

Ambito di Bacino n.7 - DIANESE

PIANO DI BACINO STRALCIO PER LA TUTELA DAL RISCHIO IDROGEOLOGICO (ai sensi dell'art. 1, comma 1, del D.L. 180/1998 convertito in L. 267/1998)



VERIFICHE IDRAULICHE Rio Pairola

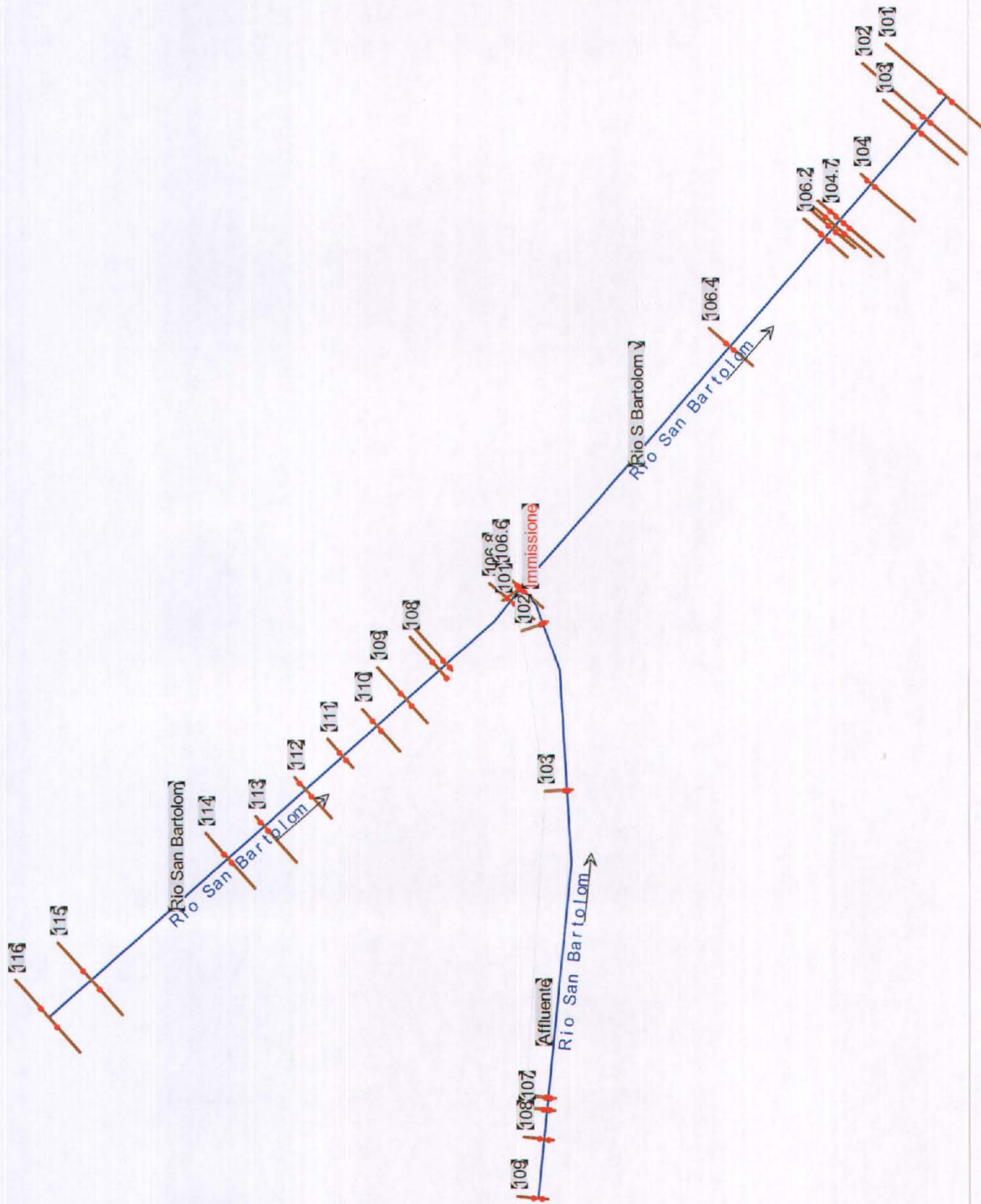
APPROVAZIONE	Delibera del Consiglio Provinciale di Imperia n. 9 del 30/01/2003
ULTIMA MODIFICA DELL'ELABORATO	Decreto del Segretario Generale n. 50 del 26/06/2023
ENTRATA IN VIGORE	BURL n. 31 del 02/08/2023 – parte II

ALLEGATI






IL TECNICO: Ing. Paolo Mendolia

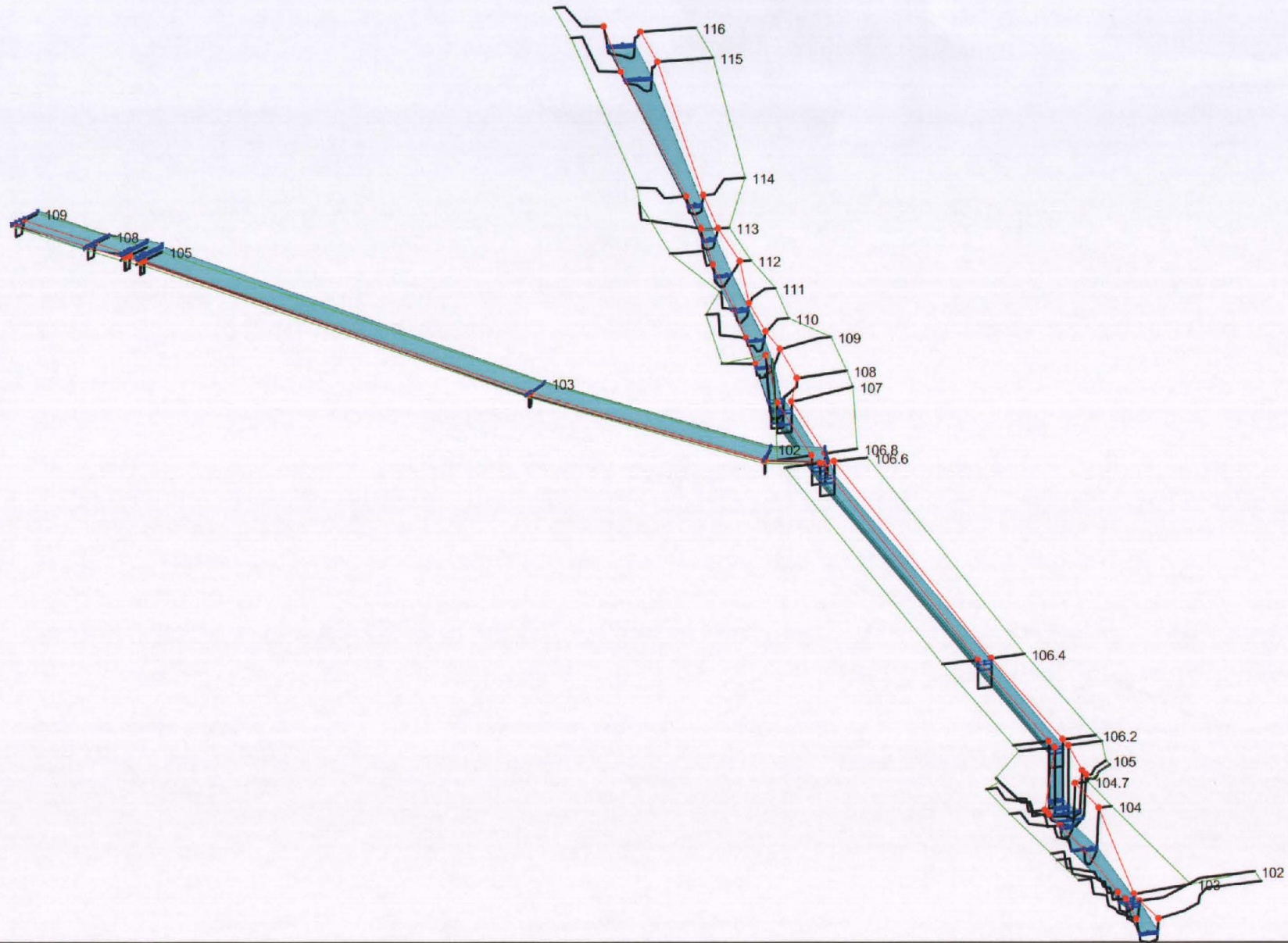


Verifica Progetto



Rio Plan: Plan 25
Geom: Rio San Bartolomeo Prog 052011 aperto

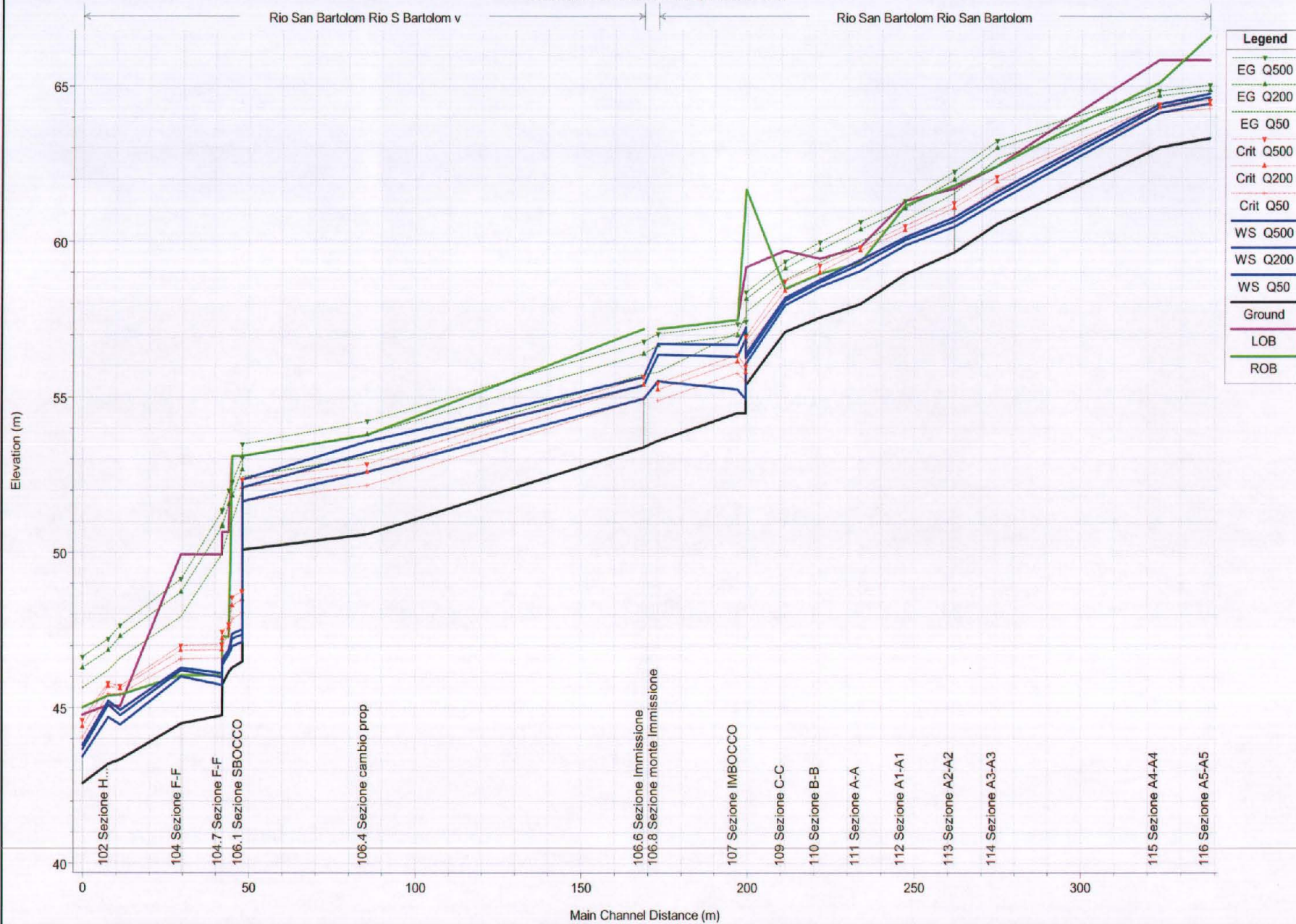
Legend	
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	WS Q200
	WS Q500
	Ground
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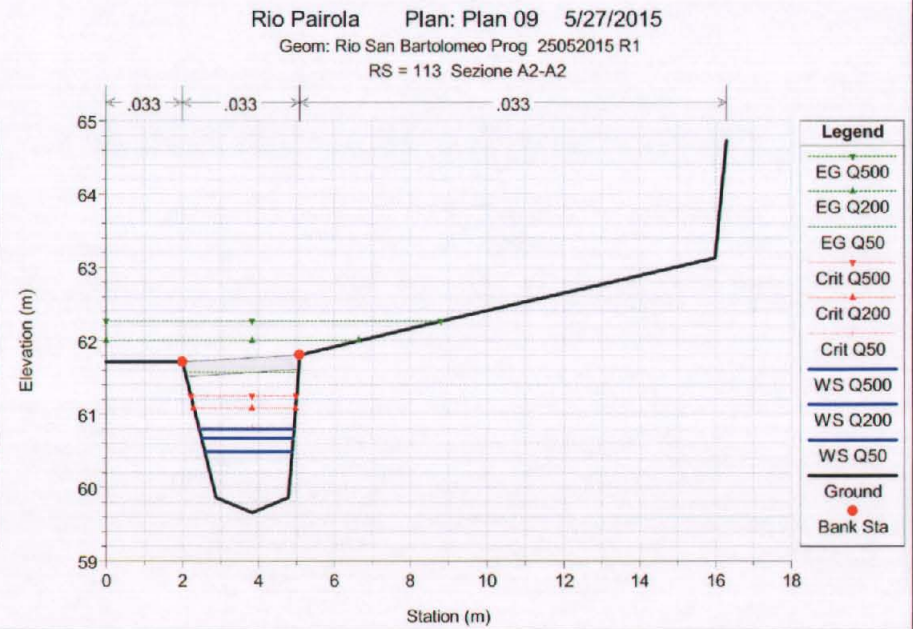
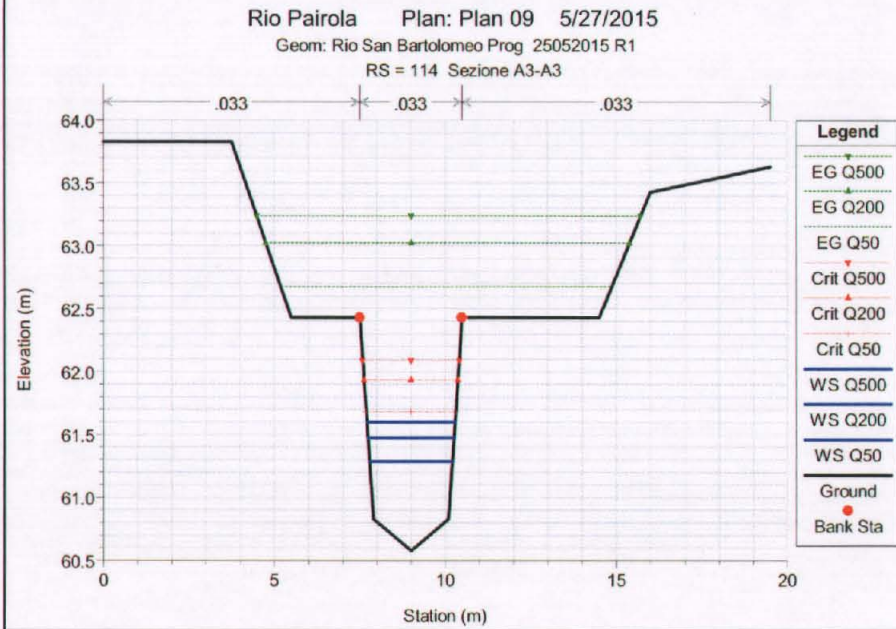
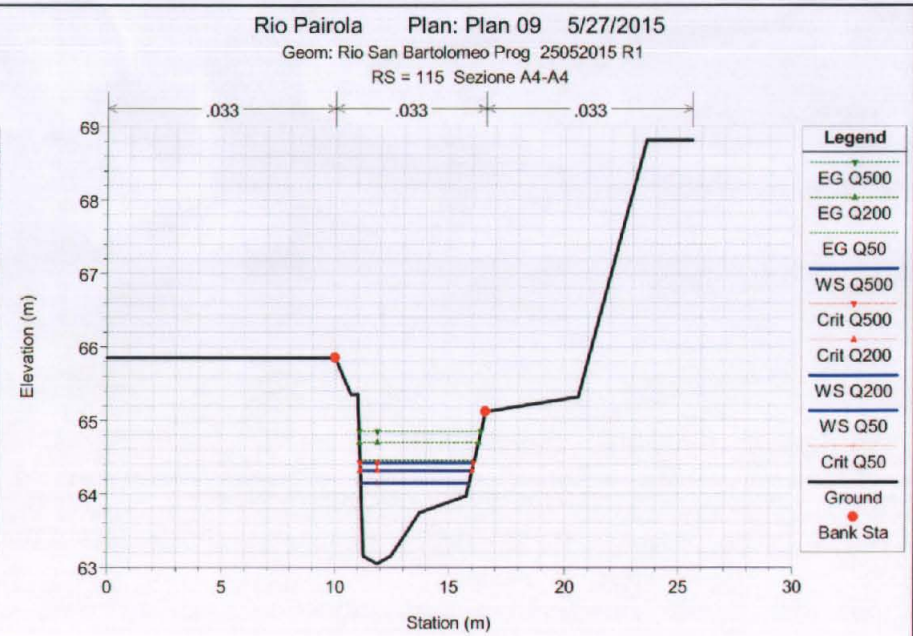
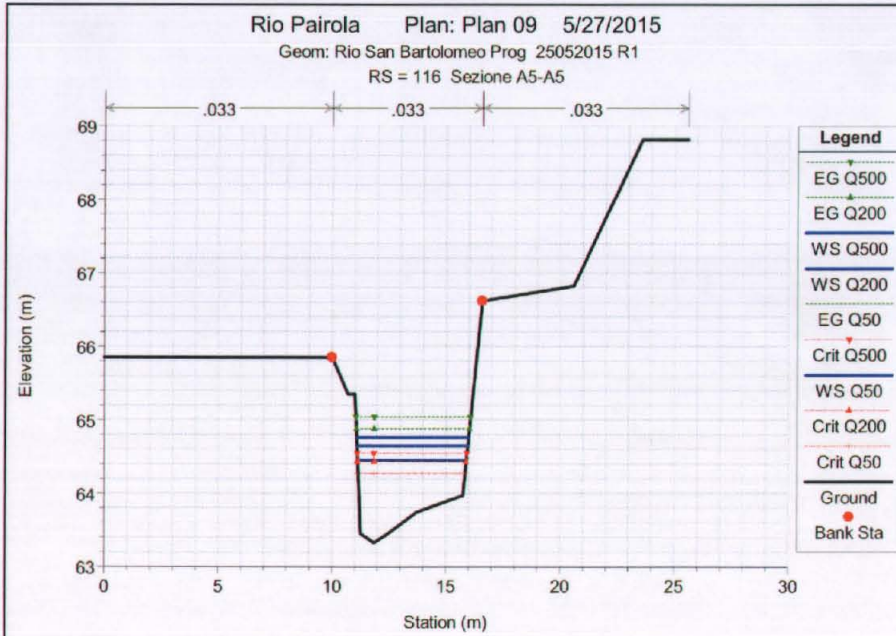


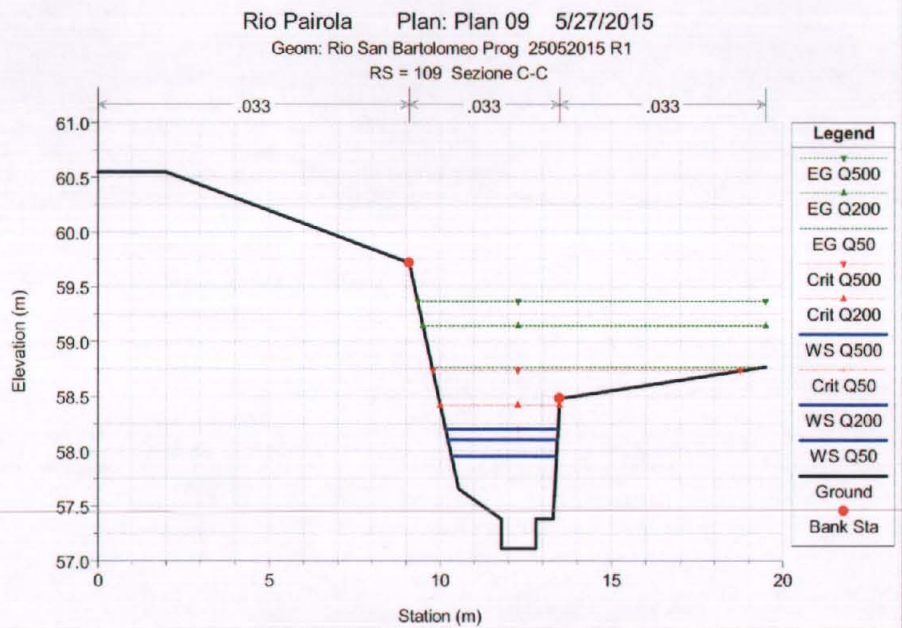
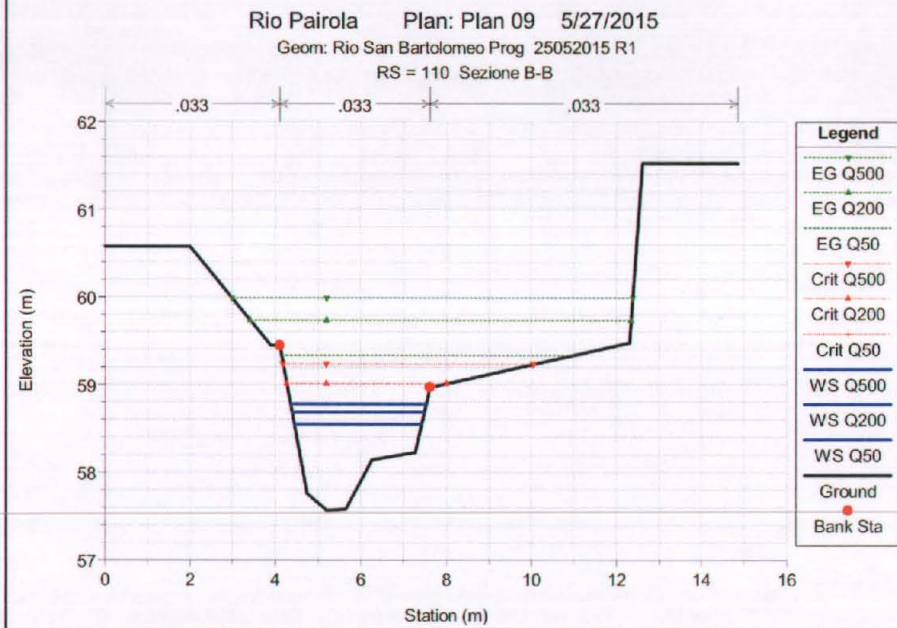
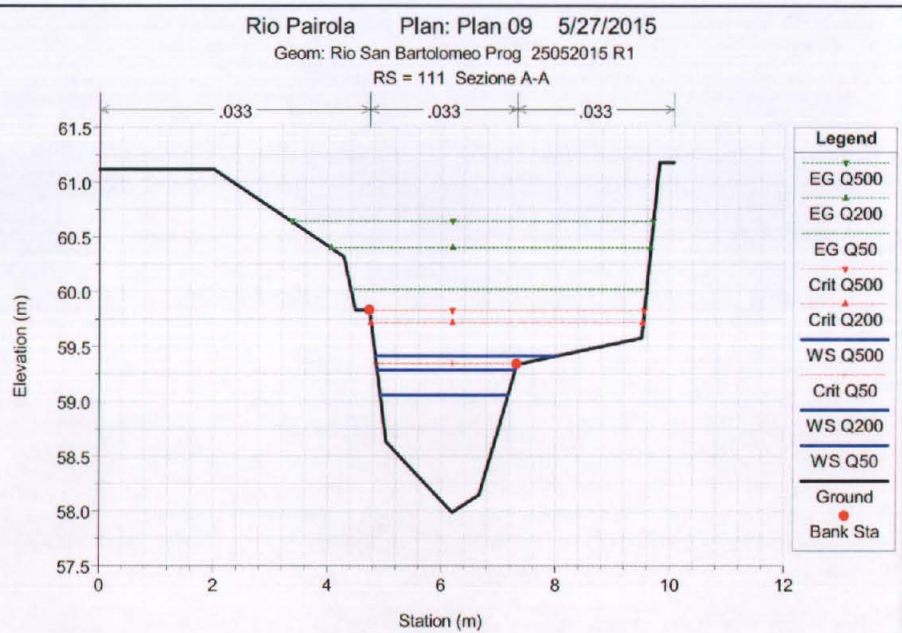
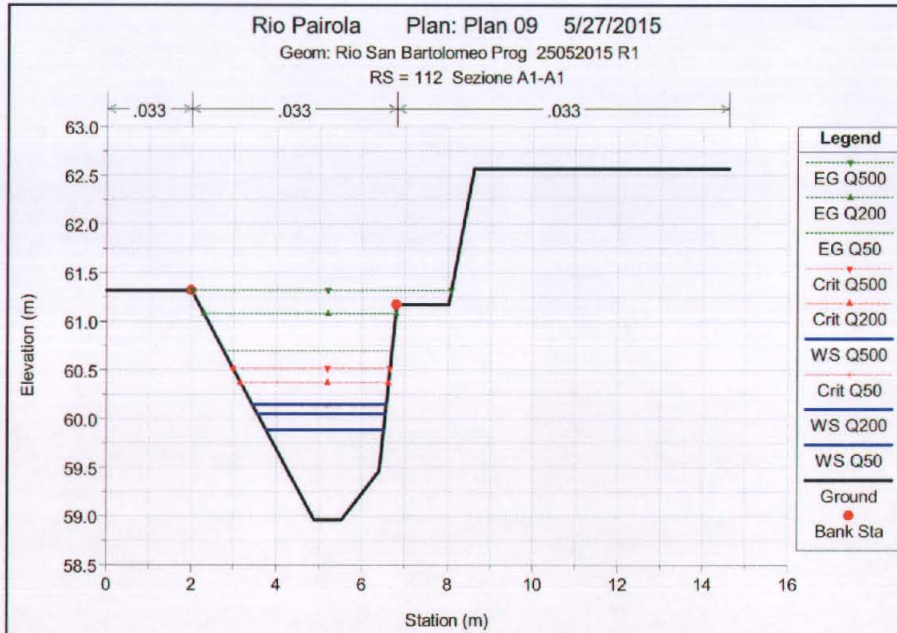
Rio San Bartolom Rio S Bartolom v

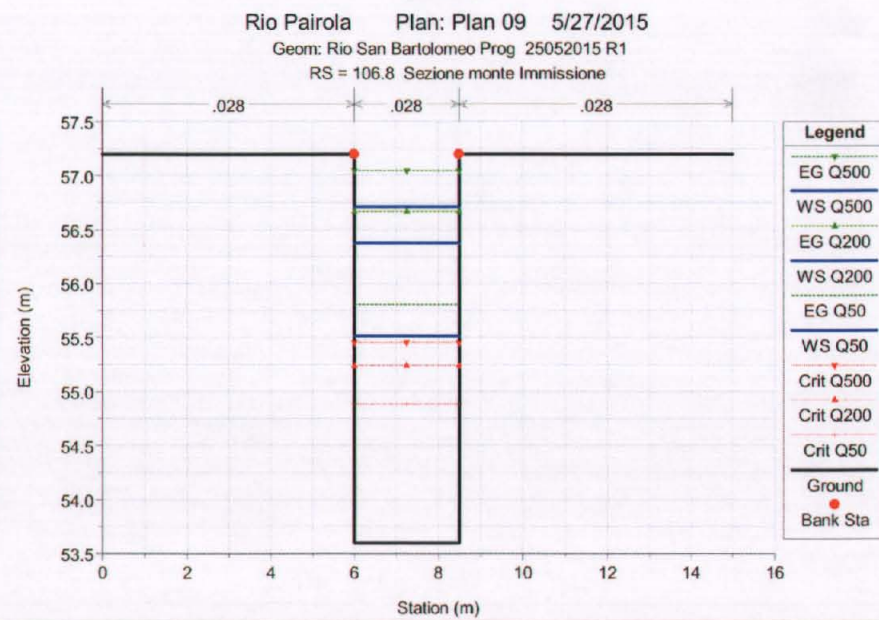
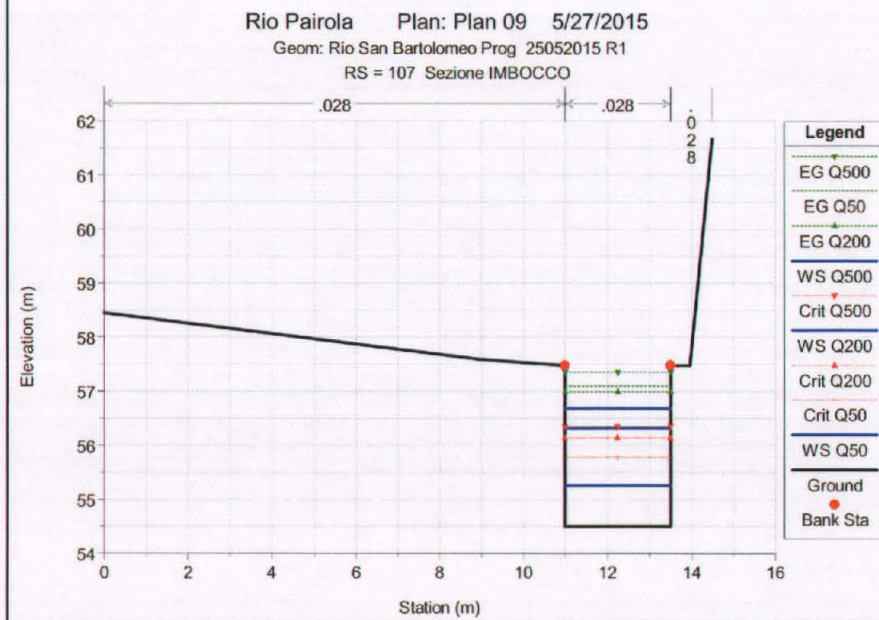
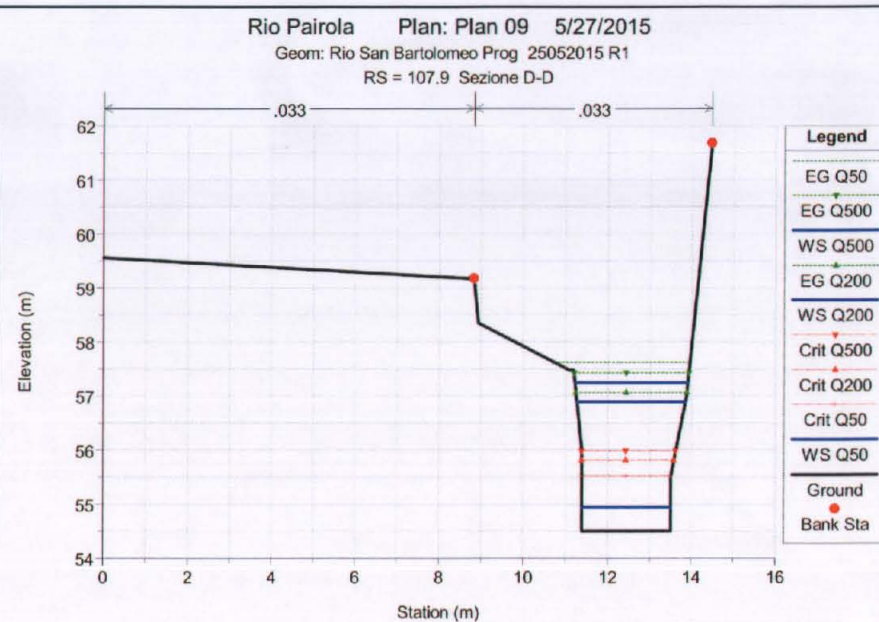
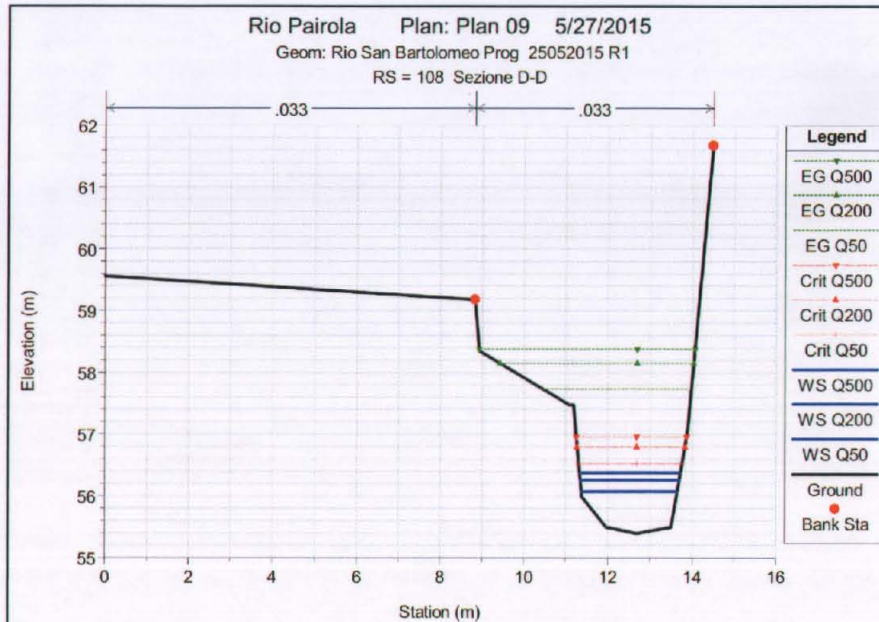
Rio San Bartolom Rio San Bartolom

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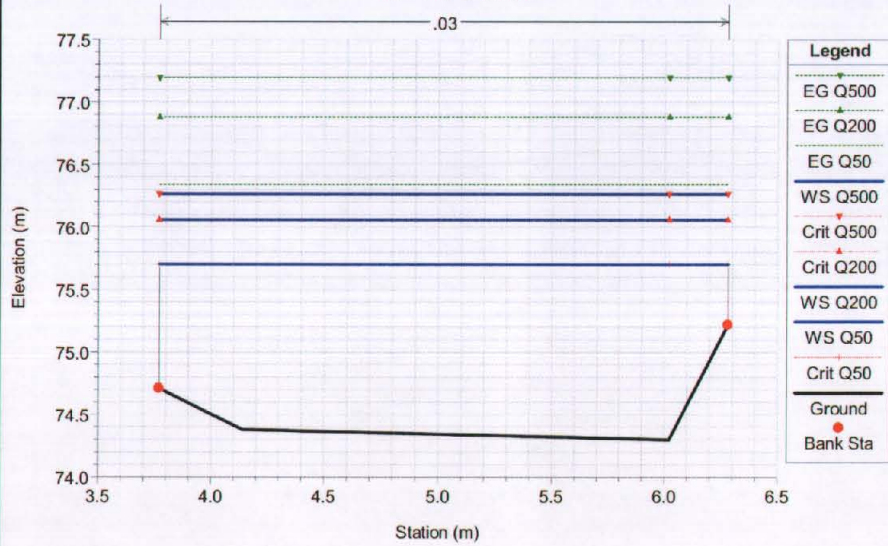




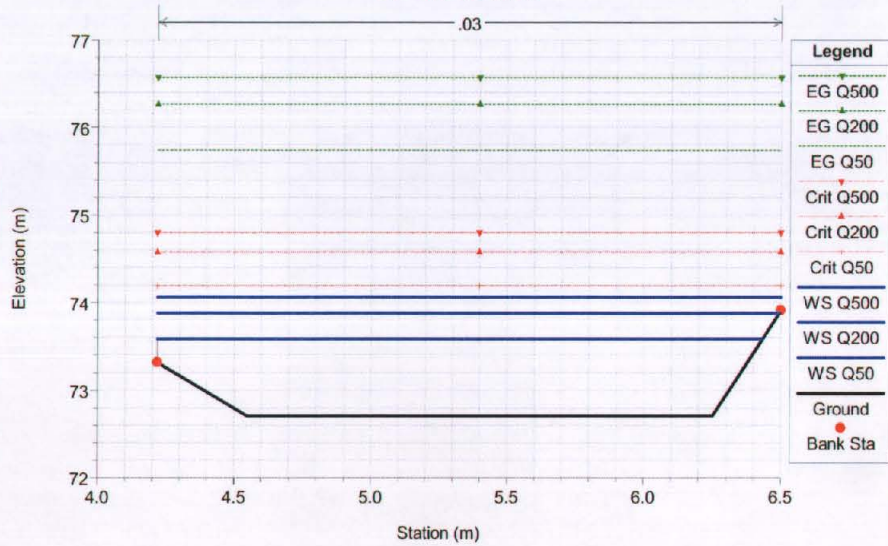




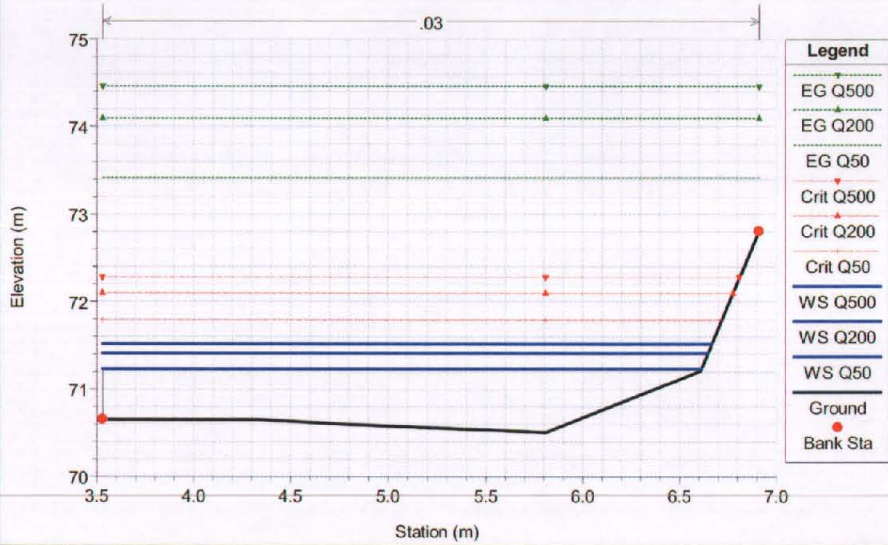
Rio Pairola Plan: Plan 09 5/27/2015
 Geom: Rio San Bartolomeo Prog 25052015 R1
 RS = 116 Sezione P



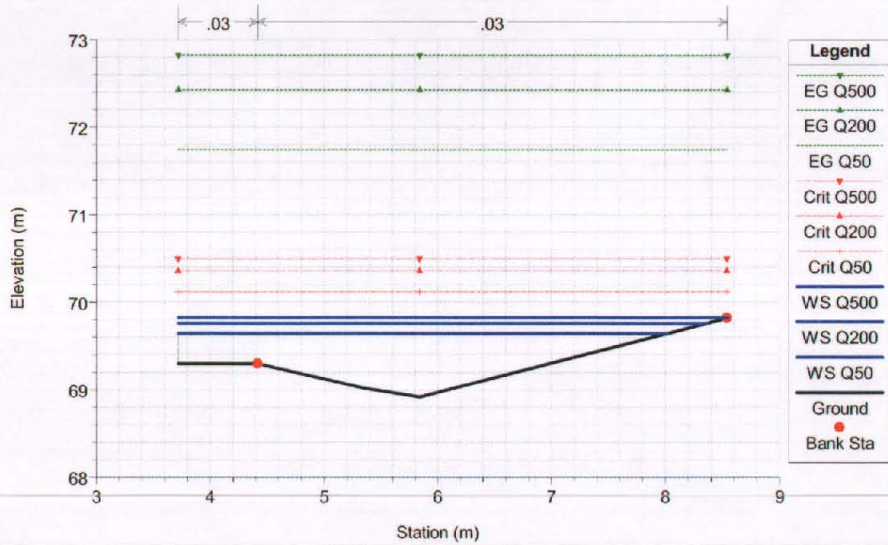
Rio Pairola Plan: Plan 09 5/27/2015
 Geom: Rio San Bartolomeo Prog 25052015 R1
 RS = 115 Sezione Q

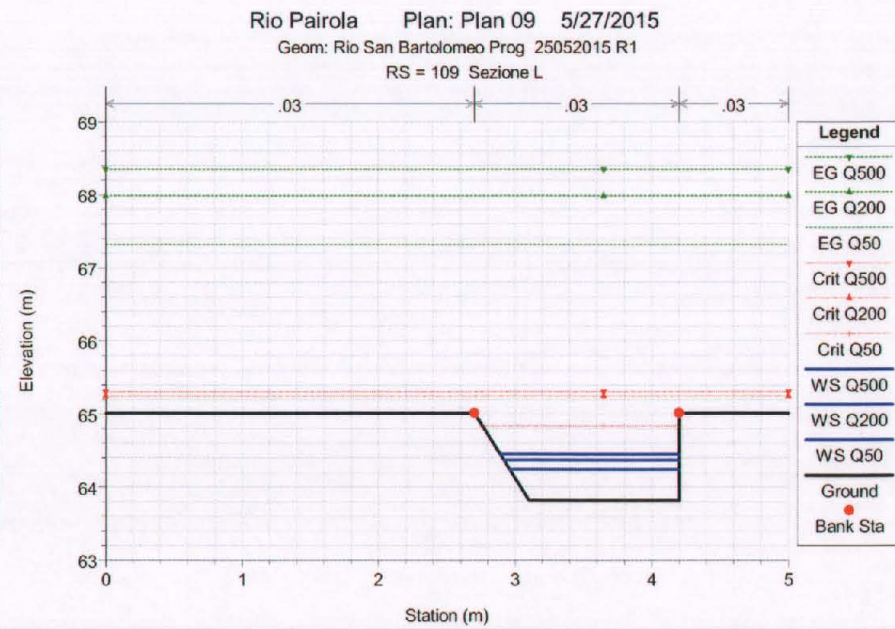
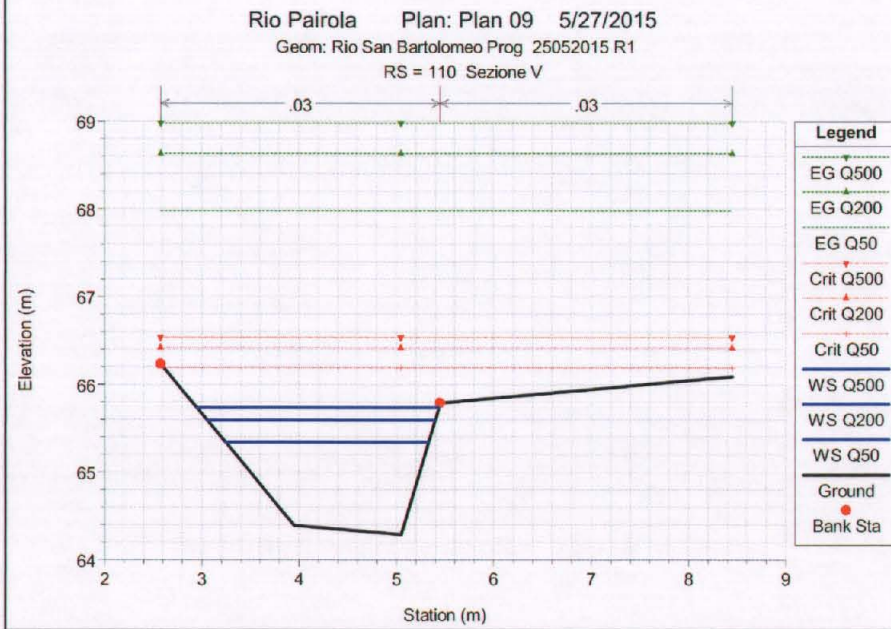
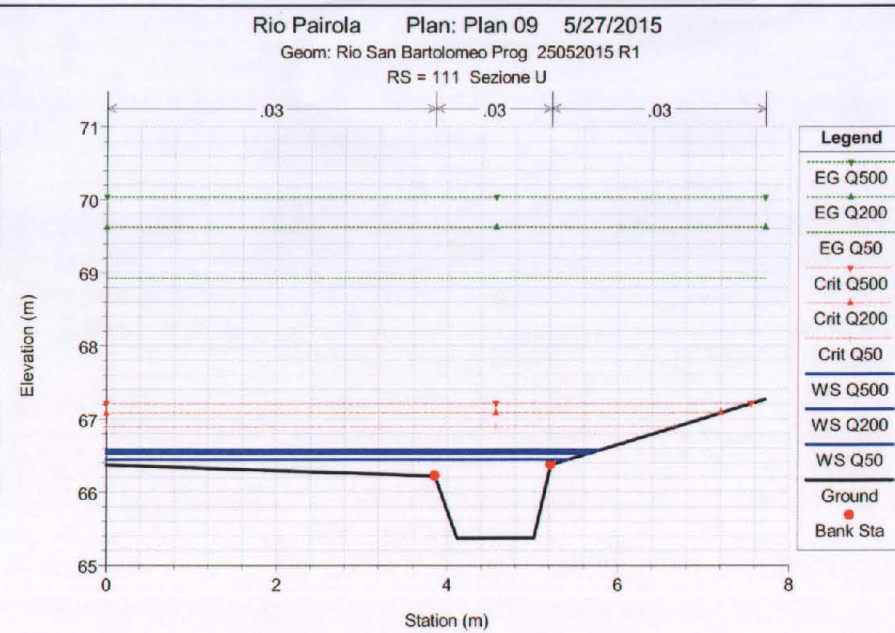
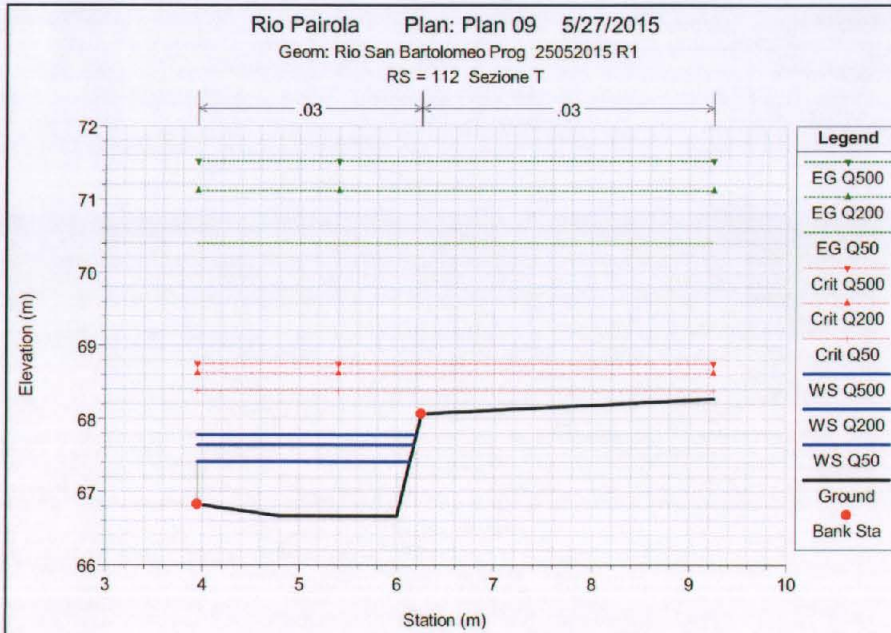


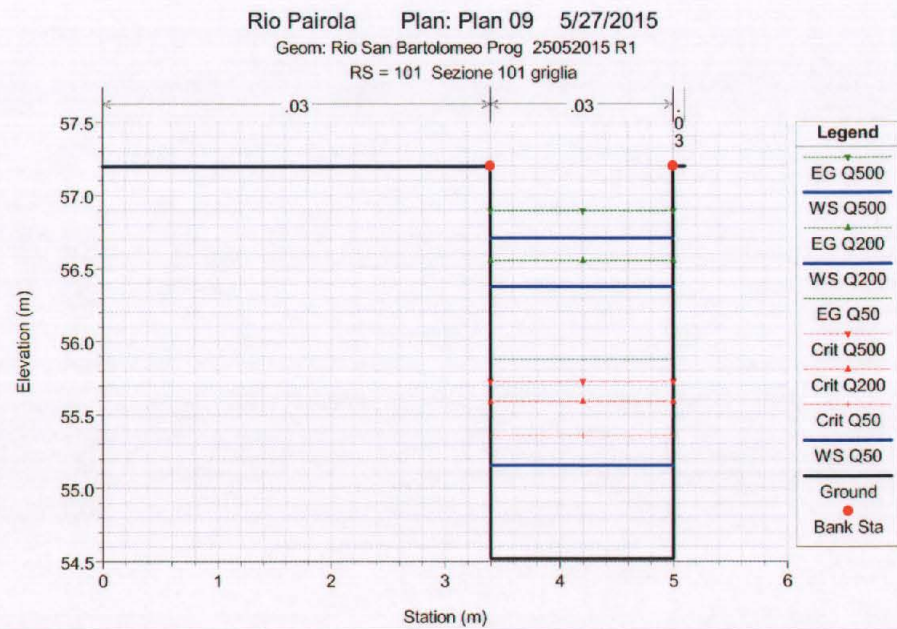
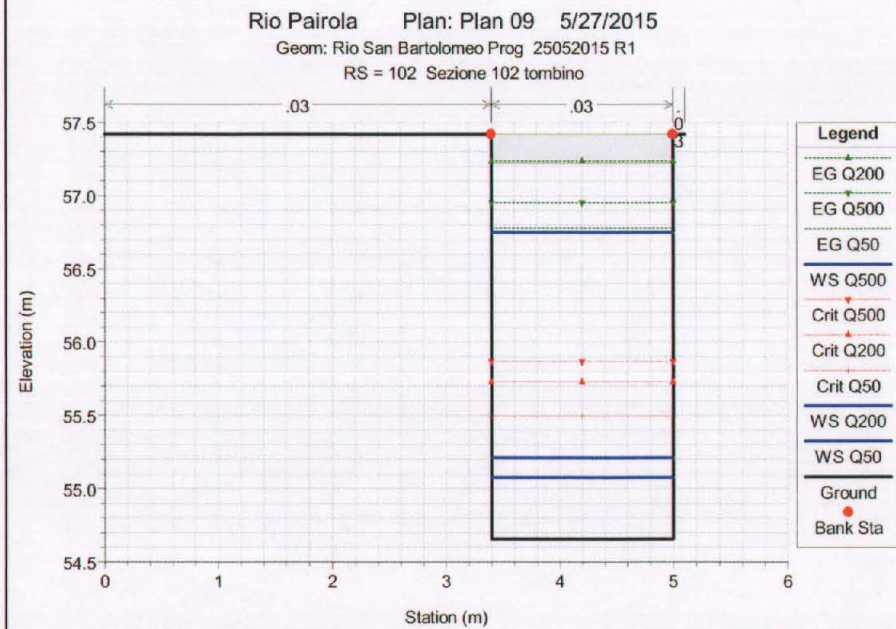
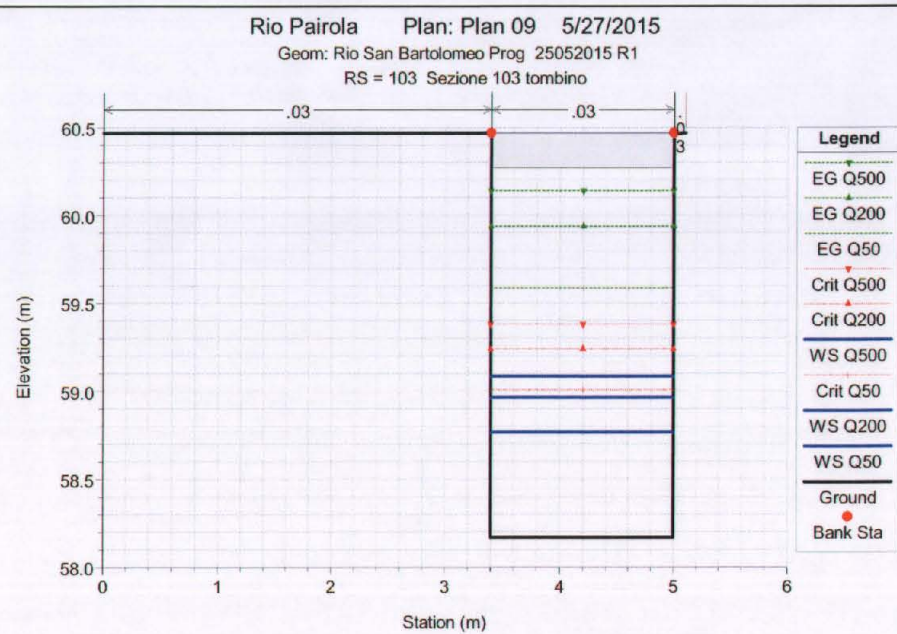
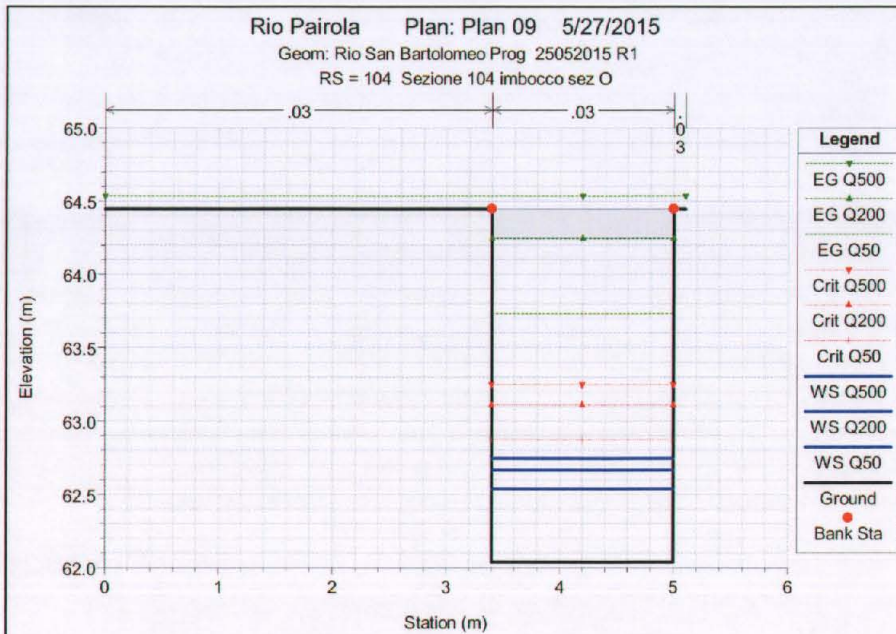
Rio Pairola Plan: Plan 09 5/27/2015
 Geom: Rio San Bartolomeo Prog 25052015 R1
 RS = 114 Sezione R



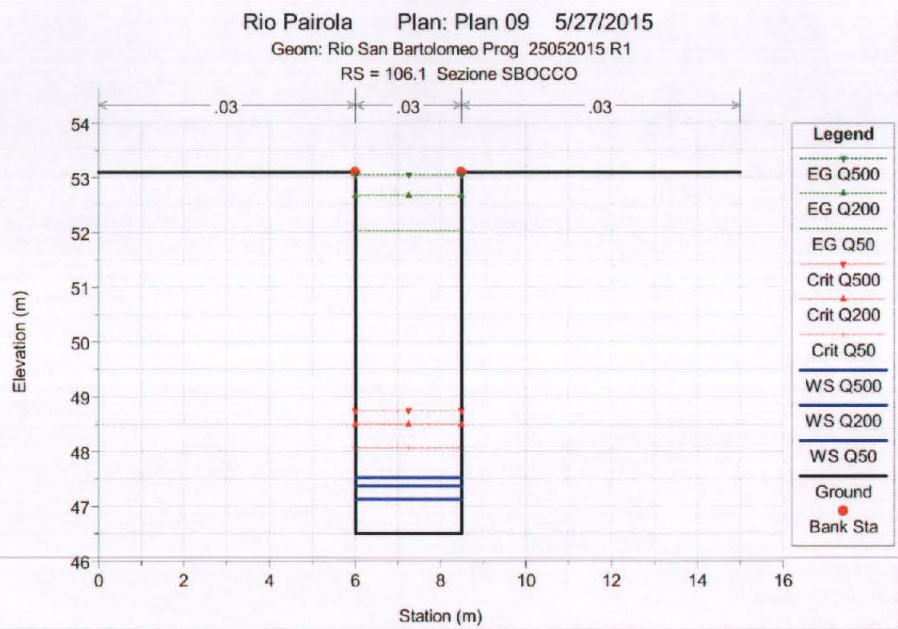
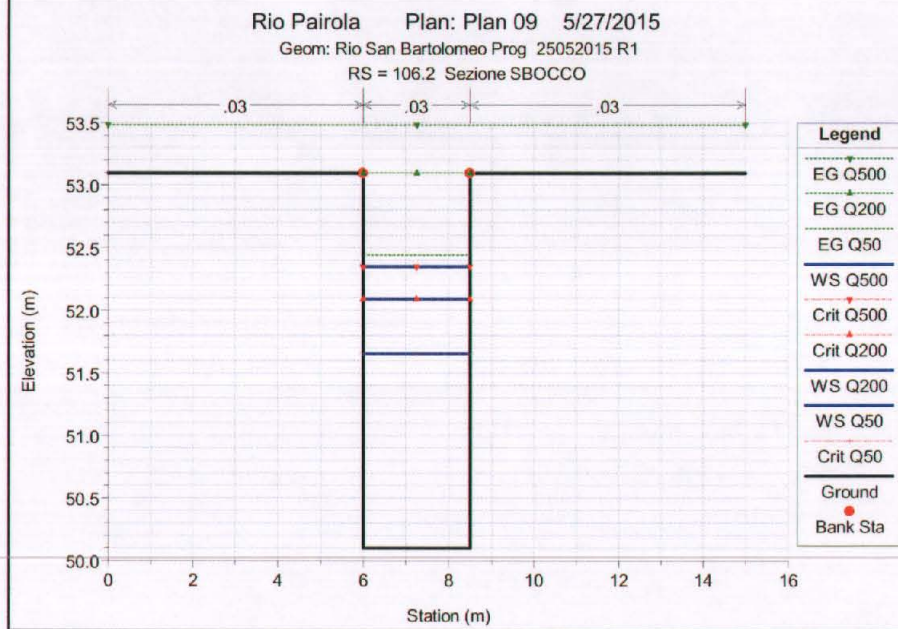
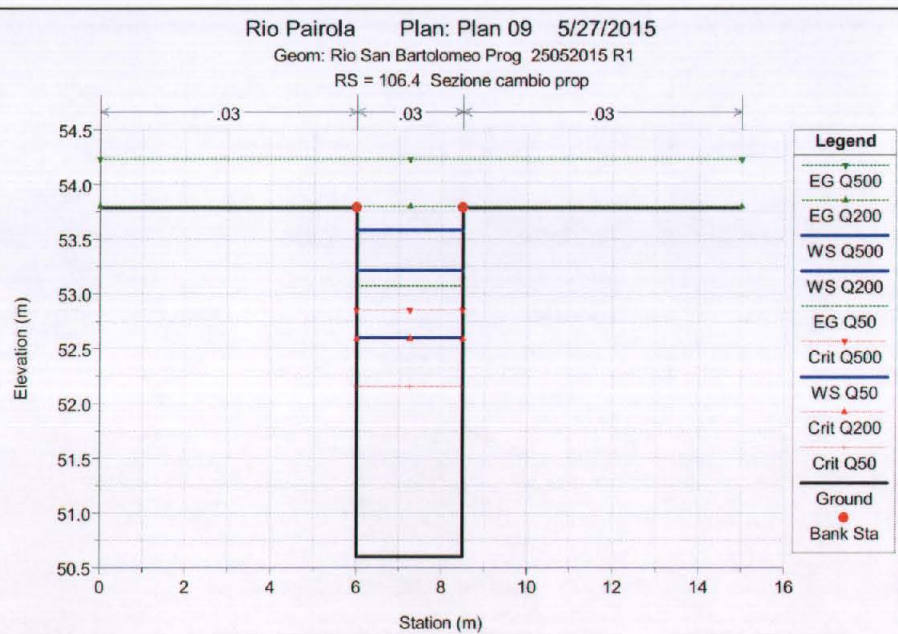
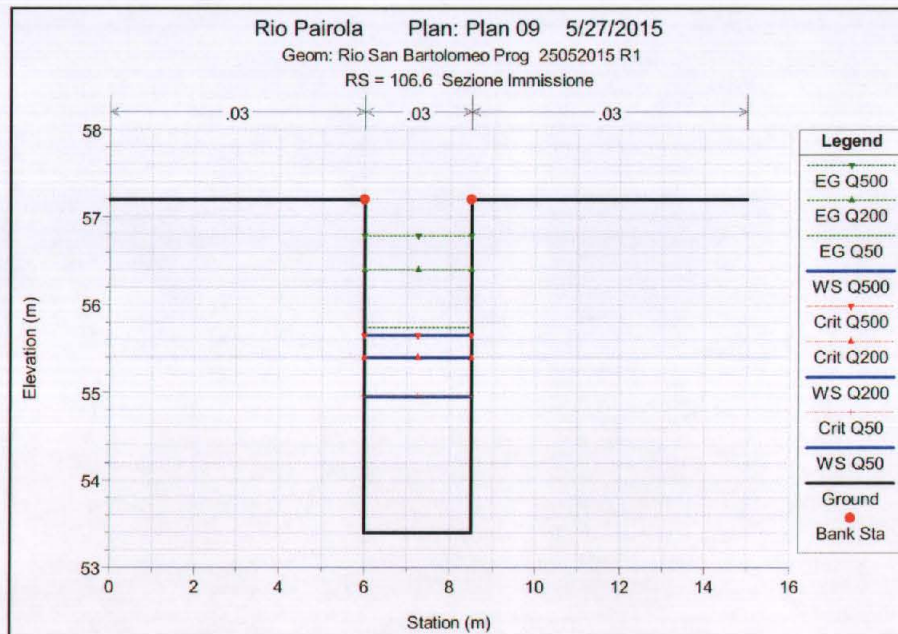
Rio Pairola Plan: Plan 09 5/27/2015
 Geom: Rio San Bartolomeo Prog 25052015 R1
 RS = 113 Sezione S

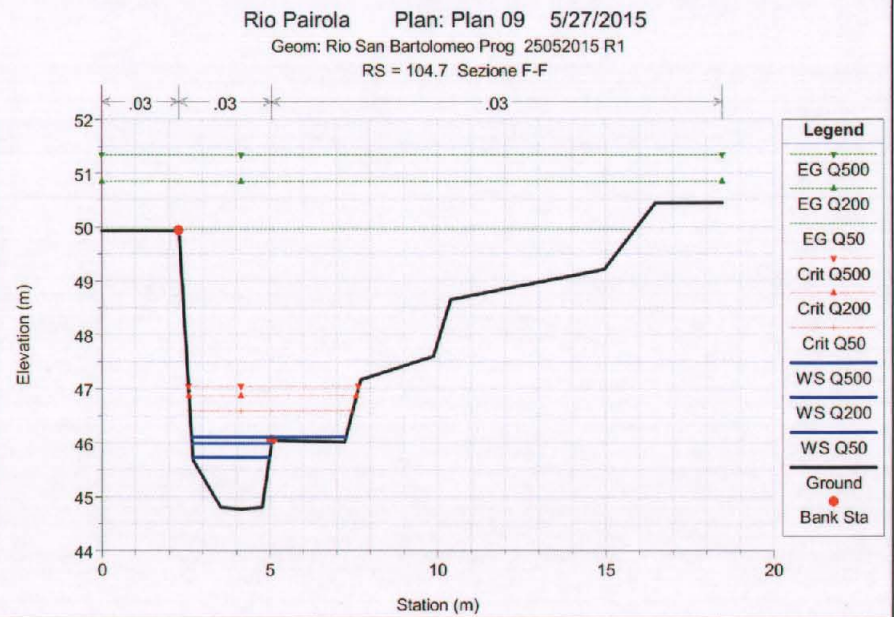
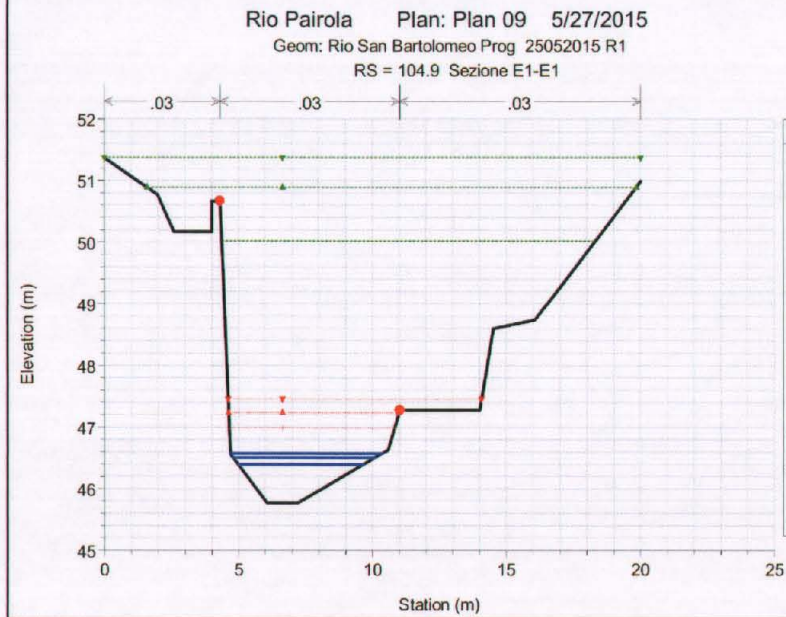
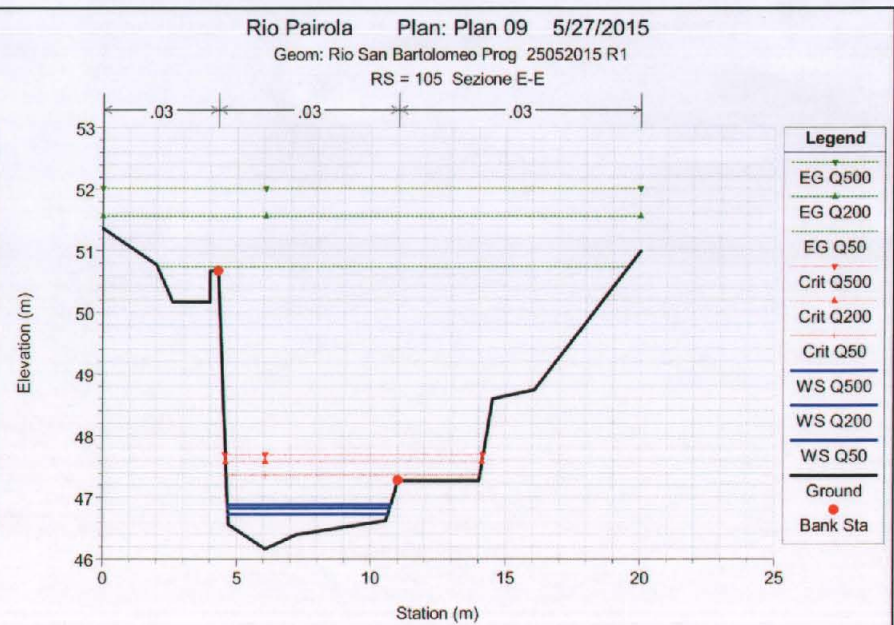
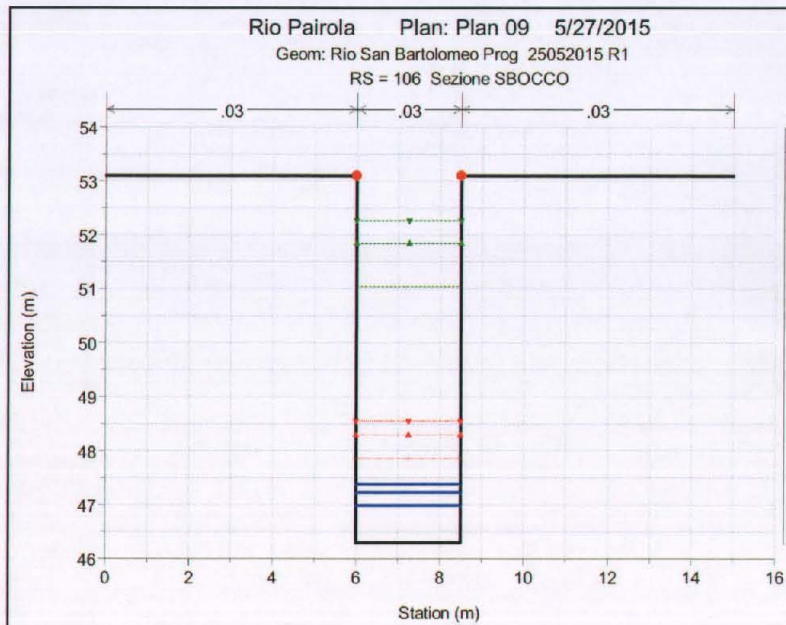


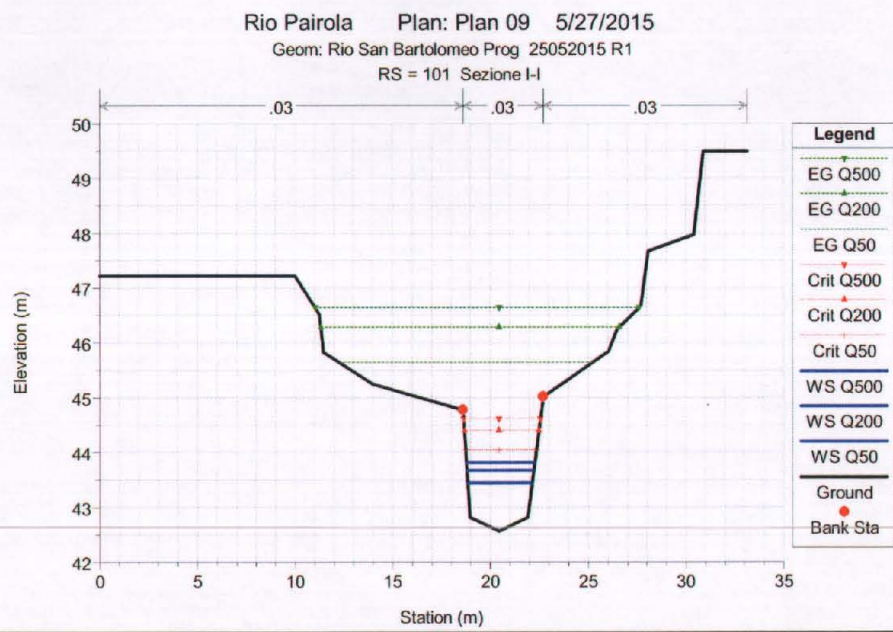
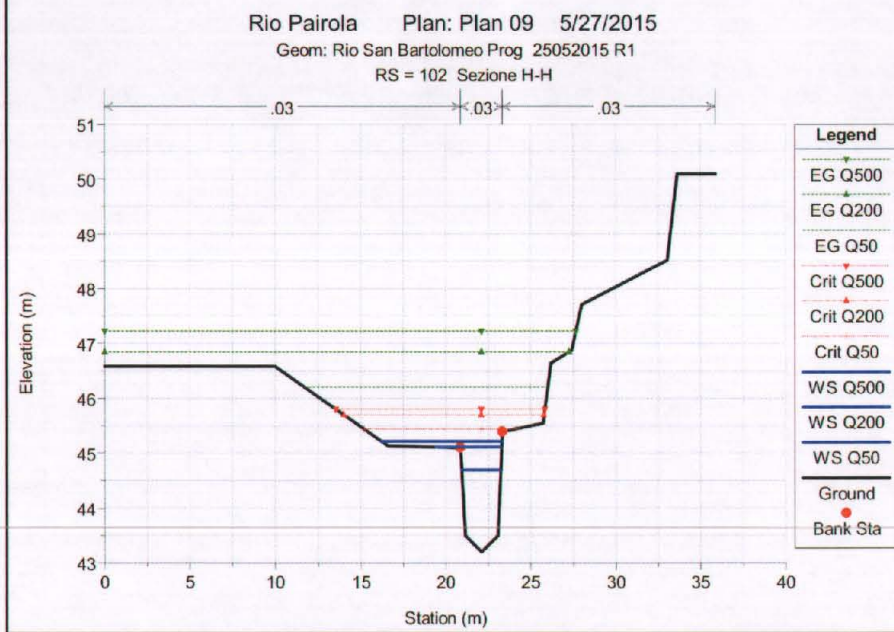
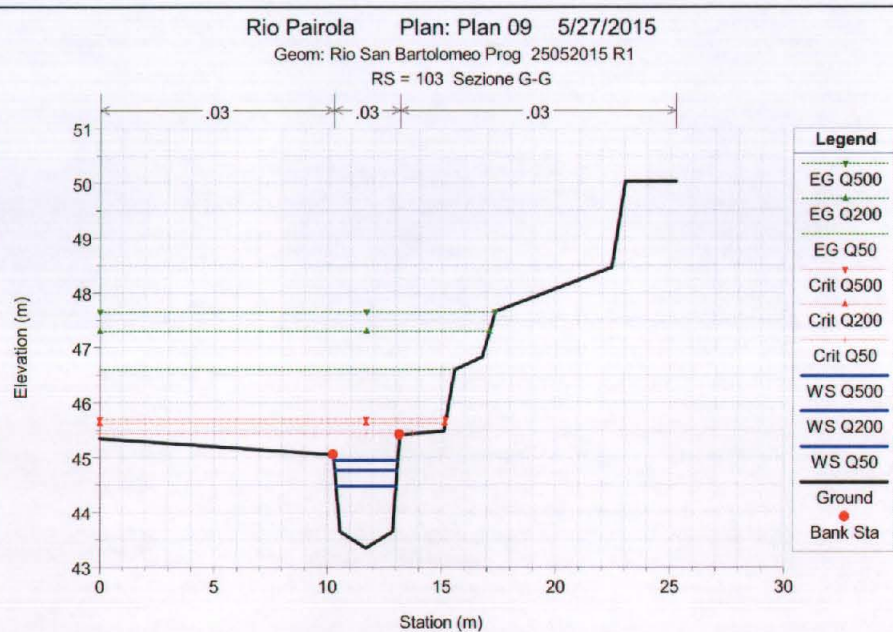
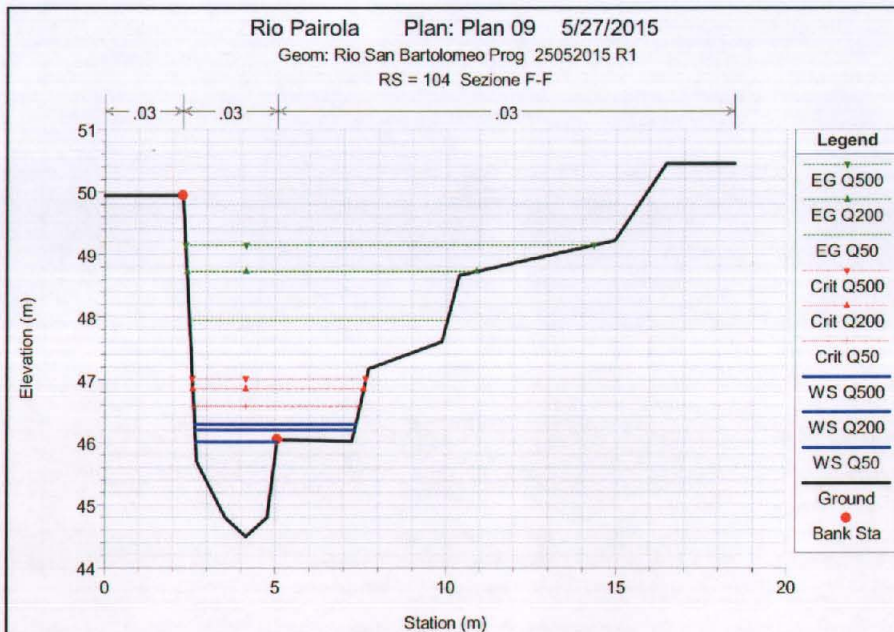




09







HEC-RAS Plan: Plan 08

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
Rio San Bartolom	116	Q50	6.90	63.33	64.45	64.27	64.63	0.007546	1.88	3.67	4.77	0.68
Rio San Bartolom	116	Q200	9.92	63.33	64.65	64.44	64.88	0.007961	2.15	4.60	4.86	0.71
Rio San Bartolom	116	Q500	12.00	63.33	64.76	64.54	65.04	0.008280	2.32	5.18	4.91	0.72
Rio San Bartolom	115	Q50	6.90	63.05	64.15	64.15	64.46	0.017503	2.45	2.81	4.73	1.02
Rio San Bartolom	115	Q200	9.92	63.05	64.32	64.32	64.70	0.016967	2.74	3.62	4.88	1.02
Rio San Bartolom	115	Q500	12.00	63.05	64.42	64.42	64.85	0.016590	2.89	4.15	4.97	1.01
Rio San Bartolom	114	Q50	6.90	60.58	61.28	61.88	62.67	0.096347	5.23	1.32	2.43	2.26
Rio San Bartolom	114	Q200	9.92	60.58	61.48	61.93	63.02	0.083023	5.51	1.80	2.52	2.08
Rio San Bartolom	114	Q500	12.00	60.58	61.80	62.09	63.24	0.077504	5.67	2.12	2.58	2.00
Rio San Bartolom	113	Q50	6.90	59.66	60.48	60.82	61.57	0.065343	4.81	1.50	2.29	1.82
Rio San Bartolom	113	Q200	9.92	59.66	60.67	61.09	62.00	0.066120	5.10	1.94	2.41	1.82
Rio San Bartolom	113	Q500	12.00	59.66	60.79	61.25	62.26	0.066601	5.38	2.23	2.49	1.81
Rio San Bartolom	112	Q50	6.90	58.96	59.89	60.13	60.70	0.045044	3.98	1.73	2.75	1.60
Rio San Bartolom	112	Q200	9.92	58.96	60.05	60.37	61.08	0.048318	4.49	2.21	3.00	1.67
Rio San Bartolom	112	Q500	12.00	58.96	60.15	60.52	61.32	0.050352	4.79	2.50	3.14	1.71
Rio San Bartolom	111	Q50	6.90	57.99	59.06	59.34	60.02	0.054768	4.35	1.59	2.24	1.65
Rio San Bartolom	111	Q200	9.92	57.99	59.29	59.71	60.40	0.051840	4.88	2.12	2.43	1.60
Rio San Bartolom	111	Q500	12.00	57.99	59.42	59.83	60.64	0.050743	4.91	2.46	3.17	1.58
Rio San Bartolom	110	Q50	6.90	57.57	58.55	58.78	59.33	0.049940	3.93	1.76	2.97	1.63
Rio San Bartolom	110	Q200	9.92	57.57	58.89	59.01	59.73	0.054620	4.53	2.19	3.09	1.72
Rio San Bartolom	110	Q500	12.00	57.57	58.78	59.23	59.99	0.057278	4.87	2.46	3.16	1.76
Rio San Bartolom	109	Q50	6.90	57.11	57.95	58.20	58.76	0.057877	3.99	1.73	3.06	1.70
Rio San Bartolom	109	Q200	9.92	57.11	58.10	58.42	59.14	0.059678	4.52	2.19	3.19	1.74
Rio San Bartolom	109	Q500	12.00	57.11	58.20	58.73	59.36	0.059345	4.78	2.51	3.28	1.74
Rio San Bartolom	108	Q50	6.85	55.40	56.08	56.53	57.74	0.119800	5.70	1.20	2.28	2.51
Rio San Bartolom	108	Q200	9.92	55.40	56.26	56.80	58.15	0.106091	6.08	1.63	2.35	2.33
Rio San Bartolom	108	Q500	11.91	55.40	56.38	56.95	58.38	0.100628	6.27	1.90	2.40	2.25
Rio San Bartolom	107.9	Q50	6.85	54.50	54.95	55.52	57.63	0.269463	7.26	0.94	2.12	3.47
Rio San Bartolom	107.9	Q200	9.92	54.50	56.89	55.81	57.07	0.005231	1.85	5.38	2.60	0.41
Rio San Bartolom	107.9	Q500	11.91	54.50	57.25	55.99	57.43	0.005011	1.86	6.32	2.70	0.39
Rio San Bartolom	107	Q50	11.43	54.50	55.26	55.78	57.10	0.076584	6.00	1.90	2.50	2.20
Rio San Bartolom	107	Q200	16.56	54.50	56.31	56.14	56.99	0.015768	3.67	4.52	2.50	0.87
Rio San Bartolom	107	Q500	19.87	54.50	56.68	56.35	57.36	0.014121	3.64	5.46	2.50	0.79
Rio San Bartolom	106.8	Q50	11.43	53.60	55.52	54.88	55.81	0.006479	2.39	4.79	2.50	0.55
Rio San Bartolom	106.8	Q200	16.56	53.60	56.38	55.24	56.67	0.005444	2.39	6.94	2.50	0.46
Rio San Bartolom	106.8	Q500	19.87	53.60	56.71	55.45	57.04	0.005963	2.56	7.78	2.50	0.46
Rio S Bartolom v	106.6	Q50	15.27	53.40	54.96	54.96	55.74	0.022615	3.93	3.89	2.50	1.00
Rio S Bartolom v	106.6	Q200	22.12	53.40	55.39	55.39	56.40	0.025246	4.44	4.98	2.50	1.00
Rio S Bartolom v	106.6	Q500	26.54	53.40	55.65	55.65	56.78	0.026841	4.72	5.62	2.50	1.00
Rio S Bartolom v	106.4	Q50	15.27	50.60	52.60	52.16	53.07	0.011938	3.06	5.00	2.50	0.69
Rio S Bartolom v	106.4	Q200	22.12	50.60	53.22	52.59	53.80	0.012875	3.38	6.54	2.50	0.67
Rio S Bartolom v	106.4	Q500	26.54	50.60	53.58	52.85	54.23	0.013495	3.86	7.46	2.50	0.66
Rio S Bartolom v	106.2	Q50	15.27	50.10	51.66	51.66	52.44	0.022609	3.93	3.89	2.50	1.00
Rio S Bartolom v	106.2	Q200	22.12	50.10	52.09	52.09	53.10	0.025244	4.44	4.98	2.50	1.00
Rio S Bartolom v	106.2	Q500	26.54	50.10	52.35	52.35	53.48	0.026842	4.72	5.62	2.50	1.00
Rio S Bartolom v	106.1	Q50	15.27	46.50	47.12	48.06	52.03	0.279584	9.81	1.56	2.50	3.97
Rio S Bartolom v	106.1	Q200	22.12	46.50	47.37	48.49	52.68	0.229095	10.21	2.17	2.50	3.50
Rio S Bartolom v	106.1	Q500	26.54	46.50	47.52	48.75	53.05	0.210972	10.42	2.55	2.50	3.29
Rio S Bartolom v	106	Q50	15.27	46.30	46.98	47.86	51.04	0.212312	8.92	1.71	2.50	3.44
Rio S Bartolom v	106	Q200	22.12	46.30	47.23	48.29	51.84	0.188204	9.51	2.33	2.50	3.15
Rio S Bartolom v	106	Q500	26.54	46.30	47.38	48.55	52.27	0.178266	9.79	2.71	2.50	3.00
Rio S Bartolom v	105	Q50	15.27	46.17	46.73	47.36	50.74	0.395232	8.87	1.72	5.96	5.27
Rio S Bartolom v	105	Q200	22.12	46.17	46.82	47.58	51.56	0.332645	9.64	2.29	6.04	4.99
Rio S Bartolom v	105	Q500	26.54	46.17	46.88	47.69	52.01	0.305435	10.03	2.65	6.08	4.85
Rio S Bartolom v	104.9	Q50	15.27	45.77	46.39	46.99	50.02	0.241771	8.44	1.81	4.65	4.32
Rio S Bartolom v	104.9	Q200	22.12	45.77	46.51	47.23	50.89	0.241443	9.28	2.38	5.30	4.42
Rio S Bartolom v	104.9	Q500	26.54	45.77	46.57	47.46	51.38	0.240840	9.71	2.73	5.66	4.46
Rio S Bartolom v	104.7	Q50	15.27	44.77	45.74	46.60	49.96	0.195481	9.11	1.68	2.29	3.40
Rio S Bartolom v	104.7	Q200	22.12	44.77	45.99	46.87	50.84	0.181030	9.76	2.27	2.37	3.19
Rio S Bartolom v	104.7	Q500	26.54	44.77	46.11	47.05	51.34	0.178702	10.20	2.73	4.62	3.15
Rio S Bartolom v	104	Q50	15.27	44.50	46.01	46.58	47.94	0.067746	6.16	2.48	2.38	1.93
Rio S Bartolom v	104	Q200	22.12	44.50	46.20	46.85	48.72	0.078805	7.17	3.31	4.66	2.07
Rio S Bartolom v	104	Q500	26.54	44.50	46.29	47.01	49.14	0.085341	7.72	3.74	4.71	2.16

HEC-RAS Plan: Plan 08 (Continued)

Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Rio S Bartolom v	103	Q50	15.27	43.35	44.47	45.44	46.60	0.077313	6.47	2.36	2.61	2.17
Rio S Bartolom v	103	Q200	22.12	43.35	44.76	45.62	47.30	0.075478	7.05	3.14	2.73	2.10
Rio S Bartolom v	103	Q500	26.54	43.35	44.94	45.70	47.65	0.073363	7.29	3.64	2.80	2.04
Rio S Bartolom v	102	Q50	15.27	43.20	44.70	45.44	46.21	0.049100	5.45	2.80	2.31	1.58
Rio S Bartolom v	102	Q200	22.12	43.20	45.11	45.70	46.85	0.047511	5.84	3.79	3.85	1.50
Rio S Bartolom v	102	Q500	26.54	43.20	45.22	45.80	47.22	0.052789	6.36	4.52	7.15	1.58
Rio S Bartolom v	101	Q50	15.27	42.57	43.44	44.05	45.64	0.088309	6.57	2.32	3.30	2.50
Rio S Bartolom v	101	Q200	22.12	42.57	43.67	44.40	46.29	0.082714	7.17	3.09	3.42	2.41
Rio S Bartolom v	101	Q500	26.54	42.57	43.81	44.61	46.64	0.080100	7.46	3.56	3.50	2.38