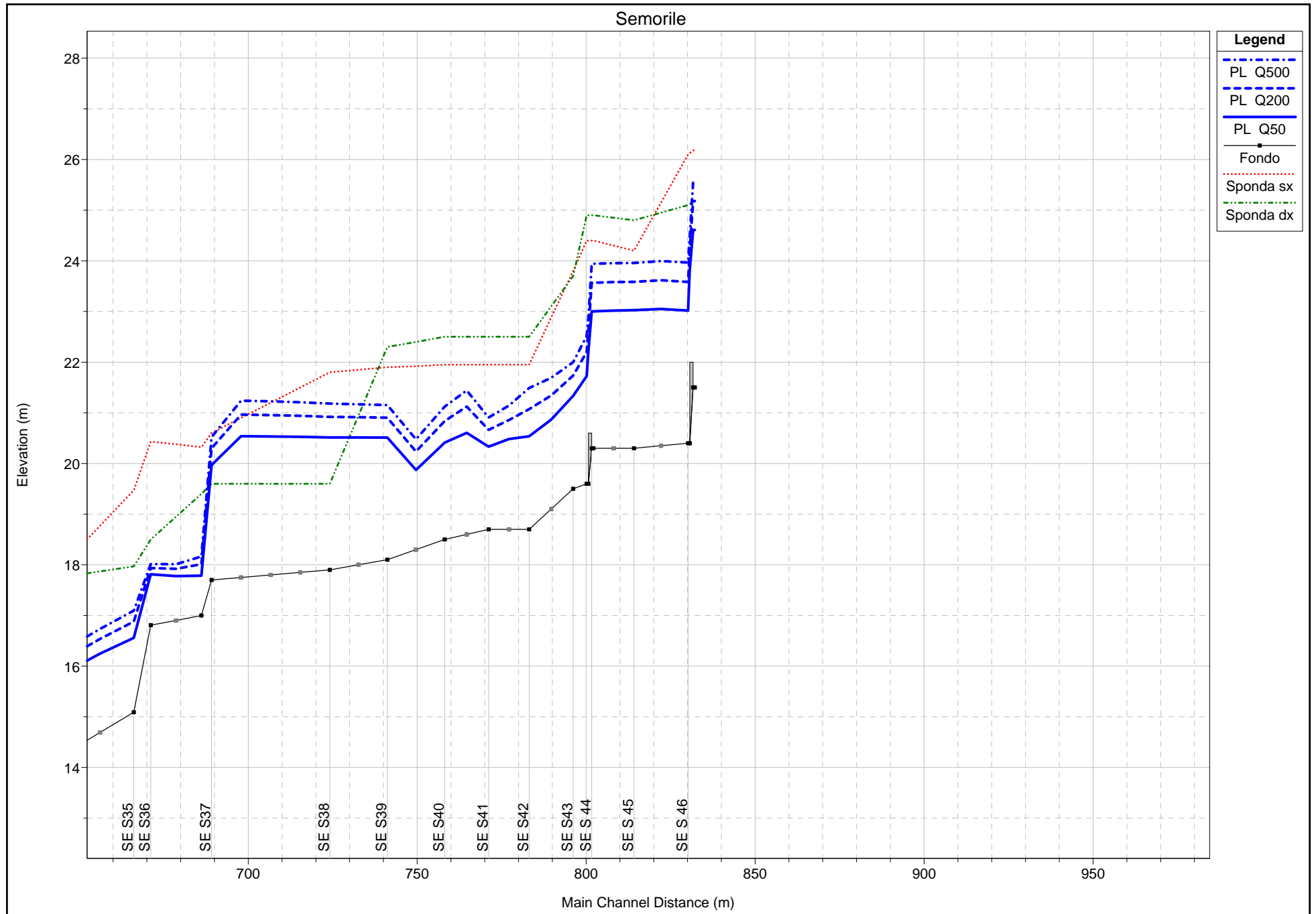


# **Torrente Semorile**

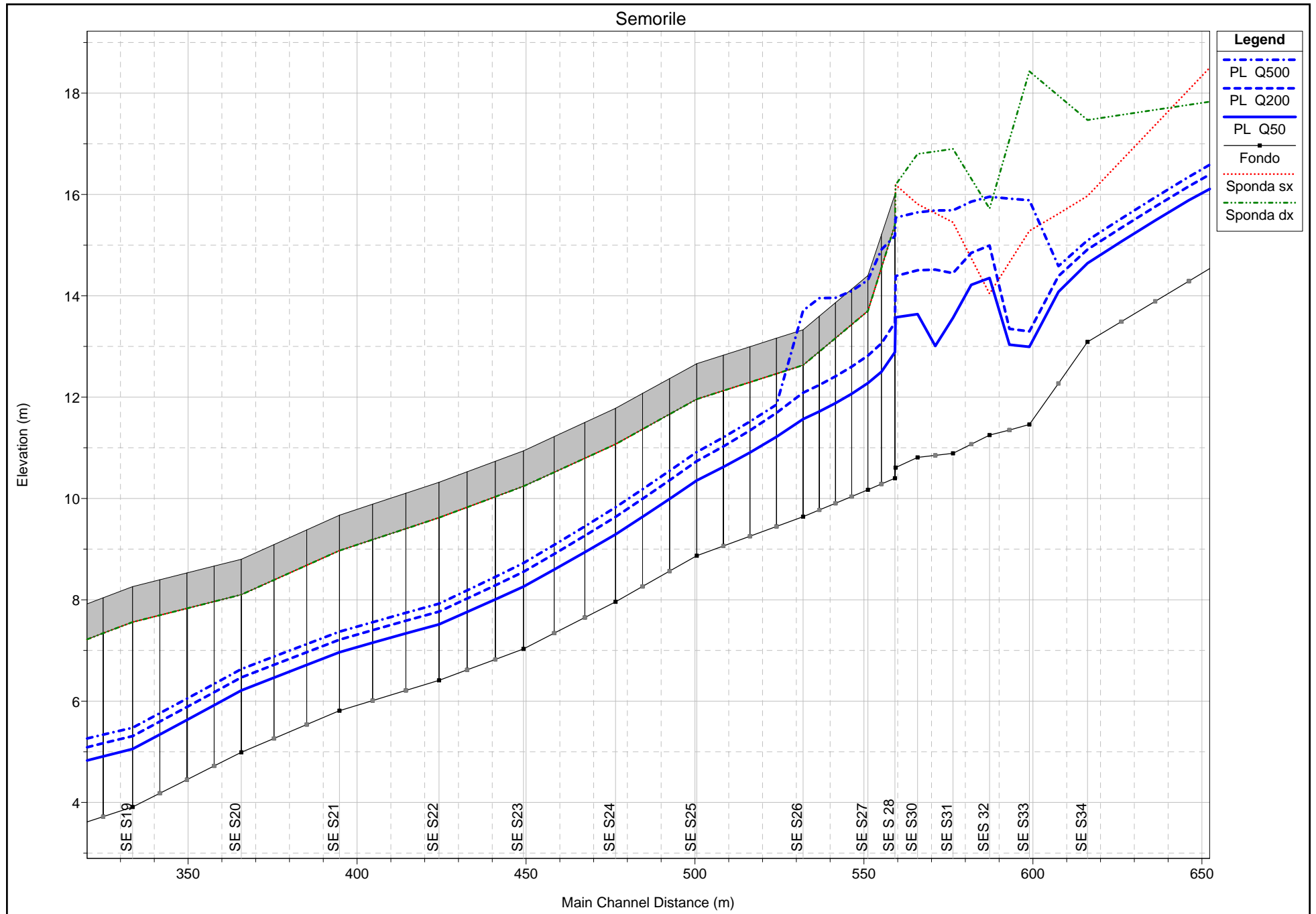
## **Zoagli**

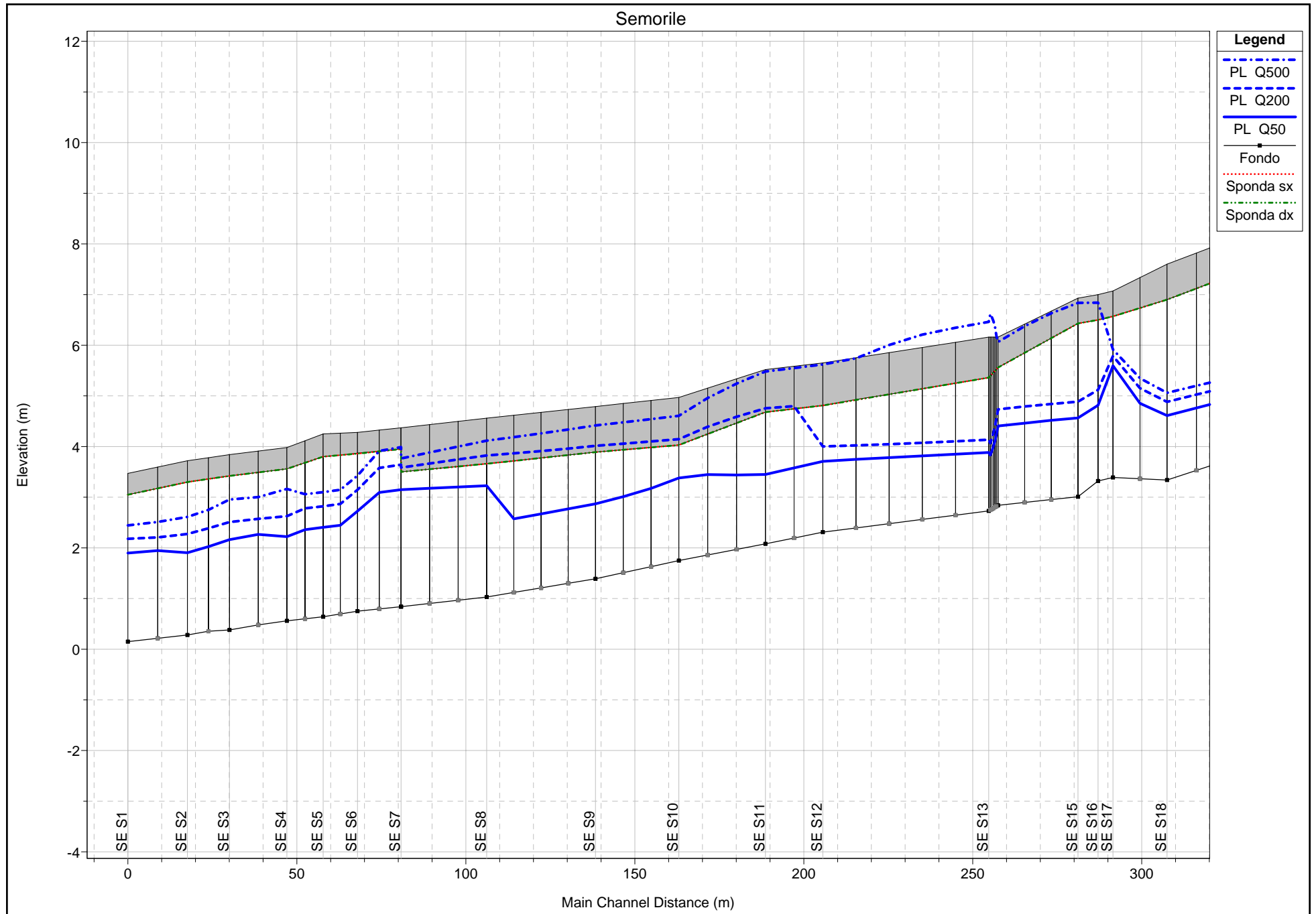
dalla sezione SE-S46 alla SE-S1

- Profili di corrente
- Sezioni idrauliche
- Tabelle dei risultati

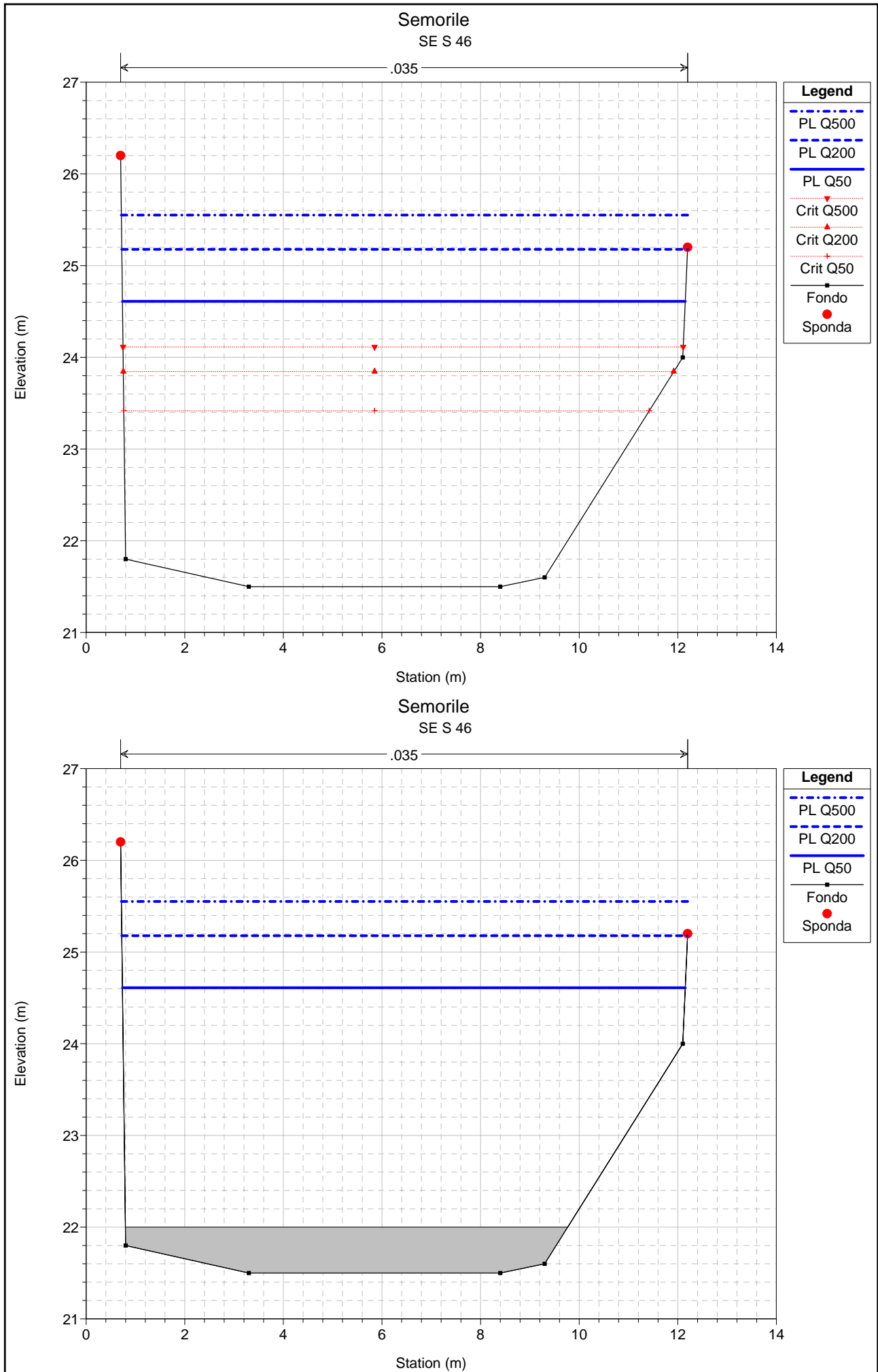


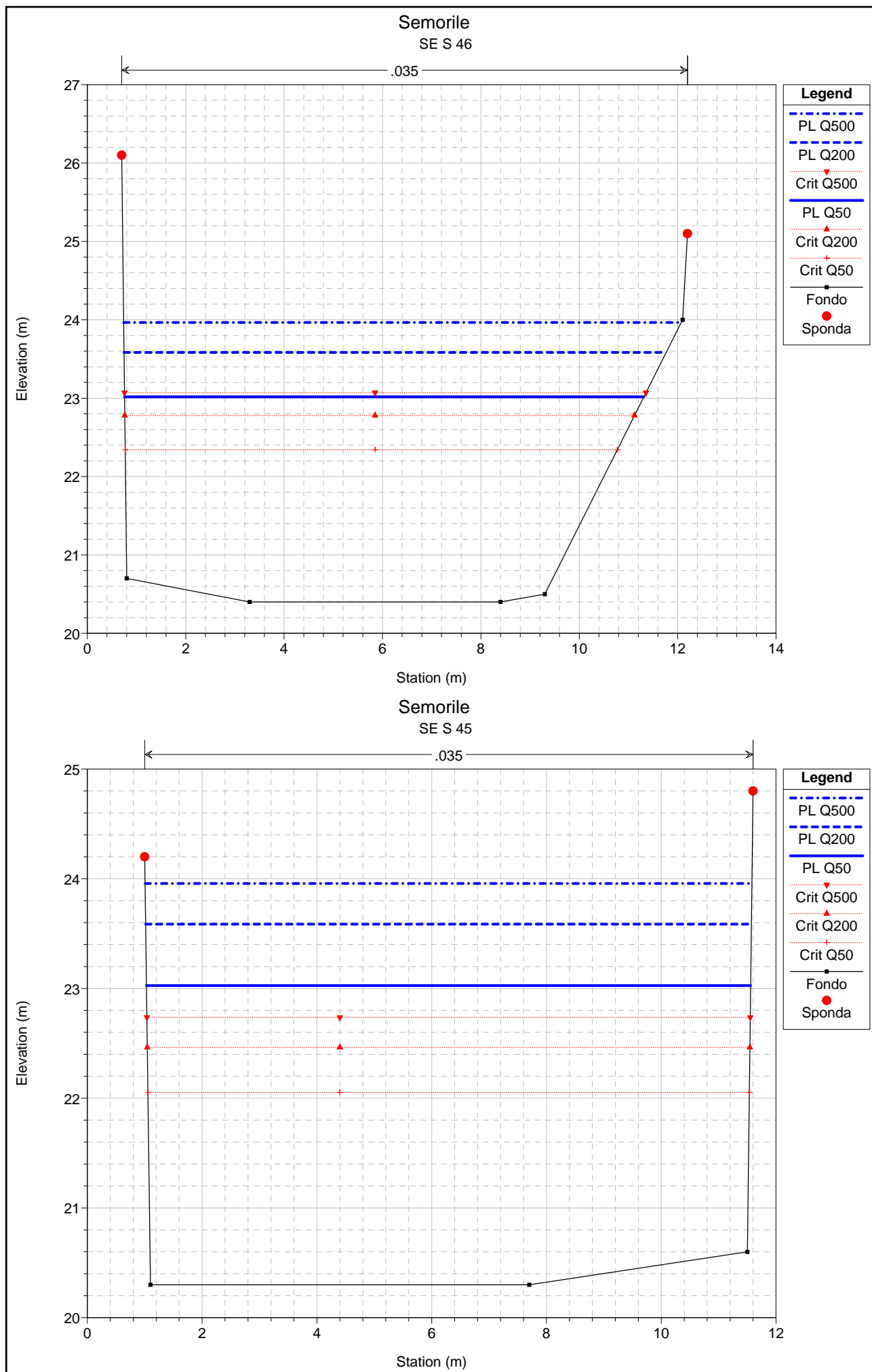
1 cm Horiz. = 15 m 1 cm Vert. = 1 m

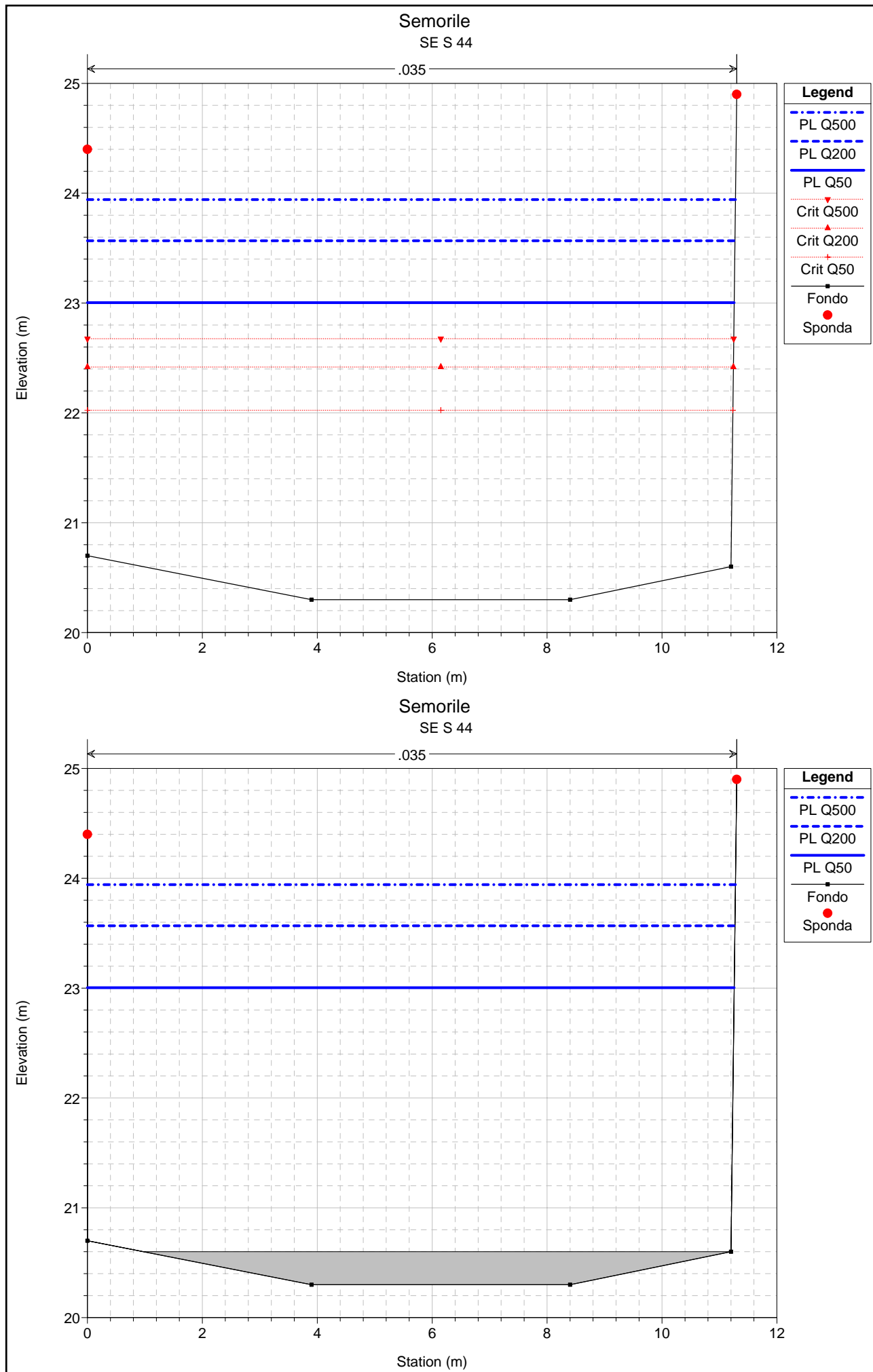


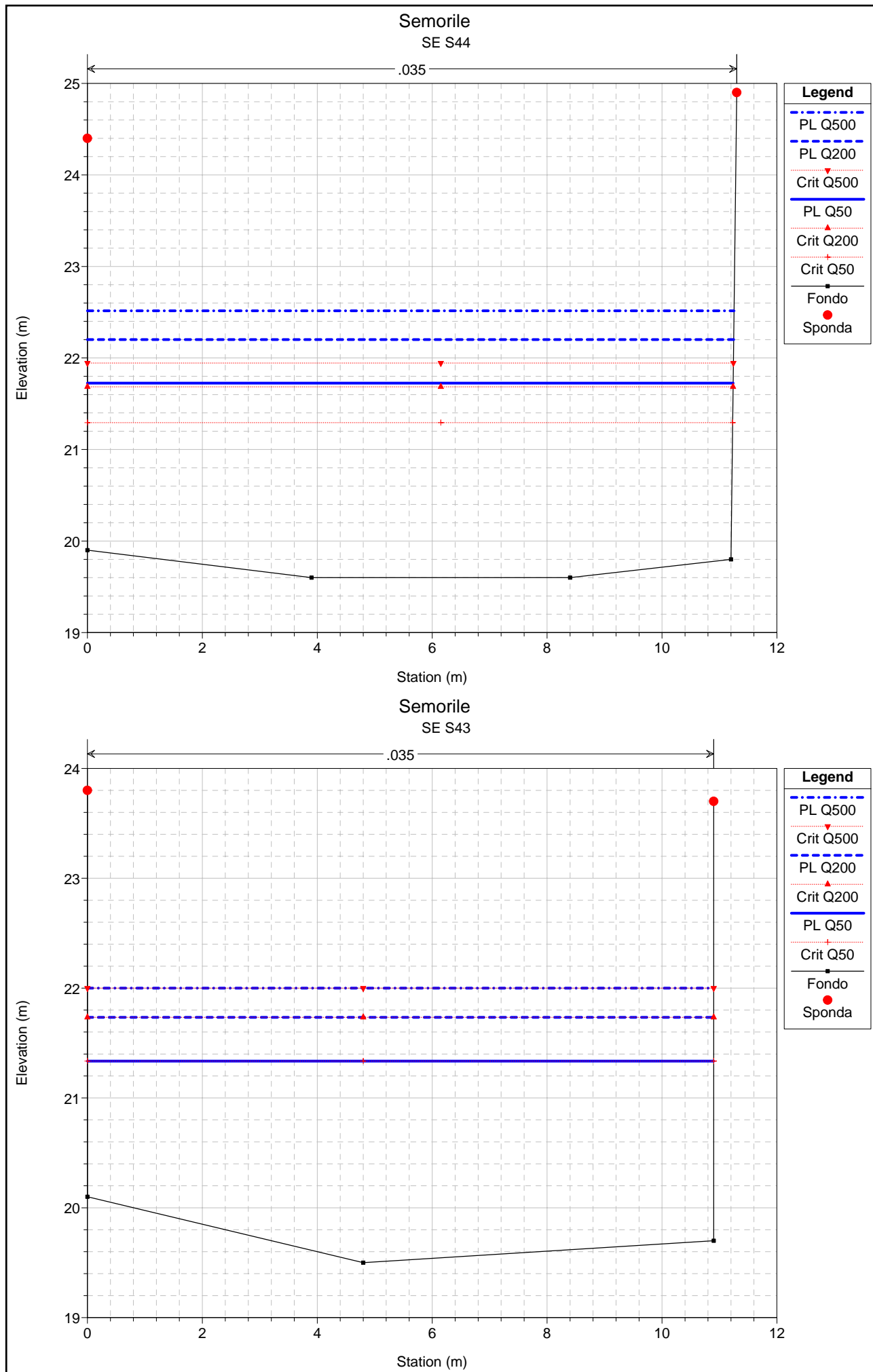


1 cm Horiz. = 15 m 1 cm Vert. = 1 m

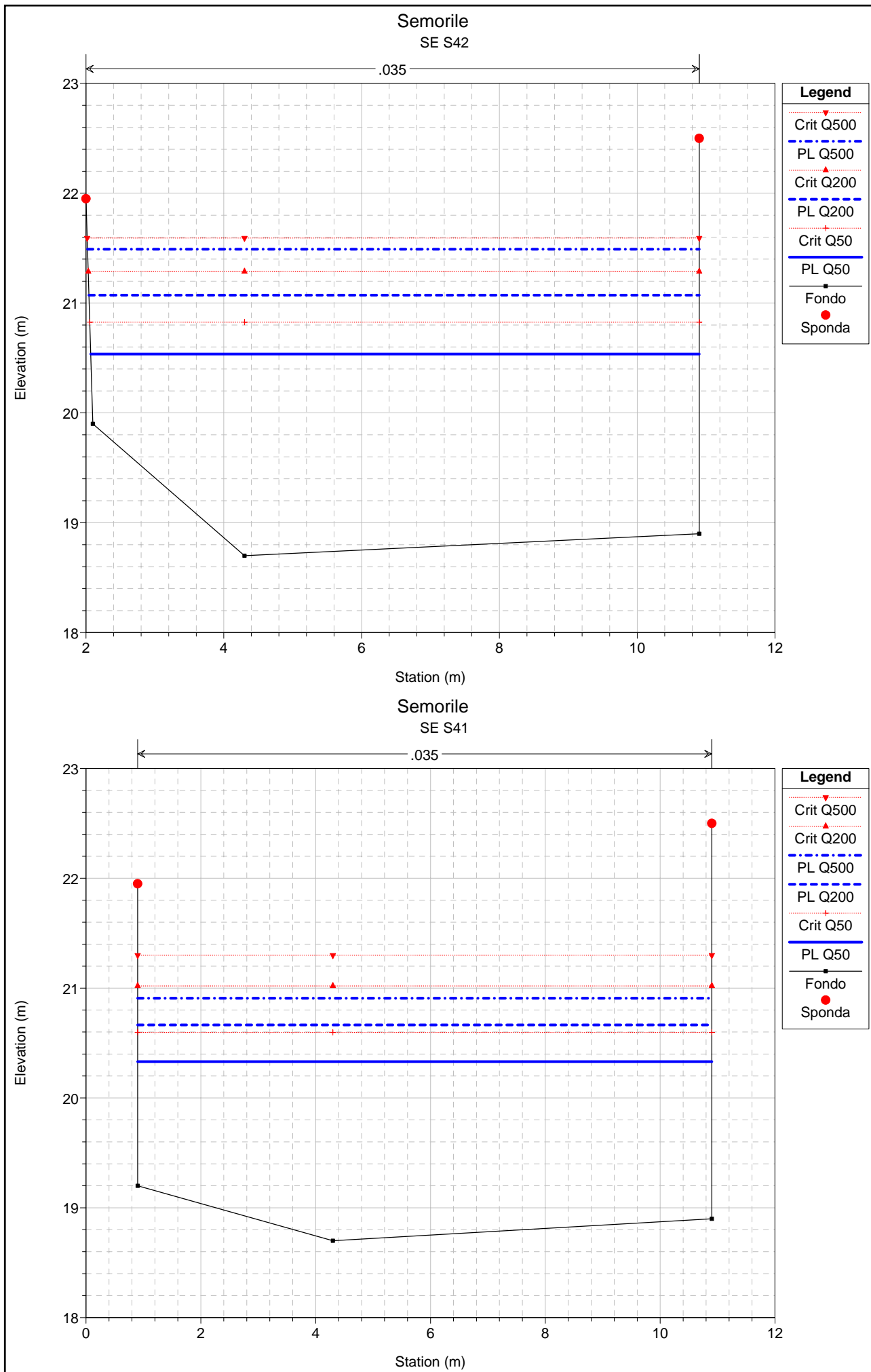


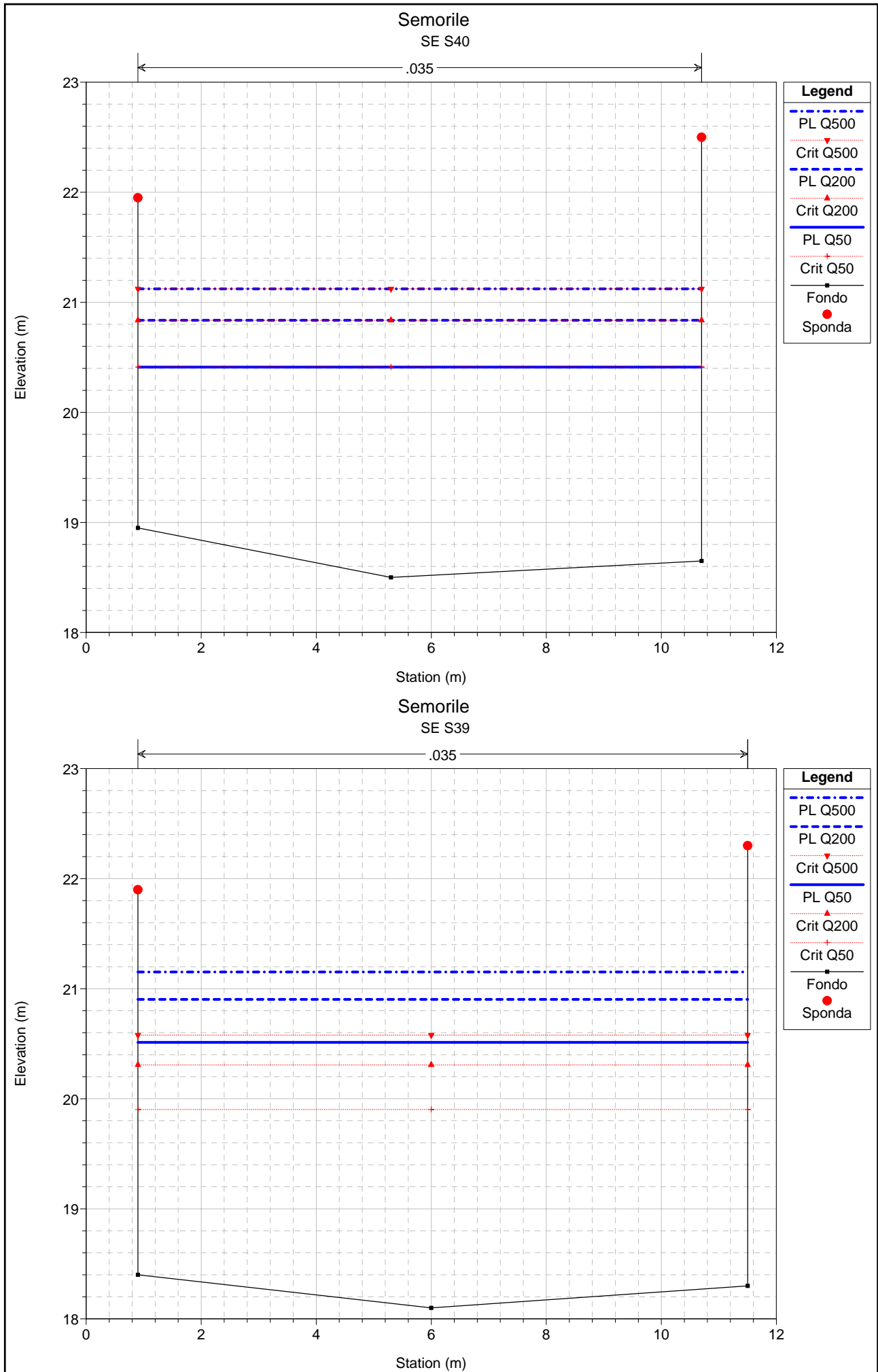


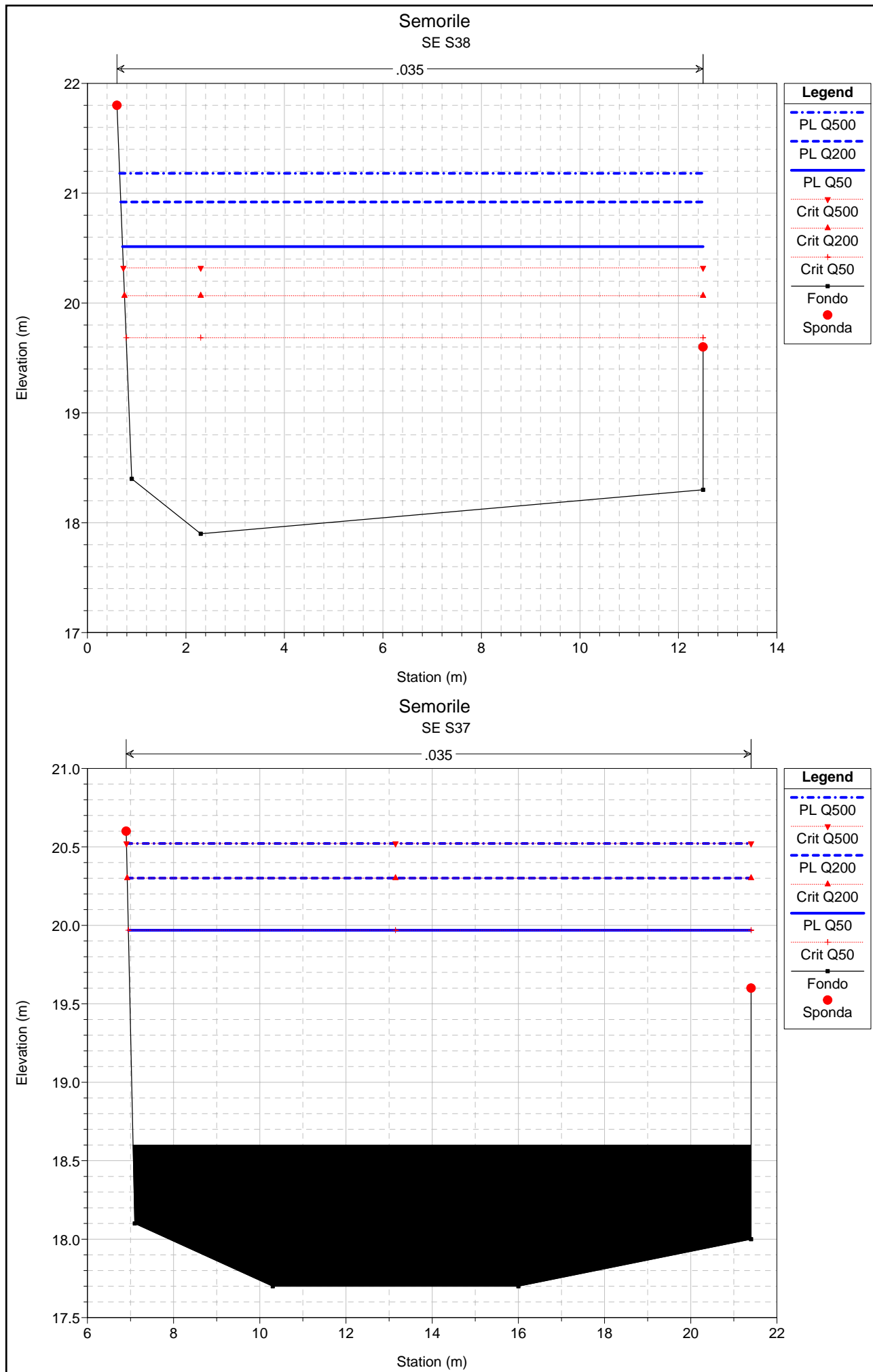


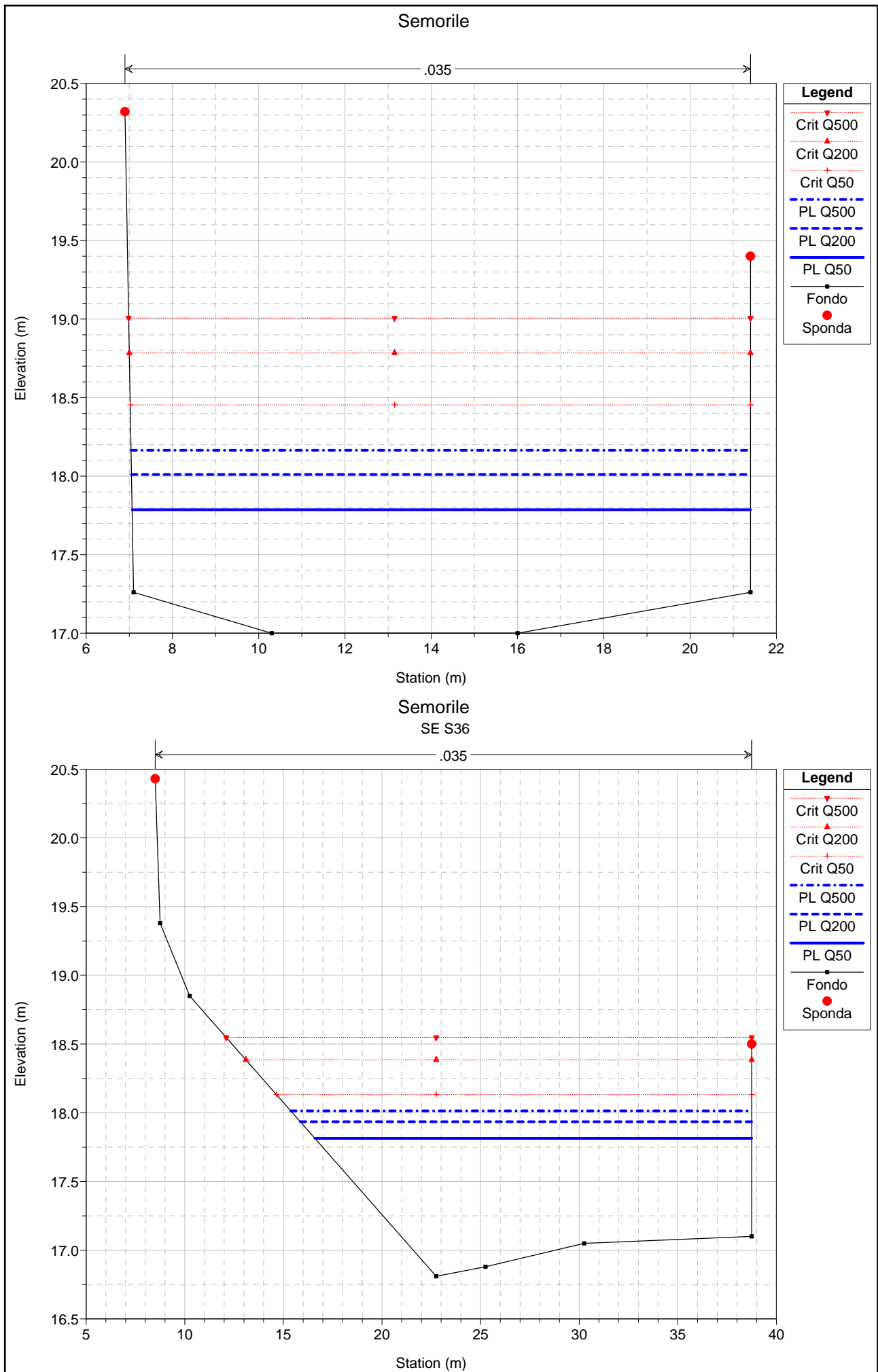


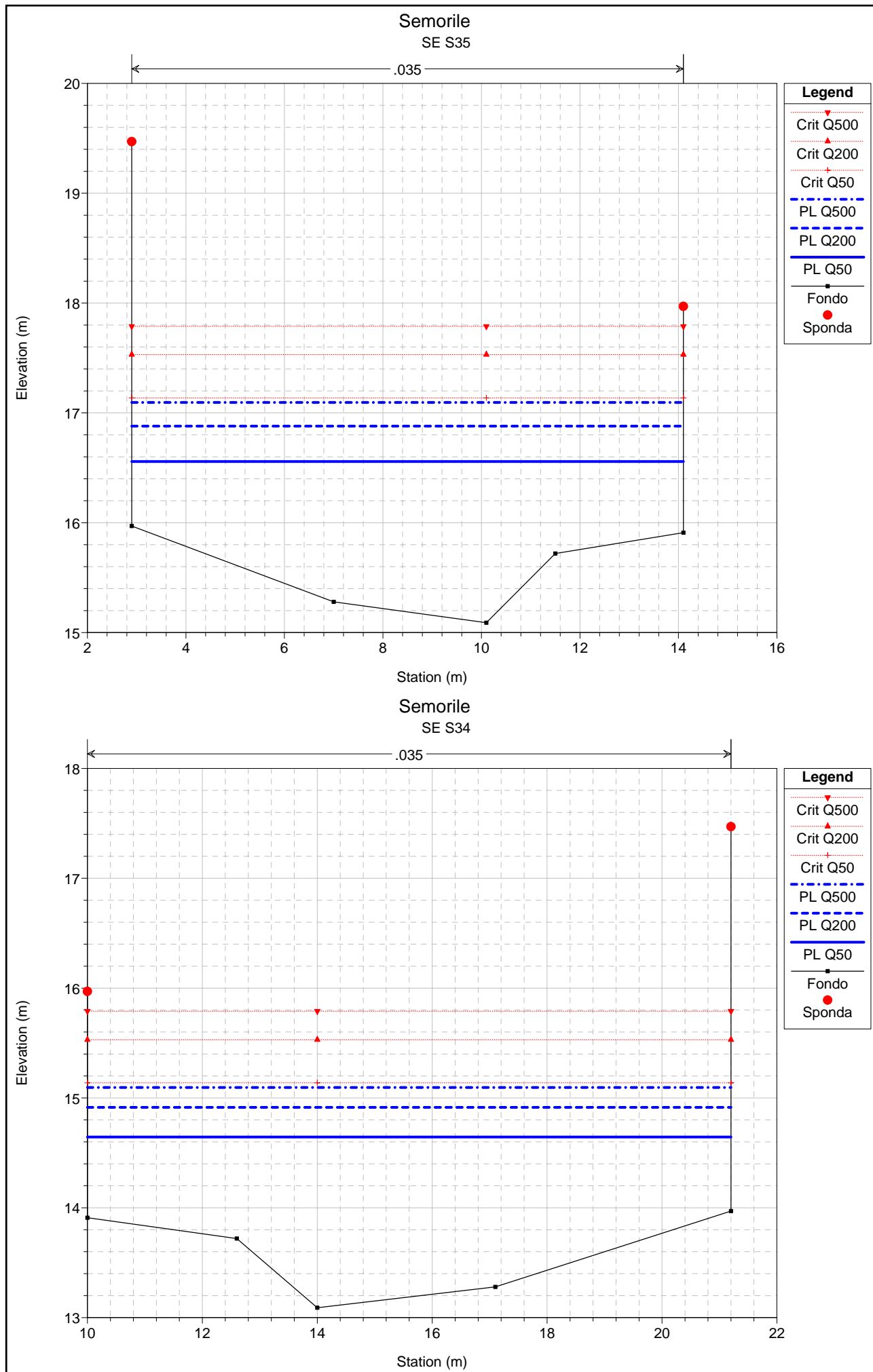


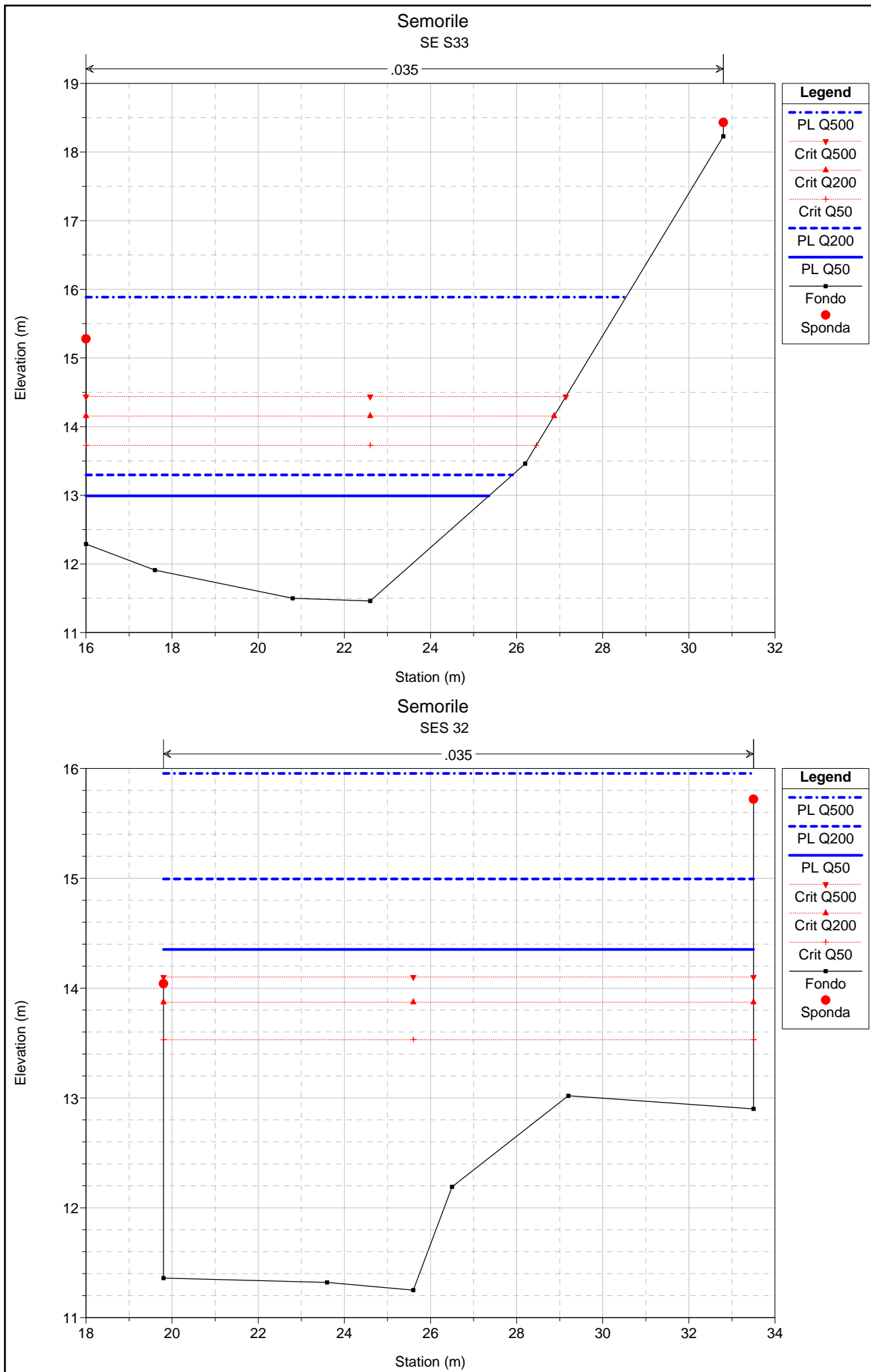


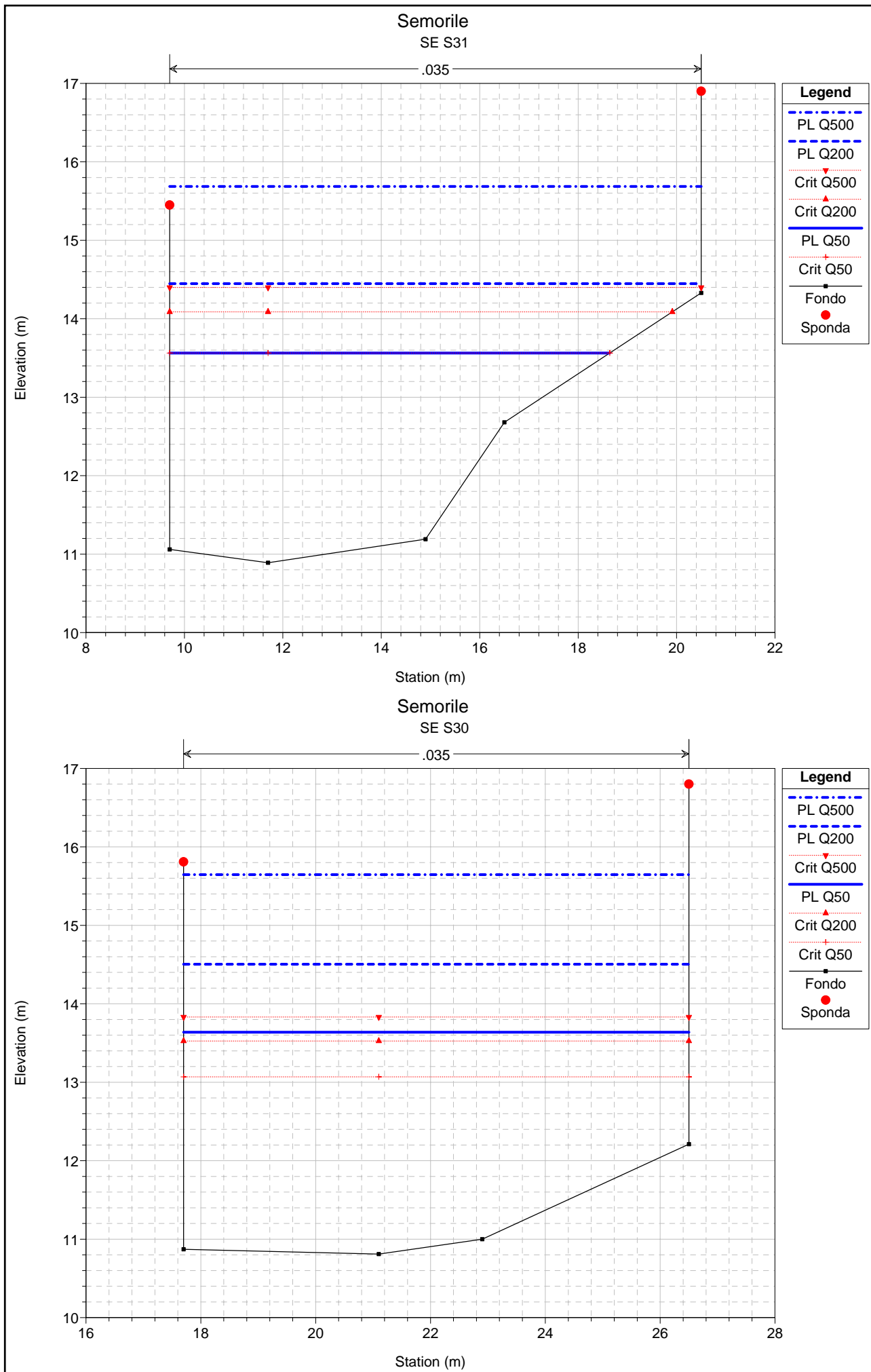


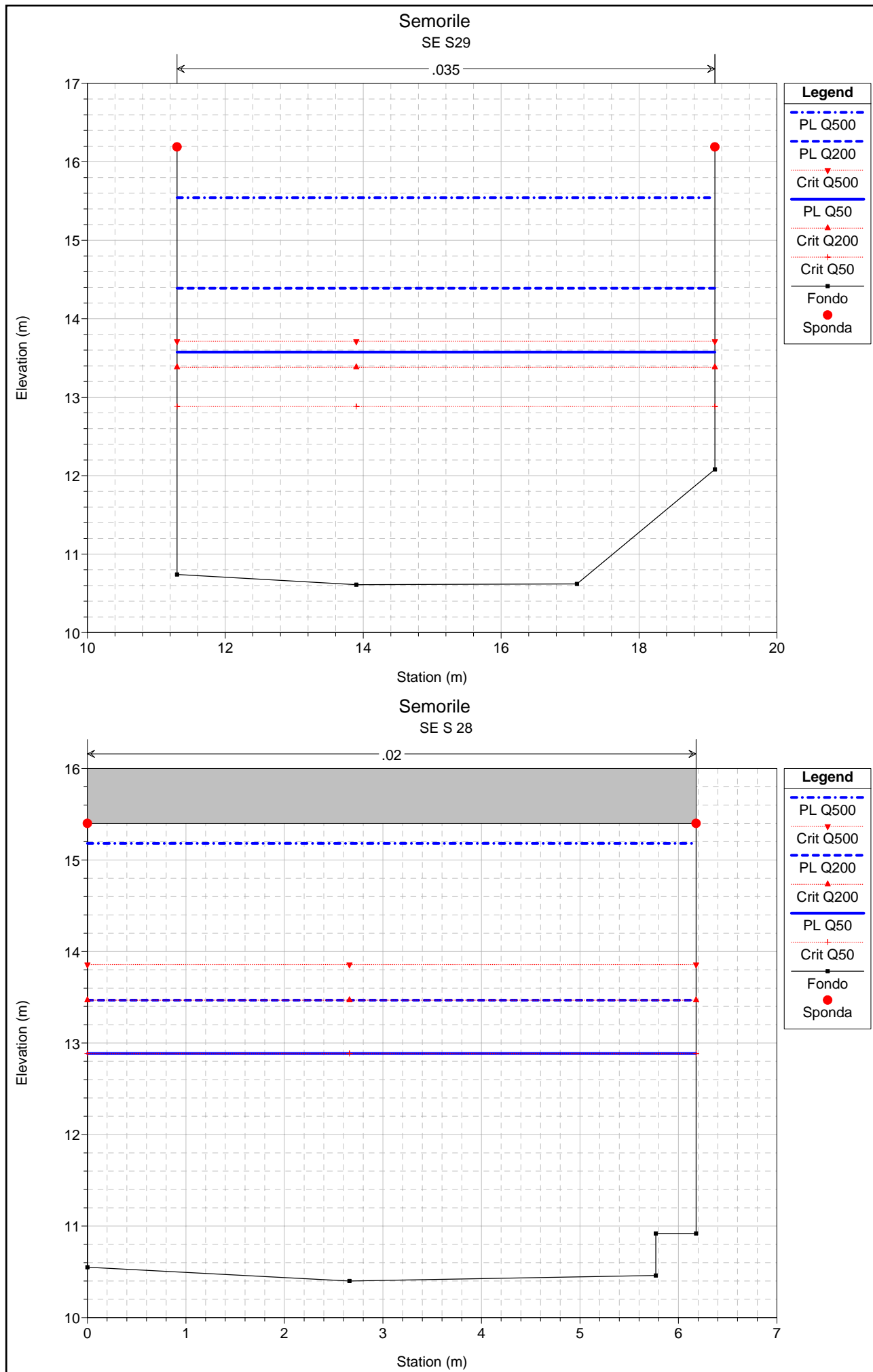




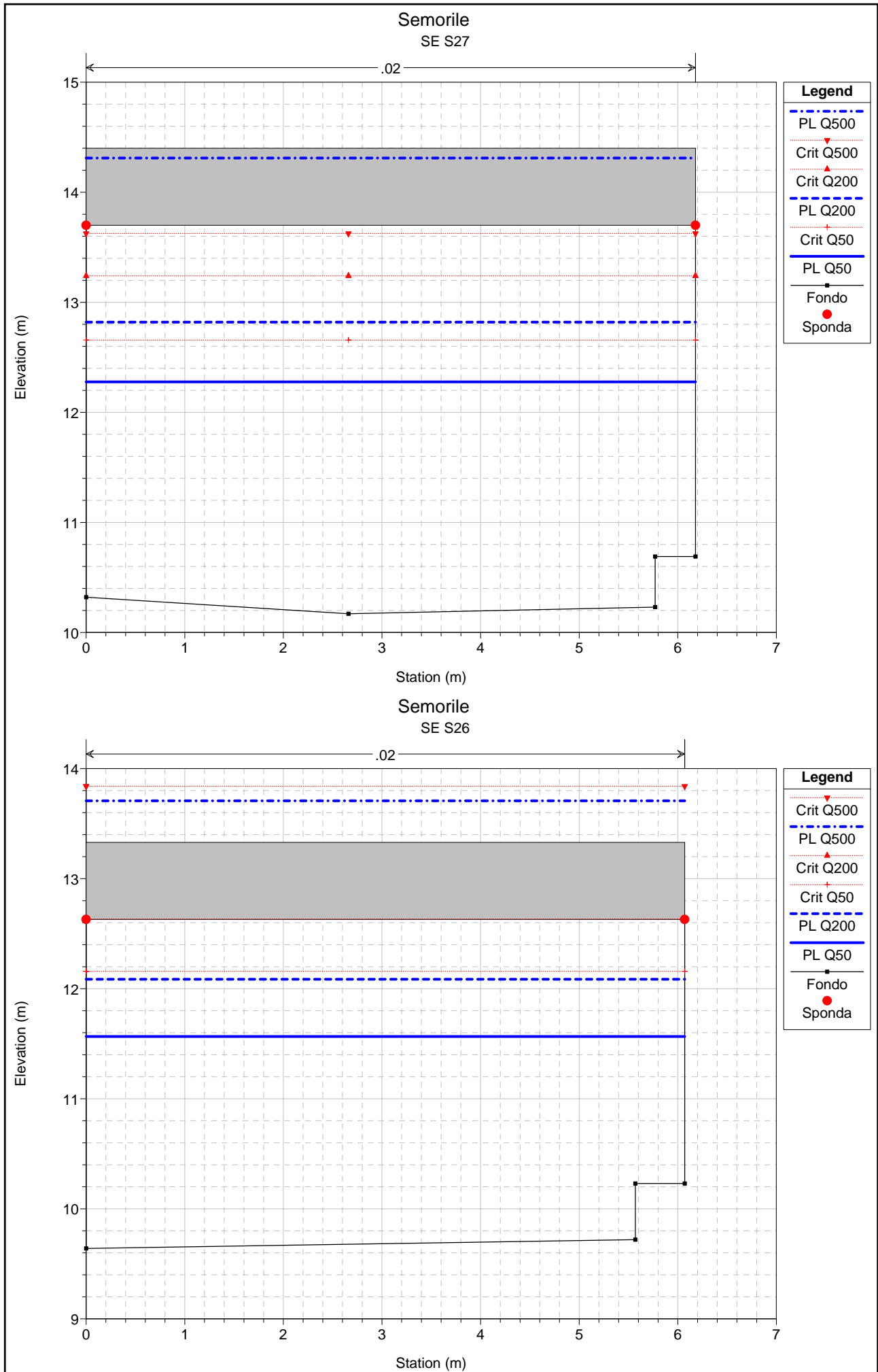


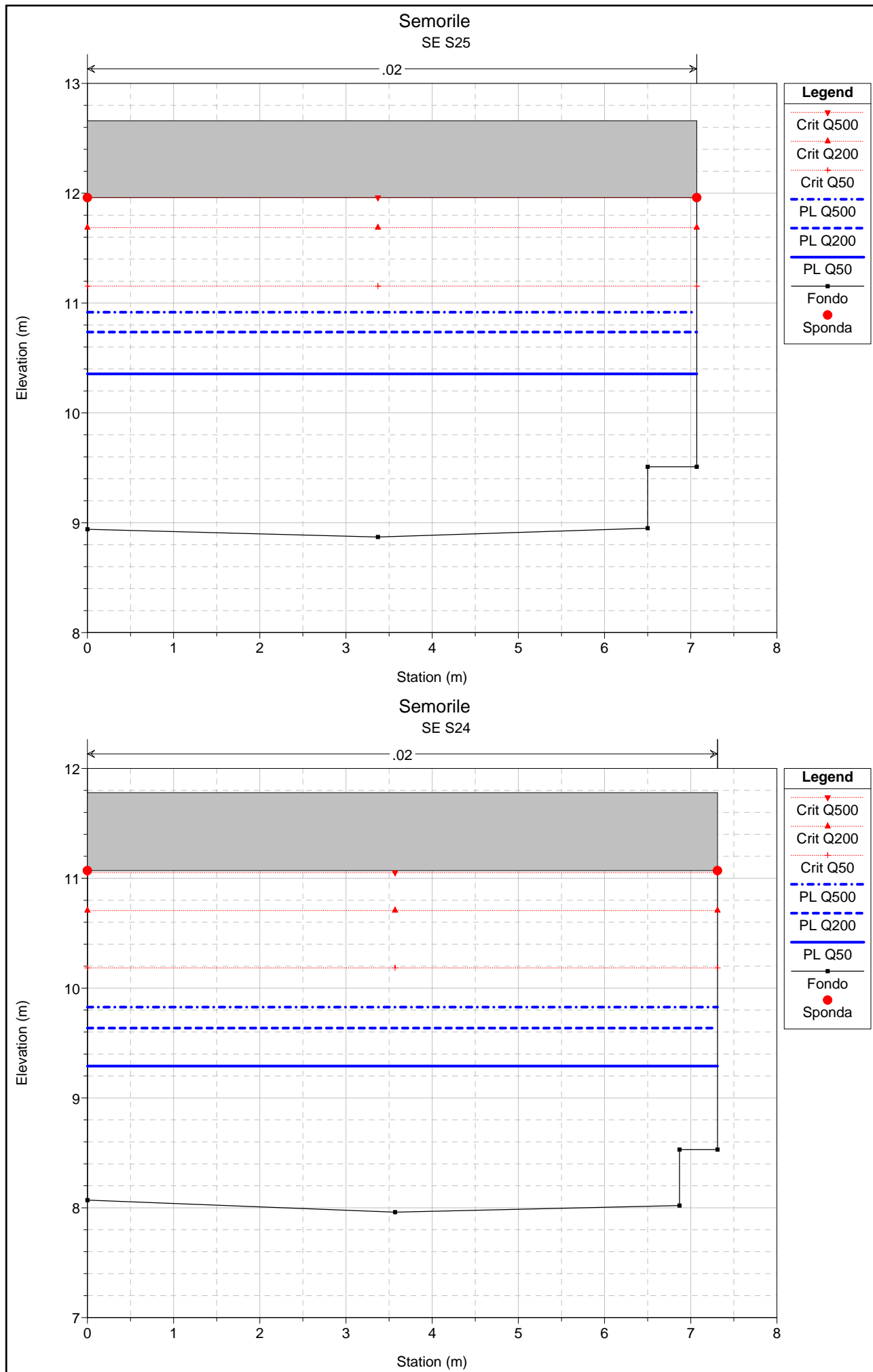


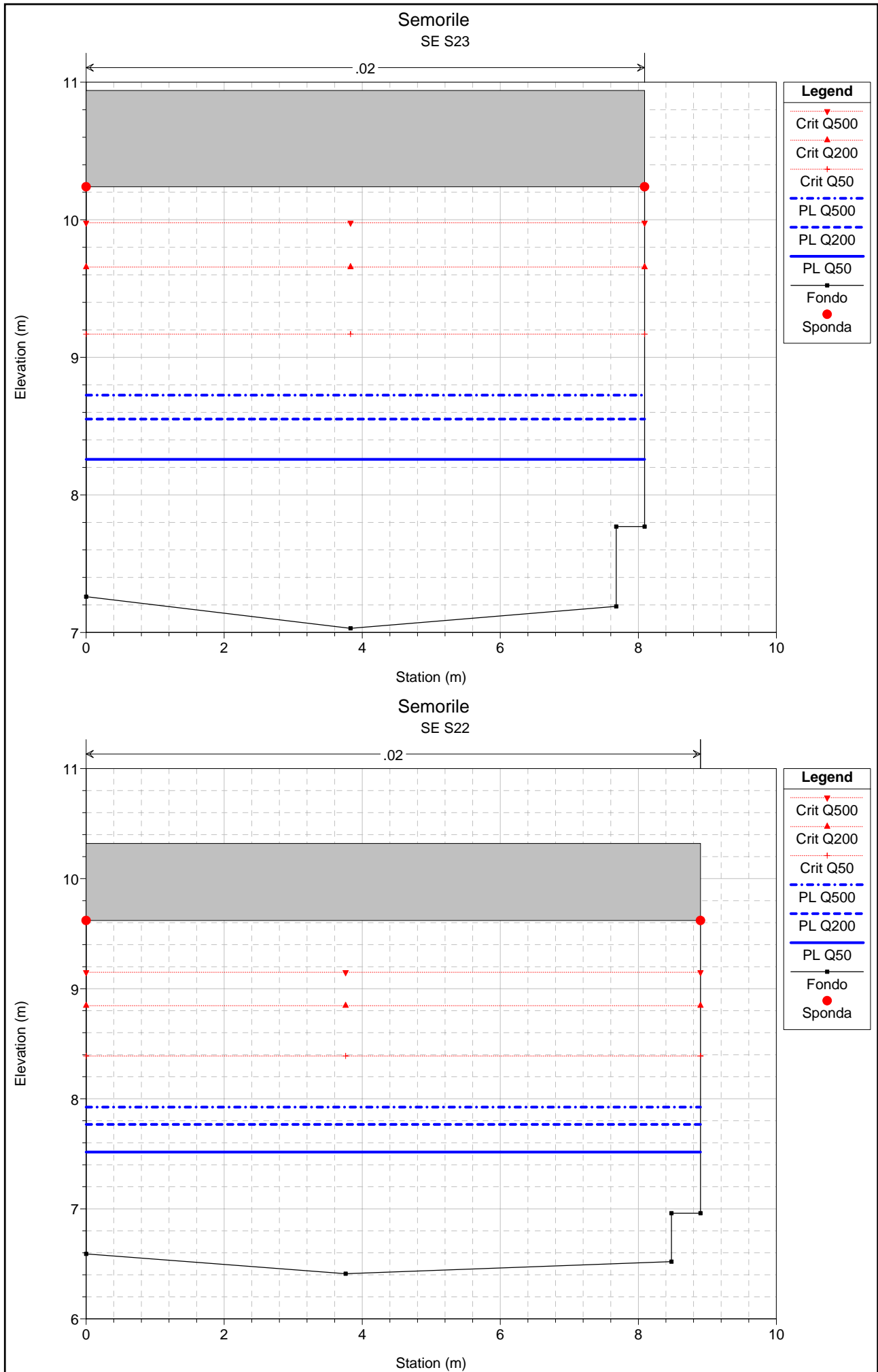


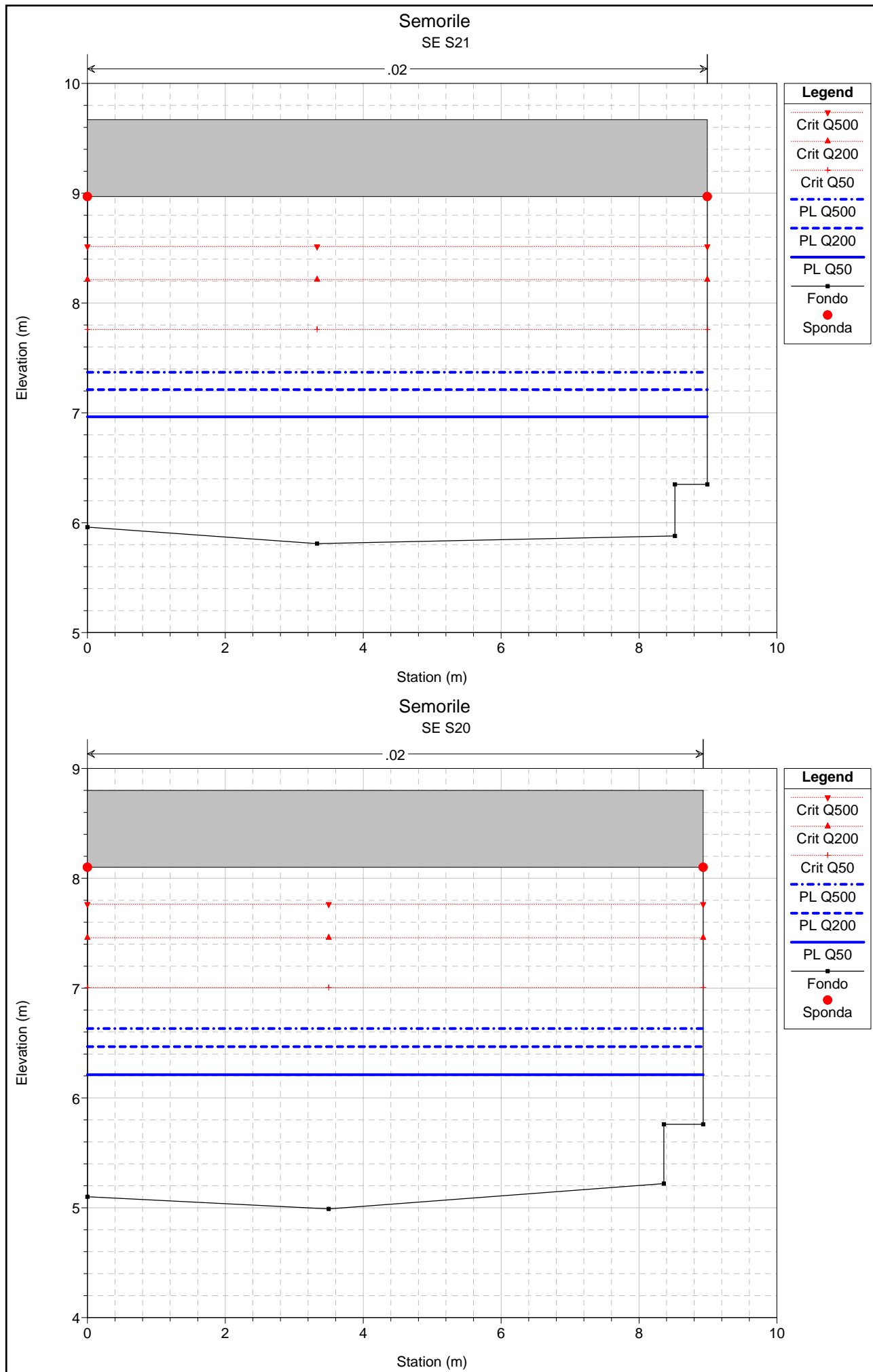


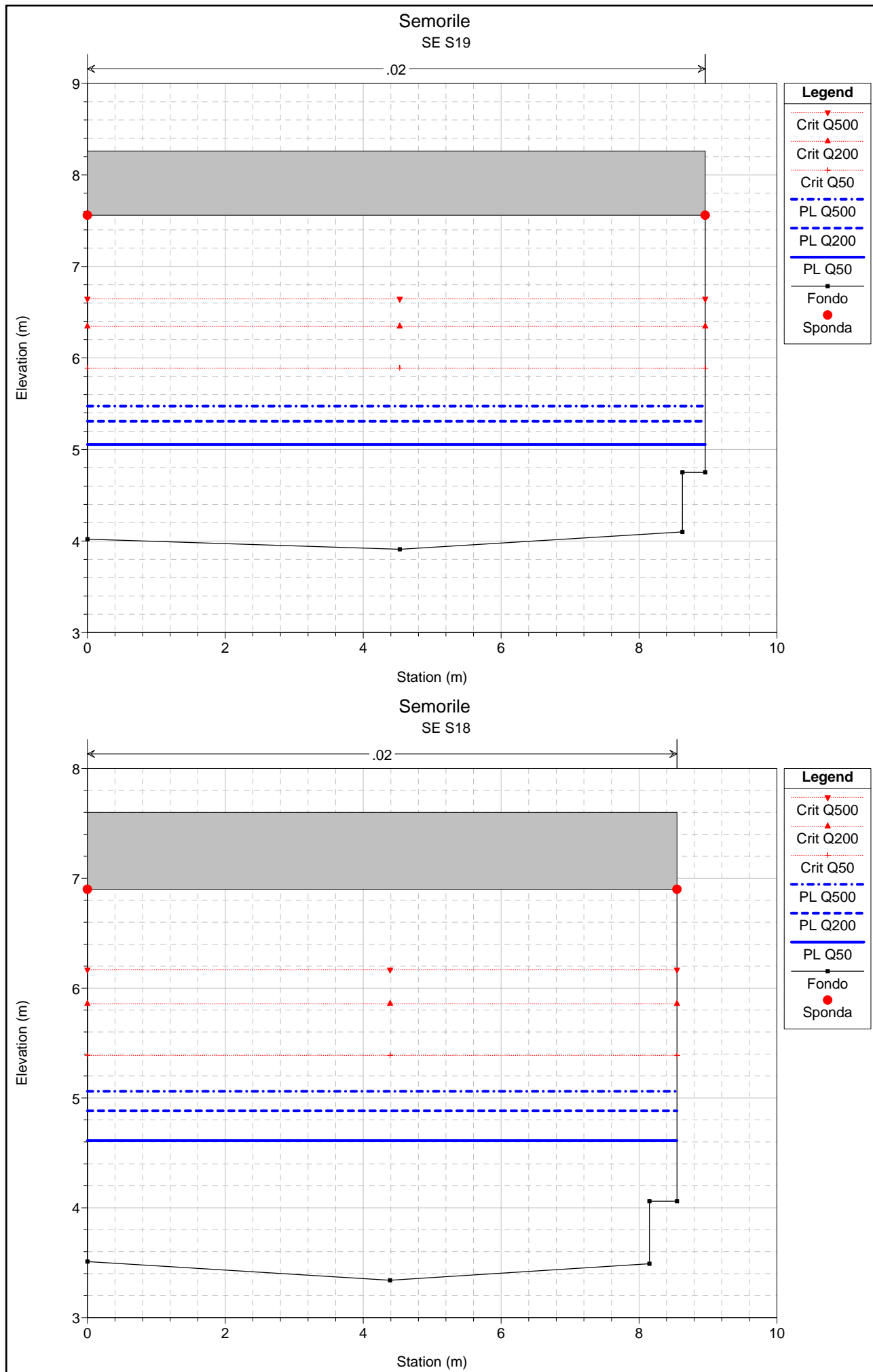


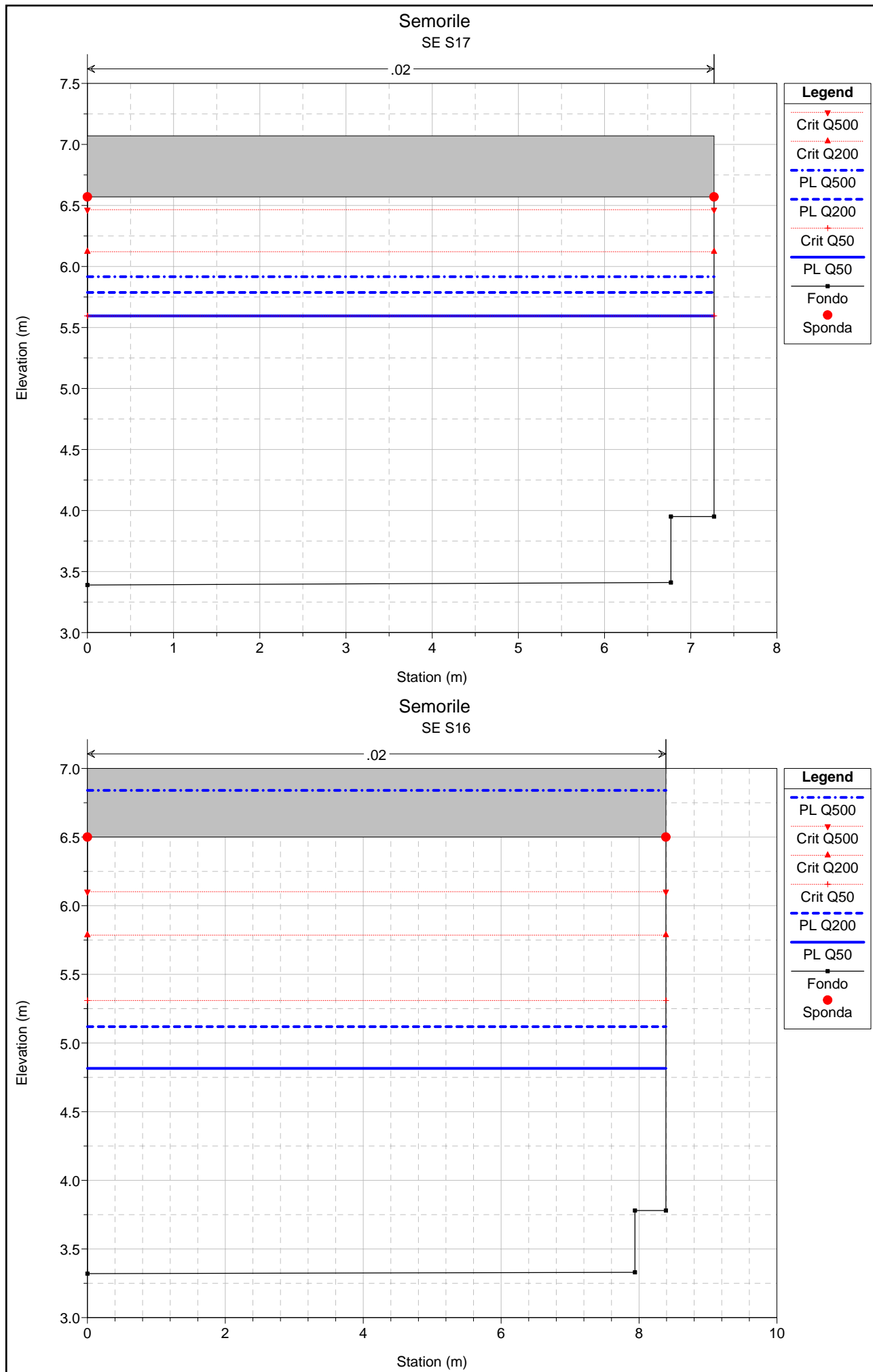


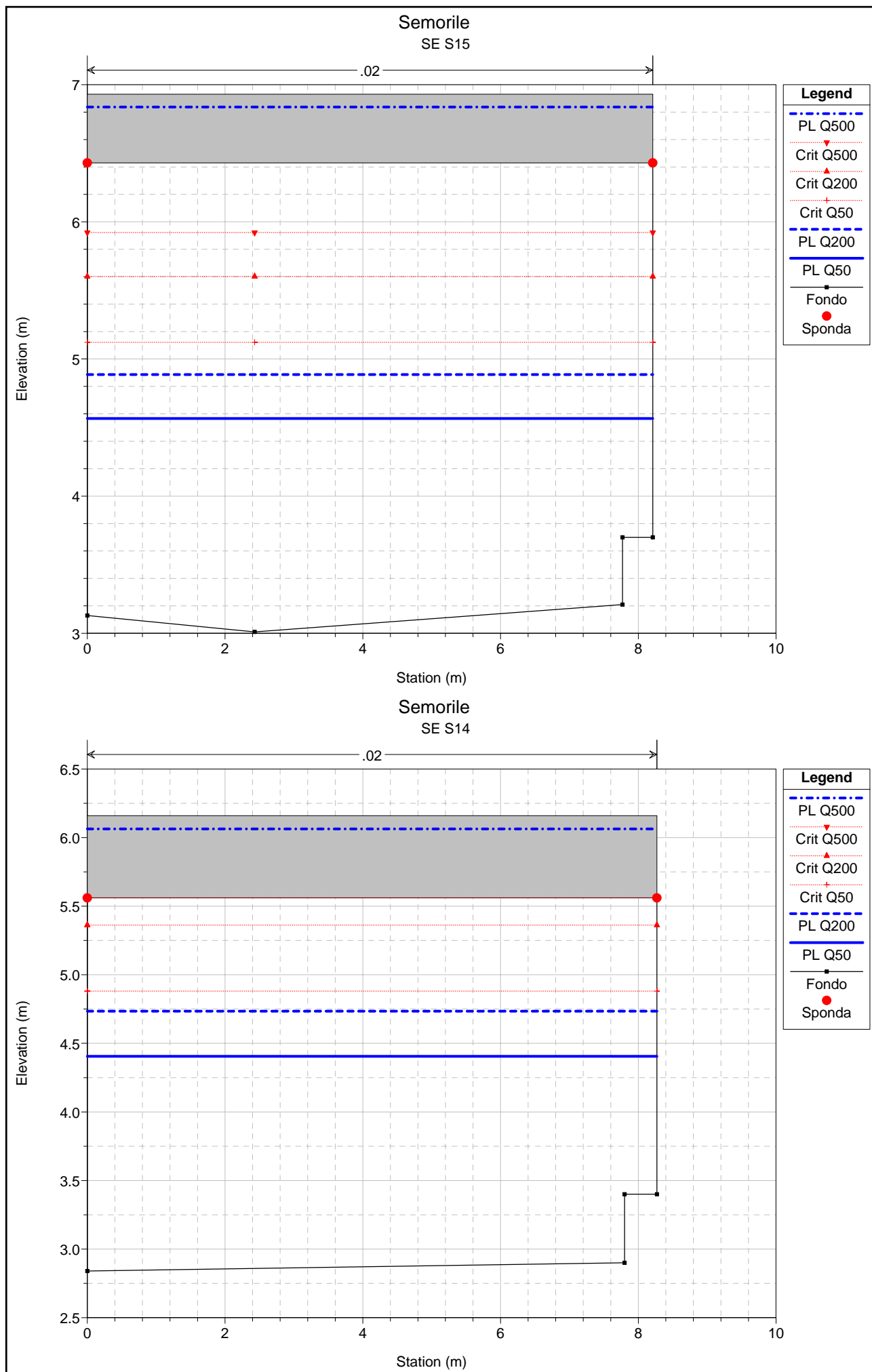


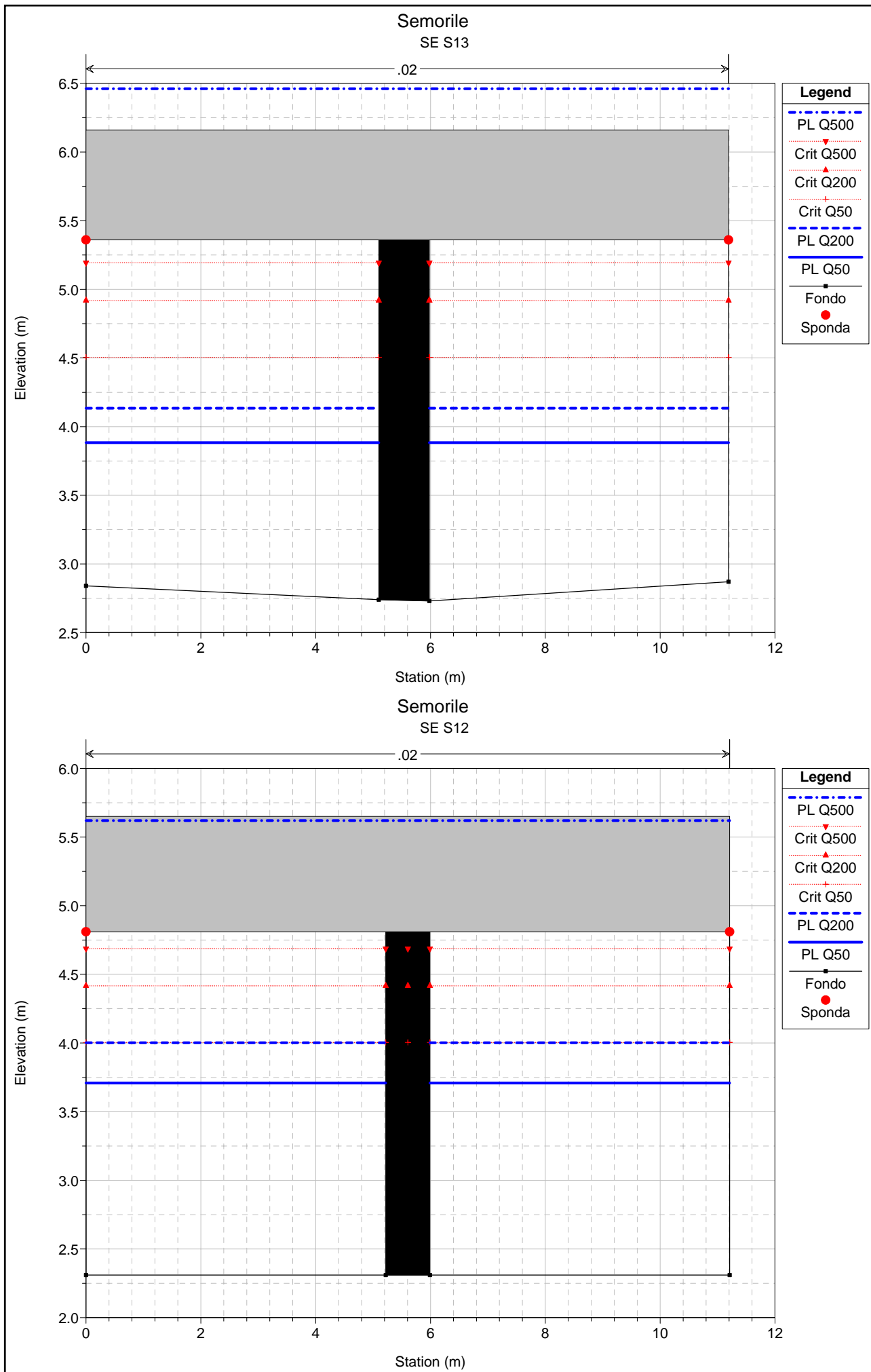




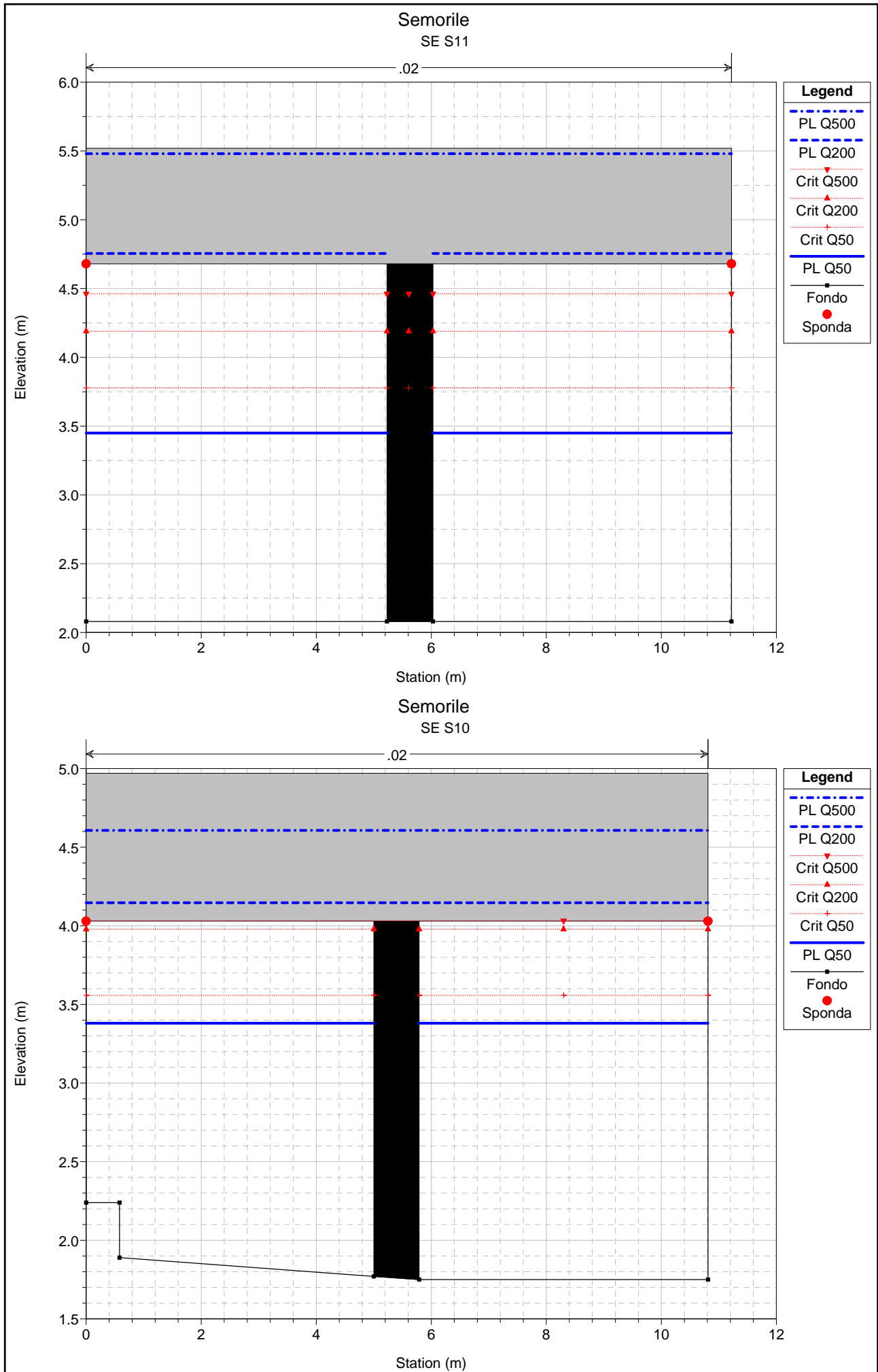


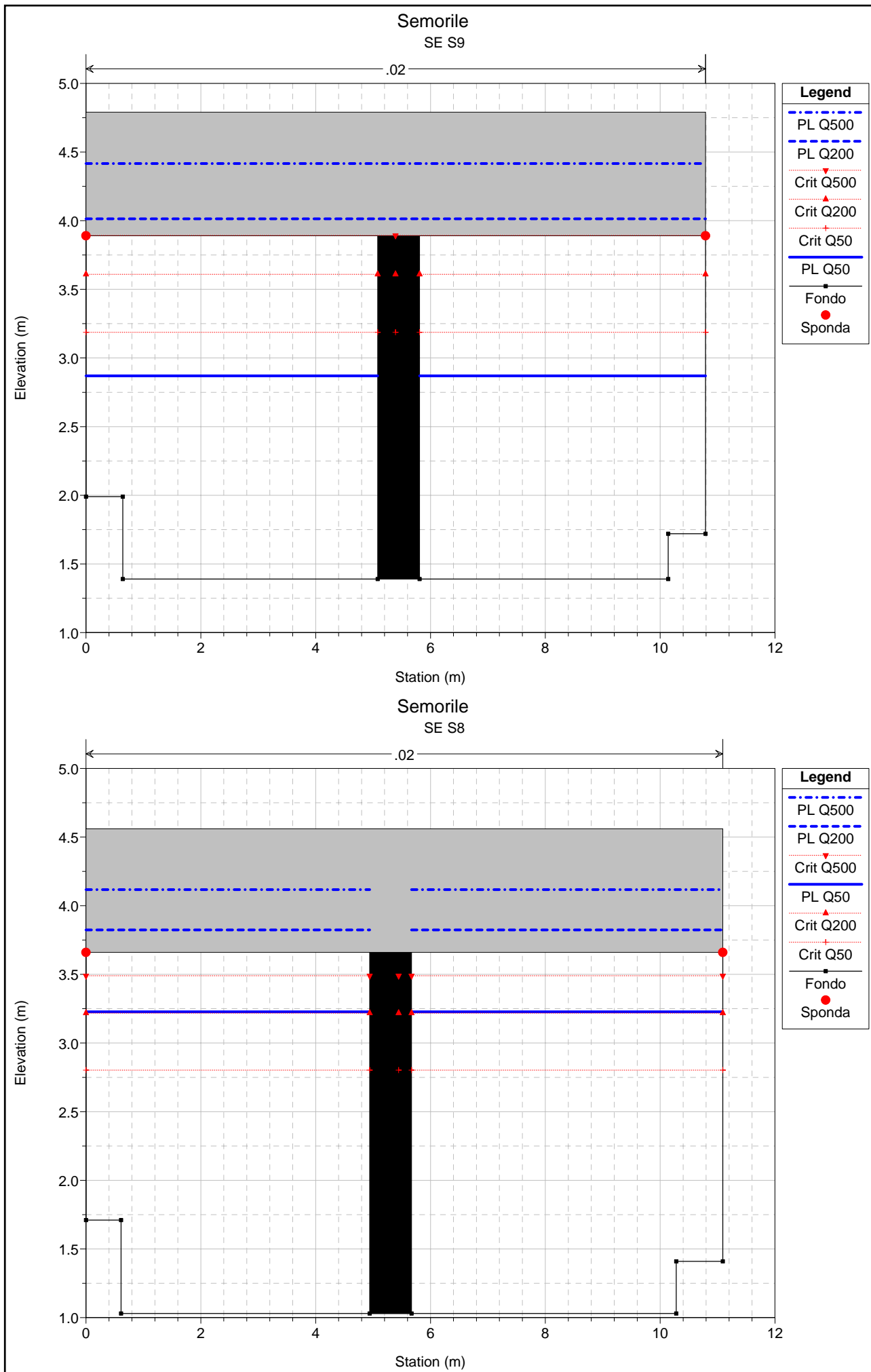


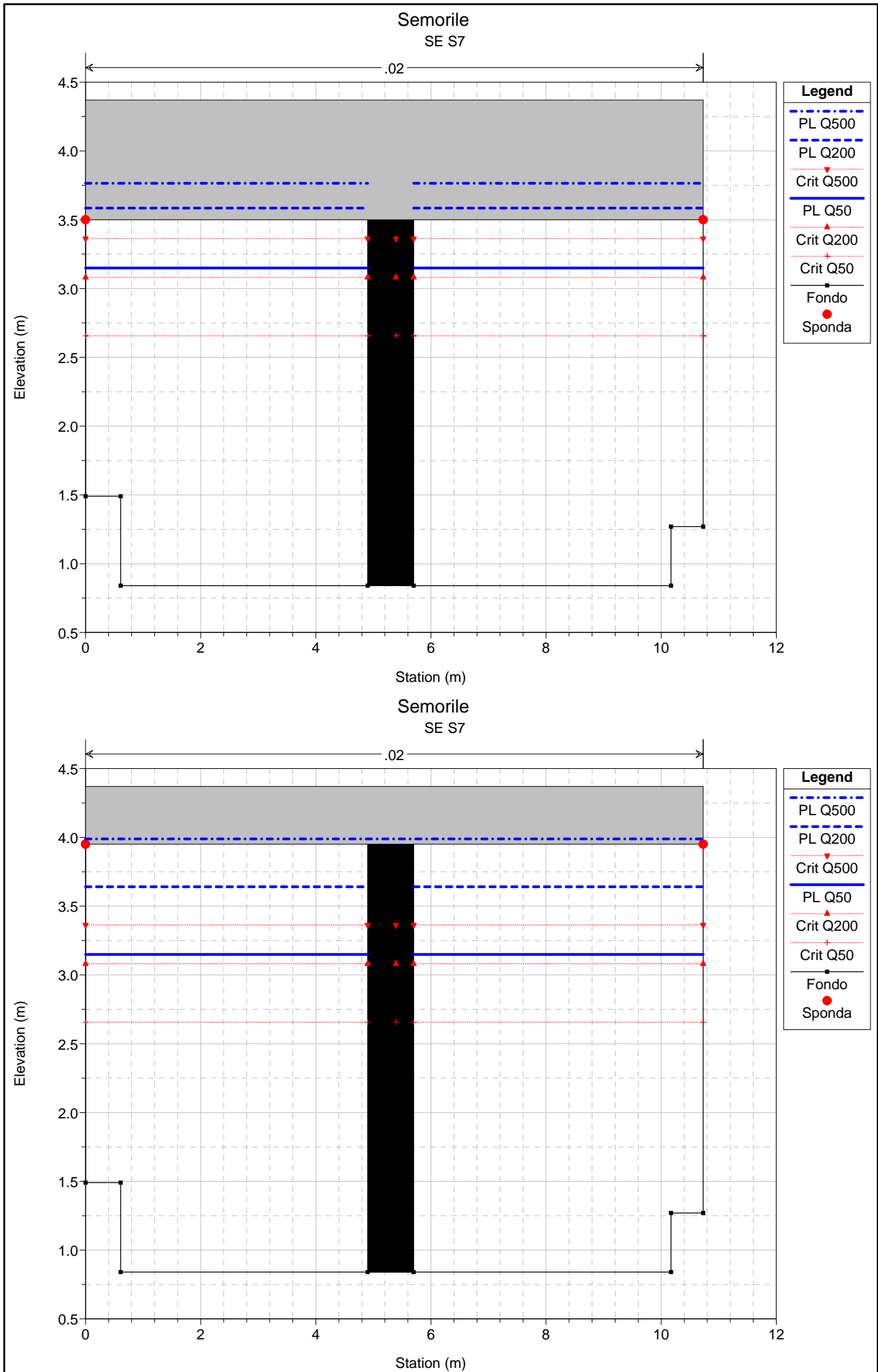


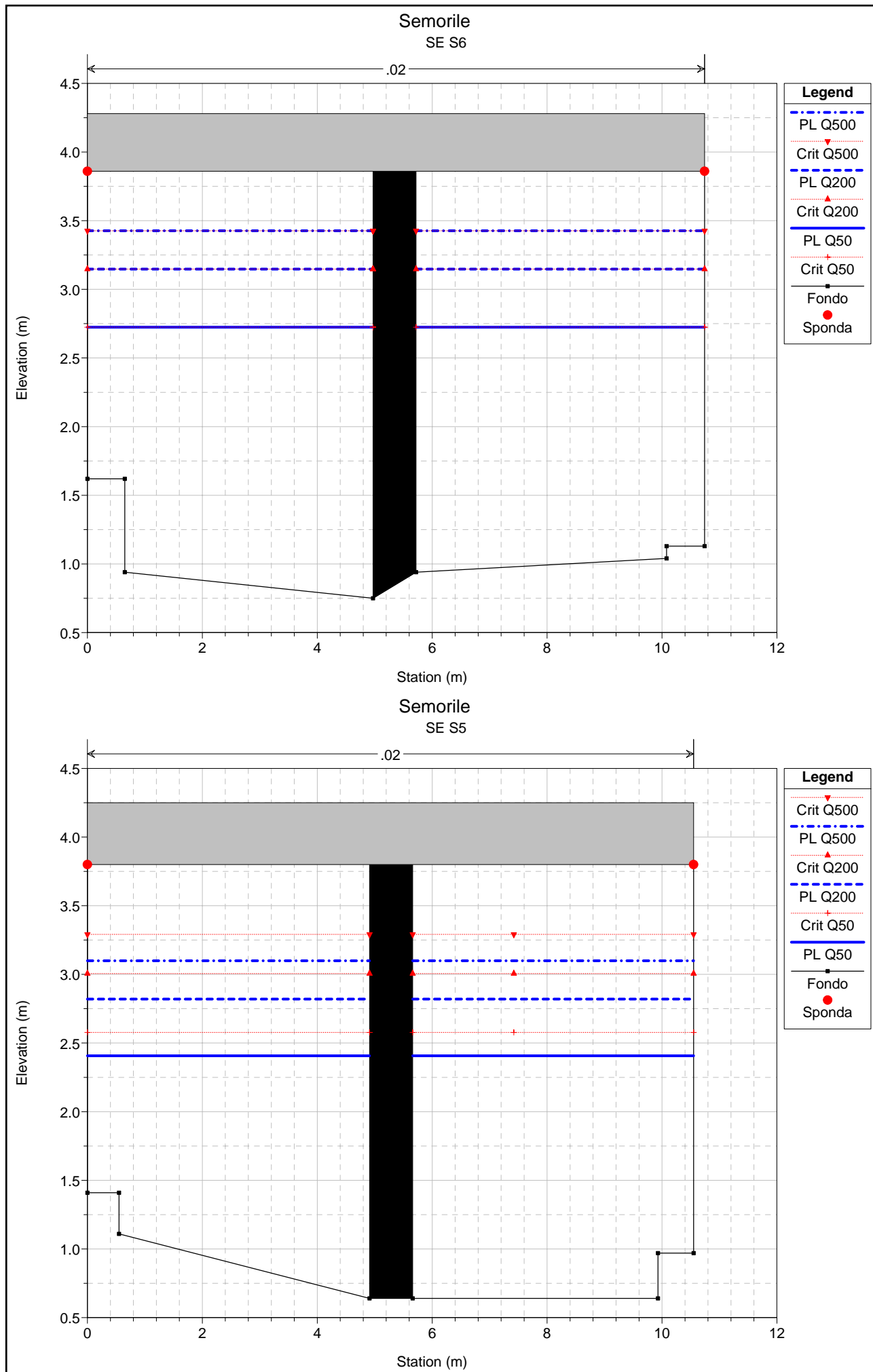


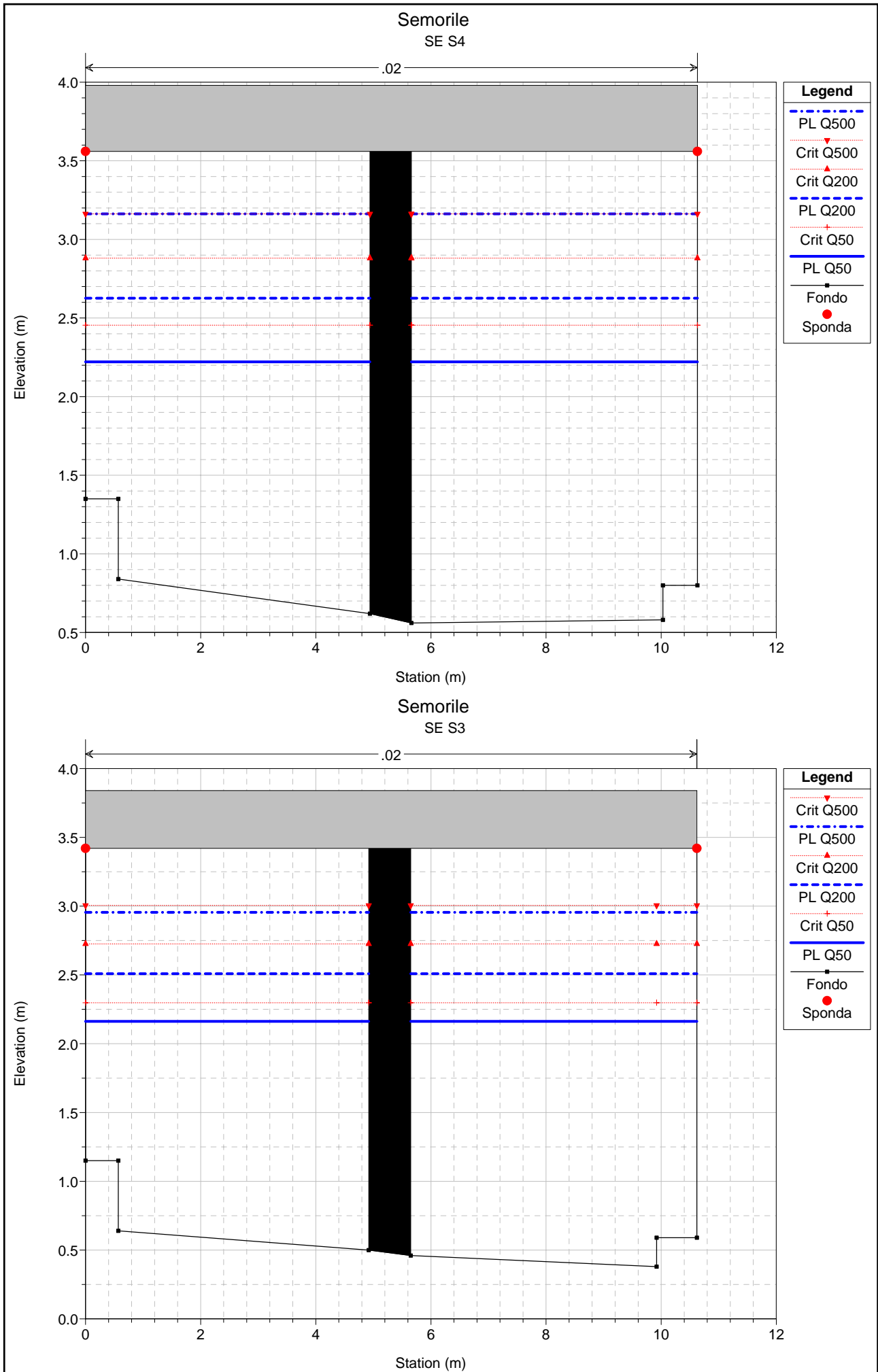


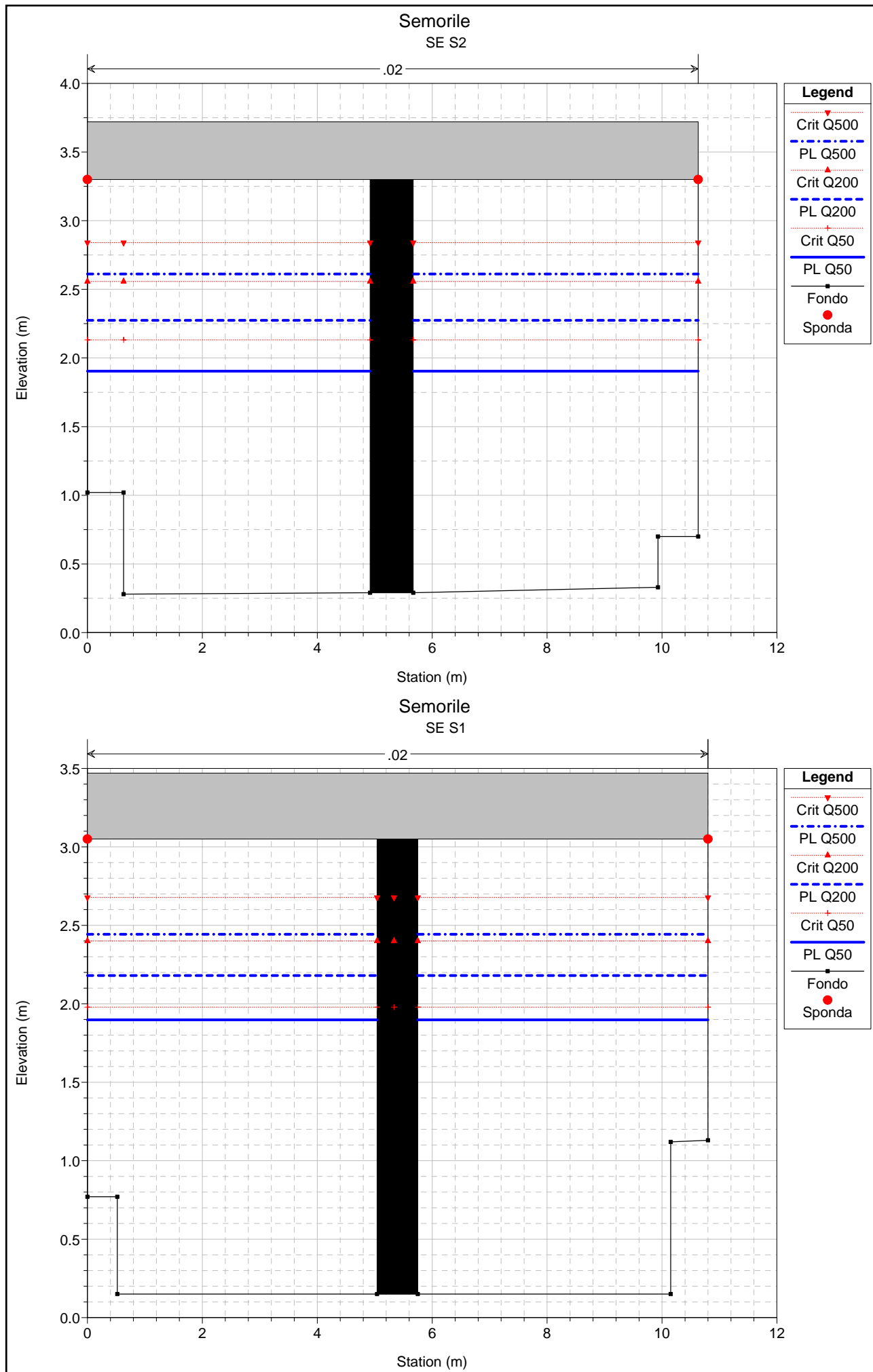












HEC-RAS Plan: 02\_Ott 2007 River: t.semorile Reach: tratto cittadino

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
tratto cittadino	50 SE S 46	Q50	72.20	21.50	24.61	26.20	1.59	25.20	0.59	23.42	24.88	0.002614	2.32	31.19	11.41	0.45
tratto cittadino	50 SE S 46	Q200	100.00	21.50	25.18	26.20	1.02	25.20	0.02	23.84	25.54	0.002931	2.65	37.69	11.47	0.47
tratto cittadino	50 SE S 46	Q500	120.00	21.50	25.55	26.20	0.65	25.20	-0.35	24.11	25.97	0.003122	2.86	41.98	11.49	0.48
tratto cittadino	49 SE S 46	Inl Struct														
tratto cittadino	48 SE S 46	Q50	72.20	20.40	23.02	26.10	3.08	25.10	2.08	22.34	23.46	0.005137	2.96	24.41	10.56	0.62
tratto cittadino	48 SE S 46	Q200	100.00	20.40	23.58	26.10	2.52	25.10	1.52	22.78	24.13	0.005264	3.28	30.52	11.02	0.63
tratto cittadino	48 SE S 46	Q500	120.00	20.40	23.97	26.10	2.13	25.10	1.13	23.07	24.57	0.005271	3.45	34.79	11.33	0.63
tratto cittadino	47 SE S 45	Q50	72.20	20.30	23.03	24.20	1.17	24.80	1.77	22.05	23.37	0.003746	2.58	27.95	10.53	0.51
tratto cittadino	47 SE S 45	Q200	100.00	20.30	23.59	24.20	0.61	24.80	1.21	22.46	24.03	0.004165	2.95	33.85	10.56	0.53
tratto cittadino	47 SE S 45	Q500	120.00	20.30	23.96	24.20	0.24	24.80	0.84	22.74	24.47	0.004411	3.18	37.76	10.57	0.54
tratto cittadino	46 SE S 44	Q50	72.20	20.30	23.00	24.40	1.40	24.90	1.90	22.02	23.32	0.003363	2.48	29.15	11.26	0.49
tratto cittadino	46 SE S 44	Q200	100.00	20.30	23.57	24.40	0.83	24.90	1.33	22.42	23.97	0.003663	2.82	35.50	11.27	0.51
tratto cittadino	46 SE S 44	Q500	120.00	20.30	23.94	24.40	0.46	24.90	0.96	22.68	24.41	0.003840	3.02	39.72	11.28	0.51
tratto cittadino	45 SE S 44	Inl Struct														
tratto cittadino	44 SE S44	Q50	72.20	19.60	21.73	24.40	2.67	24.90	3.17	21.29	22.23	0.006835	3.14	22.97	11.24	0.70
tratto cittadino	44 SE S44	Q200	100.00	19.60	22.20	24.40	2.20	24.90	2.70	21.68	22.84	0.007083	3.53	28.32	11.25	0.71
tratto cittadino	44 SE S44	Q500	120.00	19.60	22.52	24.40	1.88	24.90	2.38	21.95	23.24	0.007259	3.77	31.86	11.25	0.71
tratto cittadino	43 SE S43	Q50	72.20	19.50	21.34	23.80	2.46	23.70	2.36	21.34	22.16	0.013962	4.02	17.95	10.90	1.00
tratto cittadino	43 SE S43	Q200	100.00	19.50	21.73	23.80	2.07	23.70	1.97	21.73	22.76	0.014014	4.48	22.30	10.90	1.00
tratto cittadino	43 SE S43	Q500	120.00	19.50	22.00	23.80	1.80	23.70	1.70	22.00	23.16	0.014085	4.76	25.20	10.90	1.00
tratto cittadino	42 SE S42	Q50	72.20	18.70	20.54	21.95	1.41	22.50	1.96	20.83	21.86	0.023642	5.09	14.19	8.83	1.28
tratto cittadino	42 SE S42	Q200	100.00	18.70	21.07	21.95	0.88	22.50	1.43	21.29	22.49	0.019579	5.28	18.92	8.86	1.15
tratto cittadino	42 SE S42	Q500	120.00	18.70	21.49	21.95	0.46	22.50	1.01	21.59	22.92	0.016930	5.30	22.63	8.88	1.06
tratto cittadino	41 SE S41	Q50	72.20	18.70	20.33	21.95	1.62	22.50	2.17	20.60	21.54	0.023546	4.88	14.80	10.00	1.28
tratto cittadino	41 SE S41	Q200	100.00	18.70	20.66	21.95	1.29	22.50	1.84	21.02	22.21	0.024561	5.51	18.13	10.00	1.31
tratto cittadino	41 SE S41	Q500	120.00	18.70	20.91	21.95	1.04	22.50	1.59	21.30	22.64	0.024397	5.84	20.57	10.00	1.30
tratto cittadino	40 SE S40	Q50	72.20	18.50	20.41	21.95	1.54	22.50	2.09	20.41	21.30	0.014549	4.17	17.33	9.80	1.00
tratto cittadino	40 SE S40	Q200	100.00	18.50	20.84	21.95	1.11	22.50	1.66	20.84	21.94	0.014797	4.65	21.51	9.80	1.00
tratto cittadino	40 SE S40	Q500	120.00	18.50	21.12	21.95	0.83	22.50	1.38	21.12	22.36	0.014954	4.94	24.31	9.80	1.00
tratto cittadino	39 SE S39	Q50	72.20	18.10	20.51	21.90	1.39	22.30	1.79	19.90	20.96	0.005689	2.98	24.25	10.60	0.63
tratto cittadino	39 SE S39	Q200	100.00	18.10	20.90	21.90	1.00	22.30	1.40	20.31	21.53	0.006901	3.52	28.40	10.60	0.69
tratto cittadino	39 SE S39	Q500	120.00	18.10	21.15	21.90	0.75	22.30	1.15	20.58	21.91	0.007708	3.87	31.03	10.60	0.72
tratto cittadino	38 SE S38	Q50	72.20	17.90	20.51	21.80	1.29	19.60	-0.91	19.68	20.85	0.003815	2.57	28.12	11.79	0.53
tratto cittadino	38 SE S38	Q200	100.00	17.90	20.92	21.80	0.88	19.60	-1.32	20.07	21.39	0.004625	3.04	32.92	11.82	0.58
tratto cittadino	38 SE S38	Q500	120.00	17.90	21.18	21.80	0.62	19.60	-1.58	20.32	21.75	0.005142	3.33	36.02	11.85	0.61
tratto cittadino	37.1 SE S37	Q50	72.20	18.60	19.97	20.60	0.63	19.60	-0.37	19.97	20.65	0.013594	3.66	19.71	14.45	1.00
tratto cittadino	37.1 SE S37	Q200	100.00	18.60	20.30	20.60	0.30	19.60	-0.70	20.30	21.15	0.013258	4.08	24.51	14.48	1.00
tratto cittadino	37.1 SE S37	Q500	120.00	18.60	20.52	20.60	0.08	19.60	-0.92	20.52	21.48	0.013118	4.33	27.70	14.49	1.00
tratto cittadino	36.9	Q50	72.20	17.00	17.79	20.32	2.53	19.40	1.61	18.45	20.37	0.108384	7.13	10.13	14.33	2.71
tratto cittadino	36.9	Q200	100.00	17.00	18.01	20.32	2.31	19.40	1.39	18.78	20.87	0.086099	7.49	13.35	14.35	2.48
tratto cittadino	36.9	Q500	120.00	17.00	18.16	20.32	2.16	19.40	1.24	19.01	21.19	0.076379	7.71	15.56	14.36	2.36

HEC-RAS Plan: 02\_Ott 2007 River: t.semorile Reach: tratto cittadino (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
tratto cittadino	36. SE S36	Q50	72.20	16.81	17.81	20.43	2.62	18.50	0.69	18.13	18.85	0.040118	4.50	16.03	22.15	1.69
tratto cittadino	36. SE S36	Q200	100.00	16.81	17.93	20.43	2.50	18.50	0.57	18.38	19.38	0.047909	5.33	18.75	22.89	1.88
tratto cittadino	36. SE S36	Q500	120.00	16.81	18.01	20.43	2.42	18.50	0.49	18.55	19.74	0.052174	5.83	20.59	23.38	1.98
tratto cittadino	35. SE S35	Q50	72.20	15.09	16.56	19.47	2.91	17.97	1.41	17.14	18.52	0.052927	6.21	11.62	11.20	1.95
tratto cittadino	35. SE S35	Q200	100.00	15.09	16.88	19.47	2.59	17.97	1.09	17.53	19.08	0.044024	6.57	15.23	11.20	1.80
tratto cittadino	35. SE S35	Q500	120.00	15.09	17.09	19.47	2.38	17.97	0.88	17.79	19.45	0.040523	6.80	17.64	11.20	1.73
tratto cittadino	34. SE S34	Q50	72.20	13.09	14.64	15.97	1.33	17.47	2.83	15.14	16.32	0.041219	5.73	12.59	11.20	1.73
tratto cittadino	34. SE S34	Q200	100.00	13.09	14.91	15.97	1.06	17.47	2.56	15.53	17.00	0.040793	6.40	15.61	11.20	1.73
tratto cittadino	34. SE S34	Q500	120.00	13.09	15.09	15.97	0.88	17.47	2.38	15.79	17.45	0.040527	6.80	17.64	11.20	1.73
tratto cittadino	33. SE S33	Q50	72.20	11.46	12.99	15.28	2.29	18.43	5.44	13.73	15.46	0.060438	6.96	10.38	9.36	2.11
tratto cittadino	33. SE S33	Q200	100.00	11.46	13.30	15.28	1.98	18.43	5.13	14.16	16.17	0.056467	7.51	13.32	9.91	2.07
tratto cittadino	33. SE S33	Q500	120.00	11.46	15.89	15.28	-0.61	18.43	2.54	14.44	16.29	0.003039	2.82	42.55	12.54	0.49
tratto cittadino	32. SES 32	Q50	72.20	11.25	14.35	14.04	-0.31	15.72	1.37	13.53	14.63	0.003512	2.36	30.65	13.70	0.50
tratto cittadino	32. SES 32	Q200	100.00	11.25	14.99	14.04	-0.95	15.72	0.73	13.87	15.32	0.003177	2.54	39.43	13.70	0.48
tratto cittadino	32. SES 32	Q500	120.00	11.25	15.95	14.04	-1.91	15.72	-0.23	14.10	16.22	0.001978	2.28	52.61	13.70	0.37
tratto cittadino	31. SE S31	Q50	72.20	10.89	13.56	15.45	1.89	16.90	3.34	13.56	14.50	0.014800	4.30	16.80	8.94	1.00
tratto cittadino	31. SE S31	Q200	100.00	10.89	14.45	15.45	1.00	16.90	2.45	14.09	15.22	0.009315	3.90	25.64	10.80	0.81
tratto cittadino	31. SE S31	Q500	120.00	10.89	15.69	15.45	-0.24	16.90	1.21	14.40	16.17	0.004044	3.08	39.02	10.80	0.52
tratto cittadino	30. SE S30	Q50	72.20	10.81	13.64	15.81	2.17	16.80	3.16	13.07	14.20	0.006937	3.32	21.75	8.80	0.67
tratto cittadino	30. SE S30	Q200	100.00	10.81	14.50	15.81	1.31	16.80	2.30	13.53	15.09	0.005763	3.40	29.37	8.80	0.59
tratto cittadino	30. SE S30	Q500	120.00	10.81	15.65	15.81	0.16	16.80	1.15	13.83	16.12	0.003761	3.04	39.43	8.80	0.46
tratto cittadino	29 SE S29	Q50	72.20	10.61	13.58	16.19	2.61	16.19	2.61	12.88	14.15	0.006819	3.36	21.47	7.80	0.65
tratto cittadino	29 SE S29	Q200	100.00	10.61	14.39	16.19	1.80	16.19	1.80	13.38	15.05	0.006485	3.60	27.81	7.80	0.61
tratto cittadino	29 SE S29	Q500	120.00	10.61	15.54	16.19	0.65	16.19	0.65	13.71	16.09	0.004479	3.26	36.82	7.80	0.48
tratto cittadino	28 SE S 28	Q50	72.20	10.40	12.89	15.40	2.51	15.40	2.51	12.89	14.09	0.006286	4.86	14.86	6.18	1.00
tratto cittadino	28 SE S 28	Q200	100.00	10.40	13.47	15.40	1.93	15.40	1.93	13.47	14.96	0.006697	5.42	18.46	6.18	1.00
tratto cittadino	28 SE S 28	Q500	120.00	10.40	15.18	15.40	0.22	15.40	0.22	13.86	16.05	0.002965	4.13	29.04	6.18	0.61
tratto cittadino	27 SE S27	Q50	72.20	10.17	12.28	13.70	1.42	13.70	1.42	12.66	13.97	0.010116	5.77	12.52	6.18	1.29
tratto cittadino	27 SE S27	Q200	100.00	10.17	12.82	13.70	0.88	13.70	0.88	13.24	14.84	0.010068	6.30	15.87	6.18	1.26
tratto cittadino	27 SE S27	Q500	120.00	10.17	14.31	13.70	-0.61	13.70	-0.61	13.63	15.93	0.011048	5.63	21.31		0.89
tratto cittadino	26 SE S26	Q50	72.20	9.64	11.57	12.63	1.06	12.63	1.06	12.16	13.69	0.014110	6.46	11.17	6.07	1.52
tratto cittadino	26 SE S26	Q200	100.00	9.64	12.09	12.63	0.54	12.63	0.54	12.63	14.57	0.013497	6.98	14.33	6.07	1.45
tratto cittadino	26 SE S26	Q500	120.00	9.64	13.71	12.63	-1.08	12.63	-1.08	13.84	15.56	0.018714	6.02	19.92	6.07	0.96
tratto cittadino	25 SE S25	Q50	72.20	8.87	10.36	11.96	1.60	11.96	1.60	11.15	13.07	0.021305	7.30	9.89	7.07	1.97
tratto cittadino	25 SE S25	Q200	100.00	8.87	10.74	11.96	1.22	11.96	1.22	11.69	13.95	0.020229	7.95	12.58	7.07	1.90
tratto cittadino	25 SE S25	Q500	120.00	8.87	10.92	11.96	1.04	11.96	1.04	11.96	14.73	0.022057	8.66	13.86	7.07	1.97
tratto cittadino	24 SE S24	Q50	72.20	7.96	9.29	11.07	1.78	11.07	1.78	10.18	12.44	0.027024	7.87	9.18	7.31	2.24
tratto cittadino	24 SE S24	Q200	100.00	7.96	9.64	11.07	1.43	11.07	1.43	10.71	13.36	0.025254	8.55	11.70	7.31	2.16
tratto cittadino	24 SE S24	Q500	120.00	7.96	9.83	11.07	1.24	11.07	1.24	11.05	14.10	0.026206	9.16	13.10	7.31	2.18
tratto cittadino	23 SE S23	Q50	72.20	7.03	8.26	10.24	1.98	10.24	1.98	9.17	11.62	0.031570	8.12	8.89	8.09	2.47
tratto cittadino	23 SE S23	Q200	100.00	7.03	8.55	10.24	1.69	10.24	1.69	9.66	12.57	0.029704	8.88	11.26	8.09	2.40
tratto cittadino	23 SE S23	Q500	120.00	7.03	8.72	10.24	1.52	10.24	1.52	9.98	13.30	0.030165	9.48	12.66	8.09	2.42



HEC-RAS Plan: 02\_Ott 2007 River: t.semorile Reach: tratto cittadino (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
tratto cittadino	22 SE S22	Q50	72.20	6.41	7.52	9.62	2.10	9.62	2.10	8.39	10.79	0.032799	8.01	9.01	8.90	2.54
tratto cittadino	22 SE S22	Q200	100.00	6.41	7.77	9.62	1.85	9.62	1.85	8.85	11.79	0.031917	8.89	11.25	8.90	2.52
tratto cittadino	22 SE S22	Q500	120.00	6.41	7.92	9.62	1.70	9.62	1.70	9.15	12.51	0.032292	9.49	12.64	8.90	2.54
tratto cittadino	21 SE S21	Q50	72.20	5.81	6.96	8.97	2.01	8.97	2.01	7.76	9.79	0.026557	7.45	9.69	8.99	2.29
tratto cittadino	21 SE S21	Q200	100.00	5.81	7.21	8.97	1.76	8.97	1.76	8.21	10.80	0.027084	8.39	11.92	8.99	2.33
tratto cittadino	21 SE S21	Q500	120.00	5.81	7.37	8.97	1.60	8.97	1.60	8.51	11.49	0.027785	9.00	13.34	8.99	2.36
tratto cittadino	20 SE S20	Q50	72.20	4.99	6.21	8.10	1.89	8.10	1.89	7.01	9.02	0.026175	7.43	9.72	8.93	2.27
tratto cittadino	20 SE S20	Q200	100.00	4.99	6.47	8.10	1.63	8.10	1.63	7.46	10.01	0.026404	8.33	12.00	8.93	2.29
tratto cittadino	20 SE S20	Q500	120.00	4.99	6.63	8.10	1.47	8.10	1.47	7.76	10.67	0.026853	8.91	13.47	8.93	2.32
tratto cittadino	19 SE S19	Q50	72.20	3.91	5.05	7.56	2.51	7.56	2.51	5.89	8.10	0.029548	7.73	9.34	8.96	2.42
tratto cittadino	19 SE S19	Q200	100.00	3.91	5.31	7.56	2.25	7.56	2.25	6.34	9.08	0.029125	8.61	11.62	8.96	2.41
tratto cittadino	19 SE S19	Q500	120.00	3.91	5.47	7.56	2.09	7.56	2.09	6.65	9.75	0.029172	9.16	13.10	8.96	2.42
tratto cittadino	18 SE S18	Q50	72.20	3.34	4.61	6.90	2.29	6.90	2.29	5.39	7.30	0.023581	7.27	9.93	8.55	2.15
tratto cittadino	18 SE S18	Q200	100.00	3.34	4.88	6.90	2.02	6.90	2.02	5.86	8.28	0.024038	8.17	12.24	8.55	2.18
tratto cittadino	18 SE S18	Q500	120.00	3.34	5.06	6.90	1.84	6.90	1.84	6.17	8.93	0.024387	8.71	13.77	8.55	2.19
tratto cittadino	17 SE S17	Q50	72.20	3.39	5.60	6.57	0.97	6.57	0.97	5.60	6.67	0.005711	4.60	15.68	7.27	1.00
tratto cittadino	17 SE S17	Q200	100.00	3.39	5.79	6.57	0.78	6.57	0.78	6.12	7.53	0.008611	5.86	17.08	7.27	1.22
tratto cittadino	17 SE S17	Q500	120.00	3.39	5.92	6.57	0.65	6.57	0.65	6.47	8.18	0.010670	6.66	18.02	7.27	1.35
tratto cittadino	16 SE S16	Q50	72.20	3.32	4.82	6.50	1.68	6.50	1.68	5.31	6.57	0.012418	5.87	12.30	8.39	1.55
tratto cittadino	16 SE S16	Q200	100.00	3.32	5.12	6.50	1.38	6.50	1.38	5.79	7.43	0.013621	6.73	14.85	8.39	1.62
tratto cittadino	16 SE S16	Q500	120.00	3.32	6.84	6.50	-0.34	6.50	-0.34	6.10	7.89	0.006900	4.54	26.43		0.78
tratto cittadino	15 SE S15	Q50	72.20	3.01	4.57	6.43	1.86	6.43	1.86	5.12	6.48	0.013685	6.12	11.79	8.21	1.63
tratto cittadino	15 SE S15	Q200	100.00	3.01	4.89	6.43	1.54	6.43	1.54	5.60	7.34	0.014460	6.93	14.42	8.21	1.67
tratto cittadino	15 SE S15	Q500	120.00	3.01	6.84	6.43	-0.41	6.43	-0.41	5.92	7.84	0.006286	4.43	27.10		0.73
tratto cittadino	14 SE S14	Q50	72.20	2.84	4.41	5.56	1.15	5.56	1.15	4.88	6.12	0.011889	5.80	12.45	8.27	1.51
tratto cittadino	14 SE S14	Q200	100.00	2.84	4.73	5.56	0.83	5.56	0.83	5.36	6.95	0.012721	6.59	15.17	8.27	1.55
tratto cittadino	14 SE S14	Q500	120.00	2.84	6.06	5.56	-0.50	5.56	-0.50	5.56	7.58	0.011850	5.46	22.00		0.98
tratto cittadino	13 SE S13	Q50	72.20	2.73	3.88	5.36	1.48	5.36	1.48	4.51	5.99	0.023692	6.44	11.22	10.31	1.97
tratto cittadino	13 SE S13	Q200	100.00	2.73	4.13	5.36	1.23	5.36	1.23	4.92	6.81	0.024836	7.24	13.81	10.31	2.00
tratto cittadino	13 SE S13	Q500	120.00	2.73	6.46	5.36	-1.10	5.36	-1.10	5.19	7.29	0.010907	4.03	29.77	11.19	0.67
tratto cittadino	12 SE S12	Q50	72.20	2.31	3.71	4.81	1.10	4.81	1.10	4.00	4.95	0.011082	4.94	14.60	10.44	1.33
tratto cittadino	12 SE S12	Q200	100.00	2.31	4.00	4.81	0.81	4.81	0.81	4.42	5.63	0.012384	5.66	17.66	10.44	1.39
tratto cittadino	12 SE S12	Q500	120.00	2.31	5.62	4.81	-0.81	4.81	-0.81	4.69	6.70	0.011291	4.60	26.10		0.81
tratto cittadino	11 SE S11	Q50	72.20	2.08	3.45	4.68	1.23	4.68	1.23	3.78	4.75	0.011808	5.06	14.28	10.42	1.38
tratto cittadino	11 SE S11	Q200	100.00	2.08	4.75	4.68	-0.07	4.68	-0.07	4.19	5.45	0.006909	3.70	27.03		0.72
tratto cittadino	11 SE S11	Q500	120.00	2.08	5.48	4.68	-0.80	4.68	-0.80	4.46	6.49	0.010551	4.46	26.92		0.77
tratto cittadino	10 SE S10	Q50	72.20	1.75	3.38	4.03	0.65	4.03	0.65	3.56	4.46	0.008958	4.60	15.70	10.02	1.17
tratto cittadino	10 SE S10	Q200	100.00	1.75	4.15	4.03	-0.12	4.03	-0.12	3.98	5.18	0.012424	4.50	22.21		0.94
tratto cittadino	10 SE S10	Q500	120.00	1.75	4.61	4.03	-0.58	4.03	-0.58	4.03	6.09	0.017890	5.40	22.21		1.03
tratto cittadino	9 SE S9	Q50	72.20	1.39	2.87	3.89	1.02	3.89	1.02	3.19	4.17	0.011850	5.05	14.29	10.06	1.35
tratto cittadino	9 SE S9	Q200	100.00	1.39	4.01	3.89	-0.12	3.89	-0.12	3.61	4.86	0.009284	4.07	24.55		0.81
tratto cittadino	9 SE S9	Q500	120.00	1.39	4.42	3.89	-0.53	3.89	-0.53	3.89	5.63	0.013368	4.89	24.55		0.91

HEC-RAS Plan: 02\_Ott 2007 River: t.semorile Reach: tratto cittadino (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
tratto cittadino	8 SE S8	Q50	72.20	1.03	3.23	3.66	0.43	3.66	0.43	2.80	3.77	0.003557	3.28	22.04	10.36	0.72
tratto cittadino	8 SE S8	Q200	100.00	1.03	3.82	3.66	-0.16	3.66	-0.16	3.22	4.55	0.007504	3.79	26.41		0.73
tratto cittadino	8 SE S8	Q500	120.00	1.03	4.12	3.66	-0.46	3.66	-0.46	3.49	5.19	0.011372	4.58	26.19		0.84
tratto cittadino	7.1 SE S7	Q50	72.20	0.84	3.15	3.50	0.35	3.50	0.35	2.66	3.68	0.003431	3.24	22.29	9.93	0.69
tratto cittadino	7.1 SE S7	Q200	100.00	0.84	3.58	3.50	-0.08	3.50	-0.08	3.08	4.36	0.007925	3.89	25.71		0.76
tratto cittadino	7.1 SE S7	Q500	120.00	0.84	3.77	3.50	-0.27	3.50	-0.27	3.36	4.89	0.011806	4.69	25.56		0.89
tratto cittadino	7 SE S7	Q50	72.20	0.84	3.15	3.95	0.80	3.95	0.80	2.66	3.68	0.003431	3.24	22.29	9.93	0.69
tratto cittadino	7 SE S7	Q200	100.00	0.84	3.64	3.95	0.31	3.95	0.31	3.08	4.33	0.003872	3.68	27.18	9.93	0.71
tratto cittadino	7 SE S7	Q500	120.00	0.84	3.99	3.95	-0.04	3.95	-0.04	3.36	4.79	0.007332	3.97	30.24		0.72
tratto cittadino	6 SE S6	Q50	72.20	0.75	2.72	3.86	1.14	3.86	1.14	2.72	3.60	0.006727	4.14	17.45	9.99	1.00
tratto cittadino	6 SE S6	Q200	100.00	0.75	3.15	3.86	0.71	3.86	0.71	3.15	4.23	0.007098	4.61	21.68	9.99	1.00
tratto cittadino	6 SE S6	Q500	120.00	0.75	3.43	3.86	0.43	3.86	0.43	3.43	4.65	0.007369	4.90	24.47	9.99	1.00
tratto cittadino	5 SE S5	Q50	72.20	0.64	2.41	3.80	1.39	3.80	1.39	2.58	3.49	0.009058	4.61	15.66	9.80	1.16
tratto cittadino	5 SE S5	Q200	100.00	0.64	2.82	3.80	0.98	3.80	0.98	3.01	4.13	0.009174	5.07	19.71	9.80	1.14
tratto cittadino	5 SE S5	Q500	120.00	0.64	3.10	3.80	0.70	3.80	0.70	3.29	4.56	0.009275	5.35	22.45	9.80	1.13
tratto cittadino	4 SE S4	Q50	72.20	0.56	2.22	3.56	1.34	3.56	1.34	2.45	3.39	0.010089	4.79	15.08	9.91	1.24
tratto cittadino	4 SE S4	Q200	100.00	0.56	2.63	3.56	0.93	3.56	0.93	2.88	4.02	0.010010	5.24	19.09	9.91	1.20
tratto cittadino	4 SE S4	Q500	120.00	0.56	3.16	3.56	0.40	3.56	0.40	3.16	4.39	0.007394	4.92	24.41	9.91	1.00
tratto cittadino	3 SE S3	Q50	72.20	0.38	2.16	3.42	1.26	3.42	1.26	2.30	3.19	0.008447	4.50	16.05	9.89	1.13
tratto cittadino	3 SE S3	Q200	100.00	0.38	2.51	3.42	0.91	3.42	0.91	2.73	3.85	0.009464	5.14	19.47	9.89	1.17
tratto cittadino	3 SE S3	Q500	120.00	0.38	2.95	3.42	0.46	3.42	0.46	3.01	4.24	0.007829	5.02	23.88	9.89	1.03
tratto cittadino	2 SE S2	Q50	72.20	0.28	1.90	3.30	1.40	3.30	1.40	2.13	3.06	0.010051	4.77	15.14	9.88	1.23
tratto cittadino	2 SE S2	Q200	100.00	0.28	2.27	3.30	1.03	3.30	1.03	2.56	3.72	0.010520	5.32	18.80	9.88	1.23
tratto cittadino	2 SE S2	Q500	120.00	0.28	2.61	3.30	0.69	3.30	0.69	2.84	4.11	0.009695	5.42	22.13	9.88	1.16
tratto cittadino	1 SE S1	Q50	72.20	0.15	1.90	3.05	1.15	3.05	1.15	1.98	2.85	0.007728	4.33	16.68	10.09	1.07
tratto cittadino	1 SE S1	Q200	100.00	0.15	2.18	3.05	0.87	3.05	0.87	2.40	3.52	0.009550	5.12	19.53	10.09	1.17
tratto cittadino	1 SE S1	Q500	120.00	0.15	2.44	3.05	0.61	3.05	0.61	2.68	3.93	0.009691	5.41	22.18	10.09	1.16