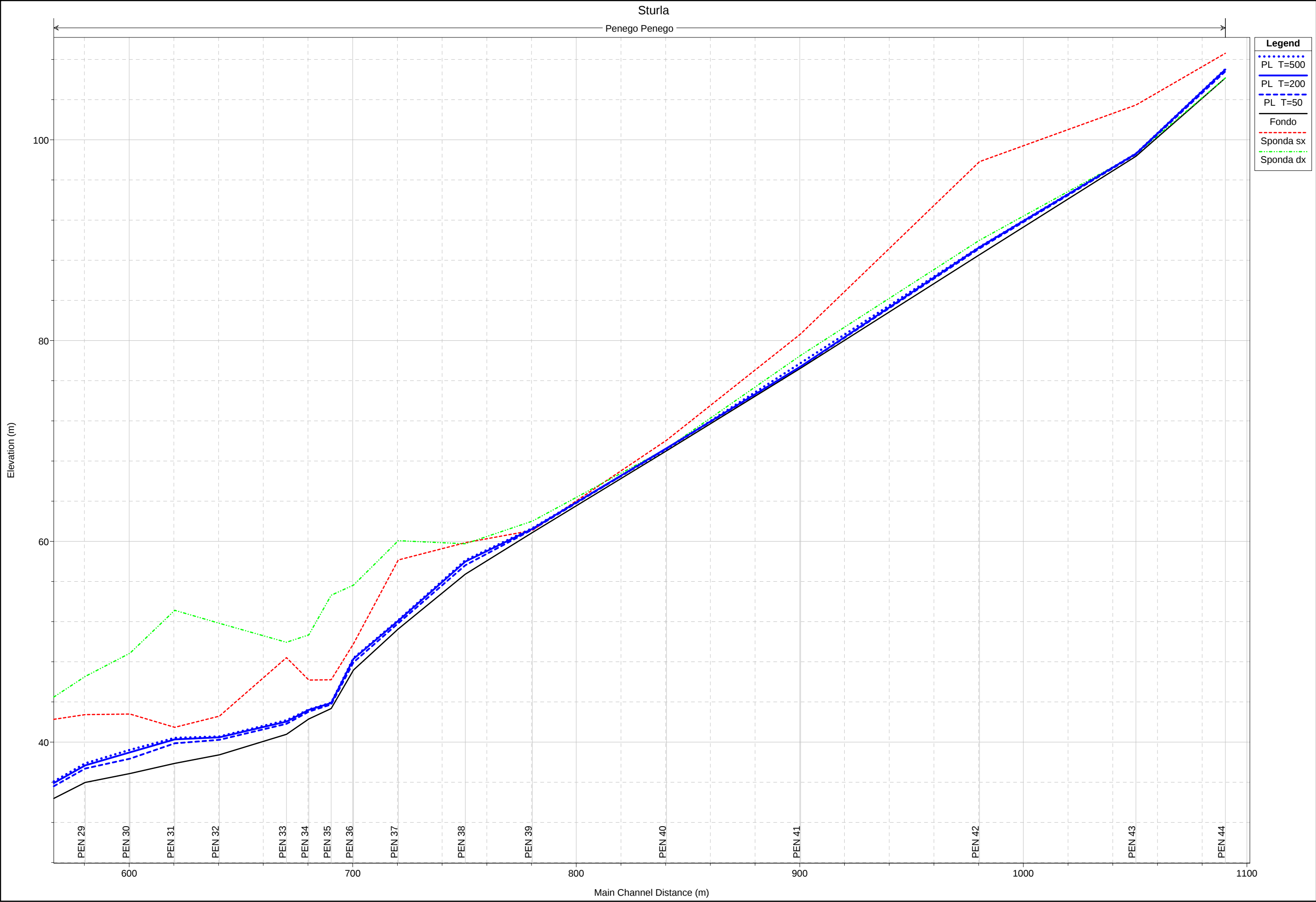


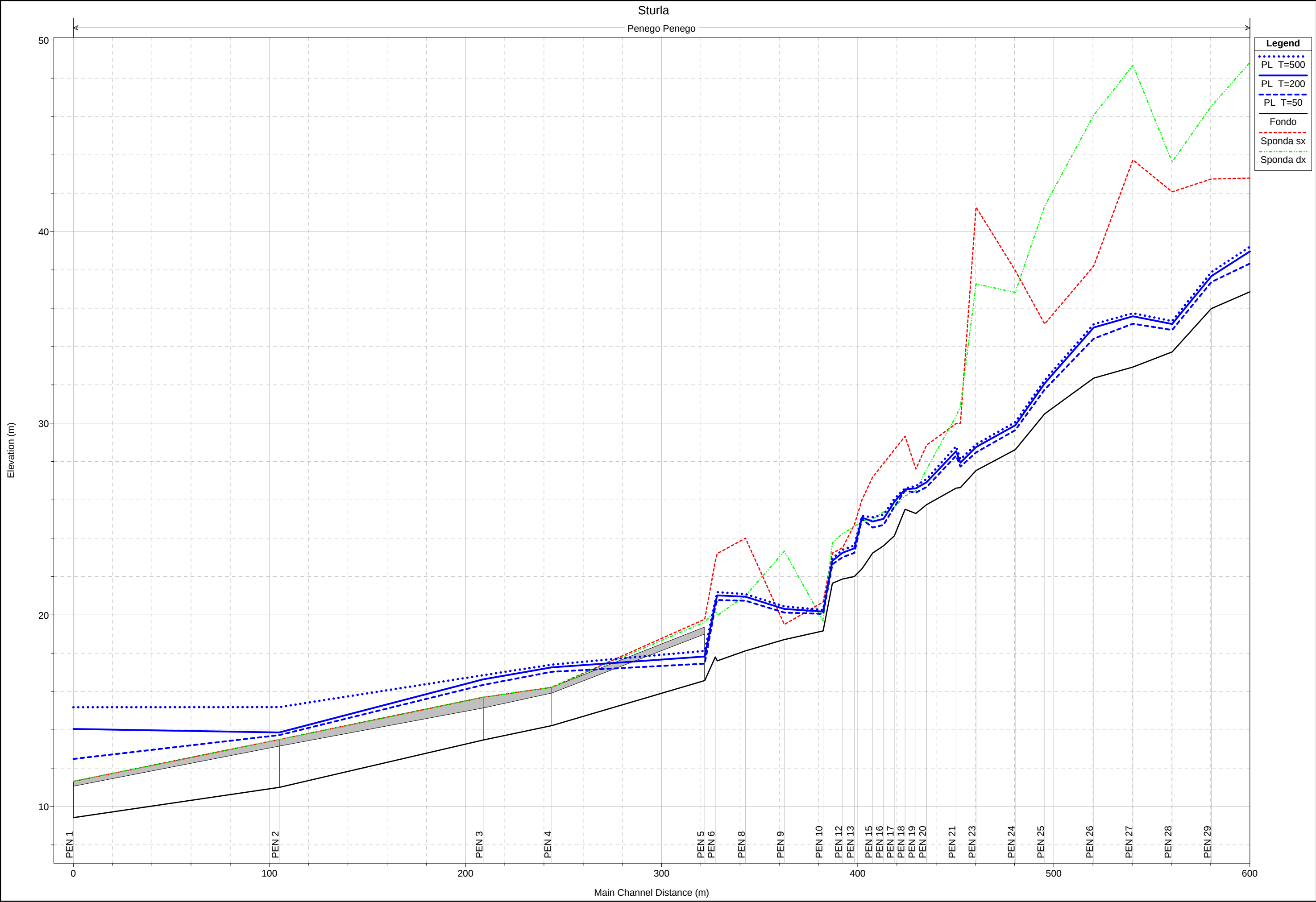
Torrente Sturla

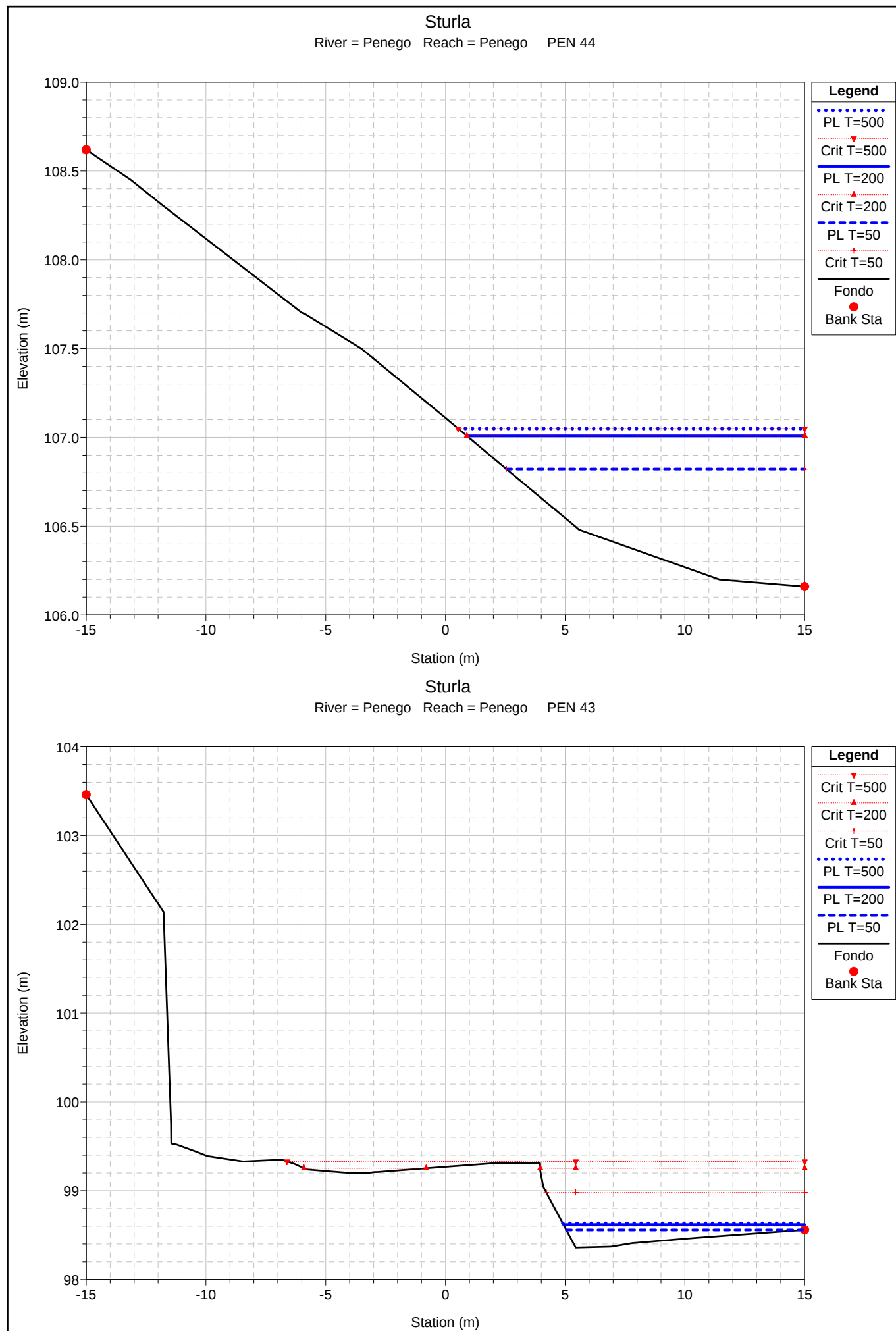
Affluenti – rio Penego e rio Pomà

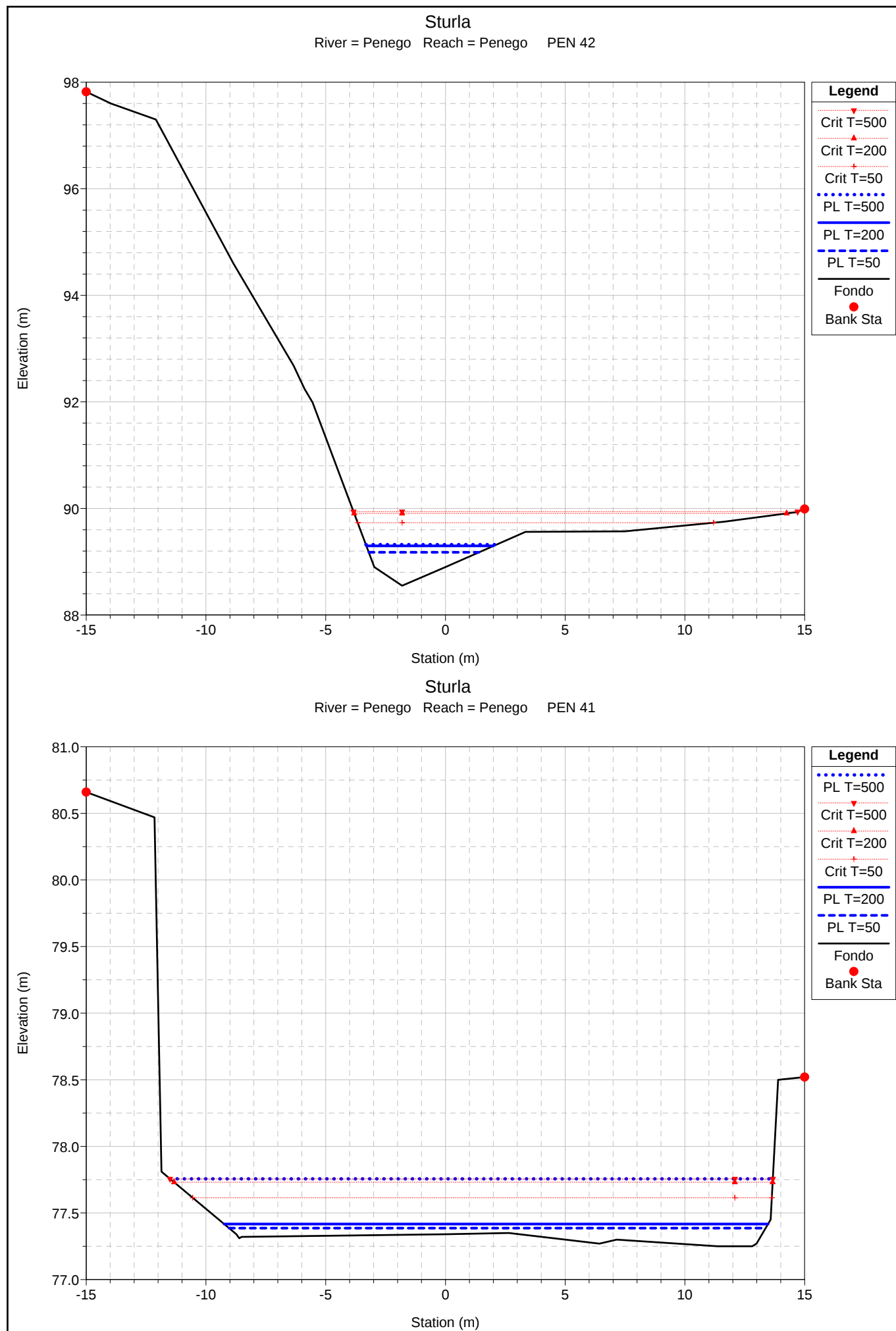
dalla sezione alla PEN44 alla PEN1 e dalla sezione PO3 alla PO1

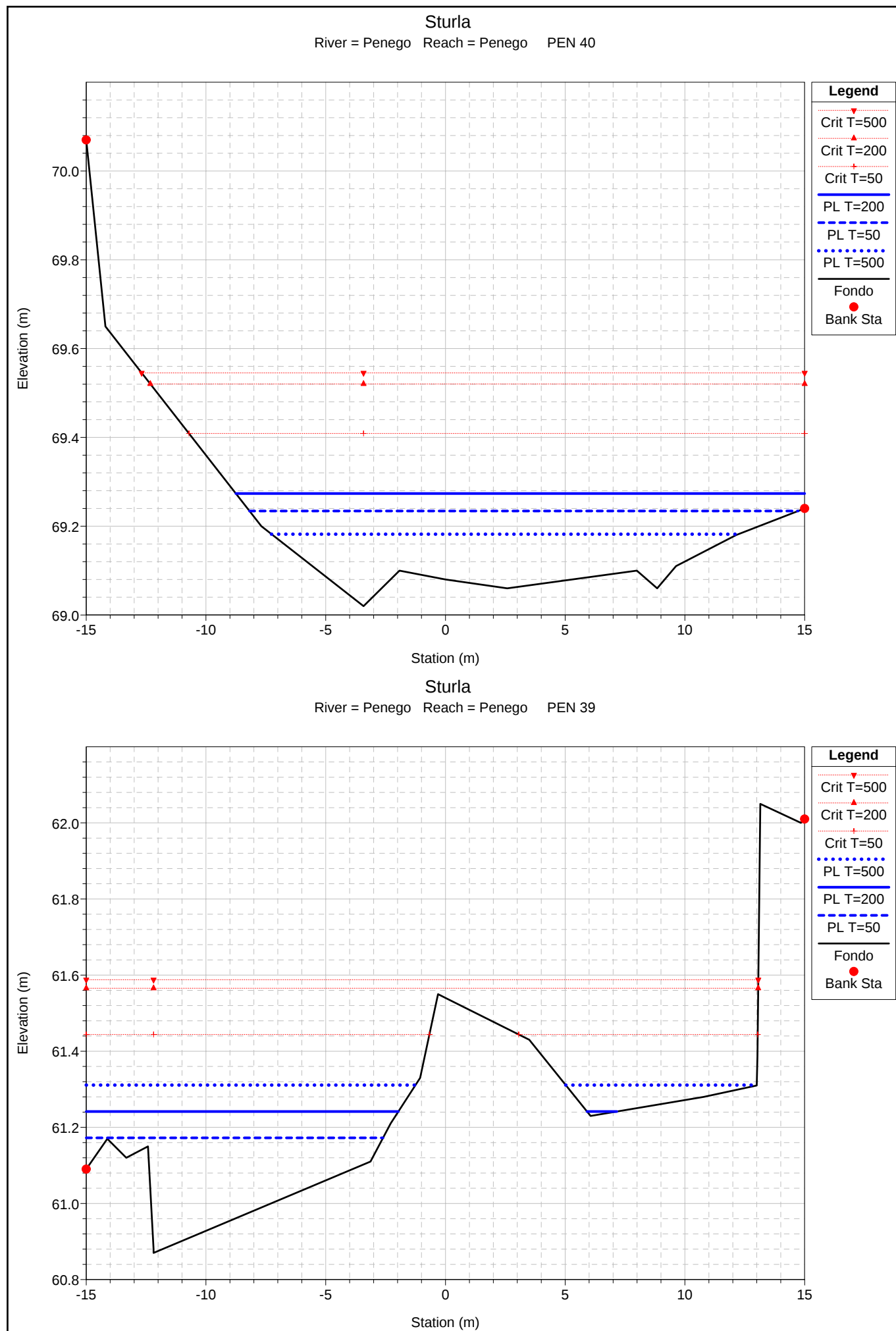
- Profili di corrente
- Sezioni idrauliche
- Tabelle dei risultati

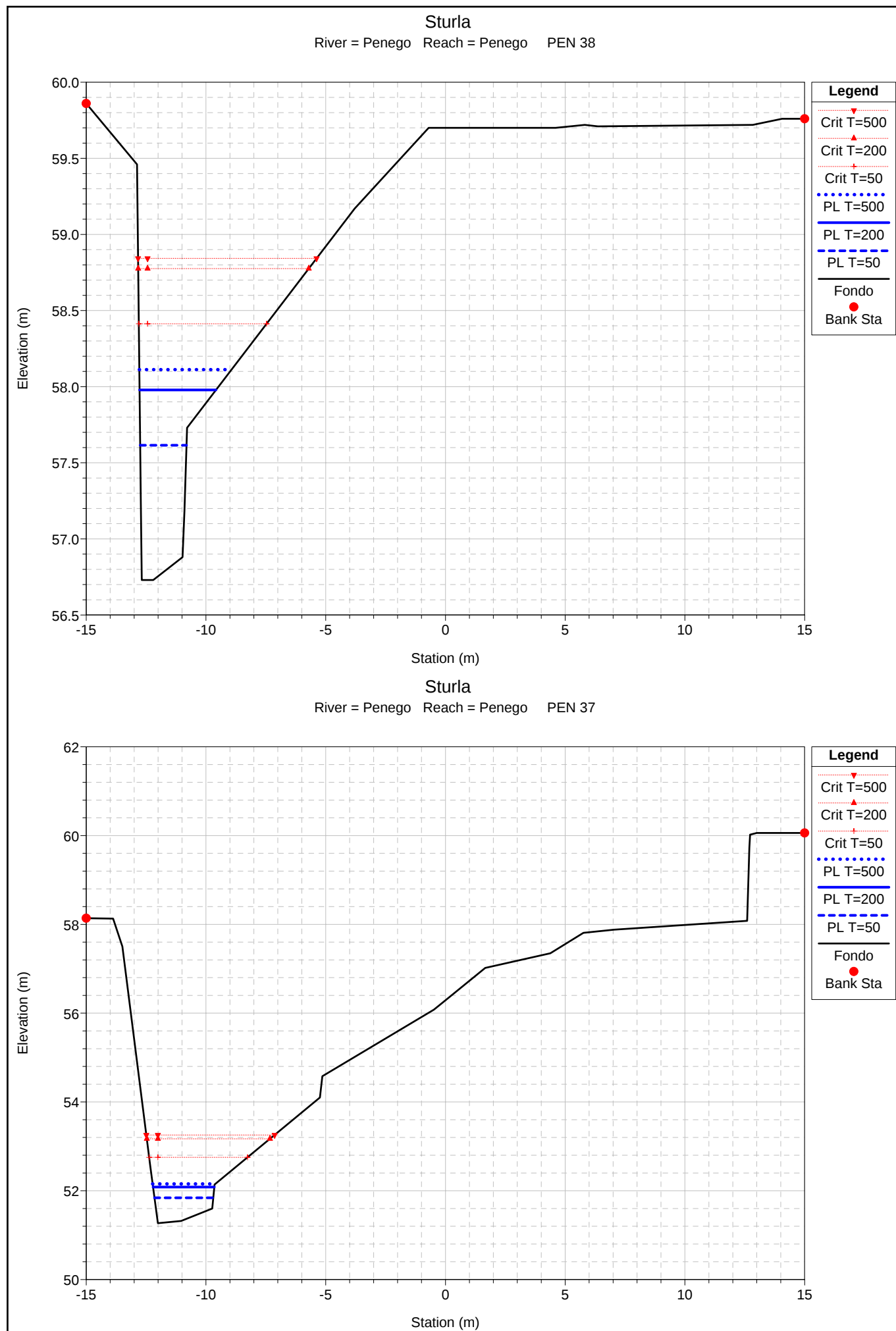


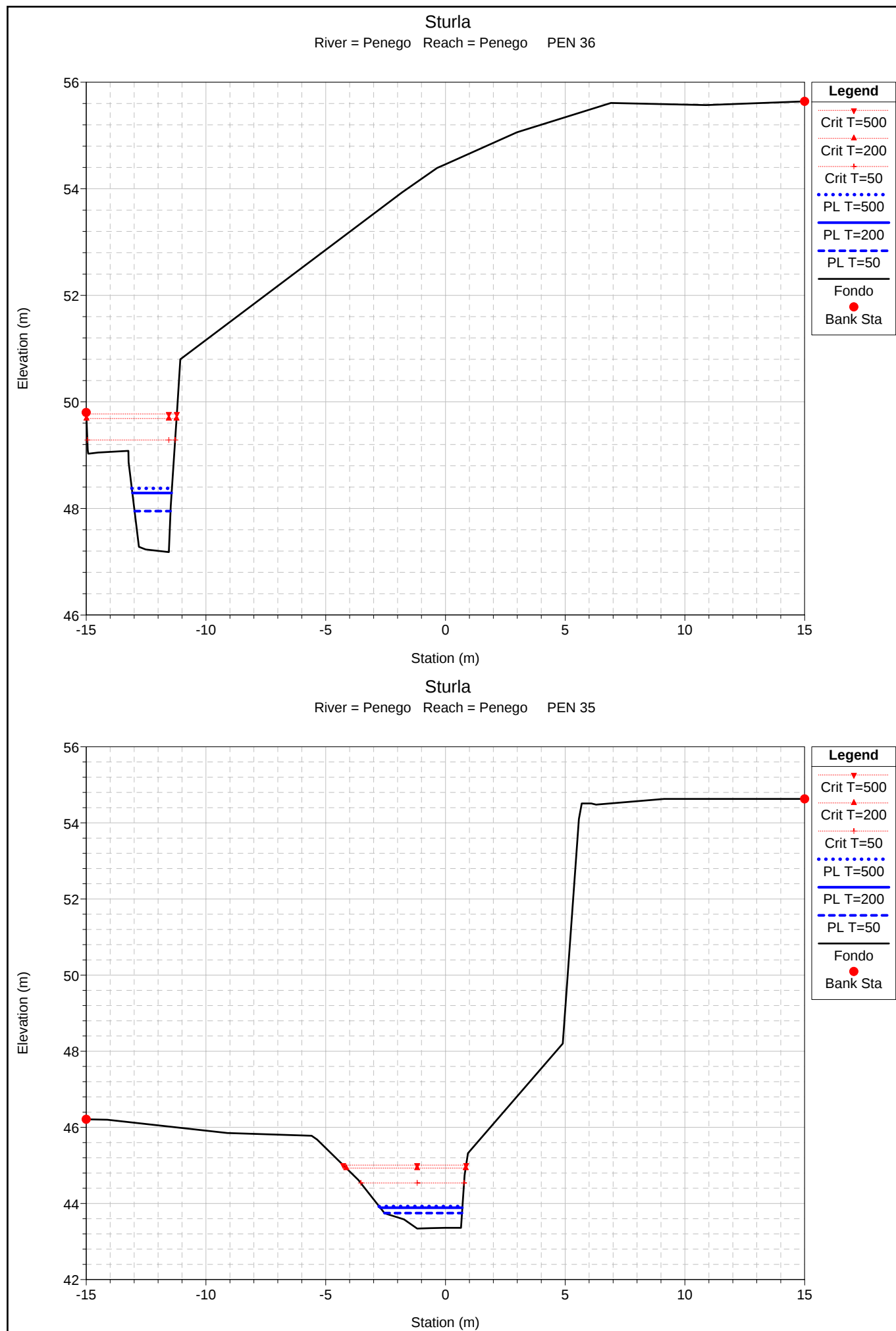


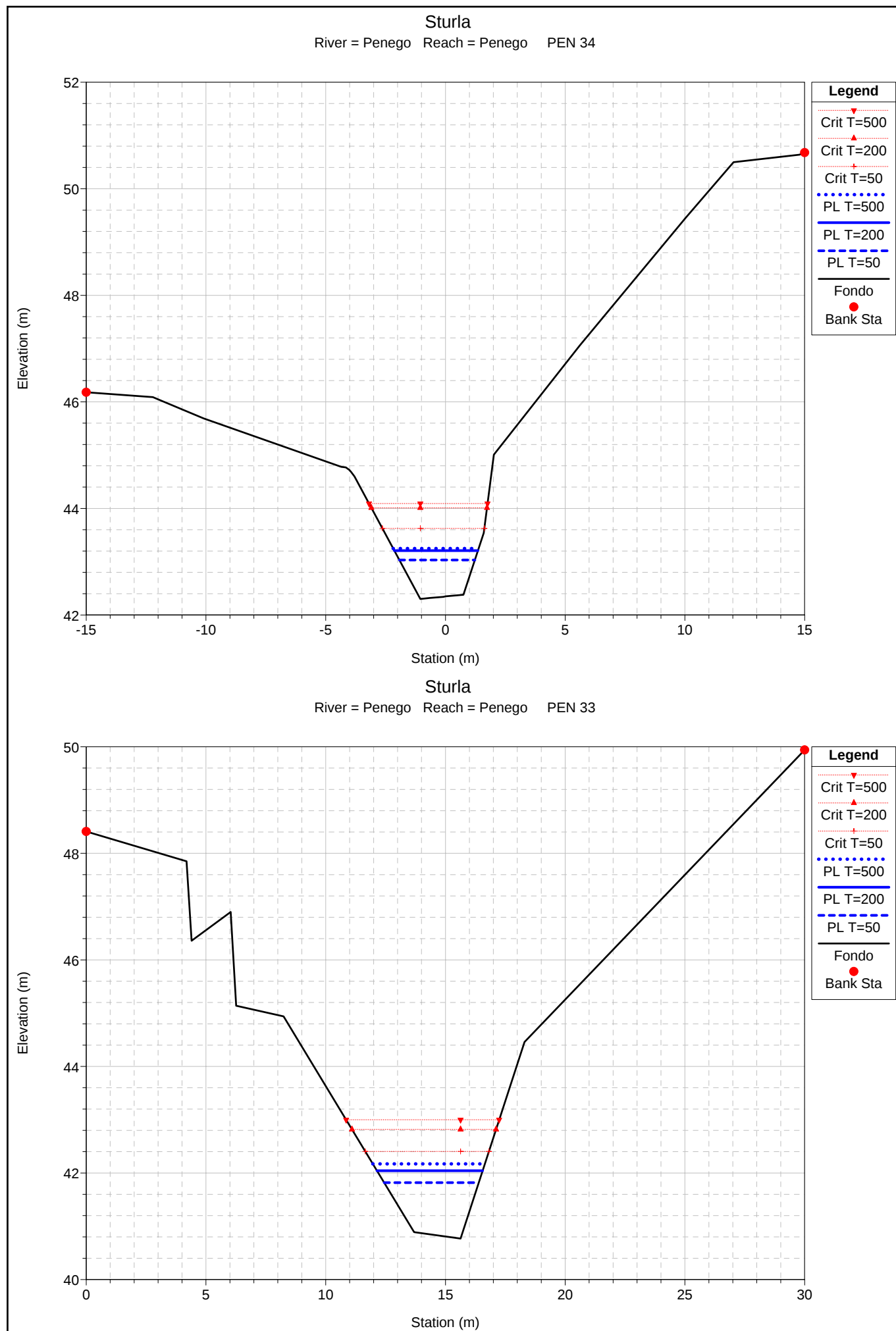


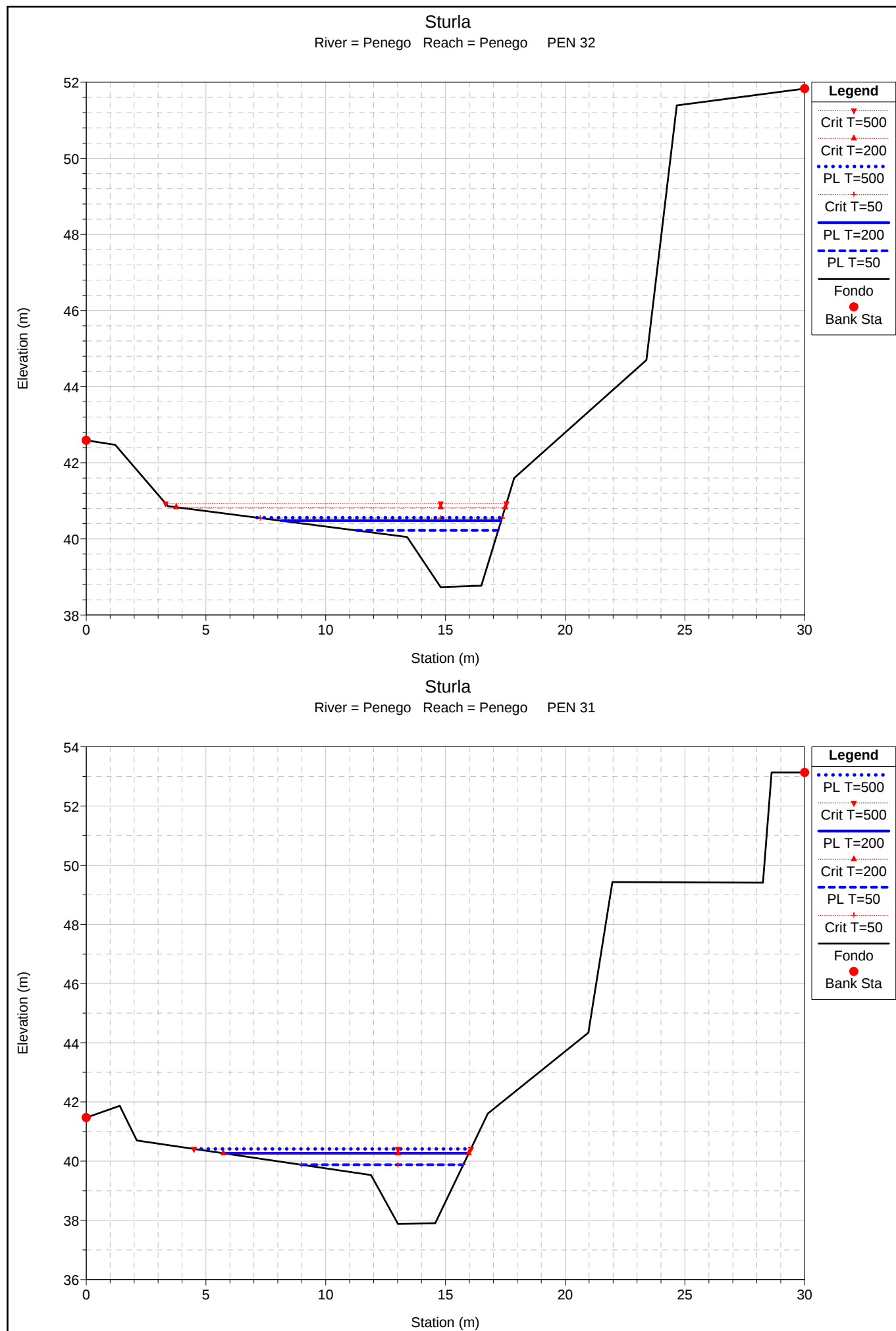


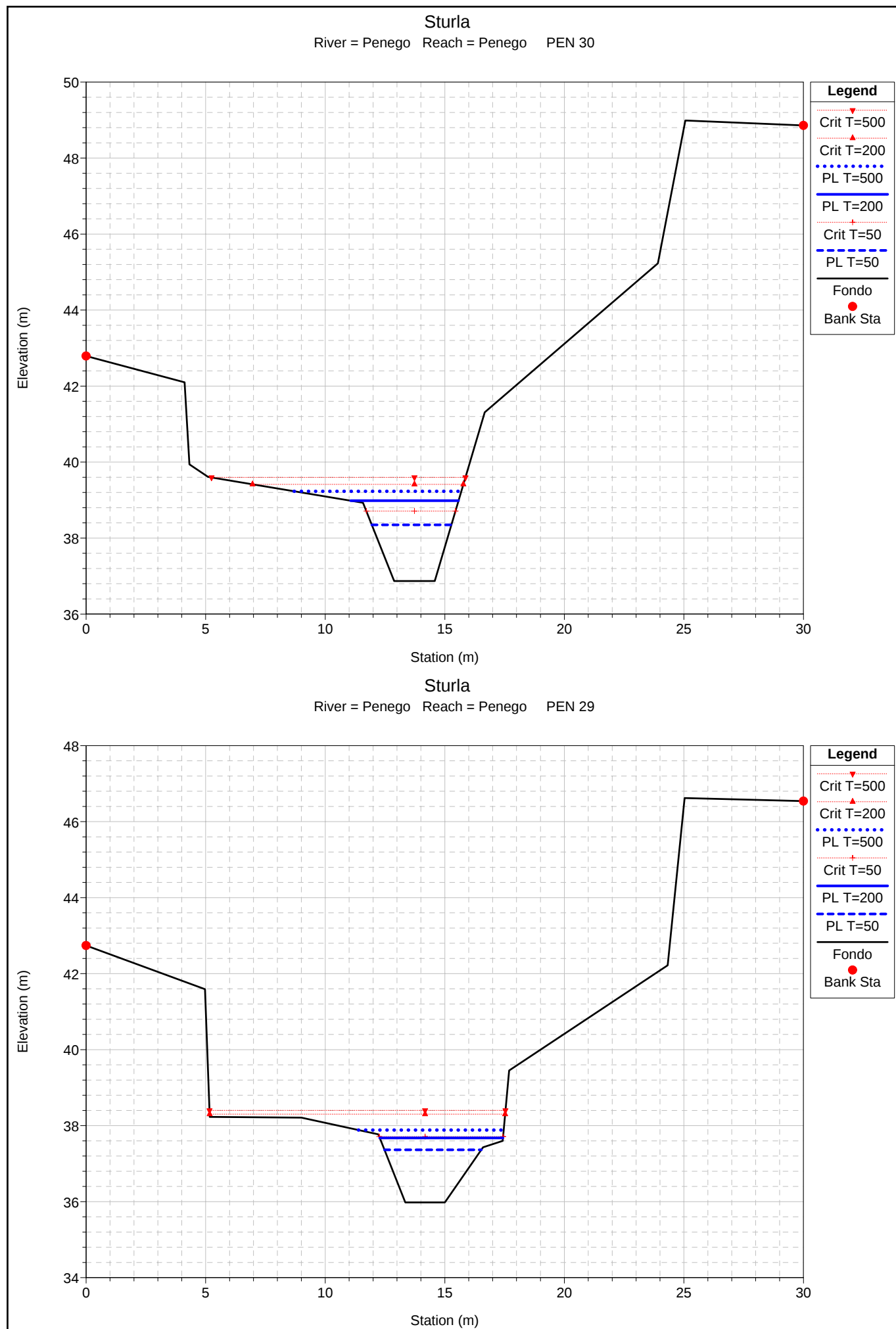


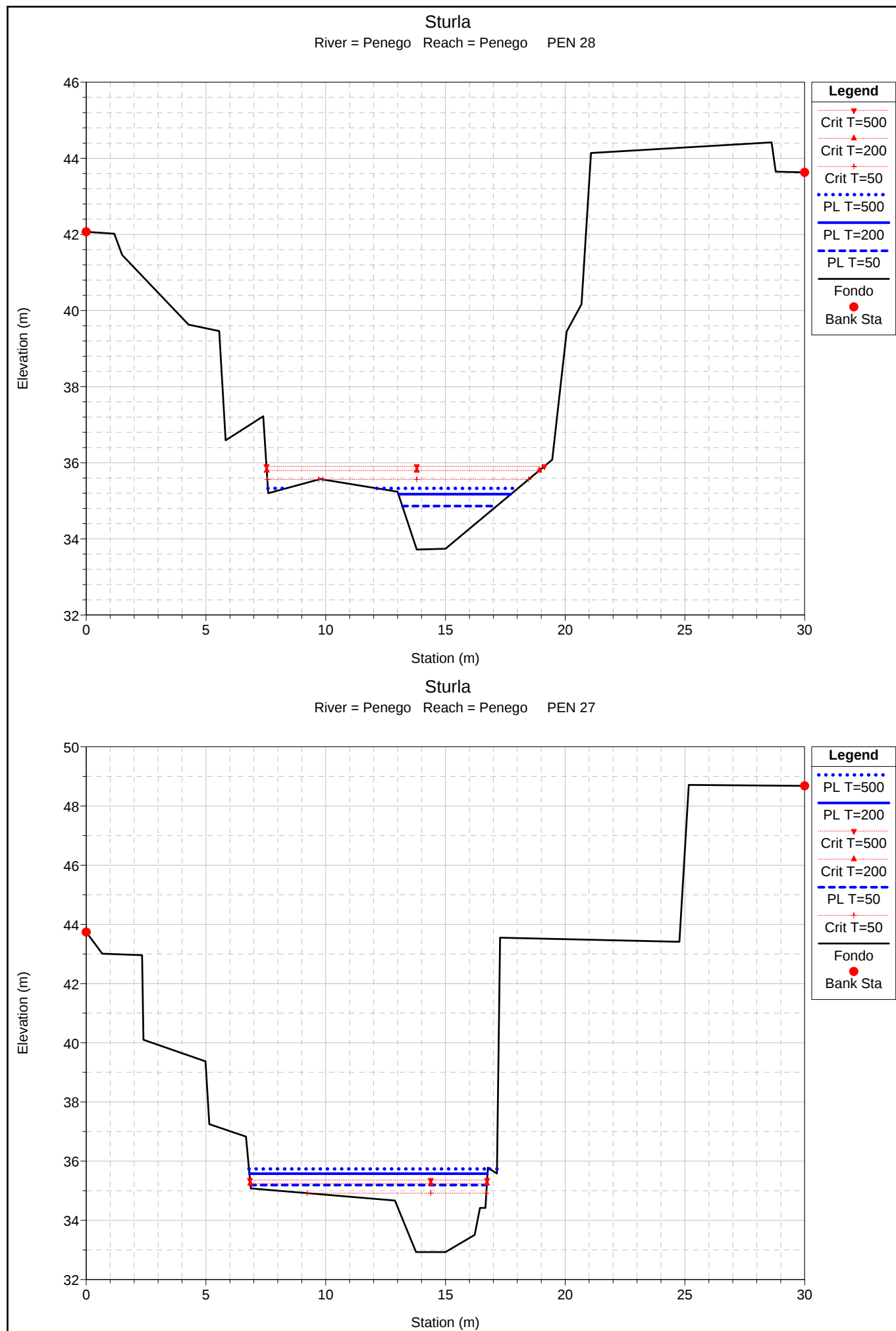


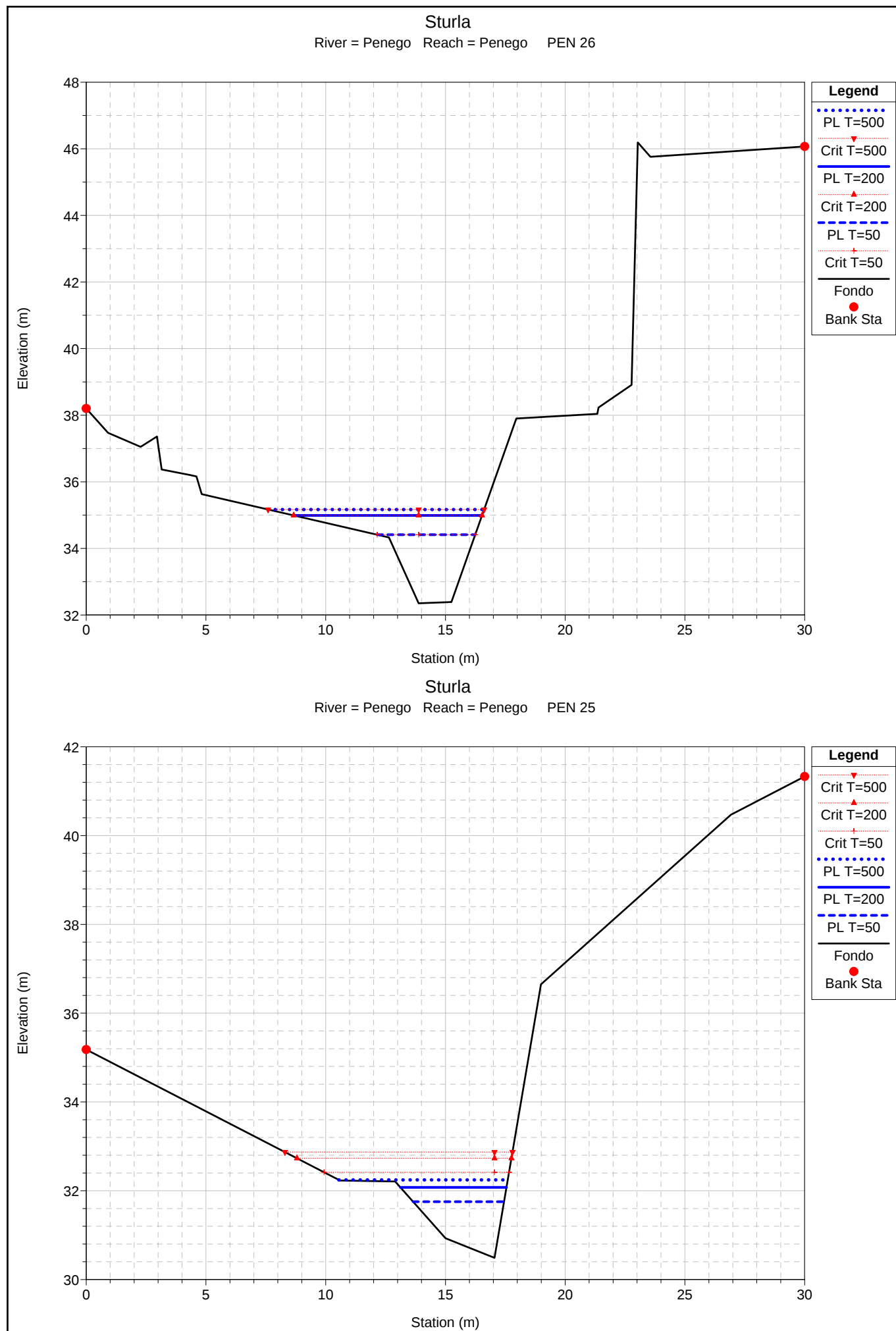


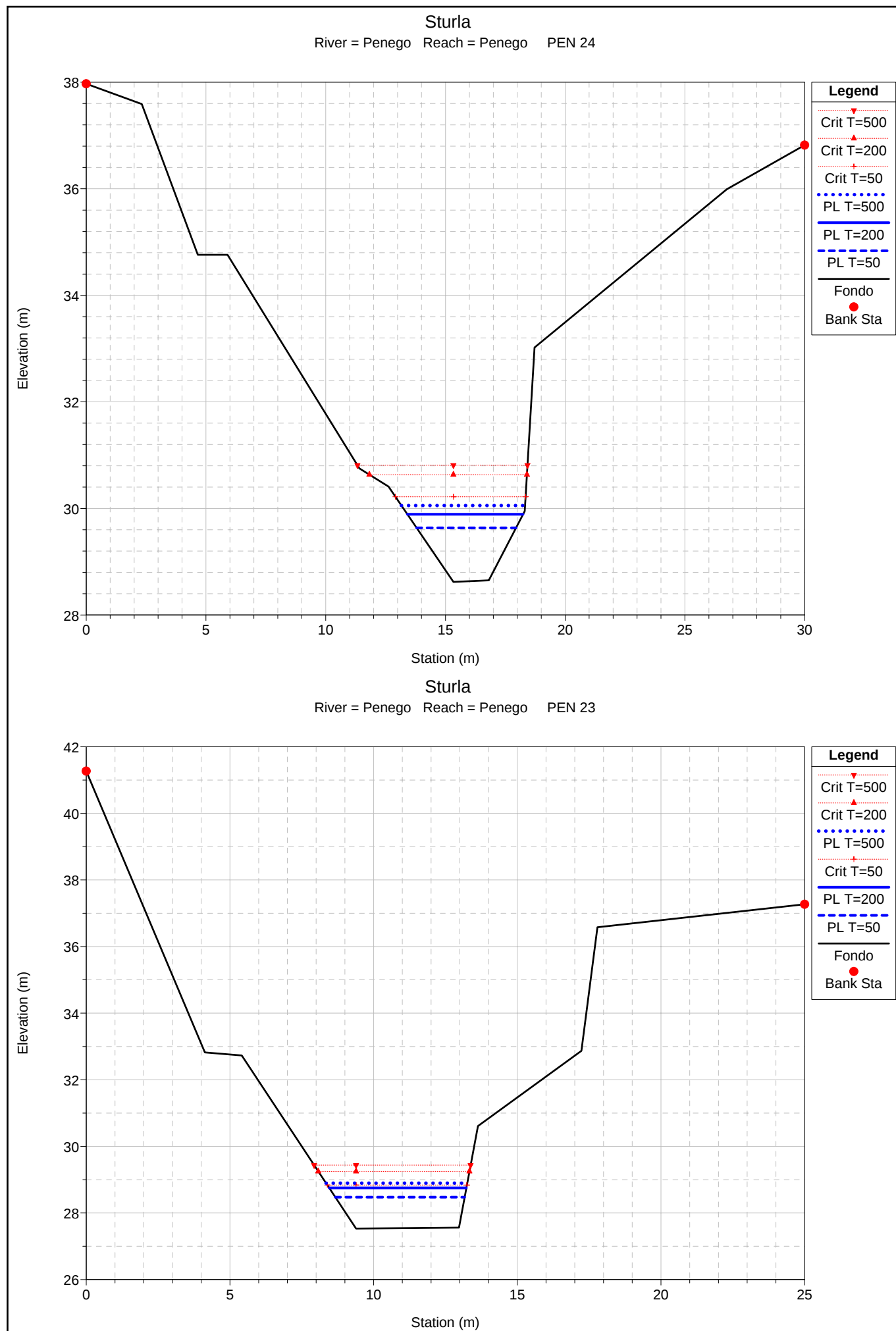


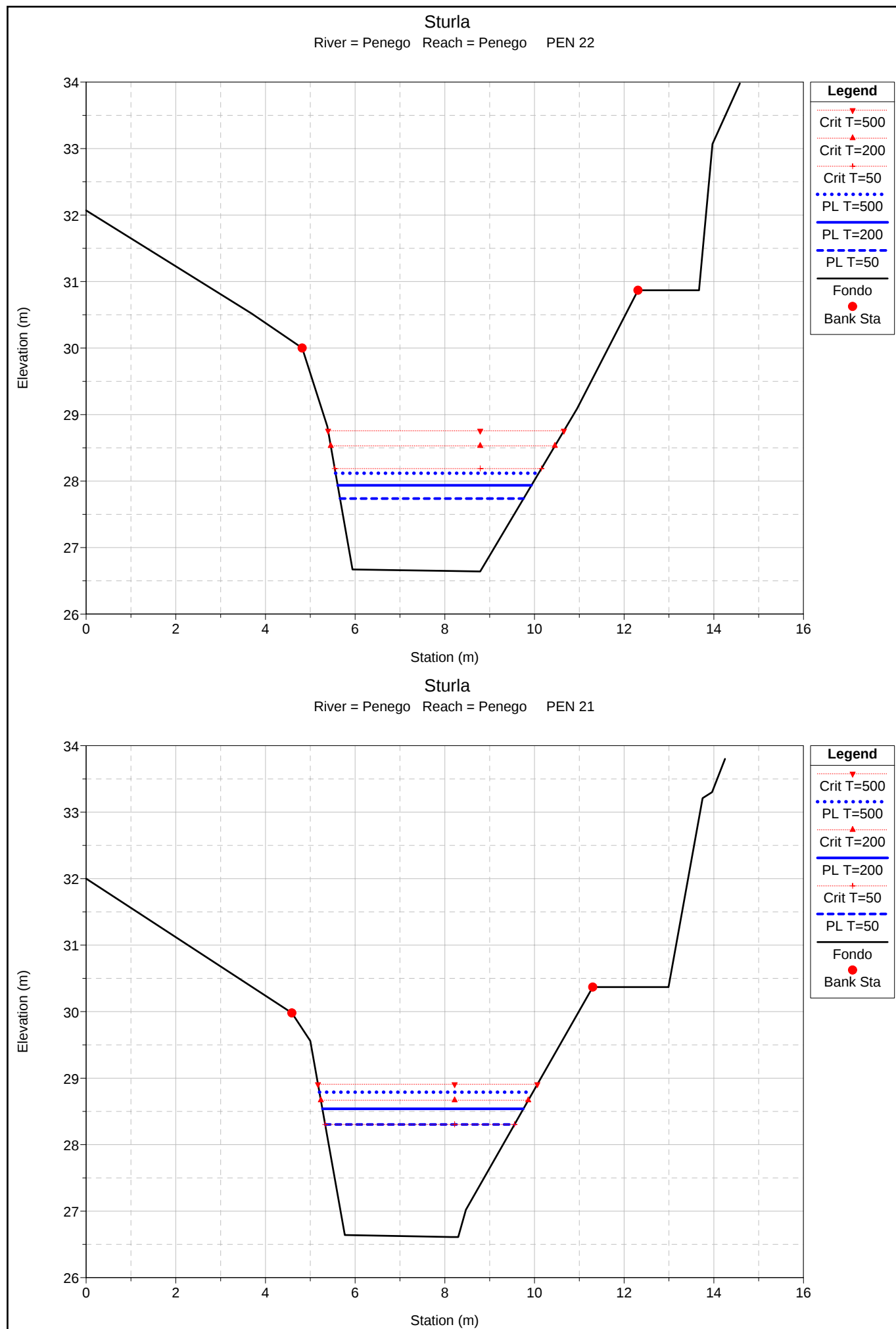


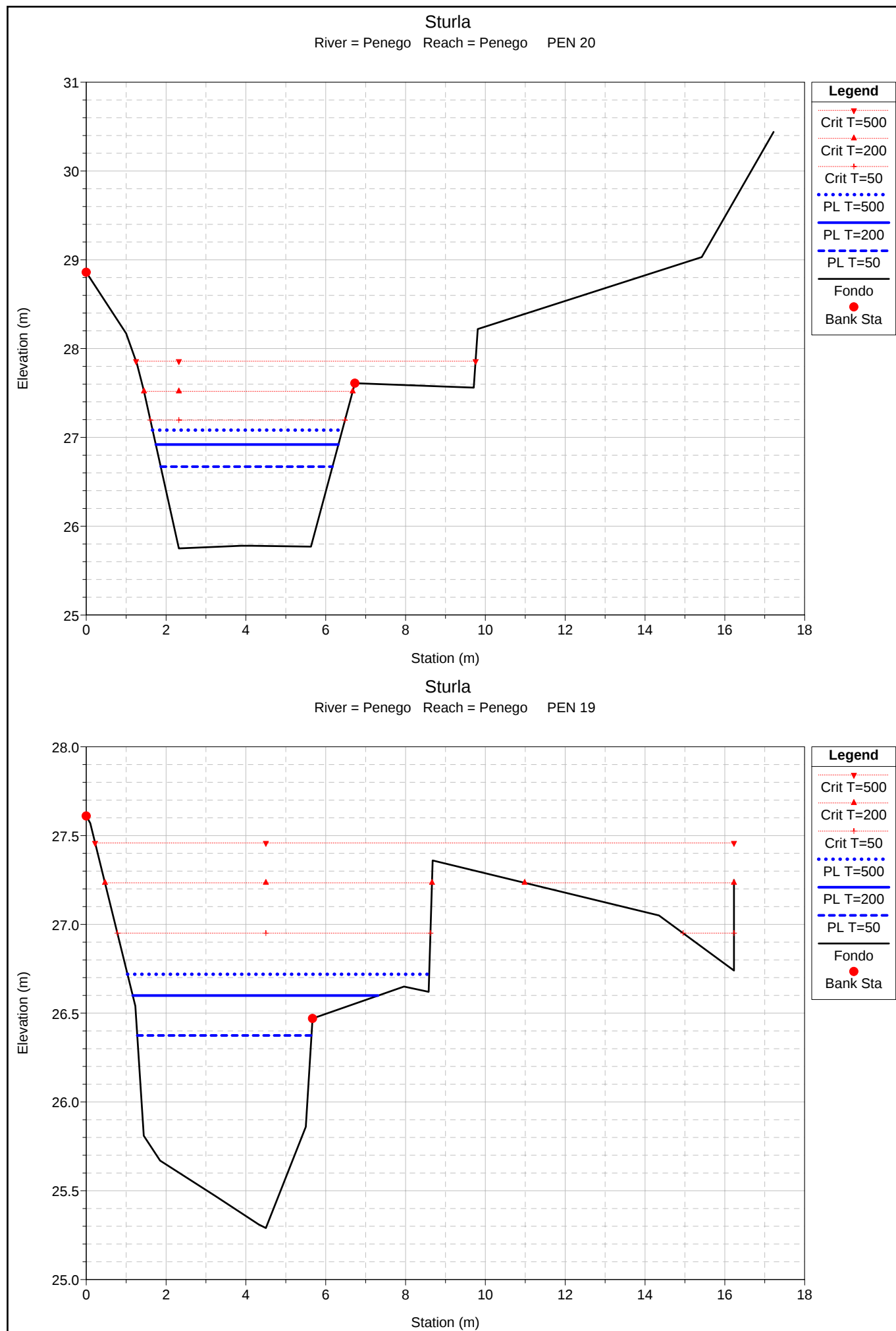


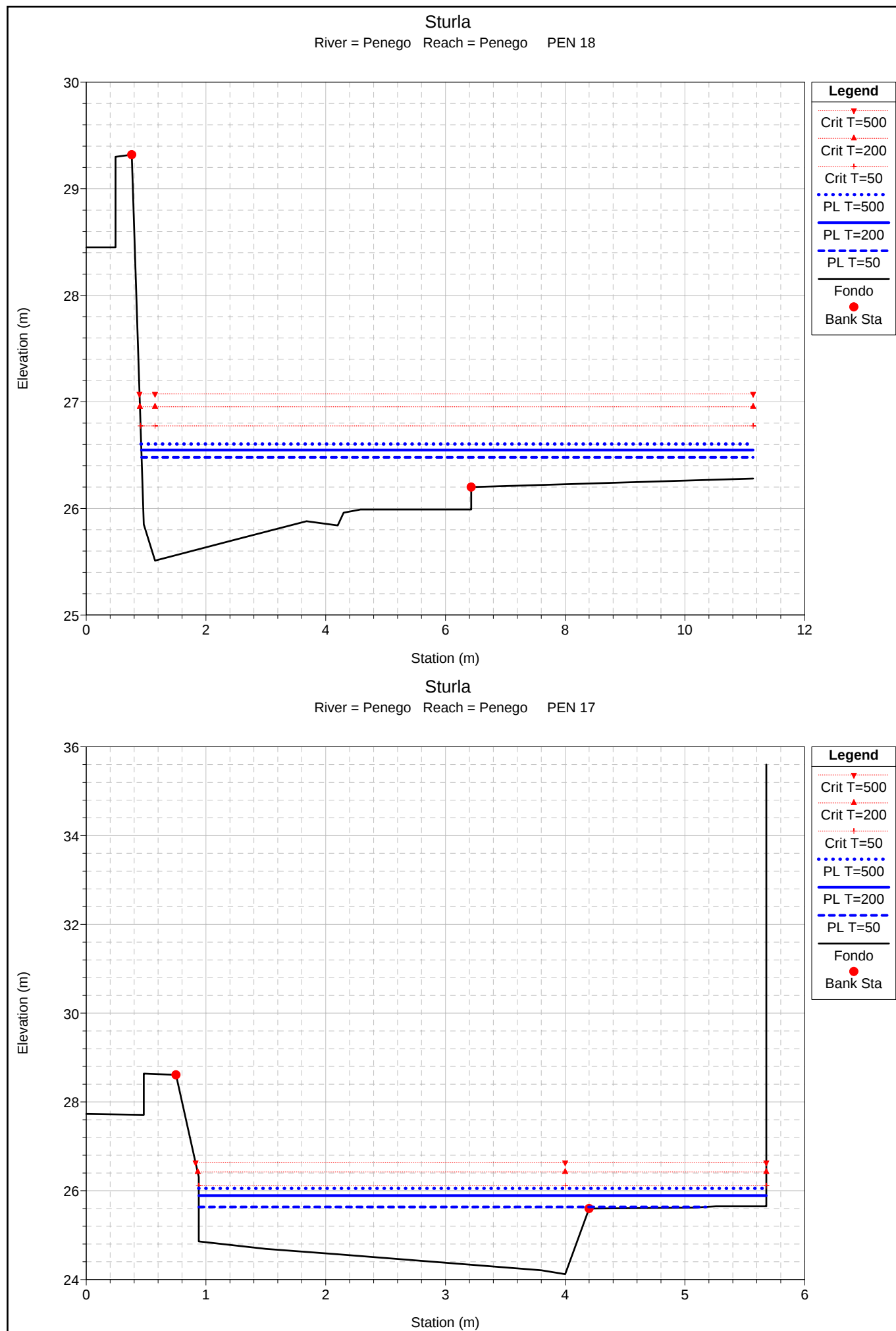


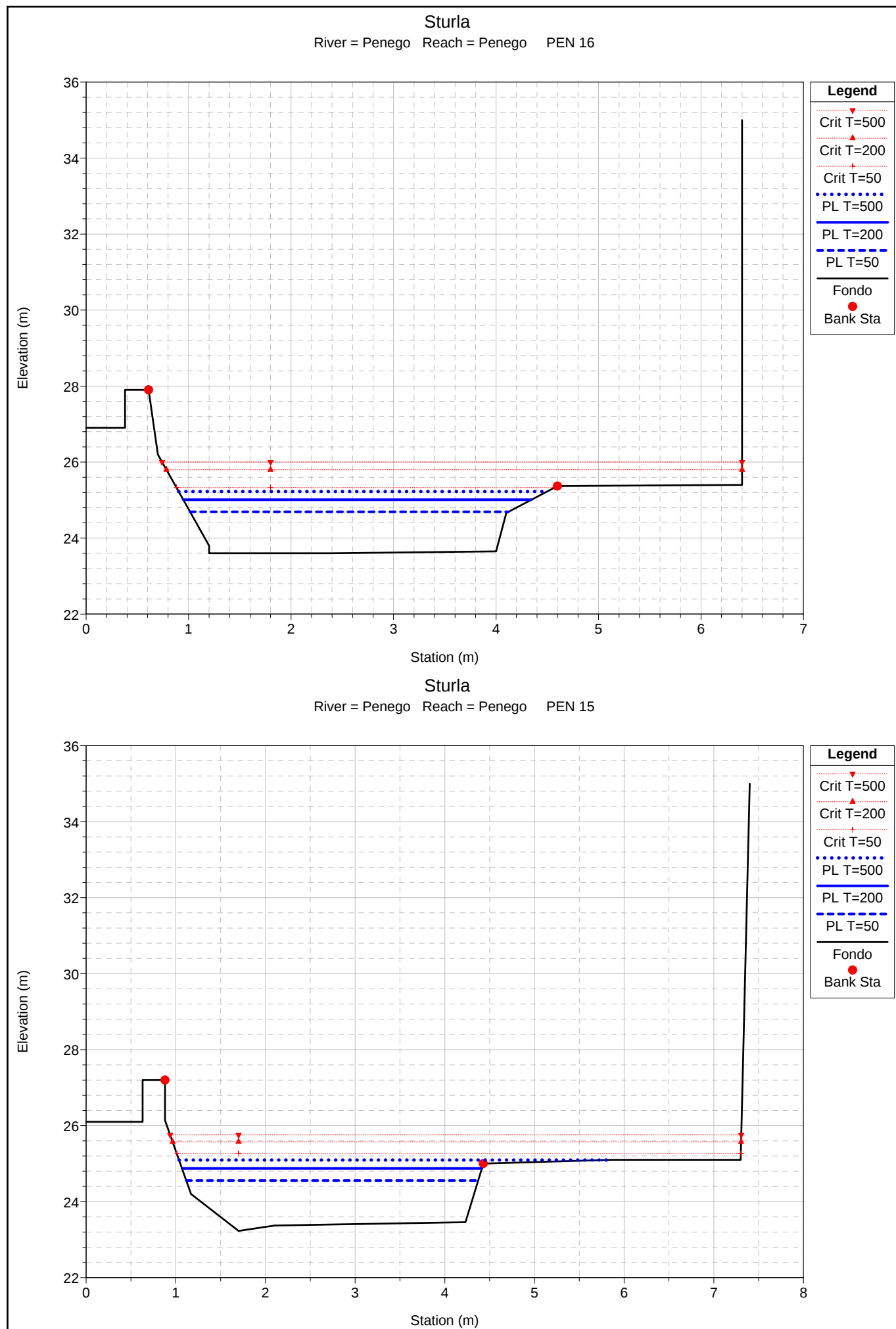


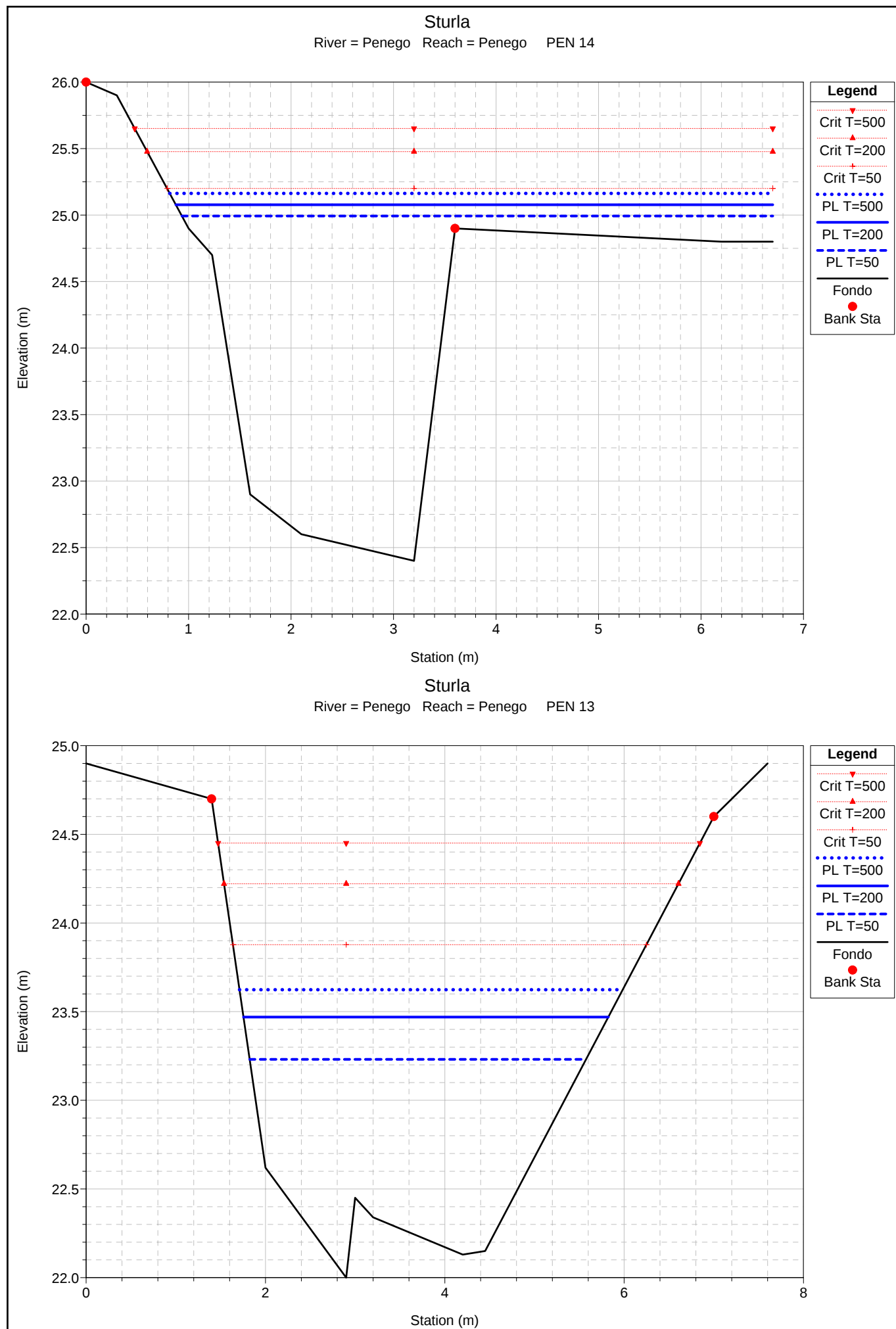


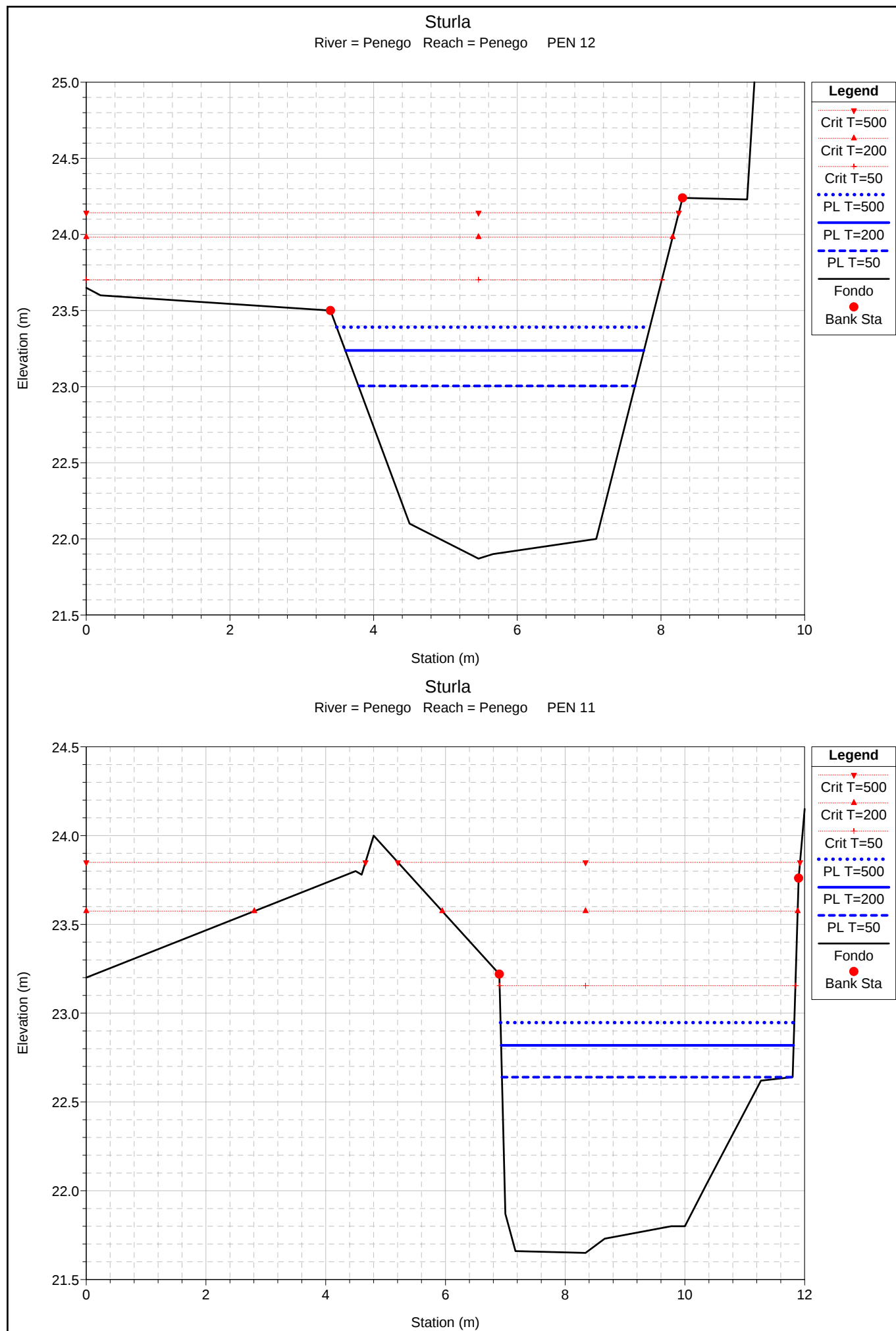


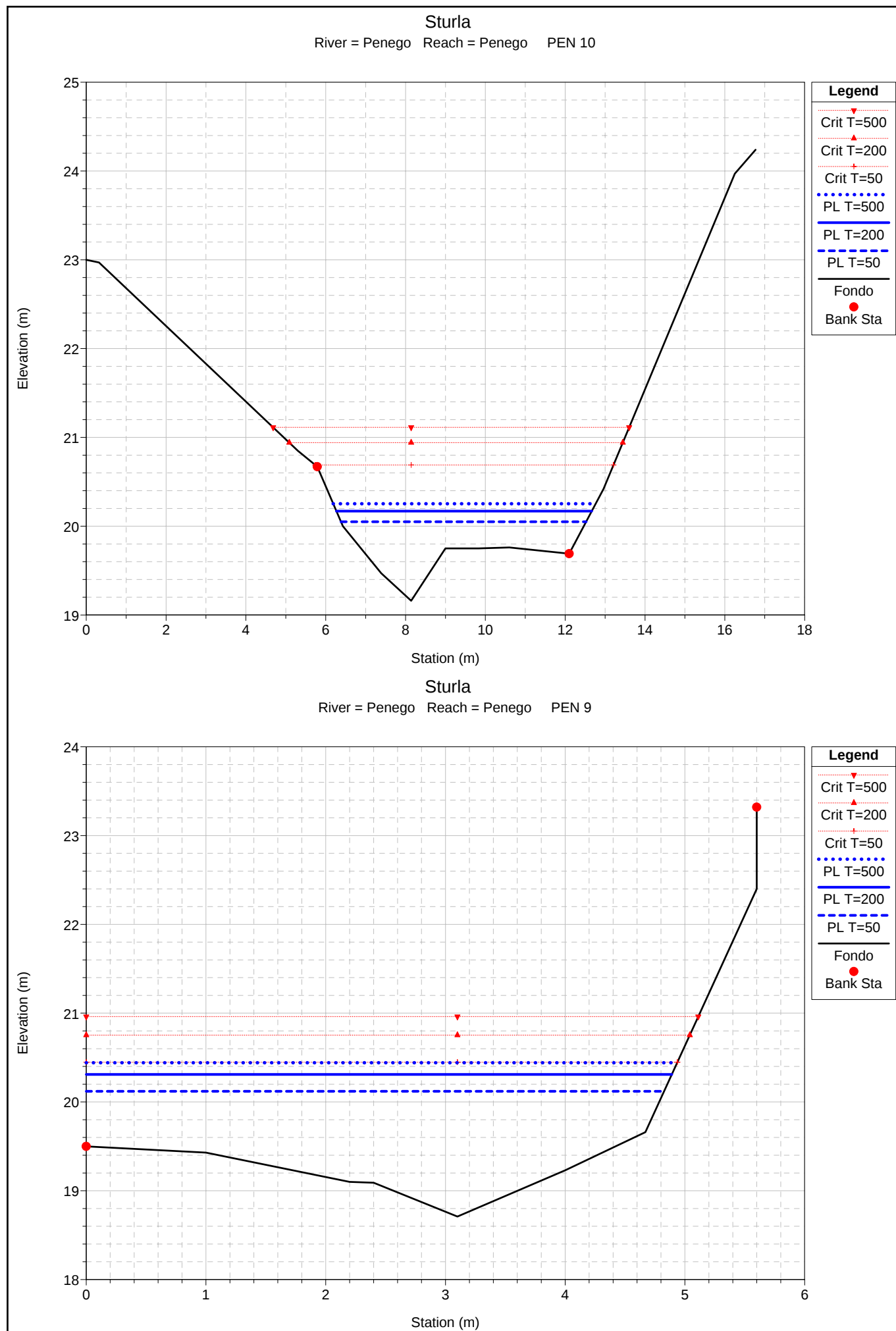


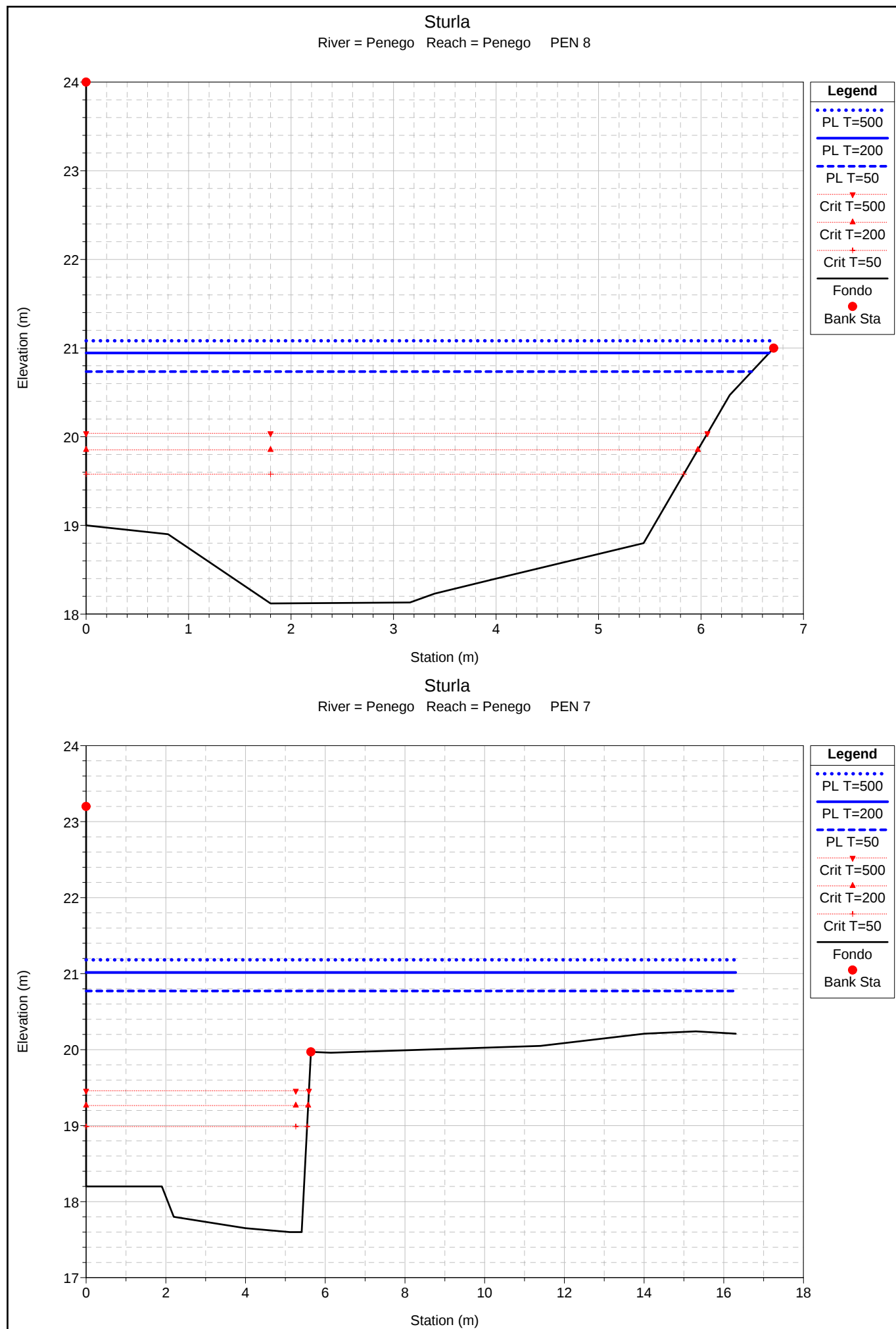


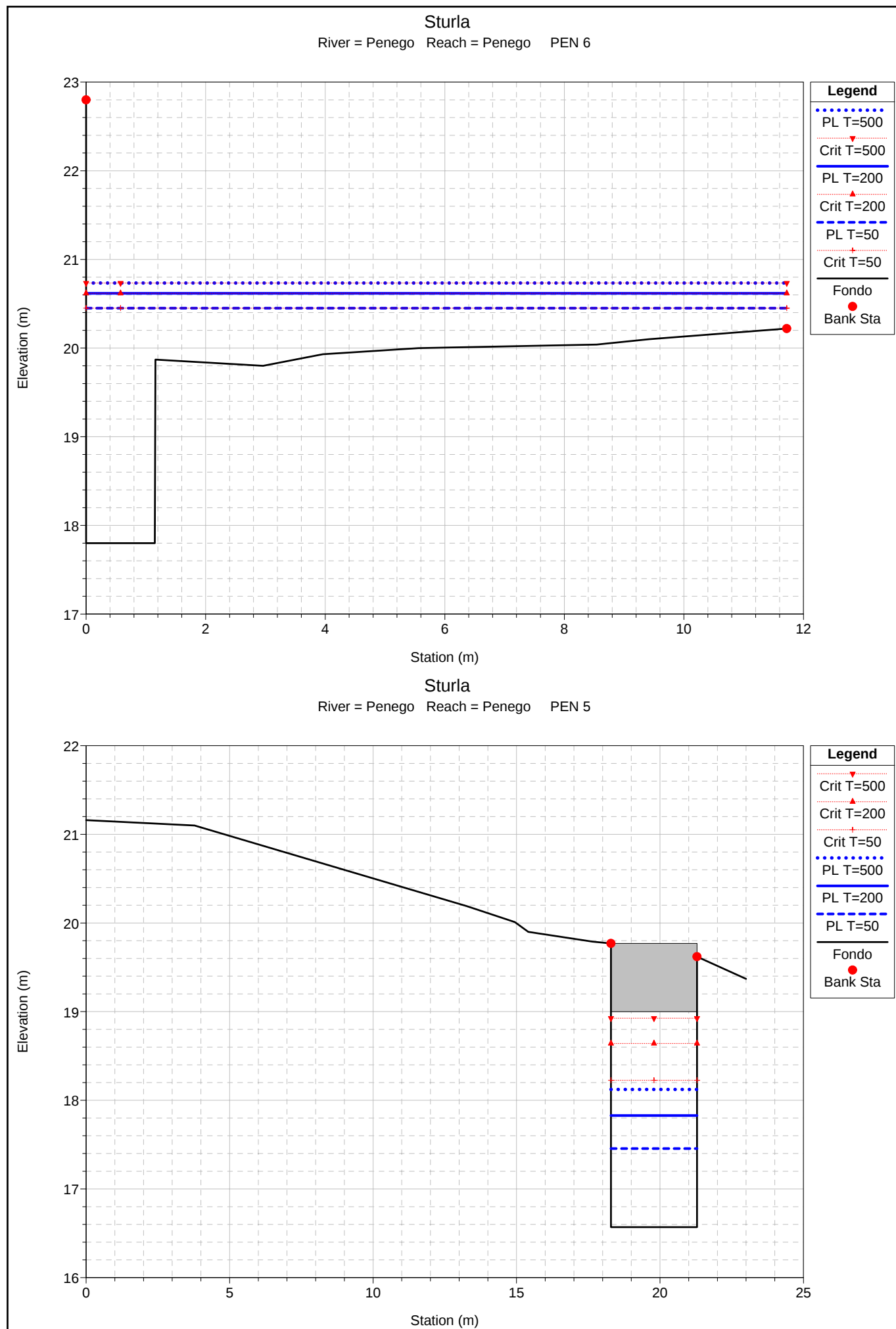


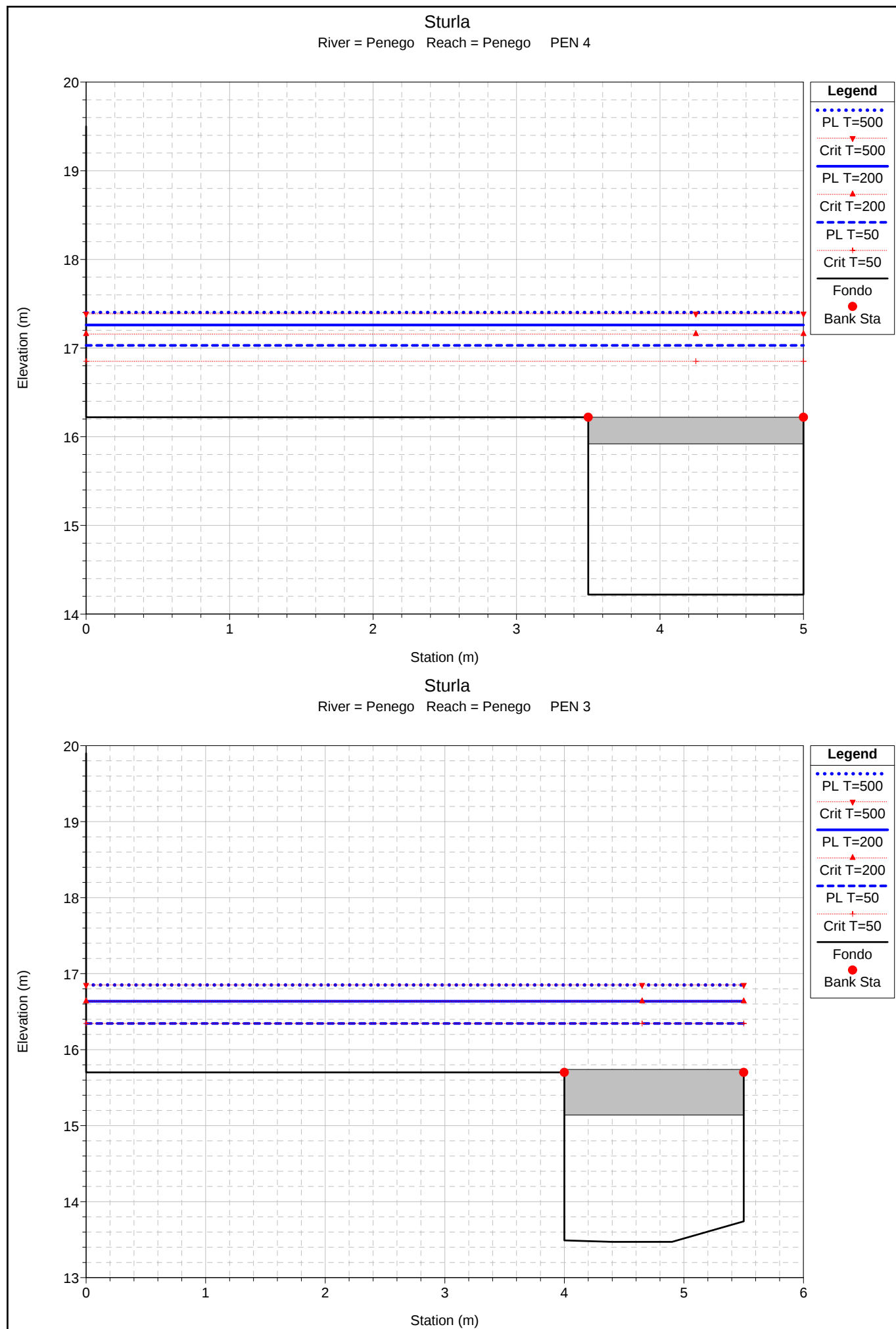


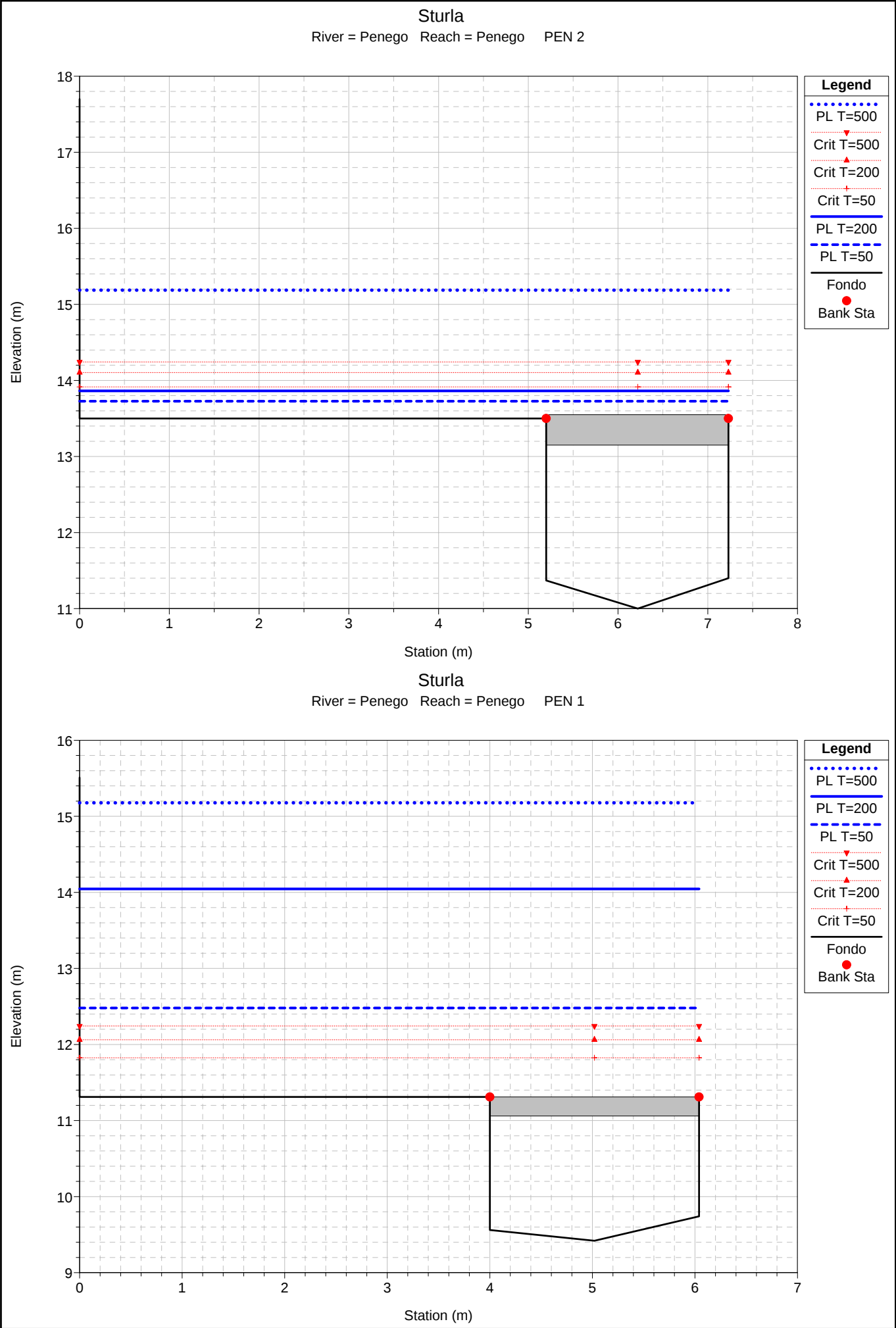












HEC-RAS Plan: affl River: Penego Reach: Penego

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
Penego	250.	PEN 44	T=50	11.80	106.16	106.82	108.62	1.80	106.16	-0.66	106.82	107.05	0.003948	2.10	5.62	12.46	1.00
Penego	250.	PEN 44	T=200	19.34	106.16	107.01	108.62	1.61	106.16	-0.85	107.01	107.30	0.003737	2.39	8.10	14.10	1.00
Penego	250.	PEN 44	T=500	21.12	106.16	107.05	108.62	1.57	106.16	-0.89	107.05	107.35	0.003653	2.43	8.69	14.47	1.00
Penego	240.	PEN 43	T=50	11.80	98.36	98.56	103.46	4.90	98.56	0.00	98.98	105.79	0.887359	11.91	0.99	9.89	12.01
Penego	240.	PEN 43	T=200	19.34	98.36	98.62	103.46	4.84	98.56	-0.06	99.25	106.07	0.500401	12.10	1.60	10.08	9.69
Penego	240.	PEN 43	T=500	21.12	98.36	98.63	103.46	4.83	98.56	-0.07	99.33	106.14	0.452520	12.14	1.74	10.10	9.33
Penego	230.	PEN 42	T=50	11.80	88.55	89.18	97.82	8.64	89.99	0.81	89.73	92.06	0.073611	7.52	1.57	4.60	4.11
Penego	230.	PEN 42	T=200	19.34	88.55	89.30	97.82	8.52	89.99	0.69	89.91	93.37	0.082558	8.94	2.16	5.31	4.47
Penego	230.	PEN 42	T=500	21.12	88.55	89.32	97.82	8.50	89.99	0.67	89.94	93.66	0.084436	9.23	2.29	5.45	4.54
Penego	220.	PEN 41	T=50	11.80	77.25	77.39	80.66	3.27	78.52	1.13	77.61	79.93	0.461366	7.07	1.67	22.40	8.27
Penego	220.	PEN 41	T=200	19.34	77.25	77.42	80.66	3.24	78.52	1.10	77.73	80.79	0.388104	8.13	2.38	22.72	8.02
Penego	220.	PEN 41	T=500	21.12	77.25	77.76	80.66	2.90	78.52	0.76	77.76	77.96	0.003794	2.01	10.51	25.17	0.99
Penego	210.	PEN 40	T=50	11.80	69.02	69.23	70.07	0.84	69.24	0.01	69.41	70.09	0.077223	4.10	2.88	22.92	3.69
Penego	210.	PEN 40	T=200	19.34	69.02	69.27	70.07	0.80	69.24	-0.03	69.52	70.59	0.086468	5.09	3.80	23.75	4.06
Penego	210.	PEN 40	T=500	21.12	69.02	69.18	70.07	0.89	69.24	0.06	69.55	76.45	1.011790	11.94	1.77	19.50	12.66
Penego	200.	PEN 39	T=50	11.80	60.87	61.17	61.09	-0.08	62.01	0.84	61.44	63.37	0.168058	6.57	1.80	12.39	5.51
Penego	200.	PEN 39	T=200	19.34	60.87	61.24	61.09	-0.15	62.01	0.77	61.57	63.89	0.143304	7.21	2.68	14.27	5.31
Penego	200.	PEN 39	T=500	21.12	60.87	61.31	61.09	-0.22	62.01	0.70	61.59	62.77	0.082105	5.35	3.95	21.72	4.00
Penego	190.	PEN 38	T=50	11.80	56.73	57.61	59.86	2.24	59.76	2.15	58.41	60.73	0.051196	7.82	1.51	1.93	2.83
Penego	190.	PEN 38	T=200	19.34	56.73	57.98	59.86	1.88	59.76	1.78	58.78	61.36	0.052713	8.15	2.37	3.19	3.02
Penego	190.	PEN 38	T=500	21.12	56.73	58.11	59.86	1.75	59.76	1.65	58.84	60.92	0.041839	7.43	2.84	3.85	2.76
Penego	180.	PEN 37	T=50	11.80	51.27	51.84	58.14	6.30	60.06	8.22	52.75	58.00	0.146051	11.00	1.07	2.46	5.31
Penego	180.	PEN 37	T=200	19.34	51.27	52.08	58.14	6.06	60.06	7.98	53.17	58.84	0.107136	11.51	1.68	2.56	4.54
Penego	180.	PEN 37	T=500	21.12	51.27	52.15	58.14	5.99	60.06	7.91	53.26	58.72	0.096434	11.36	1.86	2.62	4.30
Penego	170.	PEN 36	T=50	11.80	47.18	47.95	49.80	1.85	55.64	7.69	49.28	54.96	0.150045	11.73	1.01	1.50	4.58
Penego	170.	PEN 36	T=200	19.34	47.18	48.29	49.80	1.51	55.64	7.35	49.69	56.34	0.132265	12.57	1.54	1.64	4.14
Penego	170.	PEN 36	T=500	21.12	47.18	48.38	49.80	1.42	55.64	7.26	49.77	56.39	0.125064	12.54	1.68	1.68	3.99
Penego	160.	PEN 35	T=50	11.80	43.34	43.75	46.21	2.46	54.63	10.88	44.54	51.46	1.443604	12.30	0.96	3.24	7.22
Penego	160.	PEN 35	T=200	19.34	43.34	43.89	46.21	2.32	54.63	10.74	44.93	53.24	1.170140	13.55	1.43	3.43	6.71
Penego	160.	PEN 35	T=500	21.12	43.34	43.92	46.21	2.29	54.63	10.71	45.01	53.44	1.102994	13.67	1.55	3.48	6.55
Penego	150.	PEN 34	T=50	11.80	42.30	43.03	46.18	3.15	50.68	7.65	43.63	45.43	0.212432	6.85	1.72	3.15	2.96
Penego	150.	PEN 34	T=200	19.34	42.30	43.21	46.18	2.97	50.68	7.47	44.01	46.79	0.253486	8.38	2.31	3.49	3.29
Penego	150.	PEN 34	T=500	21.12	42.30	43.25	46.18	2.93	50.68	7.43	44.09	47.04	0.257302	8.63	2.45	3.57	3.33
Penego	140.	PEN 33	T=50	18.10	40.77	41.82	48.41	6.59	49.94	8.12	42.40	43.81	0.122481	6.25	2.90	3.95	2.33
Penego	140.	PEN 33	T=200	28.23	40.77	42.04	48.41	6.37	49.94	7.90	42.82	44.81	0.138824	7.37	3.83	4.41	2.52
Penego	140.	PEN 33	T=500	33.54	40.77	42.17	48.41	6.24	49.94	7.77	43.00	45.11	0.133427	7.60	4.42	4.68	2.50
Penego	130.	PEN 32	T=50	18.10	38.73	40.22	42.59	2.37	51.83	11.61	40.55	41.10	0.055422	4.15	4.36	5.93	1.54
Penego	130.	PEN 32	T=200	28.23	38.73	40.48	42.59	2.11	51.83	11.35	40.83	41.50	0.066335	4.49	6.29	9.20	1.73
Penego	130.	PEN 32	T=500	33.54	38.73	40.56	42.59	2.03	51.83	11.27	40.93	41.70	0.071900	4.74	7.08	10.23	1.82
Penego	120.	PEN 31	T=50	18.10	37.88	39.88	41.47	1.59	53.13	13.25	39.88	40.33	0.023207	2.98	6.08	6.77	1.00

HEC-RAS Plan: affl River: Penego Reach: Penego (Continued)

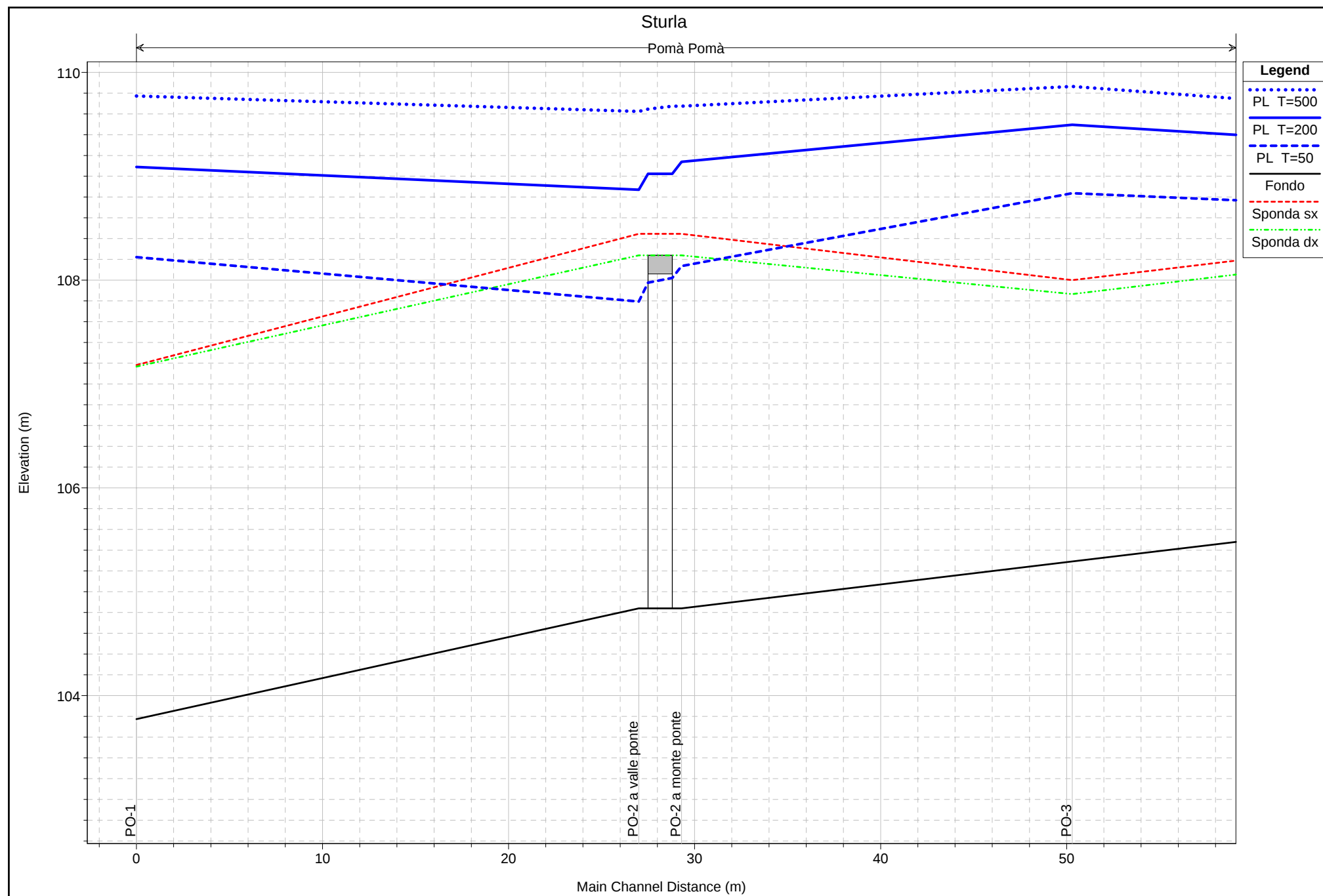
Reach	River Sta		Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	LOB Elev (m)	L. Freeboard (m)	ROB Elev (m)	R. Freeboard (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Penego	120.	PEN 31	T=200	28.23	37.88	40.27	41.47	1.20	53.13	12.86	40.27	40.73	0.021218	3.01	9.39	10.25	1.00
Penego	120.	PEN 31	T=500	33.54	37.88	40.41	41.47	1.06	53.13	12.72	40.41	40.89	0.020421	3.05	10.99	11.57	1.00
Penego	110.	PEN 30	T=50	18.10	36.87	38.35	42.79	4.44	48.86	10.51	38.71	39.56	0.057832	4.88	3.71	3.33	1.47
Penego	110.	PEN 30	T=200	28.23	36.87	38.98	42.79	3.81	48.86	9.88	39.41	40.09	0.041792	4.65	6.07	4.52	1.28
Penego	110.	PEN 30	T=500	33.54	36.87	39.23	42.79	3.56	48.86	9.63	39.59	40.25	0.044819	4.47	7.50	6.99	1.38
Penego	100.	PEN 29	T=50	18.10	35.98	37.36	42.74	5.38	46.54	9.18	37.71	38.44	0.050507	4.59	3.95	4.05	1.48
Penego	100.	PEN 29	T=200	28.23	35.98	37.68	42.74	5.06	46.54	8.86	38.30	39.07	0.058837	5.23	5.39	5.15	1.63
Penego	100.	PEN 29	T=500	33.54	35.98	37.88	42.74	4.86	46.54	8.66	38.40	39.23	0.054590	5.14	6.52	6.07	1.58
Penego	90.	PEN 28	T=50	18.10	33.72	34.86	42.07	7.21	43.63	8.77	35.56	36.84	0.124677	6.22	2.91	3.94	2.31
Penego	90.	PEN 28	T=200	28.23	33.72	35.18	42.07	6.89	43.63	8.45	35.80	37.42	0.109855	6.64	4.25	4.70	2.23
Penego	90.	PEN 28	T=500	33.54	33.72	35.33	42.07	6.74	43.63	8.30	35.91	37.54	0.129169	6.59	5.09	6.66	2.41
Penego	80.	PEN 27	T=50	18.10	32.93	35.19	43.74	8.55	48.68	13.49	34.92	35.41	0.010974	2.06	8.79	9.87	0.70
Penego	80.	PEN 27	T=200	28.23	32.93	35.58	43.74	8.16	48.68	13.10	35.24	35.83	0.008699	2.24	12.61	9.94	0.63
Penego	80.	PEN 27	T=500	33.54	32.93	35.74	43.74	8.00	48.68	12.94	35.36	36.02	0.008864	2.36	14.24	10.28	0.64
Penego	70.	PEN 26	T=50	18.10	32.35	34.41	38.20	3.79	46.07	11.66	34.41	35.04	0.026723	3.52	5.15	4.09	1.00
Penego	70.	PEN 26	T=200	28.23	32.35	34.99	38.20	3.21	46.07	11.08	34.99	35.54	0.022737	3.28	8.62	7.87	1.00
Penego	70.	PEN 26	T=500	33.54	32.35	35.17	38.20	3.03	46.07	10.90	35.17	35.73	0.021885	3.32	10.12	9.02	1.00
Penego	60.	PEN 25	T=50	18.10	30.49	31.75	35.18	3.43	41.33	9.58	32.42	33.67	0.121907	6.14	2.95	3.80	2.22
Penego	60.	PEN 25	T=200	28.23	30.49	32.08	35.18	3.10	41.33	9.25	32.73	34.30	0.108840	6.61	4.27	4.43	2.15
Penego	60.	PEN 25	T=500	33.54	30.49	32.25	35.18	2.93	41.33	9.08	32.87	34.44	0.141191	6.56	5.11	7.06	2.46
Penego	50.	PEN 24	T=50	18.10	28.62	29.64	37.97	8.33	36.82	7.18	30.22	31.73	0.134787	6.42	2.82	4.15	2.49
Penego	50.	PEN 24	T=200	28.23	28.62	29.89	37.97	8.08	36.82	6.93	30.63	32.47	0.131046	7.12	3.96	4.83	2.51
Penego	50.	PEN 24	T=500	33.54	28.62	30.06	37.97	7.91	36.82	6.77	30.81	32.55	0.109784	7.00	4.79	5.17	2.32
Penego	40.	PEN 23	T=50	18.10	27.53	28.48	41.27	12.79	37.27	8.79	28.84	29.65	0.064507	4.81	3.76	4.50	1.68
Penego	40.	PEN 23	T=200	28.23	27.53	28.75	41.27	12.52	37.27	8.52	29.25	30.34	0.067611	5.59	5.05	4.77	1.73
Penego	40.	PEN 23	T=500	33.54	27.53	28.89	41.27	12.38	37.27	8.38	29.44	30.64	0.066790	5.85	5.74	4.91	1.73
Penego	22	PEN 22	T=50	20.00	26.64	27.74	30.00	2.26	30.87	3.13	28.19	29.18	0.050051	5.32	3.76	4.10	1.77
Penego	22	PEN 22	T=200	28.00	26.64	27.94	30.00	2.06	30.87	2.93	28.53	29.82	0.055985	6.08	4.60	4.32	1.88
Penego	22	PEN 22	T=500	34.00	26.64	28.12	30.00	1.88	30.87	2.75	28.76	30.13	0.053009	6.29	5.41	4.53	1.84
Penego	21	PEN 21	T=50	20.00	26.61	28.30	29.98	1.68	30.37	2.07	28.30	28.96	0.016883	3.60	5.56	4.22	1.00
Penego	21	PEN 21	T=200	28.00	26.61	28.54	29.98	1.44	30.37	1.83	28.67	29.46	0.021008	4.25	6.59	4.48	1.12
Penego	21	PEN 21	T=500	34.00	26.61	28.79	29.98	1.19	30.37	1.58	28.91	29.77	0.020166	4.39	7.74	4.76	1.10
Penego	20	PEN 20	T=50	20.00	25.75	26.67	28.86	2.19	27.61	0.94	27.19	28.40	0.067603	5.83	3.43	4.30	2.09
Penego	20	PEN 20	T=200	28.00	25.75	26.92	28.86	1.94	27.61	0.69	27.52	28.86	0.059637	6.17	4.54	4.58	1.98
Penego	20	PEN 20	T=500	34.00	25.75	27.08	28.86	1.78	27.61	0.53	27.86	29.18	0.056907	6.42	5.30	4.75	1.94
Penego	19	PEN 19	T=50	20.00	25.29	26.37	27.61	1.24	26.47	0.10	26.95	28.02	0.062039	5.68	3.52	4.37	2.02
Penego	19	PEN 19	T=200	28.00	25.29	26.60	27.61	1.01	26.47	-0.13	27.23	28.54	0.057352	6.18	4.62	6.15	1.97
Penego	19	PEN 19	T=500	34.00	25.29	26.72	27.61	0.89	26.47	-0.25	27.46	28.86	0.057785	6.56	5.48	7.56	2.00
Penego	18	PEN 18	T=50	20.00	25.51	26.48	29.32	2.84	26.20	-0.28	26.77	27.51	0.055834	4.76	4.70	10.22	1.89
Penego	18	PEN 18	T=200	28.00	25.51	26.55	29.32	2.77	26.20	-0.35	26.95	28.05	0.072777	5.77	5.40	10.22	2.17

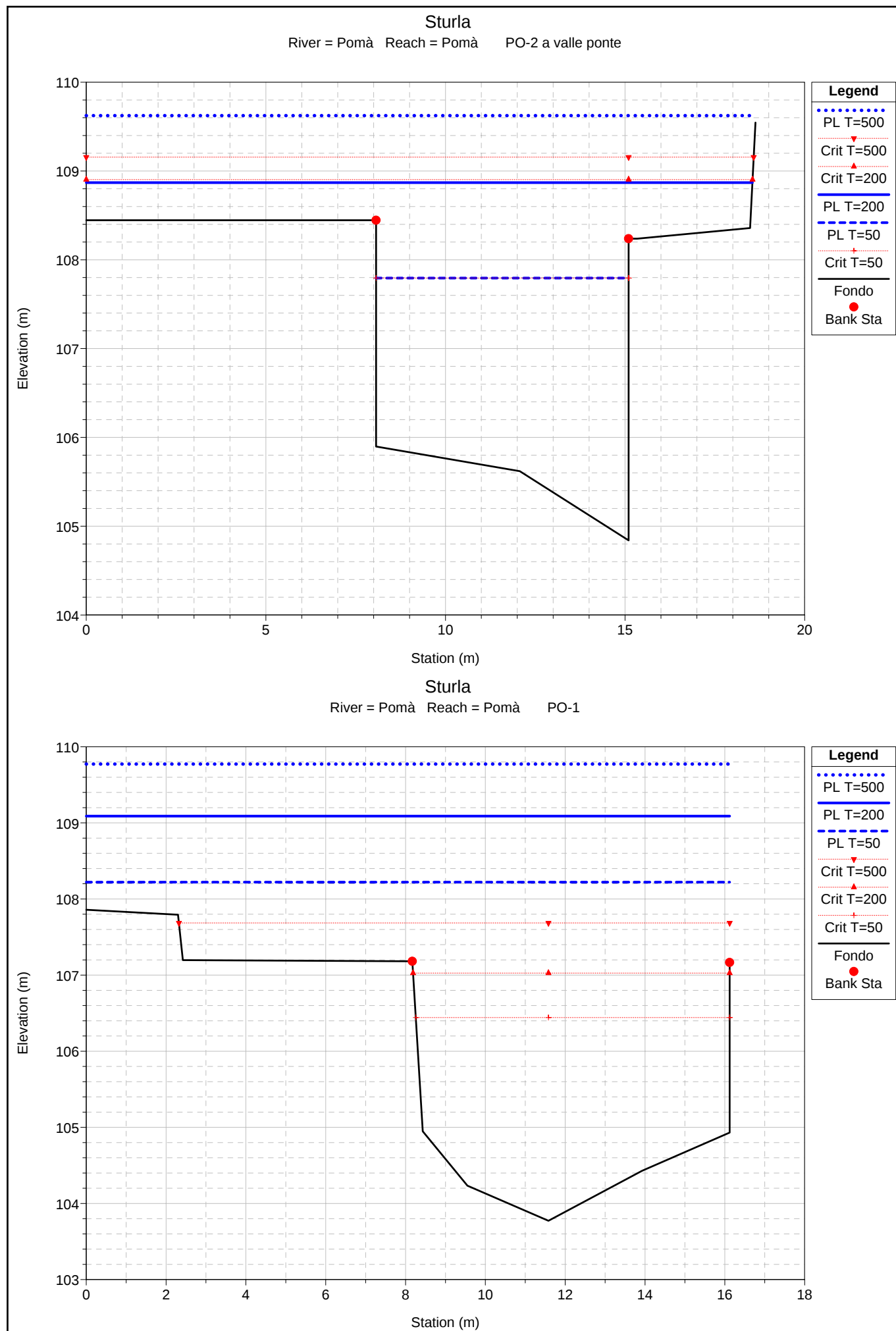
HEC-RAS Plan: affl River: Penego Reach: Penego (Continued)

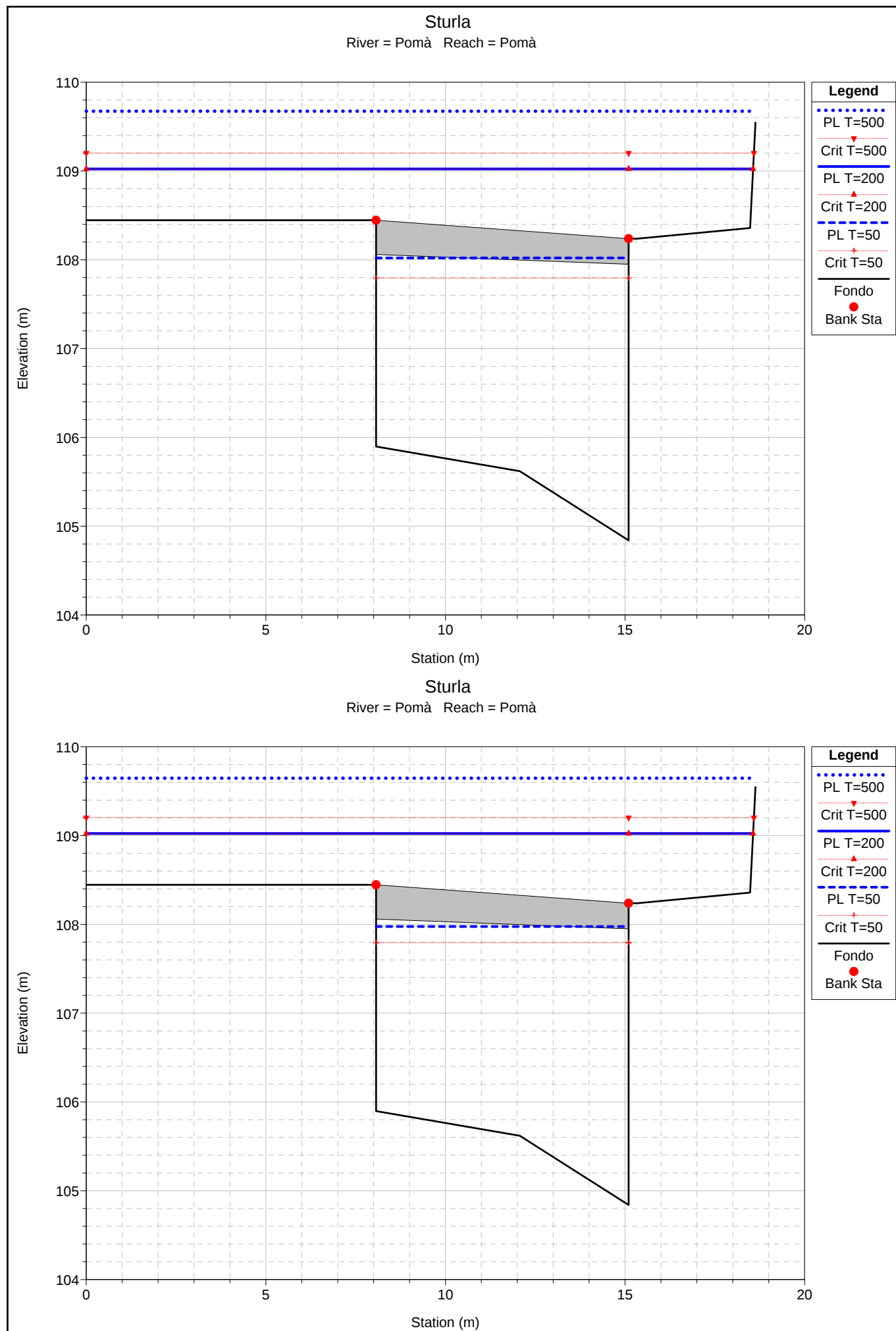
Reach	River Sta		Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	LOB Elev (m)	L. Freeboard (m)	ROB Elev (m)	R. Freeboard (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Penego	18	PEN 18	T=500	34.00	25.51	26.60	29.32	2.72	26.20	-0.40	27.08	28.38	0.079127	6.29	5.98	10.22	2.28
Penego	17	PEN 17	T=50	20.00	24.12	25.64	28.61	2.97	25.60	-0.04	26.11	27.16	0.055186	5.47	3.68	4.24	1.65
Penego	17	PEN 17	T=200	28.00	24.12	25.89	28.61	2.72	25.60	-0.29	26.42	27.68	0.053997	6.02	4.88	4.74	1.64
Penego	17	PEN 17	T=500	34.00	24.12	26.05	28.61	2.56	25.60	-0.45	26.64	28.01	0.053663	6.34	5.66	4.74	1.63
Penego	16	PEN 16	T=50	20.00	23.60	24.69	27.90	3.21	25.37	0.68	25.33	26.74	0.080425	6.35	3.15	3.11	2.01
Penego	16	PEN 16	T=200	28.00	23.60	25.01	27.90	2.89	25.37	0.36	25.80	27.29	0.073051	6.69	4.19	3.40	1.92
Penego	16	PEN 16	T=500	34.00	23.60	25.23	27.90	2.67	25.37	0.14	26.00	27.63	0.069092	6.88	4.94	3.60	1.87
Penego	15	PEN 15	T=50	20.00	23.23	24.56	27.20	2.64	25.00	0.44	25.26	26.25	0.061155	5.77	3.47	3.26	1.79
Penego	15	PEN 15	T=200	28.00	23.23	24.87	27.20	2.33	25.00	0.13	25.58	26.84	0.058167	6.21	4.51	3.34	1.71
Penego	15	PEN 15	T=500	34.00	23.23	25.10	27.20	2.10	25.00	-0.10	25.76	27.21	0.055360	6.45	5.33	4.77	1.65
Penego	14	PEN 14	T=50	20.00	22.40	24.99	26.00	1.01	24.90	-0.09	25.20	25.77	0.024957	3.96	5.36	5.77	0.93
Penego	14	PEN 14	T=200	28.00	22.40	25.08	26.00	0.92	24.90	-0.18	25.48	26.37	0.040590	5.16	5.85	5.82	1.20
Penego	14	PEN 14	T=500	34.00	22.40	25.16	26.00	0.84	24.90	-0.26	25.65	26.77	0.049498	5.81	6.35	5.88	1.34
Penego	13	PEN 13	T=50	20.00	22.00	23.23	24.70	1.47	24.60	1.37	23.88	25.46	0.099087	6.61	3.03	3.75	2.35
Penego	13	PEN 13	T=200	28.00	22.00	23.47	24.70	1.23	24.60	1.13	24.22	26.02	0.091502	7.07	3.96	4.07	2.29
Penego	13	PEN 13	T=500	34.00	22.00	23.62	24.70	1.08	24.60	0.98	24.45	26.40	0.088855	7.39	4.60	4.27	2.27
Penego	12	PEN 12	T=50	20.00	21.87	23.00	23.50	0.50	24.24	1.24	23.70	24.86	0.067229	6.03	3.31	3.85	2.08
Penego	12	PEN 12	T=200	28.00	21.87	23.24	23.50	0.26	24.24	1.00	23.98	25.45	0.066559	6.59	4.25	4.16	2.08
Penego	12	PEN 12	T=500	34.00	21.87	23.39	23.50	0.11	24.24	0.85	24.14	25.85	0.066527	6.94	4.90	4.36	2.09
Penego	11	PEN 11	T=50	20.00	21.65	22.64	23.22	0.58	23.76	1.12	23.15	24.47	0.083828	5.99	3.34	4.85	2.30
Penego	11	PEN 11	T=200	28.00	21.65	22.82	23.22	0.40	23.76	0.94	23.57	25.07	0.082069	6.65	4.21	4.89	2.29
Penego	11	PEN 11	T=500	34.00	21.65	22.95	23.22	0.27	23.76	0.81	23.85	25.46	0.080412	7.03	4.84	4.91	2.26
Penego	10	PEN 10	T=50	20.00	19.16	20.05	20.67	0.62	19.69	-0.36	20.69	23.63	0.280295	8.43	2.41	6.14	4.21
Penego	10	PEN 10	T=200	28.00	19.16	20.17	20.67	0.50	19.69	-0.48	20.94	24.27	0.236484	9.05	3.16	6.40	4.01
Penego	10	PEN 10	T=500	34.00	19.16	20.25	20.67	0.42	19.69	-0.56	21.11	24.68	0.215266	9.42	3.70	6.57	3.90
Penego	9	PEN 9	T=50	20.00	18.71	20.12	19.50	-0.62	23.32	3.20	20.45	21.24	0.039415	4.69	4.26	4.83	1.59
Penego	9	PEN 9	T=200	28.00	18.71	20.31	19.50	-0.81	23.32	3.01	20.75	21.80	0.043602	5.40	5.18	4.89	1.67
Penego	9	PEN 9	T=500	34.00	18.71	20.44	19.50	-0.94	23.32	2.88	20.96	22.17	0.045860	5.83	5.83	4.94	1.71
Penego	8	PEN 8	T=50	20.00	18.12	20.73	24.00	3.27	21.00	0.27	19.58	20.85	0.001633	1.50	13.29	6.49	0.34
Penego	8	PEN 8	T=200	28.00	18.12	20.94	24.00	3.06	21.00	0.06	19.85	21.13	0.002454	1.91	14.67	6.66	0.41
Penego	8	PEN 8	T=500	34.00	18.12	21.08	24.00	2.92	21.00	-0.08	20.04	21.32	0.003064	2.18	15.60	6.71	0.46
Penego	7	PEN 7	T=50	20.00	17.60	20.77	23.20	2.43	19.97	-0.80	18.99	20.81	0.000603	0.98	23.47	16.30	0.19
Penego	7	PEN 7	T=200	28.00	17.60	21.02	23.20	2.18	19.97	-1.05	19.27	21.07	0.000778	1.16	27.43	16.30	0.21
Penego	7	PEN 7	T=500	34.00	17.60	21.18	23.20	2.02	19.97	-1.21	19.46	21.25	0.000881	1.27	30.15	16.30	0.22
Penego	6	PEN 6	T=50	20.00	17.80	20.45	22.80	2.35	20.22	-0.23	20.45	20.78	0.019629	2.56	7.81	11.72	1.00
Penego	6	PEN 6	T=200	28.00	17.80	20.62	22.80	2.18	20.22	-0.40	20.62	21.04	0.018710	2.86	9.77	11.72	1.00
Penego	6	PEN 6	T=500	34.00	17.80	20.73	22.80	2.07	20.22	-0.51	20.73	21.21	0.018186	3.05	11.14	11.72	1.00
Penego	5	PEN 5	T=50	20.00	16.57	17.46	19.00	1.54	19.00	1.54	18.23	20.34	0.077224	7.52	2.66	3.00	2.55
Penego	5	PEN 5	T=200	28.00	16.57	17.83	19.00	1.17	19.00	1.17	18.64	20.63	0.057090	7.42	3.77	3.00	2.11
Penego	5	PEN 5	T=500	34.00	16.57	18.12	19.00	0.88	19.00	0.88	18.93	20.84	0.047752	7.30	4.66	3.00	1.87

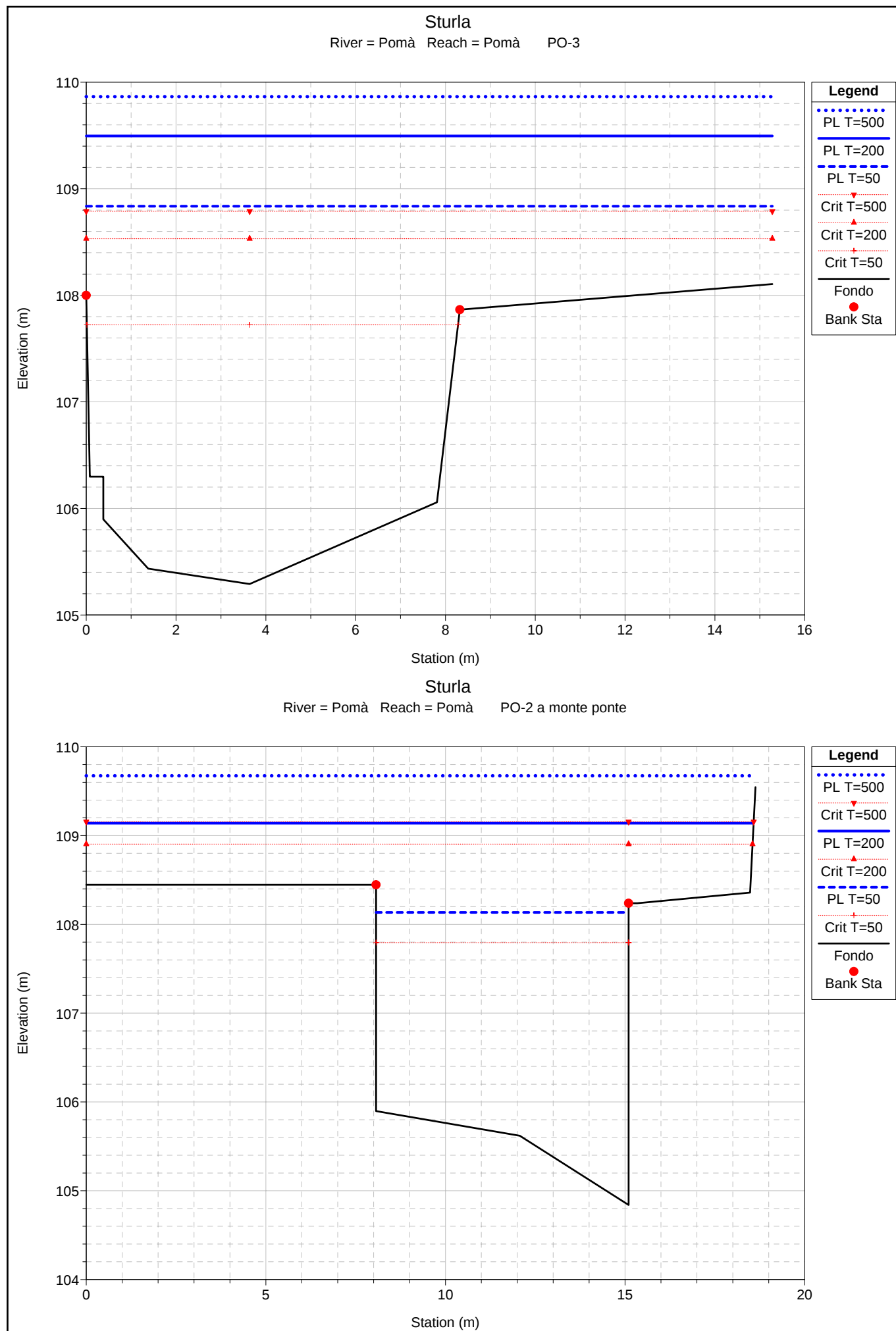
HEC-RAS Plan: affl River: Penego Reach: Penego (Continued)

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
Penego	4 PEN 4	T=50	20.00	14.22	17.03	15.92	-1.11	15.92	-1.11	16.85	17.53	0.013521	2.66	6.60	5.00	0.58
Penego	4 PEN 4	T=200	28.00	14.22	17.26	15.92	-1.34	15.92	-1.34	17.16	17.99	0.015657	2.98	7.75	5.00	0.66
Penego	4 PEN 4	T=500	34.00	14.22	17.40	15.92	-1.48	15.92	-1.48	17.39	18.33	0.017401	3.22	8.46	5.00	0.72
Penego	3 PEN 3	T=50	20.00	13.47	16.34	15.14	-1.20	15.14	-1.20	16.34	16.95	0.019839	3.08	5.90	5.50	0.64
Penego	3 PEN 3	T=200	28.00	13.47	16.64	15.14	-1.50	15.14	-1.50	16.64	17.41	0.017550	3.08	7.51	5.50	0.68
Penego	3 PEN 3	T=500	34.00	13.47	16.85	15.14	-1.71	15.14	-1.71	16.85	17.73	0.016000	3.05	8.69	5.50	0.68
Penego	2 PEN 2	T=50	20.00	11.00	13.73	13.15	-0.58	13.15	-0.58	13.91	14.45	0.029385	3.94	5.51	7.23	0.73
Penego	2 PEN 2	T=200	28.00	11.00	13.86	13.15	-0.71	13.15	-0.71	14.10	14.83	0.036880	4.56	6.49	7.23	0.84
Penego	2 PEN 2	T=500	34.00	11.00	15.19	13.15	-2.04	13.15	-2.04	14.24	15.45	0.002937	1.61	16.07	7.23	0.34
Penego	1 PEN 1	T=50	20.00	9.42	12.48	11.06	-1.42	11.06	-1.42	11.83	12.69	0.003881	1.65	10.18	6.04	0.51
Penego	1 PEN 1	T=200	28.00	9.42	14.05	11.06	-2.99	11.06	-2.99	12.06	14.17	0.000991	1.03	19.63	6.04	0.22
Penego	1 PEN 1	T=500	34.00	9.42	15.18	11.06	-4.12	11.06	-4.12	12.24	15.28	0.000618	0.90	26.47	6.04	0.15









HEC-RAS Plan: affl River: Pomà Reach: Pomà

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
Pomà	4	T=50	75.00	106.36	108.45	109.07	0.62	108.93	0.48	108.79	109.91	0.022016	5.36	14.00	8.15	1.30
Pomà	4	T=200	108.00	106.36	108.94	109.07	0.13	108.93	-0.01	109.60	110.77	0.022015	5.98	18.05	8.58	1.30
Pomà	4	T=500	130.00	106.36	109.21	109.07	-0.14	108.93	-0.27	109.86	111.25	0.022007	6.36	21.28	15.28	1.30
Pomà	3	T=50	75.00	105.29	108.84	108.00	-0.84	107.87	-0.97	107.72	109.15	0.002773	2.57	31.98	15.28	0.46
Pomà	3	T=200	108.00	105.29	109.50	108.00	-1.50	107.87	-1.63	108.53	109.86	0.002738	2.81	42.05	15.28	0.46
Pomà	3	T=500	130.00	105.29	109.86	108.00	-1.86	107.87	-2.00	108.79	110.26	0.002793	2.96	47.69	15.28	0.46
Pomà	2.5	T=50	75.00	104.84	108.14	108.45	0.31	108.24	0.10	107.79	108.99	0.011187	4.10	18.31	7.03	0.81
Pomà	2.5	T=200	108.00	104.84	109.14	108.45	-0.69	108.24	-0.90	108.90	109.75	0.006039	3.66	33.86	18.58	0.62
Pomà	2.5	T=500	130.00	104.84	109.67	108.45	-1.23	108.24	-1.44	109.16	110.18	0.004380	3.42	43.81	18.63	0.54
Pomà	2.2	Bridge														
Pomà	2	T=50	75.00	104.84	107.79	108.45	0.65	108.24	0.44	107.79	108.93	0.016587	4.71	15.91	7.03	1.00
Pomà	2	T=200	108.00	104.84	108.87	108.45	-0.42	108.24	-0.63	108.90	109.71	0.008908	4.22	28.86	18.54	0.74
Pomà	2	T=500	130.00	104.84	109.62	108.45	-1.18	108.24	-1.39	109.16	110.16	0.004653	3.50	42.87	18.63	0.55
Pomà	1	T=50	75.00	103.77	108.22	107.18	-1.04	107.17	-1.05	106.44	108.45	0.001800	2.20	37.56	16.12	0.36
Pomà	1	T=200	108.00	103.77	109.09	107.18	-1.91	107.17	-1.92	107.03	109.33	0.001624	2.30	51.55	16.12	0.34
Pomà	1	T=500	130.00	103.77	109.77	107.18	-2.59	107.17	-2.61	107.69	110.00	0.001379	2.25	62.56	16.12	0.31