



**Comune di Galtelli**  
Provincia di Nuoro





# PIANO URBANISTICO COMUNALE IN ADEGUAMENTO AL PPR E AL PAI

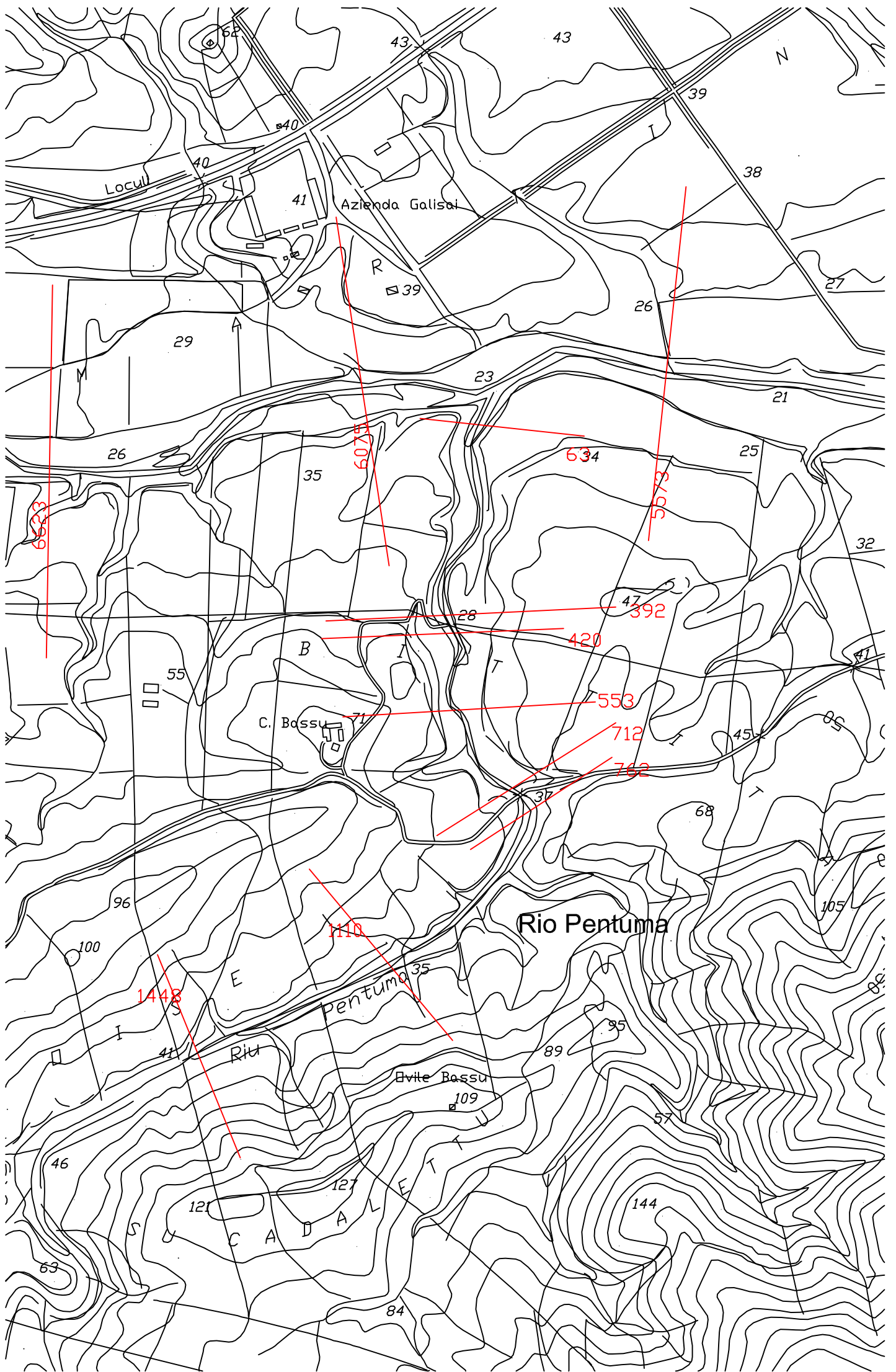
Mappatura delle aree a pericolosità geologica e idraulica  
del territorio del Comune di Galtelli  
nell'ambito dell'adeguamento del PUC al PAI

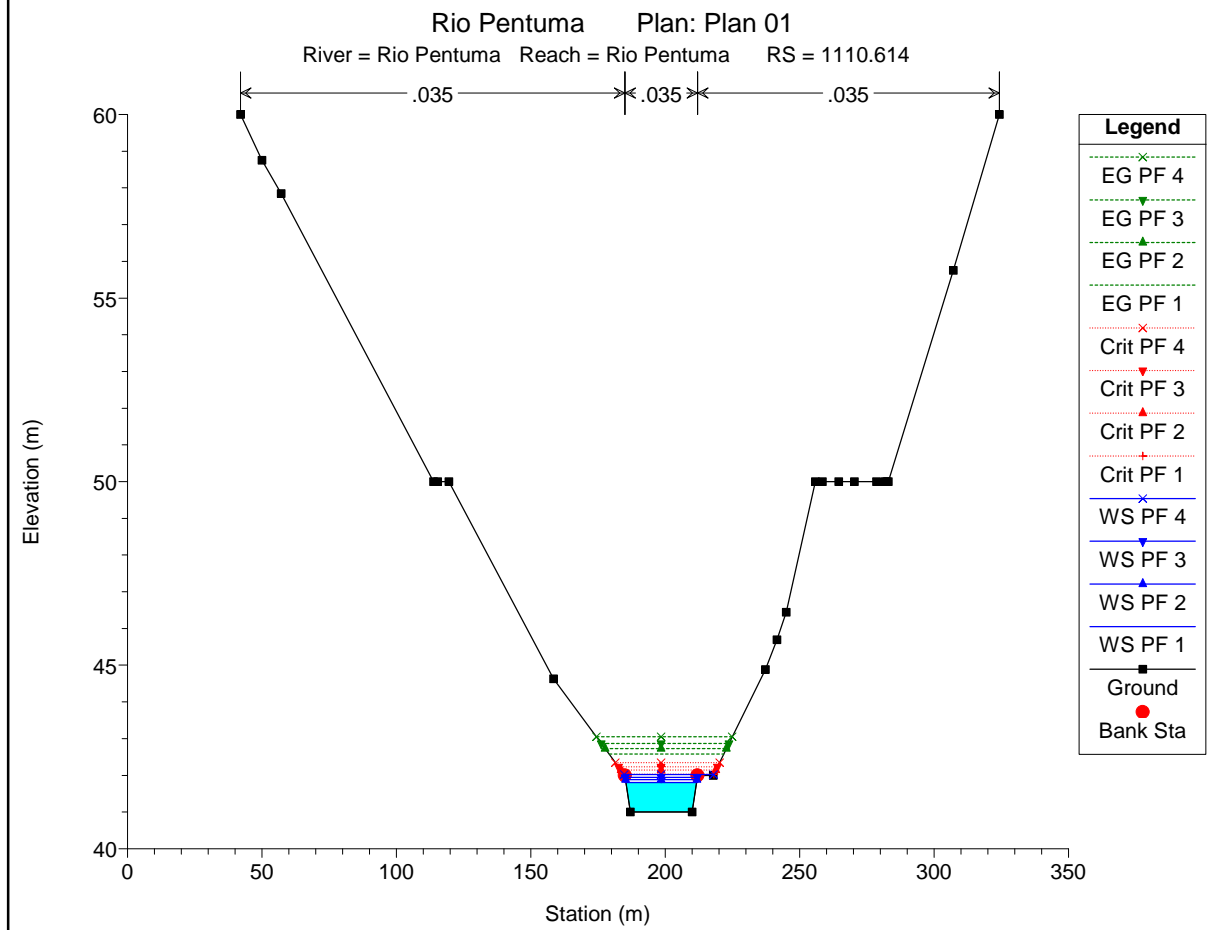
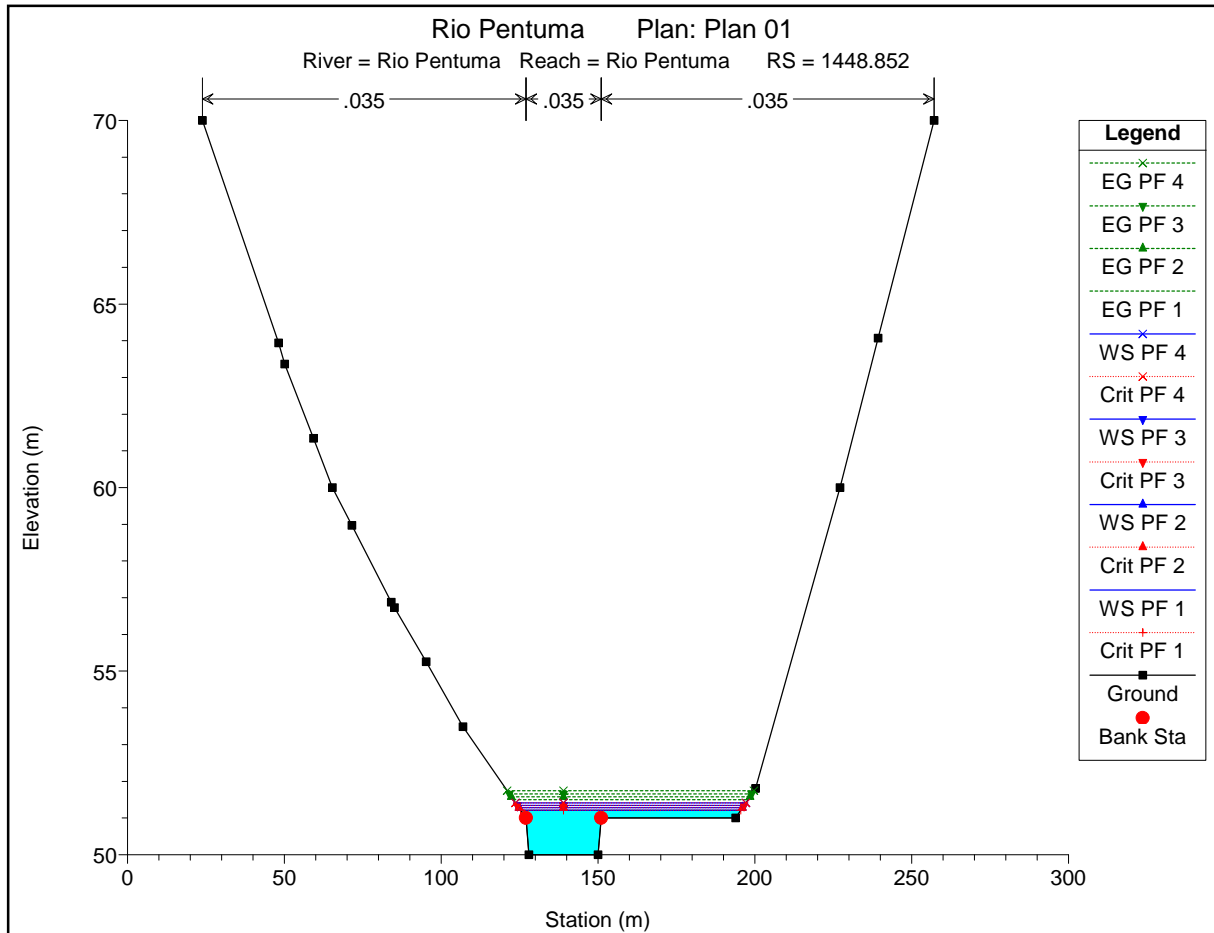
**SUB BACINO 5 - POSADA-CEDRINO**

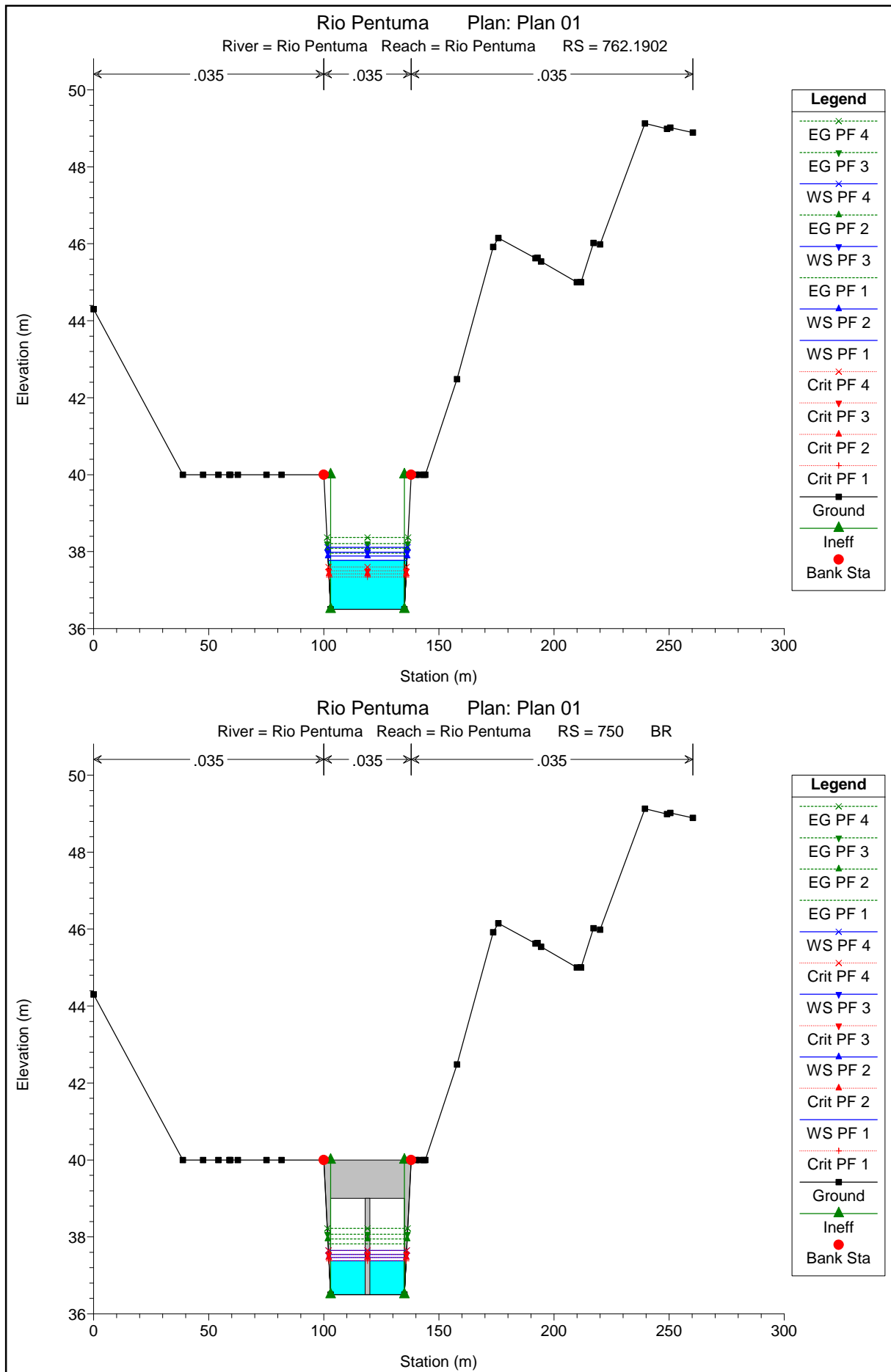
**TAV. 3.9.2**

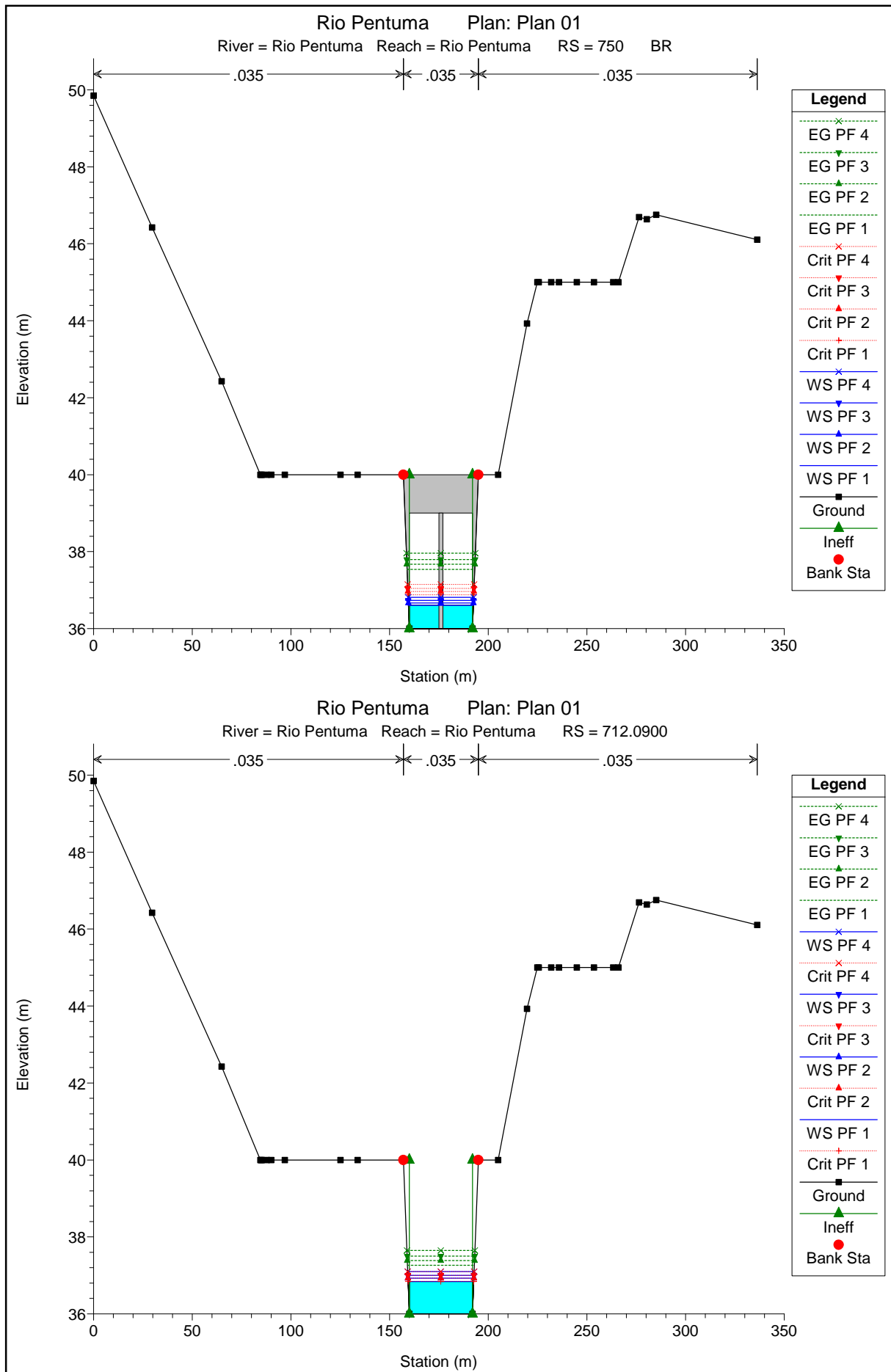
**RIO PENTUMA CALCOLO IDRAULICO**

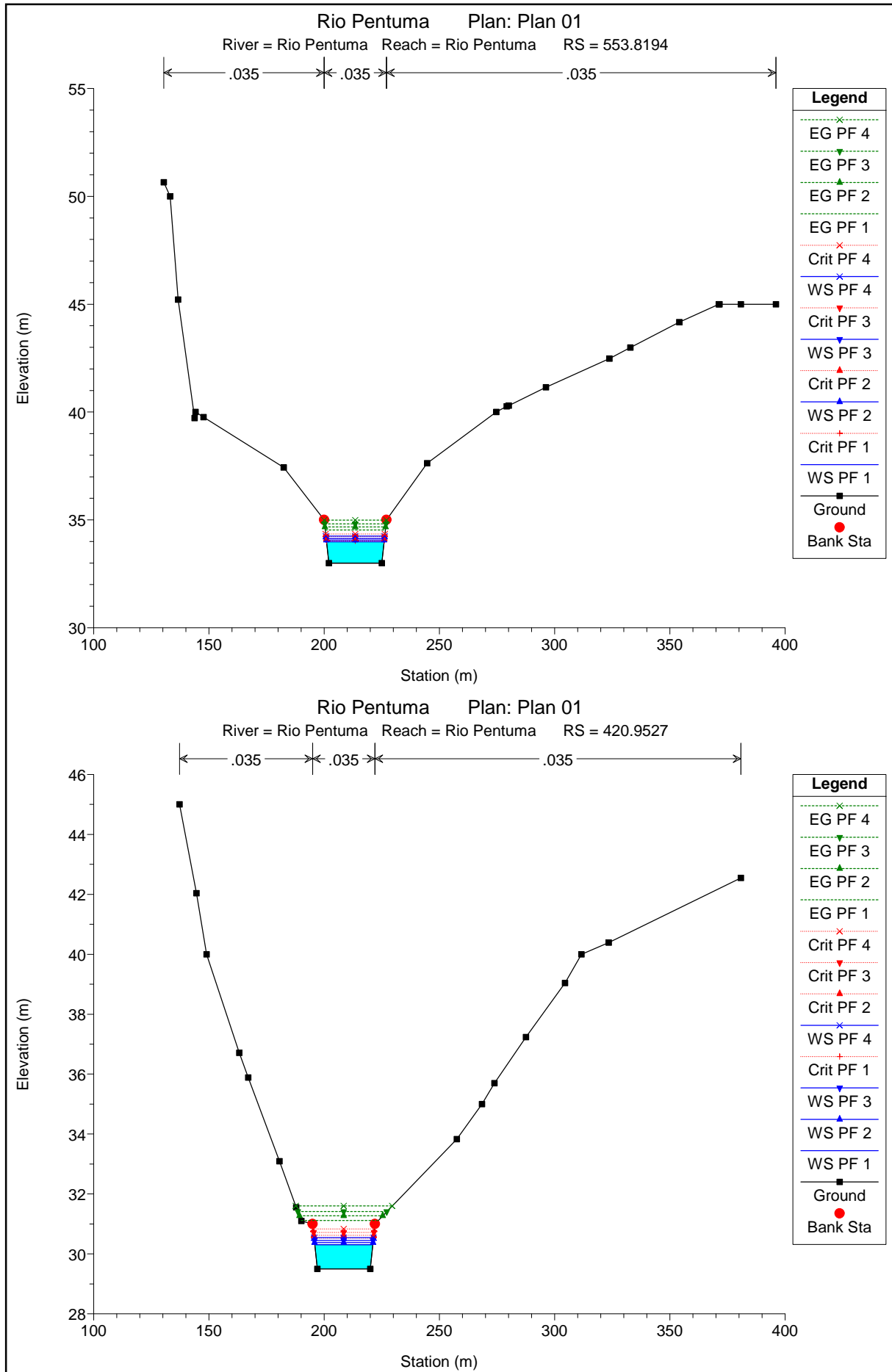
Base topografica: Cartografia tecnica regionale numerica scala 1:10000		Coordinate: Gauss - Boaga C.T.R. n. 500030-500040- 500080-482150-482160	Gennaio 2011
L'Amministrazione Comunale	I Tecnici: Geol. Giovanni S. Calia	 Ing. Maddalena Idili Ing. Pinella Monni Geol. Andrea Selis	 ORDINE DEI GEOLOGI REGIONE SARDEGNA N. 184 Dr. Geol. Giovanni Salvatore Calia
			 ORDINE INGEGNERI PROVINCIA DI NUORO N. A643 - Settore A B C Dr. Ing. Maddalena Idili
Revisione n°  Rev. 0	Presentato il	 ORDINE DEI GEOLOGI REGIONE SARDEGNA N. 630 Dott. Geol. ANDREA SELIS	
		Approvato il	

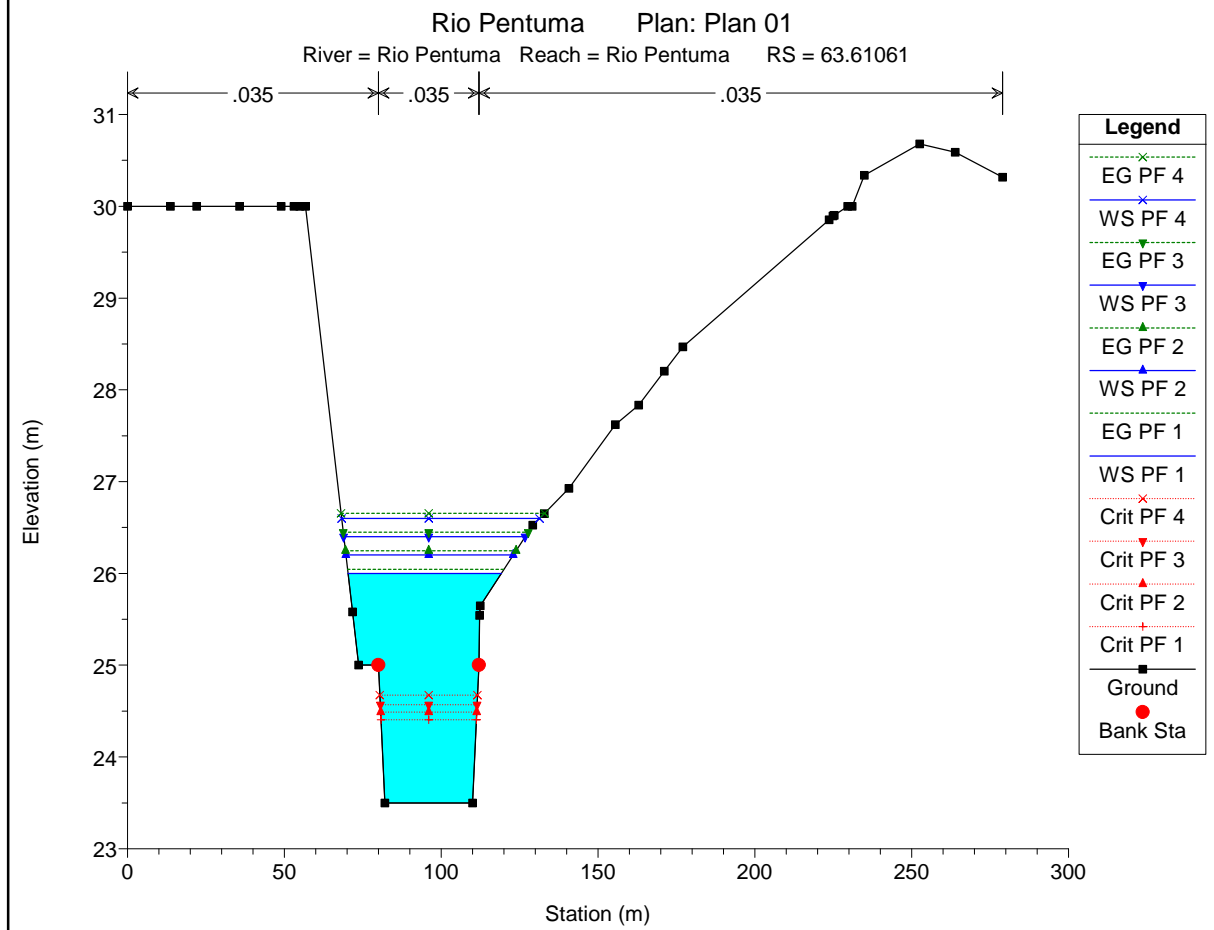
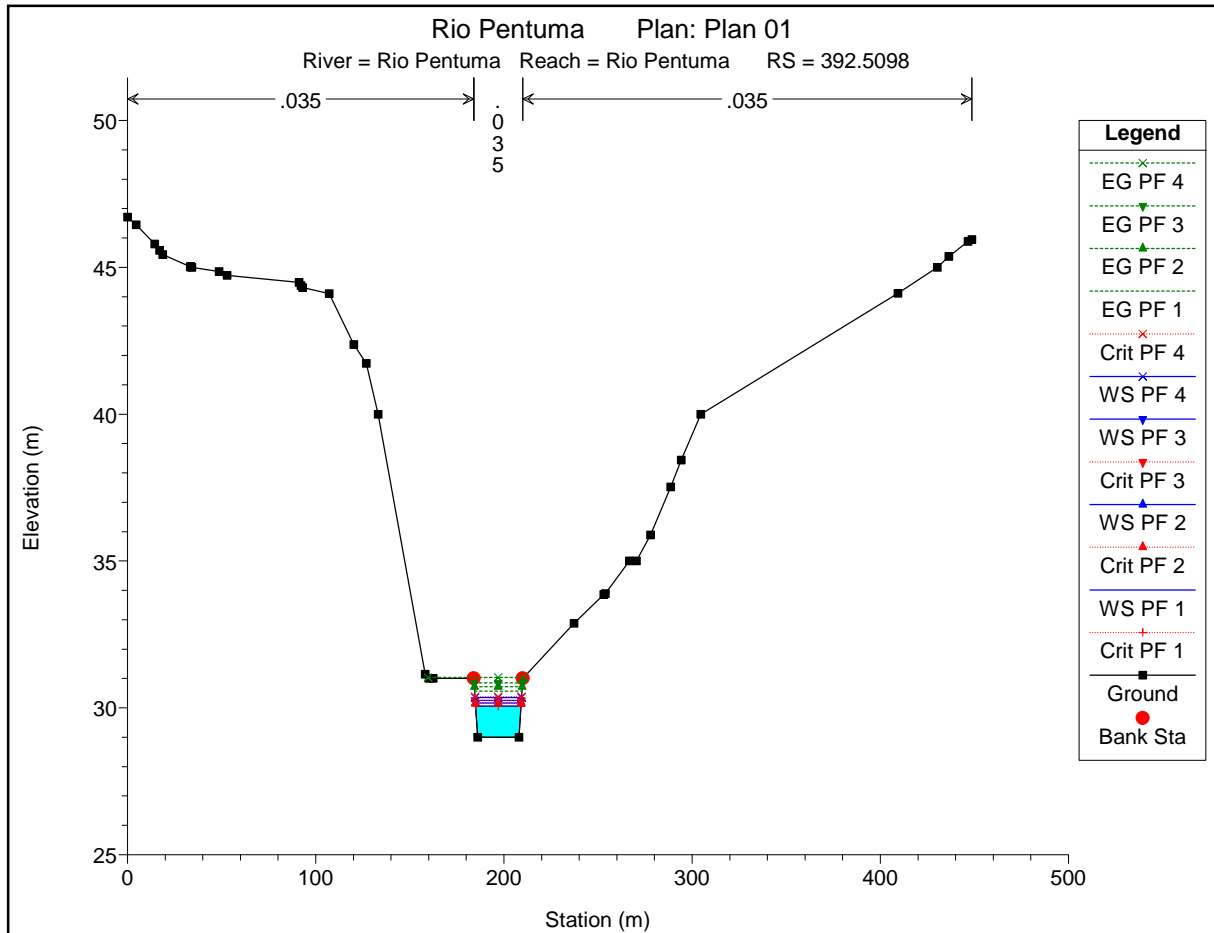








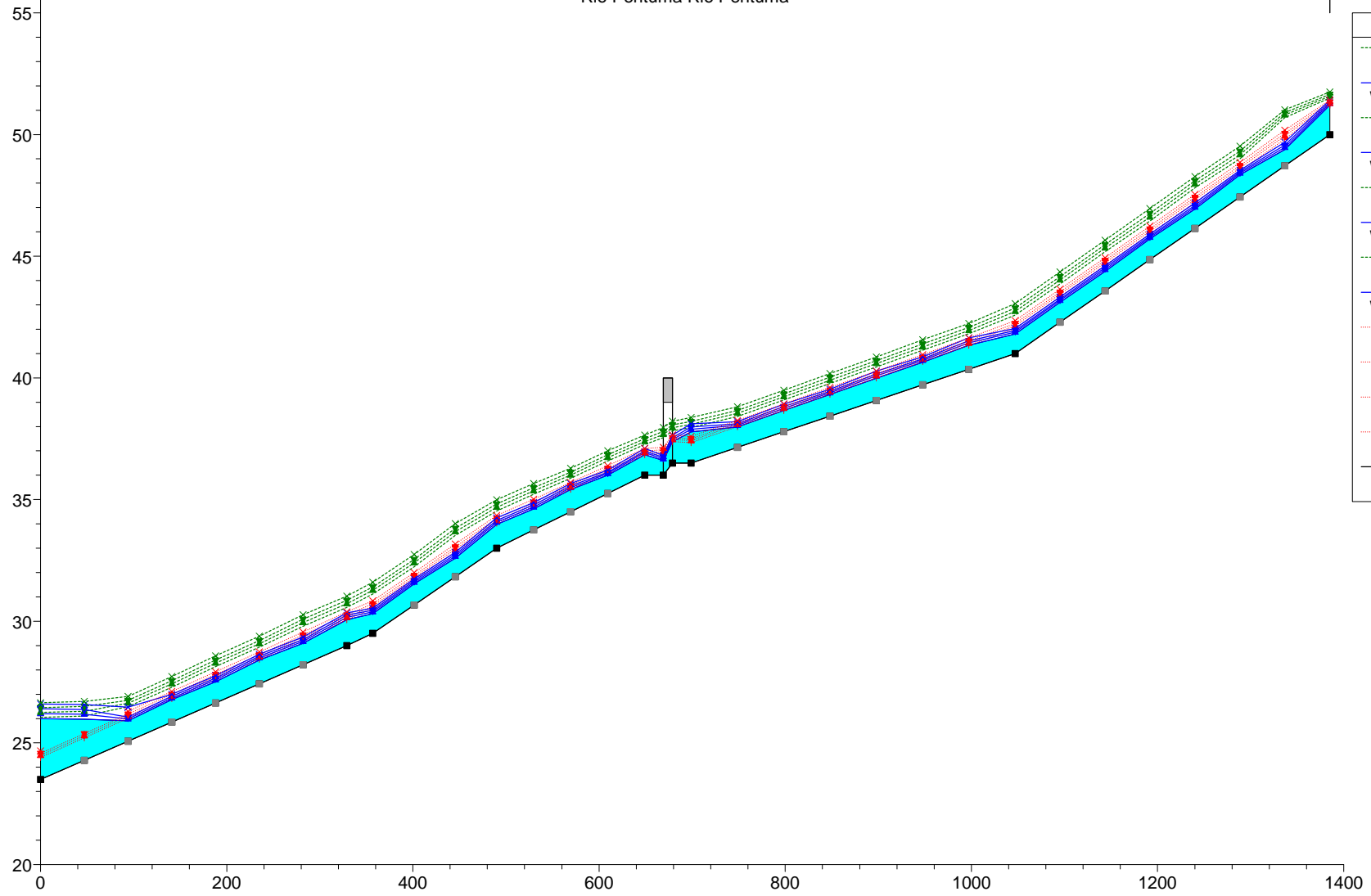




Rio Pentuma Plan: Plan 01

Rio Pentuma Rio Pentuma

Elevation (m)



Legend	
EG PF 4	(Green dashed line with 'x' markers)
WS PF 4	(Blue solid line with 'x' markers)
EG PF 3	(Green dashed line with inverted triangle markers)
WS PF 3	(Blue solid line with inverted triangle markers)
EG PF 2	(Green dashed line with triangle markers)
WS PF 2	(Blue solid line with triangle markers)
EG PF 1	(Green dashed line with square markers)
WS PF 1	(Blue solid line with square markers)
Crit PF 4	(Red dotted line with 'x' markers)
Crit PF 3	(Red dotted line with inverted triangle markers)
Crit PF 2	(Red dotted line with triangle markers)
Crit PF 1	(Red dotted line with square markers)
Ground	(Black solid line with square markers)



HEC-RAS Plan: Plan 01 River: Rio Pentuma Reach: Rio Pentuma

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 Pentuma	1448.852	PF 1	77.44	50.00	51.21	51.21	51.50	0.006519	2.50	37.32	70.22	0.74
Rio Pentuma	1448.852	PF 2	89.02	50.00	51.28	51.28	51.58	0.006527	2.60	42.16	71.30	0.75
Rio Pentuma	1448.852	PF 3	100.27	50.00	51.34	51.34	51.65	0.006505	2.68	46.61	72.28	0.75
Rio Pentuma	1448.852	PF 4	115.63	50.00	51.41	51.41	51.75	0.006601	2.80	51.90	73.43	0.76
Rio Pentuma	1110.614	PF 1	77.44	41.00	41.81	42.03	42.58	0.027287	3.89	19.91	26.24	1.43
Rio Pentuma	1110.614	PF 2	89.02	41.00	41.88	42.14	42.73	0.027067	4.08	21.80	26.52	1.44
Rio Pentuma	1110.614	PF 3	100.27	41.00	41.94	42.24	42.87	0.027059	4.26	23.52	26.78	1.45
Rio Pentuma	1110.614	PF 4	115.63	41.00	42.03	42.35	43.05	0.027019	4.49	25.88	33.27	1.47
Rio Pentuma	762.1902	PF 1	77.44	36.50	37.78	37.34	37.96	0.003181	1.90	40.84	34.19	0.54
Rio Pentuma	762.1902	PF 2	89.02	36.50	37.88	37.42	38.09	0.003214	2.01	44.27	34.37	0.55
Rio Pentuma	762.1902	PF 3	100.27	36.50	37.98	37.50	38.21	0.003230	2.11	47.47	34.54	0.55
Rio Pentuma	762.1902	PF 4	115.63	36.50	38.11	37.60	38.37	0.003252	2.24	51.60	34.76	0.56
Rio Pentuma	750		Bridge									
Rio Pentuma	712.0900	PF 1	77.44	36.00	36.84	36.84	37.26	0.012787	2.88	26.91	33.26	1.00
Rio Pentuma	712.0900	PF 2	89.02	36.00	36.92	36.92	37.39	0.012301	3.01	29.59	33.39	1.00
Rio Pentuma	712.0900	PF 3	100.27	36.00	37.00	37.00	37.50	0.012063	3.14	31.97	33.50	1.00
Rio Pentuma	712.0900	PF 4	115.63	36.00	37.10	37.10	37.65	0.011617	3.28	35.22	33.65	1.00
Rio Pentuma	553.8194	PF 1	77.44	33.00	33.98	34.03	34.53	0.014876	3.28	23.58	24.97	1.08
Rio Pentuma	553.8194	PF 2	89.02	33.00	34.07	34.13	34.68	0.014870	3.46	25.74	25.14	1.09
Rio Pentuma	553.8194	PF 3	100.27	33.00	34.14	34.22	34.82	0.015102	3.63	27.60	25.29	1.11
Rio Pentuma	553.8194	PF 4	115.63	33.00	34.24	34.34	34.99	0.015136	3.83	30.18	25.49	1.12
Rio Pentuma	420.9527	PF 1	77.44	29.50	30.31	30.52	31.12	0.028403	3.99	19.39	25.15	1.45
Rio Pentuma	420.9527	PF 2	89.02	29.50	30.38	30.62	31.27	0.027804	4.18	21.30	25.35	1.45
Rio Pentuma	420.9527	PF 3	100.27	29.50	30.45	30.72	31.41	0.027302	4.34	23.09	25.54	1.46
Rio Pentuma	420.9527	PF 4	115.63	29.50	30.54	30.84	31.60	0.027014	4.56	25.34	25.77	1.47
Rio Pentuma	392.5098	PF 1	77.44	29.00	30.06	30.06	30.57	0.012697	3.17	24.43	24.12	1.01
Rio Pentuma	392.5098	PF 2	89.02	29.00	30.16	30.16	30.72	0.012383	3.31	26.88	24.32	1.01
Rio Pentuma	392.5098	PF 3	100.27	29.00	30.25	30.25	30.86	0.012124	3.44	29.17	24.51	1.01
Rio Pentuma	392.5098	PF 4	115.63	29.00	30.35	30.38	31.04	0.012691	3.67	31.48	24.70	1.04
Rio Pentuma	63.61061	PF 1	77.44	23.50	26.00	24.41	26.04	0.000360	0.95	86.45	48.87	0.20
Rio Pentuma	63.61061	PF 2	89.02	23.50	26.20	24.49	26.25	0.000353	1.00	96.67	53.35	0.20
Rio Pentuma	63.61061	PF 3	100.27	23.50	26.40	24.57	26.45	0.000338	1.02	107.79	57.83	0.20
Rio Pentuma	63.61061	PF 4	115.63	23.50	26.60	24.68	26.66	0.000344	1.08	119.83	63.07	0.20