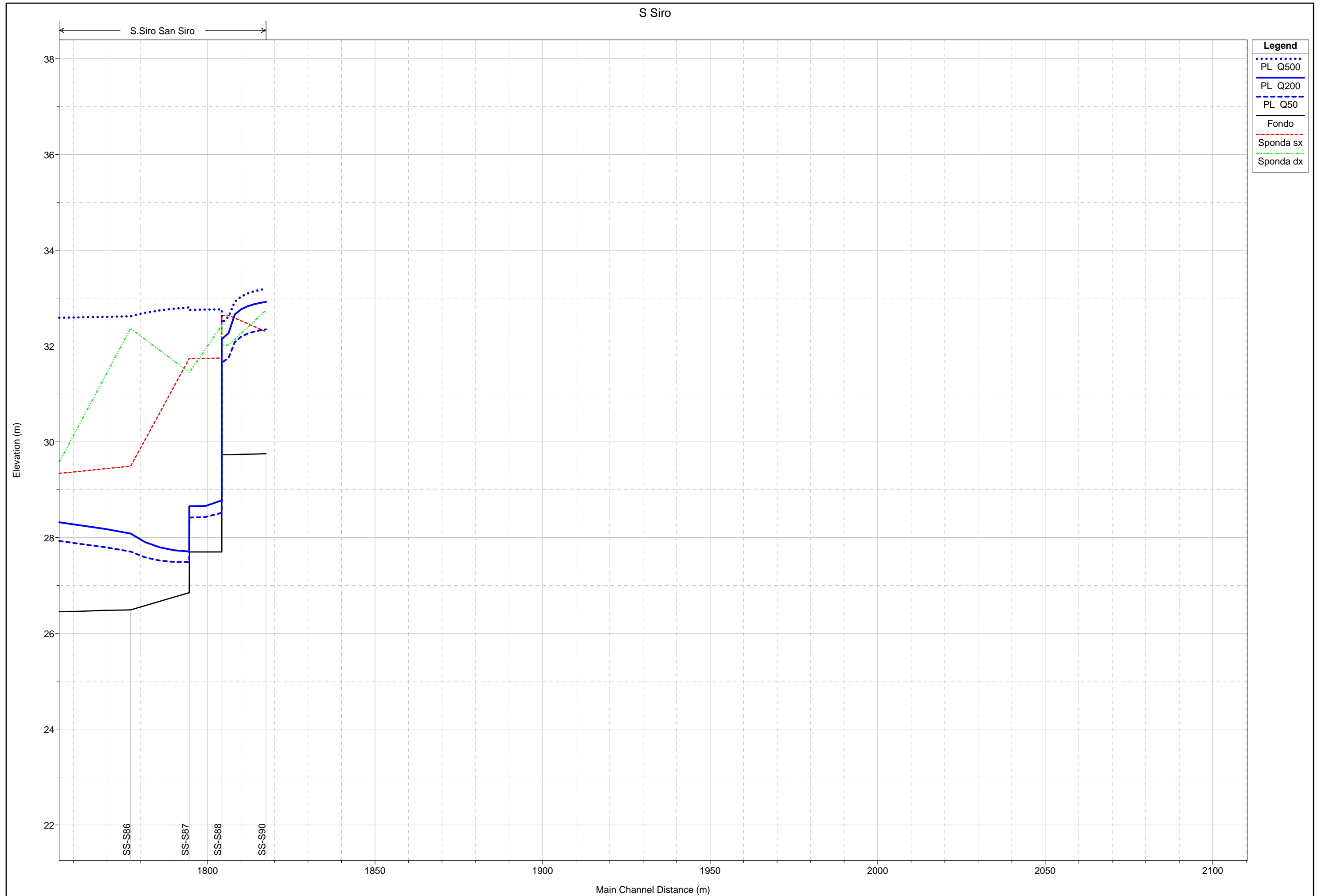


Torrente San Siro

loc. Santa Margherita

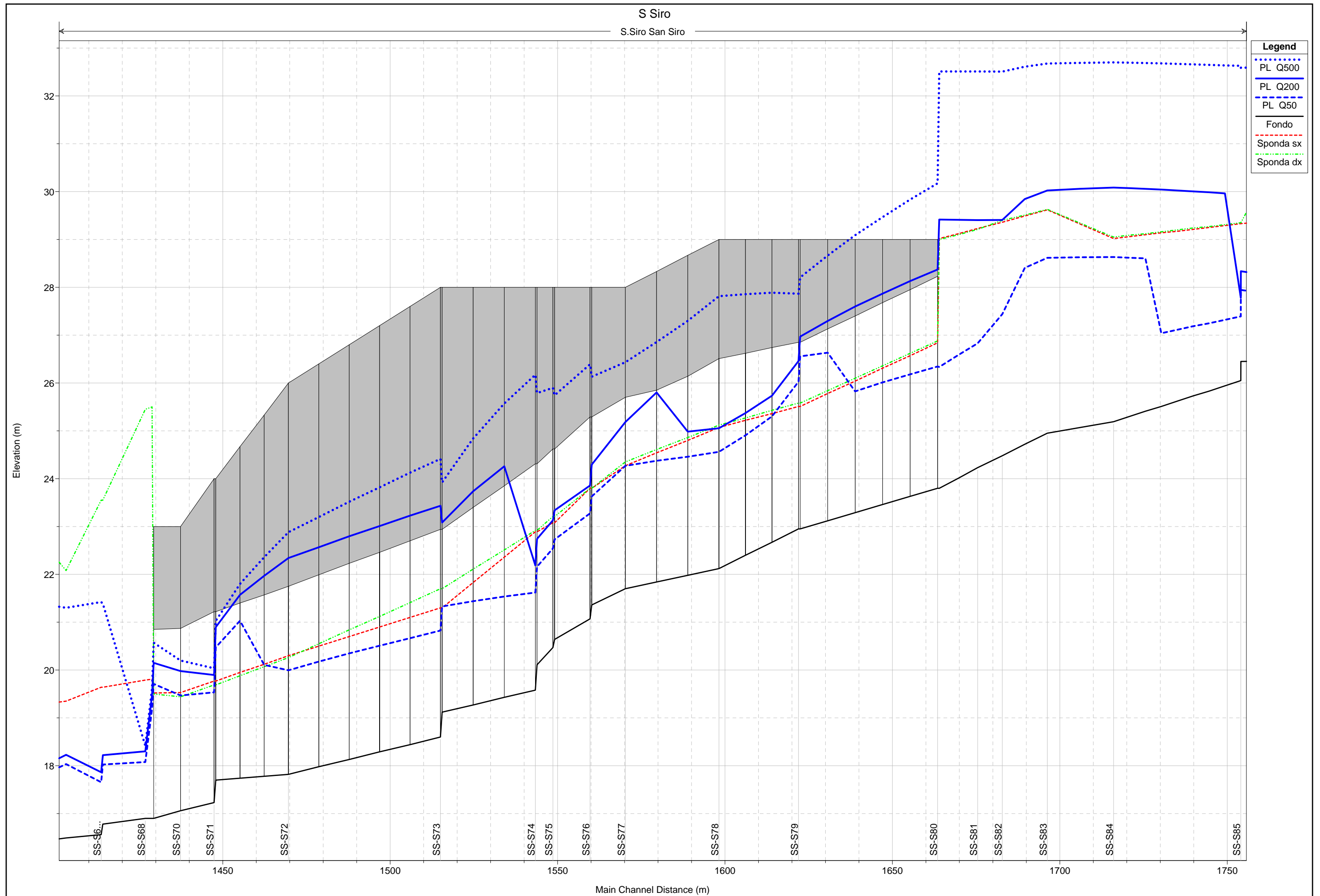
dalla sezione SS-S90 alla SS-S1

- Profili di corrente
- Sezioni idrauliche
- Tabelle dei risultati



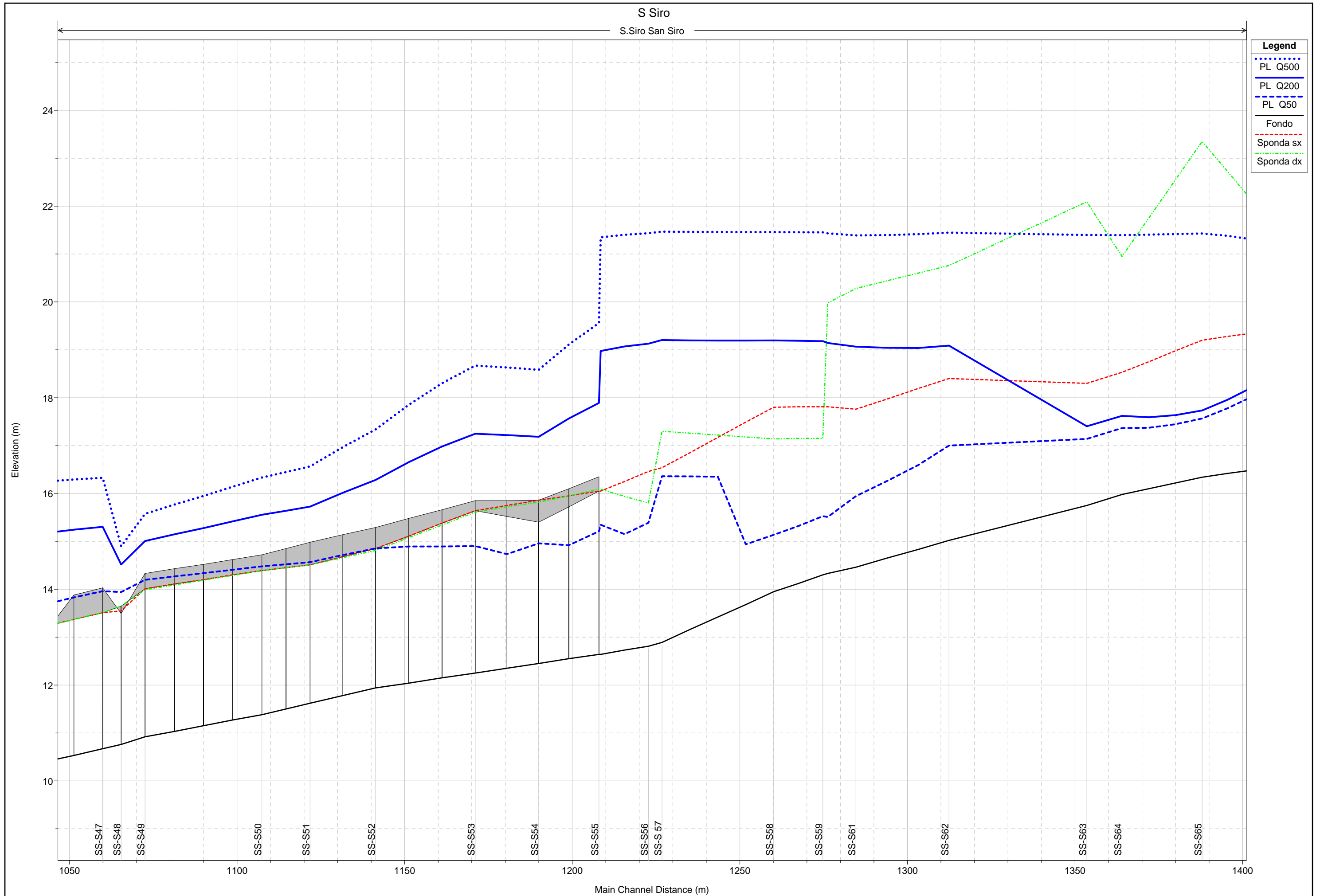
1 cm Horiz. = 10 m 1 cm Vert. = 0.7 m

Approvato con D.C.P. n. 24 del 21-03-2007



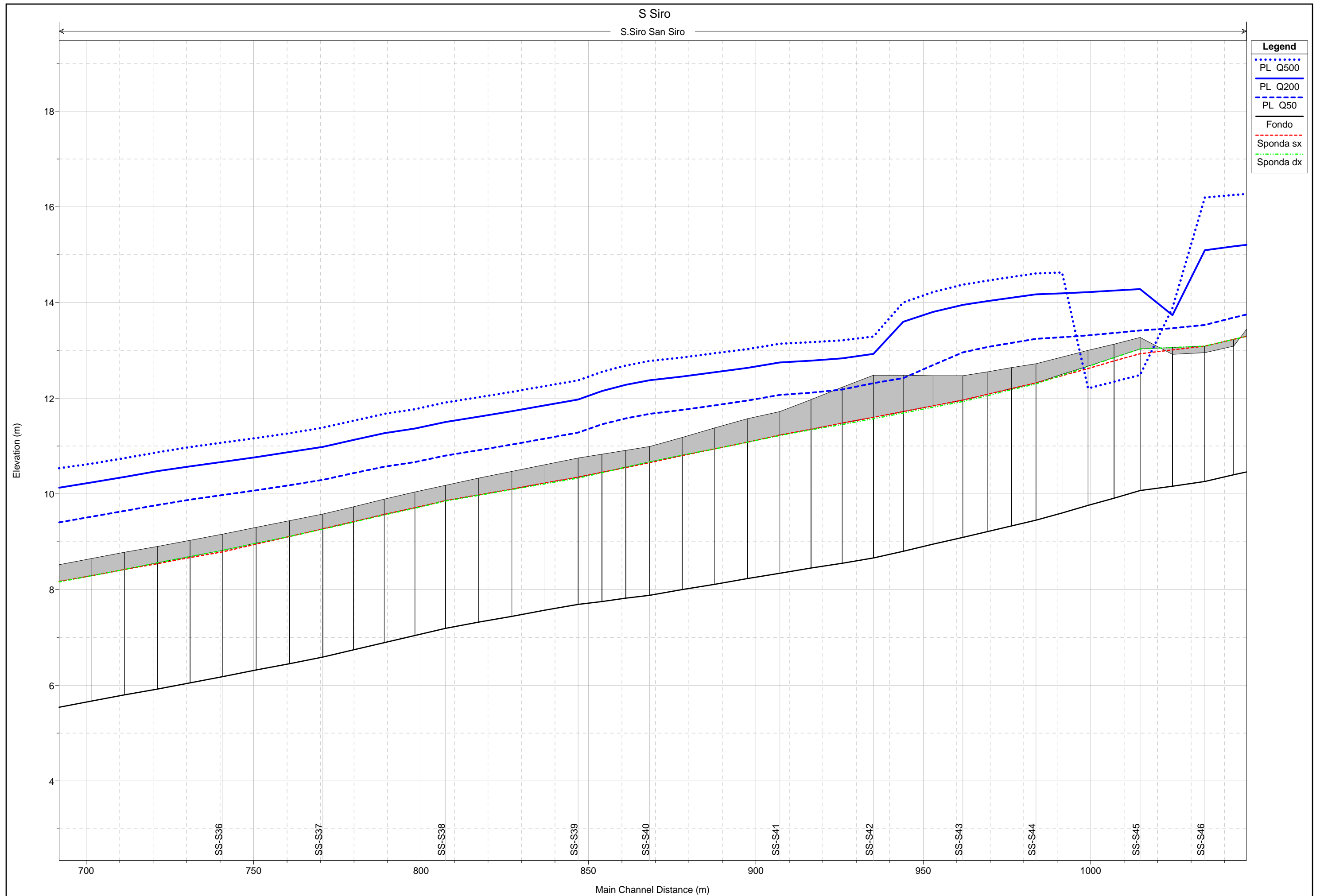
1 cm Horiz. = 10 m 1 cm Vert. = 0.7 m

Approvato con D.C.P. n. 24 del 21-03-2007



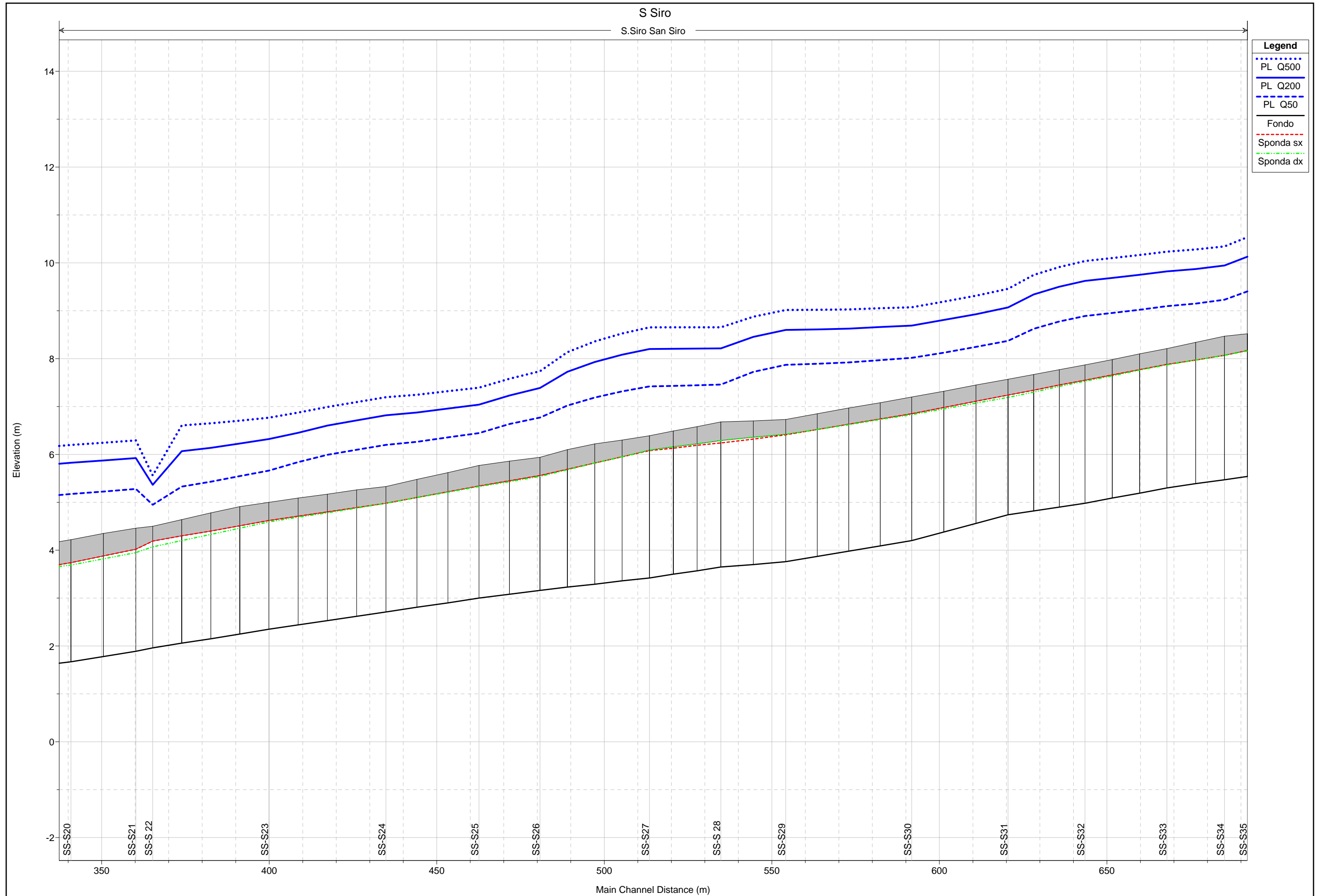
1 cm Horiz. = 10 m 1 cm Vert. = 0.7 m

Approvato con D.C.P. n. 24 del 21-03-2007



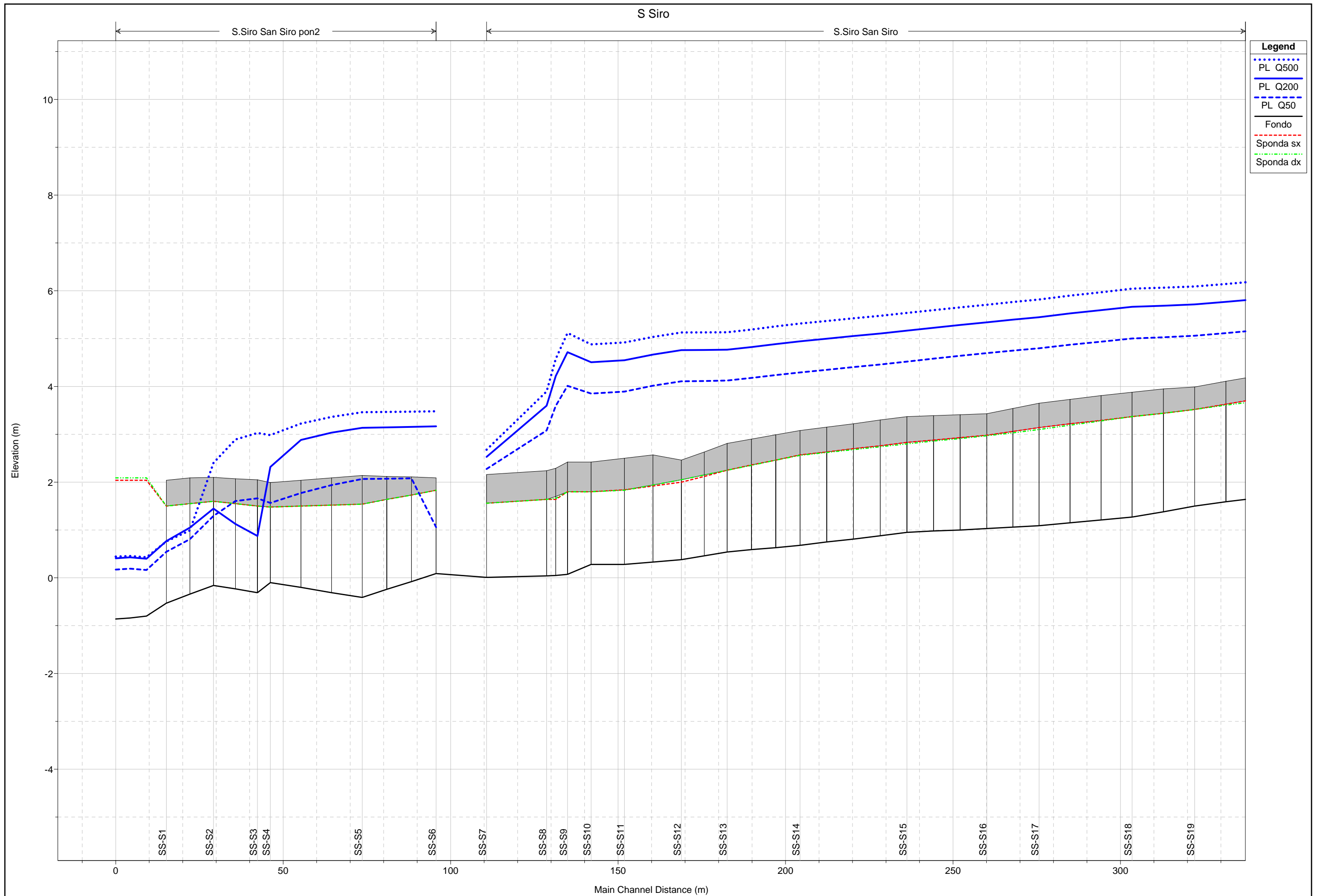
1 cm Horiz. = 10 m 1 cm Vert. = 0.7 m

Approvato con D.C.P. n. 24 del 21-03-2007



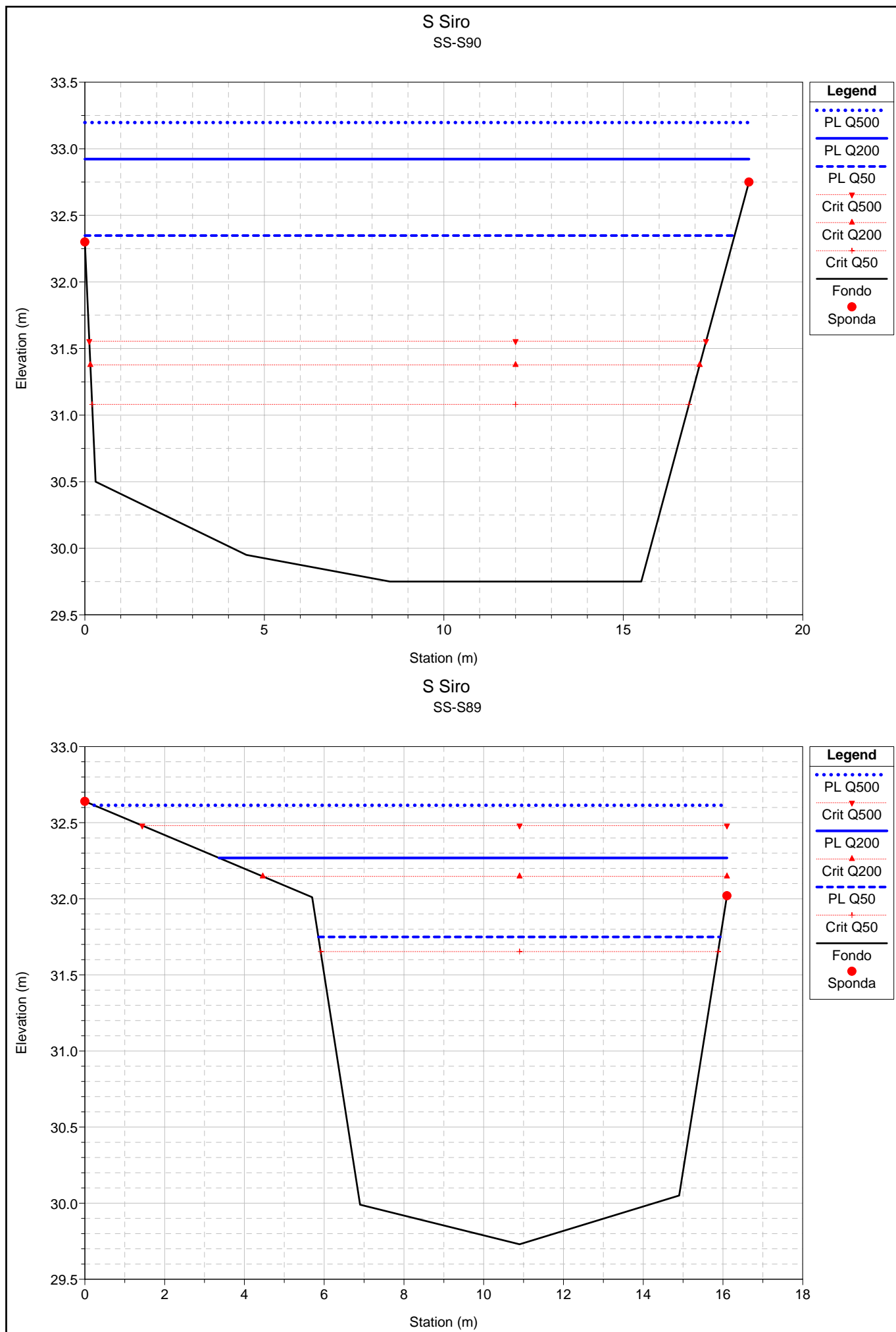
1 cm Horiz. = 10 m 1 cm Vert. = 0.7 m

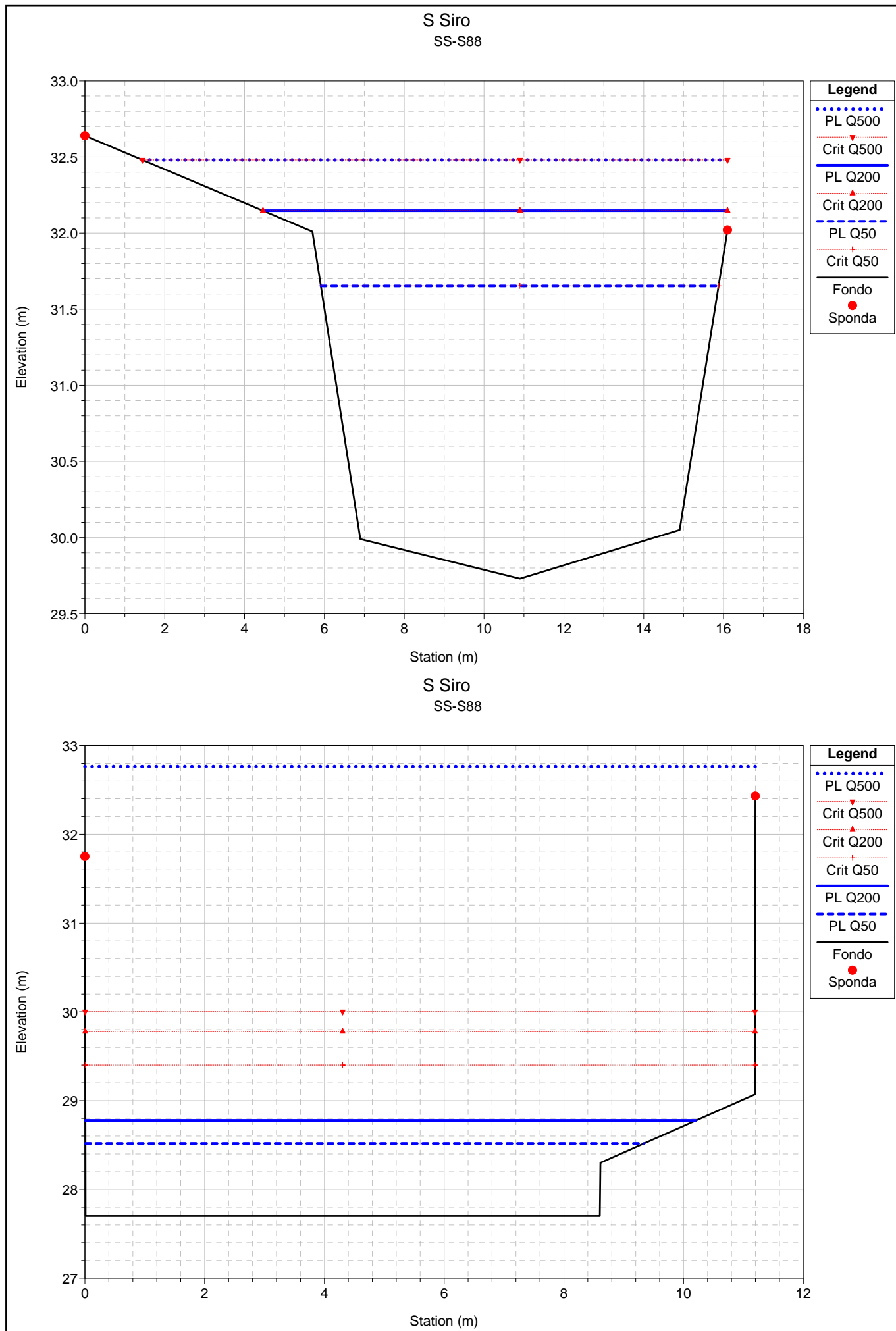
Approvato con D.C.P. n. 24 del 21-03-2007



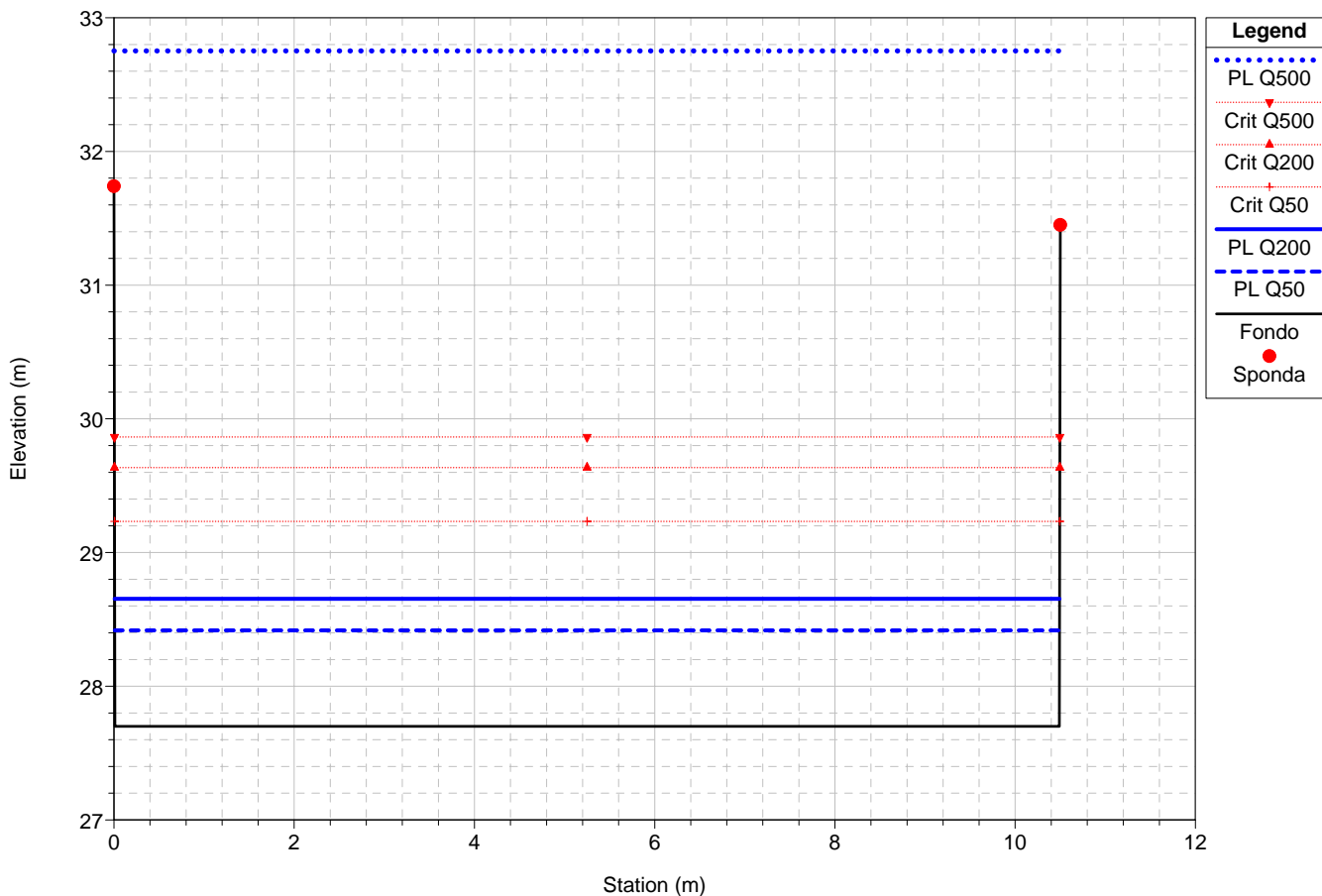
1 cm Horiz. = 10 m 1 cm Vert. = 0.7 m

Approvato con D.C.P. n. 24 del 21-03-2007

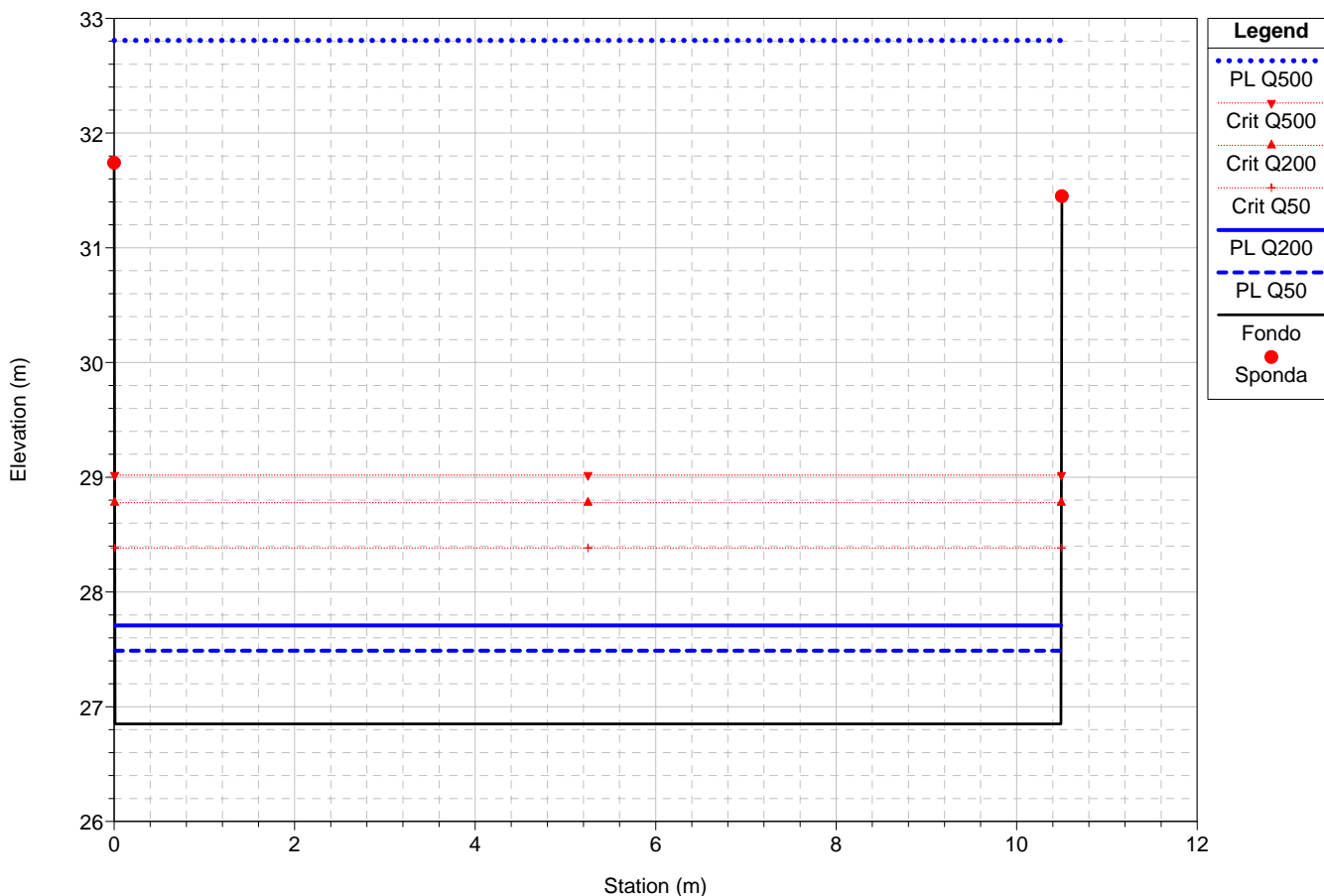


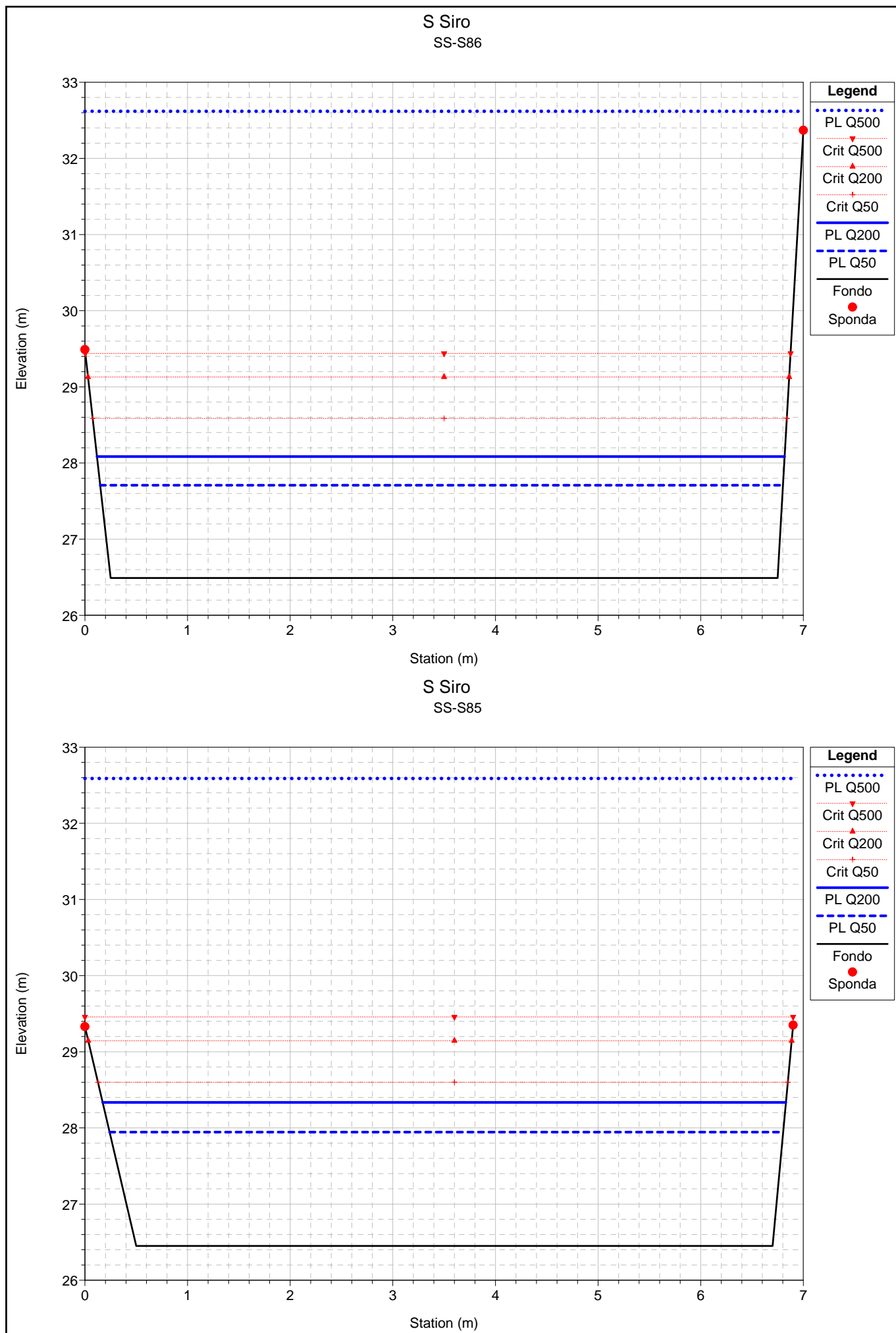


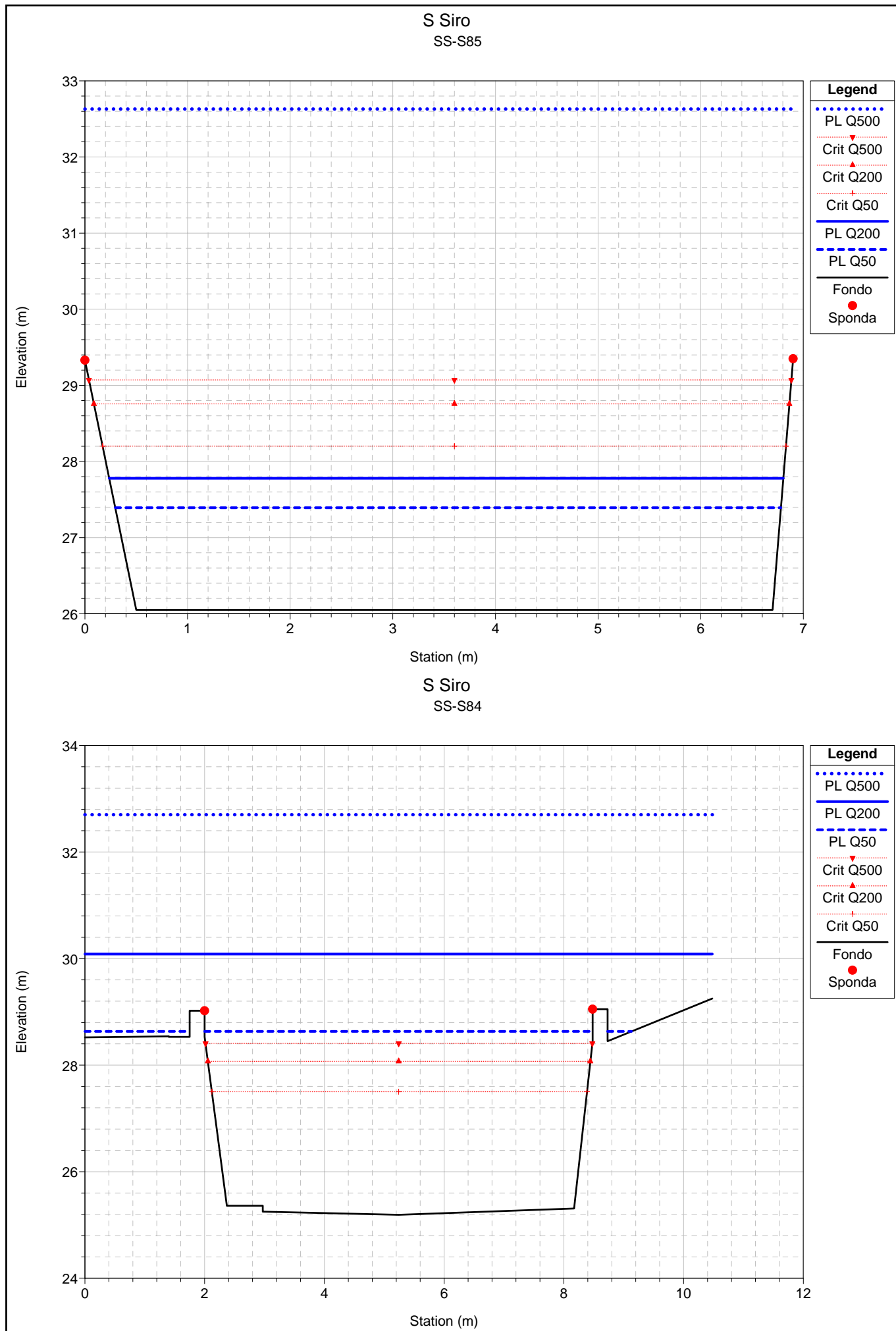
S Siro
SS-S87

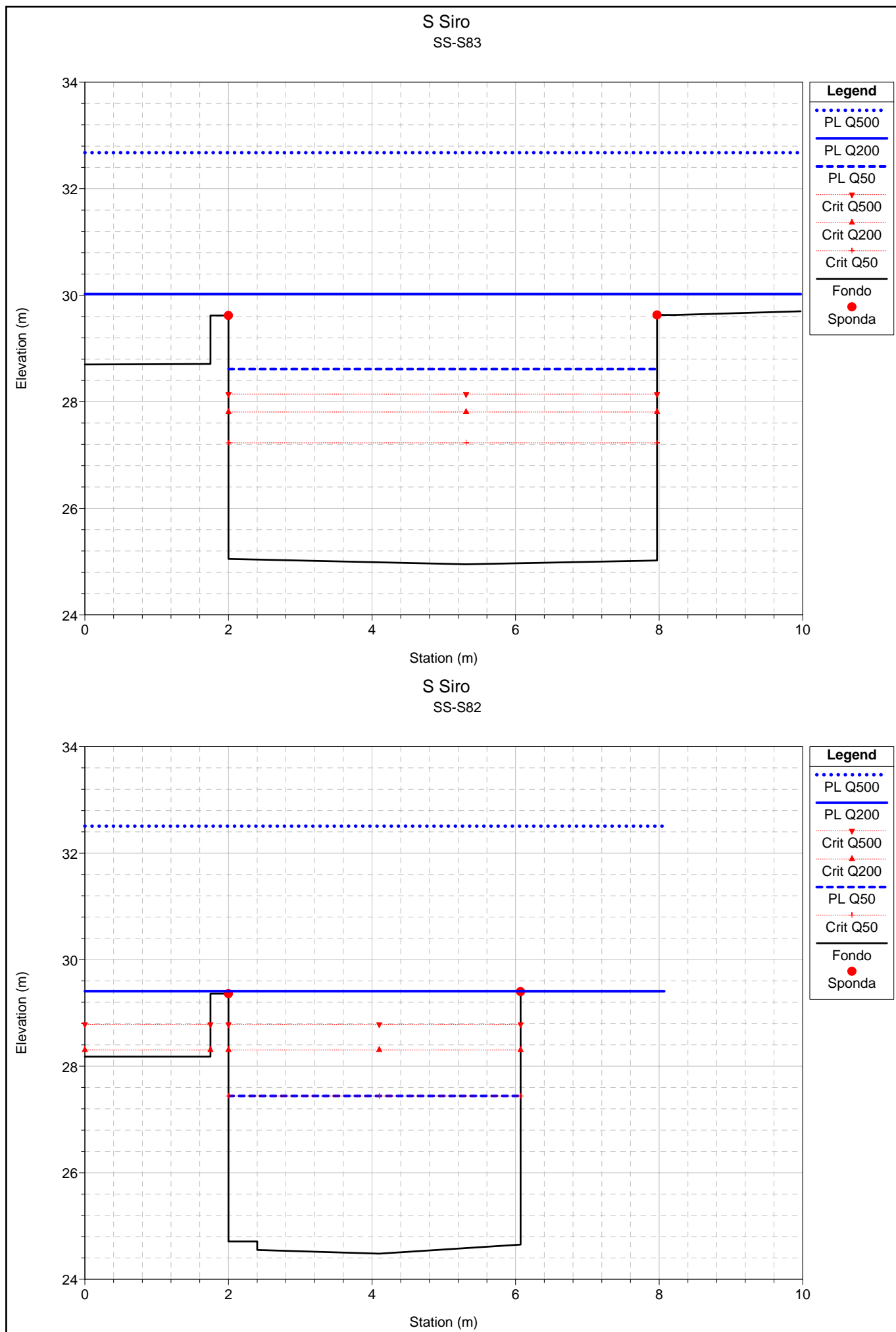


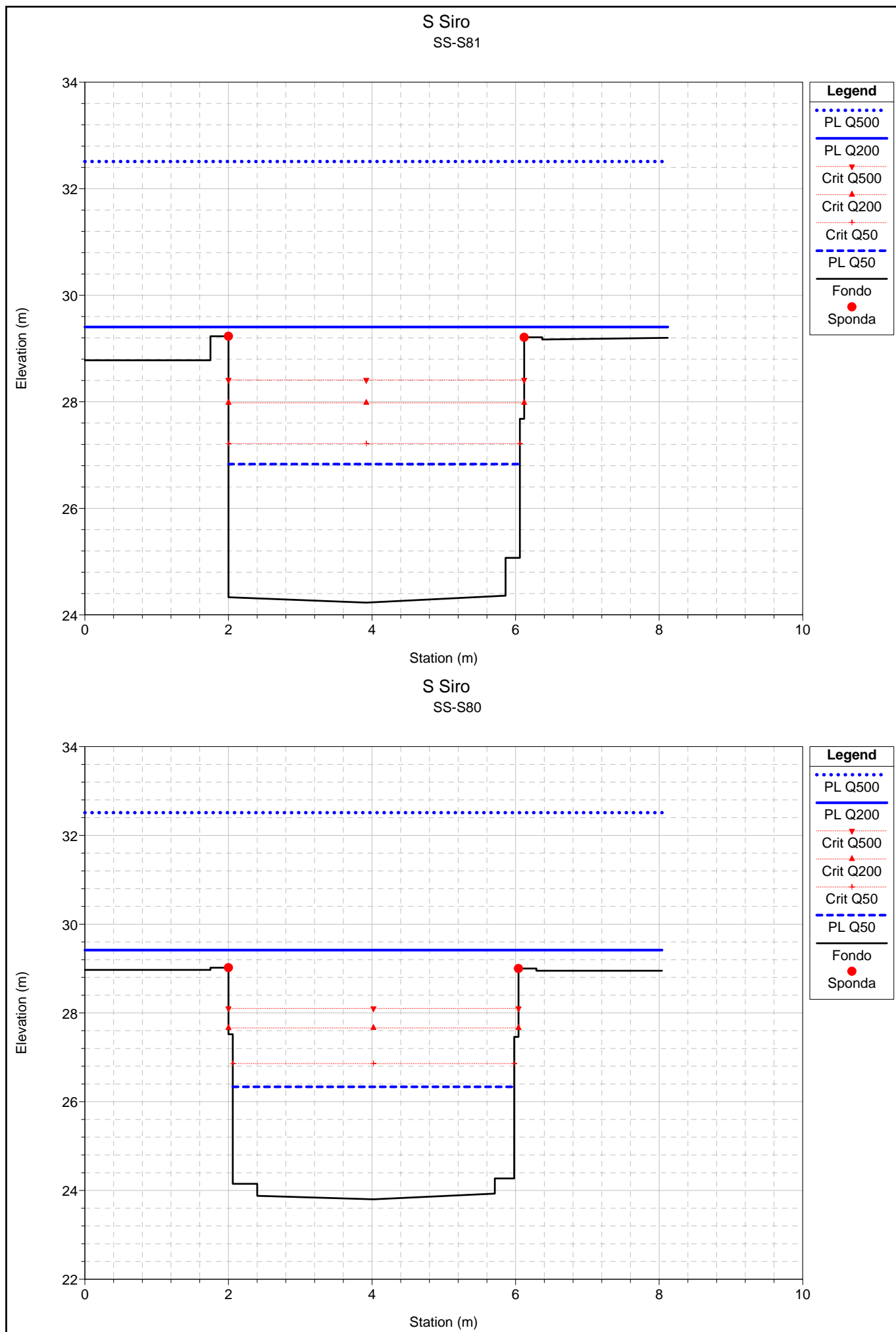
S Siro
SS-S87

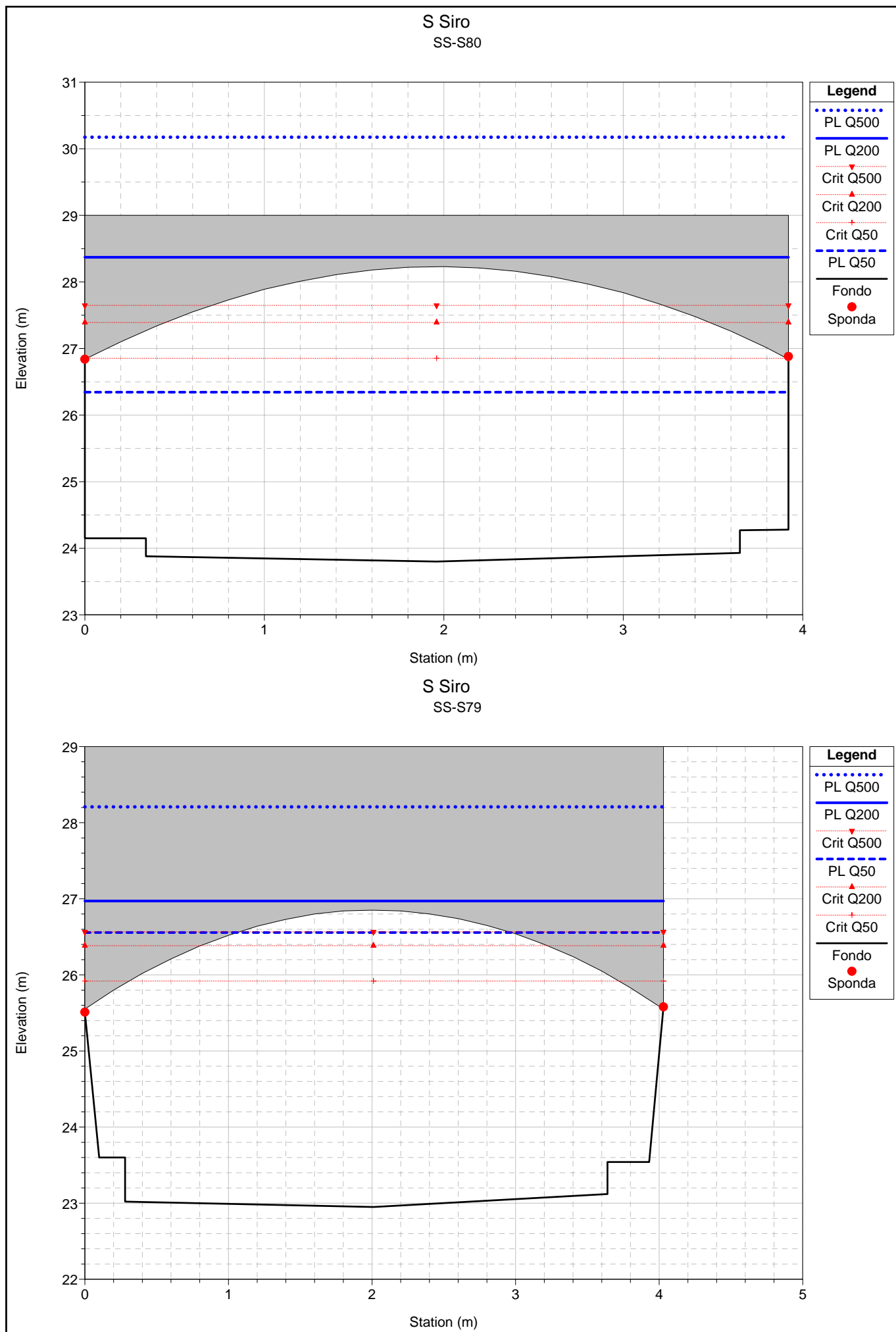


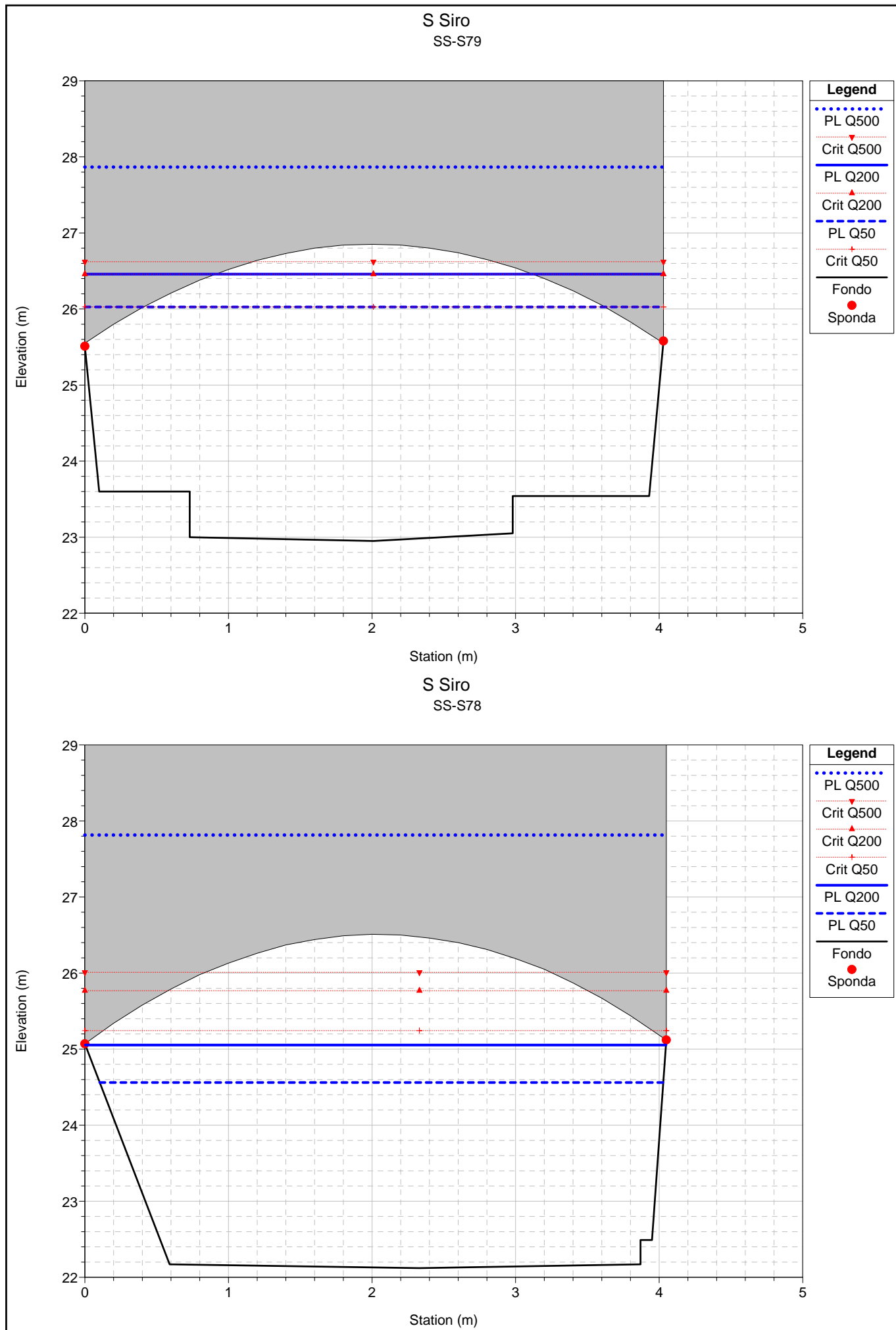


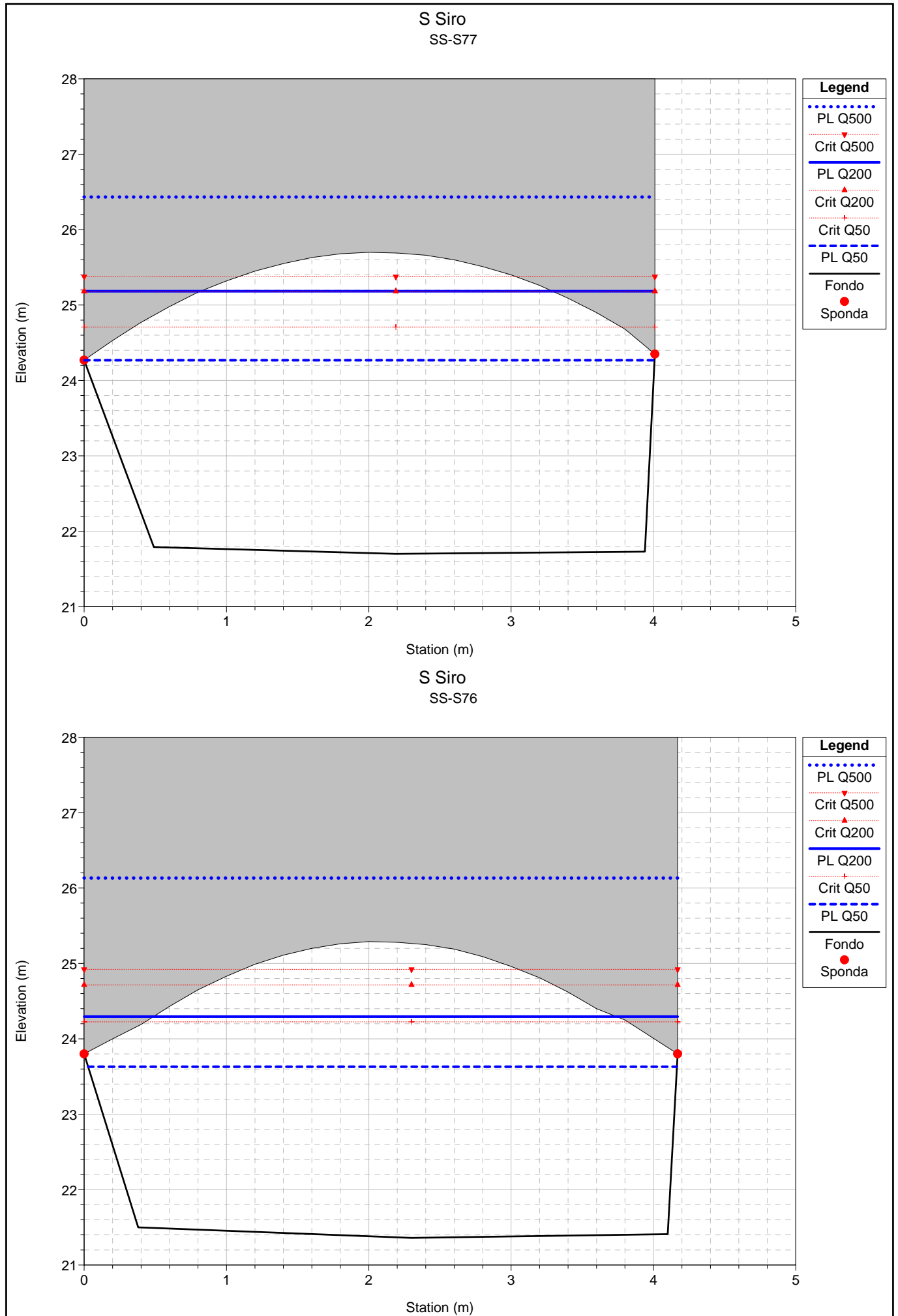


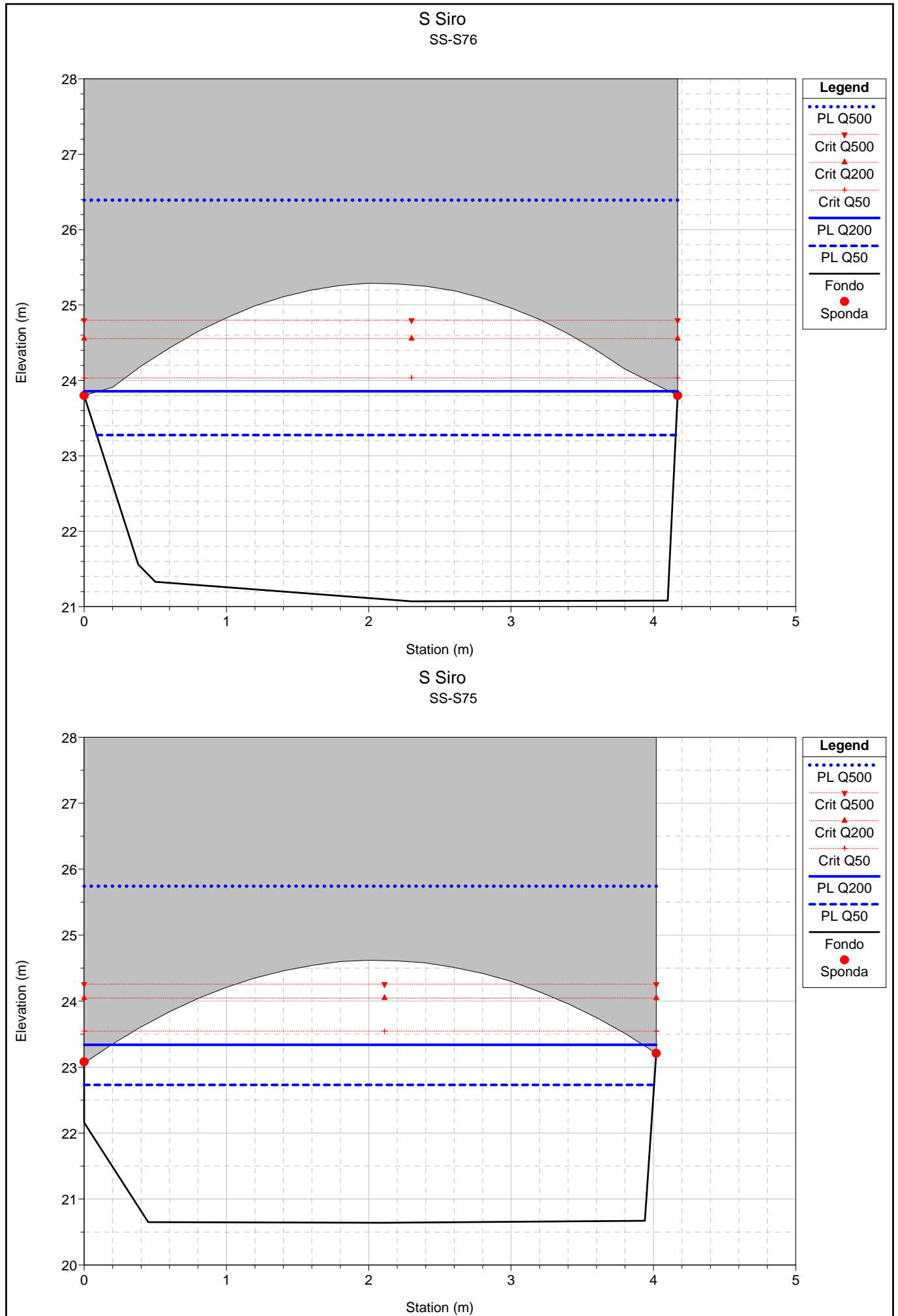


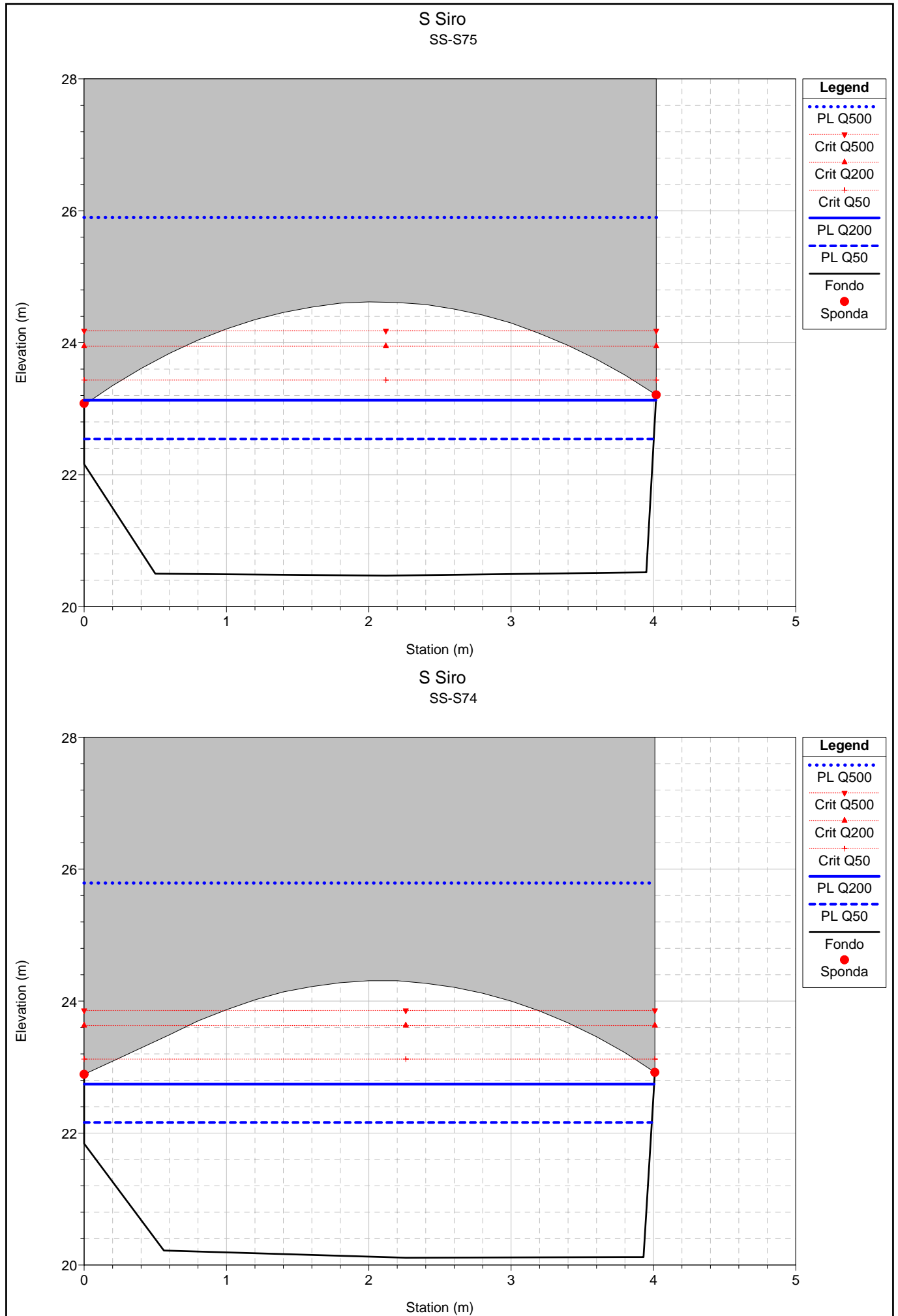


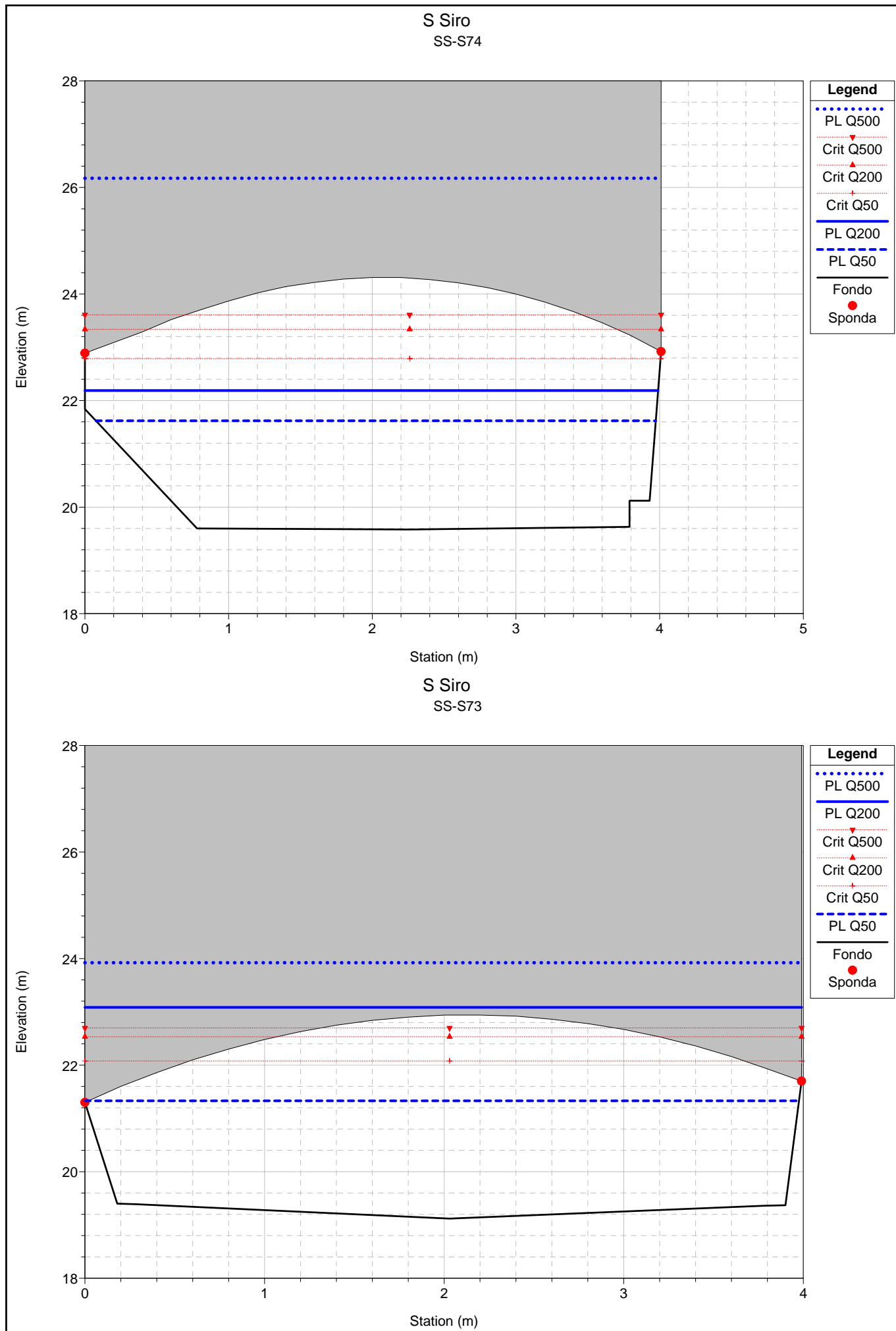


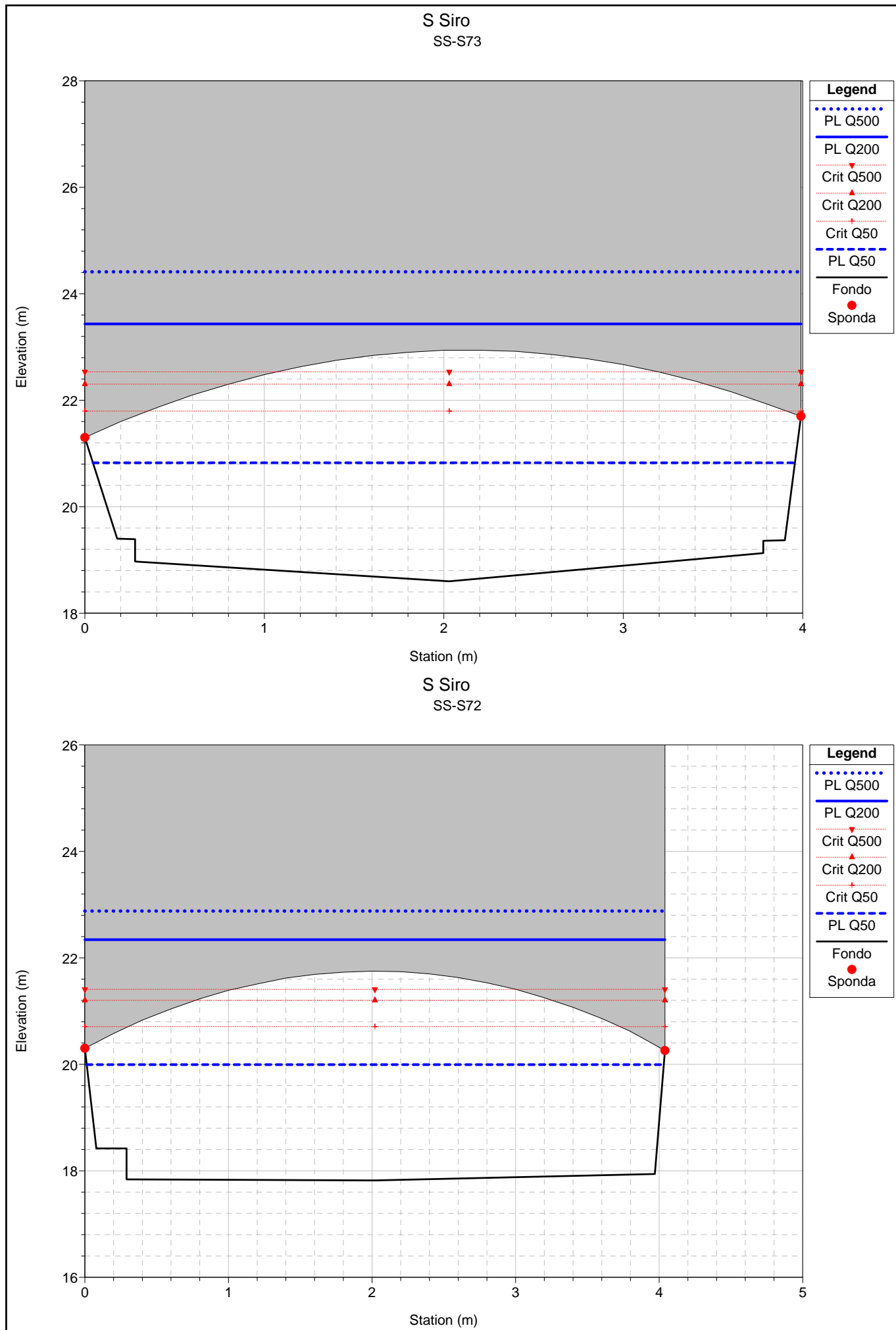


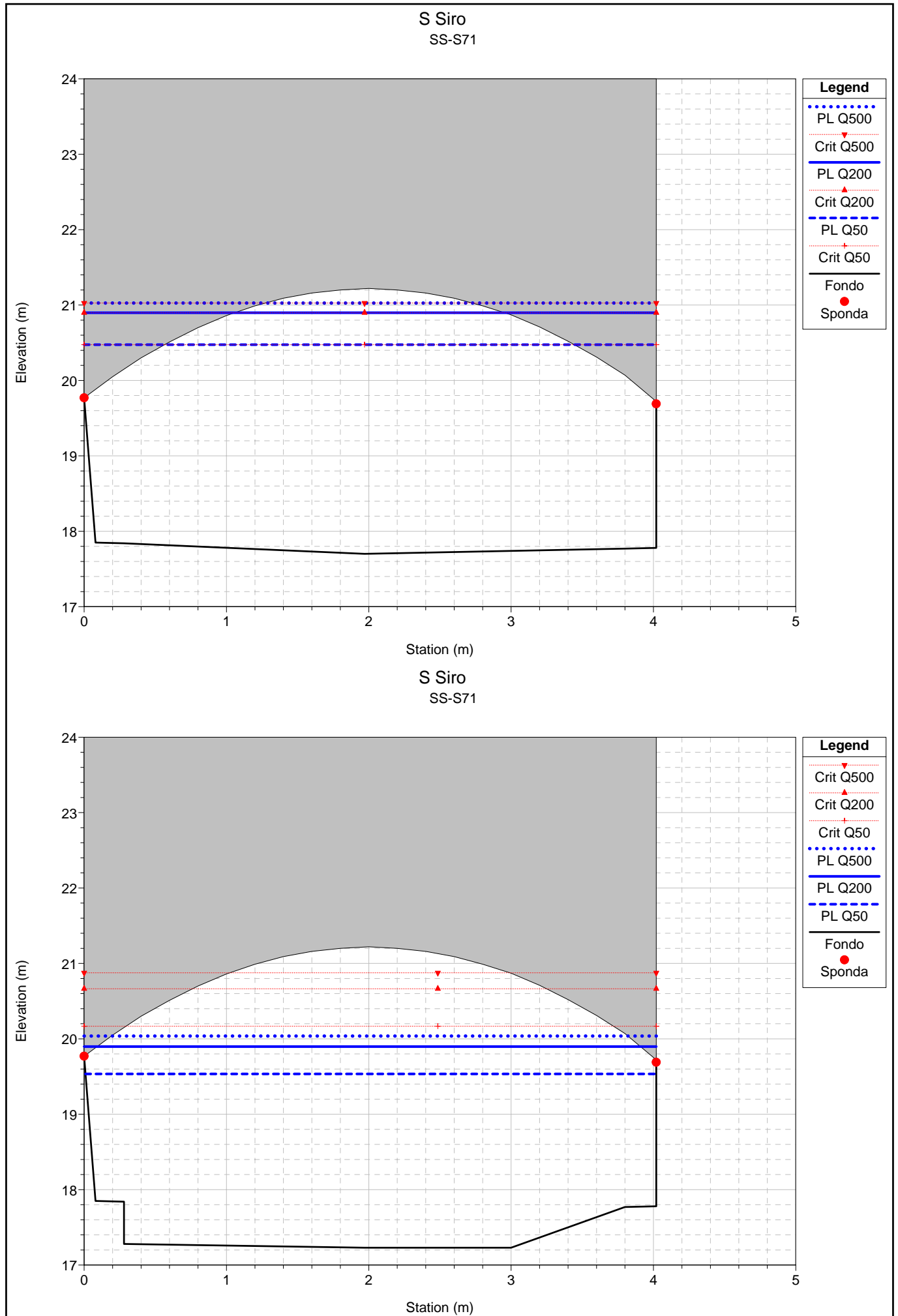


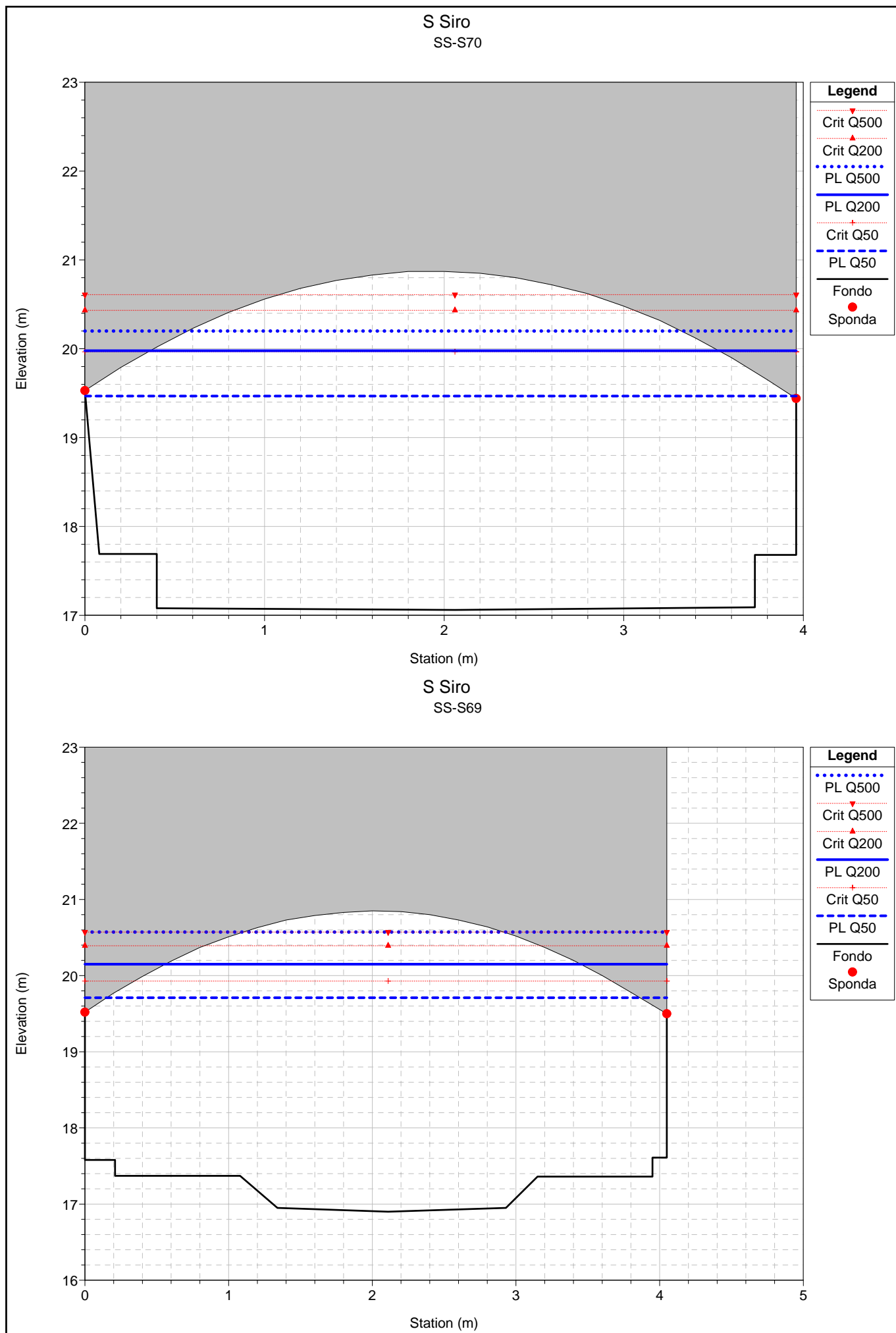


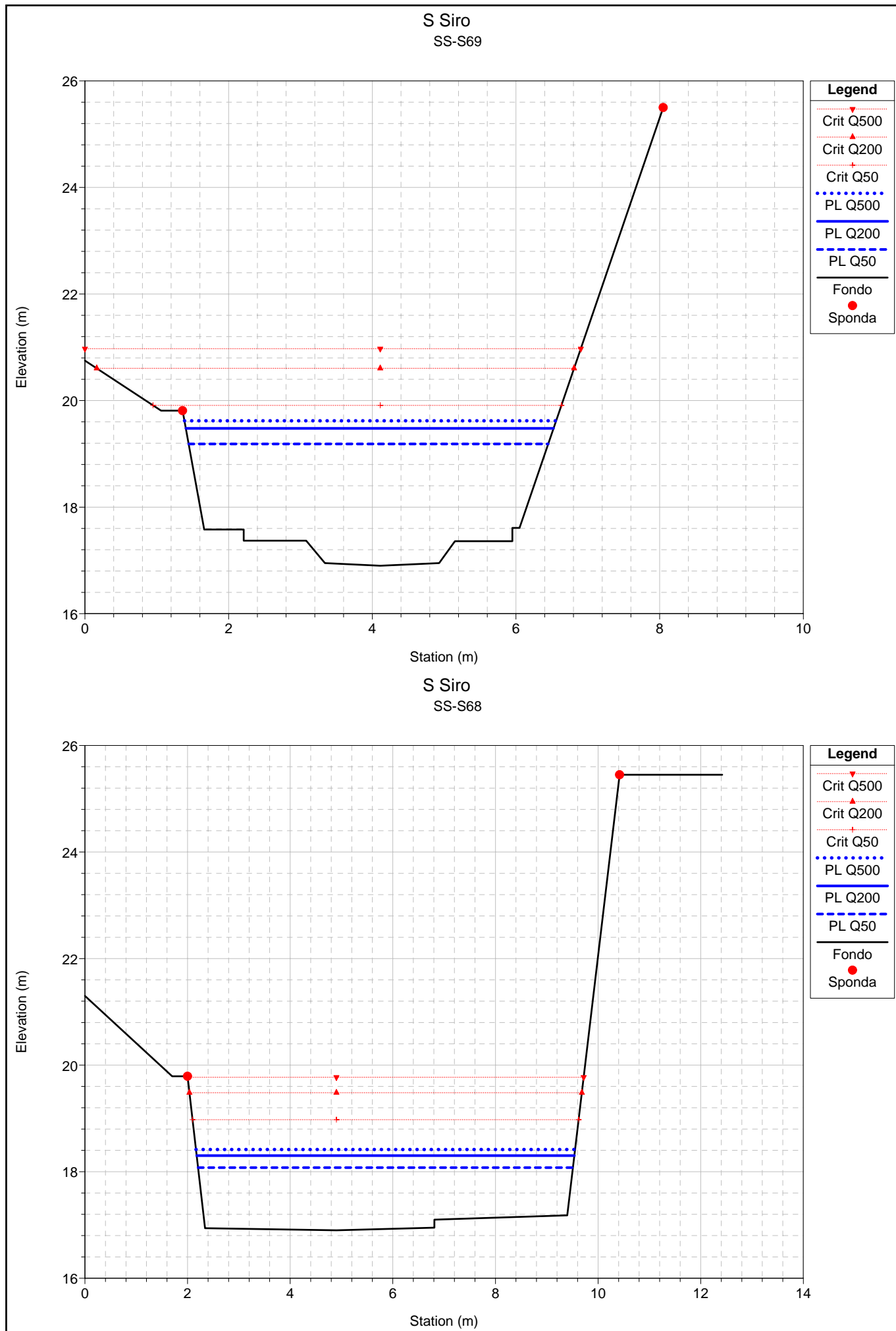




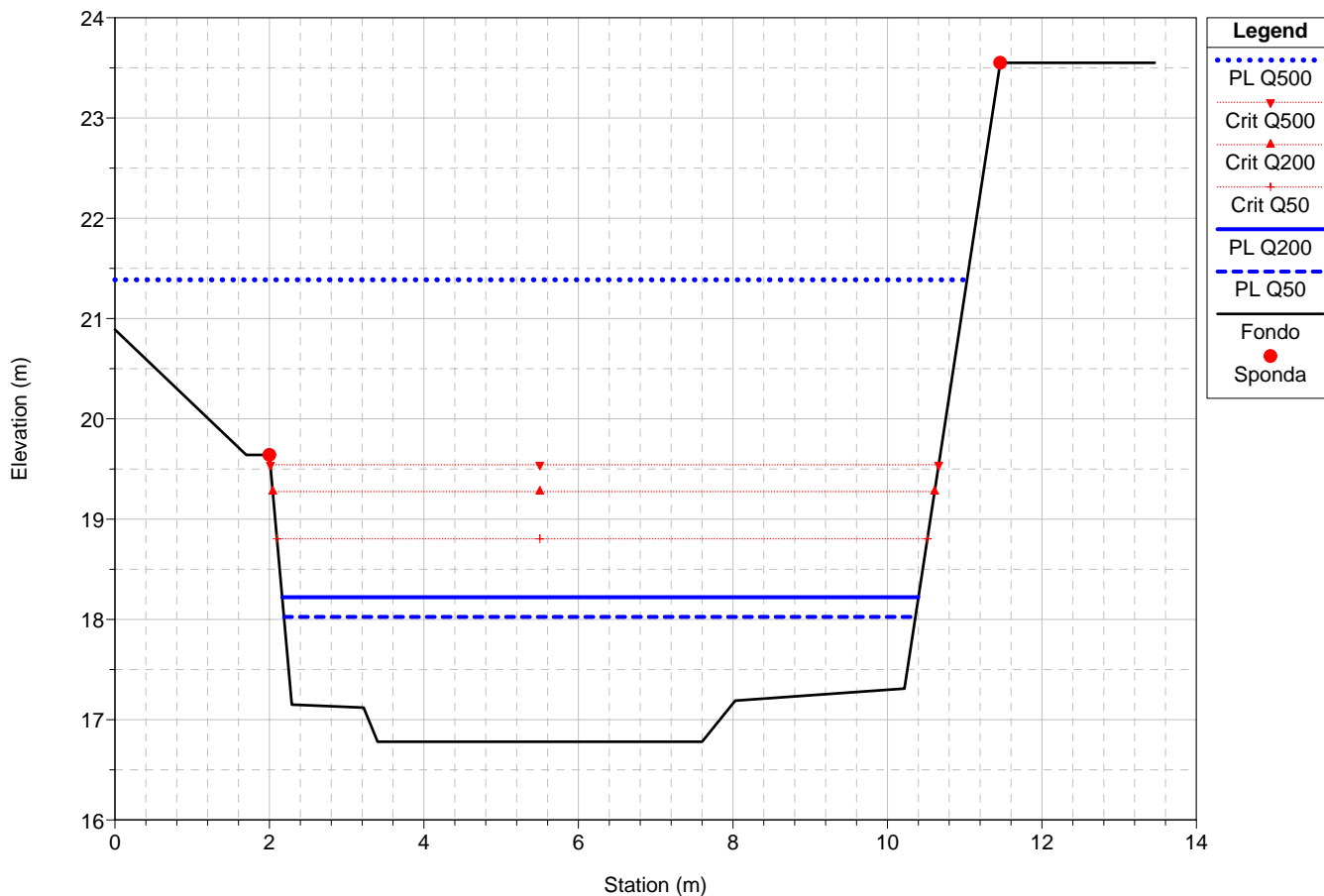




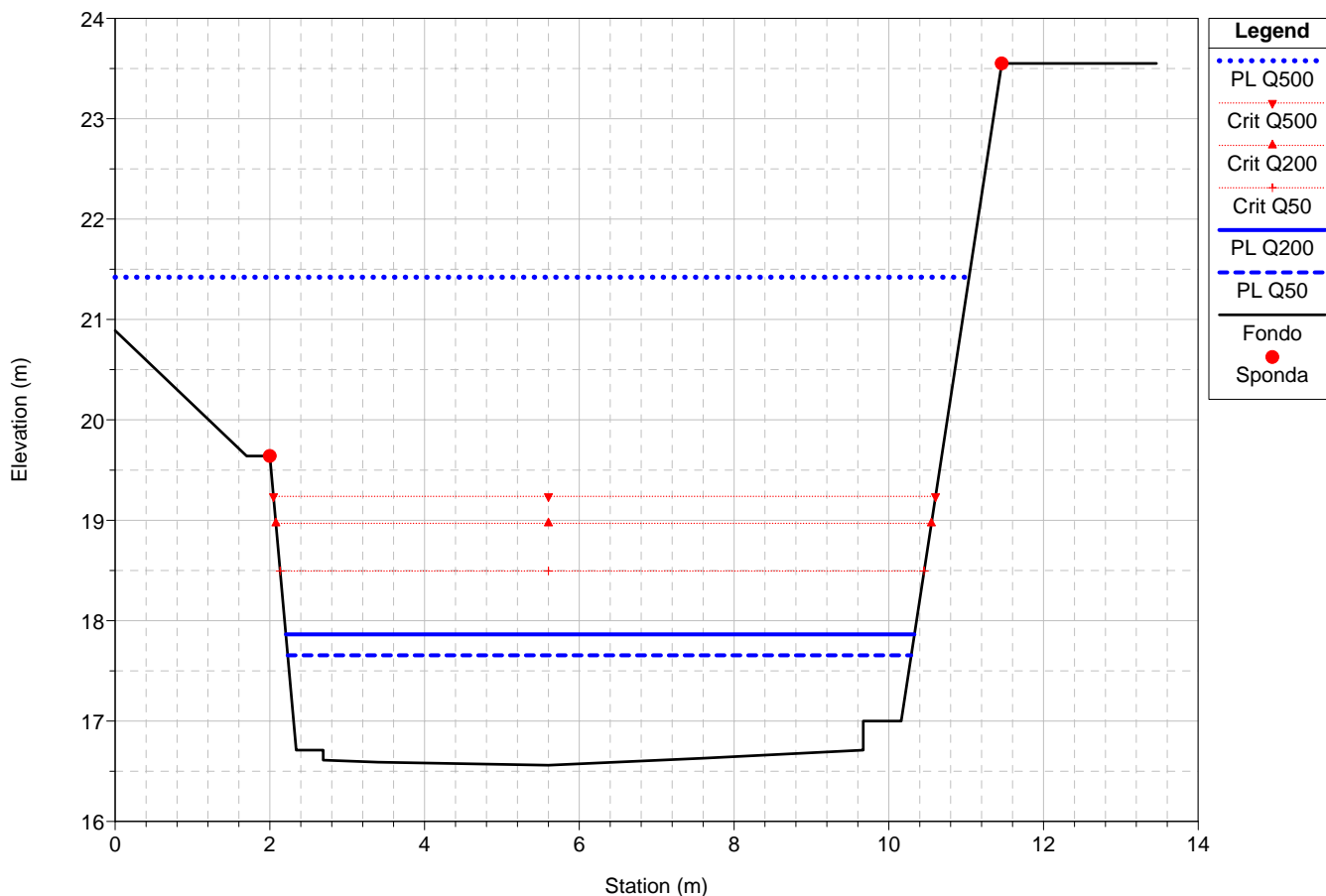


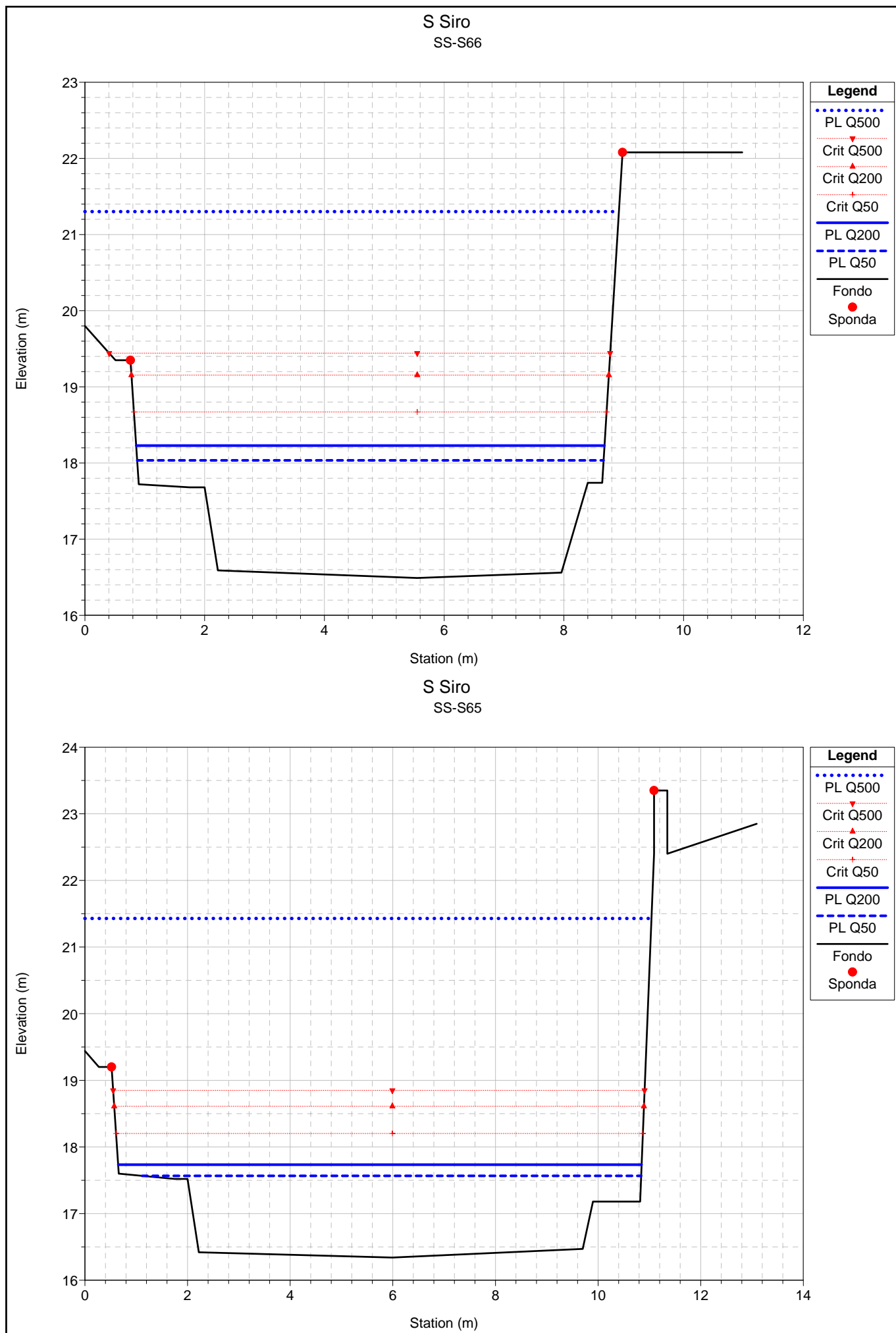


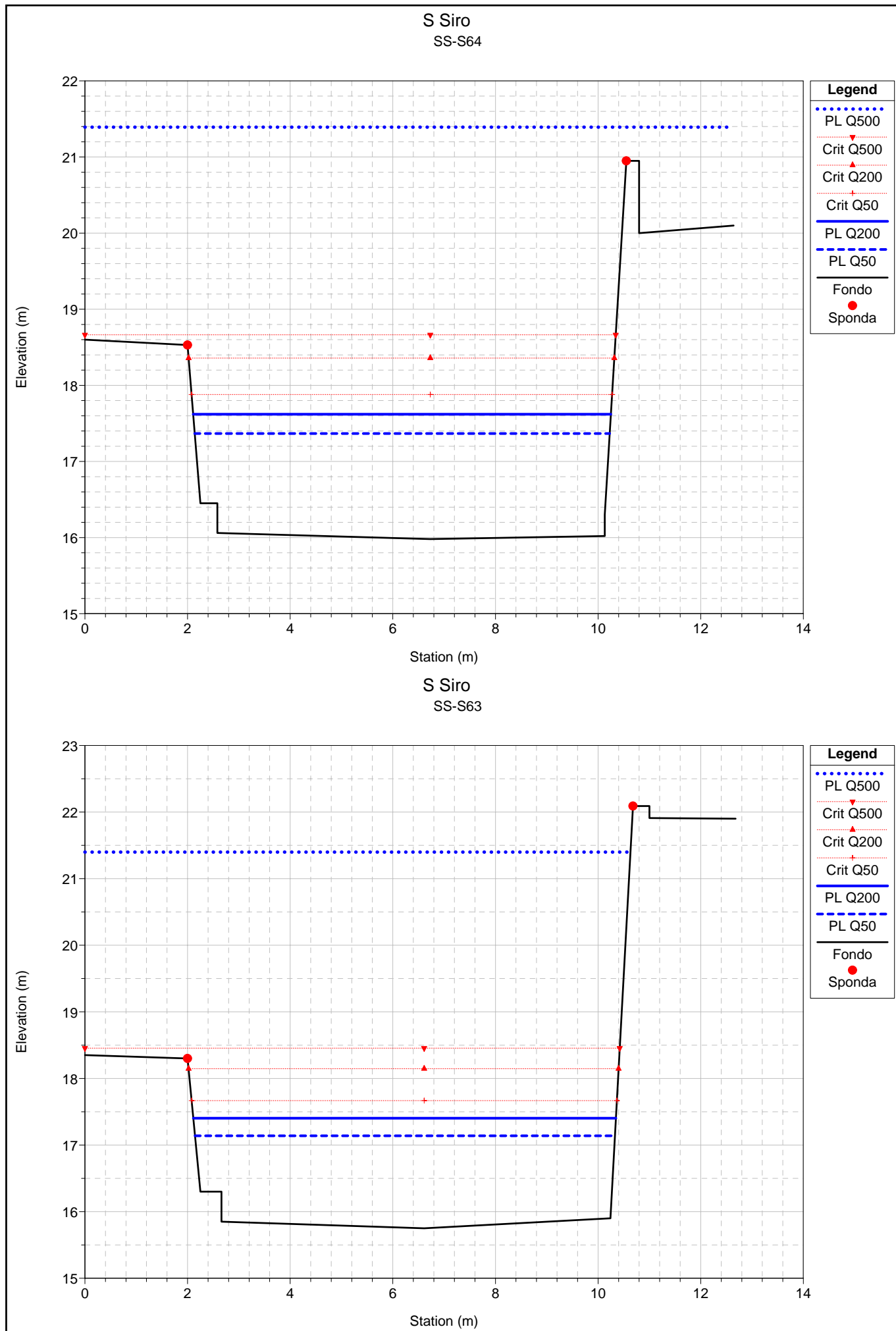
S Siro
SS-S67

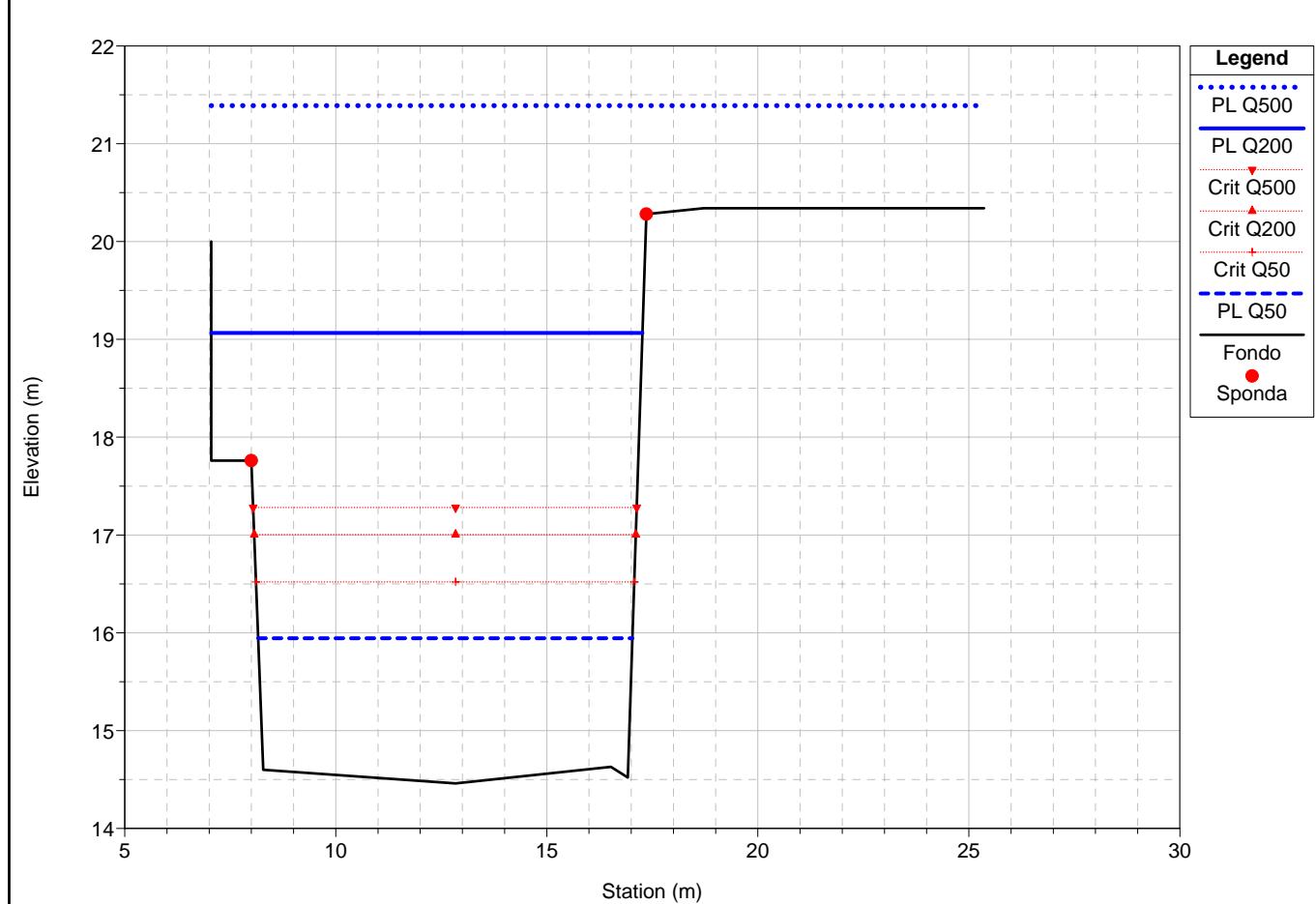
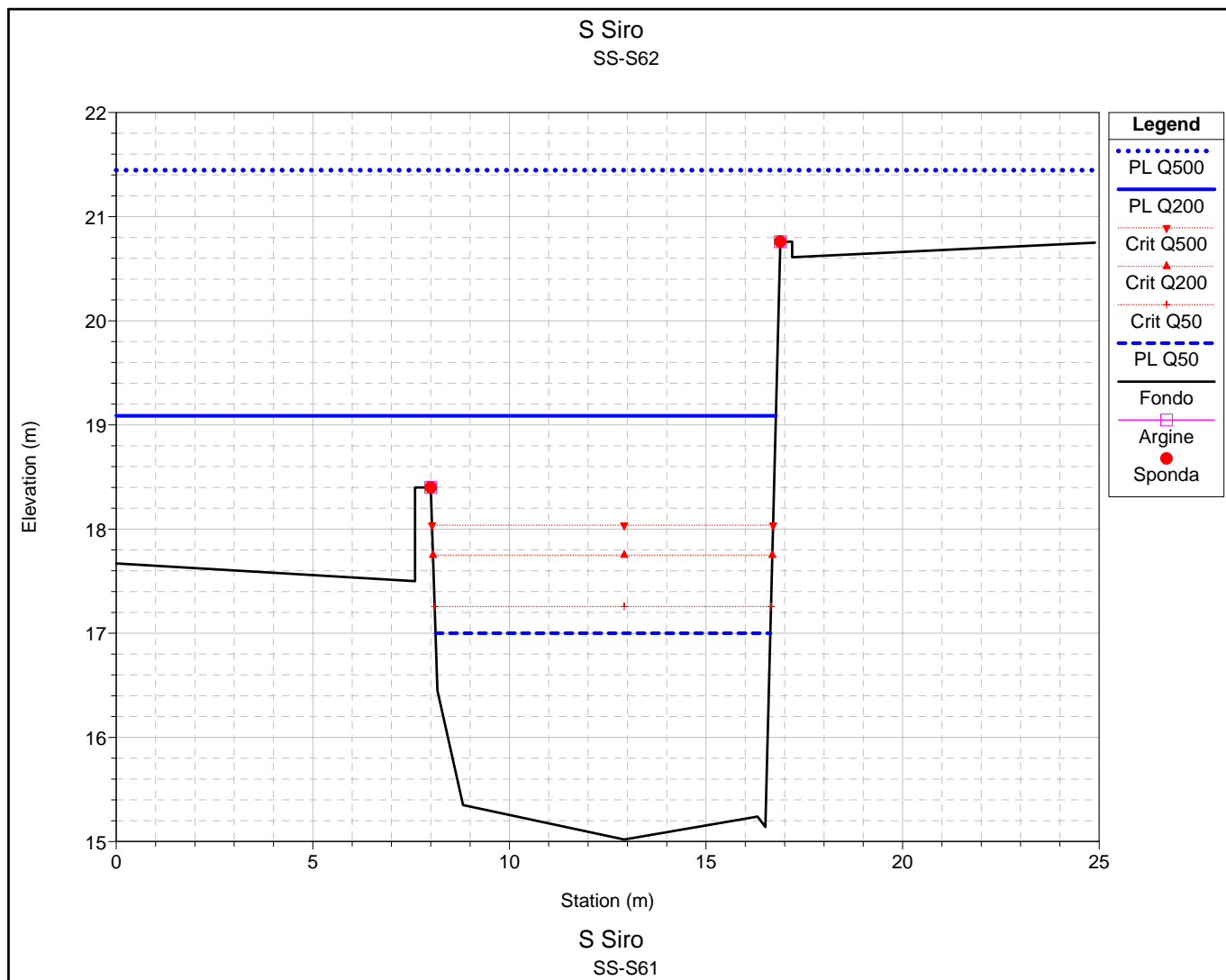


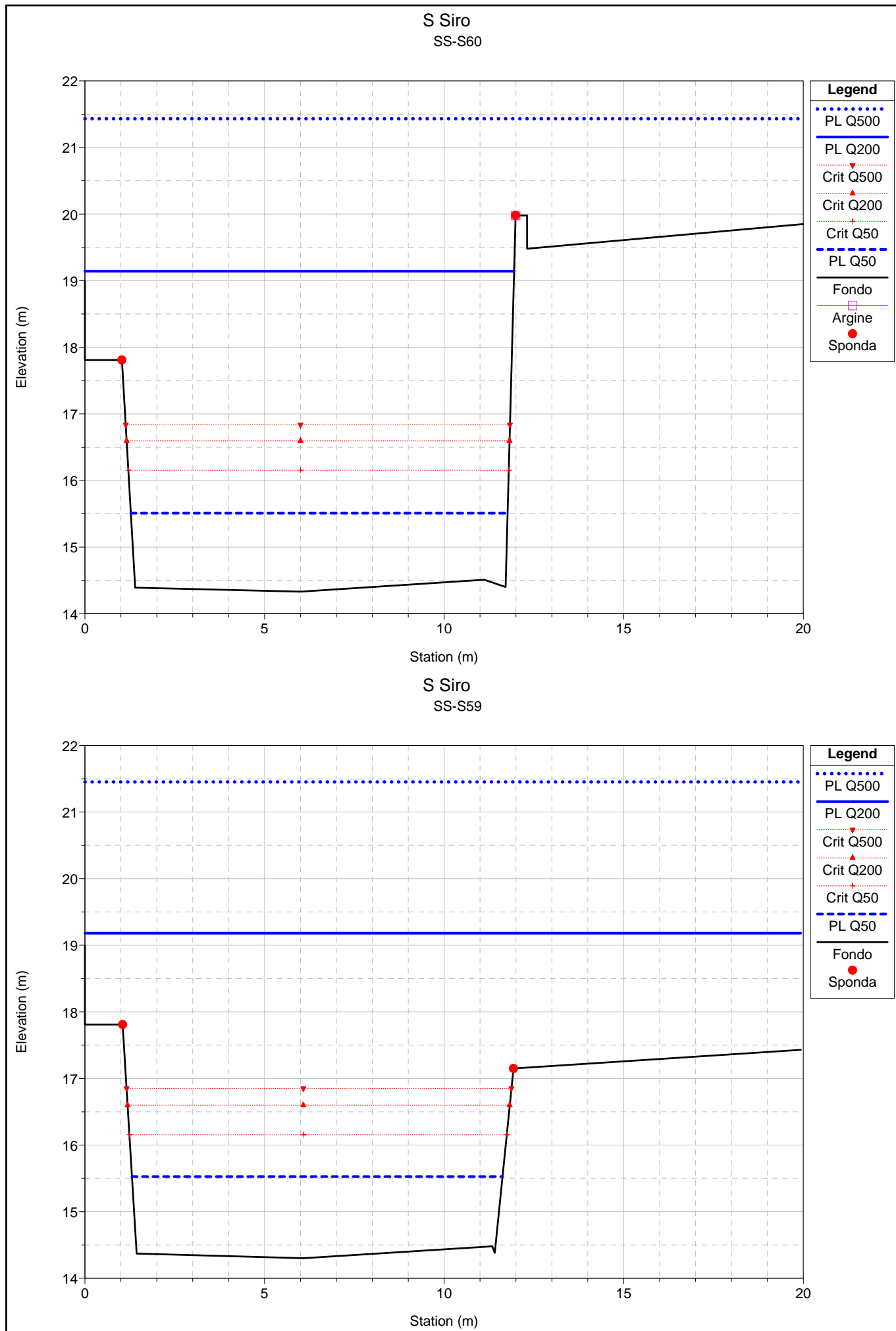
S Siro
SS-S67

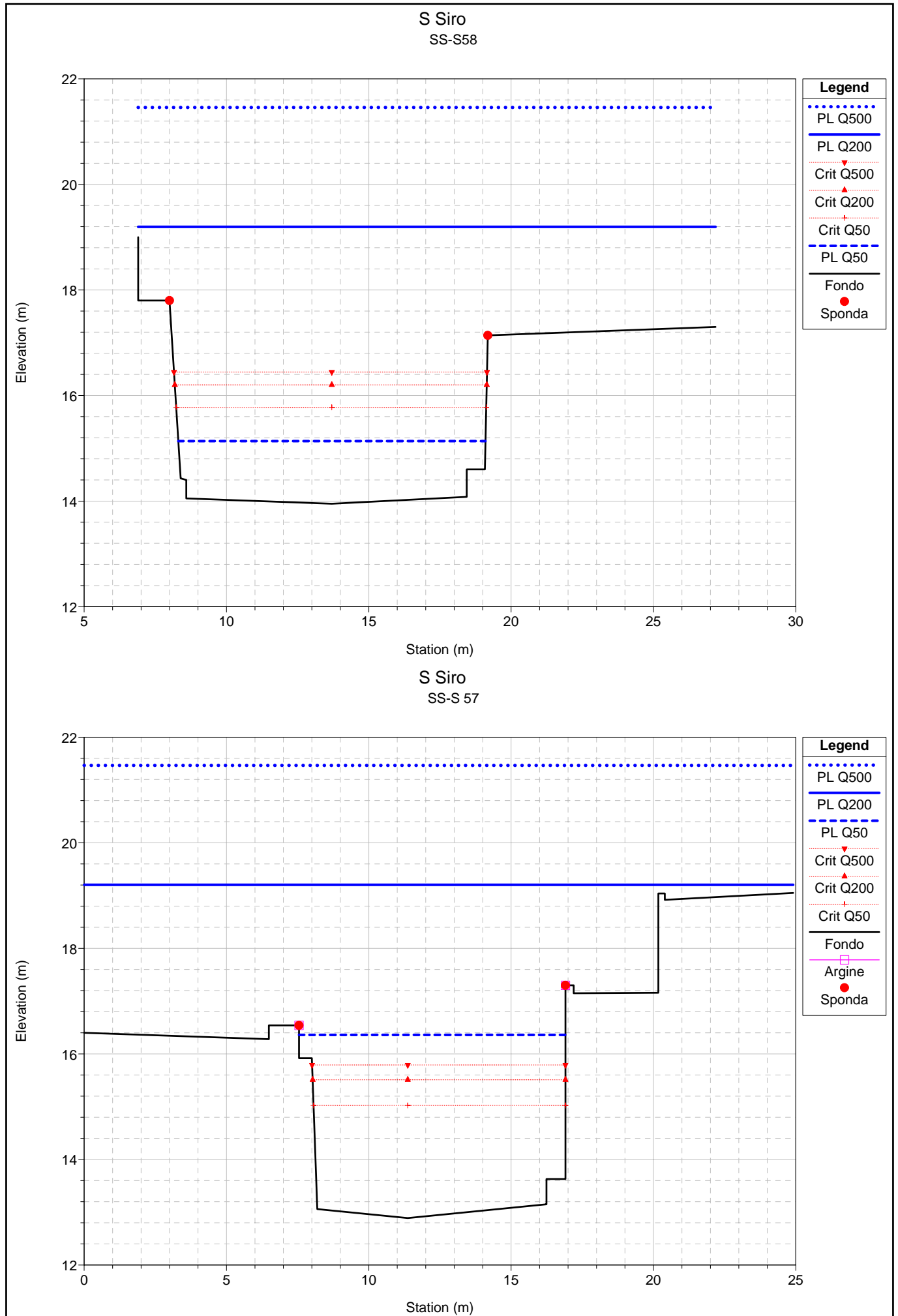


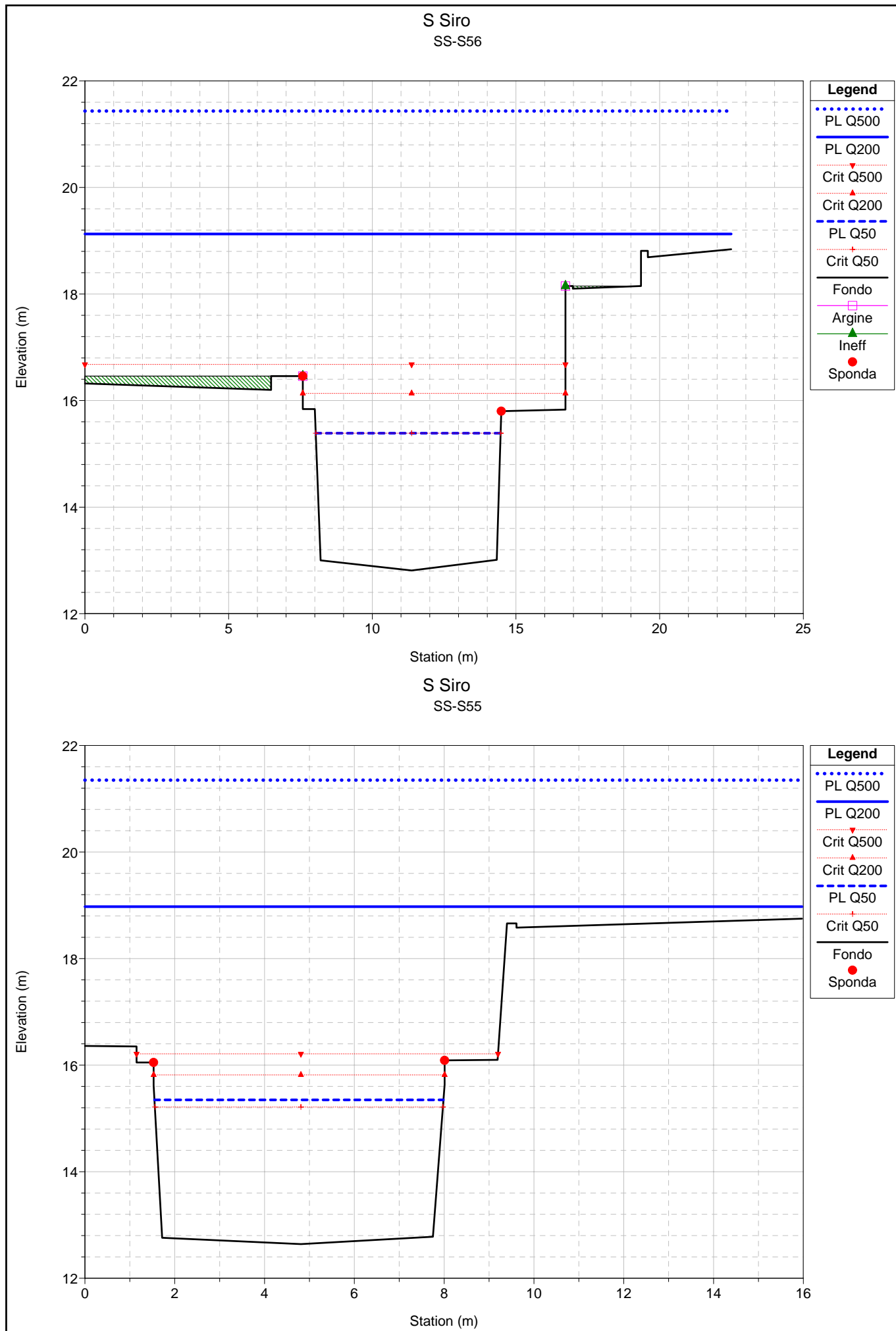


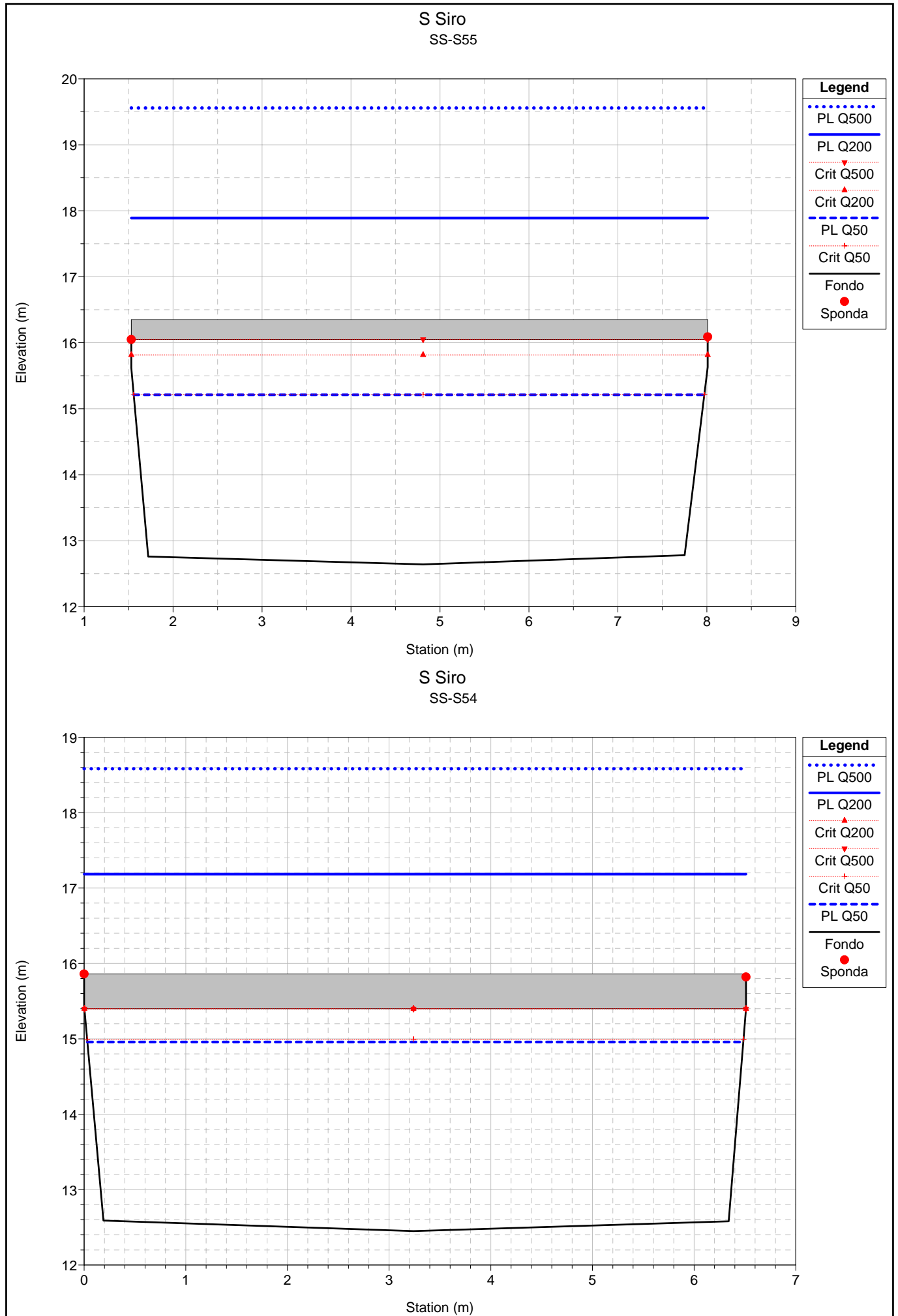


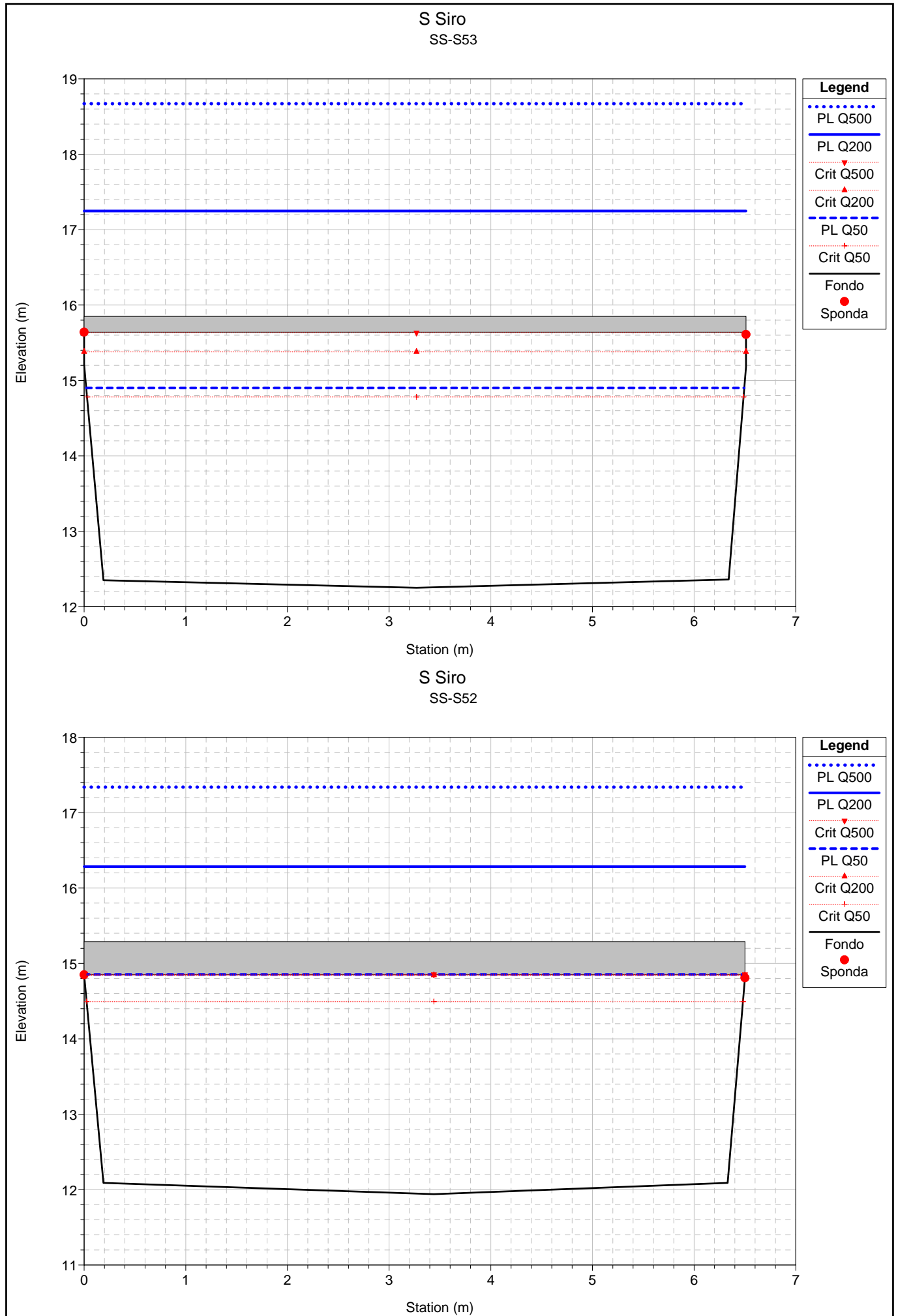




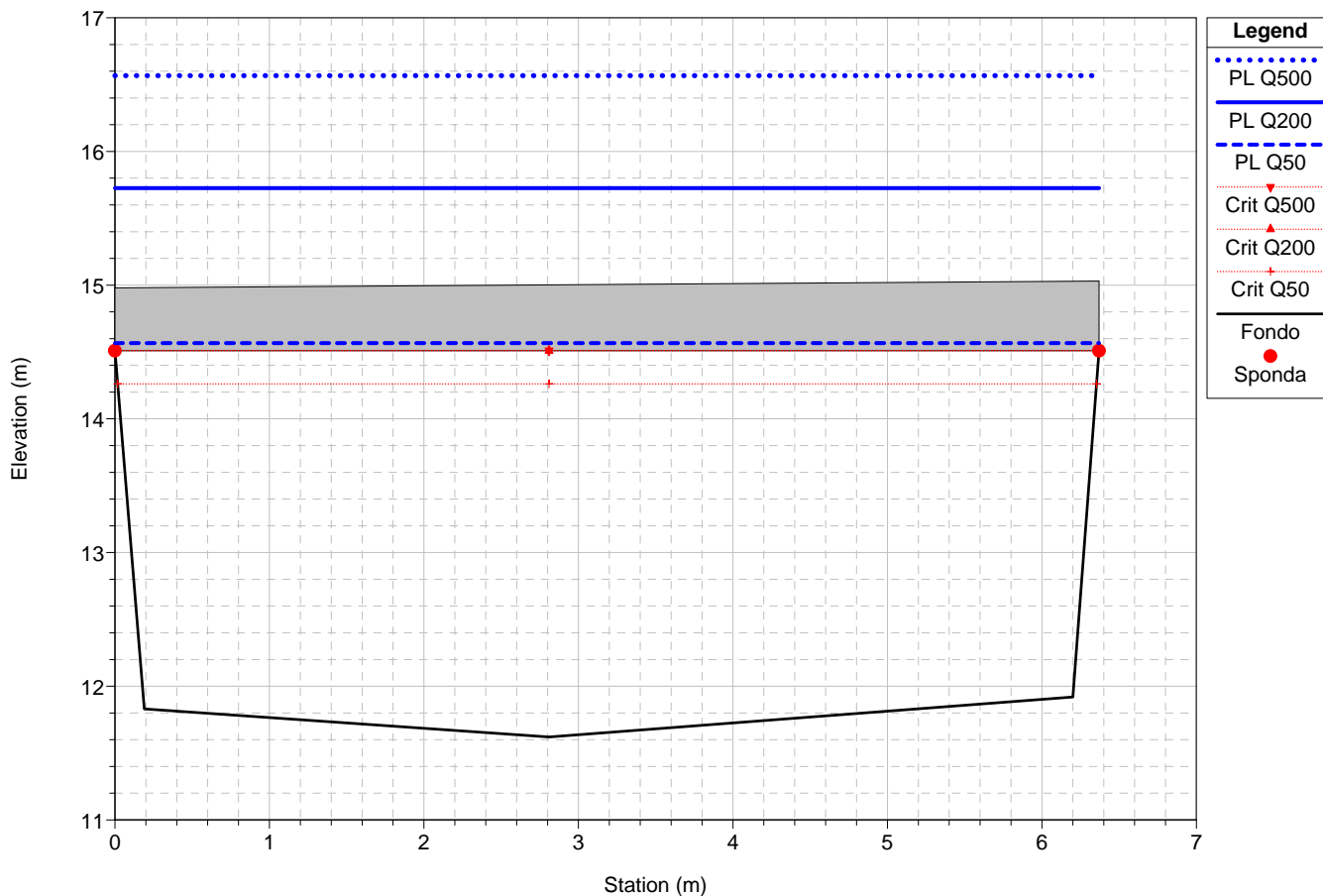




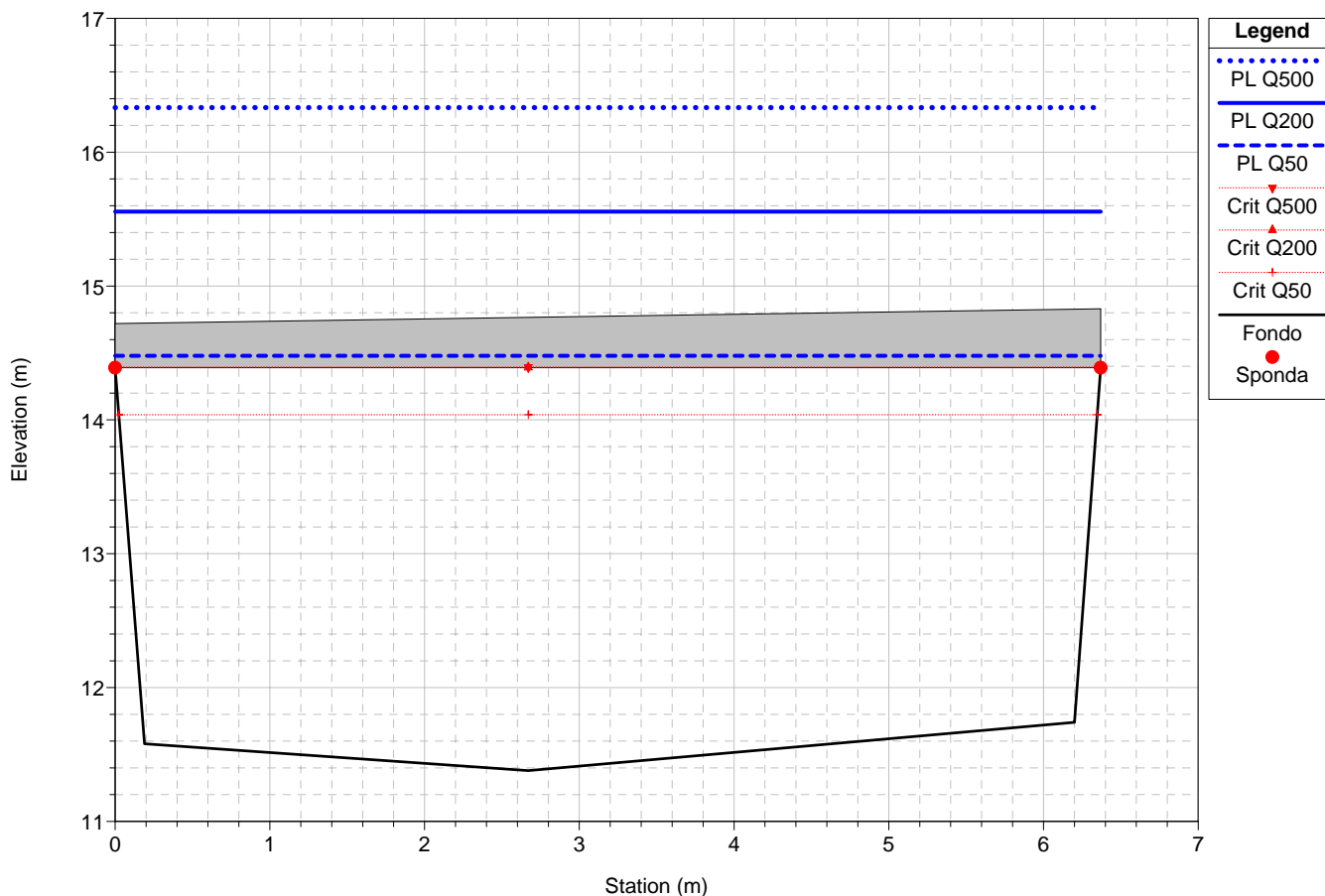


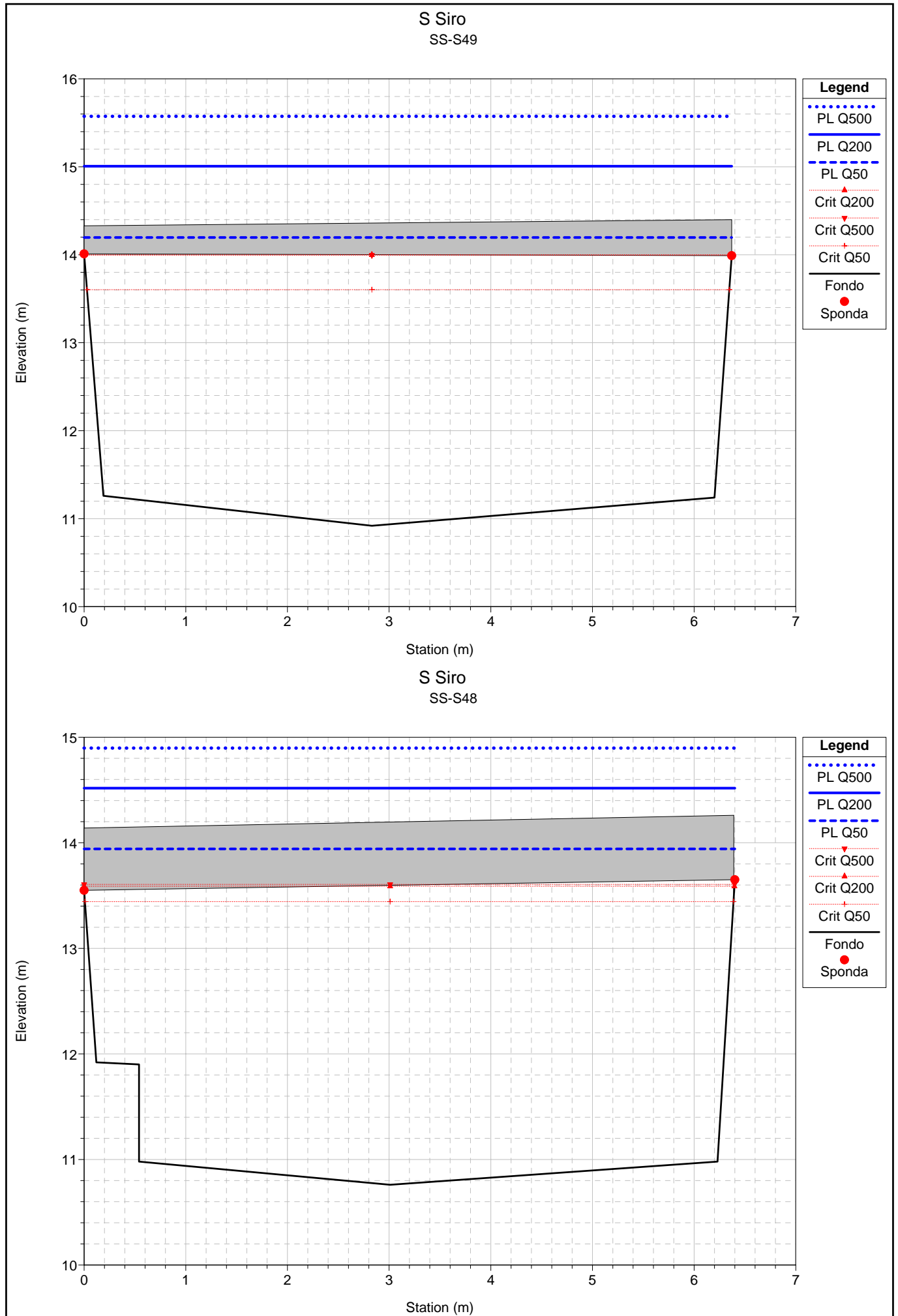


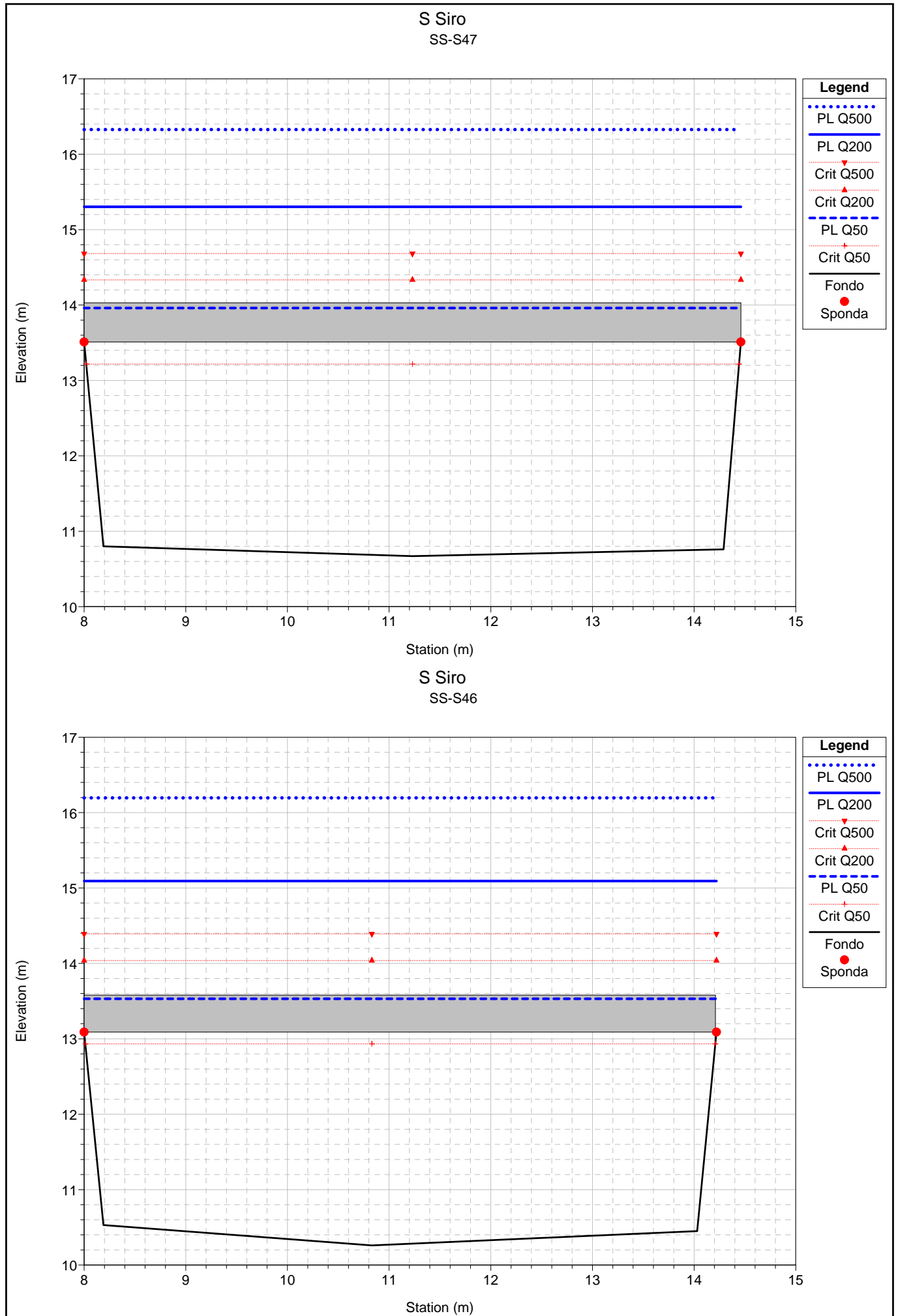
S Siro
SS-S51

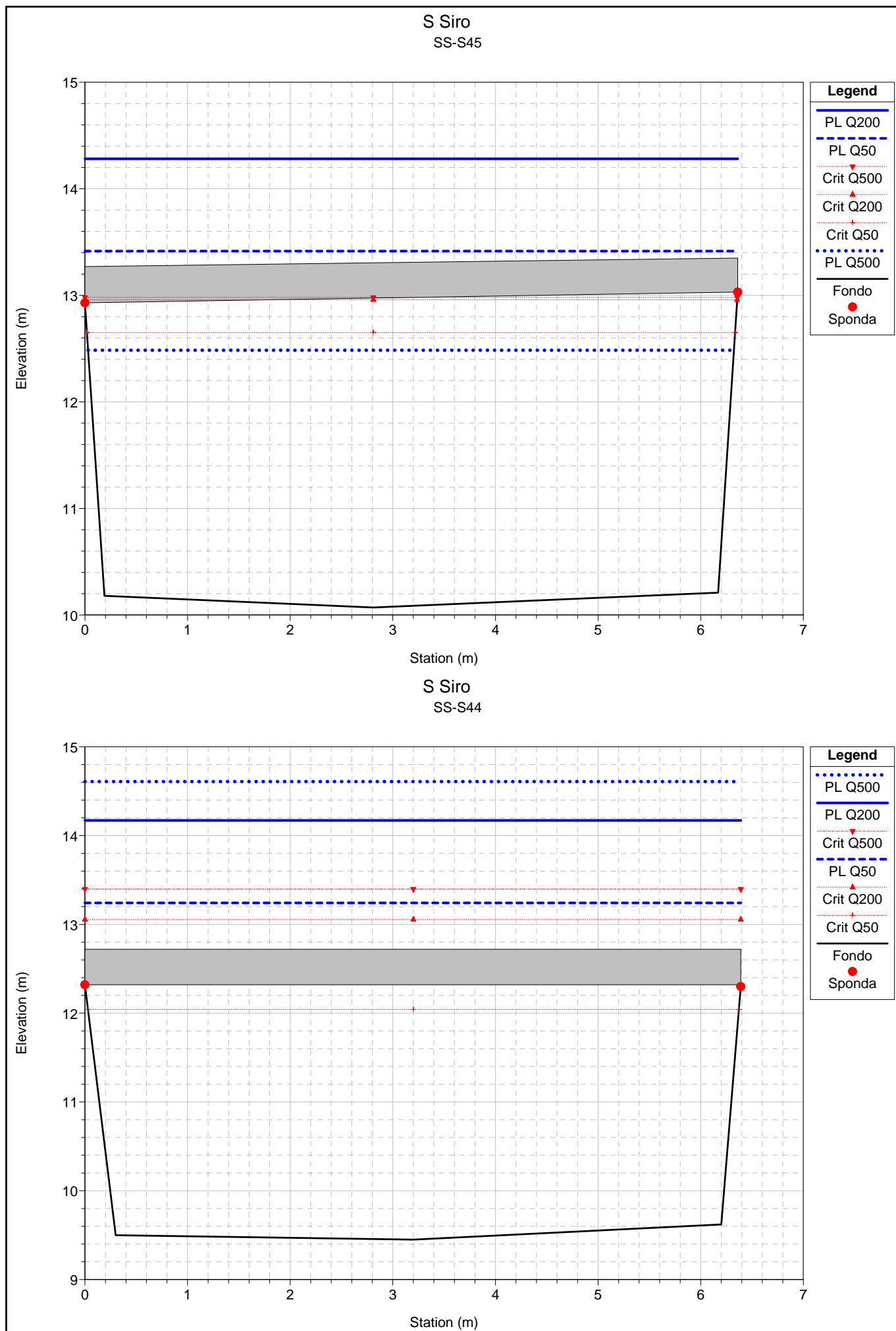


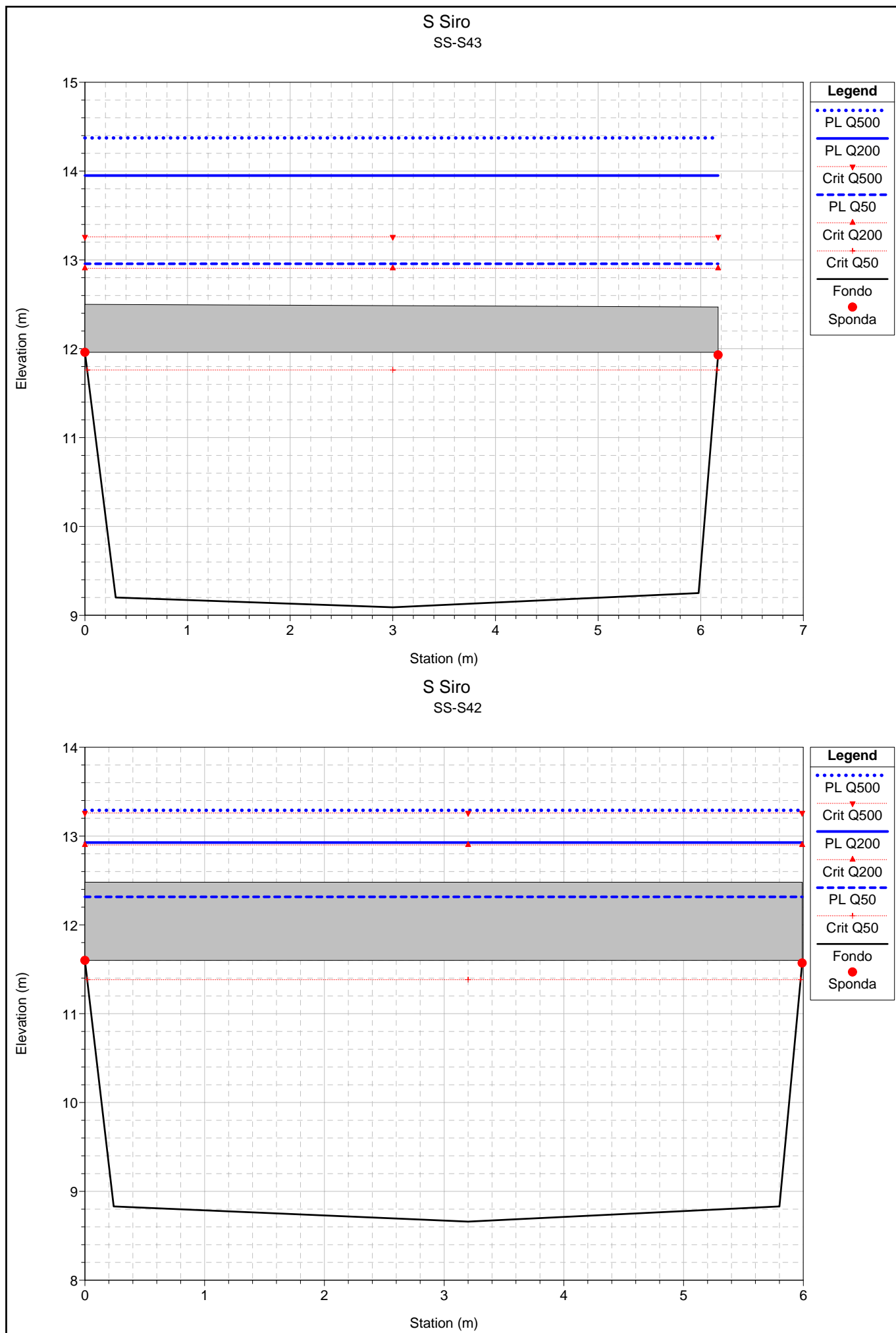
S Siro
SS-S50

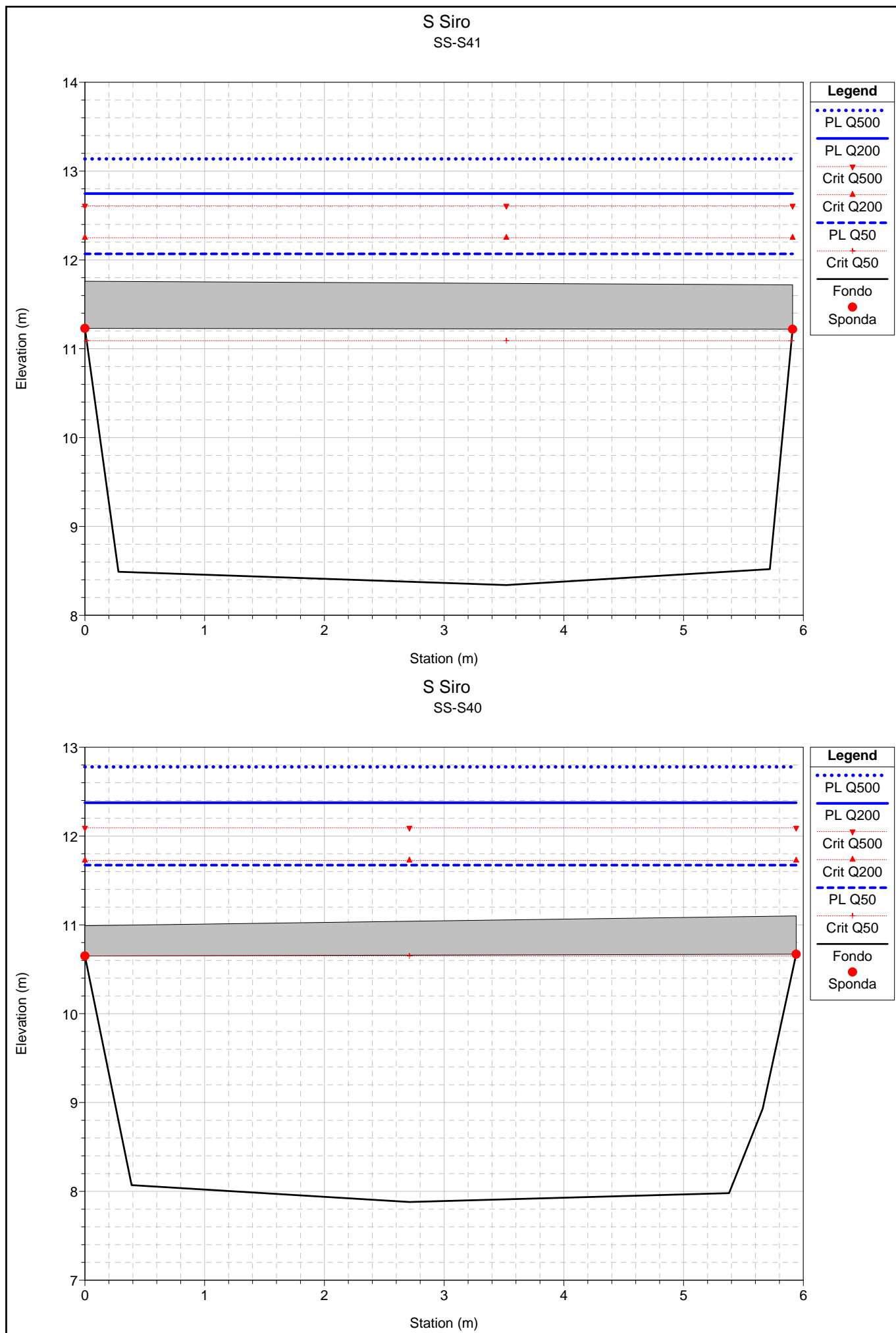


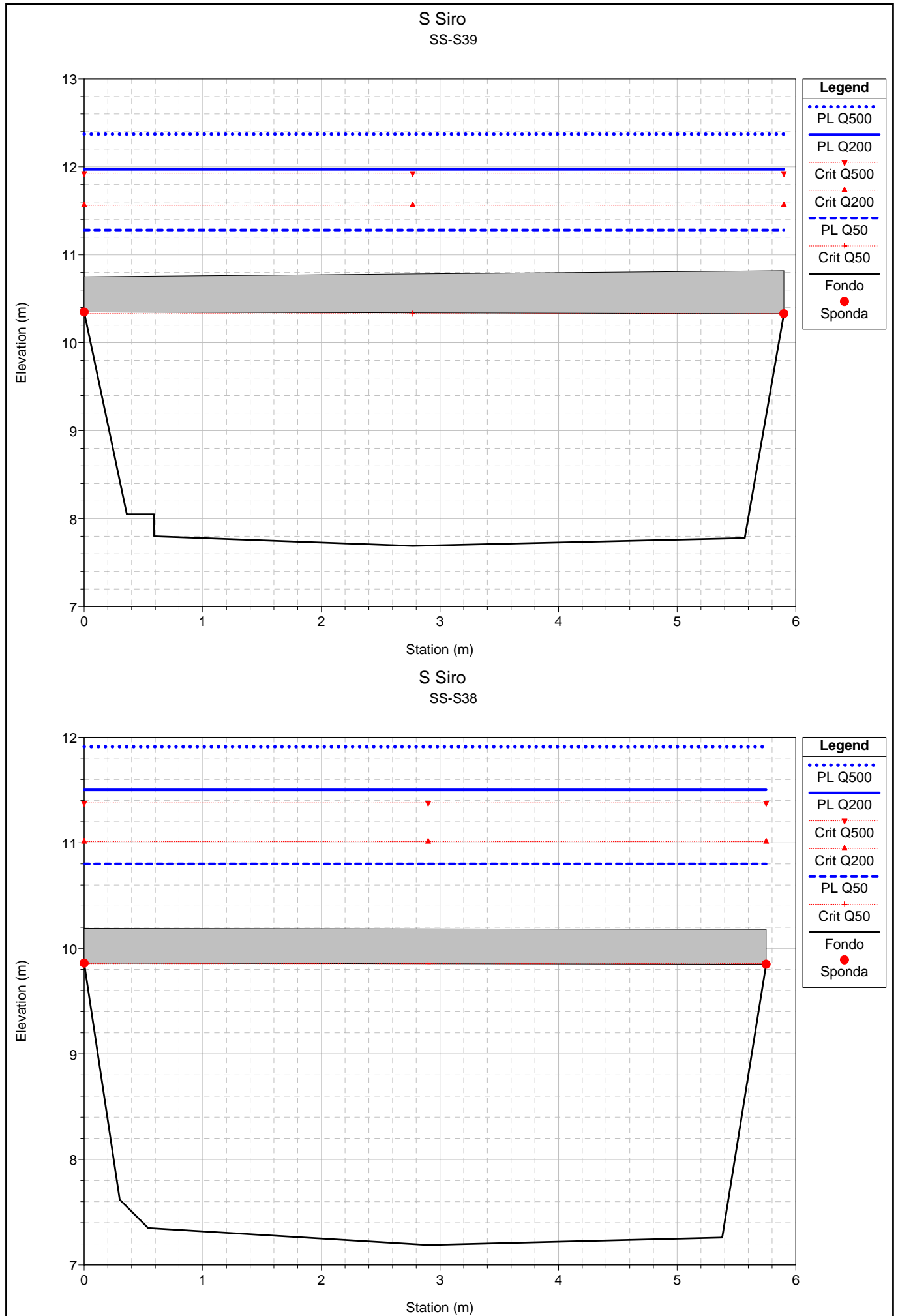




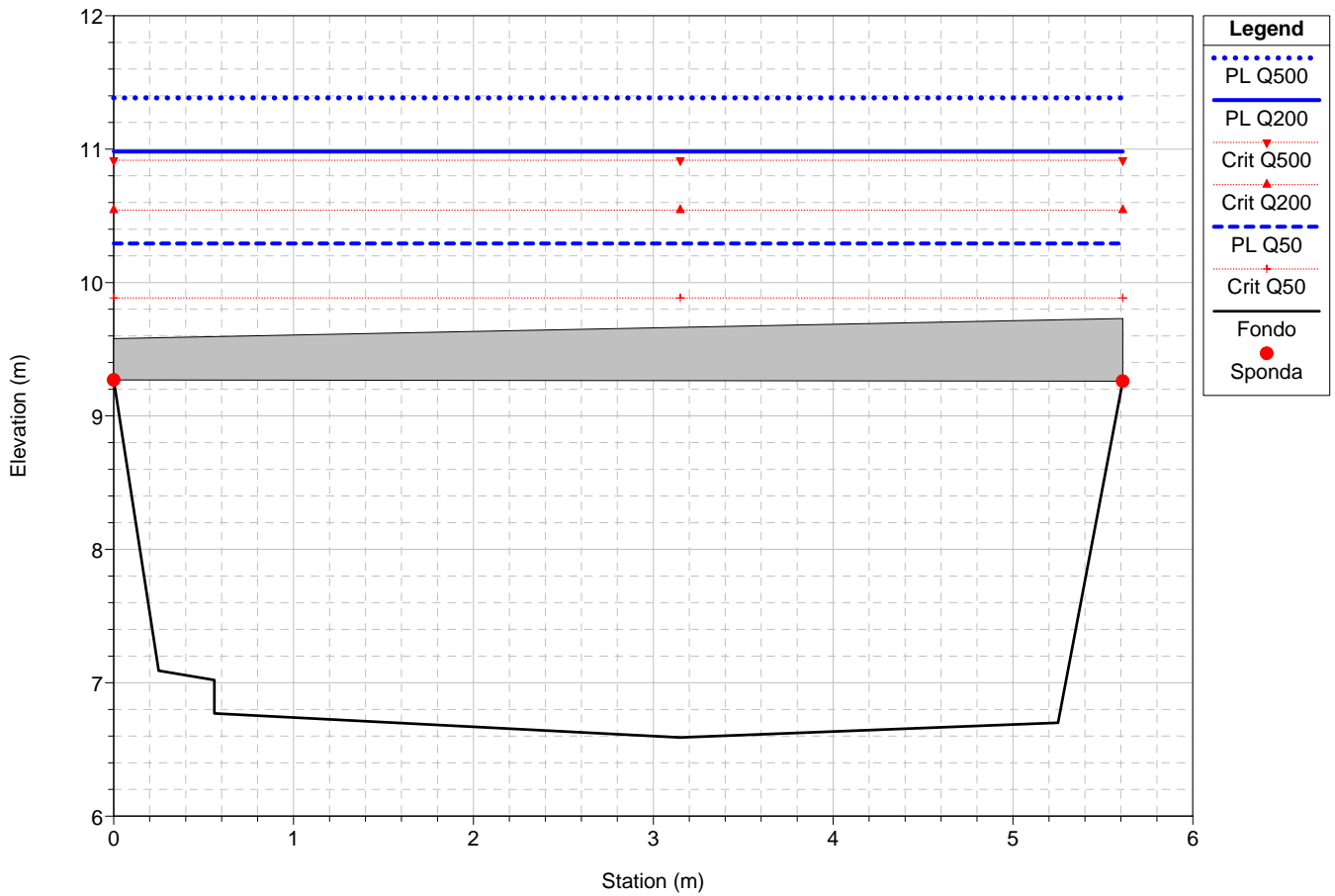




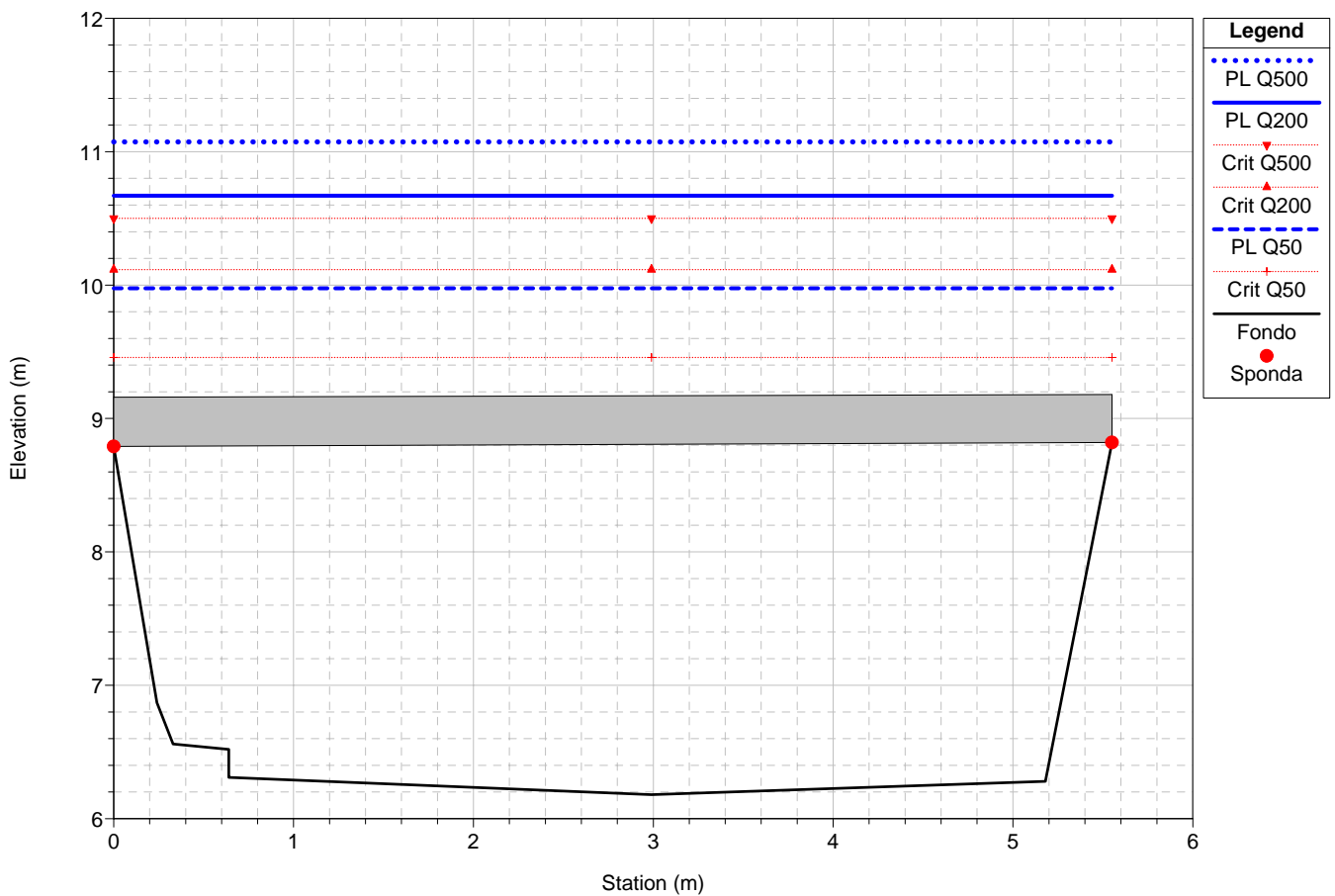




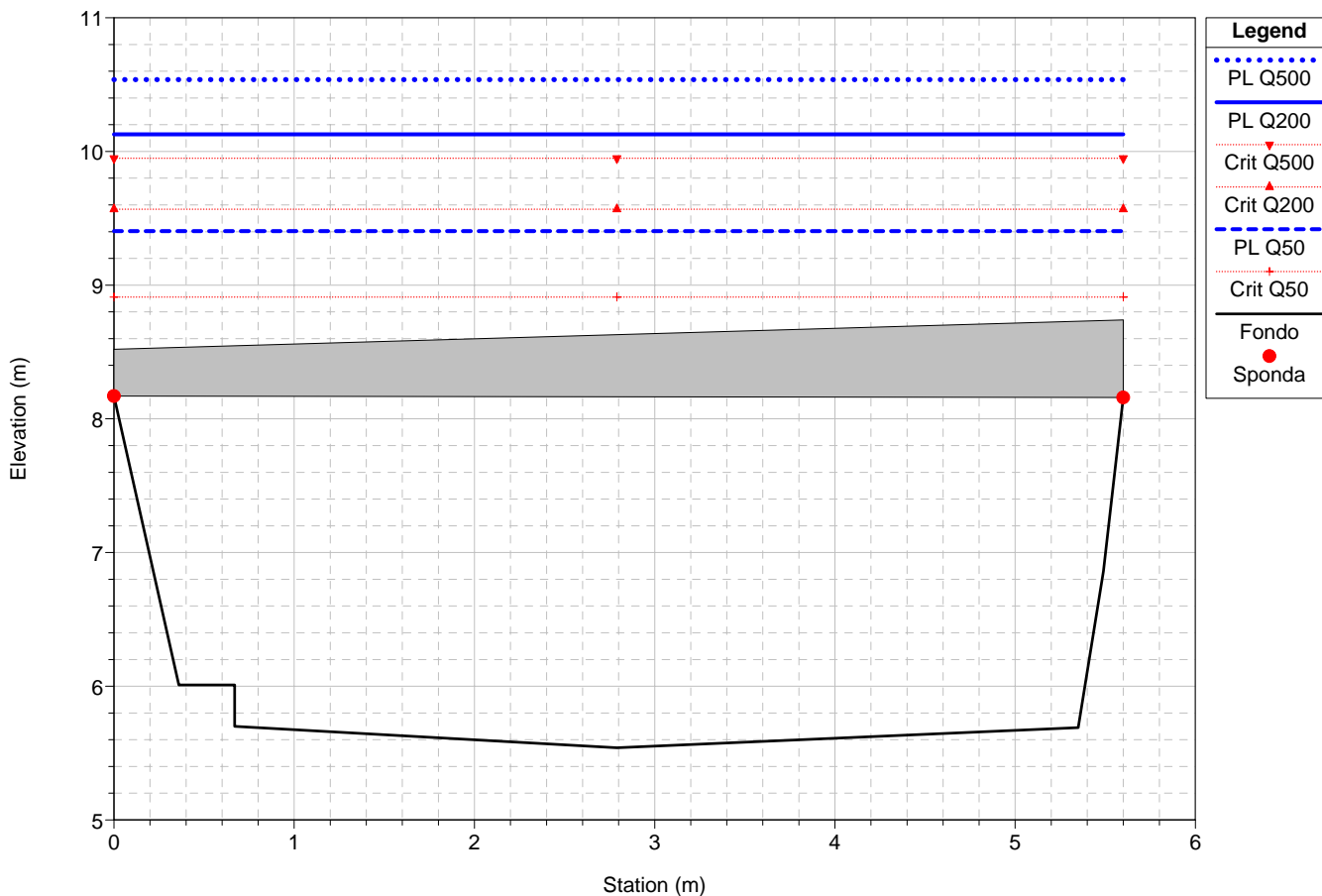
S Siro
SS-S37



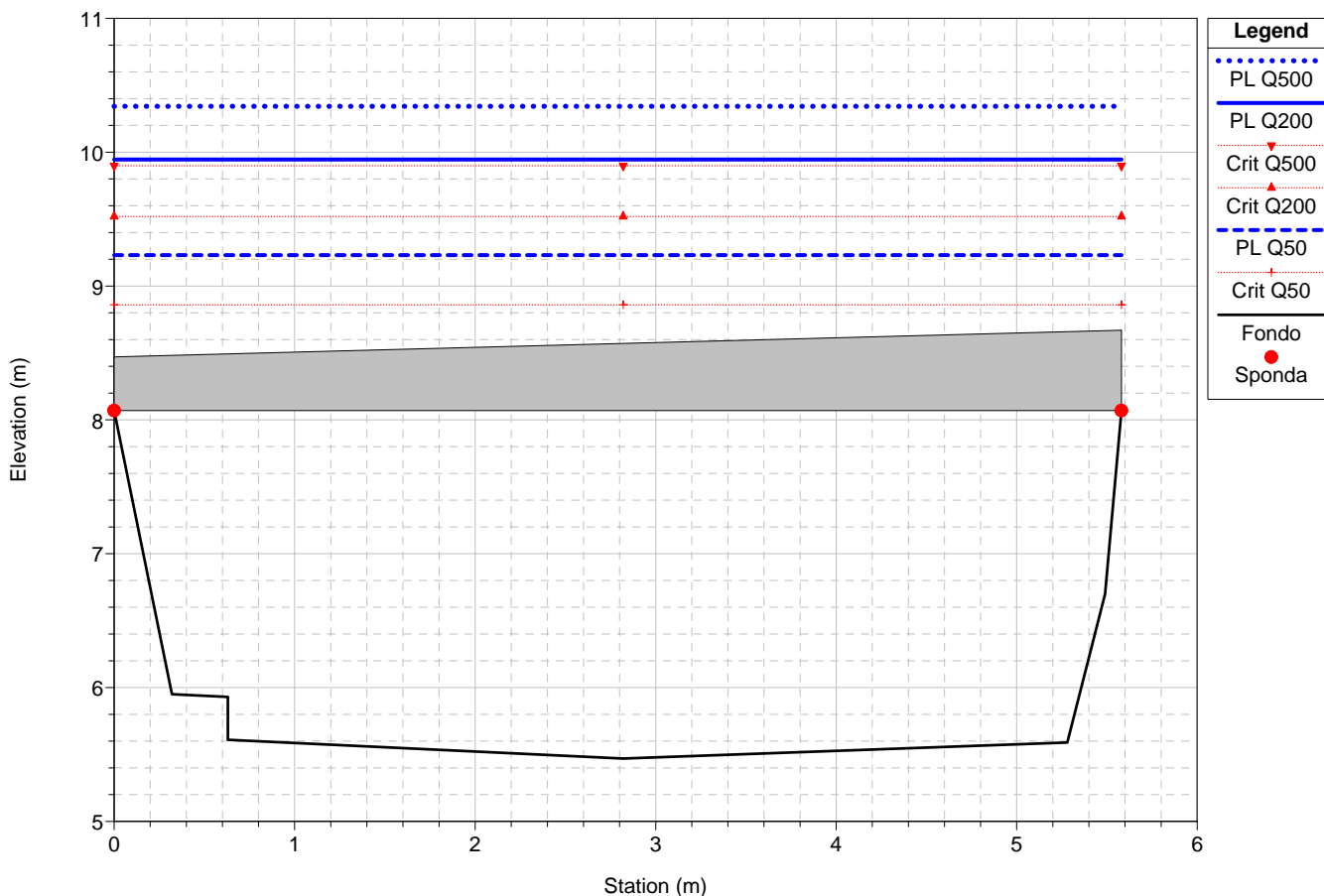
S Siro
SS-S36

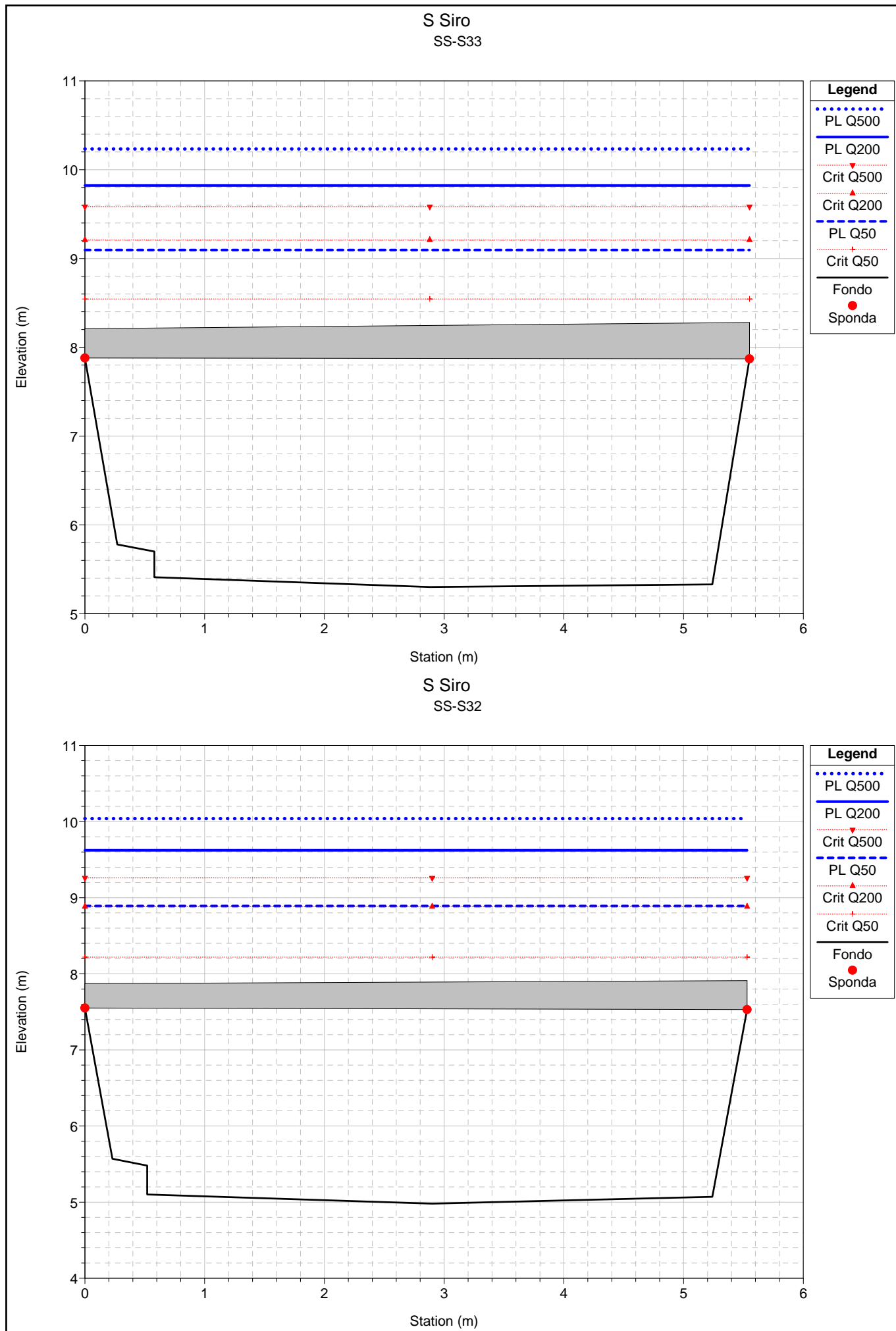


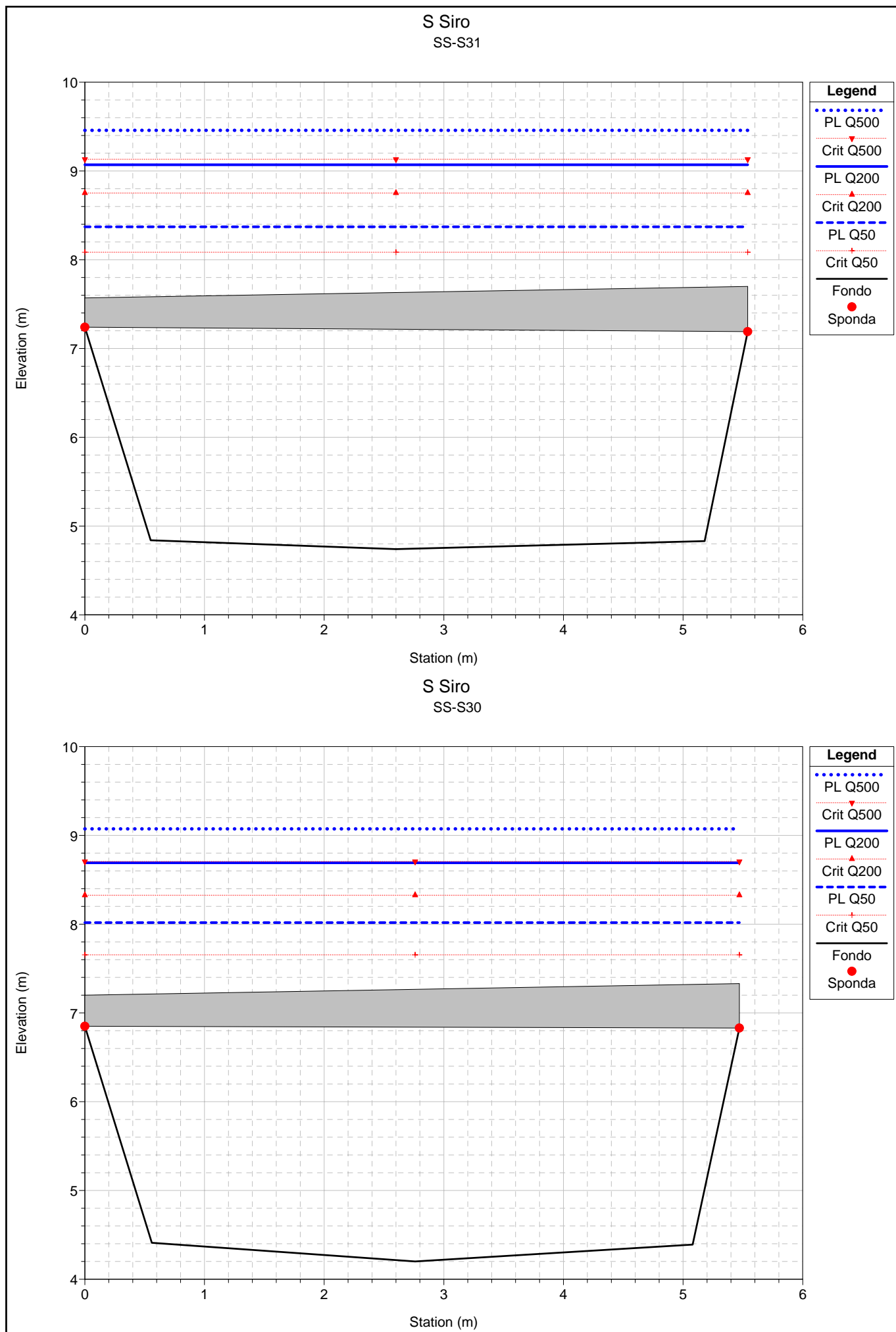
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SS-S35

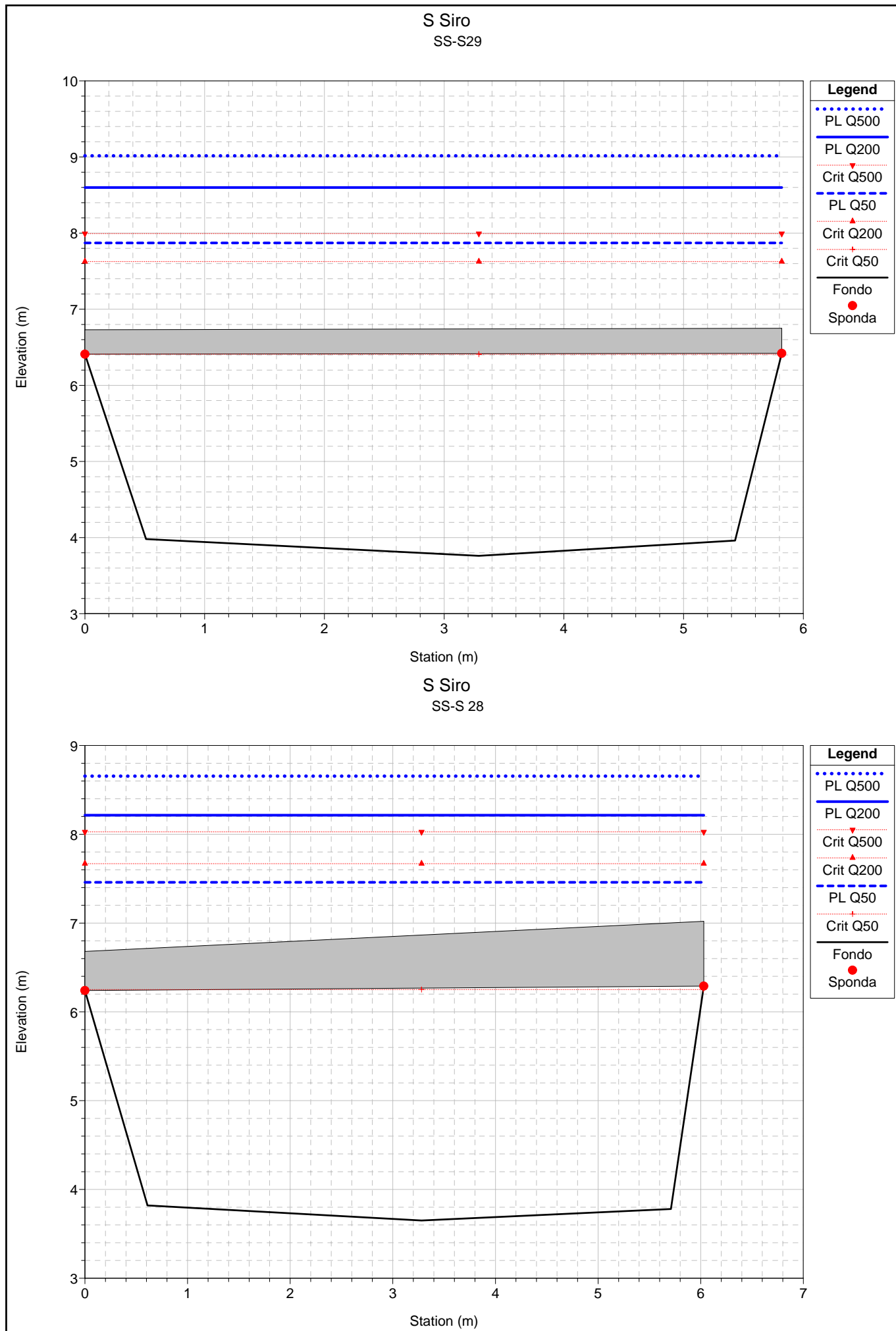


S Siro
SS-S34

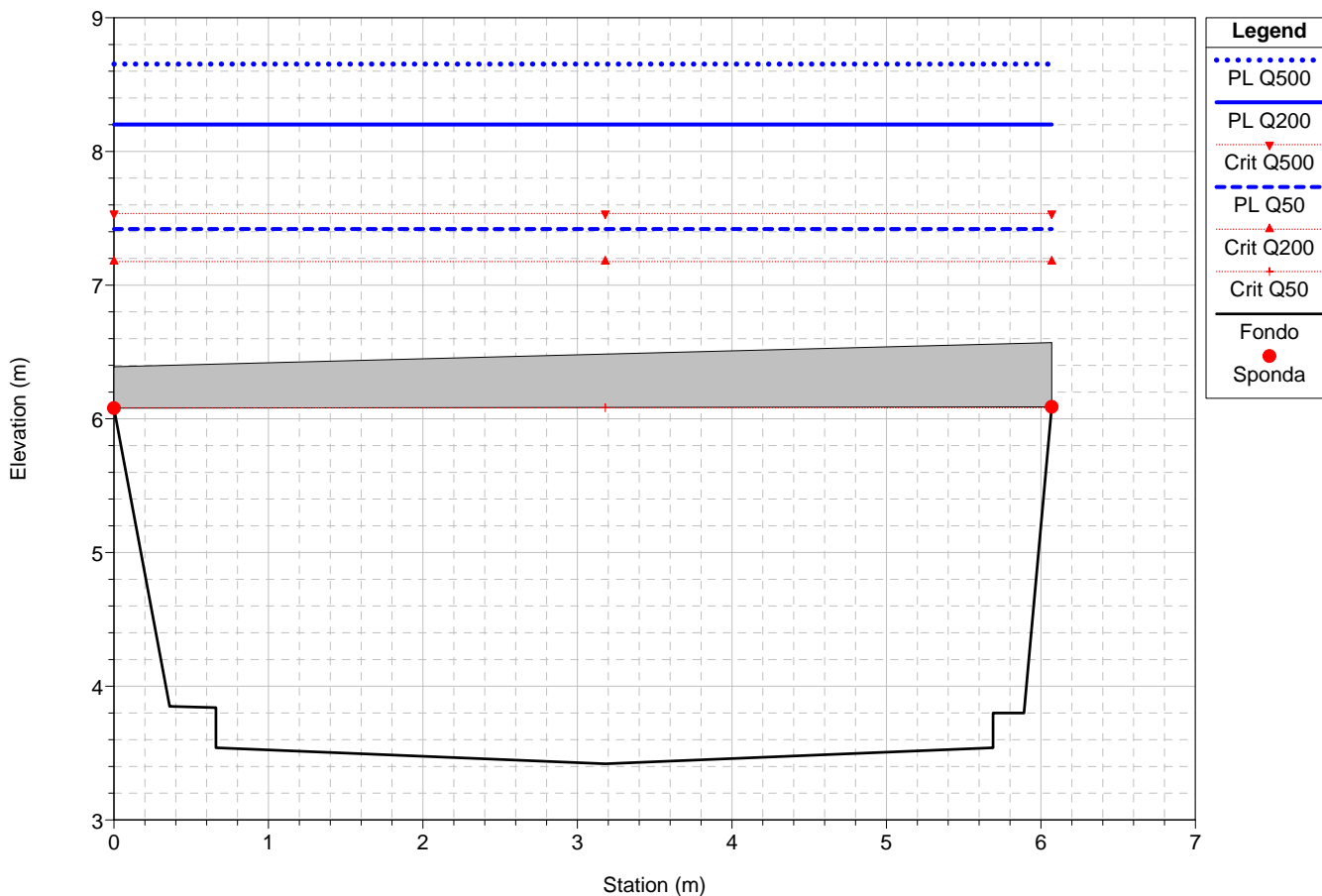




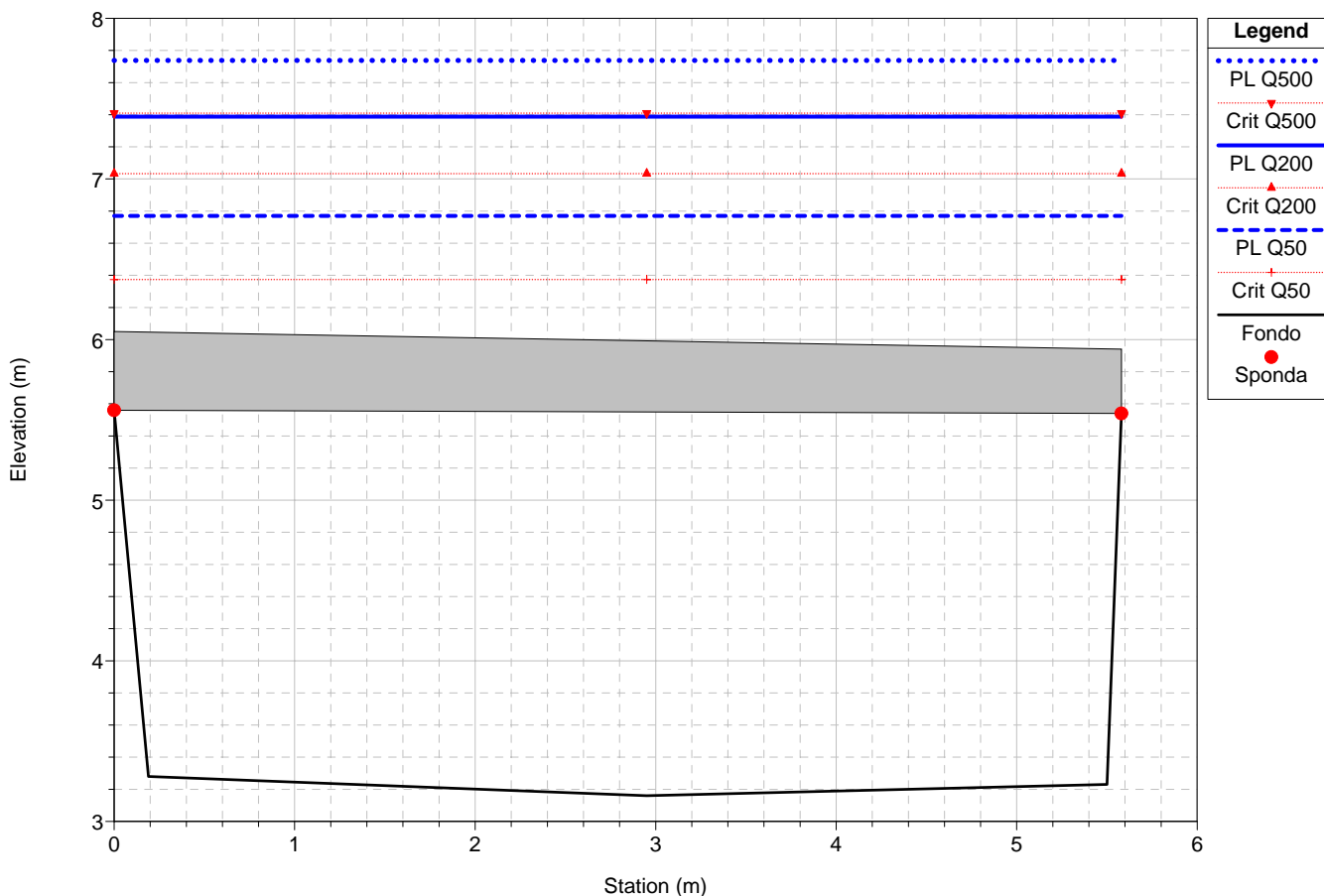


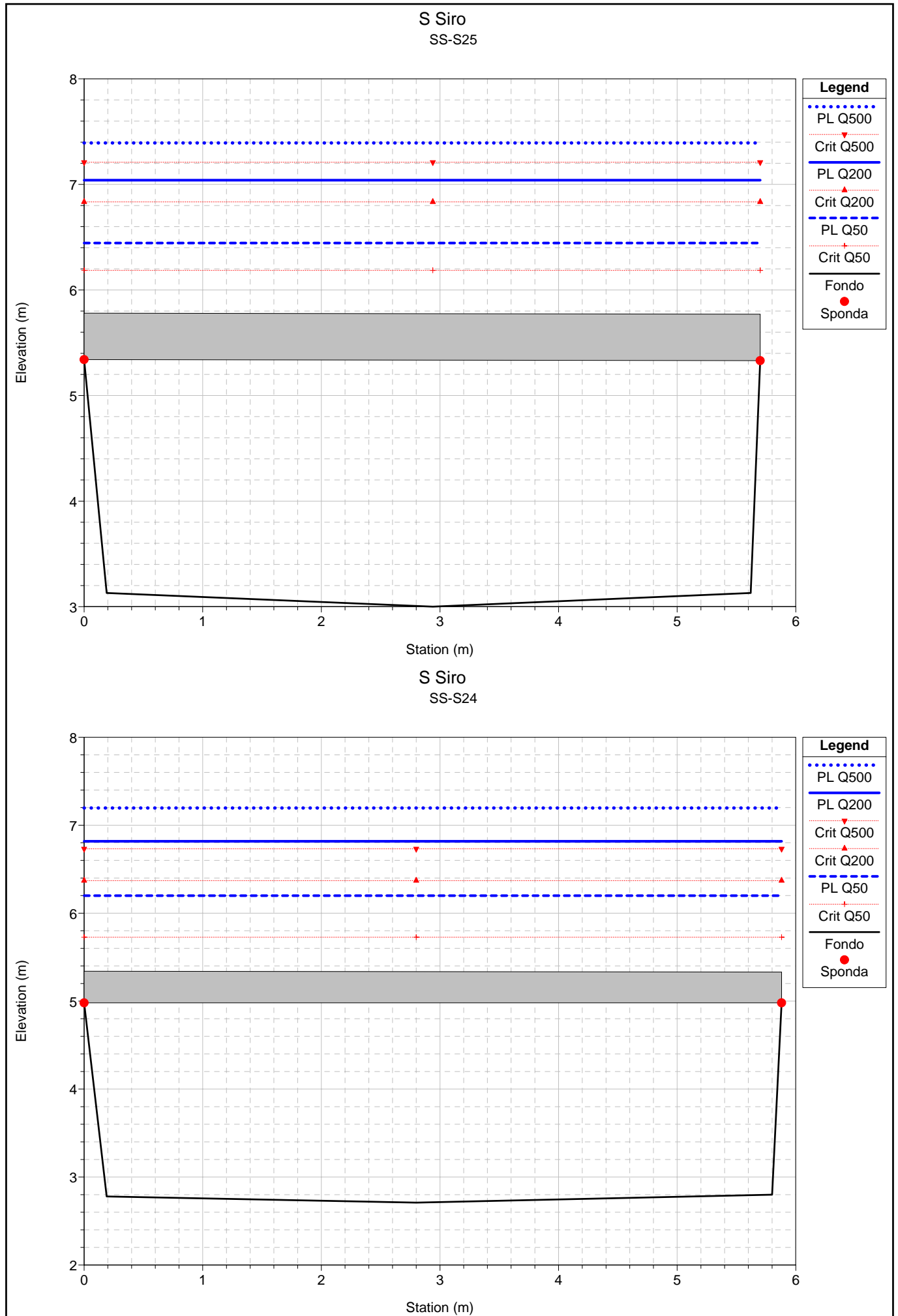


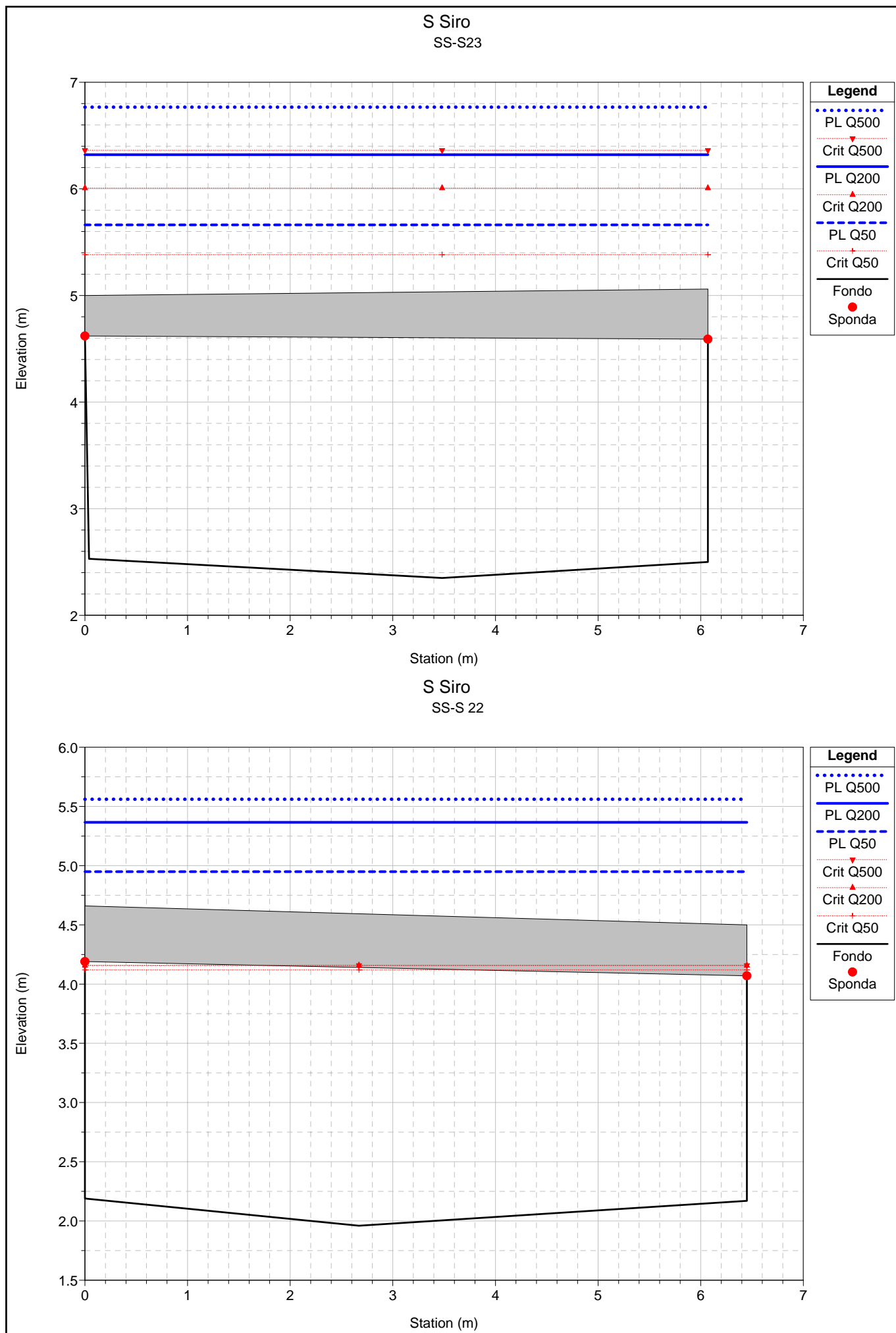
S Siro
SS-S27



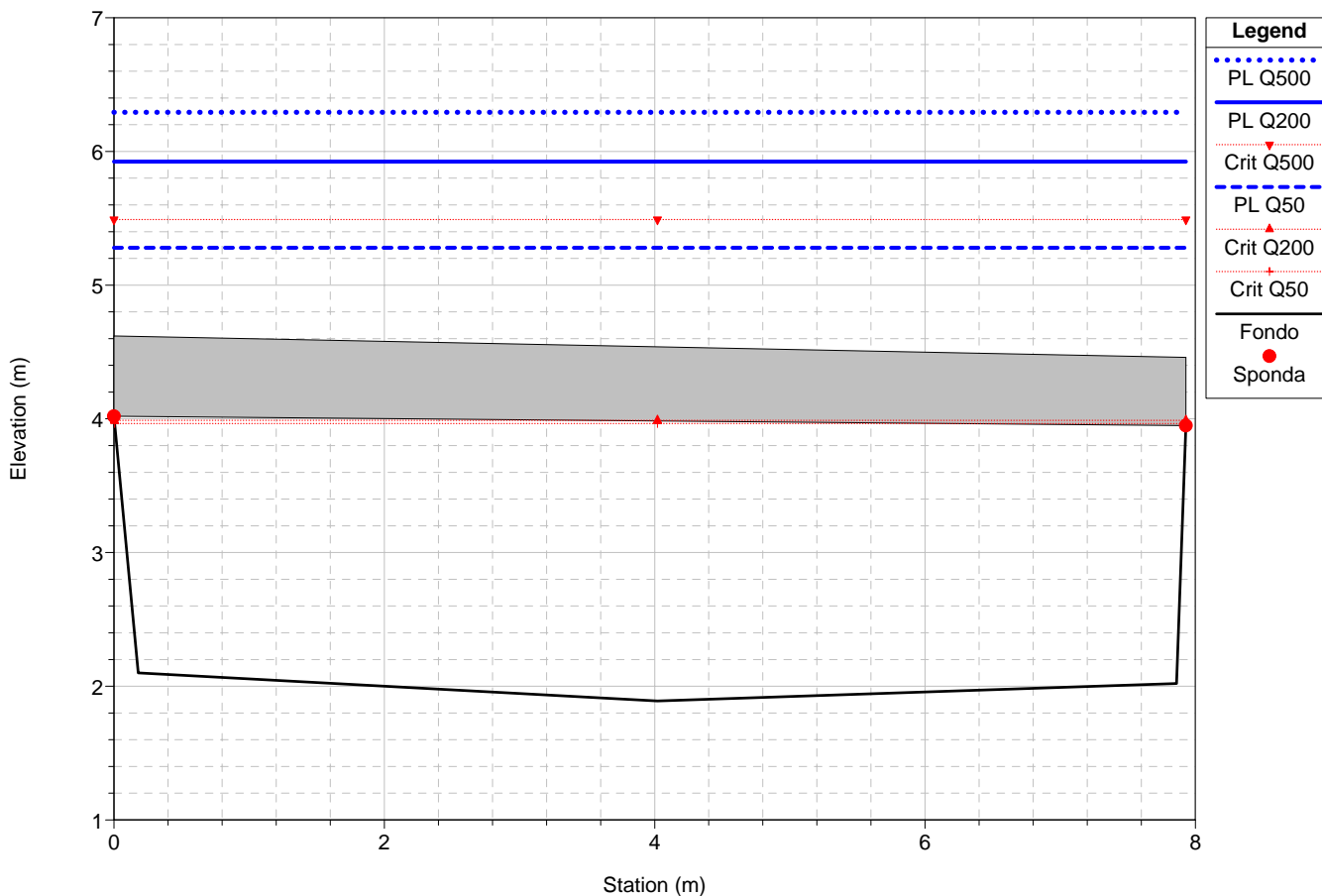
S Siro
SS-S26



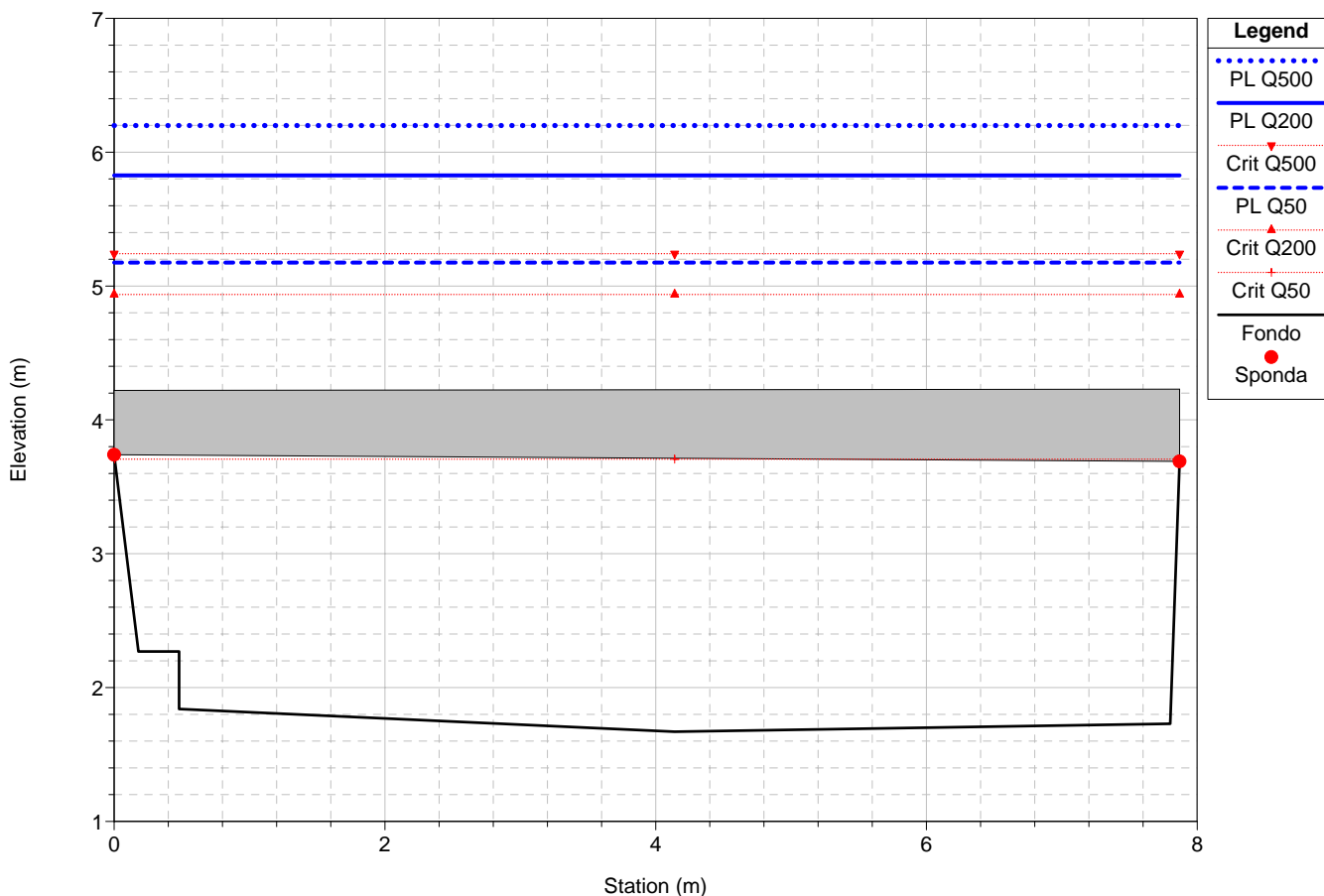


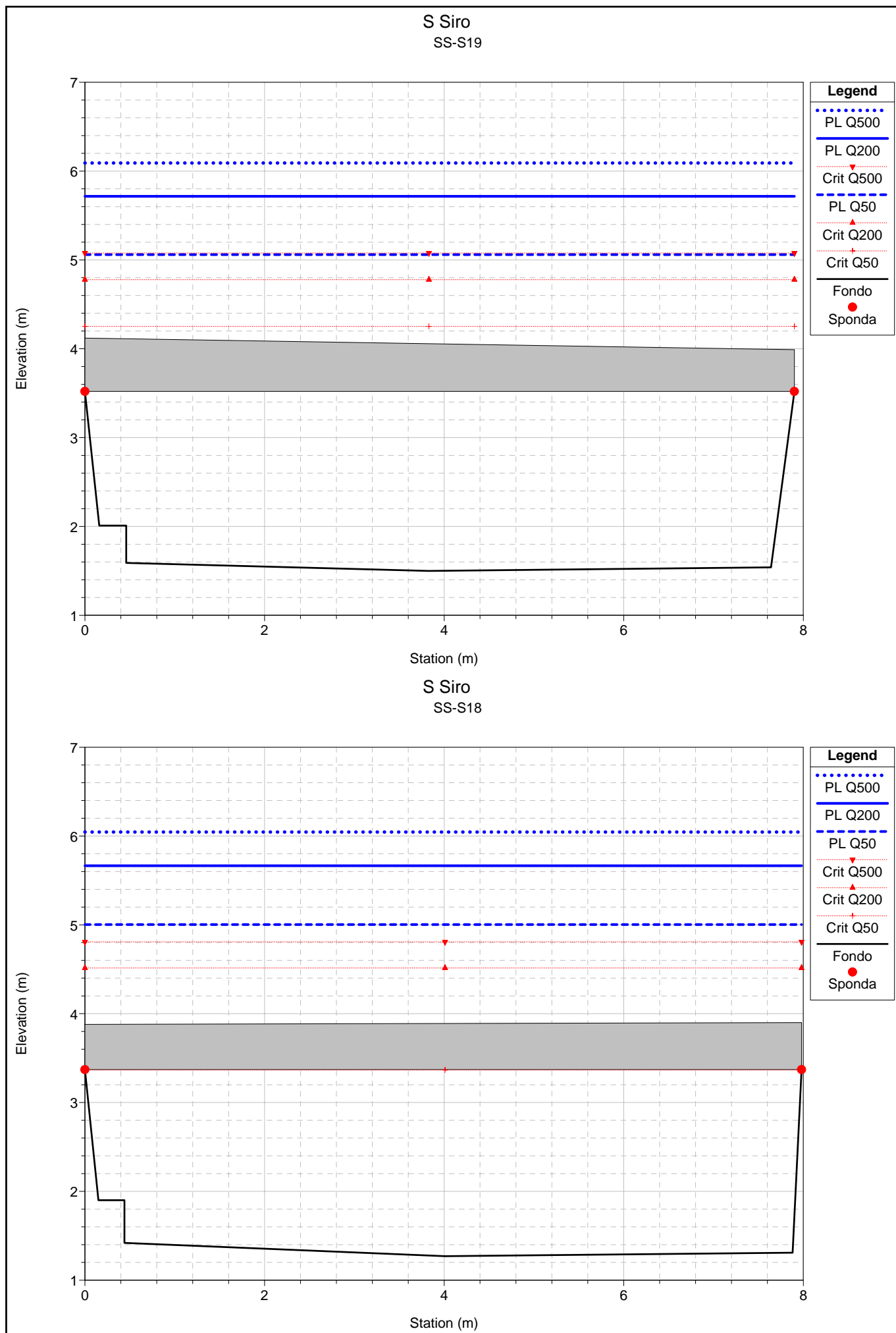


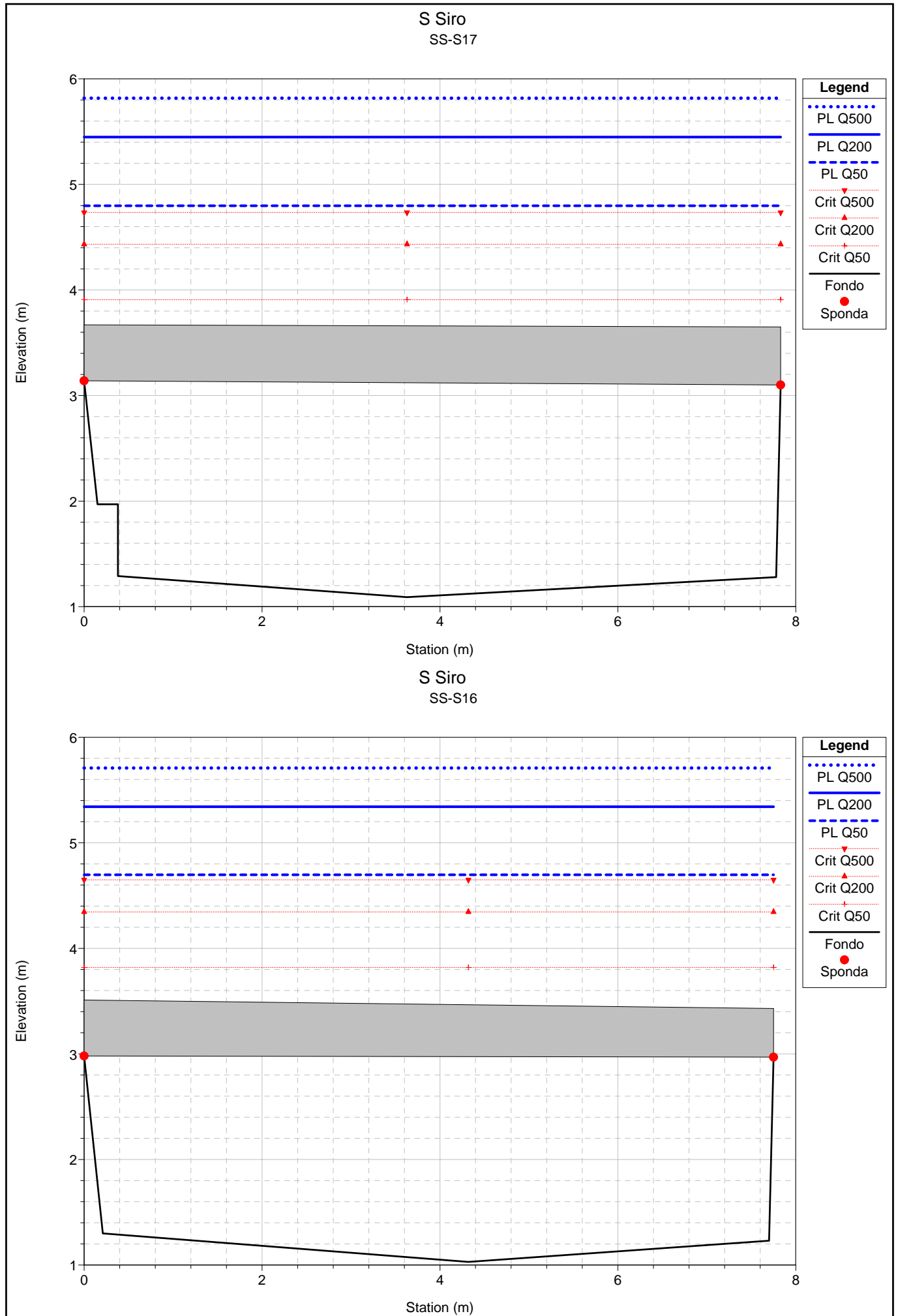
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SS-S21

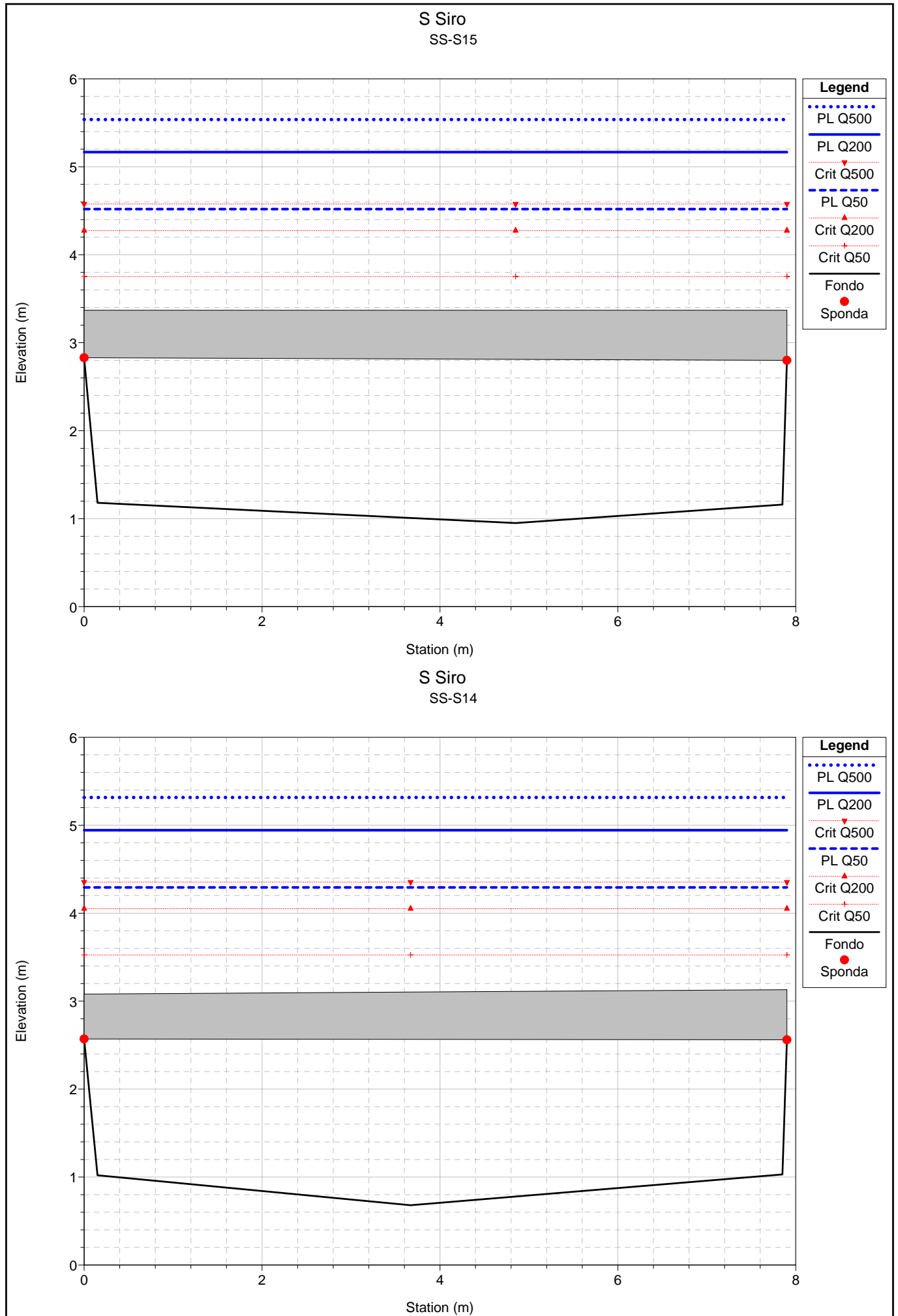


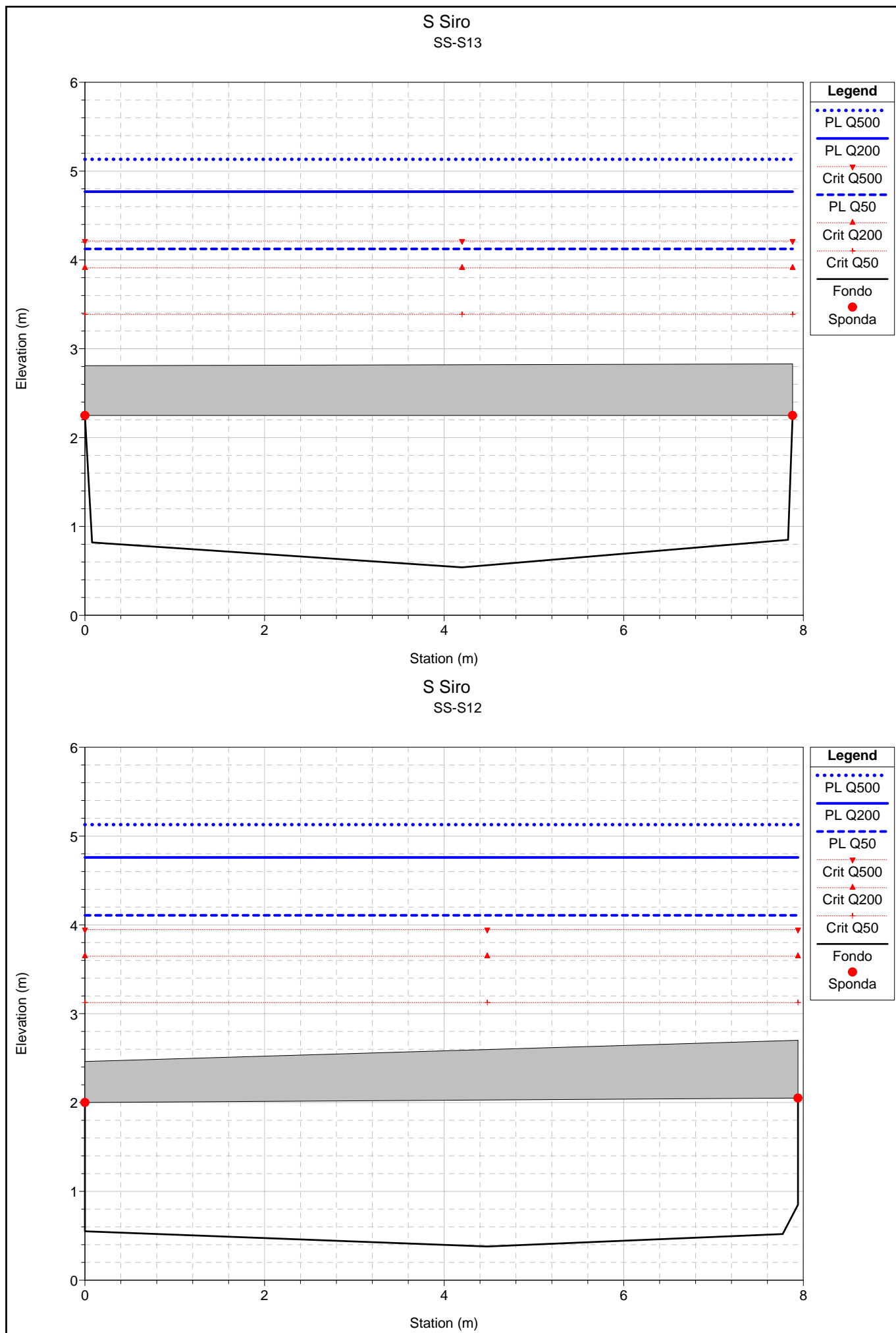
S Siro
SS-S20

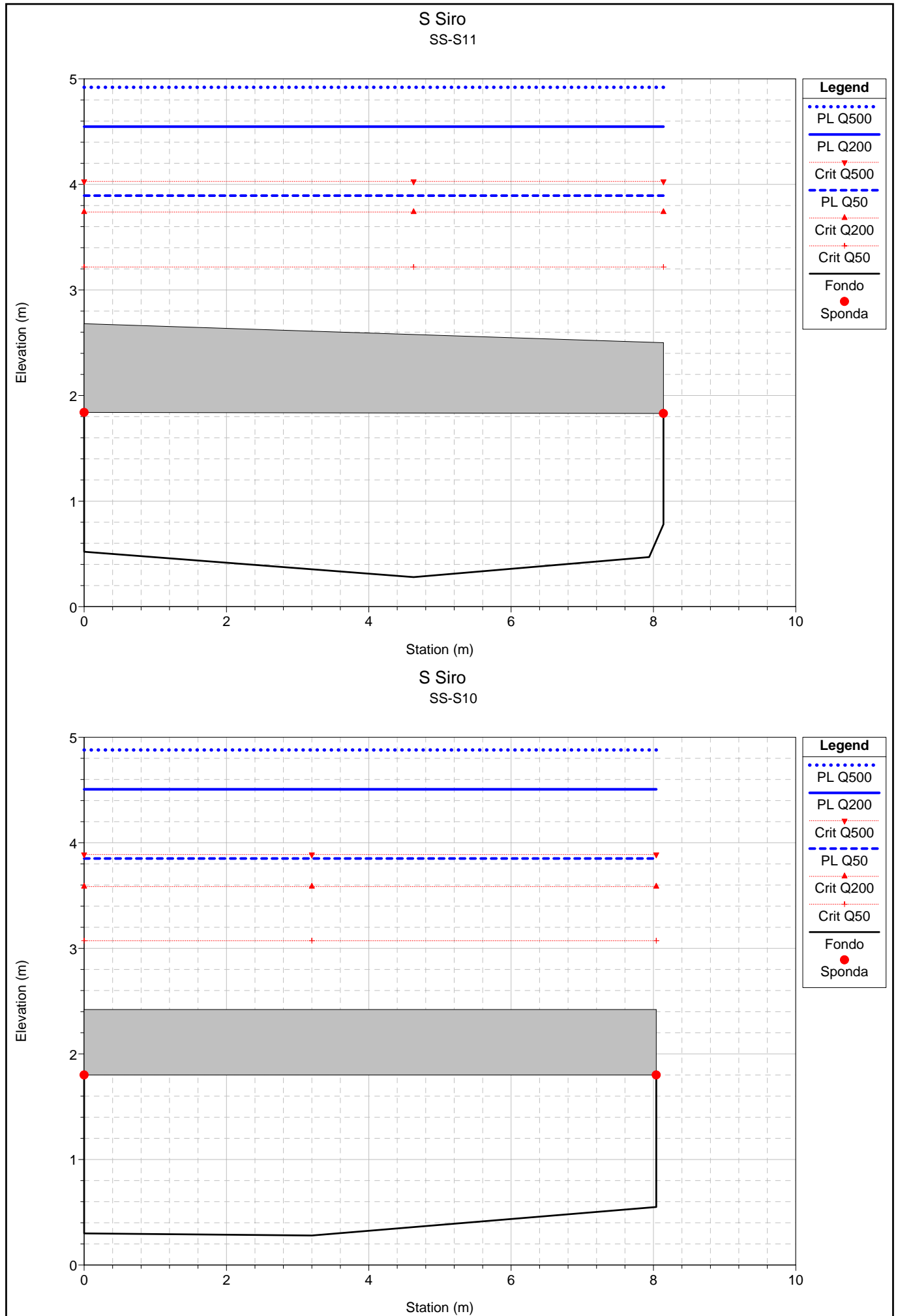


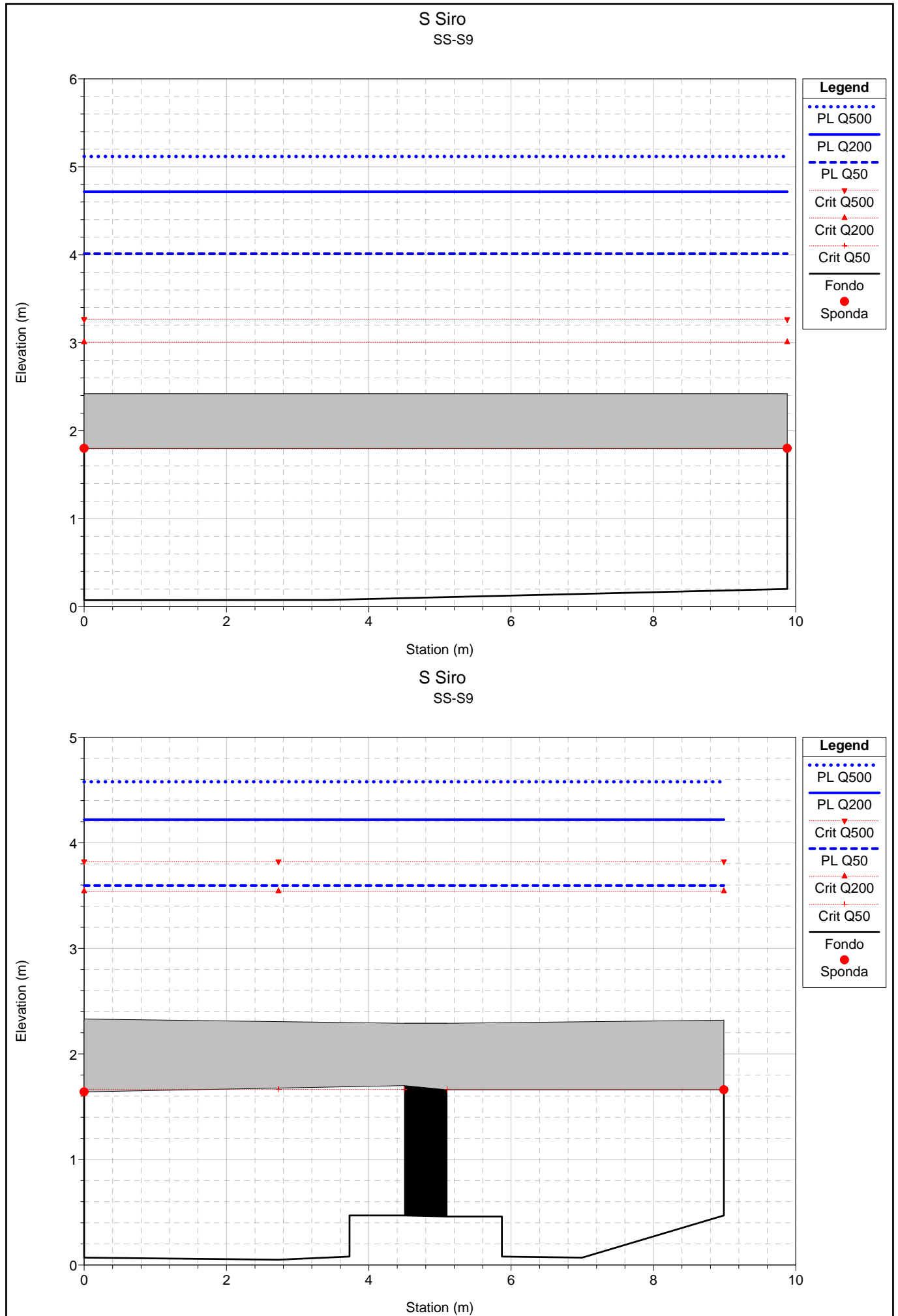


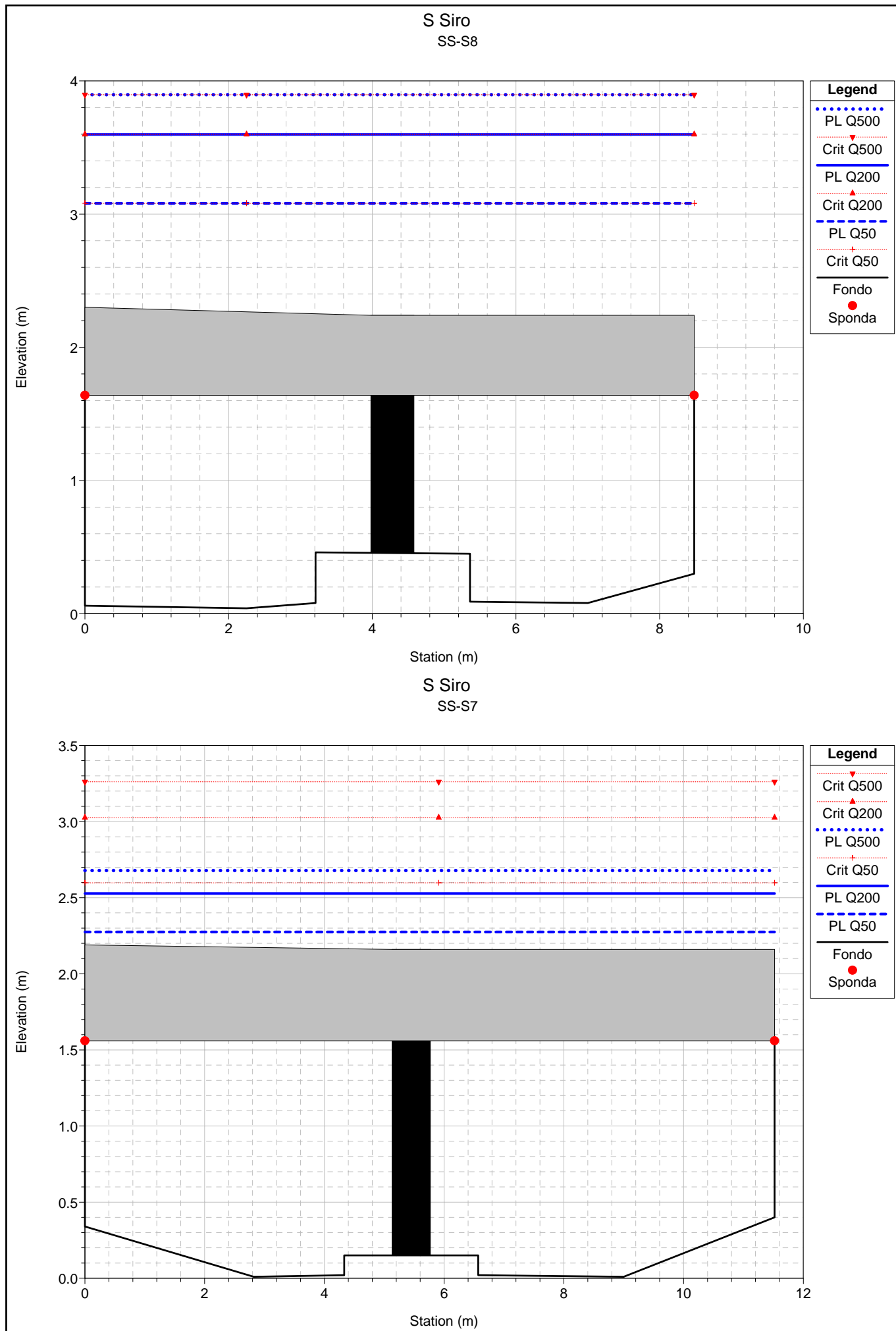


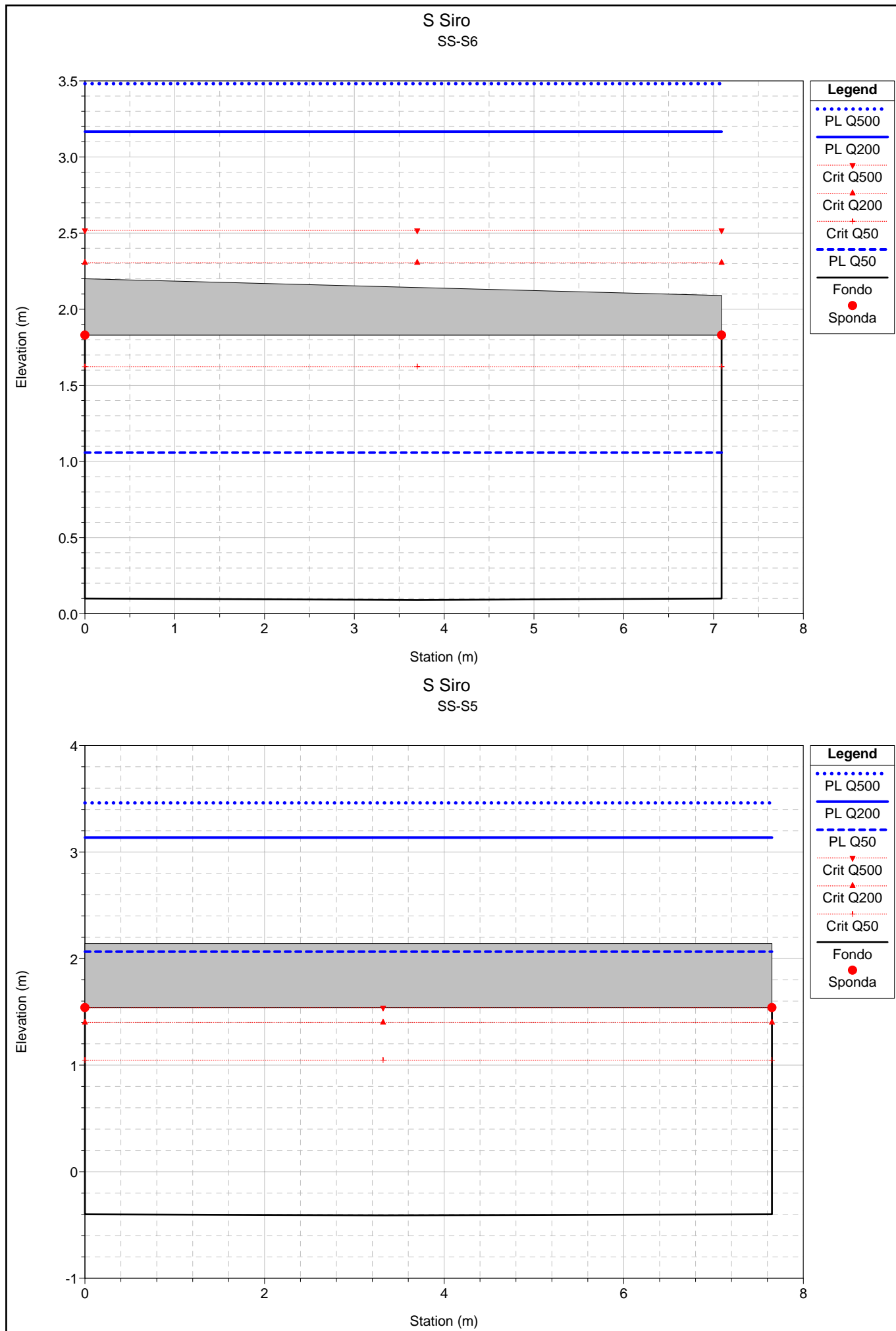


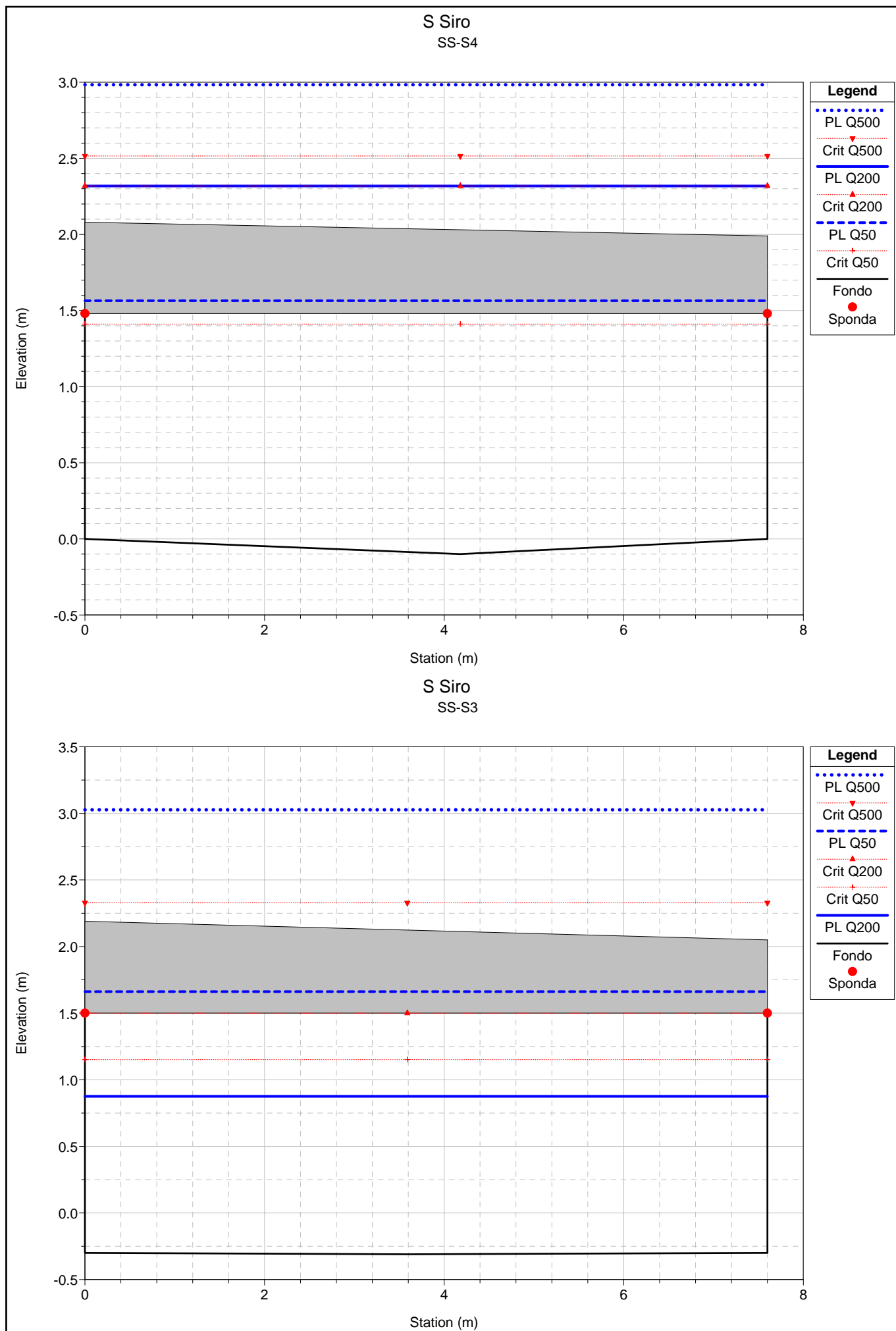


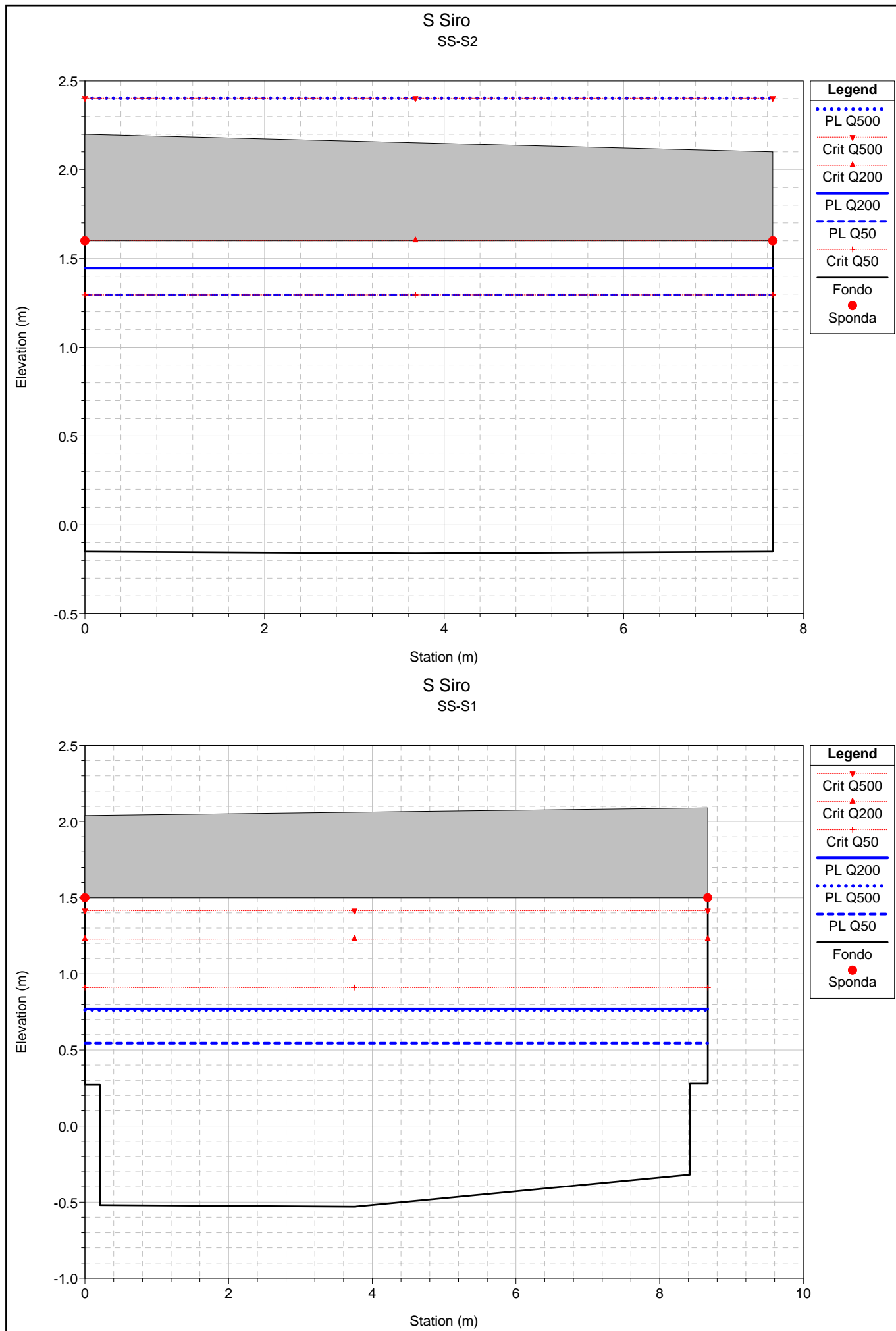


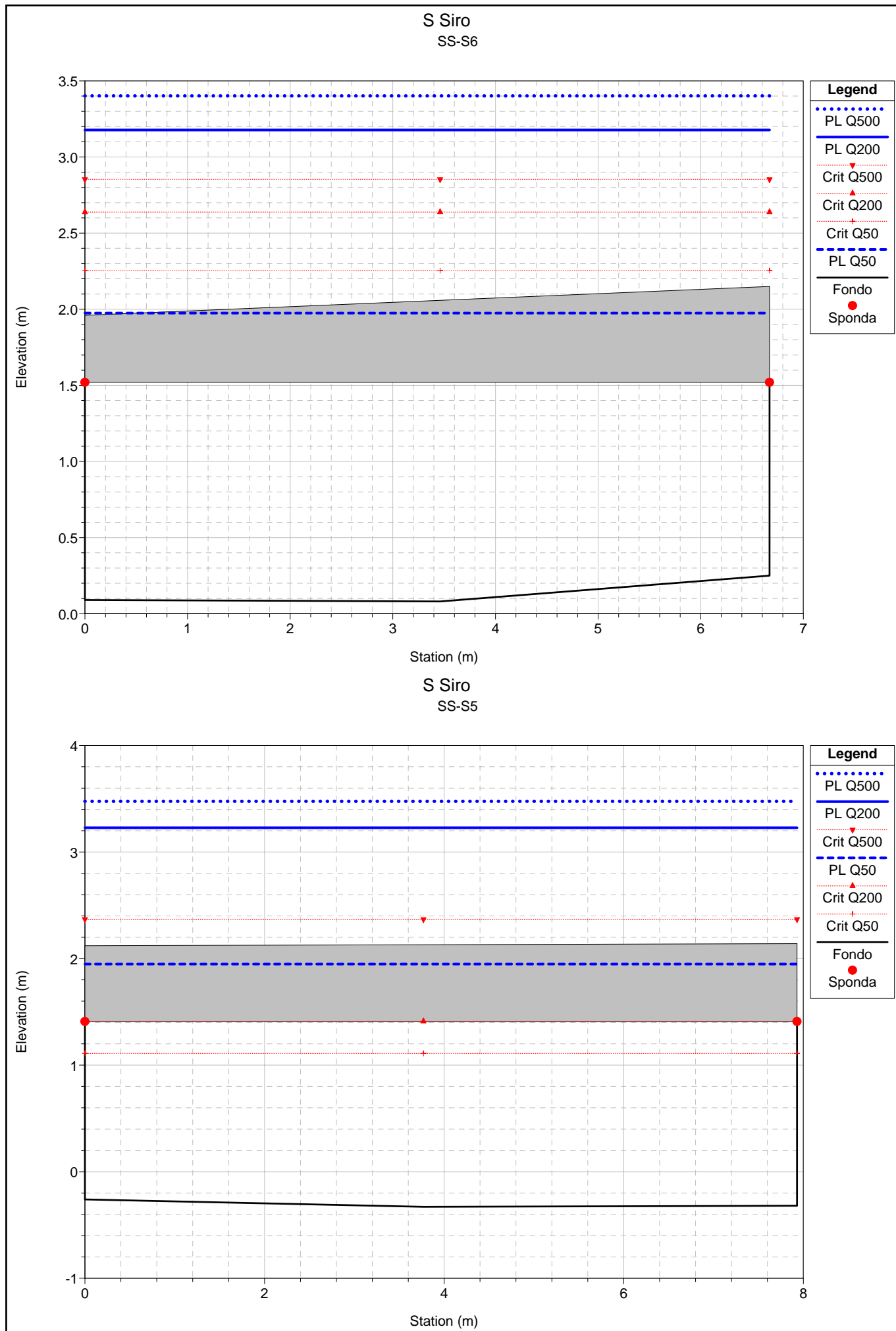


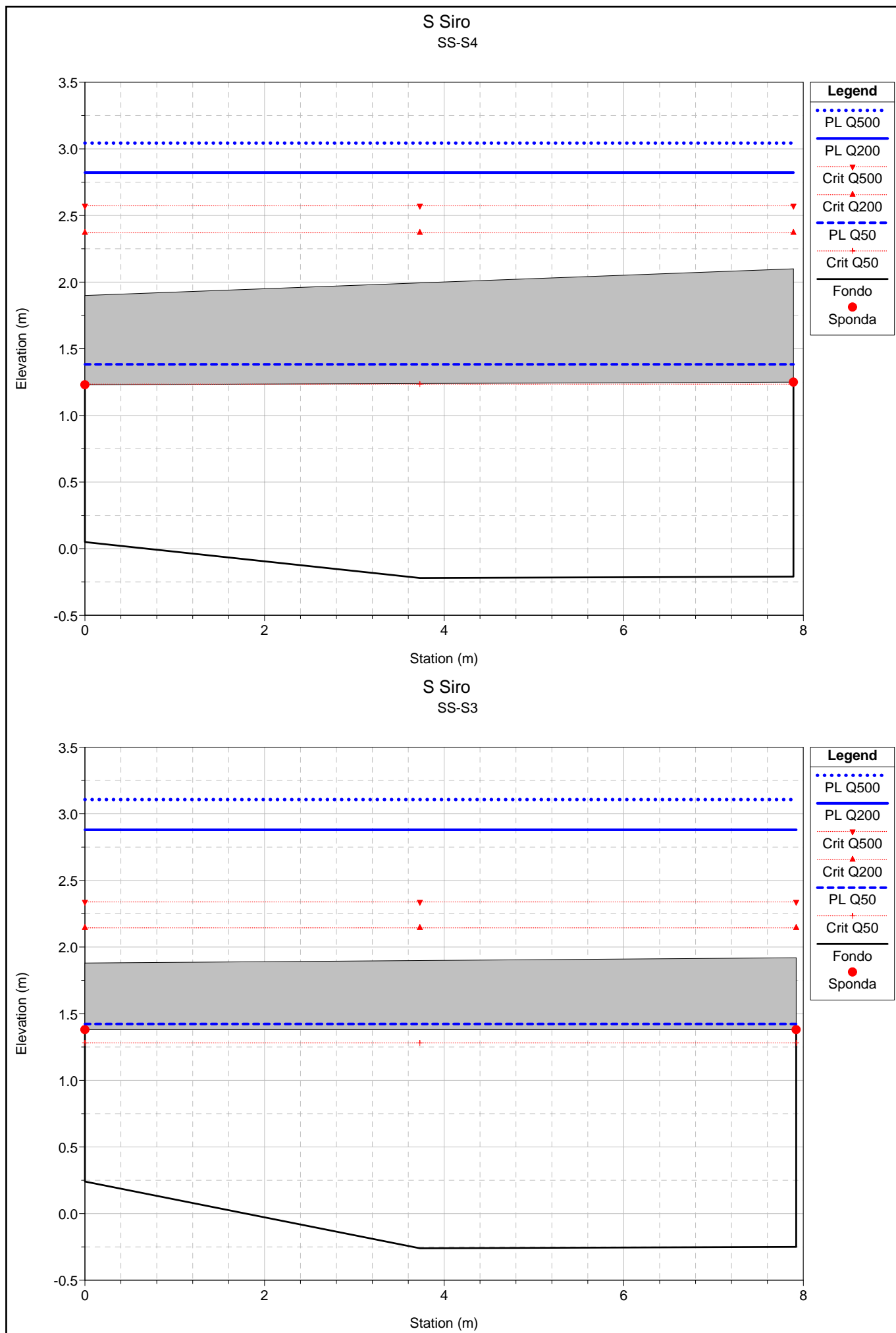


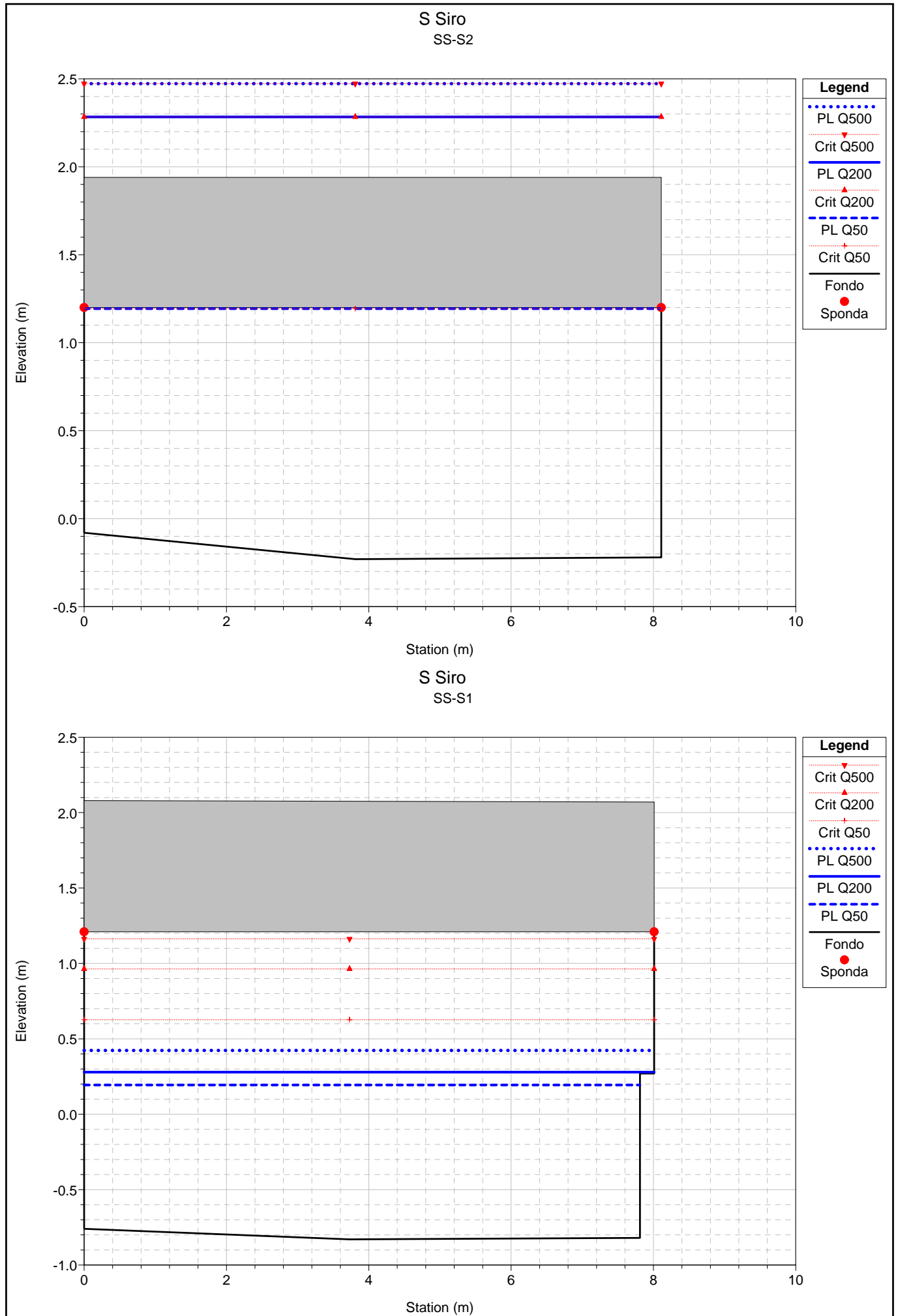












HEC-RAS Plan: SA_interp

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	
San Siro	90	SS-S90	Q50	62.40	29.75	32.35	32.30	-0.05	32.75	0.40	31.08	32.47	0.000762	1.53	40.76	18.10	0.33
San Siro	90	SS-S90	Q200	88.30	29.75	32.92	32.30	-0.62	32.75	-0.17	31.38	33.07	0.000760	1.72	51.31	18.50	0.33
San Siro	90	SS-S90	Q500	104.60	29.75	33.20	32.30	-0.90	32.75	-0.45	31.56	33.37	0.000800	1.86	56.38	18.50	0.34
San Siro	89	SS-S89	Q50	62.40	29.73	31.75	32.64	0.89	32.02	0.27	31.65	32.45	0.003549	3.72	16.80	10.08	0.92
San Siro	89	SS-S89	Q200	88.30	29.73	32.27	32.64	0.37	32.02	-0.25	32.15	33.06	0.003089	3.93	22.45	12.74	0.95
San Siro	89	SS-S89	Q500	104.60	29.73	32.61	32.64	0.03	32.02	-0.59	32.48	33.36	0.002660	3.82	27.40	15.87	0.93
San Siro	88	SS-S88	Q50	62.40	29.73	31.65	32.64	0.99	32.02	0.37	31.65	32.44	0.004213	3.94	15.83	9.97	1.00
San Siro	88	SS-S88	Q200	88.30	29.73	32.15	32.64	0.49	32.02	-0.13	32.15	33.05	0.003720	4.21	20.97	11.64	1.00
San Siro	88	SS-S88	Q500	104.60	29.73	32.48	32.64	0.16	32.02	-0.46	32.48	33.35	0.003191	4.12	25.37	14.66	1.00
San Siro	87.9	SS-S88	Q50	62.40	27.70	28.52	31.75	3.23	32.43	3.91	29.40	32.44	0.053655	8.78	7.11	9.33	3.21
San Siro	87.9	SS-S88	Q200	88.30	27.70	28.78	31.75	2.97	32.43	3.65	29.78	33.05	0.044592	9.16	9.64	10.20	3.01
San Siro	87.9	SS-S88	Q500	104.60	27.70	32.76	31.75	-1.01	32.43	-0.33	30.00	32.95	0.000413	1.93	54.12	11.20	0.28
San Siro	87.	SS-S87	Q50	62.40	27.70	28.42	31.74	3.32	31.45	3.03	29.23	31.93	0.050895	8.30	7.52	10.48	3.13
San Siro	87.	SS-S87	Q200	88.30	27.70	28.65	31.74	3.09	31.45	2.80	29.64	32.62	0.041415	8.82	10.01	10.48	2.88
San Siro	87.	SS-S87	Q500	104.60	27.70	32.75	31.74	-1.01	31.45	-1.30	29.86	32.95	0.000441	1.97	53.00	10.50	0.28
San Siro	86.9	SS-S87	Q50	62.40	26.85	27.49	31.74	4.25	31.45	3.96	28.38	31.93	0.073939	9.33	6.69	10.48	3.73
San Siro	86.9	SS-S87	Q200	88.30	26.85	27.71	31.74	4.03	31.45	3.74	28.78	32.62	0.057912	9.82	8.99	10.48	3.38
San Siro	86.9	SS-S87	Q500	104.60	26.85	32.81	31.74	-1.07	31.45	-1.36	29.02	32.95	0.000285	1.67	62.50	10.50	0.22
San Siro	86	SS-S86	Q50	62.40	26.49	27.71	29.49	1.78	32.37	4.66	28.59	30.80	0.050099	7.79	8.01	6.65	2.27
San Siro	86	SS-S86	Q200	88.30	26.49	28.08	29.49	1.41	32.37	4.29	29.13	31.67	0.043367	8.39	10.52	6.70	2.14
San Siro	86	SS-S86	Q500	104.60	26.49	32.62	29.49	-3.13	32.37	-0.25	29.44	32.94	0.001170	2.50	41.80	7.00	0.33
San Siro	85.1	SS-S85	Q50	62.40	26.45	27.94	29.33	1.38	29.35	1.41	28.60	30.12	0.016339	6.54	9.54	6.56	1.73
San Siro	85.1	SS-S85	Q200	88.30	26.45	28.34	29.33	0.99	29.35	1.01	29.15	31.04	0.016425	7.28	12.12	6.66	1.72
San Siro	85.1	SS-S85	Q500	104.60	26.45	32.59	29.33	-3.26	29.35	-3.24	29.46	32.91	0.000878	2.53	41.35	6.90	0.33
San Siro	85	SS-S85	Q50	62.40	26.05	27.39	29.33	1.94	29.35	1.96	28.20	30.13	0.039869	7.33	8.51	6.49	2.04
San Siro	85	SS-S85	Q200	88.30	26.05	27.78	29.33	1.55	29.35	1.57	28.76	31.04	0.036151	8.00	11.04	6.57	1.97
San Siro	85	SS-S85	Q500	104.60	26.05	32.63	29.33	-3.30	29.35	-3.28	29.07	32.91	0.000990	2.36	44.25	6.90	0.30
San Siro	84	SS-S84	Q50	62.40	25.19	28.63	29.02	0.39	29.05	0.42	27.50	29.09	0.002219	3.00	21.01	8.63	0.53
San Siro	84	SS-S84	Q200	88.30	25.19	30.08	29.02	-1.06	29.05	-1.03	28.07	30.47	0.001275	2.80	35.60	10.48	0.41
San Siro	84	SS-S84	Q500	104.60	25.19	32.70	29.02	-3.68	29.05	-3.65	28.41	32.90	0.000371	2.03	63.03	10.48	0.24
San Siro	83	SS-S83	Q50	62.40	24.95	28.62	29.62	1.00	29.63	1.01	27.23	29.04	0.002072	2.89	21.63	5.97	0.48
San Siro	83	SS-S83	Q200	88.30	24.95	30.02	29.62	-0.40	29.63	-0.39	27.81	30.44	0.001605	2.87	33.17	9.97	0.41
San Siro	83	SS-S83	Q500	104.60	24.95	32.68	29.62	-3.06	29.63	-3.05	28.14	32.89	0.000486	2.10	59.63	9.97	0.24
San Siro	82	SS-S82	Q50	62.40	24.48	27.44	29.36	1.92	29.40	1.96	27.44	28.88	0.010724	5.32	11.73	4.07	1.00
San Siro	82	SS-S82	Q200	88.30	24.48	29.41	29.36	-0.05	29.40	-0.01	28.30	30.34	0.005587	4.35	21.91	8.07	0.63
San Siro	82	SS-S82	Q500	104.60	24.48	32.51	29.36	-3.15	29.40	-3.11	28.79	32.86	0.001202	2.80	46.93	8.07	0.32
San Siro	81	SS-S81	Q50	62.40	24.23	26.83	29.23	2.40	29.21	2.38	27.22	28.75	0.015594	6.14	10.16	4.06	1.24
San Siro	81	SS-S81	Q200	88.30	24.23	29.40	29.23	-0.17	29.21	-0.19	27.98	30.29	0.005001	4.20	22.29	8.12	0.60
San Siro	81	SS-S81	Q500	104.60	24.23	32.51	29.23	-3.28	29.21	-3.30	28.41	32.85	0.001109	2.72	47.52	8.12	0.30
San Siro	80.01	SS-S80	Q50	62.40	23.80	26.33	29.02	2.69	29.00	2.66	26.86	28.53	0.018712	6.56	9.52	3.92	1.34
San Siro	80.01	SS-S80	Q200	88.30	23.80	29.42	29.02	-0.40	29.00	-0.42	27.66	30.21	0.004341	3.98	23.62	8.04	0.55

HEC-RAS Plan: SA_interp (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)	
San Siro	80.01	SS-S80	Q500	104.60	23.80	32.51	29.02	-3.49	29.00	-3.51	28.10	32.83	0.001056	2.65	48.51	8.04	0.29
San Siro	80	SS-S80	Q50	62.40	23.80	26.34	26.84	0.50	26.84	0.50	26.85	28.52	0.018496	6.53	9.55	3.92	1.34
San Siro	80	SS-S80	Q200	88.30	23.80	28.37	26.84	-1.53	26.84	-1.53	27.39	30.11	0.016053	5.85	15.10		0.88
San Siro	80	SS-S80	Q500	104.60	23.80	30.17	26.84	-3.33	26.84	-3.33	27.65	32.62	0.022527	6.93	15.10		0.88
San Siro	79.01	SS-S79	Q50	62.40	22.95	26.56	25.55	-1.01	25.55	-1.01	25.92	27.77	0.010291	4.88	12.79	1.91	0.84
San Siro	79.01	SS-S79	Q200	88.30	22.95	26.97	25.55	-1.42	25.55	-1.42	26.38	29.26	0.023148	6.71	13.16		1.10
San Siro	79.01	SS-S79	Q500	104.60	22.95	28.21	25.55	-2.66	25.55	-2.66	26.56	31.43	0.032483	7.95	13.16		1.13
San Siro	79	SS-S79	Q50	62.40	22.95	26.03	25.55	-0.48	25.55	-0.48	26.03	27.72	0.014690	5.76	10.84	3.21	1.11
San Siro	79	SS-S79	Q200	88.30	22.95	26.46	25.55	-0.91	25.55	-0.91	26.46	29.21	0.024545	7.35	12.02	2.20	1.32
San Siro	79	SS-S79	Q500	104.60	22.95	27.87	25.55	-2.32	25.55	-2.32	26.62	31.38	0.037894	8.30	12.60		1.24
San Siro	78	SS-S78	Q50	62.40	22.12	24.56	25.07	0.51	25.12	0.56	25.24	27.15	0.022538	7.13	8.75	3.92	1.52
San Siro	78	SS-S78	Q200	88.30	22.12	25.05	25.07	0.02	25.12	0.07	25.77	28.51	0.026760	8.24	10.72	4.04	1.62
San Siro	78	SS-S78	Q500	104.60	22.12	27.81	25.07	-2.74	25.12	-2.69	26.01	30.40	0.023898	7.12	14.69		0.98
San Siro	77	SS-S77	Q50	62.40	21.70	24.27	24.27	0.00	24.35	0.08	24.71	26.49	0.018383	6.60	9.45	4.01	1.37
San Siro	77	SS-S77	Q200	88.30	21.70	25.18	24.27	-0.91	24.35	-0.83	25.18	27.72	0.020157	7.06	12.51	2.47	1.25
San Siro	77	SS-S77	Q500	104.60	21.70	26.43	24.27	-2.16	24.35	-2.08	25.38	29.56	0.030629	7.83	13.36		1.18
San Siro	76.01	SS-S76	Q50	62.40	21.36	23.63	23.80	0.17	23.80	0.17	24.23	26.24	0.022563	7.16	8.71	4.14	1.58
San Siro	76.01	SS-S76	Q200	88.30	21.36	24.29	23.80	-0.49	23.80	-0.49	24.72	27.43	0.024770	7.85	11.25	3.25	1.51
San Siro	76.01	SS-S76	Q500	104.60	21.36	26.13	23.80	-2.33	23.80	-2.33	24.92	29.25	0.030661	7.82	13.38		1.17
San Siro	76	SS-S76	Q50	62.40	21.07	23.28	23.80	0.52	23.80	0.52	24.03	26.21	0.025987	7.58	8.23	4.07	1.70
San Siro	76	SS-S76	Q200	88.30	21.07	23.86	23.80	-0.06	23.80	-0.06	24.56	27.38	0.027105	8.31	10.62	4.01	1.66
San Siro	76	SS-S76	Q500	104.60	21.07	26.39	23.80	-2.59	23.80	-2.59	24.80	29.12	0.025578	7.31	14.30		1.04
San Siro	75.01	SS-S75	Q50	62.40	20.64	22.73	23.06	0.33	23.21	0.48	23.55	25.89	0.028912	7.88	7.92	4.00	1.79
San Siro	75.01	SS-S75	Q200	88.30	20.64	23.34	23.06	-0.28	23.21	-0.13	24.05	27.06	0.029437	8.55	10.33	3.73	1.70
San Siro	75.01	SS-S75	Q500	104.60	20.64	25.74	23.06	-2.68	23.21	-2.53	24.26	28.79	0.029510	7.74	13.52		1.11
San Siro	75	SS-S75	Q50	62.40	20.47	22.54	23.06	0.52	23.21	0.67	23.43	25.86	0.030718	8.07	7.73	4.00	1.85
San Siro	75	SS-S75	Q200	88.30	20.47	23.13	23.06	-0.07	23.21	0.08	23.95	27.03	0.030773	8.75	10.09	3.97	1.76
San Siro	75	SS-S75	Q500	104.60	20.47	25.90	23.06	-2.84	23.21	-2.69	24.18	28.71	0.026391	7.43	14.09		1.03
San Siro	74.01	SS-S74	Q50	62.40	20.11	22.16	22.89	0.73	22.92	0.76	23.12	25.69	0.033184	8.32	7.50	3.99	1.94
San Siro	74.01	SS-S74	Q200	88.30	20.11	22.74	22.89	0.15	22.92	0.18	23.63	26.86	0.032810	8.99	9.82	4.00	1.83
San Siro	74.01	SS-S74	Q500	104.60	20.11	25.79	22.89	-2.90	22.92	-2.87	23.86	28.58	0.026119	7.40	14.14		1.01
San Siro	74	SS-S74	Q50	62.40	19.58	21.62	22.89	1.27	22.92	1.30	22.78	25.62	0.039778	8.86	7.04	3.90	2.11
San Siro	74	SS-S74	Q200	88.30	19.58	22.19	22.89	0.70	22.92	0.73	23.34	26.79	0.038385	9.50	9.29	3.99	1.99
San Siro	74	SS-S74	Q500	104.60	19.58	26.17	22.89	-3.28	22.92	-3.25	23.61	28.40	0.019532	6.61	15.83		0.84
San Siro	73.01	SS-S73	Q50	62.40	19.12	21.33	21.30	-0.03	21.70	0.37	22.08	24.46	0.028207	7.83	7.97	3.96	1.77
San Siro	73.01	SS-S73	Q200	88.30	19.12	23.08	21.30	-1.78	21.70	-1.38	22.53	25.65	0.026081	7.09	12.45		1.17
San Siro	73.01	SS-S73	Q500	104.60	19.12	23.92	21.30	-2.62	21.70	-2.22	22.70	27.52	0.036599	8.40	12.45		1.25
San Siro	73	SS-S73	Q50	62.40	18.60	20.83	21.30	0.47	21.70	0.87	21.80	24.39	0.033390	8.37	7.46	3.91	1.93
San Siro	73	SS-S73	Q200	88.30	18.60	23.43	21.30	-2.13	21.70	-1.73	22.30	25.48	0.019286	6.34	13.93		0.96
San Siro	73	SS-S73	Q500	104.60	18.60	24.41	21.30	-3.11	21.70	-2.71	22.53	27.29	0.027064	7.51	13.93		1.03

HEC-RAS Plan: SA_interp (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)	
San Siro	72	SS-S72	Q50	62.40	17.82	19.99	20.30	0.31	20.26	0.27	20.71	22.86	0.026364	7.51	8.31	4.02	1.67
San Siro	72	SS-S72	Q200	88.30	17.82	22.34	20.30	-2.04	20.26	-2.08	21.20	24.54	0.021776	6.57	13.44		1.00
San Siro	72	SS-S72	Q500	104.60	17.82	22.88	20.30	-2.58	20.26	-2.62	21.41	25.96	0.030557	7.78	13.44		1.12
San Siro	71.01	SS-S71	Q50	62.40	17.70	20.47	19.77	-0.70	19.72	-0.75	20.47	22.29	0.015544	5.97	10.45	2.88	1.16
San Siro	71.01	SS-S71	Q200	88.30	17.70	20.90	19.77	-1.13	19.72	-1.18	20.90	23.91	0.026964	7.69	11.48	1.90	1.39
San Siro	71.01	SS-S71	Q500	104.60	17.70	21.03	19.77	-1.26	19.72	-1.30	21.03	25.10	0.037776	8.94	11.69	1.45	1.58
San Siro	71	SS-S71	Q50	62.40	17.23	19.53	19.77	0.24	19.72	0.19	20.17	22.19	0.023224	7.23	8.64	4.01	1.57
San Siro	71	SS-S71	Q200	88.30	17.23	19.90	19.77	-0.13	19.72	-0.18	20.66	23.81	0.031444	8.76	10.08	3.82	1.76
San Siro	71	SS-S71	Q500	104.60	17.23	20.04	19.77	-0.27	19.72	-0.31	20.88	25.00	0.039214	9.87	10.60	3.63	1.94
San Siro	70	SS-S70	Q50	62.40	17.06	19.47	19.53	0.06	19.44	-0.03	19.97	21.90	0.021875	6.91	9.03	3.94	1.46
San Siro	70	SS-S70	Q200	88.30	17.06	19.98	19.53	-0.45	19.44	-0.54	20.43	23.35	0.028511	8.13	10.86	3.16	1.55
San Siro	70	SS-S70	Q500	104.60	17.06	20.20	19.53	-0.67	19.44	-0.76	20.61	24.41	0.035622	9.09	11.51	2.75	1.67
San Siro	69.01	SS-S69	Q50	62.40	16.90	19.71	19.52	-0.19	19.50	-0.21	19.93	21.62	0.016161	6.12	10.19	3.71	1.23
San Siro	69.01	SS-S69	Q200	88.30	16.90	20.15	19.52	-0.63	19.50	-0.65	20.39	23.08	0.024369	7.58	11.65	2.89	1.41
San Siro	69.01	SS-S69	Q500	104.60	16.90	20.57	19.52	-1.05	19.50	-1.07	20.57	24.05	0.030505	8.26	12.66	1.81	1.43
San Siro	69	SS-S69	Q50	62.40	16.90	19.19	19.81	0.62	25.50	6.31	19.91	21.56	0.020727	6.83	9.14	5.01	1.61
San Siro	69	SS-S69	Q200	88.30	16.90	19.48	19.81	0.33	25.50	6.02	20.60	23.00	0.027579	8.32	10.61	5.12	1.84
San Siro	69	SS-S69	Q500	104.60	16.90	19.62	19.81	0.19	25.50	5.88	20.97	23.95	0.032287	9.22	11.35	5.17	1.99
San Siro	68	SS-S68	Q50	62.40	16.90	18.08	19.79	1.71	25.45	7.37	18.98	21.41	0.040344	8.08	7.72	7.31	2.51
San Siro	68	SS-S68	Q200	88.30	16.90	18.30	19.79	1.49	25.45	7.15	19.48	22.83	0.045212	9.43	9.36	7.36	2.67
San Siro	68	SS-S68	Q500	104.60	16.90	18.42	19.79	1.37	25.45	7.03	19.77	23.77	0.049111	10.25	10.21	7.39	2.78
San Siro	67.01	SS-S67	Q50	62.40	16.78	18.02	19.64	1.62	23.55	5.53	18.80	20.78	0.032148	7.35	8.49	8.17	2.30
San Siro	67.01	SS-S67	Q200	88.30	16.78	18.22	19.64	1.42	23.55	5.33	19.28	22.12	0.038044	8.74	10.10	8.24	2.52
San Siro	67.01	SS-S67	Q500	104.60	16.78	21.39	19.64	-1.75	23.55	2.16	19.54	21.76	0.001062	2.74	40.01	11.03	0.43
San Siro	67	SS-S67	Q50	62.40	16.56	17.65	19.64	1.99	23.55	5.90	18.49	20.73	0.038297	7.77	8.03	8.06	2.49
San Siro	67	SS-S67	Q200	88.30	16.56	17.86	19.64	1.78	23.55	5.69	18.97	22.07	0.042893	9.08	9.72	8.13	2.65
San Siro	67	SS-S67	Q500	104.60	16.56	21.42	19.64	-1.78	23.55	2.13	19.24	21.75	0.000886	2.55	42.94	11.04	0.38
San Siro	66	SS-S66	Q50	62.40	16.49	18.03	19.35	1.32	22.08	4.05	18.67	20.16	0.021376	6.46	9.65	7.79	1.85
San Siro	66	SS-S66	Q200	88.30	16.49	18.23	19.35	1.12	22.08	3.85	19.15	21.41	0.027695	7.91	11.17	7.82	2.11
San Siro	66	SS-S66	Q500	104.60	16.49	21.30	19.35	-1.95	22.08	0.78	19.44	21.73	0.001235	2.90	37.19	8.92	0.44
San Siro	65	SS-S65	Q50	62.40	16.34	17.57	19.20	1.63	23.35	5.78	18.20	19.79	0.027543	6.60	9.45	9.73	2.14
San Siro	65	SS-S65	Q200	88.30	16.34	17.73	19.20	1.47	23.35	5.62	18.61	20.93	0.034634	7.92	11.14	10.20	2.42
San Siro	65	SS-S65	Q500	104.60	16.34	21.43	19.20	-2.23	23.35	1.92	18.85	21.65	0.000532	2.10	50.70	11.04	0.31
San Siro	64	SS-S64	Q50	62.40	15.98	17.37	18.53	1.16	20.95	3.58	17.88	19.12	0.016457	5.87	10.64	8.09	1.63
San Siro	64	SS-S64	Q200	88.30	15.98	17.62	18.53	0.91	20.95	3.33	18.36	20.08	0.019436	6.95	12.70	8.14	1.78
San Siro	64	SS-S64	Q500	104.60	15.98	21.39	18.53	-2.86	20.95	-0.44	18.66	21.64	0.000590	2.24	52.64	12.64	0.31
San Siro	63	SS-S63	Q50	62.40	15.75	17.14	18.30	1.16	22.09	4.95	17.67	18.94	0.017139	5.94	10.50	8.18	1.67
San Siro	63	SS-S63	Q200	88.30	15.75	17.40	18.30	0.90	22.09	4.69	18.15	19.88	0.019611	6.97	12.67	8.23	1.79
San Siro	63	SS-S63	Q500	104.60	15.75	21.40	18.30	-3.10	22.09	0.69	18.46	21.63	0.000543	2.16	52.68	10.63	0.30
San Siro	62	SS-S62	Q50	76.00	15.02	17.00	18.40	1.40	20.76	3.76	17.26	18.31	0.008674	5.07	14.98	8.51	1.22
San Siro	62	SS-S62	Q200	105.90	15.02	19.09	18.40	-0.69	20.76	1.67	17.75	19.46	0.001358	2.85	44.78	16.78	0.47

HEC-RAS Plan: SA_interp (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	
San Siro	62	SS-S62	Q500	124.50	15.02	21.45	18.40	-3.05	20.76	-0.69	18.04	21.58	0.000328	1.81	90.62	24.89	0.23
San Siro	61	SS-S61	Q50	76.00	14.46	15.94	17.76	1.82	20.28	4.34	16.52	17.89	0.016751	6.18	12.31	8.87	1.67
San Siro	61	SS-S61	Q200	105.90	14.46	19.07	17.76	-1.31	20.28	1.21	17.00	19.40	0.000962	2.59	41.95	10.22	0.39
San Siro	61	SS-S61	Q500	124.50	14.46	21.39	17.76	-3.63	20.28	-1.11	17.28	21.57	0.000329	1.92	74.29	18.31	0.24
San Siro	60	SS-S60	Q50	76.00	14.33	15.51	17.81	2.30	19.98	4.47	16.16	17.70	0.023171	6.56	11.59	10.49	1.99
San Siro	60	SS-S60	Q200	105.90	14.33	19.14	17.81	-1.33	19.98	0.84	16.59	19.36	0.000548	2.08	52.01	11.95	0.31
San Siro	60	SS-S60	Q500	124.50	14.33	21.43	17.81	-3.62	19.98	-1.45	16.84	21.55	0.000189	1.55	93.48	19.99	0.19
San Siro	59	SS-S59	Q50	76.00	14.30	15.53	17.81	2.28	17.15	1.62	16.15	17.65	0.021493	6.45	11.78	10.32	1.93
San Siro	59	SS-S59	Q200	105.90	14.30	19.18	17.81	-1.37	17.15	-2.03	16.60	19.34	0.000372	1.88	67.57	19.93	0.28
San Siro	59	SS-S59	Q500	124.50	14.30	21.45	17.81	-3.64	17.15	-4.30	16.85	21.54	0.000121	1.39	112.84	19.93	0.17
San Siro	58	SS-S58	Q50	76.00	13.95	15.14	17.80	2.66	17.14	2.00	15.78	17.30	0.023385	6.52	11.65	10.79	2.00
San Siro	58	SS-S58	Q200	105.90	13.95	19.20	17.80	-1.40	17.14	-2.06	16.20	19.33	0.000293	1.70	73.88	20.28	0.24
San Siro	58	SS-S58	Q500	124.50	13.95	21.46	17.80	-3.66	17.14	-4.32	16.45	21.53	0.000105	1.30	119.77	20.28	0.15
San Siro	57	SS-S 57	Q50	76.00	12.89	16.36	16.54	0.18	17.30	0.94	15.02	16.70	0.001399	2.58	29.42	9.36	0.47
San Siro	57	SS-S 57	Q200	105.90	12.89	19.20	16.54	-2.66	17.30	-1.90	15.51	19.31	0.000315	1.58	85.11	24.91	0.21
San Siro	57	SS-S 57	Q500	124.50	12.89	21.47	16.54	-4.93	17.30	-4.17	15.79	21.53	0.000120	1.21	141.47	24.91	0.13
San Siro	56	SS-S56	Q50	76.00	12.81	15.39	16.46	1.07	15.80	0.41	15.39	16.60	0.007188	4.88	15.57	6.43	1.00
San Siro	56	SS-S56	Q200	105.90	12.81	19.13	16.46	-2.67	15.80	-3.33	16.13	19.31	0.000432	2.06	72.50	22.49	0.27
San Siro	56	SS-S56	Q500	124.50	12.81	21.43	16.46	-4.97	15.80	-5.63	16.68	21.52	0.000153	1.52	124.39	22.49	0.17
San Siro	55.2	SS-S55	Q50	76.00	12.64	15.35	16.05	0.70	16.09	0.74	15.21	16.43	0.006187	4.62	16.45	6.44	0.92
San Siro	55.2	SS-S55	Q200	105.90	12.64	18.97	16.05	-2.92	16.09	-2.88	15.82	19.28	0.000666	2.53	49.85	15.97	0.32
San Siro	55.2	SS-S55	Q500	124.50	12.64	21.35	16.05	-5.30	16.09	-5.26	16.21	21.51	0.000249	1.92	87.77	15.97	0.21
San Siro	55	SS-S55	Q50	76.00	12.64	15.21	16.05	0.84	16.05	0.84	15.21	16.42	0.007183	4.88	15.58	6.41	1.00
San Siro	55	SS-S55	Q200	105.90	12.64	17.89	16.05	-1.84	16.05	-1.84	15.82	19.19	0.010836	5.04	21.00		0.71
San Siro	55	SS-S55	Q500	124.50	12.64	19.56	16.05	-3.51	16.05	-3.51	16.05	21.35	0.014977	5.93	21.00		0.73
San Siro	54	SS-S54	Q50	76.00	12.45	14.96	15.40	0.44	15.40	0.44	14.99	16.20	0.007493	4.94	15.37	6.45	1.02
San Siro	54	SS-S54	Q200	105.90	12.45	17.18	15.40	-1.78	15.40	-1.78	15.40	18.90	0.016419	5.81	18.23		0.87
San Siro	54	SS-S54	Q500	124.50	12.45	18.58	15.40	-3.18	15.40	-3.18	15.40	20.96	0.022693	6.83	18.23		0.89
San Siro	53	SS-S53	Q50	76.00	12.25	14.90	15.64	0.74	15.64	0.74	14.78	16.00	0.006296	4.63	16.40	6.47	0.93
San Siro	53	SS-S53	Q200	105.90	12.25	17.25	15.64	-1.61	15.64	-1.61	15.38	18.52	0.010621	5.00	21.20		0.72
San Siro	53	SS-S53	Q500	124.50	12.25	18.67	15.64	-3.03	15.64	-3.03	15.63	20.43	0.014679	5.87	21.20		0.75
San Siro	52	SS-S52	Q50	76.00	11.94	14.85	14.85	0.00	14.85	0.00	14.49	15.77	0.008896	4.24	17.91		0.82
San Siro	52	SS-S52	Q200	105.90	11.94	16.28	14.85	-1.43	14.85	-1.43	14.84	18.07	0.017272	5.91	17.91		0.92
San Siro	52	SS-S52	Q500	124.50	11.94	17.34	14.85	-2.49	14.85	-2.49	14.85	19.80	0.023872	6.95	17.91		0.97
San Siro	51	SS-S51	Q50	76.00	11.62	14.57	14.51	-0.06	14.51	-0.06	14.26	15.58	0.010076	4.45	17.06		0.86
San Siro	51	SS-S51	Q200	105.90	11.62	15.73	14.51	-1.22	14.51	-1.22	14.51	17.69	0.019563	6.21	17.06		1.00
San Siro	51	SS-S51	Q500	124.50	11.62	16.57	14.51	-2.06	14.51	-2.06	14.51	19.28	0.027039	7.30	17.06		1.07
San Siro	50	SS-S50	Q50	76.00	11.38	14.48	14.39	-0.09	14.39	-0.09	14.04	15.42	0.009046	4.29	17.70		0.81
San Siro	50	SS-S50	Q200	105.90	11.38	15.56	14.39	-1.17	14.39	-1.17	14.39	17.38	0.017564	5.98	17.70		0.96
San Siro	50	SS-S50	Q500	124.50	11.38	16.33	14.39	-1.94	14.39	-1.94	14.39	18.85	0.024275	7.03	17.70		1.03

HEC-RAS Plan: SA_interp (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
San Siro	49	SS-S49	Q50	76.00	10.92	14.20	14.01	-0.19	13.99	-0.21	13.60	15.10	0.008555	4.22	18.02	0.77
San Siro	49	SS-S49	Q200	105.90	10.92	15.01	14.01	-1.00	13.99	-1.02	14.00	16.77	0.016610	5.88	18.02	0.96
San Siro	49	SS-S49	Q500	124.50	10.92	15.57	14.01	-1.56	13.99	-1.58	14.00	18.01	0.022957	6.91	18.02	1.05
San Siro	48	SS-S48	Q50	76.00	10.76	13.94	13.55	-0.39	13.50	-0.45	13.44	15.01	0.011918	4.59	16.57	0.85
San Siro	48	SS-S48	Q200	105.90	10.76	14.52	13.55	-0.97	13.50	-1.02	13.59	16.60	0.021691	6.39	16.56	1.09
San Siro	48	SS-S48	Q500	124.50	10.76	14.90	13.55	-1.35	13.50	-1.40	13.61	17.78	0.029979	7.52	16.56	1.22
San Siro	47	SS-S47	Q50	76.00	10.67	13.96	13.51	-0.45	13.51	-0.45	13.22	14.92	0.009541	4.35	17.48	0.78
San Siro	47	SS-S47	Q200	105.90	10.67	15.30	13.51	-1.79	13.51	-1.79	14.33	16.17	0.007704	4.12	25.70	0.62
San Siro	47	SS-S47	Q500	124.50	10.67	16.33	13.51	-2.82	13.51	-2.82	14.68	17.08	0.004962	3.85	32.32	0.52
San Siro	46	SS-S46	Q50	76.00	10.26	13.53	13.09	-0.44	12.95	-0.58	12.93	14.63	0.012244	4.64	16.37	0.85
San Siro	46	SS-S46	Q200	105.90	10.26	15.09	13.09	-2.00	12.95	-2.14	14.04	15.95	0.009033	4.11	25.77	0.61
San Siro	46	SS-S46	Q500	124.50	10.26	16.20	13.09	-3.11	12.95	-3.24	14.39	16.94	0.006293	3.82	32.63	0.51
San Siro	45	SS-S45	Q50	76.00	10.07	13.42	12.93	-0.49	13.03	-0.39	12.65	14.30	0.012352	4.17	18.22	0.74
San Siro	45	SS-S45	Q200	105.90	10.07	14.28	12.93	-1.35	13.03	-1.25	12.96	15.30	0.009948	4.46	23.73	0.71
San Siro	45	SS-S45	Q500	124.50	10.07	12.48	12.93	0.44	13.03	0.54	12.98	16.28	0.023860	8.63	14.42	1.82
San Siro	44	SS-S44	Q50	76.00	9.45	13.24	12.32	-0.92	12.32	-0.92	12.04	13.93	0.008155	3.69	20.62	0.62
San Siro	44	SS-S44	Q200	105.90	9.45	14.17	12.32	-1.85	12.32	-1.85	13.05	14.98	0.006811	3.99	26.56	0.60
San Siro	44	SS-S44	Q500	124.50	9.45	14.61	12.32	-2.29	12.32	-2.29	13.40	15.52	0.006740	4.24	29.35	0.61
San Siro	43	SS-S43	Q50	76.00	9.09	12.96	11.96	-1.00	11.96	-1.00	11.76	13.73	0.009433	3.90	19.50	0.65
San Siro	43	SS-S43	Q200	105.90	9.09	13.95	11.96	-1.99	11.96	-1.99	12.91	14.82	0.007369	4.13	25.63	0.61
San Siro	43	SS-S43	Q500	124.50	9.09	14.37	11.96	-2.41	11.96	-2.41	13.26	15.36	0.007369	4.41	28.24	0.62
San Siro	42	SS-S42	Q50	76.00	8.66	12.32	11.60	-0.71	11.60	-0.71	11.38	13.40	0.010844	4.61	16.47	0.79
San Siro	42	SS-S42	Q200	105.90	8.66	12.93	11.60	-1.33	11.60	-1.33	12.90	14.48	0.019038	5.53	19.14	0.87
San Siro	42	SS-S42	Q500	124.50	8.66	13.29	11.60	-1.69	11.60	-1.69	13.26	15.03	0.018368	5.84	21.32	0.88
San Siro	41	SS-S41	Q50	76.00	8.34	12.07	11.23	-0.84	11.22	-0.85	11.09	12.99	0.012152	4.26	17.83	0.72
San Siro	41	SS-S41	Q200	105.90	8.34	12.75	11.23	-1.52	11.22	-1.53	12.25	13.94	0.011998	4.85	21.84	0.75
San Siro	41	SS-S41	Q500	124.50	8.34	13.14	11.23	-1.91	11.22	-1.92	12.61	14.49	0.011861	5.15	24.15	0.77
San Siro	40	SS-S40	Q50	76.00	7.88	11.67	10.65	-1.02	10.67	-1.00	10.65	12.52	0.010230	4.08	18.61	0.69
San Siro	40	SS-S40	Q200	105.90	7.88	12.38	10.65	-1.73	10.67	-1.70	11.72	13.48	0.010125	4.65	22.79	0.72
San Siro	40	SS-S40	Q500	124.50	7.88	12.78	10.65	-2.13	10.67	-2.11	12.09	14.02	0.010030	4.94	25.18	0.73
San Siro	39	SS-S39	Q50	76.00	7.69	11.28	10.35	-0.93	10.33	-0.95	10.33	12.27	0.013133	4.41	17.25	0.77
San Siro	39	SS-S39	Q200	105.90	7.69	11.97	10.35	-1.62	10.33	-1.64	11.56	13.23	0.012592	4.97	21.31	0.79
San Siro	39	SS-S39	Q500	124.50	7.69	12.37	10.35	-2.02	10.33	-2.04	11.93	13.78	0.012254	5.26	23.68	0.79
San Siro	38	SS-S38	Q50	76.00	7.19	10.80	9.86	-0.94	9.85	-0.95	9.86	11.76	0.011981	4.33	17.54	0.75
San Siro	38	SS-S38	Q200	105.90	7.19	11.50	9.86	-1.64	9.85	-1.65	11.01	12.73	0.011660	4.91	21.58	0.78
San Siro	38	SS-S38	Q500	124.50	7.19	11.91	9.86	-2.05	9.85	-2.06	11.38	13.29	0.011424	5.20	23.93	0.78
San Siro	37	SS-S37	Q50	76.00	6.59	10.29	9.27	-1.02	9.26	-1.03	9.88	11.29	0.012551	4.42	17.20	0.76
San Siro	37	SS-S37	Q200	105.90	6.59	10.98	9.27	-1.71	9.26	-1.72	10.54	12.27	0.012393	5.03	21.06	0.79
San Siro	37	SS-S37	Q500	124.50	6.59	11.38	9.27	-2.11	9.26	-2.12	10.92	12.84	0.012210	5.34	23.31	0.80
San Siro	36	SS-S36	Q50	76.00	6.18	9.98	8.79	-1.19	8.82	-1.16	9.46	10.91	0.011165	4.29	17.72	0.73
San Siro	36	SS-S36	Q200	105.90	6.18	10.67	8.79	-1.88	8.82	-1.85	10.12	11.90	0.011249	4.91	21.57	0.76

HEC-RAS Plan: SA_interp (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	
San Siro	36	SS-S36	Q500	124.50	6.18	11.07	8.79	-2.28	8.82	-2.25	10.50	12.47	0.011189	5.23	23.81	5.55	0.77
San Siro	35	SS-S35	Q50	76.00	5.54	9.40	8.17	-1.23	8.16	-1.24	8.91	10.35	0.011453	4.31	17.65	5.60	0.72
San Siro	35	SS-S35	Q200	105.90	5.54	10.13	8.17	-1.96	8.16	-1.97	9.57	11.34	0.011156	4.88	21.71	5.60	0.75
San Siro	35	SS-S35	Q500	124.50	5.54	10.54	8.17	-2.37	8.16	-2.38	9.95	11.91	0.011042	5.19	23.99	5.60	0.76
San Siro	34	SS-S34	Q50	76.00	5.47	9.23	8.07	-1.16	8.07	-1.16	8.86	10.26	0.013052	4.49	16.94	5.58	0.76
San Siro	34	SS-S34	Q200	105.90	5.47	9.95	8.07	-1.88	8.07	-1.88	9.52	11.25	0.012524	5.06	20.93	5.58	0.78
San Siro	34	SS-S34	Q500	124.50	5.47	10.34	8.07	-2.27	8.07	-2.27	9.90	11.82	0.012372	5.38	23.15	5.58	0.80
San Siro	33	SS-S33	Q50	76.00	5.30	9.10	7.88	-1.22	7.87	-1.23	8.54	10.01	0.010833	4.25	17.90	5.55	0.71
San Siro	33	SS-S33	Q200	105.90	5.30	9.82	7.88	-1.94	7.87	-1.95	9.21	11.01	0.010685	4.83	21.93	5.55	0.74
San Siro	33	SS-S33	Q500	124.50	5.30	10.23	7.88	-2.35	7.87	-2.36	9.58	11.58	0.010612	5.14	24.22	5.55	0.75
San Siro	32	SS-S32	Q50	76.00	4.98	8.89	7.55	-1.34	7.53	-1.36	8.22	9.75	0.009575	4.10	18.53	5.53	0.68
San Siro	32	SS-S32	Q200	105.90	4.98	9.62	7.55	-2.07	7.53	-2.09	8.88	10.74	0.009615	4.69	22.59	5.53	0.71
San Siro	32	SS-S32	Q500	124.50	4.98	10.04	7.55	-2.49	7.53	-2.51	9.26	11.31	0.009621	5.00	24.89	5.53	0.73
San Siro	31	SS-S31	Q50	76.00	4.74	8.37	7.24	-1.13	7.19	-1.18	8.09	9.47	0.014051	4.63	16.40	5.54	0.80
San Siro	31	SS-S31	Q200	105.90	4.74	9.07	7.24	-1.83	7.19	-1.88	8.75	10.46	0.013463	5.22	20.27	5.54	0.83
San Siro	31	SS-S31	Q500	124.50	4.74	9.46	7.24	-2.22	7.19	-2.27	9.13	11.03	0.013297	5.55	22.42	5.54	0.84
San Siro	30	SS-S30	Q50	76.00	4.20	8.02	6.85	-1.17	6.83	-1.19	7.65	9.07	0.012993	4.54	16.75	5.47	0.78
San Siro	30	SS-S30	Q200	105.90	4.20	8.69	6.85	-1.84	6.83	-1.86	8.33	10.06	0.013009	5.18	20.44	5.47	0.81
San Siro	30	SS-S30	Q500	124.50	4.20	9.07	6.85	-2.22	6.83	-2.24	8.71	10.63	0.012997	5.53	22.53	5.47	0.83
San Siro	29	SS-S29	Q50	76.00	3.76	7.87	6.41	-1.46	6.42	-1.45	6.41	8.59	0.007440	3.76	20.22	5.82	0.62
San Siro	29	SS-S29	Q200	105.90	3.76	8.60	6.41	-2.19	6.42	-2.18	7.63	9.55	0.007661	4.33	24.46	5.82	0.65
San Siro	29	SS-S29	Q500	124.50	3.76	9.02	6.41	-2.61	6.42	-2.60	7.99	10.11	0.007726	4.63	26.89	5.82	0.66
San Siro	28	SS-S 28	Q50	76.00	3.65	7.46	6.24	-1.22	6.29	-1.17	6.25	8.39	0.011913	4.28	17.77	6.03	0.73
San Siro	28	SS-S 28	Q200	105.90	3.65	8.22	6.24	-1.98	6.29	-1.93	7.67	9.36	0.010805	4.74	22.33	6.03	0.73
San Siro	28	SS-S 28	Q500	124.50	3.65	8.65	6.24	-2.41	6.29	-2.36	8.03	9.92	0.010275	4.98	24.98	6.03	0.73
San Siro	27	SS-S27	Q50	76.00	3.42	7.42	6.08	-1.34	6.09	-1.33	6.08	8.12	0.007604	3.70	20.55	6.07	0.61
San Siro	27	SS-S27	Q200	105.90	3.42	8.20	6.08	-2.12	6.09	-2.11	7.18	9.09	0.007390	4.19	25.29	6.07	0.63
San Siro	27	SS-S27	Q500	124.50	3.42	8.65	6.08	-2.57	6.09	-2.56	7.54	9.66	0.007247	4.44	28.03	6.07	0.63
San Siro	26	SS-S26	Q50	76.00	3.16	6.77	5.56	-1.21	5.54	-1.23	6.37	7.78	0.012705	4.45	17.07	5.58	0.76
San Siro	26	SS-S26	Q200	105.90	3.16	7.39	5.56	-1.83	5.54	-1.85	7.03	8.75	0.013364	5.16	20.52	5.58	0.81
San Siro	26	SS-S26	Q500	124.50	3.16	7.74	5.56	-2.18	5.54	-2.20	7.41	9.30	0.013639	5.54	22.47	5.58	0.84
San Siro	25	SS-S25	Q50	76.00	3.00	6.44	5.34	-1.10	5.33	-1.11	6.19	7.53	0.014561	4.62	16.44	5.70	0.81
San Siro	25	SS-S25	Q200	105.90	3.00	7.04	5.34	-1.70	5.33	-1.71	6.83	8.49	0.015126	5.34	19.84	5.70	0.86
San Siro	25	SS-S25	Q500	124.50	3.00	7.39	5.34	-2.05	5.33	-2.06	7.21	9.05	0.015150	5.70	21.85	5.70	0.88
San Siro	24	SS-S24	Q50	76.00	2.71	6.20	4.98	-1.22	4.98	-1.22	5.73	7.12	0.011354	4.25	17.88	5.88	0.74
San Siro	24	SS-S24	Q200	105.90	2.71	6.82	4.98	-1.84	4.98	-1.84	6.37	8.05	0.011898	4.92	21.52	5.88	0.78
San Siro	24	SS-S24	Q500	124.50	2.71	7.20	4.98	-2.22	4.98	-2.22	6.73	8.60	0.011844	5.24	23.75	5.88	0.80
San Siro	23	SS-S23	Q50	76.00	2.35	5.66	4.62	-1.04	4.59	-1.07	5.38	6.68	0.014018	4.48	16.97	6.07	0.80
San Siro	23	SS-S23	Q200	105.90	2.35	6.32	4.62	-1.70	4.59	-1.73	6.01	7.62	0.013443	5.05	20.97	6.07	0.82
San Siro	23	SS-S23	Q500	124.50	2.35	6.77	4.62	-2.15	4.59	-2.18	6.36	8.18	0.012397	5.26	23.68	6.07	0.81

HEC-RAS Plan: SA_interp (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
San Siro	22 SS-S 22	Q50	76.00	1.96	4.95	4.19	-0.76	4.07	-0.88	4.12	6.15	0.019277	4.85	15.67	6.45	0.91
San Siro	22 SS-S 22	Q200	105.90	1.96	5.37	4.19	-1.18	4.07	-1.30	4.16	7.06	0.022093	5.77	18.36	6.45	1.01
San Siro	22 SS-S 22	Q500	124.50	1.96	5.56	4.19	-1.37	4.07	-1.49	4.16	7.61	0.024480	6.35	19.62	6.45	1.08
San Siro	21 SS-S21	Q50	76.00	1.89	5.28	4.02	-1.26	3.95	-1.33	3.97	5.91	0.008311	3.53	21.54	7.93	0.62
San Siro	21 SS-S21	Q200	105.90	1.89	5.92	4.02	-1.90	3.95	-1.97	3.99	6.73	0.007934	3.97	26.65	7.93	0.64
San Siro	21 SS-S21	Q500	124.50	1.89	6.29	4.02	-2.27	3.95	-2.34	5.49	7.20	0.007749	4.21	29.58	7.93	0.65
San Siro	20 SS-S20	Q50	76.00	1.67	5.17	3.74	-1.43	3.69	-1.48	3.71	5.75	0.006964	3.35	22.65	7.87	0.58
San Siro	20 SS-S20	Q200	105.90	1.67	5.83	3.74	-2.09	3.69	-2.14	4.94	6.57	0.006849	3.81	27.78	7.87	0.61
San Siro	20 SS-S20	Q500	124.50	1.67	6.20	3.74	-2.46	3.69	-2.51	5.24	7.04	0.006777	4.05	30.71	7.87	0.62
San Siro	19 SS-S19	Q50	76.00	1.50	5.06	3.52	-1.54	3.52	-1.54	4.25	5.61	0.006566	3.30	23.05	7.90	0.57
San Siro	19 SS-S19	Q200	105.90	1.50	5.72	3.52	-2.20	3.52	-2.20	4.78	6.43	0.006487	3.75	28.23	7.90	0.59
San Siro	19 SS-S19	Q500	124.50	1.50	6.09	3.52	-2.57	3.52	-2.57	5.08	6.90	0.006429	3.99	31.19	7.90	0.60
San Siro	18 SS-S18	Q50	76.00	1.27	5.00	3.37	-1.63	3.37	-1.63	3.37	5.48	0.005274	3.07	24.80	7.98	0.51
San Siro	18 SS-S18	Q200	105.90	1.27	5.67	3.37	-2.30	3.37	-2.30	4.51	6.30	0.005376	3.52	30.08	7.98	0.54
San Siro	18 SS-S18	Q500	124.50	1.27	6.04	3.37	-2.67	3.37	-2.67	4.81	6.76	0.005399	3.76	33.11	7.98	0.56
San Siro	17 SS-S17	Q50	76.00	1.09	4.80	3.14	-1.66	3.10	-1.70	3.91	5.33	0.005991	3.22	23.61	7.83	0.54
San Siro	17 SS-S17	Q200	105.90	1.09	5.45	3.14	-2.31	3.10	-2.35	4.43	6.14	0.006070	3.69	28.70	7.83	0.57
San Siro	17 SS-S17	Q500	124.50	1.09	5.82	3.14	-2.68	3.10	-2.72	4.73	6.61	0.006090	3.94	31.59	7.83	0.59
San Siro	16 SS-S16	Q50	76.00	1.03	4.70	2.98	-1.72	2.97	-1.73	3.82	5.23	0.006004	3.25	23.41	7.75	0.55
San Siro	16 SS-S16	Q200	105.90	1.03	5.34	2.98	-2.36	2.97	-2.37	4.34	6.05	0.006120	3.73	28.40	7.75	0.58
San Siro	16 SS-S16	Q500	124.50	1.03	5.71	2.98	-2.73	2.97	-2.74	4.65	6.52	0.006154	3.99	31.24	7.75	0.60
San Siro	15 SS-S15	Q50	76.00	0.95	4.52	2.83	-1.69	2.80	-1.72	3.75	5.09	0.006723	3.34	22.75	7.90	0.58
San Siro	15 SS-S15	Q200	105.90	0.95	5.17	2.83	-2.34	2.80	-2.37	4.27	5.90	0.006639	3.80	27.87	7.90	0.60
San Siro	15 SS-S15	Q500	124.50	0.95	5.54	2.83	-2.71	2.80	-2.74	4.58	6.37	0.006580	4.04	30.79	7.90	0.61
San Siro	14 SS-S14	Q50	76.00	0.68	4.29	2.57	-1.72	2.56	-1.73	3.52	4.86	0.006684	3.34	22.73	7.90	0.58
San Siro	14 SS-S14	Q200	105.90	0.68	4.94	2.57	-2.37	2.56	-2.38	4.05	5.68	0.006580	3.80	27.86	7.90	0.60
San Siro	14 SS-S14	Q500	124.50	0.68	5.32	2.57	-2.75	2.56	-2.76	4.35	6.15	0.006511	4.04	30.80	7.90	0.61
San Siro	13 SS-S13	Q50	76.00	0.54	4.12	2.25	-1.87	2.25	-1.87	3.39	4.71	0.006836	3.38	22.49	7.88	0.58
San Siro	13 SS-S13	Q200	105.90	0.54	4.77	2.25	-2.52	2.25	-2.52	3.91	5.52	0.006739	3.84	27.56	7.88	0.61
San Siro	13 SS-S13	Q500	124.50	0.54	5.13	2.25	-2.88	2.25	-2.88	4.21	5.99	0.006690	4.09	30.43	7.88	0.62
San Siro	12 SS-S12	Q50	76.00	0.38	4.11	2.00	-2.11	2.05	-2.06	3.12	4.60	0.005202	3.10	24.52	7.94	0.52
San Siro	12 SS-S12	Q200	105.90	0.38	4.76	2.00	-2.76	2.05	-2.71	3.65	5.41	0.005338	3.57	29.69	7.94	0.55
San Siro	12 SS-S12	Q500	124.50	0.38	5.13	2.00	-3.13	2.05	-3.08	3.95	5.87	0.005389	3.82	32.63	7.94	0.56
San Siro	11 SS-S11	Q50	76.00	0.28	3.89	1.84	-2.05	1.83	-2.06	3.22	4.48	0.007213	3.40	22.33	8.14	0.58
San Siro	11 SS-S11	Q200	105.90	0.28	4.55	1.84	-2.71	1.83	-2.72	3.74	5.29	0.006866	3.83	27.65	8.14	0.60
San Siro	11 SS-S11	Q500	124.50	0.28	4.92	1.84	-3.08	1.83	-3.09	4.03	5.76	0.006709	4.06	30.69	8.14	0.61
San Siro	10 SS-S10	Q50	76.00	0.28	3.85	1.80	-2.05	1.80	-2.05	3.07	4.41	0.006463	3.30	23.05	8.04	0.56
San Siro	10 SS-S10	Q200	105.90	0.28	4.51	1.80	-2.71	1.80	-2.71	3.59	5.22	0.006319	3.74	28.31	8.04	0.59
San Siro	10 SS-S10	Q500	124.50	0.28	4.88	1.80	-3.08	1.80	-3.08	3.89	5.68	0.006245	3.98	31.31	8.04	0.60
San Siro	9.3 SS-S9	Q50	76.00	0.07	4.01	1.80	-2.21	1.80	-2.21	1.80	4.29	0.002732	2.35	32.37	9.88	0.38
San Siro	9.3 SS-S9	Q200	105.90	0.07	4.72	1.80	-2.92	1.80	-2.92	3.01	5.09	0.002774	2.69	39.33	9.88	0.40

HEC-RAS Plan: SA_interp (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
San Siro	9.3 SS-S9	Q500	124.50	0.07	5.12	1.80	-3.32	1.80	-3.32	3.27	5.54	0.002784	2.88	43.29	9.88	0.41
San Siro	9 SS-S9	Q50	84.00	0.05	3.59	1.64	-1.95	1.66	-1.93	1.66	4.24	0.010022	3.56	23.62	8.99	0.61
San Siro	9 SS-S9	Q200	116.20	0.05	4.22	1.64	-2.58	1.66	-2.56	3.54	5.02	0.009429	3.98	29.23	8.99	0.63
San Siro	9 SS-S9	Q500	136.20	0.05	4.58	1.64	-2.94	1.66	-2.92	3.82	5.47	0.009131	4.20	32.46	8.99	0.64
San Siro	8 SS-S8	Q50	84.00	0.04	3.08	1.64	-1.44	1.64	-1.44	3.08	4.16	0.022185	4.60	18.28	8.48	0.86
San Siro	8 SS-S8	Q200	116.20	0.04	3.60	1.64	-1.96	1.64	-1.96	3.60	4.94	0.020731	5.13	22.66	8.48	0.88
San Siro	8 SS-S8	Q500	136.20	0.04	3.90	1.64	-2.26	1.64	-2.26	3.90	5.38	0.020009	5.41	25.20	8.48	0.89
San Siro	7 SS-S7	Q50	84.00	0.01	2.27	1.56	-0.71	1.56	-0.71	2.60	3.59	0.042390	5.08	16.52	11.52	1.11
San Siro	7 SS-S7	Q200	116.20	0.01	2.53	1.56	-0.97	1.56	-0.97	3.03	4.35	0.047182	5.98	19.44	11.52	1.23
San Siro	7 SS-S7	Q500	136.20	0.01	2.68	1.56	-1.12	1.56	-1.12	3.26	4.79	0.048760	6.43	21.17	11.52	1.28
San Siro pon2	6 SS-S6	Q50	42.00	0.09	1.06	1.83	0.77	1.83	0.77	1.62	2.99	0.026495	6.15	6.83	7.09	2.00
San Siro pon2	6 SS-S6	Q200	58.10	0.09	3.17	1.83	-1.34	1.83	-1.34	2.31	3.62	0.005854	2.97	19.54	7.09	0.54
San Siro pon2	6 SS-S6	Q500	68.10	0.09	3.48	1.83	-1.65	1.83	-1.65	2.52	3.98	0.005607	3.13	21.78	7.09	0.54
San Siro pon2	5 SS-S5	Q50	42.00	-0.41	2.07	1.54	-0.53	1.54	-0.53	1.05	2.47	0.005412	2.82	14.88		0.57
San Siro pon2	5 SS-S5	Q200	58.10	-0.41	3.14	1.54	-1.60	1.54	-1.60	1.40	3.48	0.004082	2.58	22.50	7.65	0.44
San Siro pon2	5 SS-S5	Q500	68.10	-0.41	3.46	1.54	-1.92	1.54	-1.92	1.54	3.84	0.003953	2.73	24.99	7.65	0.44
San Siro pon2	4 SS-S4	Q50	42.00	-0.10	1.56	1.48	-0.08	1.48	-0.08	1.41	2.23	0.011442	3.61	11.63		0.91
San Siro pon2	4 SS-S4	Q200	58.10	-0.10	2.32	1.48	-0.84	1.48	-0.84	2.32	3.22	0.019803	4.22	13.78	7.60	0.87
San Siro pon2	4 SS-S4	Q500	68.10	-0.10	2.98	1.48	-1.50	1.48	-1.50	2.52	3.65	0.009603	3.62	18.84	7.60	0.66
San Siro pon2	3 SS-S3	Q50	42.00	-0.31	1.66	1.50	-0.16	1.50	-0.16	1.15	2.14	0.006908	3.06	13.72		0.70
San Siro pon2	3 SS-S3	Q200	58.10	-0.31	0.88	1.50	0.62	1.50	0.62	1.50	3.01	0.023319	6.48	8.97	7.60	1.90
San Siro pon2	3 SS-S3	Q500	68.10	-0.31	3.03	1.50	-1.53	1.50	-1.53	2.33	3.58	0.007349	3.30	20.61	7.60	0.58
San Siro pon2	2 SS-S2	Q50	42.00	-0.16	1.29	1.60	0.31	1.60	0.31	1.29	2.02	0.006464	3.78	11.11	7.66	1.00
San Siro pon2	2 SS-S2	Q200	58.10	-0.16	1.45	1.60	0.15	1.60	0.15	1.60	2.59	0.009223	4.74	12.27	7.66	1.19
San Siro pon2	2 SS-S2	Q500	68.10	-0.16	2.40	1.60	-0.80	1.60	-0.80	2.40	3.40	0.019606	4.43	15.37	7.66	0.88
San Siro pon2	1 SS-S1	Q50	42.00	-0.53	0.54	1.50	0.96	1.50	0.96	0.91	1.81	0.016298	4.98	8.43	8.67	1.61
San Siro pon2	1 SS-S1	Q200	58.10	-0.53	0.77	1.50	0.73	1.50	0.73	1.23	2.37	0.016500	5.60	10.38	8.67	1.63
San Siro pon2	1 SS-S1	Q500	68.10	-0.53	0.76	1.50	0.74	1.50	0.74	1.41	2.98	0.023065	6.60	10.32	8.67	1.93
San Siro pon2	0	Q50	42.00	-0.80	0.16	2.04	1.88	2.09	1.93	0.61	1.67	0.020543	5.44	7.72	8.21	1.79
San Siro pon2	0	Q200	58.10	-0.80	0.40	2.04	1.64	2.09	1.69	0.94	2.23	0.020240	6.00	9.68	8.46	1.79
San Siro pon2	0	Q500	68.10	-0.80	0.43	2.04	1.61	2.09	1.66	1.13	2.82	0.025636	6.85	9.94	8.46	2.02
San Siro pon2	-0.6	Q50	42.00	-0.84	0.19	2.04	1.85	2.09	1.90	0.59	1.53	0.016899	5.13	8.19	8.21	1.64
San Siro pon2	-0.6	Q200	58.10	-0.84	0.43	2.04	1.61	2.09	1.66	0.92	2.09	0.017230	5.72	10.16	8.46	1.66
San Siro pon2	-0.6	Q500	68.10	-0.84	0.46	2.04	1.59	2.09	1.64	1.10	2.64	0.022166	6.56	10.39	8.46	1.89
San Siro pon2	-0.8	Q50	42.00	-0.86	0.17	2.04	1.87	2.09	1.92	0.54	1.45	0.015757	5.00	8.40	8.21	1.58
San Siro pon2	-0.8	Q200	58.10	-0.86	0.41	2.04	1.63	2.09	1.68	0.87	2.01	0.016342	5.60	10.37	8.46	1.61
San Siro pon2	-0.8	Q500	68.10	-0.86	0.44	2.04	1.60	2.09	1.65	1.06	2.52	0.020622	6.38	10.67	8.46	1.81