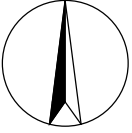
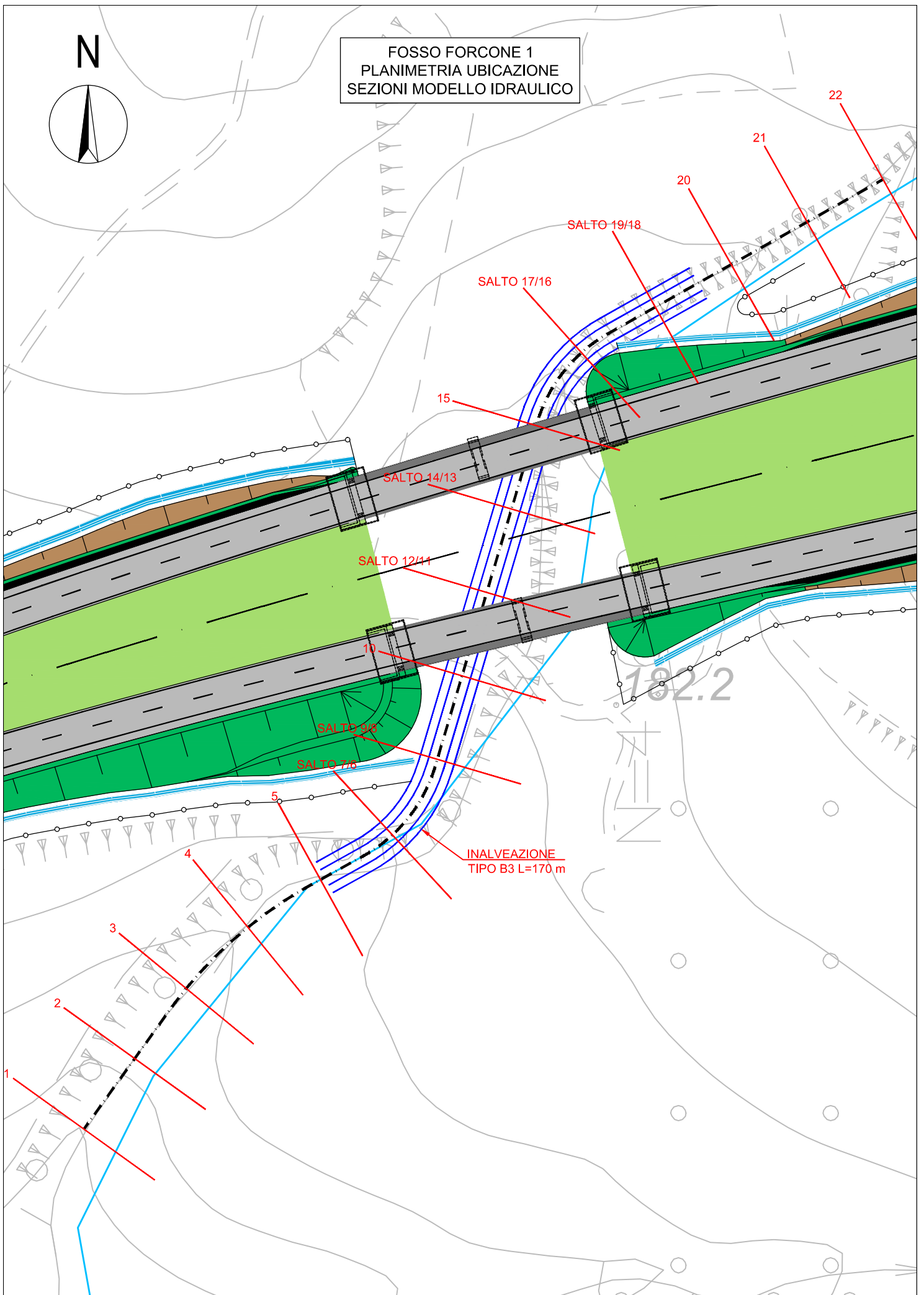


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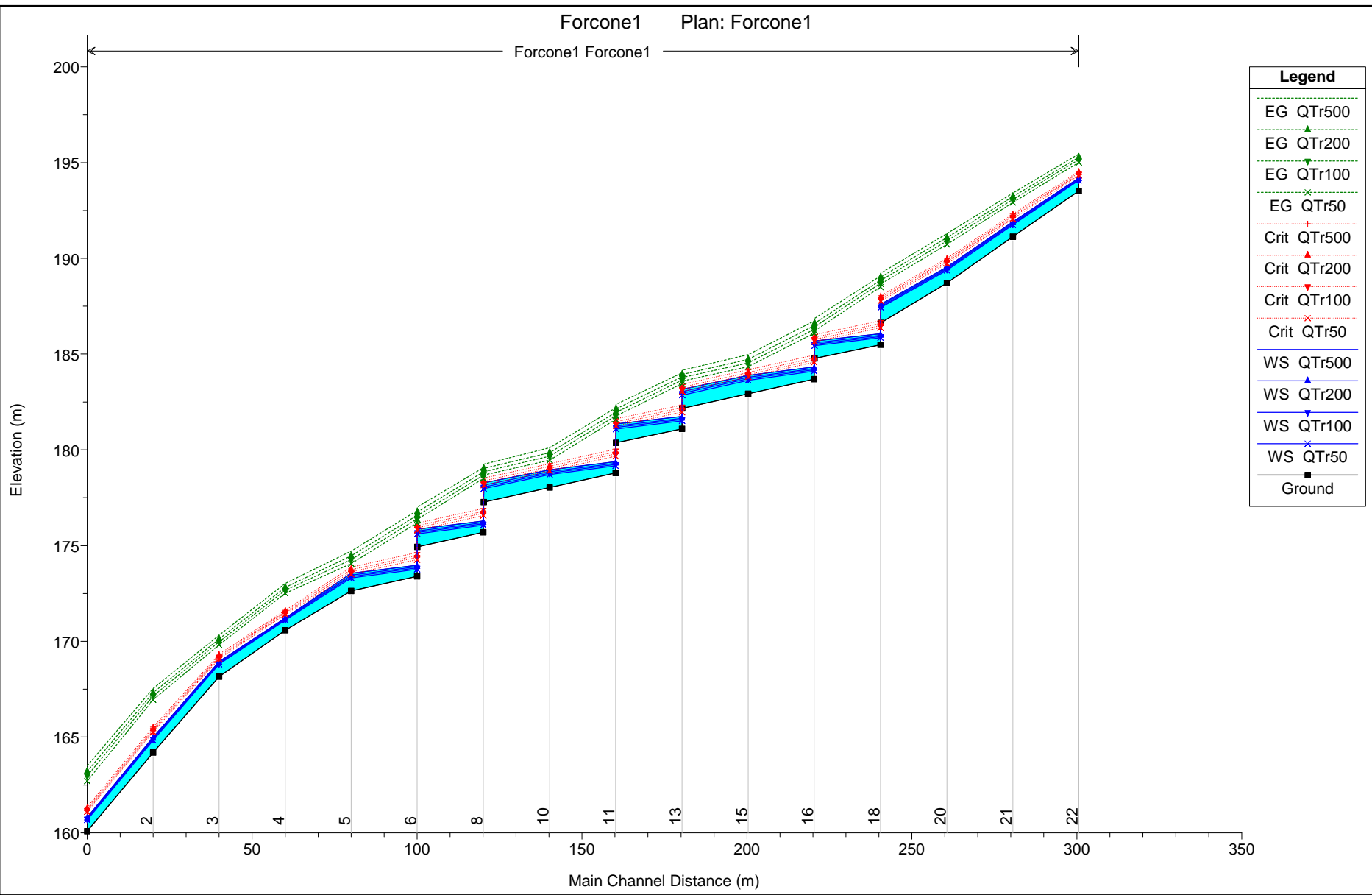


FOSSO FORCONE 1
PLANIMETRIA UBICAZIONE
SEZIONI MODELLO IDRAULICO



Forcone1 Plan: Forcone1

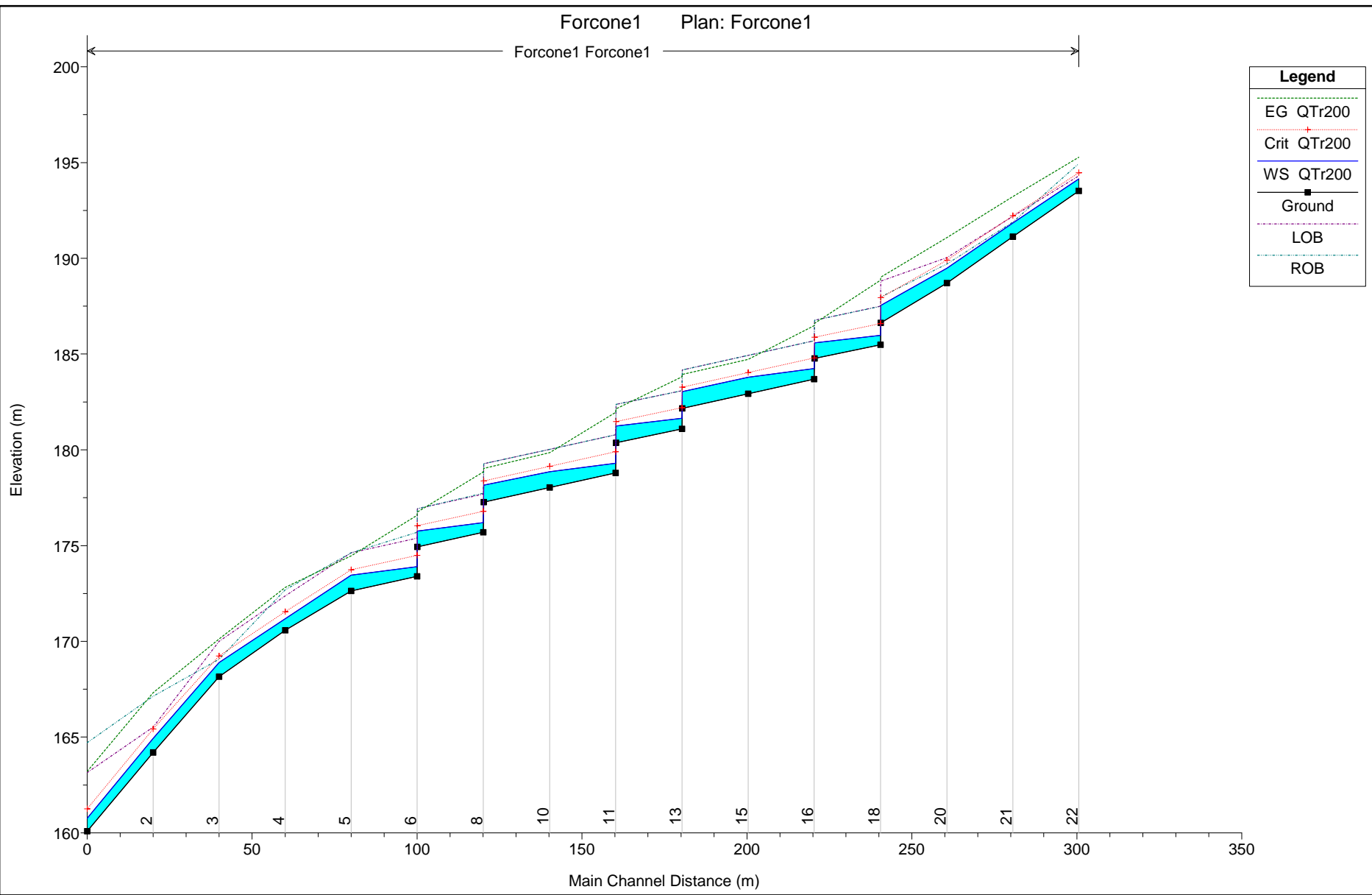
Forcone1 Forcone1



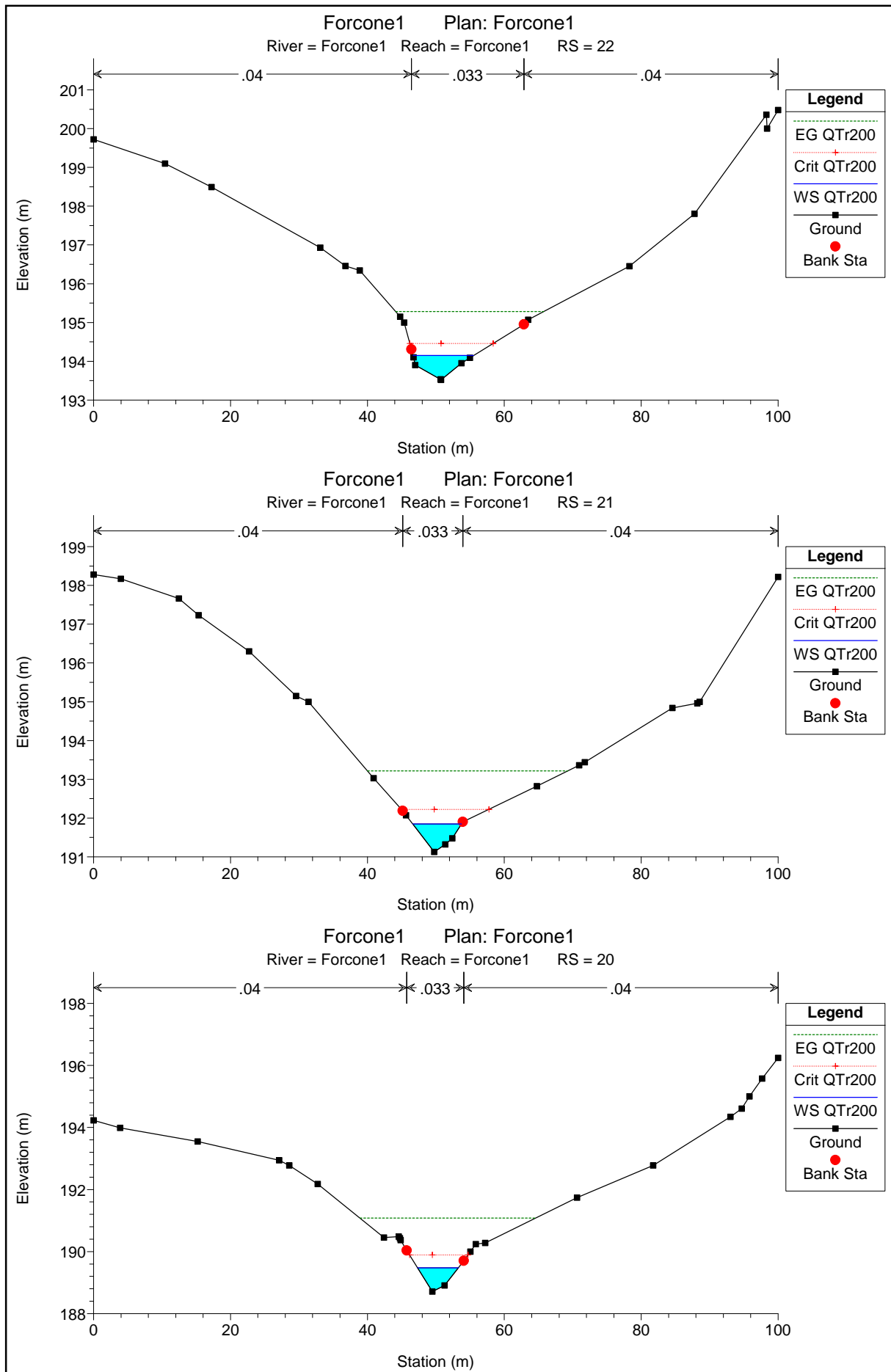
Legend	
EG QTr500	▲
EG QTr200	▼
EG QTr100	×
EG QTr50	×
Crit QTr500	+
Crit QTr200	▲
Crit QTr100	▼
Crit QTr50	×
WS QTr500	—
WS QTr200	▲
WS QTr100	▼
WS QTr50	×
Ground	■

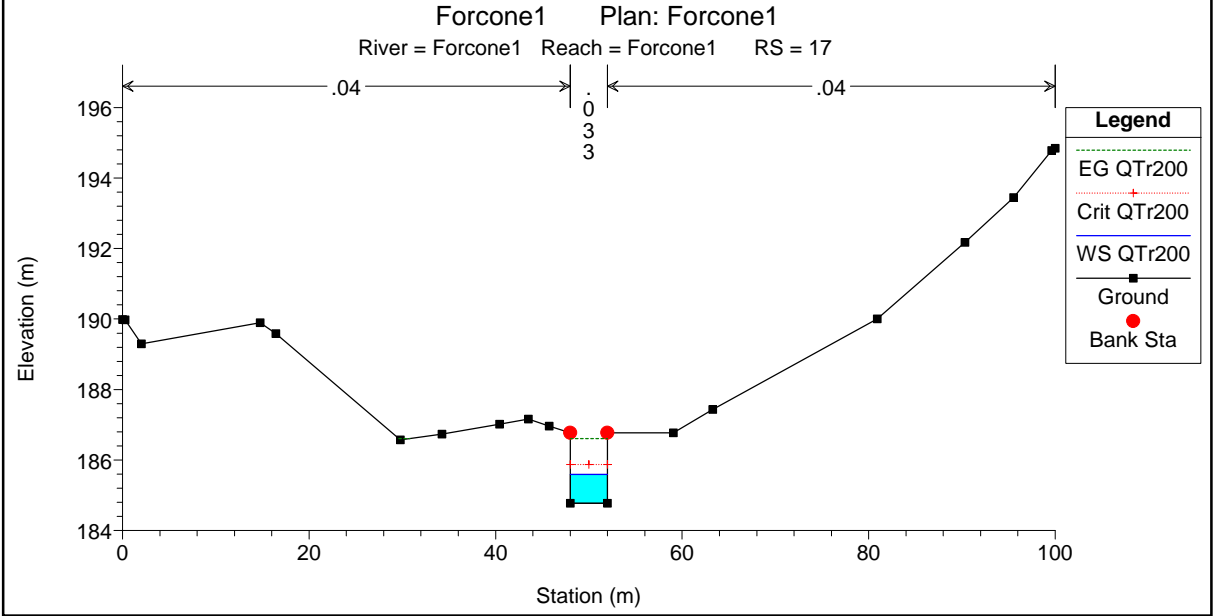
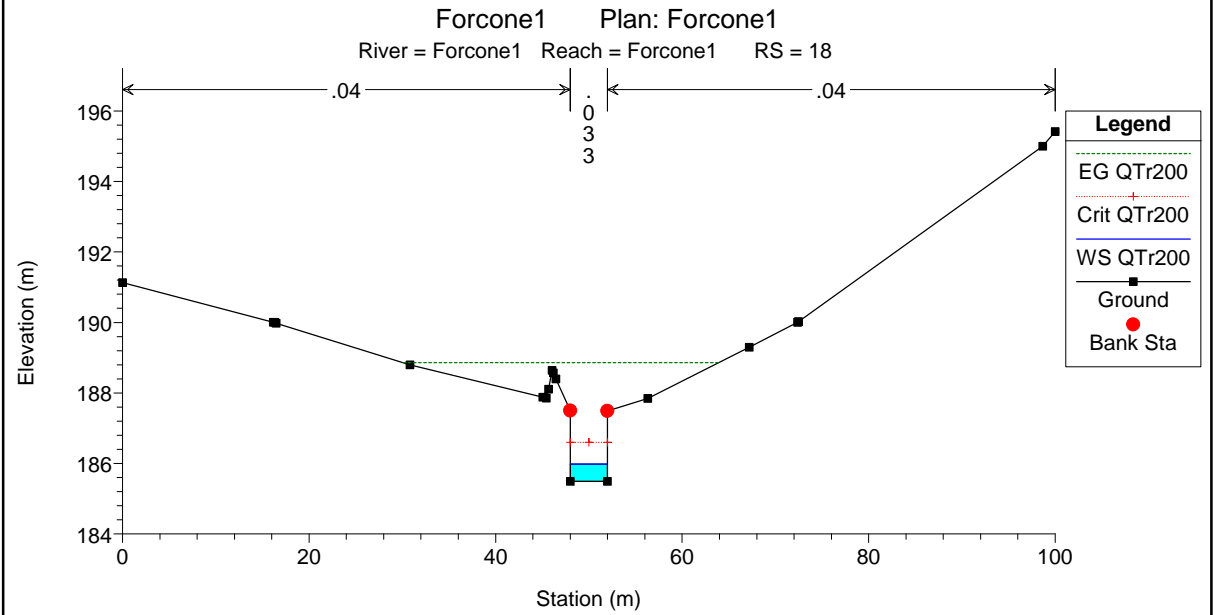
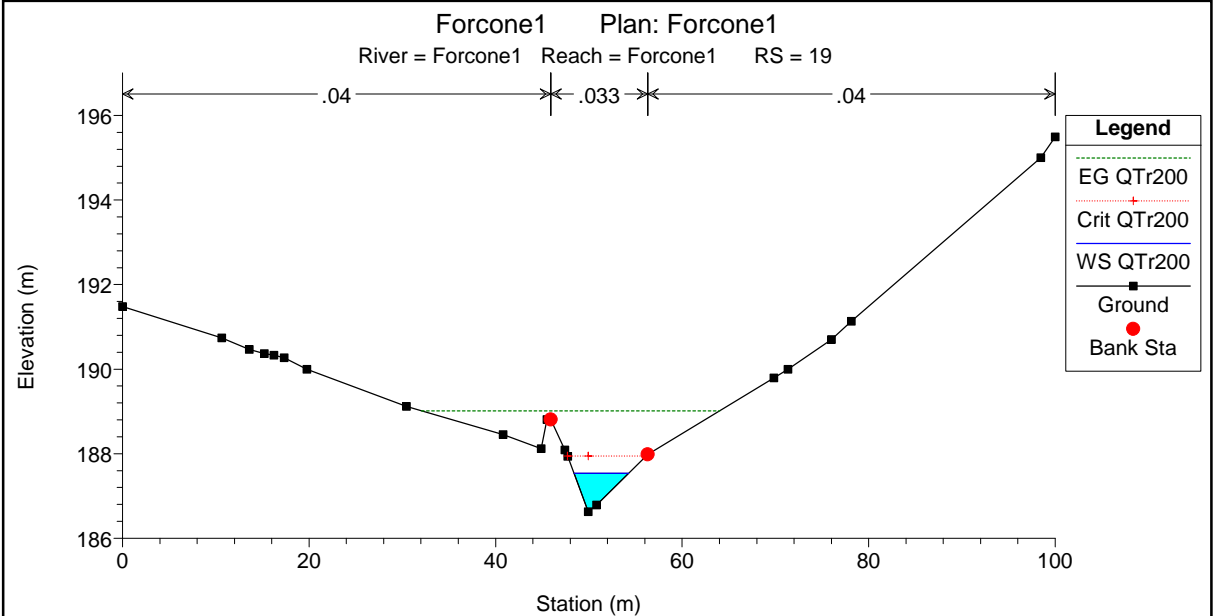
Forcone1 Plan: Forcone1

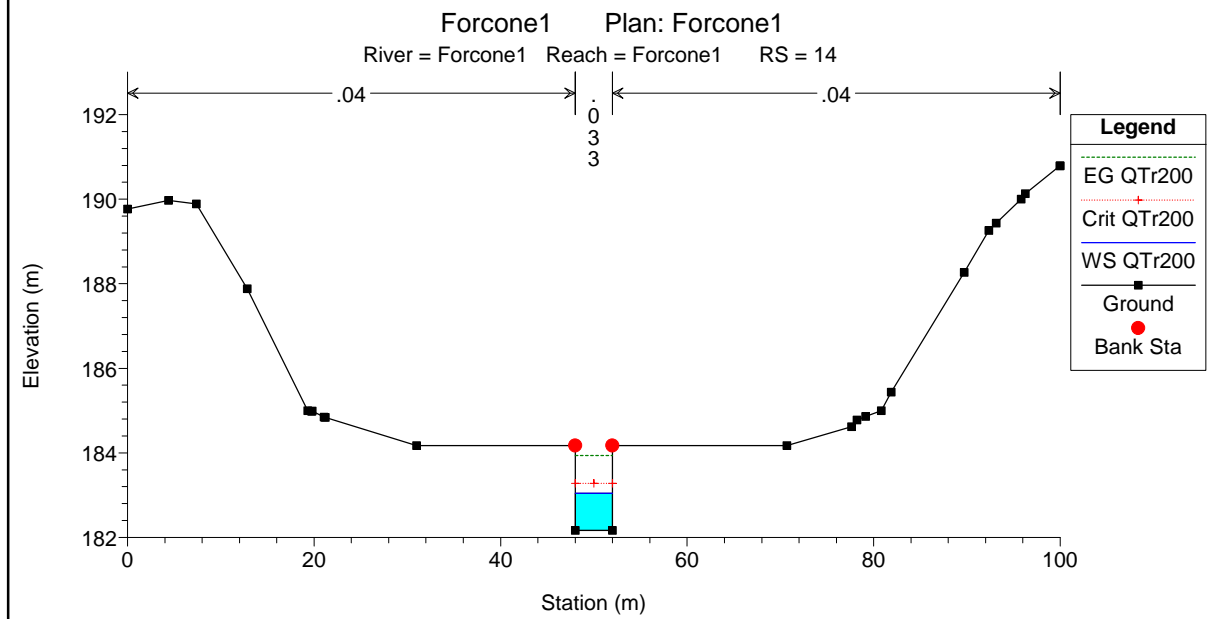
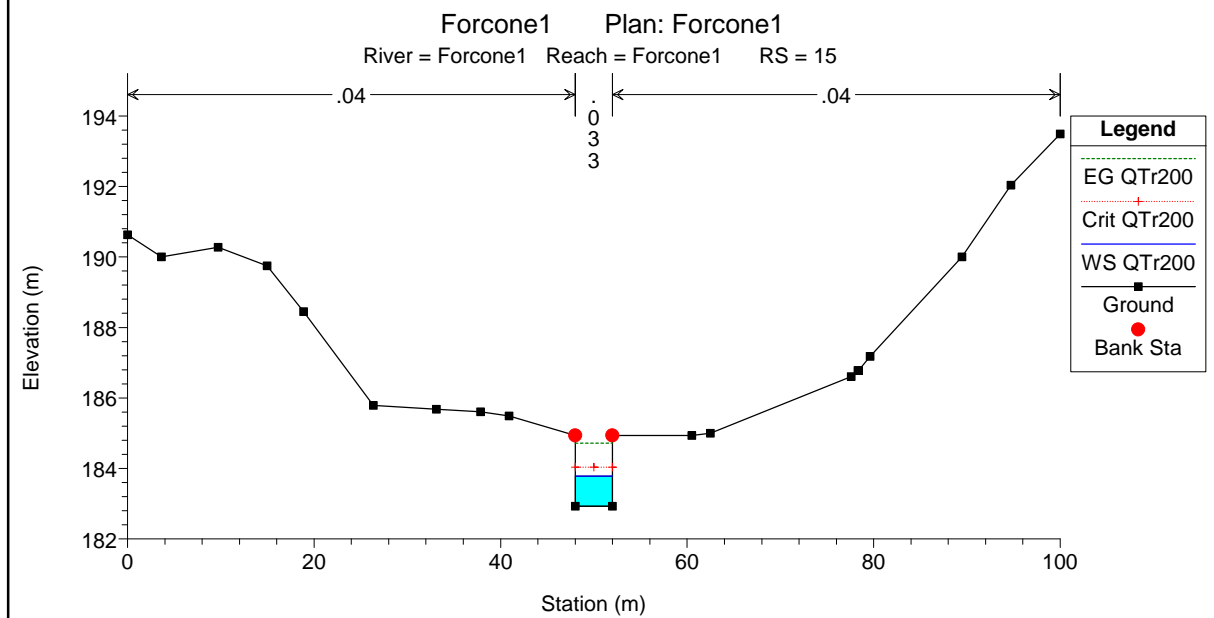
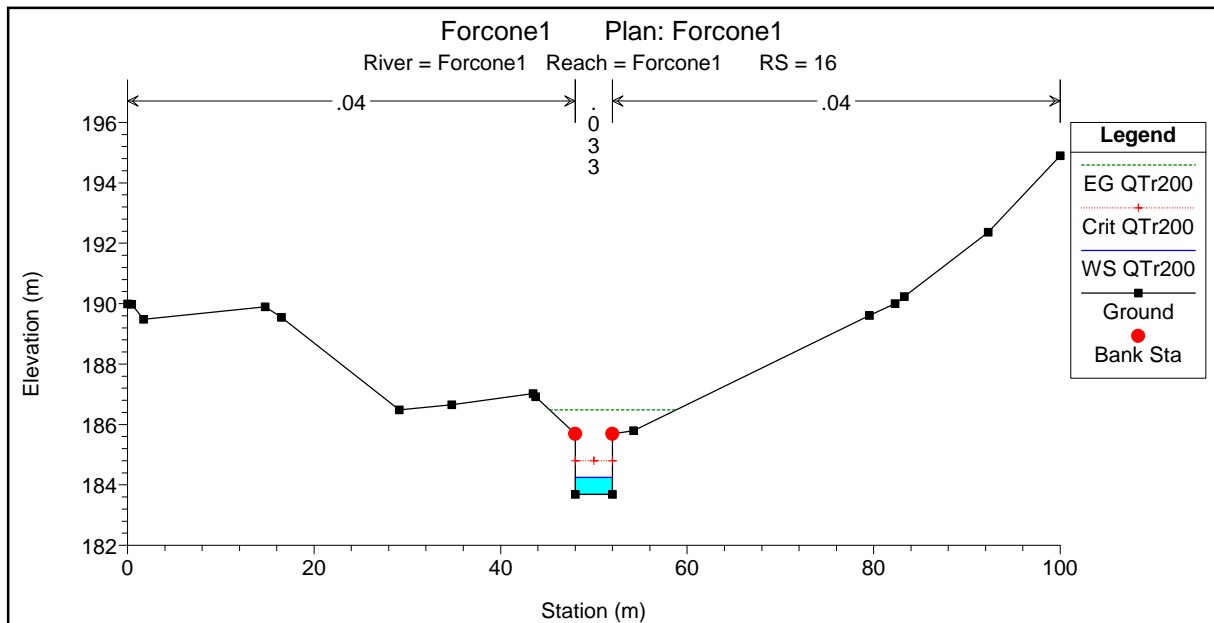
Forcone1 Forcone1

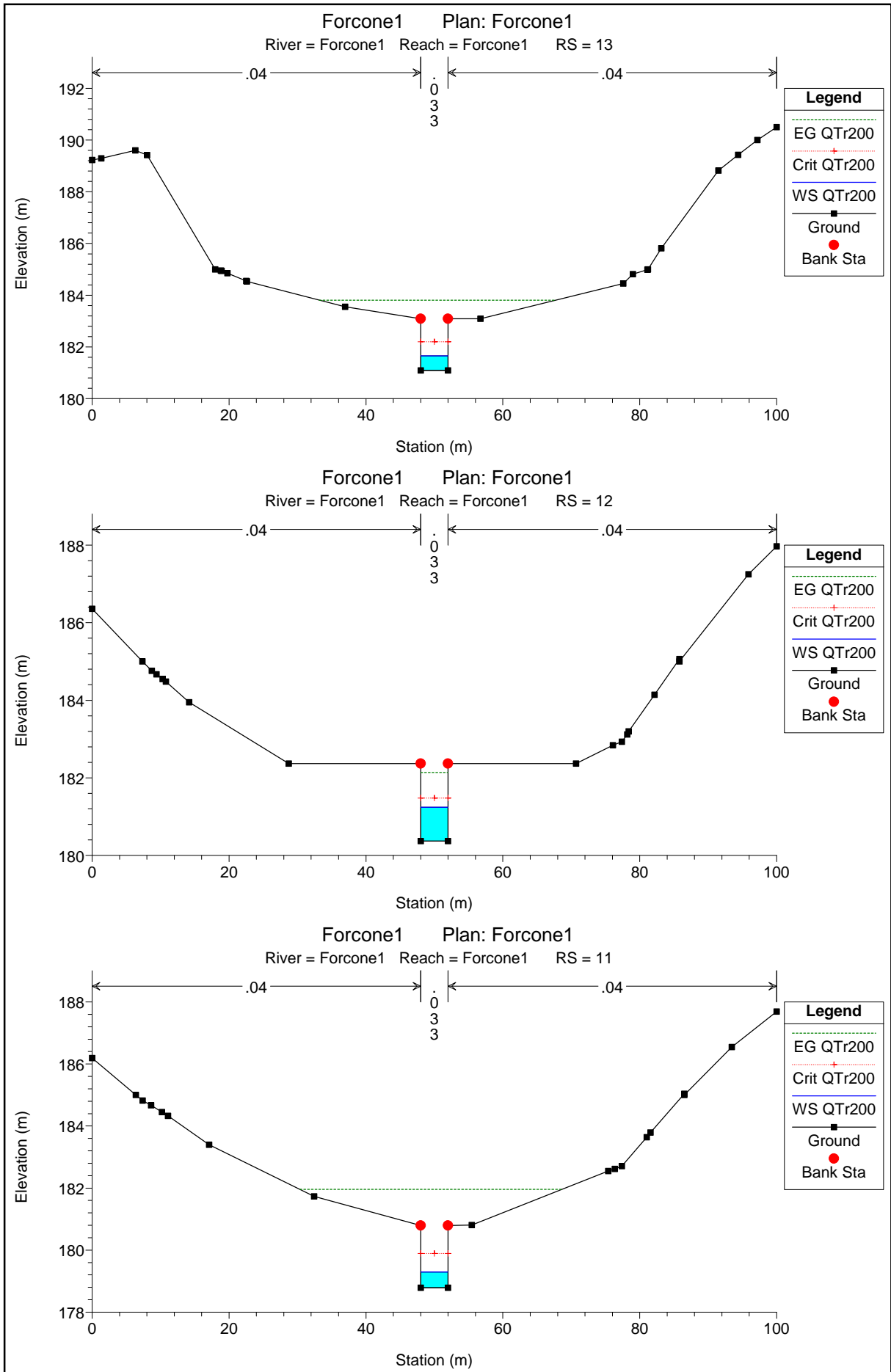


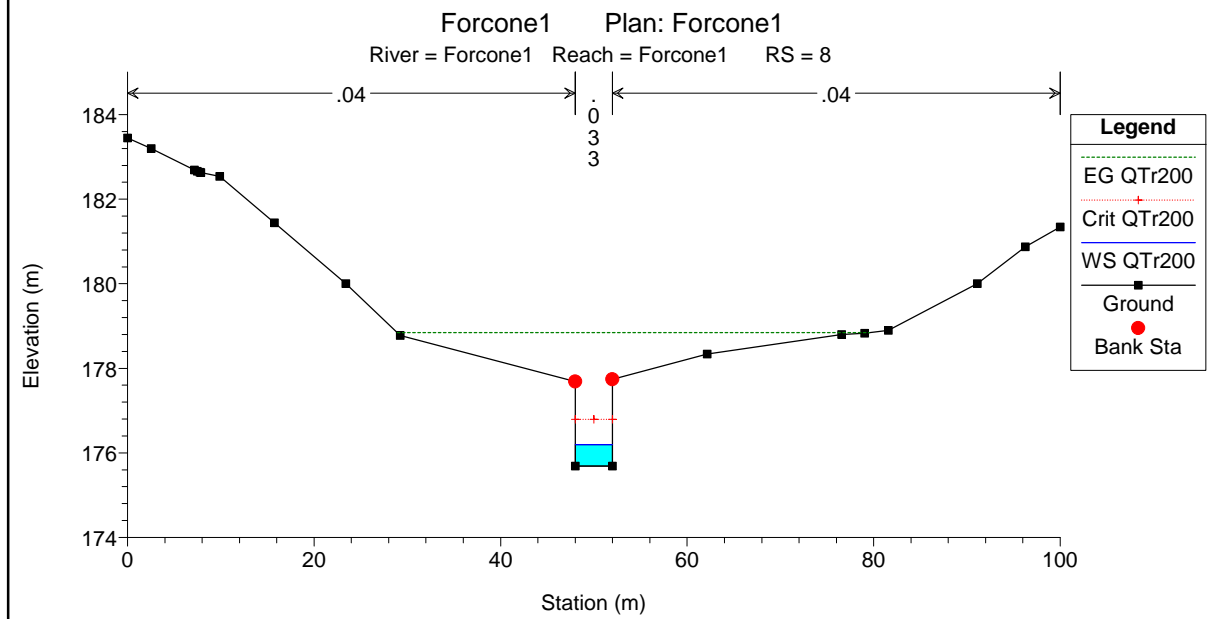
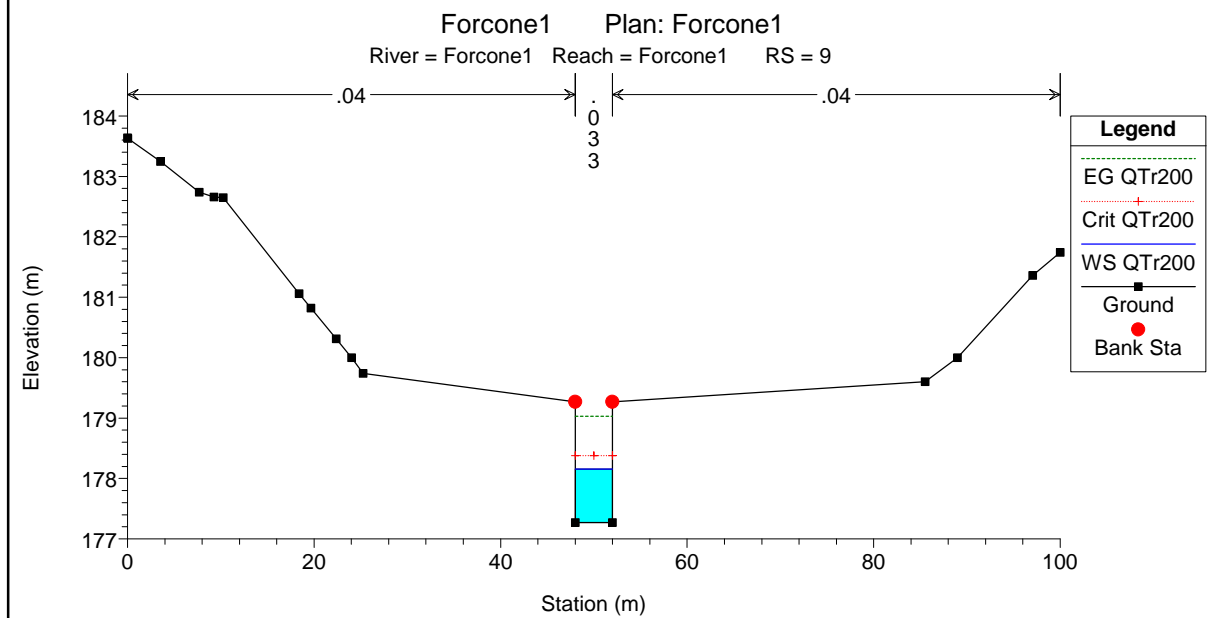
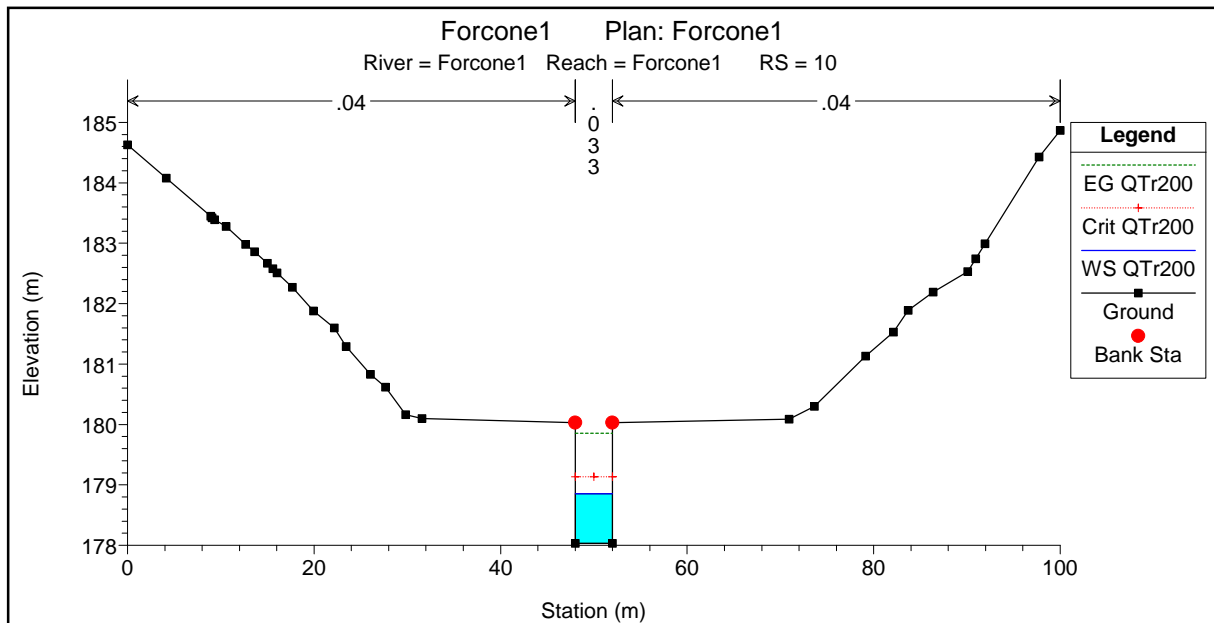
Legend	
EG QTr200	(Green dashed line)
Crit QTr200	(Red dashed line with + markers)
WS QTr200	(Blue solid line)
Ground	(Black solid line with square markers)
LOB	(Purple dashed line)
ROB	(Cyan dashed line)

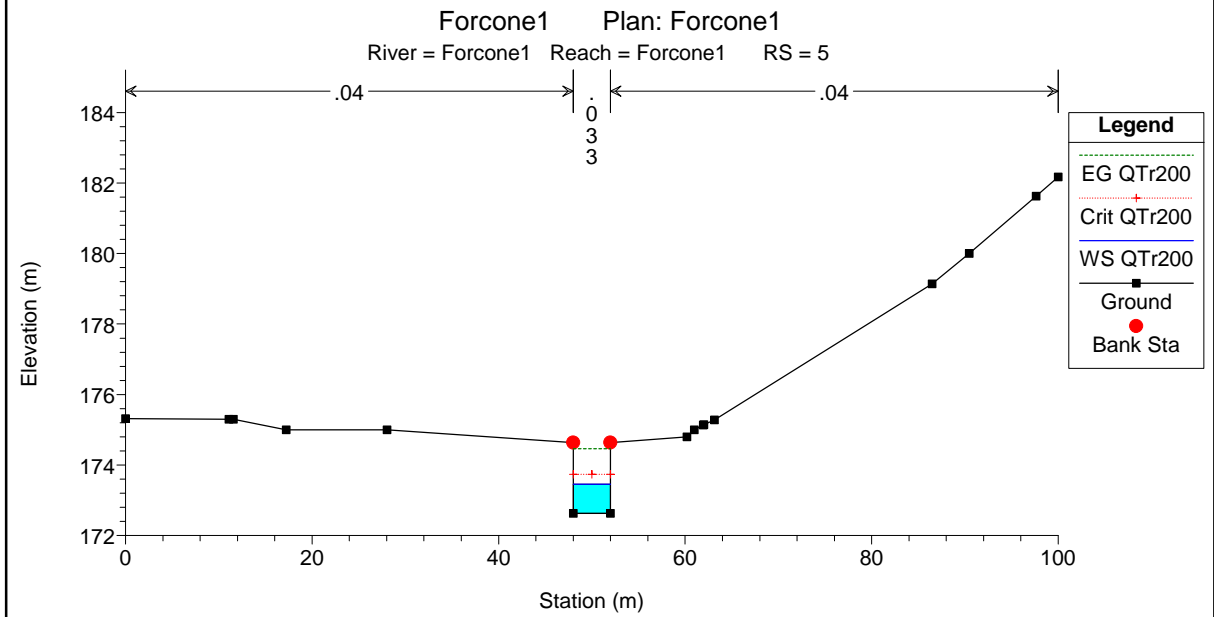
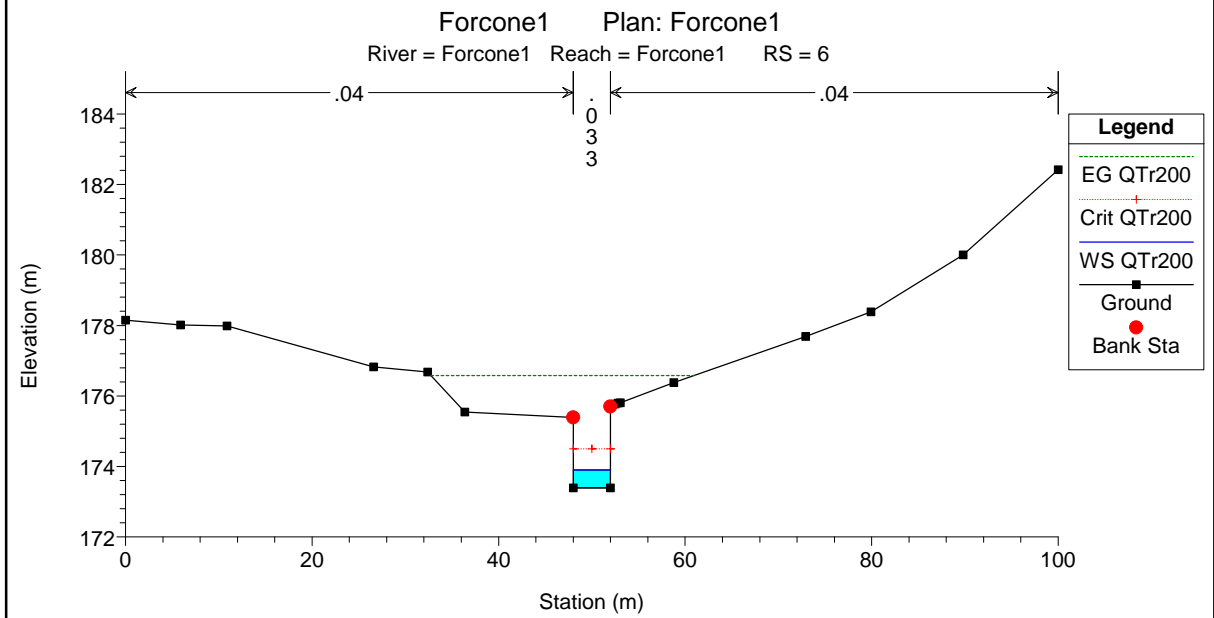
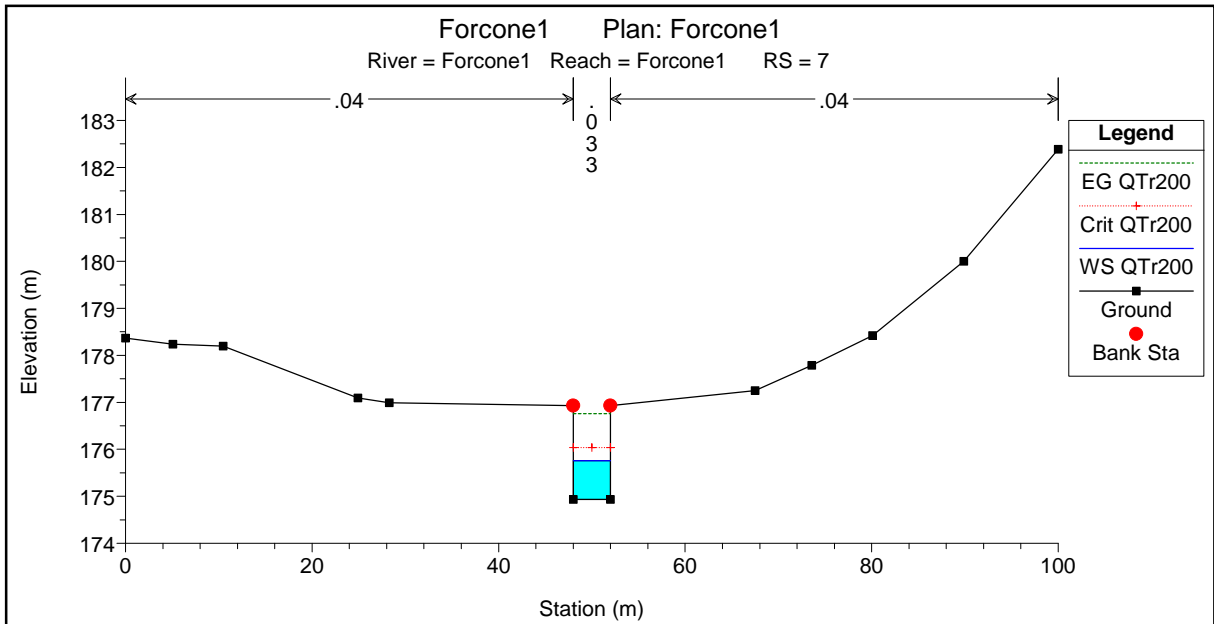


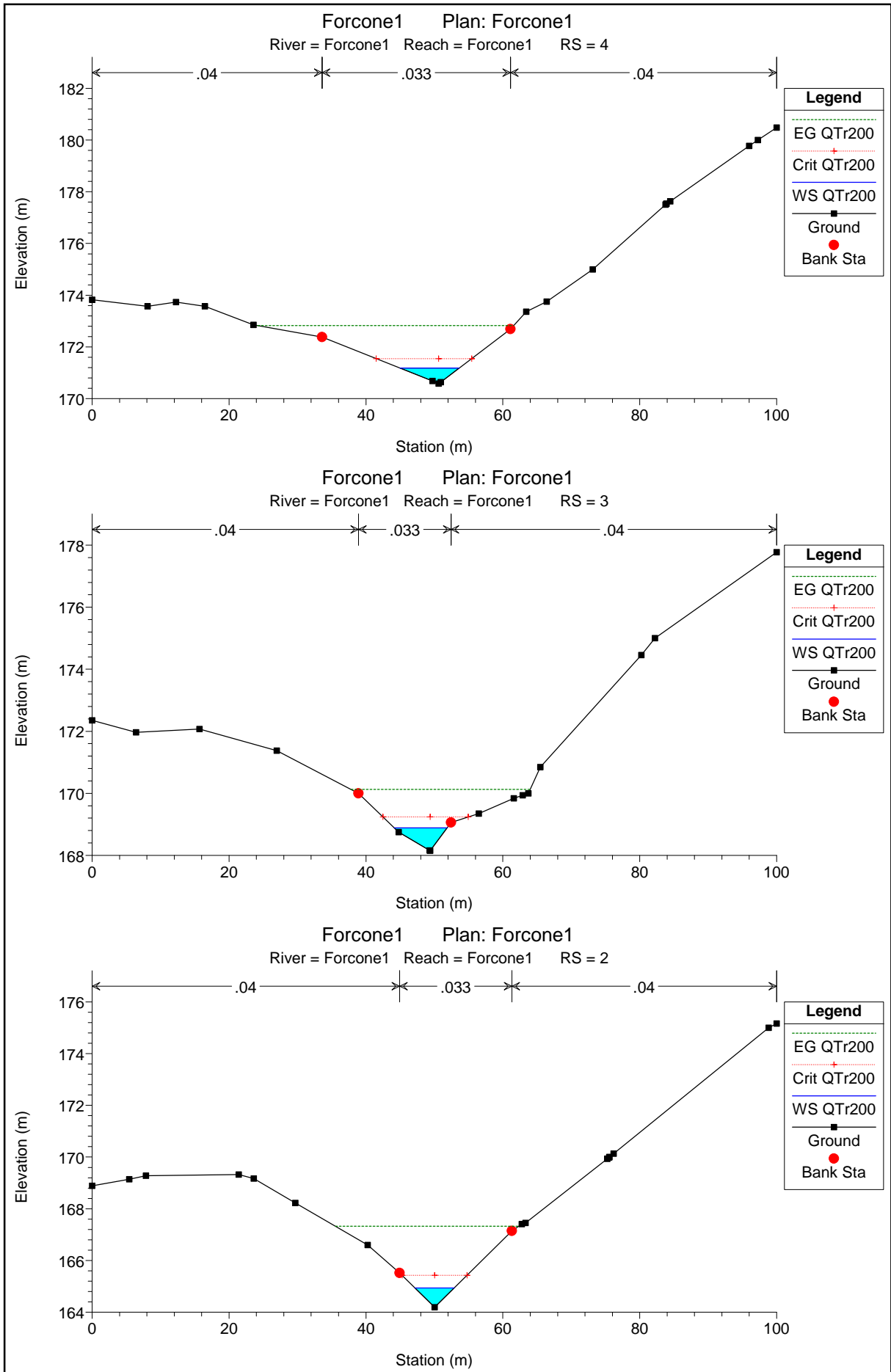






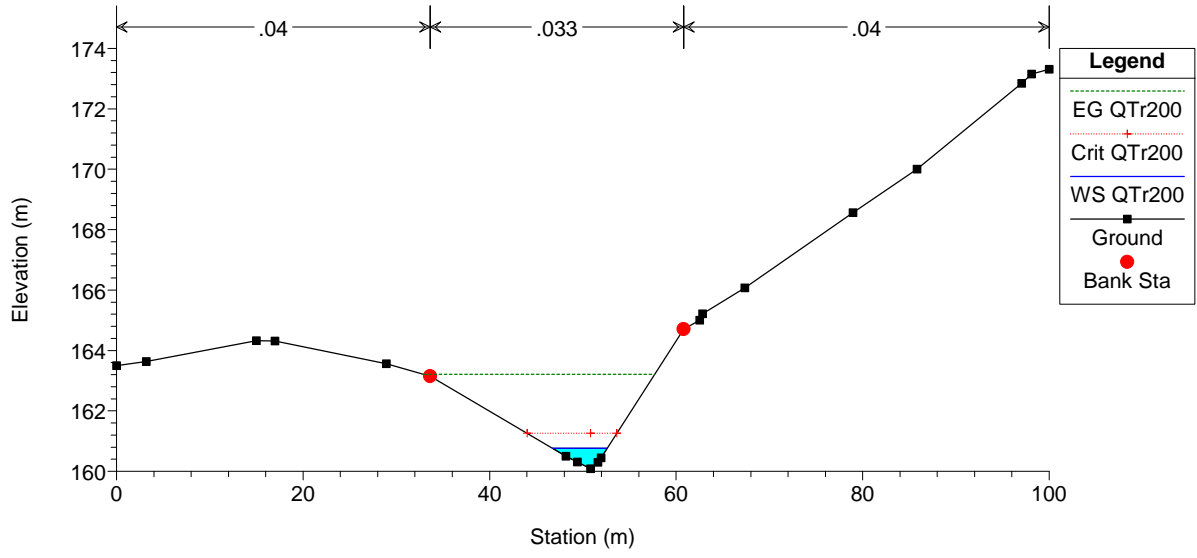






Forcone1 Plan: Forcone1

River = Forcone1 Reach = Forcone1 RS = 1



HEC-RAS Plan: Forcone1 River: Forcone1 Reach: Forcone1 Profile: QTr500

Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Forcone1	22	QTr500	17.58	193.52	194.20	194.54	195.45	0.100085	4.96	3.55	9.37	2.57
Forcone1	21	QTr500	17.58	191.13	191.90	192.31	193.40	0.102333	5.43	3.24	7.60	2.65
Forcone1	20	QTr500	17.58	188.71	189.54	190.00	191.29	0.106901	5.85	3.00	6.38	2.72
Forcone1	19	QTr500	17.58	186.63	187.60	188.05	189.23	0.095825	5.66	3.11	6.26	2.56
Forcone1	18	QTr500	17.58	185.49	186.06	186.74	189.08	0.190365	7.70	2.28	4.00	3.25
Forcone1	17	QTr500	17.58	184.77	185.69	186.02	186.86	0.046539	4.80	3.67	4.00	1.60
Forcone1	16	QTr500	17.58	183.69	184.33	184.94	186.73	0.134424	6.86	2.56	4.00	2.74
Forcone1	15	QTr500	17.58	182.93	183.88	184.18	184.97	0.041378	4.61	3.82	4.00	1.51
Forcone1	14	QTr500	17.58	182.17	183.16	183.42	184.16	0.036791	4.42	3.97	4.00	1.42
Forcone1	13	QTr500	17.58	181.09	181.75	182.34	184.03	0.124528	6.69	2.63	4.00	2.63
Forcone1	12	QTr500	17.58	180.37	181.35	181.62	182.38	0.038631	4.50	3.91	4.00	1.45
Forcone1	11	QTr500	17.58	178.79	179.38	180.04	182.19	0.170739	7.43	2.37	4.00	3.08
Forcone1	10	QTr500	17.58	178.03	178.95	179.28	180.11	0.045707	4.77	3.69	4.00	1.58
Forcone1	9	QTr500	17.58	177.27	178.27	178.52	179.25	0.035900	4.39	4.01	4.00	1.40
Forcone1	8	QTr500	17.58	175.69	176.29	176.94	179.06	0.167847	7.38	2.38	4.00	3.06
Forcone1	7	QTr500	17.58	174.93	175.85	176.18	177.01	0.045378	4.75	3.70	4.00	1.58
Forcone1	6	QTr500	17.58	173.39	173.98	174.64	176.83	0.174417	7.48	2.35	4.00	3.11
Forcone1	5	QTr500	17.58	172.63	173.55	173.88	174.71	0.046153	4.78	3.68	4.00	1.59
Forcone1	4	QTr500	17.58	170.58	171.22	171.62	173.03	0.178752	5.95	2.95	9.24	3.36
Forcone1	3	QTr500	17.58	168.15	168.94	169.33	170.31	0.097625	5.20	3.38	8.15	2.57
Forcone1	2	QTr500	17.58	164.19	165.00	165.52	167.54	0.191140	7.07	2.49	6.17	3.56
Forcone1	1	QTr500	17.58	160.09	160.81	161.35	163.50	0.212534	7.26	2.42	6.26	3.73

HEC-RAS Plan: Forcone1 River: Forcone1 Reach: Forcone1 Profile: QTr200

Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Forcone1	22	QTr200	14.64	193.52	194.15	194.46	195.28	0.100065	4.72	3.10	8.85	2.54
Forcone1	21	QTr200	14.64	191.13	191.85	192.22	193.22	0.103848	5.19	2.82	7.12	2.63
Forcone1	20	QTr200	14.64	188.71	189.48	189.90	191.08	0.108180	5.60	2.61	5.98	2.70
Forcone1	19	QTr200	14.64	186.63	187.53	187.95	189.02	0.095210	5.39	2.71	5.85	2.53
Forcone1	18	QTr200	14.64	185.49	185.98	186.60	188.86	0.215518	7.53	1.95	4.00	3.44
Forcone1	17	QTr200	14.64	184.77	185.59	185.88	186.61	0.044935	4.47	3.27	4.00	1.58
Forcone1	16	QTr200	14.64	183.69	184.24	184.80	186.48	0.145919	6.62	2.21	4.00	2.84
Forcone1	15	QTr200	14.64	182.93	183.78	184.04	184.72	0.039627	4.28	3.42	4.00	1.48
Forcone1	14	QTr200	14.64	182.17	183.04	183.28	183.94	0.037287	4.20	3.49	4.00	1.43
Forcone1	13	QTr200	14.64	181.09	181.65	182.20	183.81	0.137926	6.50	2.25	4.00	2.77
Forcone1	12	QTr200	14.64	180.37	181.24	181.48	182.14	0.037334	4.20	3.49	4.00	1.44
Forcone1	11	QTr200	14.64	178.79	179.30	179.90	181.96	0.190259	7.23	2.03	4.00	3.24
Forcone1	10	QTr200	14.64	178.03	178.86	179.14	179.86	0.043858	4.43	3.30	4.00	1.56
Forcone1	9	QTr200	14.64	177.27	178.15	178.38	179.03	0.035969	4.15	3.53	4.00	1.41
Forcone1	8	QTr200	14.64	175.69	176.20	176.80	178.84	0.188747	7.21	2.03	4.00	3.23
Forcone1	7	QTr200	14.64	174.93	175.76	176.04	176.76	0.043724	4.43	3.30	4.00	1.56
Forcone1	6	QTr200	14.64	173.39	173.89	174.50	176.58	0.193049	7.26	2.02	4.00	3.26
Forcone1	5	QTr200	14.64	172.63	173.45	173.74	174.46	0.044136	4.44	3.29	4.00	1.56
Forcone1	4	QTr200	14.64	170.58	171.18	171.55	172.82	0.178126	5.68	2.58	8.63	3.31
Forcone1	3	QTr200	14.64	168.15	168.89	169.24	170.13	0.097396	4.93	2.97	7.73	2.54
Forcone1	2	QTr200	14.64	164.19	164.94	165.43	167.32	0.197749	6.84	2.14	5.73	3.57
Forcone1	1	QTr200	14.64	160.09	160.76	161.26	163.21	0.213207	6.93	2.11	5.88	3.69

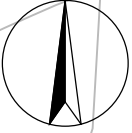
HEC-RAS Plan: Forcone1 River: Forcone1 Reach: Forcone1 Profile: QTr100

Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Forcone1	22	QTr100	12.54	193.52	194.11	194.40	195.15	0.100070	4.52	2.78	8.44	2.52
Forcone1	21	QTr100	12.54	191.13	191.80	192.15	193.08	0.105131	5.00	2.51	6.75	2.62
Forcone1	20	QTr100	12.54	188.71	189.43	189.82	190.91	0.109057	5.40	2.32	5.66	2.69
Forcone1	19	QTr100	12.54	186.63	187.48	187.87	188.85	0.094691	5.18	2.42	5.53	2.50
Forcone1	18	QTr100	12.54	185.49	185.91	186.49	188.69	0.240328	7.38	1.70	4.00	3.62
Forcone1	17	QTr100	12.54	184.77	185.52	185.77	186.42	0.043482	4.21	2.98	4.00	1.55
Forcone1	16	QTr100	12.54	183.69	184.18	184.69	186.29	0.157512	6.44	1.95	4.00	2.94
Forcone1	15	QTr100	12.54	182.93	183.71	183.93	184.53	0.038142	4.02	3.12	4.00	1.46
Forcone1	14	QTr100	12.54	182.17	182.95	183.17	183.77	0.038142	4.02	3.12	4.00	1.46
Forcone1	13	QTr100	12.54	181.09	181.58	182.09	183.64	0.151778	6.36	1.97	4.00	2.89
Forcone1	12	QTr100	12.54	180.37	181.16	181.37	181.96	0.036214	3.95	3.17	4.00	1.42
Forcone1	11	QTr100	12.54	178.79	179.23	179.79	181.78	0.209884	7.07	1.77	4.00	3.39
Forcone1	10	QTr100	12.54	178.03	178.78	179.03	179.67	0.042326	4.17	3.01	4.00	1.53
Forcone1	9	QTr100	12.54	177.27	178.06	178.27	178.86	0.036224	3.95	3.17	4.00	1.42
Forcone1	8	QTr100	12.54	175.69	176.13	176.69	178.68	0.209856	7.07	1.77	4.00	3.39
Forcone1	7	QTr100	12.54	174.93	175.68	175.93	176.57	0.042333	4.17	3.01	4.00	1.53
Forcone1	6	QTr100	12.54	173.39	173.83	174.39	176.39	0.211827	7.09	1.77	4.00	3.40
Forcone1	5	QTr100	12.54	172.63	173.38	173.63	174.27	0.042492	4.17	3.00	4.00	1.54
Forcone1	4	QTr100	12.54	170.58	171.15	171.49	172.67	0.178823	5.47	2.29	8.14	3.29
Forcone1	3	QTr100	12.54	168.15	168.85	169.17	169.98	0.097075	4.71	2.66	7.40	2.51
Forcone1	2	QTr100	12.54	164.19	164.89	165.35	167.15	0.203890	6.66	1.88	5.37	3.59
Forcone1	1	QTr100	12.54	160.09	160.72	161.18	162.98	0.213246	6.65	1.88	5.58	3.65

HEC-RAS Plan: Forcone1 River: Forcone1 Reach: Forcone1 Profile: QTr50

Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Forcone1	22	QTr50	10.42	193.52	194.07	194.33	195.01	0.100045	4.29	2.43	8.02	2.48
Forcone1	21	QTr50	10.42	191.13	191.75	192.07	192.92	0.106640	4.78	2.18	6.35	2.61
Forcone1	20	QTr50	10.42	188.71	189.37	189.73	190.73	0.110107	5.16	2.02	5.31	2.67
Forcone1	19	QTr50	10.42	186.63	187.43	187.77	188.66	0.094000	4.93	2.11	5.17	2.46
Forcone1	18	QTr50	10.42	185.49	185.85	186.37	188.50	0.275293	7.22	1.44	4.00	3.83
Forcone1	17	QTr50	10.42	184.77	185.44	185.65	186.21	0.041710	3.90	2.67	4.00	1.52
Forcone1	16	QTr50	10.42	183.69	184.11	184.57	186.09	0.174203	6.23	1.67	4.00	3.08
Forcone1	15	QTr50	10.42	182.93	183.63	183.81	184.34	0.036282	3.72	2.80	4.00	1.42
Forcone1	14	QTr50	10.42	182.17	182.86	183.05	183.59	0.038202	3.79	2.75	4.00	1.46
Forcone1	13	QTr50	10.42	181.09	181.51	181.97	183.46	0.170294	6.19	1.68	4.00	3.04
Forcone1	12	QTr50	10.42	180.37	181.08	181.25	181.77	0.034623	3.67	2.84	4.00	1.39
Forcone1	11	QTr50	10.42	178.79	179.17	179.67	181.58	0.237820	6.89	1.51	4.00	3.57
Forcone1	10	QTr50	10.42	178.03	178.70	178.91	179.46	0.040490	3.86	2.70	4.00	1.50
Forcone1	9	QTr50	10.42	177.27	177.97	178.15	178.68	0.036782	3.74	2.79	4.00	1.43
Forcone1	8	QTr50	10.42	175.69	176.07	176.57	178.50	0.240246	6.91	1.51	4.00	3.59
Forcone1	7	QTr50	10.42	174.93	175.60	175.81	176.37	0.040662	3.87	2.69	4.00	1.50
Forcone1	6	QTr50	10.42	173.39	173.77	174.27	176.19	0.238881	6.90	1.51	4.00	3.58
Forcone1	5	QTr50	10.42	172.63	173.30	173.51	174.07	0.040571	3.87	2.70	4.00	1.50
Forcone1	4	QTr50	10.42	170.58	171.11	171.42	172.51	0.180651	5.24	1.99	7.58	3.27
Forcone1	3	QTr50	10.42	168.15	168.80	169.08	169.81	0.096585	4.46	2.34	7.04	2.47
Forcone1	2	QTr50	10.42	164.19	164.84	165.27	166.95	0.211481	6.44	1.62	4.98	3.61
Forcone1	1	QTr50	10.42	160.09	160.68	161.10	162.71	0.210714	6.31	1.65	5.25	3.59

N



FOSSO A PROGR. 6+301
PLANIMETRIA UBICAZIONE
SEZIONI MODELLO IDRAULICO

115.7

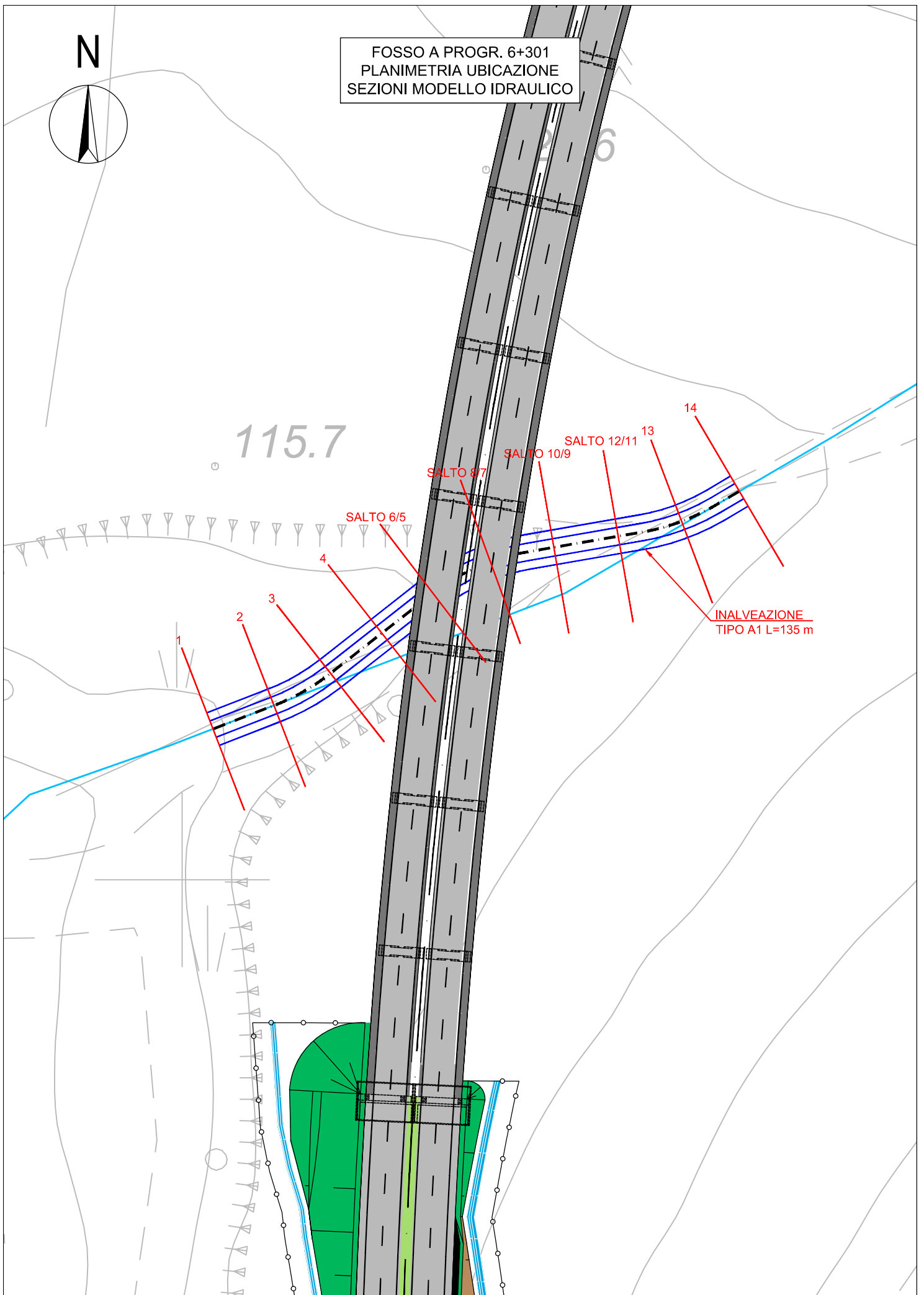
SALTO 6/5

SALTO 8/7

SALTO 10/9

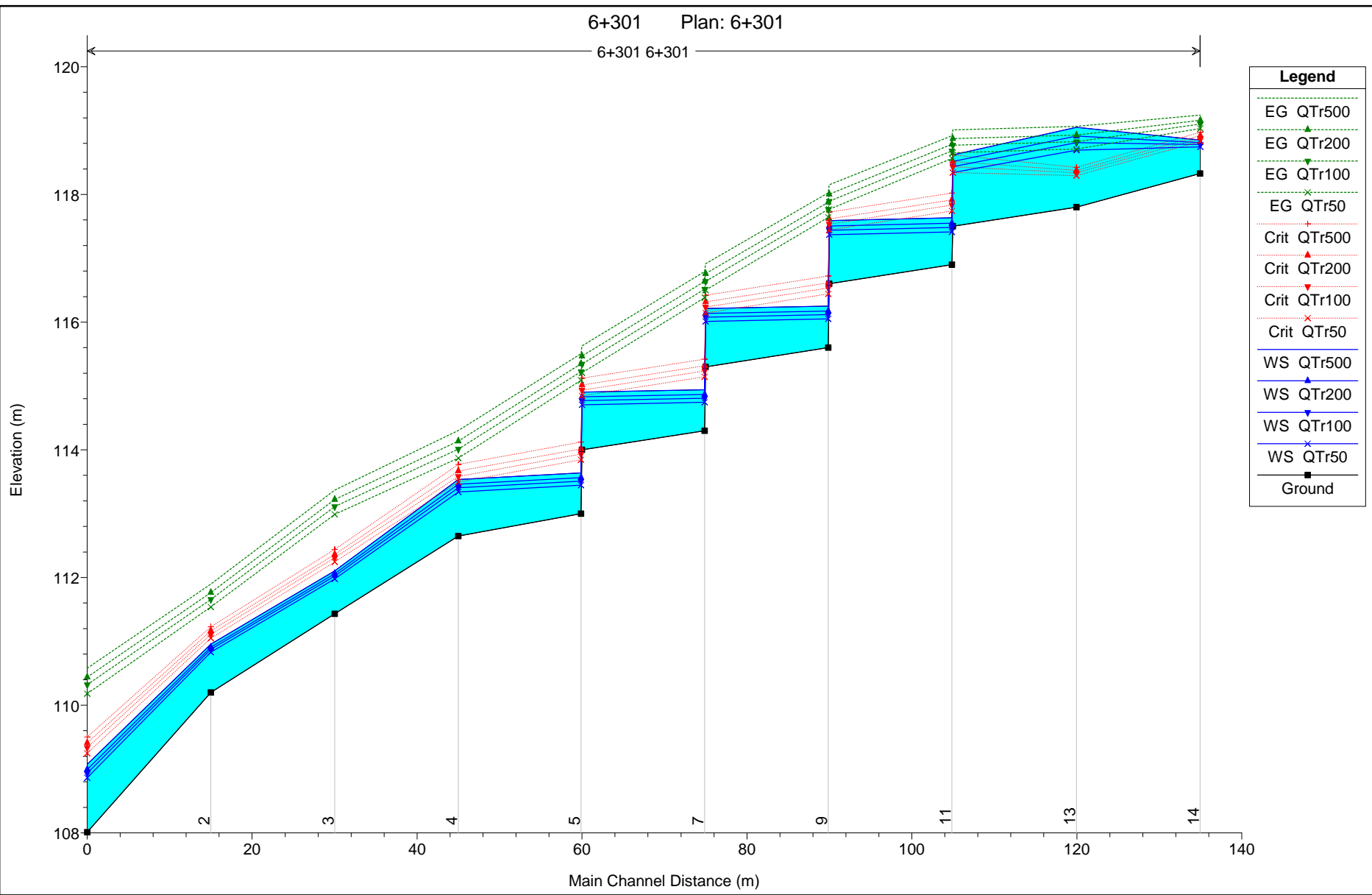
SALTO 12/11

INALVEAZIONE
TIPO A1 L=135 m



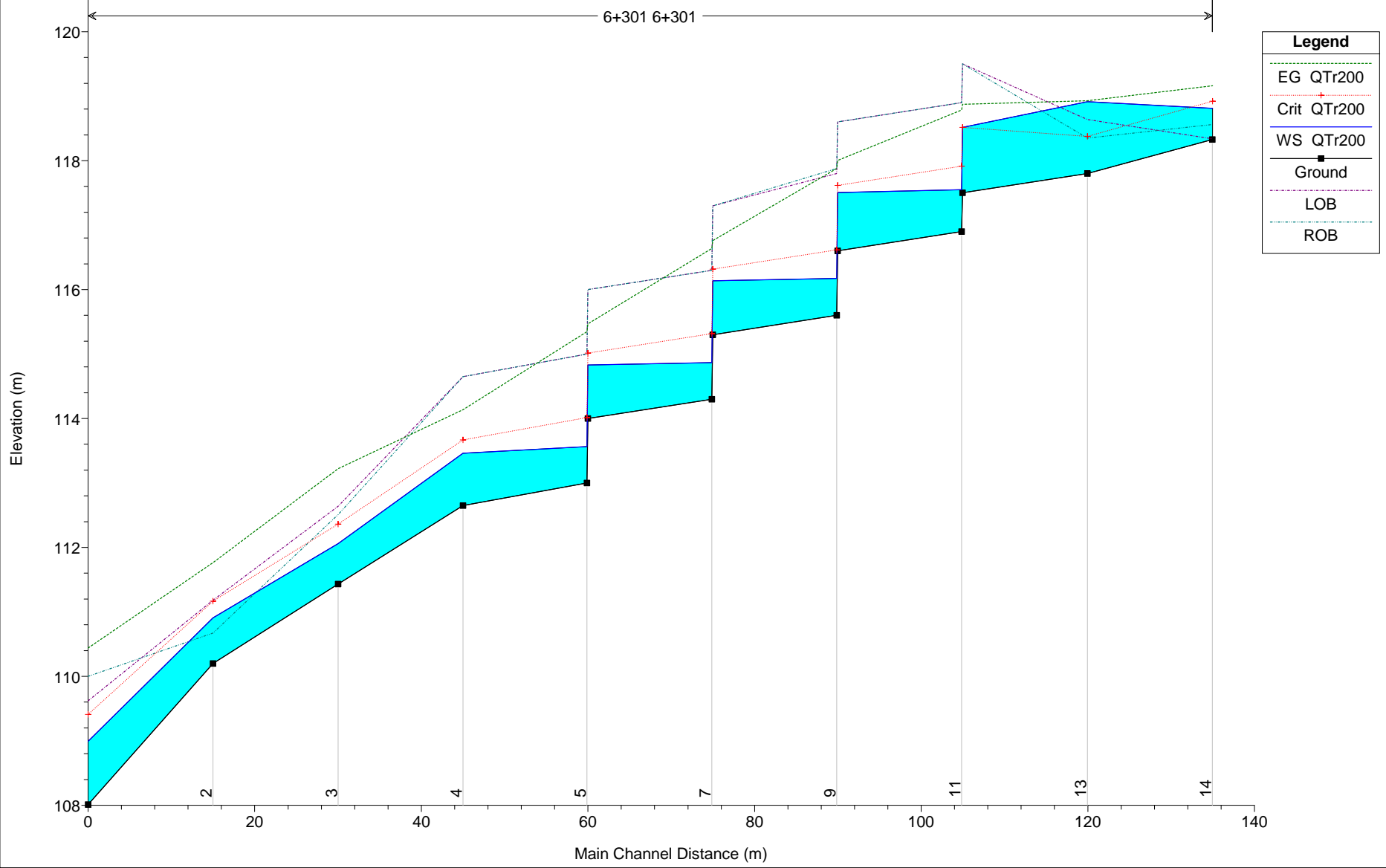
6+301 Plan: 6+301

6+301 6+301



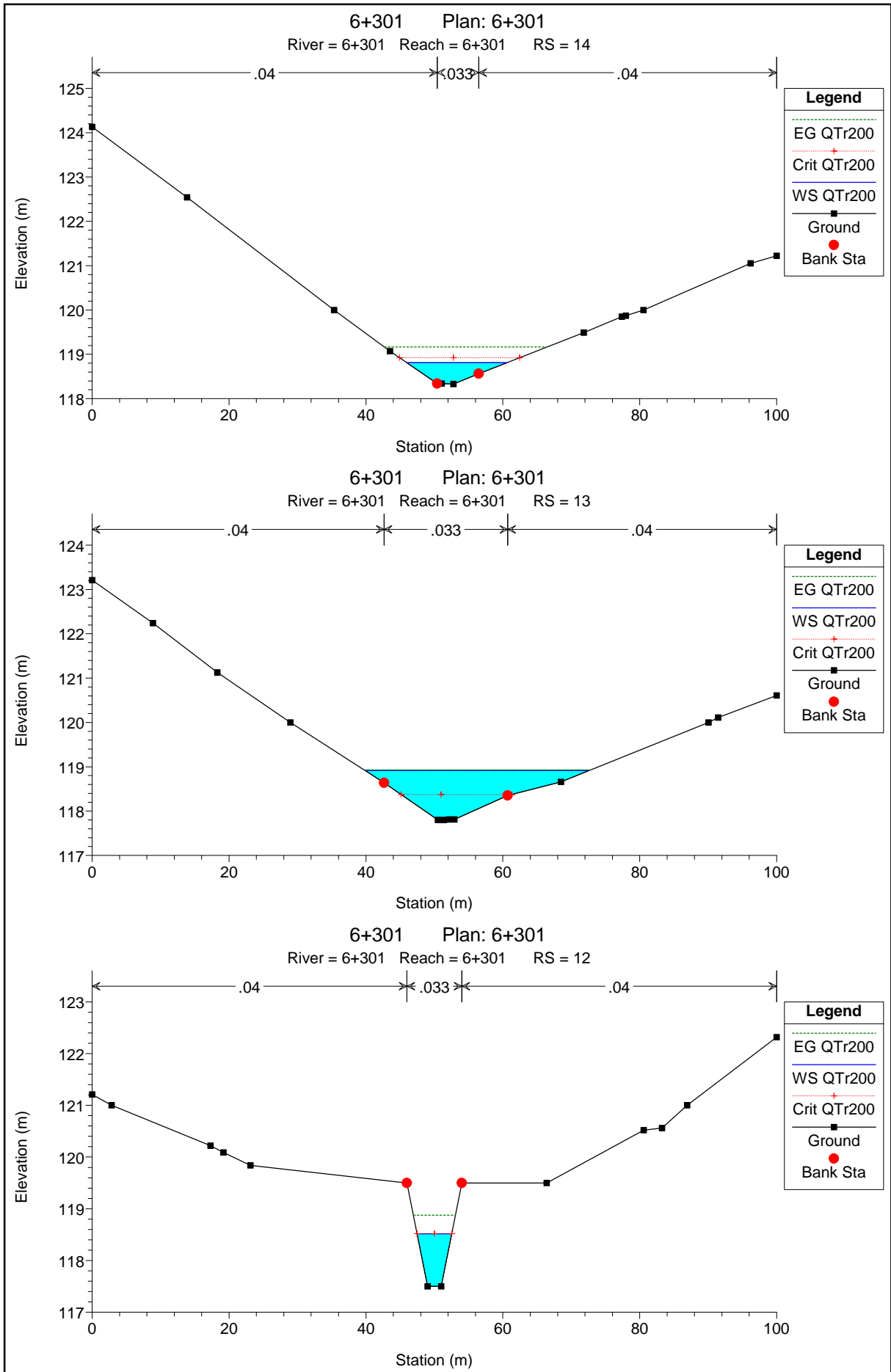
6+301 Plan: 6+301

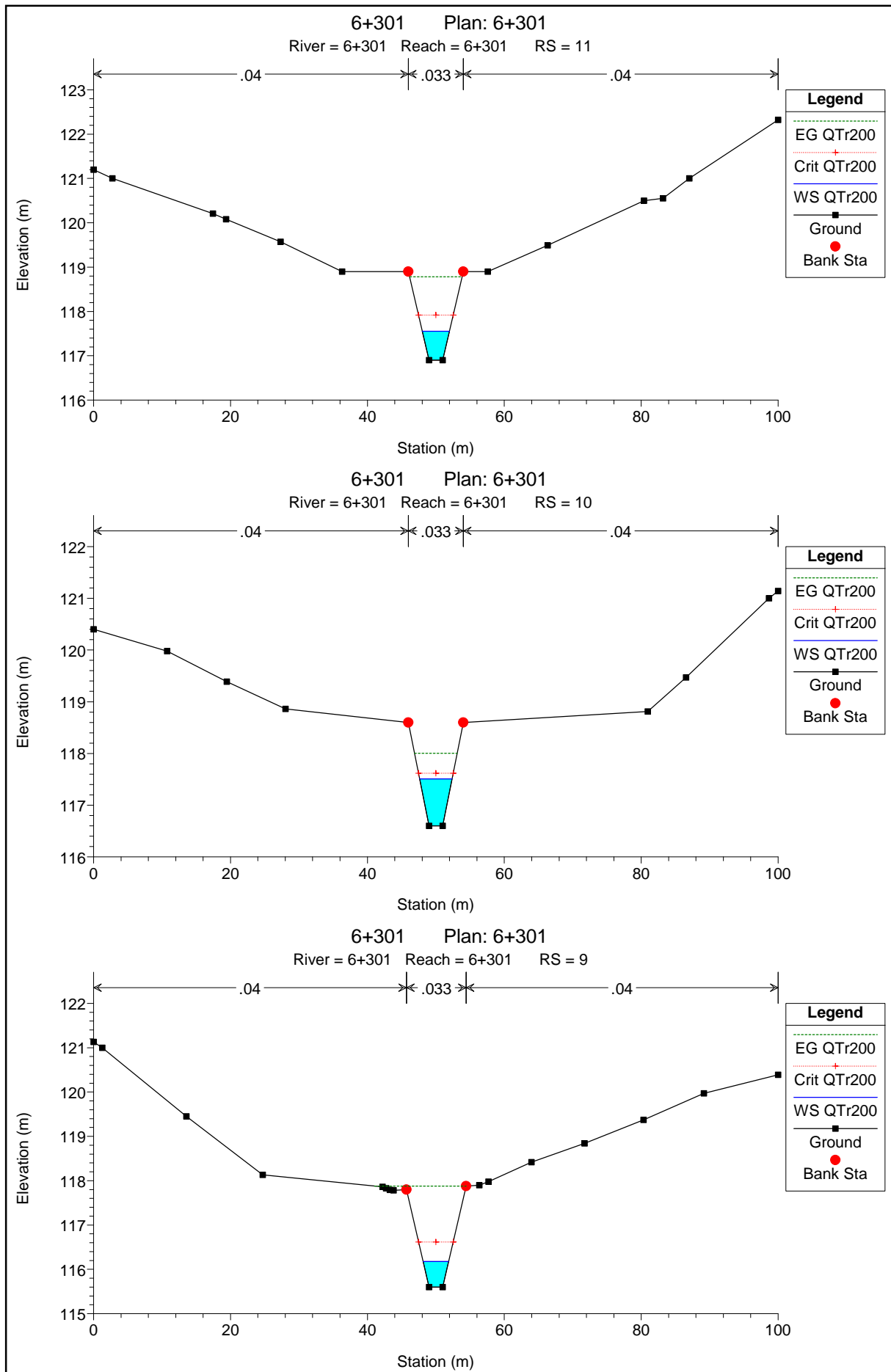
6+301 6+301

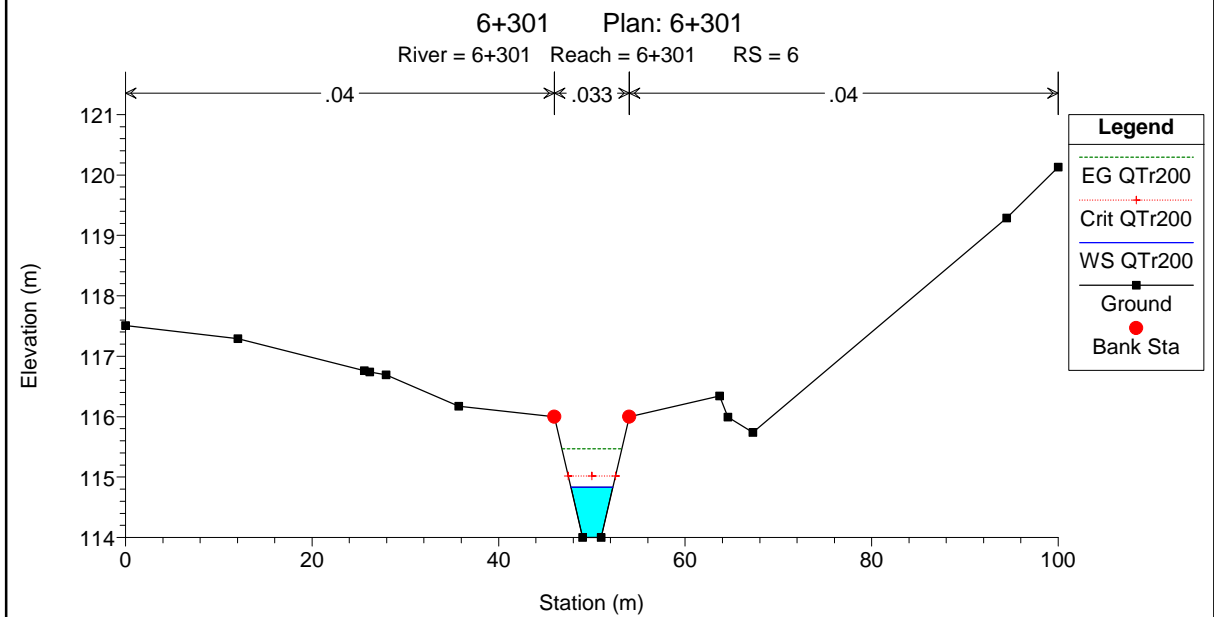
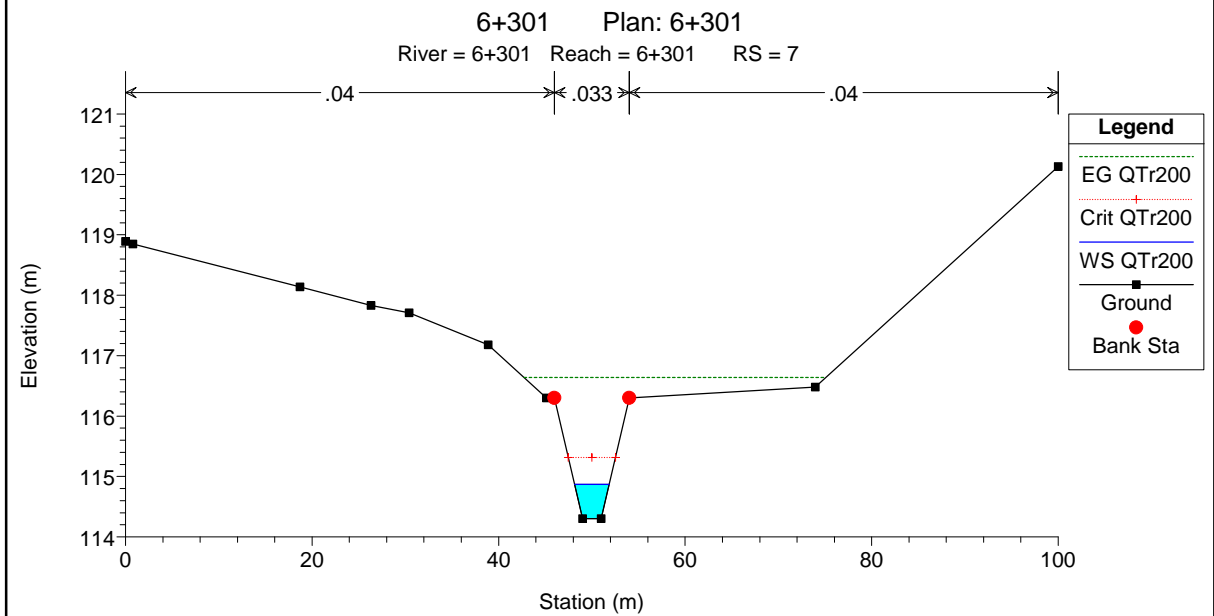
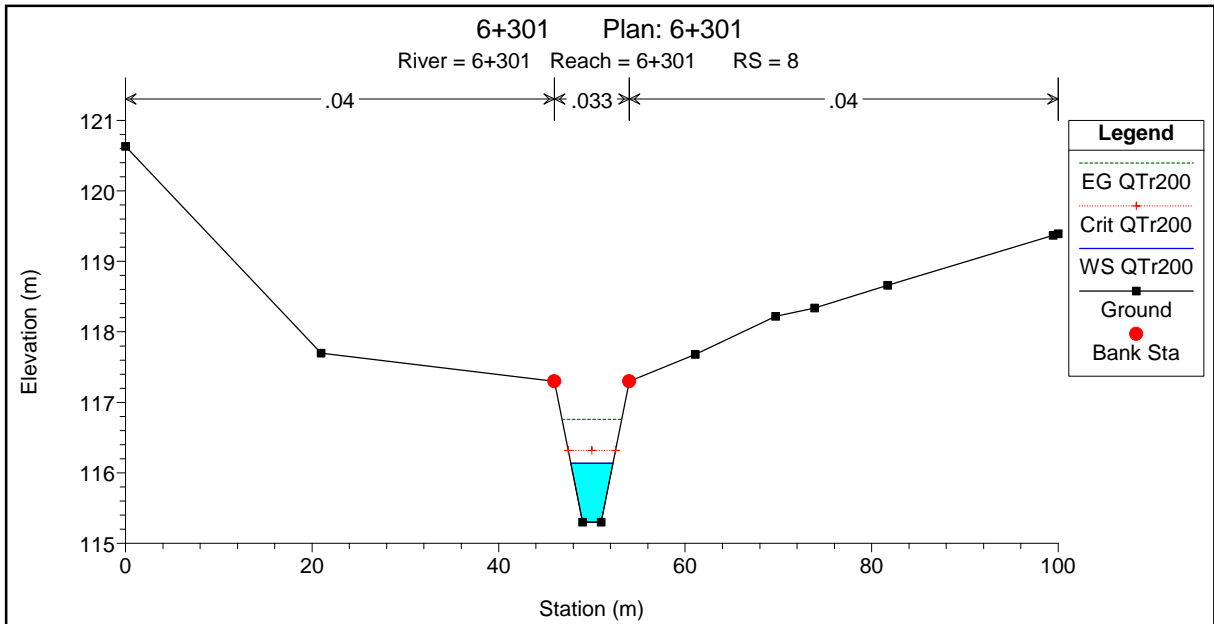


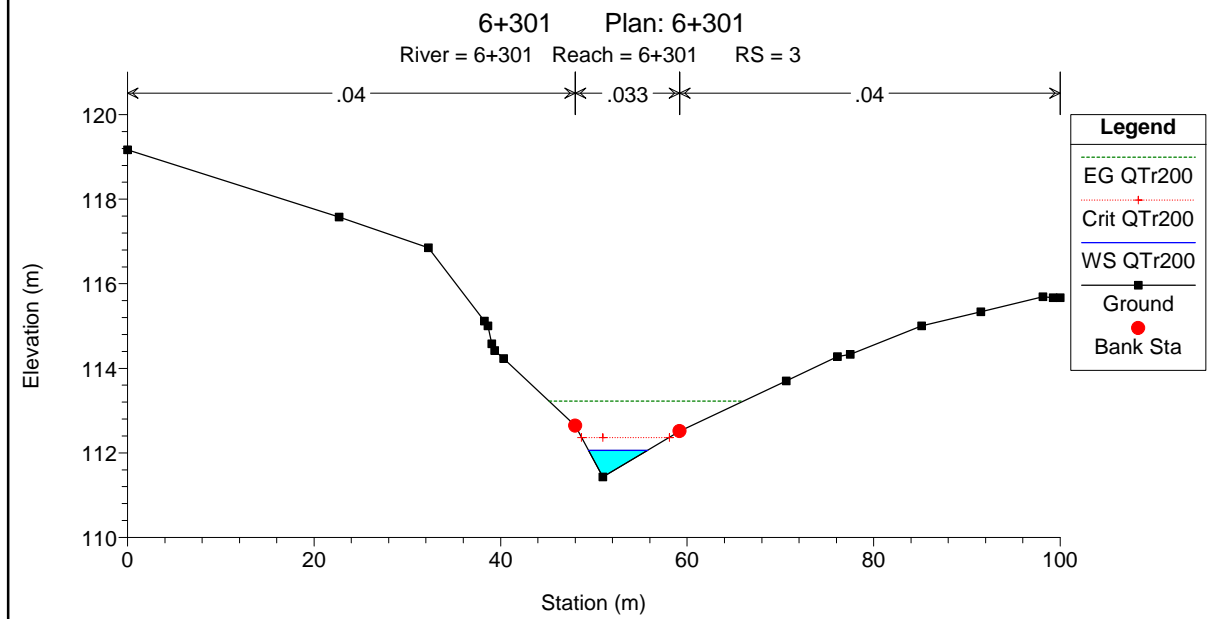
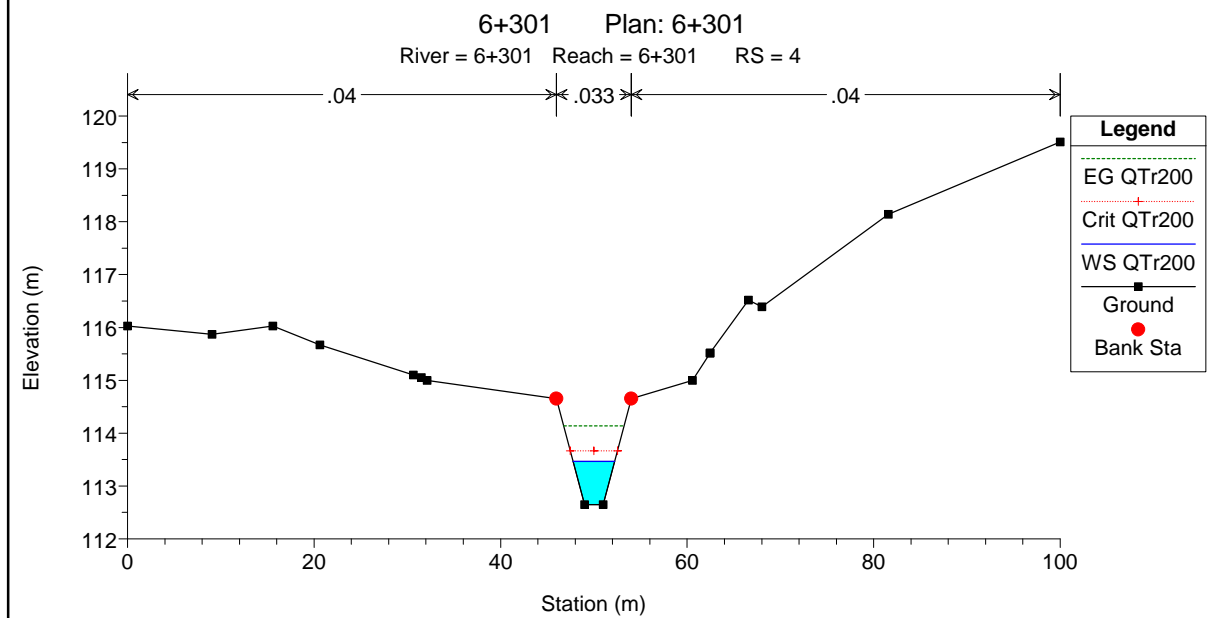
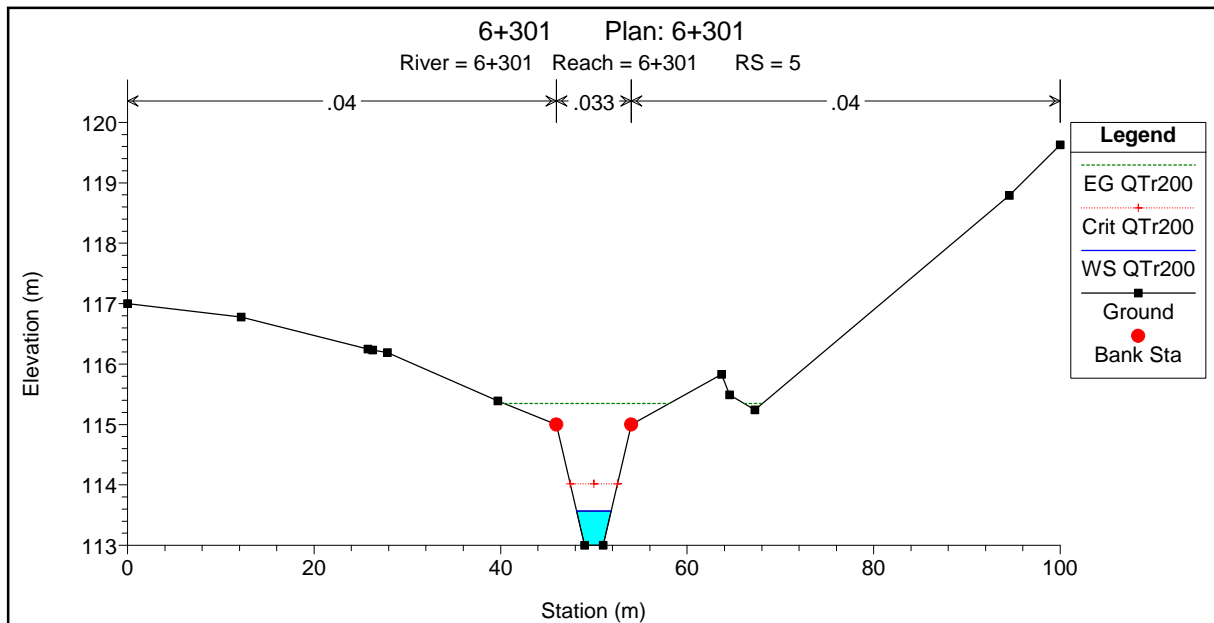
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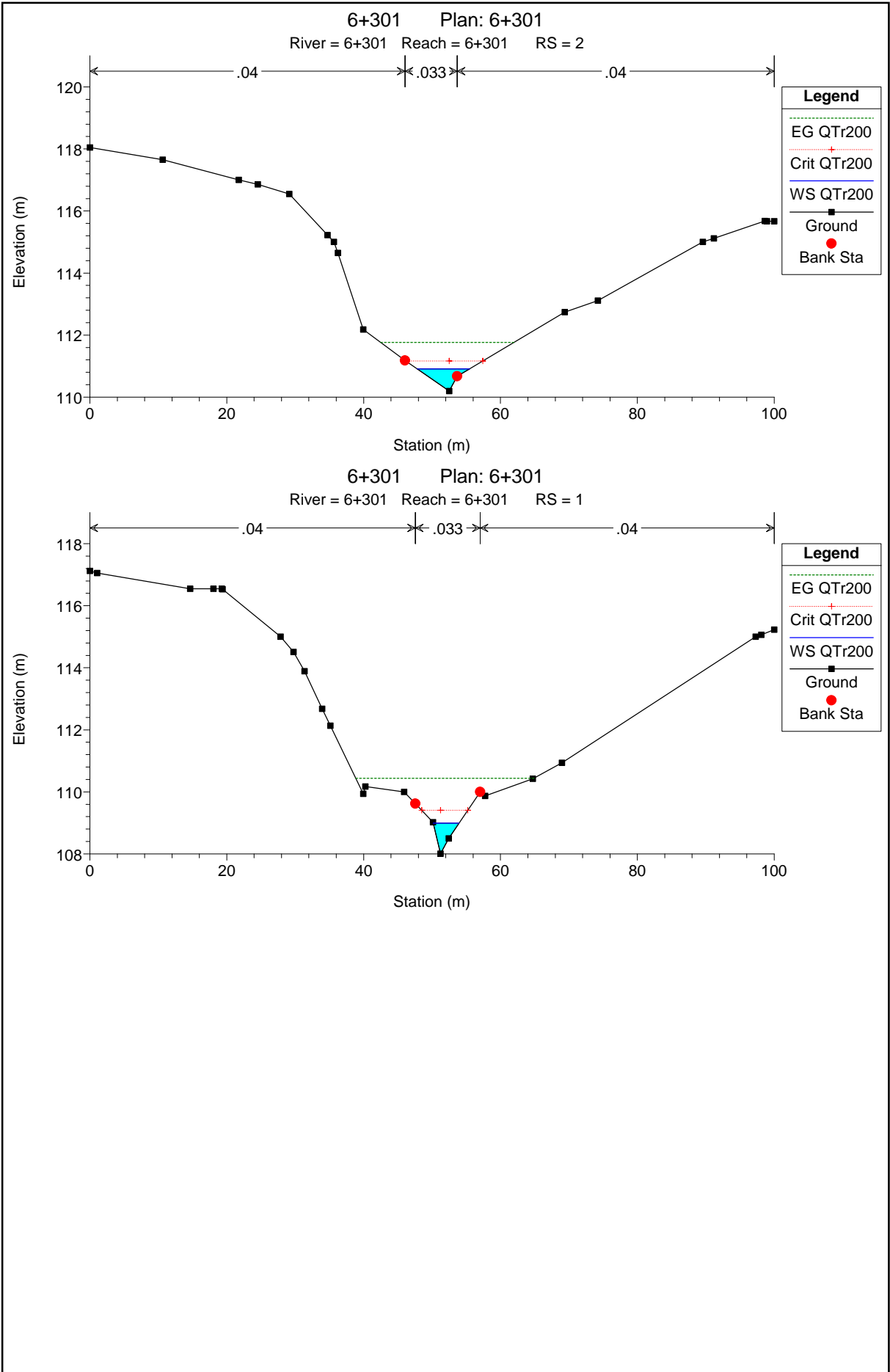
- EG QTr200
- Crit QTr200
- WS QTr200
- Ground
- LOB
- ROB











HEC-RAS Plan: 6+301 River: 6+301 Reach: 6+301 Profile: QTr500

Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
			(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
6+301	14	QTr500	11.43	118.33	118.85	118.97	119.24	0.030027	3.08	4.68	15.74	1.47
6+301	13	QTr500	11.43	117.80	119.05	118.42	119.07	0.000390	0.58	23.44	36.27	0.19
6+301	12	QTr500	11.43	117.50	118.62	118.62	119.01	0.013863	2.77	4.13	5.36	1.01
6+301	11	QTr500	11.43	116.90	117.63	118.02	118.92	0.071171	5.02	2.28	4.20	2.18
6+301	10	QTr500	11.43	116.60	117.59	117.72	118.15	0.022756	3.32	3.44	4.97	1.27
6+301	9	QTr500	11.43	115.60	116.25	116.72	118.02	0.111371	5.90	1.94	3.95	2.69
6+301	8	QTr500	11.43	115.30	116.21	116.42	116.92	0.030856	3.71	3.08	4.74	1.47
6+301	7	QTr500	11.43	114.30	114.94	115.42	116.79	0.118473	6.03	1.89	3.92	2.77
6+301	6	QTr500	11.43	114.00	114.90	115.12	115.63	0.032217	3.77	3.03	4.71	1.50
6+301	5	QTr500	11.43	113.00	113.64	114.12	115.51	0.119788	6.06	1.89	3.91	2.78
6+301	4	QTr500	11.43	112.65	113.54	113.77	114.30	0.034820	3.88	2.95	4.66	1.56
6+301	3	QTr500	11.43	111.43	112.10	112.44	113.37	0.119253	4.98	2.29	6.80	2.74
6+301	2	QTr500	11.43	110.20	110.95	111.23	111.90	0.072699	4.39	2.78	8.28	2.21
6+301	1	QTr500	11.43	108.01	109.07	109.50	110.58	0.098674	5.44	2.10	4.28	2.48

HEC-RAS Plan: 6+301 River: 6+301 Reach: 6+301 Profile: QTr200

Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
			(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
6+301	14	QTr200	9.52	118.33	118.81	118.92	119.16	0.030025	2.89	4.07	14.71	1.44
6+301	13	QTr200	9.52	117.80	118.92	118.37	118.93	0.000489	0.58	18.75	32.72	0.21
6+301	12	QTr200	9.52	117.50	118.52	118.52	118.88	0.014159	2.66	3.58	5.05	1.01
6+301	11	QTr200	9.52	116.90	117.55	117.92	118.78	0.077585	4.92	1.93	3.95	2.25
6+301	10	QTr200	9.52	116.60	117.51	117.62	118.00	0.022145	3.13	3.04	4.72	1.24
6+301	9	QTr200	9.52	115.60	116.18	116.62	117.88	0.121795	5.78	1.65	3.73	2.78
6+301	8	QTr200	9.52	115.30	116.14	116.32	116.76	0.029930	3.49	2.73	4.51	1.43
6+301	7	QTr200	9.52	114.30	114.87	115.32	116.64	0.128718	5.90	1.61	3.70	2.85
6+301	6	QTr200	9.52	114.00	114.83	115.02	115.47	0.031083	3.54	2.69	4.49	1.46
6+301	5	QTr200	9.52	113.00	113.57	114.02	115.35	0.129820	5.91	1.61	3.70	2.86
6+301	4	QTr200	9.52	112.65	113.46	113.67	114.14	0.033583	3.64	2.62	4.44	1.51
6+301	3	QTr200	9.52	111.43	112.06	112.36	113.22	0.120553	4.78	1.99	6.34	2.72
6+301	2	QTr200	9.52	110.20	110.91	111.17	111.76	0.071238	4.16	2.42	7.64	2.16
6+301	1	QTr200	9.52	108.01	108.99	109.41	110.44	0.101118	5.33	1.79	3.79	2.48

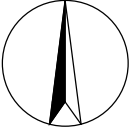
HEC-RAS Plan: 6+301 River: 6+301 Reach: 6+301 Profile: QTr100

Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
			(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
6+301	14	QTr100	8.16	118.33	118.78	118.88	119.10	0.030024	2.74	3.62	13.89	1.42
6+301	13	QTr100	8.16	117.80	118.81	118.34	118.83	0.000605	0.59	15.46	29.97	0.22
6+301	12	QTr100	8.16	117.50	118.43	118.43	118.77	0.014421	2.57	3.18	4.80	1.01
6+301	11	QTr100	8.16	116.90	117.49	117.83	118.68	0.084028	4.85	1.68	3.76	2.31
6+301	10	QTr100	8.16	116.60	117.44	117.53	117.89	0.021664	2.98	2.74	4.52	1.22
6+301	9	QTr100	8.16	115.60	116.12	116.53	117.77	0.132260	5.69	1.43	3.55	2.86
6+301	8	QTr100	8.16	115.30	116.08	116.23	116.64	0.029192	3.32	2.46	4.33	1.40
6+301	7	QTr100	8.16	114.30	114.81	115.23	116.52	0.138772	5.79	1.41	3.53	2.92
6+301	6	QTr100	8.16	114.00	114.77	114.93	115.34	0.030150	3.35	2.43	4.31	1.43
6+301	5	QTr100	8.16	113.00	113.51	113.93	115.22	0.139682	5.80	1.41	3.53	2.93
6+301	4	QTr100	8.16	112.65	113.41	113.58	114.01	0.032556	3.45	2.37	4.27	1.48
6+301	3	QTr100	8.16	111.43	112.02	112.31	113.11	0.122409	4.63	1.76	5.96	2.72
6+301	2	QTr100	8.16	110.20	110.87	111.11	111.66	0.070060	3.97	2.15	7.13	2.12
6+301	1	QTr100	8.16	108.01	108.93	109.34	110.32	0.105659	5.22	1.56	3.53	2.50

HEC-RAS Plan: 6+301 River: 6+301 Reach: 6+301 Profile: QTr50

Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
			(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
6+301	14	QTr50	6.77	118.33	118.75	118.83	119.03	0.030024	2.57	3.15	12.98	1.40
6+301	13	QTr50	6.77	117.80	118.69	118.29	118.71	0.000807	0.60	12.15	26.93	0.25
6+301	12	QTr50	6.77	117.50	118.34	118.34	118.65	0.014747	2.46	2.75	4.53	1.01
6+301	11	QTr50	6.77	116.90	117.41	117.74	118.56	0.092730	4.75	1.42	3.54	2.39
6+301	10	QTr50	6.77	116.60	117.37	117.44	117.77	0.021037	2.80	2.42	4.30	1.19
6+301	9	QTr50	6.77	115.60	116.05	116.44	117.64	0.146887	5.59	1.21	3.36	2.97
6+301	8	QTr50	6.77	115.30	116.01	116.14	116.50	0.028136	3.11	2.18	4.13	1.37
6+301	7	QTr50	6.77	114.30	114.75	115.14	116.39	0.153210	5.67	1.19	3.34	3.03
6+301	6	QTr50	6.77	114.00	114.71	114.84	115.21	0.028925	3.14	2.16	4.12	1.38
6+301	5	QTr50	6.77	113.00	113.45	113.84	115.09	0.153930	5.68	1.19	3.34	3.03
6+301	4	QTr50	6.77	112.65	113.34	113.49	113.87	0.031374	3.23	2.10	4.07	1.44
6+301	3	QTr50	6.77	111.43	111.98	112.24	112.99	0.124836	4.45	1.52	5.54	2.71
6+301	2	QTr50	6.77	110.20	110.83	111.05	111.54	0.068689	3.75	1.87	6.54	2.07
6+301	1	QTr50	6.77	108.01	108.86	109.25	110.18	0.111500	5.09	1.33	3.25	2.54

N



FOSSO DEL NASSO
PLANIMETRIA UBICAZIONE
SEZIONI MODELLO IDRAULICO

16

15

14

13

12

11

10

9

35.2

INALVEAZIONE
TIPO A5 L=220 m

34.7

1

2

3

4

5

6

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11

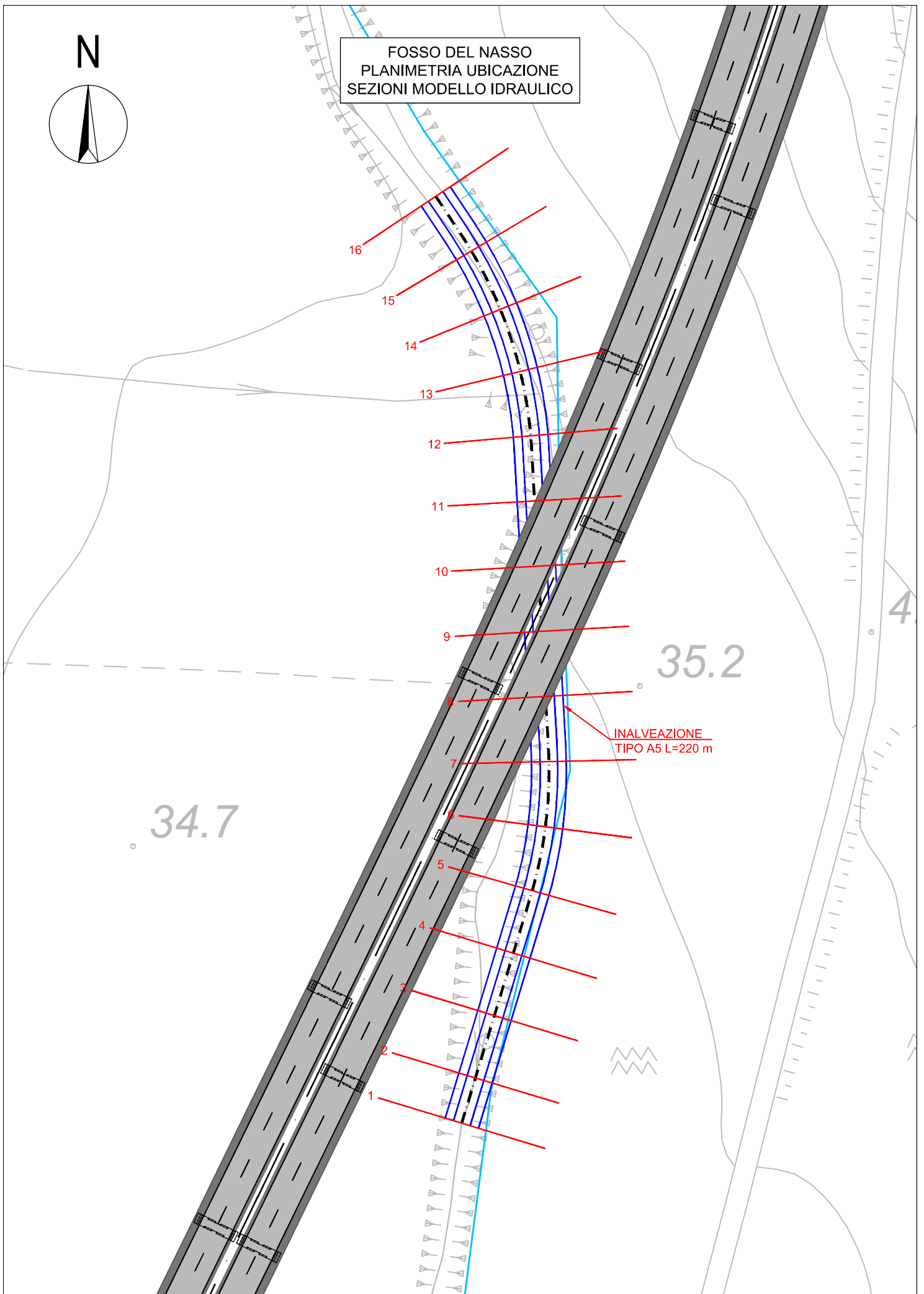
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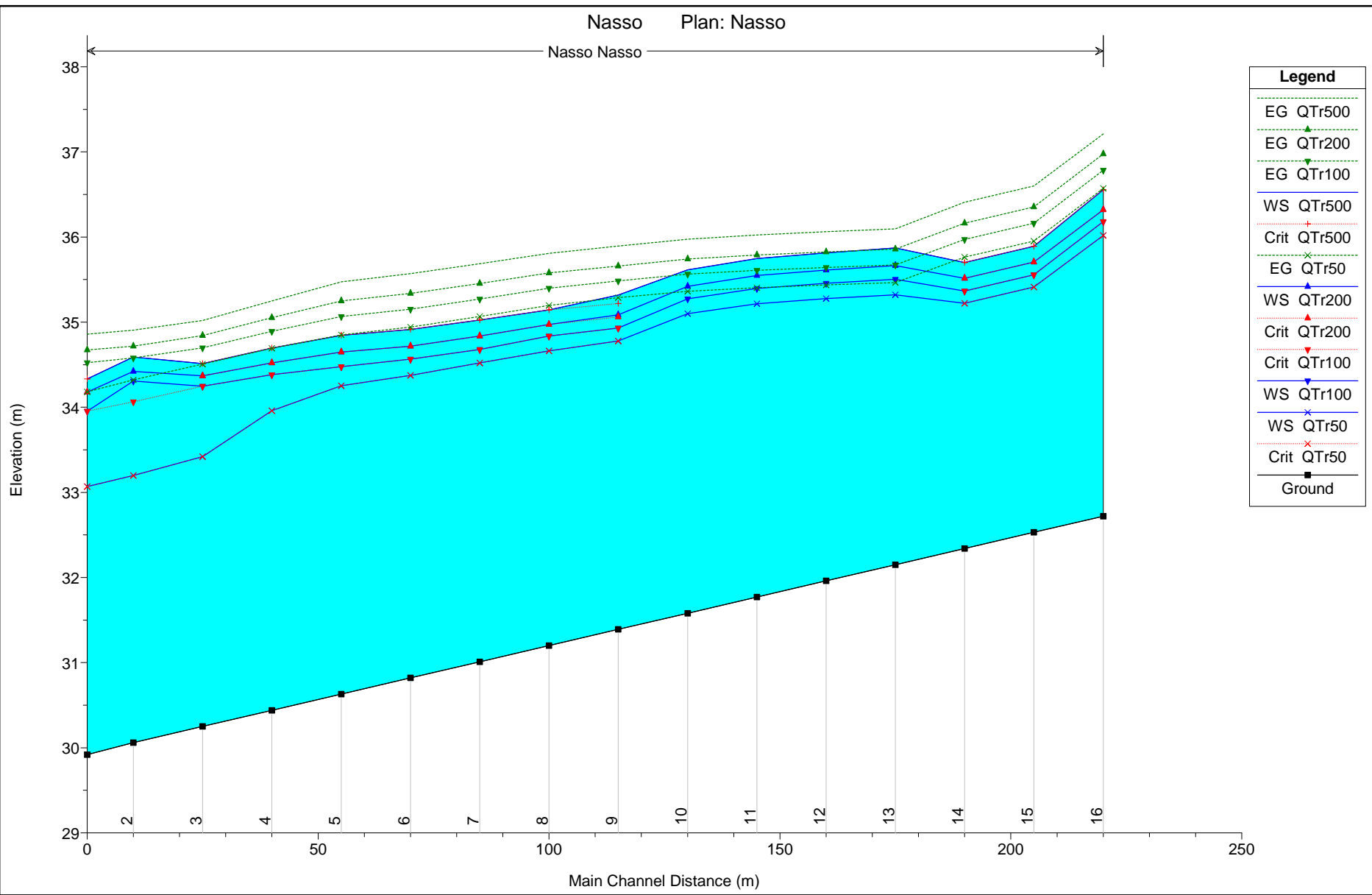
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16



Nasso Plan: Nasso

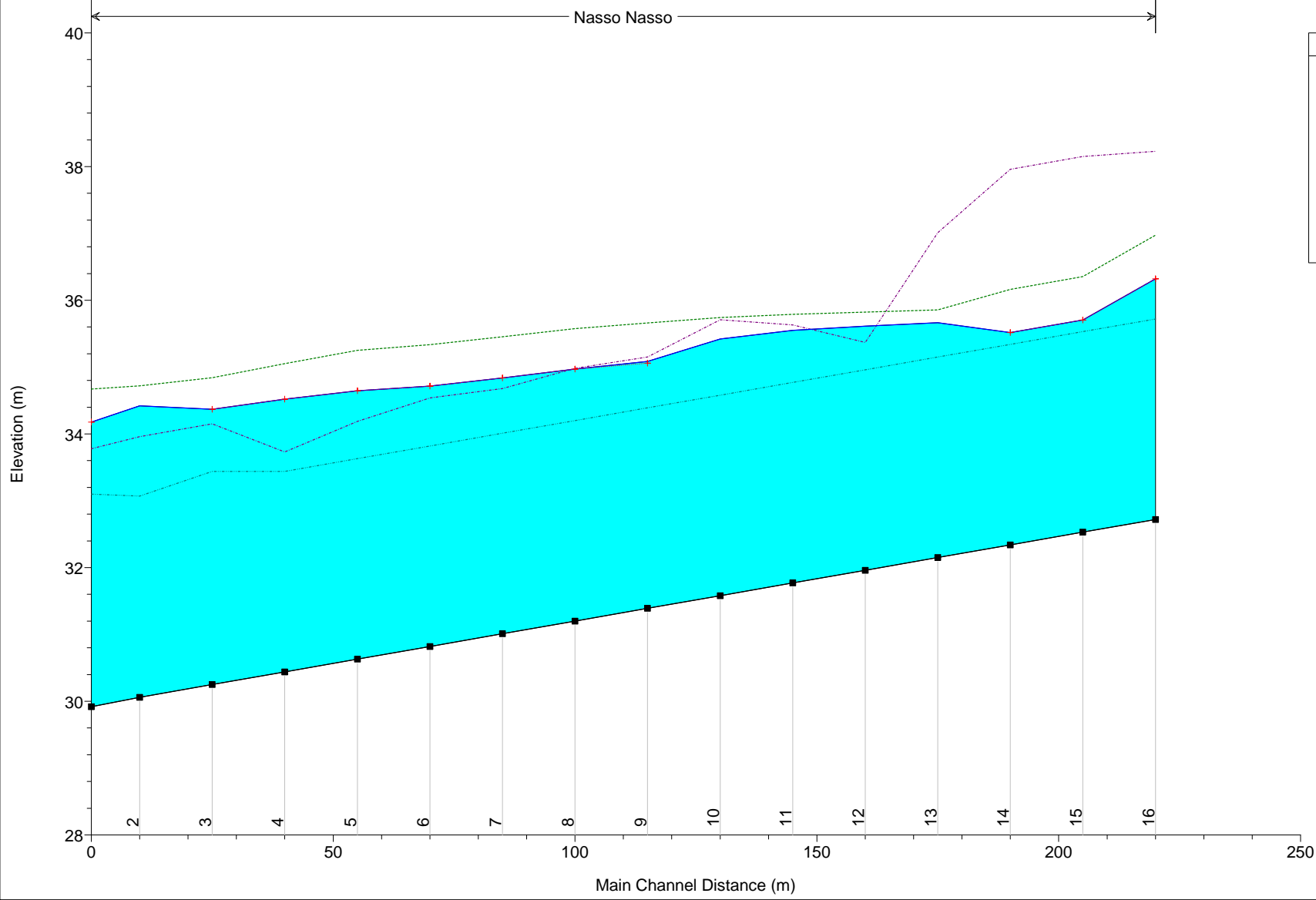
Nasso Nasso



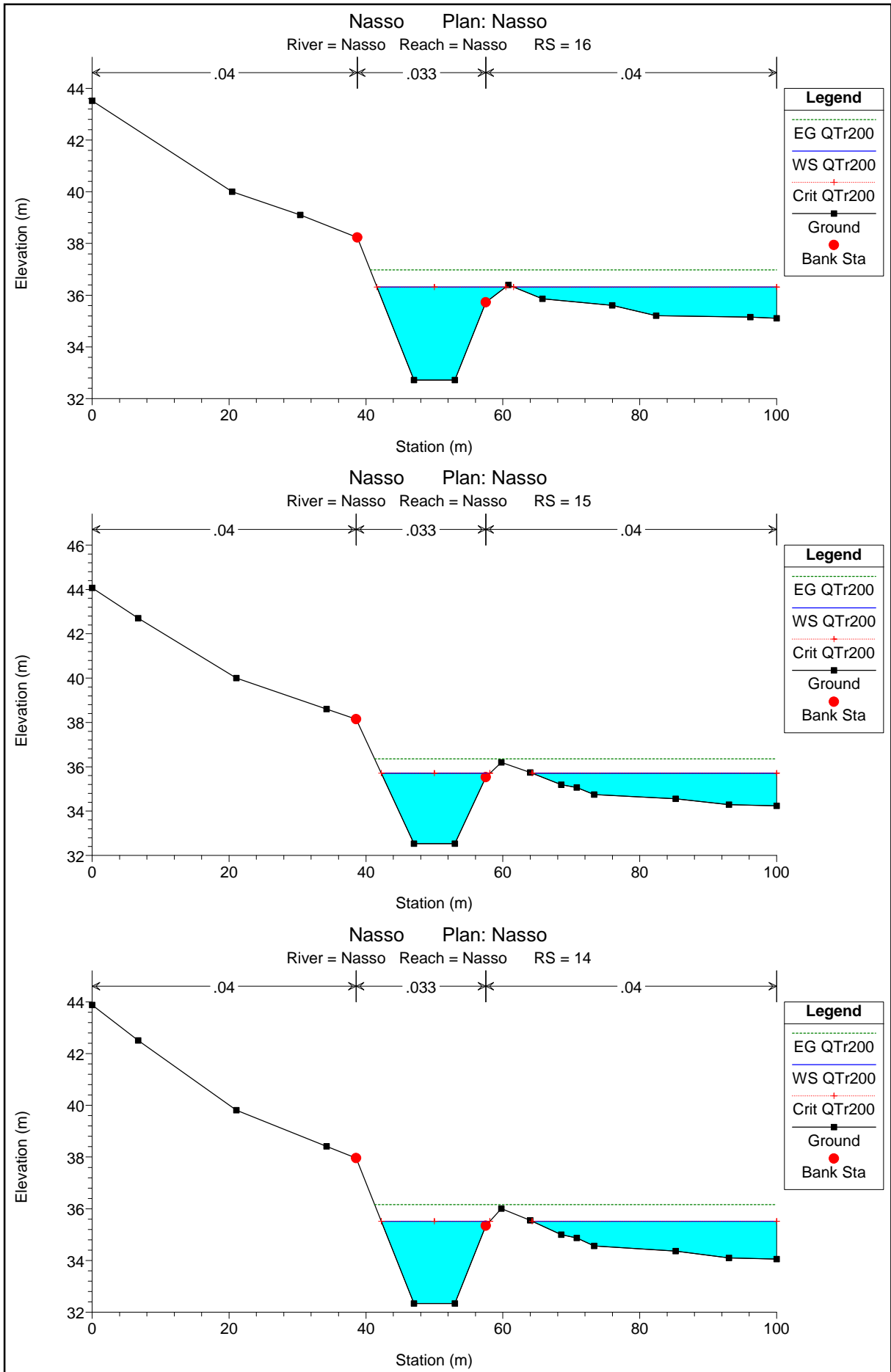
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EG QTr200	—▲—
EG QTr100	—▲—
EG QTr50	—▲—
WS QTr500	—▼—
WS QTr200	—▼—
WS QTr100	—▼—
WS QTr50	—▼—
Crit QTr500	—▲—
Crit QTr200	—▲—
Crit QTr100	—▲—
Crit QTr50	—▲—
Ground	—■—

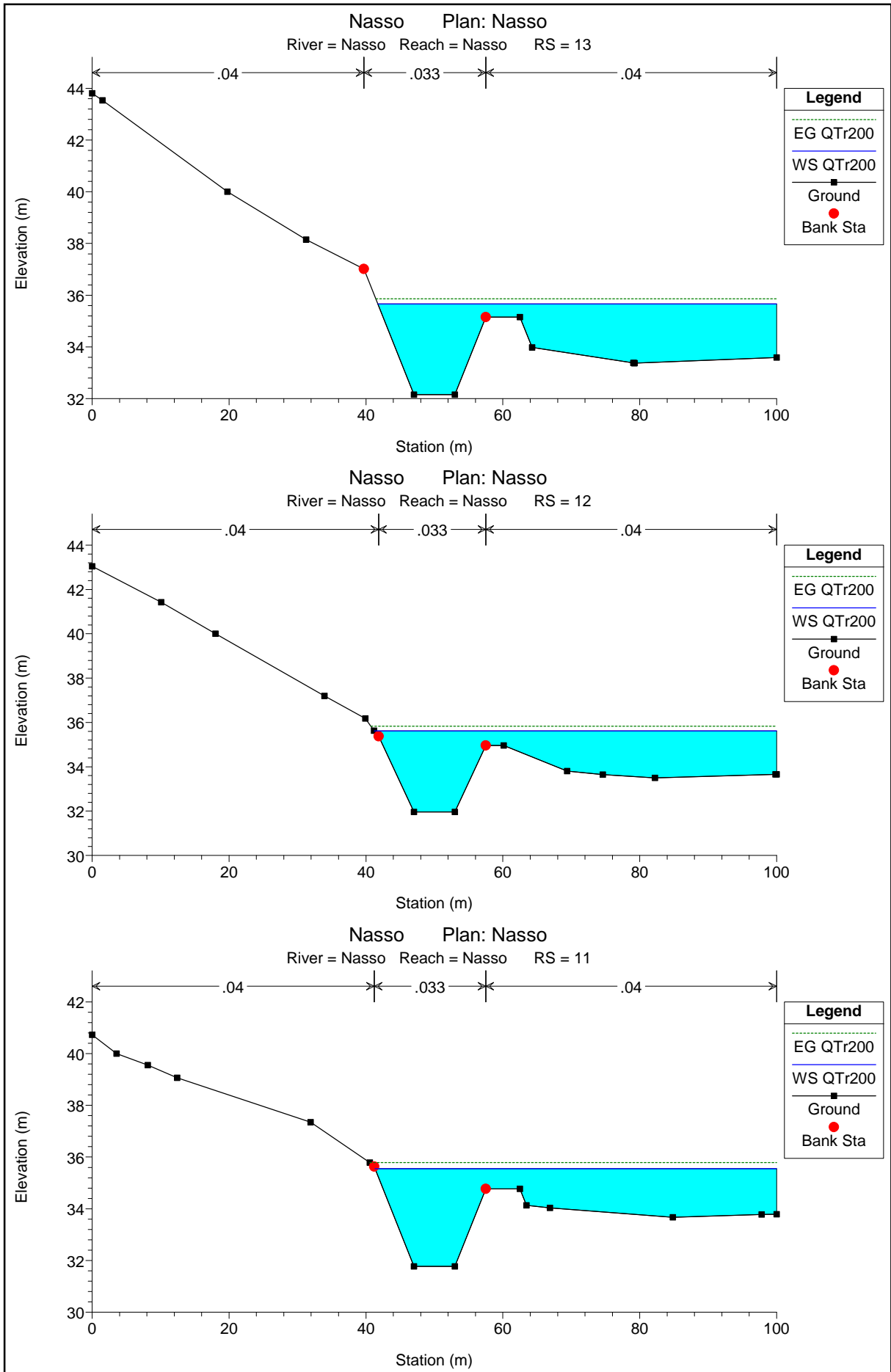
Nasso Plan: Nasso

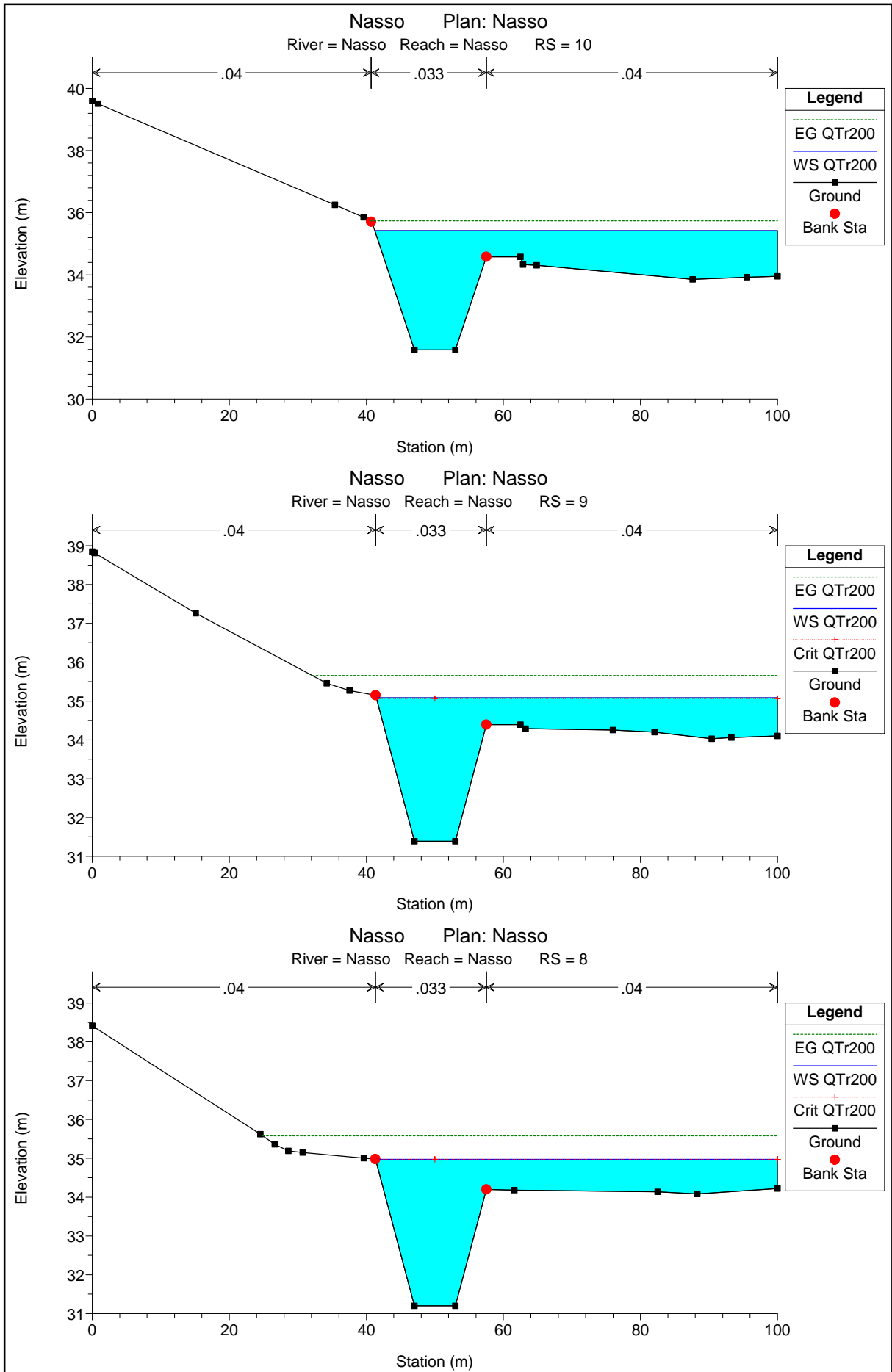
Nasso Nasso

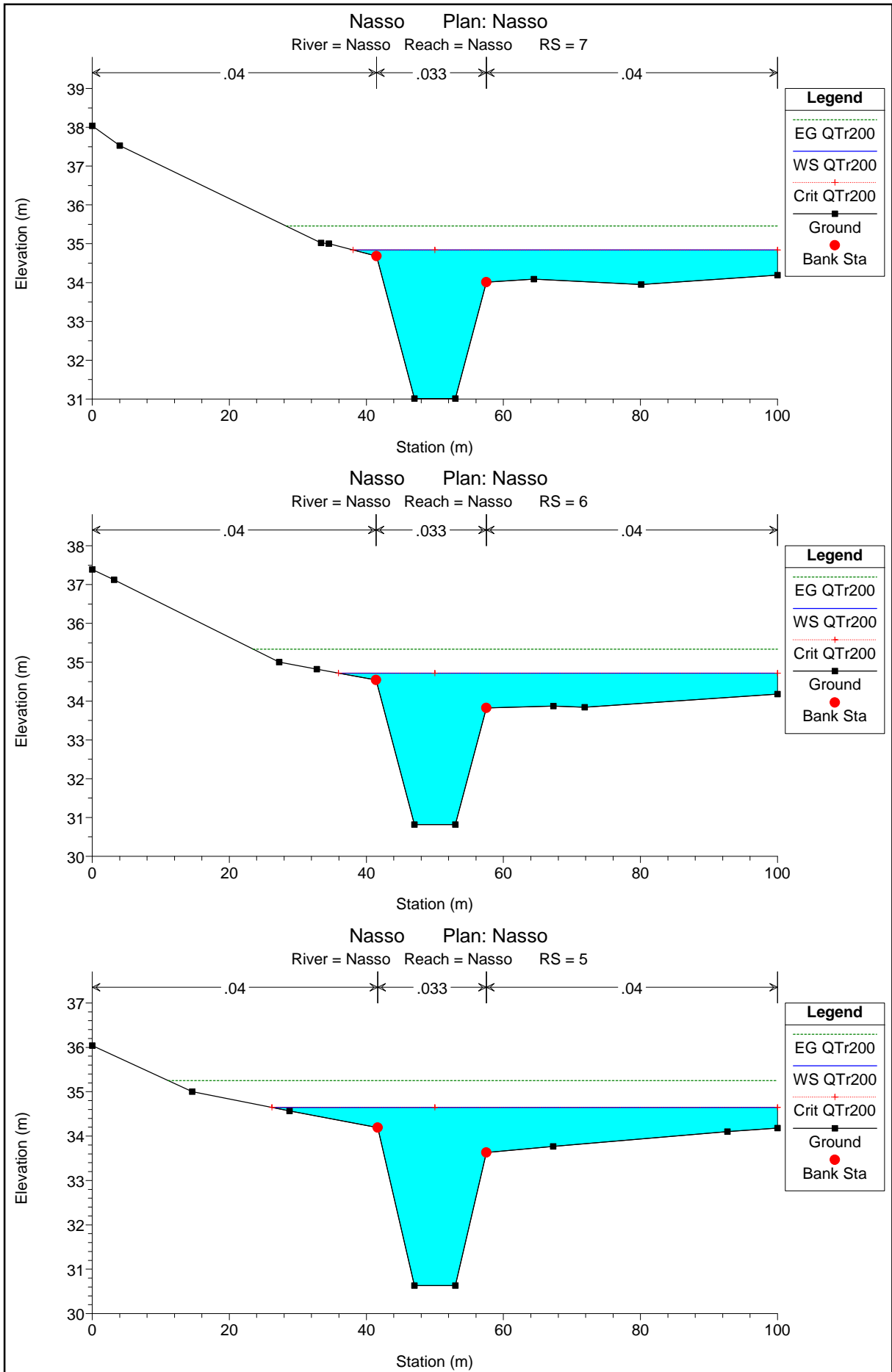


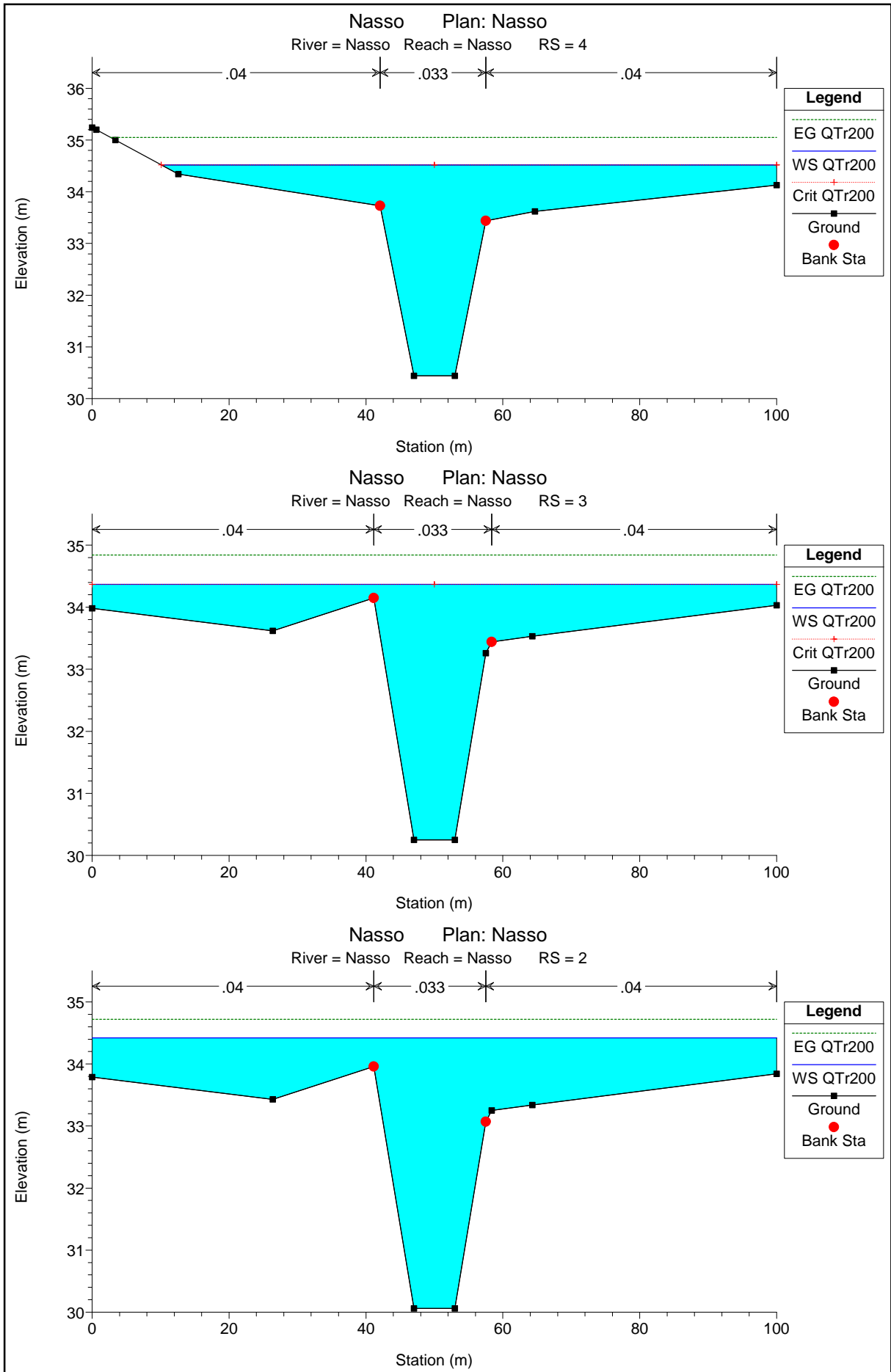
Legend	
EG QTr200	(Green dashed line)
WS QTr200	(Blue solid line)
Crit QTr200	(Red dashed line with markers)
Ground	(Black solid line with markers)
LOB	(Purple dashed line)
ROB	(Green dotted line)

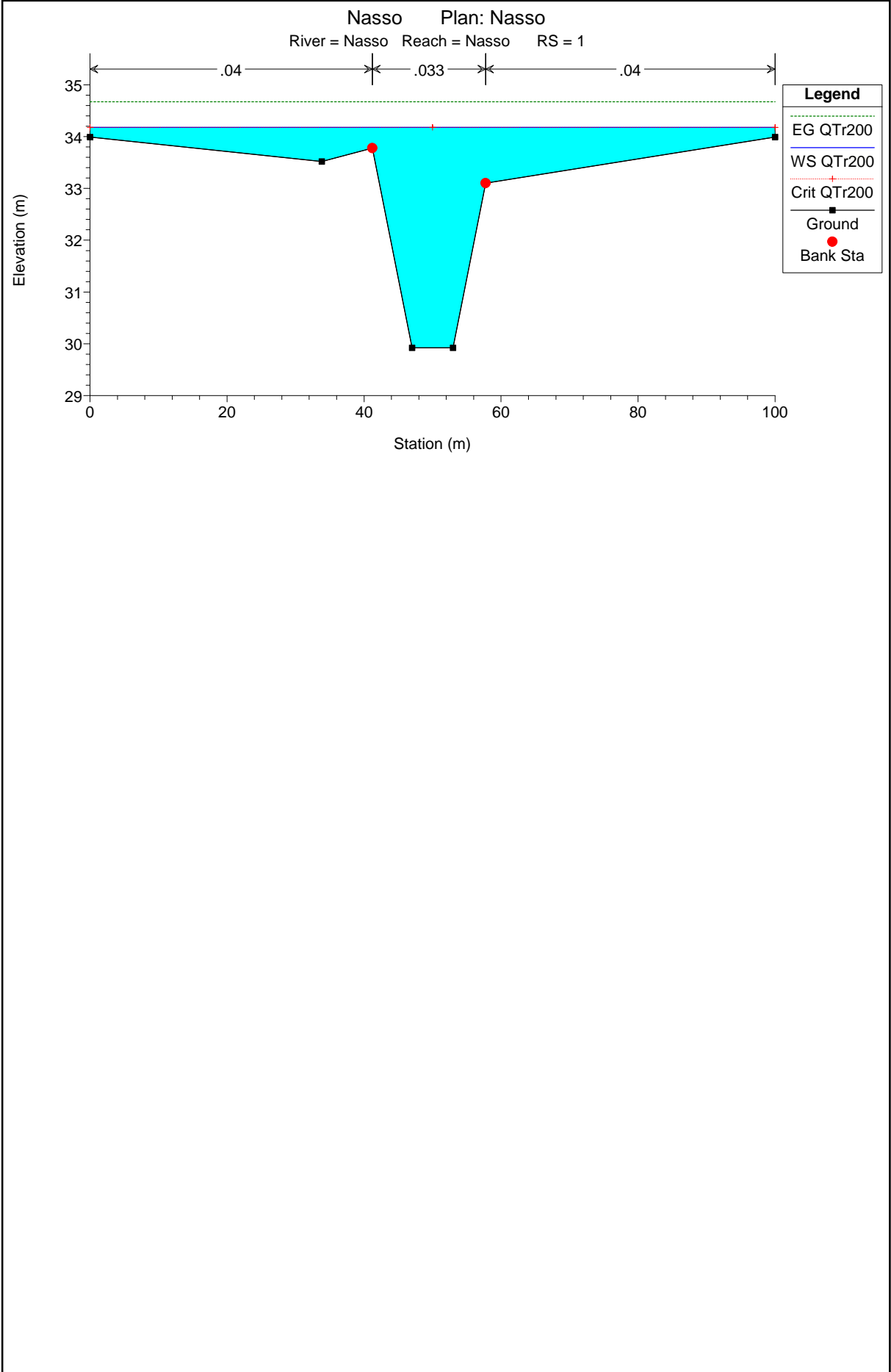












HEC-RAS Plan: Nasso River: Nasso Reach: Nasso Profile: QTr500

Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
			(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
Nasso	16	QTr500	266.06	32.72	36.55	36.55	37.21	0.005674	4.13	88.37	58.75	0.80
Nasso	15	QTr500	266.06	32.53	35.89	35.89	36.60	0.007686	4.38	81.08	54.17	0.91
Nasso	14	QTr500	266.06	32.34	35.70	35.70	36.41	0.007686	4.38	81.08	54.17	0.91
Nasso	13	QTr500	266.06	32.15	35.87		36.10	0.002140	2.48	131.11	58.58	0.49
Nasso	12	QTr500	266.06	31.96	35.81		36.06	0.002203	2.65	128.08	59.25	0.50
Nasso	11	QTr500	266.06	31.77	35.75		36.02	0.002444	2.80	123.27	59.26	0.53
Nasso	10	QTr500	266.06	31.58	35.61		35.97	0.003108	3.16	112.10	59.05	0.59
Nasso	9	QTr500	266.06	31.39	35.32	35.22	35.90	0.004798	3.90	93.81	63.29	0.74
Nasso	8	QTr500	266.06	31.20	35.14	35.14	35.81	0.005324	4.12	89.24	68.89	0.78
Nasso	7	QTr500	266.06	31.01	35.02	35.02	35.69	0.005027	4.09	90.17	66.66	0.76
Nasso	6	QTr500	266.06	30.82	34.91	34.91	35.57	0.004777	4.05	91.59	70.08	0.74
Nasso	5	QTr500	266.06	30.63	34.84	34.84	35.47	0.004257	3.96	97.15	80.28	0.71
Nasso	4	QTr500	266.06	30.44	34.69	34.69	35.25	0.003729	3.79	108.44	92.35	0.67
Nasso	3	QTr500	266.06	30.25	34.51	34.51	35.02	0.003805	3.64	112.83	100.00	0.67
Nasso	2	QTr500	266.06	30.06	34.59		34.91	0.002239	3.00	139.68	100.00	0.52
Nasso	1	QTr500	266.06	29.92	34.33	34.33	34.86	0.003506	3.65	112.23	100.00	0.64

HEC-RAS Plan: Nasso River: Nasso Reach: Nasso Profile: QTr200

Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Nasso	16	QTr200	221.65	32.72	36.32	36.32	36.97	0.005935	4.04	74.64	57.26	0.81
Nasso	15	QTr200	221.65	32.53	35.71	35.71	36.35	0.007486	4.15	71.24	51.58	0.89
Nasso	14	QTr200	221.65	32.34	35.52	35.52	36.16	0.007485	4.15	71.24	51.58	0.89
Nasso	13	QTr200	221.65	32.15	35.66		35.86	0.002007	2.31	119.03	58.27	0.47
Nasso	12	QTr200	221.65	31.96	35.61		35.82	0.002073	2.45	116.24	58.78	0.48
Nasso	11	QTr200	221.65	31.77	35.55		35.79	0.002298	2.60	111.64	58.67	0.51
Nasso	10	QTr200	221.65	31.58	35.42		35.74	0.002931	2.97	100.69	58.76	0.57
Nasso	9	QTr200	221.65	31.39	35.08	35.06	35.66	0.005091	3.81	79.75	58.54	0.75
Nasso	8	QTr200	221.65	31.20	34.97	34.97	35.58	0.005087	3.86	78.26	58.66	0.75
Nasso	7	QTr200	221.65	31.01	34.84	34.84	35.46	0.004912	3.87	78.17	61.93	0.74
Nasso	6	QTr200	221.65	30.82	34.72	34.72	35.34	0.004727	3.85	78.41	64.06	0.73
Nasso	5	QTr200	221.65	30.63	34.65	34.65	35.25	0.004214	3.77	82.01	73.77	0.70
Nasso	4	QTr200	221.65	30.44	34.52	34.52	35.05	0.003626	3.60	92.54	89.92	0.65
Nasso	3	QTr200	221.65	30.25	34.37	34.37	34.84	0.003577	3.42	98.49	100.00	0.64
Nasso	2	QTr200	221.65	30.06	34.42		34.72	0.002139	2.84	122.81	100.00	0.50
Nasso	1	QTr200	221.65	29.92	34.18	34.18	34.67	0.003321	3.44	96.67	100.00	0.62

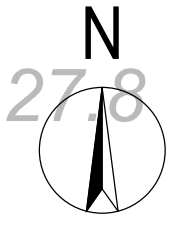
HEC-RAS Plan: Nasso River: Nasso Reach: Nasso Profile: QTr100

Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Nasso	16	QTr100	189.90	32.72	36.18	36.18	36.79	0.005616	3.82	66.86	55.11	0.78
Nasso	15	QTr100	189.90	32.53	35.56	35.56	36.16	0.007372	3.98	63.69	49.62	0.87
Nasso	14	QTr100	189.90	32.34	35.37	35.37	35.97	0.007371	3.98	63.70	49.62	0.87
Nasso	13	QTr100	189.90	32.15	35.50		35.67	0.001897	2.17	109.74	58.03	0.45
Nasso	12	QTr100	189.90	31.96	35.46		35.64	0.001966	2.29	107.14	58.36	0.46
Nasso	11	QTr100	189.90	31.77	35.39		35.61	0.002165	2.45	102.62	58.44	0.49
Nasso	10	QTr100	189.90	31.58	35.27		35.56	0.002769	2.81	92.02	58.54	0.55
Nasso	9	QTr100	189.90	31.39	34.93	34.93	35.48	0.005016	3.67	70.72	58.31	0.74
Nasso	8	QTr100	189.90	31.20	34.84	34.84	35.40	0.004789	3.66	70.43	58.46	0.73
Nasso	7	QTr100	189.90	31.01	34.68	34.68	35.27	0.004901	3.72	68.63	58.51	0.73
Nasso	6	QTr100	189.90	30.82	34.57	34.57	35.15	0.004625	3.67	69.07	59.38	0.72
Nasso	5	QTr100	189.90	30.63	34.48	34.48	35.07	0.004262	3.65	69.85	68.02	0.69
Nasso	4	QTr100	189.90	30.44	34.38	34.38	34.89	0.003511	3.44	80.30	88.00	0.64
Nasso	3	QTr100	189.90	30.25	34.25	34.25	34.70	0.003444	3.26	86.22	100.00	0.62
Nasso	2	QTr100	189.90	30.06	34.31	34.06	34.58	0.001974	2.66	111.42	100.00	0.48
Nasso	1	QTr100	189.90	29.92	33.95	33.95	34.52	0.003840	3.52	74.41	95.73	0.66

HEC-RAS Plan: Nasso River: Nasso Reach: Nasso Profile: QTr50

Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
			(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
Nasso	16	QTr50	157.68	32.72	36.02	36.02	36.57	0.005299	3.59	58.10	52.58	0.75
Nasso	15	QTr50	157.68	32.53	35.41	35.41	35.95	0.006810	3.72	56.65	47.94	0.83
Nasso	14	QTr50	157.68	32.34	35.22	35.22	35.76	0.006809	3.72	56.65	47.94	0.83
Nasso	13	QTr50	157.68	32.15	35.32		35.47	0.001791	2.03	99.13	57.76	0.43
Nasso	12	QTr50	157.68	31.96	35.28		35.44	0.001860	2.14	96.68	57.98	0.45
Nasso	11	QTr50	157.68	31.77	35.22		35.40	0.002041	2.30	92.23	58.17	0.47
Nasso	10	QTr50	157.68	31.58	35.10		35.36	0.002630	2.65	81.83	58.28	0.53
Nasso	9	QTr50	157.68	31.39	34.78	34.78	35.29	0.004708	3.45	61.82	58.08	0.71
Nasso	8	QTr50	157.68	31.20	34.66	34.66	35.20	0.004647	3.48	60.24	58.19	0.71
Nasso	7	QTr50	157.68	31.01	34.52	34.52	35.07	0.004564	3.48	59.49	58.27	0.70
Nasso	6	QTr50	157.68	30.82	34.38	34.38	34.94	0.004564	3.51	57.93	58.33	0.71
Nasso	5	QTr50	157.68	30.63	34.25	34.25	34.85	0.004513	3.55	55.44	60.43	0.70
Nasso	4	QTr50	157.68	30.44	33.96	33.96	34.69	0.005433	3.86	47.71	57.04	0.77
Nasso	3	QTr50	157.68	30.25	33.42	33.42	34.51	0.009864	4.62	34.12	16.05	1.01
Nasso	2	QTr50	157.68	30.06	33.20	33.20	34.32	0.009733	4.69	33.64	15.85	1.01
Nasso	1	QTr50	157.68	29.92	33.07	33.07	34.18	0.009782	4.67	33.76	15.45	1.01

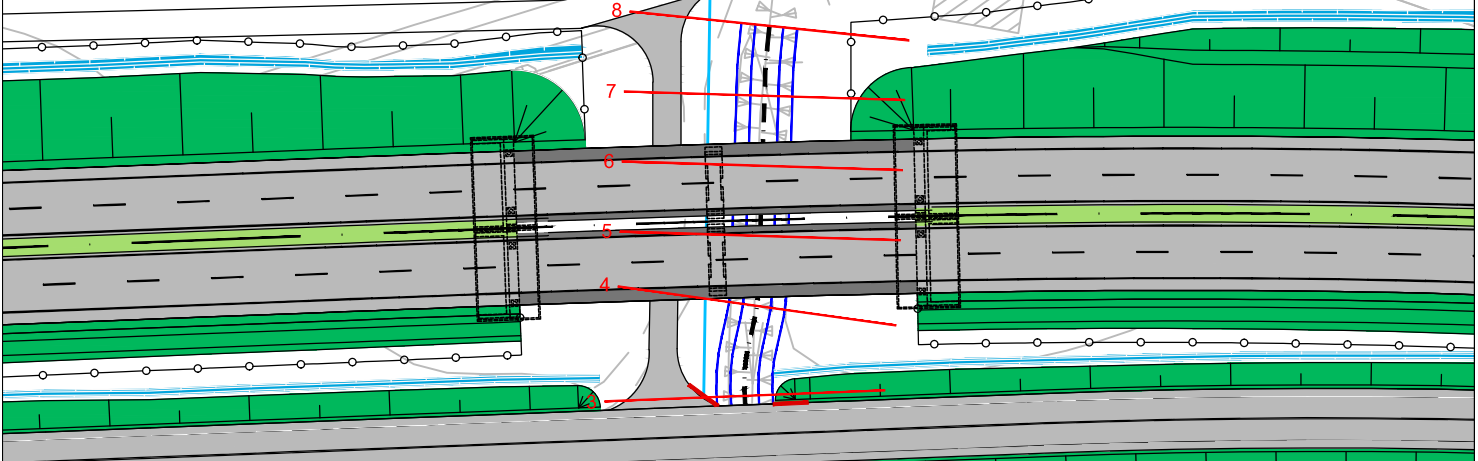
FOSSO DEL COPPO
PLANIMETRIA UBICAZIONE
SEZIONI MODELLO IDRAULICO



28.1

26.2

26.8



INALVEAZIONE
TIPO A5 L=80 m

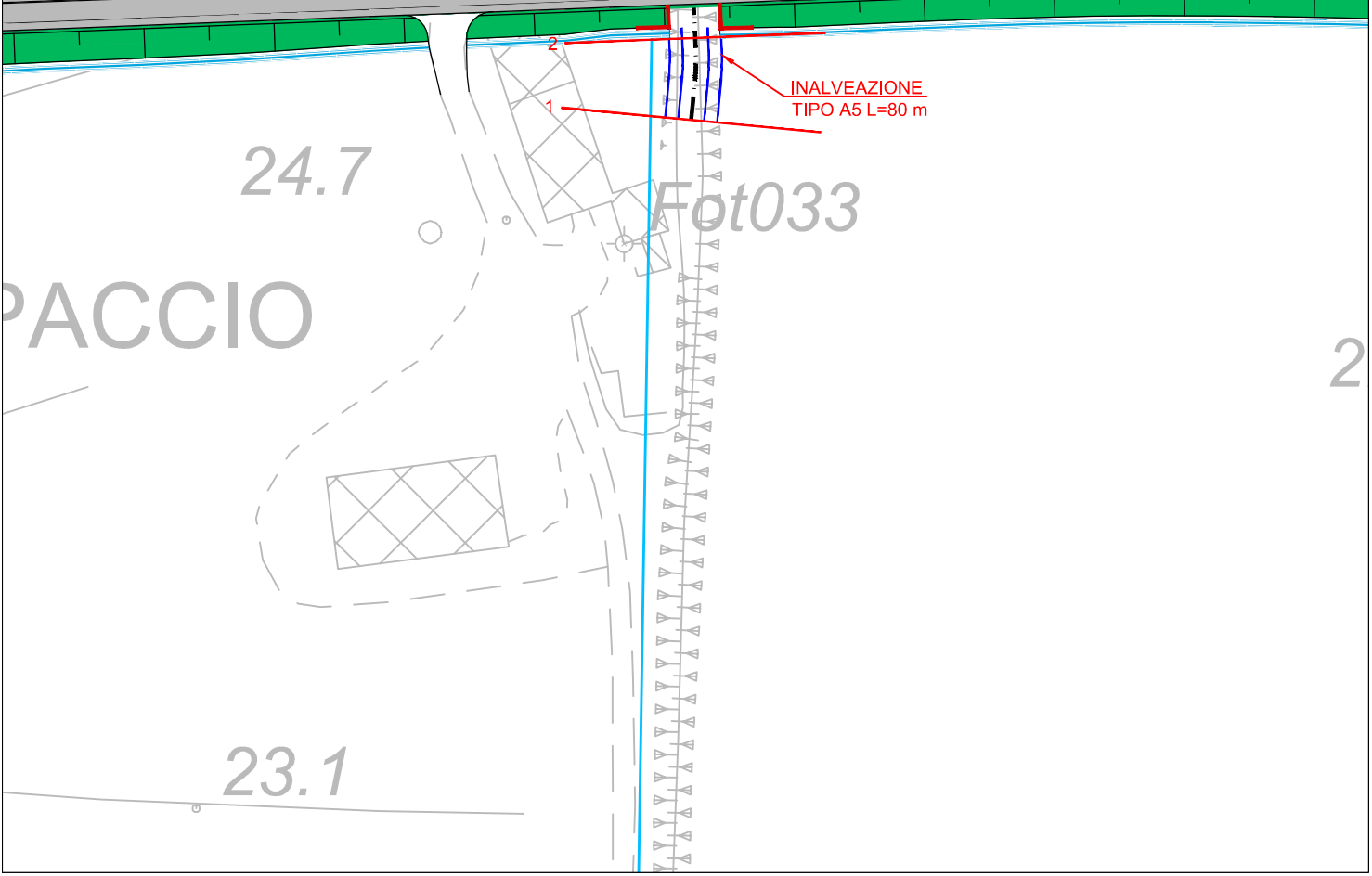
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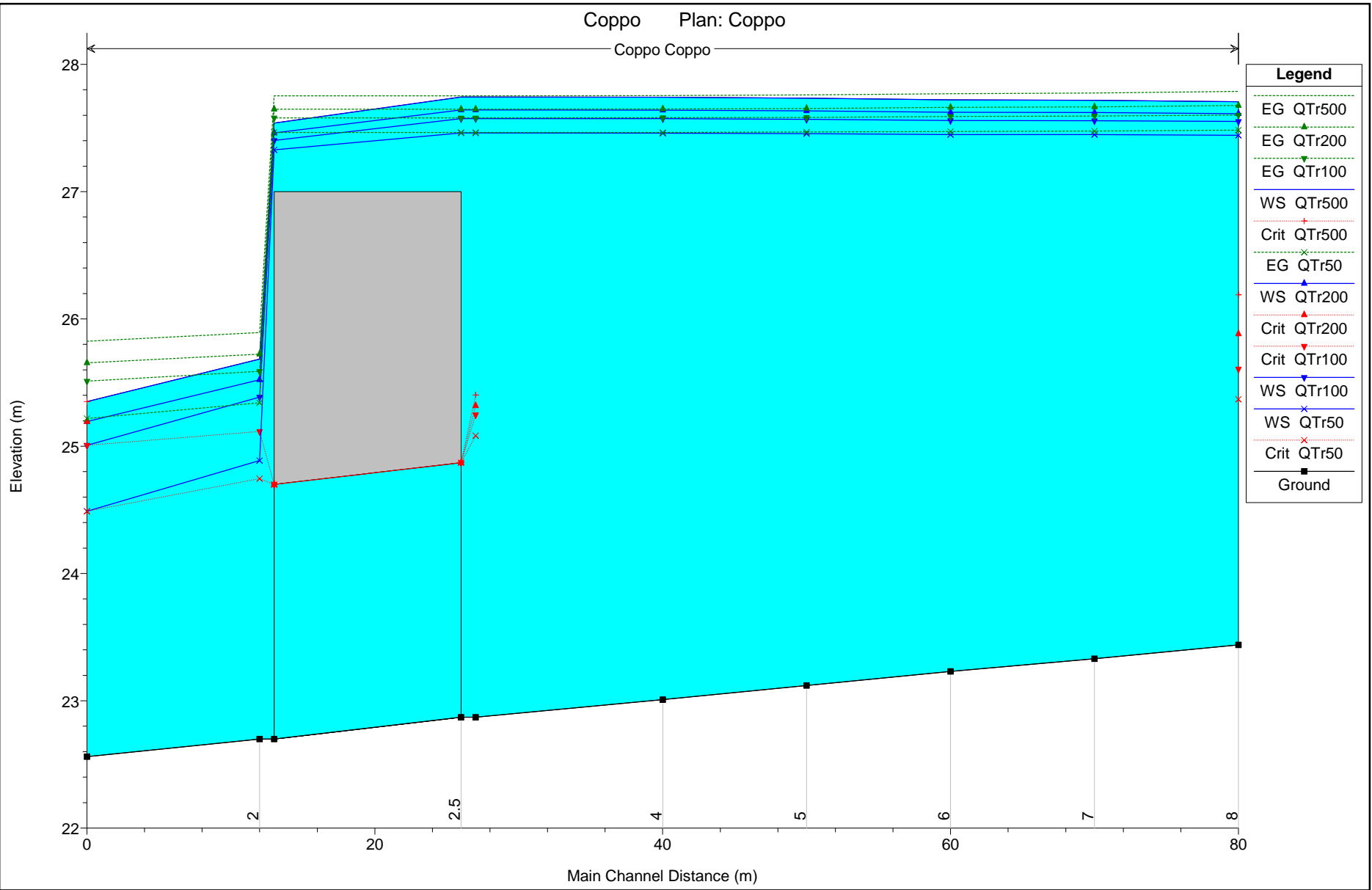
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23.1



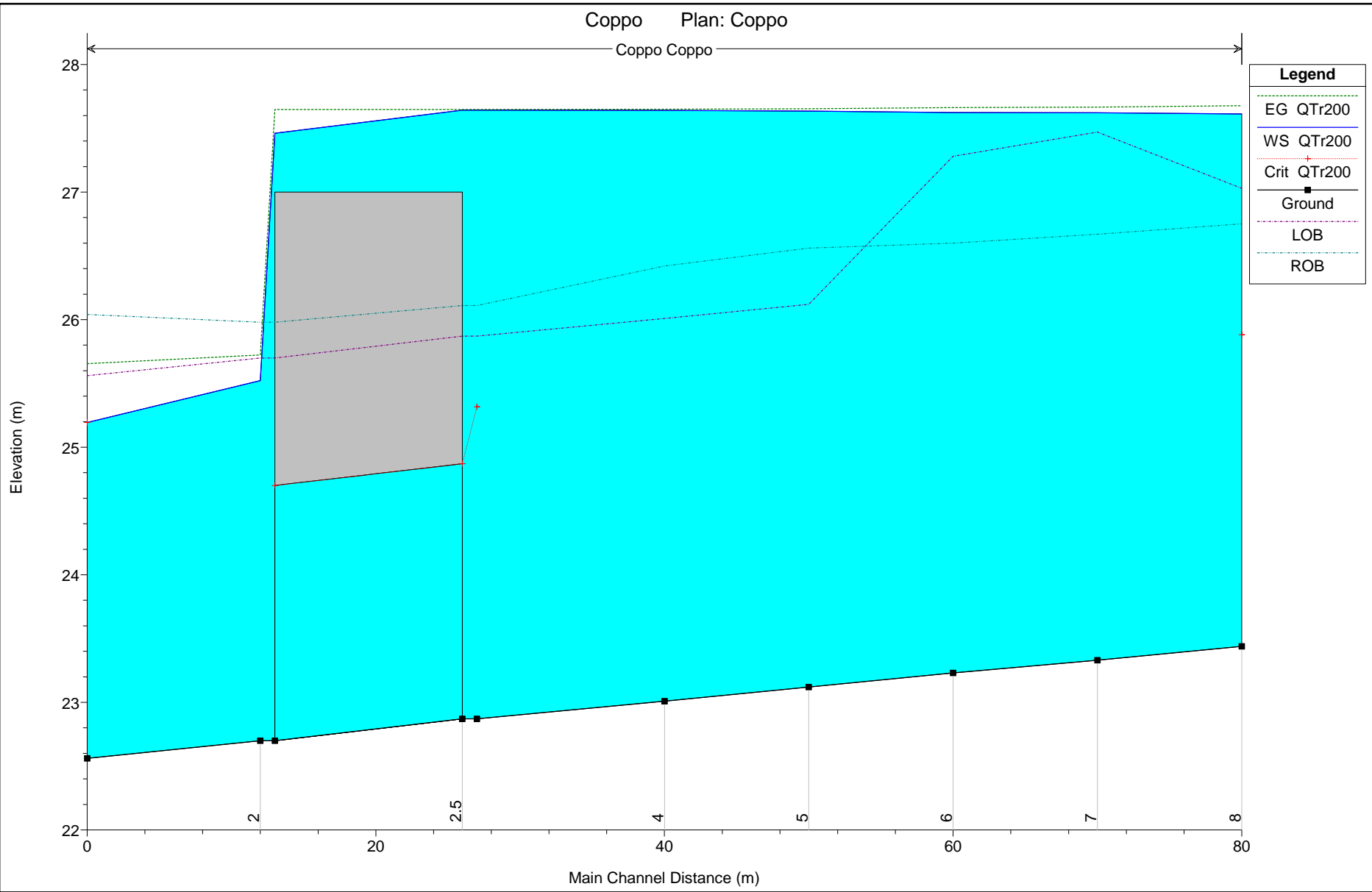
Coppo Plan: Coppo

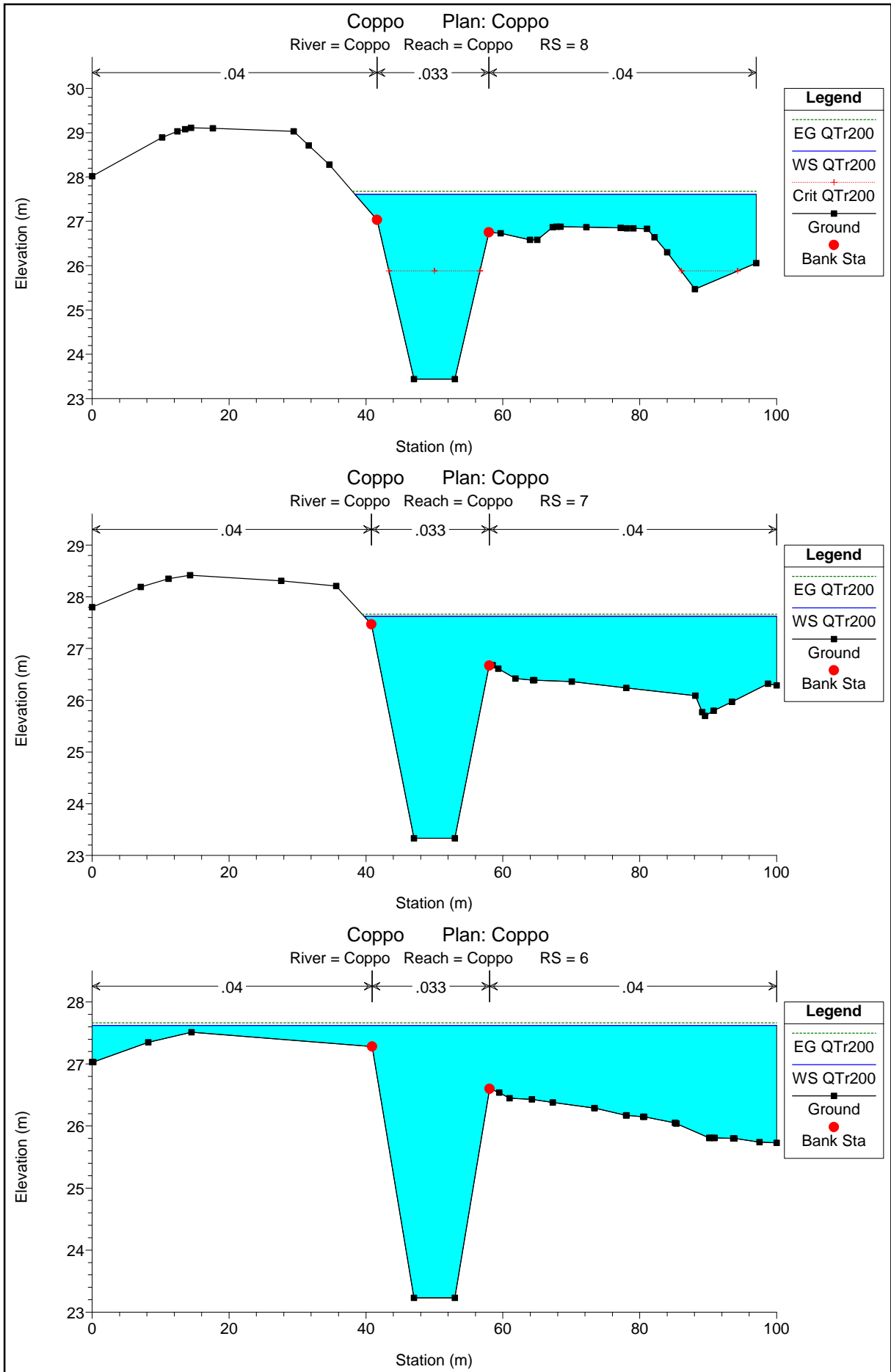
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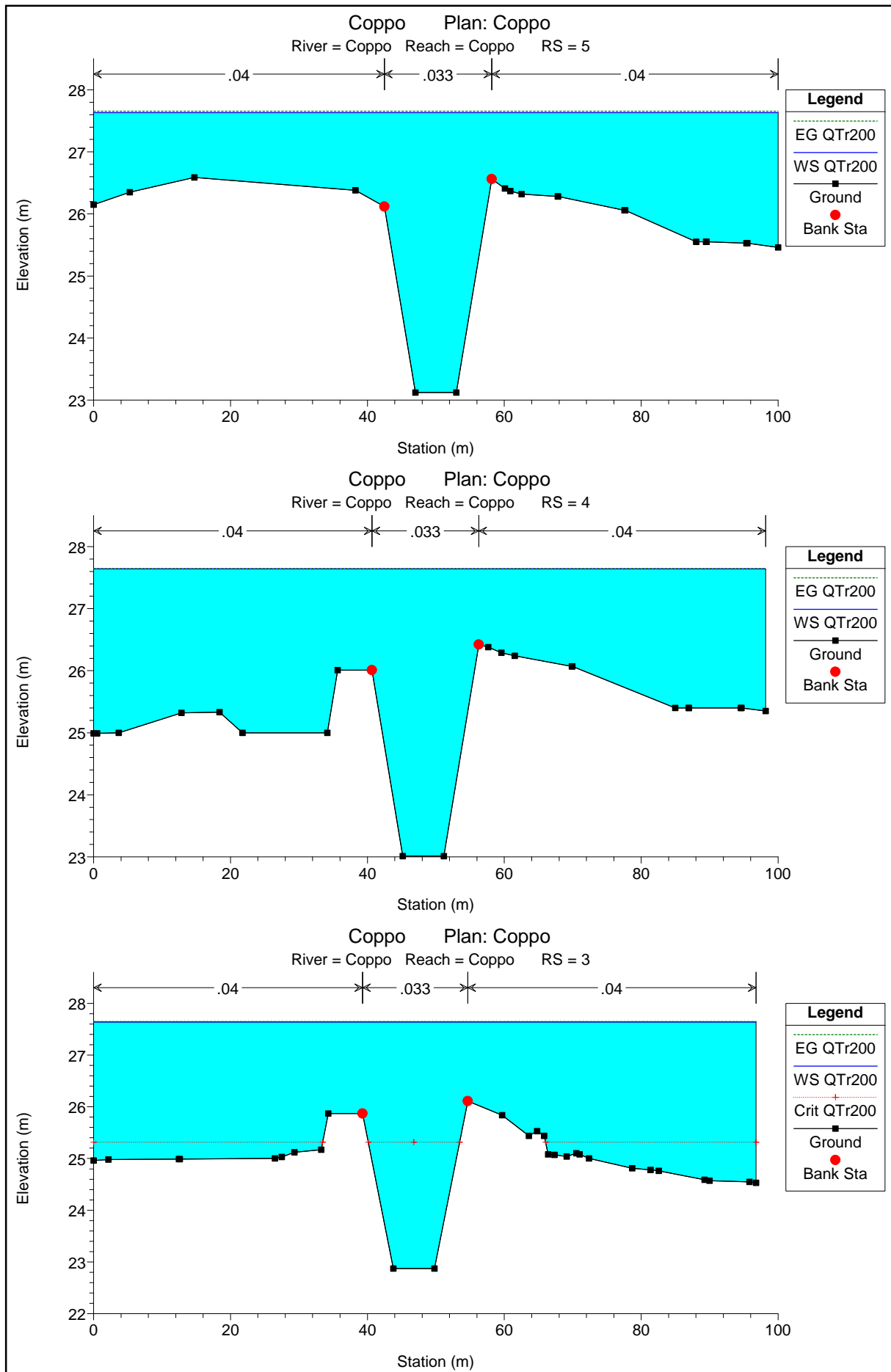


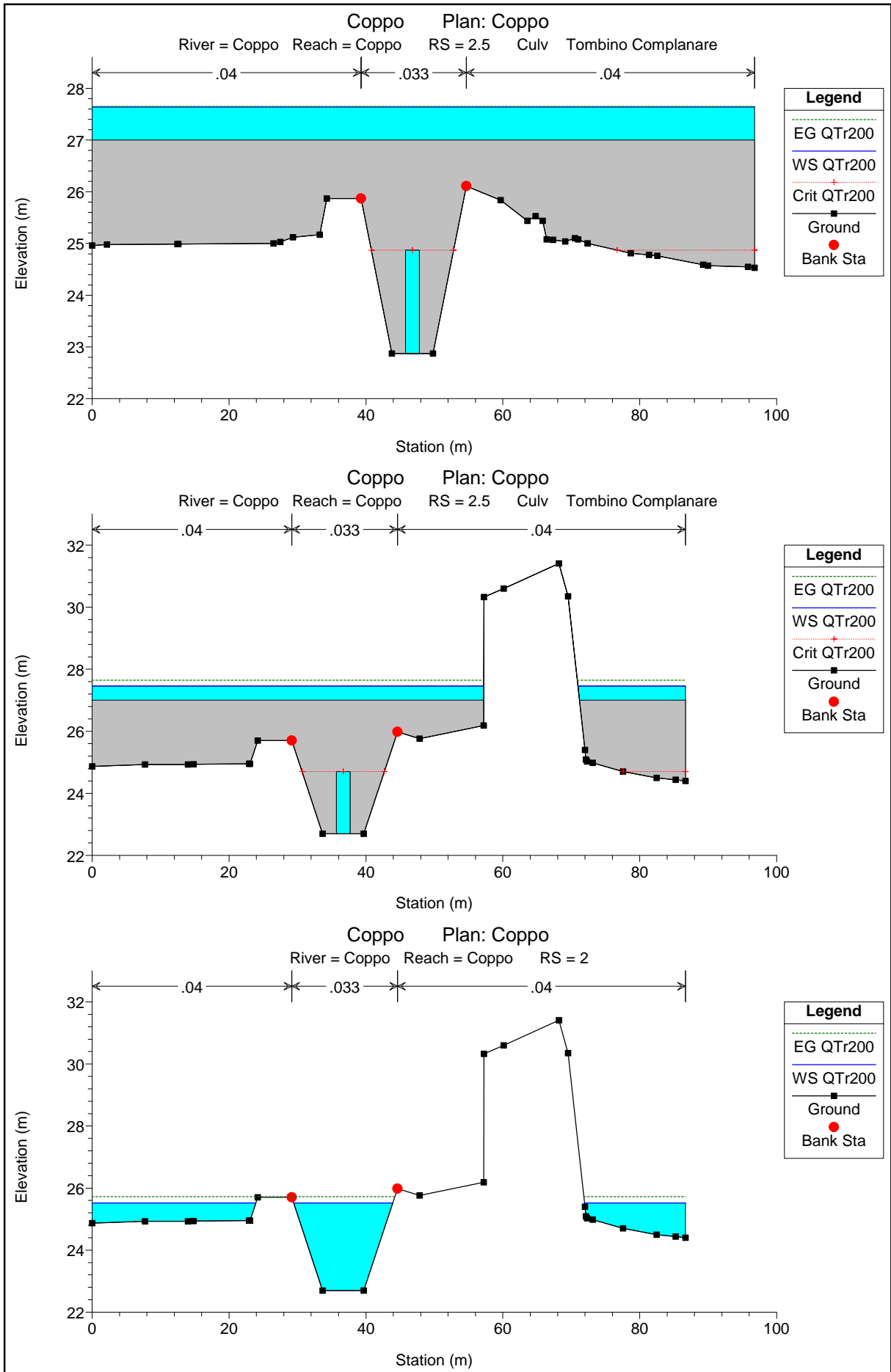
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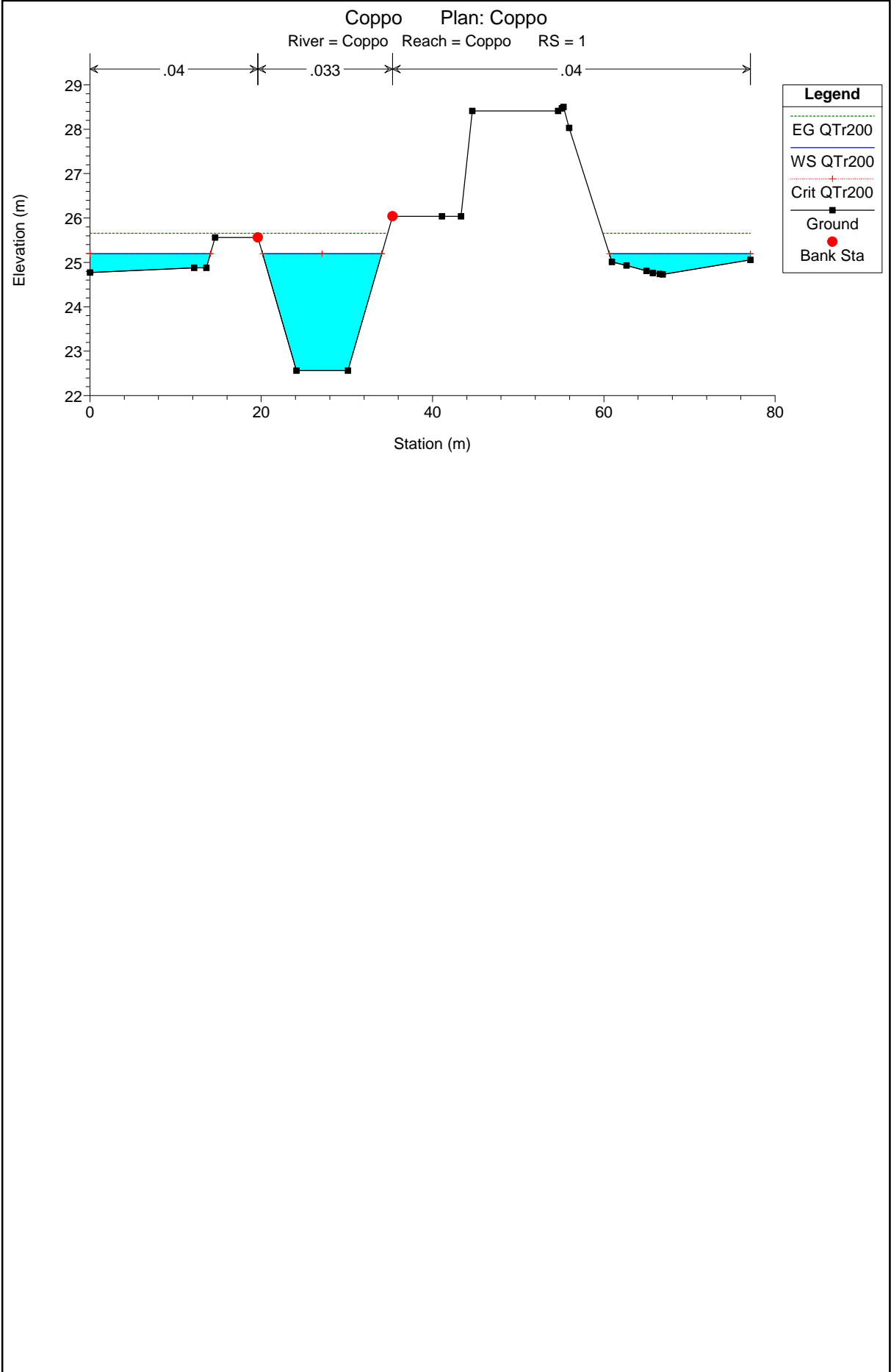
Coppo Coppo











HEC-RAS Plan: Coppo River: Coppo Reach: Coppo Profile: QTr500

Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Coppo	8	QTr500	109.49	23.44	27.71	26.19	27.79	0.000581	1.46	102.43	59.15	0.26
Coppo	7	QTr500	109.49	23.33	27.72		27.78	0.000436	1.25	116.90	60.92	0.23
Coppo	6	QTr500	109.49	23.23	27.72		27.77	0.000352	1.15	137.53	100.00	0.20
Coppo	5	QTr500	109.49	23.12	27.73		27.76	0.000185	0.90	187.37	100.00	0.15
Coppo	4	QTr500	109.49	23.01	27.74		27.75	0.000090	0.64	242.27	98.17	0.11
Coppo	3	QTr500	109.49	22.87	27.74	25.40	27.75	0.000061	0.54	276.23	96.79	0.09
Coppo	2.5		Culvert									
Coppo	2	QTr500	109.49	22.70	25.69		25.89	0.002603	2.34	64.22	53.95	0.52
Coppo	1	QTr500	109.49	22.56	25.35	25.35	25.82	0.005442	3.27	43.34	45.40	0.74

HEC-RAS Plan: Coppo River: Coppo Reach: Coppo Profile: QTr200

Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Coppo	8	QTr200	91.22	23.44	27.61	25.88	27.68	0.000468	1.28	96.91	58.62	0.23
Coppo	7	QTr200	91.22	23.33	27.62		27.67	0.000351	1.10	111.08	60.25	0.20
Coppo	6	QTr200	91.22	23.23	27.62		27.66	0.000288	1.02	127.75	100.00	0.18
Coppo	5	QTr200	91.22	23.12	27.63		27.65	0.000151	0.80	177.34	100.00	0.14
Coppo	4	QTr200	91.22	23.01	27.64		27.65	0.000072	0.56	232.29	98.17	0.09
Coppo	3	QTr200	91.22	22.87	27.64	25.32	27.65	0.000047	0.47	266.37	96.79	0.08
Coppo	2.5		Culvert									
Coppo	2	QTr200	91.22	22.70	25.52		25.72	0.002587	2.27	55.47	53.13	0.51
Coppo	1	QTr200	91.22	22.56	25.19	25.19	25.66	0.005355	3.15	36.29	44.44	0.73

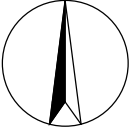
HEC-RAS Plan: Coppo River: Coppo Reach: Coppo Profile: QTr100

Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Coppo	8	QTr100	78.15	23.44	27.55	25.61	27.60	0.000379	1.14	93.31	58.28	0.21
Coppo	7	QTr100	78.15	23.33	27.56		27.59	0.000284	0.98	107.28	59.81	0.18
Coppo	6	QTr100	78.15	23.23	27.56		27.59	0.000236	0.91	121.33	100.00	0.17
Coppo	5	QTr100	78.15	23.12	27.57		27.58	0.000123	0.71	170.70	100.00	0.12
Coppo	4	QTr100	78.15	23.01	27.57		27.58	0.000057	0.50	225.68	98.17	0.08
Coppo	3	QTr100	78.15	22.87	27.57	25.25	27.58	0.000038	0.42	259.83	96.79	0.07
Coppo	2.5		Culvert									
Coppo	2	QTr100	78.15	22.70	25.39	25.12	25.59	0.002609	2.22	48.32	52.45	0.51
Coppo	1	QTr100	78.15	22.56	25.01	25.01	25.51	0.005963	3.20	28.12	41.60	0.77

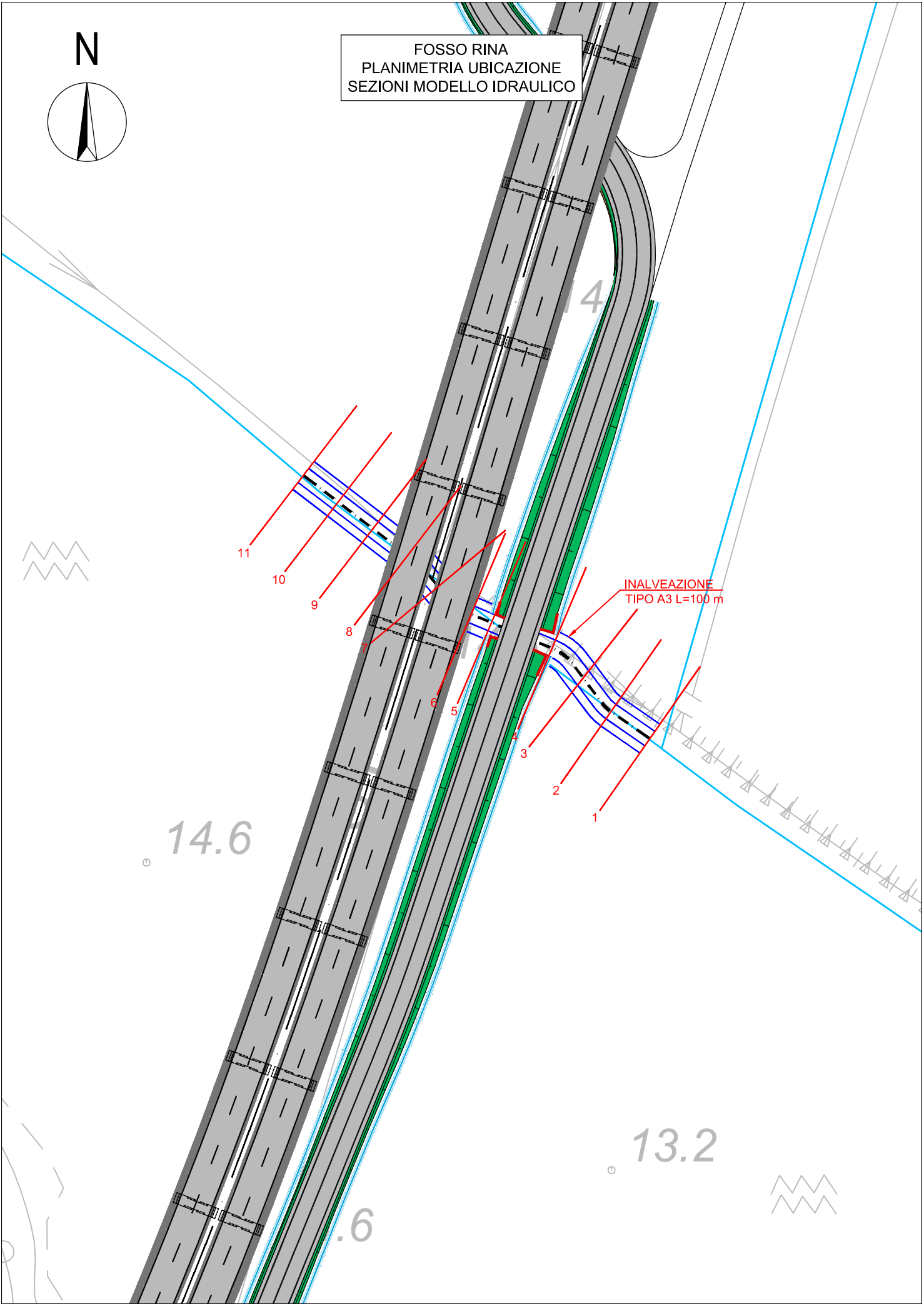
HEC-RAS Plan: Coppo River: Coppo Reach: Coppo Profile: QTr50

Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Coppo	8	QTr50	64.89	23.44	27.44	25.37	27.48	0.000314	1.01	87.00	57.67	0.19
Coppo	7	QTr50	64.89	23.33	27.45		27.48	0.000235	0.87	100.73	59.17	0.16
Coppo	6	QTr50	64.89	23.23	27.45		27.47	0.000197	0.81	110.55	90.49	0.15
Coppo	5	QTr50	64.89	23.12	27.46		27.47	0.000103	0.64	159.45	100.00	0.11
Coppo	4	QTr50	64.89	23.01	27.46		27.47	0.000046	0.44	214.56	98.17	0.07
Coppo	3	QTr50	64.89	22.87	27.46	25.08	27.46	0.000030	0.36	248.85	96.79	0.06
Coppo	2.5		Culvert									
Coppo	2	QTr50	64.89	22.70	24.89	24.75	25.34	0.006107	3.05	23.85	26.96	0.77
Coppo	1	QTr50	64.89	22.56	24.49	24.49	25.22	0.010700	3.78	17.16	11.79	1.00

N



FOSSO RINA
PLANIMETRIA UBICAZIONE
SEZIONI MODELLO IDRAULICO



INALVEAZIONE
TIPO A3 L=100 m

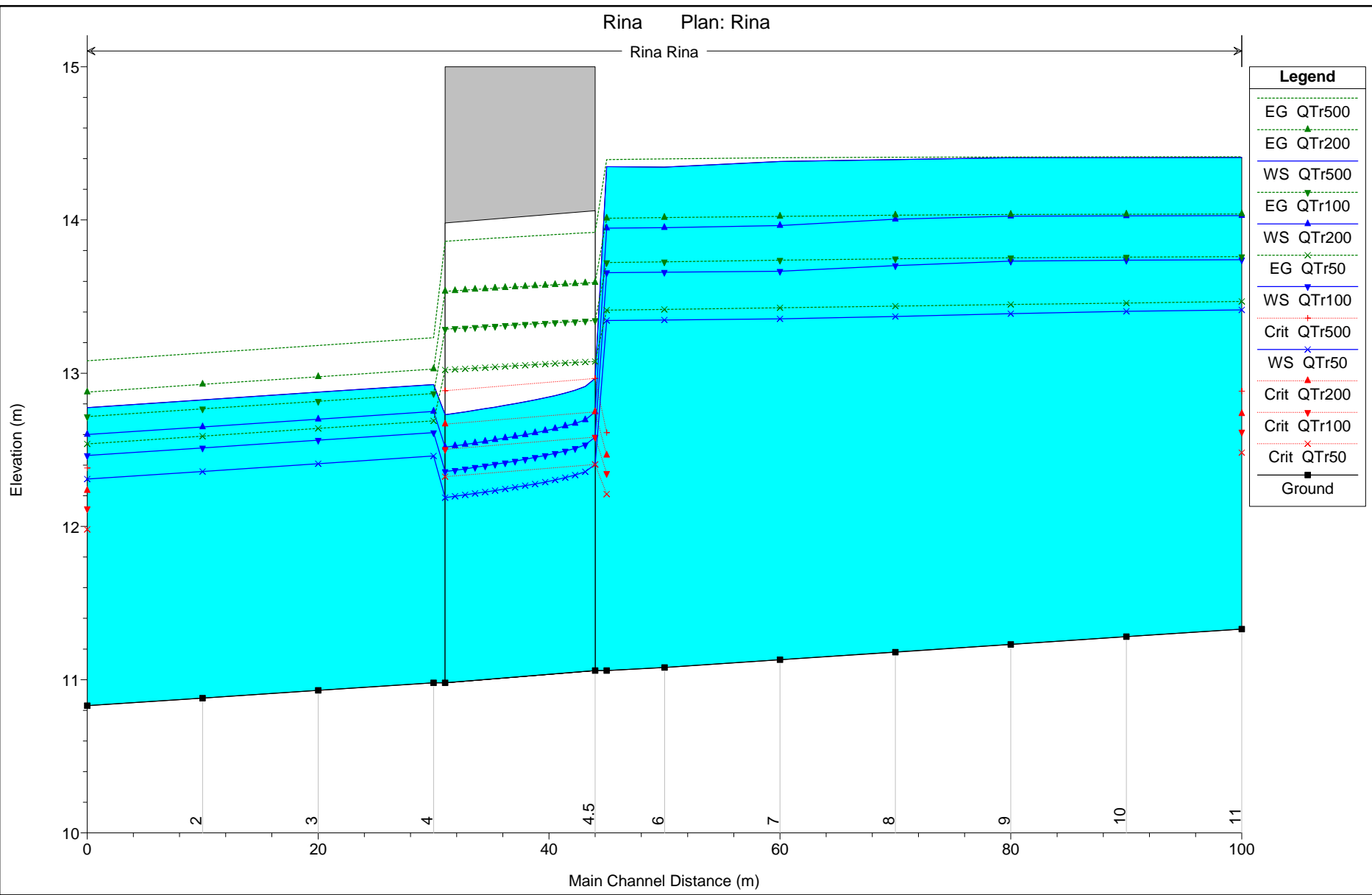
14.6

13.2

.6

Rina Plan: Rina

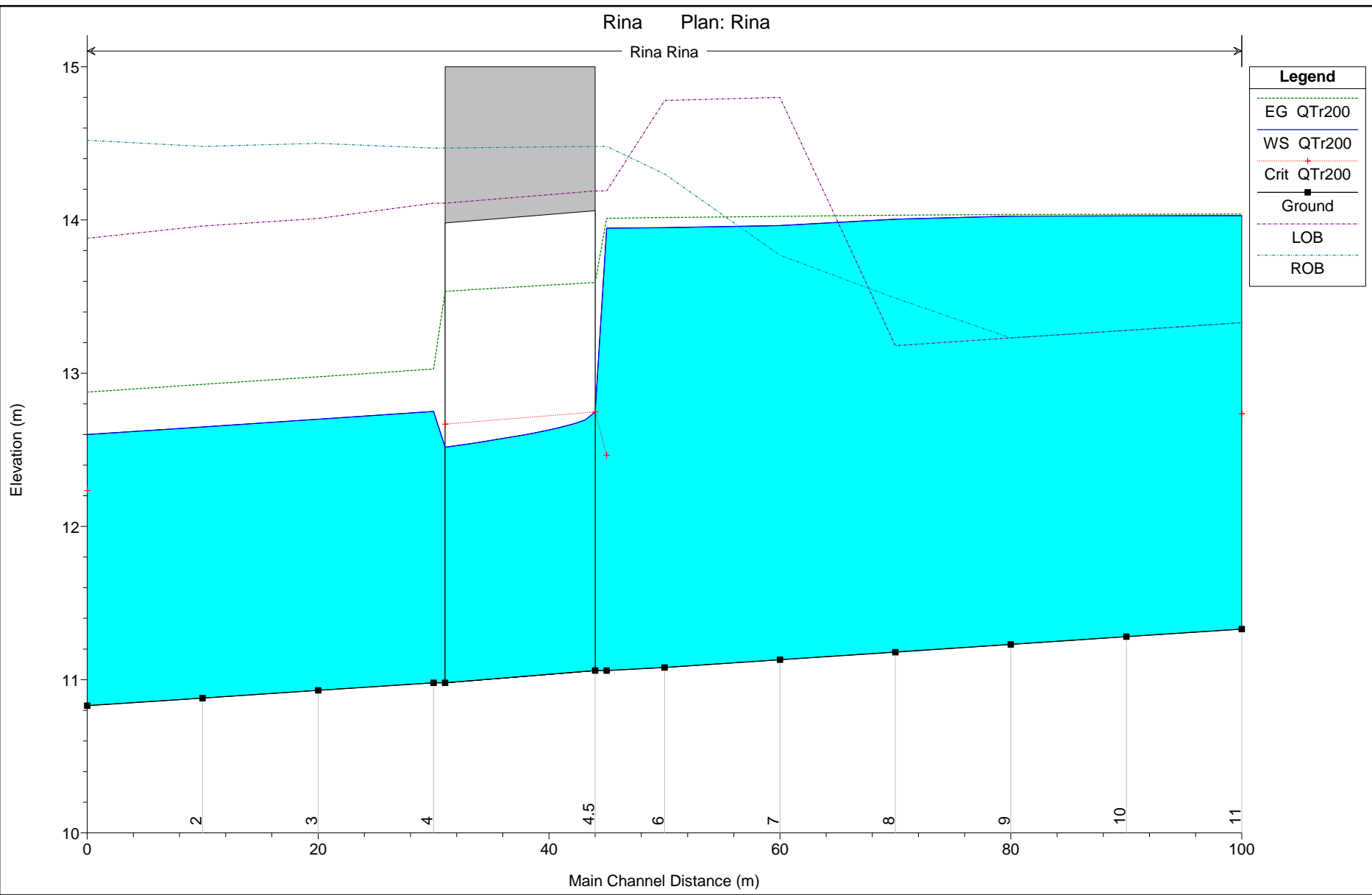
Rina Rina



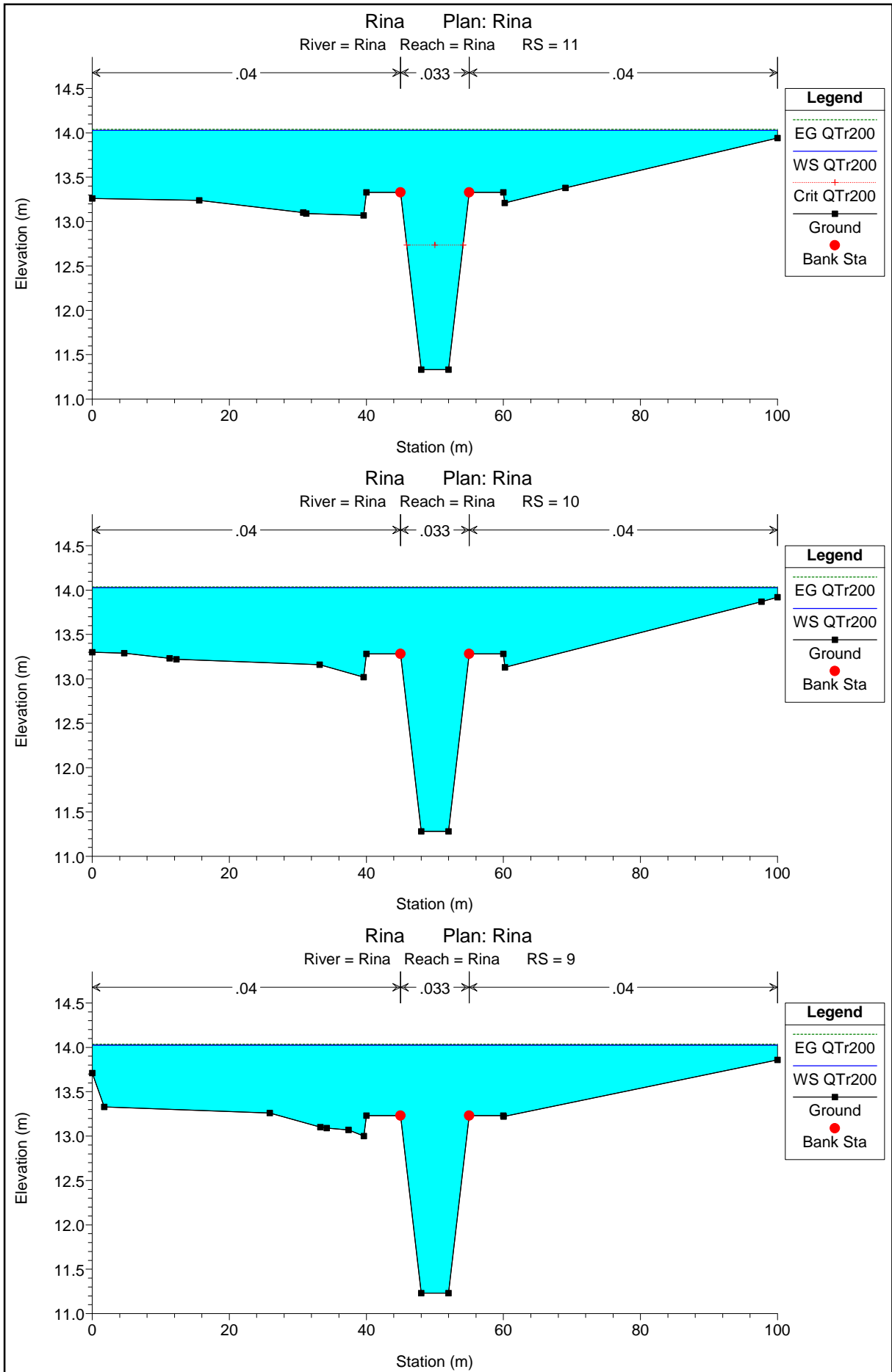
Legend	
EG QTr500	▲
EG QTr200	▼
WS QTr500	—
EG QTr100	▲
WS QTr200	—
EG QTr50	×
WS QTr100	—
Crit QTr500	+
WS QTr50	—
Crit QTr200	▲
Crit QTr100	▼
Crit QTr50	×
Ground	■

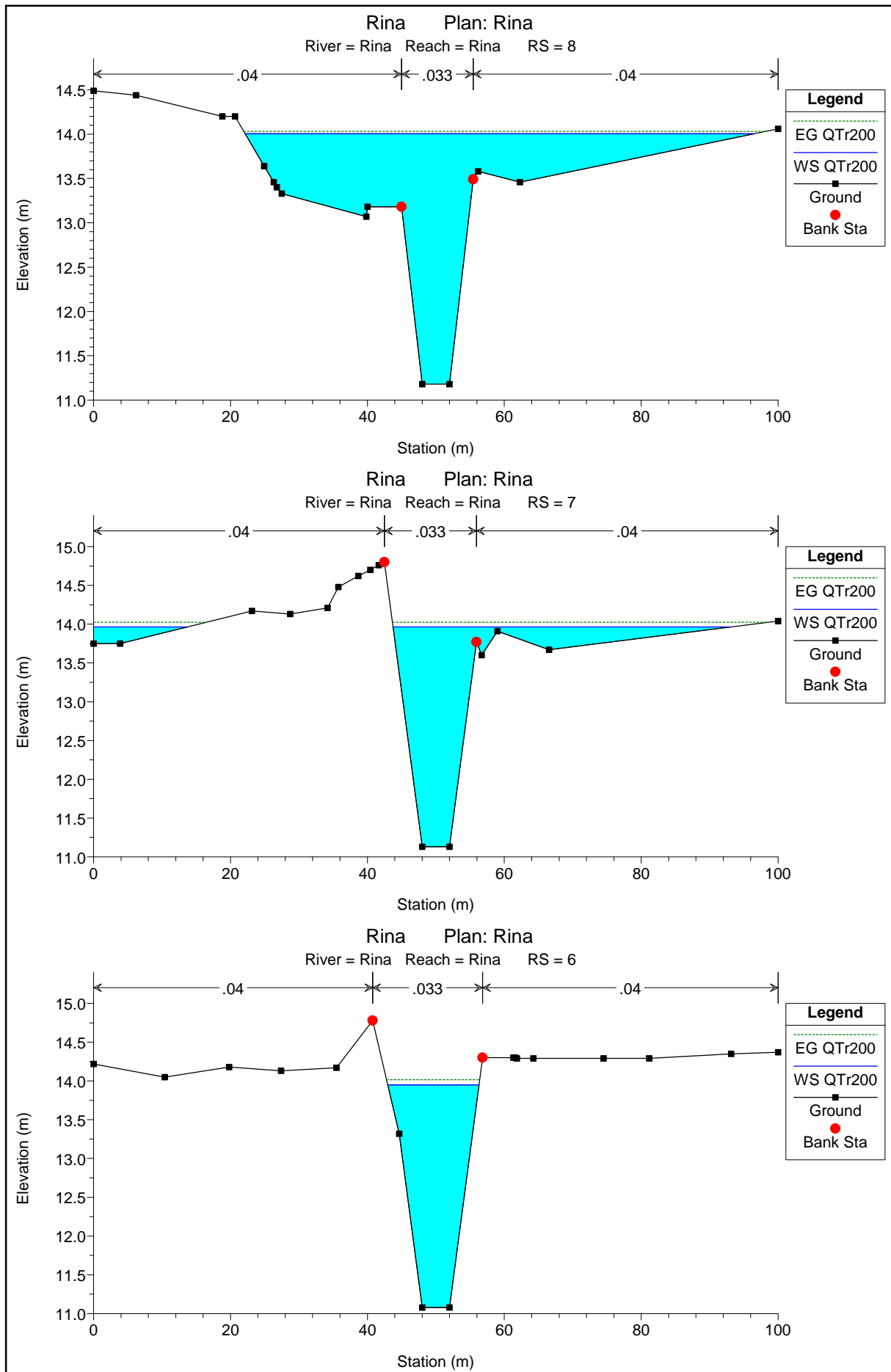
Rina Plan: Rina

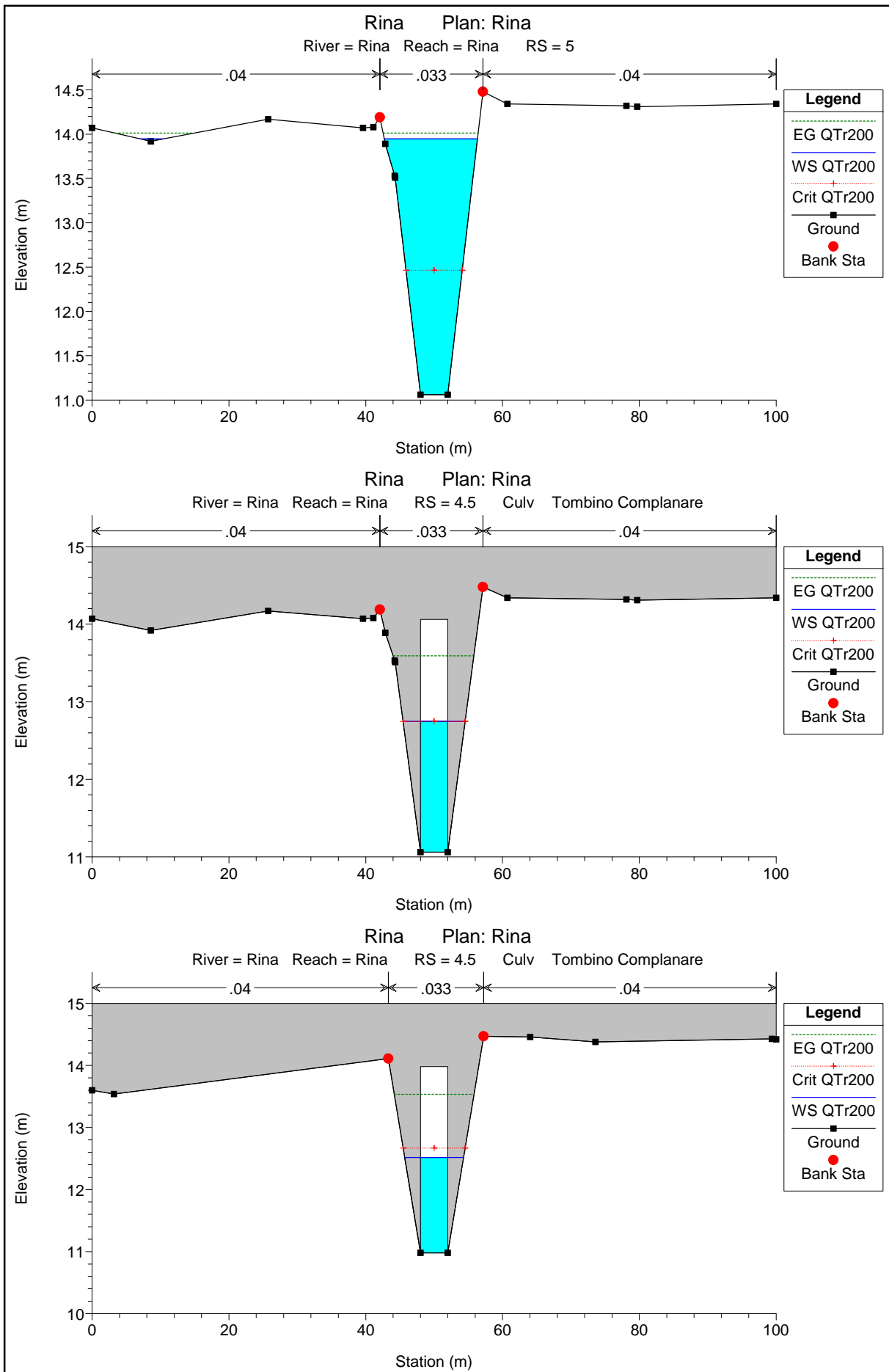
Rina Rina

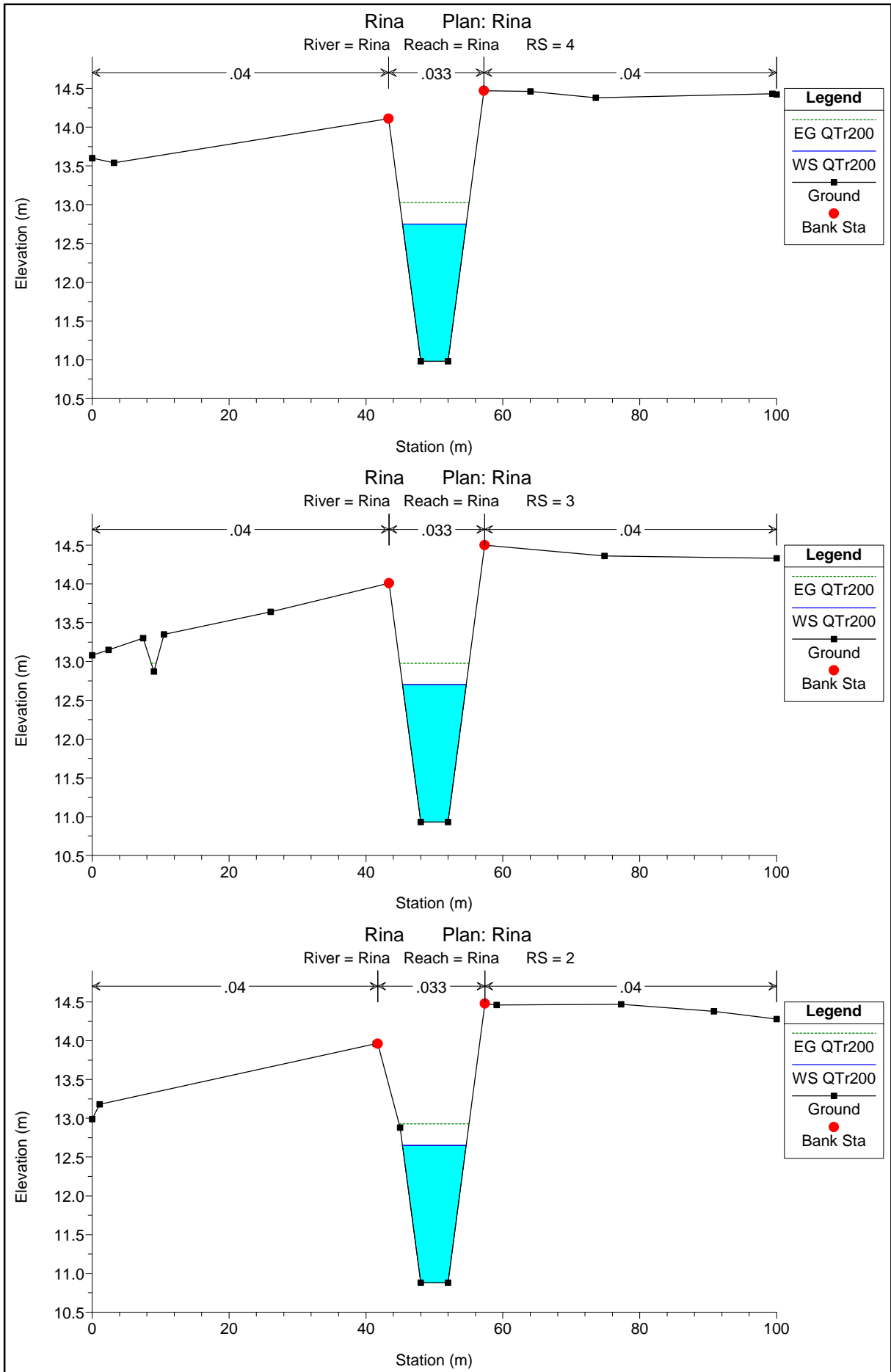


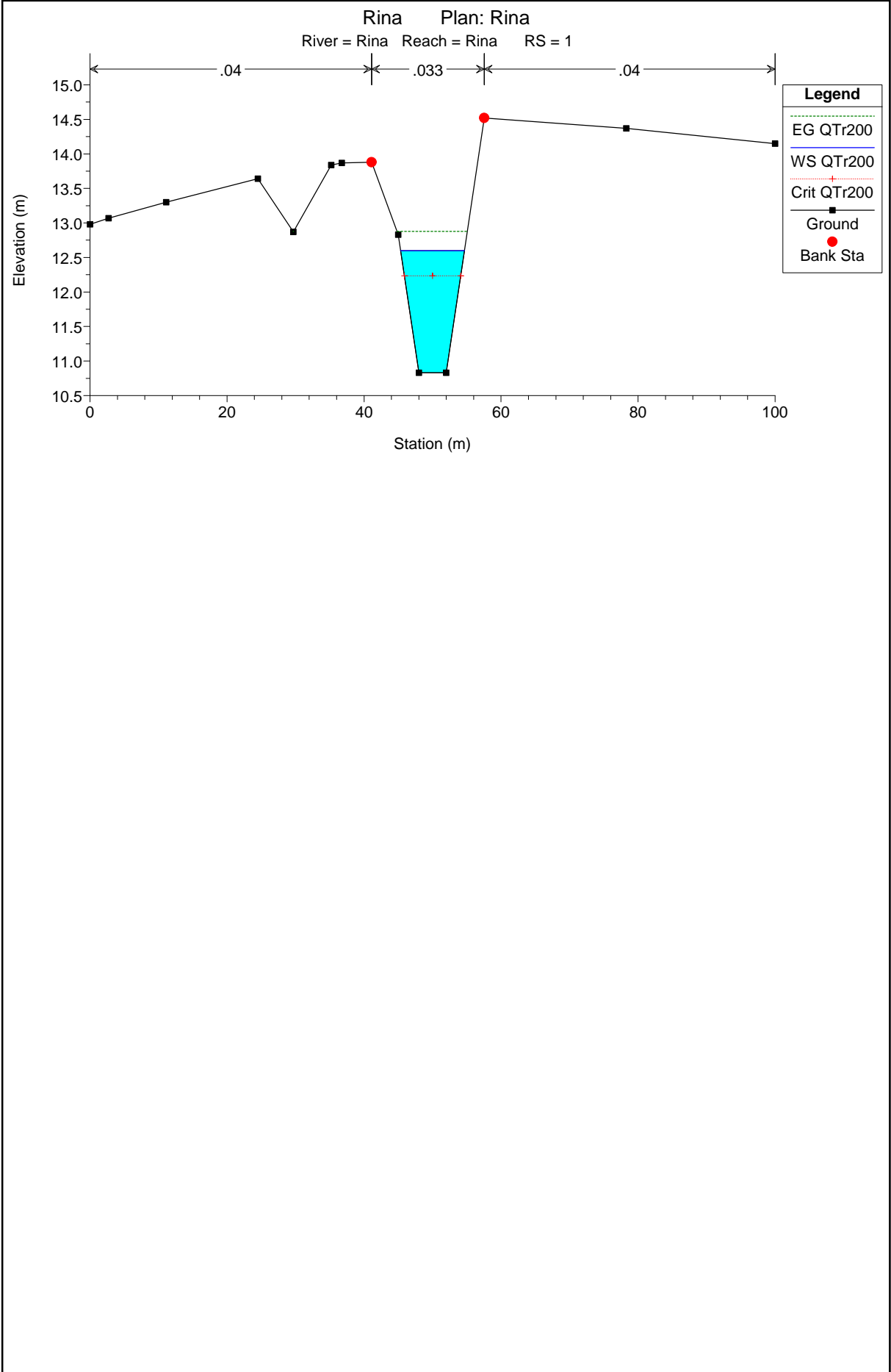
Legend	
EG QTr200	Green dotted line
WS QTr200	Blue solid line
Crit QTr200	Red dotted line with +
Ground	Black solid line with square
LOB	Purple dashed line
ROB	Green dotted line











HEC-RAS Plan: Rina River: Rina Reach: Rina Profile: QTr500

Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Rina	11	QTr500	32.98	11.33	14.41	12.88	14.41	0.000081	0.46	117.80	100.00	0.09
Rina	10	QTr500	32.98	11.28	14.41		14.41	0.000076	0.46	120.32	100.00	0.09
Rina	9	QTr500	32.98	11.23	14.41		14.41	0.000078	0.47	118.56	100.00	0.09
Rina	8	QTr500	32.98	11.18	14.39		14.41	0.000173	0.69	83.28	91.42	0.14
Rina	7	QTr500	32.98	11.13	14.38		14.41	0.000295	0.81	65.69	92.06	0.17
Rina	6	QTr500	32.98	11.08	14.35		14.40	0.000567	1.06	38.78	87.31	0.24
Rina	5	QTr500	32.98	11.06	14.35	12.61	14.39	0.000498	1.00	42.86	96.43	0.22
Rina	4.5		Culvert									
Rina	4	QTr500	32.98	10.98	12.93		13.23	0.005000	2.45	13.46	9.84	0.67
Rina	3	QTr500	32.98	10.93	12.88		13.18	0.004998	2.45	13.47	9.88	0.67
Rina	2	QTr500	32.98	10.88	12.83		13.13	0.005008	2.45	13.45	9.83	0.67
Rina	1	QTr500	32.98	10.83	12.78	12.38	13.08	0.004997	2.45	13.47	9.84	0.67

HEC-RAS Plan: Rina River: Rina Reach: Rina Profile: QTr200

Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Rina	11	QTr200	27.47	11.33	14.03	12.74	14.04	0.000169	0.60	79.90	100.00	0.13
Rina	10	QTr200	27.47	11.28	14.03		14.04	0.000156	0.58	82.37	100.00	0.13
Rina	9	QTr200	27.47	11.23	14.02		14.04	0.000162	0.60	80.47	100.00	0.13
Rina	8	QTr200	27.47	11.18	14.00		14.03	0.000329	0.85	51.22	74.36	0.18
Rina	7	QTr200	27.47	11.13	13.96		14.02	0.000677	1.12	31.08	62.97	0.26
Rina	6	QTr200	27.47	11.08	13.95		14.02	0.000756	1.14	24.05	13.33	0.27
Rina	5	QTr200	27.47	11.06	13.95	12.46	14.01	0.000753	1.13	24.31	16.94	0.27
Rina	4.5	Culvert										
Rina	4	QTr200	27.47	10.98	12.75		13.03	0.005002	2.33	11.78	9.31	0.66
Rina	3	QTr200	27.47	10.93	12.70		12.98	0.005000	2.33	11.78	9.31	0.66
Rina	2	QTr200	27.47	10.88	12.65		12.93	0.005011	2.33	11.77	9.30	0.66
Rina	1	QTr200	27.47	10.83	12.60	12.23	12.88	0.005001	2.33	11.78	9.31	0.66

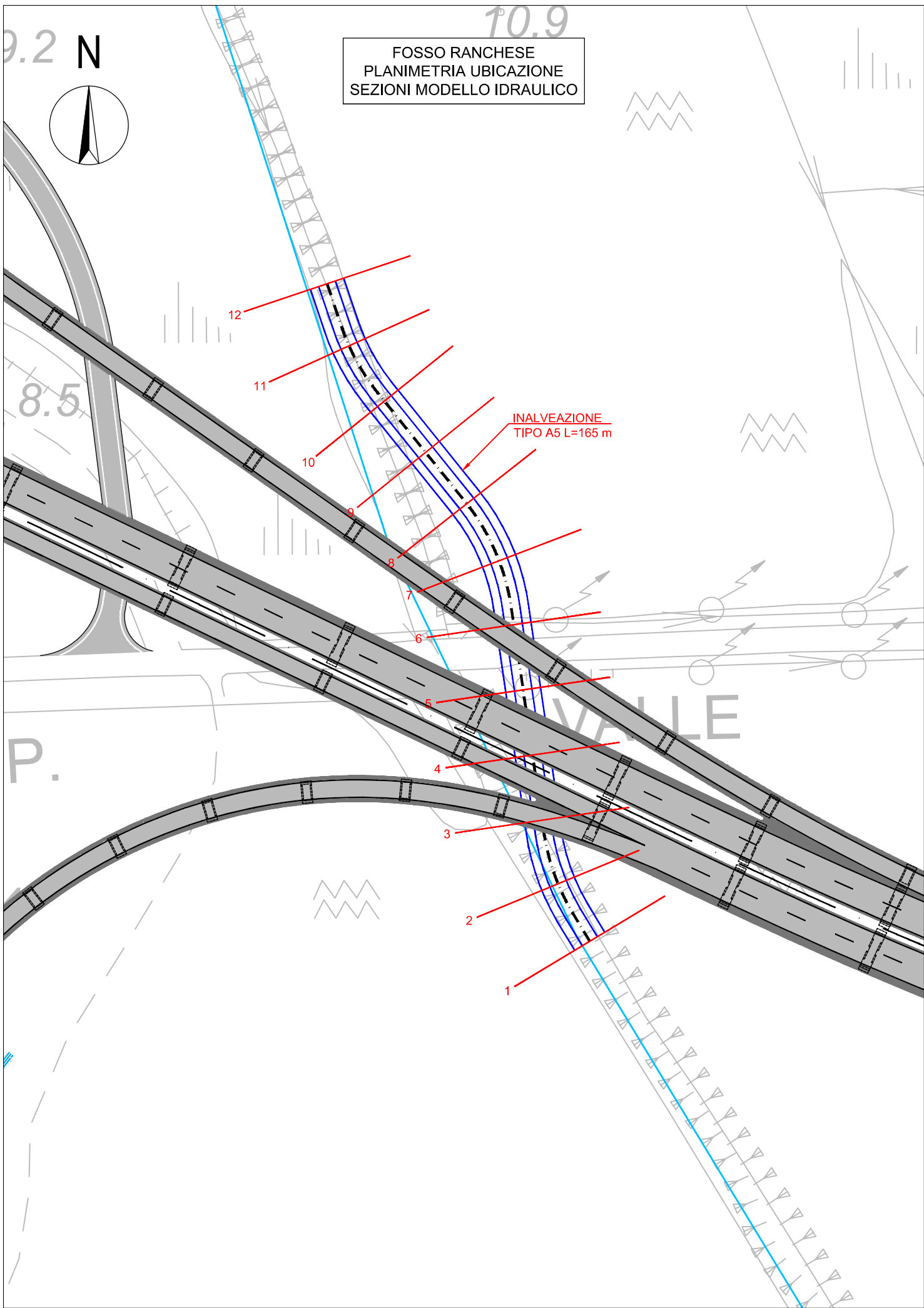
HEC-RAS Plan: Rina River: Rina Reach: Rina Profile: QTr100

Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Rina	11	QTr100	23.54	11.33	13.74	12.62	13.76	0.000348	0.78	52.20	88.98	0.18
Rina	10	QTr100	23.54	11.28	13.74		13.76	0.000320	0.76	54.24	91.01	0.18
Rina	9	QTr100	23.54	11.23	13.73		13.75	0.000341	0.80	51.66	91.99	0.18
Rina	8	QTr100	23.54	11.18	13.70		13.75	0.000575	1.01	31.97	53.06	0.24
Rina	7	QTr100	23.54	11.13	13.66		13.74	0.000896	1.19	19.79	12.35	0.29
Rina	6	QTr100	23.54	11.08	13.66		13.73	0.000854	1.16	20.36	12.12	0.28
Rina	5	QTr100	23.54	11.06	13.66	12.35	13.72	0.000834	1.15	20.52	12.12	0.28
Rina	4.5	Culvert										
Rina	4	QTr100	23.54	10.98	12.61		12.87	0.005003	2.24	10.53	8.90	0.66
Rina	3	QTr100	23.54	10.93	12.56		12.82	0.005001	2.24	10.53	8.90	0.66
Rina	2	QTr100	23.54	10.88	12.51		12.77	0.005011	2.24	10.52	8.89	0.66
Rina	1	QTr100	23.54	10.83	12.46	12.12	12.72	0.005002	2.24	10.53	8.90	0.66

HEC-RAS Plan: Rina River: Rina Reach: Rina Profile: QTr50

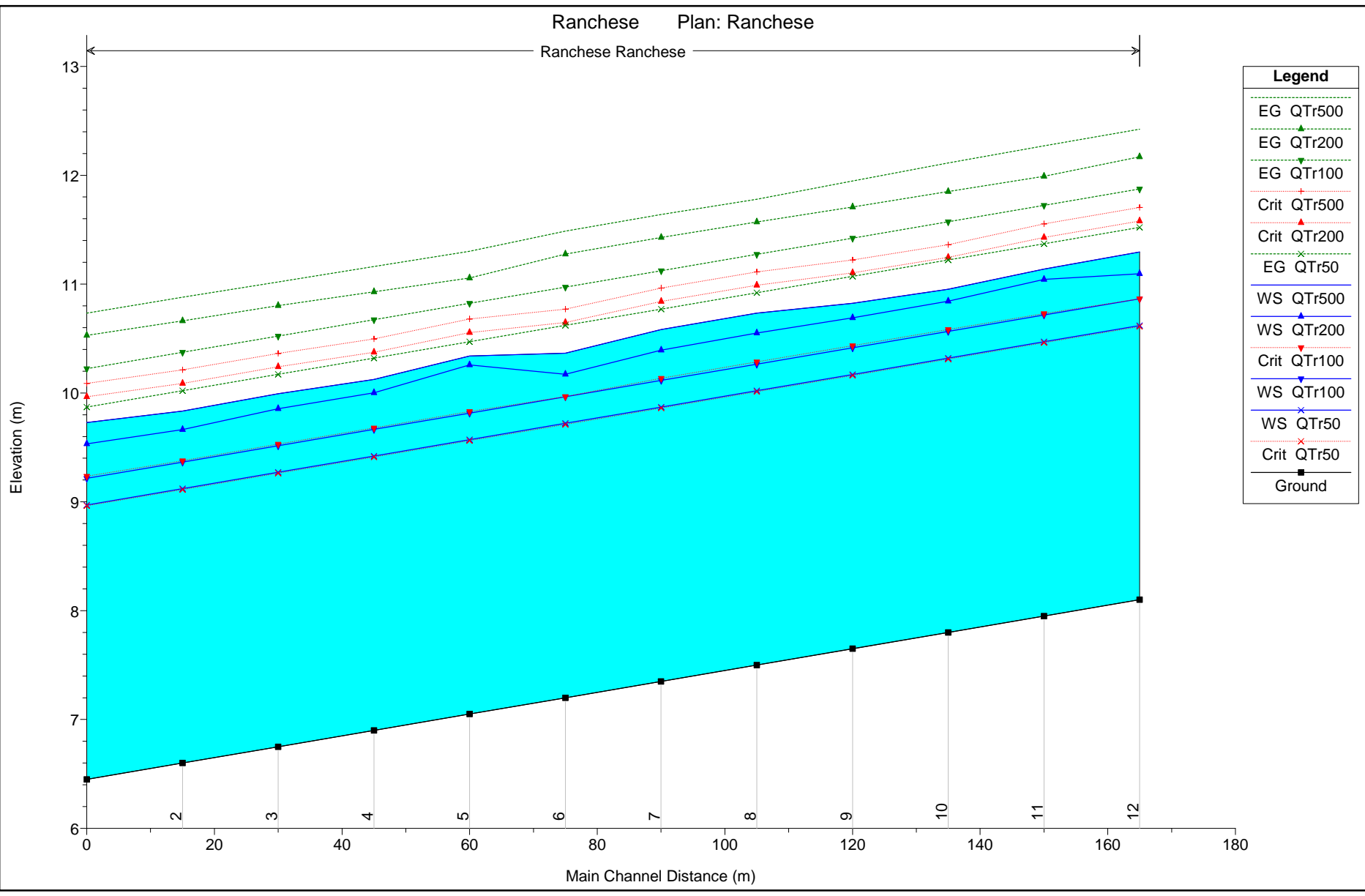
Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Rina	11	QTr50	19.54	11.33	13.41	12.48	13.47	0.000946	1.12	25.99	70.85	0.29
Rina	10	QTr50	19.54	11.28	13.40		13.46	0.000879	1.10	26.70	74.14	0.29
Rina	9	QTr50	19.54	11.23	13.39		13.45	0.000916	1.14	23.97	69.03	0.29
Rina	8	QTr50	19.54	11.18	13.37		13.44	0.000988	1.18	19.02	28.20	0.30
Rina	7	QTr50	19.54	11.13	13.35		13.43	0.001040	1.20	16.31	10.66	0.31
Rina	6	QTr50	19.54	11.08	13.35		13.42	0.000965	1.16	16.78	10.83	0.30
Rina	5	QTr50	19.54	11.06	13.34	12.21	13.41	0.000935	1.15	16.96	10.86	0.29
Rina	4.5		Culvert									
Rina	4	QTr50	19.54	10.98	12.46		12.69	0.005004	2.12	9.20	8.44	0.65
Rina	3	QTr50	19.54	10.93	12.41		12.64	0.005003	2.12	9.20	8.44	0.65
Rina	2	QTr50	19.54	10.88	12.36		12.59	0.005013	2.12	9.20	8.43	0.65
Rina	1	QTr50	19.54	10.83	12.31	11.98	12.54	0.005004	2.12	9.20	8.44	0.65

FOSSO RANCHESE
PLANIMETRIA UBICAZIONE
SEZIONI MODELLO IDRAULICO



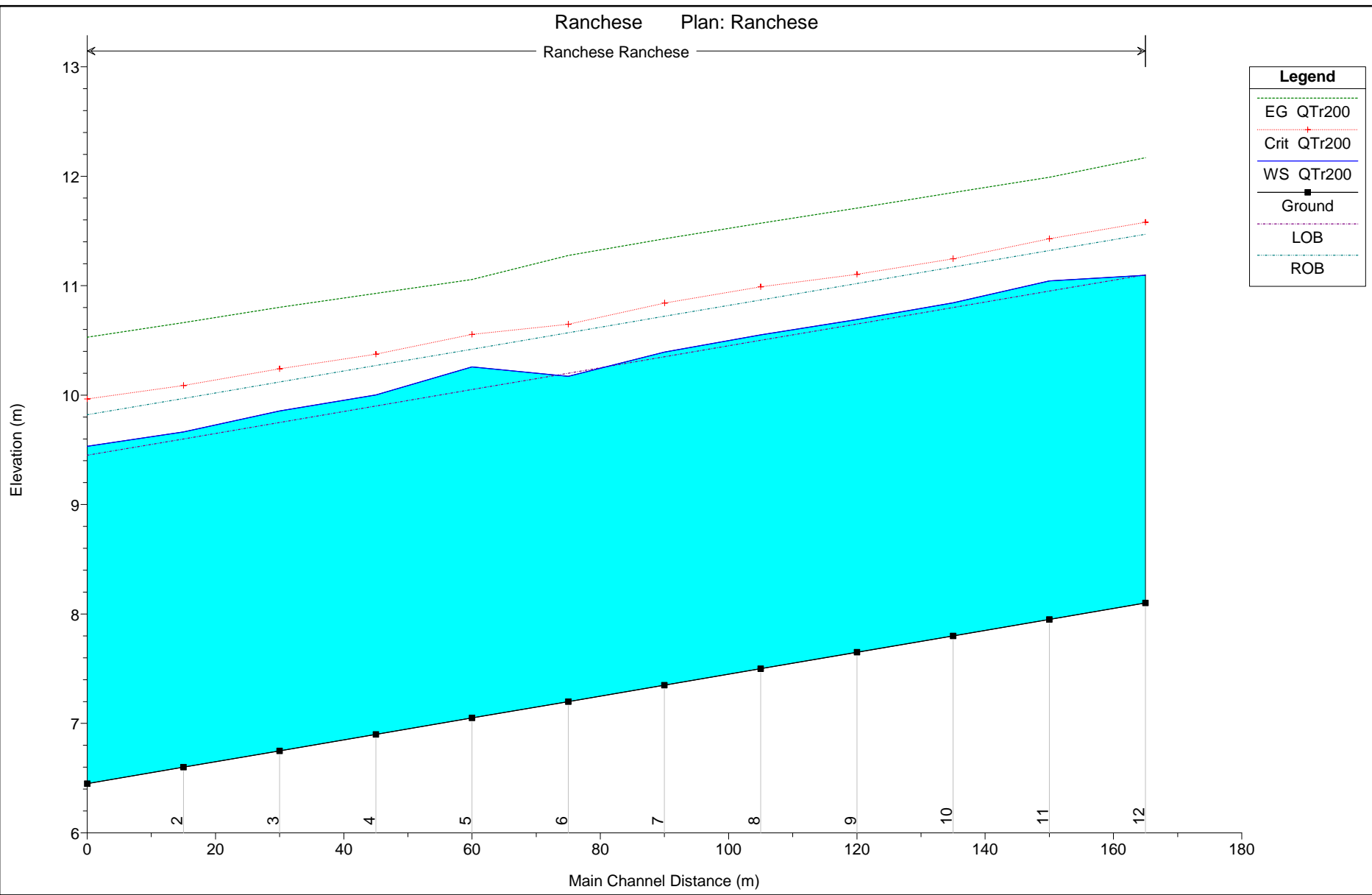
Ranchese Plan: Ranchese

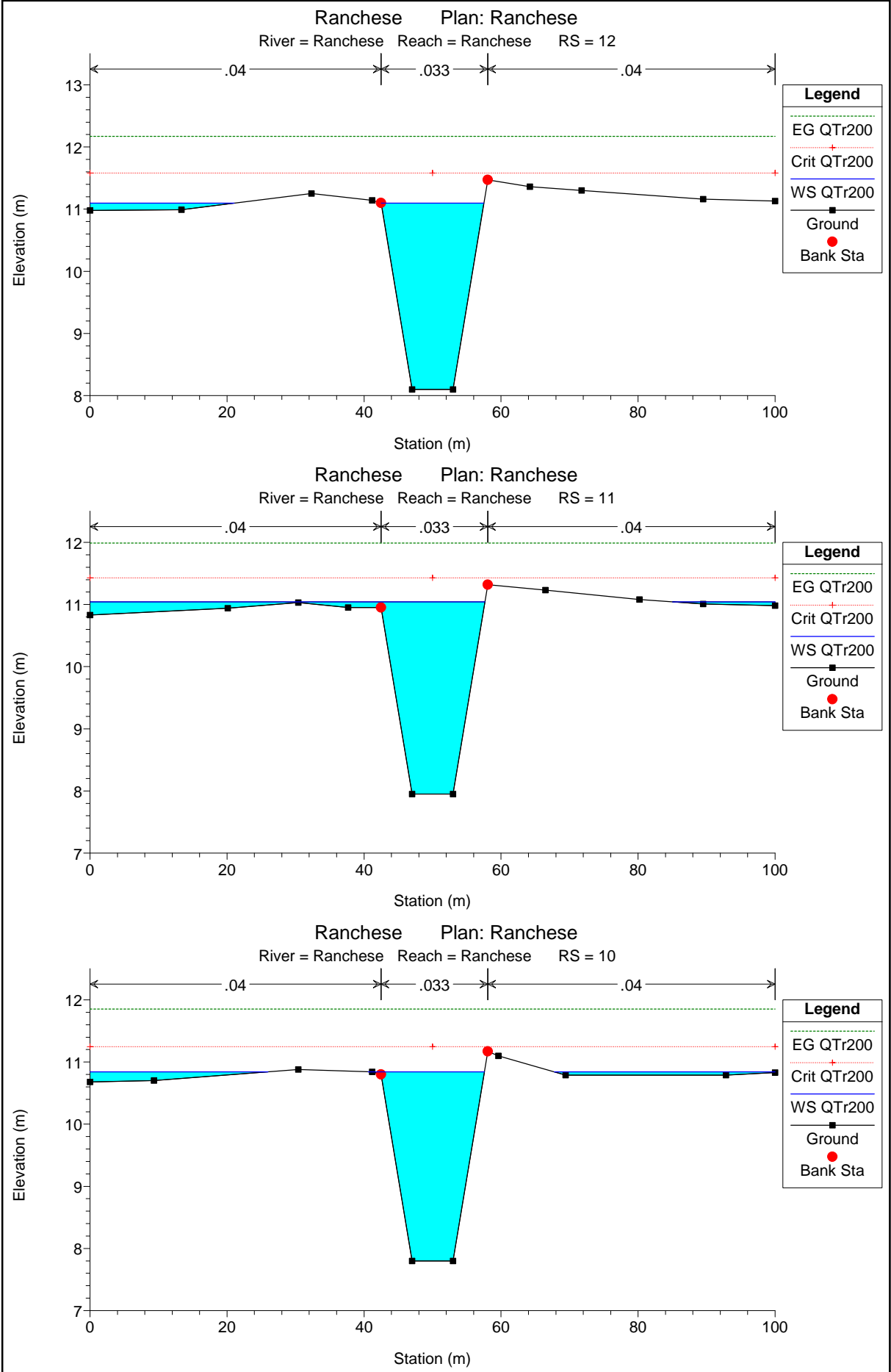
Ranchese Ranchese

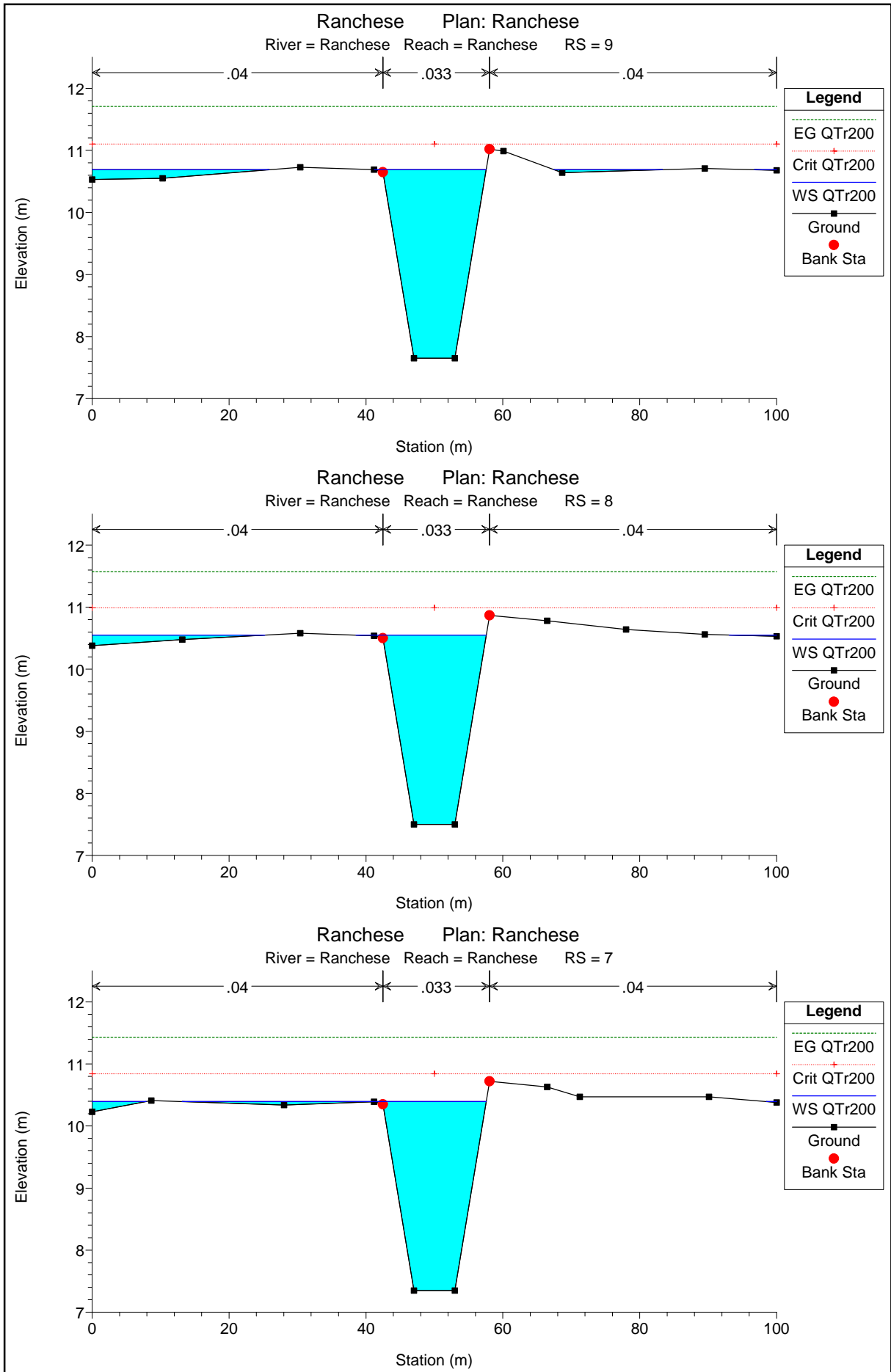


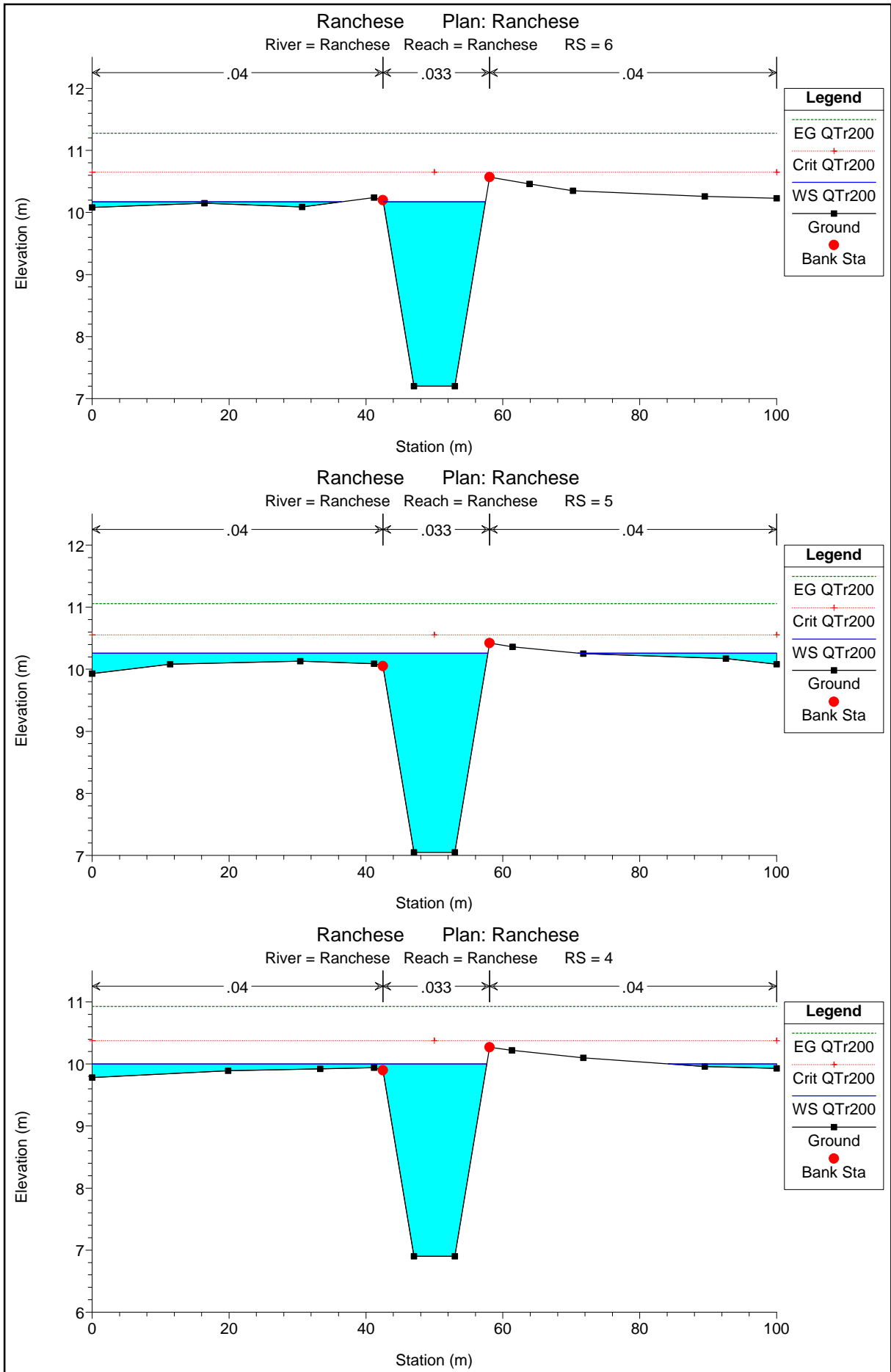
Ranchese Plan: Ranchese

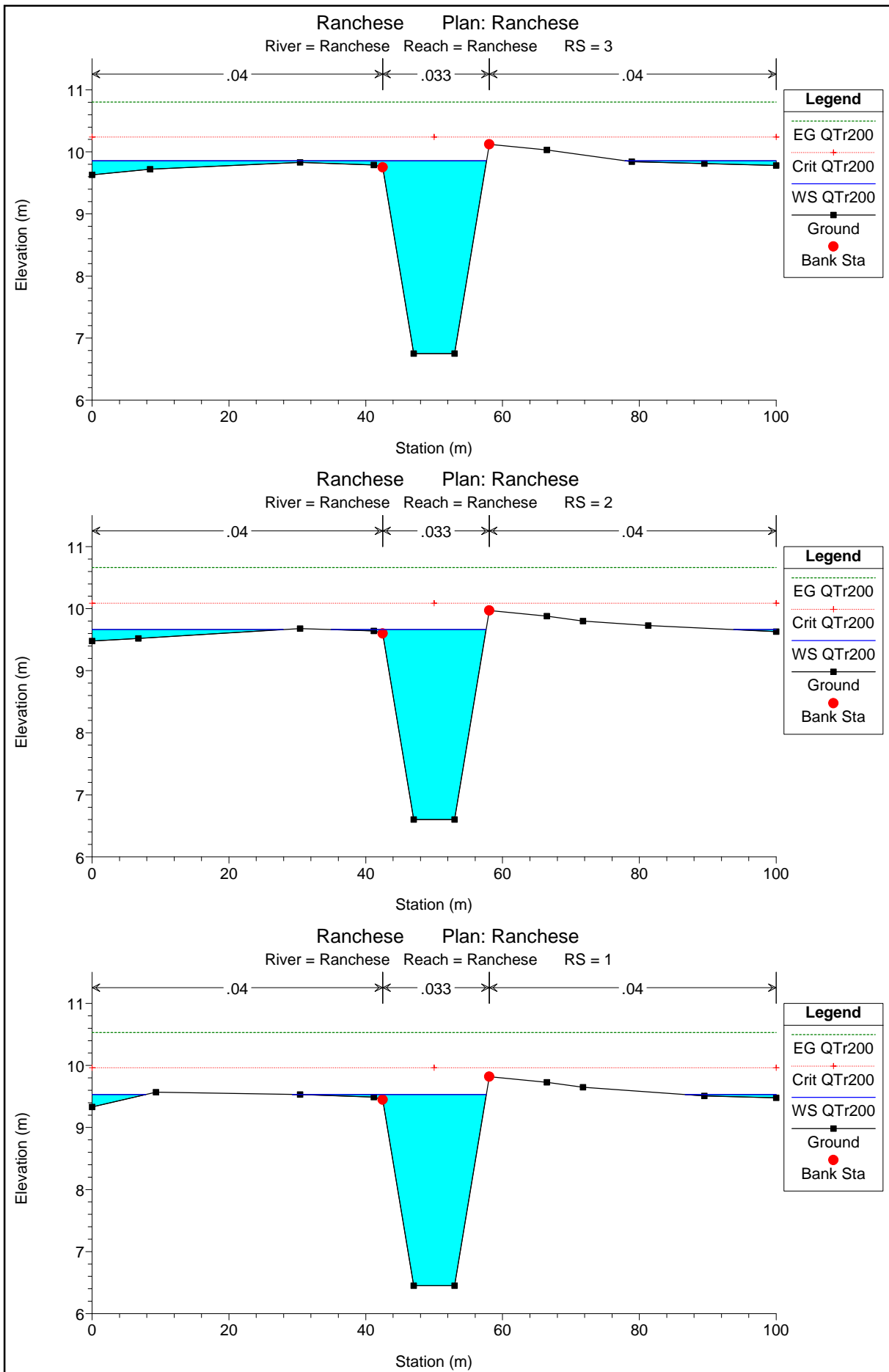
Ranchese Ranchese











HEC-RAS Plan: Ranchese River: Ranchese Reach: Ranchese Profile: QTr500

Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Ranchese	12	QTr500	174.85	8.10	11.29	11.70	12.42	0.010007	4.82	45.70	85.33	1.03
Ranchese	11	QTr500	174.85	7.95	11.14	11.55	12.27	0.010088	4.83	45.49	82.85	1.03
Ranchese	10	QTr500	174.85	7.80	10.95	11.36	12.11	0.010524	4.90	46.14	93.48	1.05
Ranchese	9	QTr500	174.85	7.65	10.82	11.22	11.95	0.010121	4.83	47.14	93.62	1.03
Ranchese	8	QTr500	174.85	7.50	10.73	11.11	11.78	0.009230	4.67	48.64	87.62	0.99
Ranchese	7	QTr500	174.85	7.35	10.58	10.96	11.64	0.009316	4.69	48.28	89.96	0.99
Ranchese	6	QTr500	174.85	7.20	10.36	10.77	11.49	0.010195	4.83	46.28	88.35	1.03
Ranchese	5	QTr500	174.85	7.05	10.34	10.68	11.30	0.008377	4.51	51.69	94.59	0.94
Ranchese	4	QTr500	174.85	6.90	10.12	10.50	11.16	0.009255	4.67	48.95	88.18	0.99
Ranchese	3	QTr500	174.85	6.75	9.99	10.36	11.02	0.009070	4.64	49.47	88.91	0.98
Ranchese	2	QTr500	174.85	6.60	9.83	10.21	10.88	0.009242	4.67	48.52	88.31	0.99
Ranchese	1	QTr500	174.85	6.45	9.73	10.09	10.73	0.008695	4.58	50.13	91.38	0.96

HEC-RAS Plan: Ranchese River: Ranchese Reach: Ranchese Profile: QTr200

Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Ranchese	12	QTr200	145.67	8.10	11.10	11.58	12.17	0.010014	4.60	33.31	36.04	1.02
Ranchese	11	QTr200	145.67	7.95	11.04	11.43	11.99	0.008518	4.35	38.14	72.61	0.94
Ranchese	10	QTr200	145.67	7.80	10.84	11.25	11.85	0.009257	4.48	36.27	75.20	0.98
Ranchese	9	QTr200	145.67	7.65	10.69	11.10	11.71	0.009338	4.49	35.15	61.38	0.98
Ranchese	8	QTr200	145.67	7.50	10.55	10.99	11.57	0.009272	4.49	34.38	51.21	0.98
Ranchese	7	QTr200	145.67	7.35	10.39	10.84	11.43	0.009407	4.51	33.63	53.79	0.99
Ranchese	6	QTr200	145.67	7.20	10.17	10.65	11.28	0.010361	4.66	32.99	51.32	1.03
Ranchese	5	QTr200	145.67	7.05	10.26	10.55	11.06	0.006964	4.04	44.32	86.85	0.86
Ranchese	4	QTr200	145.67	6.90	10.00	10.37	10.93	0.008347	4.31	39.05	73.50	0.93
Ranchese	3	QTr200	145.67	6.75	9.86	10.24	10.80	0.008443	4.34	37.93	79.76	0.94
Ranchese	2	QTr200	145.67	6.60	9.66	10.09	10.66	0.009047	4.45	35.31	56.82	0.97
Ranchese	1	QTr200	145.67	6.45	9.53	9.96	10.53	0.008900	4.43	34.29	49.59	0.96

HEC-RAS Plan: Ranchese River: Ranchese Reach: Ranchese Profile: QTr100

Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Ranchese	12	QTr100	124.80	8.10	10.86	10.86	11.87	0.010170	4.45	28.05	14.30	1.01
Ranchese	11	QTr100	124.80	7.95	10.72	10.73	11.72	0.010154	4.45	28.07	14.30	1.01
Ranchese	10	QTr100	124.80	7.80	10.57	10.58	11.57	0.010154	4.45	28.07	14.30	1.01
Ranchese	9	QTr100	124.80	7.65	10.42	10.43	11.42	0.010155	4.45	28.07	14.30	1.01
Ranchese	8	QTr100	124.80	7.50	10.27	10.29	11.27	0.010155	4.45	28.07	14.30	1.01
Ranchese	7	QTr100	124.80	7.35	10.12	10.14	11.12	0.010155	4.45	28.07	14.30	1.01
Ranchese	6	QTr100	124.80	7.20	9.97	9.97	10.97	0.010154	4.45	28.07	14.30	1.01
Ranchese	5	QTr100	124.80	7.05	9.82	9.83	10.82	0.010154	4.45	28.07	14.30	1.01
Ranchese	4	QTr100	124.80	6.90	9.67	9.68	10.67	0.010154	4.45	28.07	14.30	1.01
Ranchese	3	QTr100	124.80	6.75	9.52	9.53	10.52	0.010154	4.45	28.07	14.30	1.01
Ranchese	2	QTr100	124.80	6.60	9.37	9.38	10.37	0.010154	4.45	28.07	14.30	1.01
Ranchese	1	QTr100	124.80	6.45	9.22	9.23	10.22	0.010155	4.45	28.07	14.30	1.01

HEC-RAS Plan: Ranchese River: Ranchese Reach: Ranchese Profile: QTr50

Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Ranchese	12	QTr50	103.63	8.10	10.62	10.61	11.52	0.009998	4.20	24.66	13.57	1.00
Ranchese	11	QTr50	103.63	7.95	10.47	10.46	11.37	0.009998	4.20	24.66	13.57	1.00
Ranchese	10	QTr50	103.63	7.80	10.32	10.31	11.22	0.009998	4.20	24.66	13.57	1.00
Ranchese	9	QTr50	103.63	7.65	10.17	10.16	11.07	0.009995	4.20	24.66	13.57	1.00
Ranchese	8	QTr50	103.63	7.50	10.02	10.01	10.92	0.009994	4.20	24.66	13.57	1.00
Ranchese	7	QTr50	103.63	7.35	9.87	9.86	10.77	0.009993	4.20	24.66	13.57	1.00
Ranchese	6	QTr50	103.63	7.20	9.72	9.71	10.62	0.009991	4.20	24.66	13.57	1.00
Ranchese	5	QTr50	103.63	7.05	9.57	9.56	10.47	0.009988	4.20	24.66	13.57	1.00
Ranchese	4	QTr50	103.63	6.90	9.42	9.41	10.32	0.009985	4.20	24.67	13.57	0.99
Ranchese	3	QTr50	103.63	6.75	9.27	9.26	10.17	0.009981	4.20	24.67	13.57	0.99
Ranchese	2	QTr50	103.63	6.60	9.12	9.11	10.02	0.009976	4.20	24.67	13.57	0.99
Ranchese	1	QTr50	103.63	6.45	8.97	8.96	9.87	0.010006	4.20	24.65	13.56	1.00