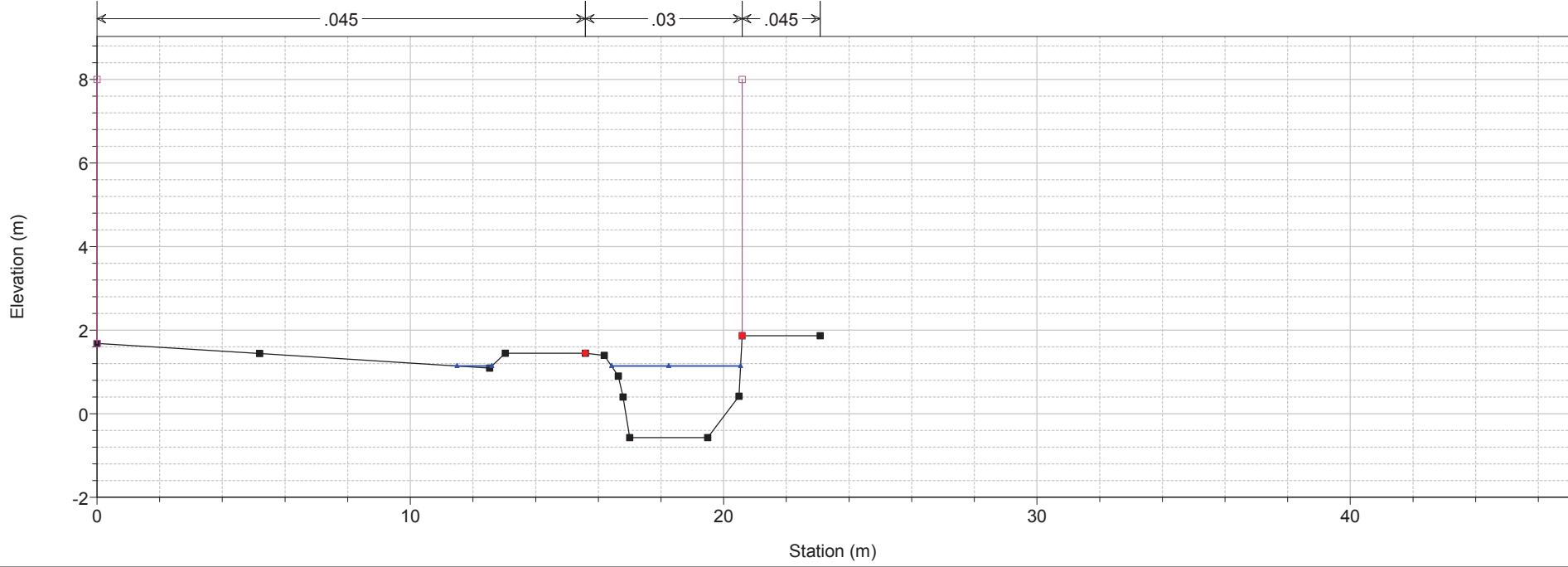


1 cm Horiz. = 2 m 1 cm Vert. = 1.5 m

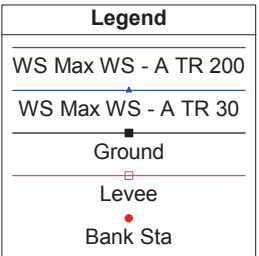
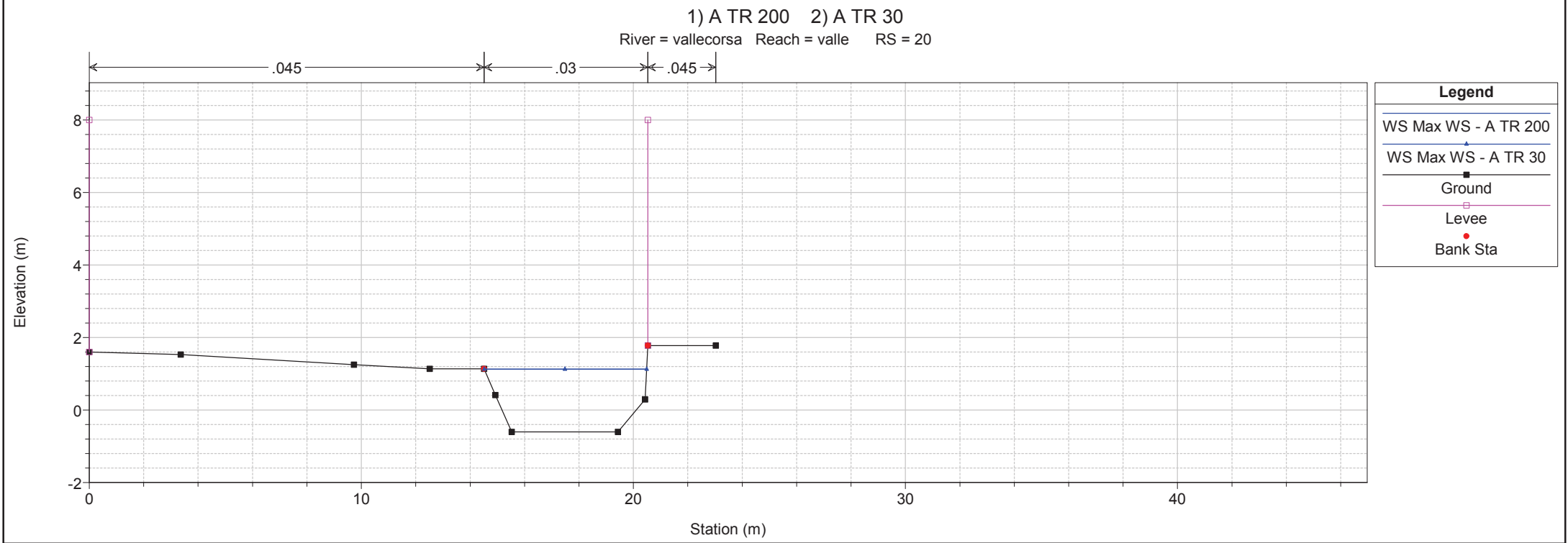
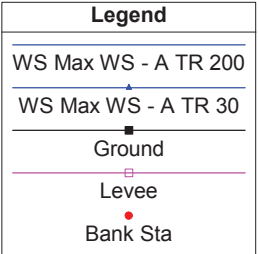
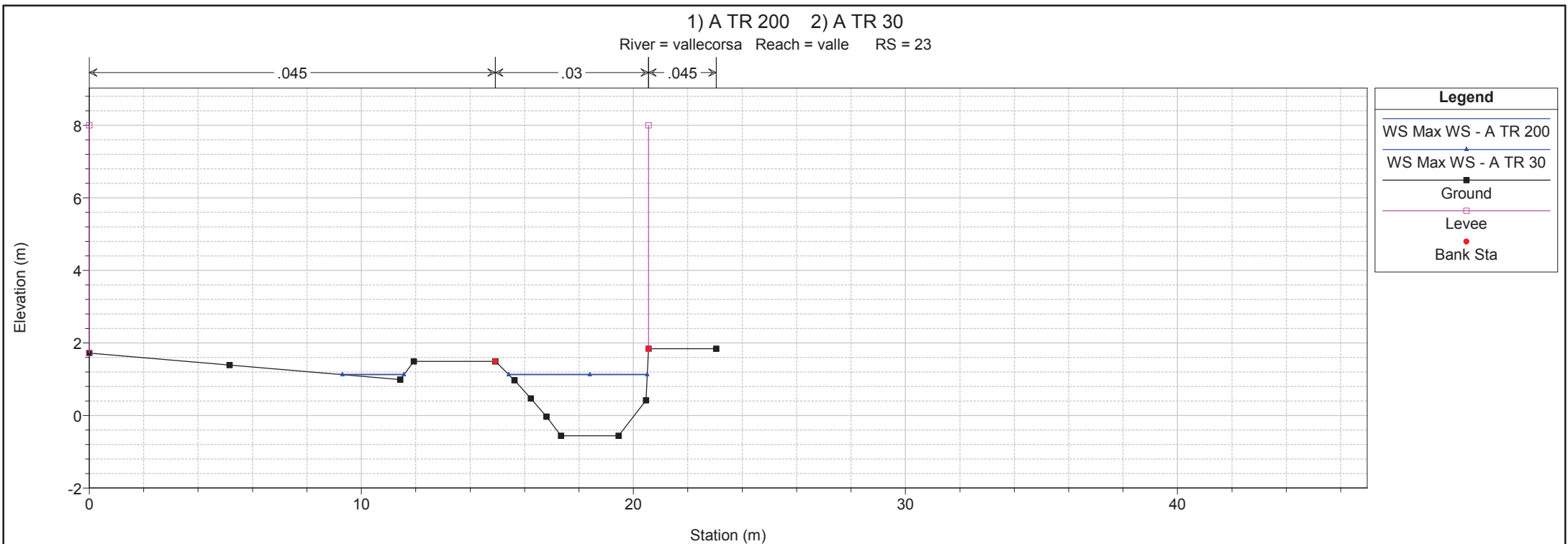
1) A TR 200 2) A TR 30
 River = vallecorsa Reach = valle RS = 27



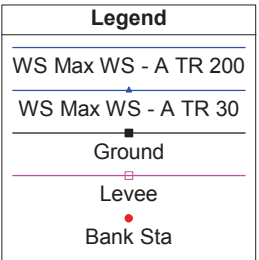
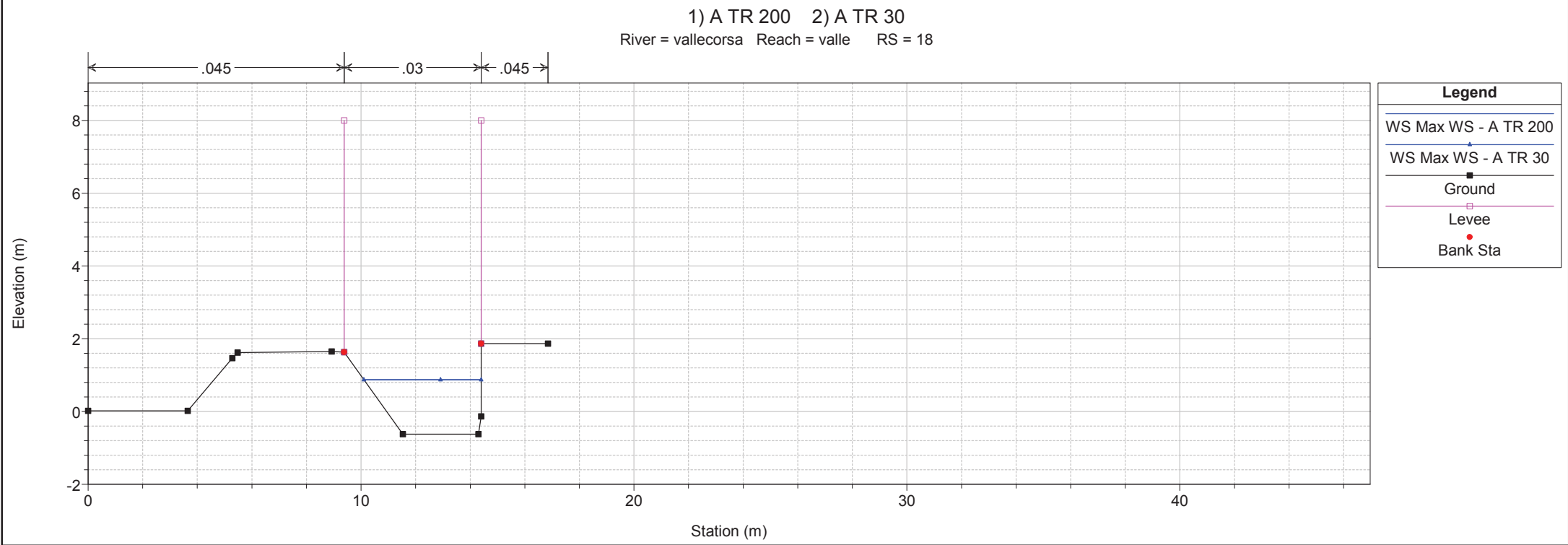
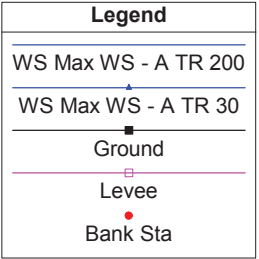
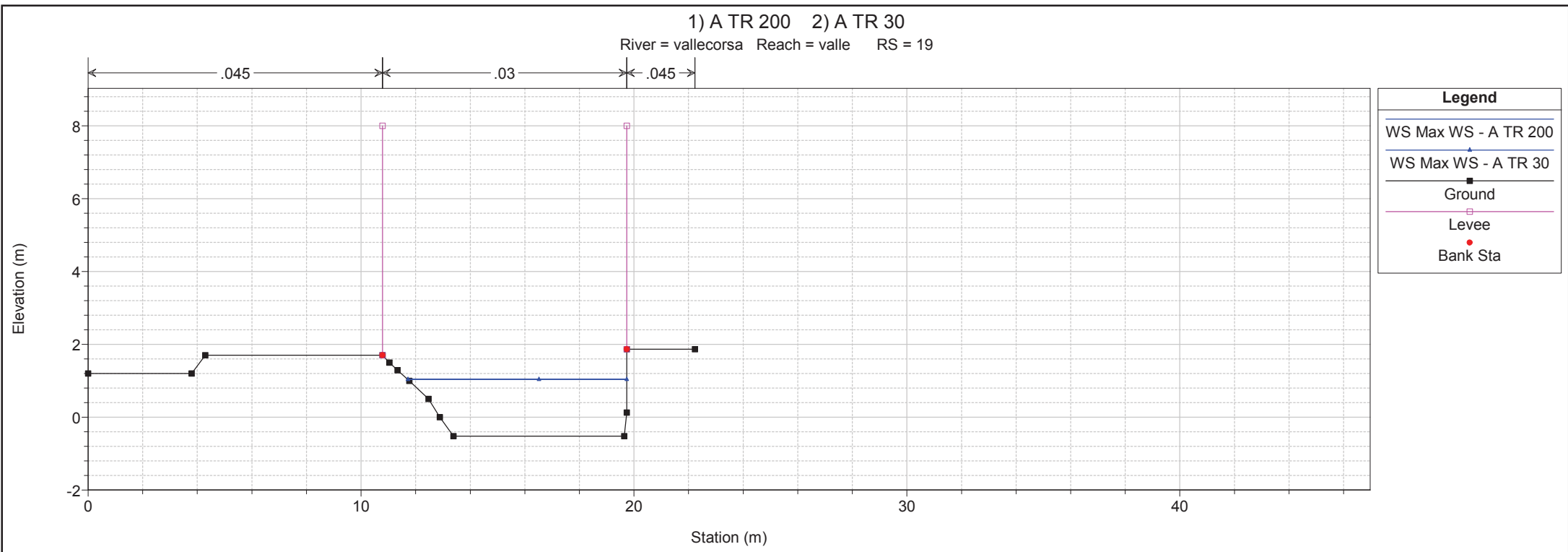
1) A TR 200 2) A TR 30
 River = vallecorsa Reach = valle RS = 26



1 cm Horiz. = 2 m 1 cm Vert. = 1.5 m

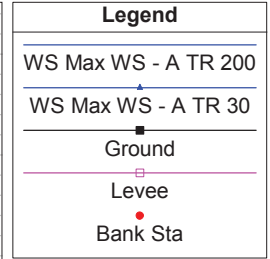
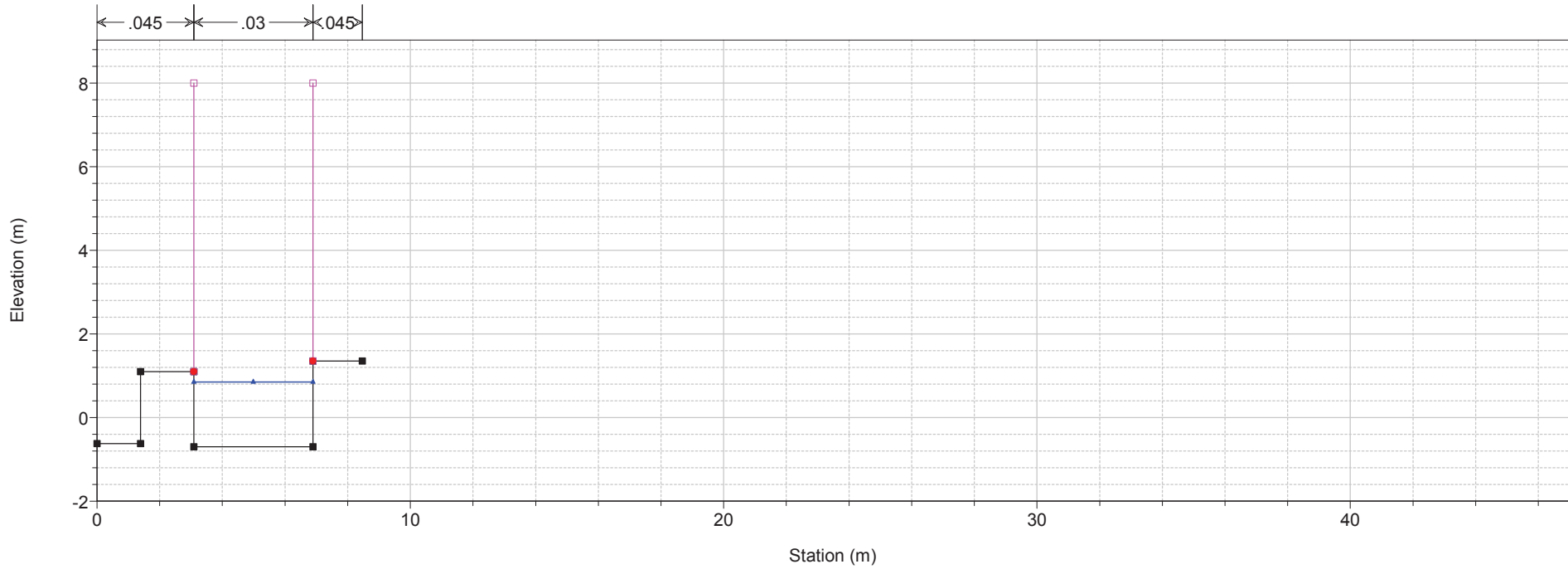


1 cm Horiz. = 2 m 1 cm Vert. = 1.5 m

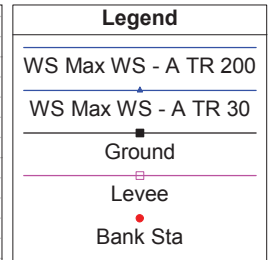
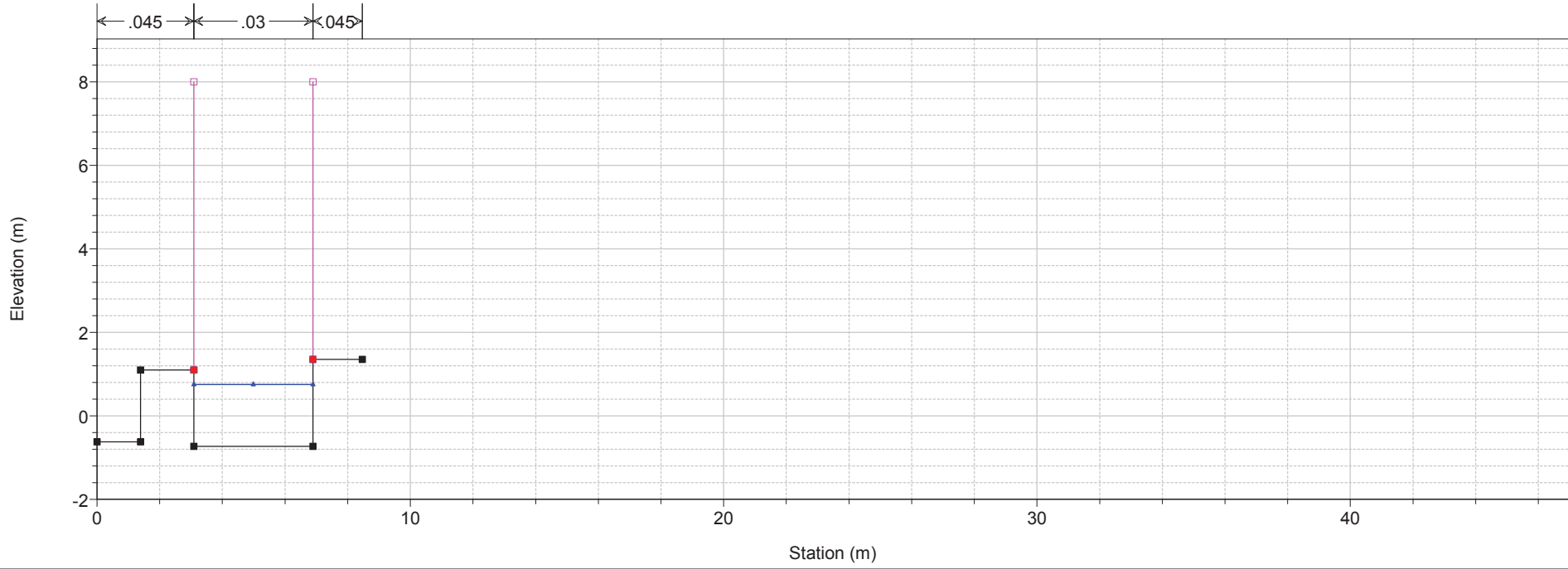


1 cm Horiz. = 2 m 1 cm Vert. = 1.5 m

1) A TR 200 2) A TR 30
River = vallecorsa Reach = valle RS = 13

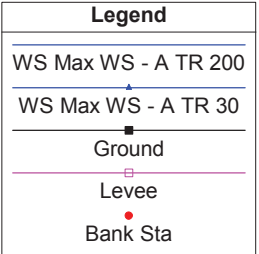
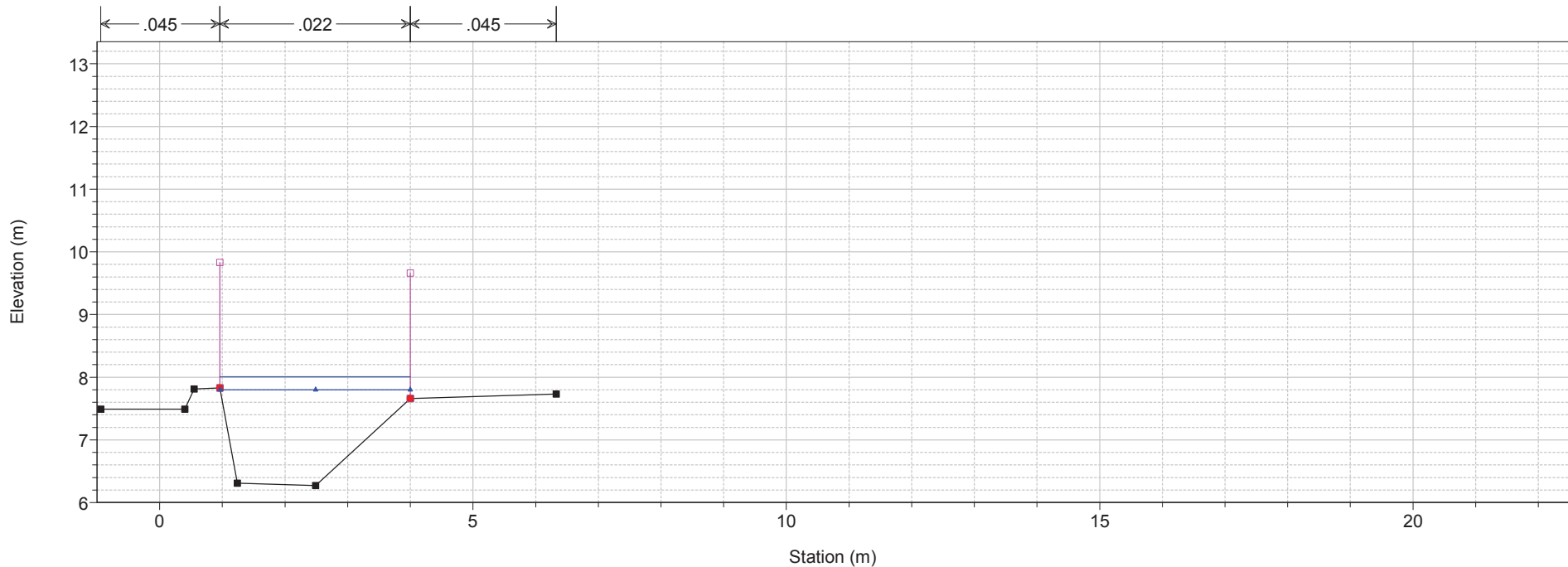


1) A TR 200 2) A TR 30
River = vallecorsa Reach = valle RS = 10

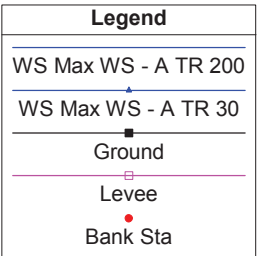
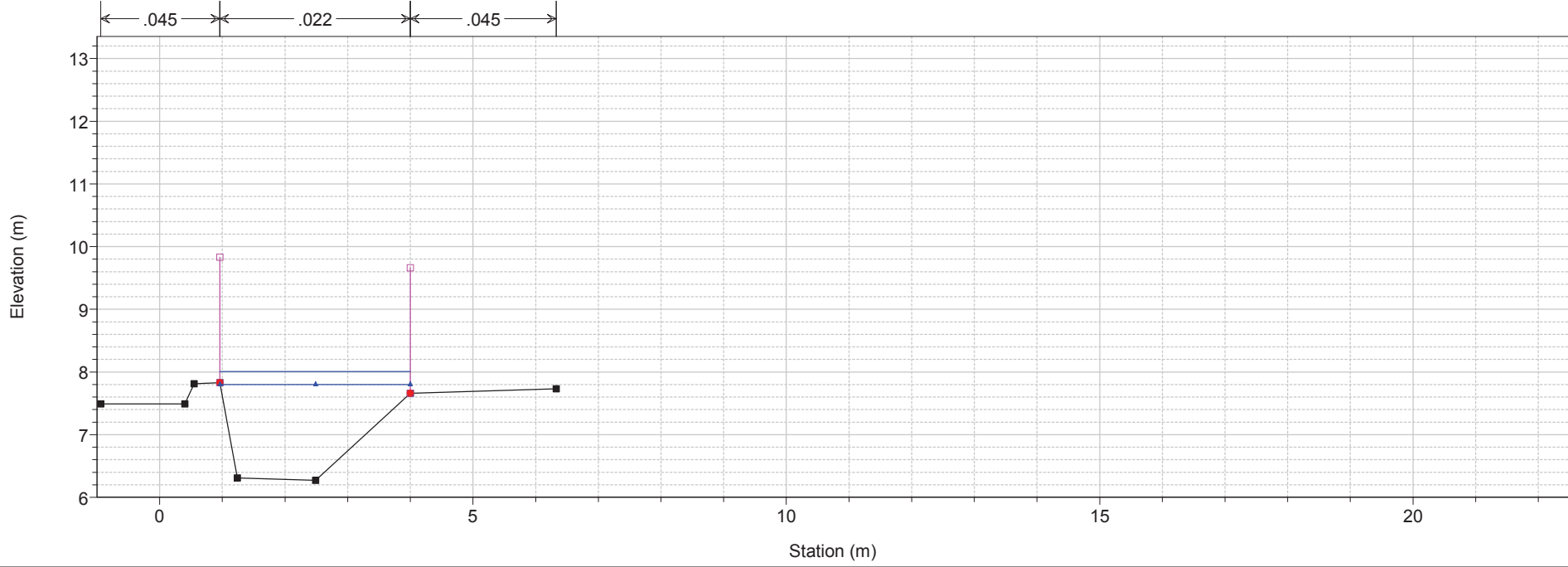


1 cm Horiz. = 2 m 1 cm Vert. = 1.5 m

1) A TR 200 2) A TR 30
 River = mozzinone Reach = mozzicone RS = 597 Sez. 28

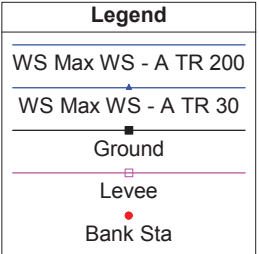
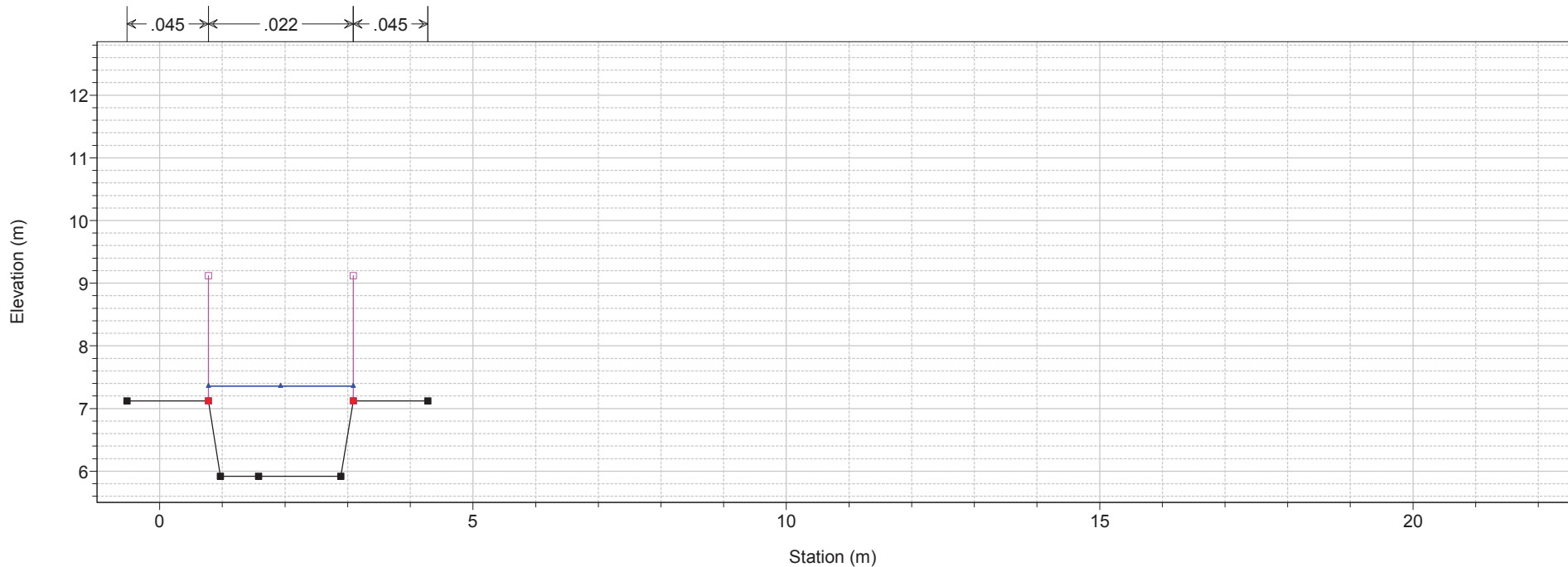


1) A TR 200 2) A TR 30
 River = mozzinone Reach = mozzicone RS = 596.99 Sez. 28

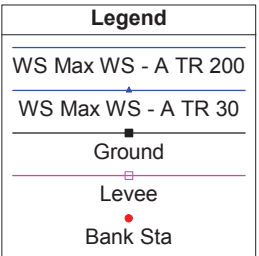
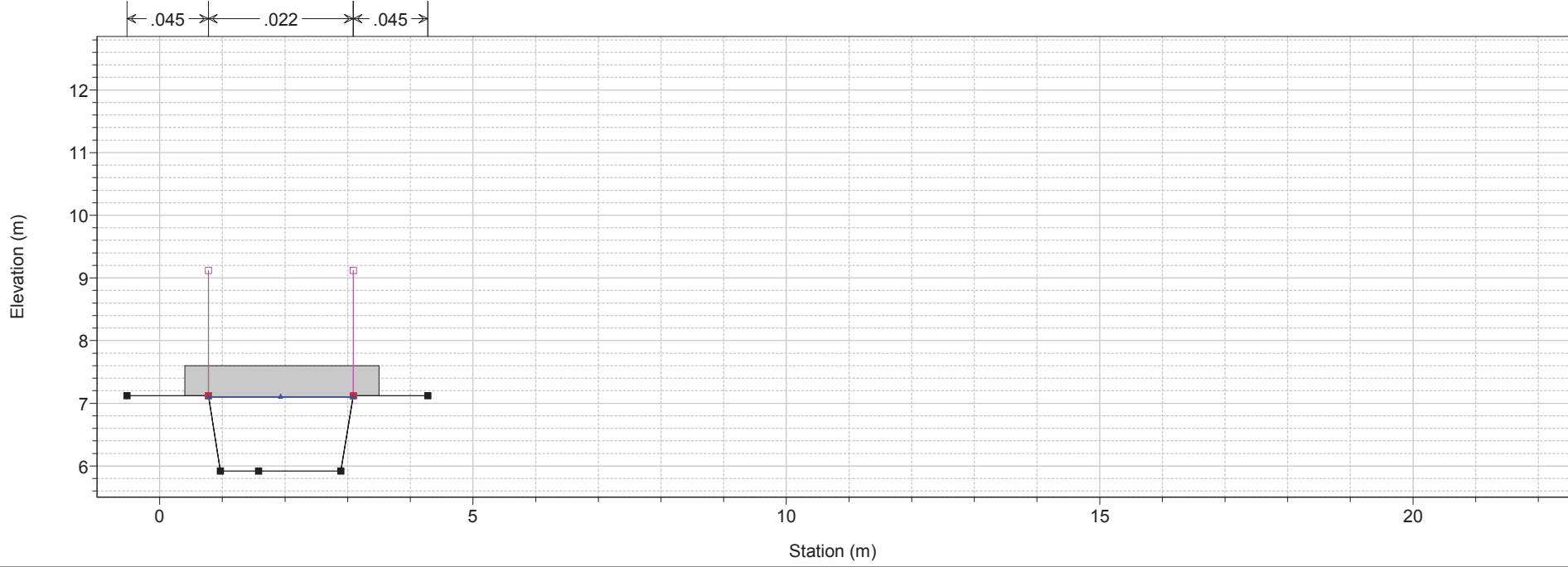


1 cm Horiz. = 1 m 1 cm Vert. = 1 m

1) A TR 200 2) A TR 30
 River = mozzinone Reach = mozzicone RS = 596 Sez. 27

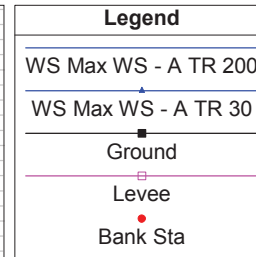
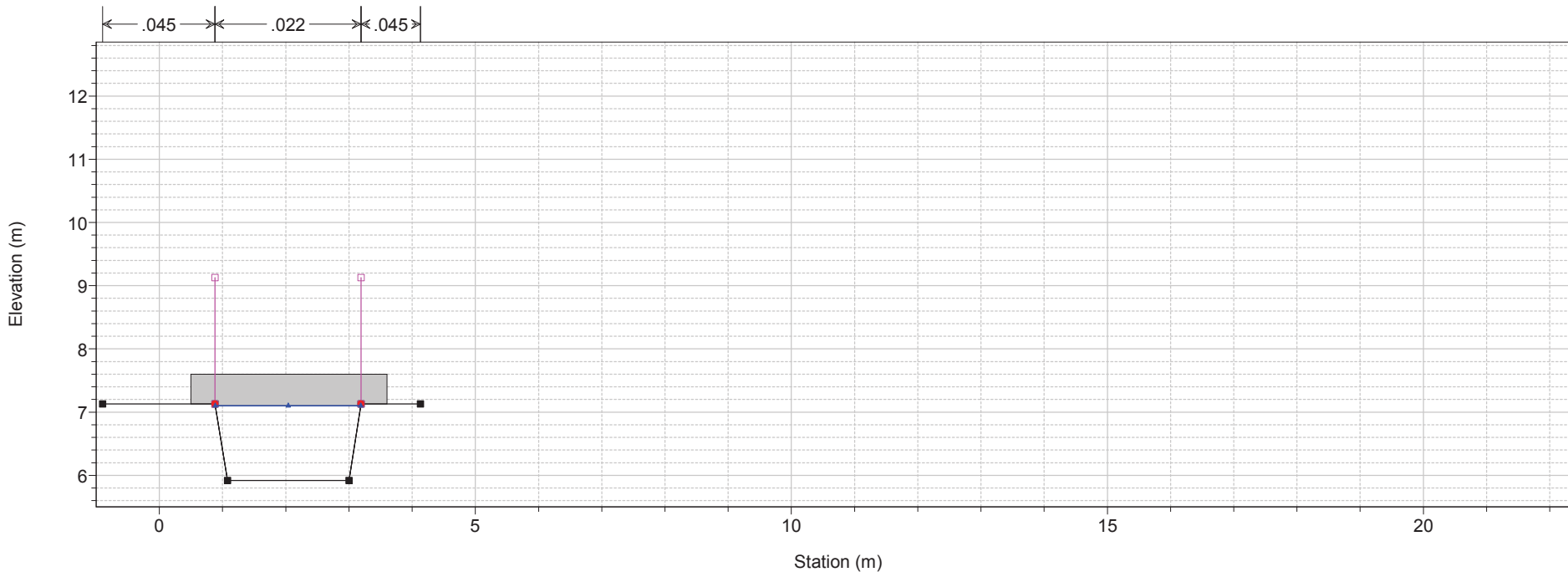


1) A TR 200 2) A TR 30
 River = mozzinone Reach = mozzicone RS = 595.5 BR

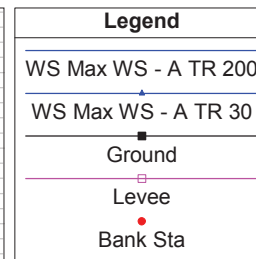
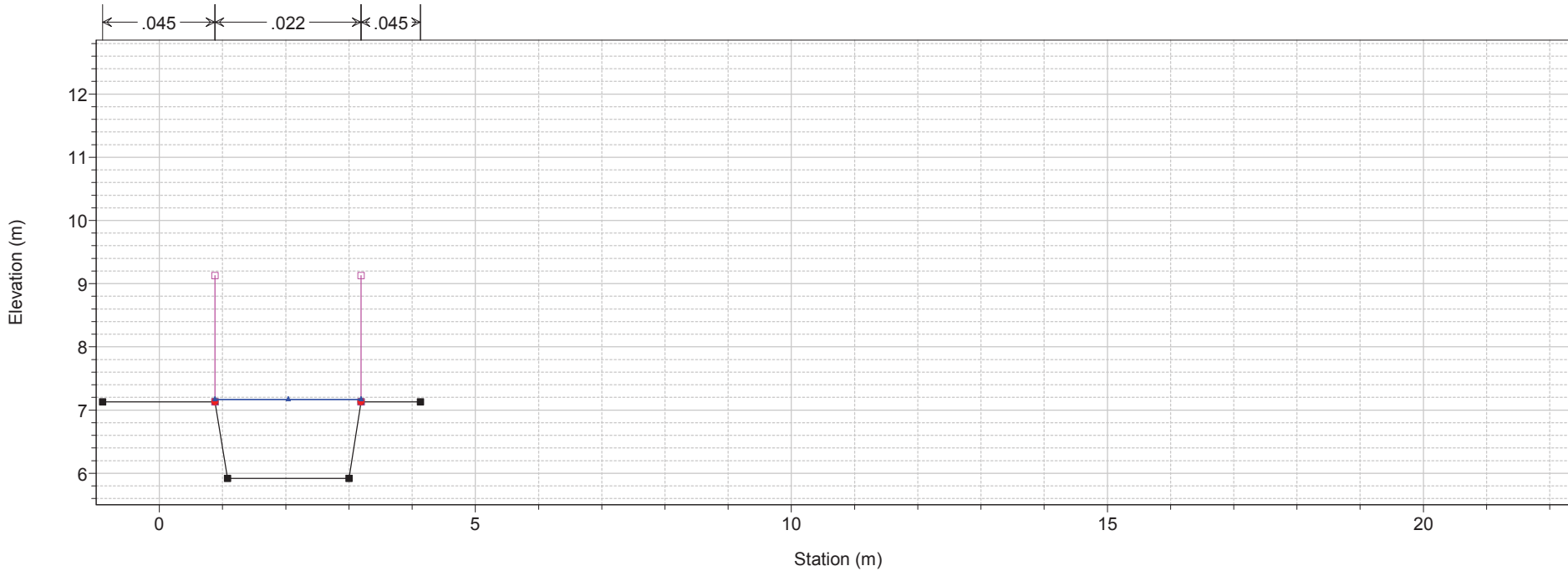


1 cm Horiz. = 1 m 1 cm Vert. = 1 m

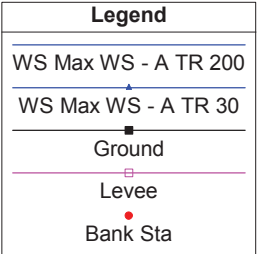
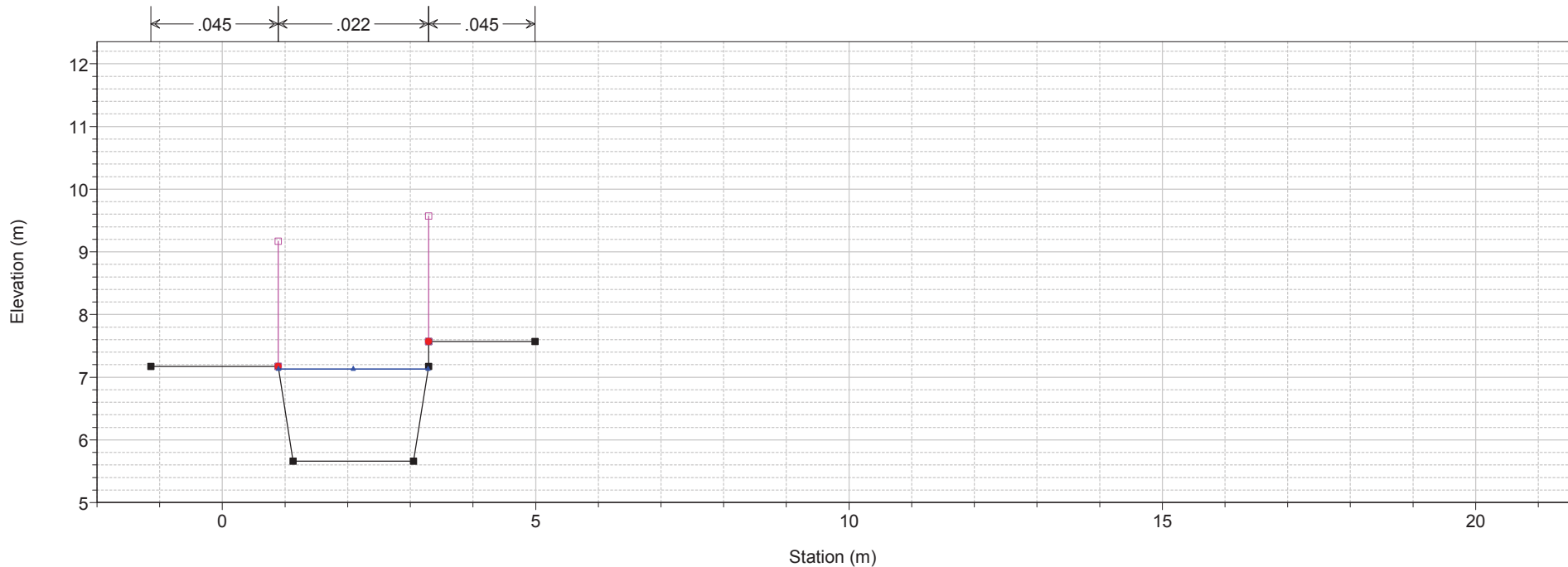
1) A TR 200 2) A TR 30
 River = mozzinone Reach = mozzicone RS = 595.5 BR



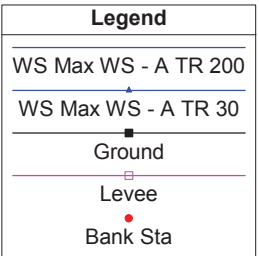
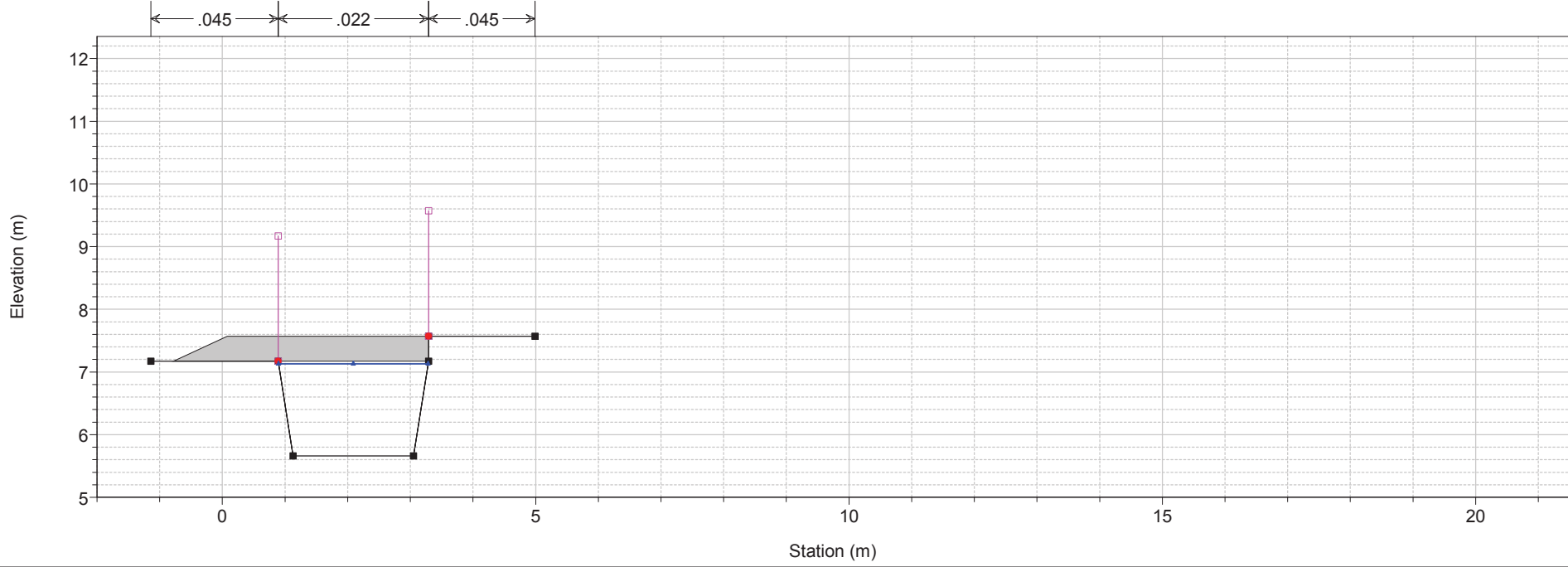
1) A TR 200 2) A TR 30
 River = mozzinone Reach = mozzicone RS = 595 Sez. 26



1) A TR 200 2) A TR 30
 River = mozzinone Reach = mozzicone RS = 594 Sez. 25

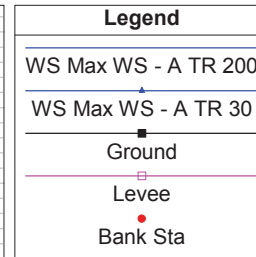
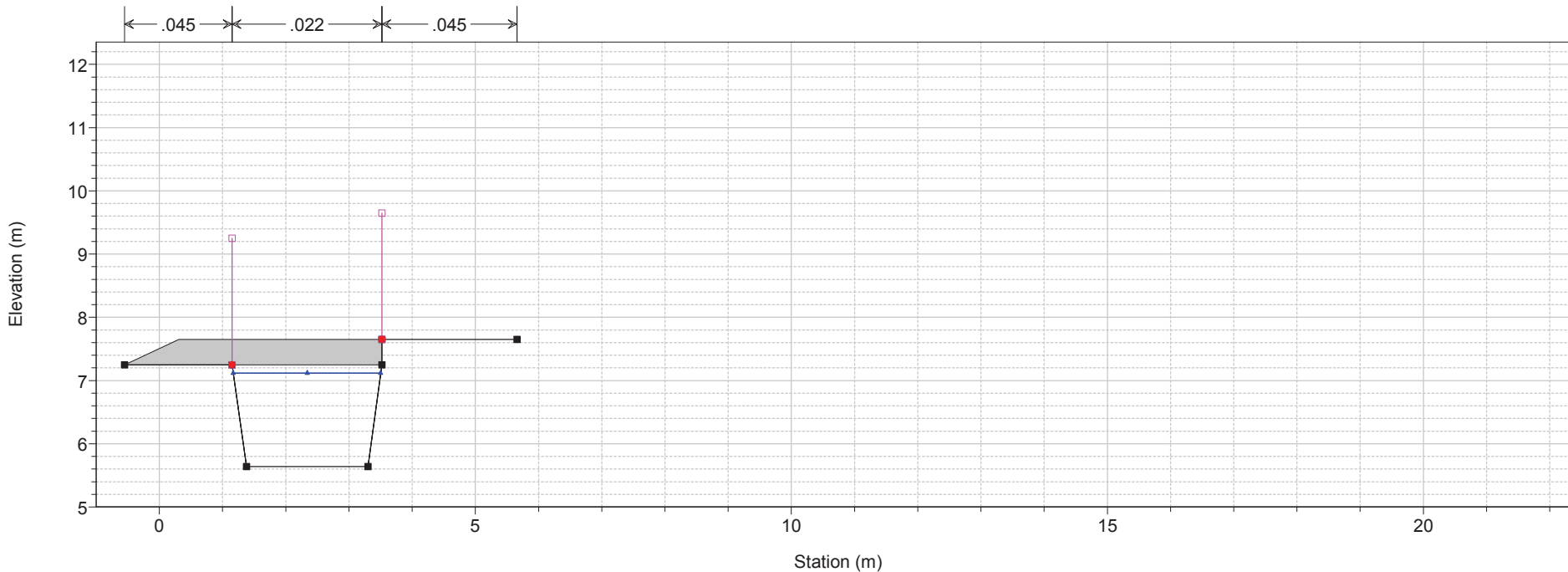


1) A TR 200 2) A TR 30
 River = mozzinone Reach = mozzicone RS = 593.5 BR

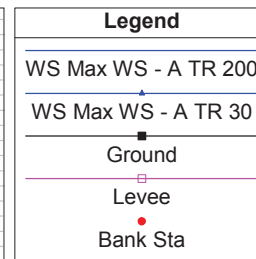
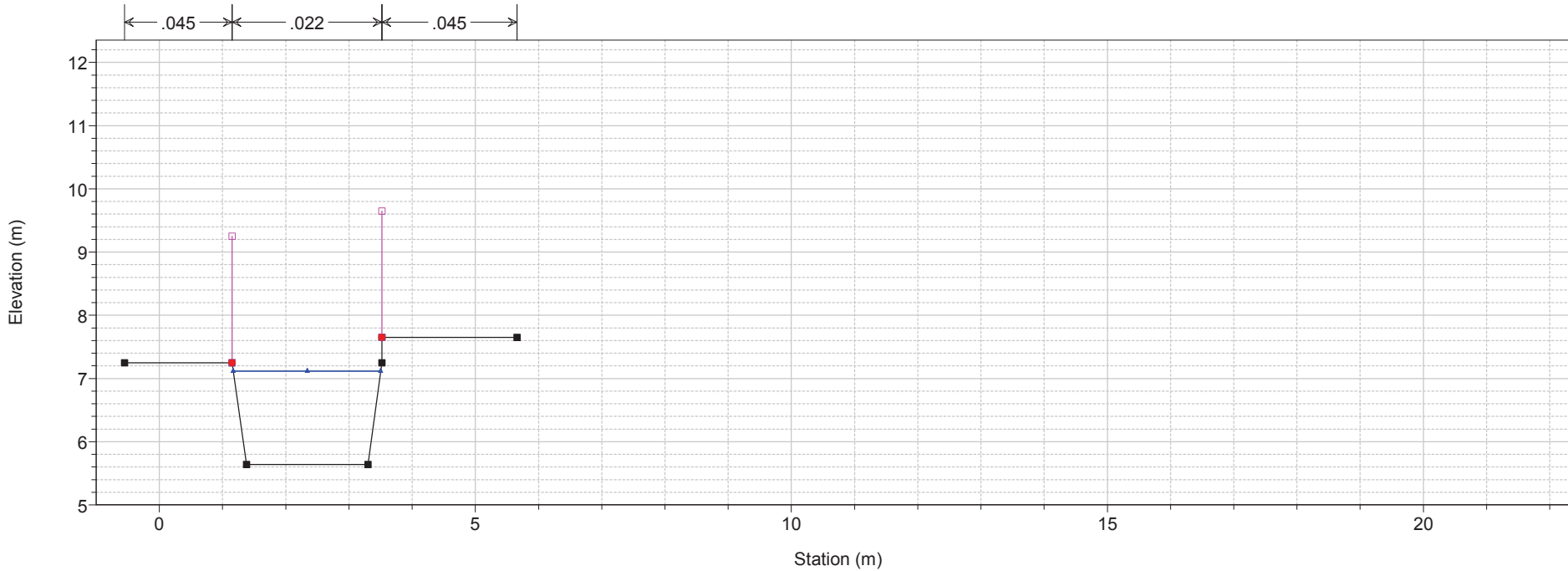


1 cm Horiz. = 1 m 1 cm Vert. = 1 m

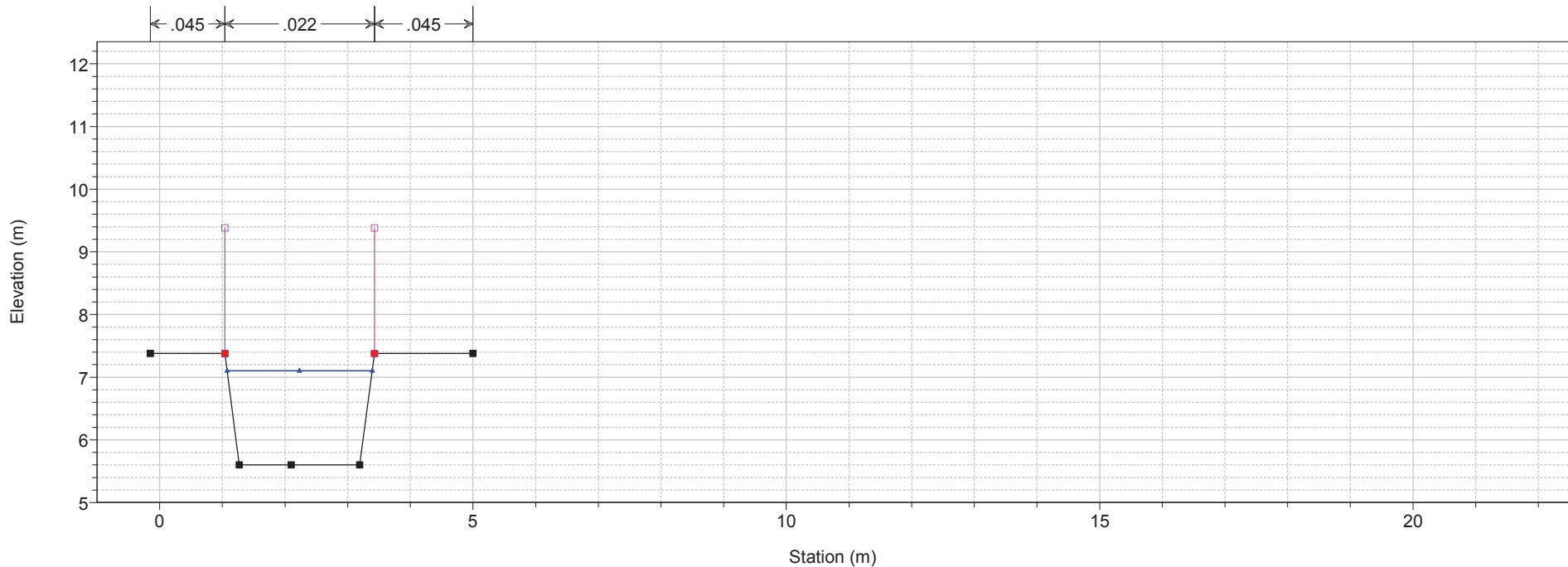
1) A TR 200 2) A TR 30
 River = mozzinone Reach = mozzicone RS = 593.5 BR



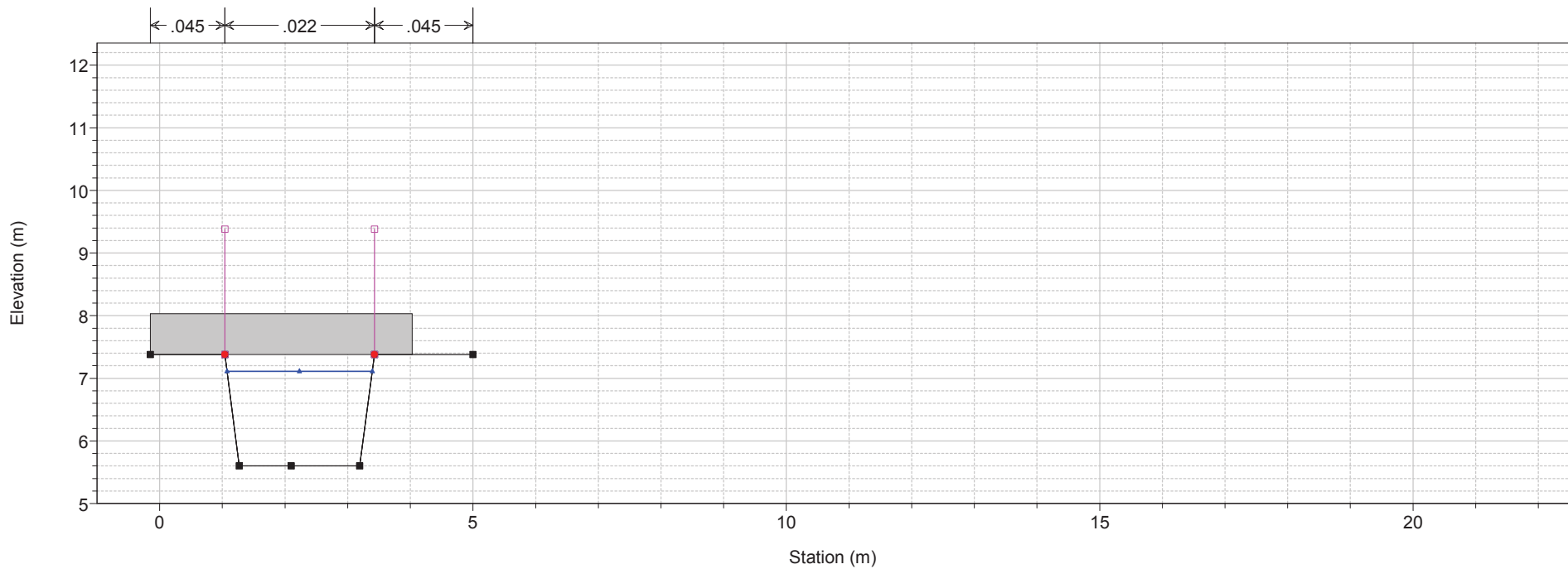
1) A TR 200 2) A TR 30
 River = mozzinone Reach = mozzicone RS = 593 Sez. 24



1) A TR 200 2) A TR 30
 River = mozzinone Reach = mozzicone RS = 592 Sez. 23



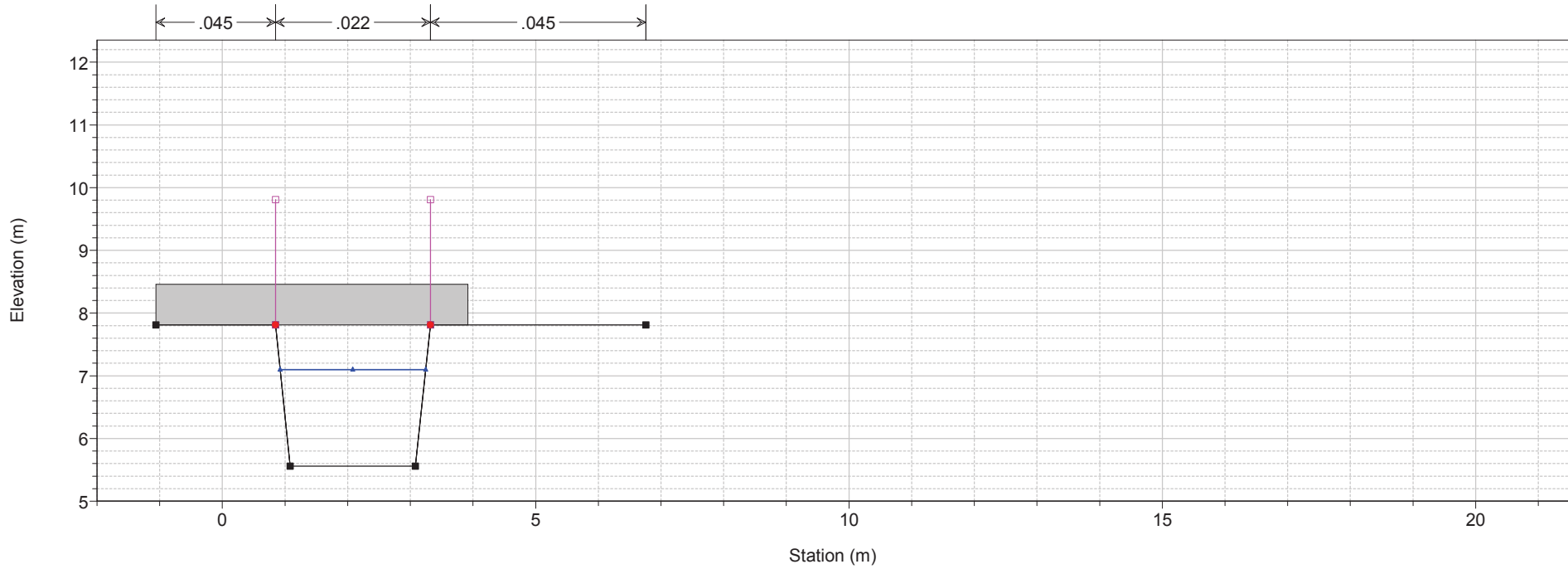
1) A TR 200 2) A TR 30
 River = mozzinone Reach = mozzicone RS = 591.5 BR



1 cm Horiz. = 1 m 1 cm Vert. = 1 m

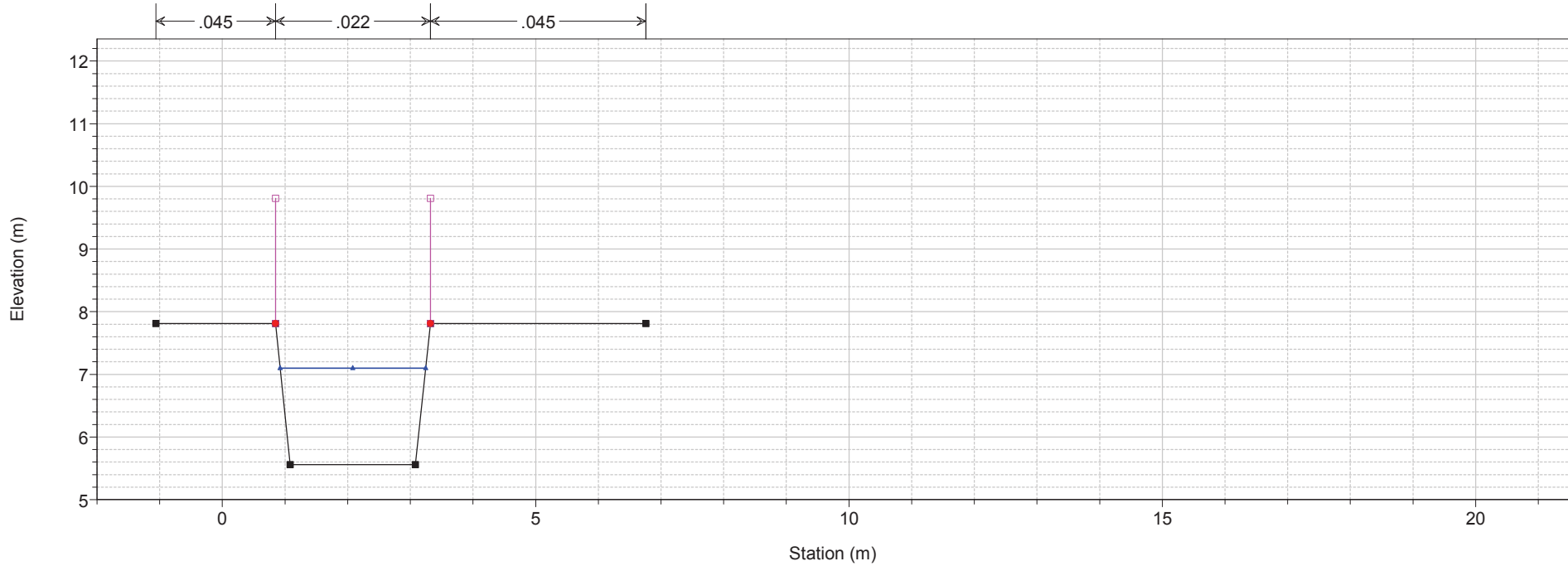
1) A TR 200 2) A TR 30

River = mozzinone Reach = mozzicone RS = 591.5 BR

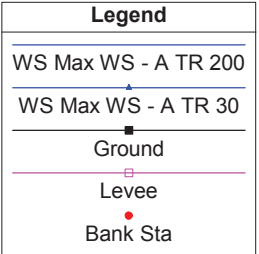
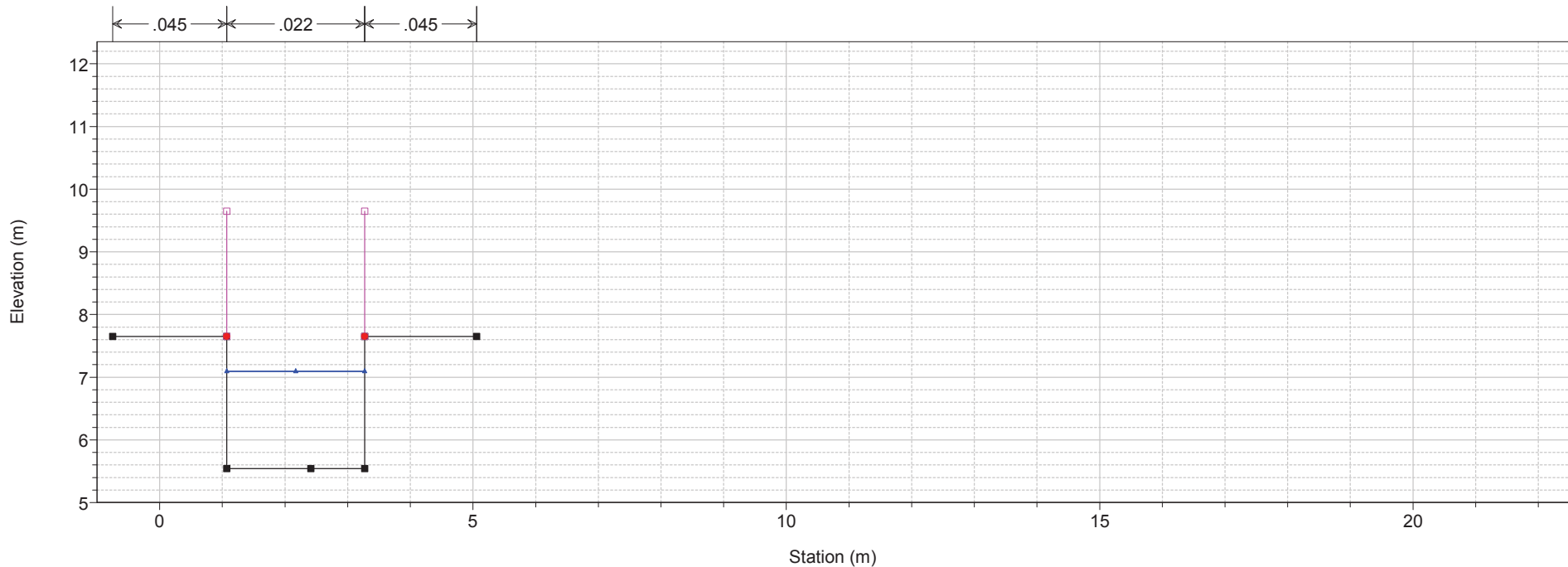


1) A TR 200 2) A TR 30

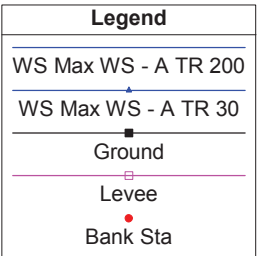
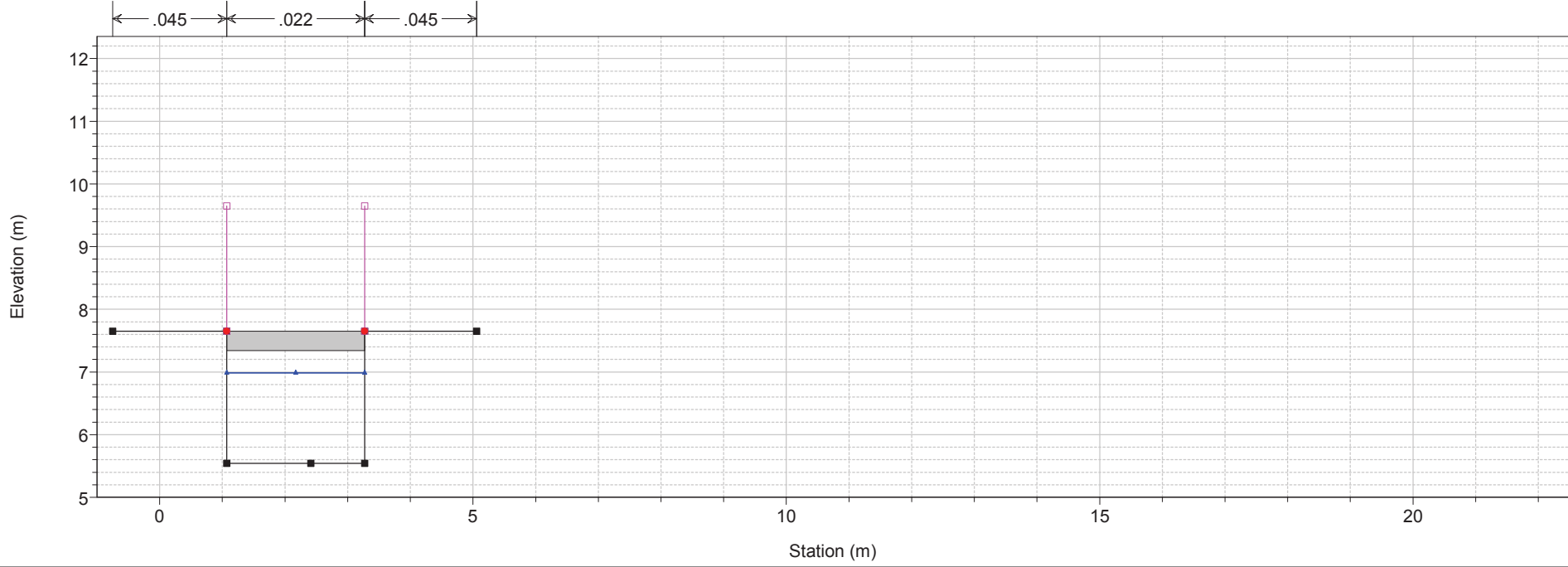
River = mozzinone Reach = mozzicone RS = 591 Sez. 22



1) A TR 200 2) A TR 30
 River = mozzinone Reach = mozzicone RS = 590 Sez. 21

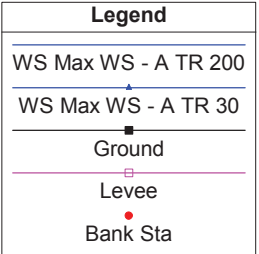
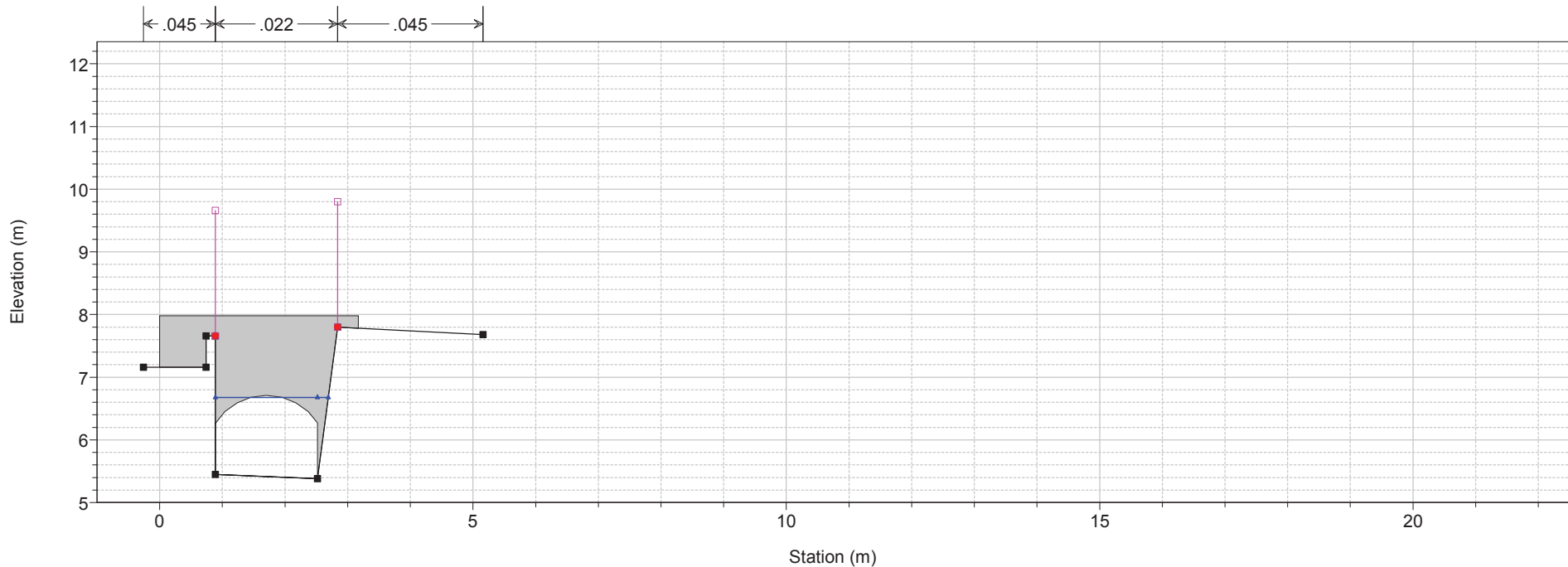


1) A TR 200 2) A TR 30
 River = mozzinone Reach = mozzicone RS = 589.5 BR

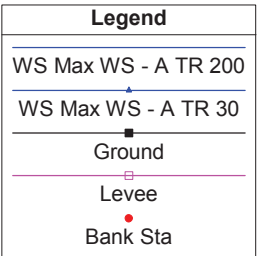
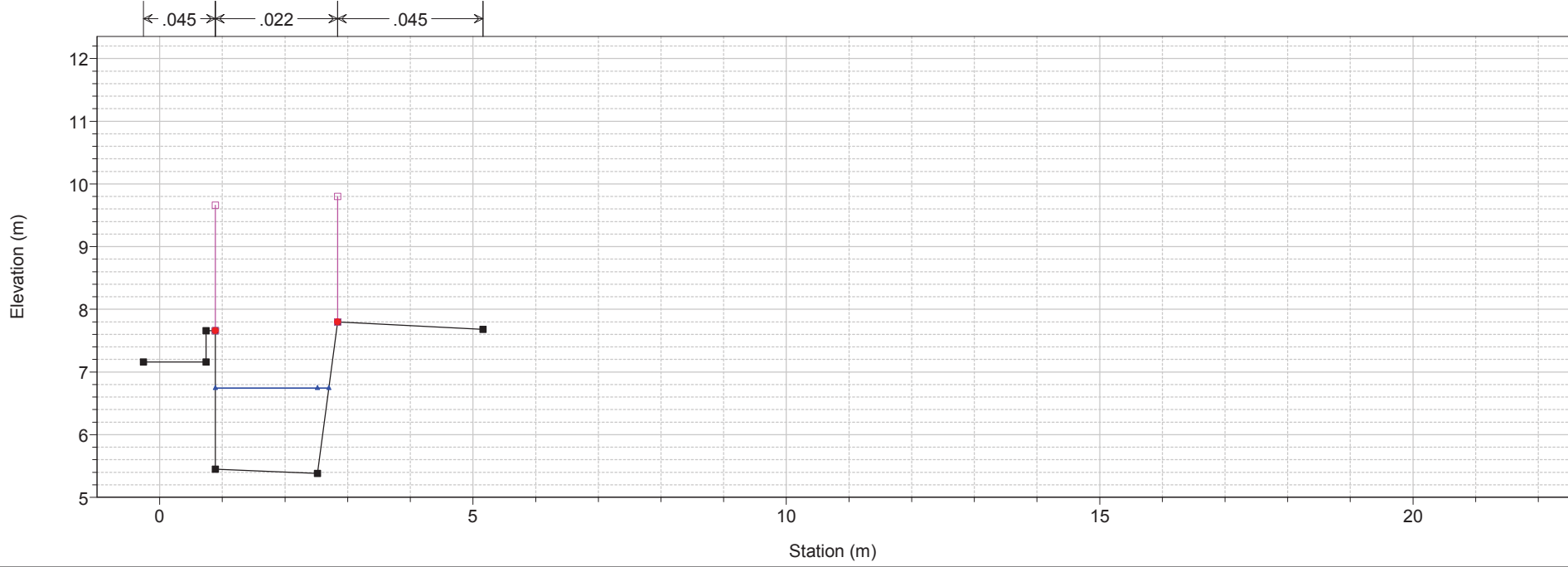


1 cm Horiz. = 1 m 1 cm Vert. = 1 m

1) A TR 200 2) A TR 30
 River = mozzinone Reach = mozzicone RS = 589.5 BR

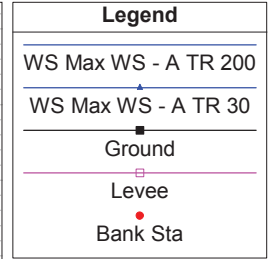
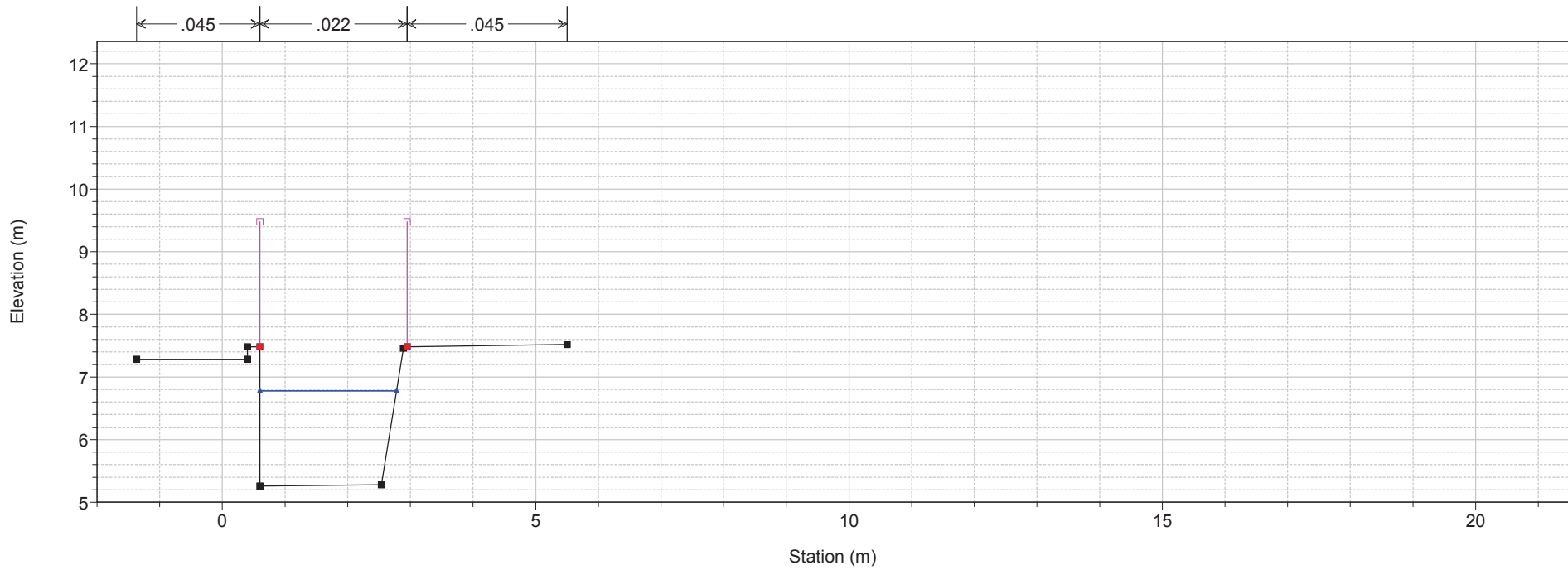


1) A TR 200 2) A TR 30
 River = mozzinone Reach = mozzicone RS = 589 Sez. 20

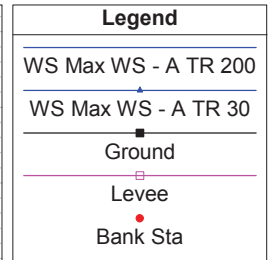
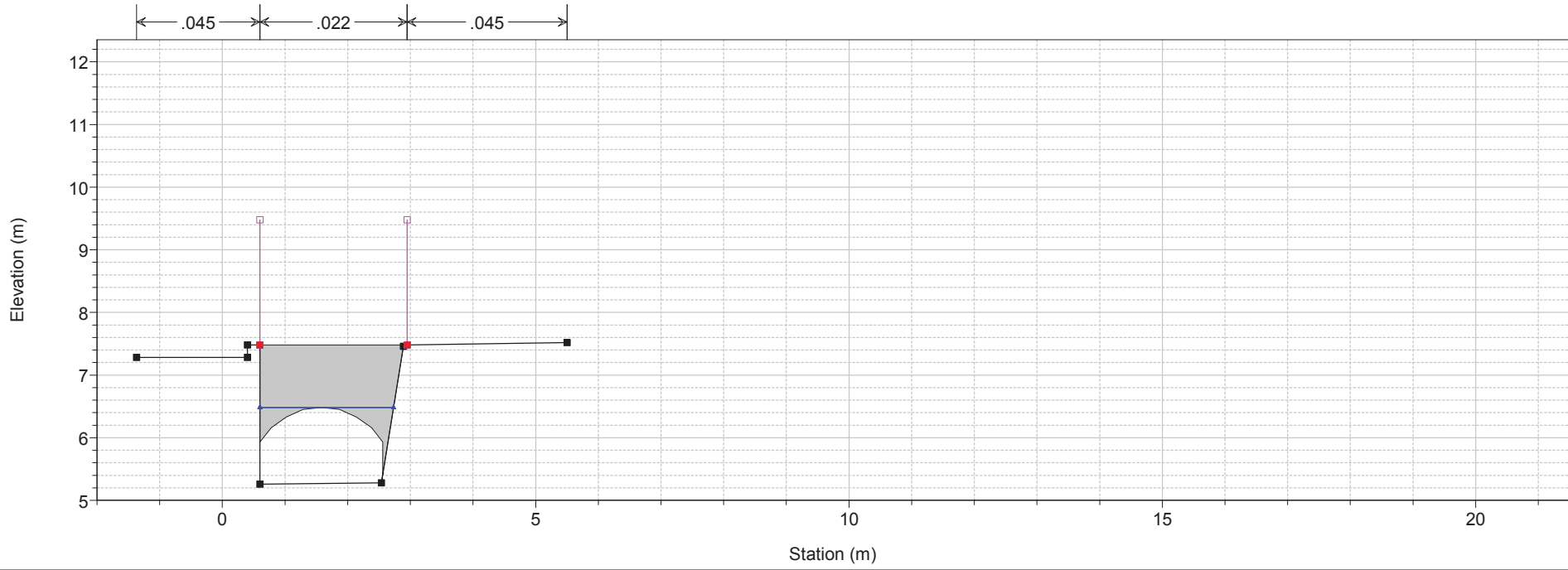


1 cm Horiz. = 1 m 1 cm Vert. = 1 m

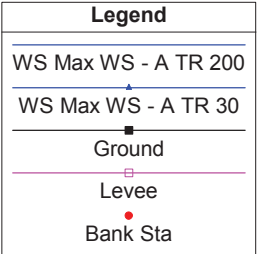
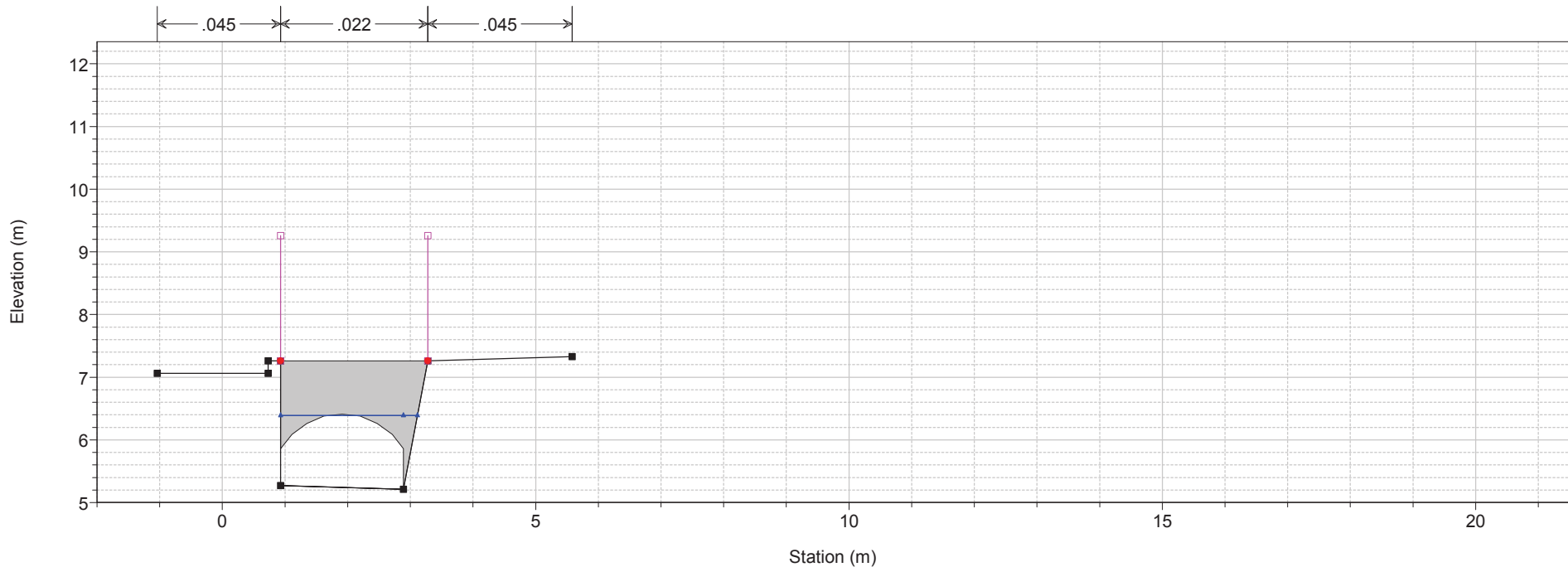
1) A TR 200 2) A TR 30
 River = mozzinone Reach = mozzicone RS = 588 Sez.19



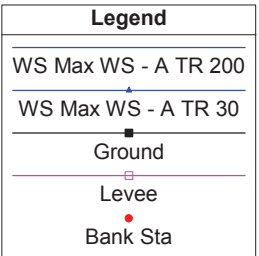
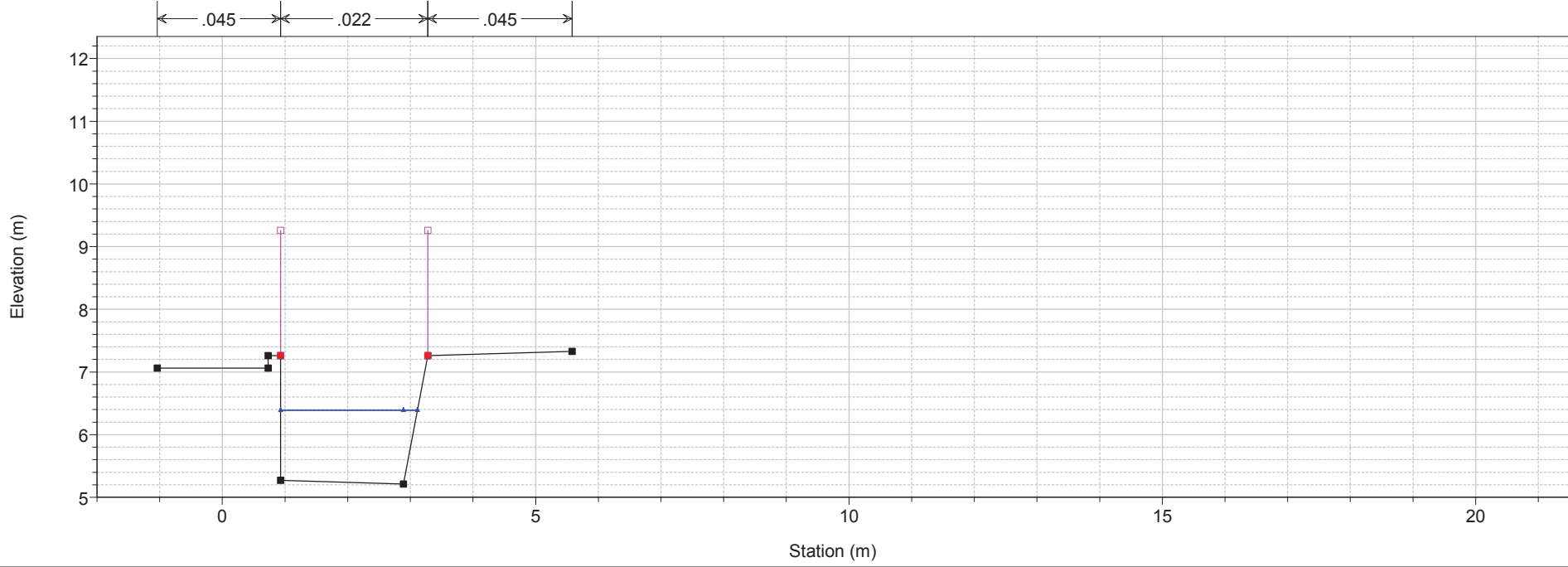
1) A TR 200 2) A TR 30
 River = mozzinone Reach = mozzicone RS = 587.5 BR



1) A TR 200 2) A TR 30
 River = mozzinone Reach = mozzicone RS = 587.5 BR

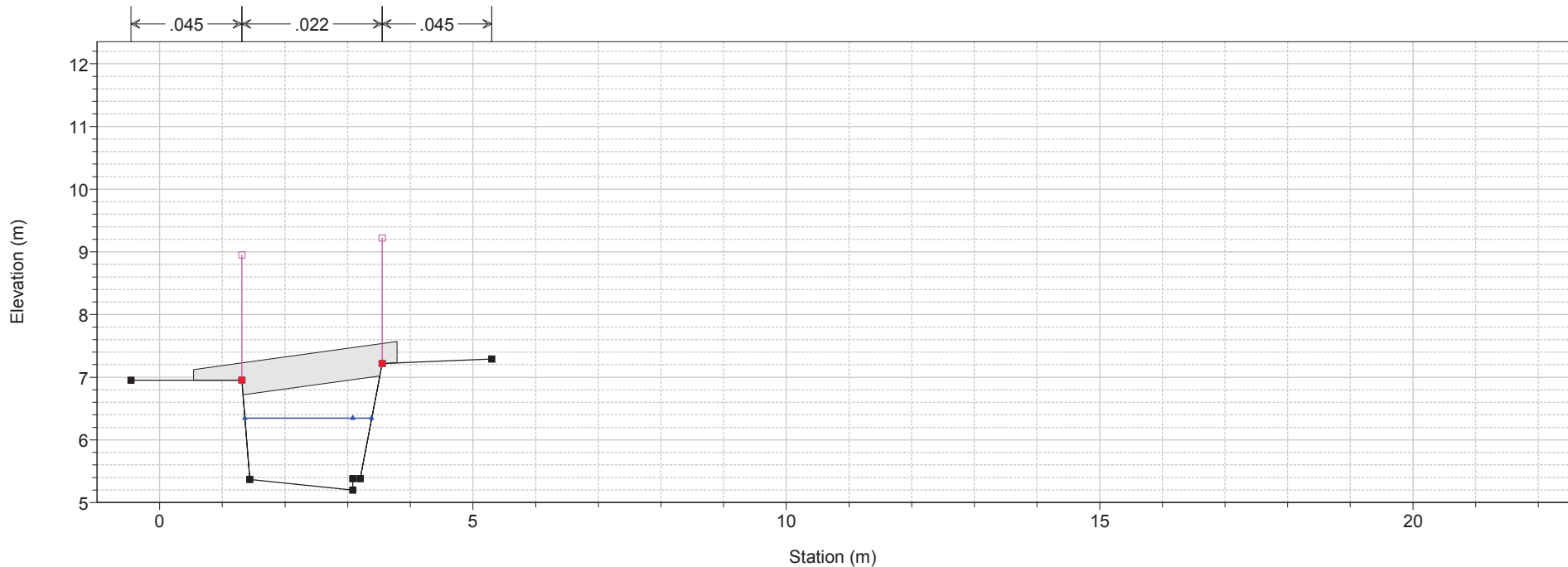


1) A TR 200 2) A TR 30
 River = mozzinone Reach = mozzicone RS = 587 Sez. 18



1 cm Horiz. = 1 m 1 cm Vert. = 1 m

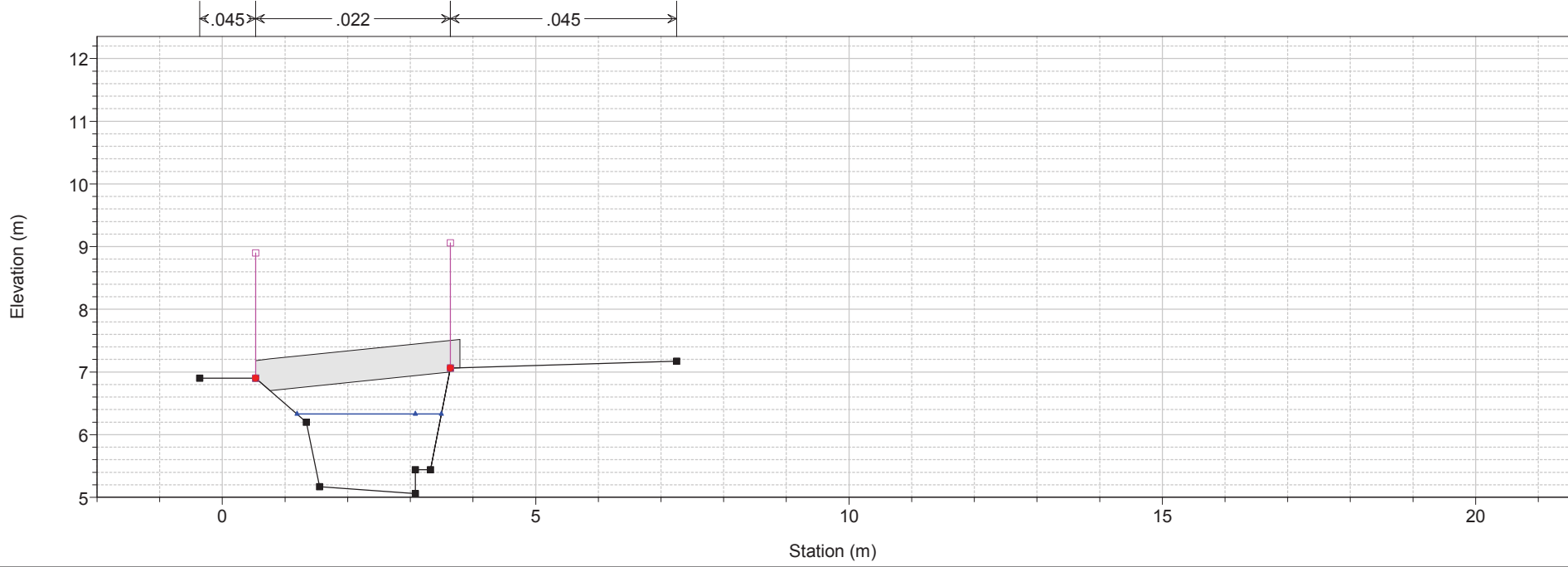
1) A TR 200 2) A TR 30
 River = mozzinone Reach = mozzicone RS = 586 Sez. 17



Legend

- WS Max WS - A TR 200
- WS Max WS - A TR 30
- Ground
- Levee
- Bank Sta

1) A TR 200 2) A TR 30
 River = mozzinone Reach = mozzicone RS = 585 Sez. 16



Legend

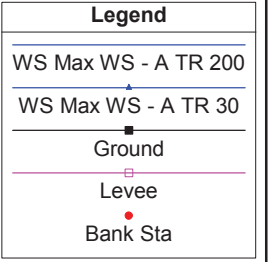
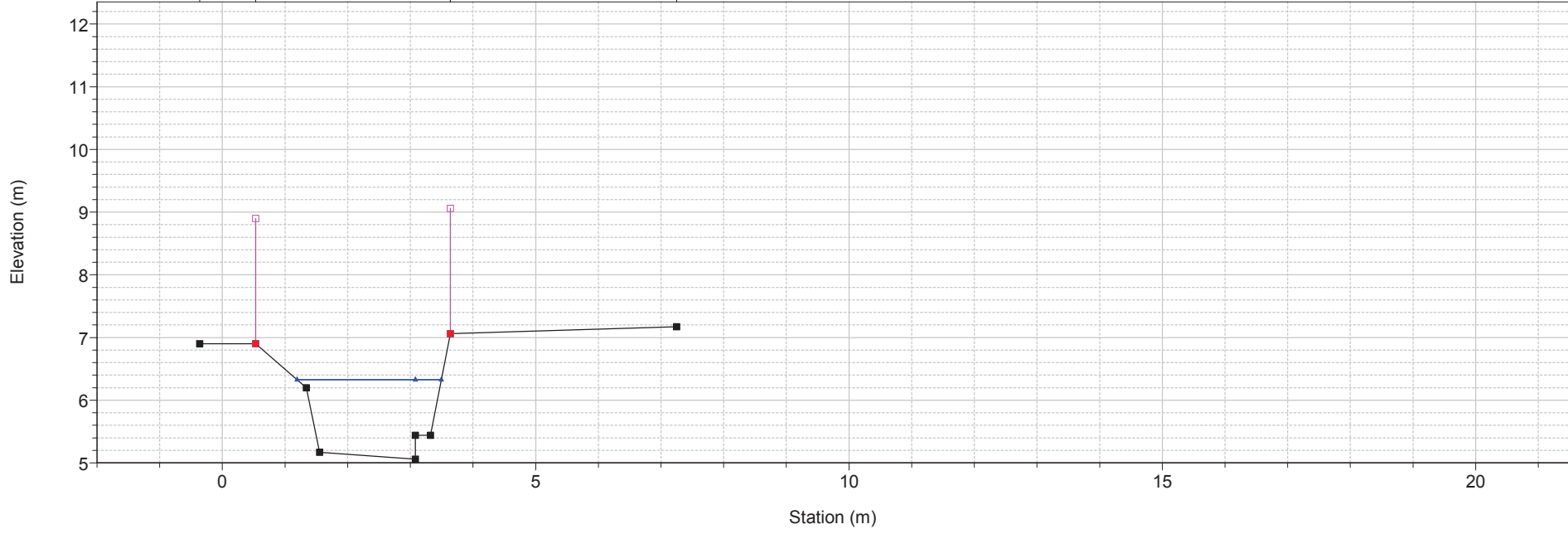
- WS Max WS - A TR 200
- WS Max WS - A TR 30
- Ground
- Levee
- Bank Sta

1 cm Horiz. = 1 m 1 cm Vert. = 1 m

1) A TR 200 2) A TR 30

River = mozzinone Reach = mozzicone RS = 584.99 Sez. 16

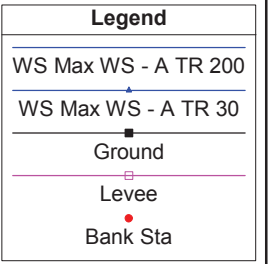
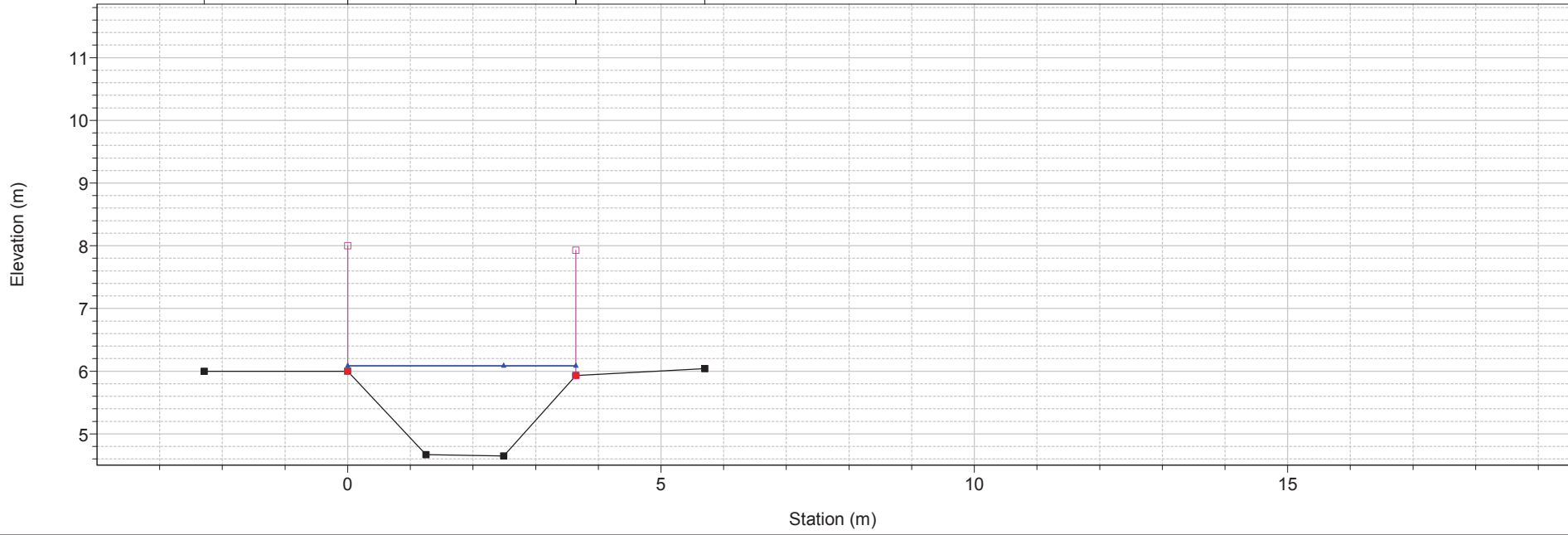
←.045→ .022 →.045→



1) A TR 200 2) A TR 30

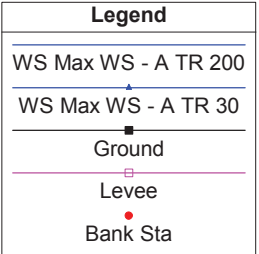
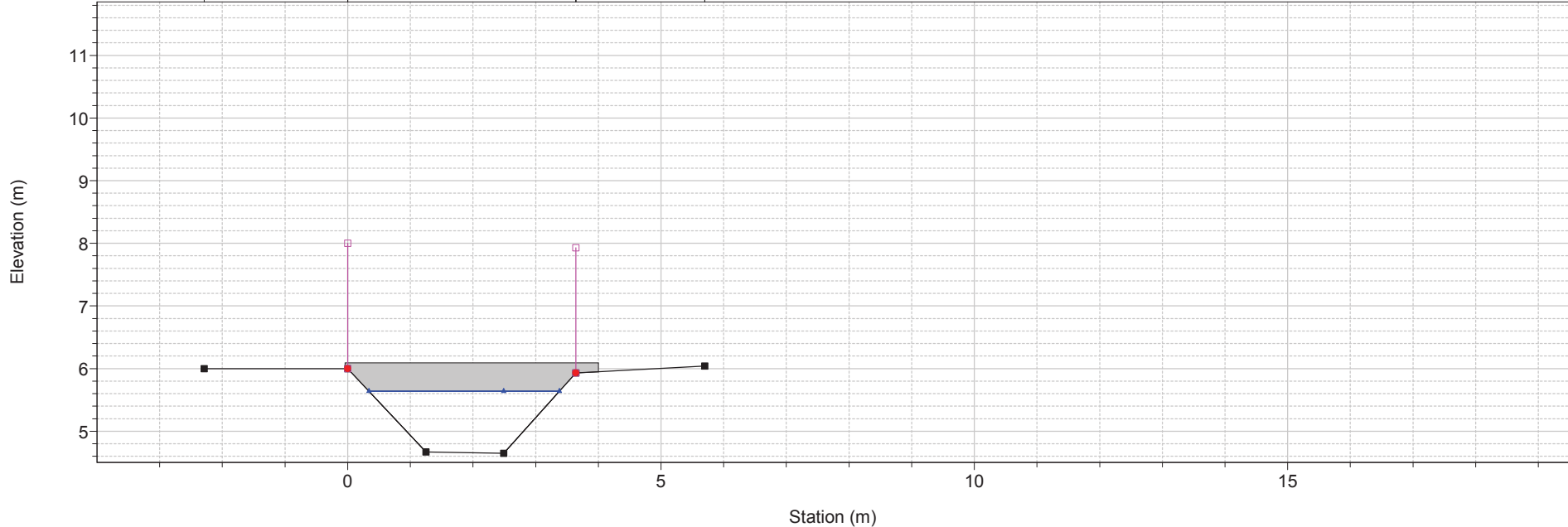
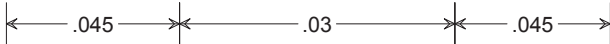
River = mozzinone Reach = mozzicone RS = 584 Sez. 15

←.045→ .03 →.045→



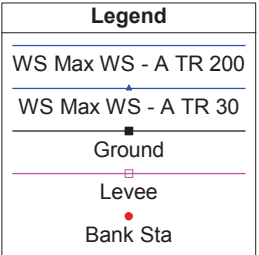
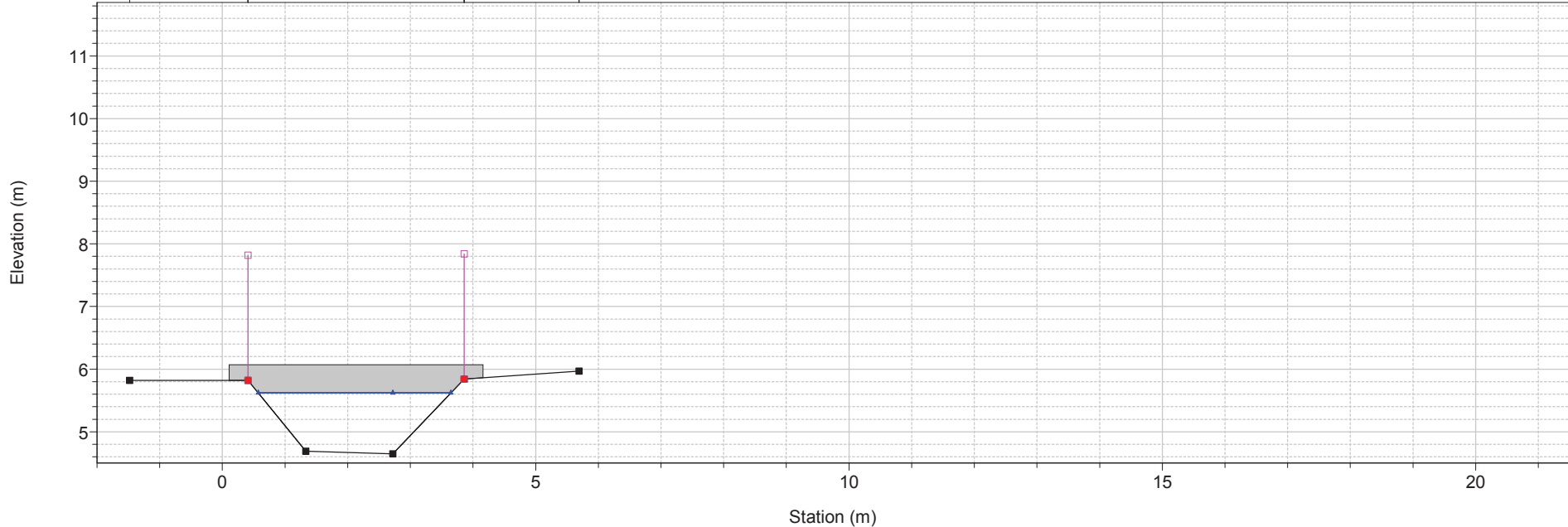
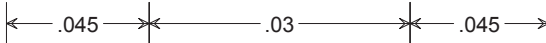
1) A TR 200 2) A TR 30

River = mozzinone Reach = mozzicone RS = 583.5 BR

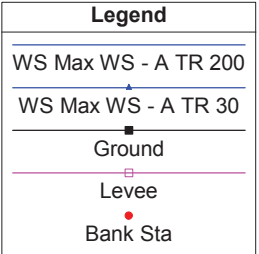
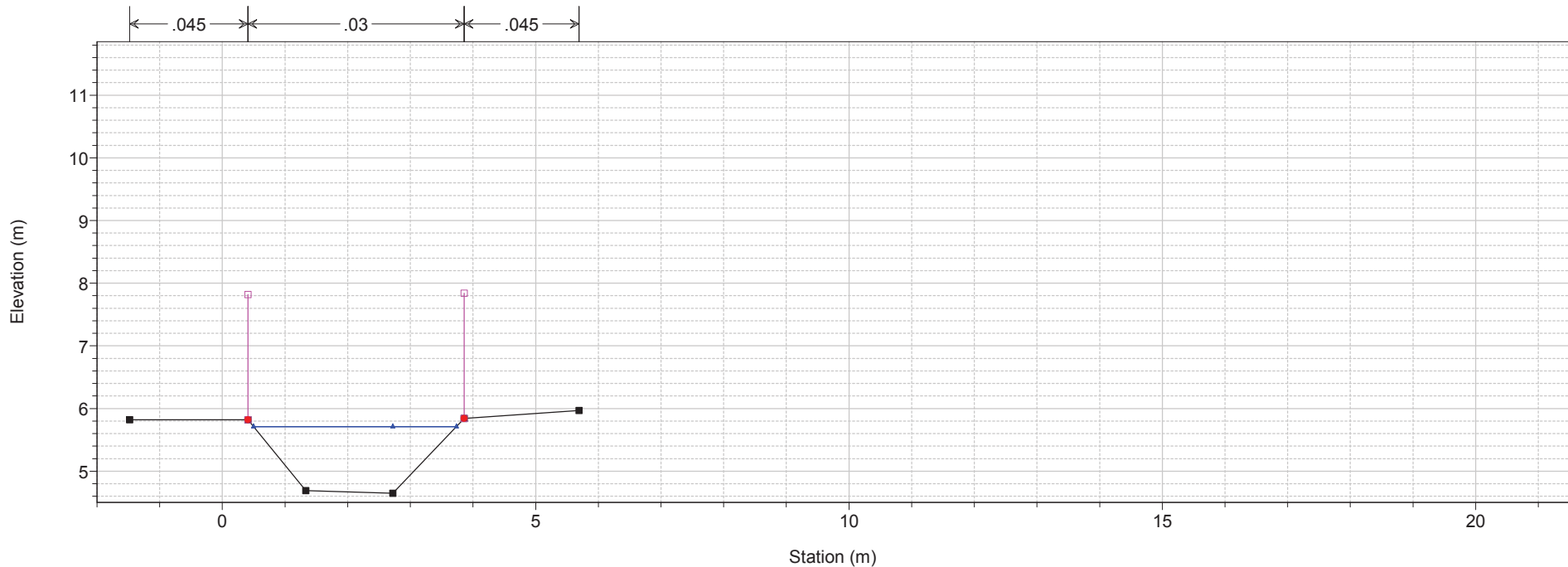


1) A TR 200 2) A TR 30

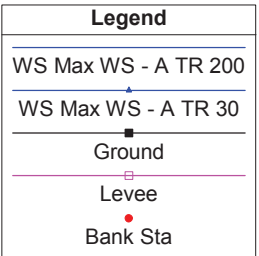
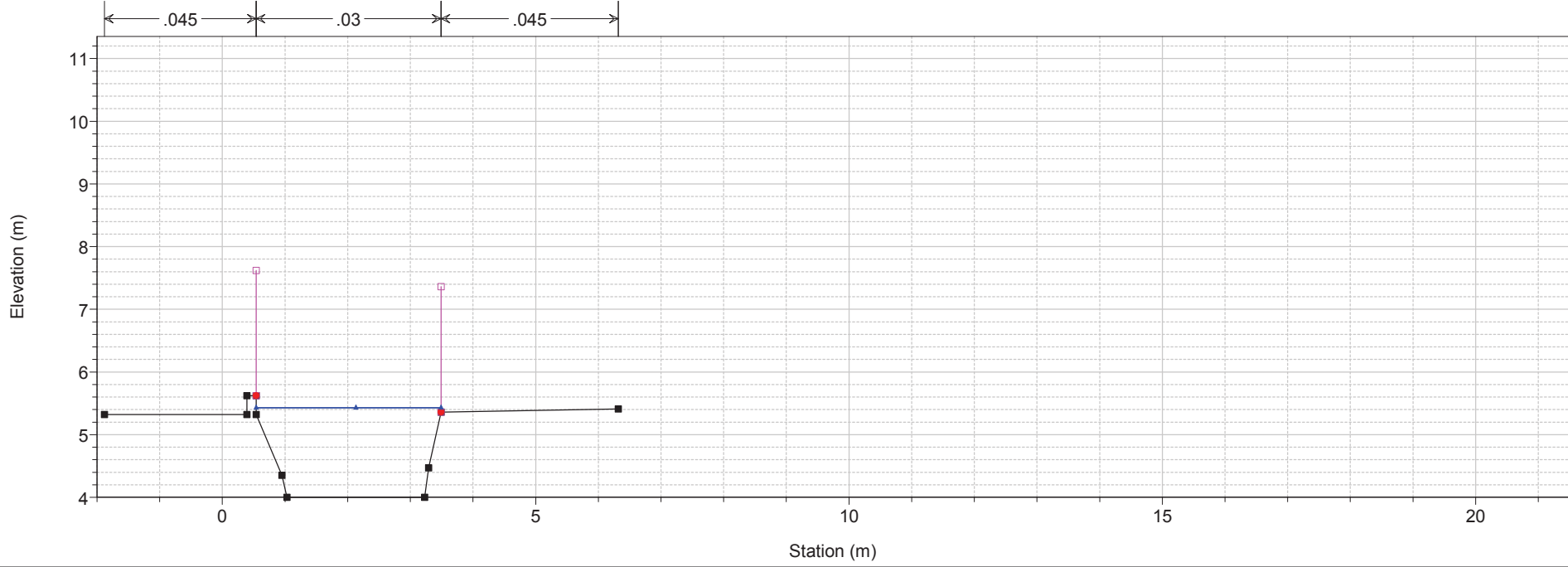
River = mozzinone Reach = mozzicone RS = 583.5 BR



1) A TR 200 2) A TR 30
 River = mozzinone Reach = mozzicone RS = 583 Sez. 14



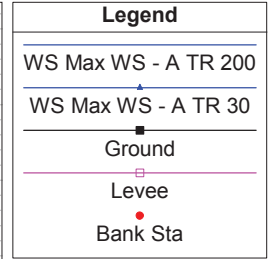
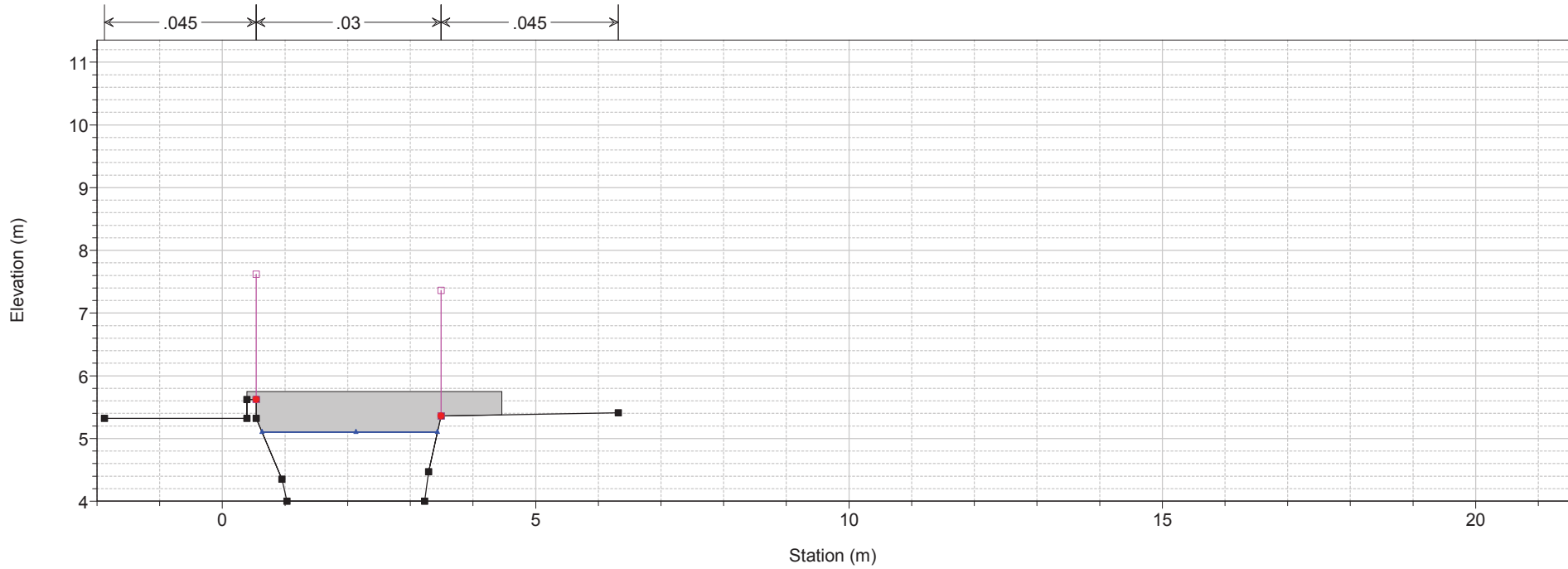
1) A TR 200 2) A TR 30
 River = mozzinone Reach = mozzicone RS = 582 Sez. 13



1 cm Horiz. = 1 m 1 cm Vert. = 1 m

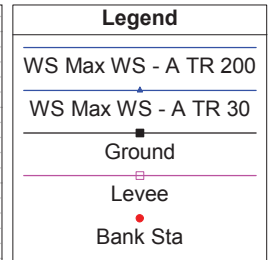
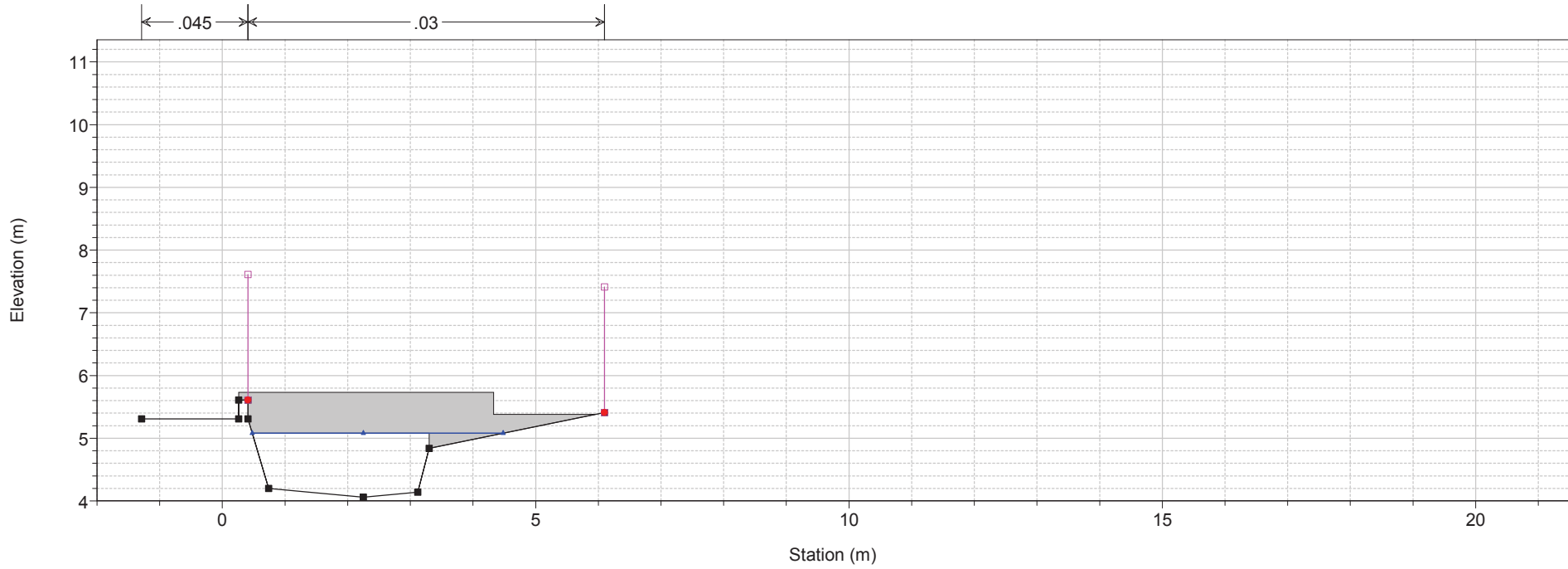
1) A TR 200 2) A TR 30

River = mozzinone Reach = mozzicone RS = 581.5 BR

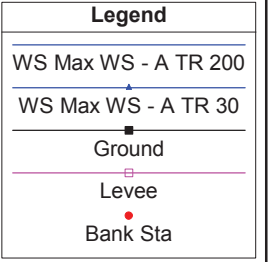
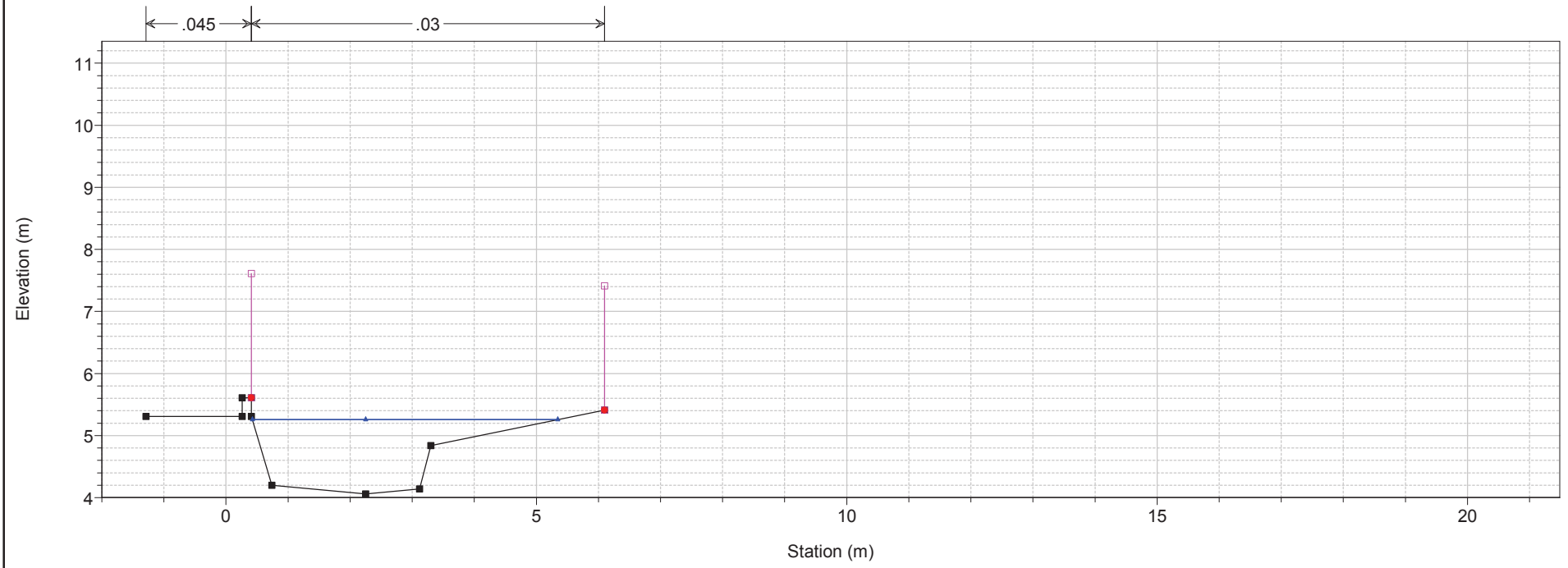


1) A TR 200 2) A TR 30

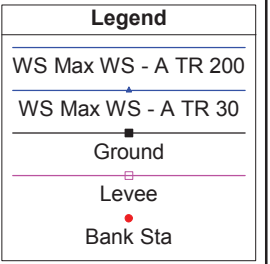
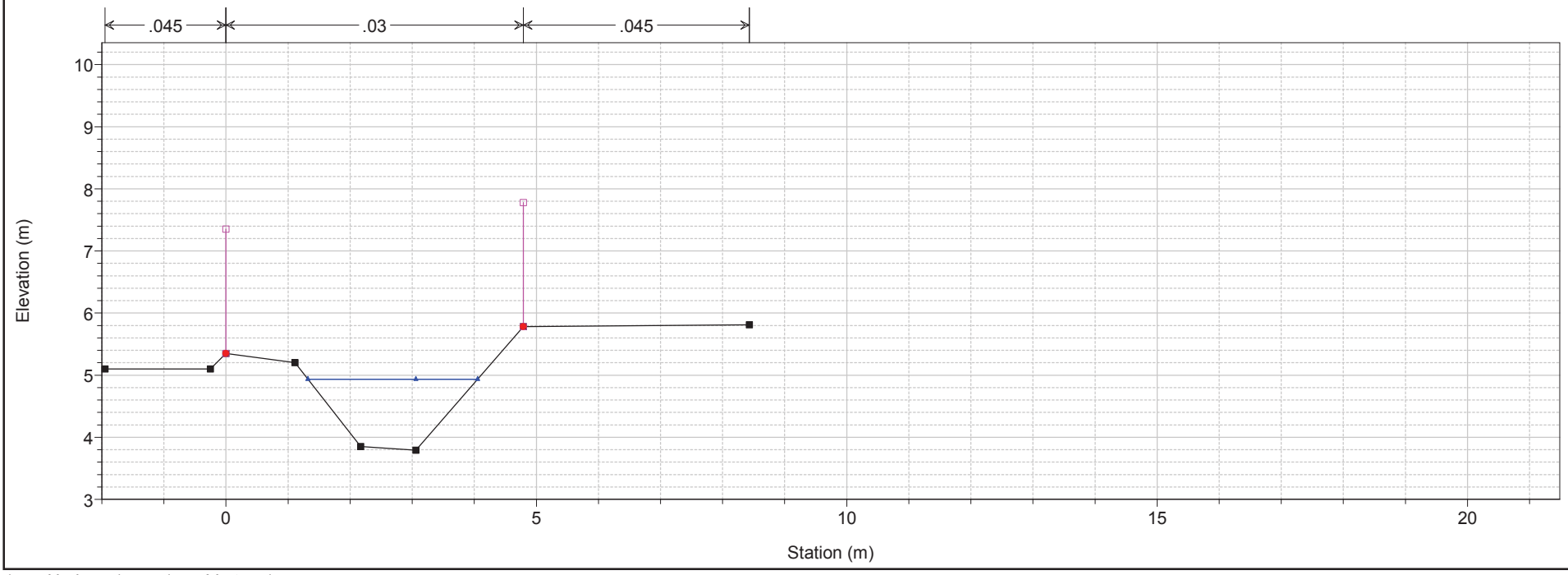
River = mozzinone Reach = mozzicone RS = 581.5 BR



1) A TR 200 2) A TR 30
 River = mozzinone Reach = mozzicone RS = 581 Sez. 12



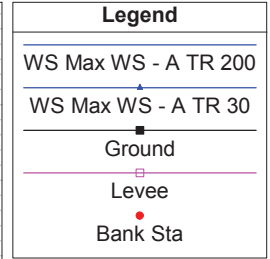
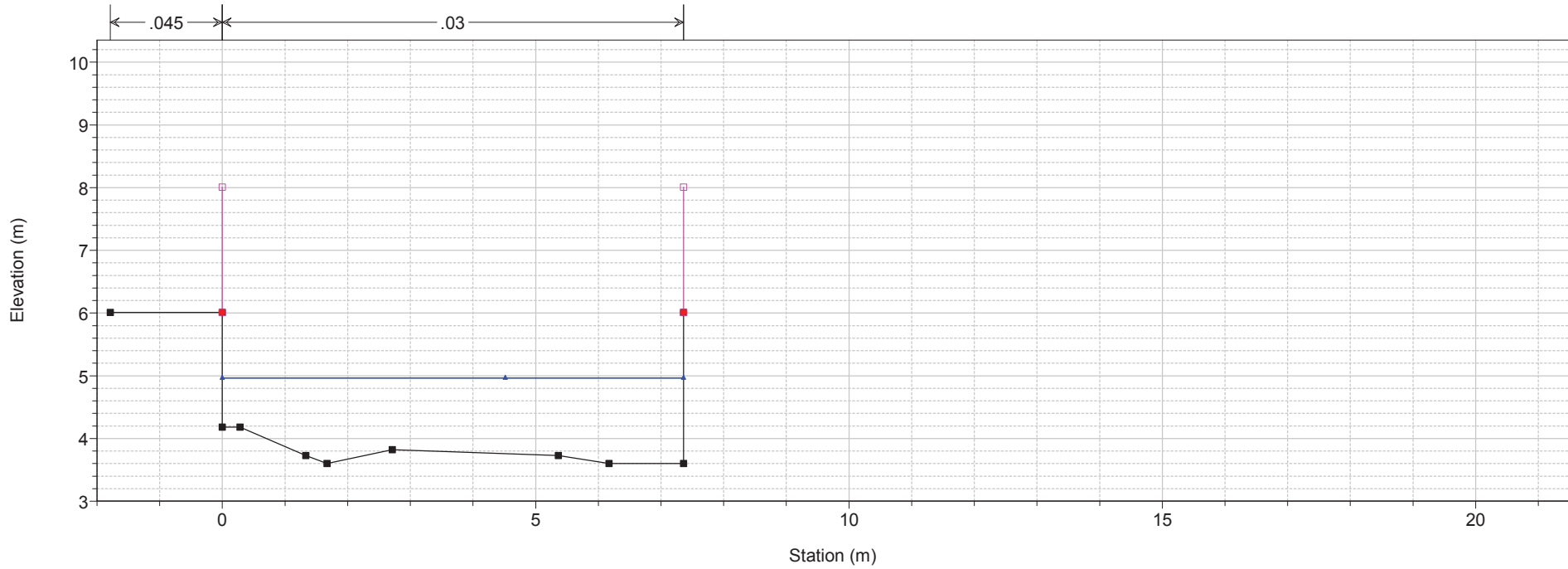
1) A TR 200 2) A TR 30
 River = mozzinone Reach = mozzicone RS = 580 Sez. 11bis



1 cm Horiz. = 1 m 1 cm Vert. = 1 m

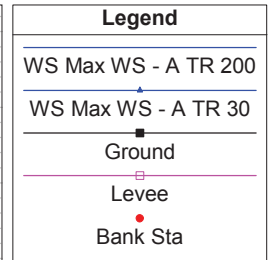
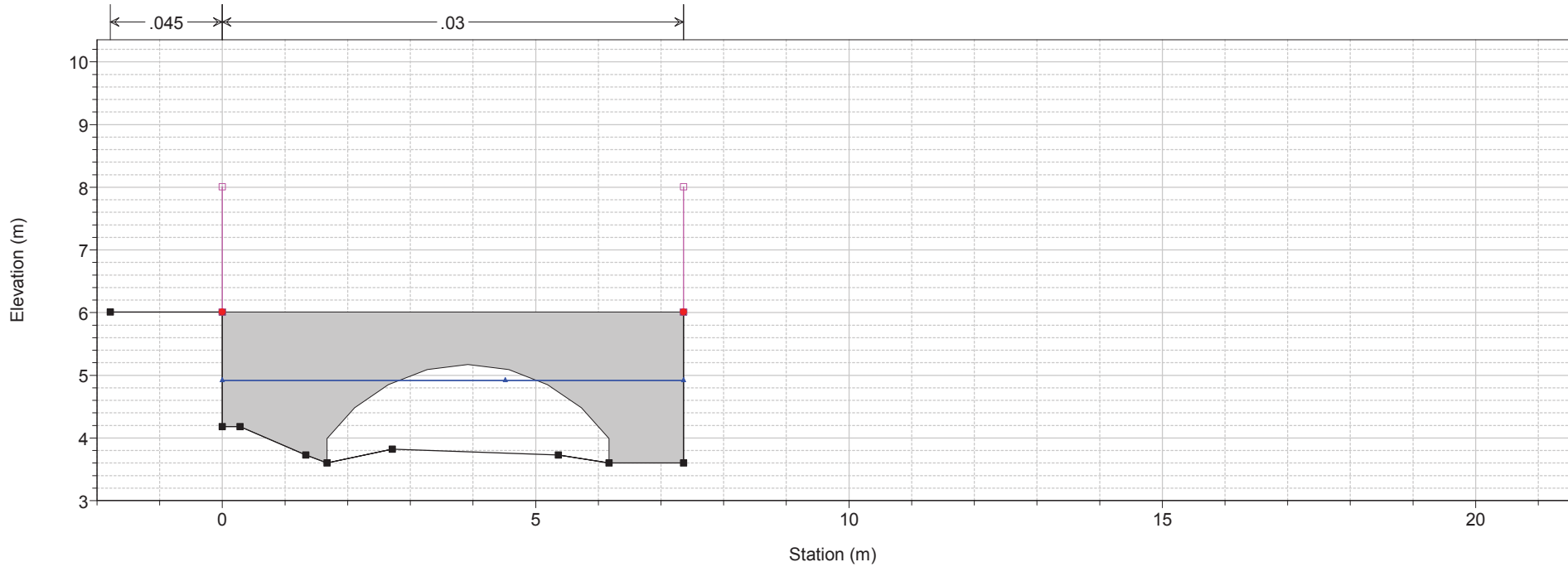
1) A TR 200 2) A TR 30

River = mozzinone Reach = mozzicone RS = 579 Sez. 11



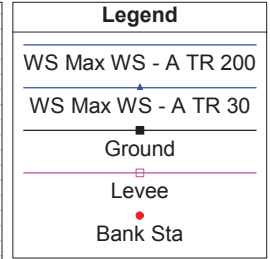
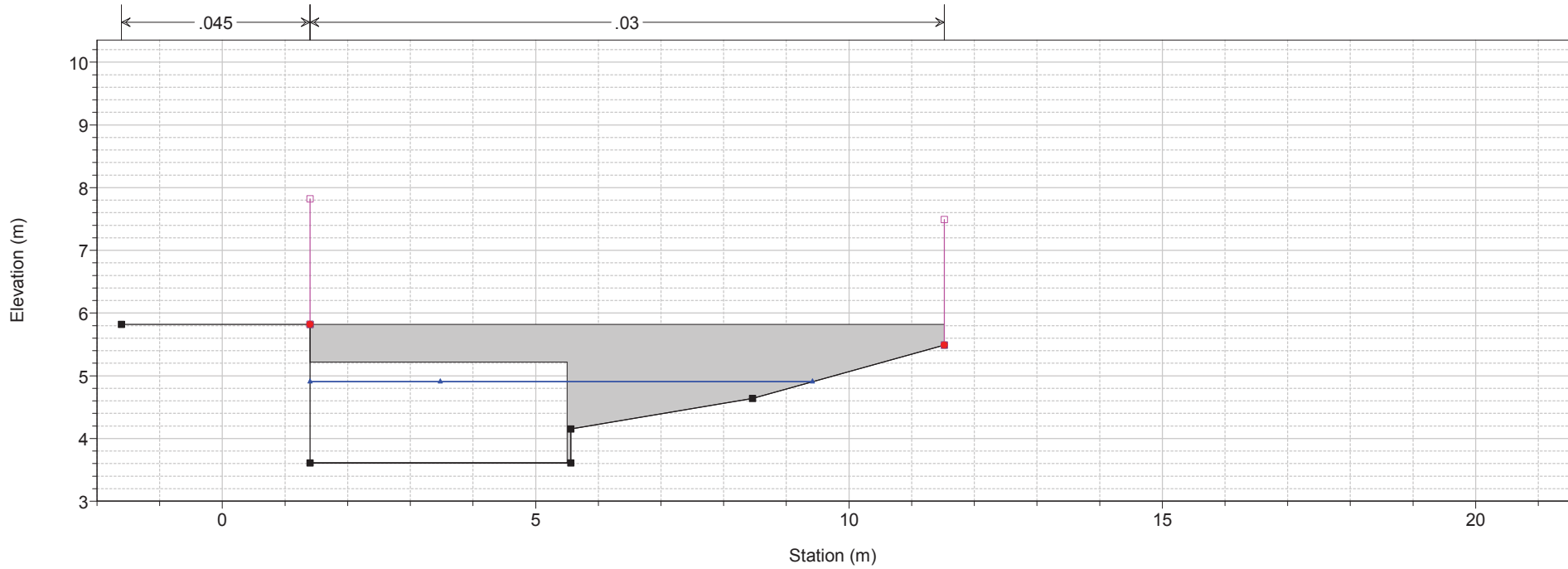
1) A TR 200 2) A TR 30

River = mozzinone Reach = mozzicone RS = 578.5 BR



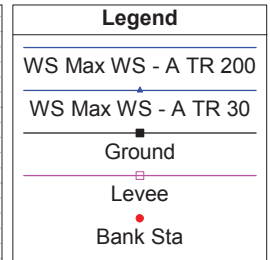
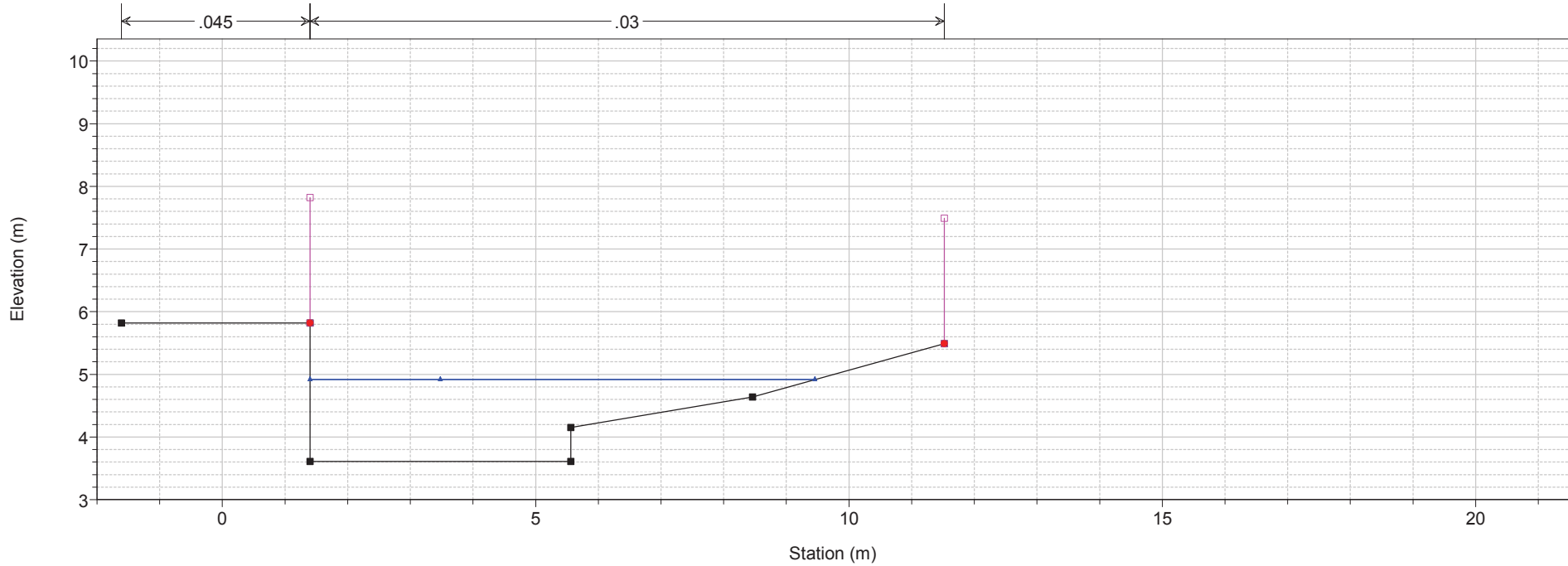
1) A TR 200 2) A TR 30

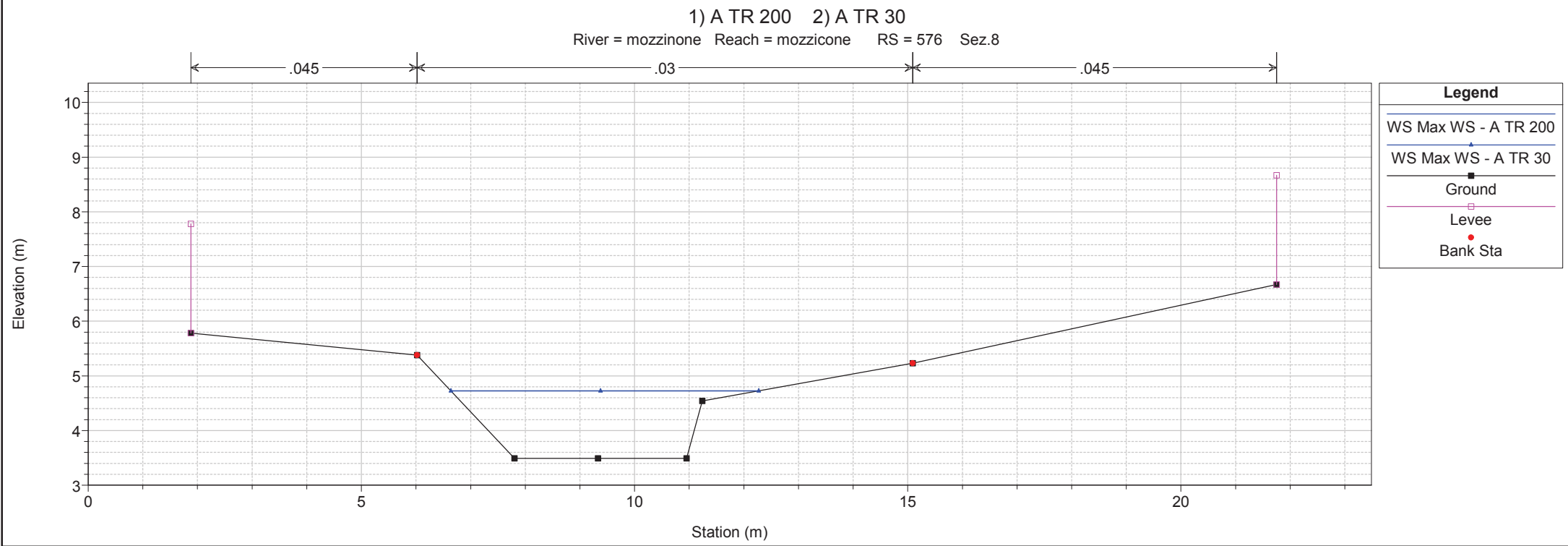
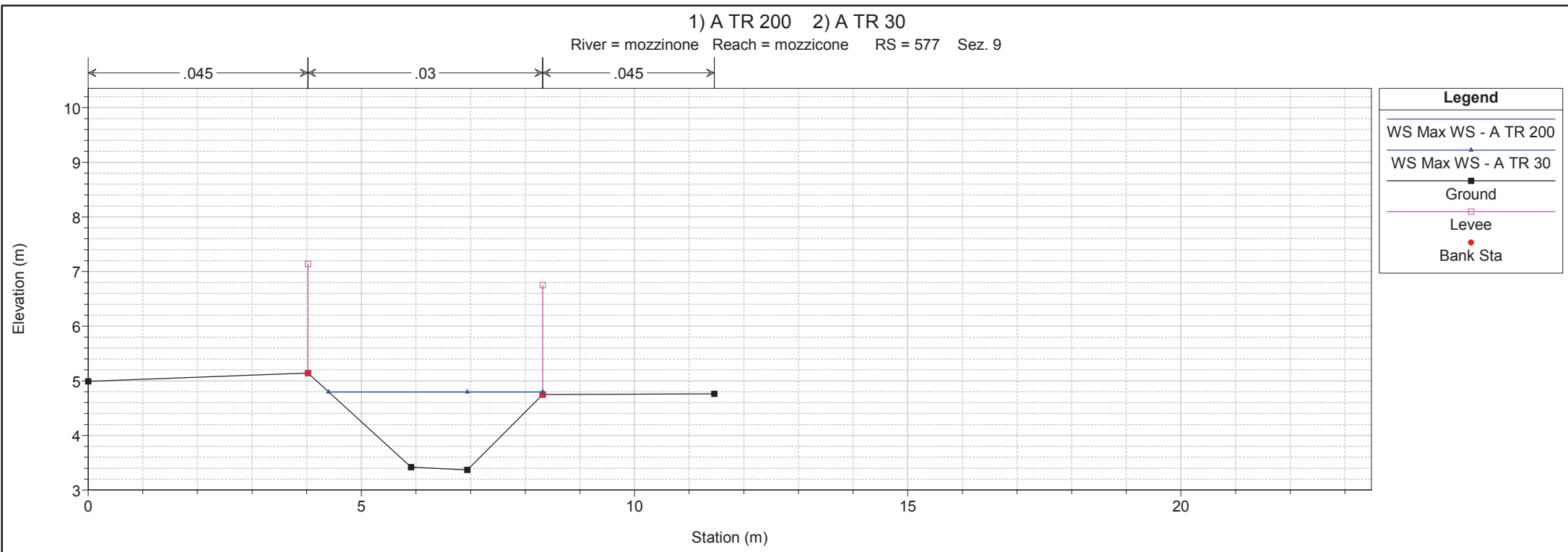
River = mozzinone Reach = mozzicone RS = 578.5 BR



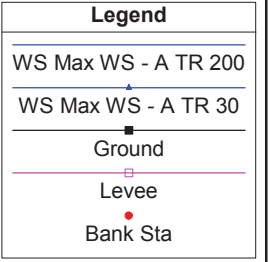
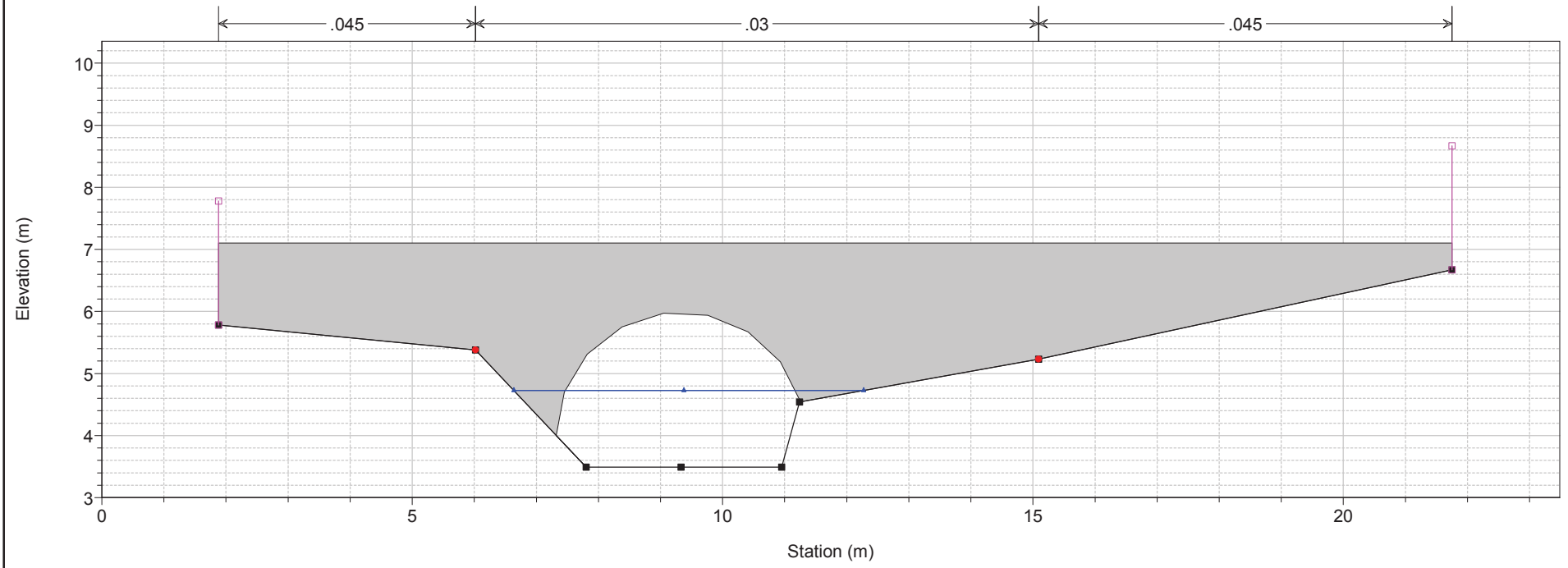
1) A TR 200 2) A TR 30

River = mozzinone Reach = mozzicone RS = 578 Sez. 10

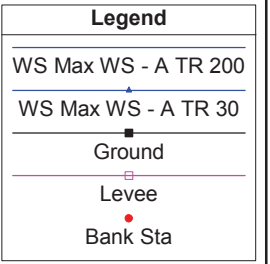
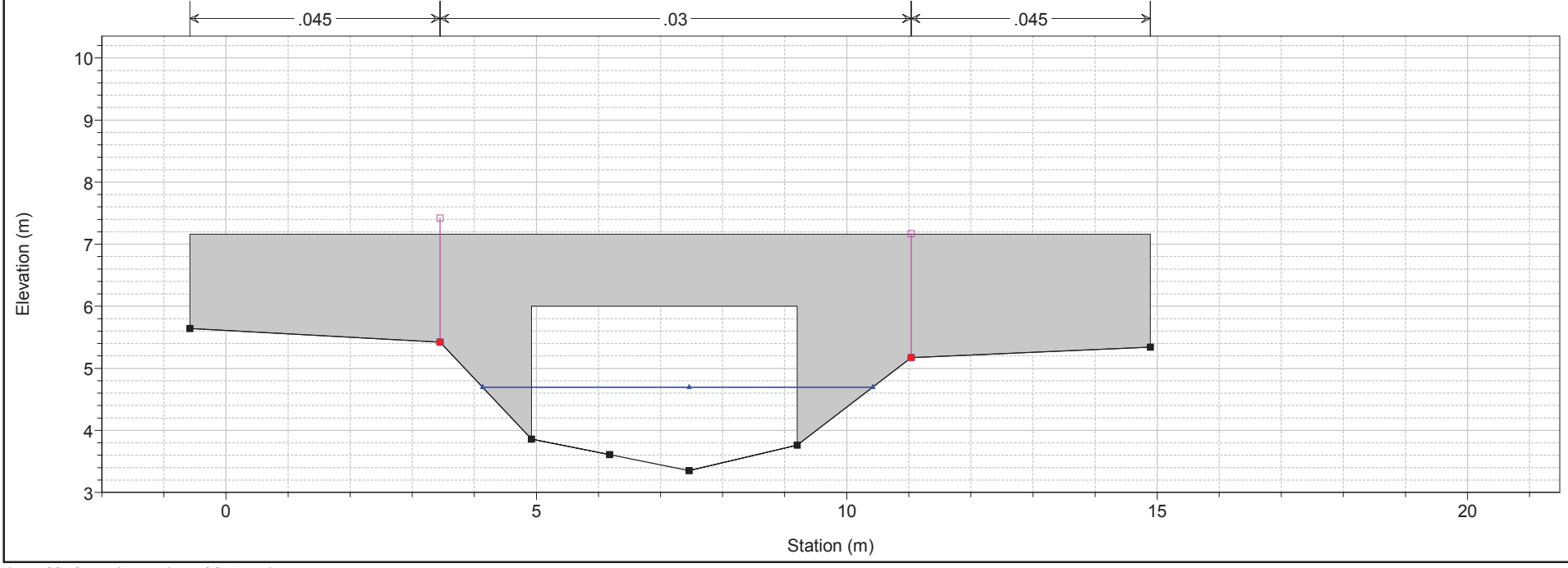


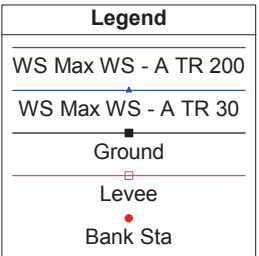
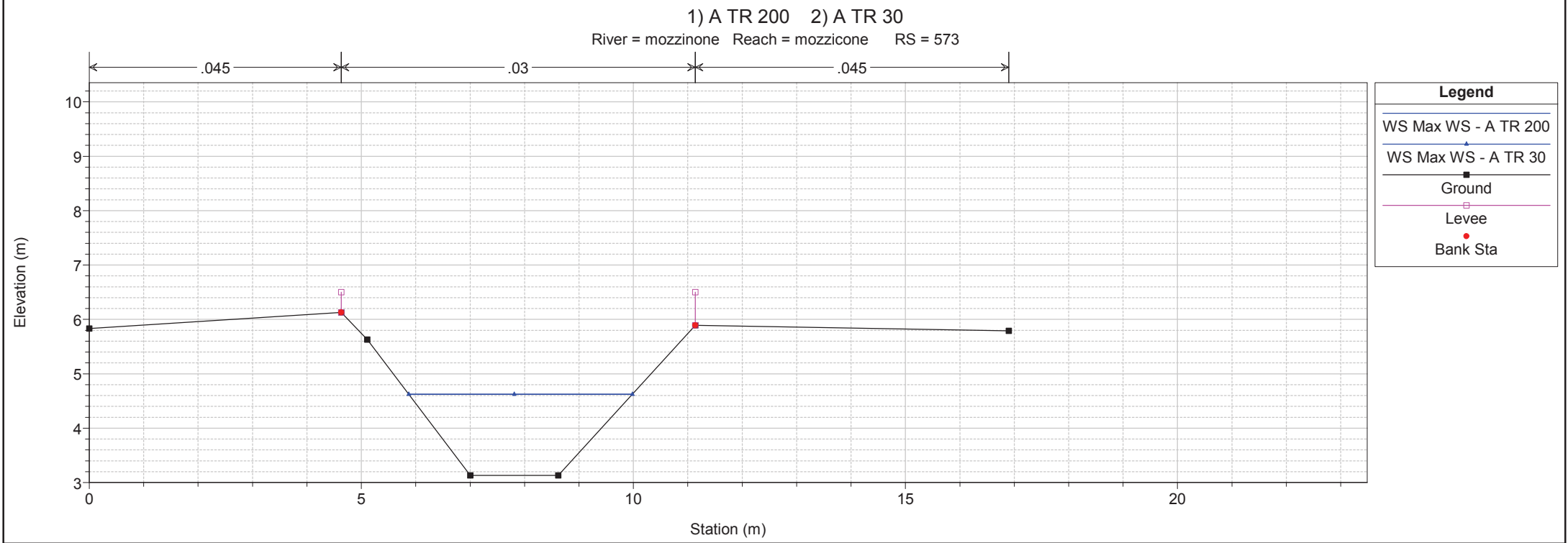
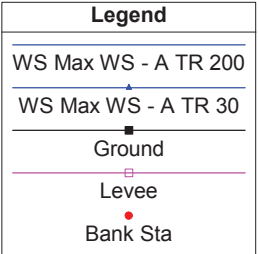
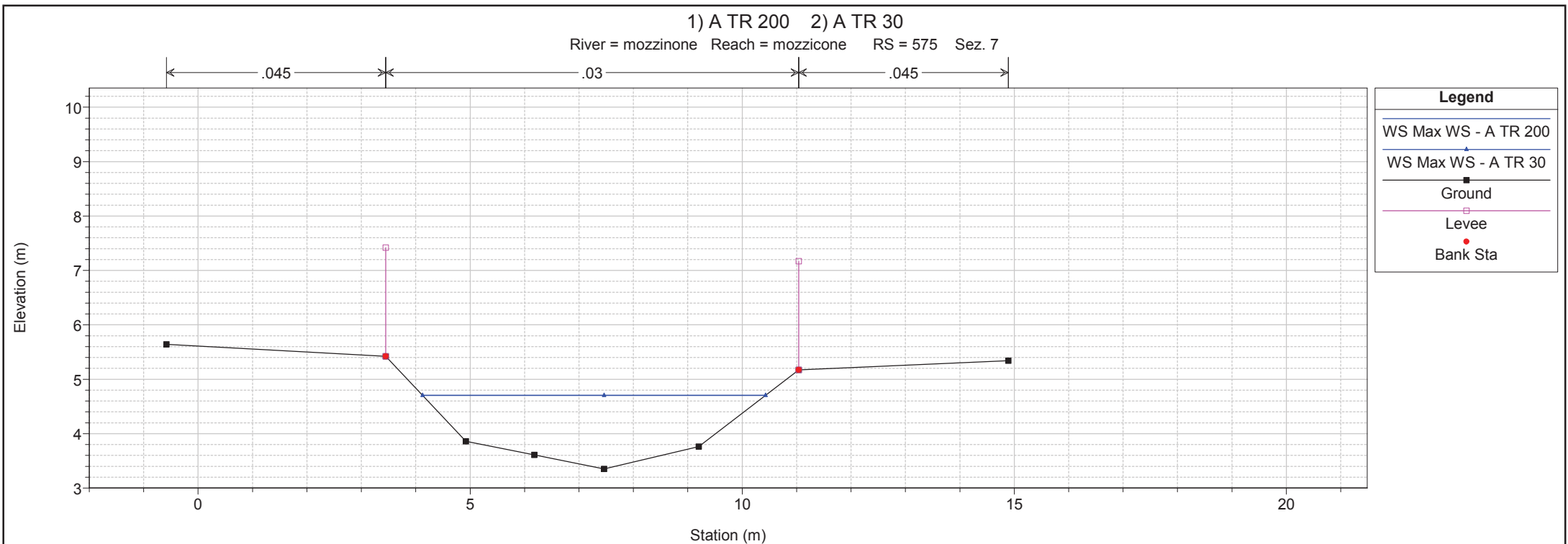


1) A TR 200 2) A TR 30
 River = mozzicone Reach = mozzicone RS = 575.5 BR

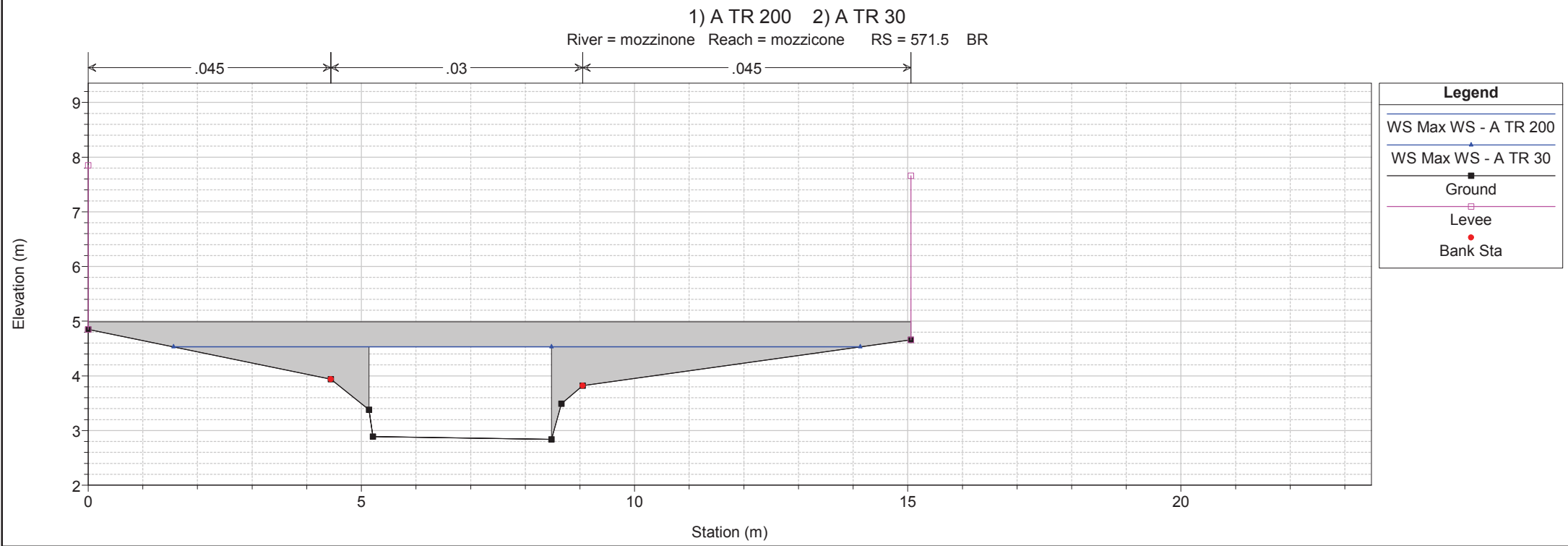
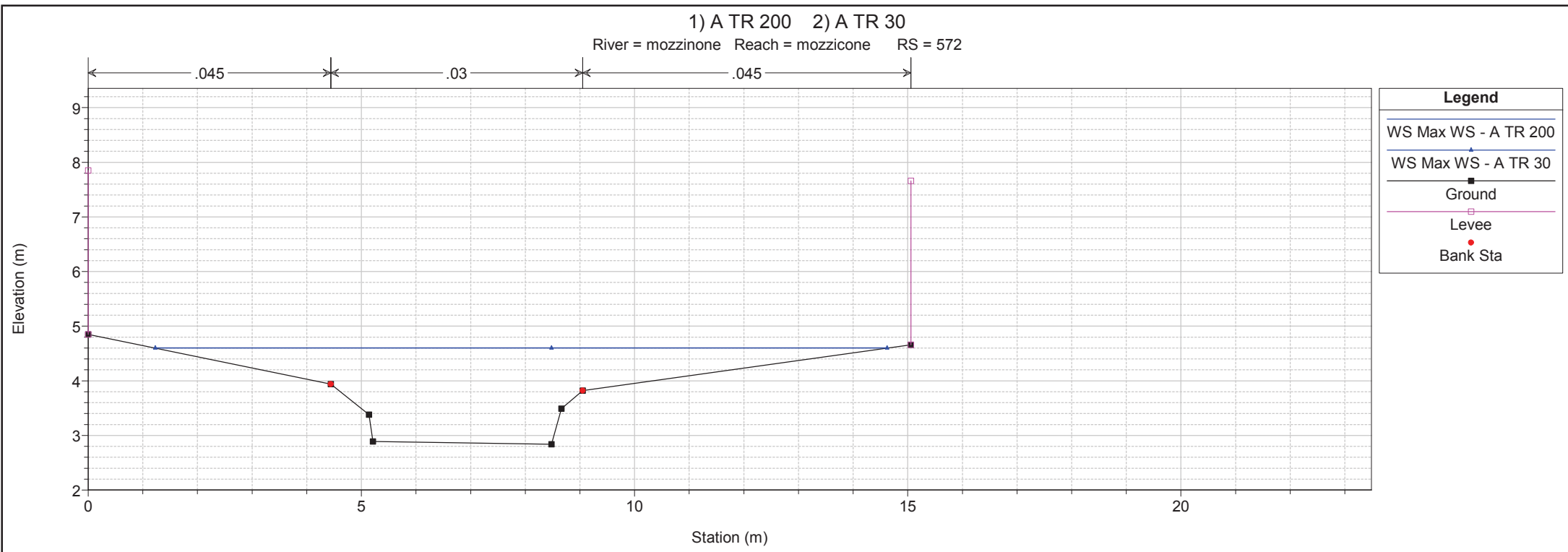


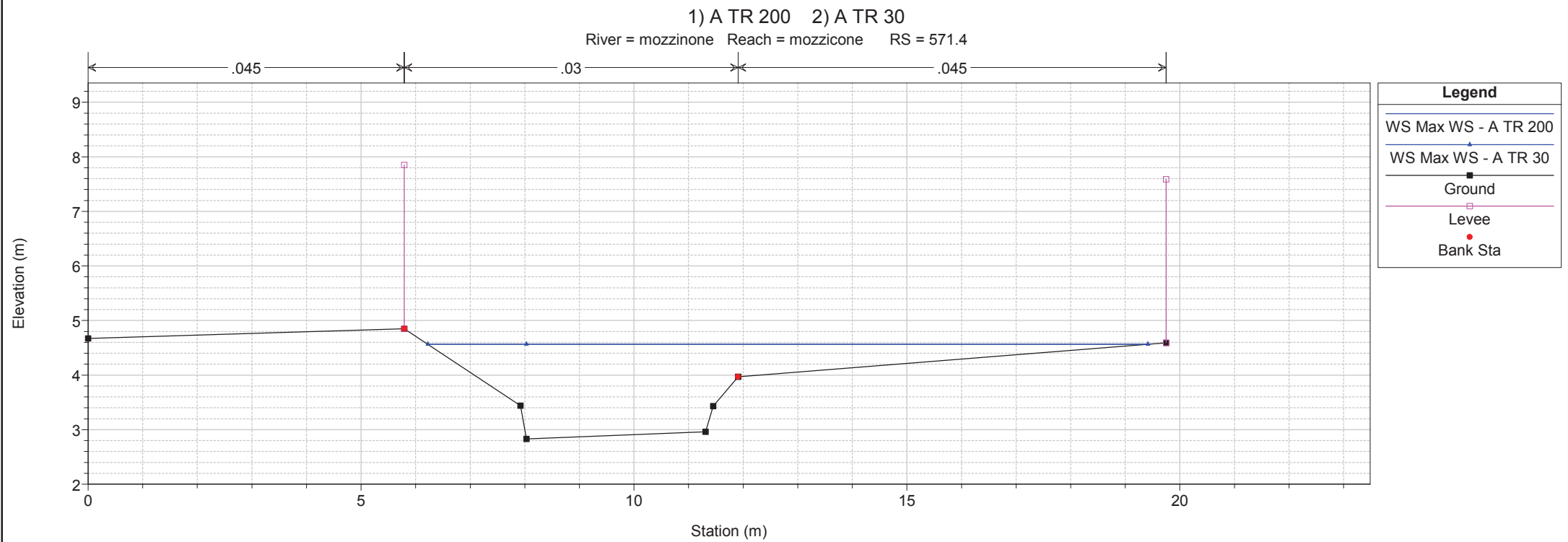
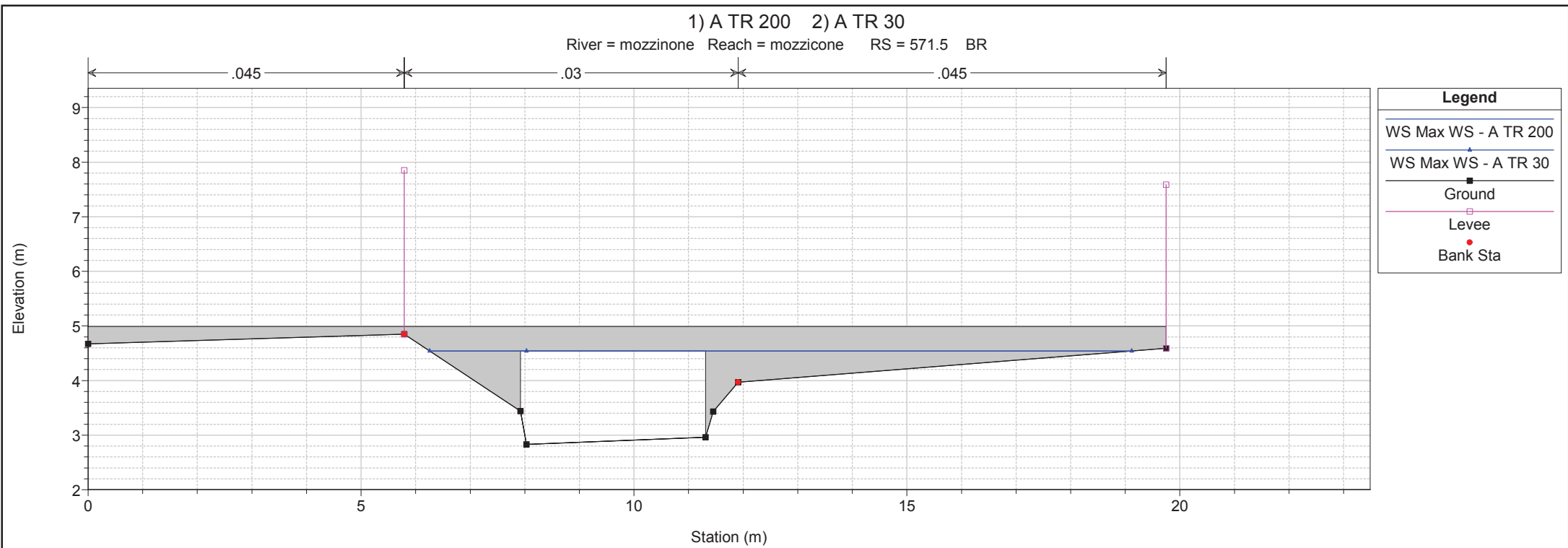
1) A TR 200 2) A TR 30
 River = mozzicone Reach = mozzicone RS = 575.5 BR

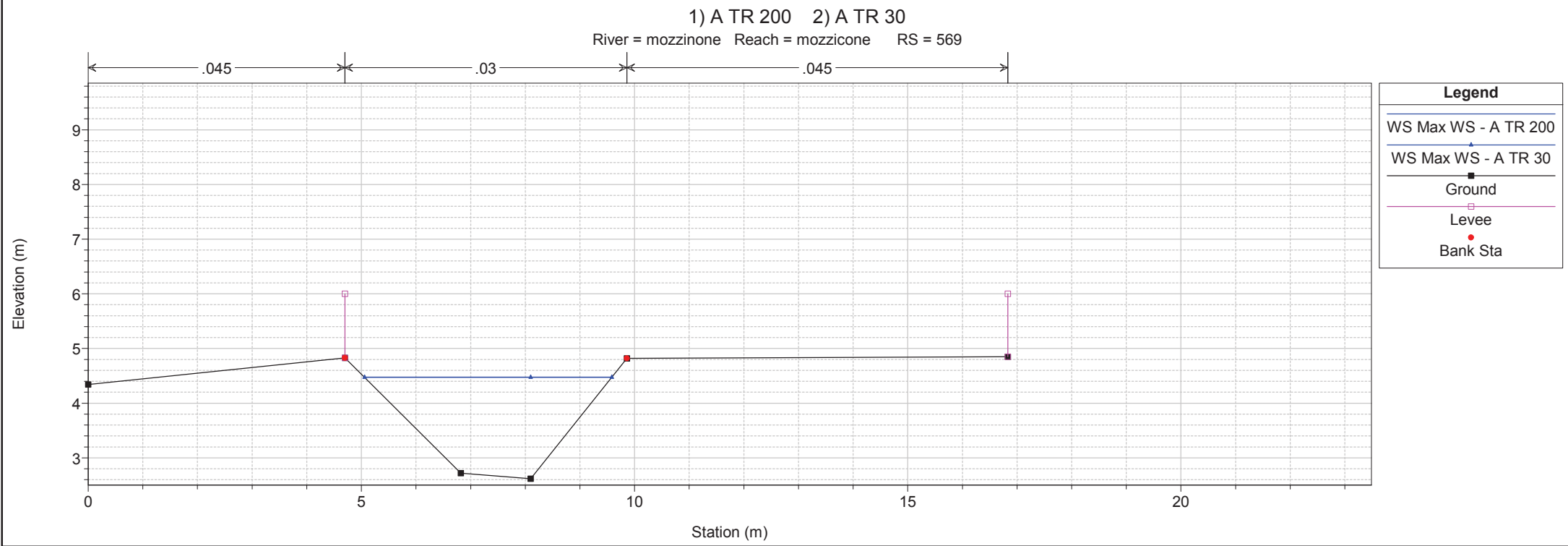
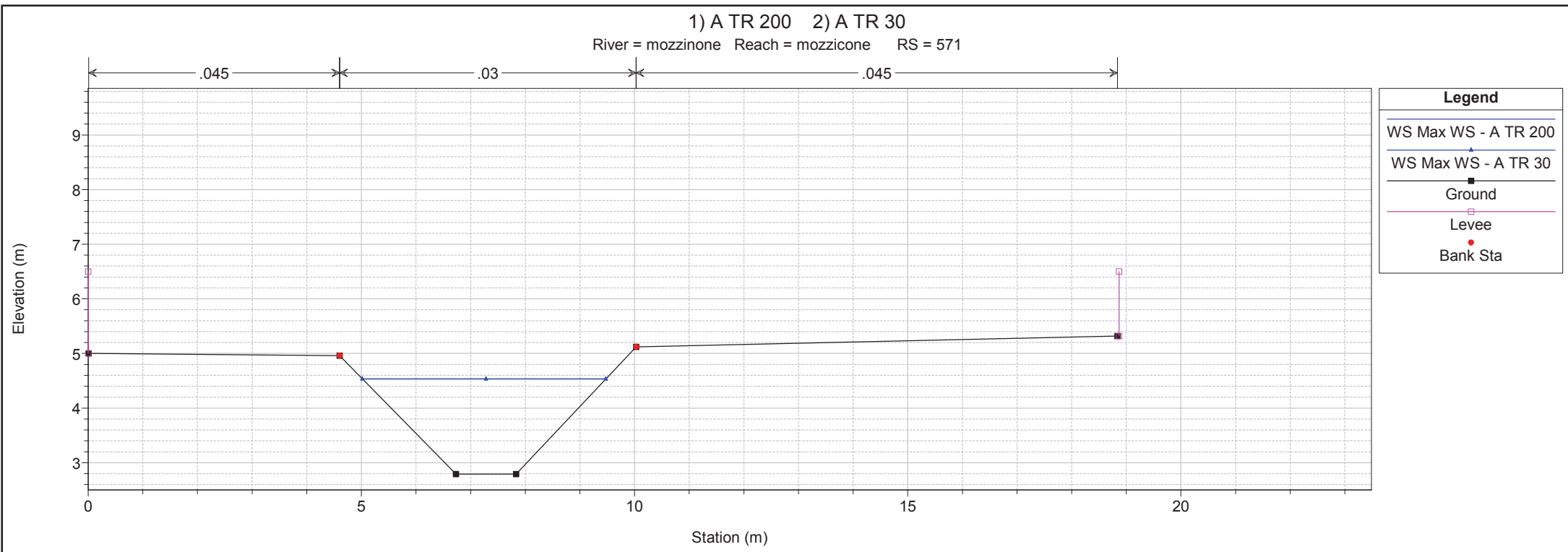




1 cm Horiz. = 1 m 1 cm Vert. = 1 m

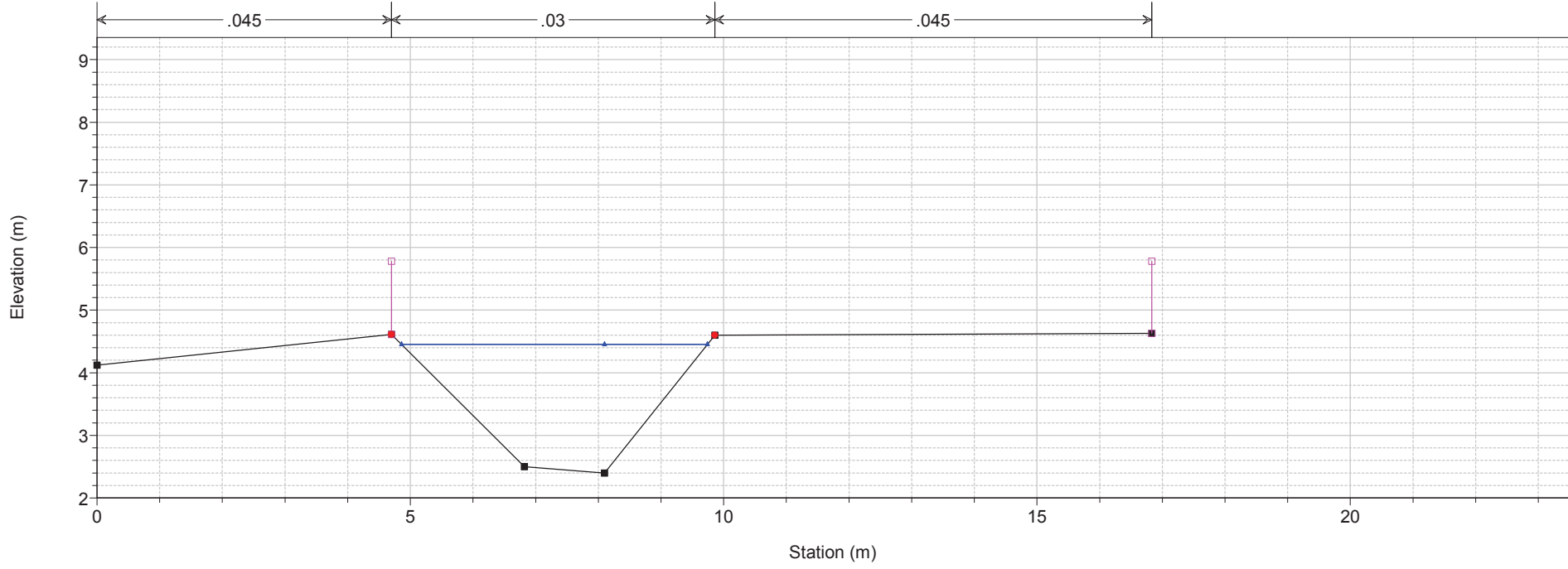






1) A TR 200 2) A TR 30

River = mozzinone Reach = mozzicone RS = 568



Legend

- WS Max WS - A TR 200
- WS Max WS - A TR 30
- Ground
- Levee
- Bank Sta

River	Reach	River Sta	Plan	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
vallecorsa	vallecorsa	114	A TR 200	23.41	8.99	10.61	10.84	11.40	0.017746	4.20	7.18	11.50	1.30
vallecorsa	vallecorsa	114	A TR 30	12.43	8.99	10.41	10.52	10.85	0.012203	3.03	4.85	11.50	1.04
vallecorsa	vallecorsa	113.99	A TR 200	23.41	8.99	10.61	10.84	11.40	0.017876	4.21	7.16	11.50	1.30
vallecorsa	vallecorsa	113.99	A TR 30	12.43	8.99	10.41	10.52	10.85	0.012275	3.03	4.83	11.50	1.04
vallecorsa	vallecorsa	113.98		Lat Struct									
vallecorsa	vallecorsa	113.97		Lat Struct									
vallecorsa	vallecorsa	113	A TR 200	7.49	7.39	8.67	8.59	8.95	0.009153	2.35	3.29	7.38	0.86
vallecorsa	vallecorsa	113	A TR 30	7.37	7.39	8.66	8.58	8.94	0.009156	2.34	3.23	7.37	0.86
vallecorsa	vallecorsa	112	A TR 200	6.07	6.12	7.70	7.23	7.80	0.002495	1.39	4.38	4.56	0.45
vallecorsa	vallecorsa	112	A TR 30	6.04	6.12	7.70	7.23	7.80	0.002501	1.38	4.36	4.55	0.45
vallecorsa	vallecorsa	111.5		Bridge									
vallecorsa	vallecorsa	111	A TR 200	6.07	6.23	7.42	7.27	7.62	0.006163	1.97	3.33	6.60	0.71
vallecorsa	vallecorsa	111	A TR 30	6.04	6.23	7.42	7.26	7.62	0.006154	1.97	3.32	6.57	0.71
vallecorsa	vallecorsa	110.98		Lat Struct									
vallecorsa	vallecorsa	110.97		Lat Struct									
vallecorsa	vallecorsa	110	A TR 200	3.50	5.61	6.62	6.56	6.74	0.005681	1.55	2.72	7.77	0.67
vallecorsa	vallecorsa	110	A TR 30	3.50	5.61	6.62	6.55	6.73	0.005680	1.55	2.72	7.77	0.67
vallecorsa	vallecorsa	109	A TR 200	2.85	5.08	6.21	5.78	6.27	0.002104	1.08	2.64	3.60	0.40
vallecorsa	vallecorsa	109	A TR 30	2.85	5.08	6.21	5.78	6.27	0.002106	1.08	2.64	3.59	0.40
vallecorsa	vallecorsa	108.5		Bridge									
vallecorsa	vallecorsa	108	A TR 200	2.85	5.11	5.76	5.73	5.96	0.011433	1.97	1.45	3.09	0.92
vallecorsa	vallecorsa	108	A TR 30	2.85	5.11	5.76	5.73	5.96	0.011442	1.97	1.44	3.08	0.92
vallecorsa	vallecorsa	107.98		Lat Struct									
vallecorsa	vallecorsa	107.97		Lat Struct									
vallecorsa	vallecorsa	107.5	A TR 200	2.85	4.81	5.53	5.53	5.76	0.013838	2.12	1.35	2.94	1.00
vallecorsa	vallecorsa	107.5	A TR 30	2.85	4.81	5.53	5.53	5.76	0.013848	2.12	1.34	2.94	1.00
vallecorsa	vallecorsa	106	A TR 200	2.85	4.50	5.31	5.22	5.48	0.008862	1.84	1.55	2.81	0.79
vallecorsa	vallecorsa	106	A TR 30	2.85	4.50	5.31	5.22	5.48	0.008863	1.84	1.55	2.81	0.79
vallecorsa	vallecorsa	105	A TR 200	2.85	4.15	4.98	4.87	5.13	0.007574	1.70	1.68	3.24	0.75
vallecorsa	vallecorsa	105	A TR 30	2.85	4.15	4.98	4.87	5.13	0.007589	1.70	1.68	3.24	0.75
vallecorsa	vallecorsa	104	A TR 200	2.85	3.41	4.57	4.24	4.68	0.004337	1.44	1.99	2.62	0.53
vallecorsa	vallecorsa	104	A TR 30	2.85	3.41	4.57	4.24	4.67	0.004360	1.44	1.98	2.62	0.53
vallecorsa	vallecorsa	103	A TR 200	2.85	3.12	4.49	3.87	4.52	0.001053	0.82	3.47	4.28	0.29
vallecorsa	vallecorsa	103	A TR 30	2.85	3.12	4.48	3.87	4.52	0.001060	0.82	3.45	4.27	0.29
vallecorsa	vallecorsa	102	A TR 200	2.85	2.60	4.47	3.36	4.49	0.000258	0.50	6.02	11.41	0.15
vallecorsa	vallecorsa	102	A TR 30	2.85	2.60	4.47	3.36	4.48	0.000259	0.50	5.98	11.21	0.15
vallecorsa	vallecorsa	101.2	A TR 200	2.85	2.19	4.45	2.74	4.47	0.000205	0.57	5.00	9.62	0.12
vallecorsa	vallecorsa	101.2	A TR 30	2.85	2.19	4.45	2.74	4.47	0.000206	0.57	5.00	9.44	0.12
vallecorsa	valle	101	A TR 200	7.10	2.18	4.45	2.94	4.50	0.000595	0.91	8.49	11.34	0.19
vallecorsa	valle	101	A TR 30	7.08	2.18	4.45	2.94	4.49	0.000596	0.91	8.45	11.34	0.19
vallecorsa	valle	100.7	A TR 200	7.10	2.18	4.45	2.94	4.50	0.000595	0.91	8.49	11.34	0.19
vallecorsa	valle	100.7	A TR 30	7.08	2.18	4.45	2.94	4.49	0.000596	0.91	8.45	11.34	0.19
vallecorsa	valle	100.5		Bridge									
vallecorsa	valle	100	A TR 200	7.10	1.97	4.05	3.16	4.23	0.004970	1.85	3.84	6.13	0.43
vallecorsa	valle	100	A TR 30	7.08	1.97	4.05	3.16	4.22	0.004966	1.85	3.83	6.08	0.43
vallecorsa	valle	99.98		Lat Struct									
vallecorsa	valle	99.97		Lat Struct									
vallecorsa	valle	99	A TR 200	7.10	1.93	3.69	3.25	4.05	0.017050	2.64	2.69	2.31	0.78
vallecorsa	valle	99	A TR 30	7.08	1.93	3.69	3.24	4.05	0.017003	2.64	2.68	2.28	0.78
vallecorsa	valle	98	A TR 200	7.10	1.80	3.09	2.80	3.26	0.004505	1.79	3.97	4.62	0.61
vallecorsa	valle	98	A TR 30	7.08	1.80	3.09	2.80	3.25	0.004502	1.78	3.97	4.62	0.61
vallecorsa	valle	97	A TR 200	7.10	1.16	2.78	2.30	2.90	0.002984	1.56	4.56	4.55	0.50
vallecorsa	valle	97	A TR 30	7.08	1.16	2.77	2.30	2.90	0.002980	1.55	4.55	4.54	0.50
vallecorsa	valle	96	A TR 200	7.10	0.83	2.46	2.07	2.61	0.004013	1.74	4.07	4.19	0.56

River	Reach	River Sta	Plan	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
vallecorsa	valle	96	A TR 30	7.08	0.83	2.46	2.07	2.61	0.004001	1.74	4.07	4.18	0.56
vallecorsa	valle	95	A TR 200	7.10	0.92	2.46	2.00	2.52	0.001788	1.04	6.80	9.71	0.40
vallecorsa	valle	95	A TR 30	7.08	0.92	2.46	1.99	2.52	0.001782	1.04	6.79	9.71	0.40
vallecorsa	valle	94	A TR 200	6.92	0.90	2.37	1.87	2.49	0.002892	1.56	4.44	4.13	0.48
vallecorsa	valle	94	A TR 30	6.90	0.90	2.37	1.87	2.49	0.002885	1.56	4.44	4.13	0.48
vallecorsa	valle	93	A TR 200	6.64	0.95	2.21	1.98	2.40	0.005721	1.94	3.61	16.37	0.68
vallecorsa	valle	93	A TR 30	6.63	0.95	2.21	1.98	2.40	0.005715	1.94	3.60	16.37	0.68
vallecorsa	valle	92	A TR 200	6.41	0.60	1.89	1.58	2.03	0.003784	1.65	4.73	14.54	0.56
vallecorsa	valle	92	A TR 30	6.41	0.60	1.89	1.58	2.03	0.003786	1.65	4.72	14.54	0.56
vallecorsa	valle	91	A TR 200	4.16	0.55	1.78	1.34	1.85	0.001954	1.24	3.66	5.16	0.41
vallecorsa	valle	91	A TR 30	4.15	0.55	1.78	1.34	1.85	0.001955	1.24	3.66	5.16	0.41
vallecorsa	valle	90	A TR 200	3.65	0.28	1.76	0.91	1.80	0.001258	0.94	3.90	2.96	0.26
vallecorsa	valle	90	A TR 30	3.65	0.28	1.76	0.90	1.80	0.001260	0.94	3.89	2.96	0.26
vallecorsa	valle	89.5		Bridge									
vallecorsa	valle	89	A TR 200	3.65	0.33	1.54	1.05	1.64	0.001655	1.43	2.56	5.65	0.43
vallecorsa	valle	89	A TR 30	3.65	0.33	1.54	1.06	1.64	0.001654	1.43	2.56	5.65	0.43
vallecorsa	valle	88	A TR 200	3.65	0.27	1.56	1.00	1.61	0.001210	0.91	4.00	4.89	0.32
vallecorsa	valle	88	A TR 30	3.65	0.27	1.56	1.00	1.61	0.001212	0.91	3.99	4.88	0.32
vallecorsa	valle	87	A TR 200	3.65	0.18	1.53	0.94	1.57	0.001124	0.89	4.09	4.92	0.31
vallecorsa	valle	87	A TR 30	3.65	0.18	1.53	0.94	1.57	0.001125	0.89	4.09	4.91	0.31
vallecorsa	valle	86	A TR 200	3.65	0.55	1.48	1.17	1.56	0.002670	1.20	3.06	4.72	0.47
vallecorsa	valle	86	A TR 30	3.65	0.55	1.48	1.17	1.55	0.002674	1.20	3.05	4.71	0.47
vallecorsa	valle	85	A TR 200	3.65	0.31	1.47	1.04	1.53	0.001703	1.01	3.63	5.18	0.38
vallecorsa	valle	85	A TR 30	3.65	0.31	1.47	1.04	1.52	0.001705	1.01	3.62	5.18	0.38
vallecorsa	valle	84	A TR 200	3.65	0.26	1.44	0.88	1.48	0.000992	0.82	4.44	5.73	0.30
vallecorsa	valle	84	A TR 30	3.65	0.26	1.44	0.88	1.47	0.000994	0.82	4.43	5.73	0.30
vallecorsa	valle	83.97		Lat Struct									
vallecorsa	valle	83	A TR 200	3.65	0.08	1.42	0.79	1.45	0.000795	0.75	4.84	6.60	0.27
vallecorsa	valle	83	A TR 30	3.65	0.08	1.42	0.79	1.45	0.000796	0.75	4.83	6.51	0.27
vallecorsa	valle	80	A TR 200	3.65	0.08	1.42	0.79	1.44	0.000807	0.76	4.82	6.36	0.27
vallecorsa	valle	80	A TR 30	3.65	0.08	1.41	0.79	1.44	0.000807	0.76	4.81	6.28	0.27
vallecorsa	valle	79	A TR 200	3.65	0.18	1.40	0.79	1.43	0.000890	0.77	4.76	6.35	0.28
vallecorsa	valle	79	A TR 30	3.65	0.18	1.40	0.79	1.43	0.000889	0.77	4.75	6.34	0.28
vallecorsa	valle	78	A TR 200	3.65	0.05	1.39	0.71	1.41	0.000860	0.69	5.29	8.25	0.28
vallecorsa	valle	78	A TR 30	3.65	0.05	1.39	0.71	1.41	0.000861	0.69	5.28	8.25	0.28
vallecorsa	valle	77	A TR 200	3.65	0.00	1.37	0.60	1.40	0.000598	0.65	5.58	6.87	0.23
vallecorsa	valle	77	A TR 30	3.64	0.00	1.37	0.60	1.40	0.000596	0.65	5.57	6.85	0.23
vallecorsa	valle	70	A TR 200	3.65	-0.30	1.36	0.49	1.38	0.000426	0.61	5.98	6.19	0.20
vallecorsa	valle	70	A TR 30	3.64	-0.30	1.36	0.49	1.38	0.000426	0.61	5.97	6.17	0.20
vallecorsa	valle	60	A TR 200	3.65	-0.33	1.35	0.36	1.37	0.000335	0.56	6.50	6.28	0.18
vallecorsa	valle	60	A TR 30	3.64	-0.33	1.35	0.36	1.37	0.000335	0.56	6.49	6.28	0.18
vallecorsa	valle	59.68		Lat Struct									
vallecorsa	valle	59.67		Lat Struct									
vallecorsa	valle	50	A TR 200	2.70	-0.35	1.36	0.23	1.36	0.000151	0.39	7.61	12.13	0.12
vallecorsa	valle	50	A TR 30	2.72	-0.35	1.35	0.23	1.36	0.000154	0.40	7.58	12.13	0.12
vallecorsa	valle	45	A TR 200	3.34	-0.15	1.31	0.47	1.35	0.001117	0.93	4.13	6.03	0.25
vallecorsa	valle	45	A TR 30	3.37	-0.15	1.31	0.47	1.35	0.001149	0.95	4.11	6.01	0.25
vallecorsa	valle	42.5	A TR 200	3.34	-0.36	1.29	0.40	1.31	0.000578	0.71	4.72	4.26	0.21
vallecorsa	valle	42.5	A TR 30	3.37	-0.36	1.28	0.41	1.31	0.000595	0.72	4.70	4.25	0.22
vallecorsa	valle	40	A TR 200	3.34	0.23	1.22	0.84	1.29	0.002296	1.15	2.91	3.99	0.43
vallecorsa	valle	40	A TR 30	3.37	0.23	1.21	0.84	1.28	0.002398	1.17	2.88	3.97	0.44
vallecorsa	valle	35	A TR 200	3.34	0.11	1.16	0.71	1.22	0.001823	1.06	3.15	3.97	0.38
vallecorsa	valle	35	A TR 30	3.37	0.11	1.15	0.71	1.21	0.001920	1.08	3.11	3.95	0.39
vallecorsa	valle	32	A TR 200	3.34	-0.45	1.17	0.21	1.19	0.000517	0.62	5.43	5.69	0.20
vallecorsa	valle	32	A TR 30	3.37	-0.45	1.16	0.21	1.18	0.000542	0.63	5.37	5.66	0.21
vallecorsa	valle	30	A TR 200	3.34	-0.47	1.15	0.18	1.19	0.000645	0.88	3.80	5.68	0.23

River	Reach	River Sta	Plan	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
vallecorsa	valle	30	A TR 30	3.37	-0.47	1.14	0.19	1.18	0.000672	0.89	3.77	5.65	0.23
vallecorsa	valle	29.5		Bridge									
vallecorsa	valle	29	A TR 200	3.34	-0.43	1.14	0.14	1.18	0.000360	0.86	3.90	4.16	0.22
vallecorsa	valle	29	A TR 30	3.37	-0.43	1.13	0.14	1.17	0.000375	0.87	3.88	4.16	0.22
vallecorsa	valle	28	A TR 200	3.34	-0.43	1.16	0.04	1.18	0.000396	0.60	5.58	3.73	0.16
vallecorsa	valle	28	A TR 30	3.37	-0.43	1.15	0.04	1.17	0.000410	0.61	5.55	3.72	0.16
vallecorsa	valle	27	A TR 200	3.34	-0.51	1.15	0.09	1.17	0.000507	0.67	5.01	3.81	0.19
vallecorsa	valle	27	A TR 30	3.37	-0.51	1.14	0.09	1.16	0.000527	0.68	4.97	3.81	0.19
vallecorsa	valle	26	A TR 200	3.34	-0.57	1.15	-0.03	1.17	0.000329	0.57	5.93	5.46	0.15
vallecorsa	valle	26	A TR 30	3.37	-0.57	1.14	-0.02	1.16	0.000341	0.58	5.87	5.23	0.15
vallecorsa	valle	23	A TR 200	3.34	-0.56	1.14	0.02	1.15	0.000267	0.52	6.56	7.54	0.15
vallecorsa	valle	23	A TR 30	3.37	-0.56	1.13	0.02	1.14	0.000279	0.53	6.48	7.35	0.15
vallecorsa	valle	20	A TR 200	3.34	-0.60	1.13	-0.19	1.14	0.000109	0.37	8.96	5.97	0.10
vallecorsa	valle	20	A TR 30	3.37	-0.60	1.12	-0.19	1.13	0.000113	0.38	8.89	5.97	0.10
vallecorsa	valle	19	A TR 200	10.32	-0.52	1.04	0.12	1.09	0.000690	0.93	11.10	8.04	0.25
vallecorsa	valle	19	A TR 30	10.13	-0.52	1.04	0.11	1.08	0.000677	0.92	11.03	8.02	0.25
vallecorsa	valle	18	A TR 200	10.32	-0.62	0.88	0.42	1.07	0.004224	1.93	5.34	4.30	0.55
vallecorsa	valle	18	A TR 30	10.13	-0.62	0.87	0.41	1.06	0.004115	1.90	5.32	4.30	0.55
vallecorsa	valle	13	A TR 200	10.32	-0.70	0.85	0.21	1.01	0.003392	1.75	5.90	3.80	0.45
vallecorsa	valle	13	A TR 30	10.13	-0.70	0.85	0.20	1.00	0.003293	1.72	5.89	3.80	0.44
vallecorsa	valle	10	A TR 200	2.60	-0.73	0.75	-0.37	0.76	0.000246	0.46	5.62	3.80	0.12
vallecorsa	valle	10	A TR 30	2.60	-0.73	0.75	-0.37	0.76	0.000246	0.46	5.62	3.80	0.12
mozzinone	mozzicone	597	A TR 200	18.12	6.27	8.01	8.23	9.06	0.014969	4.55	3.98	3.04	1.27
mozzinone	mozzicone	597	A TR 30	10.47	6.27	7.80	7.76	8.30	0.007944	3.12	3.35	3.03	0.95
mozzinone	mozzicone	596.99	A TR 200	18.12	6.27	8.00	8.23	9.06	0.015016	4.56	3.97	3.04	1.27
mozzinone	mozzicone	596.99	A TR 30	10.47	6.27	7.80	7.76	8.30	0.007962	3.12	3.35	3.03	0.95
mozzinone	mozzicone	596.98		Lat Struct									
mozzinone	mozzicone	596.97		Lat Struct									
mozzinone	mozzicone	596	A TR 200	4.59	5.92	7.36	6.74	7.47	0.001935	1.48	3.09	2.31	0.41
mozzinone	mozzicone	596	A TR 30	4.58	5.92	7.36	6.73	7.47	0.001933	1.48	3.09	2.31	0.41
mozzinone	mozzicone	595.5		Bridge									
mozzinone	mozzicone	595	A TR 200	4.59	5.92	7.17	6.74	7.32	0.002915	1.74	2.65	2.31	0.52
mozzinone	mozzicone	595	A TR 30	4.58	5.92	7.17	6.74	7.32	0.002905	1.73	2.64	2.31	0.52
mozzinone	mozzicone	594.98		Lat Struct									
mozzinone	mozzicone	594.97		Lat Struct									
mozzinone	mozzicone	594	A TR 200	4.49	5.66	7.13	6.47	7.23	0.001740	1.42	3.17	2.39	0.39
mozzinone	mozzicone	594	A TR 30	4.49	5.66	7.13	6.46	7.23	0.001742	1.42	3.16	2.39	0.39
mozzinone	mozzicone	593.5		Bridge									
mozzinone	mozzicone	593	A TR 200	4.49	5.64	7.12	6.45	7.22	0.001790	1.43	3.14	2.33	0.39
mozzinone	mozzicone	593	A TR 30	4.49	5.64	7.12	6.45	7.22	0.001791	1.43	3.14	2.33	0.39
mozzinone	mozzicone	592.98		Lat Struct									
mozzinone	mozzicone	592.97		Lat Struct									
mozzinone	mozzicone	592	A TR 200	4.49	5.60	7.10	6.41	7.20	0.001738	1.41	3.18	2.32	0.38
mozzinone	mozzicone	592	A TR 30	4.49	5.60	7.10	6.41	7.20	0.001739	1.41	3.18	2.32	0.38
mozzinone	mozzicone	591.5		Bridge									
mozzinone	mozzicone	591	A TR 200	4.49	5.56	7.10	6.35	7.19	0.001563	1.35	3.32	2.32	0.36
mozzinone	mozzicone	591	A TR 30	4.49	5.56	7.10	6.35	7.19	0.001563	1.35	3.32	2.32	0.36
mozzinone	mozzicone	590.98		Lat Struct									
mozzinone	mozzicone	590.97		Lat Struct									
mozzinone	mozzicone	590	A TR 200	4.49	5.54	7.09	6.29	7.18	0.001501	1.31	3.42	2.20	0.34
mozzinone	mozzicone	590	A TR 30	4.49	5.54	7.09	6.29	7.18	0.001501	1.31	3.42	2.20	0.34
mozzinone	mozzicone	589.5		Bridge									
mozzinone	mozzicone	589	A TR 200	4.49	5.38	6.74	6.32	6.94	0.004333	1.96	2.29	1.81	0.56

River	Reach	River Sta	Plan	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
mozzinone	mozzicone	589	A TR 30	4.49	5.38	6.74	6.32	6.94	0.004331	1.96	2.28	1.81	0.56
mozzinone	mozzicone	588.98		Lat Struct									
mozzinone	mozzicone	588.97		Lat Struct									
mozzinone	mozzicone	588	A TR 200	4.49	5.26	6.78	6.08	6.89	0.001896	1.45	3.11	2.18	0.39
mozzinone	mozzicone	588	A TR 30	4.49	5.26	6.78	6.08	6.88	0.001895	1.45	3.10	2.18	0.39
mozzinone	mozzicone	587.5		Bridge									
mozzinone	mozzicone	587	A TR 200	4.49	5.21	6.39	6.04	6.57	0.003745	1.88	2.38	2.18	0.58
mozzinone	mozzicone	587	A TR 30	4.49	5.21	6.39	6.04	6.57	0.003742	1.88	2.38	2.18	0.58
mozzinone	mozzicone	586	A TR 200	4.49	5.20	6.35	6.15	6.61	0.006143	2.27	1.98	2.02	0.73
mozzinone	mozzicone	586	A TR 30	4.49	5.20	6.34	6.15	6.61	0.006144	2.26	1.98	2.02	0.73
mozzinone	mozzicone	585	A TR 200	4.49	5.06	6.33	6.01	6.52	0.004310	1.96	2.29	2.30	0.63
mozzinone	mozzicone	585	A TR 30	4.49	5.06	6.33	6.01	6.52	0.004310	1.96	2.29	2.30	0.63
mozzinone	mozzicone	584.99	A TR 200	4.49	5.06	6.33	6.01	6.52	0.004317	1.96	2.29	2.30	0.63
mozzinone	mozzicone	584.99	A TR 30	4.49	5.06	6.33	6.01	6.52	0.004313	1.96	2.29	2.30	0.63
mozzinone	mozzicone	584.98		Lat Struct									
mozzinone	mozzicone	584.97		Lat Struct									
mozzinone	mozzicone	584	A TR 200	4.29	4.65	6.09	5.52	6.16	0.001954	1.18	3.62	3.64	0.38
mozzinone	mozzicone	584	A TR 30	4.29	4.65	6.09	5.52	6.16	0.001959	1.19	3.62	3.64	0.38
mozzinone	mozzicone	583.5		Bridge									
mozzinone	mozzicone	583	A TR 200	4.29	4.65	5.71	5.49	5.87	0.005940	1.78	2.41	3.24	0.66
mozzinone	mozzicone	583	A TR 30	4.29	4.65	5.71	5.49	5.87	0.005952	1.78	2.41	3.24	0.66
mozzinone	mozzicone	582.98		Lat Struct									
mozzinone	mozzicone	582.97		Lat Struct									
mozzinone	mozzicone	582	A TR 200	4.28	4.00	5.43	4.72	5.50	0.001952	1.17	3.66	2.95	0.34
mozzinone	mozzicone	582	A TR 30	4.28	4.00	5.43	4.72	5.50	0.001958	1.17	3.66	2.95	0.34
mozzinone	mozzicone	581.5		Bridge									
mozzinone	mozzicone	581	A TR 200	4.28	4.06	5.26	4.80	5.34	0.003123	1.24	3.44	4.93	0.47
mozzinone	mozzicone	581	A TR 30	4.28	4.06	5.26	4.80	5.34	0.003131	1.25	3.44	4.92	0.48
mozzinone	mozzicone	580	A TR 200	4.28	3.79	4.93	4.80	5.16	0.009299	2.12	2.02	2.74	0.79
mozzinone	mozzicone	580	A TR 30	4.28	3.79	4.93	4.80	5.16	0.009341	2.12	2.02	2.73	0.79
mozzinone	mozzicone	579	A TR 200	4.28	3.60	4.96	4.07	4.98	0.000236	0.48	8.86	7.36	0.14
mozzinone	mozzicone	579	A TR 30	4.28	3.60	4.96	4.07	4.97	0.000237	0.48	8.84	7.36	0.14
mozzinone	mozzicone	578.5		Bridge									
mozzinone	mozzicone	578	A TR 200	4.28	3.61	4.92	4.09	4.94	0.000516	0.60	7.10	8.06	0.21
mozzinone	mozzicone	578	A TR 30	4.27	3.61	4.92	4.08	4.93	0.000517	0.60	7.08	8.06	0.21
mozzinone	mozzicone	577.98		Lat Struct									
mozzinone	mozzicone	577.97		Lat Struct									
mozzinone	mozzicone	577	A TR 200	4.25	3.37	4.80	4.28	4.87	0.002174	1.21	3.50	3.92	0.41
mozzinone	mozzicone	577	A TR 30	4.25	3.37	4.79	4.29	4.87	0.002184	1.22	3.49	3.92	0.41
mozzinone	mozzicone	576	A TR 200	4.25	3.49	4.73	4.04	4.77	0.001068	0.86	4.93	5.66	0.29
mozzinone	mozzicone	576	A TR 30	4.24	3.49	4.72	4.04	4.76	0.001073	0.86	4.91	5.63	0.30
mozzinone	mozzicone	575.5		Bridge									
mozzinone	mozzicone	575	A TR 200	4.25	3.35	4.71	4.05	4.73	0.000662	0.74	5.72	6.31	0.25
mozzinone	mozzicone	575	A TR 30	4.24	3.35	4.70	4.05	4.73	0.000666	0.74	5.70	6.30	0.25
mozzinone	mozzicone	573	A TR 200	4.25	3.13	4.63	3.90	4.68	0.001230	0.99	4.29	4.12	0.31
mozzinone	mozzicone	573	A TR 30	4.24	3.13	4.62	3.90	4.67	0.001236	0.99	4.28	4.11	0.31
mozzinone	mozzicone	572	A TR 200	4.25	2.84	4.60	3.42	4.61	0.000194	0.53	10.33	13.44	0.14
mozzinone	mozzicone	572	A TR 30	4.23	2.84	4.60	3.42	4.61	0.000195	0.53	10.28	13.39	0.14
mozzinone	mozzicone	571.5		Bridge									
mozzinone	mozzicone	571.4	A TR 200	4.25	2.83	4.57	3.44	4.58	0.000260	0.54	9.45	13.24	0.15
mozzinone	mozzicone	571.4	A TR 30	4.23	2.83	4.56	3.44	4.58	0.000262	0.54	9.40	13.19	0.15
mozzinone	mozzicone	571	A TR 200	4.25	2.79	4.54	3.67	4.58	0.000900	0.87	4.86	4.46	0.27
mozzinone	mozzicone	571	A TR 30	4.23	2.79	4.53	3.67	4.57	0.000902	0.87	4.84	4.46	0.27

HEC-RAS Profile: Max WS (Continued)

River	Reach	River Sta	Plan	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
mozzinone	mozzicone	569	A TR 200	4.25	2.62	4.48	3.52	4.51	0.000729	0.81	5.25	4.53	0.24
mozzinone	mozzicone	569	A TR 30	4.23	2.62	4.47	3.52	4.51	0.000730	0.81	5.23	4.53	0.24
mozzinone	mozzicone	568	A TR 200	4.25	2.40	4.45	3.30	4.48	0.000473	0.69	6.17	4.89	0.20
mozzinone	mozzicone	568	A TR 30	4.23	2.40	4.45	3.30	4.48	0.000474	0.69	6.16	4.88	0.20

River	Reach	River Sta	Plan	Q US (m3/s)	Q Leaving Total (m3/s)	Q DS (m3/s)	Q Weir (m3/s)	Q Gates (m3/s)	Wr Top Wdth (m)	Weir Max Depth (m)	Weir Avg Depth (m)	Min El Weir Flow (m)	E.G. US (m)	W.S. US (m)	E.G. DS (m)	W.S. DS (m)
vallecorsa	vallecorsa	113.98	A TR 200	23.41	14.84	6.07	14.84		233.66	0.39	0.09	7.52	11.40	10.61	7.80	7.70
vallecorsa	vallecorsa	113.98	A TR 30	12.43	6.32	6.04	6.32		219.80	0.19	0.06	7.52	10.85	10.41	7.80	7.70
vallecorsa	vallecorsa	113.97	A TR 200	23.41	2.50	6.07	2.50		33.05	0.25	0.11	8.09	11.40	10.61	7.80	7.70
vallecorsa	vallecorsa	113.97	A TR 30	12.43	0.07	6.04	0.07		10.13	0.05	0.02	8.09	10.85	10.41	7.80	7.70
vallecorsa	vallecorsa	110.98	A TR 200	6.07	3.21	2.85	3.21		83.34	0.15	0.07	6.47	7.62	7.42	6.27	6.21
vallecorsa	vallecorsa	110.98	A TR 30	6.04	3.19	2.85	3.19		82.99	0.15	0.07	6.47	7.62	7.42	6.27	6.21
vallecorsa	vallecorsa	110.97	A TR 200	6.07	0.00	2.85	0.00					6.95	7.62	7.42	6.27	6.21
vallecorsa	vallecorsa	110.97	A TR 30	6.04	0.00	2.85	0.00					6.95	7.62	7.42	6.27	6.21
vallecorsa	vallecorsa	107.98	A TR 200	2.85	0.00	2.85	0.00					4.79	5.95	5.76	4.47	4.45
vallecorsa	vallecorsa	107.98	A TR 30	2.85	0.00	2.85	0.00					4.79	5.95	5.76	4.47	4.45
vallecorsa	vallecorsa	107.97	A TR 200	2.85	0.00	2.85	0.00					4.50	5.95	5.76	4.47	4.45
vallecorsa	vallecorsa	107.97	A TR 30	2.85	0.00	2.85	0.00					4.50	5.95	5.76	4.47	4.45
vallecorsa	valle	99.98	A TR 200	7.10	0.15	6.92	0.15		6.19	0.11	0.05	2.26	4.22	4.05	2.49	2.37
vallecorsa	valle	99.98	A TR 30	7.08	0.15	6.90	0.15		6.15	0.11	0.05	2.26	4.22	4.05	2.49	2.37
vallecorsa	valle	99.97	A TR 200	7.10	3.30	3.65	3.30		186.48	0.19	0.04	1.59	4.22	4.05	1.80	1.76
vallecorsa	valle	99.97	A TR 30	7.08	3.26	3.65	3.26		186.40	0.19	0.04	1.59	4.22	4.05	1.80	1.76
vallecorsa	valle	83.97	A TR 200	3.65	0.00	3.65	0.00		4.56	0.01	0.00	1.38	1.48	1.44	1.38	1.36
vallecorsa	valle	83.97	A TR 30	3.65	0.00	3.64	0.00		3.87	0.01	0.00	1.38	1.47	1.44	1.38	1.36
vallecorsa	valle	59.68	A TR 200	3.65	0.48	3.34	0.48		12.61	0.15	0.07	1.21	1.37	1.35	1.35	1.31
vallecorsa	valle	59.68	A TR 30	3.64	0.47	3.37	0.47		12.44	0.14	0.07	1.21	1.37	1.35	1.35	1.31
vallecorsa	valle	59.67	A TR 200	3.65	0.83	3.34	0.83		21.78	0.15	0.07	1.21	1.37	1.35	1.35	1.31
vallecorsa	valle	59.67	A TR 30	3.64	0.81	3.37	0.81		21.51	0.14	0.07	1.21	1.37	1.35	1.35	1.31
mozzinone	mozzicone	596.98	A TR 200	18.12	8.61	4.59	8.61		80.25	0.27	0.15	7.12	9.06	8.00	7.47	7.36
mozzinone	mozzicone	596.98	A TR 30	10.47	3.84	4.58	3.84		80.25	0.24	0.09	7.12	8.30	7.80	7.47	7.36
mozzinone	mozzicone	596.97	A TR 200	18.12	4.92	4.59	4.92		80.25	0.24	0.10	7.12	9.06	8.00	7.47	7.36
mozzinone	mozzicone	596.97	A TR 30	10.47	2.05	4.58	2.05		52.85	0.24	0.06	7.12	8.30	7.80	7.47	7.36
mozzinone	mozzicone	594.98	A TR 200	4.59	0.01	4.49	0.01		2.77	0.04	0.02	7.13	7.32	7.17	7.23	7.13
mozzinone	mozzicone	594.98	A TR 30	4.58	0.01	4.49	0.01		2.70	0.04	0.02	7.13	7.32	7.17	7.23	7.13
mozzinone	mozzicone	594.97	A TR 200	4.59	0.09	4.49	0.09		17.60	0.04	0.02	7.13	7.32	7.17	7.23	7.13
mozzinone	mozzicone	594.97	A TR 30	4.58	0.08	4.49	0.08		16.90	0.04	0.02	7.13	7.32	7.17	7.23	7.13
mozzinone	mozzicone	592.98	A TR 200	4.49	0.00	4.49	0.00					7.38	7.22	7.12	7.20	7.10
mozzinone	mozzicone	592.98	A TR 30	4.49	0.00	4.49	0.00					7.38	7.22	7.12	7.20	7.10
mozzinone	mozzicone	592.97	A TR 200	4.49	0.00	4.49	0.00					7.25	7.22	7.12	7.20	7.10
mozzinone	mozzicone	592.97	A TR 30	4.49	0.00	4.49	0.00					7.25	7.22	7.12	7.20	7.10
mozzinone	mozzicone	590.98	A TR 200	4.49	0.00	4.49	0.00					7.65	7.19	7.10	7.18	7.09
mozzinone	mozzicone	590.98	A TR 30	4.49	0.00	4.49	0.00					7.65	7.19	7.10	7.18	7.09
mozzinone	mozzicone	590.97	A TR 200	4.49	0.00	4.49	0.00					7.65	7.19	7.10	7.18	7.09
mozzinone	mozzicone	590.97	A TR 30	4.49	0.00	4.49	0.00					7.65	7.19	7.10	7.18	7.09
mozzinone	mozzicone	588.98	A TR 200	4.49	0.00	4.49	0.00					7.52	6.94	6.74	6.89	6.78
mozzinone	mozzicone	588.98	A TR 30	4.49	0.00	4.49	0.00					7.52	6.94	6.74	6.88	6.78
mozzinone	mozzicone	588.97	A TR 200	4.49	0.00	4.49	0.00					7.48	6.94	6.74	6.89	6.78
mozzinone	mozzicone	588.97	A TR 30	4.49	0.00	4.49	0.00					7.48	6.94	6.74	6.88	6.78
mozzinone	mozzicone	584.98	A TR 200	4.49	0.03	4.29	0.03		4.16	0.05	0.02	6.04	6.52	6.33	6.16	6.09
mozzinone	mozzicone	584.98	A TR 30	4.49	0.03	4.29	0.03		4.08	0.05	0.02	6.04	6.52	6.33	6.16	6.09
mozzinone	mozzicone	584.97	A TR 200	4.49	0.17	4.29	0.17		9.93	0.09	0.04	6.00	6.52	6.33	6.16	6.09
mozzinone	mozzicone	584.97	A TR 30	4.49	0.17	4.29	0.17		9.85	0.09	0.04	6.00	6.52	6.33	6.16	6.09
mozzinone	mozzicone	582.98	A TR 200	4.29	0.01	4.28	0.01		4.22	0.02	0.01	5.41	5.87	5.71	5.50	5.43
mozzinone	mozzicone	582.98	A TR 30	4.29	0.01	4.28	0.01		3.83	0.02	0.01	5.41	5.87	5.71	5.50	5.43
mozzinone	mozzicone	582.97	A TR 200	4.29	0.00	4.28	0.00					5.62	5.87	5.71	5.50	5.43
mozzinone	mozzicone	582.97	A TR 30	4.29	0.00	4.28	0.00					5.62	5.87	5.71	5.50	5.43
mozzinone	mozzicone	577.98	A TR 200	4.28	0.04	4.25	0.04		7.69	0.04	0.02	4.76	4.94	4.92	4.77	4.73
mozzinone	mozzicone	577.98	A TR 30	4.27	0.03	4.24	0.03		7.18	0.03	0.02	4.76	4.93	4.92	4.76	4.72
mozzinone	mozzicone	577.97	A TR 200	4.28	0.00	4.25	0.00					5.14	4.94	4.92	4.77	4.73
mozzinone	mozzicone	577.97	A TR 30	4.27	0.00	4.24	0.00					5.14	4.93	4.92	4.76	4.72

Fosso dei Fichi

Stato attuale

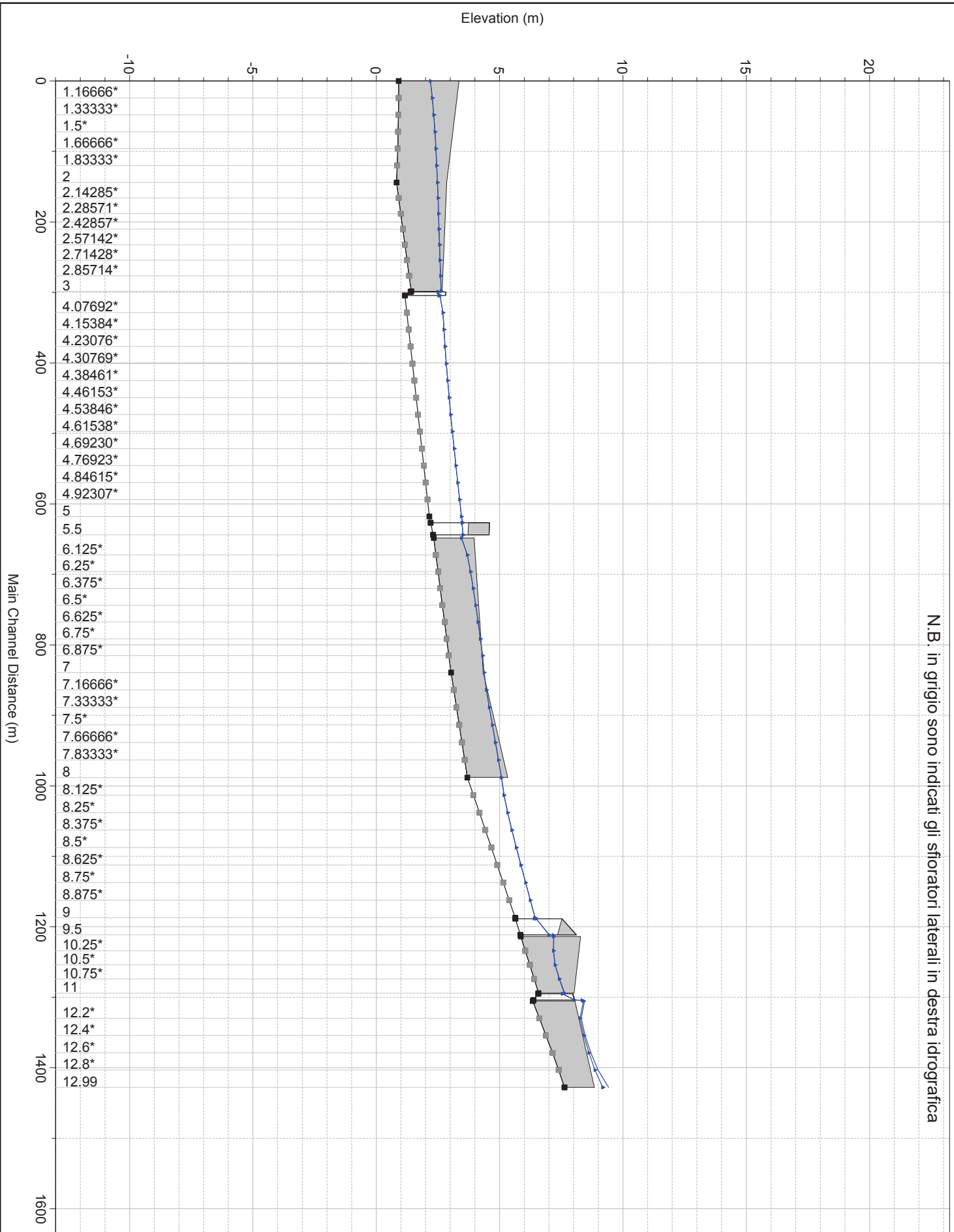


None of the XS's are Geo-Referenced (Geo-Ref user entered XS) (Geo-Ref interpolated XS) (Non Geo-Ref user entered XS) (Non Geo-Ref interpolated XS)

1 cm Horiz. = 70 m 1 cm Vert. = 55 m

1) A TR 200 2) A TR 30

N.B. in grigio sono indicati gli sfioratori laterali in destra idrografica

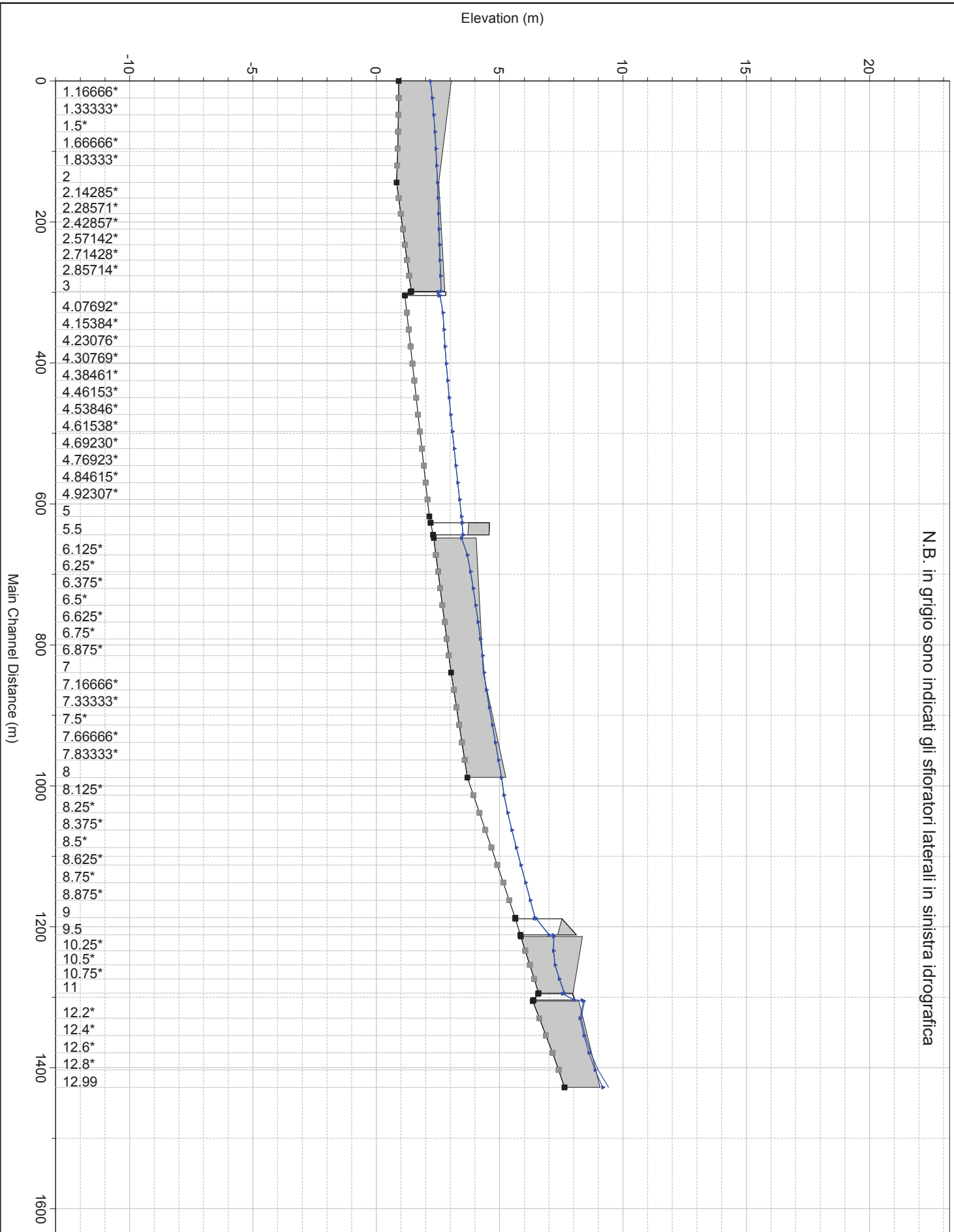


Legend	
WS Max WS - A TR 200	—●—
WS Max WS - A TR 30	—■—
Ground	■

1 cm Horiz. = 70 m 1 cm Vert. = 2 m

1) A TR 200 2) A TR 30

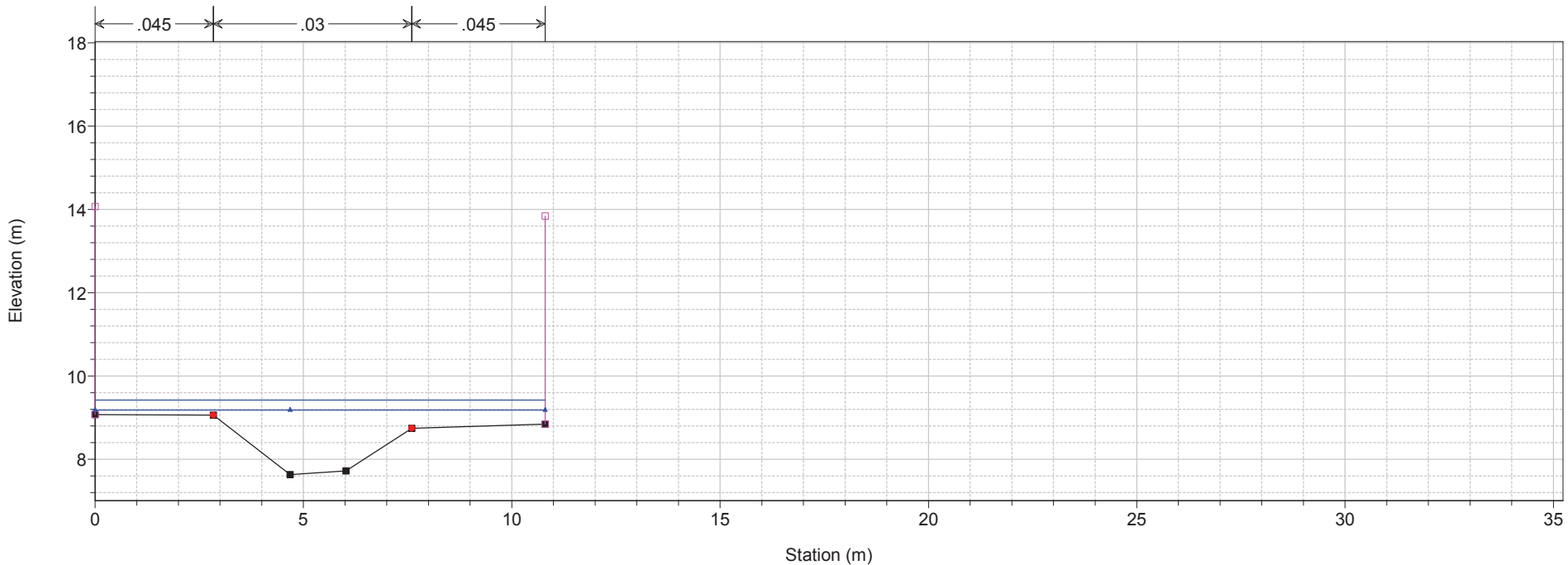
N.B. in grigio sono indicati gli sfioratori laterali in sinistra idrografica



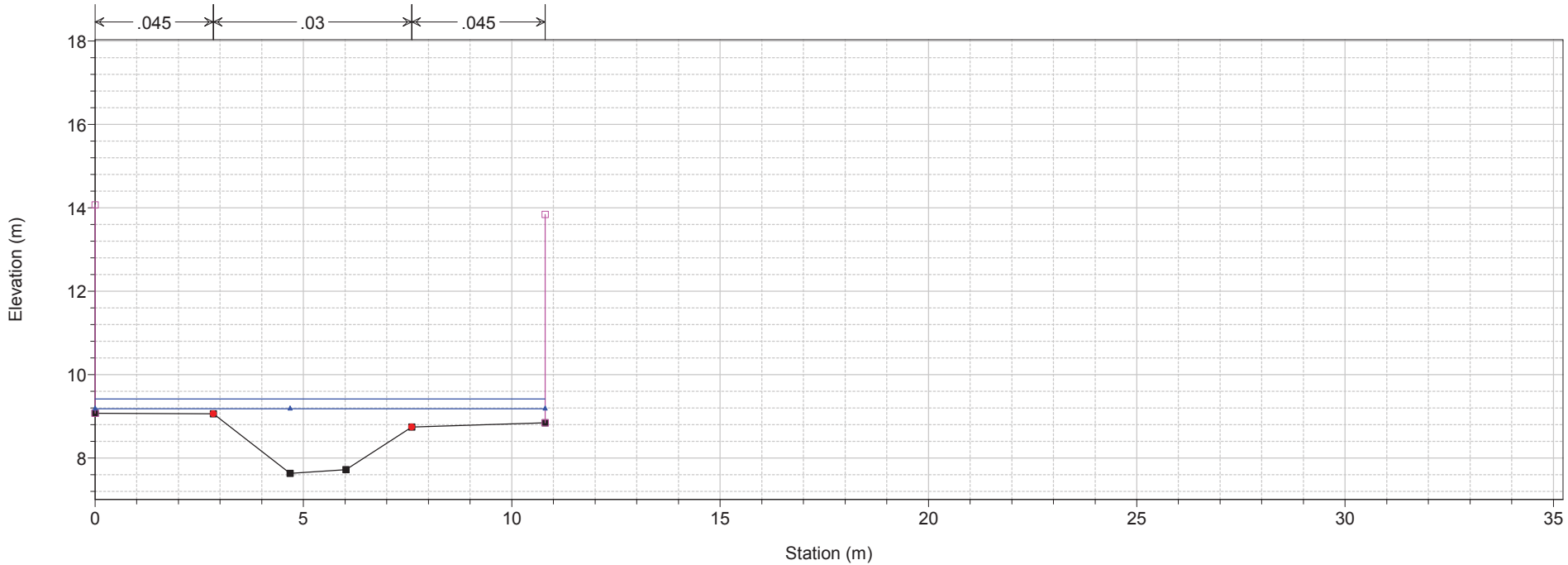
Legend	
WS Max WS - A TR 200	▲
WS Max WS - A TR 30	■
Ground	■

1 cm Horiz. = 70 m 1 cm Vert. = 2 m

1) A TR 200 2) A TR 30
 River = Fosso dei Fichi Reach = Fichi RS = 13 Sez.1

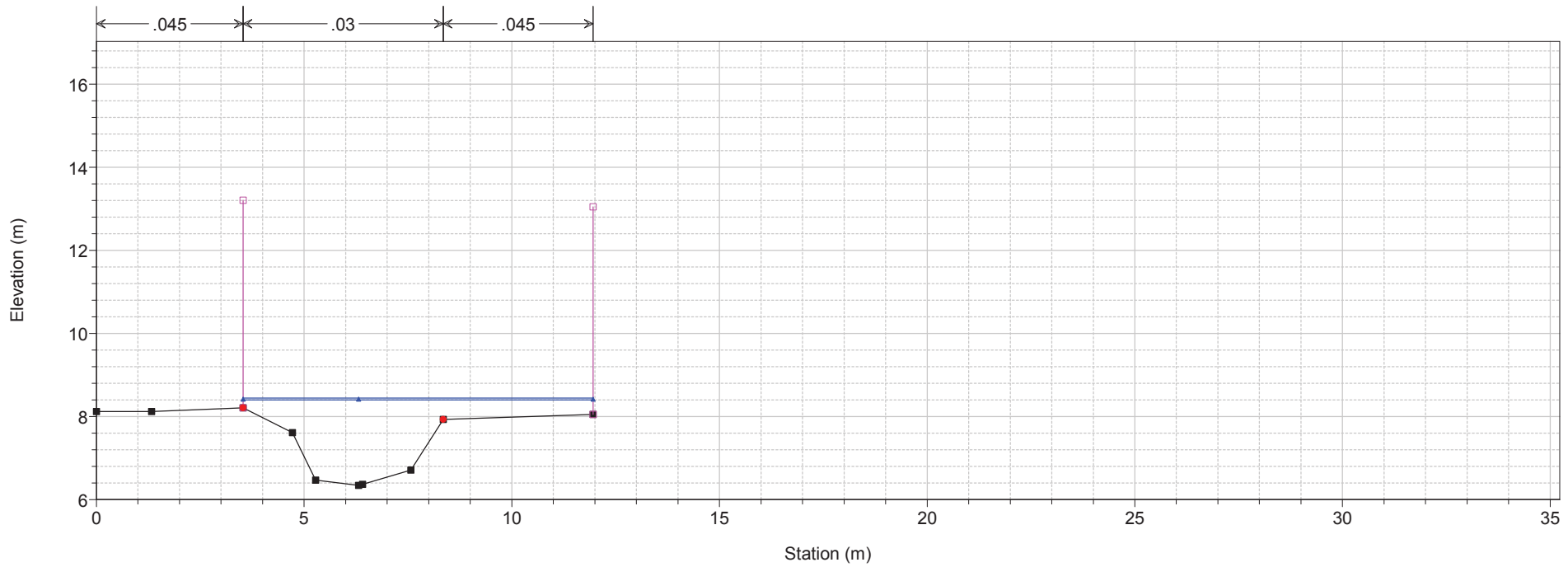


1) A TR 200 2) A TR 30
 River = Fosso dei Fichi Reach = Fichi RS = 12.99 Sez.1

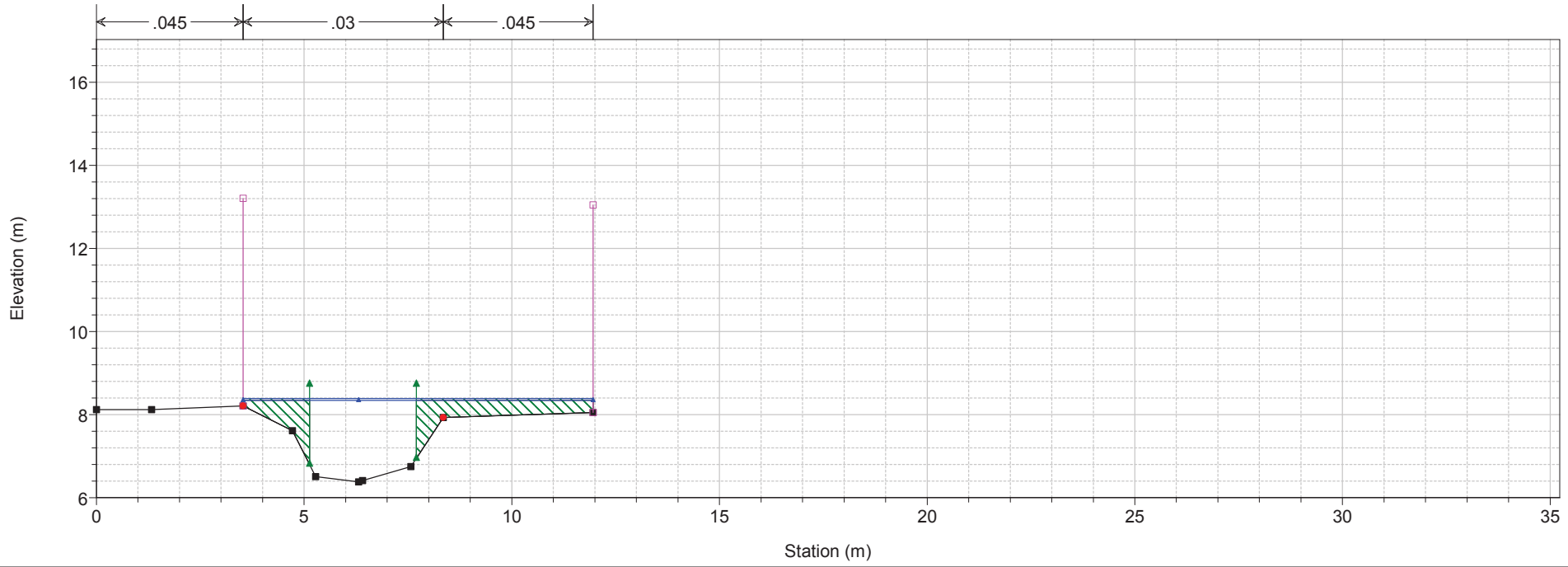


1 cm Horiz. = 1.5 m 1 cm Vert. = 1.5 m

1) A TR 200 2) A TR 30
 River = Fosso dei Fichi Reach = Fichi RS = 12 Sez. 2

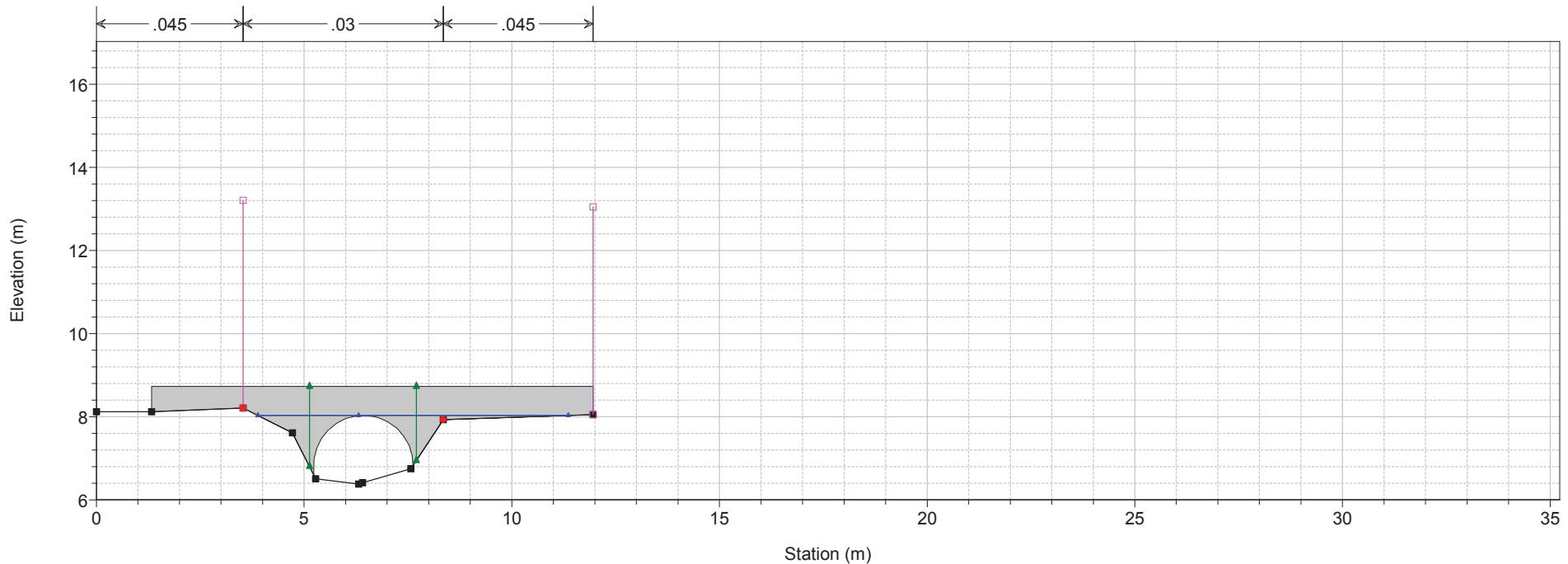


1) A TR 200 2) A TR 30
 River = Fosso dei Fichi Reach = Fichi RS = 11.9

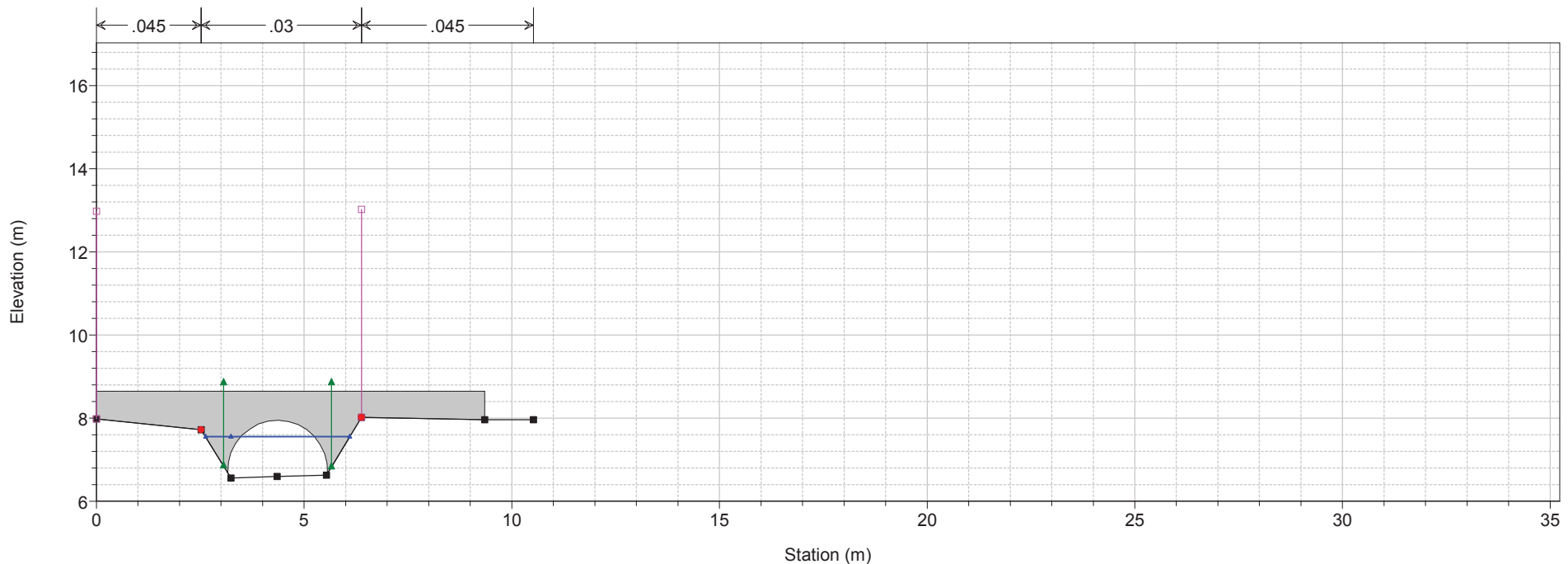


1 cm Horiz. = 1.5 m 1 cm Vert. = 1.5 m

1) A TR 200 2) A TR 30
 River = Fosso dei Fichi Reach = Fichi RS = 11.5 BR

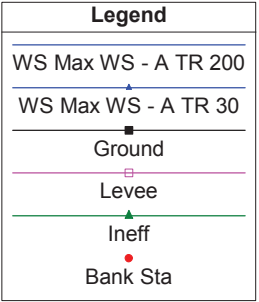
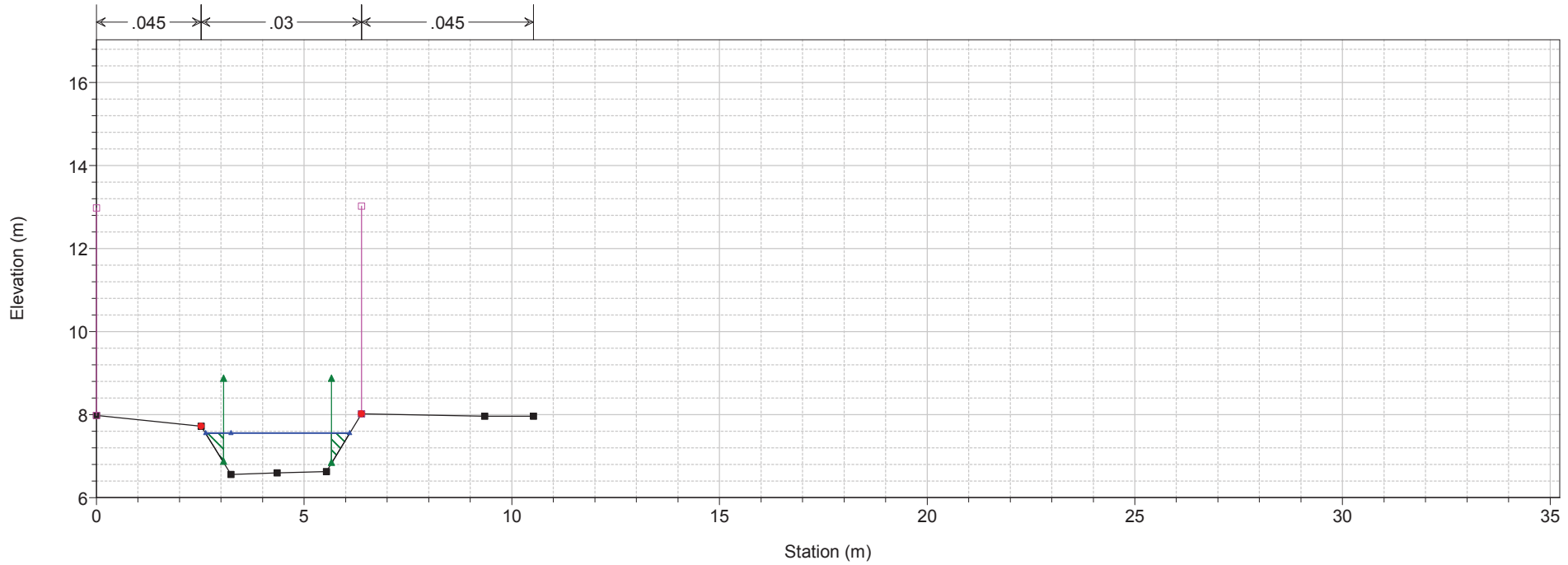


1) A TR 200 2) A TR 30
 River = Fosso dei Fichi Reach = Fichi RS = 11.5 BR

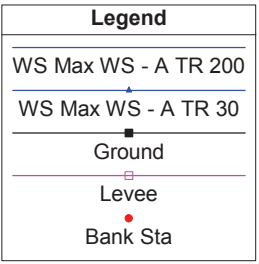
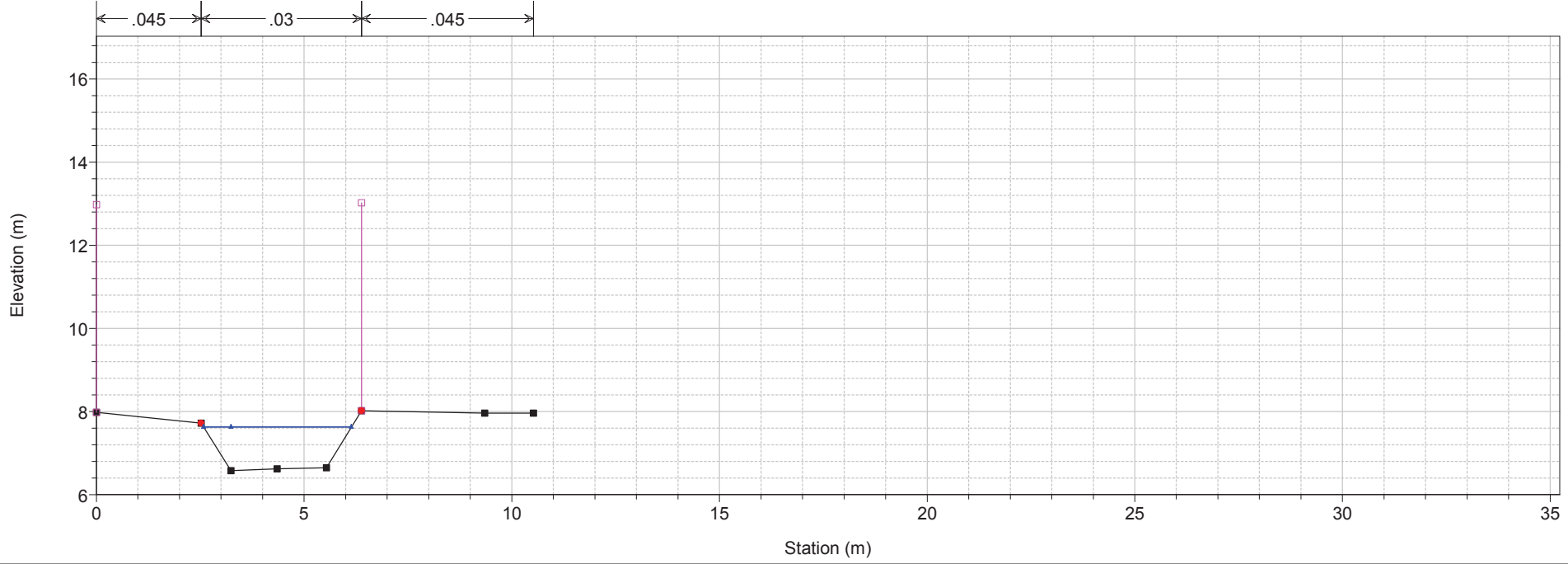


1 cm Horiz. = 1.5 m 1 cm Vert. = 1.5 m

1) A TR 200 2) A TR 30
 River = Fosso dei Fichi Reach = Fichi RS = 11.1

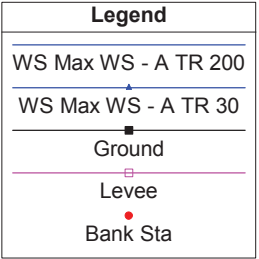
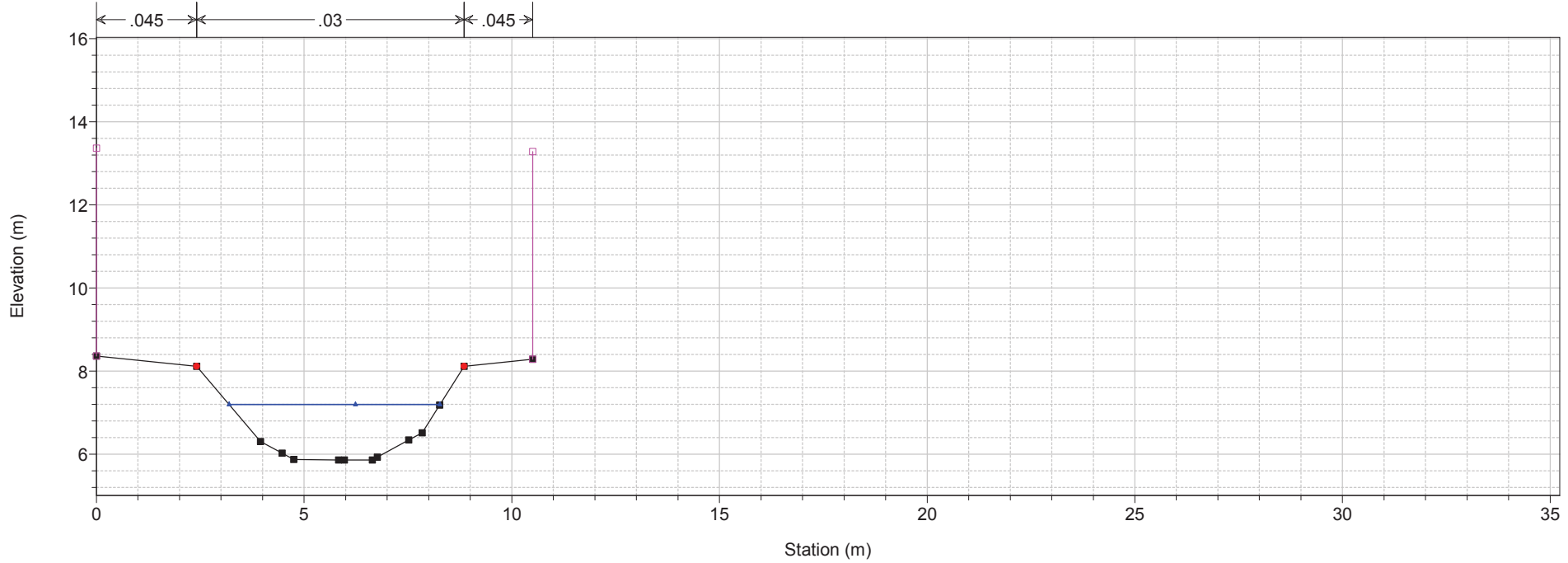


1) A TR 200 2) A TR 30
 River = Fosso dei Fichi Reach = Fichi RS = 11 Sez. 3

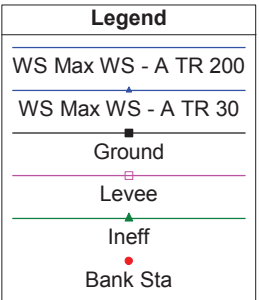
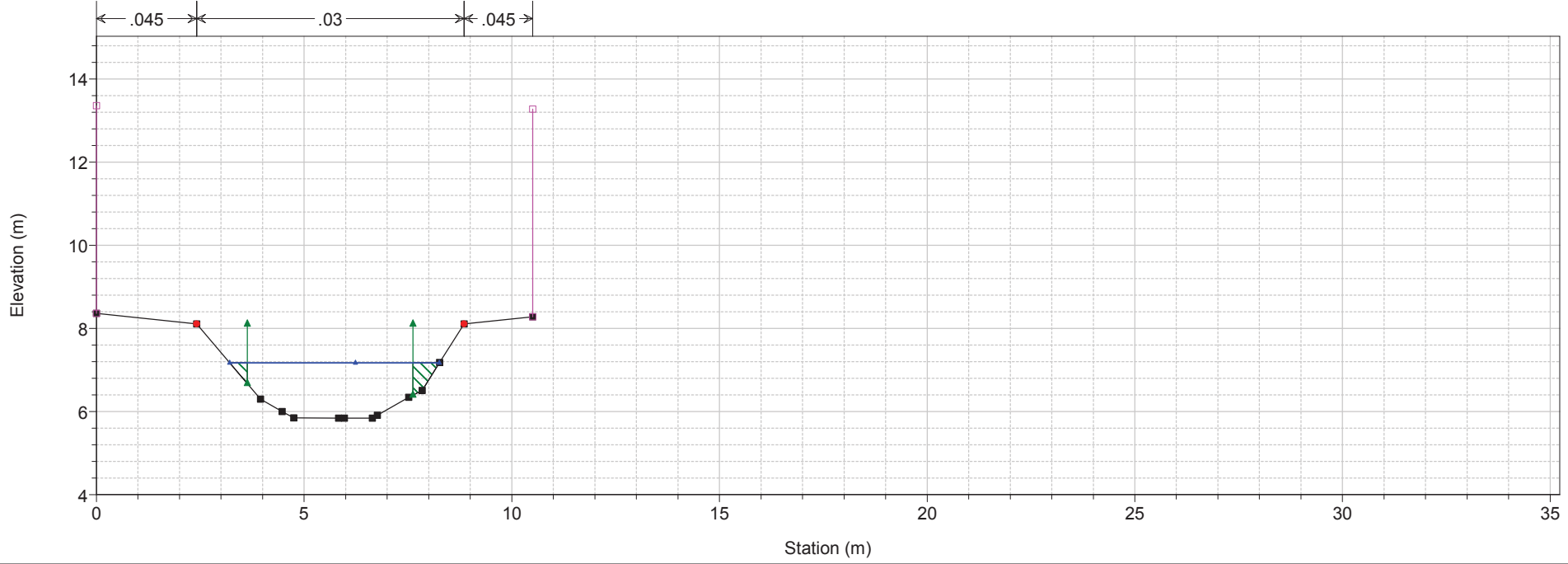


1 cm Horiz. = 1.5 m 1 cm Vert. = 1.5 m

1) A TR 200 2) A TR 30
 River = Fosso dei Fichi Reach = Fichi RS = 10 Sez. 4

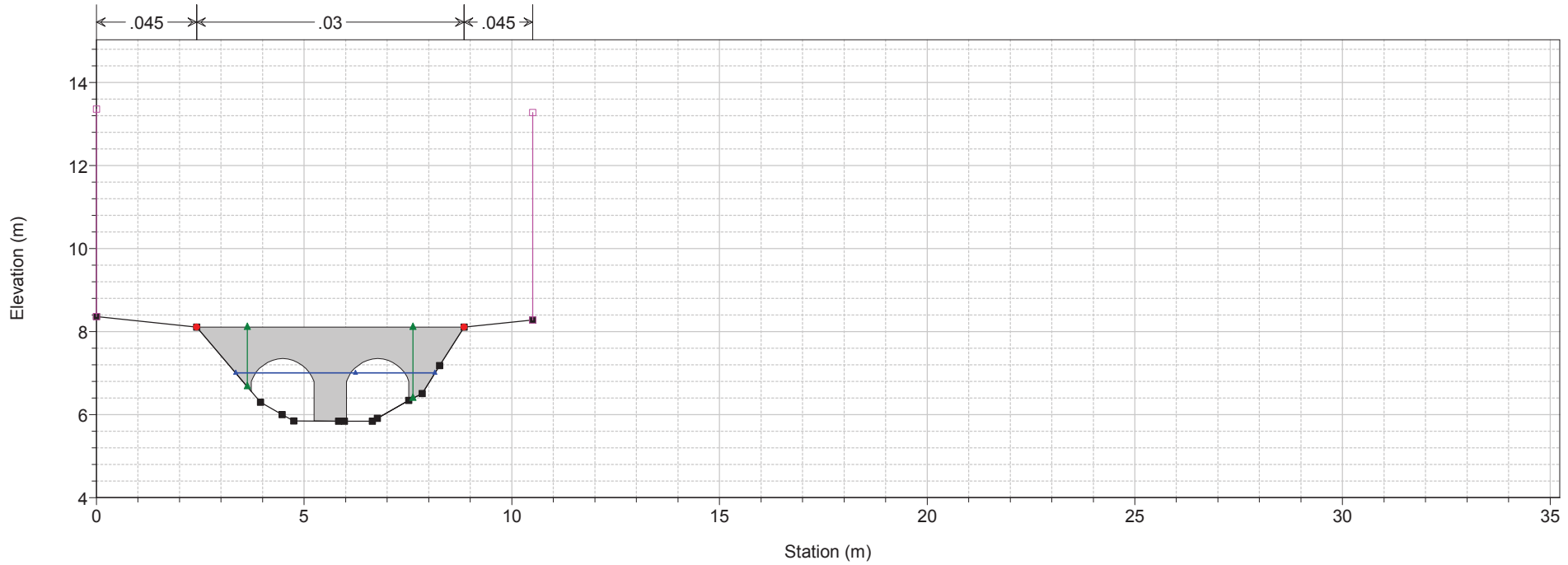


1) A TR 200 2) A TR 30
 River = Fosso dei Fichi Reach = Fichi RS = 9.9

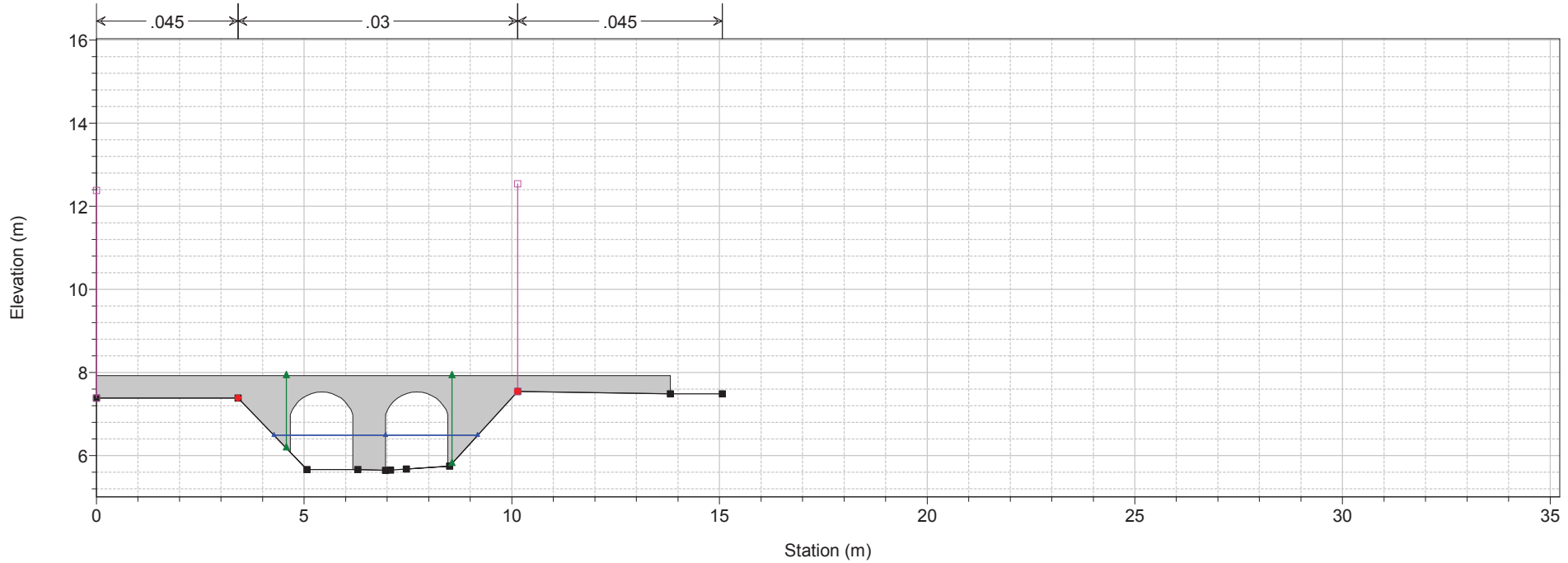


1 cm Horiz. = 1.5 m 1 cm Vert. = 1.5 m

1) A TR 200 2) A TR 30
 River = Fosso dei Fichi Reach = Fichi RS = 9.5 BR



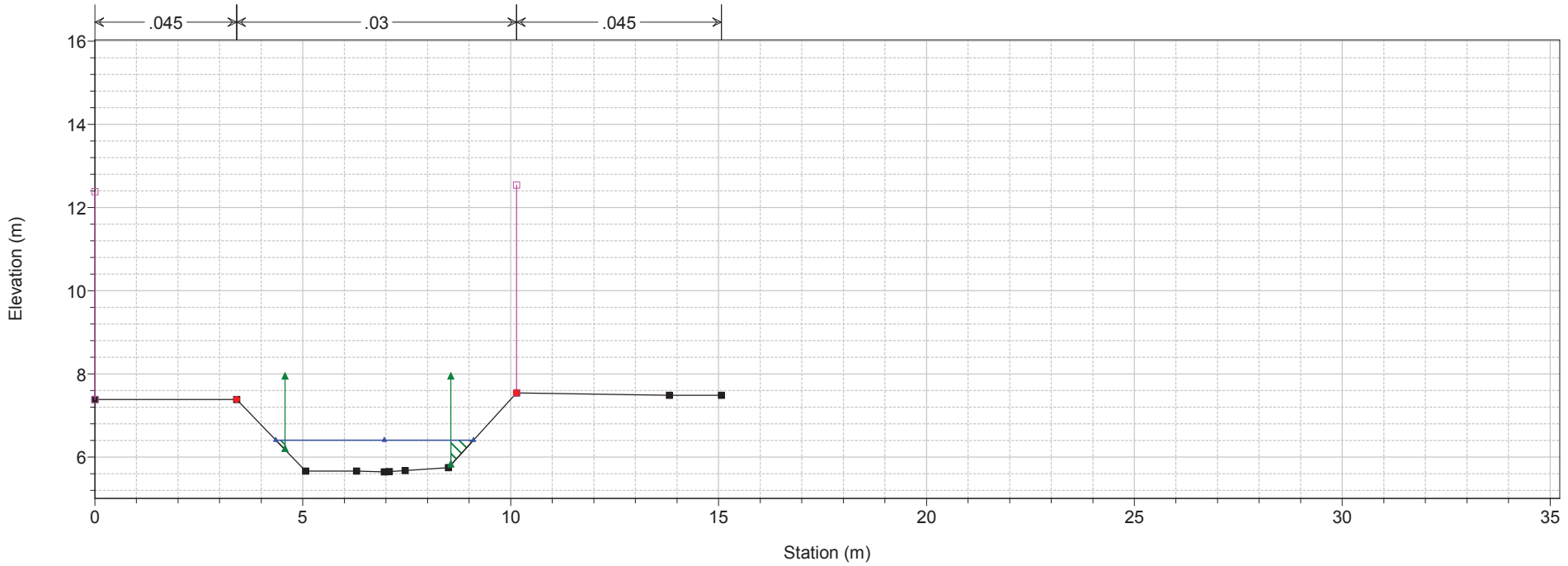
1) A TR 200 2) A TR 30
 River = Fosso dei Fichi Reach = Fichi RS = 9.5 BR



1 cm Horiz. = 1.5 m 1 cm Vert. = 1.5 m

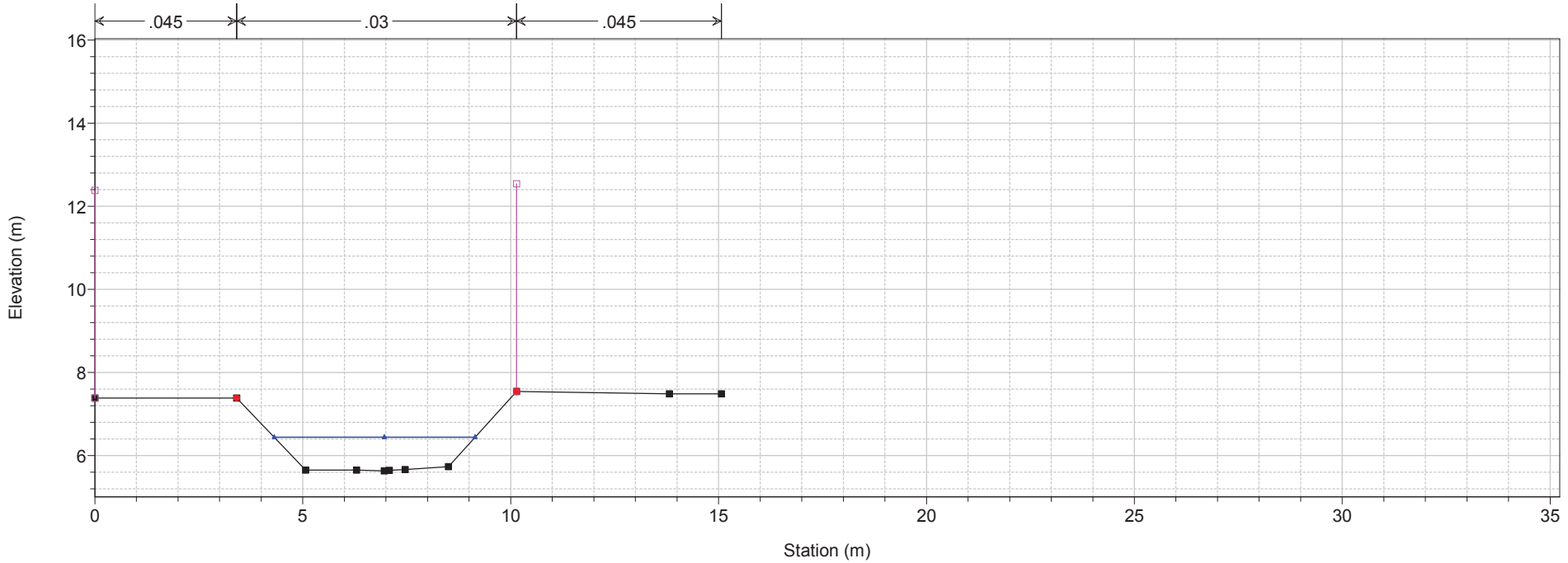
1) A TR 200 2) A TR 30

River = Fosso dei Fichi Reach = Fichi RS = 9.1



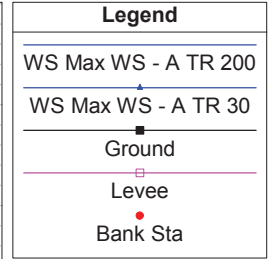
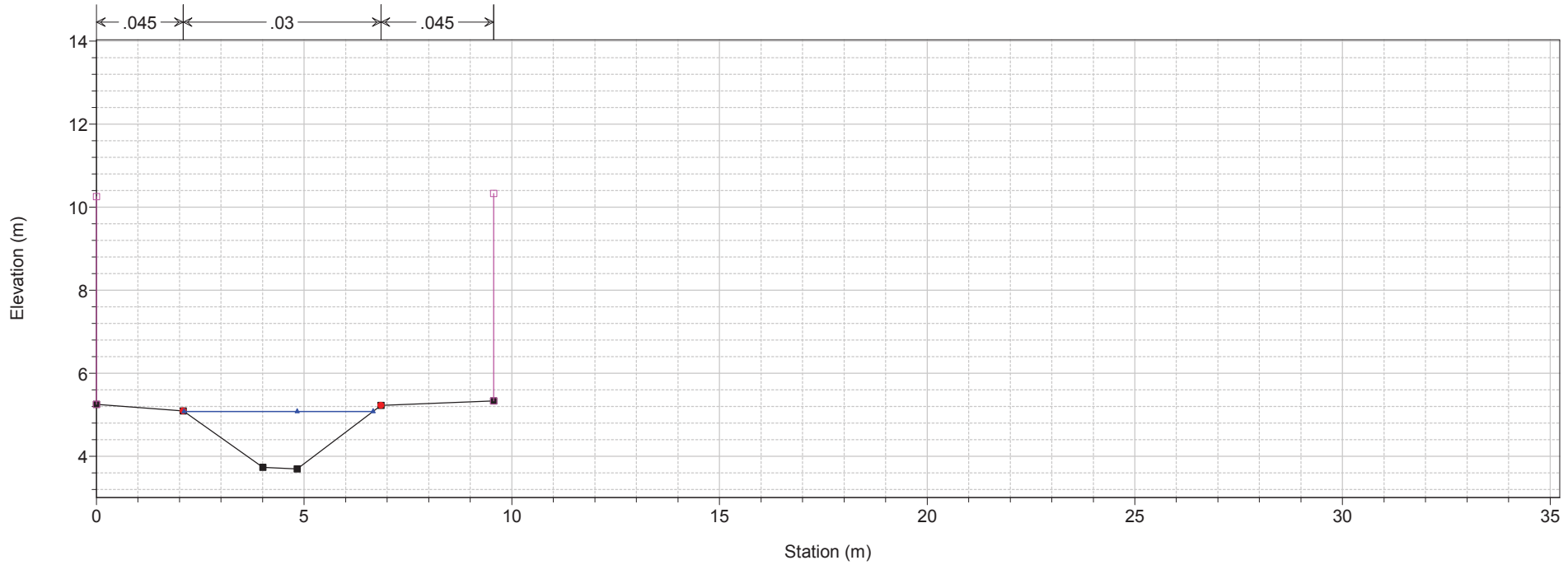
1) A TR 200 2) A TR 30

River = Fosso dei Fichi Reach = Fichi RS = 9 Sez. 5

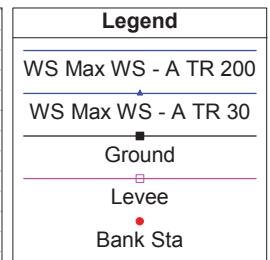
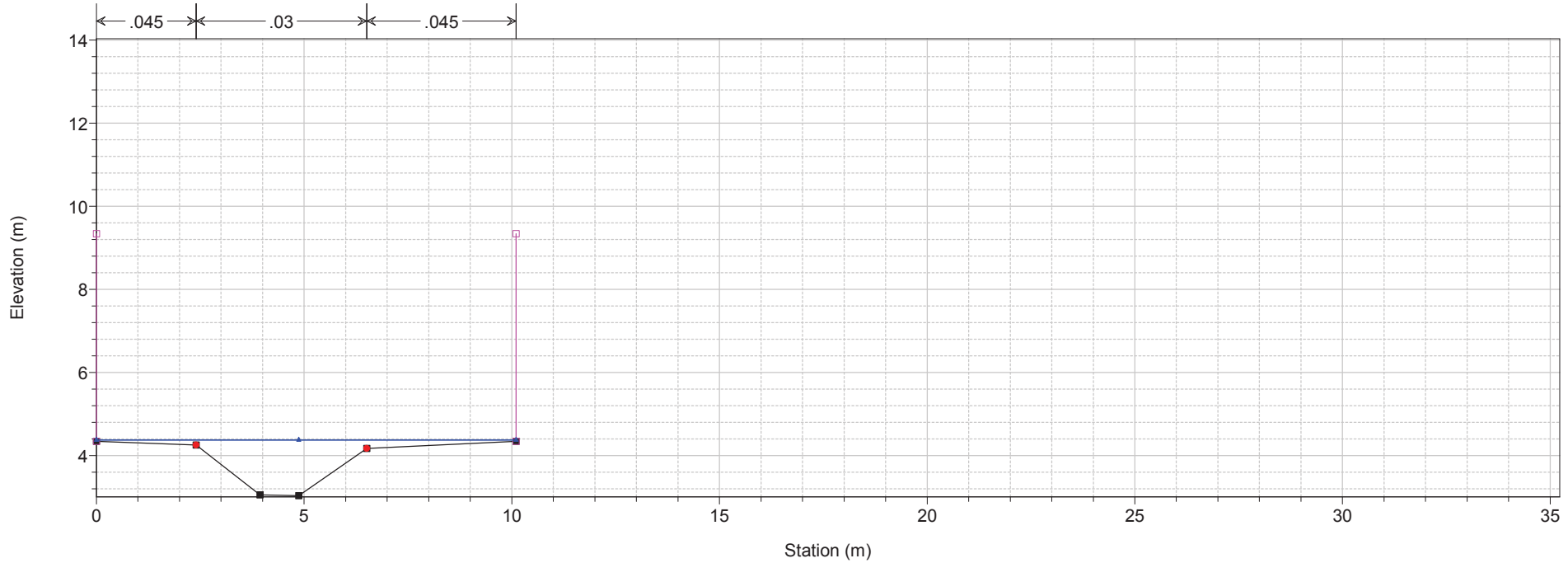


1 cm Horiz. = 1.5 m 1 cm Vert. = 1.5 m

1) A TR 200 2) A TR 30
 River = Fosso dei Fichi Reach = Fichi RS = 8 Sez. 6

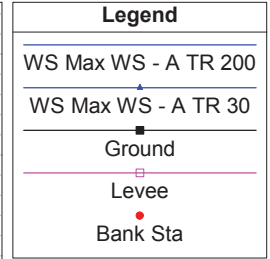
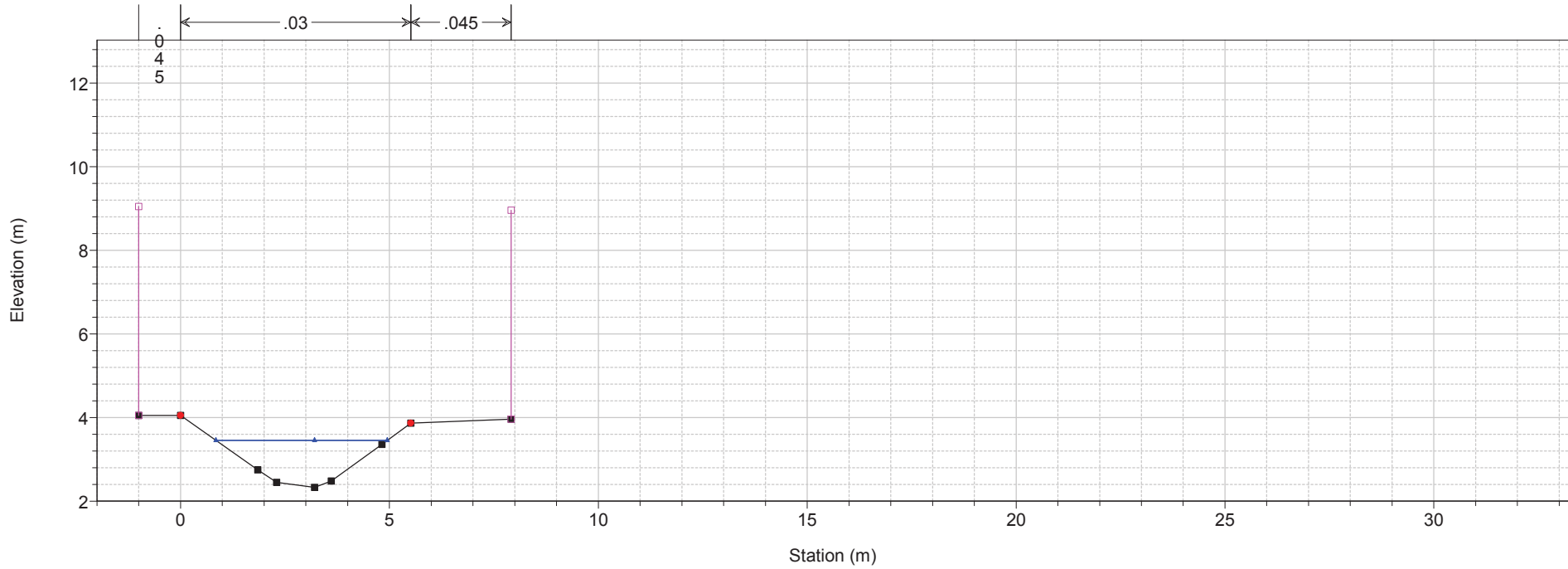


1) A TR 200 2) A TR 30
 River = Fosso dei Fichi Reach = Fichi RS = 7 Sez. 7

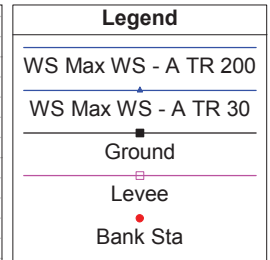
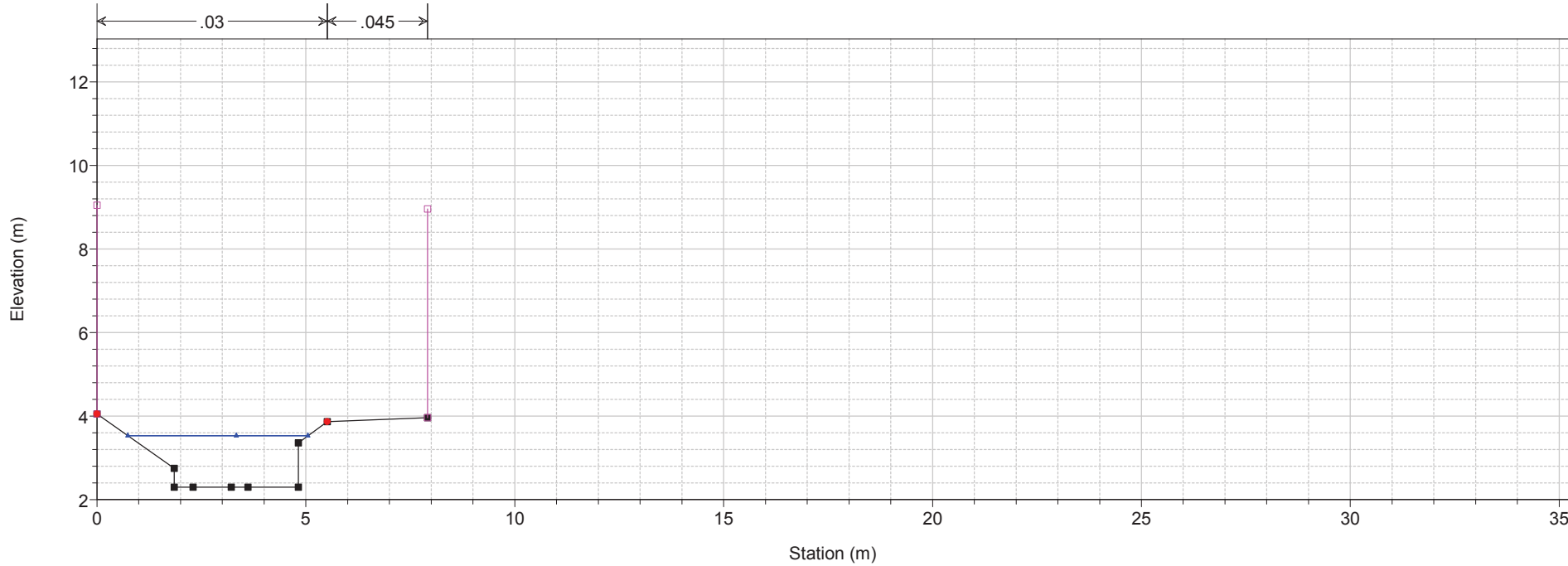


1 cm Horiz. = 1.5 m 1 cm Vert. = 1.5 m

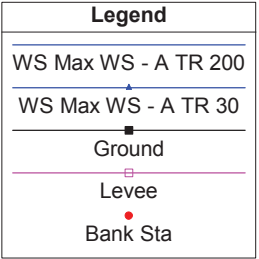
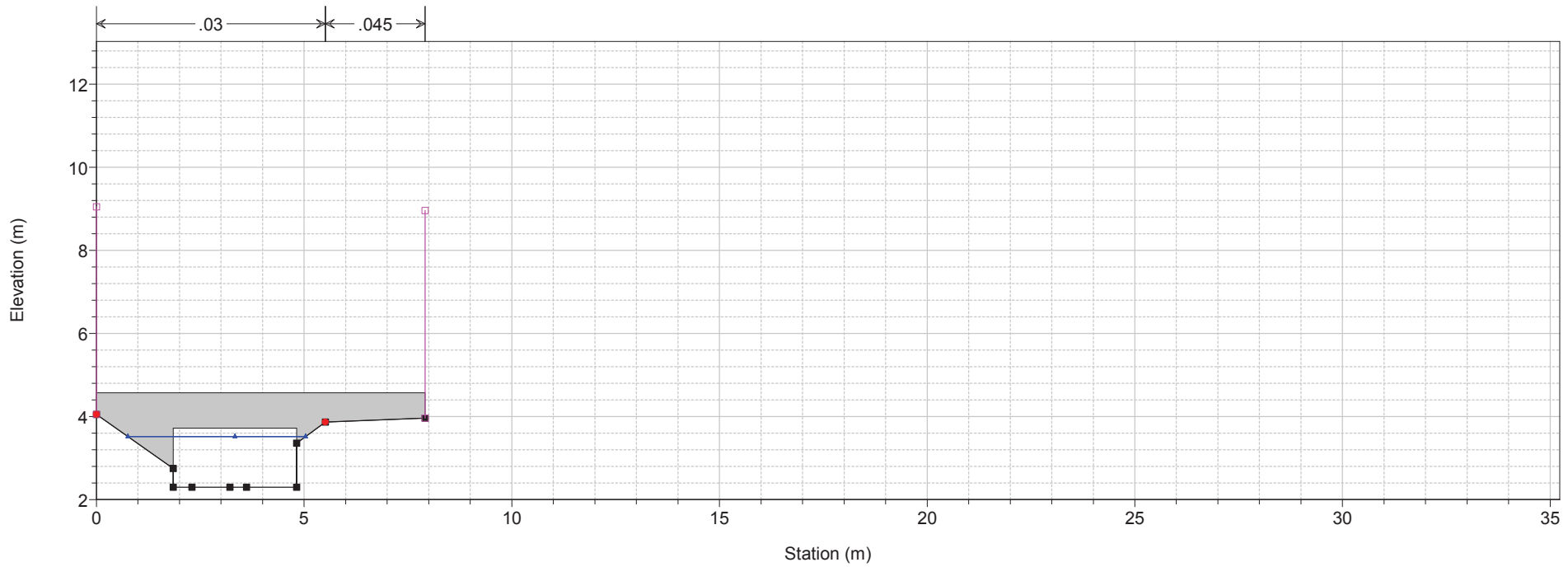
1) A TR 200 2) A TR 30
 River = Fosso dei Fichi Reach = Fichi RS = 6 Sez. 8



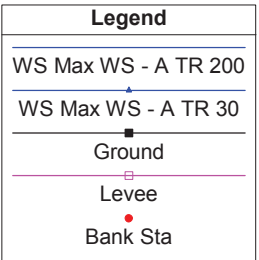
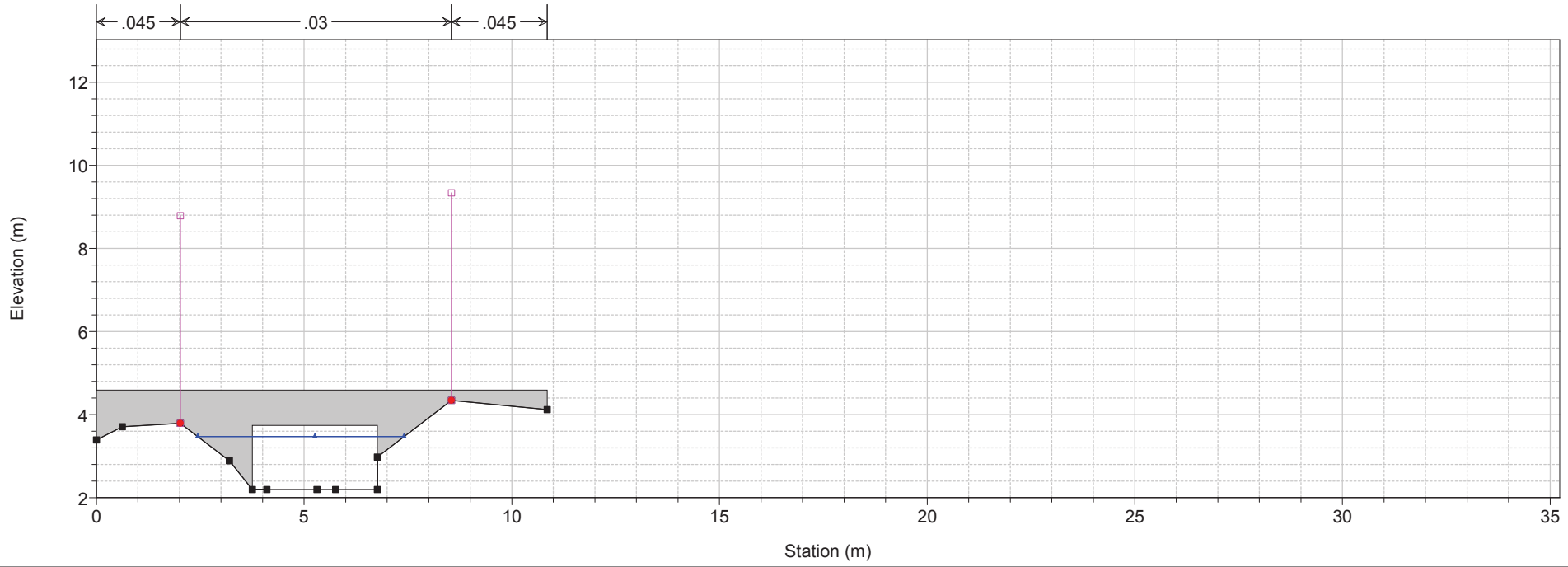
1) A TR 200 2) A TR 30
 River = Fosso dei Fichi Reach = Fichi RS = 5.9



1) A TR 200 2) A TR 30
 River = Fosso dei Fichi Reach = Fichi RS = 5.5 BR

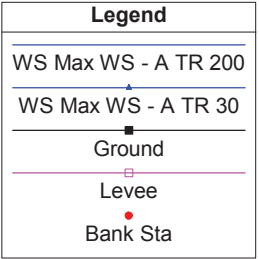
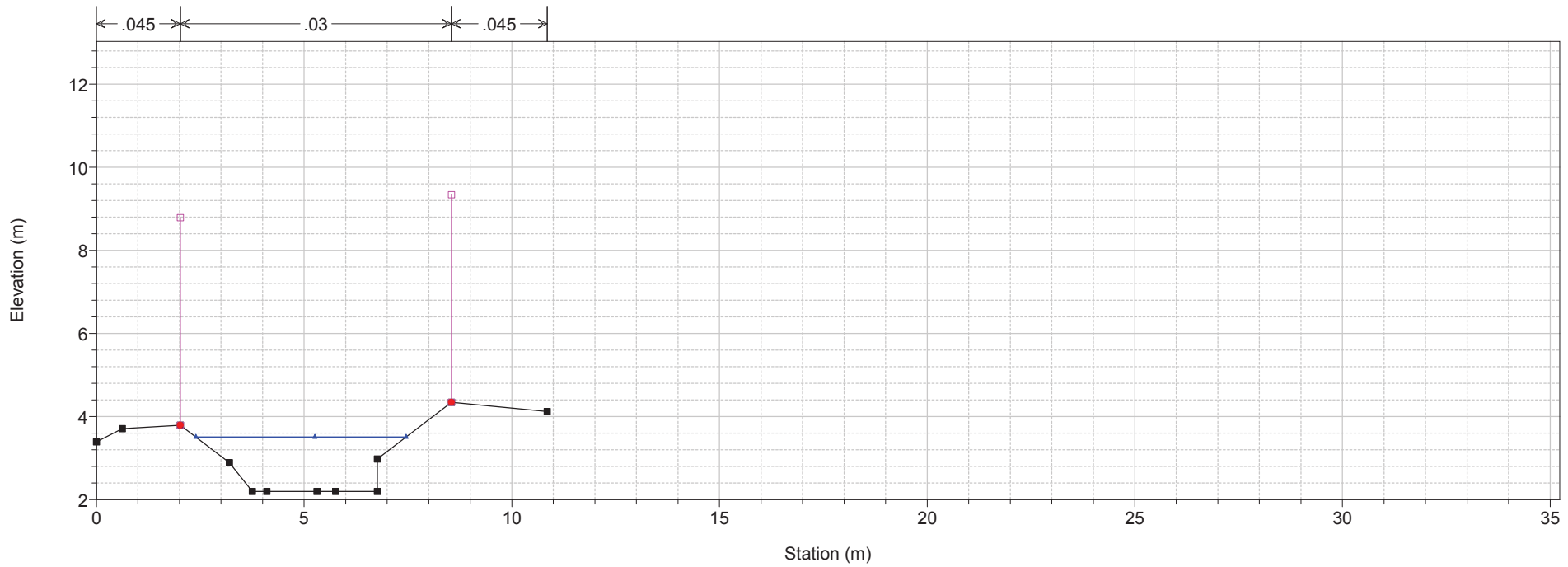


1) A TR 200 2) A TR 30
 River = Fosso dei Fichi Reach = Fichi RS = 5.5 BR

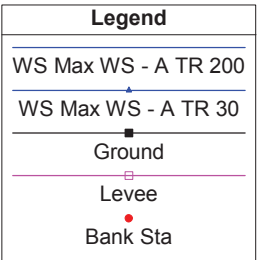
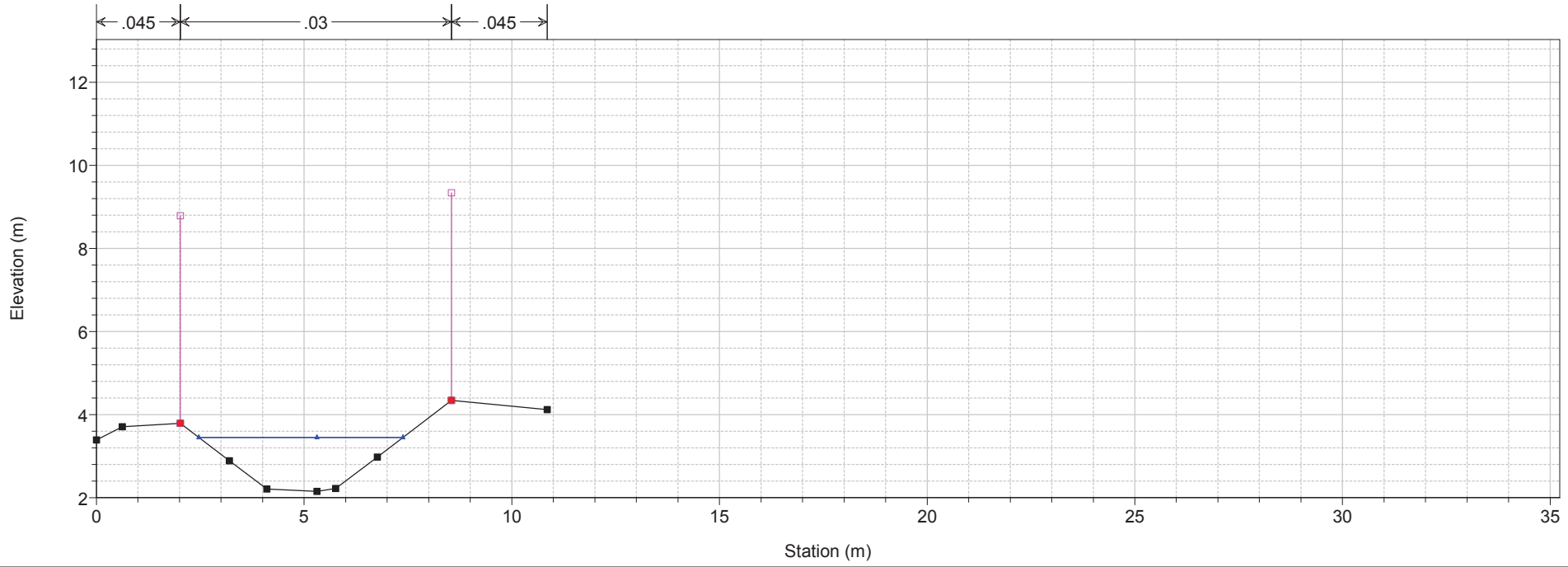


1 cm Horiz. = 1.5 m 1 cm Vert. = 1.5 m

1) A TR 200 2) A TR 30
 River = Fosso dei Fichi Reach = Fichi RS = 5.1



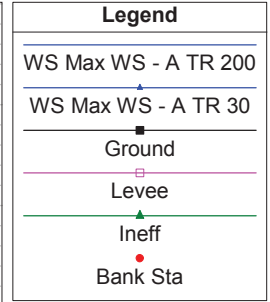
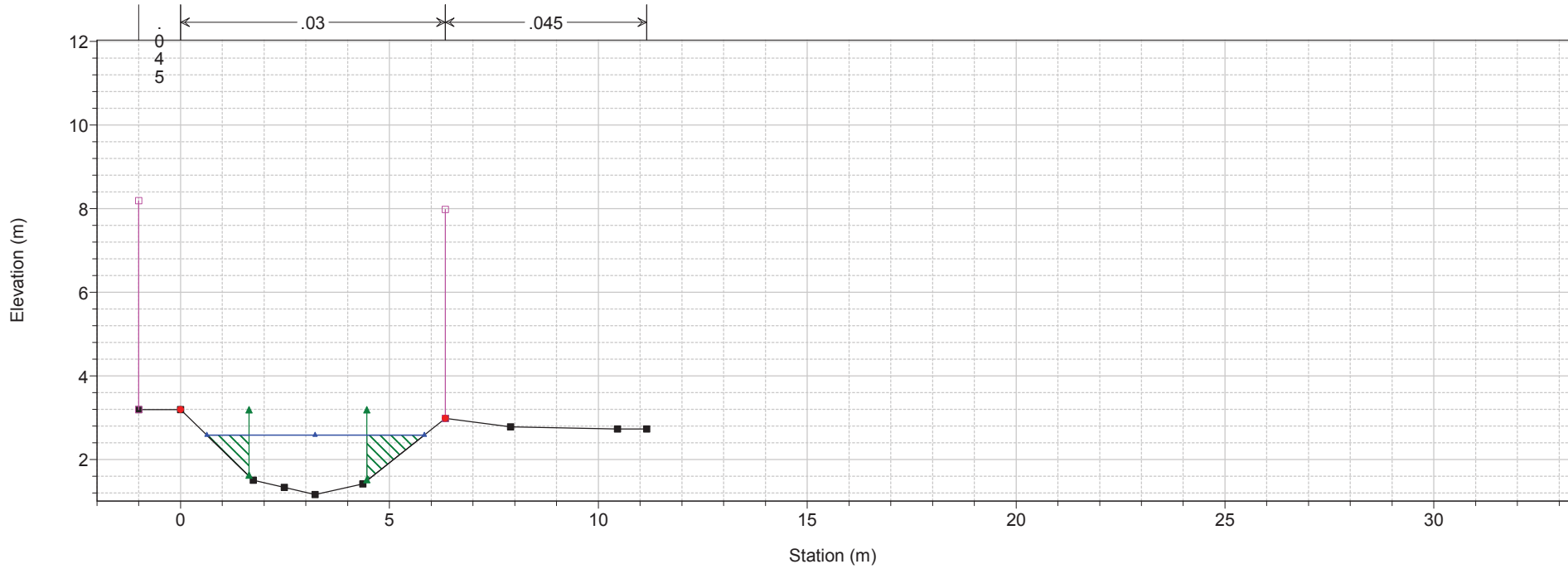
1) A TR 200 2) A TR 30
 River = Fosso dei Fichi Reach = Fichi RS = 5 Sez. 9



1 cm Horiz. = 1.5 m 1 cm Vert. = 1.5 m

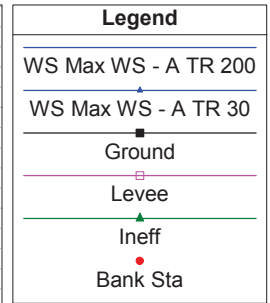
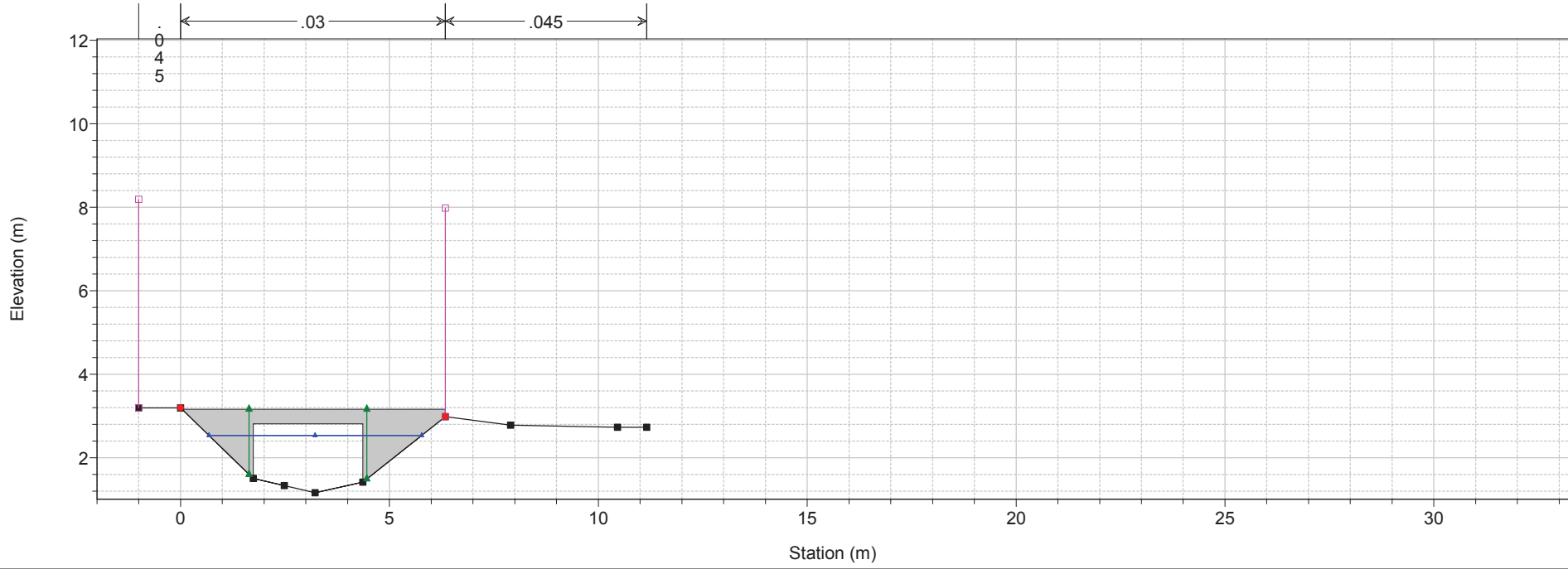
1) A TR 200 2) A TR 30

River = Fosso dei Fichi Reach = Fichi RS = 4 Sez. 10



1) A TR 200 2) A TR 30

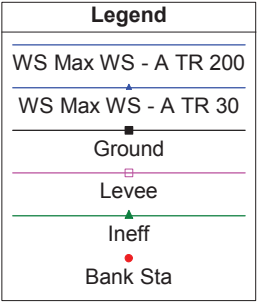
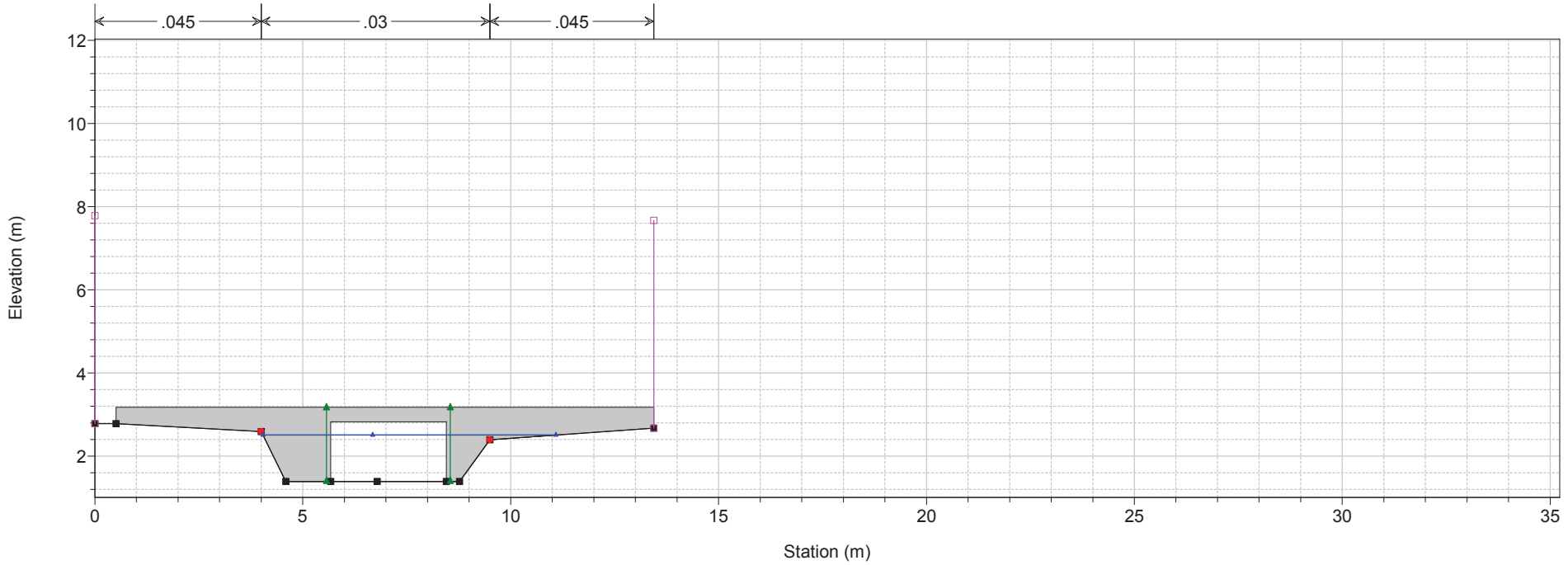
River = Fosso dei Fichi Reach = Fichi RS = 3.5 BR



1 cm Horiz. = 1.5 m 1 cm Vert. = 1.5 m

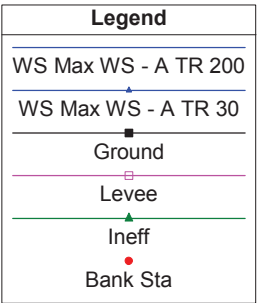
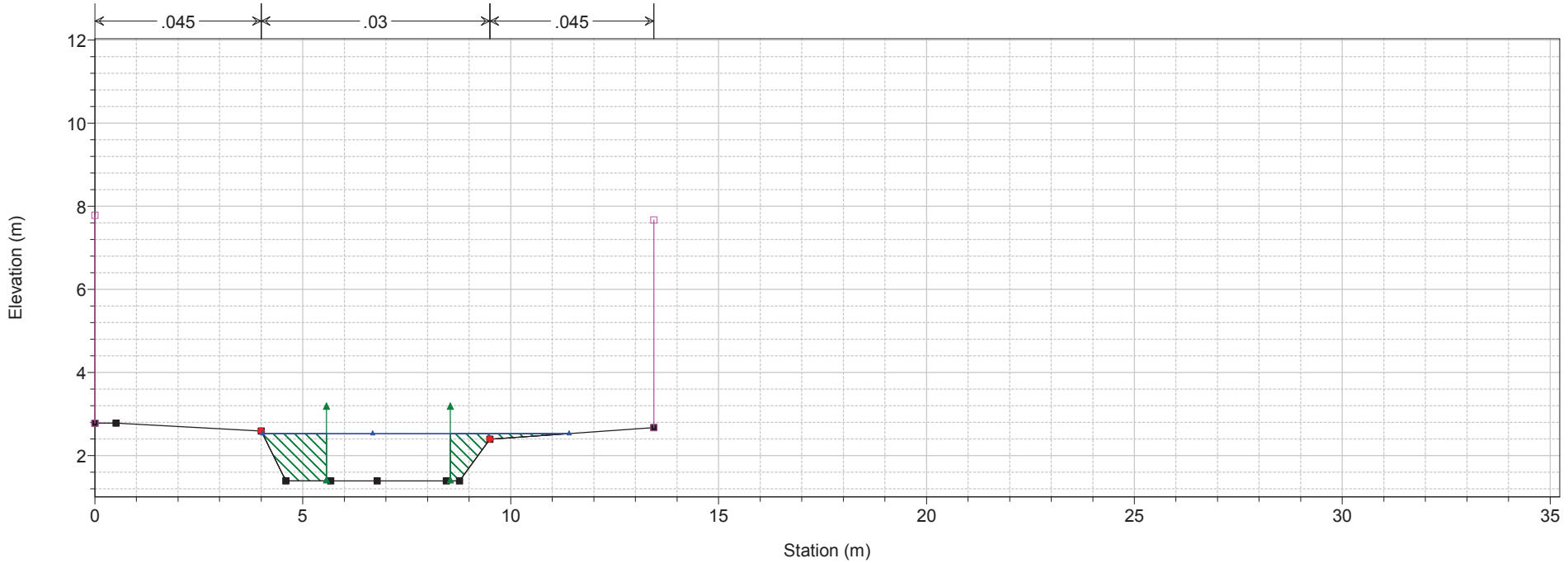
1) A TR 200 2) A TR 30

River = Fosso dei Fichi Reach = Fichi RS = 3.5 BR



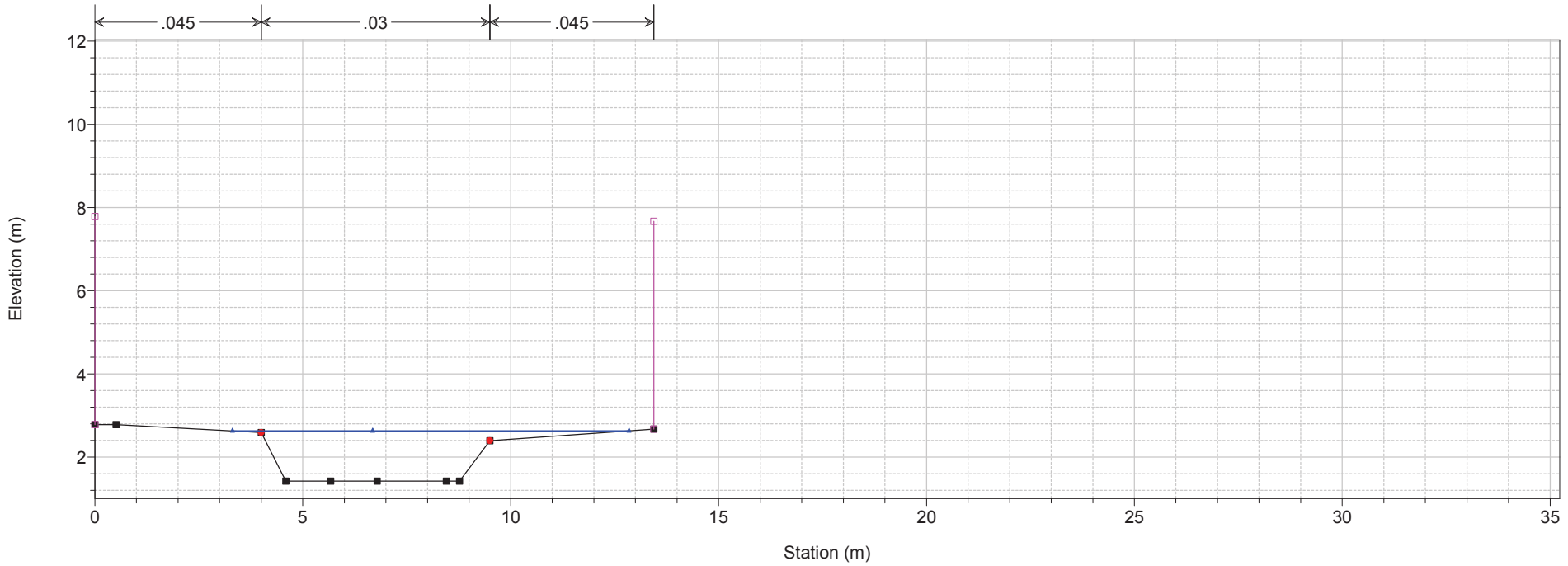
1) A TR 200 2) A TR 30

River = Fosso dei Fichi Reach = Fichi RS = 3.1



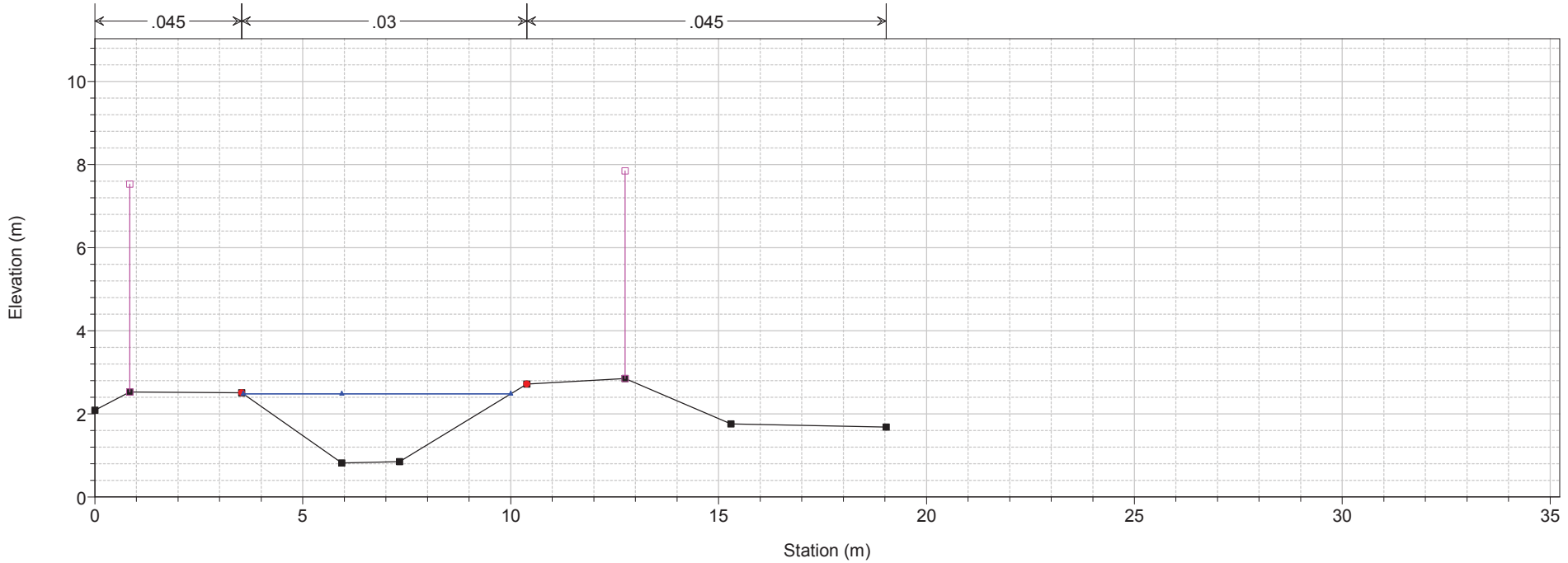
1) A TR 200 2) A TR 30

River = Fosso dei Fichi Reach = Fichi RS = 3 Sez. 11



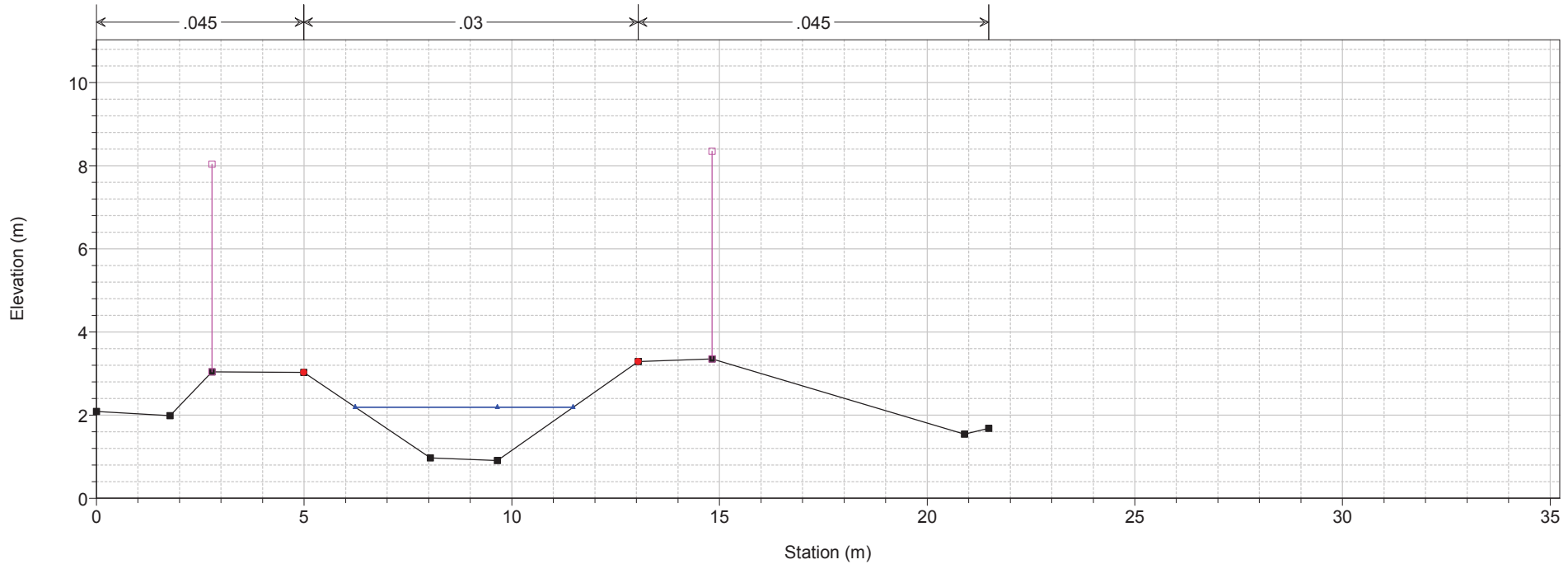
1) A TR 200 2) A TR 30

River = Fosso dei Fichi Reach = Fichi RS = 2 Sez. 12



1) A TR 200 2) A TR 30

River = Fosso dei Fichi Reach = Fichi RS = 1 Sez. 13



Legend

- WS Max WS - A TR 200 (Blue line with arrowheads)
- WS Max WS - A TR 30 (Red square)
- Ground (Black line with square)
- Levee (Pink line with square)
- Bank Sta (Red square)

Reach	River Sta	Plan	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
Fichi	2.97		Lat Struct									
Fichi	2	A TR 200	6.15	0.82	2.48	1.74	2.53	0.000993	0.96	6.43	6.43	0.30
Fichi	2	A TR 30	6.14	0.82	2.48	1.74	2.53	0.000993	0.96	6.43	6.43	0.30
Fichi	1	A TR 200	6.15	0.91	2.19	1.82	2.30	0.002906	1.43	4.29	5.24	0.51
Fichi	1	A TR 30	6.14	0.91	2.19	1.82	2.30	0.002908	1.43	4.29	5.24	0.51

Reach	River Sta	Plan	Q US (m3/s)	Q Leaving Total (m3/s)	Q DS (m3/s)	Q Weir (m3/s)	Q Gates (m3/s)	Wr Top Width (m)	Weir Max Depth (m)	Weir Avg Depth (m)	Min El Weir Flow (m)	E.G. US. (m)	W.S. US. (m)	E.G. DS (m)	W.S. DS (m)
Fichi	12.98	A TR 200	37.70	26.10	6.58	26.10		122.34	0.57	0.23	8.05	10.60	9.41	8.48	8.44
Fichi	12.98	A TR 30	20.87	13.07	6.51	13.07		122.34	0.35	0.14	8.05	9.84	9.18	8.44	8.40
Fichi	12.97	A TR 200	37.70	6.22	6.58	6.22		61.34	0.34	0.14	8.21	10.60	9.41	8.48	8.44
Fichi	12.97	A TR 30	20.87	1.29	6.51	1.29		33.49	0.19	0.07	8.21	9.84	9.18	8.44	8.40
Fichi	10.98	A TR 200	6.70	0.00	6.55	0.00					8.02	7.89	7.63	7.28	7.20
Fichi	10.98	A TR 30	6.51	0.00	6.51	0.00					8.02	7.87	7.62	7.28	7.19
Fichi	10.97	A TR 200	6.70	0.00	6.55	0.00					7.98	7.89	7.63	7.28	7.20
Fichi	10.97	A TR 30	6.51	0.00	6.51	0.00					7.98	7.87	7.62	7.28	7.19
Fichi	7.98	A TR 200	6.53	0.21	6.15	0.21		43.77	0.03	0.02	3.96	5.24	5.08	3.71	3.46
Fichi	7.98	A TR 30	6.51	0.21	6.14	0.21		43.26	0.03	0.02	3.96	5.24	5.08	3.70	3.46
Fichi	7.97	A TR 200	6.53	0.17	6.15	0.17		38.97	0.03	0.02	4.05	5.24	5.08	3.71	3.46
Fichi	7.97	A TR 30	6.51	0.16	6.14	0.16		38.50	0.03	0.02	4.05	5.24	5.08	3.70	3.46
Fichi	2.98	A TR 200	6.15	0.00	6.15	0.00					2.67	2.68	2.63	2.30	2.19
Fichi	2.98	A TR 30	6.14	0.00	6.14	0.00					2.67	2.68	2.63	2.30	2.19
Fichi	2.97	A TR 200	6.15	0.00	6.15	0.00					2.53	2.68	2.63	2.30	2.19
Fichi	2.97	A TR 30	6.14	0.00	6.14	0.00					2.53	2.68	2.63	2.30	2.19

Botro Iurco e botro Crocetta

Stato attuale e stato di progetto

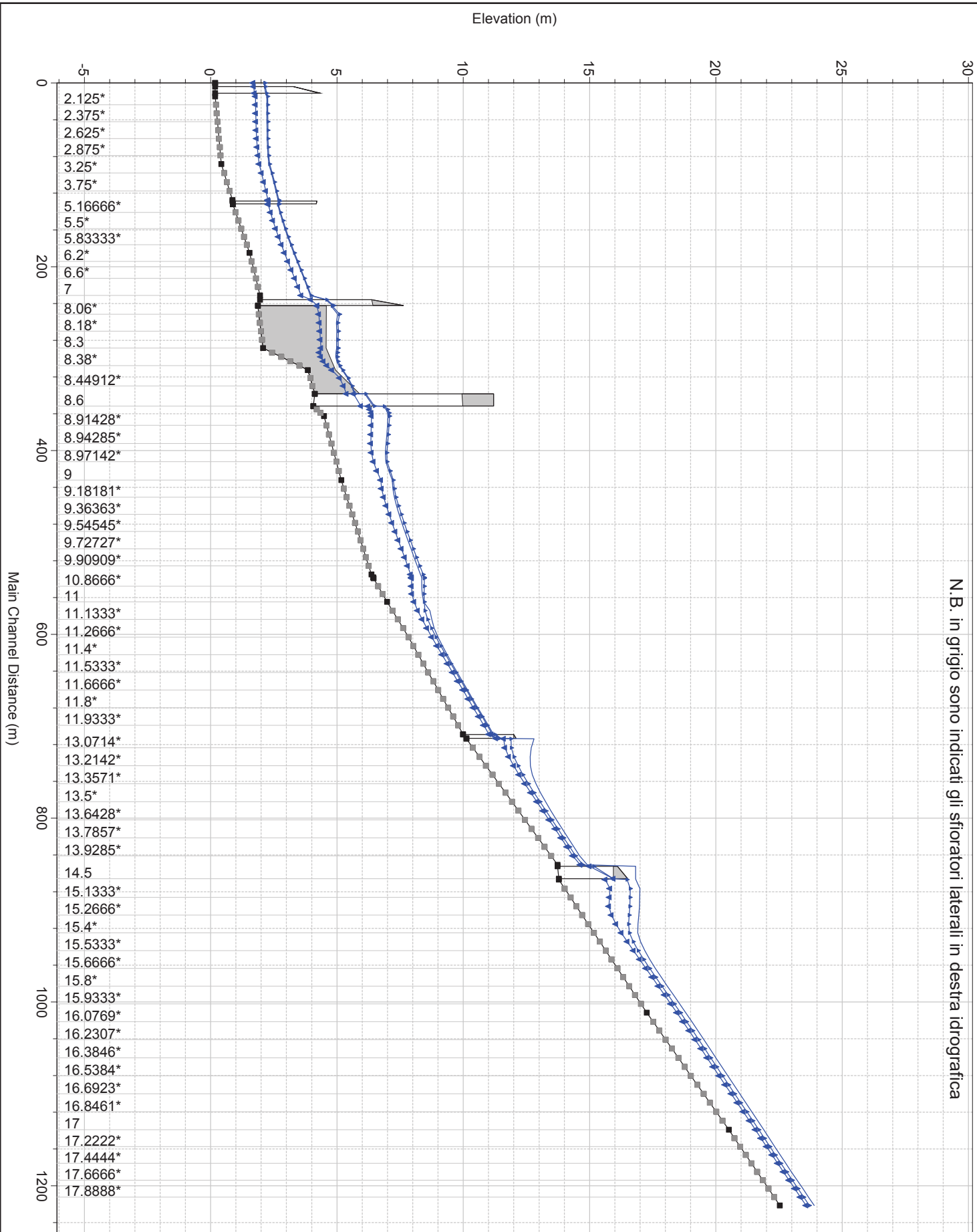


None of the XS's are Geo-Referenced (Geo-Ref user entered XS, Geo-Ref interpolated XS, Non Geo-Ref user entered XS, Non Geo-Ref interpolated XS)

1 cm Horiz. = 68 m 1 cm Vert. = 55 m

1) A TR 200 1.5h 2) A TR 200 3h 3) A TR 30 1.5h

N.B. in grigio sono indicati gli sfioratori laterali in destra idrografica

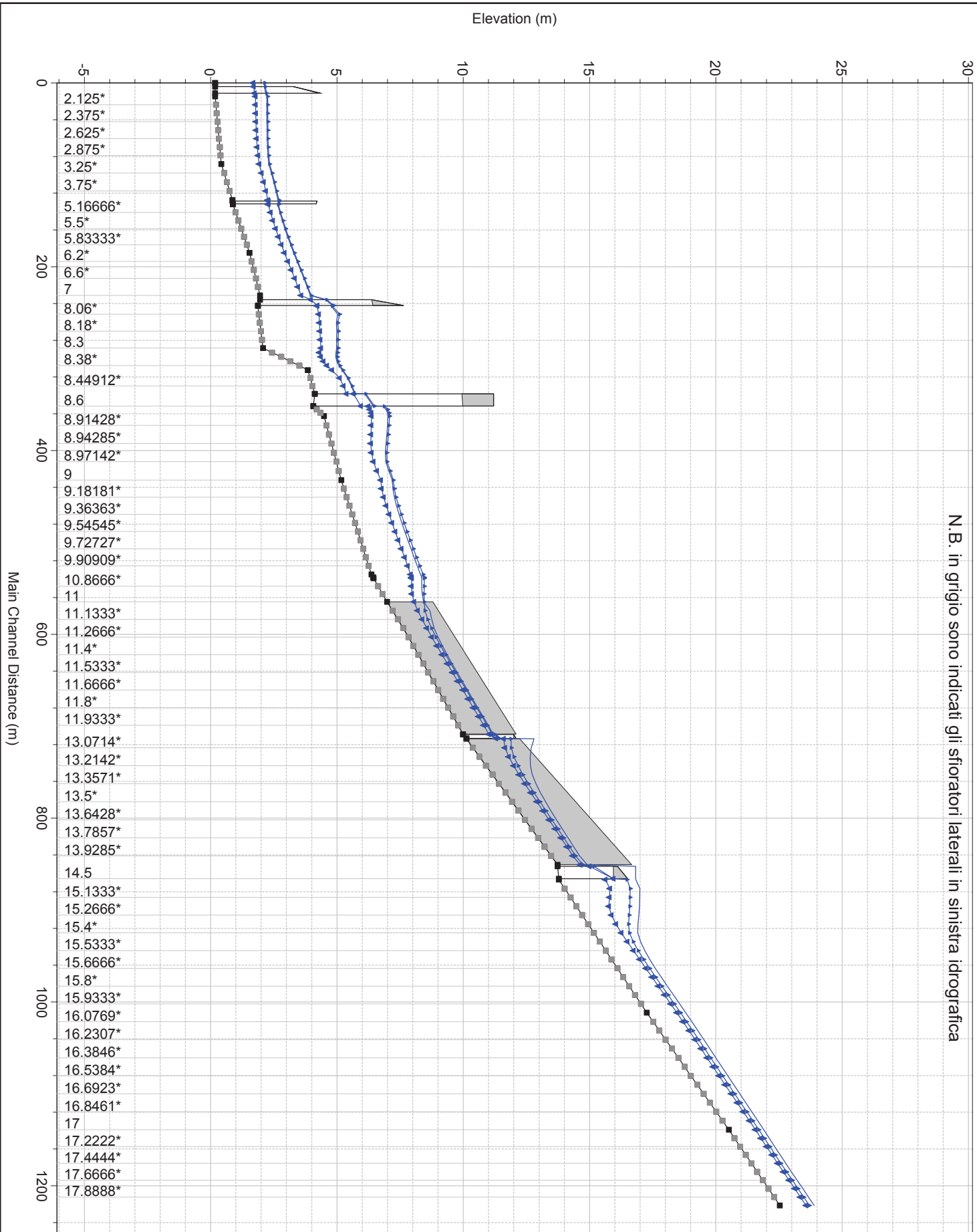


Legend	
WS Max WS - A TR 200 3h	▲
WS Max WS - A TR 200 1.5h	■
WS Max WS - A TR 30 1.5h	■
Ground	■

1 cm Horiz. = 55 m 1 cm Vert. = 2 m

1) A TR 200 1.5h 2) A TR 200 3h 3) A TR 30 1.5h

N.B. in grigio sono indicati gli sfioratori laterali in sinistra idrografica



Legend	
WS Max WS - A TR 200 3h	▲
WS Max WS - A TR 200 1.5h	▲
WS Max WS - A TR 30 1.5h	▲
Ground	■

1 cm Horiz. = 55 m 1 cm Vert. = 2 m

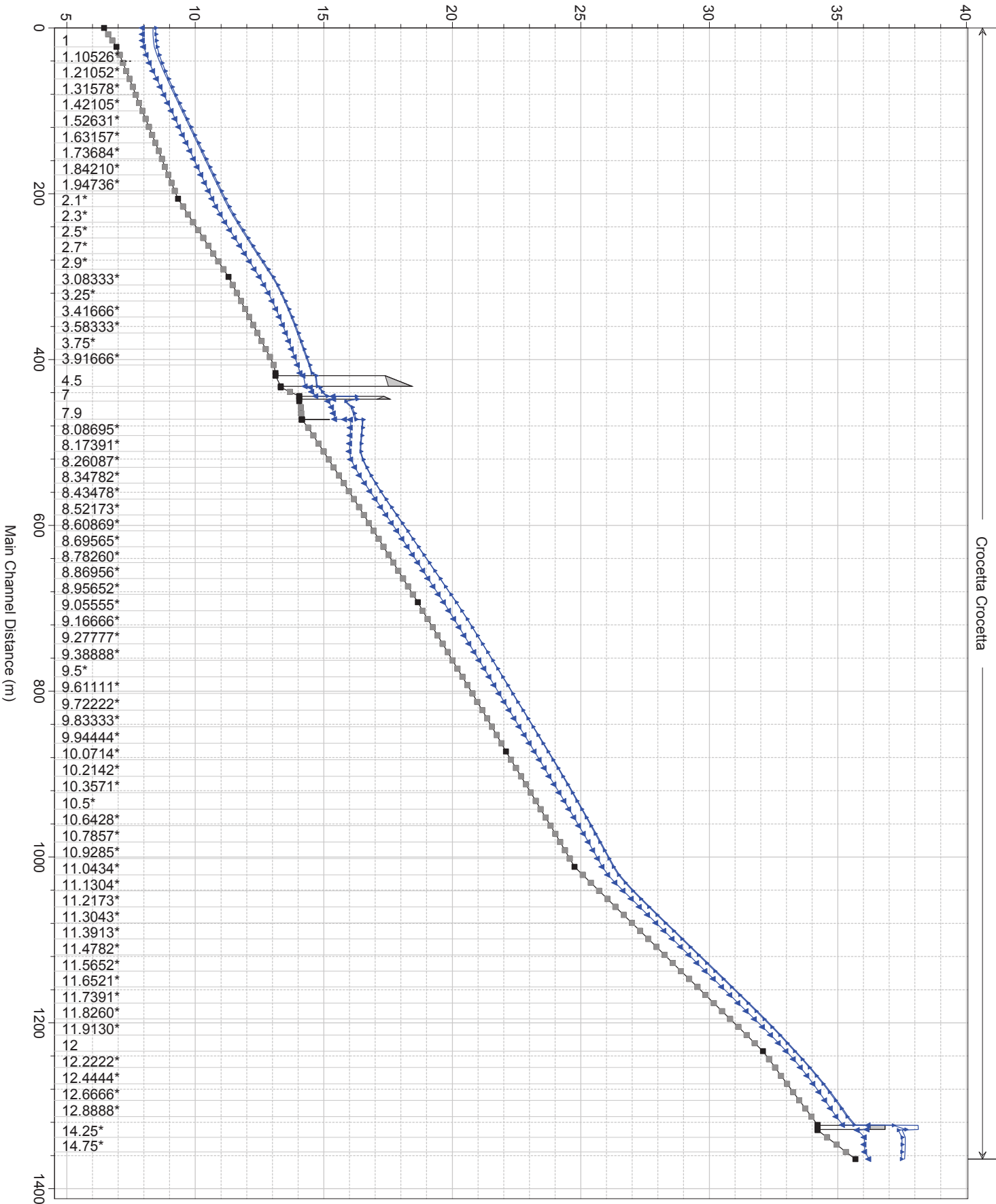
Main Channel Distance (m)

Elevation (m)

2.125*
2.375*
2.625*
2.875*
3.25*
3.75*
5.16666*
5.5*
5.83333*
6.2*
6.6*
7
8.06*
8.18*
8.3
8.38*
8.44912*
8.6
8.91428*
8.94285*
8.97142*
9
9.18181*
9.36363*
9.54545*
9.72727*
9.90909*
10.8666*
11
11.1333*
11.2666*
11.4*
11.5333*
11.6666*
11.8*
11.9333*
13.0714*
13.2142*
13.3571*
13.5*
13.6428*
13.7857*
13.9285*
14.5
15.1333*
15.2666*
15.4*
15.5333*
15.6666*
15.8*
15.9333*
16.0769*
16.2307*
16.3846*
16.5384*
16.6923*
16.8461*
17
17.2222*
17.4444*
17.6666*
17.8888*

1 cm Horiz. = 62 m 1 cm Vert. = 2 m

Elevation (m)

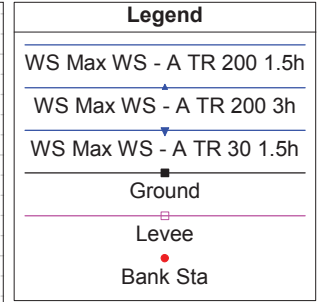
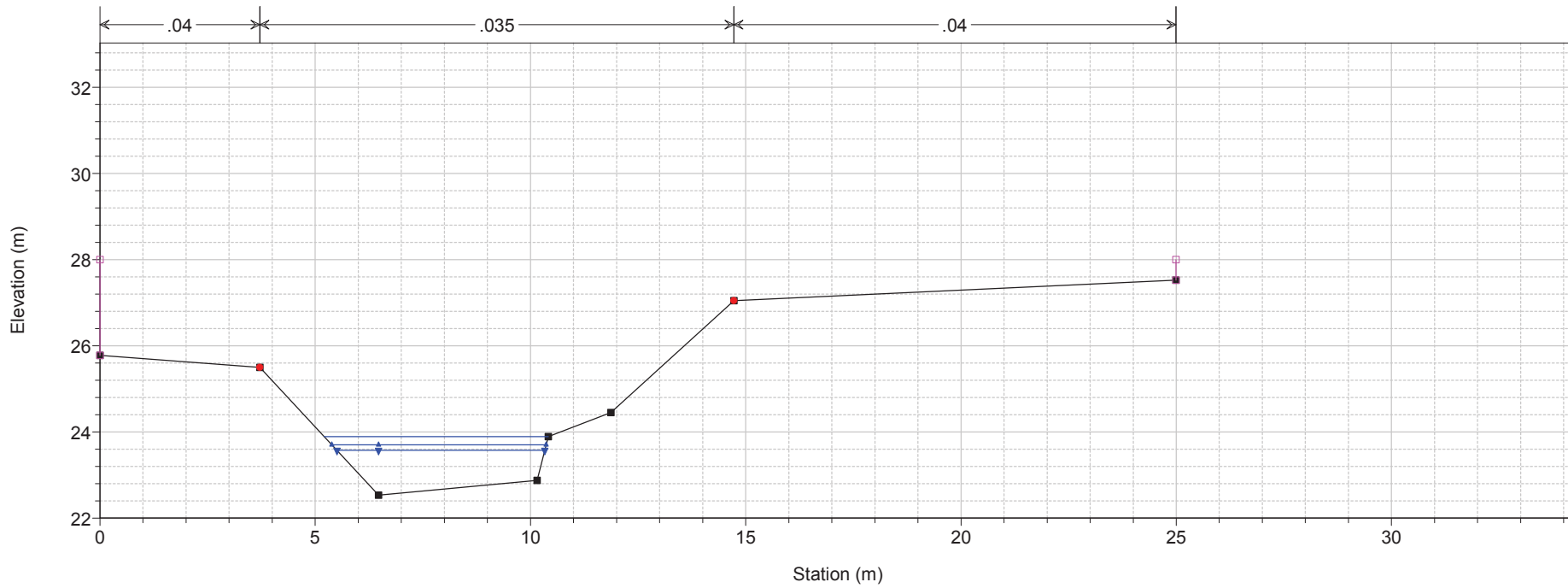


1) A TR 200 1.5h 2) A TR 200 3h 3) A TR 30 1.5h
Crocezza Crocezza

Legend	
WS Max WS - A TR 200 3h	▲
WS Max WS - A TR 200 1.5h	▲
WS Max WS - A TR 30 1.5h	▲
Ground	■

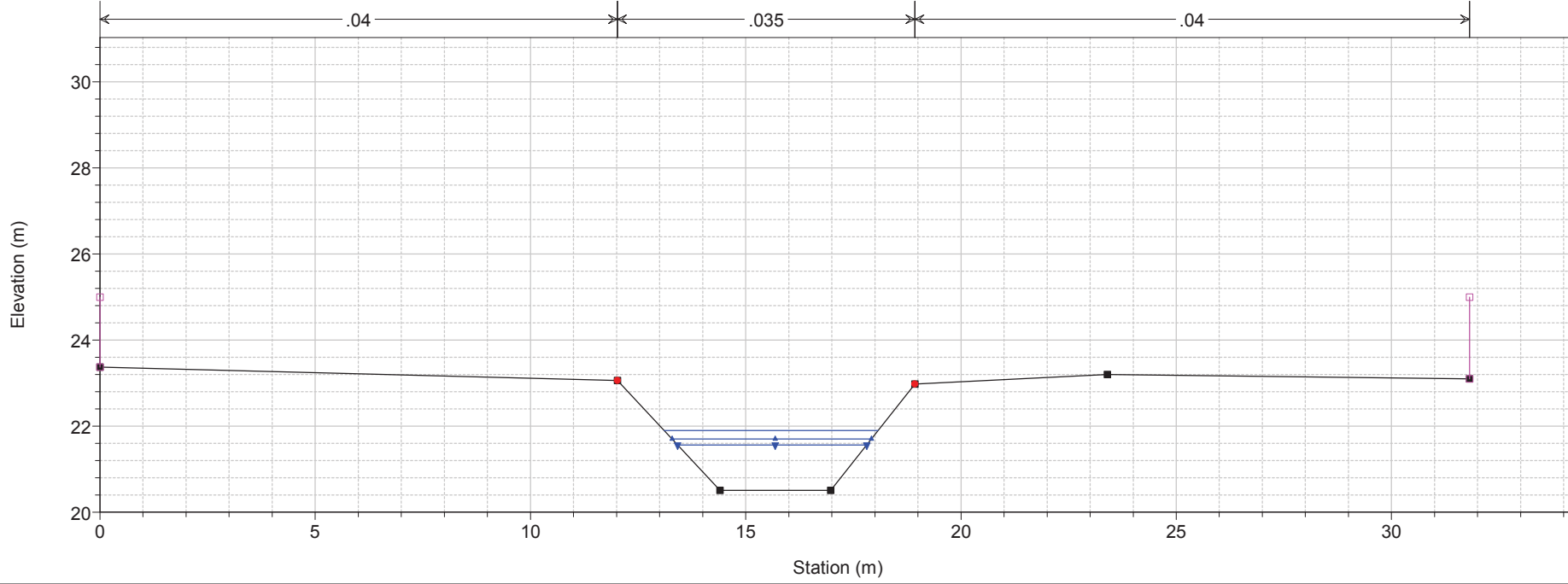
1) A TR 200 1.5h 2) A TR 200 3h 3) A TR 30 1.5h

River = Iurco Reach = Iurco RS = 18 Sez. 1



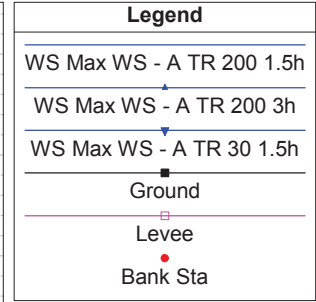
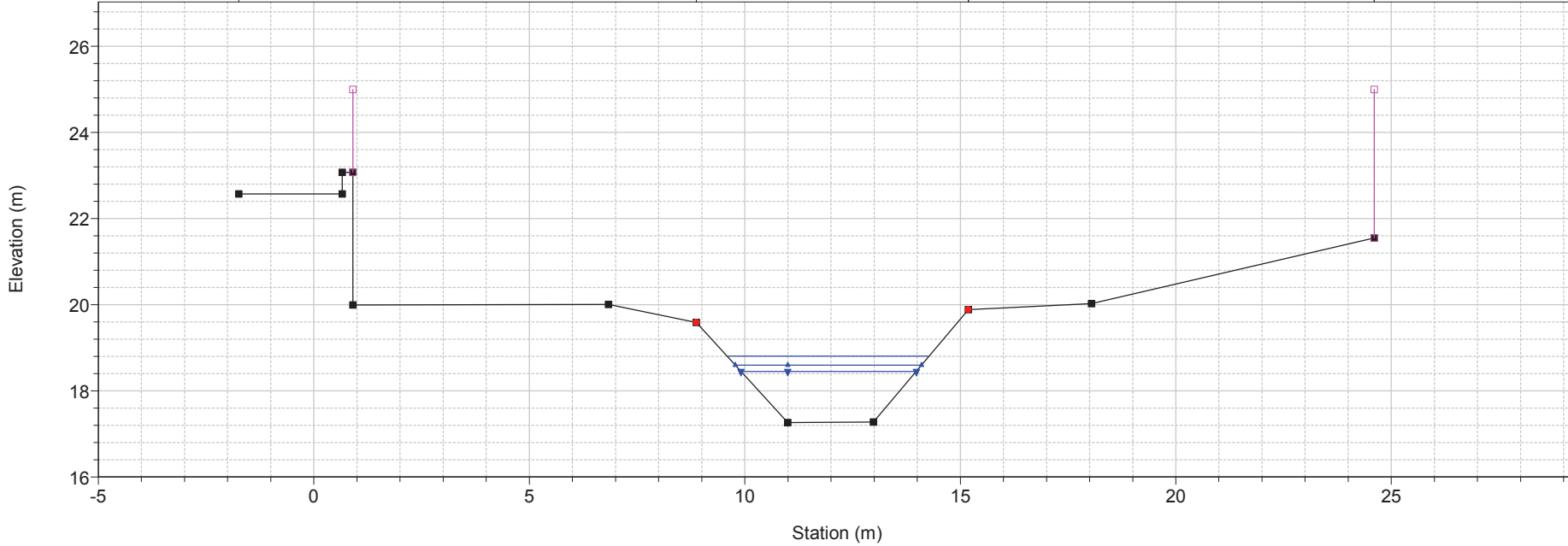
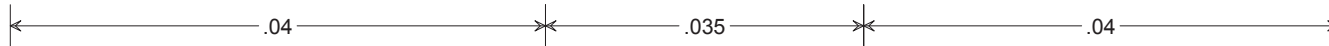
1) A TR 200 1.5h 2) A TR 200 3h 3) A TR 30 1.5h

River = Iurco Reach = Iurco RS = 17 Sez. 2



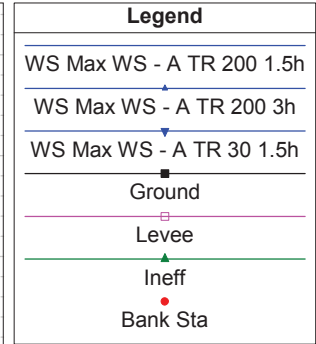
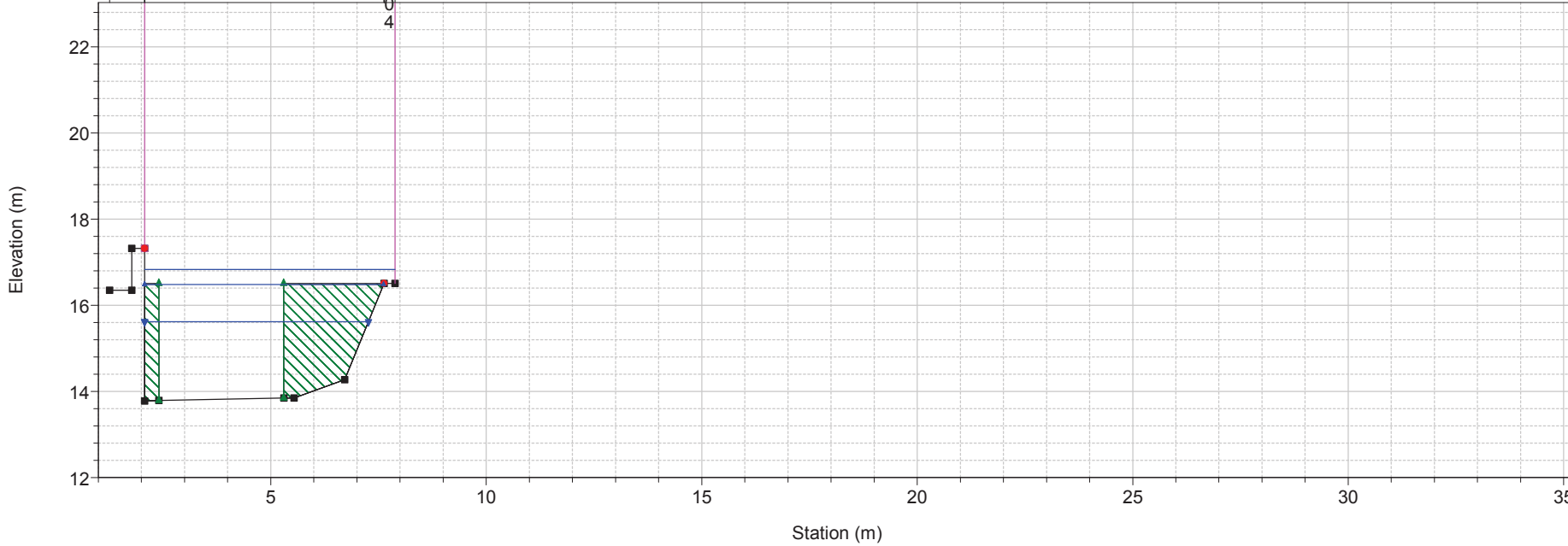
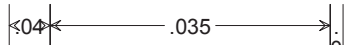
1) A TR 200 1.5h 2) A TR 200 3h 3) A TR 30 1.5h

River = Iurco Reach = Iurco RS = 16 Sez. 3



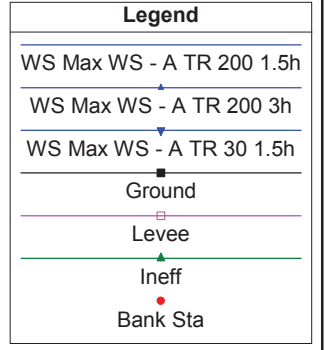
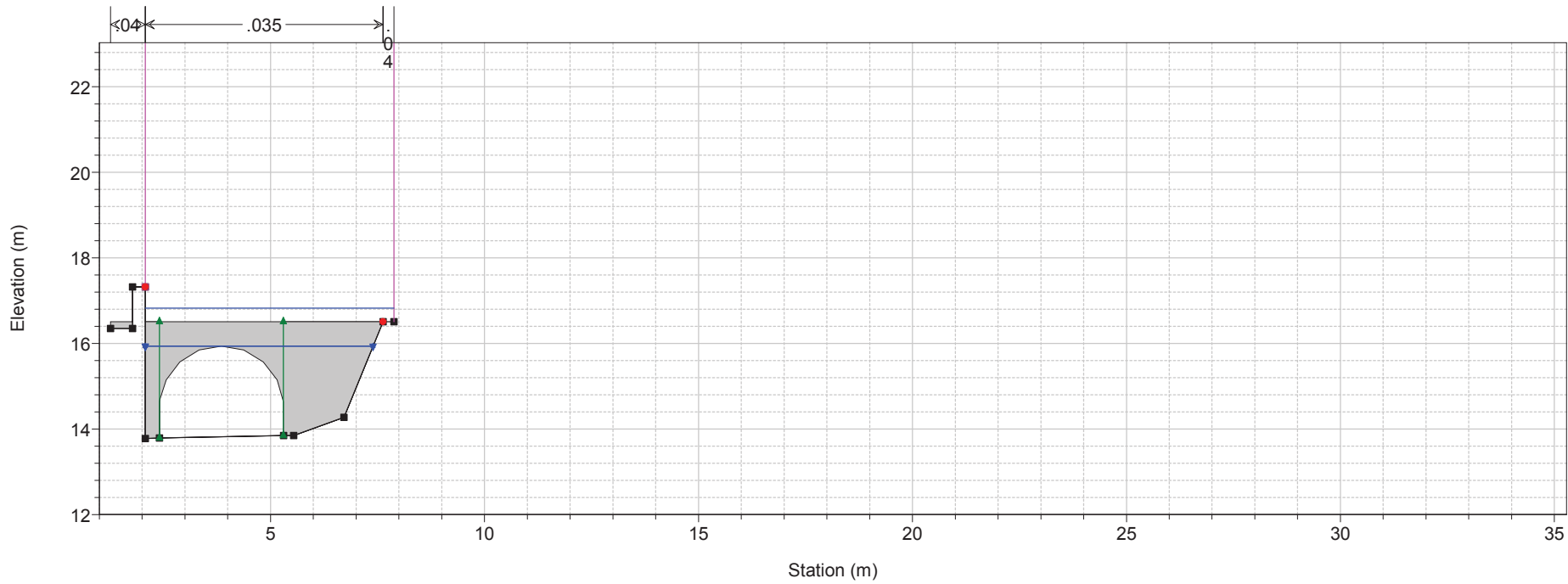
1) A TR 200 1.5h 2) A TR 200 3h 3) A TR 30 1.5h

River = Iurco Reach = Iurco RS = 15 Sez. 4



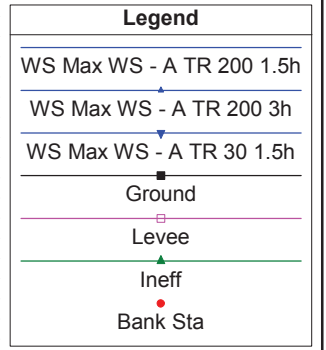
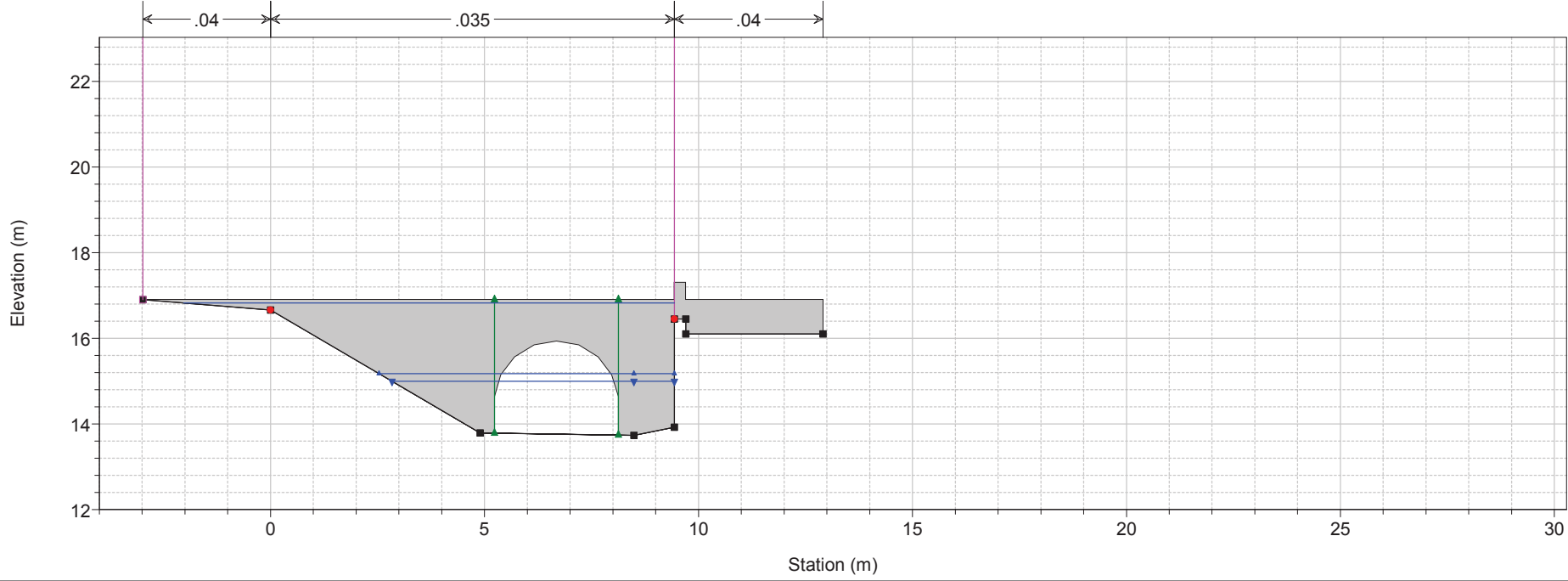
1) A TR 200 1.5h 2) A TR 200 3h 3) A TR 30 1.5h

River = Iurco Reach = Iurco RS = 14.5 BR



1) A TR 200 1.5h 2) A TR 200 3h 3) A TR 30 1.5h

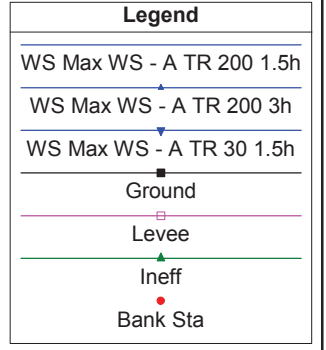
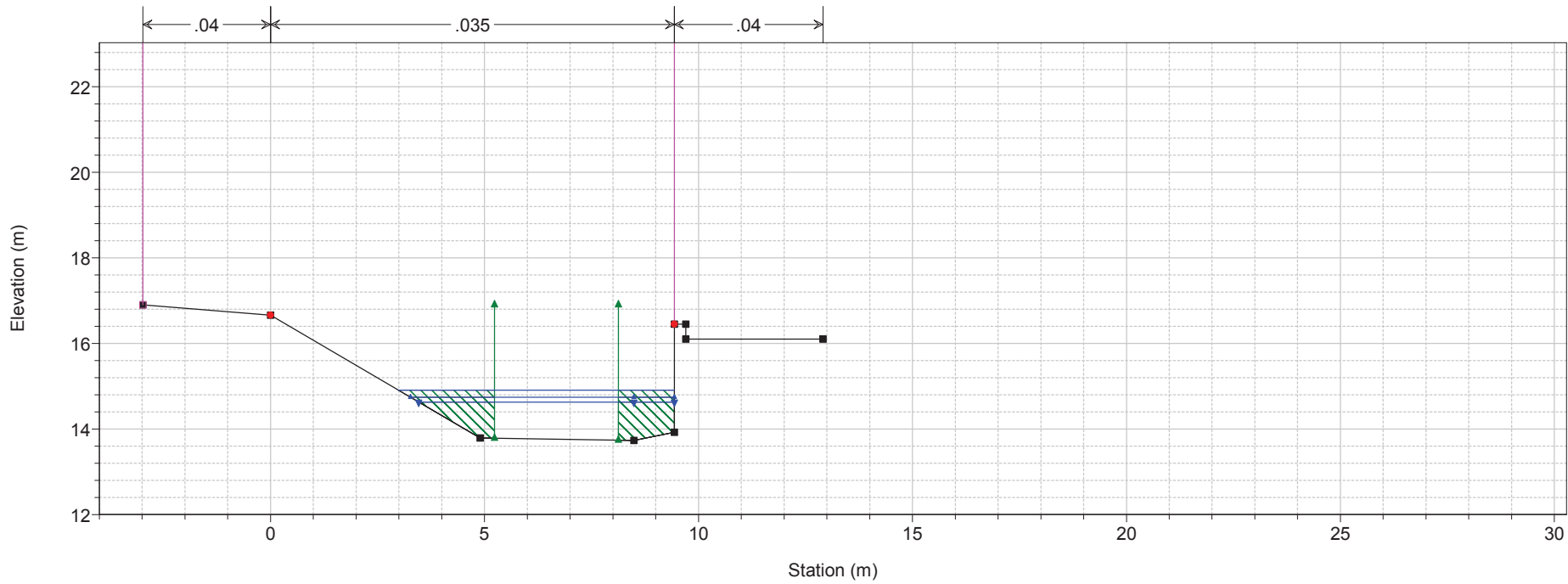
River = Iurco Reach = Iurco RS = 14.5 BR



1 cm Horiz. = 1.5 m 1 cm Vert. = 1.5 m

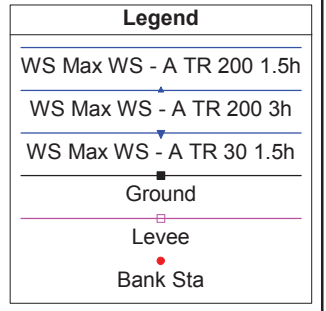
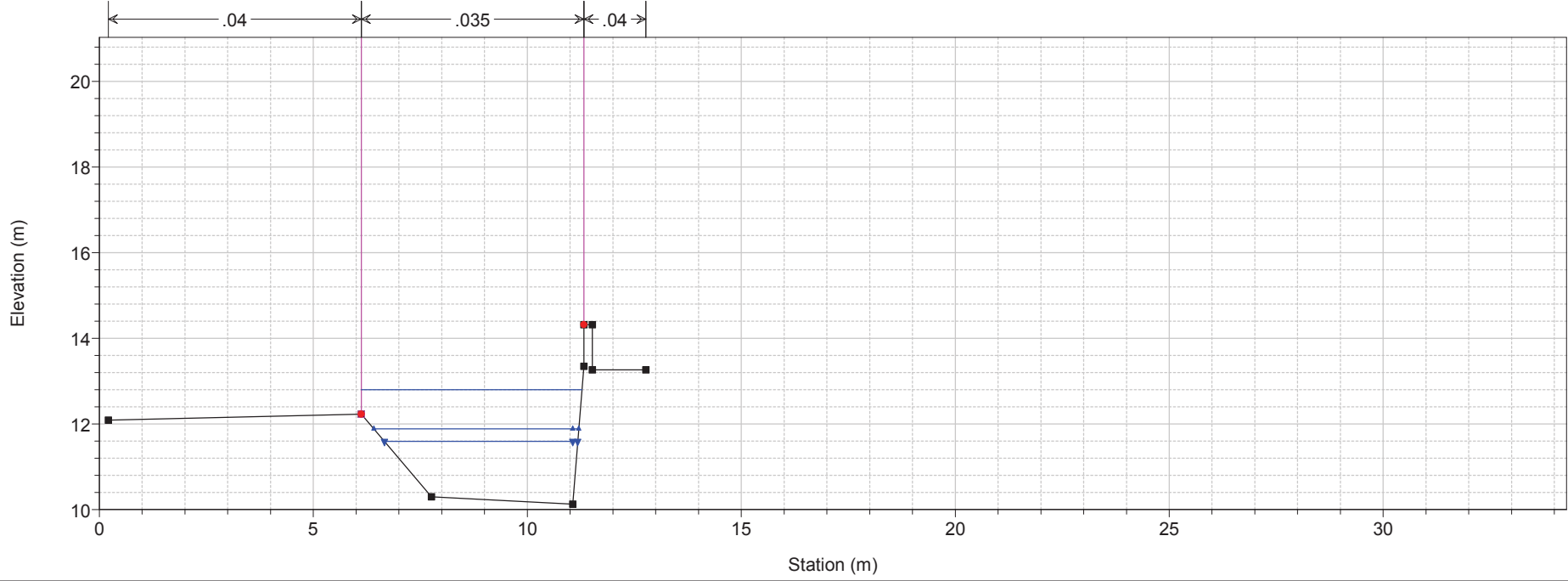
1) A TR 200 1.5h 2) A TR 200 3h 3) A TR 30 1.5h

River = Iurco Reach = Iurco RS = 14 Sez. 5



1) A TR 200 1.5h 2) A TR 200 3h 3) A TR 30 1.5h

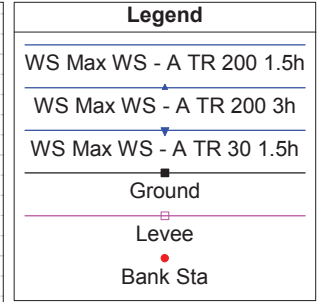
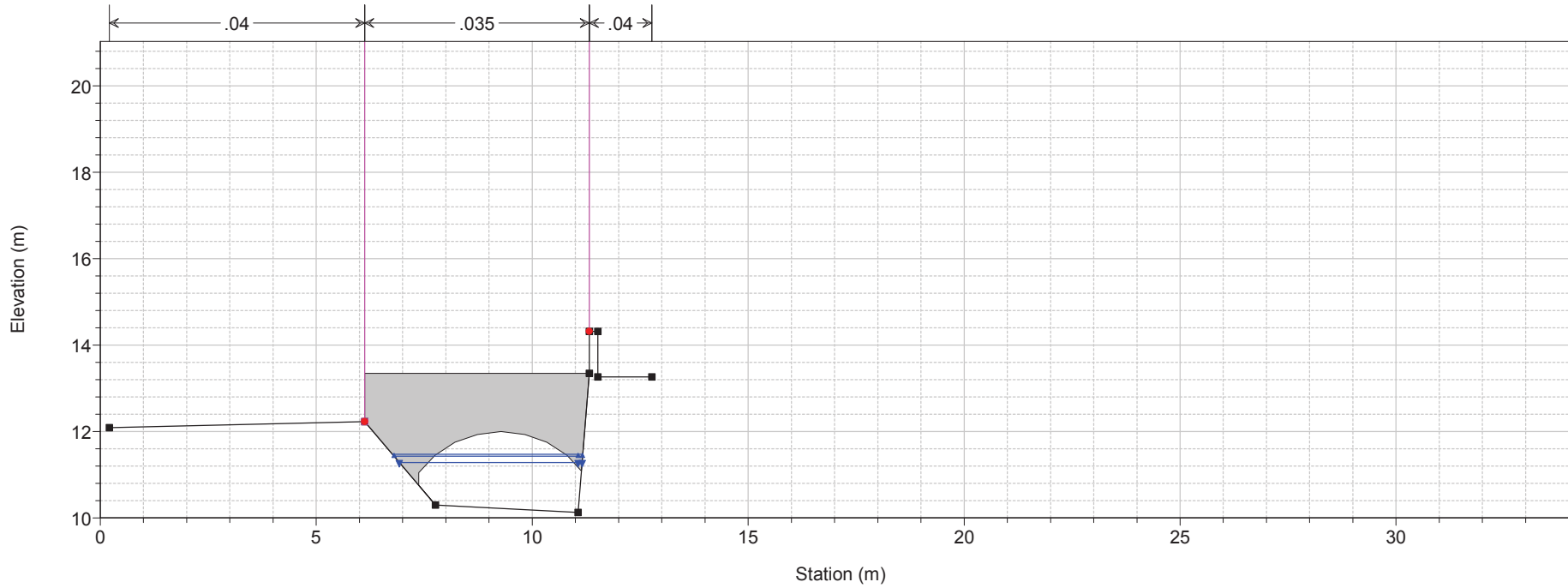
River = Iurco Reach = Iurco RS = 13 Sez. 6



1 cm Horiz. = 1.5 m 1 cm Vert. = 1.5 m

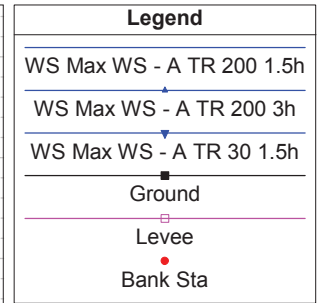
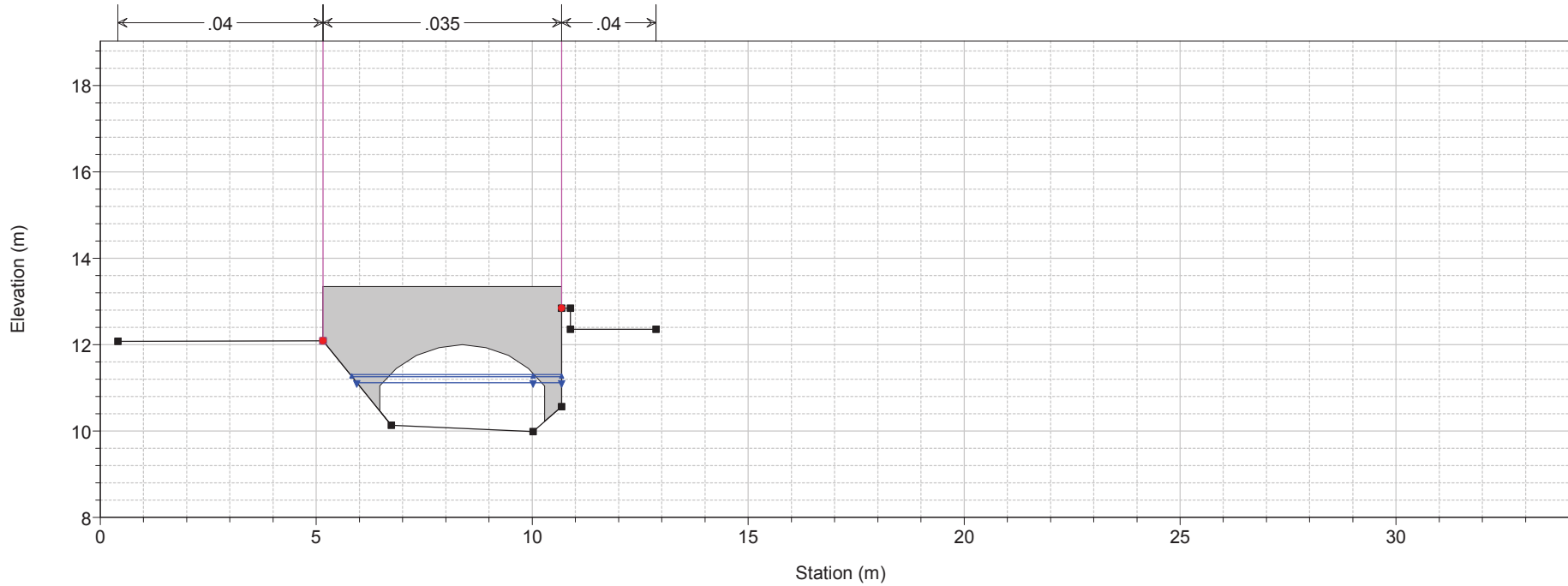
1) A TR 200 1.5h 2) A TR 200 3h 3) A TR 30 1.5h

River = Iurco Reach = Iurco RS = 12.5 BR



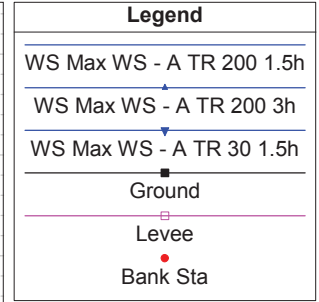
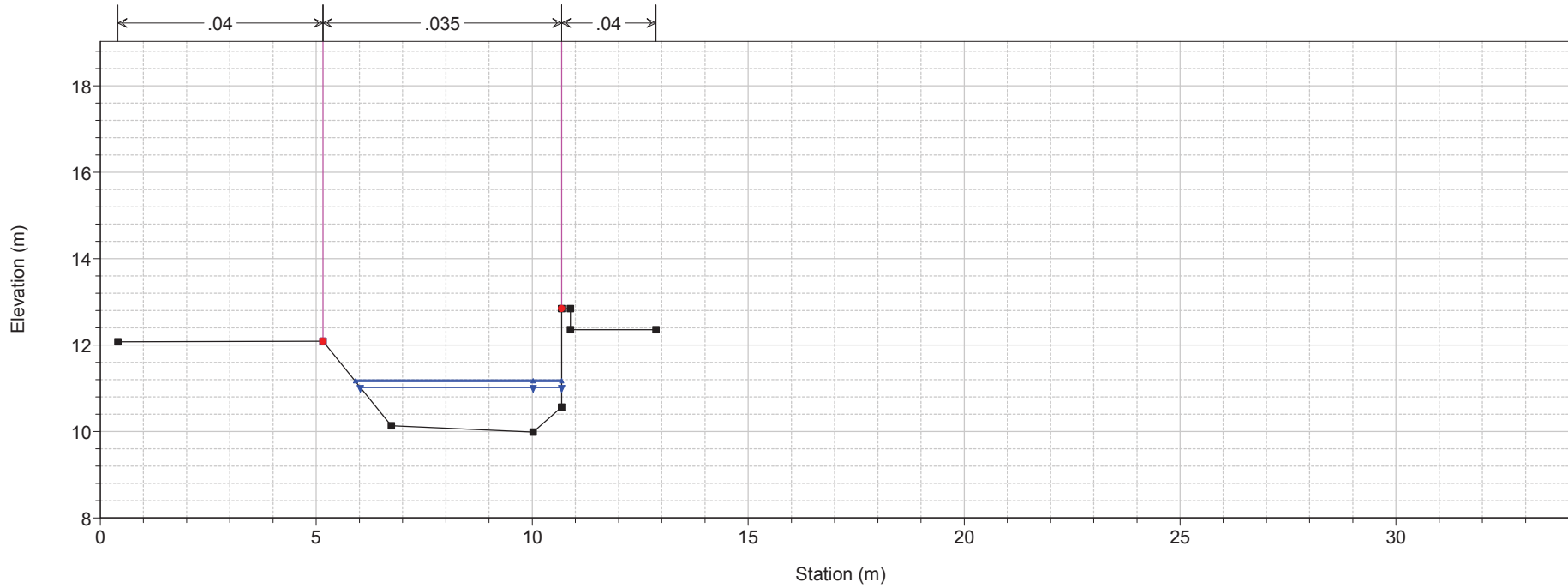
1) A TR 200 1.5h 2) A TR 200 3h 3) A TR 30 1.5h

River = Iurco Reach = Iurco RS = 12.5 BR



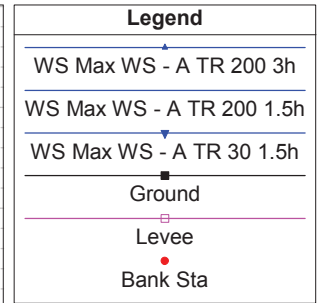
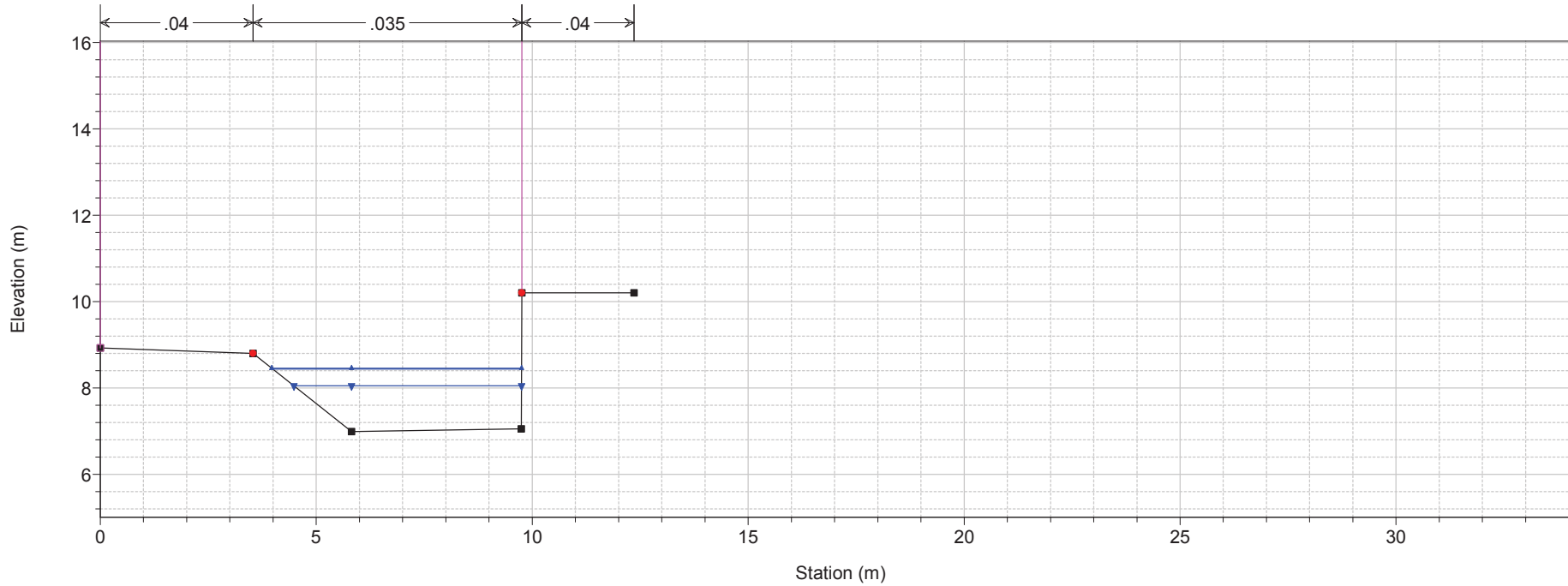
1) A TR 200 1.5h 2) A TR 200 3h 3) A TR 30 1.5h

River = lurco Reach = lurco RS = 12 Sez. 7



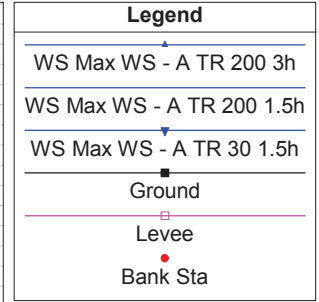
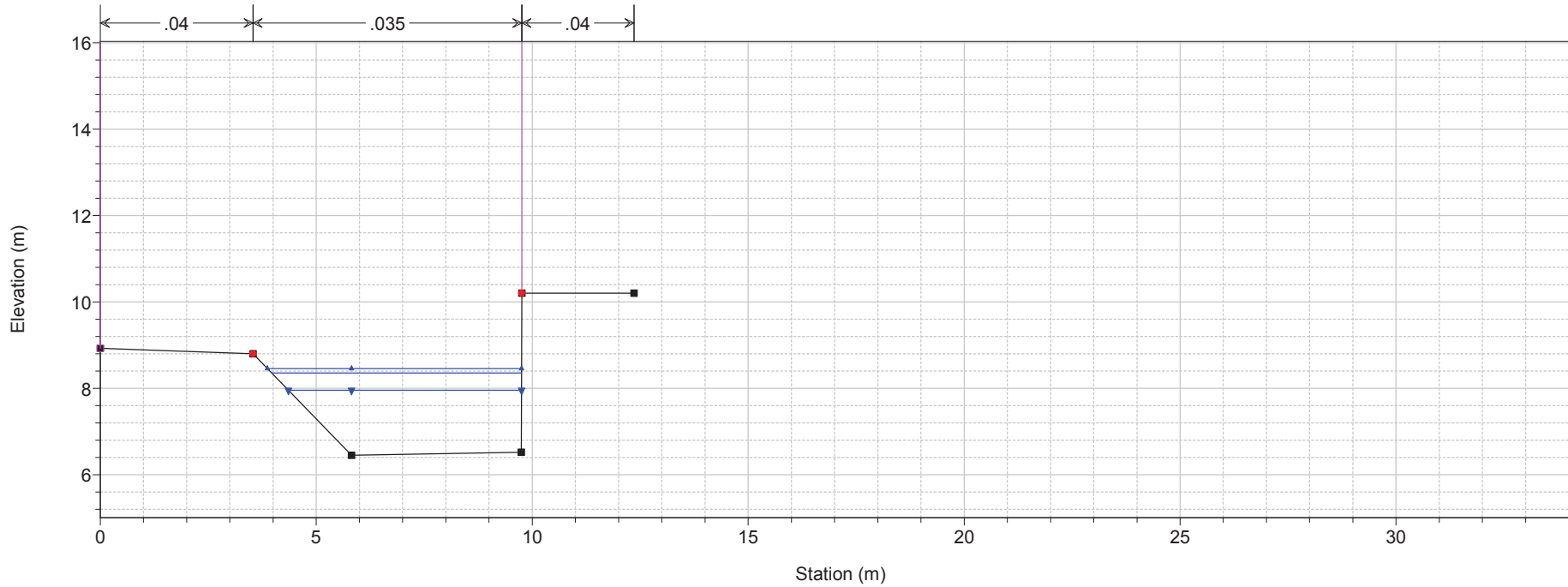
1) A TR 200 1.5h 2) A TR 200 3h 3) A TR 30 1.5h

River = lurco Reach = lurco RS = 11 Sez. 8



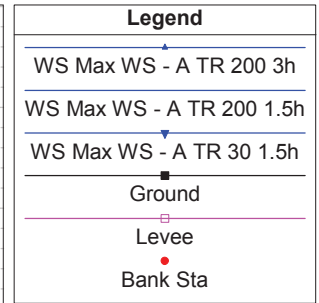
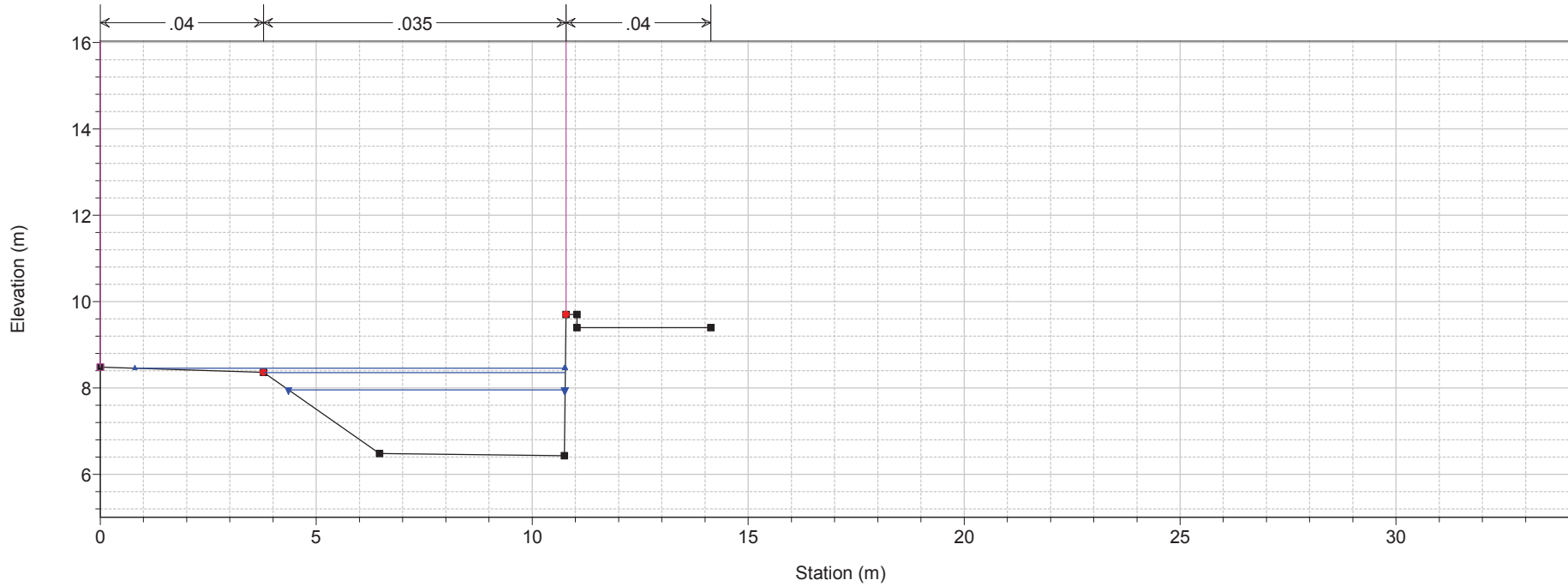
1) A TR 200 1.5h 2) A TR 200 3h 3) A TR 30 1.5h

River = Iurco Reach = Iurco RS = 10.8



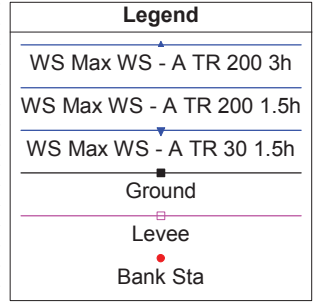
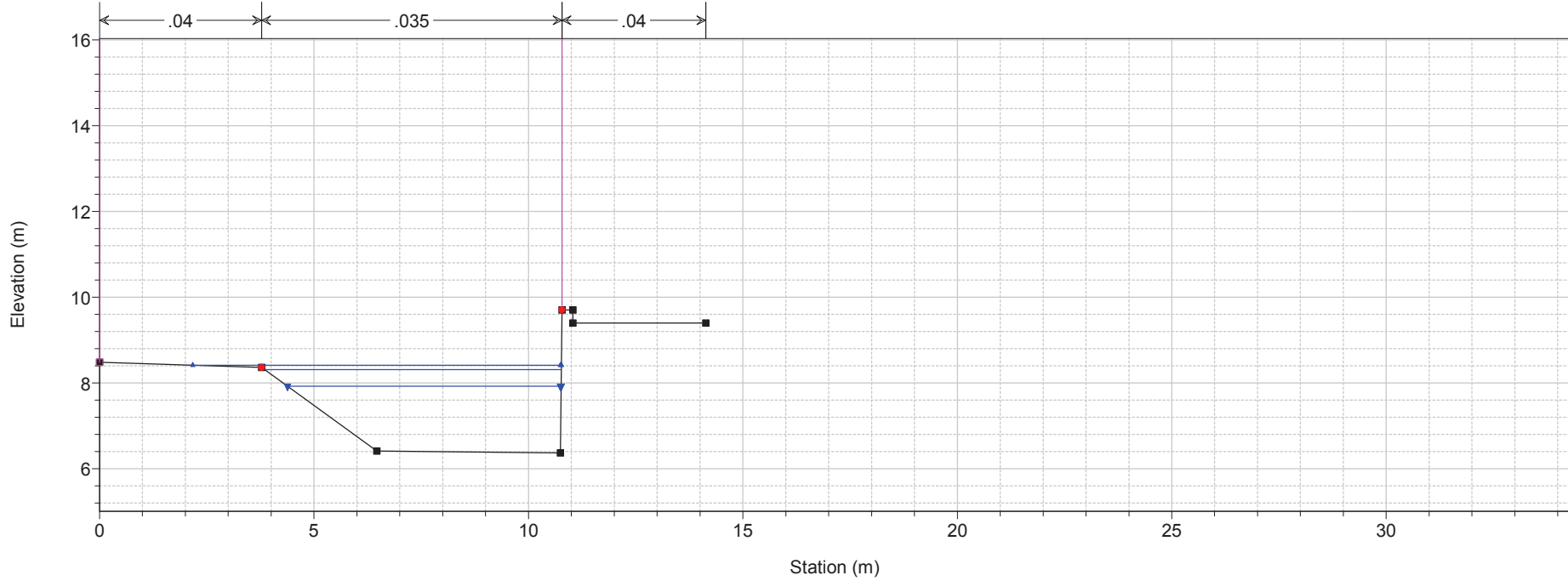
1) A TR 200 1.5h 2) A TR 200 3h 3) A TR 30 1.5h

River = Iurco Reach = Iurco_valle RS = 10.2



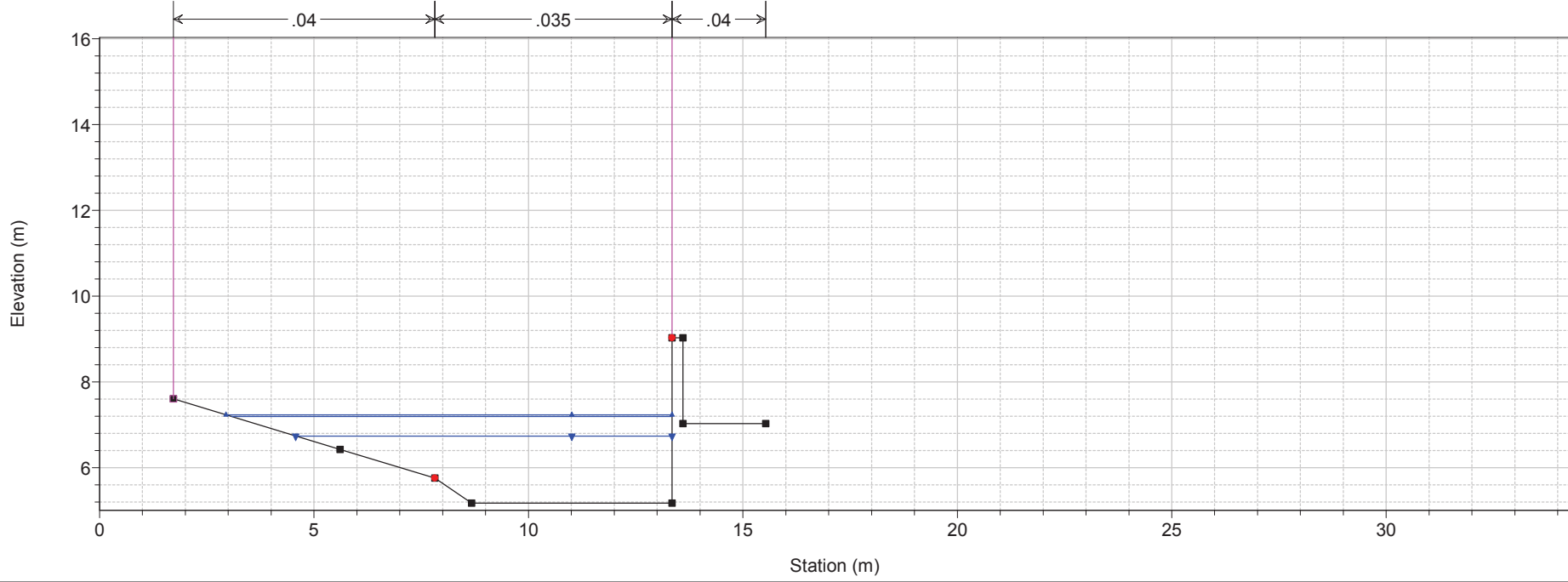
1) A TR 200 1.5h 2) A TR 200 3h 3) A TR 30 1.5h

River = lurco Reach = lurco_valle RS = 10 Sez. 9



1) A TR 200 1.5h 2) A TR 200 3h 3) A TR 30 1.5h

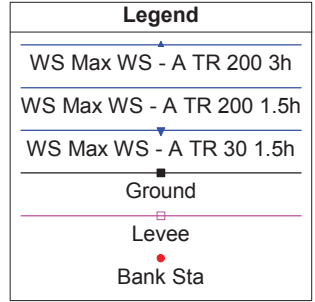
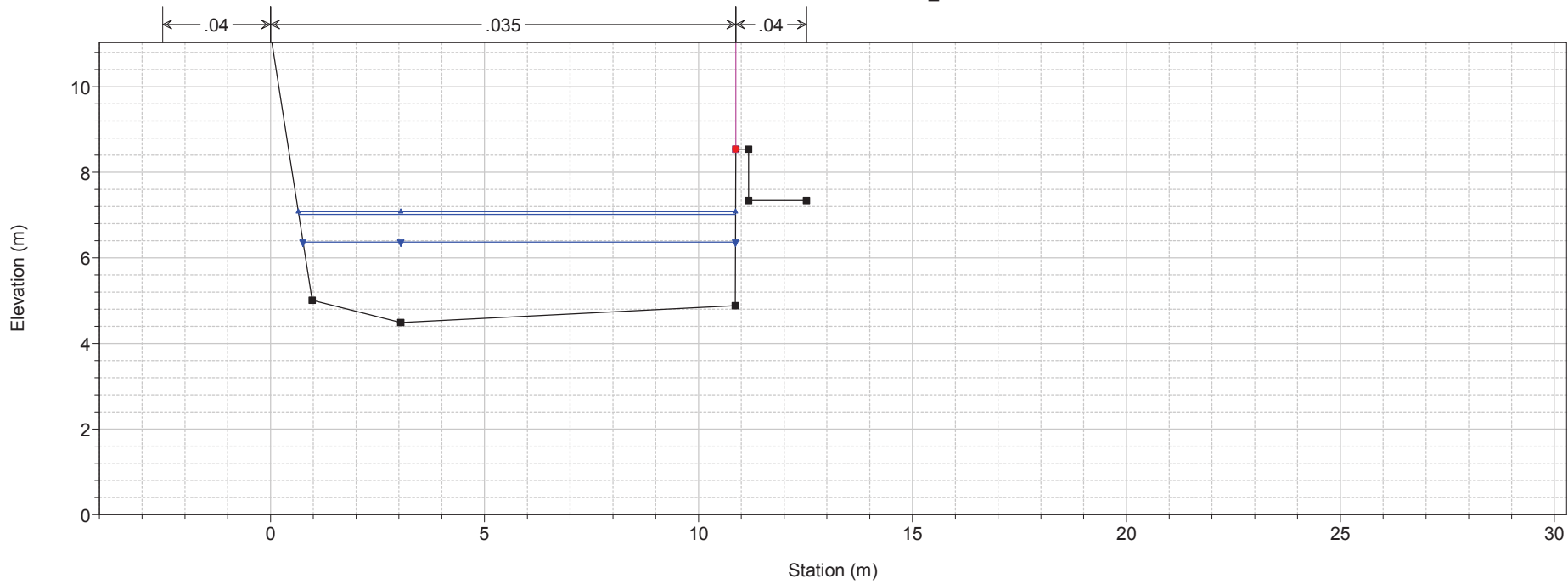
River = lurco Reach = lurco_valle RS = 9 Sez. 10



1 cm Horiz. = 1.5 m 1 cm Vert. = 1.5 m

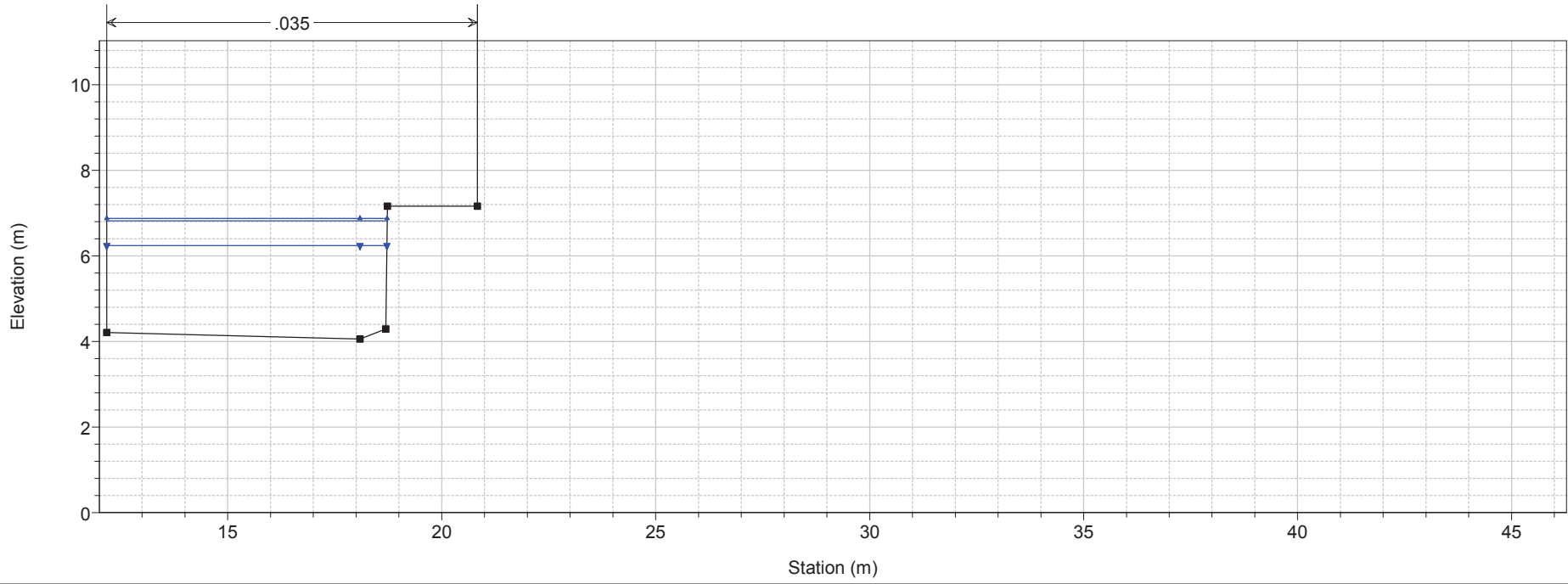
1) A TR 200 1.5h 2) A TR 200 3h 3) A TR 30 1.5h

River = lurco Reach = lurco_valle RS = 8.9 sez 1

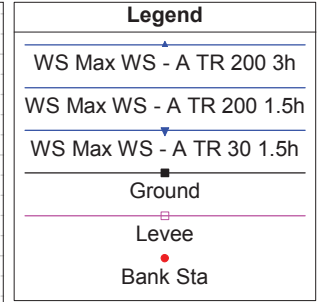
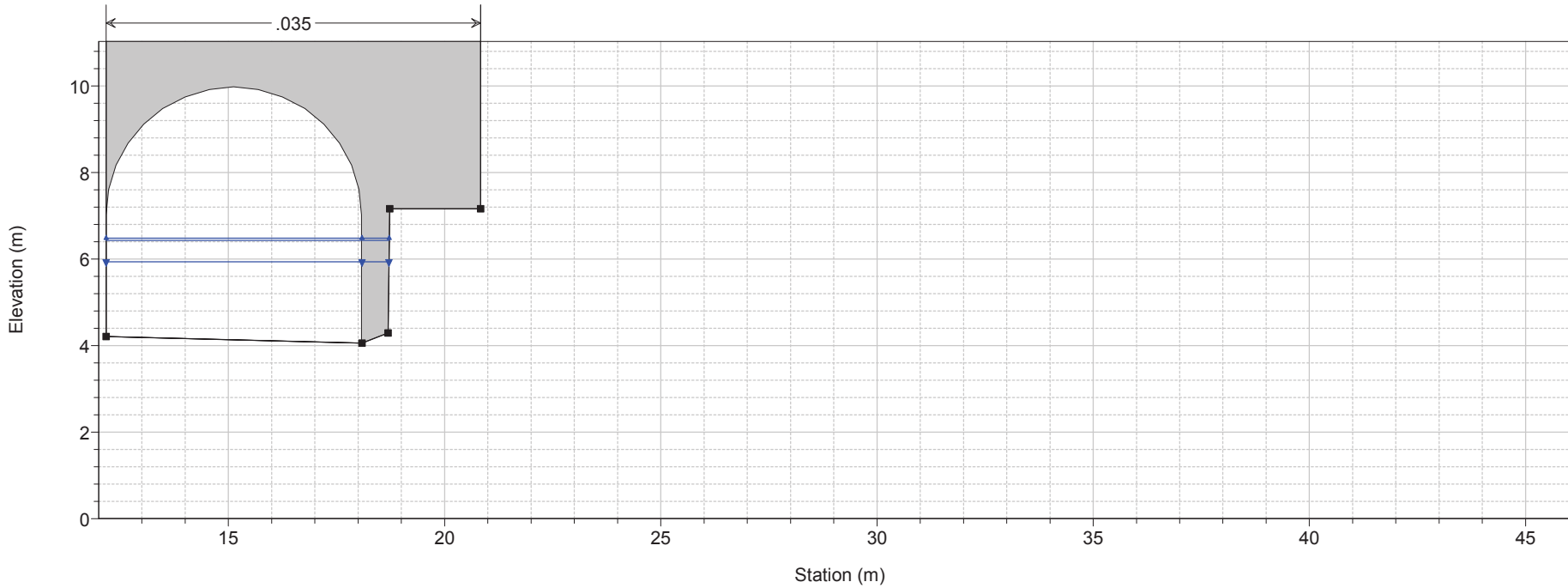


1) A TR 200 1.5h 2) A TR 200 3h 3) A TR 30 1.5h

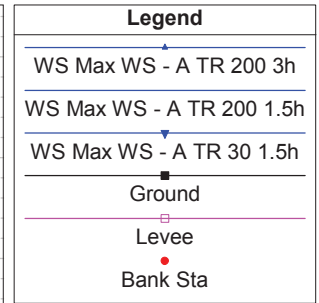
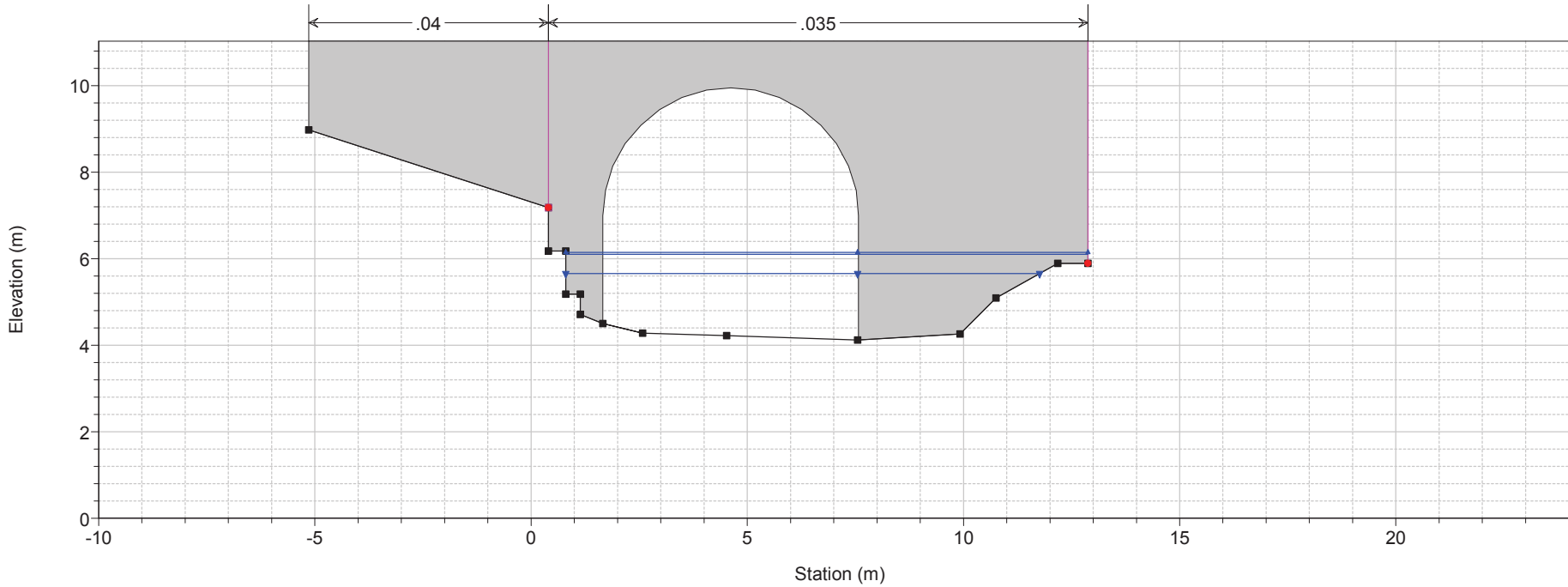
River = lurco Reach = lurco_valle RS = 8.8 sez 2



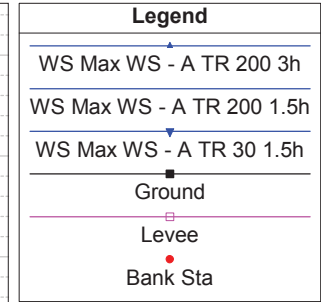
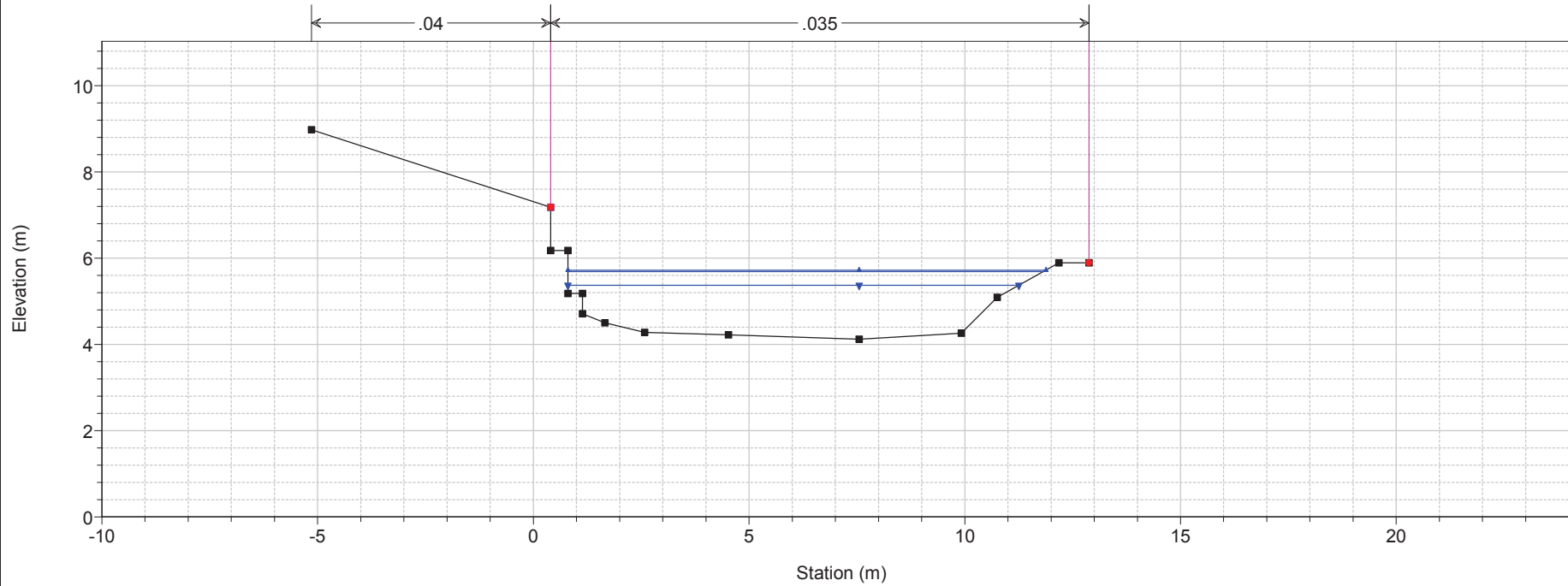
1) A TR 200 1.5h 2) A TR 200 3h 3) A TR 30 1.5h
 River = Iurco Reach = Iurco_valle RS = 8.6 BR



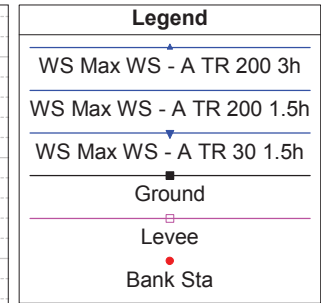
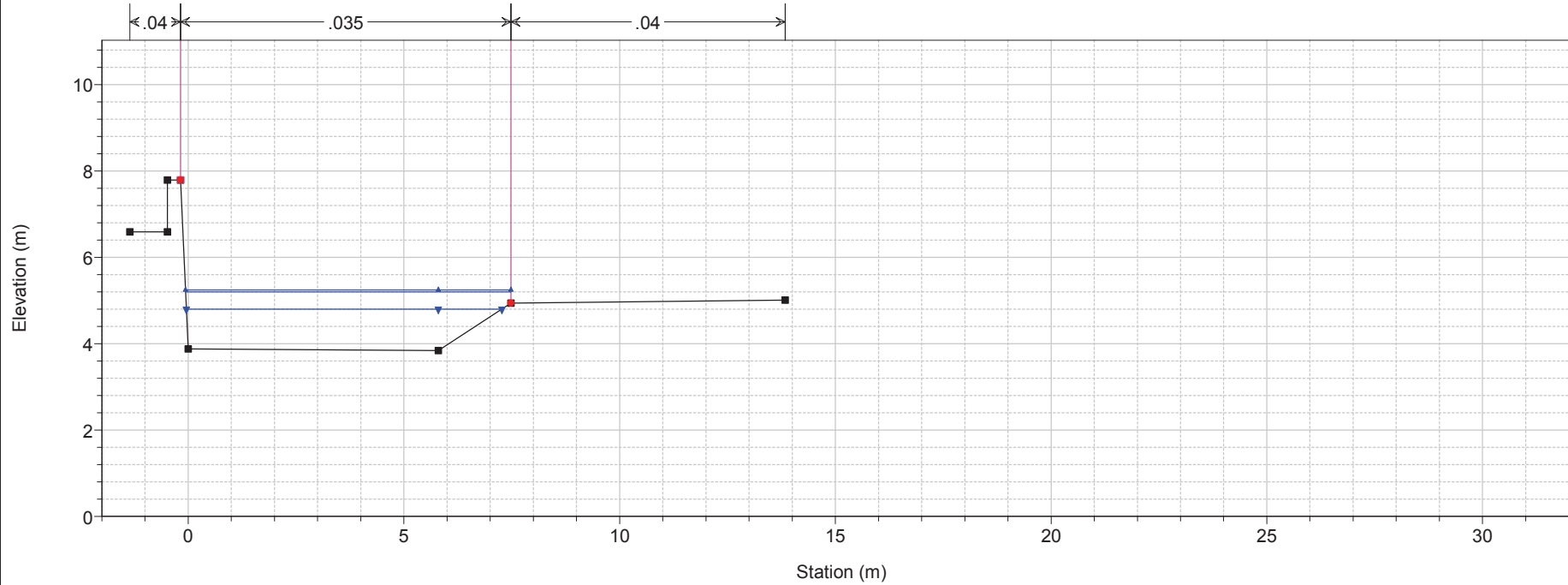
1) A TR 200 1.5h 2) A TR 200 3h 3) A TR 30 1.5h
 River = Iurco Reach = Iurco_valle RS = 8.6 BR



1) A TR 200 1.5h 2) A TR 200 3h 3) A TR 30 1.5h
 River = lurco Reach = lurco_valle RS = 8.47368 sez 3



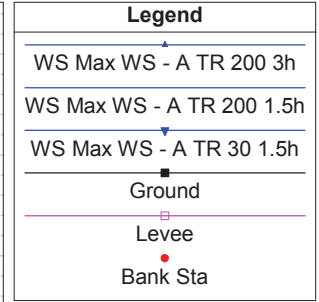
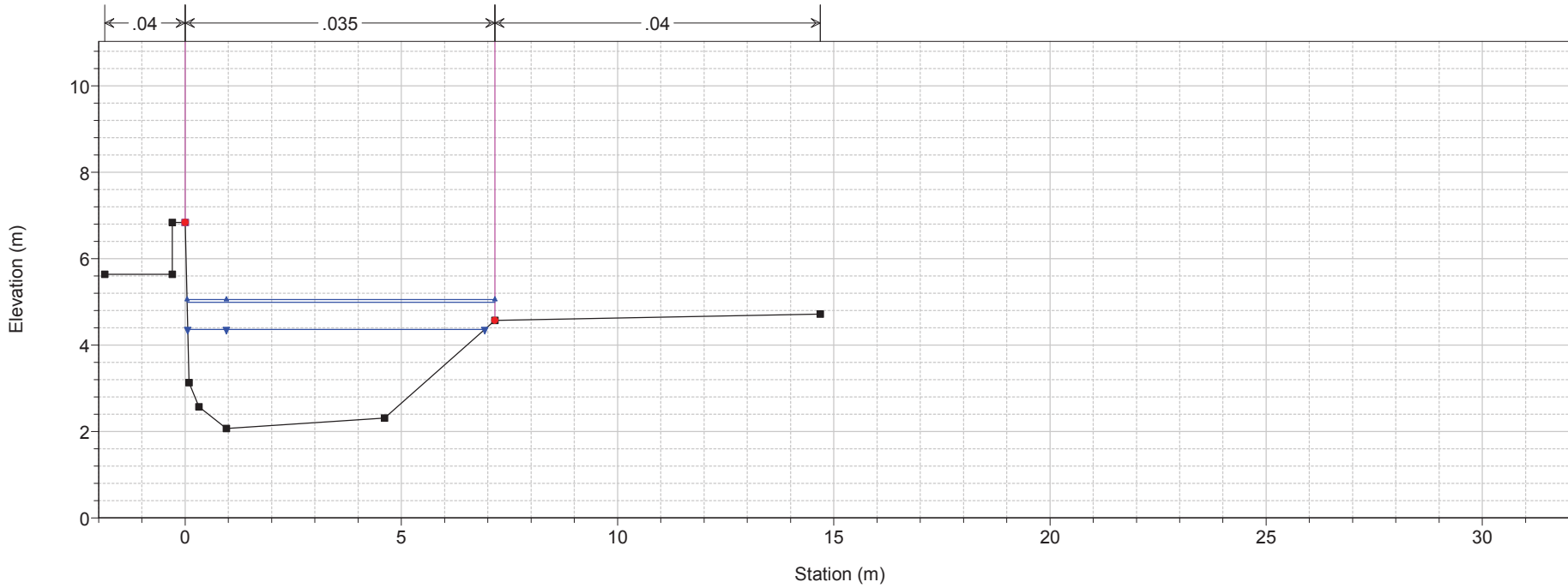
1) A TR 200 1.5h 2) A TR 200 3h 3) A TR 30 1.5h
 River = lurco Reach = lurco_valle RS = 8.4 sez 4



1 cm Horiz. = 1.5 m 1 cm Vert. = 1.5 m

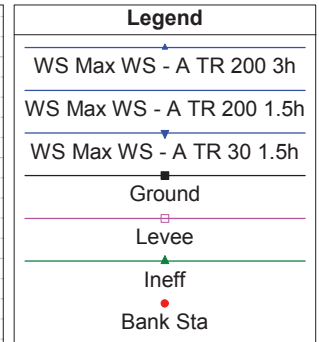
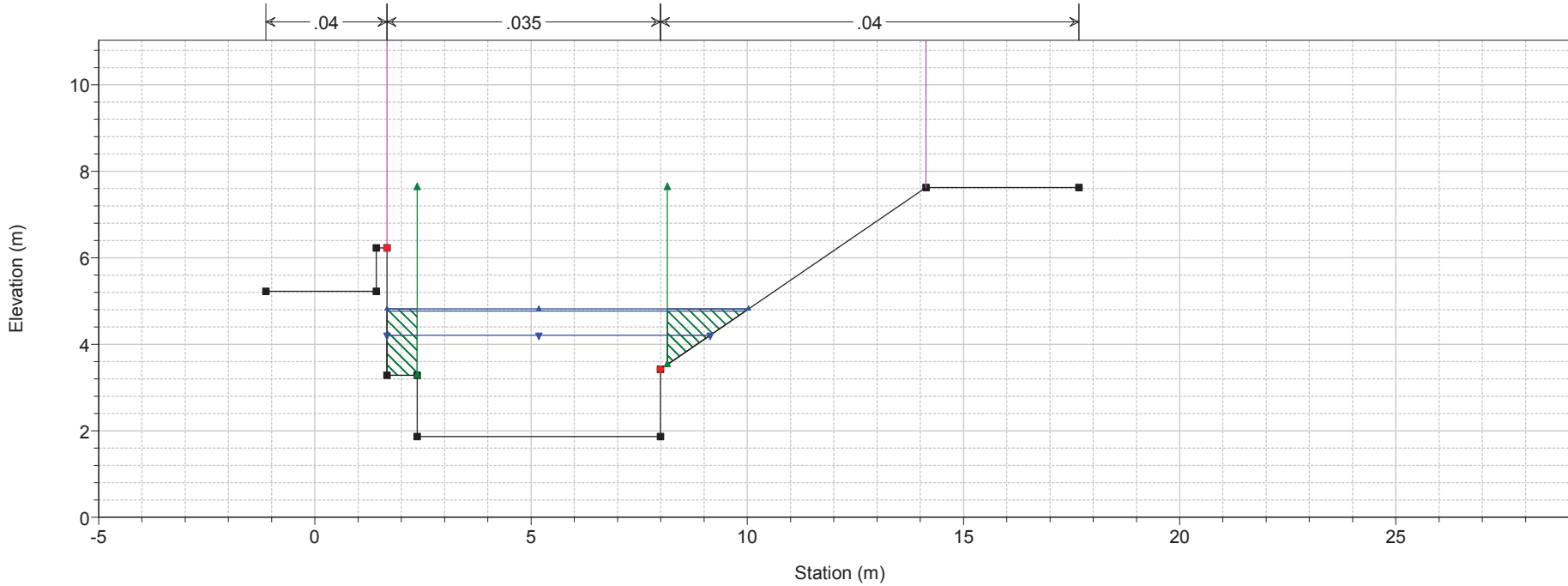
1) A TR 200 1.5h 2) A TR 200 3h 3) A TR 30 1.5h

River = lurco Reach = lurco_valle RS = 8.3



1) A TR 200 1.5h 2) A TR 200 3h 3) A TR 30 1.5h

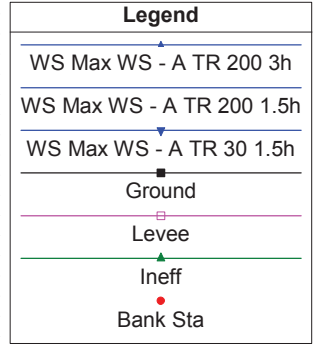
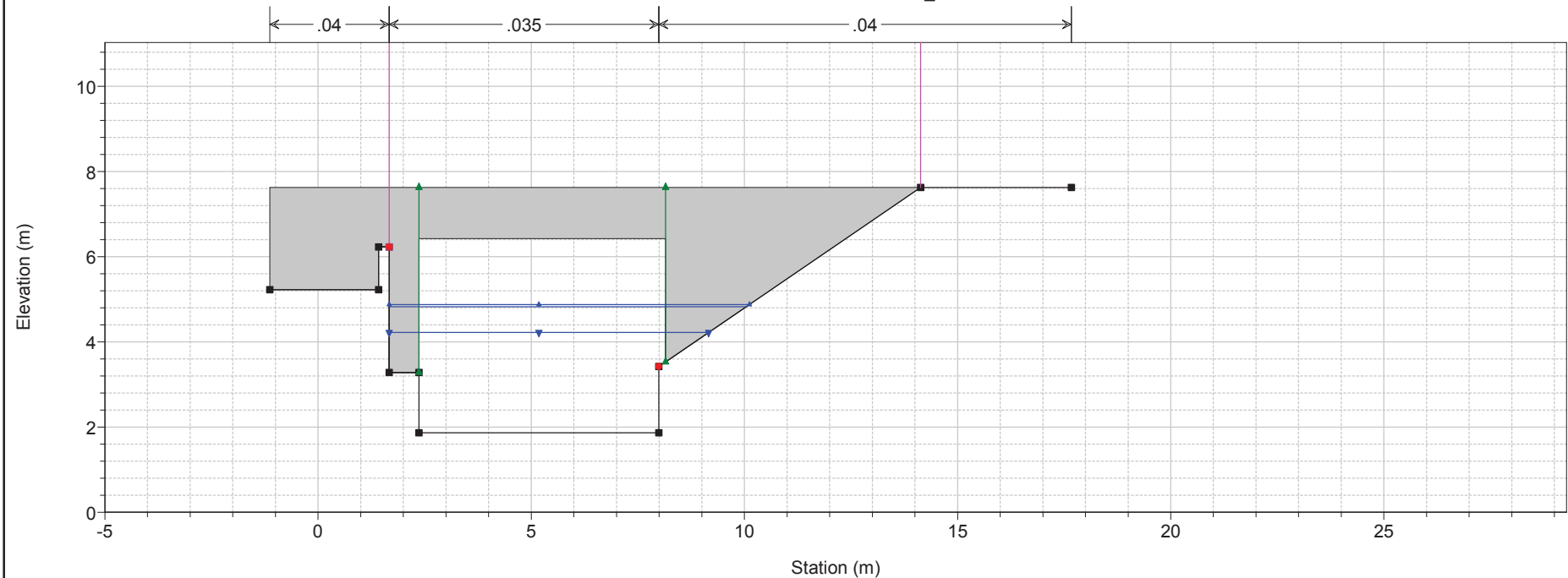
River = lurco Reach = lurco_valle RS = 8 Sez. 11



1 cm Horiz. = 1.5 m 1 cm Vert. = 1.5 m

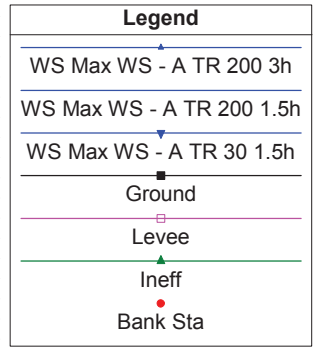
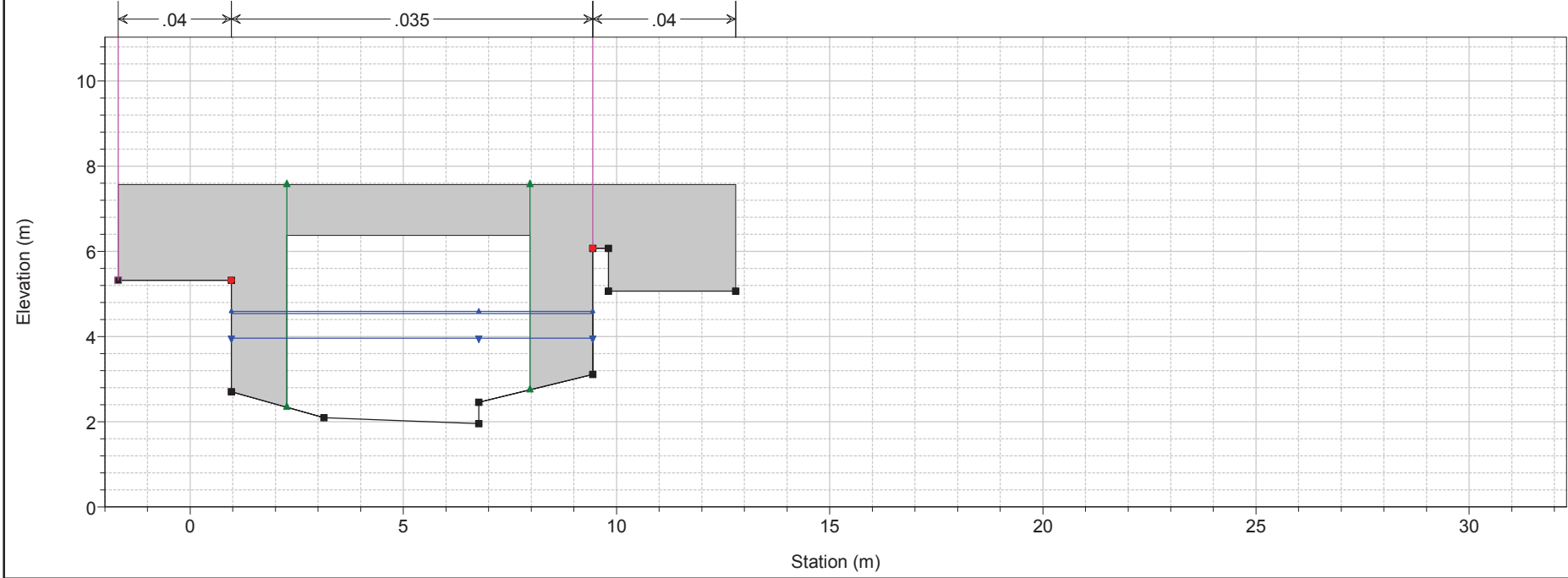
1) A TR 200 1.5h 2) A TR 200 3h 3) A TR 30 1.5h

River = Iurco Reach = Iurco_valle RS = 7.5 BR



1) A TR 200 1.5h 2) A TR 200 3h 3) A TR 30 1.5h

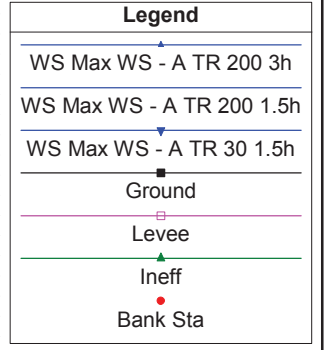
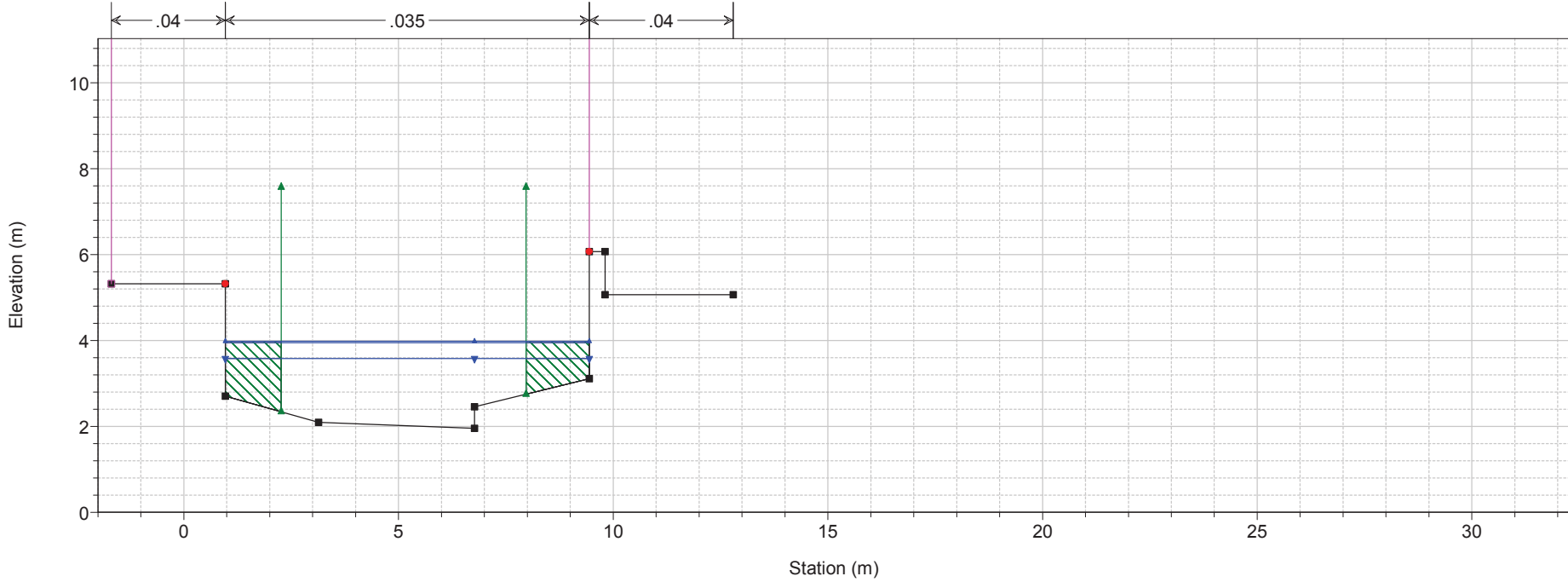
River = Iurco Reach = Iurco_valle RS = 7.5 BR



1 cm Horiz. = 1.5 m 1 cm Vert. = 1.5 m

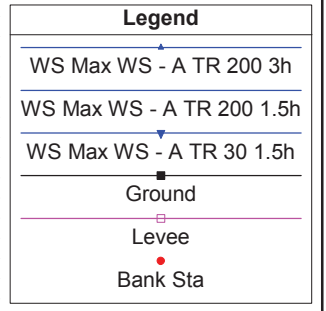
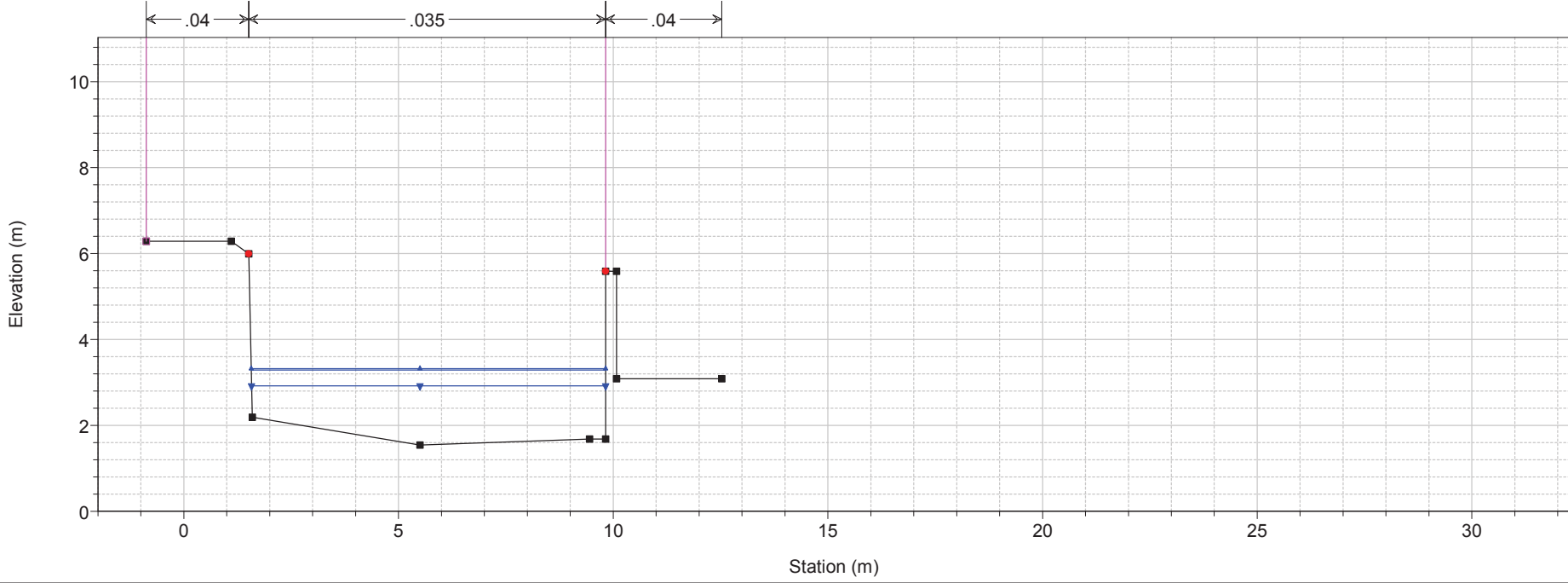
1) A TR 200 1.5h 2) A TR 200 3h 3) A TR 30 1.5h

River = lurco Reach = lurco_valle RS = 7 Sez. 12



1) A TR 200 1.5h 2) A TR 200 3h 3) A TR 30 1.5h

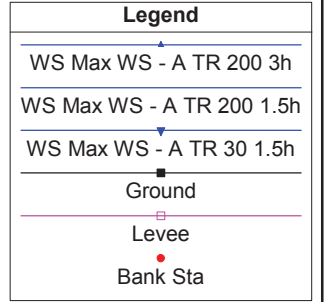
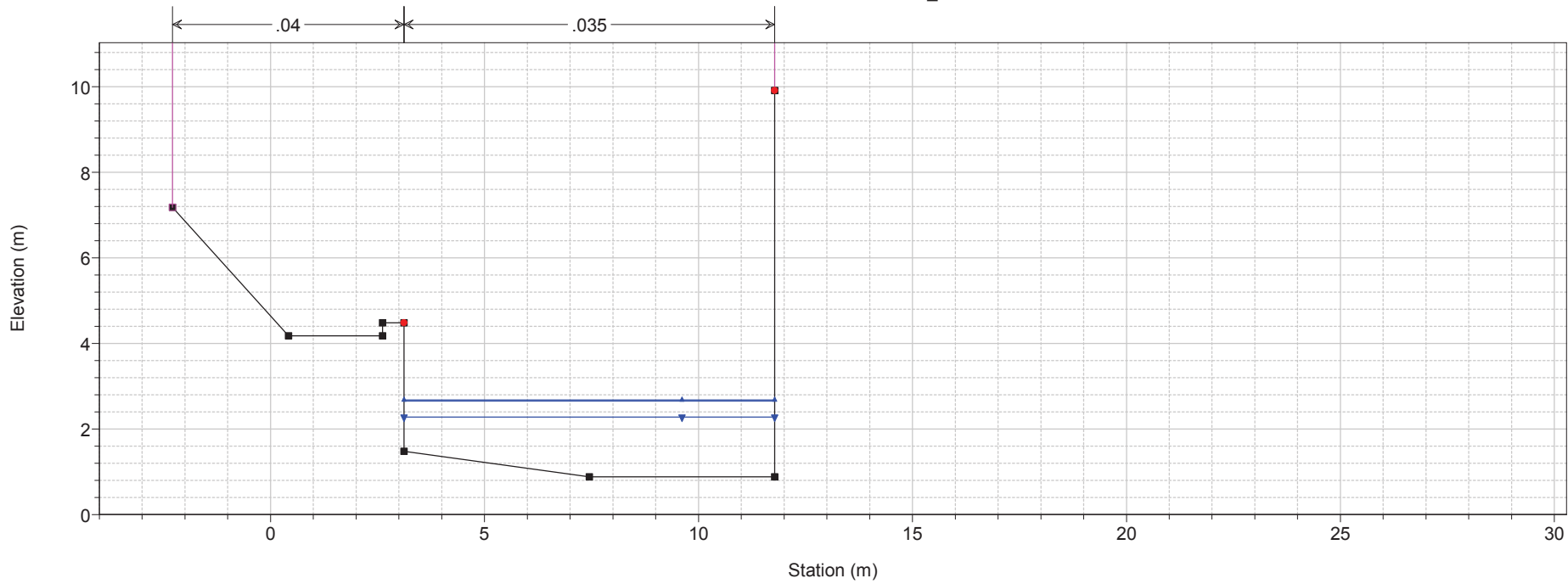
River = lurco Reach = lurco_valle RS = 6 Sez. 13



1 cm Horiz. = 1.5 m 1 cm Vert. = 1.5 m

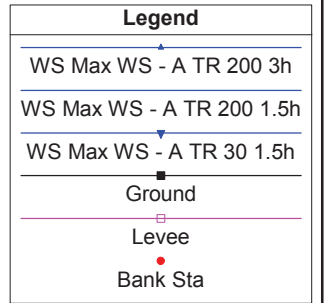
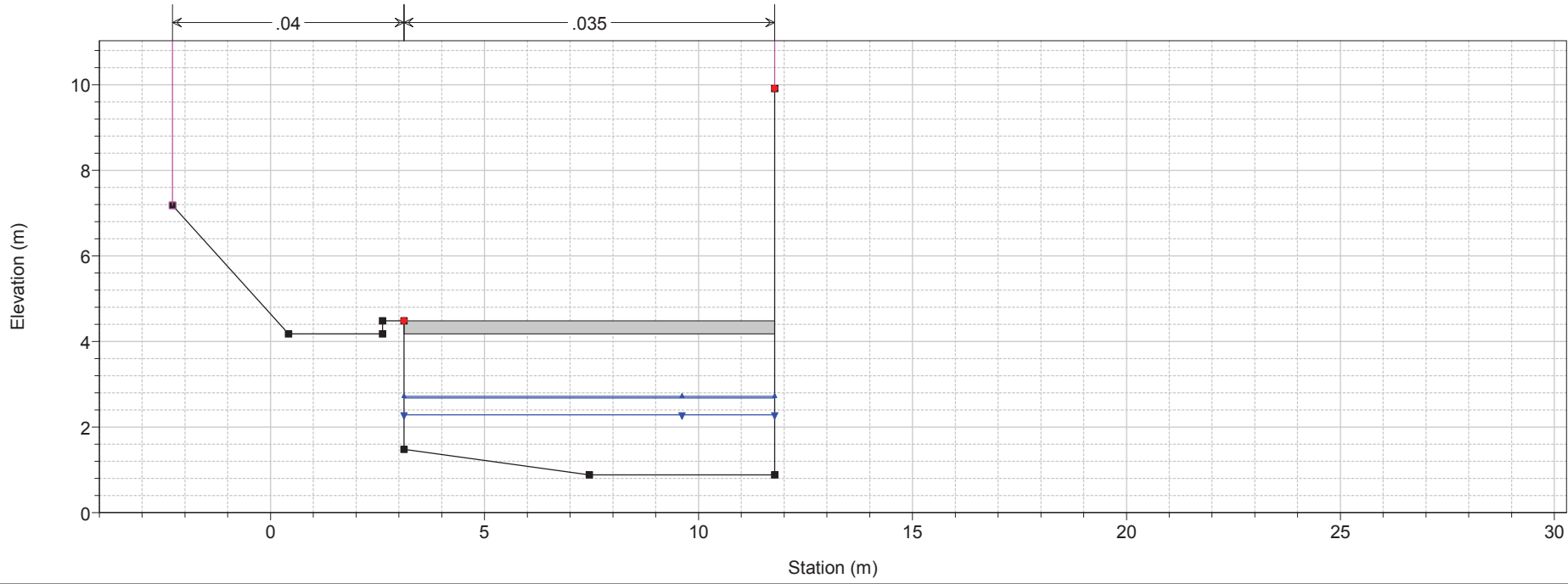
1) A TR 200 1.5h 2) A TR 200 3h 3) A TR 30 1.5h

River = lurco Reach = lurco_valle RS = 5 Sez. 14

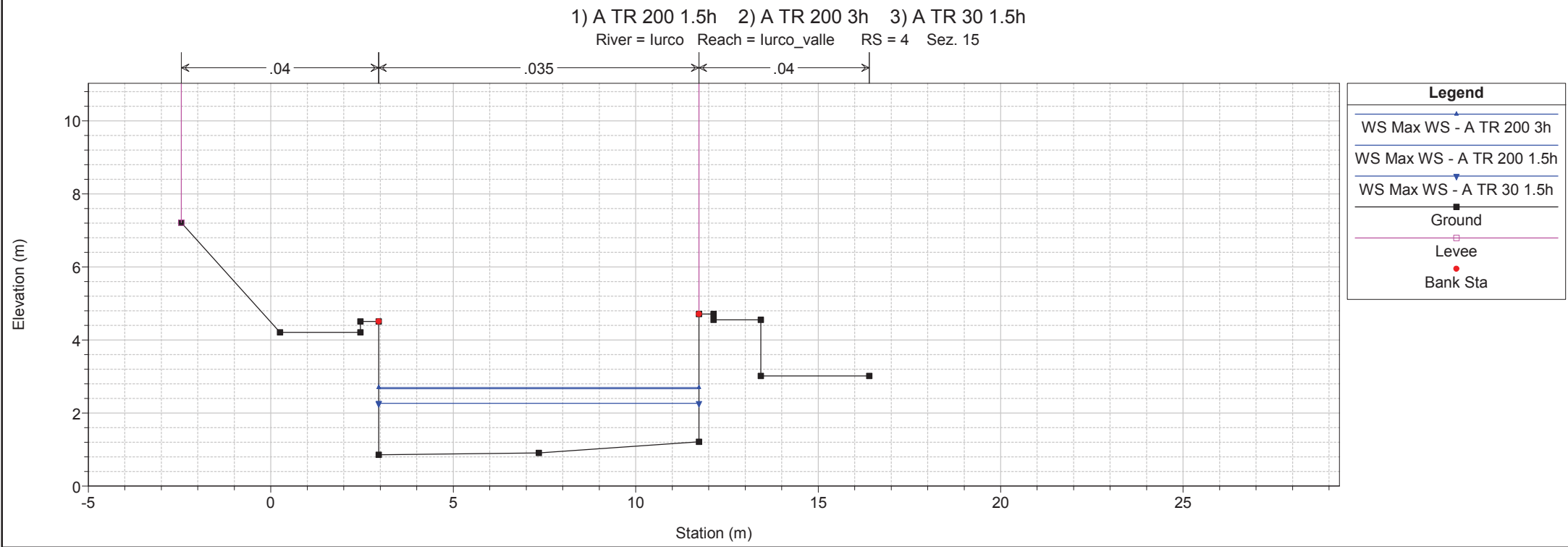
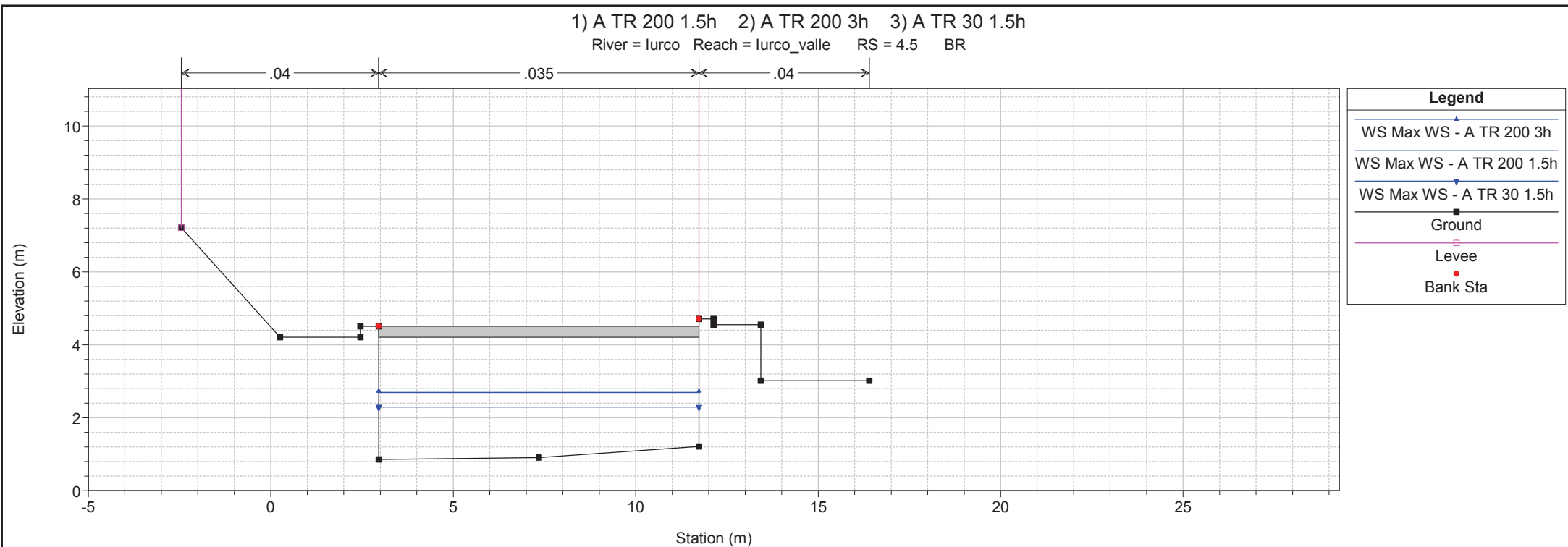


1) A TR 200 1.5h 2) A TR 200 3h 3) A TR 30 1.5h

River = lurco Reach = lurco_valle RS = 4.5 BR



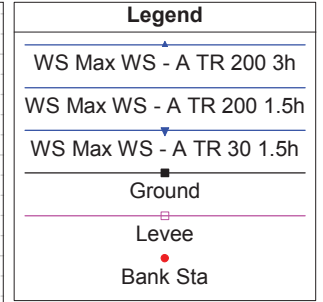
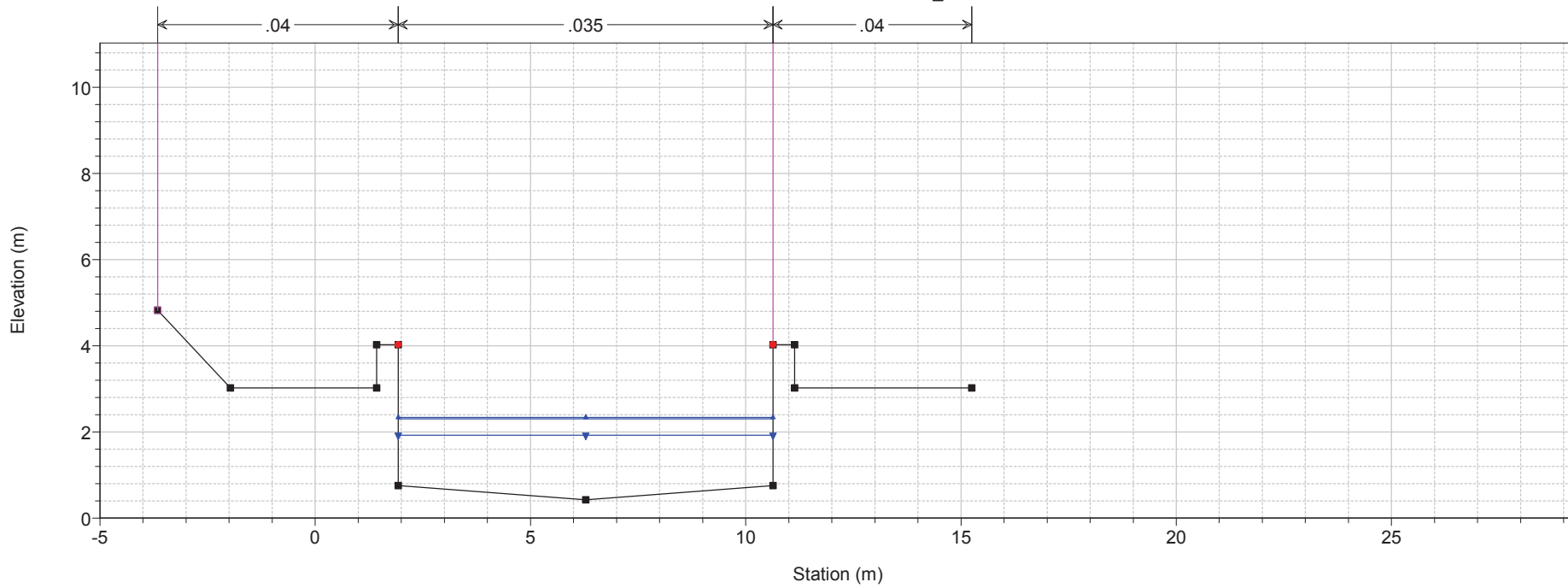
1 cm Horiz. = 1.5 m 1 cm Vert. = 1.5 m



1 cm Horiz. = 1.5 m 1 cm Vert. = 1.5 m

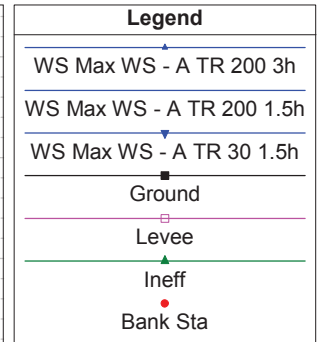
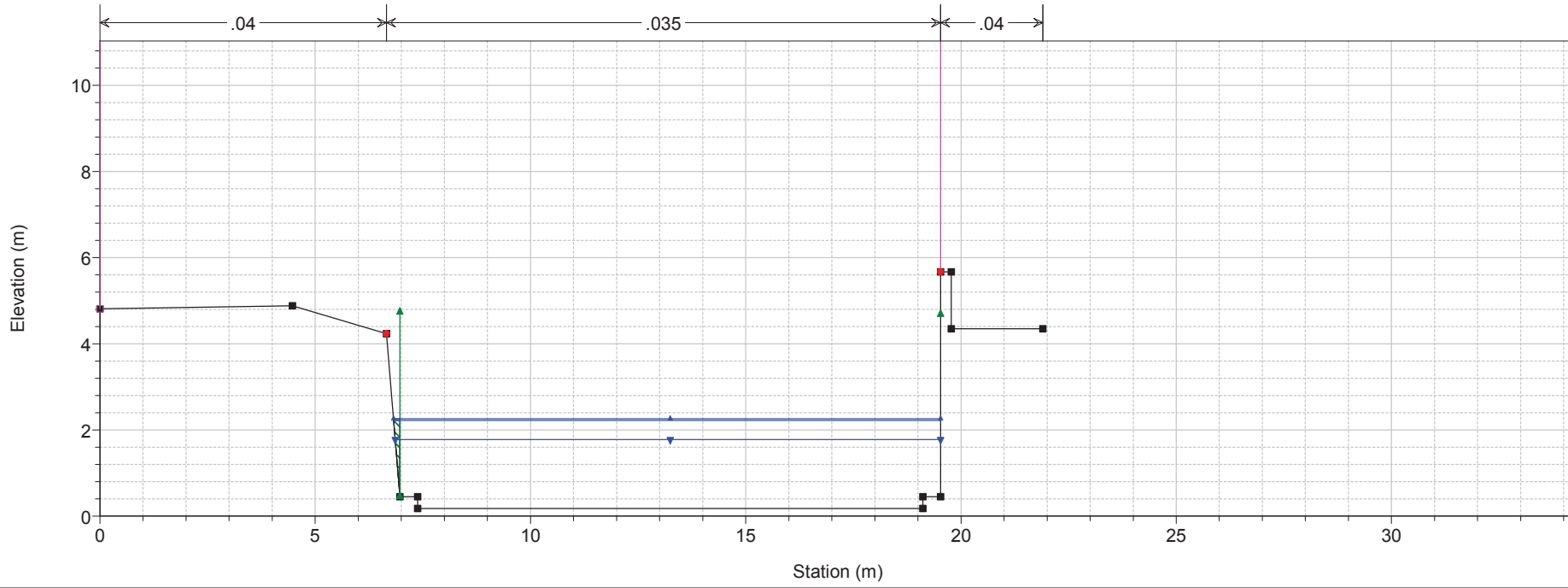
1) A TR 200 1.5h 2) A TR 200 3h 3) A TR 30 1.5h

River = lurco Reach = lurco_valle RS = 3 Sez. 16



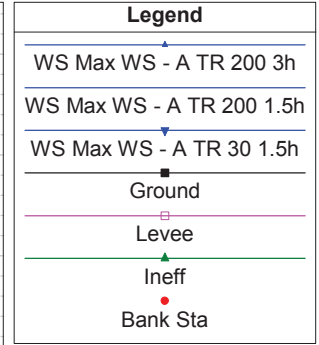
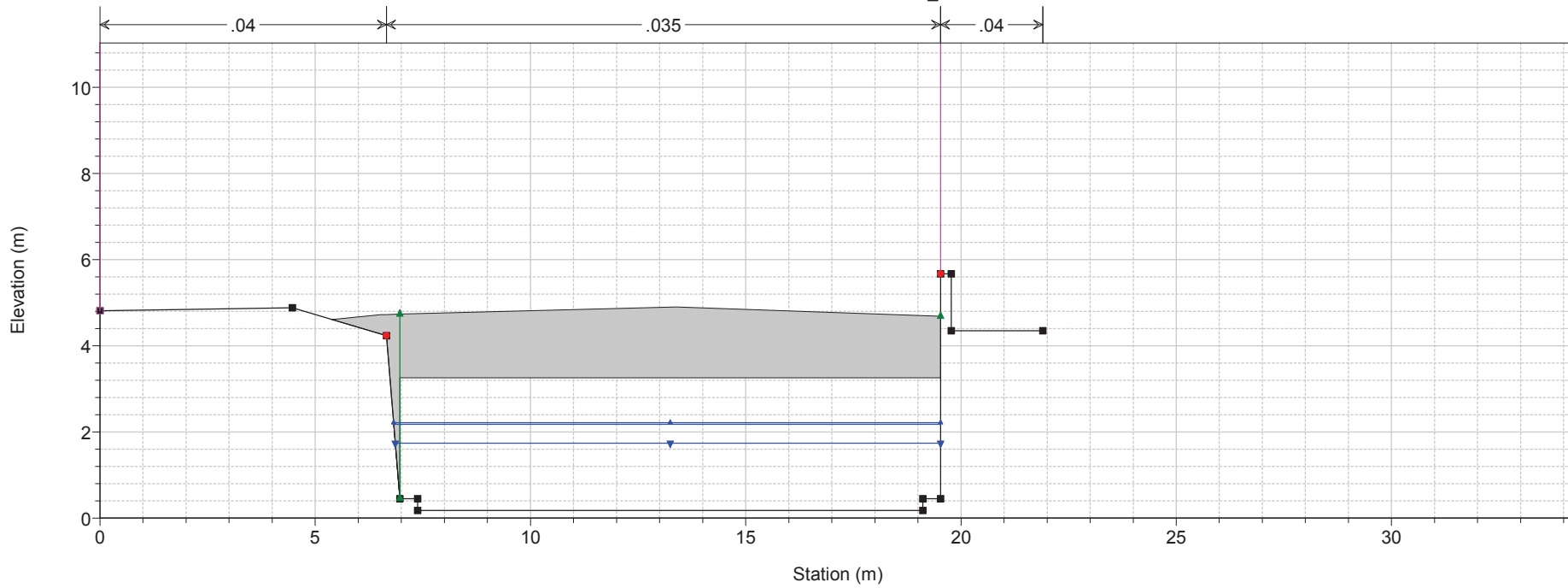
1) A TR 200 1.5h 2) A TR 200 3h 3) A TR 30 1.5h

River = lurco Reach = lurco_valle RS = 2 Sez. 17

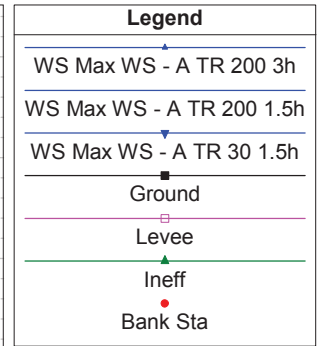
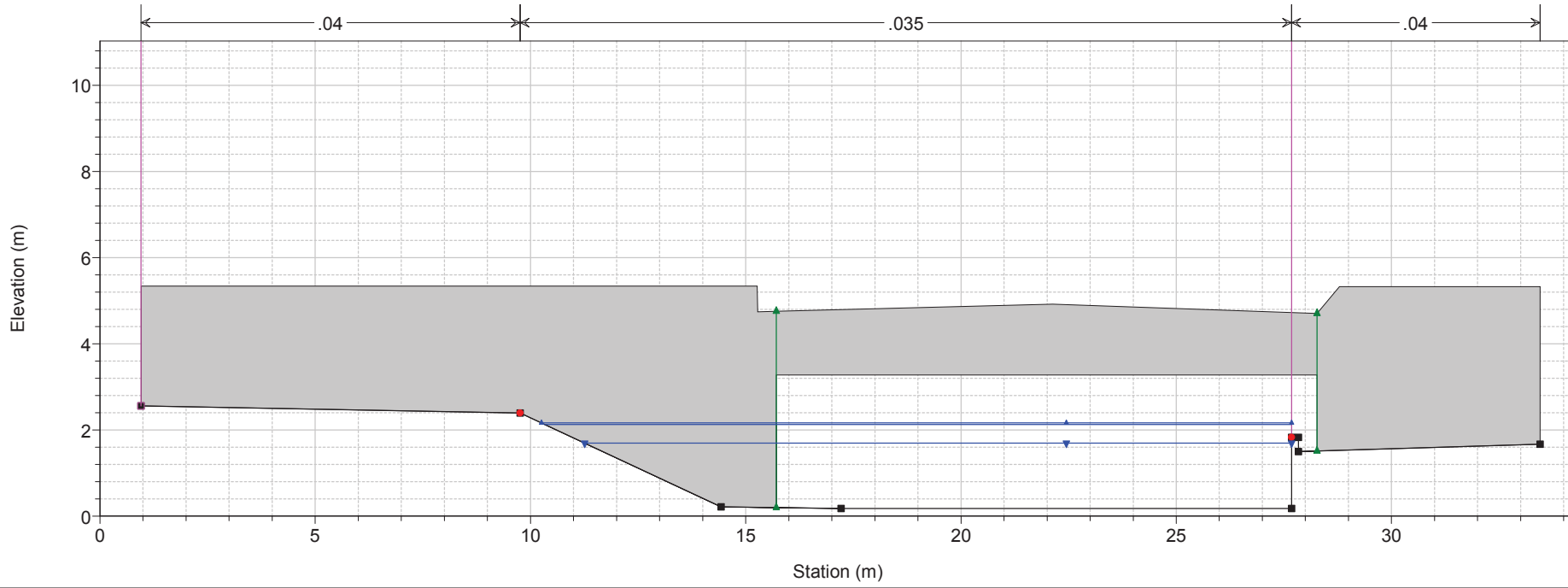


1 cm Horiz. = 1.5 m 1 cm Vert. = 1.5 m

1) A TR 200 1.5h 2) A TR 200 3h 3) A TR 30 1.5h
 River = Iurco Reach = Iurco_valle RS = 1.5 BR

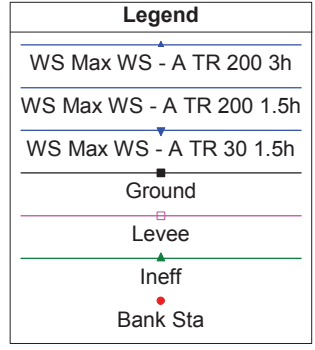
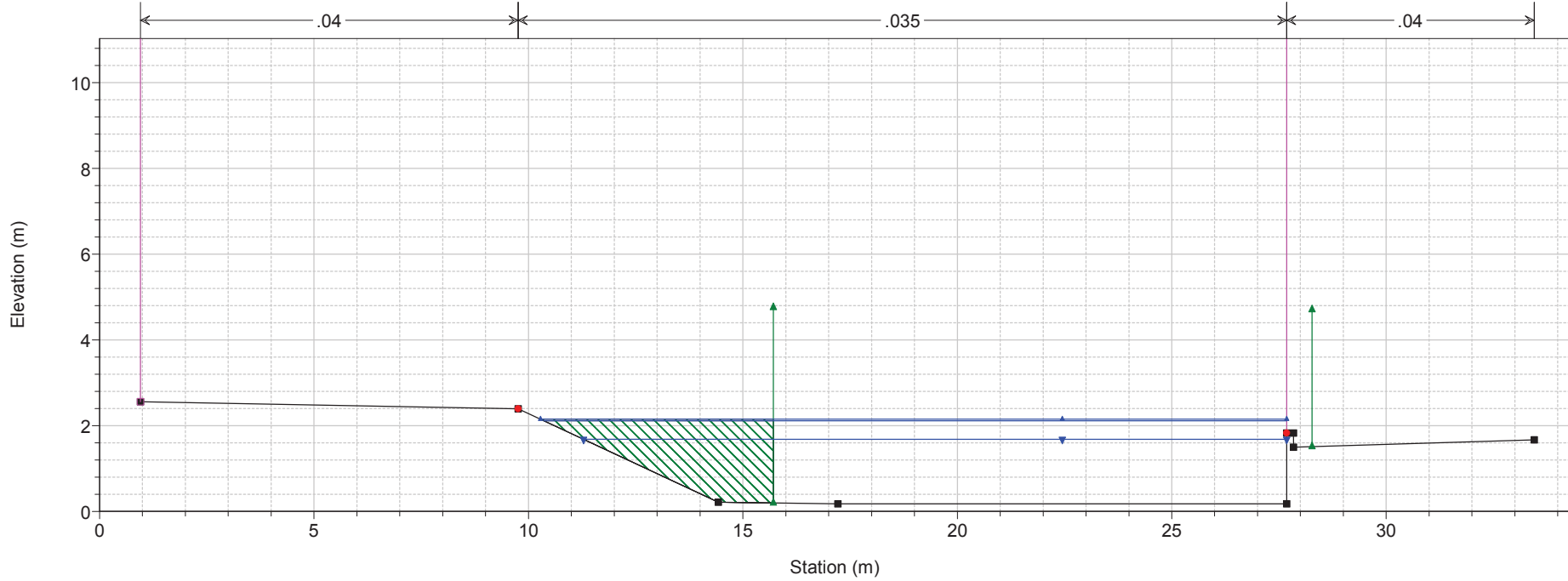


1) A TR 200 1.5h 2) A TR 200 3h 3) A TR 30 1.5h
 River = Iurco Reach = Iurco_valle RS = 1.5 BR

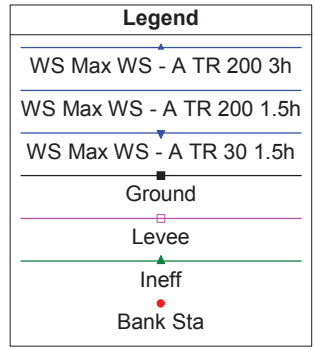
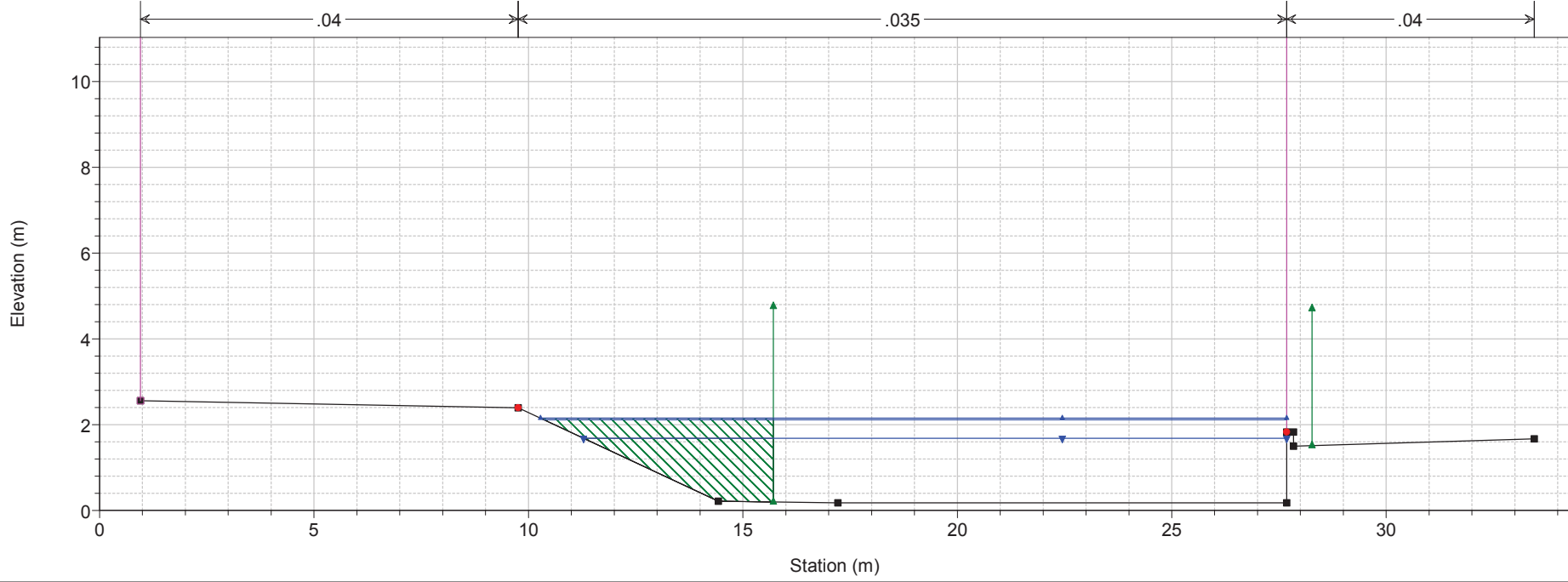


1 cm Horiz. = 1.5 m 1 cm Vert. = 1.5 m

1) A TR 200 1.5h 2) A TR 200 3h 3) A TR 30 1.5h
 River = lurco Reach = lurco_valle RS = 1.1 Sez. 18



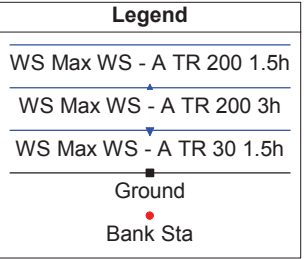
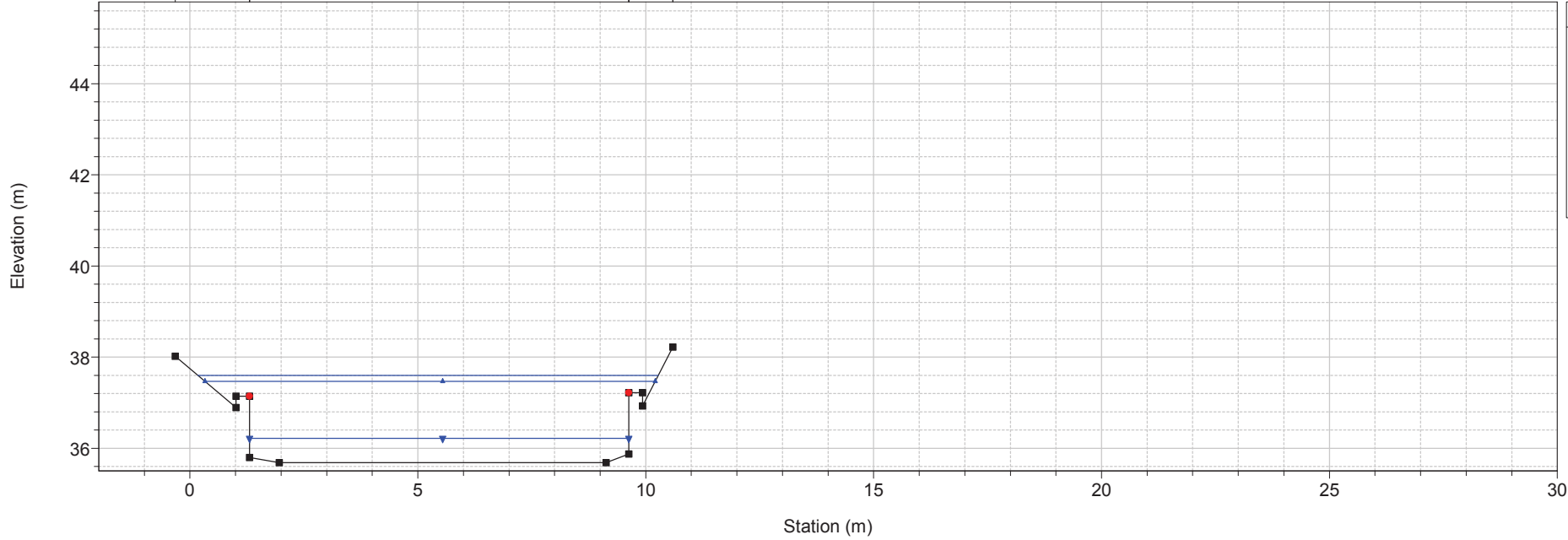
1) A TR 200 1.5h 2) A TR 200 3h 3) A TR 30 1.5h
 River = lurco Reach = lurco_valle RS = 1 Sez. 18



1 cm Horiz. = 1.5 m 1 cm Vert. = 1.5 m

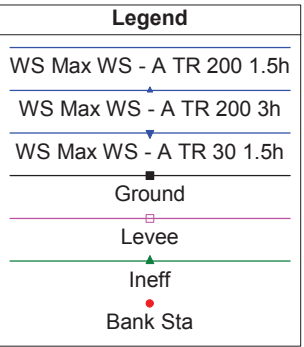
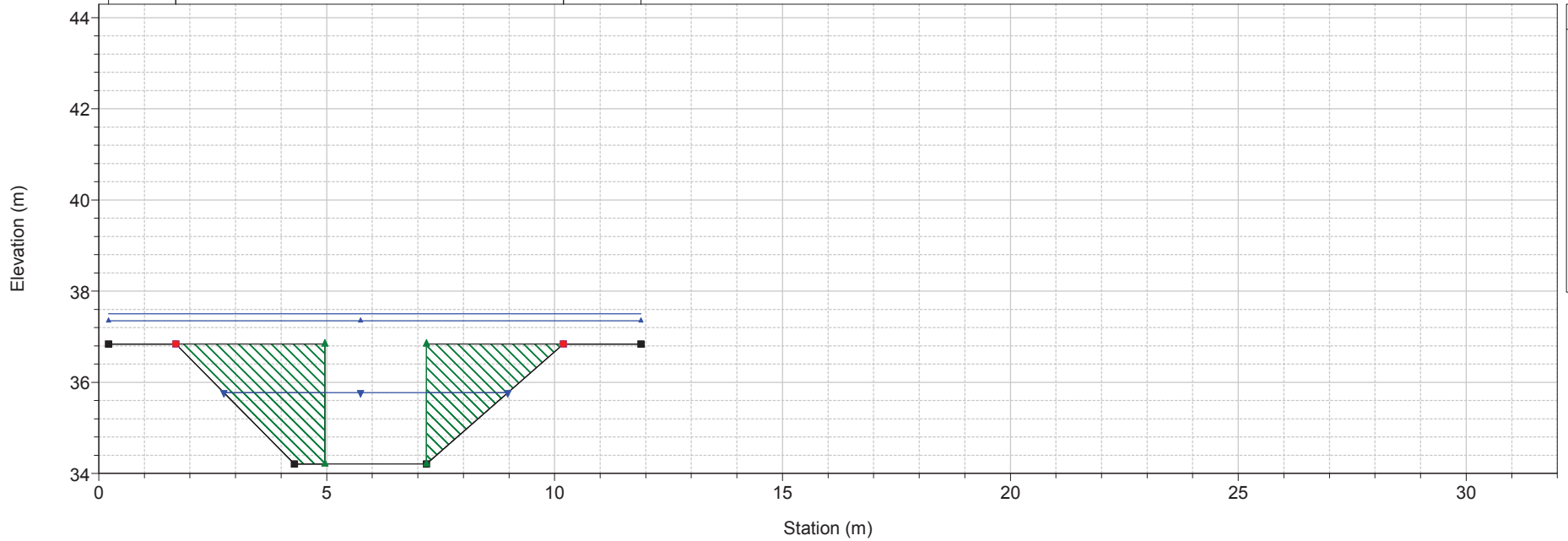
1) A TR 200 1.5h 2) A TR 200 3h 3) A TR 30 1.5h
 River = Crocetta Reach = Crocetta RS = 15 Sez. 15c

← .04 → .035 ← .04 →

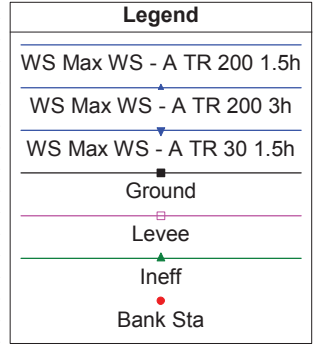
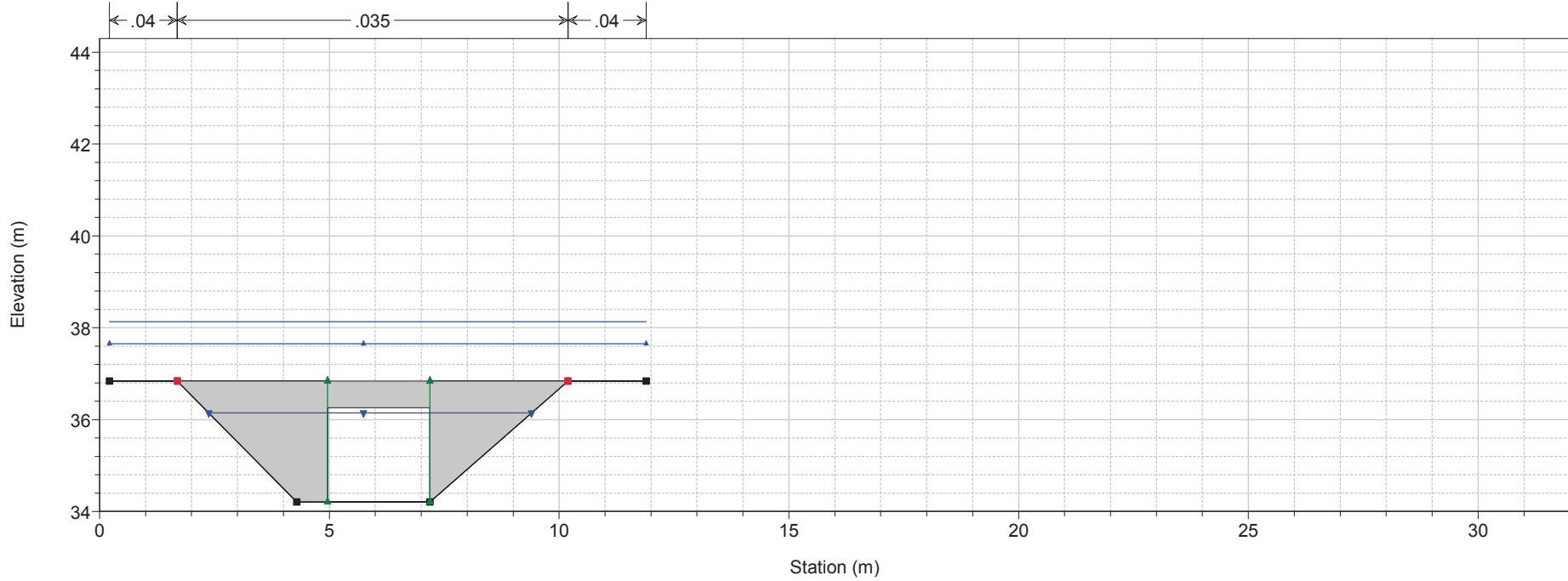


1) A TR 200 1.5h 2) A TR 200 3h 3) A TR 30 1.5h
 River = Crocetta Reach = Crocetta RS = 14 Sez. 14c

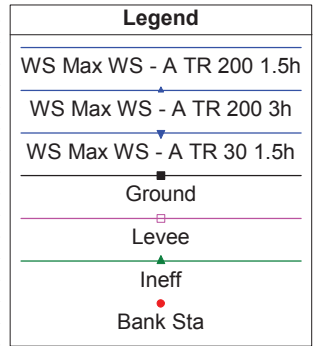
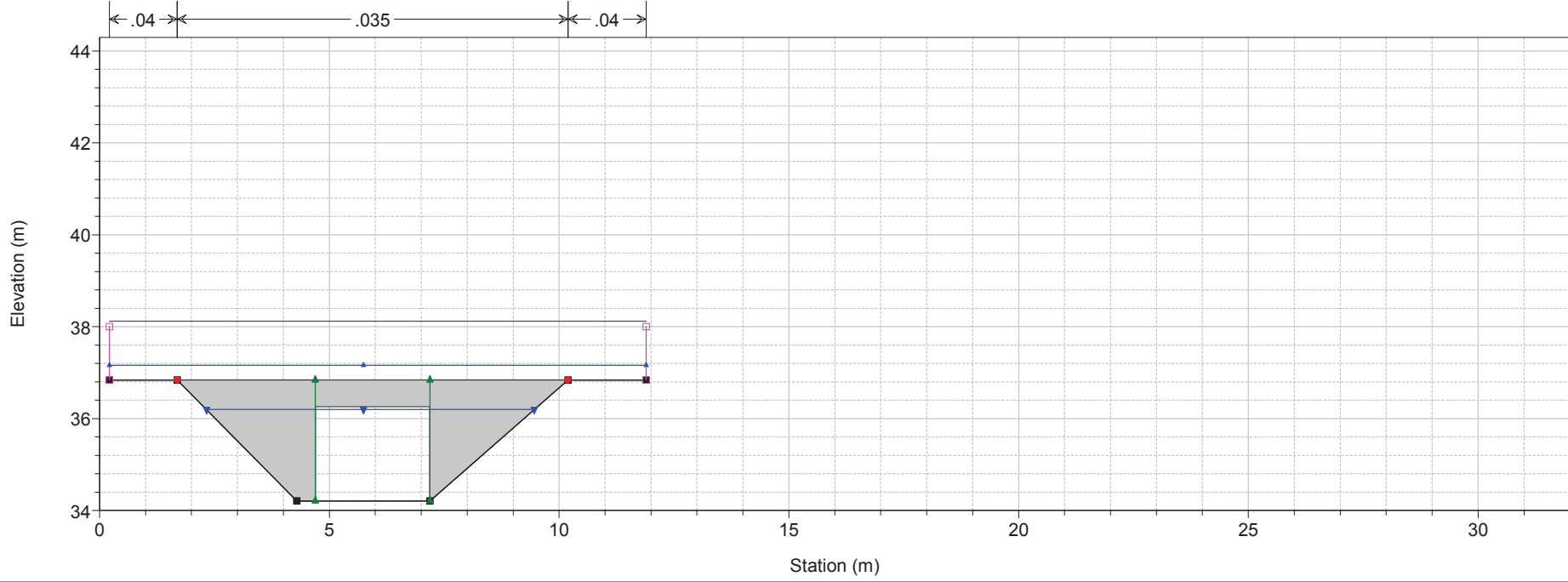
← .04 → .035 ← .04 →



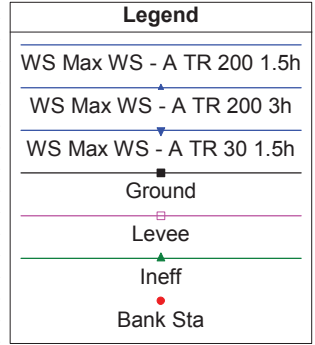
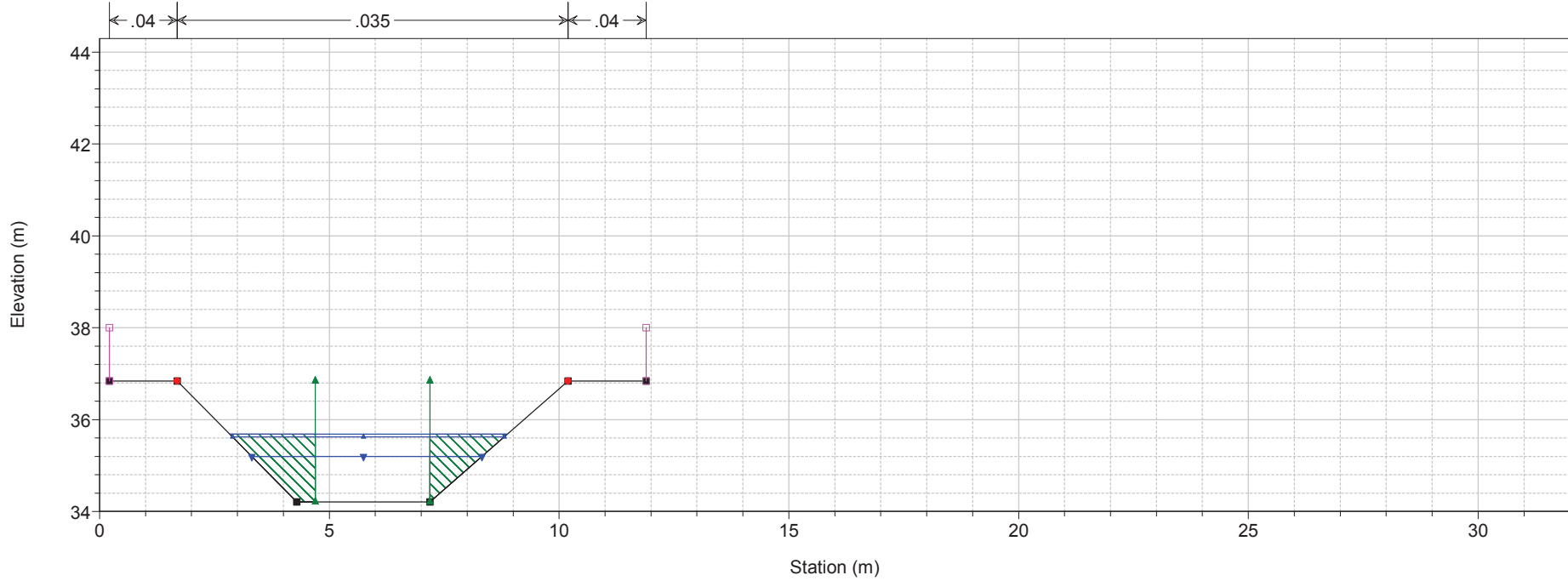
1) A TR 200 1.5h 2) A TR 200 3h 3) A TR 30 1.5h
 River = Crocetta Reach = Crocetta RS = 13.5 BR



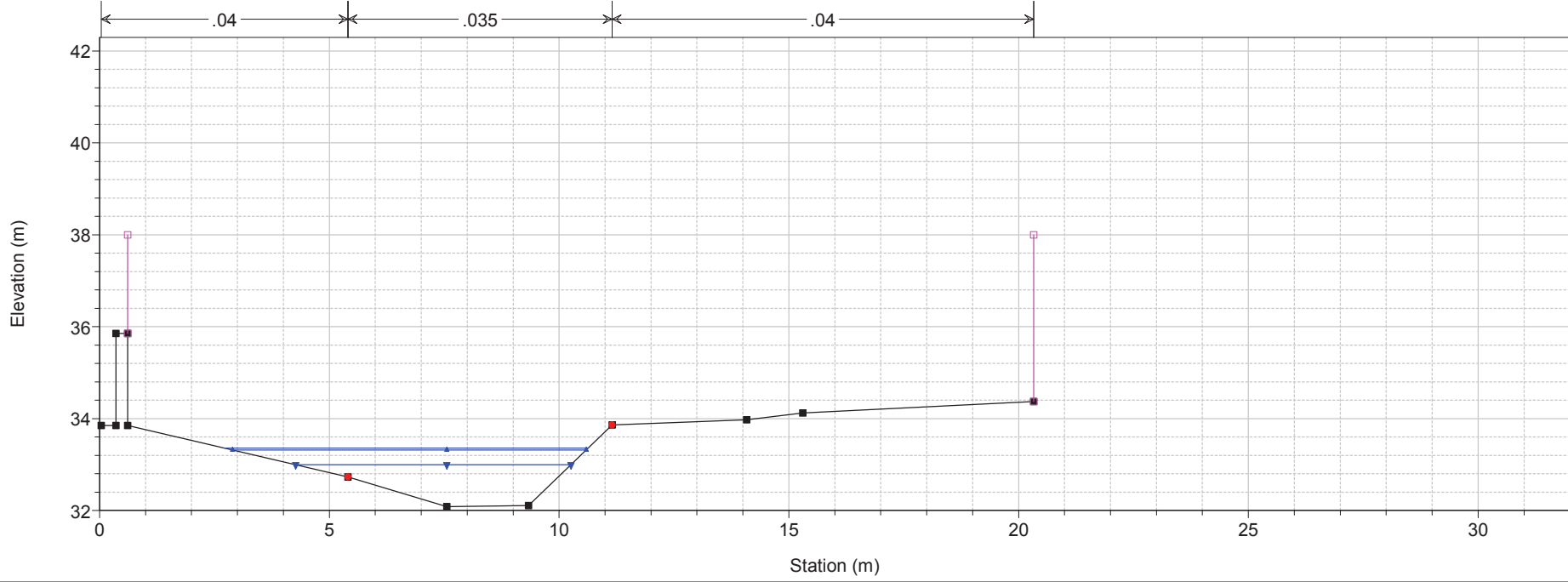
1) A TR 200 1.5h 2) A TR 200 3h 3) A TR 30 1.5h
 River = Crocetta Reach = Crocetta RS = 13.5 BR



1) A TR 200 1.5h 2) A TR 200 3h 3) A TR 30 1.5h
 River = Crocetta Reach = Crocetta RS = 13 Sez. 13c

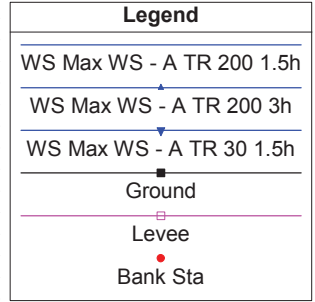
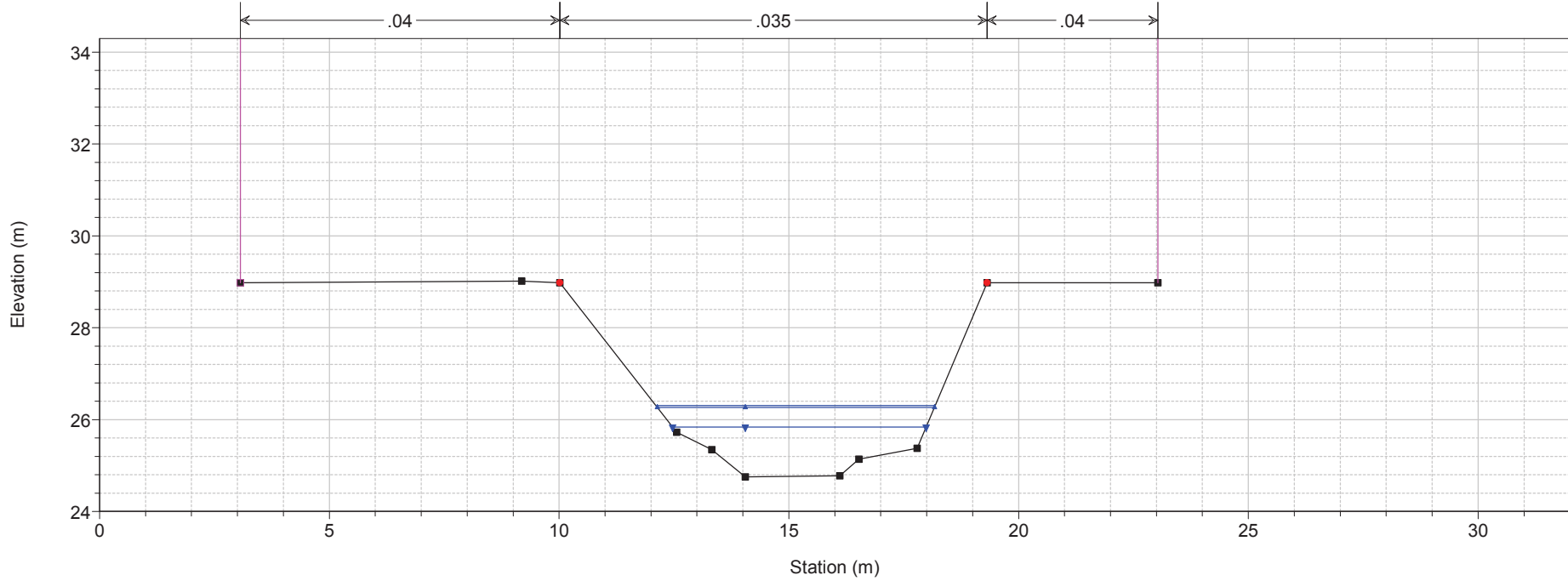


1) A TR 200 1.5h 2) A TR 200 3h 3) A TR 30 1.5h
 River = Crocetta Reach = Crocetta RS = 12 Sez. 12c

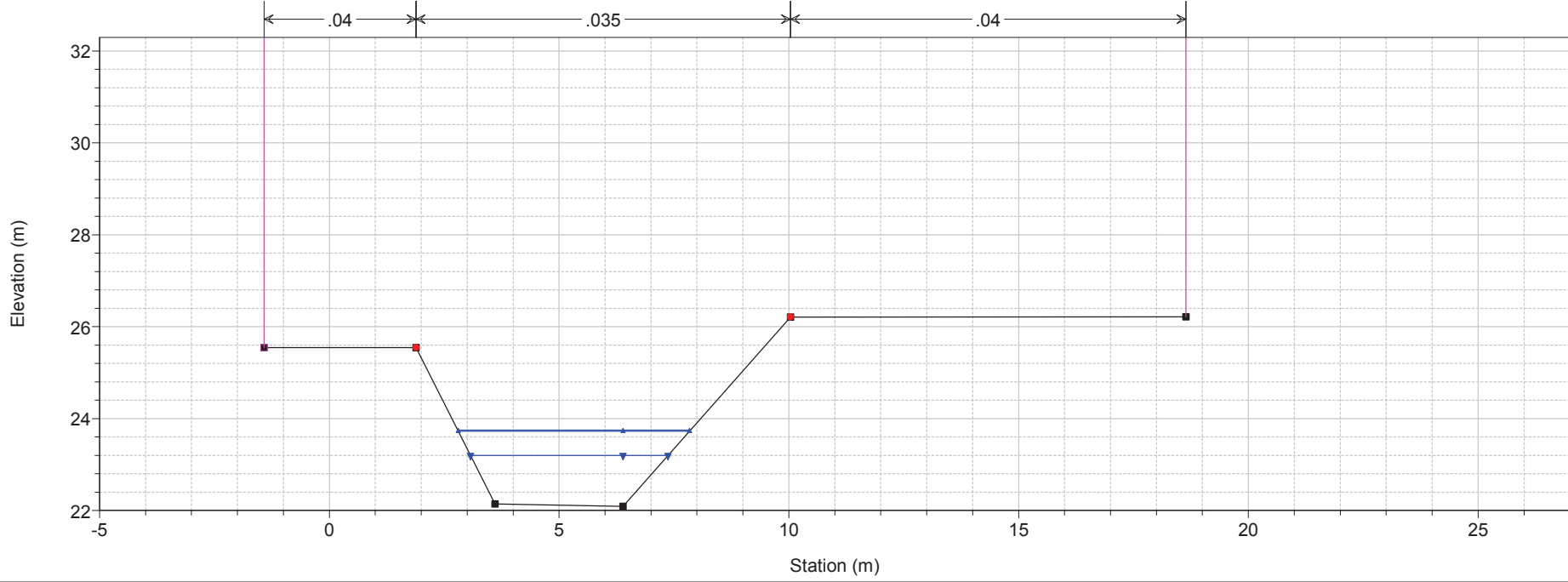


1 cm Horiz. = 1.4 m 1 cm Vert. = 1.4 m

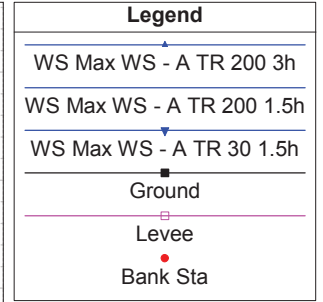
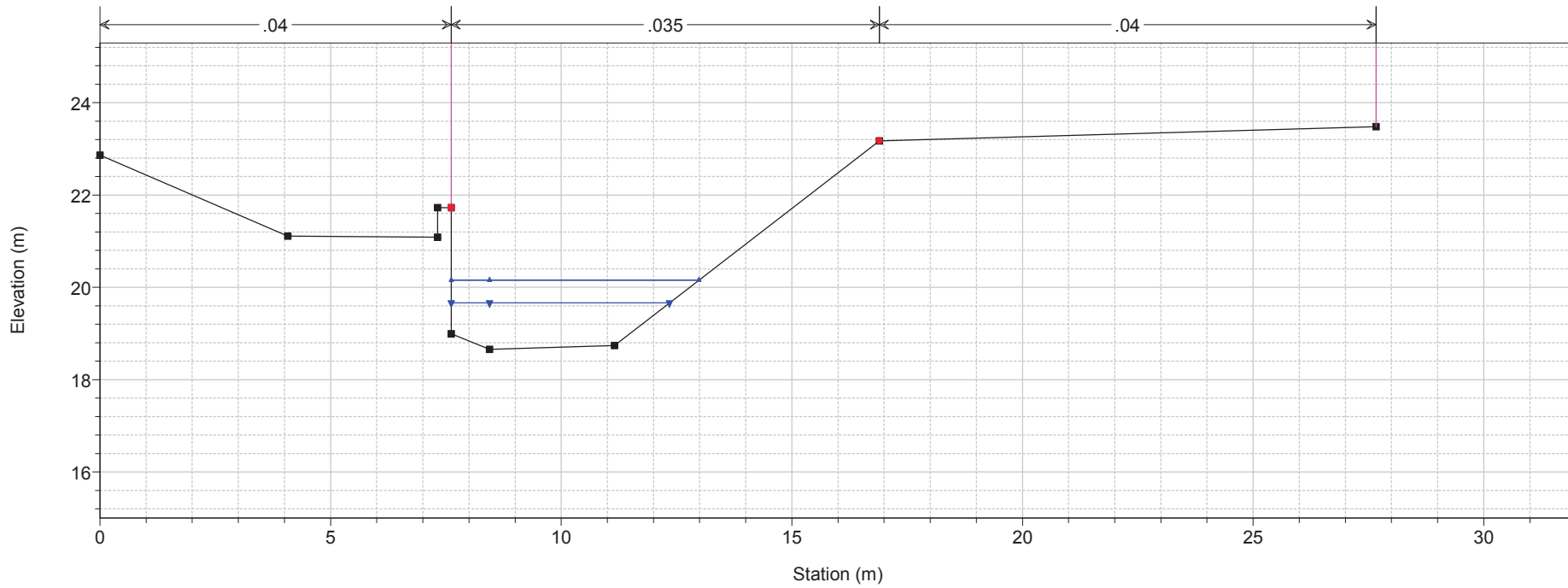
1) A TR 200 1.5h 2) A TR 200 3h 3) A TR 30 1.5h
 River = Crocetta Reach = Crocetta RS = 11 Sez. 11c



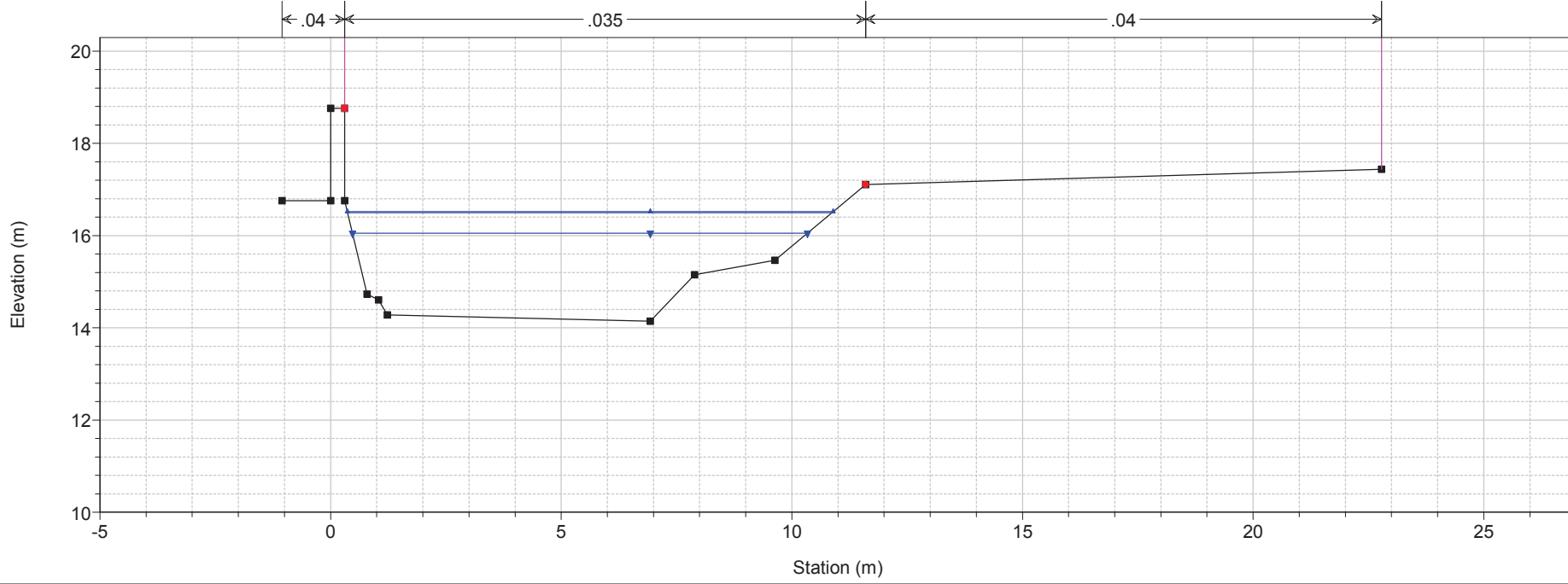
1) A TR 200 1.5h 2) A TR 200 3h 3) A TR 30 1.5h
 River = Crocetta Reach = Crocetta RS = 10 Sez. 10c



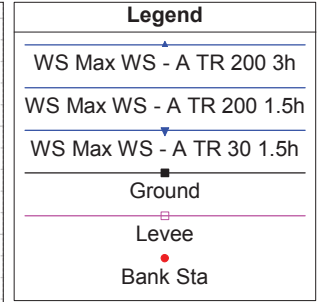
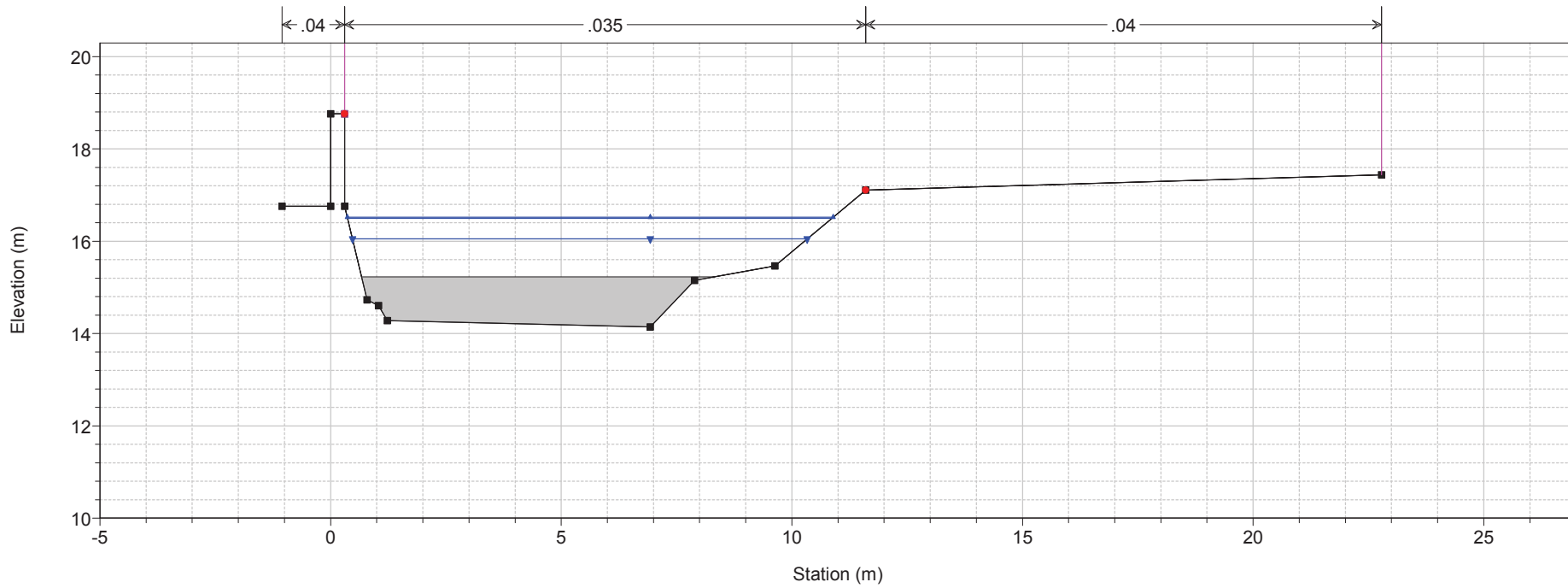
1) A TR 200 1.5h 2) A TR 200 3h 3) A TR 30 1.5h
 River = Crocetta Reach = Crocetta RS = 9 Sez. 9c



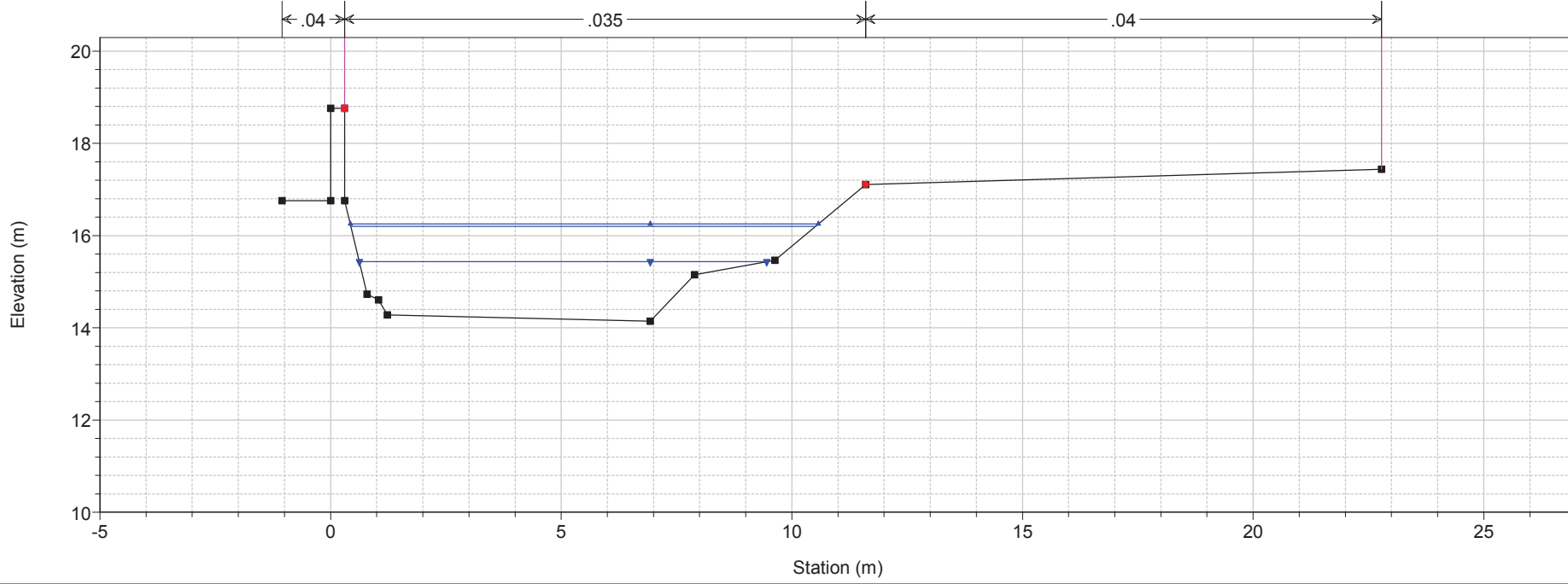
1) A TR 200 1.5h 2) A TR 200 3h 3) A TR 30 1.5h
 River = Crocetta Reach = Crocetta RS = 8 Sez. 8c



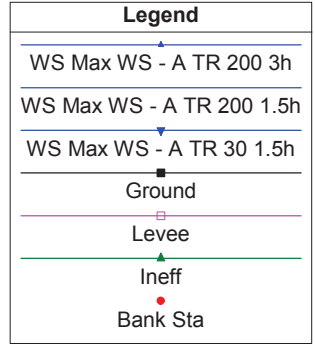
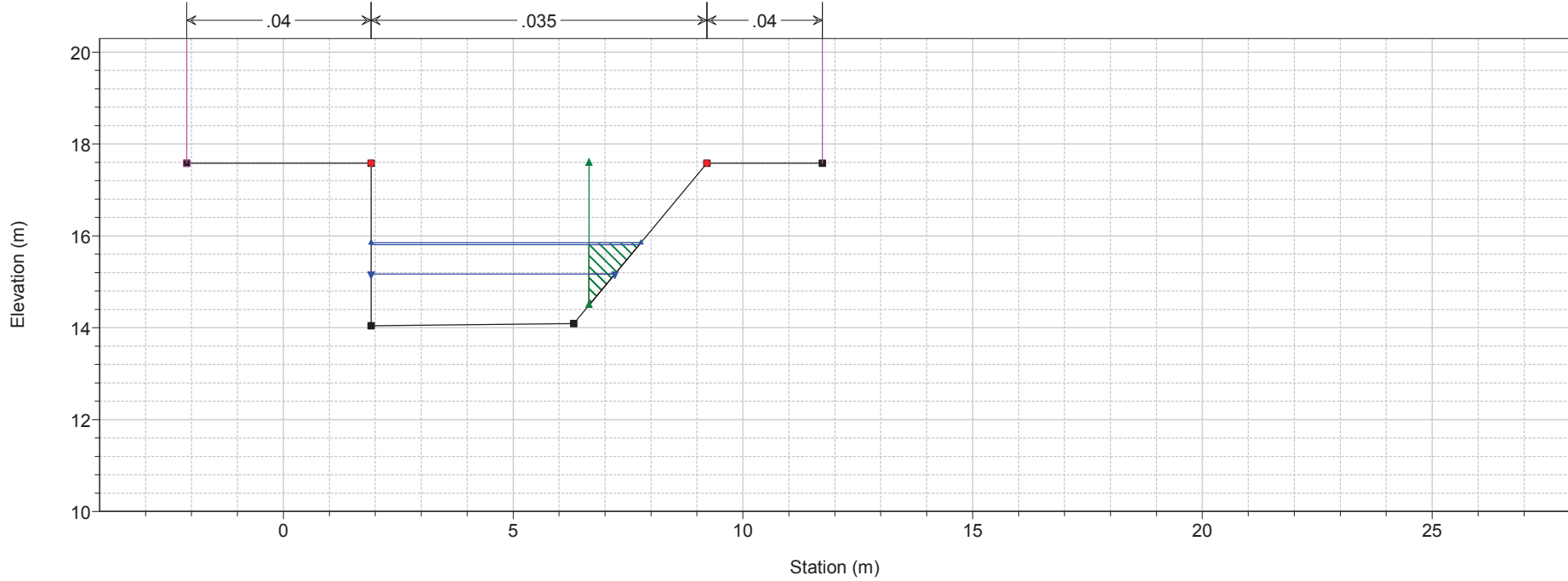
1) A TR 200 1.5h 2) A TR 200 3h 3) A TR 30 1.5h
 River = Crocetta Reach = Crocetta RS = 7.95 IS



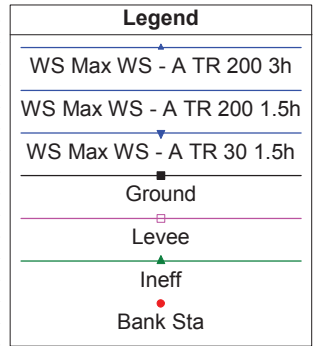
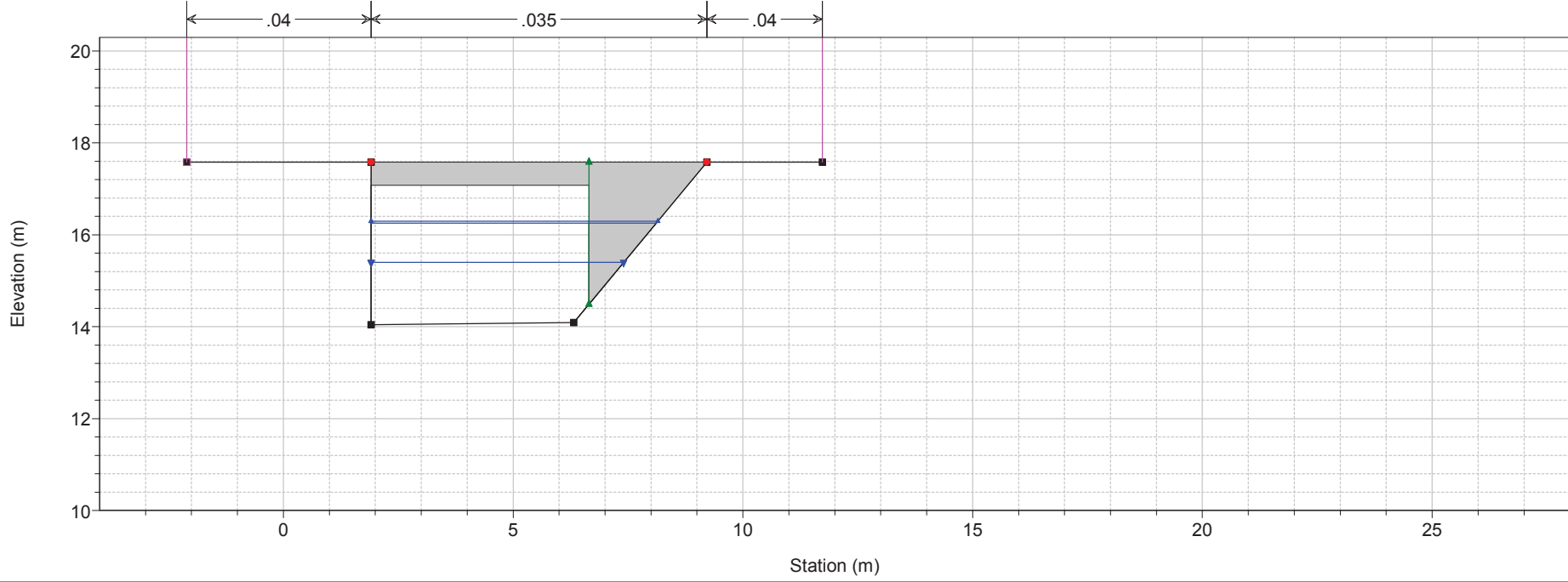
1) A TR 200 1.5h 2) A TR 200 3h 3) A TR 30 1.5h
 River = Crocetta Reach = Crocetta RS = 7.9 Sez. 8c



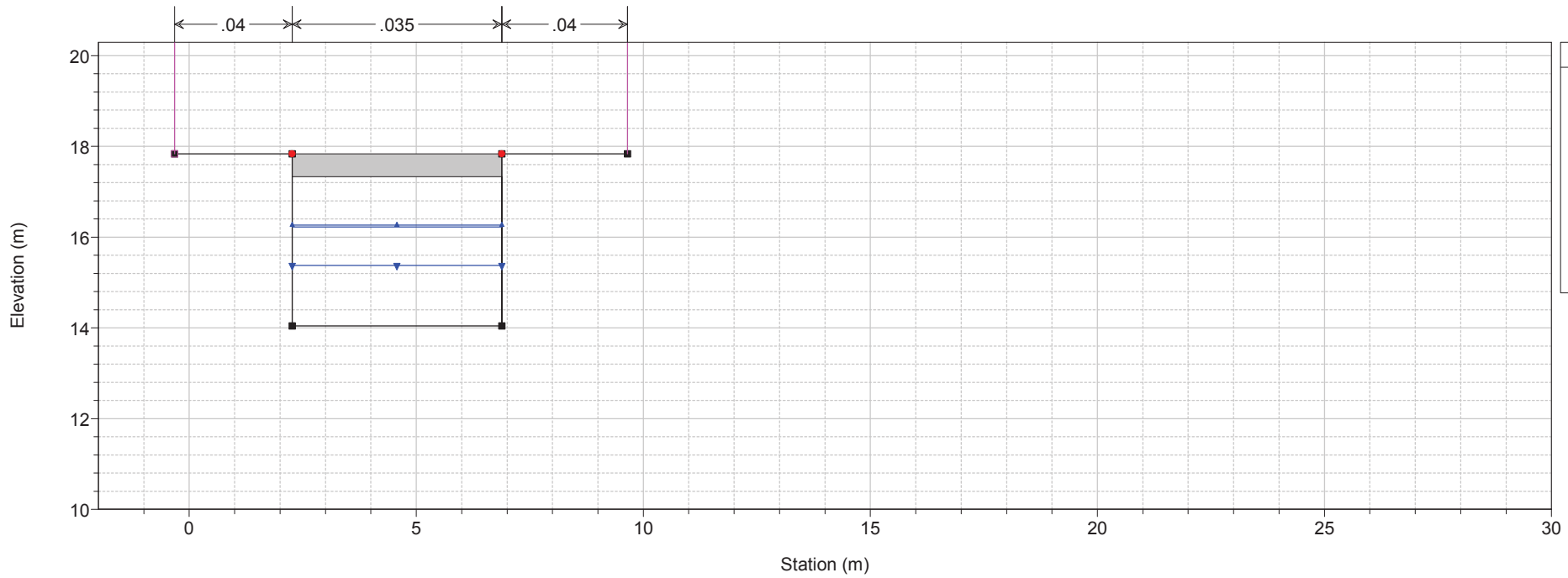
1) A TR 200 1.5h 2) A TR 200 3h 3) A TR 30 1.5h
 River = Crocetta Reach = Crocetta RS = 7 Sez. 7c



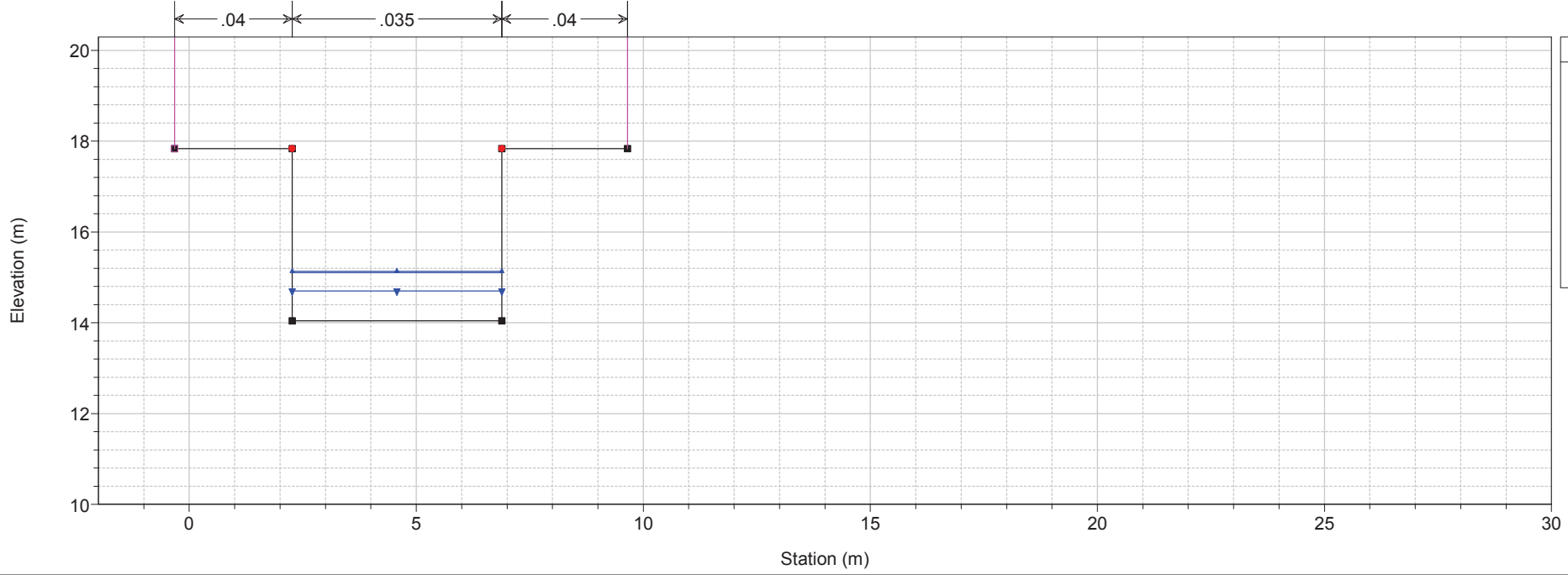
1) A TR 200 1.5h 2) A TR 200 3h 3) A TR 30 1.5h
 River = Crocetta Reach = Crocetta RS = 6.5 BR



1) A TR 200 1.5h 2) A TR 200 3h 3) A TR 30 1.5h
 River = Crocetta Reach = Crocetta RS = 6.5 BR



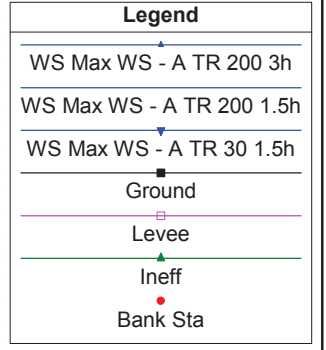
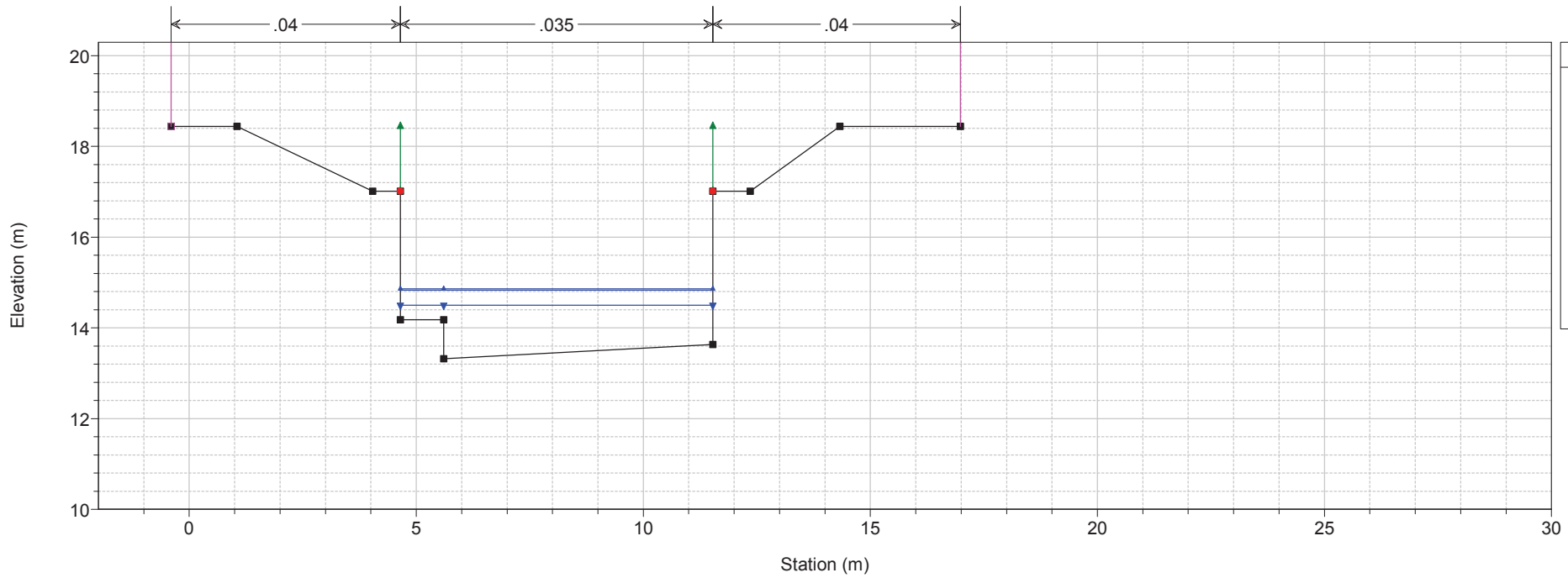
1) A TR 200 1.5h 2) A TR 200 3h 3) A TR 30 1.5h
 River = Crocetta Reach = Crocetta RS = 6 Sez. 6c



1 cm Horiz. = 1.4 m 1 cm Vert. = 1.4 m

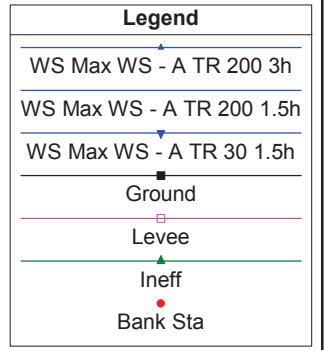
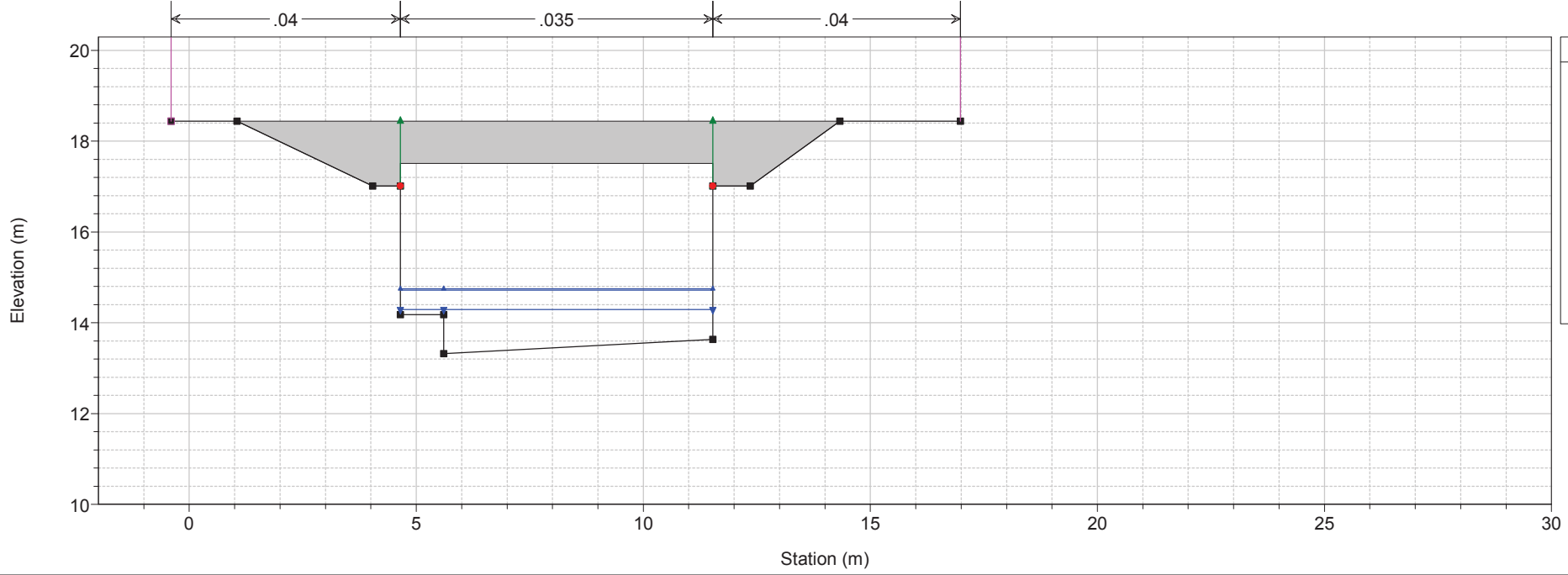
1) A TR 200 1.5h 2) A TR 200 3h 3) A TR 30 1.5h

River = Crocetta Reach = Crocetta RS = 5 Sez. 5c

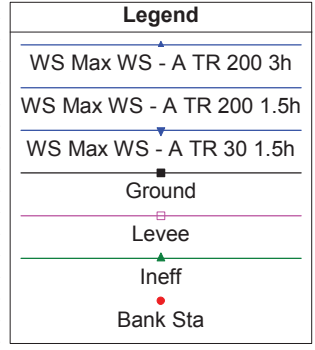
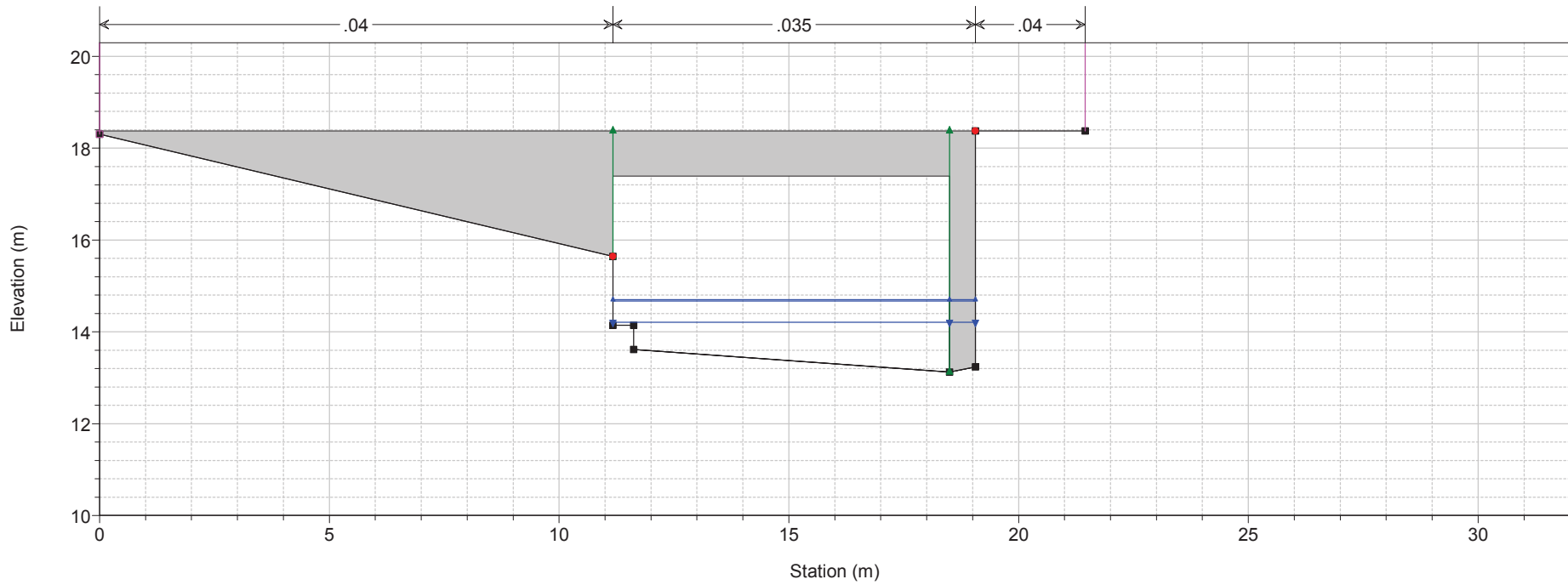


1) A TR 200 1.5h 2) A TR 200 3h 3) A TR 30 1.5h

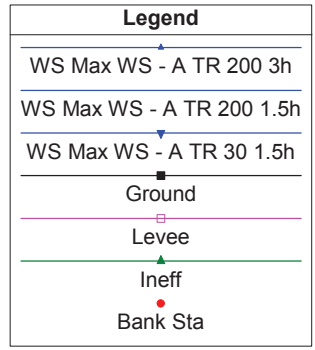
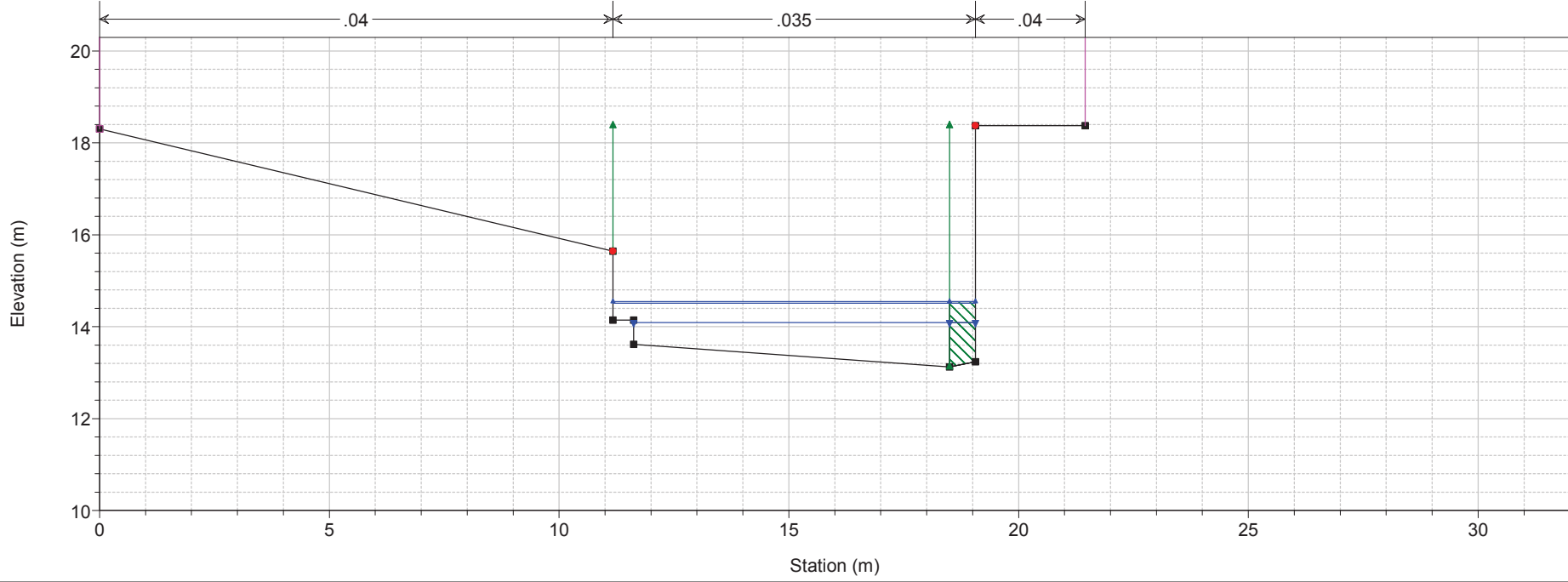
River = Crocetta Reach = Crocetta RS = 4.5 BR



1) A TR 200 1.5h 2) A TR 200 3h 3) A TR 30 1.5h
 River = Crocetta Reach = Crocetta RS = 4.5 BR

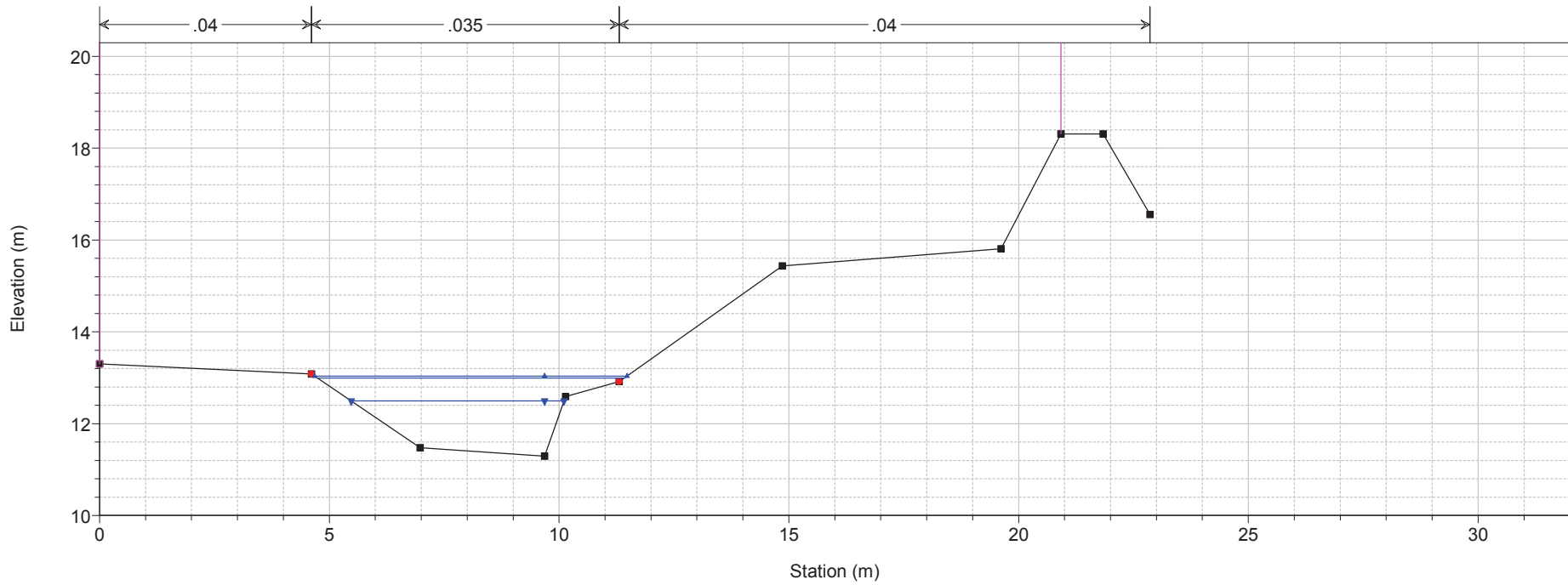


1) A TR 200 1.5h 2) A TR 200 3h 3) A TR 30 1.5h
 River = Crocetta Reach = Crocetta RS = 4 Sez. 4c



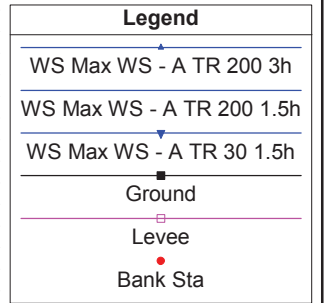
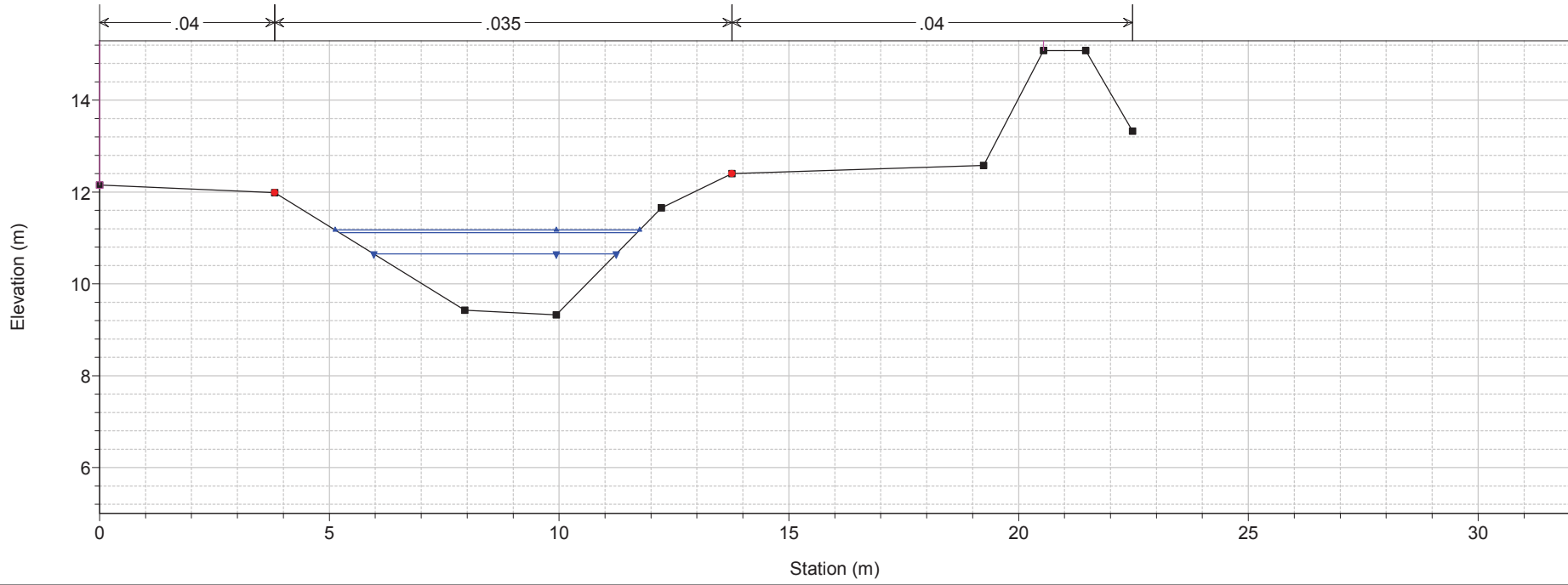
1) A TR 200 1.5h 2) A TR 200 3h 3) A TR 30 1.5h

River = Crocetta Reach = Crocetta RS = 3 Sez. 3c

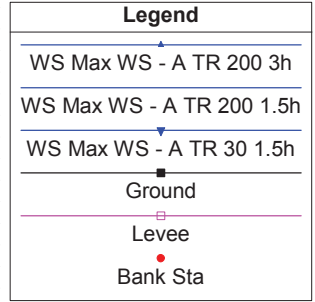
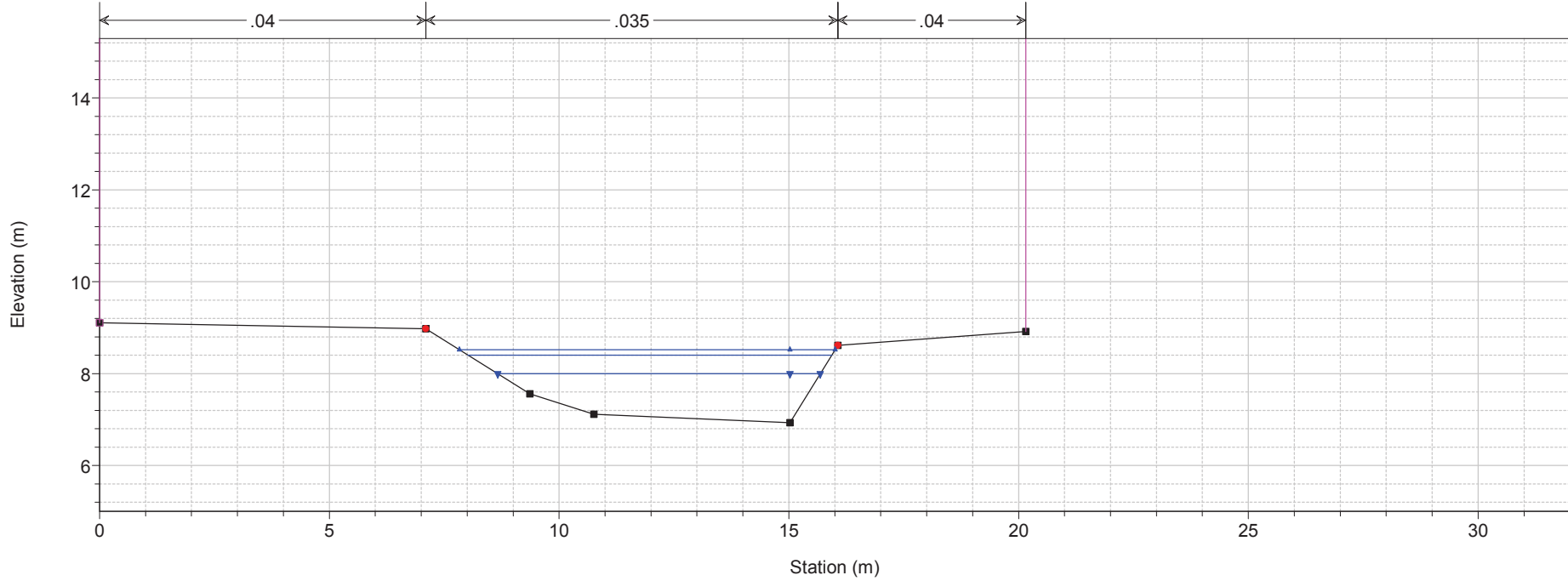


1) A TR 200 1.5h 2) A TR 200 3h 3) A TR 30 1.5h

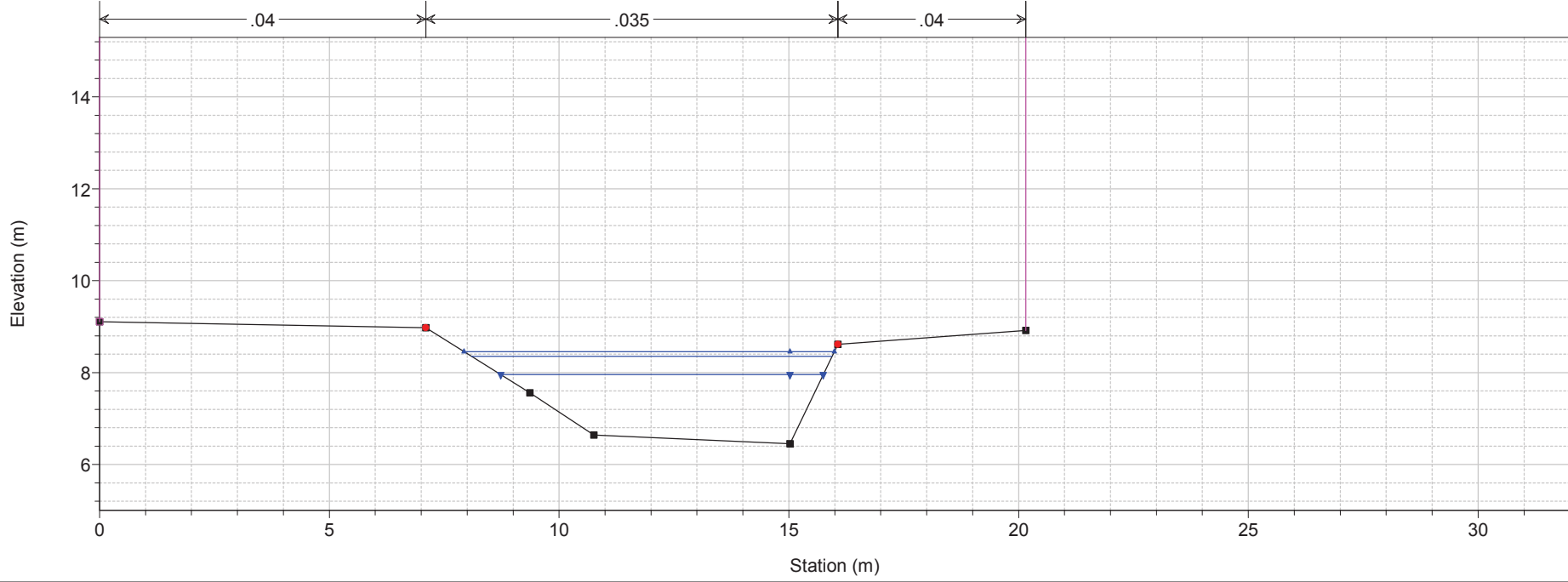
River = Crocetta Reach = Crocetta RS = 2 Sez. 2c



1) A TR 200 1.5h 2) A TR 200 3h 3) A TR 30 1.5h
 River = Crocetta Reach = Crocetta RS = 1 Sez. 1c



1) A TR 200 1.5h 2) A TR 200 3h 3) A TR 30 1.5h
 River = Crocetta Reach = Crocetta RS = 0.9



River	Reach	River Sta	Plan	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
lurco	lurco	18	A TR 200 1.5h	20.75	22.53	23.89	24.07	24.65	0.024194	3.87	5.36	5.21	1.22
lurco	lurco	18	A TR 200 3h	15.79	22.53	23.70	23.84	24.36	0.024885	3.60	4.38	4.98	1.22
lurco	lurco	18	A TR 30 1.5h	12.76	22.53	23.57	23.69	24.16	0.025309	3.39	3.76	4.83	1.23
lurco	lurco	18	P TR 200 1.5h	20.75	22.53	23.89	24.07	24.65	0.024194	3.87	5.36	5.21	1.22
lurco	lurco	18	P TR 200 3h	15.79	22.53	23.70	23.84	24.36	0.024885	3.60	4.38	4.98	1.22
lurco	lurco	18	P TR 30 1.5h	12.76	22.53	23.57	23.69	24.16	0.025309	3.39	3.76	4.83	1.23
lurco	lurco	17	A TR 200 1.5h	20.75	20.51	21.90	22.07	22.70	0.024319	3.96	5.24	4.97	1.23
lurco	lurco	17	A TR 200 3h	15.79	20.51	21.70	21.85	22.39	0.024442	3.68	4.29	4.63	1.22
lurco	lurco	17	A TR 30 1.5h	12.75	20.51	21.56	21.69	22.18	0.024578	3.48	3.67	4.39	1.22
lurco	lurco	17	P TR 200 1.5h	20.75	20.51	21.90	22.07	22.70	0.024319	3.96	5.24	4.97	1.23
lurco	lurco	17	P TR 200 3h	15.79	20.51	21.70	21.85	22.39	0.024442	3.68	4.29	4.63	1.22
lurco	lurco	17	P TR 30 1.5h	12.75	20.51	21.56	21.69	22.18	0.024578	3.48	3.67	4.39	1.22
lurco	lurco	16	A TR 200 1.5h	20.74	17.26	18.81	18.99	19.64	0.025112	4.04	5.13	4.69	1.23
lurco	lurco	16	A TR 200 3h	15.79	17.26	18.60	18.75	19.32	0.025086	3.76	4.19	4.33	1.22
lurco	lurco	16	A TR 30 1.5h	12.75	17.26	18.45	18.59	19.10	0.025047	3.56	3.59	4.07	1.21
lurco	lurco	16	P TR 200 1.5h	20.74	17.26	18.81	18.99	19.64	0.025112	4.04	5.13	4.69	1.23
lurco	lurco	16	P TR 200 3h	15.79	17.26	18.60	18.75	19.32	0.025086	3.76	4.19	4.33	1.22
lurco	lurco	16	P TR 30 1.5h	12.75	17.26	18.45	18.59	19.10	0.025047	3.56	3.59	4.07	1.21
lurco	lurco	15	A TR 200 1.5h	20.74	13.78	16.83	15.55	17.07	0.006128	2.15	9.70	5.81	0.52
lurco	lurco	15	A TR 200 3h	15.70	13.78	16.48	15.26	16.69	0.001367	2.03	7.73	5.55	0.40
lurco	lurco	15	A TR 30 1.5h	12.75	13.78	15.62	15.07	15.92	0.003338	2.44	5.22	5.19	0.58
lurco	lurco	15	P TR 200 1.5h	20.74	13.78	16.83	15.55	17.07	0.006128	2.15	9.70	5.81	0.52
lurco	lurco	15	P TR 200 3h	15.70	13.78	16.48	15.26	16.69	0.001367	2.03	7.73	5.55	0.40
lurco	lurco	15	P TR 30 1.5h	12.75	13.78	15.62	15.07	15.92	0.003338	2.44	5.22	5.19	0.58
lurco	lurco	14.5		Bridge									
lurco	lurco	14	A TR 200 1.5h	20.74	13.73	14.91	15.50	16.88	0.039471	6.23	3.33	6.45	1.85
lurco	lurco	14	A TR 200 3h	15.70	13.73	14.74	15.20	16.30	0.038445	5.53	2.84	6.16	1.78
lurco	lurco	14	A TR 30 1.5h	12.75	13.73	14.63	15.02	15.93	0.037721	5.05	2.52	5.97	1.73
lurco	lurco	14	P TR 200 1.5h	20.74	13.73	14.91	15.50	16.89	0.039506	6.23	3.33	6.45	1.85
lurco	lurco	14	P TR 200 3h	15.70	13.73	14.74	15.20	16.30	0.038445	5.53	2.84	6.16	1.78
lurco	lurco	14	P TR 30 1.5h	12.75	13.73	14.63	15.02	15.93	0.037721	5.05	2.52	5.97	1.73
lurco	lurco	13.99		Lat Struct									
lurco	lurco	13	A TR 200 1.5h	16.96	10.12	12.80	11.53	12.91	0.002034	1.49	11.35	5.15	0.32
lurco	lurco	13	A TR 200 3h	15.94	10.12	11.88	11.48	12.17	0.007510	2.37	6.71	4.79	0.64
lurco	lurco	13	A TR 30 1.5h	12.85	10.12	11.59	11.32	11.89	0.009020	2.39	5.37	4.52	0.70
lurco	lurco	13	P TR 200 1.5h	20.88	10.12	11.83	11.71	12.36	0.014215	3.22	6.48	4.74	0.88
lurco	lurco	13	P TR 200 3h	15.94	10.12	11.59	11.48	12.04	0.014198	2.99	5.33	4.51	0.88
lurco	lurco	13	P TR 30 1.5h	12.85	10.12	11.59	11.32	11.89	0.009020	2.39	5.37	4.52	0.70
lurco	lurco	12.5		Bridge									
lurco	lurco	12	A TR 200 1.5h	16.94	9.99	11.20	11.29	11.83	0.021505	3.54	4.79	4.81	1.13
lurco	lurco	12	A TR 200 3h	15.94	9.99	11.15	11.24	11.77	0.021530	3.48	4.58	4.77	1.13
lurco	lurco	12	A TR 30 1.5h	12.85	9.99	11.02	11.09	11.56	0.021522	3.26	3.94	4.66	1.13
lurco	lurco	12	P TR 200 1.5h	20.88	9.99	11.35	11.46	12.08	0.021680	3.77	5.53	4.93	1.14
lurco	lurco	12	P TR 200 3h	15.94	9.99	11.15	11.24	11.77	0.021531	3.48	4.58	4.77	1.13
lurco	lurco	12	P TR 30 1.5h	12.85	9.99	11.02	11.09	11.56	0.021522	3.26	3.94	4.66	1.13
lurco	lurco	11.99		Lat Struct									
lurco	lurco	11	A TR 200 1.5h	20.69	6.99	8.43	8.33	8.89	0.012760	3.01	6.88	5.76	0.88
lurco	lurco	11	A TR 200 3h	16.25	6.99	8.45	8.14	8.73	0.007494	2.32	7.00	5.78	0.67
lurco	lurco	11	A TR 30 1.5h	12.92	6.99	8.05	7.99	8.42	0.014144	2.72	4.75	5.27	0.91
lurco	lurco	11	P TR 200 1.5h	20.84	6.99	8.43	8.33	8.90	0.013036	3.04	6.86	5.75	0.89
lurco	lurco	11	P TR 200 3h	16.26	6.99	8.45	8.14	8.73	0.007497	2.32	7.00	5.78	0.67
lurco	lurco	11	P TR 30 1.5h	12.92	6.99	8.04	7.99	8.42	0.014663	2.75	4.69	5.25	0.93
lurco	lurco	10.8	A TR 200 1.5h	16.20	6.45	8.35	7.62	8.52	0.003487	1.78	9.11	5.79	0.45
lurco	lurco	10.8	A TR 200 3h	16.26	6.45	8.46	7.63	8.60	0.002951	1.67	9.71	5.89	0.42
lurco	lurco	10.8	A TR 30 1.5h	12.74	6.45	7.95	7.46	8.13	0.004685	1.85	6.88	5.40	0.52
lurco	lurco	10.8	P TR 200 1.5h	20.77	6.45	8.37	7.82	8.63	0.005615	2.26	9.18	5.80	0.57
lurco	lurco	10.8	P TR 200 3h	16.26	6.45	8.46	7.63	8.60	0.002951	1.67	9.71	5.89	0.42
lurco	lurco	10.8	P TR 30 1.5h	12.74	6.45	7.95	7.46	8.13	0.004708	1.86	6.87	5.39	0.52
lurco	lurco_valle	10.2	A TR 200 1.5h	39.27	6.43	8.35	8.30	9.05	0.014213	3.68	10.66	6.98	0.95
lurco	lurco_valle	10.2	A TR 200 3h	43.30	6.43	8.46	8.43	9.19	0.014090	3.80	11.52	9.97	0.95
lurco	lurco_valle	10.2	A TR 30 1.5h	25.87	6.43	7.95	7.89	8.49	0.013702	3.24	7.99	6.41	0.93
lurco	lurco_valle	10.2	P TR 200 1.5h	39.63	6.43	8.37	8.31	9.06	0.014143	3.69	10.74	7.19	0.95
lurco	lurco_valle	10.2	P TR 200 3h	43.30	6.43	8.46	8.43	9.19	0.014090	3.80	11.52	9.97	0.95
lurco	lurco_valle	10.2	P TR 30 1.5h	25.87	6.43	7.95	7.88	8.49	0.013765	3.24	7.97	6.40	0.93
lurco	lurco_valle	10	A TR 200 1.5h	39.27	6.37	8.31	8.24	8.99	0.013871	3.66	10.73	6.92	0.94
lurco	lurco_valle	10	A TR 200 3h	43.30	6.37	8.41	8.35	9.14	0.013954	3.78	11.48	8.59	0.94
lurco	lurco_valle	10	A TR 30 1.5h	25.87	6.37	7.92	7.82	8.43	0.012915	3.18	8.14	6.38	0.90
lurco	lurco_valle	10	P TR 200 1.5h	39.63	6.37	8.32	8.25	9.01	0.013815	3.66	10.81	6.94	0.94
lurco	lurco_valle	10	P TR 200 3h	43.30	6.37	8.41	8.35	9.14	0.013954	3.78	11.48	8.59	0.94
lurco	lurco_valle	10	P TR 30 1.5h	25.87	6.37	7.92	7.82	8.43	0.012904	3.18	8.14	6.38	0.90
lurco	lurco_valle	9	A TR 200 1.5h	38.90	5.17	7.19	6.91	7.61	0.007153	3.04	14.34	10.27	0.69
lurco	lurco_valle	9	A TR 200 3h	42.50	5.17	7.23	7.01	7.71	0.007949	3.24	14.75	10.40	0.73

River	Reach	River Sta	Plan	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
lurco	lurco_valle	9	A TR 30 1.5h	24.22	5.17	6.74	6.48	7.07	0.007011	2.64	10.02	8.78	0.68
lurco	lurco_valle	9	P TR 200 1.5h	39.51	5.17	7.17	6.93	7.62	0.007674	3.14	14.12	10.20	0.72
lurco	lurco_valle	9	P TR 200 3h	42.54	5.17	7.23	7.01	7.71	0.007963	3.24	14.75	10.40	0.73
lurco	lurco_valle	9	P TR 30 1.5h	24.58	5.17	6.73	6.50	7.08	0.007250	2.68	10.00	8.77	0.69
lurco	lurco_valle	8.9	A TR 200 1.5h	47.39	4.49	7.02	6.02	7.23	0.002624	2.04	23.24	10.21	0.43
lurco	lurco_valle	8.9	A TR 200 3h	49.14	4.49	7.08	6.06	7.30	0.002593	2.05	23.92	10.22	0.43
lurco	lurco_valle	8.9	A TR 30 1.5h	31.53	4.49	6.37	5.71	6.55	0.003107	1.89	16.64	10.11	0.47
lurco	lurco_valle	8.9	P TR 200 1.5h	48.39	4.49	7.06	6.04	7.27	0.002602	2.05	23.65	10.22	0.43
lurco	lurco_valle	8.9	P TR 200 3h	49.14	4.49	7.08	6.06	7.30	0.002599	2.06	23.91	10.22	0.43
lurco	lurco_valle	8.9	P TR 30 1.5h	31.53	4.49	6.37	5.71	6.55	0.003100	1.89	16.65	10.11	0.47
lurco	lurco_valle	8.8	A TR 200 1.5h	47.39	4.06	6.82	5.89	7.19	0.005243	2.71	17.51	6.56	0.53
lurco	lurco_valle	8.8	A TR 200 3h	49.14	4.06	6.88	5.93	7.26	0.005307	2.75	17.90	6.56	0.53
lurco	lurco_valle	8.8	A TR 30 1.5h	31.53	4.06	6.24	5.47	6.51	0.004551	2.30	13.72	6.55	0.51
lurco	lurco_valle	8.8	P TR 200 1.5h	48.39	4.06	6.85	5.91	7.23	0.005280	2.73	17.73	6.56	0.53
lurco	lurco_valle	8.8	P TR 200 3h	49.14	4.06	6.88	5.93	7.26	0.005307	2.75	17.90	6.56	0.53
lurco	lurco_valle	8.8	P TR 30 1.5h	31.53	4.06	6.24	5.47	6.51	0.004551	2.30	13.72	6.55	0.51
lurco	lurco_valle	8.6		Bridge									
lurco	lurco_valle	8.47368	A TR 200 1.5h	47.37	4.12	5.69	5.65	6.27	0.011939	3.36	14.08	11.03	0.95
lurco	lurco_valle	8.47368	A TR 200 3h	49.13	4.12	5.72	5.68	6.31	0.011969	3.41	14.42	11.08	0.95
lurco	lurco_valle	8.47368	A TR 30 1.5h	31.53	4.12	5.37	5.33	5.82	0.012086	2.96	10.64	10.45	0.94
lurco	lurco_valle	8.47368	P TR 200 1.5h	48.38	4.12	5.74	5.67	6.30	0.011092	3.30	14.65	11.12	0.92
lurco	lurco_valle	8.47368	P TR 200 3h	49.14	4.12	5.76	5.68	6.32	0.011040	3.31	14.83	11.15	0.92
lurco	lurco_valle	8.47368	P TR 30 1.5h	31.53	4.12	5.37	5.33	5.82	0.012107	2.97	10.63	10.45	0.94
lurco	lurco_valle	8.46		Lat Struct									
lurco	lurco_valle	8.4	A TR 200 1.5h	45.55	3.84	5.20	5.53	6.45	0.030916	4.95	9.20	7.54	1.43
lurco	lurco_valle	8.4	A TR 200 3h	46.76	3.84	5.24	5.56	6.48	0.029670	4.93	9.49	7.54	1.40
lurco	lurco_valle	8.4	A TR 30 1.5h	31.69	3.84	4.80	5.20	6.14	0.048772	5.12	6.19	7.31	1.77
lurco	lurco_valle	8.4	P TR 200 1.5h	48.61	3.84	5.29	5.54	6.12	0.020466	4.28	13.51	18.08	1.19
lurco	lurco_valle	8.4	P TR 200 3h	49.30	3.84	5.32	5.55	6.12	0.019508	4.22	13.93	18.11	1.17
lurco	lurco_valle	8.4	P TR 30 1.5h	31.69	3.84	4.80	5.20	6.15	0.049722	5.15	6.15	7.30	1.79
lurco	lurco_valle	8.3	A TR 200 1.5h	46.05	2.07	4.99	4.27	5.39	0.005494	2.81	16.41	7.12	0.59
lurco	lurco_valle	8.3	A TR 200 3h	47.56	2.07	5.06	4.31	5.46	0.005418	2.82	16.89	7.12	0.58
lurco	lurco_valle	8.3	A TR 30 1.5h	31.76	2.07	4.36	3.85	4.72	0.006216	2.65	11.99	6.87	0.64
lurco	lurco_valle	8.3	P TR 200 1.5h	48.69	2.07	5.16	4.34	5.43	0.003543	2.40	23.87	18.01	0.49
lurco	lurco_valle	8.3	P TR 200 3h	49.36	2.07	5.18	4.36	5.44	0.003524	2.40	24.20	18.04	0.49
lurco	lurco_valle	8.3	P TR 30 1.5h	31.76	2.07	4.36	3.85	4.72	0.006252	2.65	11.97	6.86	0.64
lurco	lurco_valle	8	A TR 200 1.5h	47.85	1.87	4.77	3.82	5.20	0.004408	2.91	16.53	8.29	0.55
lurco	lurco_valle	8	A TR 200 3h	49.37	1.87	4.82	3.86	5.26	0.004434	2.95	16.82	8.36	0.55
lurco	lurco_valle	8	A TR 30 1.5h	31.88	1.87	4.21	3.35	4.50	0.004039	2.41	13.28	7.47	0.50
lurco	lurco_valle	8	P TR 200 1.5h	48.88	1.87	4.80	3.85	5.24	0.004426	2.94	16.73	8.34	0.55
lurco	lurco_valle	8	P TR 200 3h	49.49	1.87	4.82	3.87	5.27	0.004436	2.95	16.84	8.37	0.55
lurco	lurco_valle	8	P TR 30 1.5h	31.88	1.87	4.21	3.35	4.50	0.004040	2.41	13.28	7.47	0.50
lurco	lurco_valle	7.5		Bridge									
lurco	lurco_valle	7	A TR 200 1.5h	47.85	1.96	3.95	4.11	5.09	0.014624	4.74	10.09	8.48	1.14
lurco	lurco_valle	7	A TR 200 3h	49.37	1.96	3.98	4.15	5.16	0.014638	4.80	10.28	8.48	1.14
lurco	lurco_valle	7	A TR 30 1.5h	31.88	1.96	3.58	3.65	4.39	0.014114	3.99	7.99	8.48	1.08
lurco	lurco_valle	7	P TR 200 1.5h	48.88	1.96	3.97	4.13	5.14	0.014556	4.78	10.23	8.48	1.14
lurco	lurco_valle	7	P TR 200 3h	49.49	1.96	3.98	4.15	5.16	0.014628	4.81	10.29	8.48	1.14
lurco	lurco_valle	7	P TR 30 1.5h	31.88	1.96	3.58	3.65	4.39	0.014085	3.99	8.00	8.48	1.07
lurco	lurco_valle	6	A TR 200 1.5h	47.94	1.54	3.29	3.25	4.00	0.014123	3.75	12.77	8.26	0.96
lurco	lurco_valle	6	A TR 200 3h	49.47	1.54	3.32	3.28	4.05	0.014145	3.79	13.04	8.26	0.96
lurco	lurco_valle	6	A TR 30 1.5h	32.01	1.54	2.92	2.89	3.47	0.014129	3.28	9.75	8.25	0.96
lurco	lurco_valle	6	P TR 200 1.5h	49.08	1.54	3.31	3.27	4.04	0.014204	3.79	12.95	8.26	0.97
lurco	lurco_valle	6	P TR 200 3h	49.62	1.54	3.32	3.28	4.06	0.014147	3.80	13.07	8.26	0.96
lurco	lurco_valle	6	P TR 30 1.5h	32.01	1.54	2.92	2.89	3.47	0.014220	3.29	9.73	8.25	0.97
lurco	lurco_valle	5	A TR 200 1.5h	48.07	0.88	2.65	2.49	3.25	0.011175	3.42	14.05	8.66	0.86
lurco	lurco_valle	5	A TR 200 3h	49.49	0.88	2.68	2.52	3.29	0.011189	3.46	14.32	8.66	0.86
lurco	lurco_valle	5	A TR 30 1.5h	32.15	0.88	2.28	2.15	2.73	0.010876	2.97	10.84	8.66	0.85
lurco	lurco_valle	5	P TR 200 1.5h	49.27	0.88	2.68	2.52	3.29	0.011132	3.44	14.30	8.66	0.86
lurco	lurco_valle	5	P TR 200 3h	49.59	0.88	2.68	2.52	3.29	0.011216	3.46	14.33	8.66	0.86
lurco	lurco_valle	5	P TR 30 1.5h	32.16	0.88	2.28	2.15	2.73	0.010904	2.97	10.83	8.66	0.85
lurco	lurco_valle	4.5		Bridge									
lurco	lurco_valle	4	A TR 200 1.5h	48.07	0.86	2.67	2.42	3.20	0.009666	3.23	14.87	8.77	0.79
lurco	lurco_valle	4	A TR 200 3h	49.59	0.86	2.70	2.46	3.25	0.009702	3.27	15.17	8.77	0.79
lurco	lurco_valle	4	A TR 30 1.5h	32.16	0.86	2.27	2.08	2.68	0.009705	2.83	11.35	8.77	0.79
lurco	lurco_valle	4	P TR 200 1.5h	49.30	0.86	2.69	2.45	3.24	0.009745	3.27	15.09	8.77	0.80
lurco	lurco_valle	4	P TR 200 3h	49.78	0.86	2.71	2.46	3.25	0.009696	3.27	15.21	8.77	0.79
lurco	lurco_valle	4	P TR 30 1.5h	32.16	0.86	2.26	2.08	2.67	0.009811	2.84	11.31	8.77	0.80
lurco	lurco_valle	3	A TR 200 1.5h	48.20	0.42	2.30	2.05	2.83	0.009341	3.23	14.94	8.71	0.79
lurco	lurco_valle	3	A TR 200 3h	49.70	0.42	2.33	2.08	2.88	0.009419	3.27	15.21	8.71	0.79
lurco	lurco_valle	3	A TR 30 1.5h	32.26	0.42	1.92	1.70	2.32	0.008822	2.77	11.63	8.71	0.77
lurco	lurco_valle	3	P TR 200 1.5h	49.46	0.42	2.31	2.07	2.86	0.009683	3.29	15.02	8.71	0.80

River	Reach	River Sta	Plan	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
lurco	lurco_valle	3	P TR 200 3h	49.89	0.42	2.34	2.08	2.88	0.009417	3.27	15.26	8.71	0.79
lurco	lurco_valle	3	P TR 30 1.5h	32.27	0.42	1.91	1.71	2.31	0.009071	2.80	11.53	8.71	0.78
lurco	lurco_valle	2	A TR 200 1.5h	48.44	0.18	2.23	1.34	2.41	0.002155	1.90	25.50	12.71	0.43
lurco	lurco_valle	2	A TR 200 3h	49.89	0.18	2.26	1.37	2.45	0.002157	1.92	25.98	12.71	0.43
lurco	lurco_valle	2	A TR 30 1.5h	32.46	0.18	1.78	1.08	1.91	0.002137	1.63	19.87	12.67	0.41
lurco	lurco_valle	2	P TR 200 1.5h	49.76	0.18	2.26	1.37	2.45	0.002156	1.92	25.94	12.71	0.43
lurco	lurco_valle	2	P TR 200 3h	50.10	0.18	2.27	1.37	2.46	0.002157	1.92	26.05	12.71	0.43
lurco	lurco_valle	2	P TR 30 1.5h	32.47	0.18	1.78	1.07	1.91	0.002137	1.63	19.87	12.67	0.41
lurco	lurco_valle	1.5		Bridge									
lurco	lurco_valle	1.1	A TR 200 1.5h	48.44	0.18	2.12	1.36	2.34	0.002699	2.09	23.20	17.32	0.48
lurco	lurco_valle	1.1	A TR 200 3h	49.89	0.18	2.15	1.39	2.38	0.002700	2.11	23.64	17.40	0.48
lurco	lurco_valle	1.1	A TR 30 1.5h	32.46	0.18	1.68	1.09	1.85	0.002699	1.80	18.02	16.39	0.47
lurco	lurco_valle	1.1	P TR 200 1.5h	49.76	0.18	2.15	1.39	2.38	0.002699	2.11	23.60	17.39	0.48
lurco	lurco_valle	1.1	P TR 200 3h	50.10	0.18	2.16	1.39	2.39	0.002700	2.11	23.70	17.41	0.48
lurco	lurco_valle	1.1	P TR 30 1.5h	32.47	0.18	1.68	1.09	1.85	0.002698	1.80	18.02	16.39	0.47
lurco	lurco_valle	1	A TR 200 1.5h	48.44	0.18	2.12	1.36	2.34	0.002702	2.09	23.19	17.32	0.48
lurco	lurco_valle	1	A TR 200 3h	49.89	0.18	2.15	1.39	2.38	0.002701	2.11	23.64	17.40	0.48
lurco	lurco_valle	1	A TR 30 1.5h	32.46	0.18	1.68	1.09	1.85	0.002701	1.80	18.02	16.39	0.47
lurco	lurco_valle	1	P TR 200 1.5h	49.76	0.18	2.15	1.39	2.38	0.002701	2.11	23.60	17.39	0.48
lurco	lurco_valle	1	P TR 200 3h	50.10	0.18	2.16	1.39	2.39	0.002701	2.11	23.70	17.41	0.48
lurco	lurco_valle	1	P TR 30 1.5h	32.47	0.18	1.68	1.09	1.85	0.002700	1.80	18.02	16.39	0.47
Crocetta	Crocetta	15	A TR 200 1.5h	24.71	35.68	37.60	36.66	37.72	0.001804	1.54	16.51	10.10	0.36
Crocetta	Crocetta	15	A TR 200 3h	22.99	35.68	37.47	36.61	37.59	0.001987	1.55	15.22	9.88	0.37
Crocetta	Crocetta	15	A TR 30 1.5h	12.00	35.68	36.22	36.29	36.60	0.024968	2.76	4.35	8.32	1.22
Crocetta	Crocetta	15	P TR 200 1.5h	24.71	35.68	37.60	36.66	37.72	0.001798	1.54	16.53	10.10	0.36
Crocetta	Crocetta	15	P TR 200 3h	22.99	35.68	37.47	36.61	37.59	0.001987	1.55	15.22	9.88	0.37
Crocetta	Crocetta	15	P TR 30 1.5h	12.00	35.68	36.22	36.29	36.60	0.023891	2.72	4.41	8.32	1.19
Crocetta	Crocetta	14	A TR 200 1.5h	24.70	34.21	37.50	37.12	37.69	0.004255	1.97	13.60	11.68	0.54
Crocetta	Crocetta	14	A TR 200 3h	22.99	34.21	37.35	37.08	37.56	0.005645	2.09	11.83	11.68	0.61
Crocetta	Crocetta	14	A TR 30 1.5h	12.00	34.21	35.77	35.64	36.38	0.007994	3.44	3.49	6.23	0.88
Crocetta	Crocetta	14	P TR 200 1.5h	24.70	34.21	37.50	37.12	37.69	0.004255	1.97	13.60	11.68	0.54
Crocetta	Crocetta	14	P TR 200 3h	22.99	34.21	37.35	37.08	37.56	0.005645	2.09	11.83	11.68	0.61
Crocetta	Crocetta	14	P TR 30 1.5h	12.00	34.21	35.77	35.64	36.38	0.007994	3.44	3.49	6.23	0.88
Crocetta	Crocetta	13.5		Bridge									
Crocetta	Crocetta	13	A TR 200 1.5h	24.70	34.21	35.68	36.36	37.98	0.032954	6.71	3.68	6.04	1.77
Crocetta	Crocetta	13	A TR 200 3h	22.99	34.21	35.63	36.26	37.77	0.032432	6.49	3.54	5.92	1.74
Crocetta	Crocetta	13	A TR 30 1.5h	12.00	34.21	35.20	35.54	36.40	0.029394	4.86	2.47	5.00	1.56
Crocetta	Crocetta	13	P TR 200 1.5h	24.70	34.21	35.68	36.36	37.98	0.032954	6.71	3.68	6.04	1.77
Crocetta	Crocetta	13	P TR 200 3h	22.99	34.21	35.63	36.26	37.77	0.032432	6.49	3.54	5.92	1.74
Crocetta	Crocetta	13	P TR 30 1.5h	12.00	34.21	35.20	35.54	36.40	0.029394	4.86	2.47	5.00	1.56
Crocetta	Crocetta	12	A TR 200 1.5h	24.70	32.09	33.36	33.68	34.34	0.029726	4.51	5.95	7.92	1.46
Crocetta	Crocetta	12	A TR 200 3h	22.99	32.09	33.32	33.62	34.26	0.029824	4.42	5.63	7.70	1.45
Crocetta	Crocetta	12	A TR 30 1.5h	12.00	32.09	32.99	33.20	33.65	0.030405	3.61	3.43	5.99	1.40
Crocetta	Crocetta	12	P TR 200 1.5h	24.70	32.09	33.36	33.68	34.34	0.029726	4.51	5.95	7.92	1.46
Crocetta	Crocetta	12	P TR 200 3h	22.99	32.09	33.32	33.62	34.26	0.029824	4.42	5.63	7.70	1.45
Crocetta	Crocetta	12	P TR 30 1.5h	12.00	32.09	32.99	33.20	33.65	0.030404	3.61	3.43	5.99	1.40
Crocetta	Crocetta	11	A TR 200 1.5h	24.81	24.75	26.30	26.37	26.97	0.017769	3.61	6.87	6.08	1.09
Crocetta	Crocetta	11	A TR 200 3h	23.46	24.75	26.26	26.33	26.90	0.017652	3.54	6.62	6.03	1.08
Crocetta	Crocetta	11	A TR 30 1.5h	12.06	24.75	25.84	25.87	26.26	0.018026	2.90	4.16	5.52	1.07
Crocetta	Crocetta	11	P TR 200 1.5h	24.81	24.75	26.30	26.37	26.97	0.017769	3.61	6.87	6.08	1.09
Crocetta	Crocetta	11	P TR 200 3h	23.46	24.75	26.26	26.32	26.90	0.017652	3.54	6.62	6.03	1.08
Crocetta	Crocetta	11	P TR 30 1.5h	12.06	24.75	25.84	25.87	26.26	0.018026	2.90	4.16	5.52	1.07
Crocetta	Crocetta	10	A TR 200 1.5h	24.88	22.09	23.75	23.84	24.52	0.019893	3.88	6.42	5.07	1.10
Crocetta	Crocetta	10	A TR 200 3h	24.11	22.09	23.72	23.81	24.47	0.019725	3.83	6.29	5.03	1.09
Crocetta	Crocetta	10	A TR 30 1.5h	12.09	22.09	23.20	23.24	23.71	0.019624	3.16	3.82	4.30	1.07
Crocetta	Crocetta	10	P TR 200 1.5h	24.88	22.09	23.75	23.84	24.52	0.019893	3.88	6.42	5.07	1.10
Crocetta	Crocetta	10	P TR 200 3h	24.11	22.09	23.72	23.81	24.47	0.019725	3.83	6.29	5.03	1.09
Crocetta	Crocetta	10	P TR 30 1.5h	12.09	22.09	23.20	23.24	23.71	0.019624	3.16	3.82	4.30	1.07
Crocetta	Crocetta	9	A TR 200 1.5h	24.97	18.65	20.16	20.29	20.95	0.022027	3.94	6.34	5.37	1.16
Crocetta	Crocetta	9	A TR 200 3h	24.93	18.65	20.16	20.29	20.94	0.021897	3.93	6.34	5.37	1.15
Crocetta	Crocetta	9	A TR 30 1.5h	12.14	18.65	19.66	19.73	20.17	0.020965	3.16	3.85	4.73	1.12
Crocetta	Crocetta	9	P TR 200 1.5h	24.97	18.65	20.16	20.29	20.95	0.022027	3.94	6.34	5.37	1.16
Crocetta	Crocetta	9	P TR 200 3h	24.93	18.65	20.16	20.29	20.94	0.021896	3.93	6.34	5.37	1.15
Crocetta	Crocetta	9	P TR 30 1.5h	12.14	18.65	19.66	19.73	20.17	0.020964	3.16	3.85	4.73	1.12
Crocetta	Crocetta	8	A TR 200 1.5h	25.07	14.14	16.50	15.42	16.59	0.001343	1.34	18.72	10.50	0.32
Crocetta	Crocetta	8	A TR 200 3h	25.92	14.14	16.52	15.44	16.62	0.001379	1.37	18.99	10.53	0.32
Crocetta	Crocetta	8	A TR 30 1.5h	12.19	14.14	16.05	14.95	16.09	0.000704	0.86	14.21	9.86	0.23
Crocetta	Crocetta	8	P TR 200 1.5h	25.07	14.14	16.50	15.42	16.59	0.001343	1.34	18.72	10.50	0.32
Crocetta	Crocetta	8	P TR 200 3h	25.92	14.14	16.52	15.44	16.62	0.001379	1.37	18.99	10.53	0.32
Crocetta	Crocetta	8	P TR 30 1.5h	12.19	14.14	16.05	14.95	16.09	0.000704	0.86	14.21	9.86	0.23
Crocetta	Crocetta	7.95		Inl Struct									
Crocetta	Crocetta	7.9	A TR 200 1.5h	25.07	14.14	16.20	15.42	16.33	0.002236	1.60	15.68	10.07	0.41

River	Reach	River Sta	Plan	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
Crocetta	Crocetta	7.9	A TR 200 3h	25.92	14.14	16.25	15.44	16.38	0.002173	1.60	16.21	10.15	0.40
Crocetta	Crocetta	7.9	A TR 30 1.5h	12.19	14.14	15.43	14.95	15.54	0.003296	1.45	8.39	8.83	0.48
Crocetta	Crocetta	7.9	P TR 200 1.5h	25.07	14.14	16.22	15.42	16.35	0.002159	1.58	15.87	10.10	0.40
Crocetta	Crocetta	7.9	P TR 200 3h	25.92	14.14	16.25	15.44	16.38	0.002173	1.60	16.21	10.15	0.40
Crocetta	Crocetta	7.9	P TR 30 1.5h	12.19	14.14	15.44	14.95	15.55	0.003223	1.44	8.47	8.88	0.47
Crocetta	Crocetta	7	A TR 200 1.5h	25.09	14.04	15.81	15.50	16.29	0.008770	3.06	8.19	5.84	0.74
Crocetta	Crocetta	7	A TR 200 3h	26.01	14.04	15.85	15.54	16.34	0.008783	3.10	8.39	5.87	0.74
Crocetta	Crocetta	7	A TR 30 1.5h	12.20	14.04	15.17	14.96	15.45	0.008535	2.37	5.15	5.30	0.73
Crocetta	Crocetta	7	P TR 200 1.5h	25.09	14.04	15.81	15.50	16.29	0.008770	3.06	8.19	5.84	0.74
Crocetta	Crocetta	7	P TR 200 3h	26.01	14.04	15.85	15.54	16.34	0.008783	3.10	8.39	5.87	0.74
Crocetta	Crocetta	7	P TR 30 1.5h	12.20	14.04	15.17	14.96	15.45	0.008535	2.37	5.15	5.30	0.73
Crocetta	Crocetta	6.5		Bridge									
Crocetta	Crocetta	6	A TR 200 1.5h	25.09	14.04	15.10	15.48	16.43	0.048927	5.11	4.91	4.62	1.58
Crocetta	Crocetta	6	A TR 200 3h	26.01	14.04	15.13	15.52	16.49	0.048498	5.16	5.05	4.62	1.57
Crocetta	Crocetta	6	A TR 30 1.5h	11.96	14.04	14.70	14.92	15.48	0.045298	3.91	3.06	4.62	1.53
Crocetta	Crocetta	6	P TR 200 1.5h	25.09	14.04	15.10	15.48	16.43	0.048927	5.11	4.91	4.62	1.58
Crocetta	Crocetta	6	P TR 200 3h	26.01	14.04	15.13	15.52	16.49	0.048498	5.16	5.05	4.62	1.57
Crocetta	Crocetta	6	P TR 30 1.5h	12.08	14.04	14.71	14.93	15.49	0.045401	3.92	3.08	4.62	1.53
Crocetta	Crocetta	5	A TR 200 1.5h	25.09	13.32	14.83	14.68	15.26	0.011934	2.91	8.63	6.88	0.83
Crocetta	Crocetta	5	A TR 200 3h	26.06	13.32	14.86	14.71	15.30	0.011960	2.95	8.84	6.88	0.83
Crocetta	Crocetta	5	A TR 30 1.5h	12.04	13.32	14.50	14.25	14.68	0.006942	1.90	6.35	6.88	0.63
Crocetta	Crocetta	5	P TR 200 1.5h	25.09	13.32	14.83	14.68	15.26	0.011934	2.91	8.63	6.88	0.83
Crocetta	Crocetta	5	P TR 200 3h	26.06	13.32	14.86	14.71	15.30	0.011960	2.95	8.84	6.88	0.83
Crocetta	Crocetta	5	P TR 30 1.5h	12.07	13.32	14.50	14.25	14.68	0.006877	1.89	6.38	6.88	0.63
Crocetta	Crocetta	4.5		Bridge									
Crocetta	Crocetta	4	A TR 200 1.5h	25.09	13.12	14.51	14.48	15.01	0.012361	3.12	8.03	7.89	0.95
Crocetta	Crocetta	4	A TR 200 3h	26.06	13.12	14.55	14.51	15.05	0.012117	3.15	8.28	7.89	0.94
Crocetta	Crocetta	4	A TR 30 1.5h	12.54	13.12	14.09	14.06	14.41	0.013380	2.54	4.95	7.44	0.95
Crocetta	Crocetta	4	P TR 200 1.5h	25.09	13.12	14.51	14.48	15.01	0.012459	3.13	8.01	7.89	0.96
Crocetta	Crocetta	4	P TR 200 3h	26.06	13.12	14.55	14.51	15.05	0.012117	3.15	8.28	7.89	0.94
Crocetta	Crocetta	4	P TR 30 1.5h	12.47	13.12	14.08	14.06	14.41	0.013458	2.53	4.92	7.44	0.96
Crocetta	Crocetta	3	A TR 200 1.5h	25.14	11.29	12.99	13.11	13.69	0.020712	3.69	6.81	6.67	1.16
Crocetta	Crocetta	3	A TR 200 3h	26.57	11.29	13.04	13.17	13.75	0.020319	3.74	7.12	6.80	1.15
Crocetta	Crocetta	3	A TR 30 1.5h	12.79	11.29	12.49	12.55	13.01	0.020105	3.18	4.03	4.63	1.09
Crocetta	Crocetta	3	P TR 200 1.5h	25.14	11.29	12.99	13.11	13.69	0.020712	3.69	6.81	6.67	1.16
Crocetta	Crocetta	3	P TR 200 3h	26.57	11.29	13.04	13.17	13.75	0.020319	3.74	7.12	6.80	1.15
Crocetta	Crocetta	3	P TR 30 1.5h	12.77	11.29	12.49	12.55	13.01	0.020108	3.17	4.02	4.63	1.09
Crocetta	Crocetta	2	A TR 200 1.5h	25.19	9.33	11.11	11.14	11.72	0.015440	3.44	7.33	6.47	1.03
Crocetta	Crocetta	2	A TR 200 3h	27.04	9.33	11.17	11.21	11.80	0.015514	3.50	7.72	6.62	1.04
Crocetta	Crocetta	2	A TR 30 1.5h	13.25	9.33	10.65	10.64	11.07	0.014821	2.87	4.62	5.27	0.98
Crocetta	Crocetta	2	P TR 200 1.5h	25.19	9.33	11.11	11.14	11.72	0.015440	3.44	7.33	6.47	1.03
Crocetta	Crocetta	2	P TR 200 3h	27.04	9.33	11.17	11.21	11.80	0.015514	3.50	7.72	6.62	1.04
Crocetta	Crocetta	2	P TR 30 1.5h	13.24	9.33	10.65	10.64	11.07	0.014827	2.87	4.62	5.27	0.98
Crocetta	Crocetta	1	A TR 200 1.5h	23.40	6.93	8.40	8.26	8.78	0.009683	2.72	8.61	7.92	0.83
Crocetta	Crocetta	1	A TR 200 3h	27.04	6.93	8.52	8.37	8.93	0.009683	2.84	9.53	8.17	0.84
Crocetta	Crocetta	1	A TR 30 1.5h	13.21	6.93	8.00	7.91	8.28	0.010861	2.37	5.56	7.02	0.85
Crocetta	Crocetta	1	P TR 200 1.5h	25.00	6.93	8.39	8.31	8.83	0.011519	2.95	8.48	7.89	0.91
Crocetta	Crocetta	1	P TR 200 3h	27.04	6.93	8.52	8.37	8.93	0.009683	2.84	9.53	8.17	0.84
Crocetta	Crocetta	1	P TR 30 1.5h	13.20	6.93	7.98	7.91	8.28	0.011346	2.41	5.48	6.99	0.87
Crocetta	Crocetta	0.9	A TR 200 1.5h	23.07	6.45	8.35	7.85	8.58	0.004680	2.13	10.84	7.84	0.58
Crocetta	Crocetta	0.9	A TR 200 3h	27.04	6.45	8.46	7.98	8.73	0.005268	2.32	11.66	8.06	0.62
Crocetta	Crocetta	0.9	A TR 30 1.5h	13.13	6.45	7.95	7.47	8.10	0.003682	1.67	7.88	7.02	0.50
Crocetta	Crocetta	0.9	P TR 200 1.5h	18.85	6.45	8.37	7.70	8.52	0.003053	1.72	10.94	7.87	0.47
Crocetta	Crocetta	0.9	P TR 200 3h	27.04	6.45	8.46	7.98	8.73	0.005268	2.32	11.66	8.06	0.62
Crocetta	Crocetta	0.9	P TR 30 1.5h	13.13	6.45	7.95	7.47	8.09	0.003699	1.67	7.86	7.01	0.50

River	Reach	River Sta	Plan	Q US (m3/s)	Q Leaving Total (m3/s)	Q DS (m3/s)	Q Weir (m3/s)	Q Gates (m3/s)	Wr Top Width (m)	Weir Max Depth (m)	Weir Avg Depth (m)	Min El Weir Flow (m)	E.G. US. (m)	W.S. US. (m)	E.G. DS (m)	W.S. DS (m)
Iurco	Iurco	13.99	A TR 200 1.5h	20.74	3.91	16.96	3.91		13.78	0.57	0.28	12.23	16.87	14.91	12.91	12.80
Iurco	Iurco	13.99	A TR 200 3h	15.70	0.00	15.94	0.00					12.23	16.28	14.74	12.17	11.88
Iurco	Iurco	13.99	A TR 30 1.5h	12.75	0.00	12.85	0.00					12.23	15.92	14.63	11.89	11.59
Iurco	Iurco	13.99	P TR 200 1.5h	20.74	0.00	20.88	0.00					12.23	16.87	14.91	12.36	11.83
Iurco	Iurco	13.99	P TR 200 3h	15.70	0.00	15.94	0.00					12.23	16.28	14.74	12.04	11.59
Iurco	Iurco	13.99	P TR 30 1.5h	12.75	0.00	12.85	0.00					12.23	15.92	14.63	11.89	11.59
Iurco	Iurco	11.99	A TR 200 1.5h	16.94	-3.85	20.69	-3.85		19.26	0.44	0.22	8.80	11.83	11.19	8.90	8.44
Iurco	Iurco	11.99	A TR 200 3h	15.94	0.00	16.25	0.00					8.80	11.77	11.15	8.73	8.45
Iurco	Iurco	11.99	A TR 30 1.5h	12.85	0.00	12.92	0.00					8.80	11.56	11.02	8.43	8.05
Iurco	Iurco	11.99	P TR 200 1.5h	20.88	0.00	20.84	0.00					8.80	12.07	11.35	8.90	8.43
Iurco	Iurco	11.99	P TR 200 3h	15.94	0.00	16.26	0.00					8.80	11.77	11.15	8.73	8.45
Iurco	Iurco	11.99	P TR 30 1.5h	12.85	0.00	12.92	0.00					8.80	11.56	11.02	8.42	8.04
Iurco	Iurco_valle	8.46	A TR 200 1.5h	47.37	3.90	47.85	3.90		86.85	0.45	0.32	4.57	6.27	5.69	5.20	4.77
Iurco	Iurco_valle	8.46	A TR 200 3h	49.13	4.95	49.37	4.95		88.19	0.53	0.37	4.57	6.31	5.72	5.26	4.82
Iurco	Iurco_valle	8.46	A TR 30 1.5h	31.53	0.00	31.88	0.00					4.57	5.82	5.37	4.50	4.21
Iurco	Iurco_valle	8.46	P TR 30 1.5h	31.53	0.00	31.88	0.00					4.57	5.82	5.37	4.50	4.21

Storage Area	Plan	W.S. Elev (m)	SA Min El (m)	Net Flux (m3/s)	SA Area (1000 m2)	SA Volume (1000 m3)
CR_1	A TR 200 1.5h	4.98	4.50	3.90	1.24	0.59
CR_1	A TR 200 3h	5.04	4.50	4.95	2.94	0.75
CR_1	A TR 30 1.5h	4.50	4.50	0.00	1.24	0.00
CR_1	P TR 30 1.5h	4.50	4.50	0.00	1.24	0.00
IU_1	A TR 200 1.5h	9.24	7.69	0.06	2.66	1.34
IU_1	A TR 200 3h	7.69	7.69	0.00	0.05	0.00
IU_1	A TR 30 1.5h	7.69	7.69	0.00	0.05	0.00
IU_1	P TR 200 1.5h	7.69	7.69	0.00	0.05	0.00
IU_1	P TR 200 3h	7.69	7.69	0.00	0.05	0.00
IU_1	P TR 30 1.5h	7.69	7.69	0.00	0.05	0.00