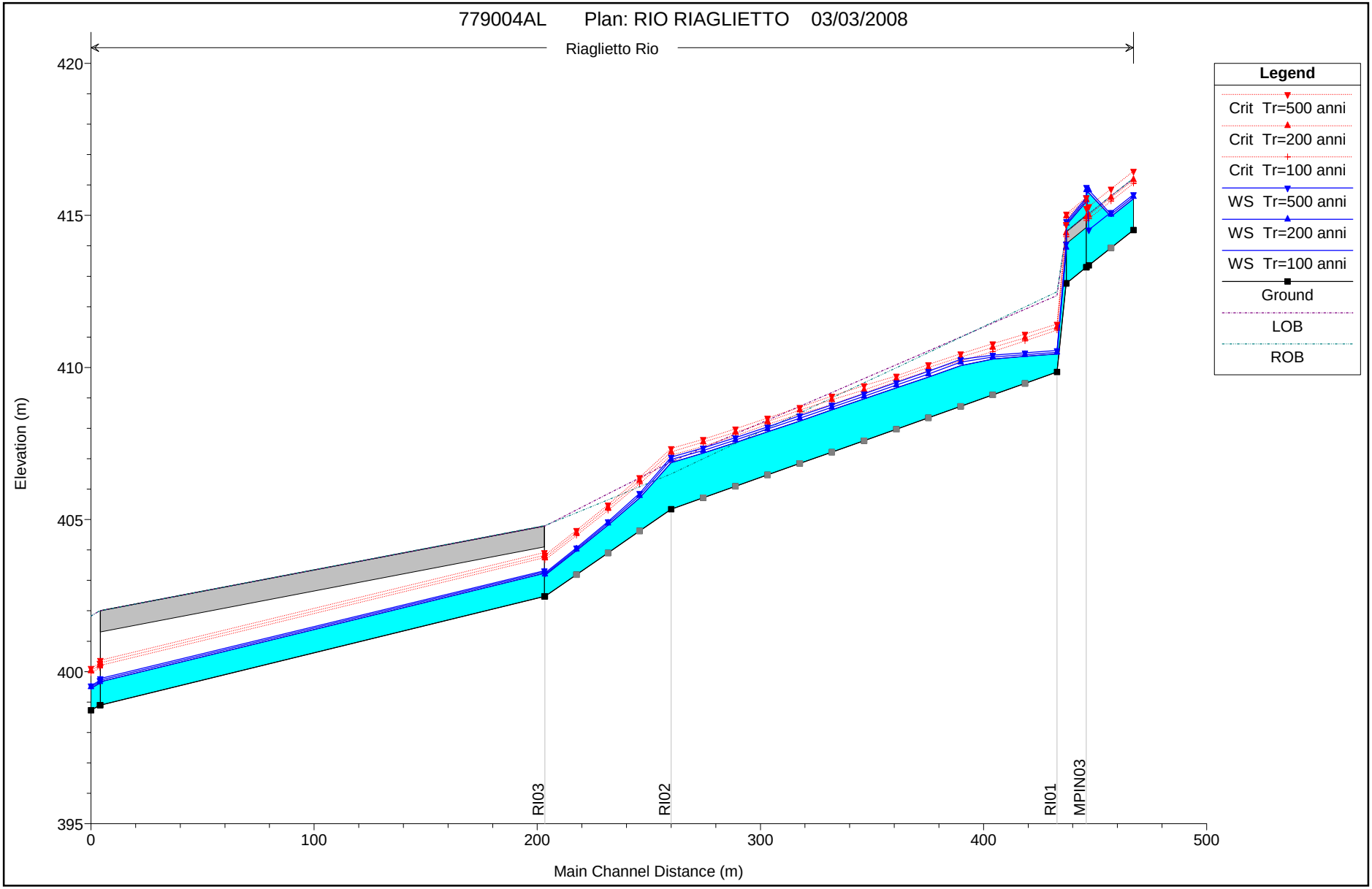
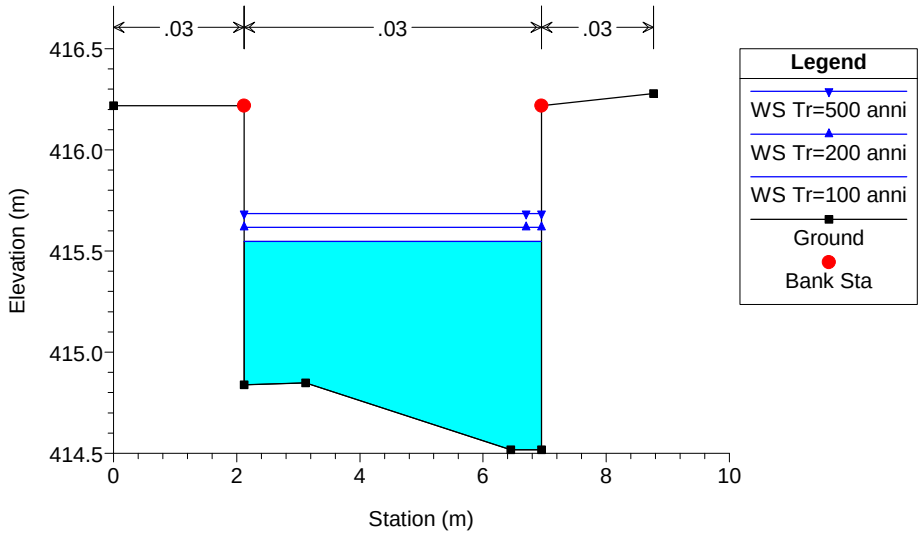
HEC-RAS Plan: RI2008 River: Riaglietto Reach: Rio

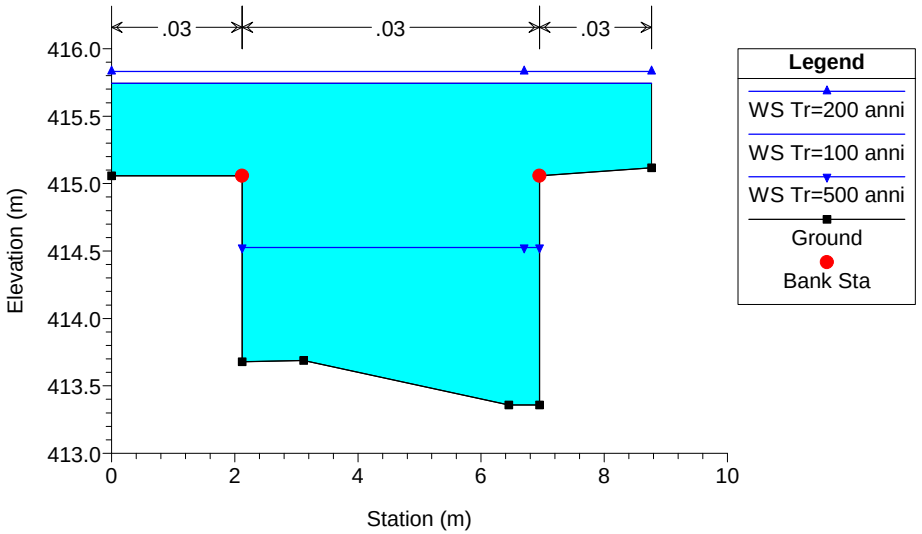
Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
			(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
Rio	390	Tr=100 anni	24.00	414.52	415.55	416.05	417.29	0.058049	5.85	4.10	4.83	2.03
Rio	390	Tr=200 anni	27.00	414.52	415.62	416.17	417.50	0.058046	6.09	4.44	4.83	2.03
Rio	390	Tr=500 anni	30.00	414.52	415.69	416.46	417.71	0.058064	6.30	4.76	4.83	2.02
Rio	380	Tr=100 anni	24.00	413.36	415.74	414.89	415.93	0.002420	2.00	13.29	8.77	0.43
Rio	380	Tr=200 anni	27.00	413.36	415.83	415.01	416.04	0.002610	2.13	14.07	8.77	0.45
Rio	380	Tr=500 anni	30.00	413.36	414.53	415.29	416.55	0.058052	6.30	4.76	4.83	2.02
Rio	370	Tr=100 anni	24.00	413.30	415.75	414.84	415.92	0.002145	1.92	13.88	8.77	0.41
Rio	370	Tr=200 anni	27.00	413.30	415.84	414.95	416.03	0.002323	2.05	14.66	8.77	0.43
Rio	370	Tr=500 anni	30.00	413.30	415.93	415.23	416.14	0.002486	2.17	15.41	8.77	0.44
Rio	365		Bridge									
Rio	360	Tr=100 anni	24.00	412.77	413.84	414.30	415.42	0.060270	5.56	4.32	4.83	1.88
Rio	360	Tr=200 anni	27.00	412.77	413.95	414.42	415.53	0.054130	5.57	4.85	4.83	1.78
Rio	360	Tr=500 anni	30.00	412.77	414.06	414.70	415.64	0.049001	5.57	5.39	4.83	1.68
Rio	350	Tr=100 anni	24.00	409.85	410.45	411.23	414.70	0.282844	9.13	2.63	5.36	4.17
Rio	350	Tr=200 anni	27.00	409.85	410.50	411.33	414.85	0.257107	9.24	2.92	5.38	4.00
Rio	350	Tr=500 anni	30.00	409.85	410.56	411.43	414.99	0.236091	9.33	3.22	5.39	3.85
Rio	340	Tr=100 anni	24.00	405.34	406.87	407.11	407.72	0.021898	4.12	5.98	5.42	1.19
Rio	340	Tr=200 anni	27.00	405.34	406.98	407.22	407.87	0.020814	4.24	6.62	7.17	1.17
Rio	340	Tr=500 anni	30.00	405.34	407.05	407.34	408.02	0.021151	4.43	7.16	7.50	1.19
Rio	330	Tr=100 anni	24.00	402.47	403.16	403.67	405.26	0.041658	6.41	3.74	8.00	2.99
Rio	330	Tr=200 anni	27.00	402.47	403.20	403.75	405.46	0.040760	6.66	4.06	8.00	2.98
Rio	330	Tr=500 anni	30.00	402.47	403.24	403.82	405.65	0.039870	6.87	4.37	8.00	2.97
Rio	325		Bridge									
Rio	320	Tr=100 anni	24.00	398.90	399.62	400.13	401.80	0.044134	6.54	3.67	8.00	3.09
Rio	320	Tr=200 anni	27.00	398.90	399.67	400.21	401.93	0.040849	6.67	4.05	8.00	3.00
Rio	320	Tr=500 anni	30.00	398.90	399.71	400.28	402.08	0.038610	6.82	4.40	8.00	2.93

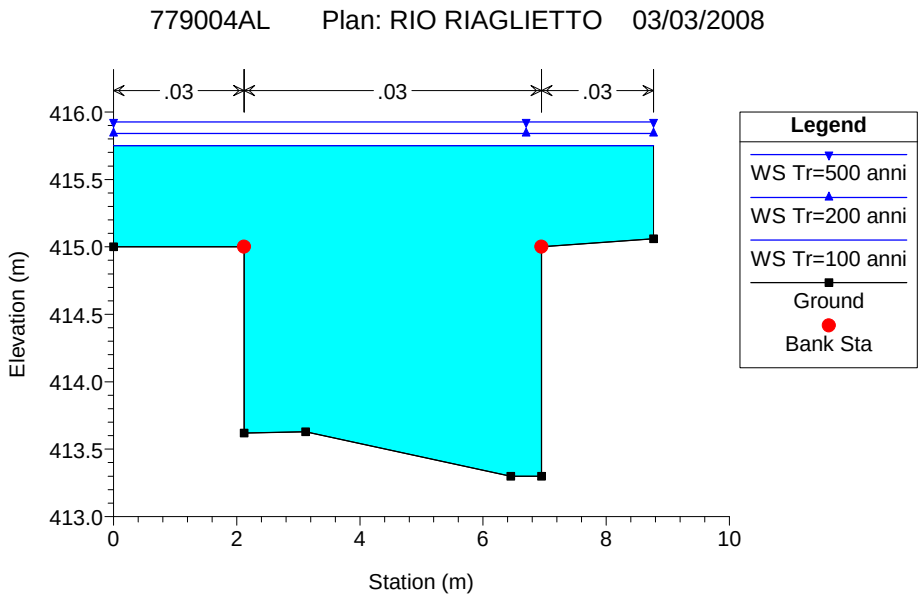
HEC-RAS Plan: RI2008 River: Riaglietto Reach: Rio (Continued)

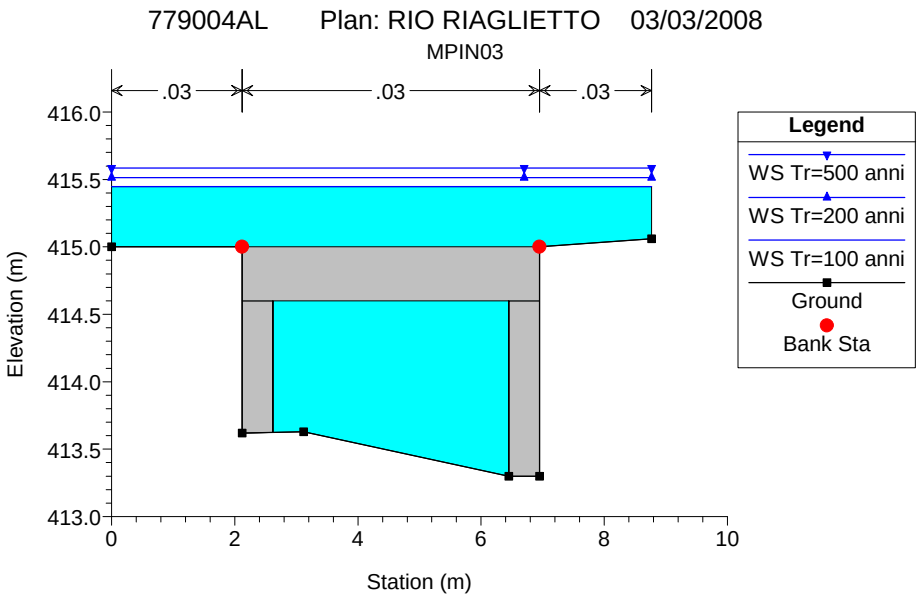
Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
			(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
Rio	310	Tr=100 anni	24.00	398.73	399.45	399.96	401.60	0.053009	6.49	3.70	8.00	3.05
Rio	310	Tr=200 anni	27.00	398.73	399.50	400.04	401.75	0.050002	6.66	4.06	8.00	2.98
Rio	310	Tr=500 anni	30.00	398.73	399.54	400.12	401.90	0.047599	6.81	4.40	8.00	2.93

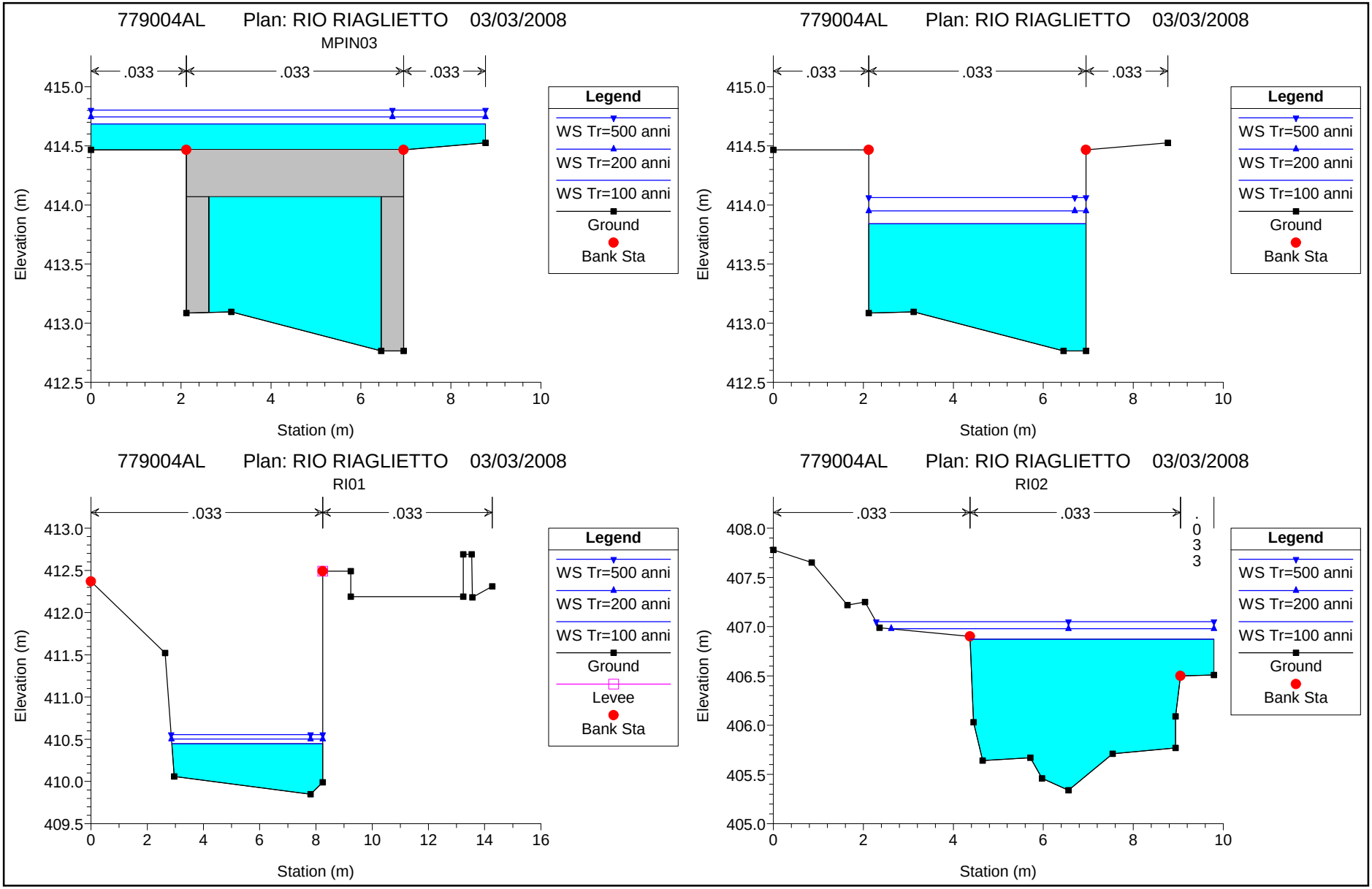

779004AL Plan: RIO RIAGLIETTO 03/03/2008
Riaglietto Rio
Legend
Crit Tr=500 anni
Crit Tr=200 anni
Crit Tr=100 anni
WS Tr=500 anni
WS Tr=200 anni
WS Tr=100 anni
Ground
LOB
ROB
Elevation (m)
420
415
410
405
400
395
0
100
200
300
400
500
Main Channel Distance (m)
RI03
RI02
RI01
MPIN03


779004AL Plan: RIO RIAGLIETTO 03/03/2008
.03
.03
.03
Elevation (m)
Station (m)
Legend
WS Tr=500 anni
WS Tr=200 anni
WS Tr=100 anni
Ground
Bank Sta


779004AL Plan: RIO RIAGLIETTO 03/03/2008
.03
.03
.03
Elevation (m)
Station (m)
Legend
WS Tr=200 anni
WS Tr=100 anni
WS Tr=500 anni
Ground
Bank Sta


779004AL Plan: RIO RIAGLIETTO 03/03/2008
.03
.03
.03
Elevation (m)
Station (m)
Legend
WS Tr=500 anni
WS Tr=200 anni
WS Tr=100 anni
Ground
Bank Sta


779004AL Plan: RIO RIAGLIETTO 03/03/2008
MPIN03
.03
.03
.03
Elevation (m)
Station (m)
Legend
WS Tr=500 anni
WS Tr=200 anni
WS Tr=100 anni
Ground
Bank Sta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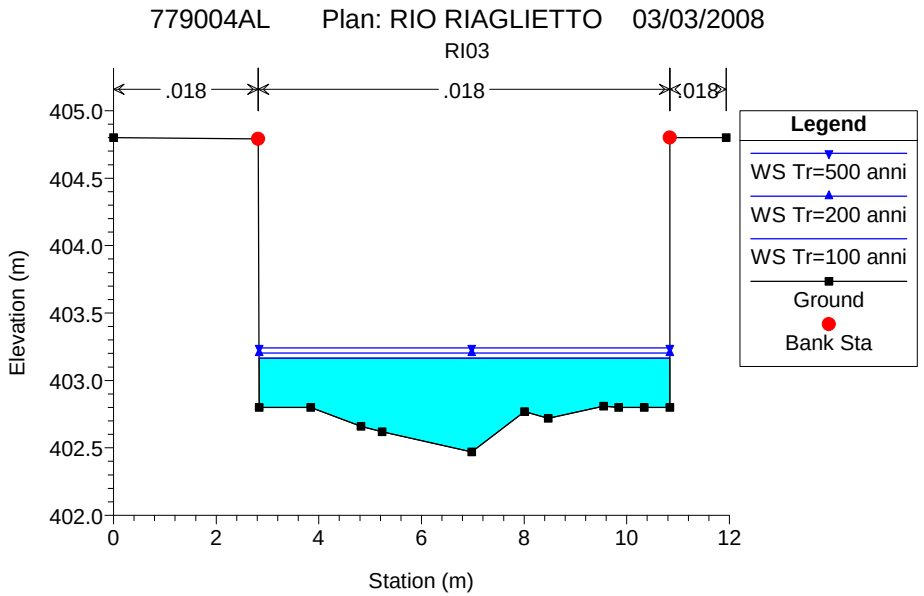
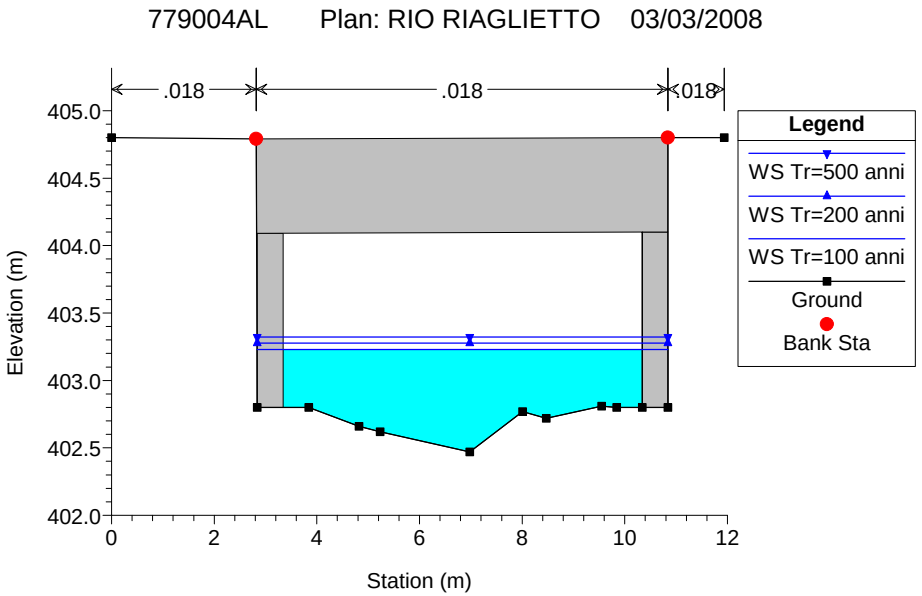
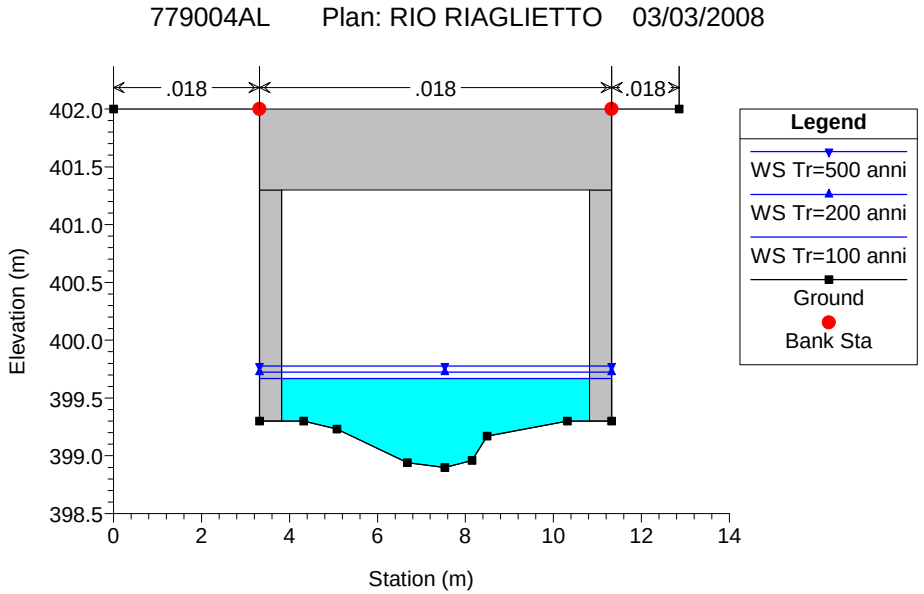
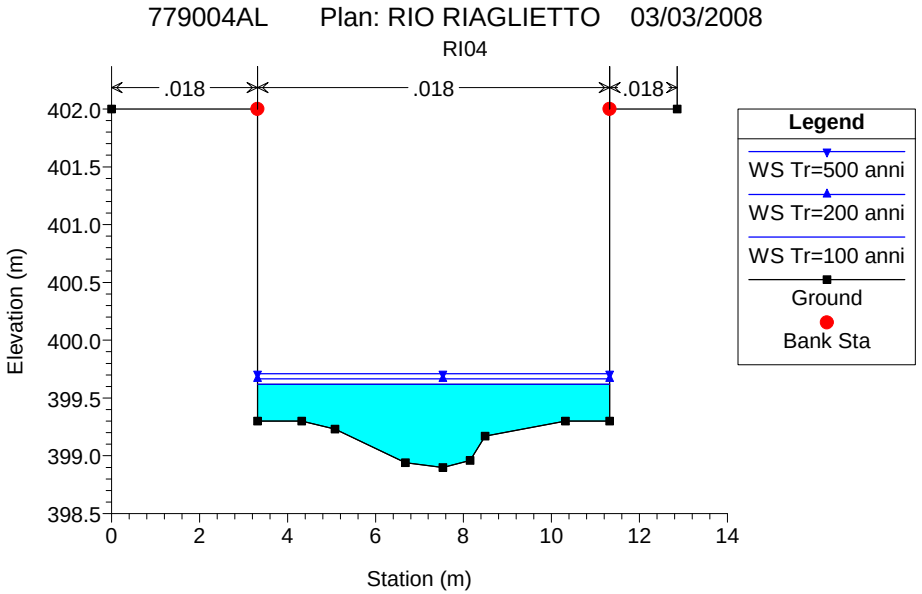
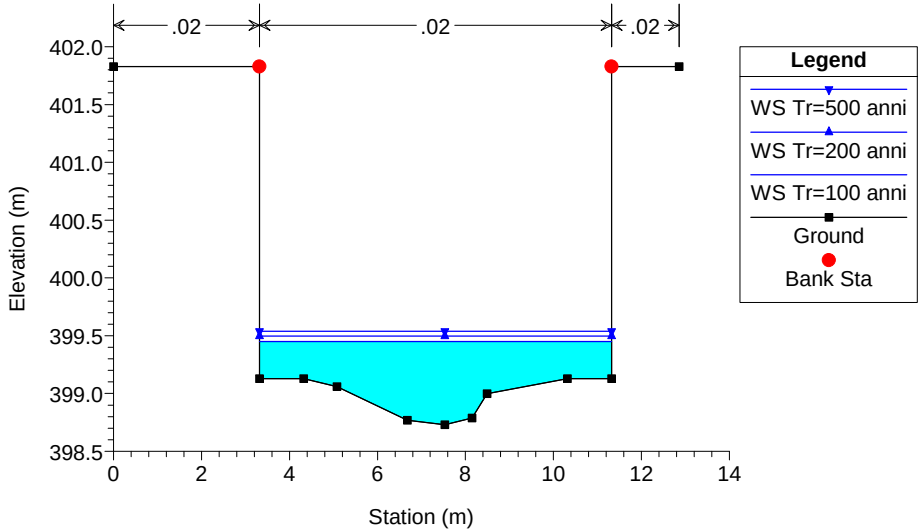
MPIN03
.033
.033
.033
Elevation (m)
Station (m)
Legend
WS Tr=500 anni
WS Tr=200 anni
WS Tr=100 anni
Ground
Bank Sta
779004AL Plan: RIO RIAGLIETTO 03/03/2008
.033
.033
.033
Elevation (m)
Station (m)
Legend
WS Tr=500 anni
WS Tr=200 anni
WS Tr=100 anni
Ground
Bank Sta
779004AL Plan: RIO RIAGLIETTO 03/03/2008
RI01
.033
.033
Elevation (m)
Station (m)
Legend
WS Tr=500 anni
WS Tr=200 anni
WS Tr=100 anni
Ground
Levee
Bank Sta
779004AL Plan: RIO RIAGLIETTO 03/03/2008
RI02
.033
.033
.033
Elevation (m)
Station (m)
Legend
WS Tr=500 anni
WS Tr=200 anni
WS Tr=100 anni
Ground
Bank Sta


779004AL Plan: RIO RIAGLIETTO 03/03/2008
RI03
.018
.018
.018
Legend
WS Tr=500 anni
WS Tr=200 anni
WS Tr=100 anni
Ground
Bank Sta
Elevation (m)
Station (m)


779004AL Plan: RIO RIAGLIETTO 03/03/2008
.018
.018
.018
Legend
WS Tr=500 anni
WS Tr=200 anni
WS Tr=100 anni
Ground
Bank Sta
Elevation (m)
Station (m)


779004AL Plan: RIO RIAGLIETTO 03/03/2008
.018
.018
.018
Legend
WS Tr=500 anni
WS Tr=200 anni
WS Tr=100 anni
Ground
Bank Sta
Elevation (m)
Station (m)


779004AL Plan: RIO RIAGLIETTO 03/03/2008
RI04
.018
.018
.018
Legend
WS Tr=500 anni
WS Tr=200 anni
WS Tr=100 anni
Ground
Bank Sta
Elevation (m)
Station (m)

779004AL Plan: RIO RIAGLIETTO 03/03/2008

Sezione di costruzione valle tratto intubato