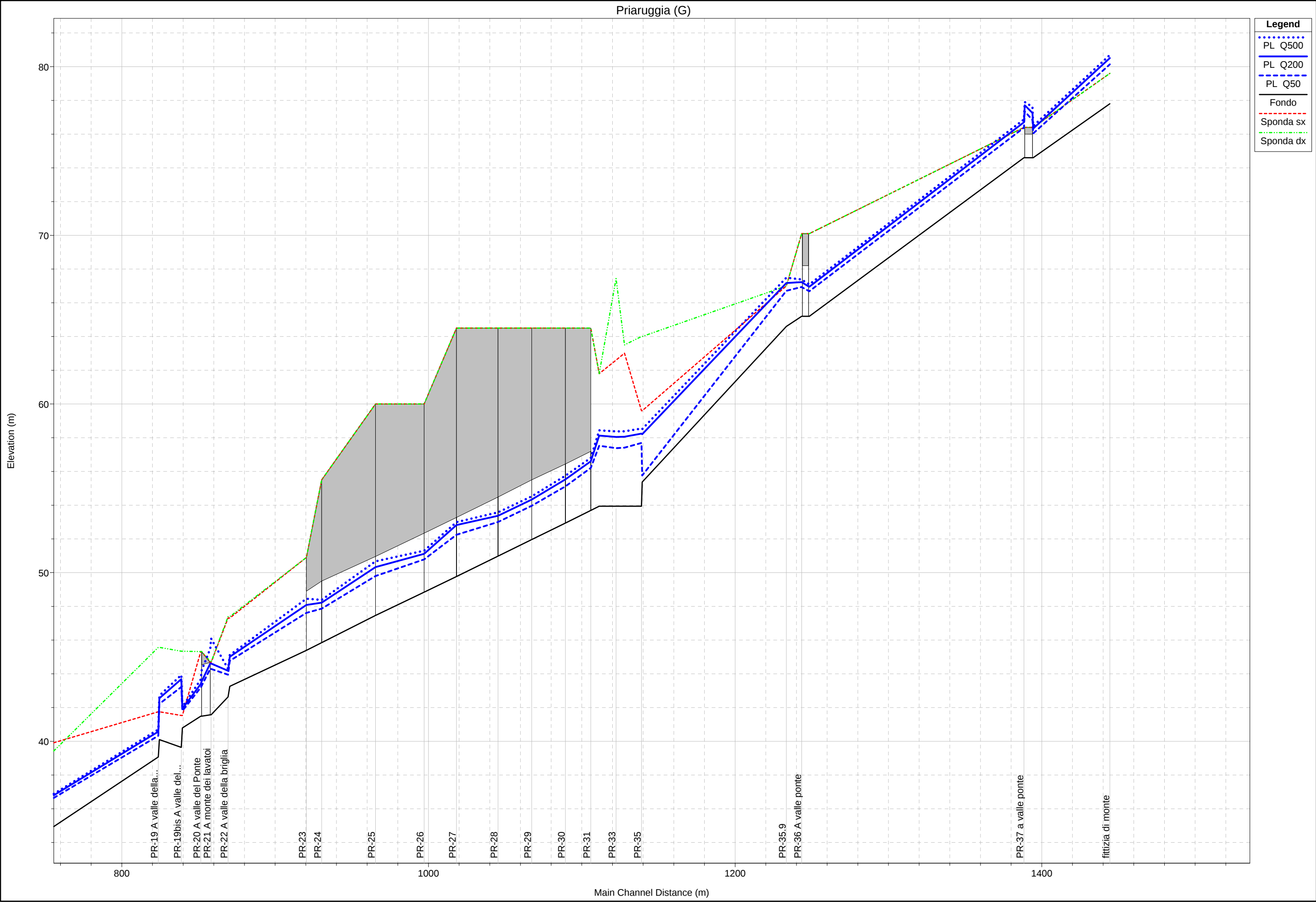
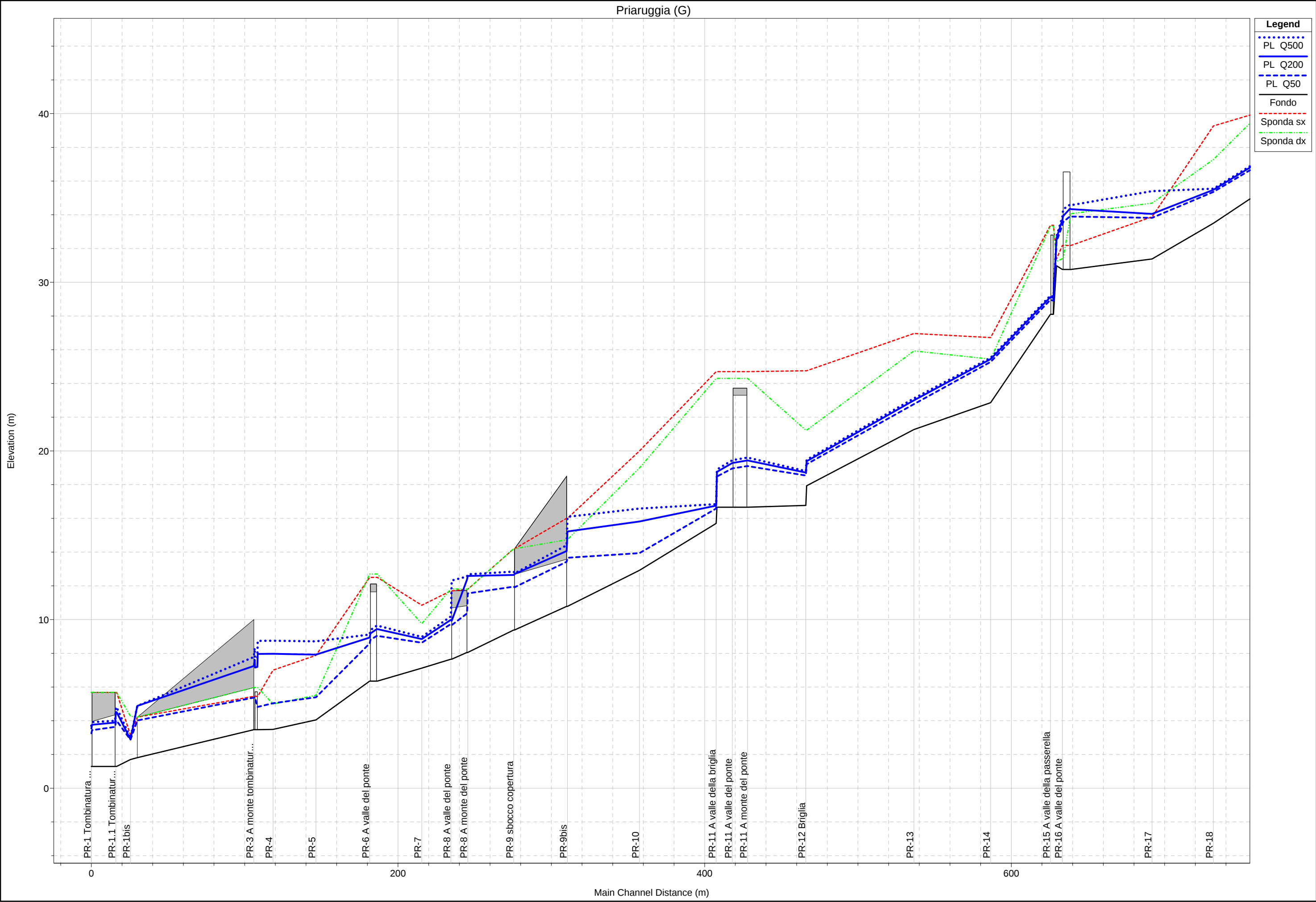


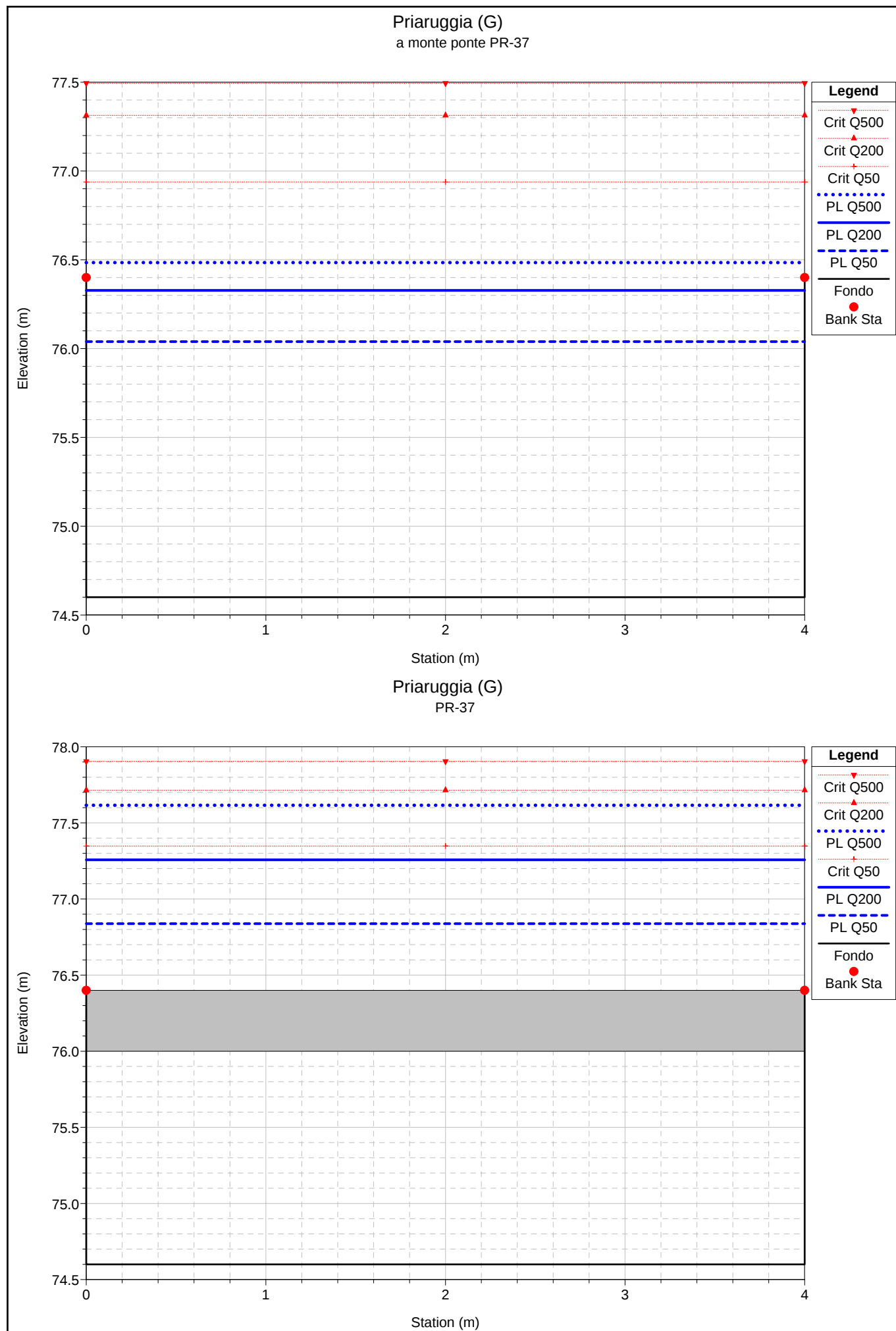
Rio Priaruggia

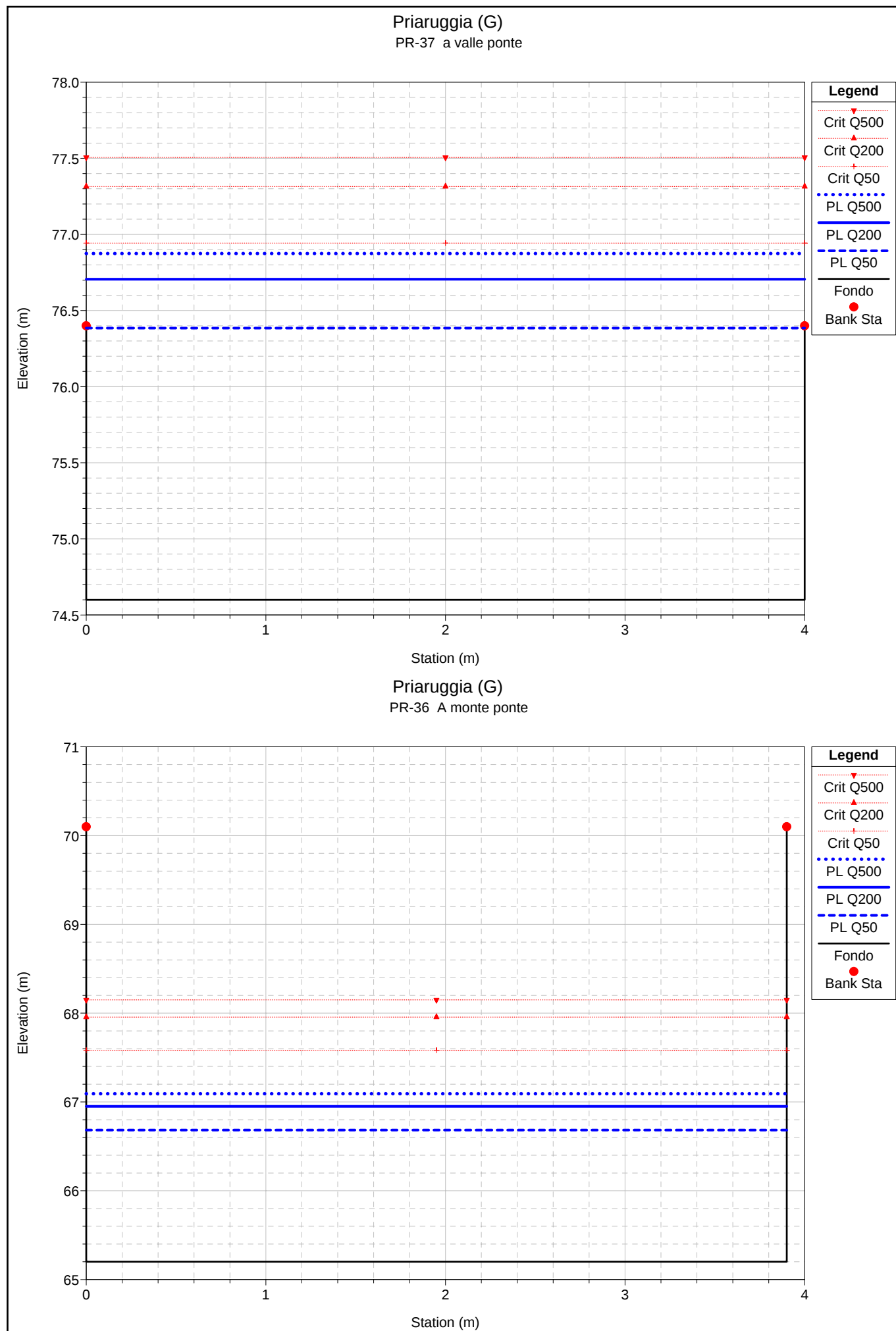
dalla sezione PR37 alla PR1

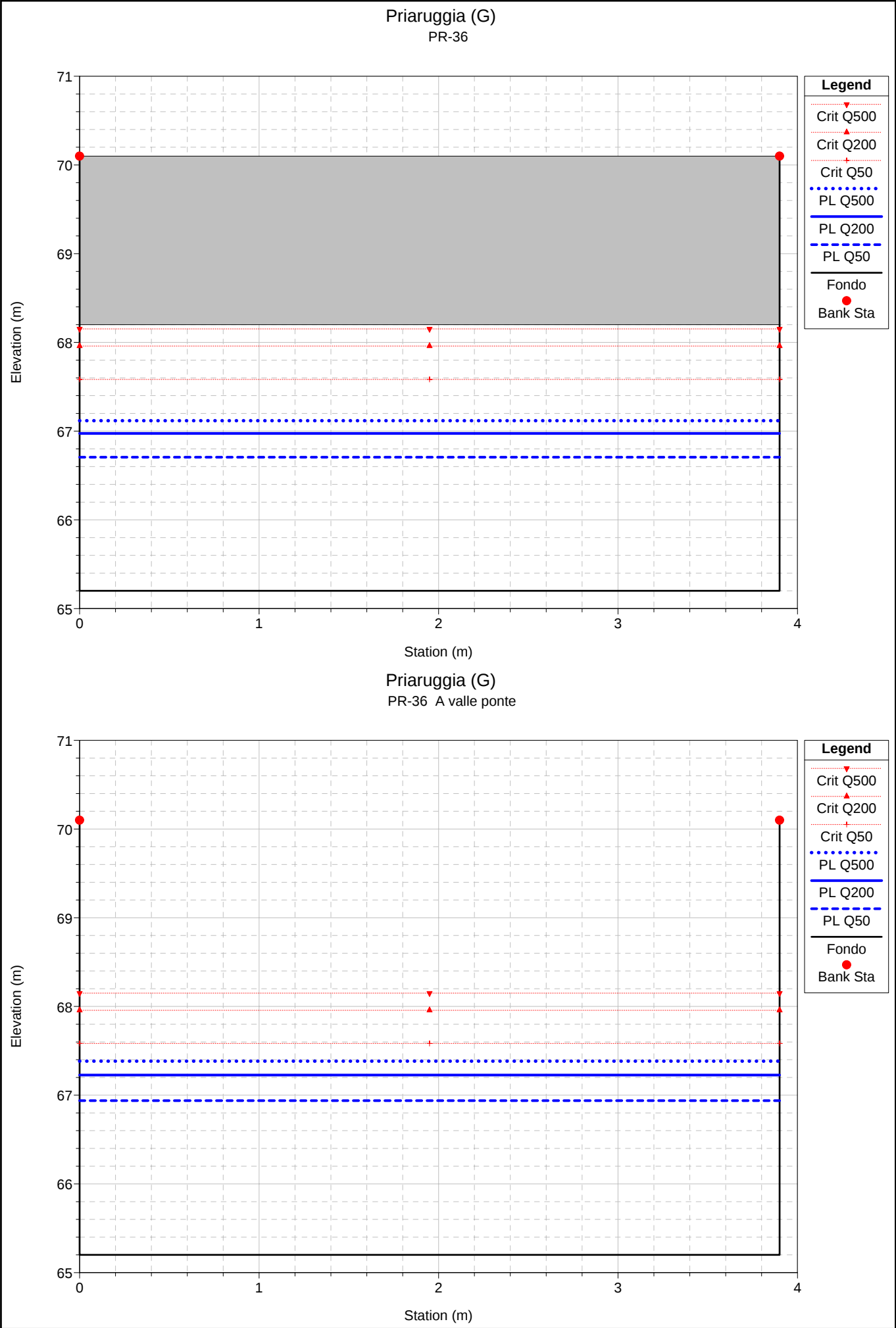
- Profili di corrente
- Sezioni idrauliche
- Tabelle dei risultati

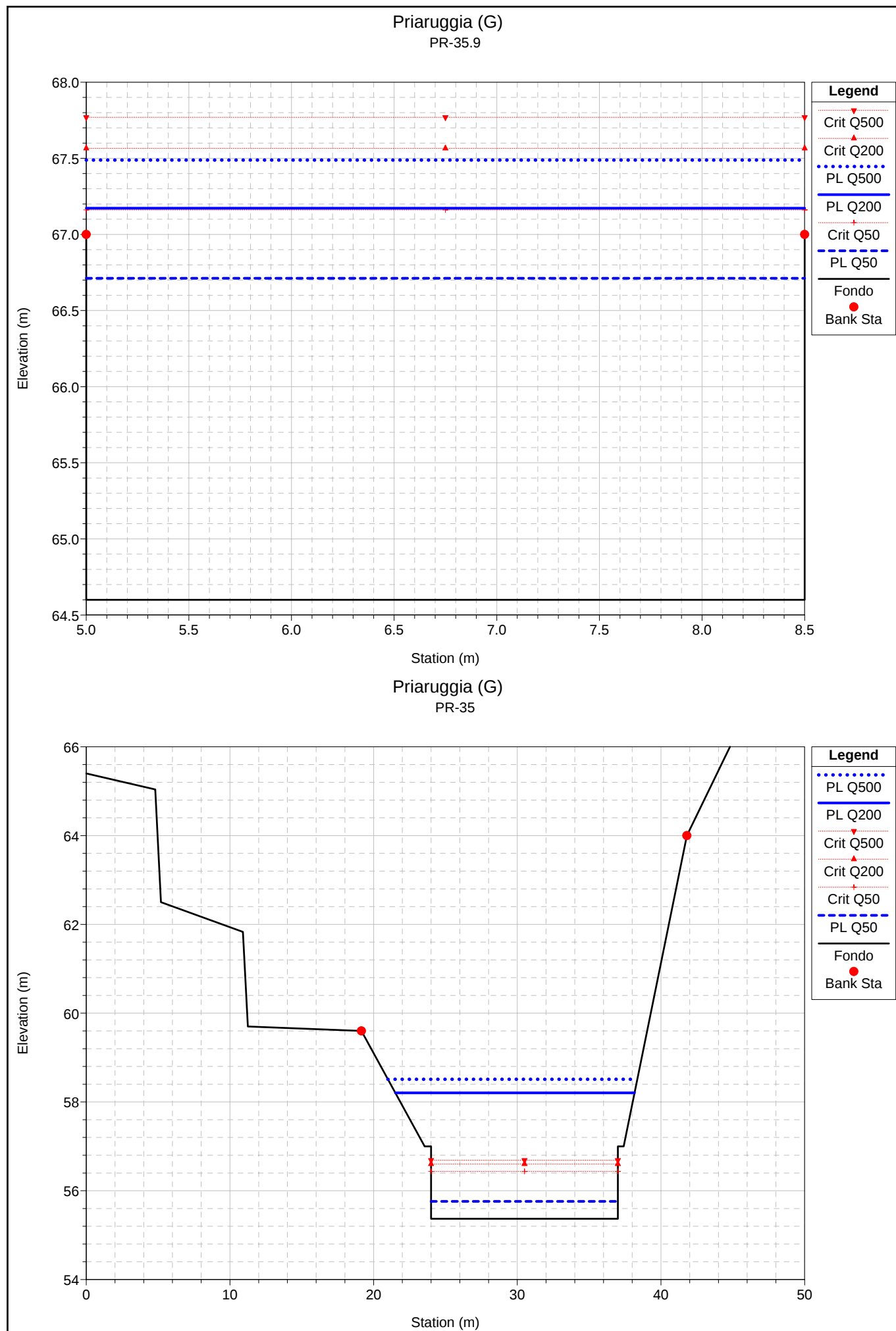


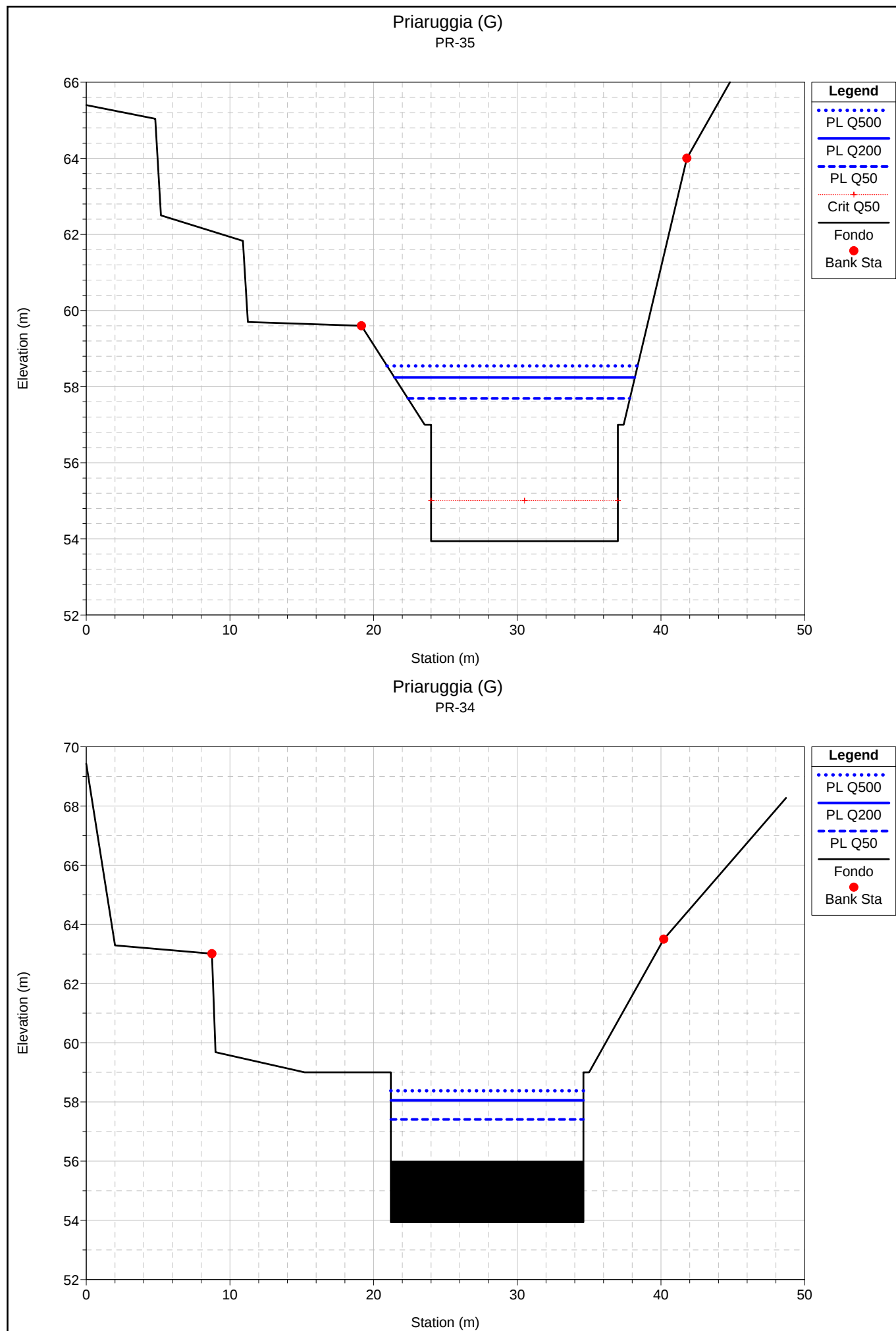


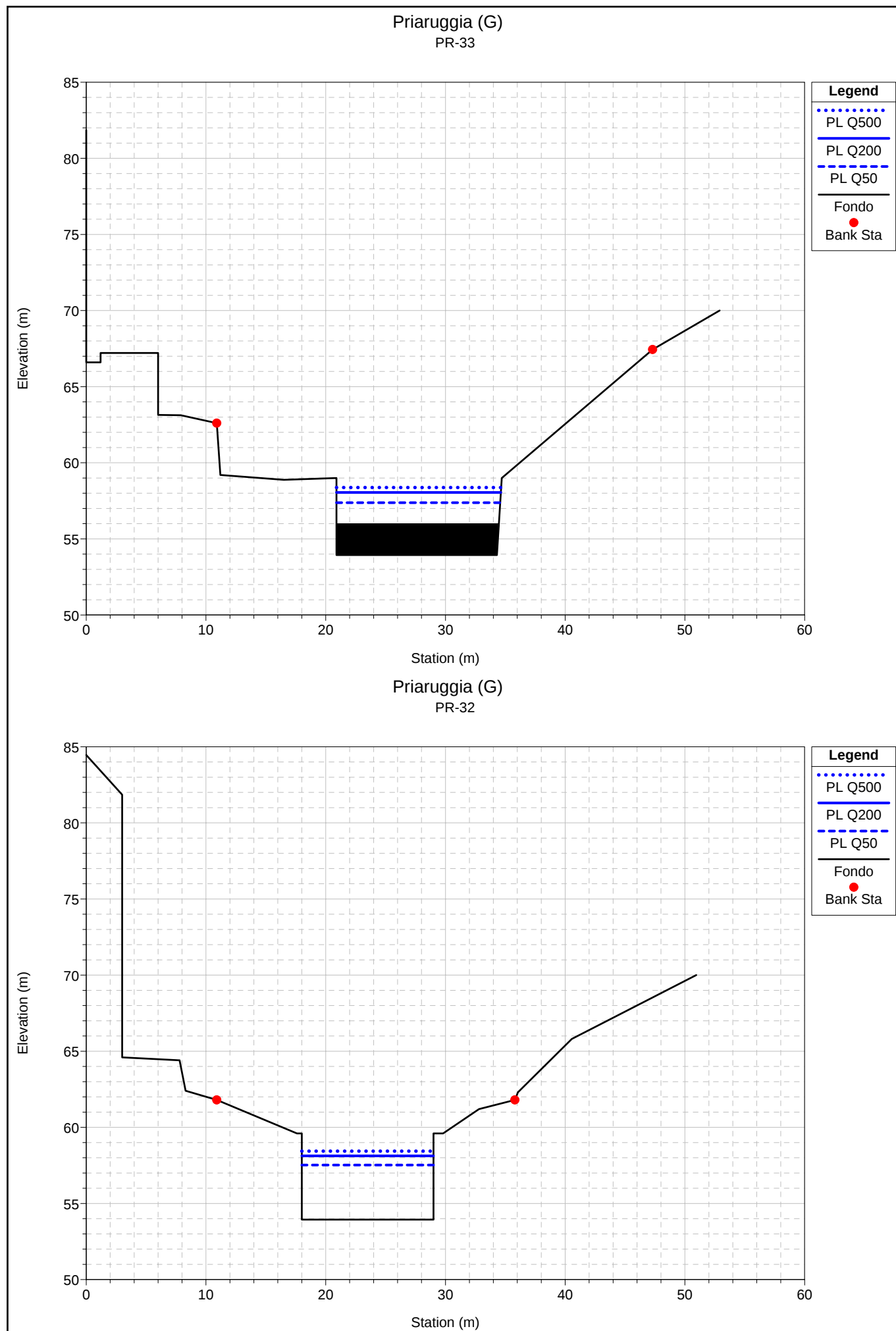


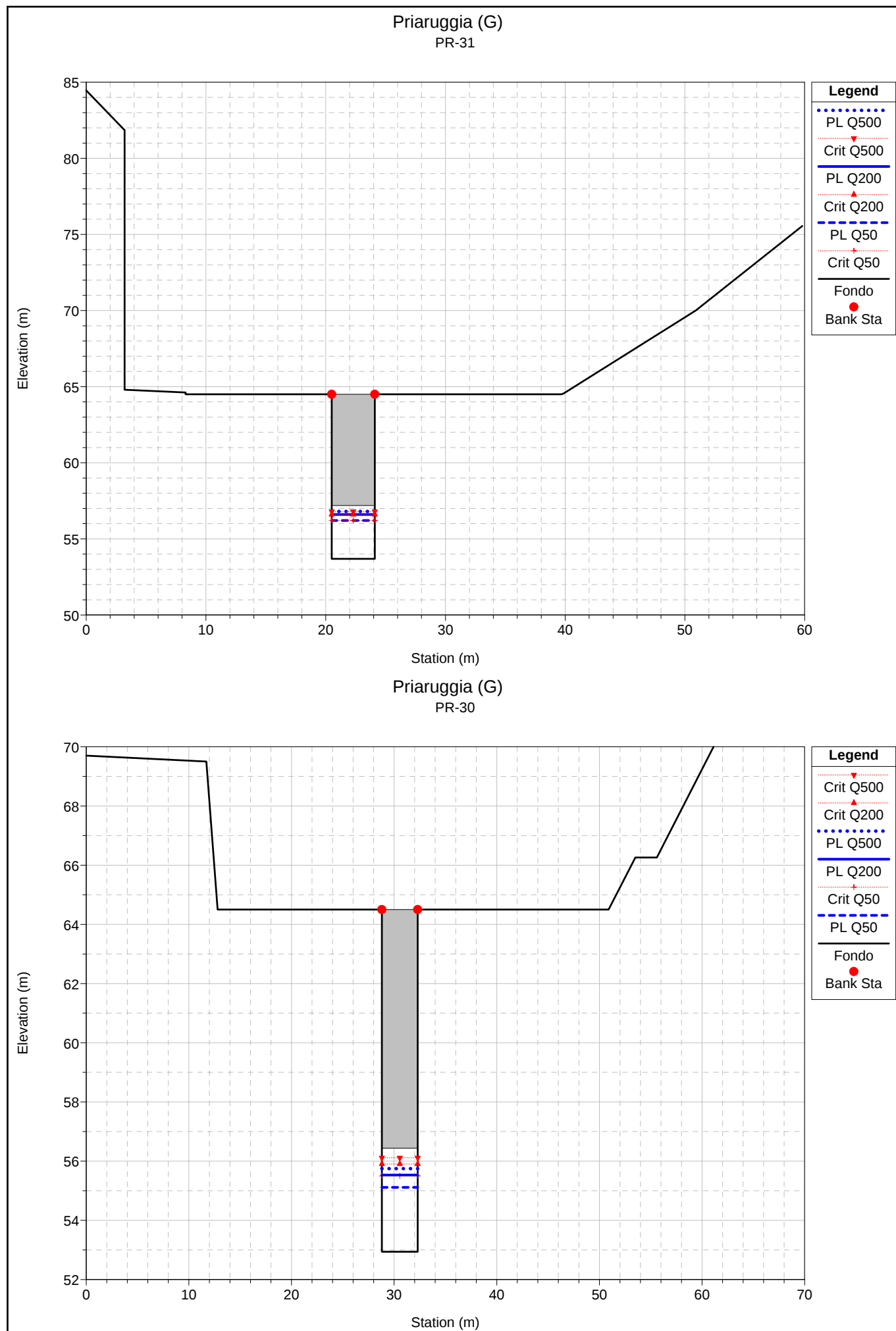


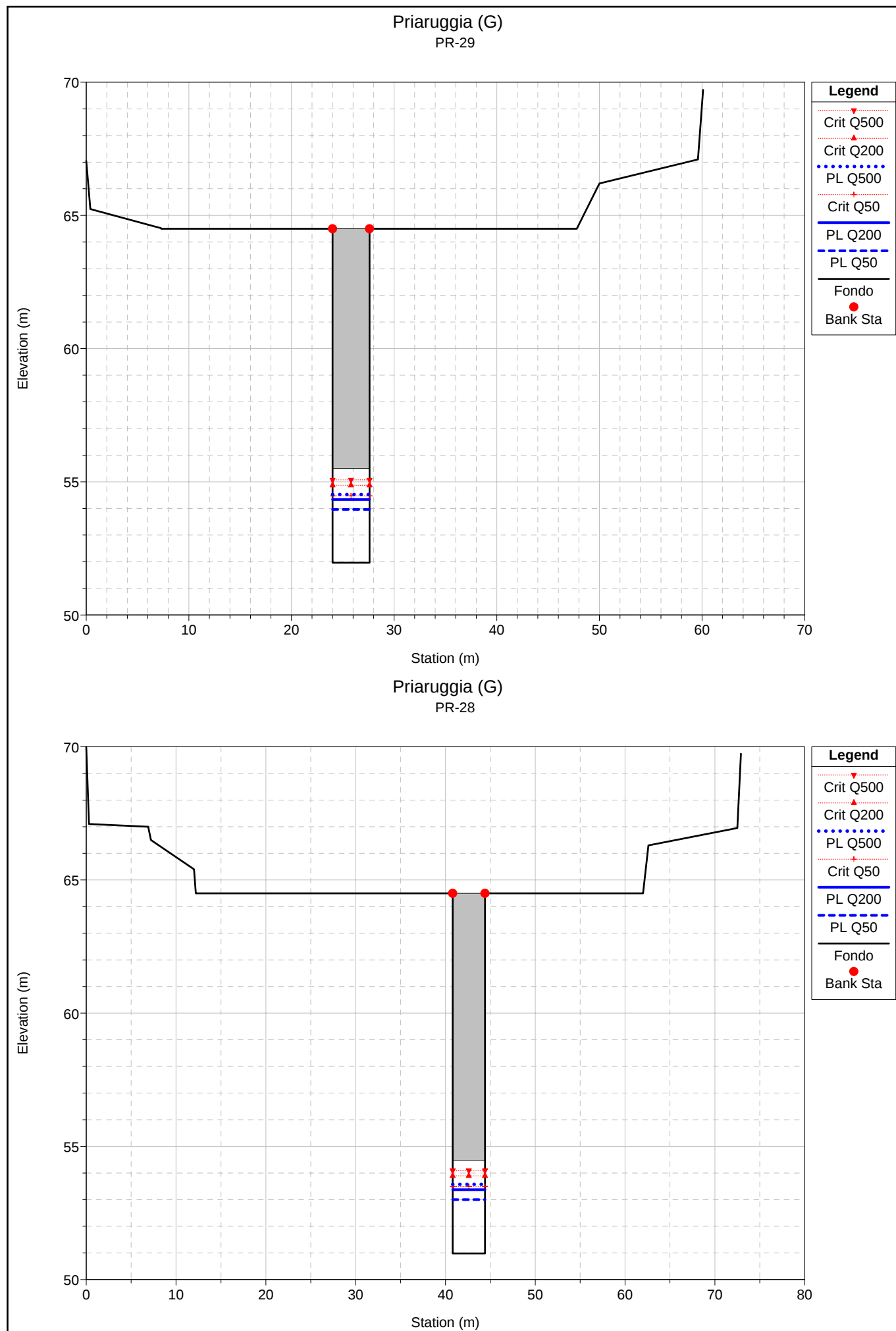


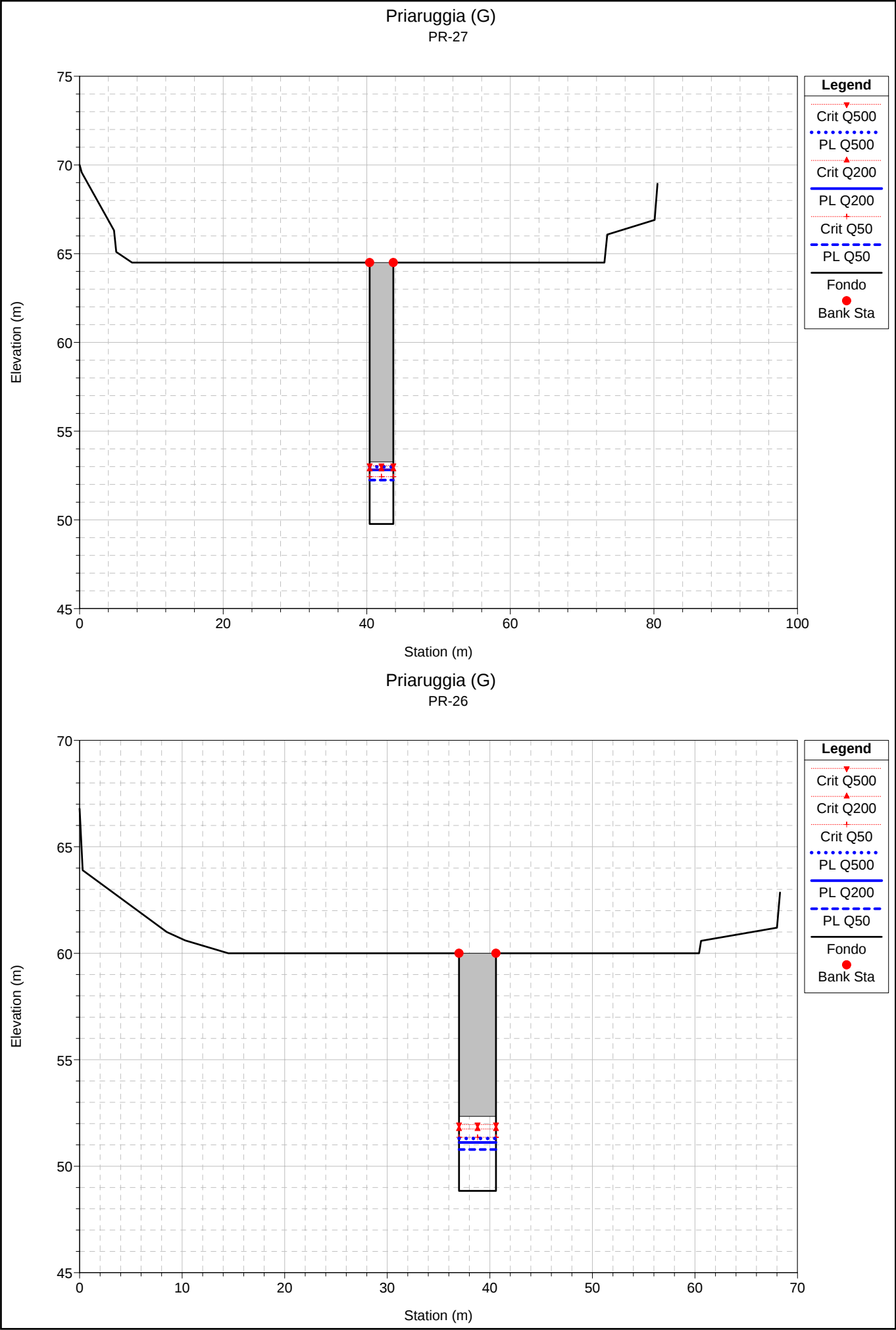


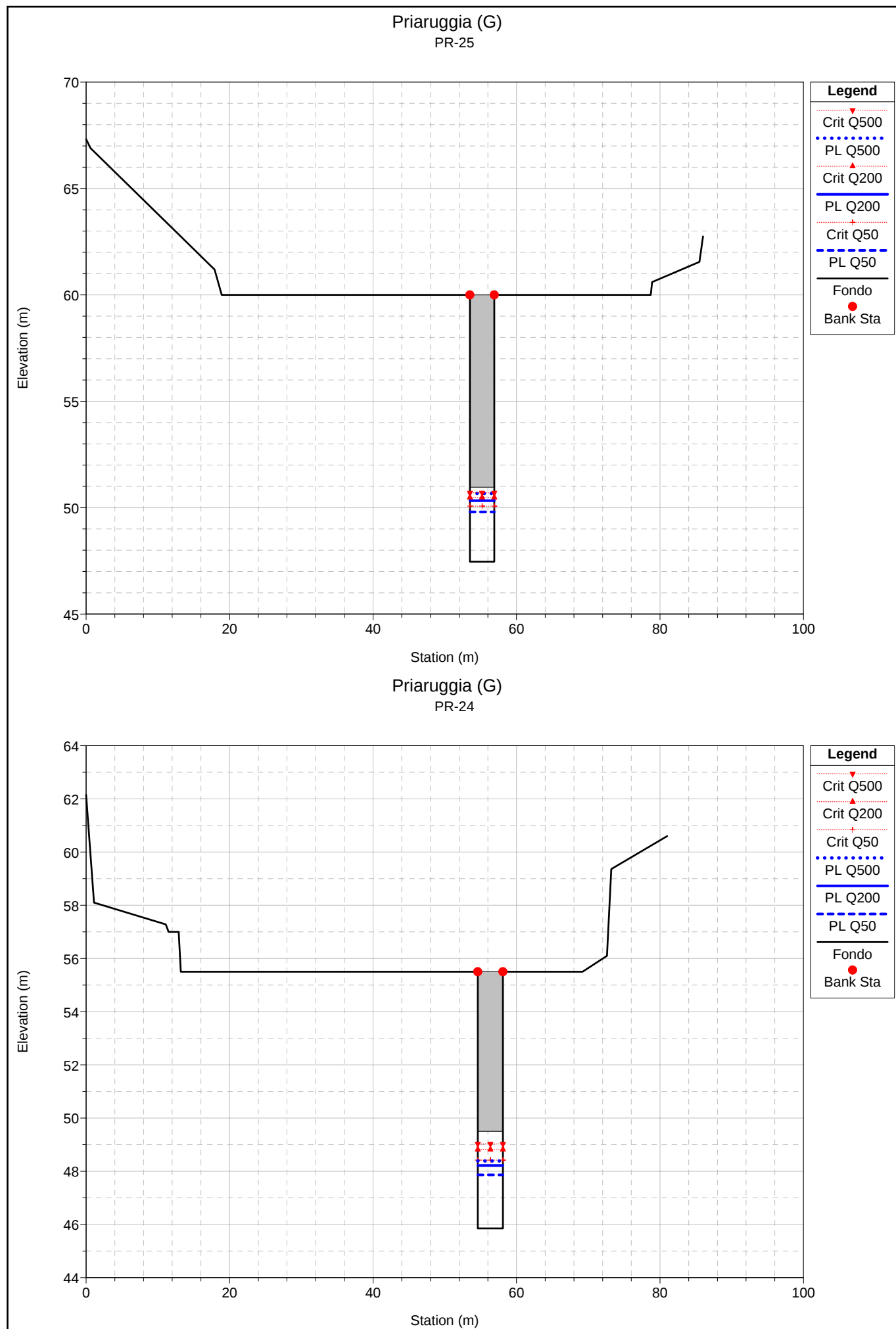


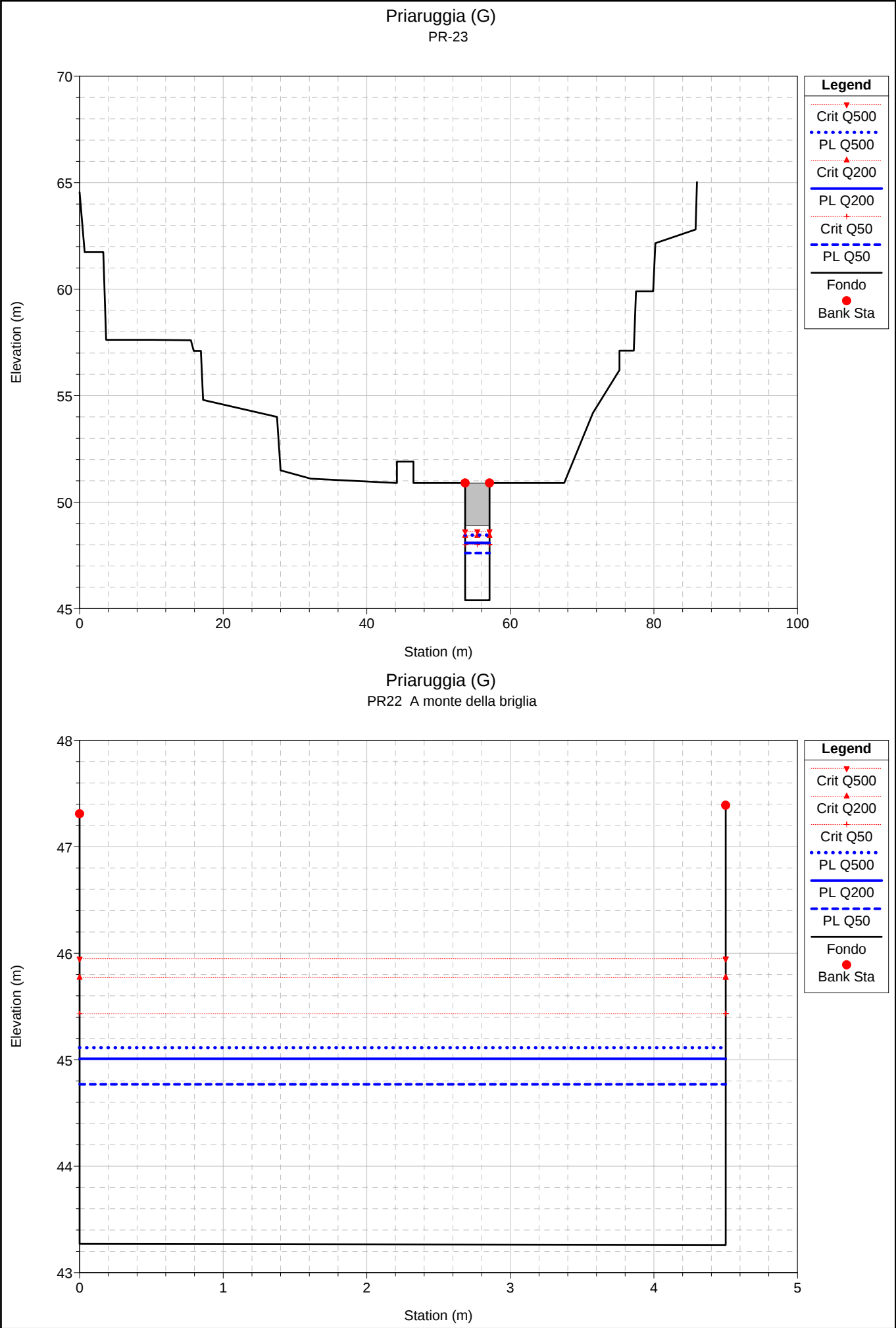


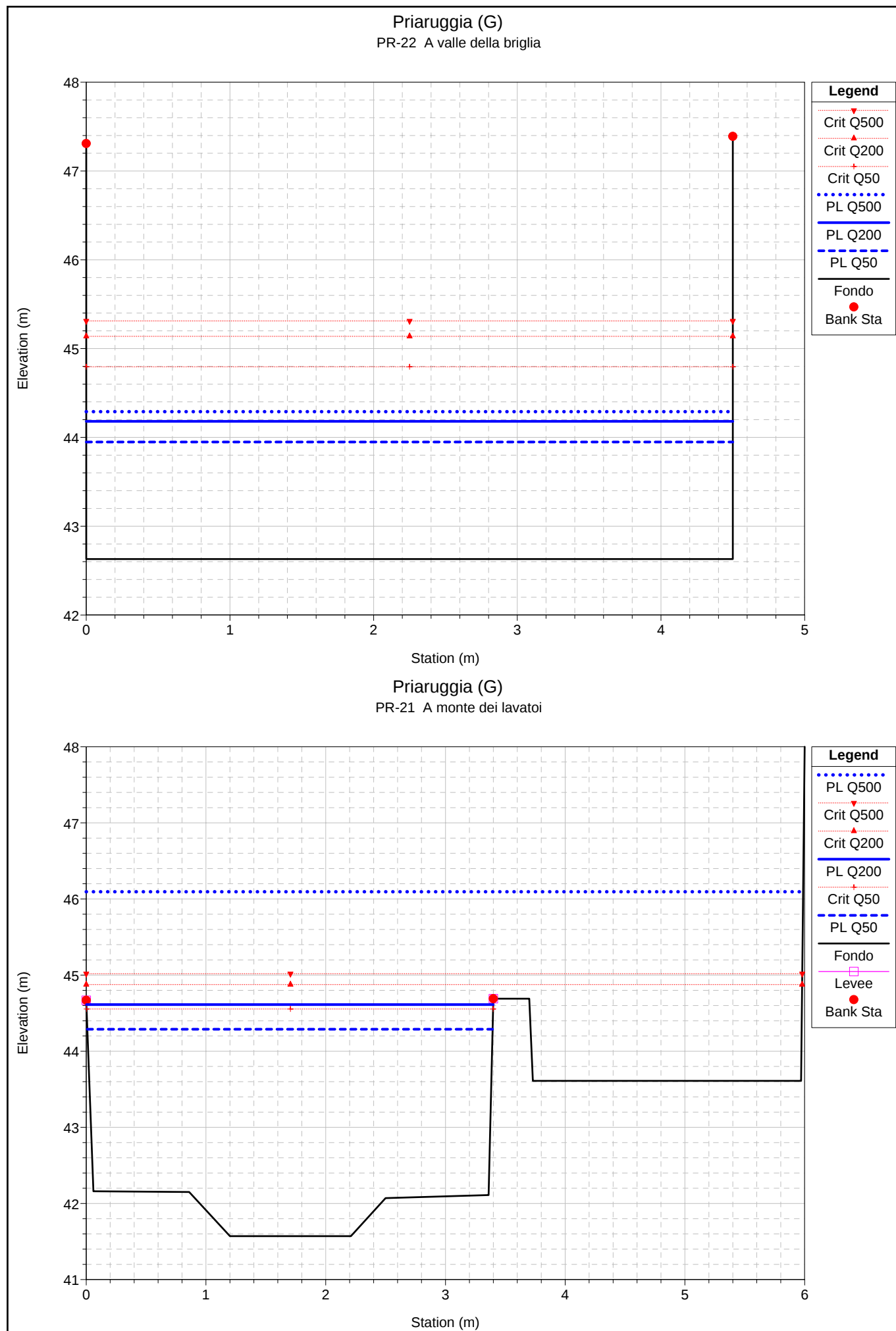


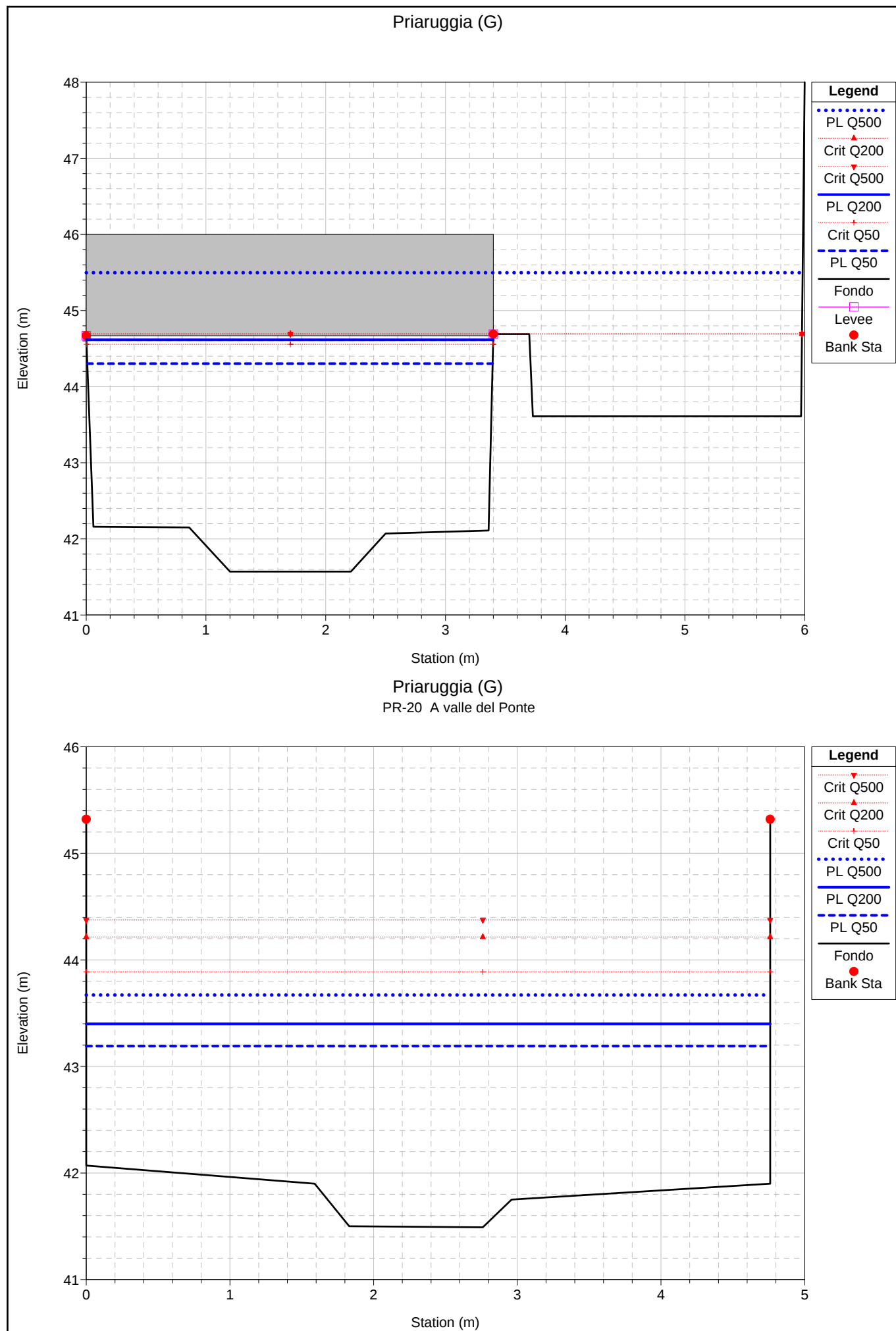


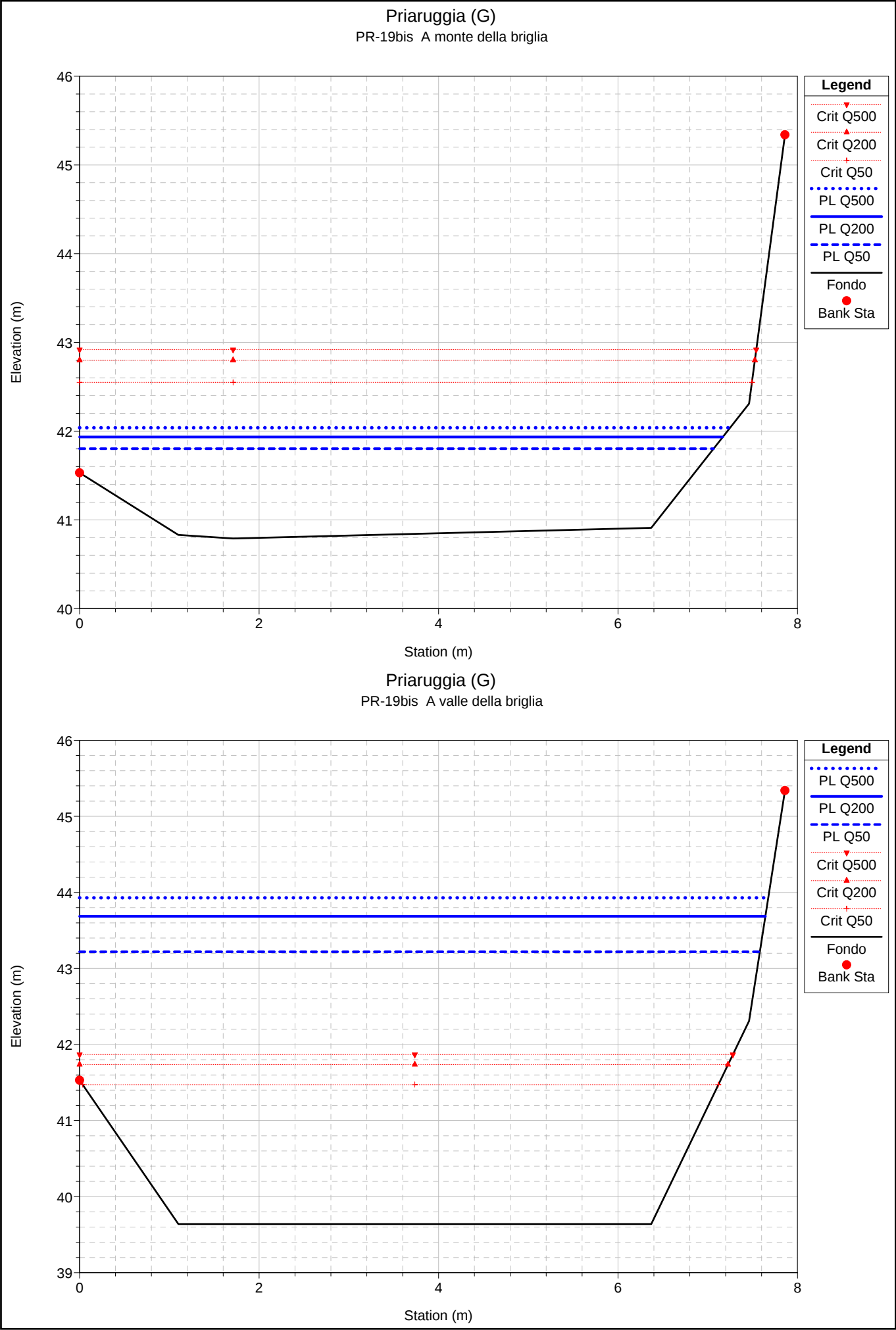


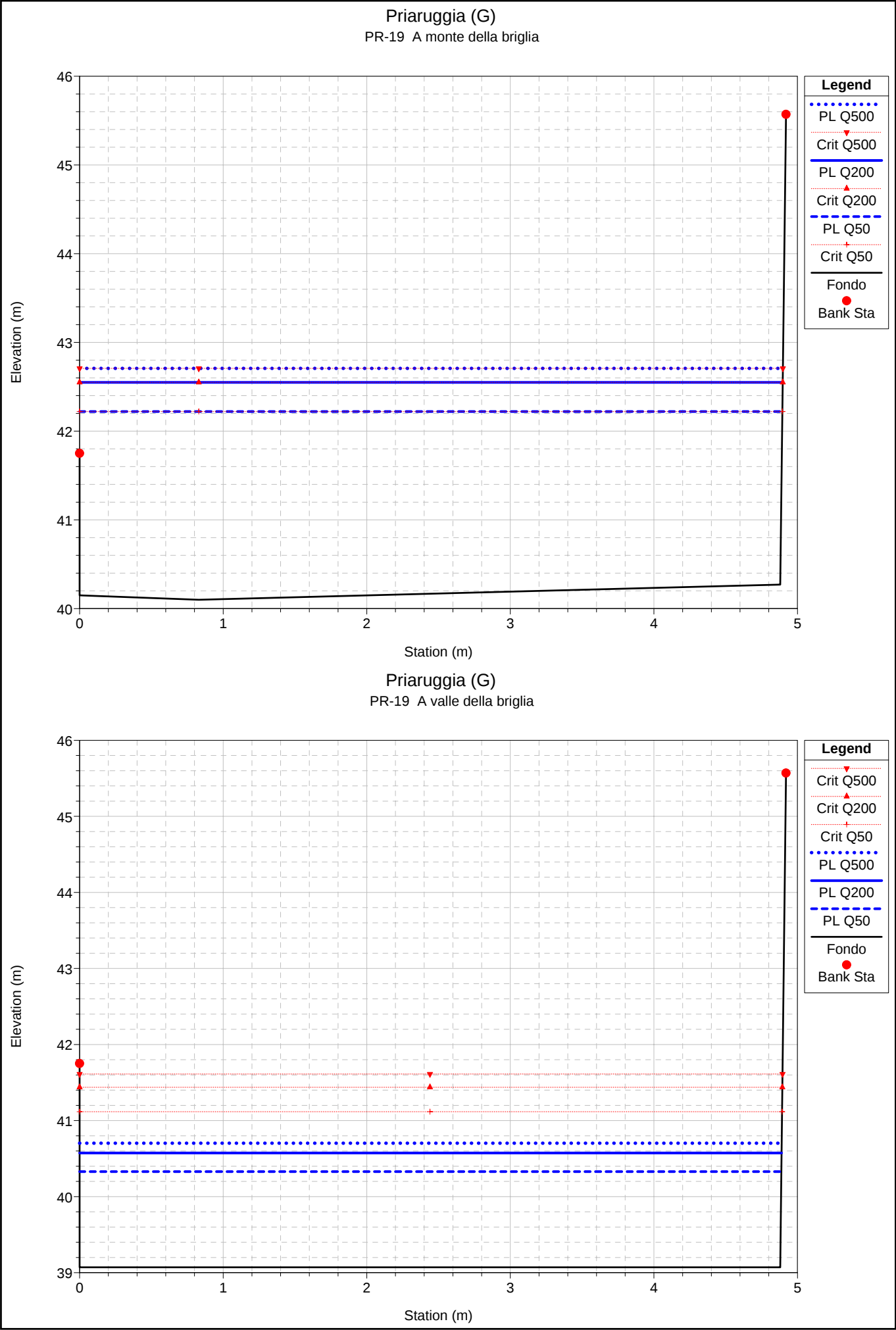


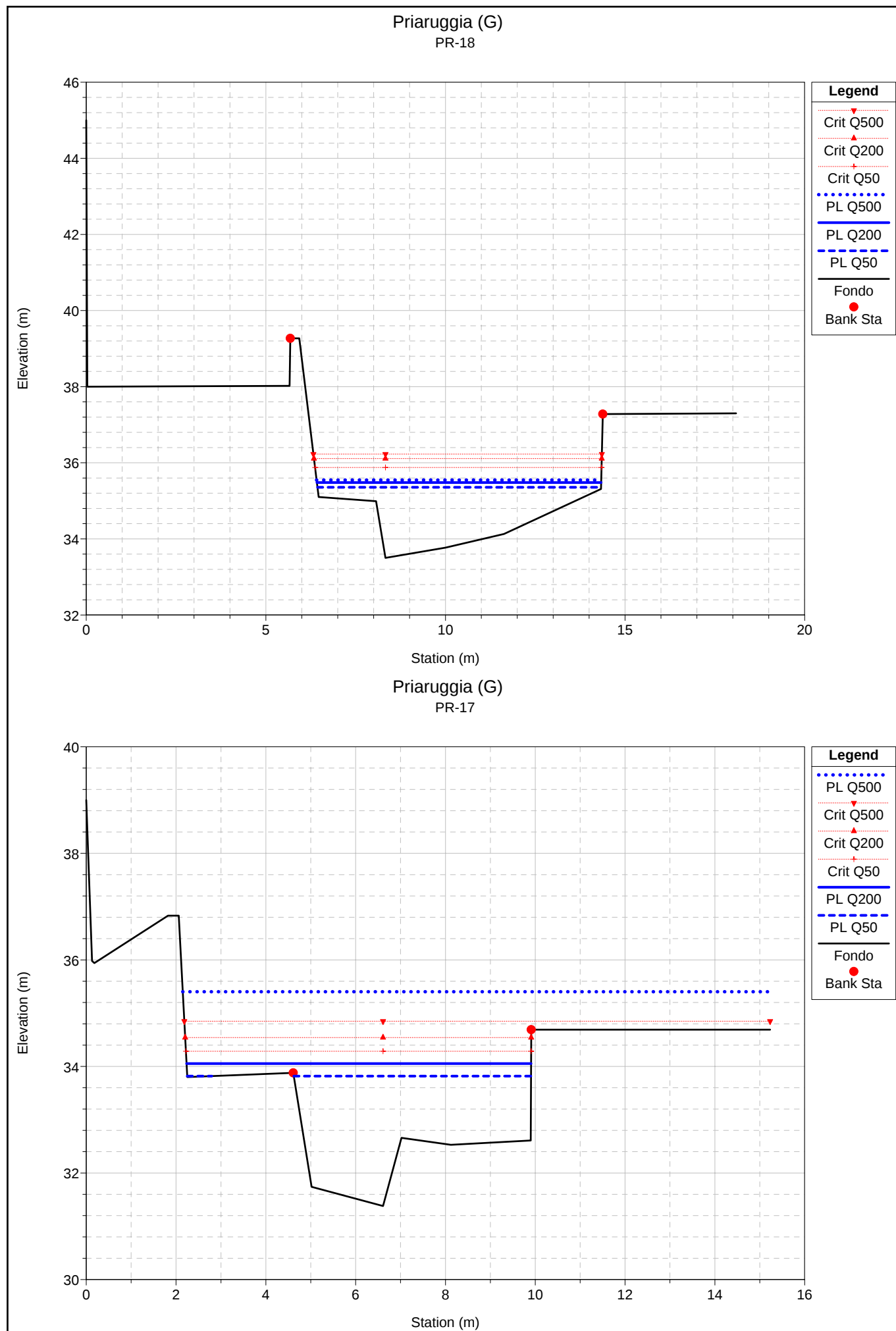


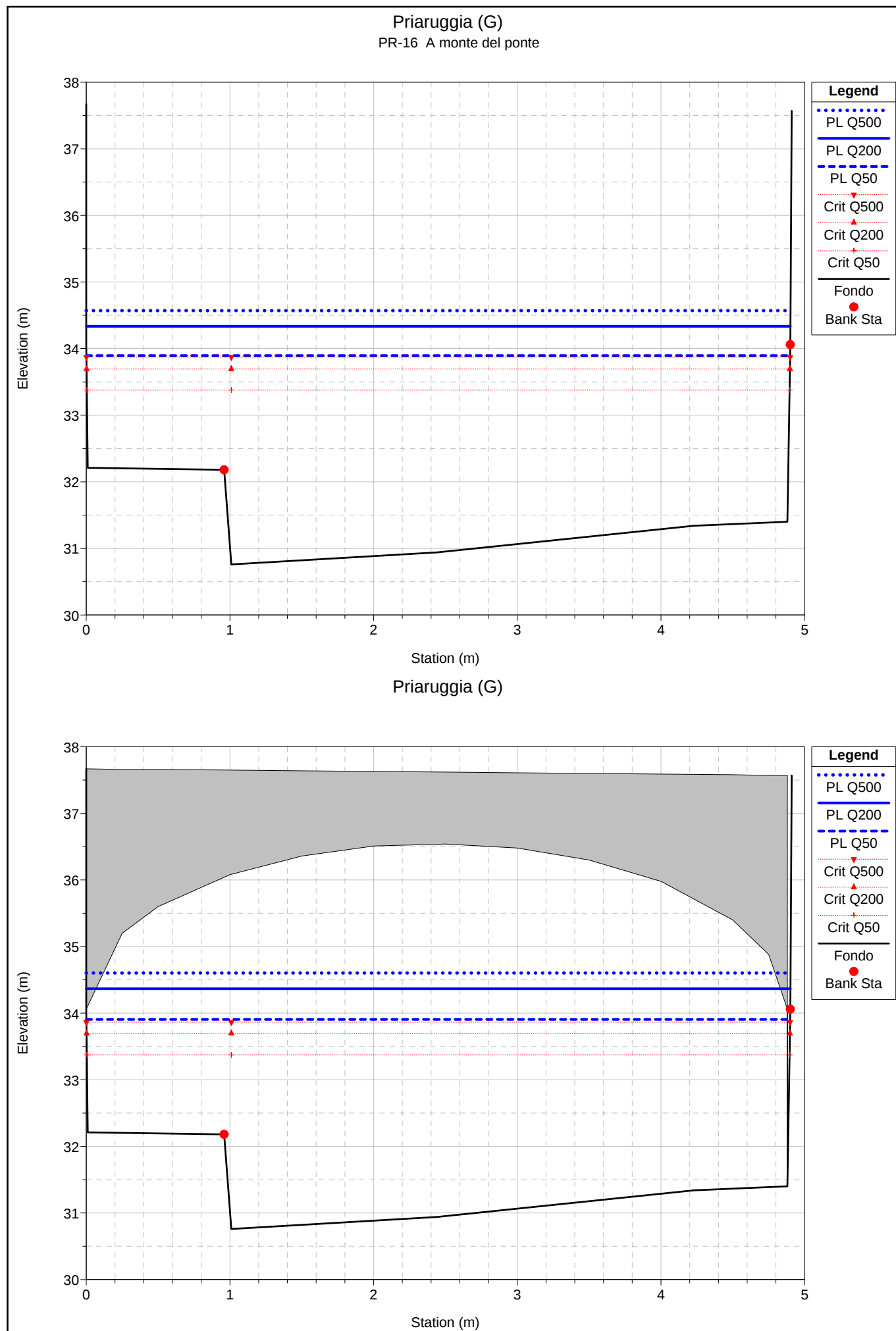


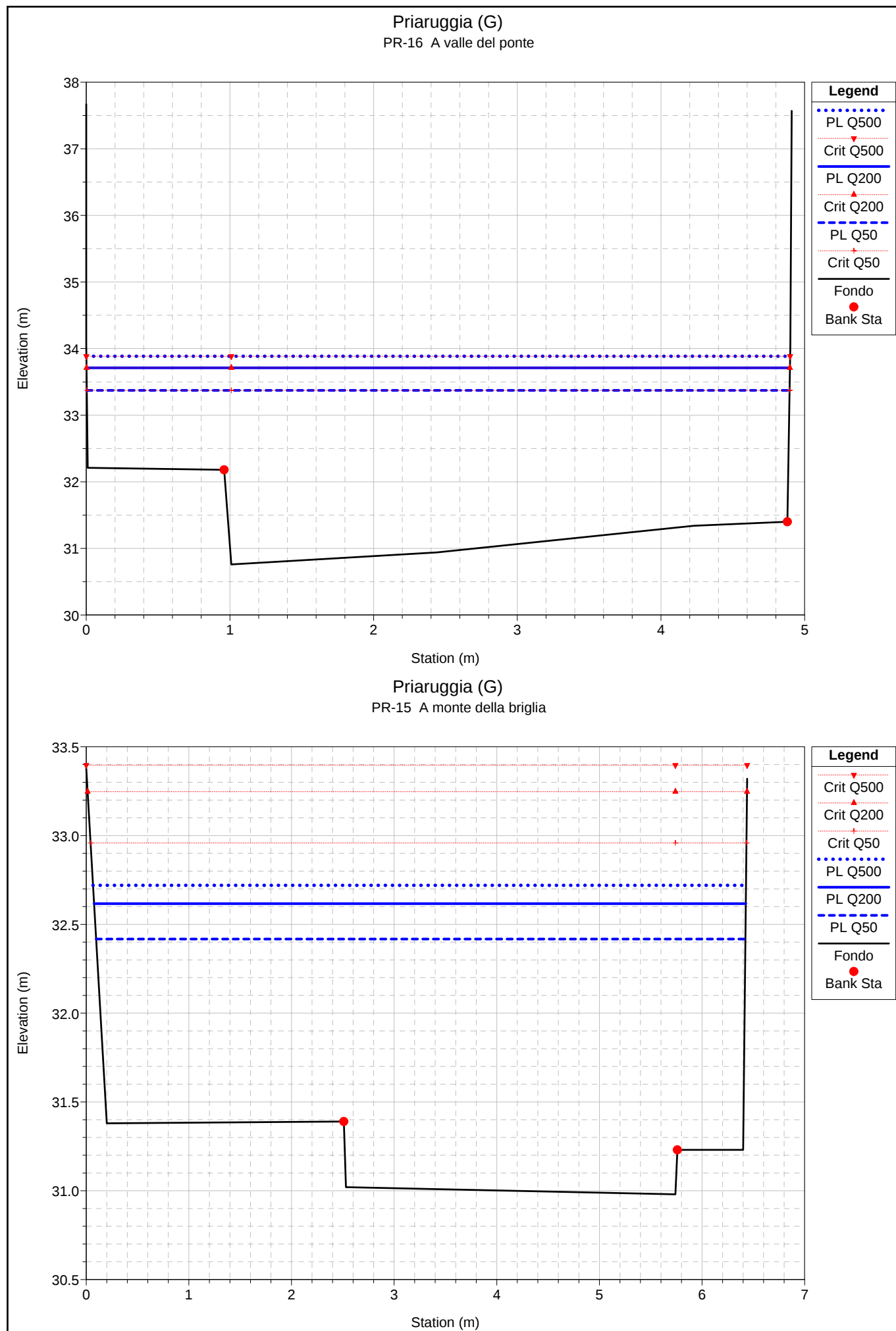




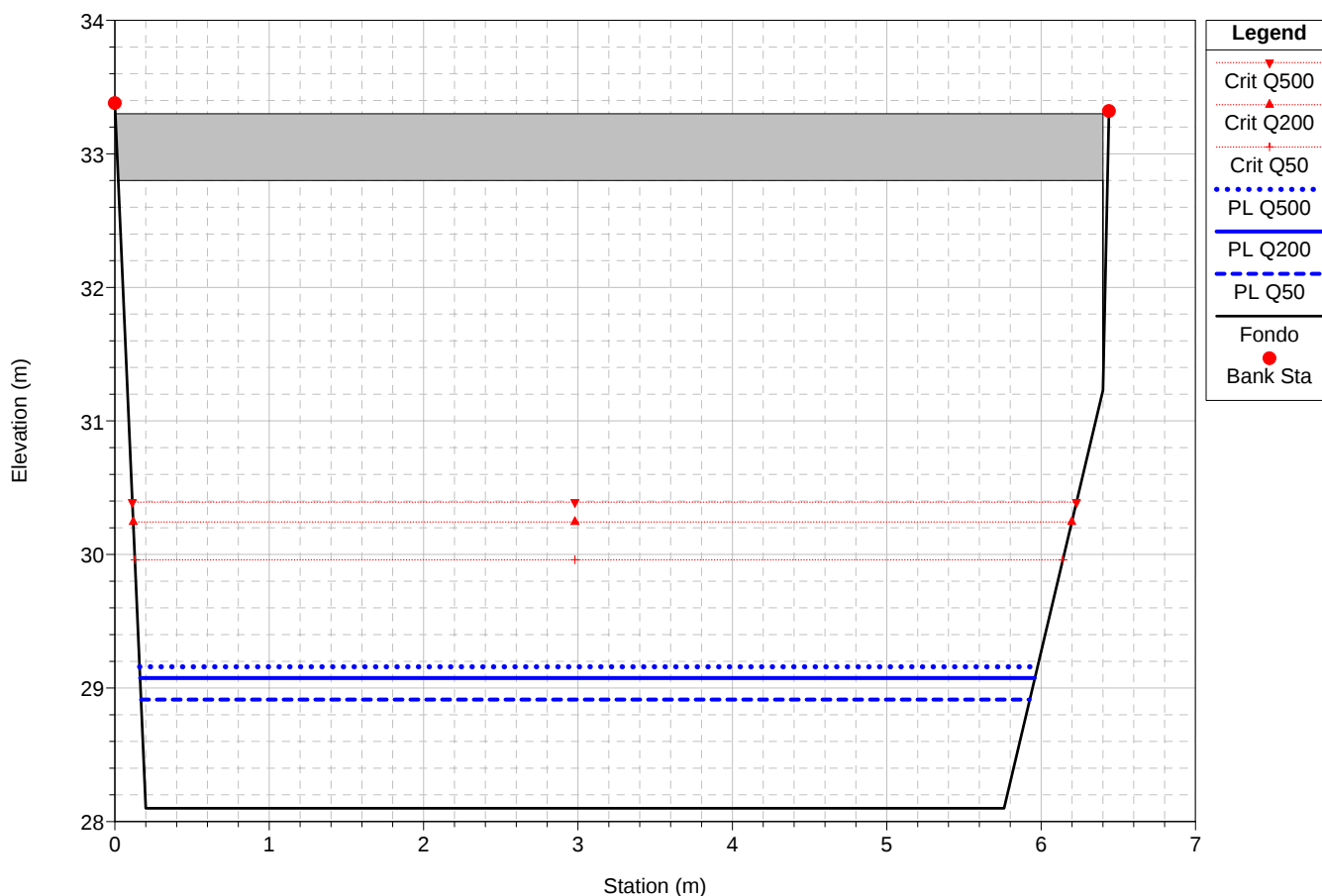
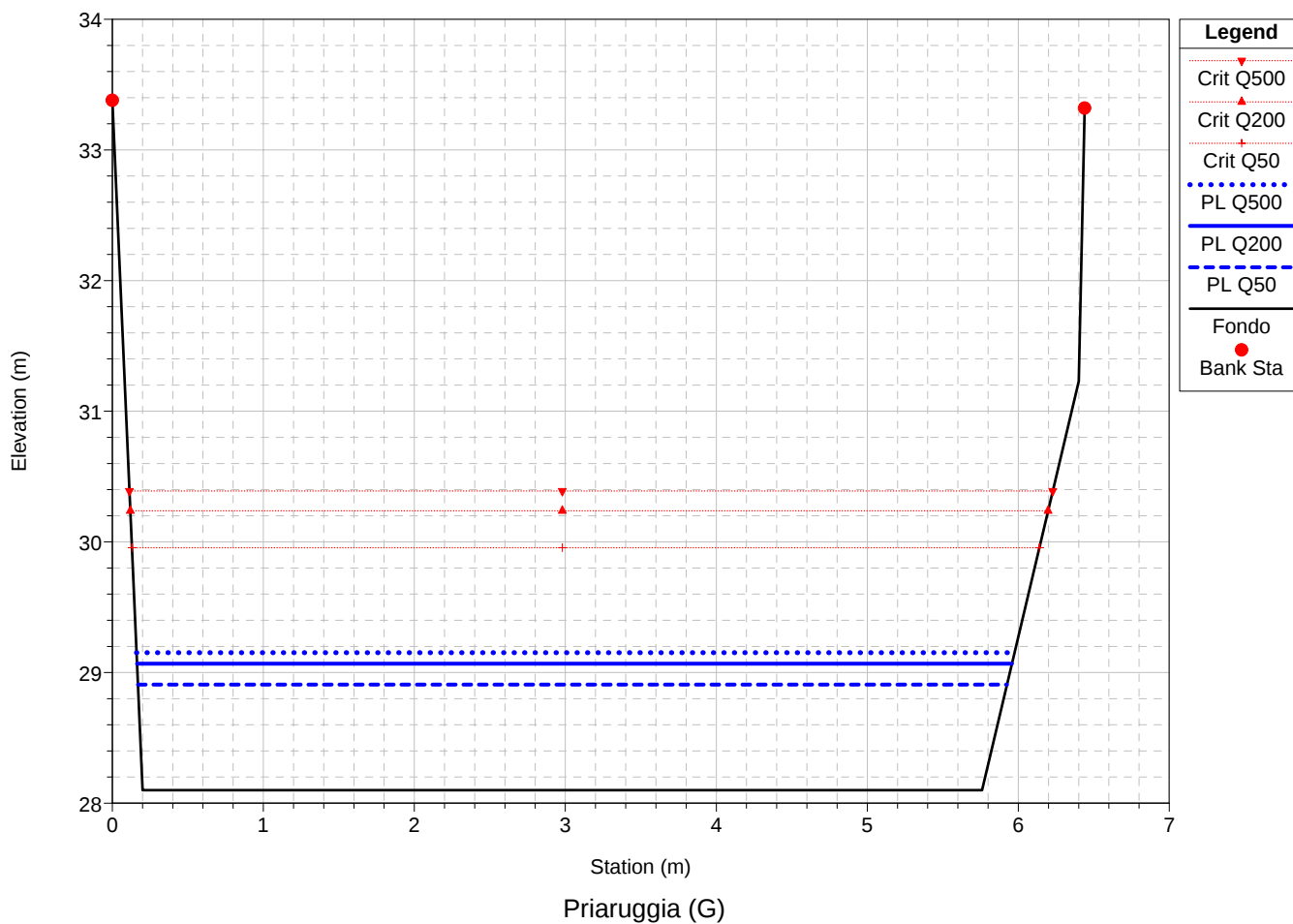


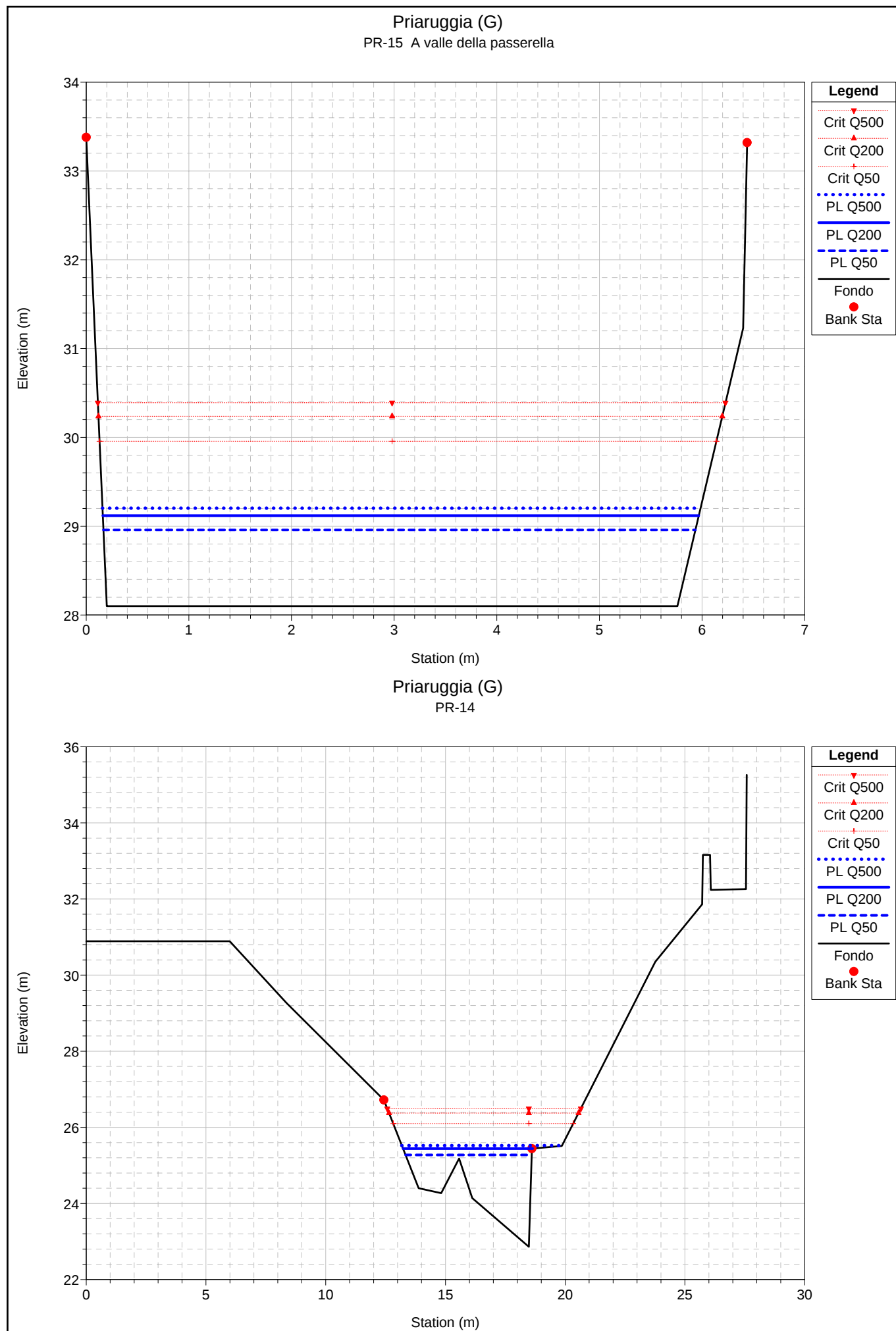


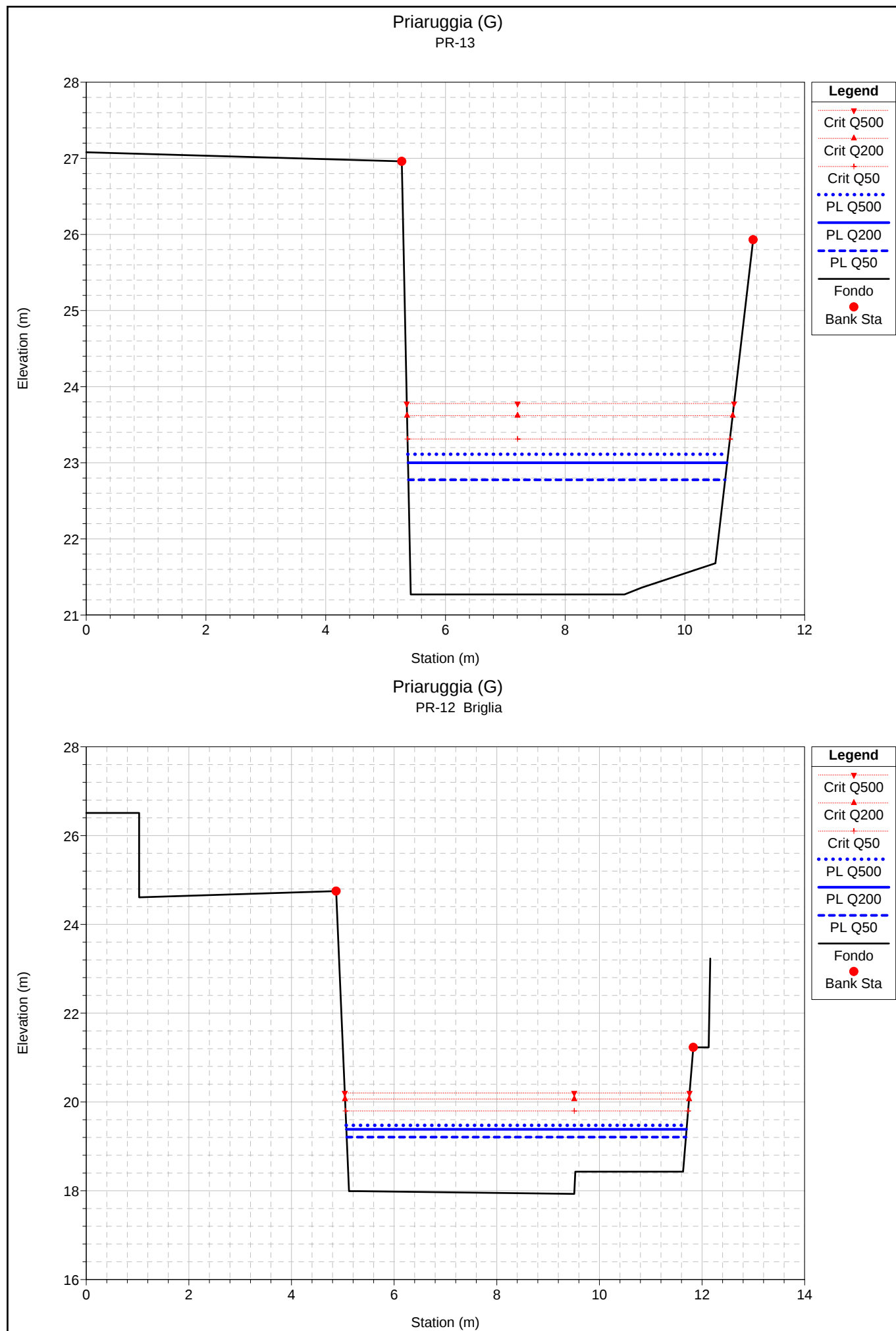


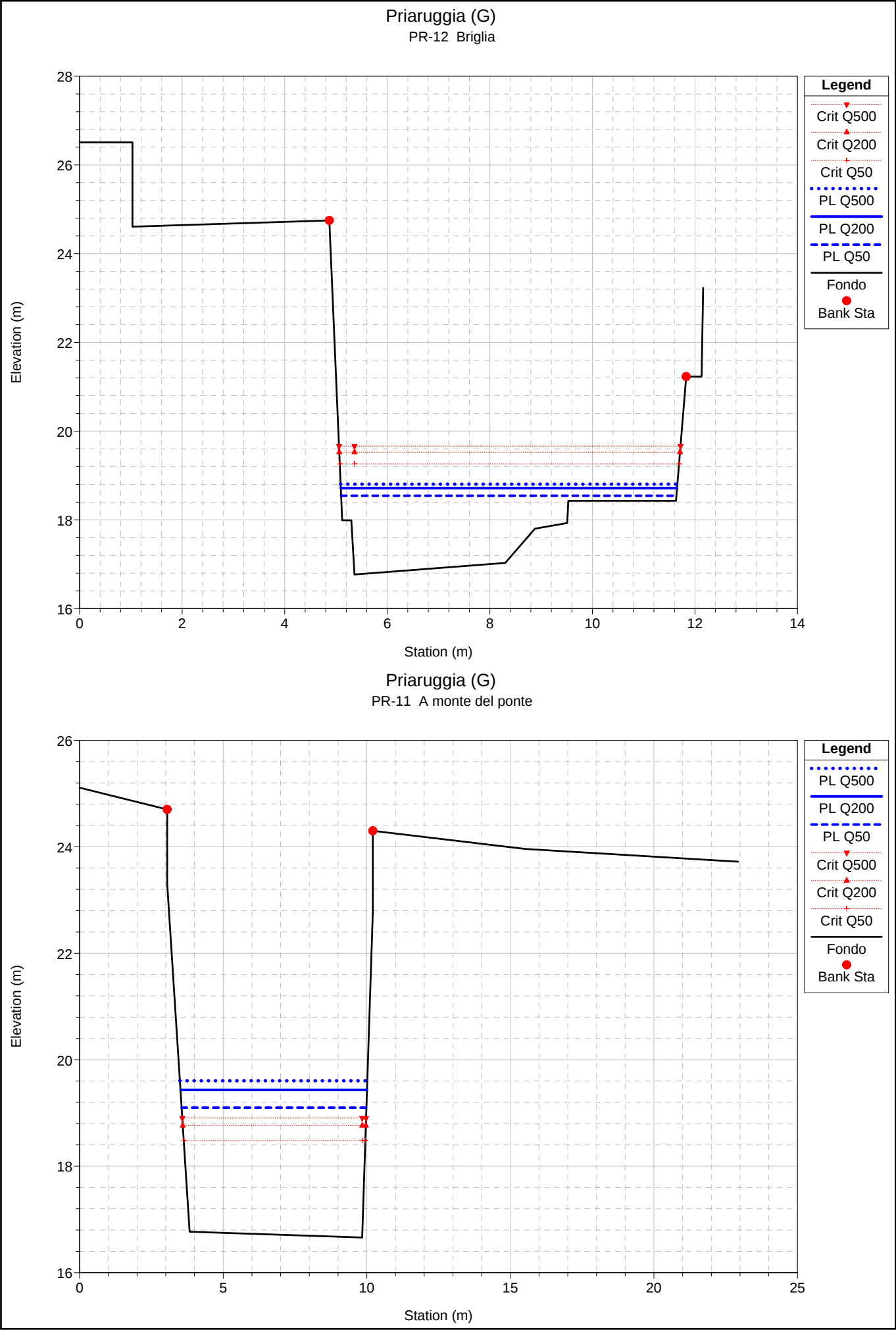


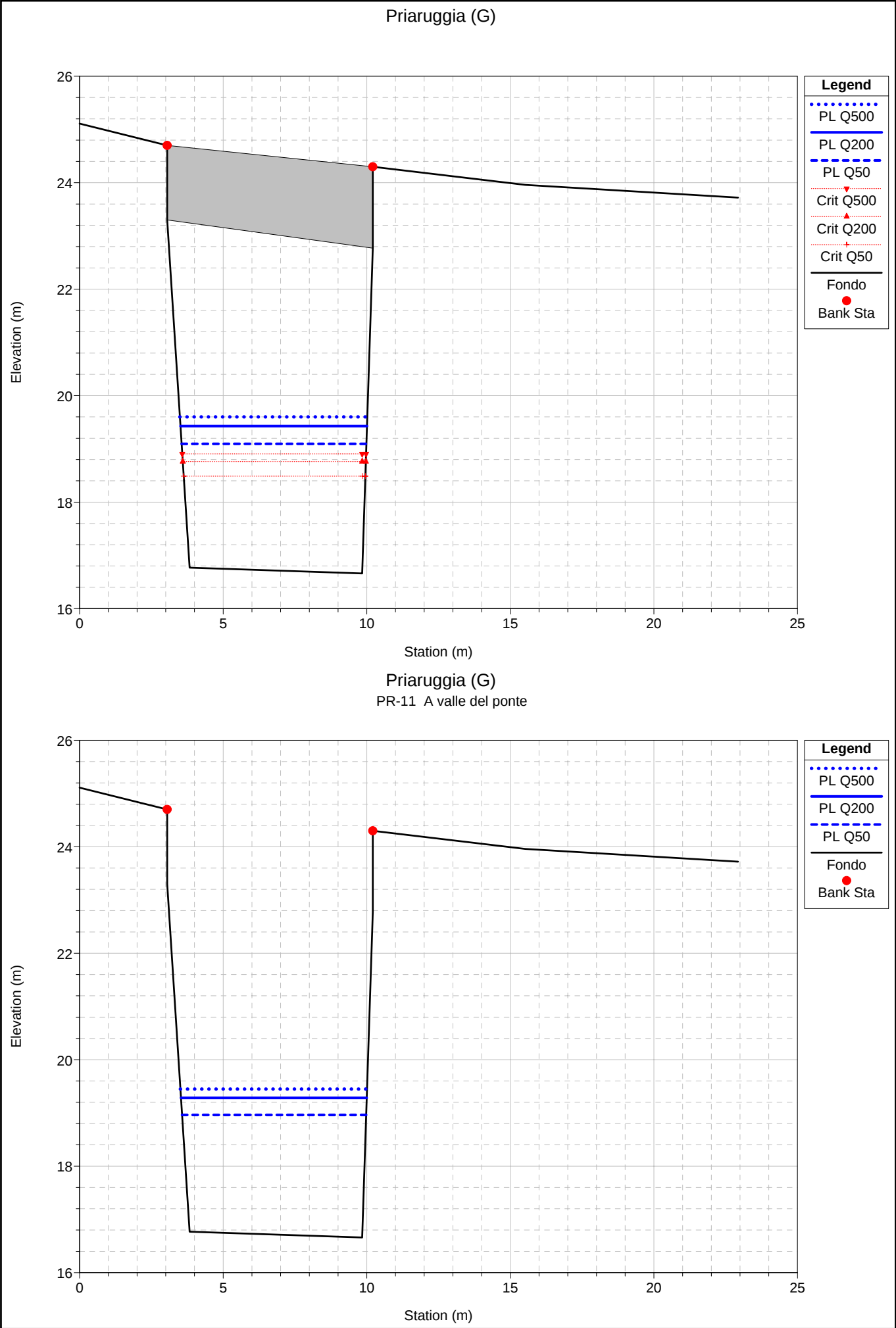
Priaruggia (G)
PR-15 A valle della briglia

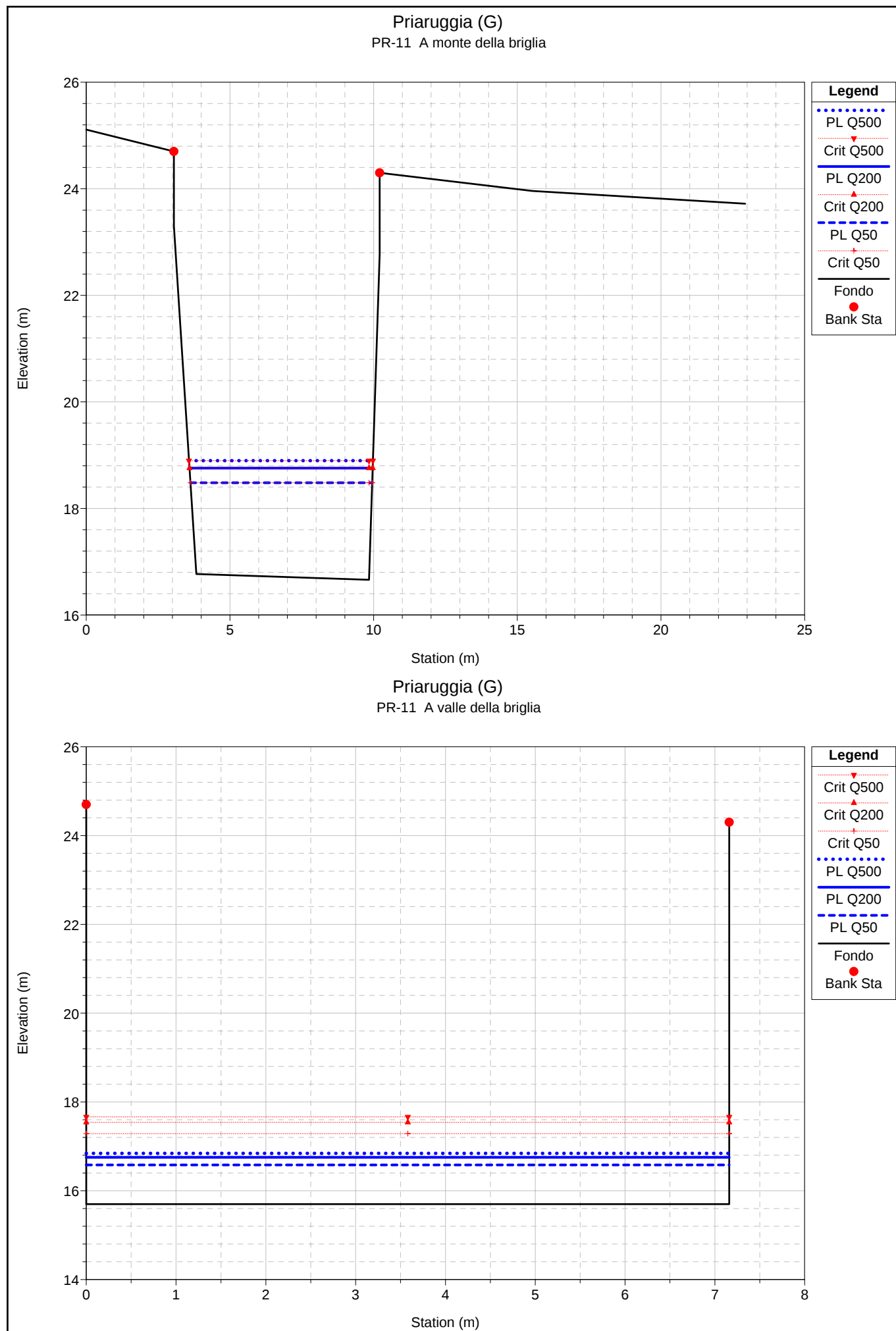


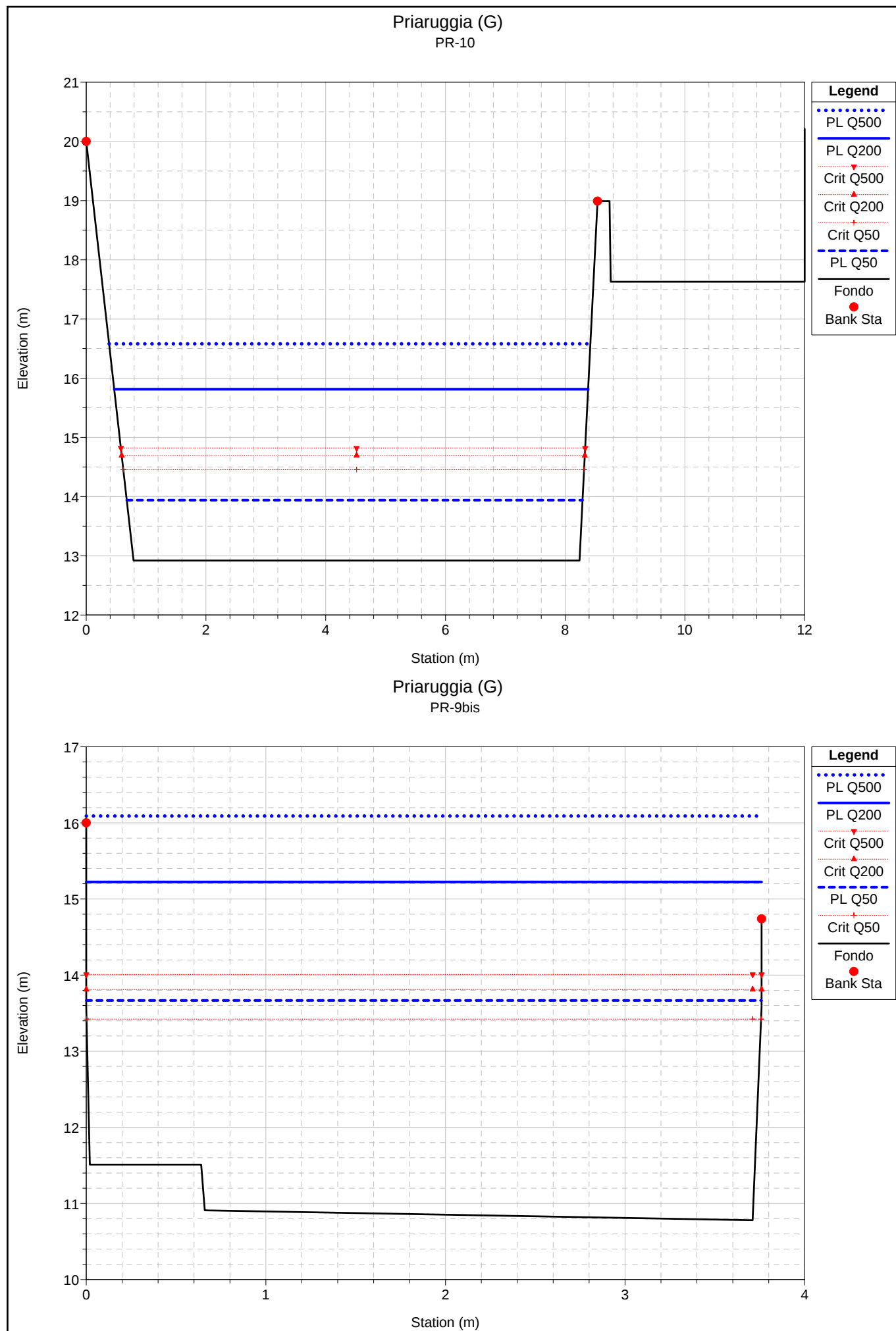




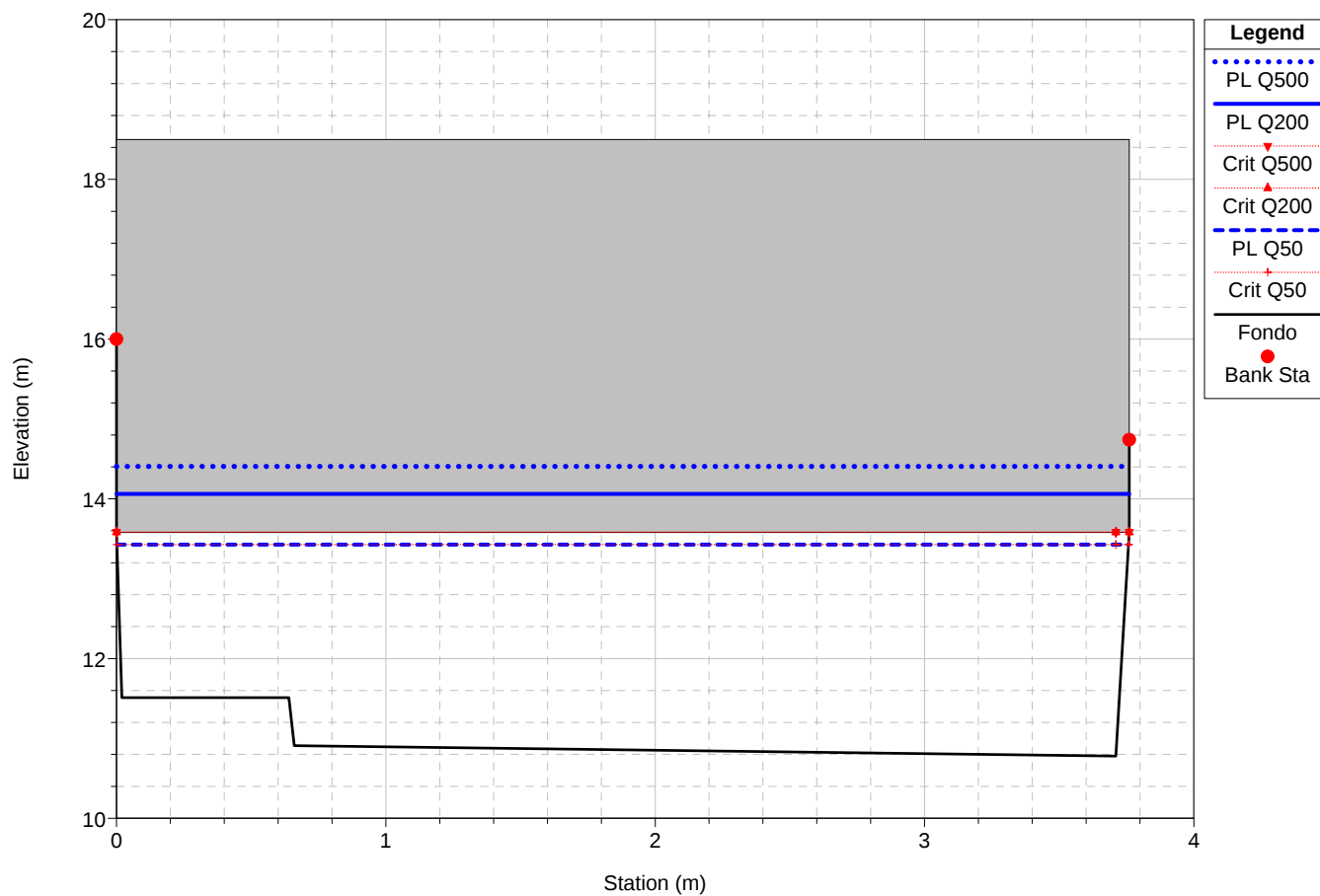






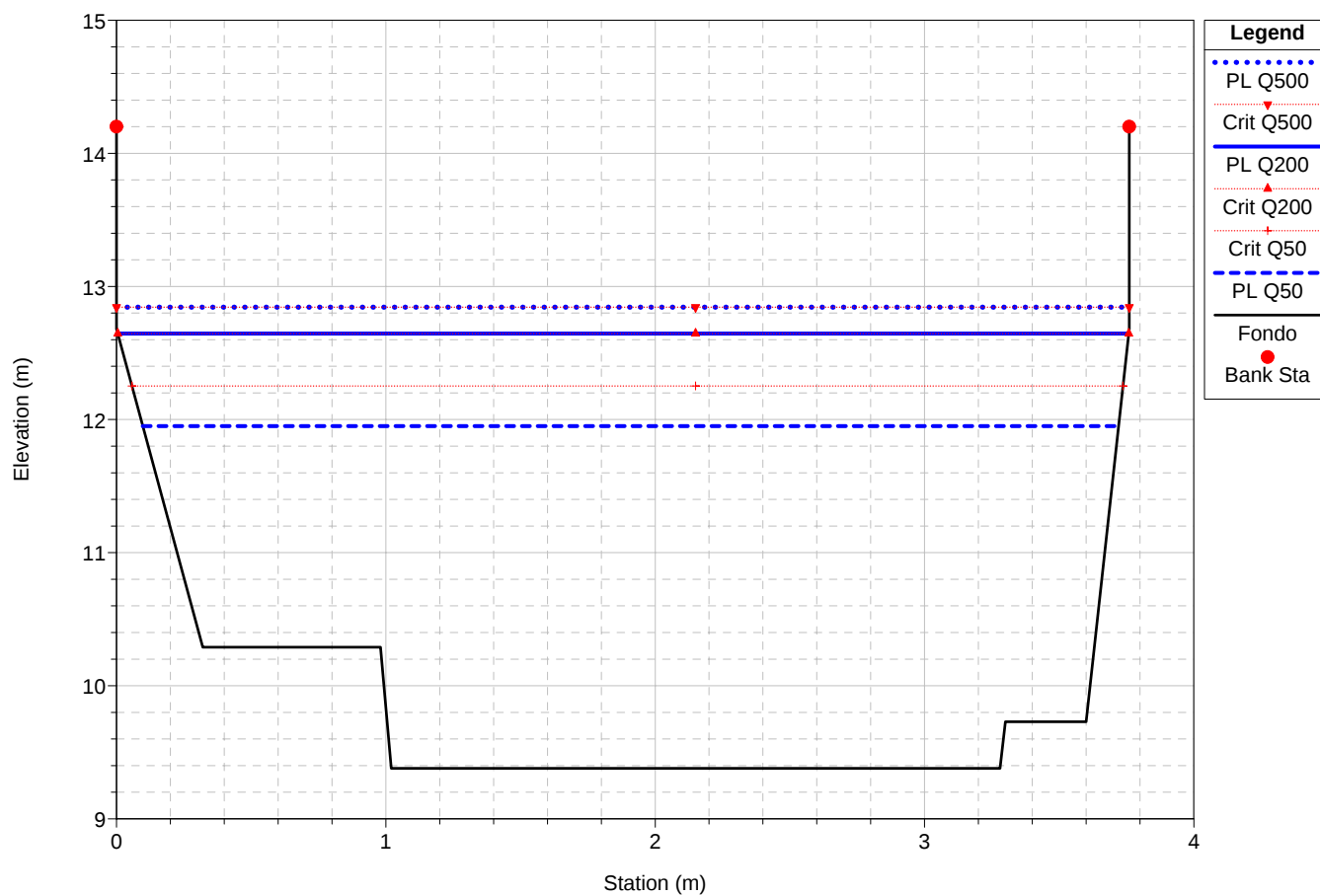


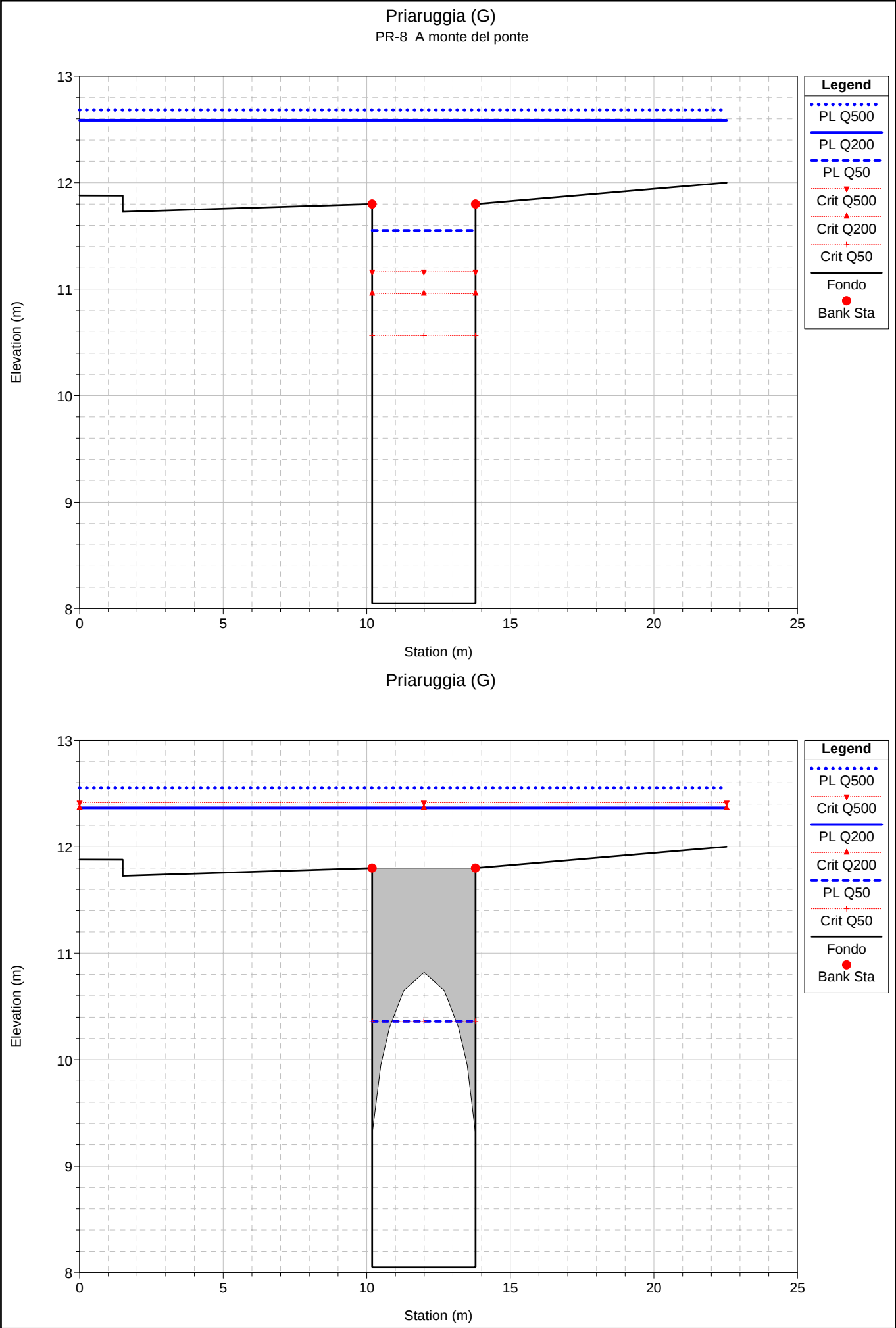
Priaruggia (G)

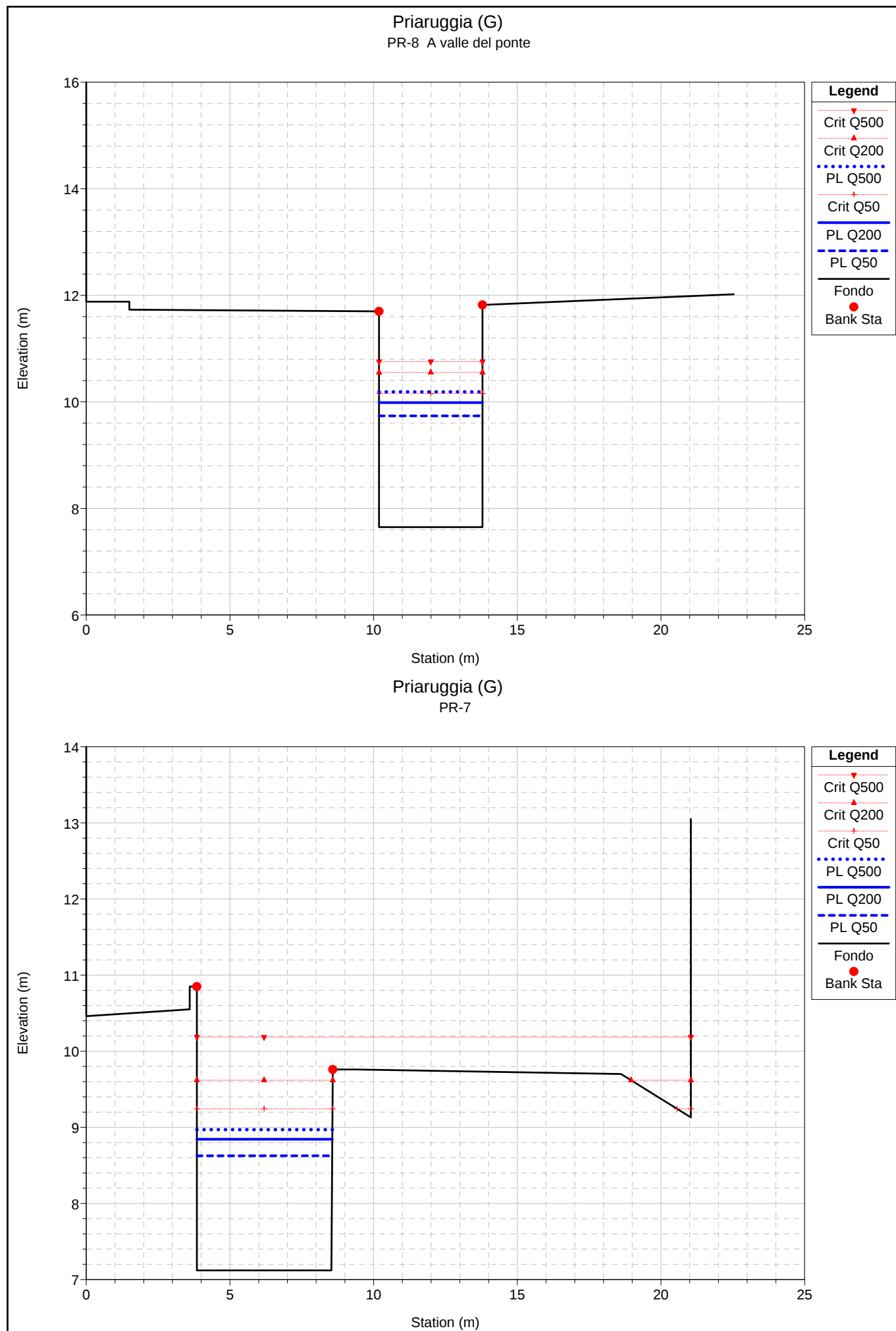


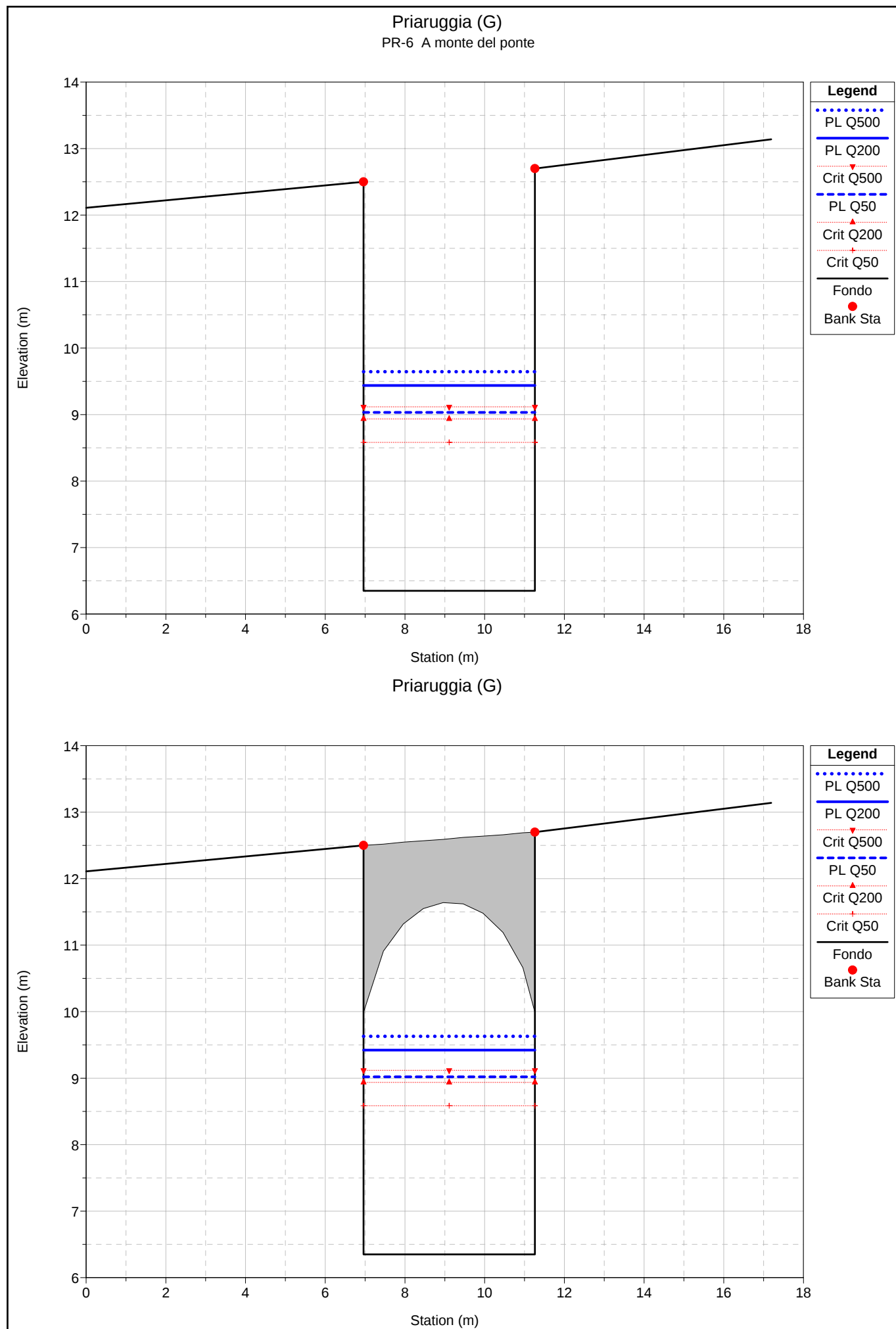
Priaruggia (G)

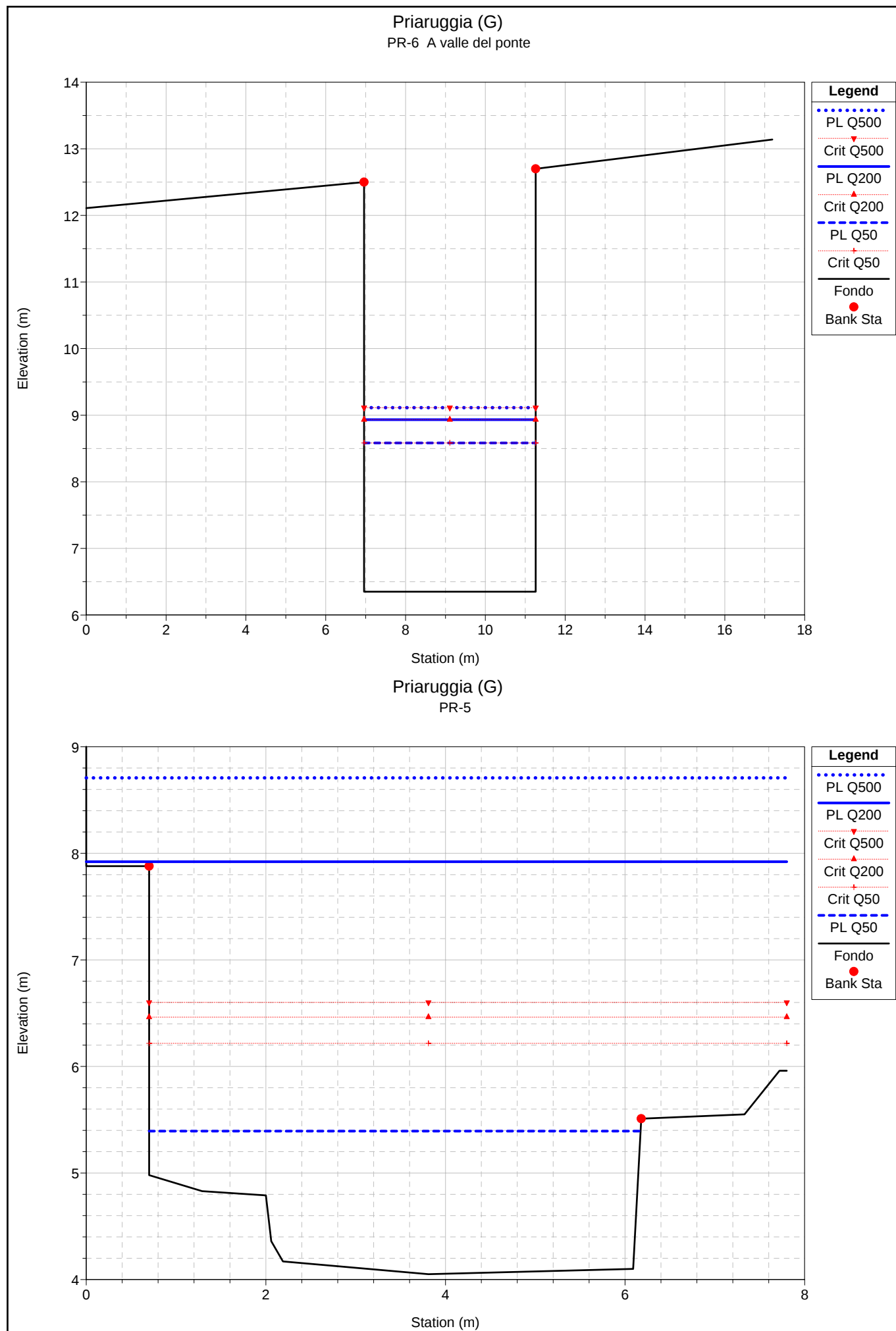
PR-9 sbocco copertura

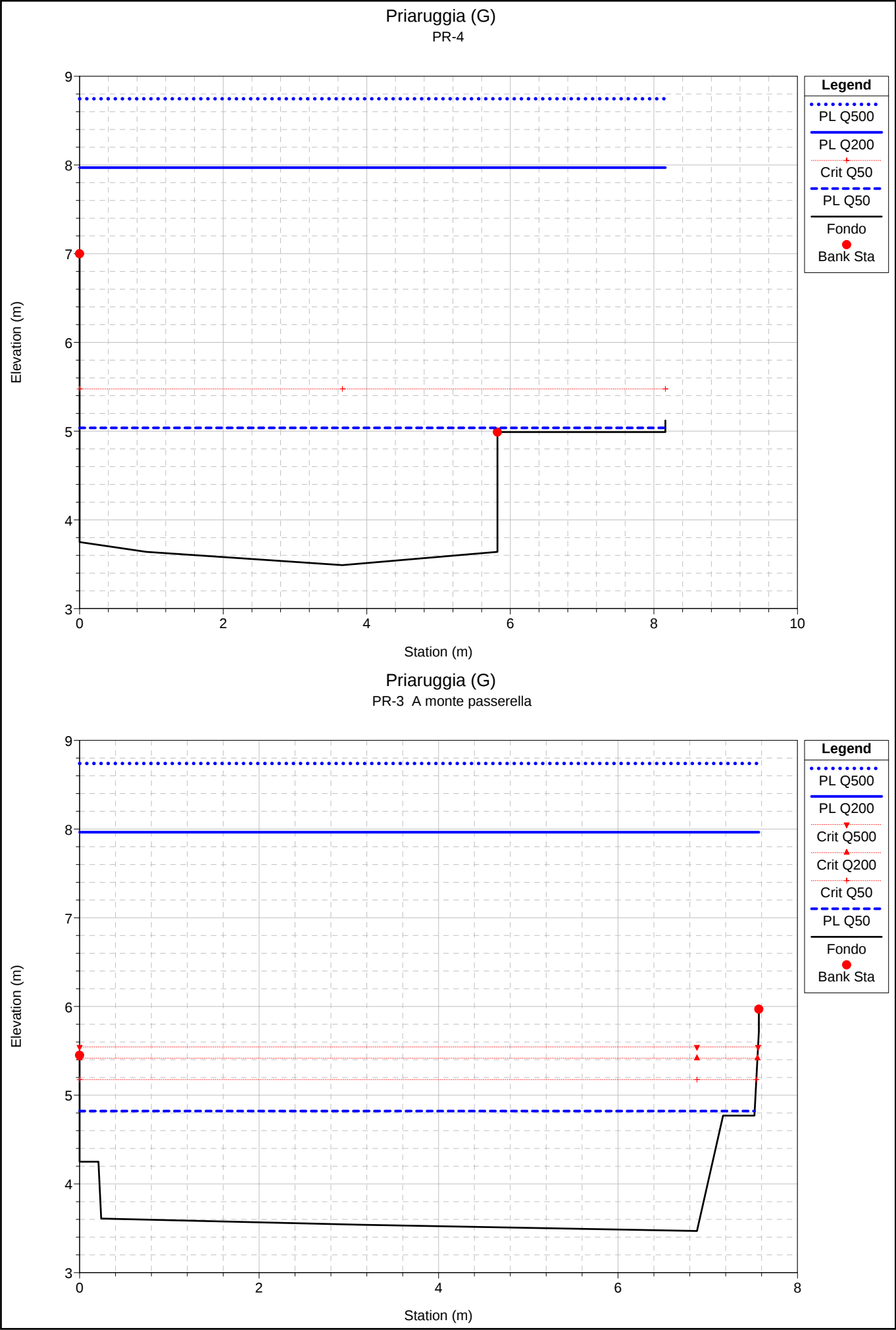


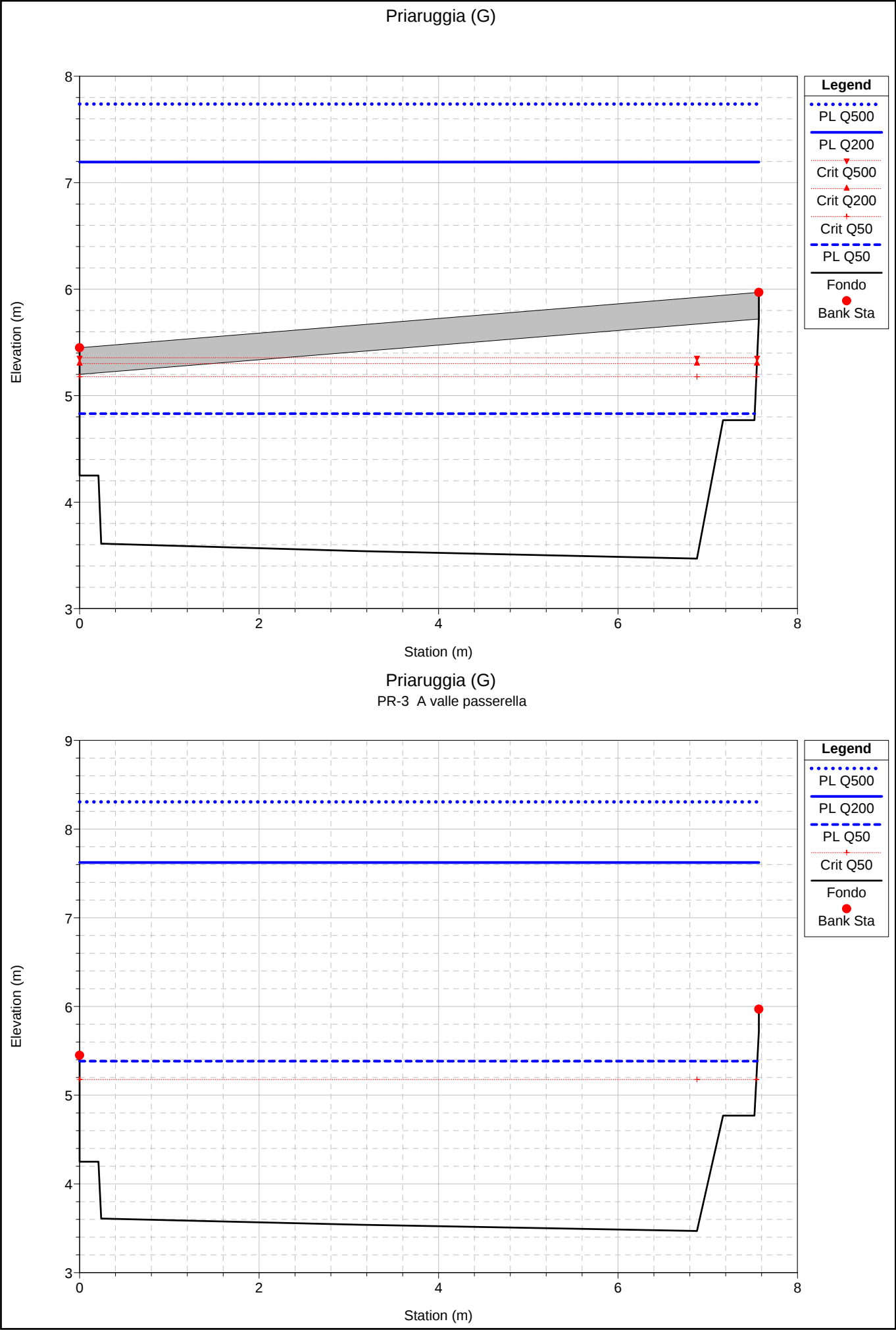


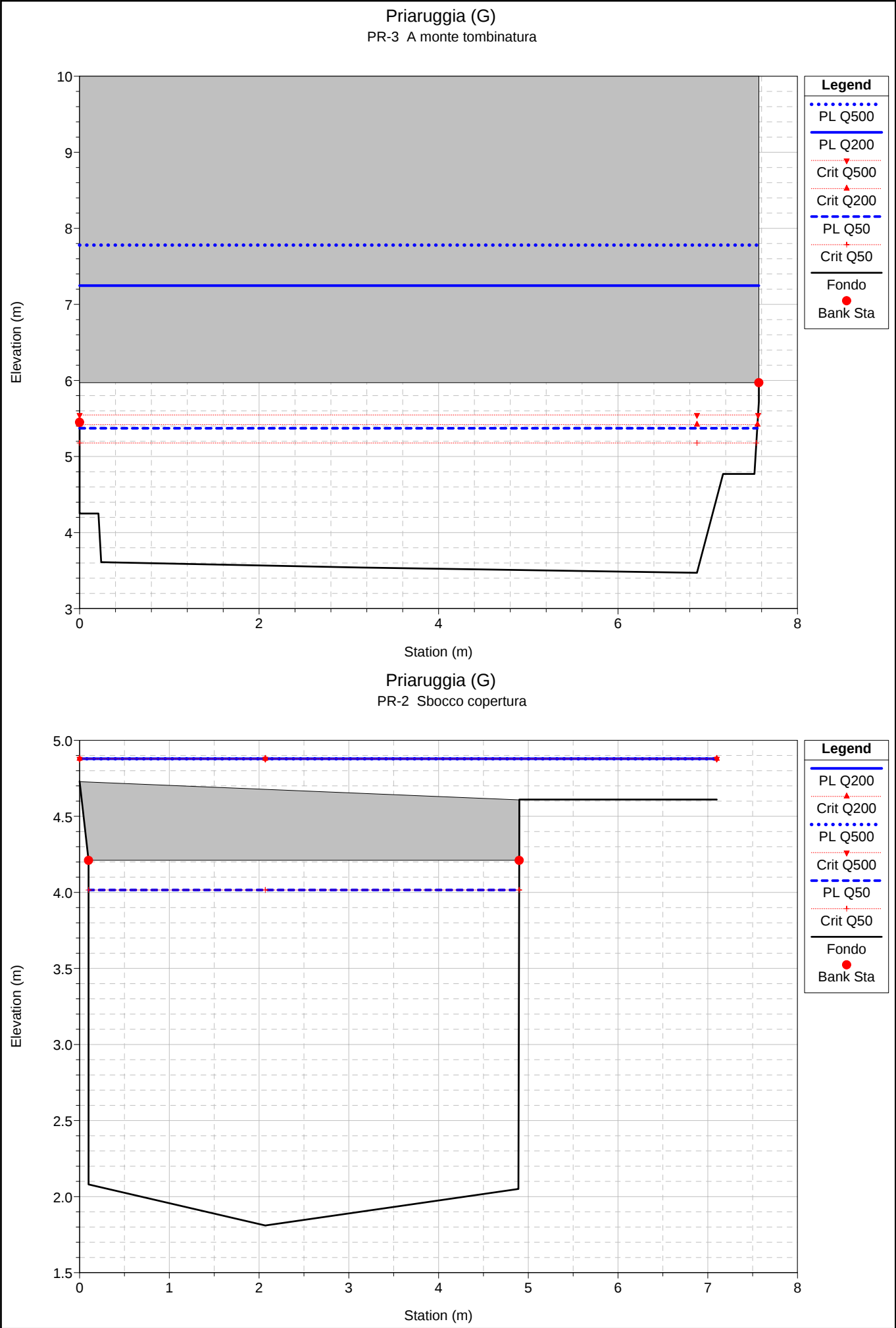


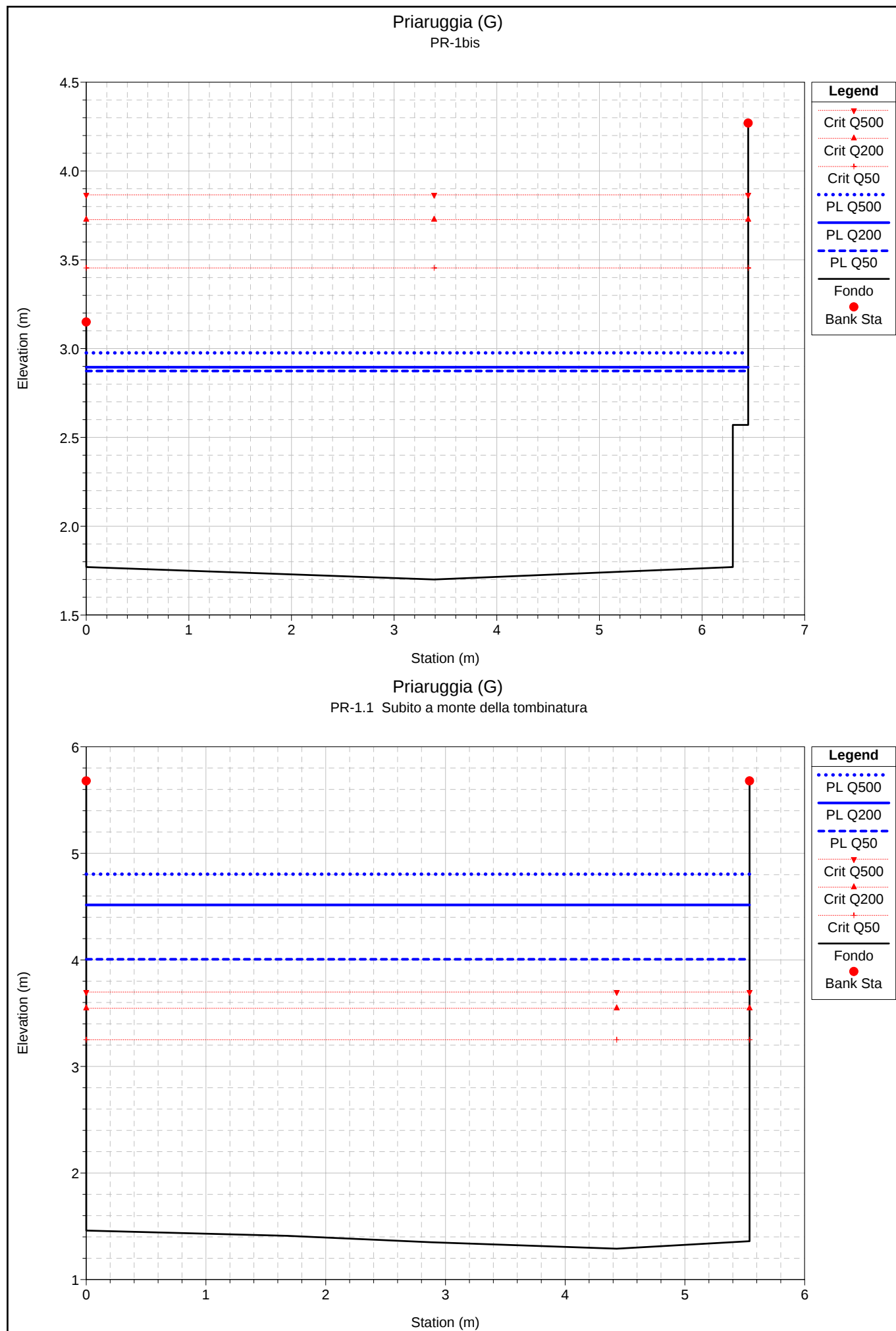




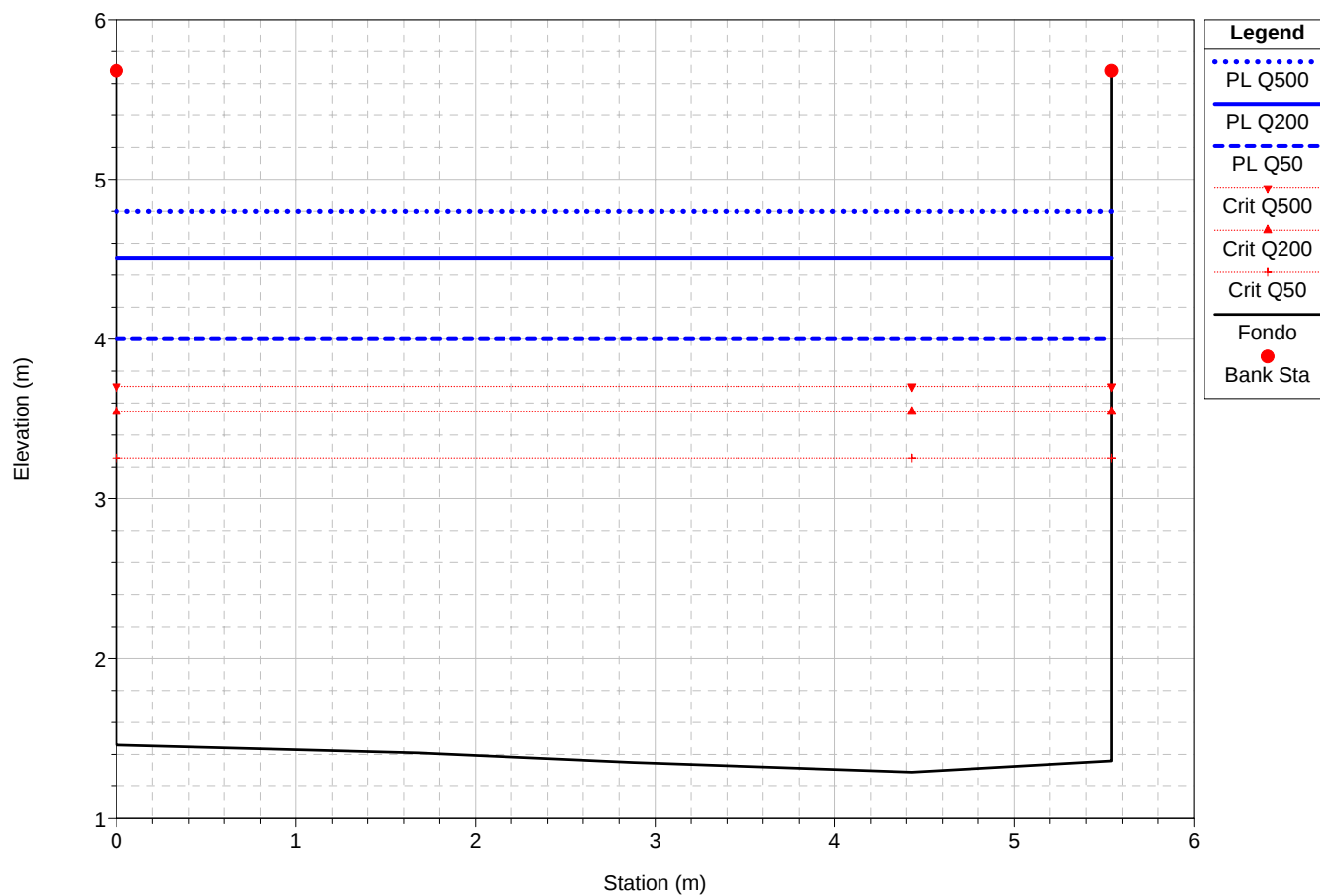




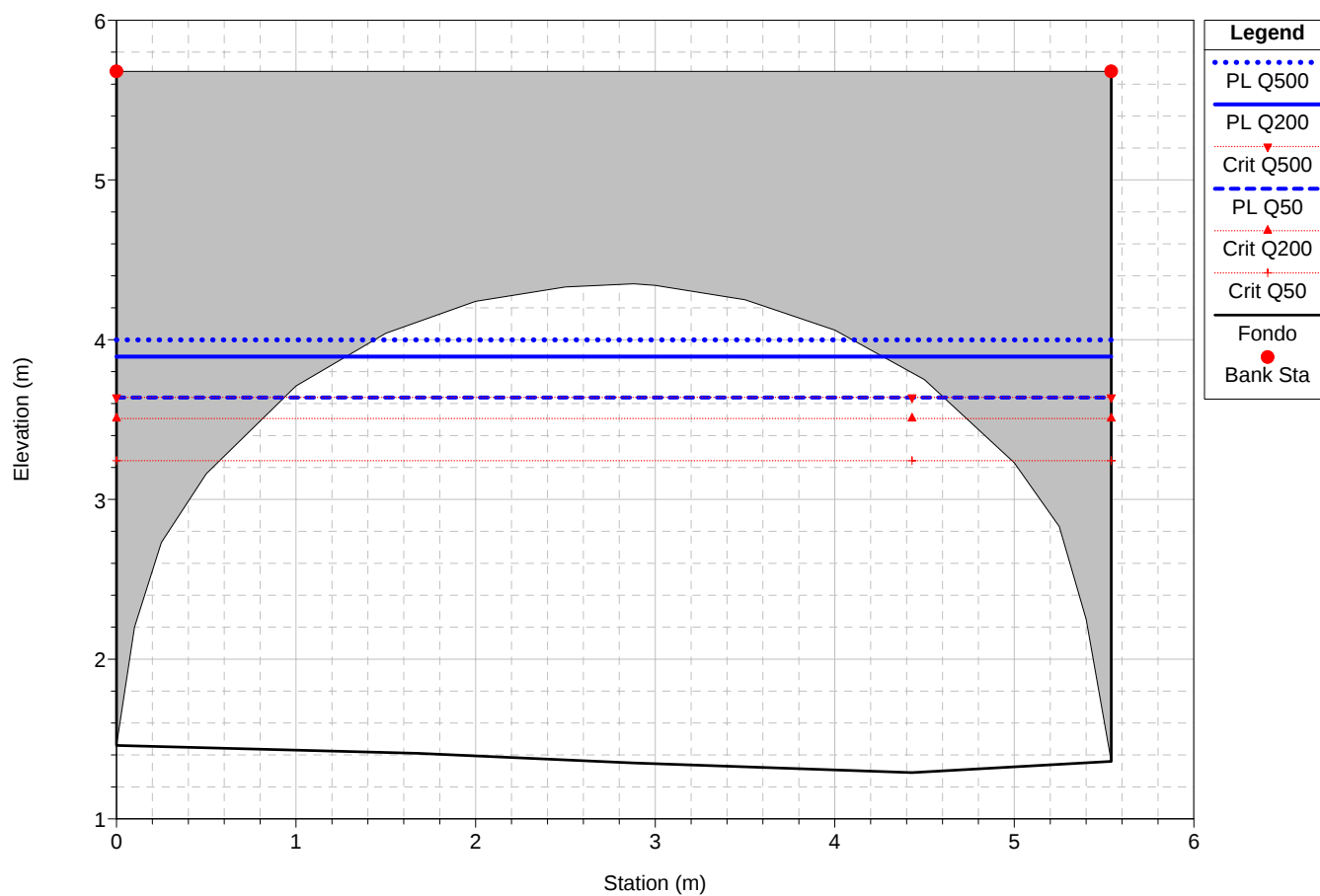


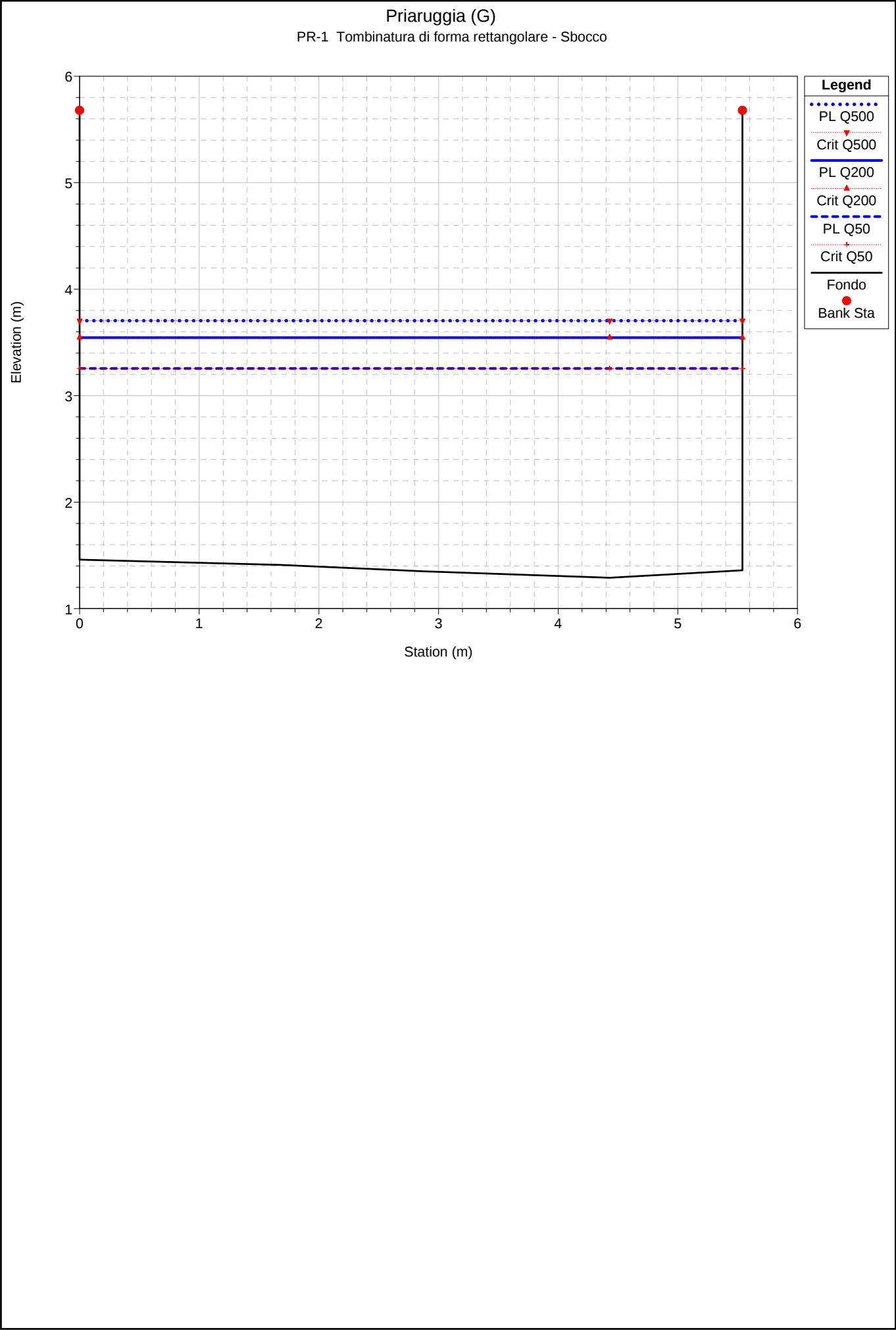


Priaruggia (G)
PR-1.1 Tombinatura ad arco - Imbocco



Priaruggia (G)





HEC-RAS Plan: priadef River: priaruggiarampa Reach: priaruggiaR

Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	LOB Elev (m)	L. Freeboard (m)	ROB Elev (m)	R. Freeboard (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
priaruggiaR	100	Q50	45.00	77.80	80.14	79.60	-0.54	79.60	-0.54	80.14	81.32	0.022820	4.81	9.35	4.00	1.00
priaruggiaR	100	Q200	56.00	77.80	80.51	79.60	-0.91	79.60	-0.91	80.51	81.87	0.024040	5.16	10.85	4.00	1.00
priaruggiaR	100	Q500	62.00	77.80	80.69	79.60	-1.09	79.60	-1.09	80.69	82.16	0.024965	5.35	11.58	4.00	1.00
priaruggiaR	37.5	Q50	45.00	74.60	76.04	76.40	0.36	76.40	0.36	76.94	79.15	0.084350	7.82	5.76	4.00	2.08
priaruggiaR	37.5	Q200	56.00	74.60	76.33	76.40	0.07	76.40	0.07	77.31	79.67	0.079110	8.10	6.91	4.00	1.97
priaruggiaR	37.5	Q500	62.00	74.60	76.48	76.40	-0.08	76.40	-0.08	77.49	79.93	0.076740	8.23	7.54	4.00	1.91
priaruggiaR	37.1 PR-37	Bridge														
priaruggiaR	37 PR-37	Q50	45.00	74.60	76.38	76.40	0.02	76.40	0.02	76.94	78.41	0.046787	6.30	7.14	4.00	1.51
priaruggiaR	37 PR-37	Q200	56.00	74.60	76.71	76.40	-0.31	76.40	-0.31	77.31	78.96	0.046524	6.65	8.42	4.00	1.46
priaruggiaR	37 PR-37	Q500	62.00	74.60	76.87	76.40	-0.47	76.40	-0.47	77.51	79.24	0.046532	6.81	9.10	4.00	1.44
priaruggiaR	36.5 PR-36	Q50	45.00	65.20	66.68	70.10	3.42	70.10	3.42	67.58	69.77	0.082781	7.78	5.79	3.90	2.04
priaruggiaR	36.5 PR-36	Q200	56.00	65.20	66.95	70.10	3.15	70.10	3.15	67.96	70.38	0.081650	8.20	6.83	3.90	1.98
priaruggiaR	36.5 PR-36	Q500	62.00	65.20	67.09	70.10	3.01	70.10	3.01	68.15	70.69	0.081006	8.40	7.38	3.90	1.95
priaruggiaR	36.1 PR-36	Bridge														
priaruggiaR	36 PR-36	Q50	45.00	65.20	66.94	70.10	3.16	70.10	3.16	67.58	69.18	0.053709	6.64	6.78	3.90	1.61
priaruggiaR	36 PR-36	Q200	56.00	65.20	67.23	70.10	2.87	70.10	2.87	67.96	69.78	0.055140	7.09	7.90	3.90	1.59
priaruggiaR	36 PR-36	Q500	62.00	65.20	67.38	70.10	2.72	70.10	2.72	68.15	70.08	0.055503	7.28	8.51	3.90	1.57
priaruggiaR	35.9 PR-35.9	Q50	45.00	64.60	66.71	67.00	0.29	67.00	0.29	67.16	68.60	0.042771	6.09	7.39	3.50	1.34
priaruggiaR	35.9 PR-35.9	Q200	56.00	64.60	67.17	67.00	-0.17	67.00	-0.17	67.57	69.14	0.039902	6.22	9.00	3.50	1.24
priaruggiaR	35.9 PR-35.9	Q500	62.00	64.60	67.49	67.00	-0.49	67.00	-0.49	67.77	69.40	0.036511	6.13	10.11	3.50	1.15
priaruggiaR	35.1 PR-35	Q50	45.00	55.37	55.76	59.60	3.84	64.00	8.24	56.44	59.75	0.322153	8.85	5.09	13.00	4.52
priaruggiaR	35.1 PR-35	Q200	56.00	55.37	58.21	59.60	1.39	64.00	5.79	56.60	58.31	0.000931	1.42	39.57	16.65	0.29
priaruggiaR	35.1 PR-35	Q500	62.00	55.37	58.51	59.60	1.09	64.00	5.49	56.69	58.61	0.000803	1.38	44.77	17.36	0.28
priaruggiaR	35 PR-35	Q50	45.00	53.94	57.69	59.60	1.91	64.00	6.31	55.01	57.73	0.000300	0.90	49.91	15.45	0.16
priaruggiaR	35 PR-35	Q200	56.00	53.94	58.24	59.60	1.36	64.00	5.76		58.29	0.000297	0.95	58.81	16.74	0.16
priaruggiaR	35 PR-35	Q500	62.00	53.94	58.55	59.60	1.05	64.00	5.45		58.59	0.000290	0.97	63.96	17.44	0.16
priaruggiaR	34 PR-34	Q50	45.00	56.00	57.41	63.01	5.60	63.50	6.09		57.70	0.005028	2.38	18.91	13.40	0.64
priaruggiaR	34 PR-34	Q200	56.00	56.00	58.06	63.01	4.95	63.50	5.44		58.27	0.002458	2.03	27.55	13.40	0.45
priaruggiaR	34 PR-34	Q500	62.00	56.00	58.38	63.01	4.63	63.50	5.12		58.57	0.001942	1.94	31.89	13.40	0.40
priaruggiaR	33 PR-33	Q50	45.00	56.00	57.38	62.60	5.22	67.44	10.06		57.67	0.005187	2.40	18.78	13.67	0.65
priaruggiaR	33 PR-33	Q200	56.00	56.00	58.05	62.60	4.55	67.44	9.39		58.25	0.002376	2.00	27.93	13.72	0.45
priaruggiaR	33 PR-33	Q500	62.00	56.00	58.37	62.60	4.23	67.44	9.07		58.56	0.001860	1.91	32.42	13.75	0.40
priaruggiaR	32 PR-32	Q50	45.00	53.94	57.52	61.80	4.28	61.80	4.28		57.59	0.000505	1.14	39.43	11.00	0.19
priaruggiaR	32 PR-32	Q200	56.00	53.94	58.13	61.80	3.67	61.80	3.67		58.20	0.000507	1.22	46.06	11.00	0.19
priaruggiaR	32 PR-32	Q500	62.00	53.94	58.44	61.80	3.36	61.80	3.36		58.52	0.000511	1.25	49.48	11.00	0.19
priaruggiaR	31 PR-31	Q50	45.00	53.69	56.21	57.19	0.98	57.19	0.98	56.21	57.46	0.025180	4.97	9.06	3.60	1.00
priaruggiaR	31 PR-31	Q200	56.00	53.69	56.60	57.19	0.59	57.19	0.59	56.60	58.06	0.027011	5.35	10.48	3.60	1.00
priaruggiaR	31 PR-31	Q500	62.00	53.69	56.80	57.19	0.39	57.19	0.39	56.80	58.36	0.027955	5.53	11.21	3.60	1.00

HEC-RAS Plan: priadef River: priaruggiarampa Reach: priaruggiaR (Continued)

Reach	River Sta		Profile	Q Total	Min Ch El	W.S. Elev	LOB Elev	L. Freeboard	ROB Elev	R. Freeboard	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)	(m)	(m/m)	(m/s)	(m2)	(m)	
priaruggiaR	30	PR-30	Q50	45.00	52.94	55.12	56.44	1.32	56.44	1.32	55.50	56.90	0.039630	5.91	7.61	3.50	1.28
priaruggiaR	30	PR-30	Q200	56.00	52.94	55.53	56.44	0.91	56.44	0.91	55.90	57.47	0.039219	6.18	9.07	3.50	1.23
priaruggiaR	30	PR-30	Q500	62.00	52.94	55.75	56.44	0.69	56.44	0.69	56.11	57.78	0.039203	6.31	9.83	3.50	1.20
priaruggiaR	29	PR-29	Q50	45.00	51.96	53.96	55.50	1.54	55.50	1.54	54.47	55.95	0.045443	6.24	7.22	3.60	1.41
priaruggiaR	29	PR-29	Q200	56.00	51.96	54.33	55.50	1.17	55.50	1.17	54.87	56.52	0.045341	6.55	8.54	3.60	1.36
priaruggiaR	29	PR-29	Q500	62.00	51.96	54.52	55.50	0.98	55.50	0.98	55.08	56.82	0.045557	6.71	9.23	3.60	1.34
priaruggiaR	28	PR-28	Q50	45.00	50.98	53.00	54.48	1.48	54.48	1.48	53.50	54.95	0.044401	6.18	7.28	3.60	1.39
priaruggiaR	28	PR-28	Q200	56.00	50.98	53.37	54.48	1.11	54.48	1.11	53.89	55.53	0.044389	6.50	8.62	3.60	1.34
priaruggiaR	28	PR-28	Q500	62.00	50.98	53.57	54.48	0.91	54.48	0.91	54.09	55.82	0.044228	6.64	9.34	3.60	1.32
priaruggiaR	27	PR-27	Q50	45.00	49.77	52.25	53.27	1.02	53.27	1.02	52.43	53.79	0.033475	5.51	8.17	3.30	1.12
priaruggiaR	27	PR-27	Q200	56.00	49.77	52.82	53.27	0.45	53.27	0.45	52.85	54.40	0.030730	5.56	10.07	3.30	1.02
priaruggiaR	27	PR-27	Q500	62.00	49.77	52.99	53.27	0.28	53.27	0.28	53.07	54.72	0.032908	5.83	10.64	3.30	1.04
priaruggiaR	26	PR-26	Q50	45.00	48.84	50.79	52.34	1.55	52.34	1.55	51.36	52.89	0.049130	6.42	7.01	3.60	1.47
priaruggiaR	26	PR-26	Q200	56.00	48.84	51.11	52.34	1.23	52.34	1.23	51.75	53.50	0.050583	6.84	8.19	3.60	1.45
priaruggiaR	26	PR-26	Q500	62.00	48.84	51.30	52.34	1.04	52.34	1.04	51.95	53.80	0.050638	7.00	8.86	3.60	1.42
priaruggiaR	25	PR-25	Q50	45.00	47.46	49.80	50.96	1.16	50.96	1.16	50.07	51.43	0.035645	5.66	7.95	3.40	1.18
priaruggiaR	25	PR-25	Q200	56.00	47.46	50.33	50.96	0.63	50.96	0.63	50.48	52.01	0.032896	5.74	9.75	3.40	1.08
priaruggiaR	25	PR-25	Q500	62.00	47.46	50.67	50.96	0.29	50.96	0.29	50.70	52.31	0.030547	5.68	10.91	3.40	1.01
priaruggiaR	24	PR-24	Q50	45.00	45.85	47.87	49.50	1.63	49.50	1.63	48.42	49.94	0.048357	6.38	7.05	3.50	1.43
priaruggiaR	24	PR-24	Q200	56.00	45.85	48.22	49.50	1.28	49.50	1.28	48.82	50.54	0.049313	6.76	8.29	3.50	1.40
priaruggiaR	24	PR-24	Q500	62.00	45.85	48.39	49.50	1.11	49.50	1.11	49.03	50.87	0.050676	6.98	8.88	3.50	1.40
priaruggiaR	23	PR-23	Q50	45.00	45.39	47.61	48.90	1.29	48.90	1.29	48.00	49.42	0.040596	5.96	7.56	3.40	1.28
priaruggiaR	23	PR-23	Q200	56.00	45.39	48.08	48.90	0.82	48.90	0.82	48.42	49.99	0.038526	6.11	9.16	3.40	1.19
priaruggiaR	23	PR-23	Q500	62.00	45.39	48.45	48.90	0.45	48.90	0.45	48.63	50.26	0.034311	5.96	10.41	3.40	1.09
priaruggiaR	22.1	PR22	Q50	45.00	43.26	44.77	47.31	2.54	47.39	2.62	45.43	47.02	0.055280	6.65	6.77	4.50	1.73
priaruggiaR	22.1	PR22	Q200	56.00	43.26	45.01	47.31	2.30	47.39	2.38	45.77	47.60	0.056765	7.14	7.85	4.50	1.72
priaruggiaR	22.1	PR22	Q500	62.00	43.26	45.11	47.31	2.20	47.39	2.28	45.95	47.94	0.059364	7.46	8.32	4.50	1.75
priaruggiaR	22	PR-22	Q50	45.00	42.63	43.95	47.31	3.36	47.39	3.44	44.80	46.88	0.080126	7.58	5.93	4.50	2.11
priaruggiaR	22	PR-22	Q200	56.00	42.63	44.18	47.31	3.13	47.39	3.21	45.14	47.46	0.078587	8.02	6.98	4.50	2.06
priaruggiaR	22	PR-22	Q500	62.00	42.63	44.29	47.31	3.02	47.39	3.10	45.31	47.80	0.079814	8.30	7.47	4.50	2.06
priaruggiaR	21.1	PR-21	Q50	45.00	41.57	44.29	44.67	0.38	44.69	0.40	44.56	45.91	0.036121	5.64	7.98	3.38	1.17
priaruggiaR	21.1	PR-21	Q200	56.00	41.57	44.61	44.67	0.06	44.69	0.08	44.88	46.55	0.040286	6.17	9.07	3.40	1.21
priaruggiaR	21.1	PR-21	Q500	62.00	41.57	46.10	44.67	-1.43	44.69	-1.41	45.02	46.59	0.007703	3.25	20.19	5.99	0.51
priaruggiaR	20.01		Bridge														
priaruggiaR	20	PR-20	Q50	45.00	41.49	43.19	45.32	2.13	45.32	2.13	43.89	45.54	0.059661	6.79	6.63	4.76	1.84
priaruggiaR	20	PR-20	Q200	56.00	41.49	43.40	45.32	1.92	45.32	1.92	44.21	46.15	0.062402	7.35	7.62	4.76	1.86
priaruggiaR	20	PR-20	Q500	62.00	41.49	43.67	45.32	1.65	45.32	1.65	44.37	46.14	0.049561	6.96	8.91	4.76	1.62

HEC-RAS Plan: priadef River: priaruggiarampa Reach: priaruggiaR (Continued)

Reach	River Sta		Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	LOB Elev (m)	L. Freeboard (m)	ROB Elev (m)	R. Freeboard (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
priaruggiaR	19.11	PR-19bis	Q50	45.00	40.79	41.80	41.53	-0.27	45.34	3.54	42.55	44.63	0.087723	7.45	6.04	7.06	2.57
priaruggiaR	19.11	PR-19bis	Q200	56.00	40.79	41.93	41.53	-0.40	45.34	3.41	42.80	45.22	0.088185	8.03	6.98	7.17	2.60
priaruggiaR	19.11	PR-19bis	Q500	62.00	40.79	42.04	41.53	-0.51	45.34	3.30	42.92	45.32	0.079724	8.02	7.73	7.25	2.48
priaruggiaR	19.1	PR-19bis	Q50	45.00	39.64	43.22	41.53	-1.69	45.34	2.12	41.47	43.39	0.001623	1.86	24.26	7.58	0.33
priaruggiaR	19.1	PR-19bis	Q200	56.00	39.64	43.69	41.53	-2.16	45.34	1.65	41.74	43.89	0.001748	2.01	27.81	7.64	0.34
priaruggiaR	19.1	PR-19bis	Q500	62.00	39.64	43.93	41.53	-2.40	45.34	1.41	41.87	44.15	0.001808	2.09	29.68	7.67	0.34
priaruggiaR	19.01	PR-19	Q50	45.00	40.10	42.22	41.75	-0.47	45.57	3.35	42.22	43.25	0.018899	4.50	10.00	4.89	1.00
priaruggiaR	19.01	PR-19	Q200	56.00	40.10	42.55	41.75	-0.80	45.57	3.02	42.55	43.74	0.019575	4.82	11.61	4.90	1.00
priaruggiaR	19.01	PR-19	Q500	62.00	40.10	42.71	41.75	-0.96	45.57	2.86	42.71	43.98	0.020198	5.01	12.38	4.90	1.01
priaruggiaR	19	PR-19	Q50	45.00	39.07	40.33	41.75	1.42	45.57	5.24	41.12	43.06	0.074735	7.32	6.15	4.89	2.08
priaruggiaR	19	PR-19	Q200	56.00	39.07	40.57	41.75	1.18	45.57	5.00	41.44	43.53	0.069564	7.62	7.35	4.89	1.98
priaruggiaR	19	PR-19	Q500	62.00	39.07	40.70	41.75	1.05	45.57	4.87	41.61	43.78	0.067677	7.77	7.98	4.89	1.94
priaruggiaR	18	PR-18	Q50	45.00	33.50	35.36	39.27	3.91	37.28	1.92	35.87	37.11	0.051485	5.87	7.67	7.89	1.90
priaruggiaR	18	PR-18	Q200	56.00	33.50	35.48	39.27	3.79	37.28	1.80	36.11	37.61	0.055010	6.47	8.66	7.91	1.97
priaruggiaR	18	PR-18	Q500	62.00	33.50	35.55	39.27	3.72	37.28	1.73	36.23	37.87	0.056567	6.76	9.18	7.92	2.00
priaruggiaR	17	PR-17	Q50	45.00	31.38	33.82	33.88	0.06	34.69	0.87	34.28	35.31	0.036459	5.41	8.32	5.83	1.38
priaruggiaR	17	PR-17	Q200	56.00	31.38	34.05	33.88	-0.17	34.69	0.64	34.54	35.72	0.035779	5.76	10.06	7.67	1.37
priaruggiaR	17	PR-17	Q500	62.00	31.38	35.40	33.88	-1.52	34.69	-0.71	34.85	35.78	0.004728	2.91	24.27	13.08	0.52
priaruggiaR	16.1	PR-16	Q50	45.00	30.76	33.89	32.18	-1.71	34.06	0.17	33.38	34.57	0.009667	3.75	12.69	4.90	0.71
priaruggiaR	16.1	PR-16	Q200	56.00	30.76	34.34	32.18	-2.16	34.06	-0.28	33.69	35.11	0.009394	4.02	14.85	4.90	0.71
priaruggiaR	16.1	PR-16	Q500	62.00	30.76	34.57	32.18	-2.39	34.06	-0.51	33.87	35.39	0.009115	4.14	16.00	4.90	0.71
priaruggiaR	16.01		Bridge														
priaruggiaR	16	PR-16	Q50	45.00	30.76	33.37	32.18	-1.19	31.40	-1.97	33.37	34.46	0.012158	4.73	10.14	4.89	1.00
priaruggiaR	16	PR-16	Q200	56.00	30.76	33.71	32.18	-1.53	31.40	-2.31	33.71	34.97	0.011766	5.10	11.80	4.90	1.00
priaruggiaR	16	PR-16	Q500	62.00	30.76	33.88	32.18	-1.70	31.40	-2.48	33.88	35.24	0.011624	5.29	12.64	4.90	1.01
priaruggiaR	15.1	PR-15	Q50	45.00	30.98	32.42	31.39	-1.03	31.23	-1.19	32.96	34.31	0.038141	6.68	7.81	6.33	1.79
priaruggiaR	15.1	PR-15	Q200	56.00	30.98	32.62	31.39	-1.23	31.23	-1.39	33.25	34.81	0.037297	7.22	9.08	6.35	1.81
priaruggiaR	15.1	PR-15	Q500	62.00	30.98	32.72	31.39	-1.33	31.23	-1.49	33.40	35.07	0.036946	7.49	9.73	6.36	1.82
priaruggiaR	15	PR-15	Q50	45.00	28.10	28.91	33.38	4.47	33.32	4.41	29.96	33.85	0.193786	9.85	4.57	5.76	3.53
priaruggiaR	15	PR-15	Q200	56.00	28.10	29.07	33.38	4.31	33.32	4.25	30.24	34.36	0.171659	10.19	5.50	5.79	3.34
priaruggiaR	15	PR-15	Q500	62.00	28.10	29.15	33.38	4.23	33.32	4.17	30.39	34.62	0.163156	10.36	5.99	5.82	3.26
priaruggiaR	14.9		Bridge														
priaruggiaR	14.8	PR-15	Q50	45.00	28.10	28.96	33.38	4.42	33.32	4.36	29.96	33.33	0.160820	9.27	4.86	5.77	3.22
priaruggiaR	14.8	PR-15	Q200	56.00	28.10	29.12	33.38	4.26	33.32	4.20	30.24	33.88	0.146811	9.67	5.79	5.81	3.09
priaruggiaR	14.8	PR-15	Q500	62.00	28.10	29.20	33.38	4.18	33.32	4.12	30.39	34.16	0.141244	9.87	6.28	5.83	3.03
priaruggiaR	14	PR-14	Q50	45.00	22.86	25.28	26.72	1.44	25.44	0.16	26.10	27.95	0.099909	7.25	6.21	5.27	2.13
priaruggiaR	14	PR-14	Q200	56.00	22.86	25.44	26.72	1.28	25.44	0.00	26.38	28.61	0.104242	7.89	7.10	5.41	2.19
priaruggiaR	14	PR-14	Q500	62.00	22.86	25.52	26.72	1.20	25.44	-0.08	26.49	28.96	0.105894	8.22	7.59	6.69	2.23

HEC-RAS Plan: priadef River: priaruggiarampa Reach: priaruggiaR (Continued)

Reach	River Sta		Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	LOB Elev (m)	L. Freeboard (m)	ROB Elev (m)	R. Freeboard (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
priaruggiaR	13	PR-13	Q50	45.00	21.27	22.78	26.96	4.18	25.93	3.15	23.31	24.63	0.041636	6.03	7.47	5.29	1.62
priaruggiaR	13	PR-13	Q200	56.00	21.27	23.00	26.96	3.96	25.93	2.93	23.62	25.13	0.042531	6.47	8.65	5.33	1.62
priaruggiaR	13	PR-13	Q500	62.00	21.27	23.11	26.96	3.85	25.93	2.82	23.78	25.40	0.043170	6.70	9.26	5.35	1.63
priaruggiaR	12.1	PR-12	Q50	45.00	17.93	19.21	24.75	5.54	21.23	2.02	19.80	21.21	0.057600	6.26	7.19	6.61	1.92
priaruggiaR	12.1	PR-12	Q200	56.00	17.93	19.38	24.75	5.37	21.23	1.85	20.07	21.68	0.057236	6.72	8.33	6.63	1.91
priaruggiaR	12.1	PR-12	Q500	62.00	17.93	19.47	24.75	5.28	21.23	1.76	20.20	21.93	0.057046	6.94	8.94	6.64	1.91
priaruggiaR	12	PR-12	Q50	45.00	16.77	18.54	24.75	6.21	21.23	2.69	19.26	21.11	0.090754	7.10	6.33	6.54	2.30
priaruggiaR	12	PR-12	Q200	56.00	16.77	18.71	24.75	6.04	21.23	2.52	19.53	21.59	0.085735	7.51	7.46	6.56	2.25
priaruggiaR	12	PR-12	Q500	62.00	16.77	18.80	24.75	5.95	21.23	2.43	19.66	21.83	0.083669	7.71	8.04	6.57	2.22
priaruggiaR	11.3	PR-11	Q50	45.00	16.66	19.10	24.70	5.60	24.30	5.20	18.48	19.57	0.006565	3.03	14.83	6.44	0.64
priaruggiaR	11.3	PR-11	Q200	56.00	16.66	19.43	24.70	5.27	24.30	4.87	18.76	19.99	0.007001	3.29	17.00	6.50	0.65
priaruggiaR	11.3	PR-11	Q500	62.00	16.66	19.61	24.70	5.09	24.30	4.69	18.90	20.20	0.007217	3.42	18.12	6.53	0.66
priaruggiaR	11.21		Bridge														
priaruggiaR	11.2	PR-11	Q50	45.00	16.66	18.96	24.70	5.74	24.30	5.34		19.49	0.007785	3.23	13.95	6.41	0.70
priaruggiaR	11.2	PR-11	Q200	56.00	16.66	19.28	24.70	5.42	24.30	5.02		19.91	0.008234	3.50	16.02	6.47	0.71
priaruggiaR	11.2	PR-11	Q500	62.00	16.66	19.45	24.70	5.25	24.30	4.85		20.12	0.008458	3.63	17.09	6.50	0.71
priaruggiaR	11.1	PR-11	Q50	45.00	16.66	18.48	24.70	6.22	24.30	5.82	18.48	19.35	0.015626	4.13	10.89	6.32	1.01
priaruggiaR	11.1	PR-11	Q200	56.00	16.66	18.76	24.70	5.94	24.30	5.54	18.76	19.76	0.015898	4.43	12.63	6.37	1.00
priaruggiaR	11.1	PR-11	Q500	62.00	16.66	18.90	24.70	5.80	24.30	5.40	18.90	19.97	0.016057	4.58	13.54	6.40	1.00
priaruggiaR	11	PR-11	Q50	45.00	15.70	16.58	24.70	8.12	24.30	7.72	17.29	19.16	0.087379	7.12	6.32	7.16	2.42
priaruggiaR	11	PR-11	Q200	56.00	15.70	16.75	24.70	7.95	24.30	7.55	17.54	19.56	0.078931	7.42	7.54	7.16	2.31
priaruggiaR	11	PR-11	Q500	62.00	15.70	16.84	24.70	7.86	24.30	7.46	17.66	19.77	0.075667	7.58	8.18	7.16	2.26
priaruggiaR	10	PR-10	Q50	45.00	12.92	13.94	20.00	6.06	18.99	5.05	14.46	15.69	0.049595	5.86	7.68	7.61	1.86
priaruggiaR	10	PR-10	Q200	56.00	12.92	15.81	20.00	4.19	18.99	3.18	14.69	16.14	0.003465	2.52	22.24	7.92	0.48
priaruggiaR	10	PR-10	Q500	62.00	12.92	16.58	20.00	3.42	18.99	2.41	14.82	16.82	0.002189	2.19	28.35	8.04	0.37
priaruggiaR	9.1	PR-9bis	Q50	45.00	10.78	13.67	16.00	2.33	14.74	1.07	13.42	14.68	0.019481	4.46	10.09	3.76	0.87
priaruggiaR	9.1	PR-9bis	Q200	56.00	10.78	15.22	16.00	0.78	14.74	-0.48	13.81	15.85	0.009638	3.51	15.95	3.76	0.54
priaruggiaR	9.1	PR-9bis	Q500	62.00	10.78	16.09	16.00	-0.09	14.74	-1.35	14.01	16.62	0.007566	3.23	19.20	3.76	0.46
priaruggiaR	9.05		Bridge														
priaruggiaR	9	PR-9	Q50	45.00	9.38	11.95	14.20	2.25	14.20	2.25	12.25	13.55	0.036294	5.61	8.02	3.62	1.20
priaruggiaR	9	PR-9	Q200	56.00	9.38	12.65	14.20	1.55	14.20	1.55	12.65	14.07	0.027400	5.29	10.59	3.75	1.01
priaruggiaR	9	PR-9	Q500	62.00	9.38	12.84	14.20	1.36	14.20	1.36	12.84	14.37	0.028222	5.47	11.33	3.76	1.01
priaruggiaR	8.1	PR-8	Q50	45.00	8.05	11.55	11.80	0.25	11.80	0.25	10.56	12.20	0.011010	3.57	12.61	3.60	0.61
priaruggiaR	8.1	PR-8	Q200	56.00	8.05	12.59	11.80	-0.79	11.80	-0.79	10.96	12.79	0.003273	2.24	30.52	22.53	0.34
priaruggiaR	8.1	PR-8	Q500	62.00	8.05	12.68	11.80	-0.88	11.80	-0.88	11.16	12.89	0.003319	2.29	32.73	22.53	0.34
priaruggiaR	8.01		Bridge														

HEC-RAS Plan: priadef River: priaruggiarampa Reach: priaruggiaR (Continued)

Reach	River Sta		Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	LOB Elev (m)	L. Freeboard (m)	ROB Elev (m)	R. Freeboard (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
priaruggiaR	8	PR-8	Q50	45.00	7.65	9.74	11.70	1.96	11.82	2.08	10.16	11.56	0.040881	5.99	7.51	3.60	1.32
priaruggiaR	8	PR-8	Q200	56.00	7.65	9.99	11.70	1.71	11.82	1.83	10.55	12.24	0.047230	6.66	8.41	3.60	1.39
priaruggiaR	8	PR-8	Q500	62.00	7.65	10.19	11.70	1.51	11.82	1.63	10.76	12.53	0.046827	6.79	9.13	3.60	1.36
priaruggiaR	7	PR-7	Q50	45.00	7.12	8.63	10.85	2.22	9.76	1.13	9.24	10.69	0.049294	6.36	7.07	4.71	1.66
priaruggiaR	7	PR-7	Q200	56.00	7.12	8.84	10.85	2.01	9.76	0.92	9.62	11.28	0.052426	6.92	8.09	4.71	1.69
priaruggiaR	7	PR-7	Q500	62.00	7.12	8.97	10.85	1.88	9.76	0.79	10.19	11.56	0.052875	7.14	8.69	4.72	1.68
priaruggiaR	6.1	PR-6	Q50	45.00	6.35	9.03	12.50	3.47	12.70	3.67	8.58	9.81	0.013086	3.90	11.54	4.30	0.76
priaruggiaR	6.1	PR-6	Q200	56.00	6.35	9.44	12.50	3.06	12.70	3.26	8.93	10.34	0.014132	4.22	13.27	4.30	0.77
priaruggiaR	6.1	PR-6	Q500	62.00	6.35	9.65	12.50	2.85	12.70	3.05	9.12	10.62	0.014681	4.38	14.17	4.30	0.77
priaruggiaR	6.01		Bridge														
priaruggiaR	6	PR-6	Q50	45.00	6.35	8.58	12.50	3.92	12.70	4.12	8.58	9.70	0.021170	4.69	9.60	4.30	1.00
priaruggiaR	6	PR-6	Q200	56.00	6.35	8.93	12.50	3.57	12.70	3.77	8.93	10.23	0.022383	5.04	11.10	4.30	1.00
priaruggiaR	6	PR-6	Q500	62.00	6.35	9.11	12.50	3.39	12.70	3.59	9.11	10.50	0.023020	5.22	11.88	4.30	1.00
priaruggiaR	5	PR-5	Q50	45.00	4.05	5.39	7.88	2.49	5.51	0.12	6.22	8.23	0.082330	7.46	6.03	5.47	2.27
priaruggiaR	5	PR-5	Q200	56.00	4.05	7.92	7.88	-0.04	5.51	-2.41	6.46	8.22	0.002822	2.51	23.67	7.80	0.42
priaruggiaR	5	PR-5	Q500	62.00	4.05	8.71	7.88	-0.83	5.51	-3.20	6.60	8.95	0.001763	2.26	29.81	7.80	0.34
priaruggiaR	4	PR-4	Q50	45.00	3.49	5.04	7.00	1.96	4.99	-0.05	5.48	6.48	0.030915	5.32	8.56	8.16	1.41
priaruggiaR	4	PR-4	Q200	56.00	3.49	7.97	7.00	-0.97	4.99	-2.98		8.13	0.001263	1.84	32.49	8.16	0.28
priaruggiaR	4	PR-4	Q500	62.00	3.49	8.75	7.00	-1.75	4.99	-3.76		8.88	0.000960	1.71	38.82	8.16	0.24
priaruggiaR	3.3	PR-3	Q50	45.00	3.47	4.82	5.45	0.63	5.97	1.15	5.18	6.12	0.031605	5.05	8.90	7.52	1.48
priaruggiaR	3.3	PR-3	Q200	56.00	3.47	7.96	5.45	-2.51	5.97	-1.99	5.42	8.11	0.001243	1.71	32.67	7.57	0.26
priaruggiaR	3.3	PR-3	Q500	62.00	3.47	8.74	5.45	-3.29	5.97	-2.77	5.54	8.87	0.000993	1.61	38.54	7.57	0.23
priaruggiaR	3.25		Bridge														
priaruggiaR	3.2	PR-3	Q50	45.00	3.47	5.38	5.45	0.07	5.97	0.59	5.18	5.98	0.009966	3.42	13.15	7.55	0.83
priaruggiaR	3.2	PR-3	Q200	56.00	3.47	7.62	5.45	-2.17	5.97	-1.65		7.80	0.001544	1.86	30.09	7.57	0.30
priaruggiaR	3.2	PR-3	Q500	62.00	3.47	8.31	5.45	-2.86	5.97	-2.34		8.46	0.001250	1.76	35.26	7.57	0.26
priaruggiaR	3.1	PR-3	Q50	45.00	3.47	5.37	5.97	0.60	5.97	0.60	5.18	5.98	0.010187	3.45	13.05	7.55	0.84
priaruggiaR	3.1	PR-3	Q200	56.00	3.47	7.25	5.97	-1.28	5.97	-1.28	5.42	7.76	0.012831	3.19	17.58		0.54
priaruggiaR	3.1	PR-3	Q500	62.00	3.47	7.78	5.97	-1.81	5.97	-1.81	5.55	8.41	0.015727	3.53	17.58		0.55
priaruggiaR	2.01	PR-2	Q50	45.00	1.81	4.02	2.08	-1.94	4.21	0.19	4.02	5.05	0.013278	4.51	9.97	4.80	1.00
priaruggiaR	2.01	PR-2	Q200	56.00	1.81	4.88	2.08	-2.80	4.21	-0.67	4.88	6.22	0.031803	5.13	10.91		0.96
priaruggiaR	2.01	PR-2	Q500	62.00	1.81	4.88	2.08	-2.80	4.21	-0.67	4.88	6.52	0.038983	5.68	10.91		1.06
priaruggiaR	1.2	PR-1bis	Q50	45.00	1.70	2.87	3.15	0.28	4.27	1.40	3.45	4.85	0.053890	6.23	7.22	6.45	1.88
priaruggiaR	1.2	PR-1bis	Q200	56.00	1.70	2.90	3.15	0.26	4.27	1.37	3.73	5.85	0.078911	7.61	7.36	6.45	2.27
priaruggiaR	1.2	PR-1bis	Q500	62.00	1.70	2.98	3.15	0.17	4.27	1.29	3.87	6.13	0.078909	7.87	7.88	6.45	2.27
priaruggiaR	1.12	PR-1.1	Q50	45.00	1.29	4.01	5.68	1.67	5.68	1.67	3.25	4.49	0.006856	3.08	14.61	5.54	0.61
priaruggiaR	1.12	PR-1.1	Q200	56.00	1.29	4.52	5.68	1.16	5.68	1.16	3.55	5.04	0.006645	3.21	17.43	5.54	0.58
priaruggiaR	1.12	PR-1.1	Q500	62.00	1.29	4.80	5.68	0.88	5.68	0.88	3.70	5.34	0.006481	3.26	19.03	5.54	0.56

HEC-RAS Plan: priadef River: priaruggiarampa Reach: priaruggiaR (Continued)

Reach	River Sta		Profile	Q Total	Min Ch El	W.S. Elev	LOB Elev	L. Freeboard	ROB Elev	R. Freeboard	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)	(m)	(m/m)	(m/s)	(m2)	(m)	
priaruggiaR	1.11	PR-1.1	Q50	45.00	1.29	4.00	5.68	1.68	5.68	1.68	3.26	4.49	0.006894	3.09	14.58	5.54	0.61
priaruggiaR	1.11	PR-1.1	Q200	56.00	1.29	4.51	5.68	1.17	5.68	1.17	3.55	5.04	0.006675	3.22	17.40	5.54	0.58
priaruggiaR	1.11	PR-1.1	Q500	62.00	1.29	4.80	5.68	0.88	5.68	0.88	3.70	5.34	0.006507	3.26	19.00	5.54	0.56
priaruggiaR	1.1																
priaruggiaR	1.1			Bridge													
priaruggiaR	1	PR-1	Q50	45.00	1.29	3.26	5.68	2.42	5.68	2.42	3.26	4.20	0.017114	4.30	10.45	5.54	1.00
priaruggiaR	1	PR-1	Q200	56.00	1.29	3.54	5.68	2.14	5.68	2.14	3.54	4.64	0.017865	4.65	12.06	5.54	1.01
priaruggiaR	1	PR-1	Q500	62.00	1.29	3.70	5.68	1.98	5.68	1.98	3.70	4.87	0.018053	4.79	12.94	5.54	1.00