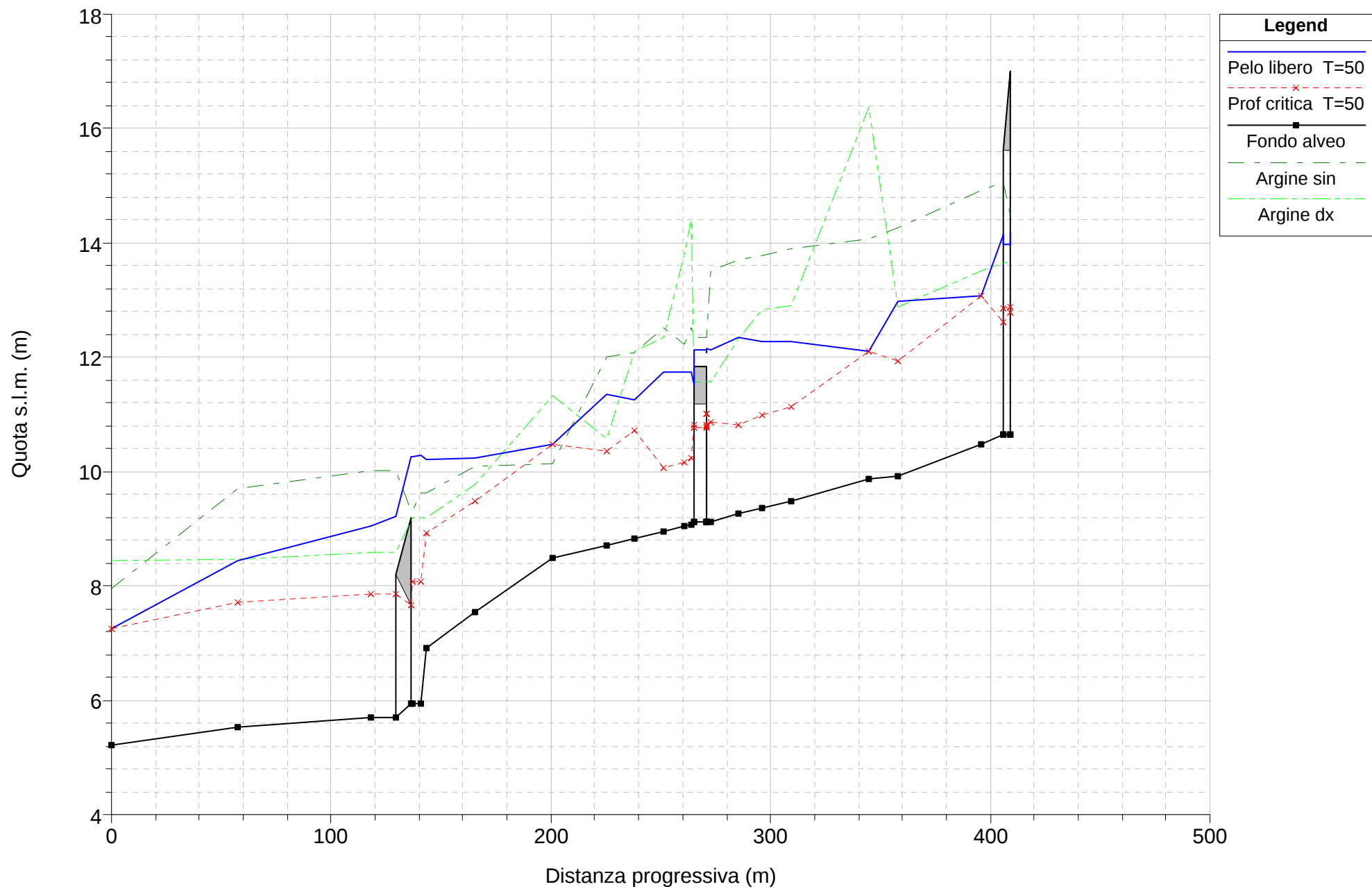


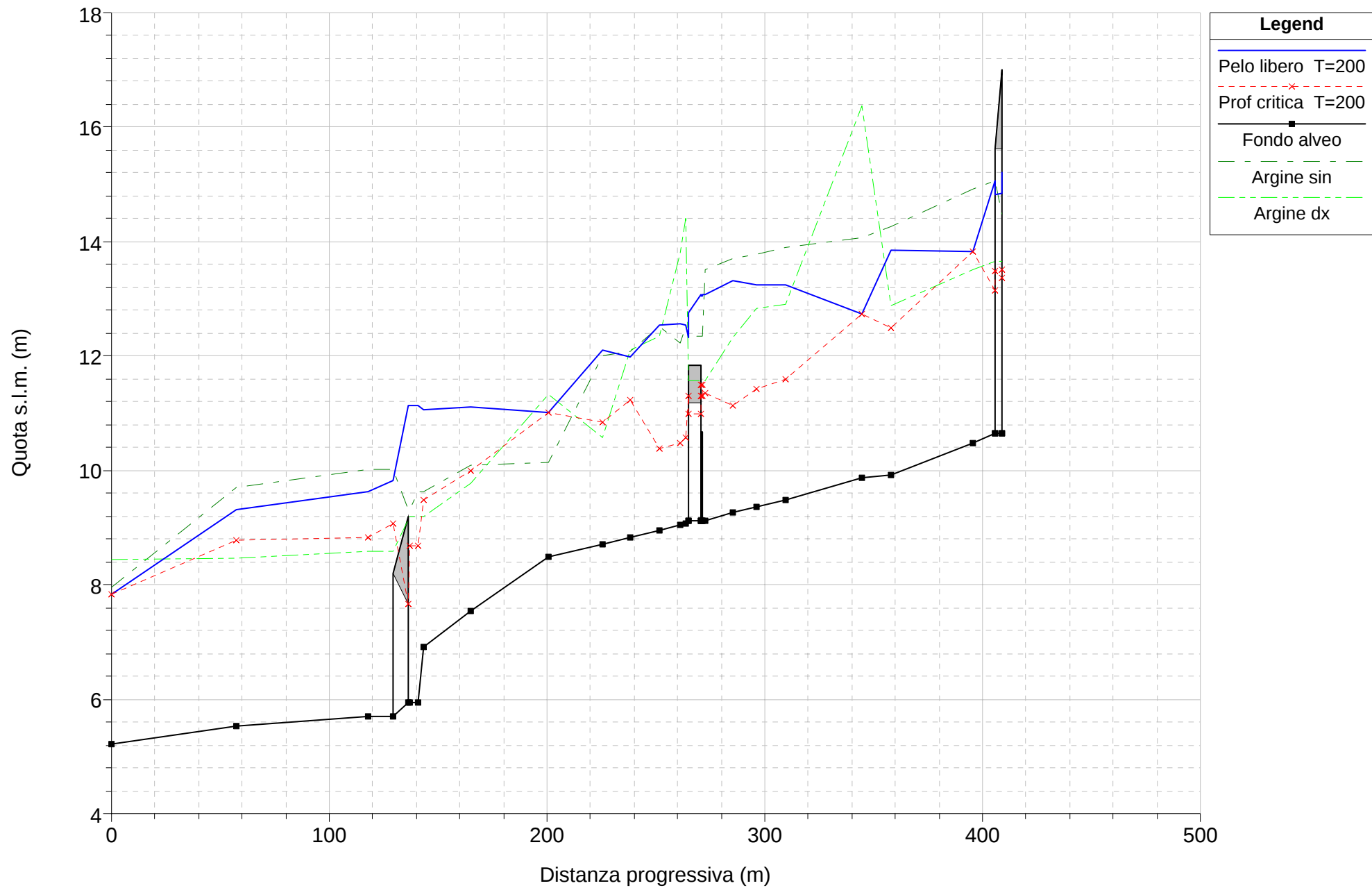
**PROFILI DI RIGURGITO IN CONDIZIONI DI MOTO
PERMANENTE PER LE PORTATE T=50, 200, 500 ANNI**

RIO CANIN

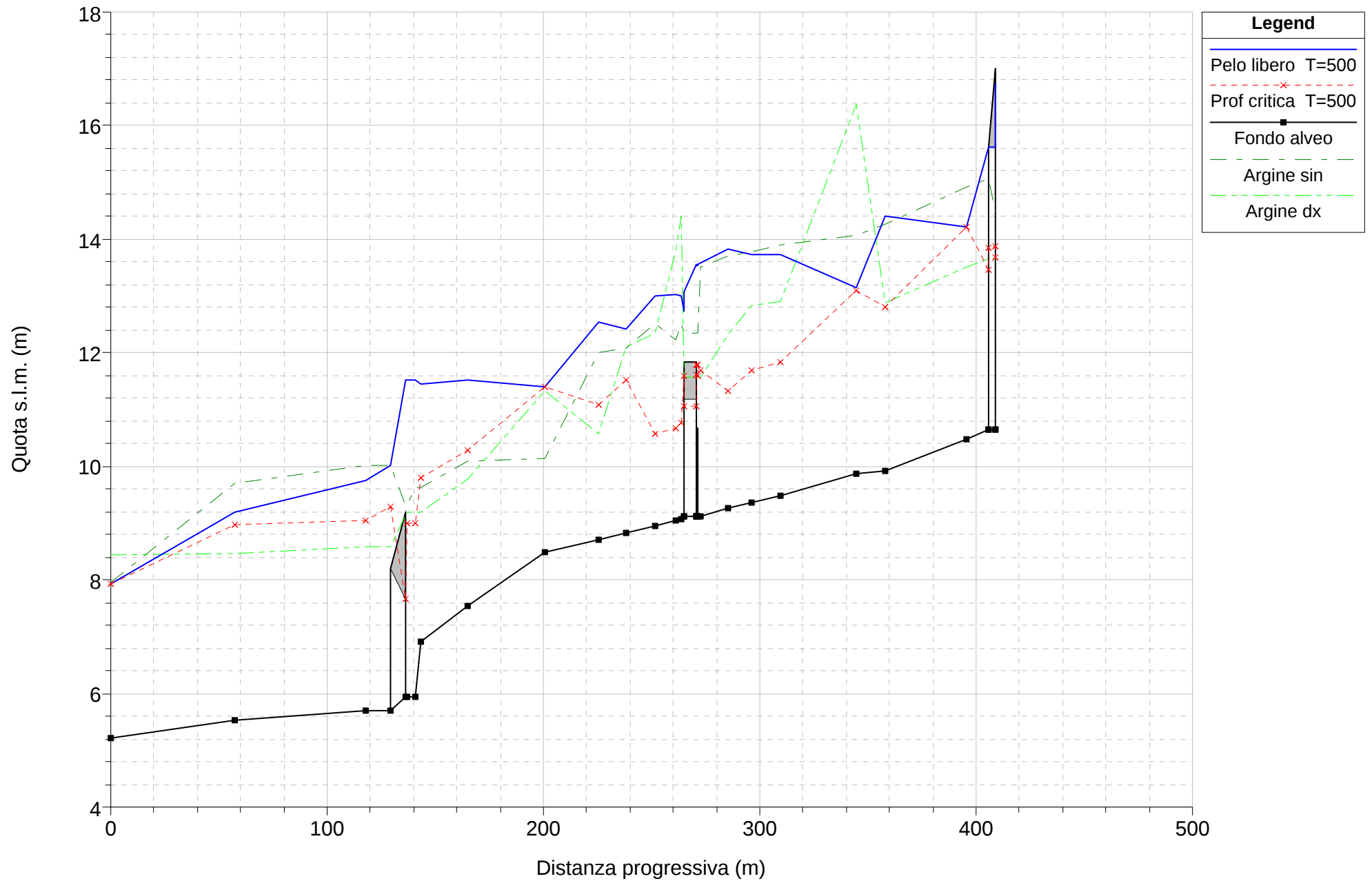
Rio Canin – profilo longitudinale di moto permanente T=50 anni



Rio Canin – profilo longitudinale di moto permanente T=200 anni



Rio Canin – profilo longitudinale di moto permanente T=500 anni



**GEOMETRIA DELLE SEZIONI ED ALTEZZA DEL PELO
LIBERO IN CONDIZIONI DI MOTO PERMANENTE
PER LE PORTATE $T=50, 200, 500$ ANNI**

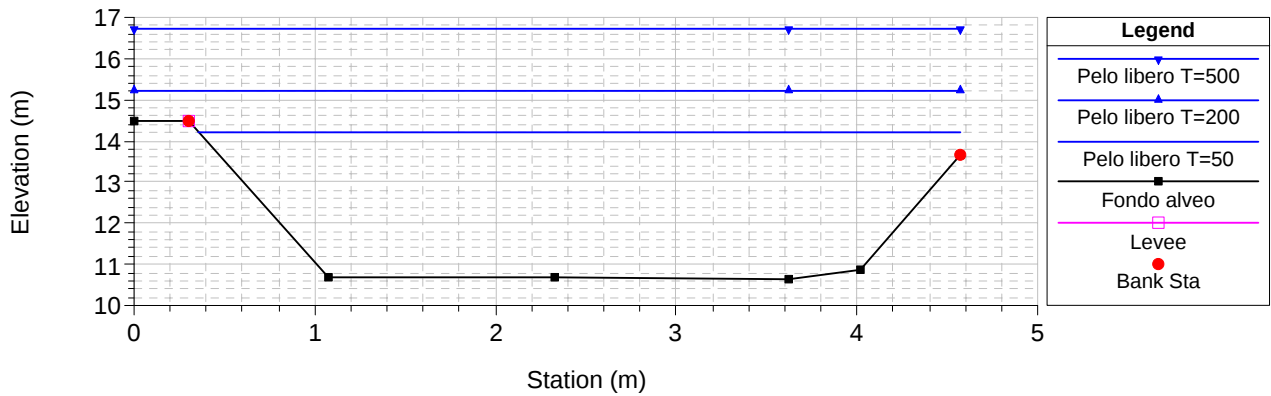
RIO CANIN

DALLA SEZ. 25
ALLA SEZ. 1

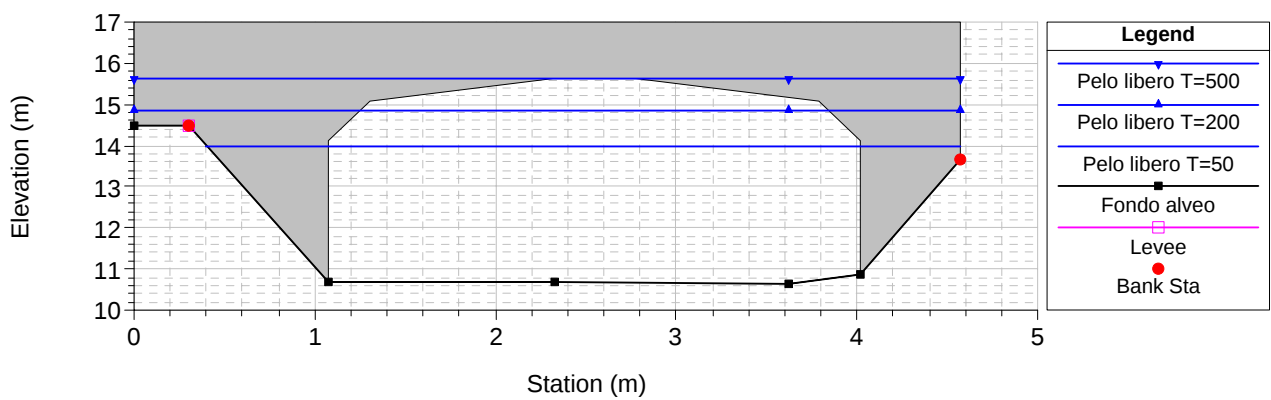
RIO CANIN

Sezioni trasversali

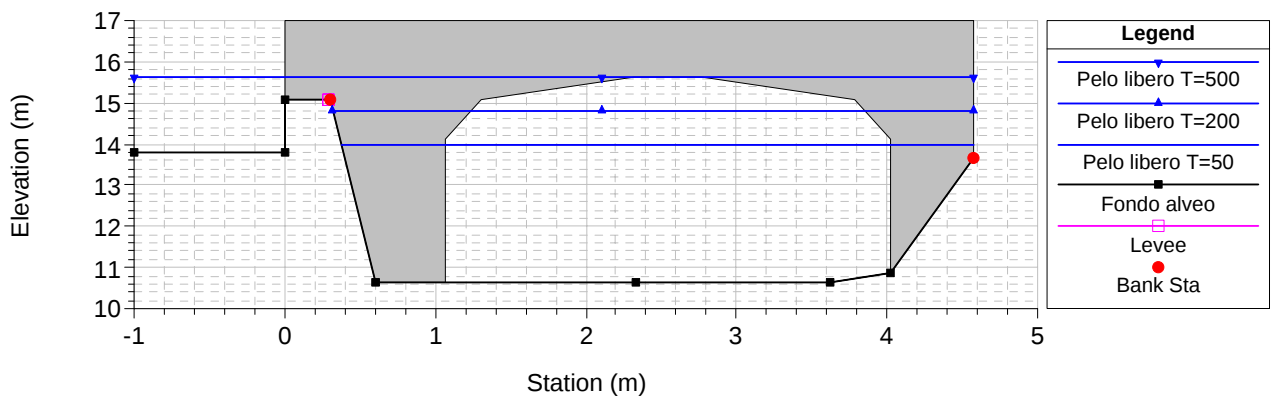
RS = 25



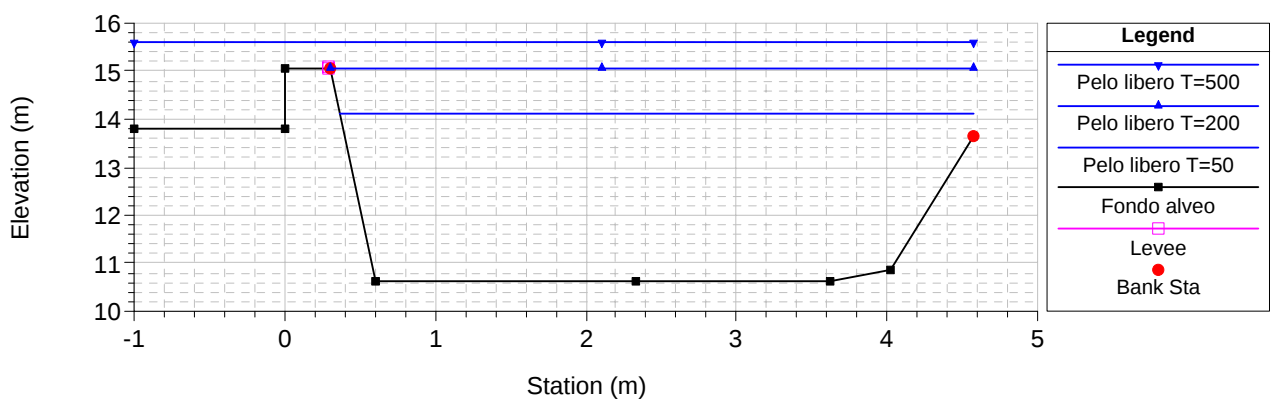
RS = 24.5 BR



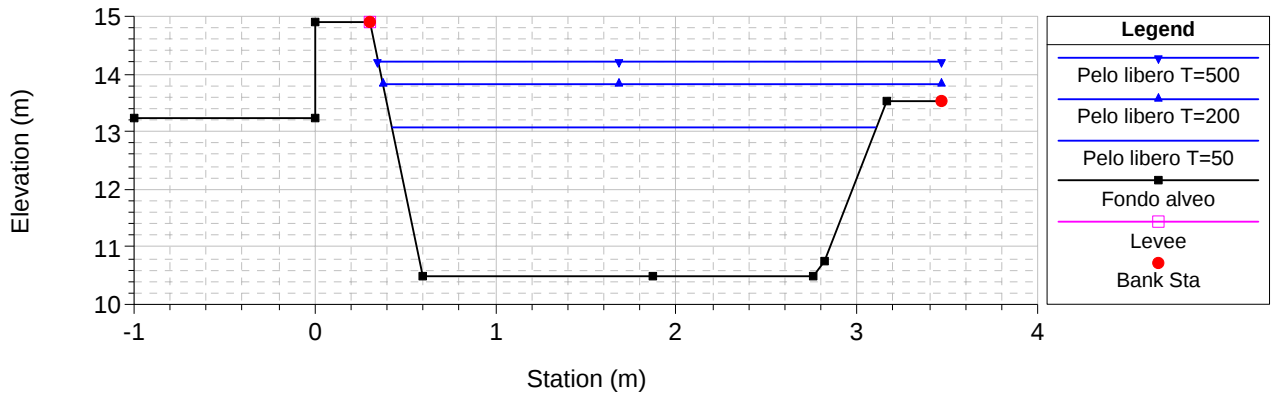
RS = 24.5 BR



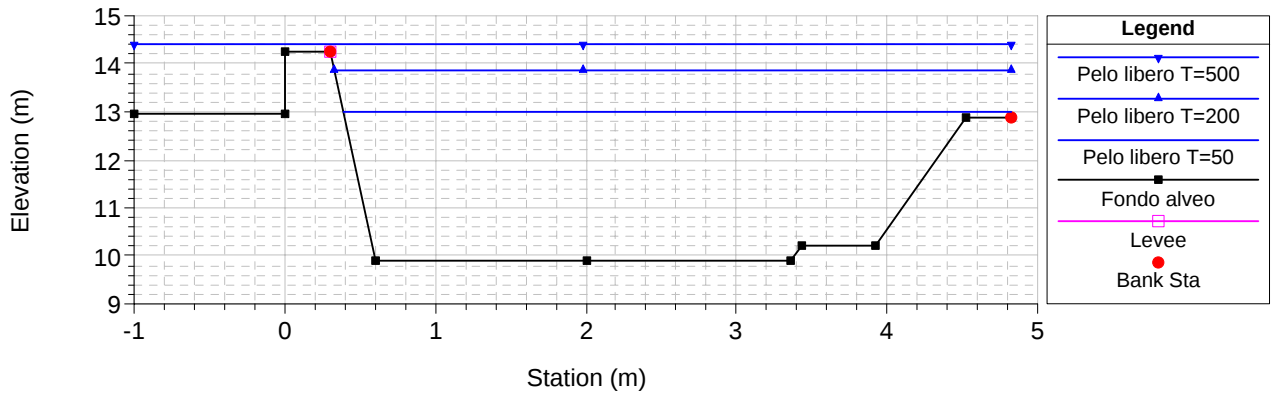
RS = 24



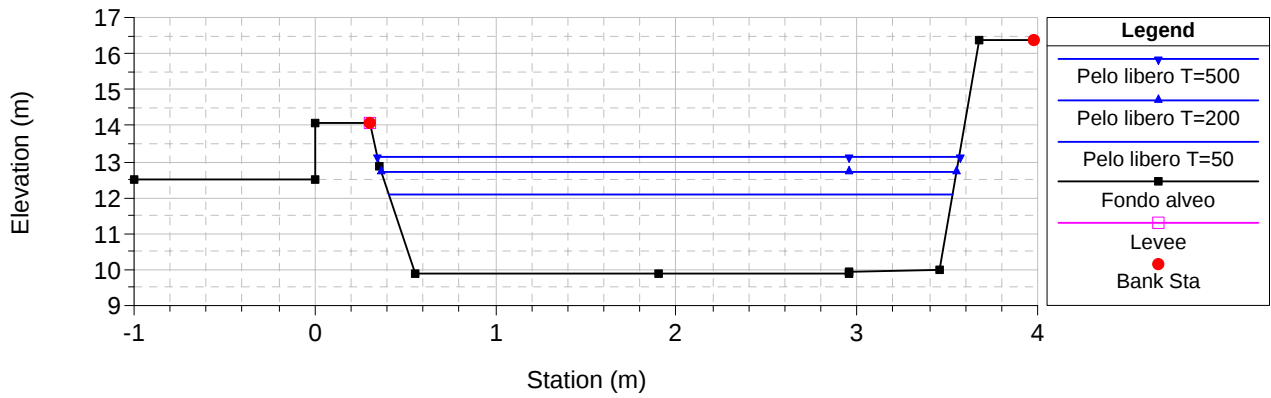
RS = 23



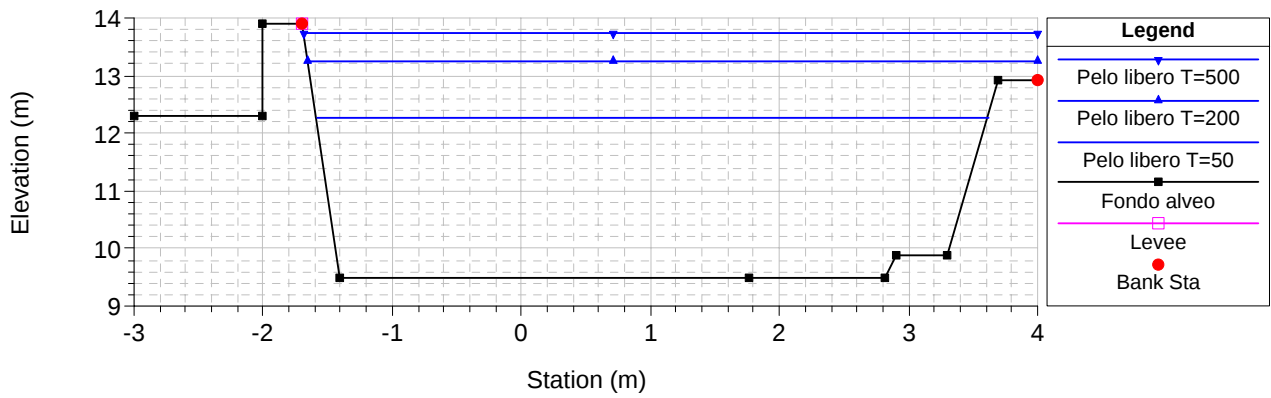
RS = 22

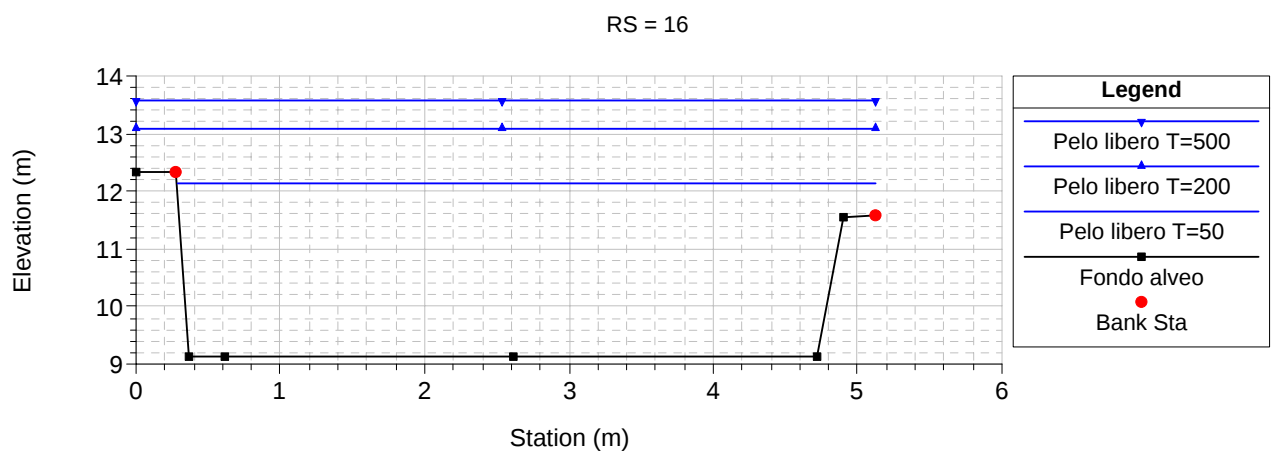
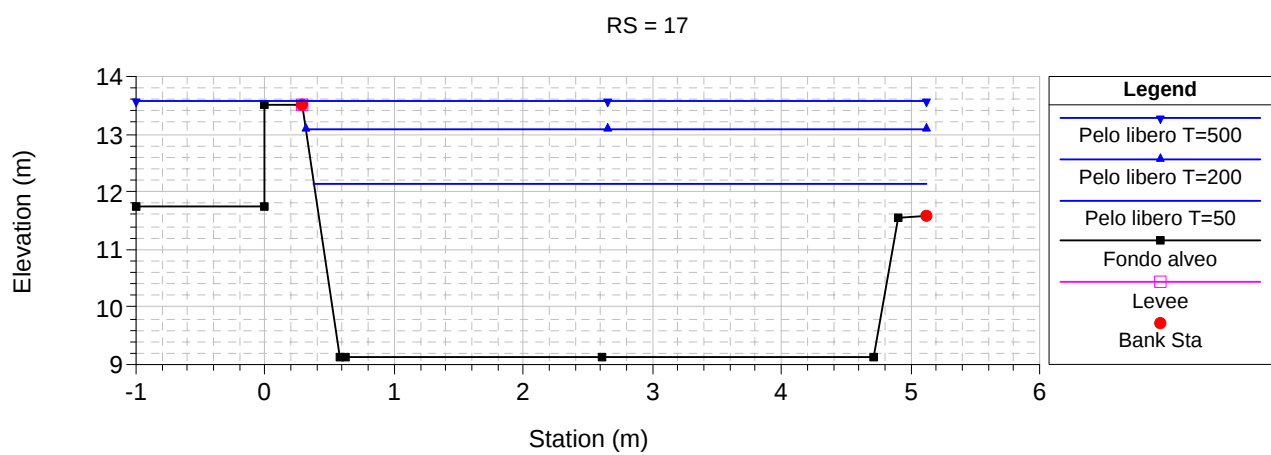
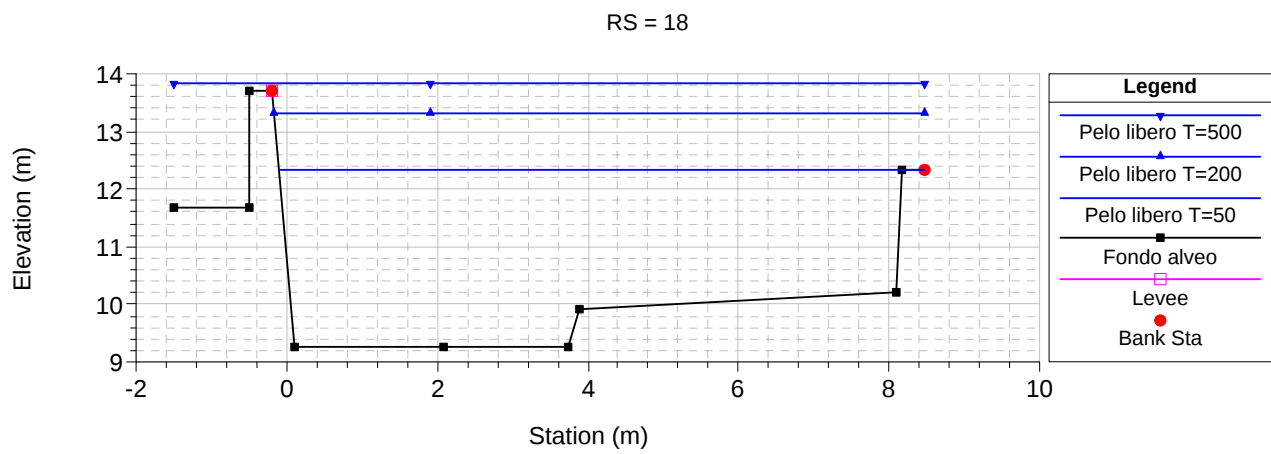
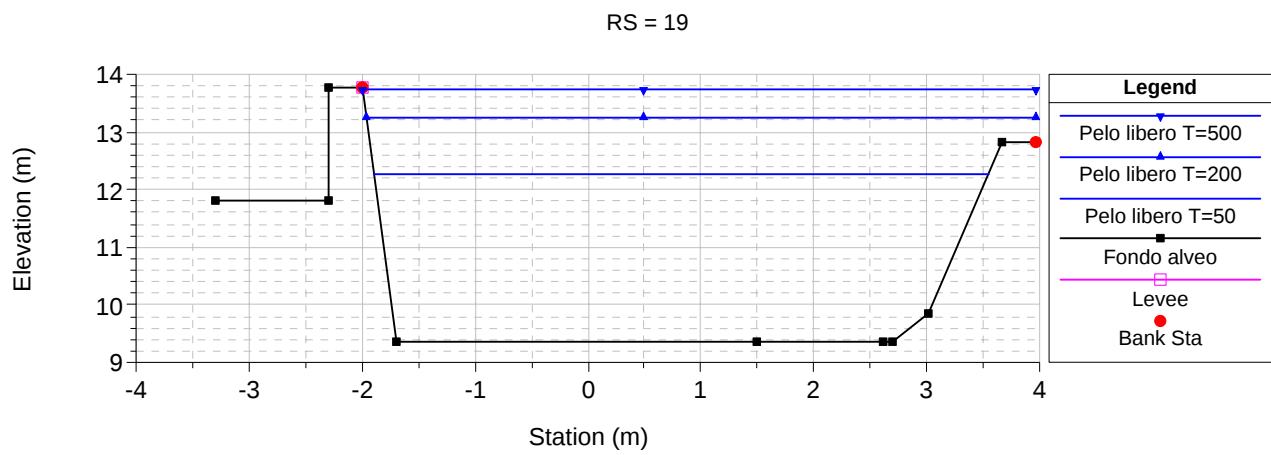


RS = 21

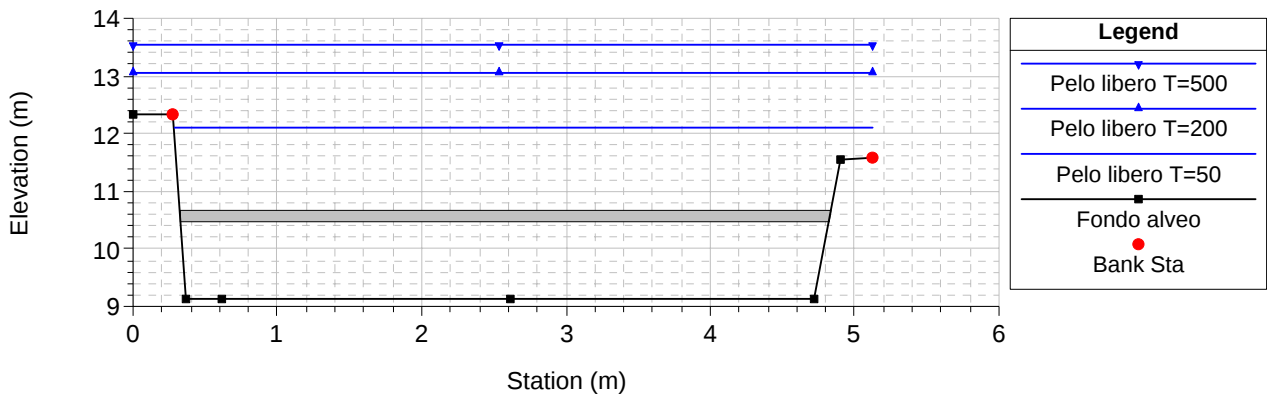


RS = 20

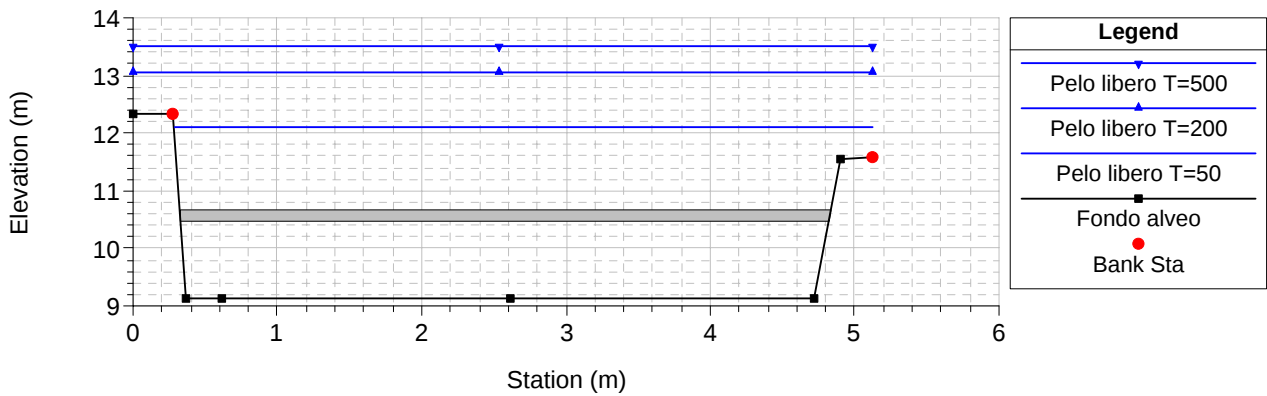




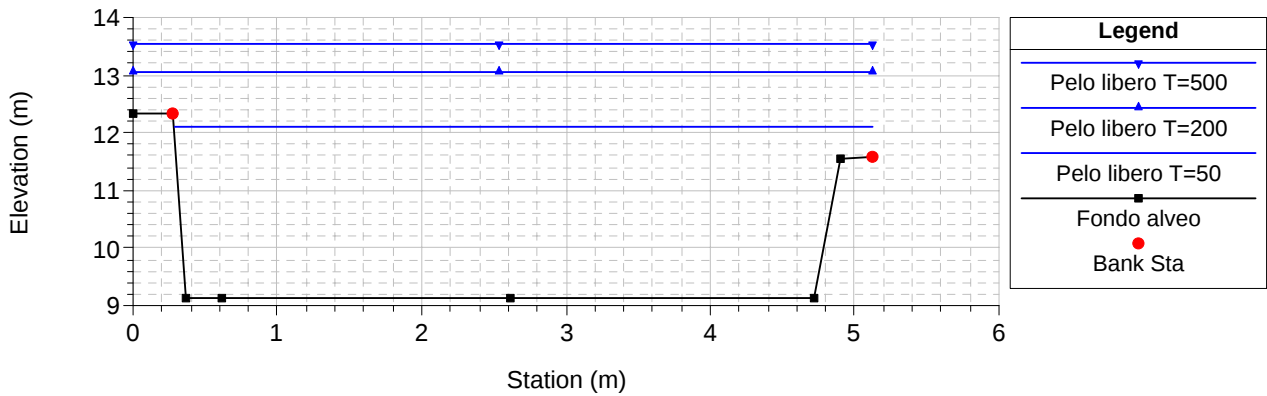
RS = 15.5 BR



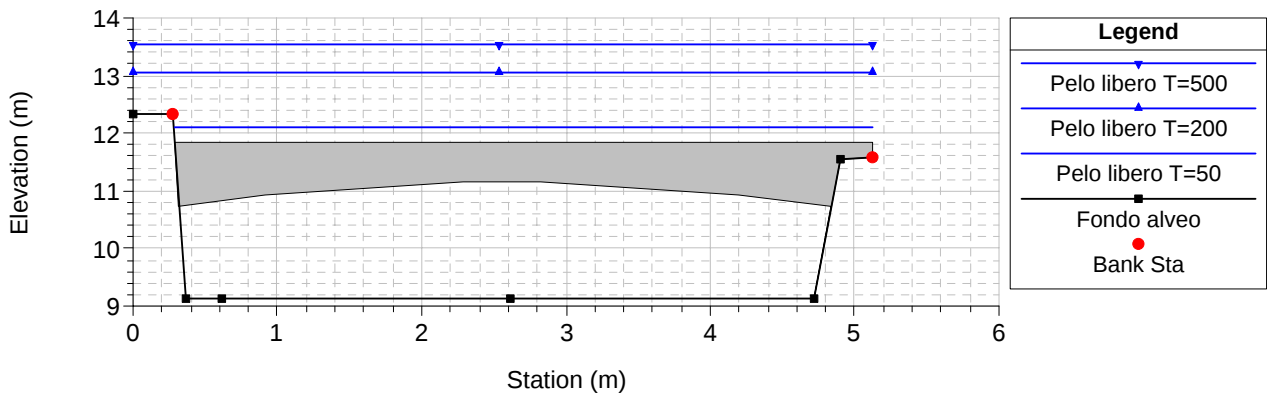
RS = 15.5 BR



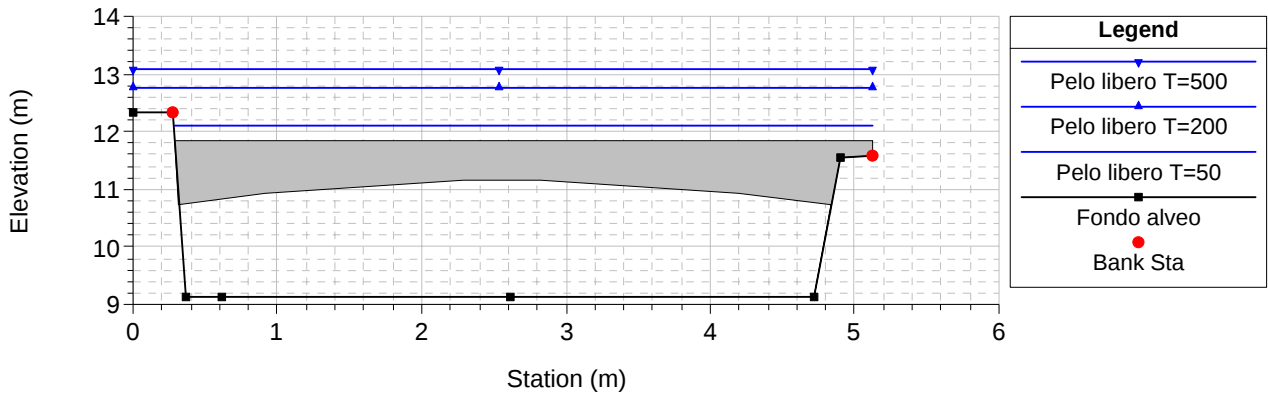
RS = 15



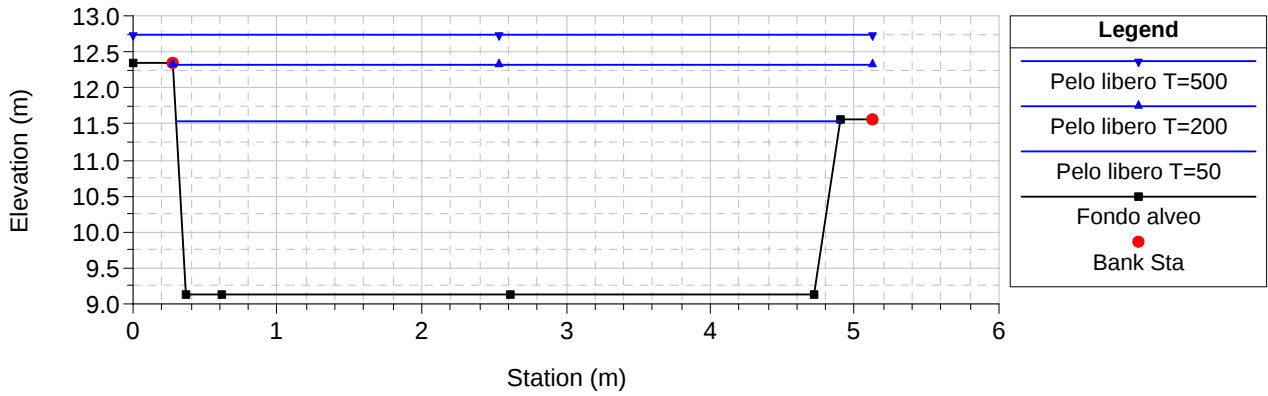
RS = 14.5 BR



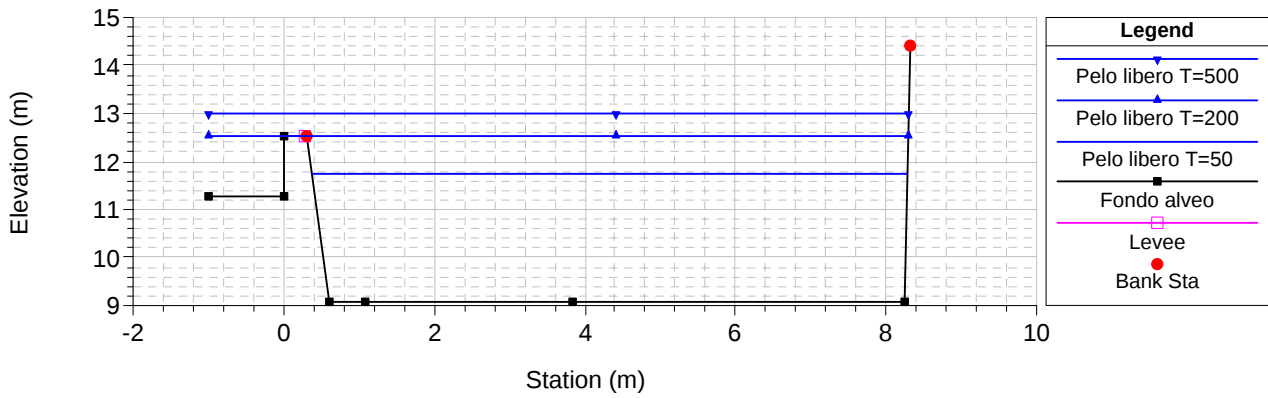
RS = 14.5 BR



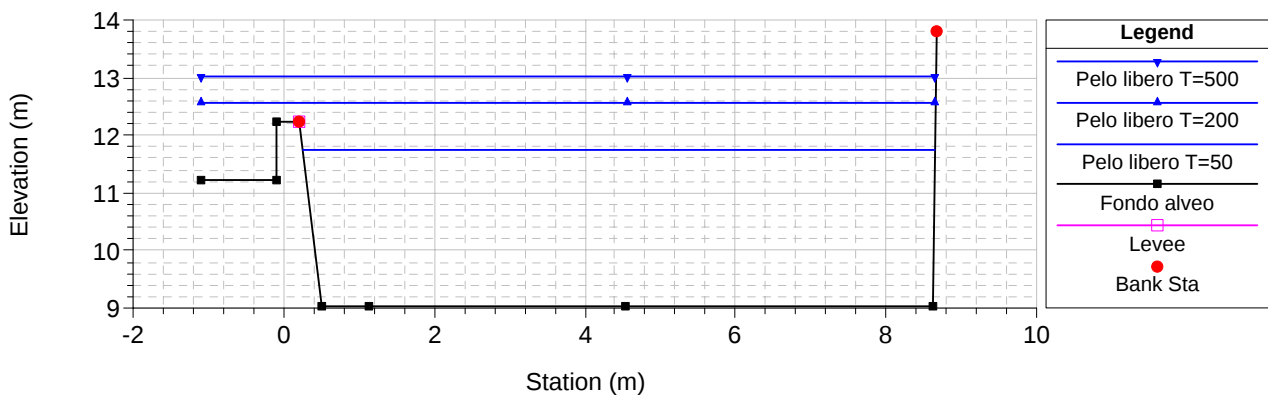
RS = 14



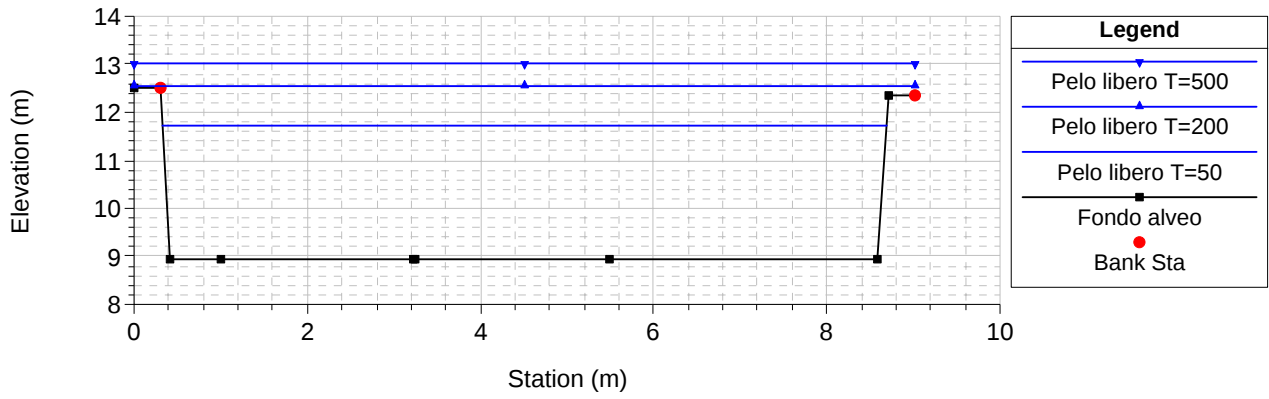
RS = 13



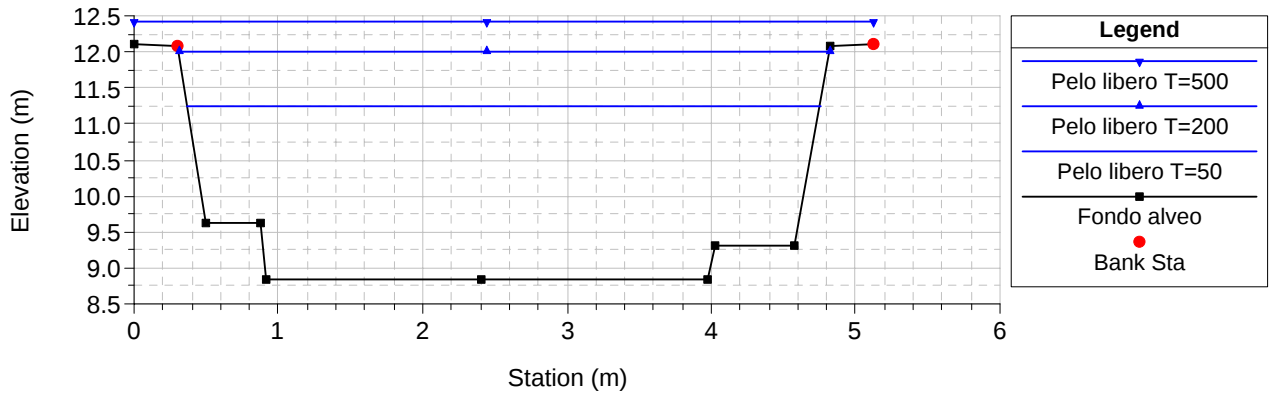
RS = 12



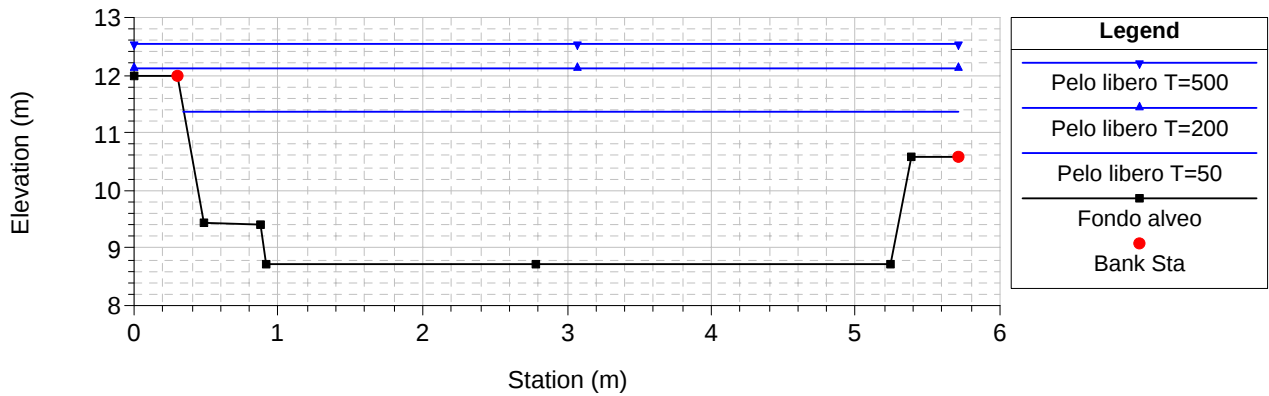
RS = 11



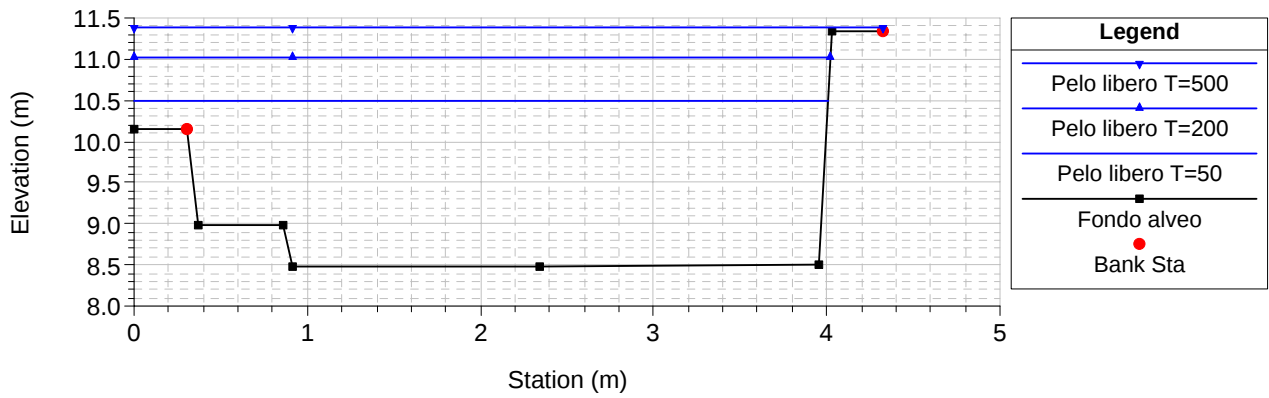
RS = 10



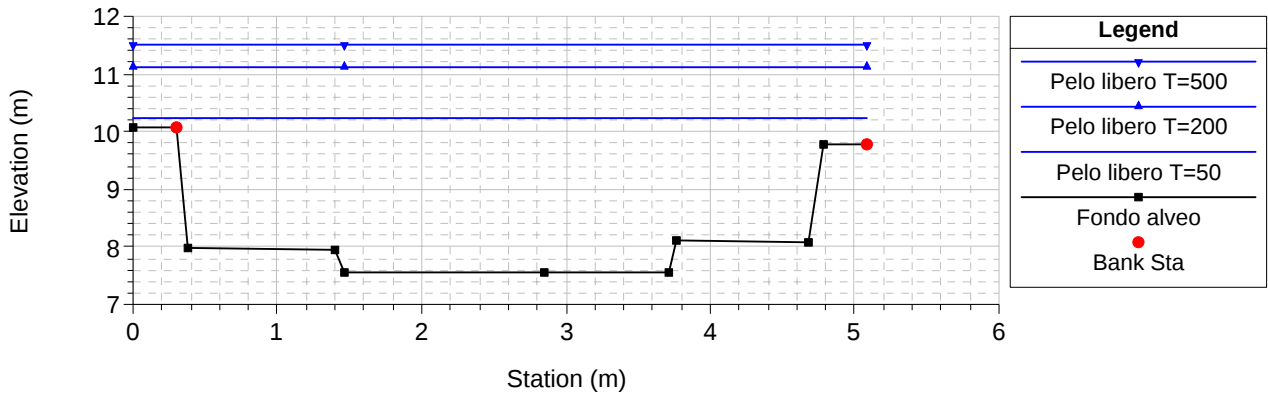
RS = 9



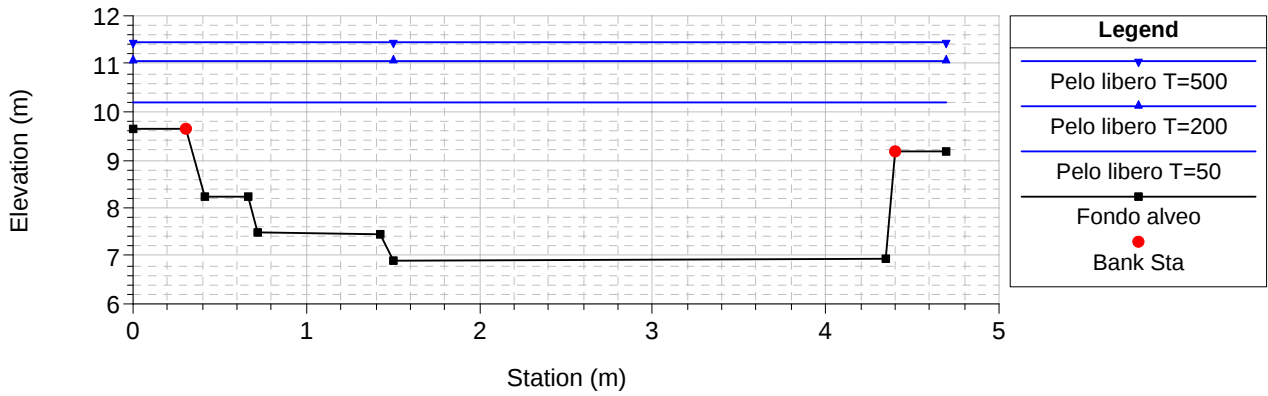
RS = 8



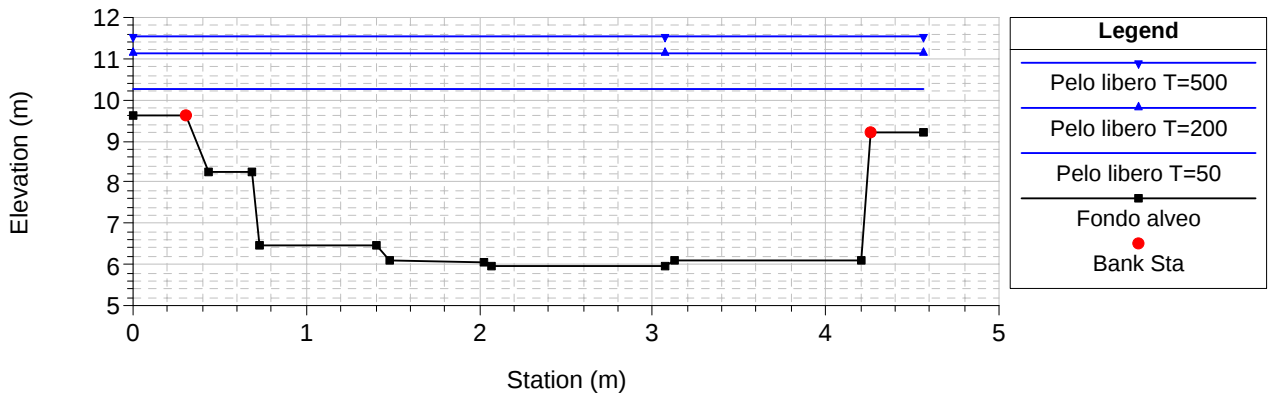
RS = 7



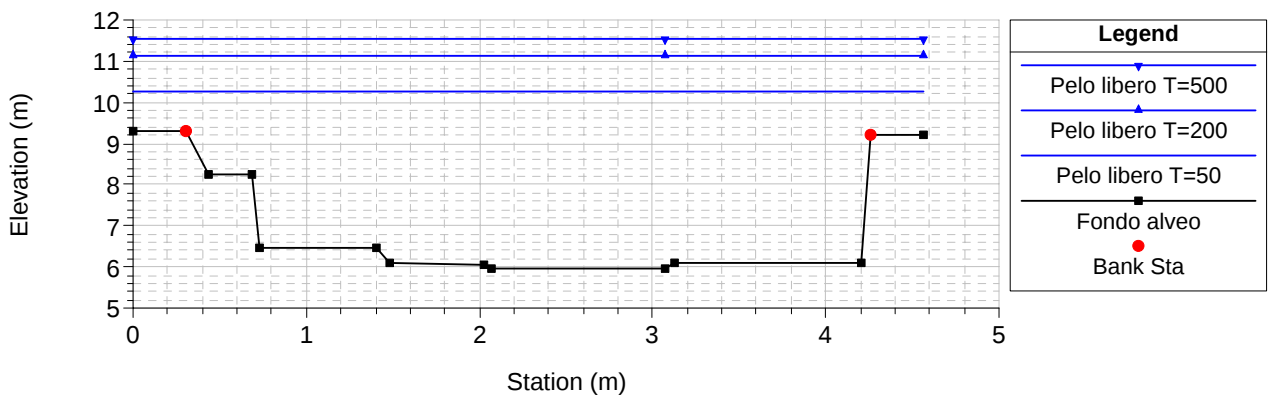
RS = 6



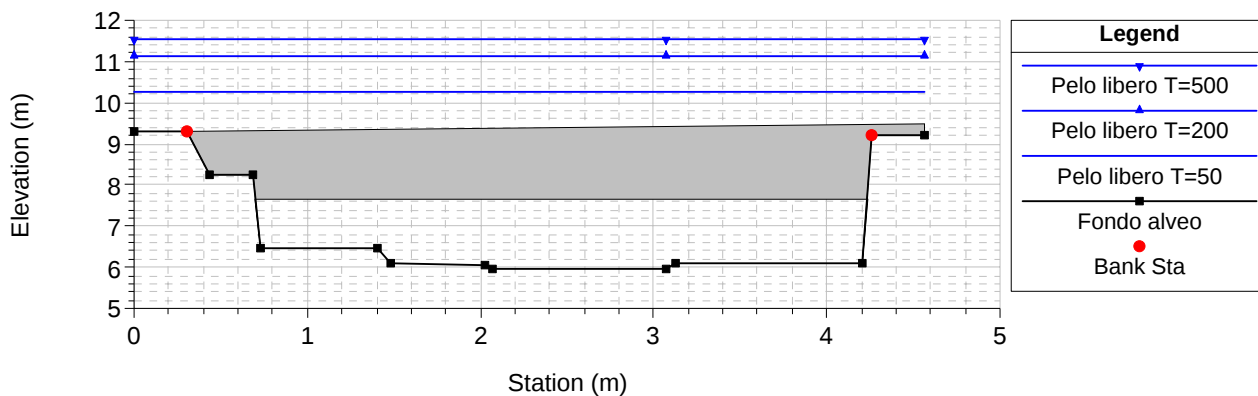
RS = 5



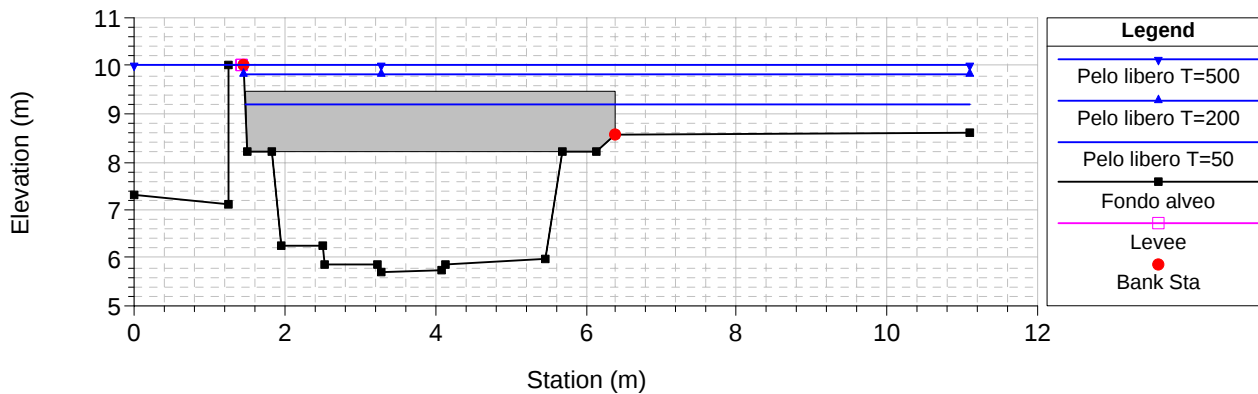
RS = 4



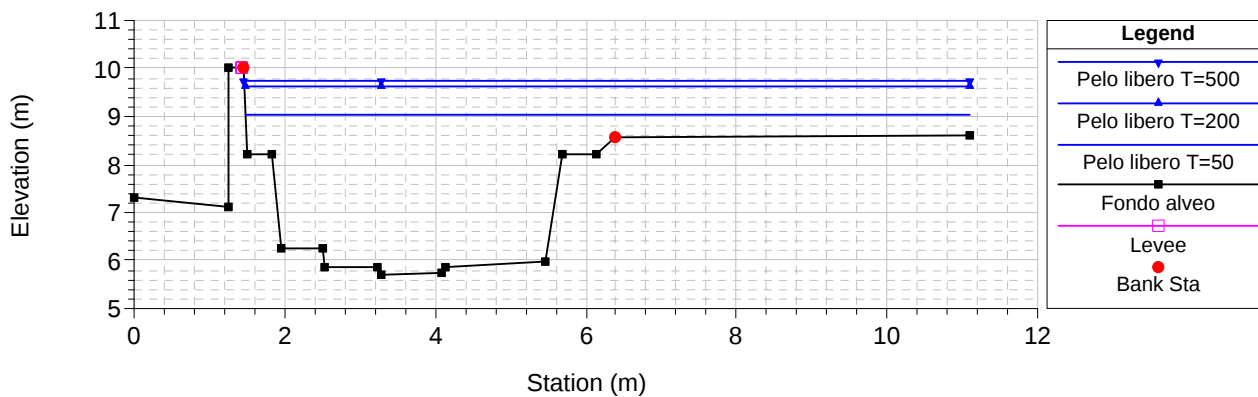
RS = 3.5 BR



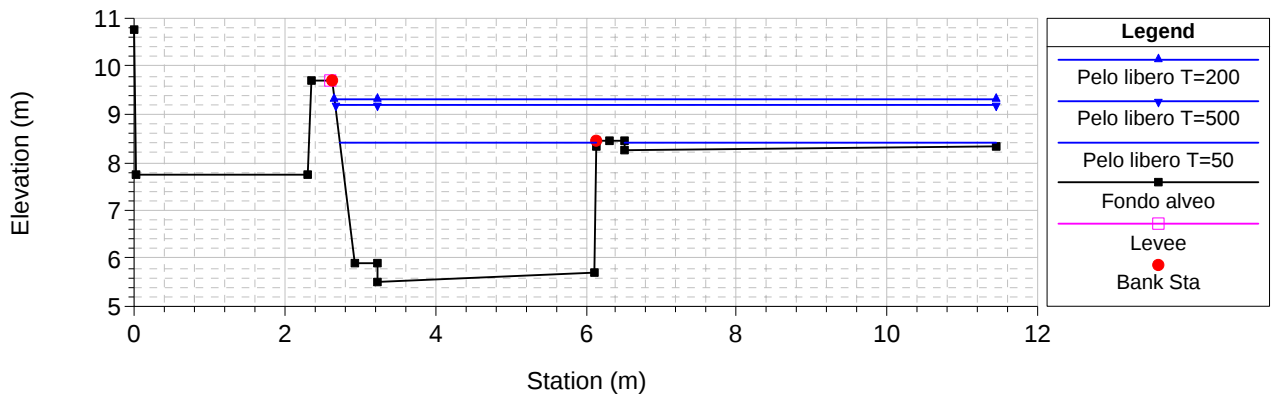
RS = 3.5 BR



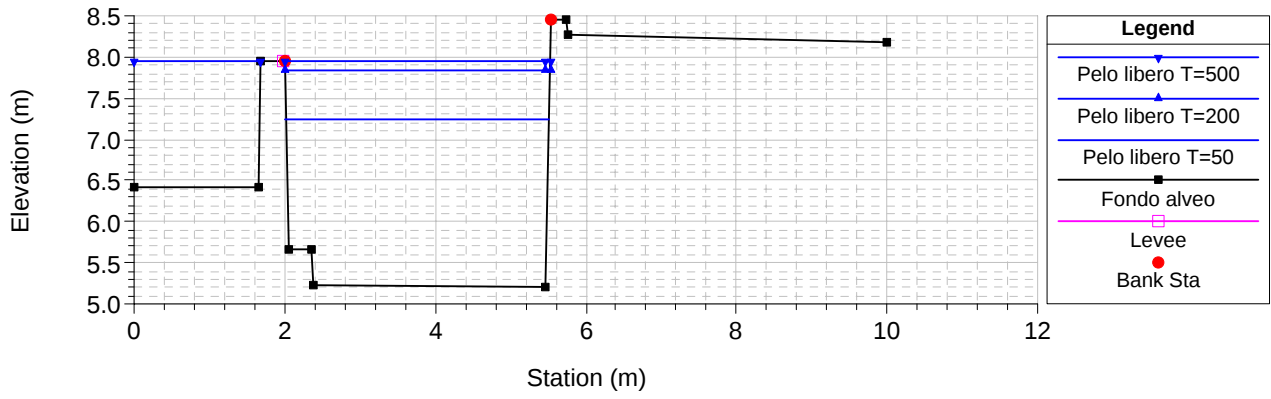
RS = 3



RS = 2



RS = 1



**MODELLAZIONE IDRAULICA IN CONDIZIONI DI MOTO
PERMANENTE:
TABELLE DELLE GRANDEZZE IDRAULICHE SIGNIFICATIVE
PER LE PORTATE T=50, 200, 500 ANNI**

RIO CANIN

Rio Canin T=50 anni										
Sezioni	Portata totale (m3/s)	Fondo alveo (m)	Argine sinistro (m)	Argine destro (m)	Pelo libero (m)	Profondità critica (m)	Energia (m2)	Velocità (m/s)	Area bagnata (m2)	N° Froude
25	30	10.64	14.47	13.66	14.20	12.78	14.49	2.36	12.70	0.43
24.5	Bridge									
24	30	10.64	15.07	13.66	14.14	12.60	14.39	2.25	13.35	0.40
23	30	10.49	14.91	13.52	13.06	13.06	14.23	4.79	6.26	1.00
22	30	9.91	14.27	12.87	12.99	11.94	13.35	2.66	11.29	0.53
21	30	9.88	14.07	16.38	12.10	12.10	13.16	4.56	6.59	1.00
20	30	9.49	13.90	12.91	12.28	11.12	12.53	2.21	13.58	0.44
19	30	9.37	13.77	12.82	12.27	10.98	12.48	2.07	14.51	0.40
18	30	9.27	13.70	12.32	12.33	10.81	12.43	1.39	21.53	0.28
17	30	9.13	13.50	11.57	12.14	10.86	12.40	2.27	13.20	0.43
16	30	9.13	12.34	11.57	12.14	10.80	12.39	2.19	13.70	0.42
15.5	Bridge									
15	30	9.13	12.34	11.57	12.12	10.81	12.37	2.21	13.59	0.42
14.5	Bridge									
14	30	9.13	12.34	11.57	11.53	10.81	11.92	2.79	10.74	0.58
13	30	9.07	12.52	14.42	11.73	10.23	11.84	1.45	20.68	0.29
12	30	9.04	12.22	13.80	11.74	10.15	11.83	1.35	22.24	0.26
11	30	8.95	12.52	12.34	11.73	10.06	11.82	1.30	23.02	0.25
10	30	8.83	12.09	12.10	11.26	10.73	11.76	3.13	9.59	0.68
9	30	8.71	12.00	10.57	11.35	10.35	11.63	2.33	12.90	0.48
8	30	8.48	10.15	11.33	10.48	10.48	11.41	4.22	7.11	1.01
7	30	7.55	10.08	9.77	10.23	9.47	10.61	2.73	10.98	0.59
6	30	6.92	9.63	9.19	10.21	8.93	10.50	2.33	12.85	0.45
5	30	5.95	9.64	9.19	10.27	8.08	10.46	1.88	15.92	0.32
4	30	5.95	9.31	9.19	10.27	8.09	10.46	1.87	16.01	0.32
3.5	Bridge									
3	30	5.70	10.02	8.58	9.04	7.85	9.28	2.07	14.46	0.54
2	30	5.53	9.70	8.46	8.43	7.71	8.95	3.05	9.83	0.90
1	30	5.21	7.95	8.44	7.25	7.25	8.23	4.38	6.85	1.00

Rio Canin T=200 anni										
Sezioni	Portata totale (m3/s)	Fondo alveo (m)	Argine sinistro (m)	Argine destro (m)	Pelo libero (m)	Profondità critica (m)	Energia (m2)	Velocità (m/s)	Area bagnata (m2)	N° Froude
25	44	10.64	14.47	13.66	15.21	13.36	15.55	2.55	17.23	0.42
24.5	Bridge									
24	44	10.64	15.07	13.66	15.06	13.15	15.39	2.55	17.25	0.41
23	44	10.49	14.91	13.52	13.84	13.84	15.21	5.19	8.48	1.00
22	44	9.91	14.27	12.87	13.86	12.50	14.29	2.90	15.20	0.50
21	44	9.88	14.07	16.38	12.73	12.73	14.07	5.14	8.56	1.00
20	44	9.49	13.90	12.91	13.24	11.58	13.52	2.34	18.78	0.41
19	44	9.37	13.77	12.82	13.23	11.44	13.48	2.20	20.01	0.38
18	44	9.27	13.70	12.32	13.32	11.14	13.43	1.47	29.97	0.25
17	44	9.13	13.50	11.57	13.07	11.36	13.39	2.49	17.68	0.41
16	44	9.13	12.34	11.57	13.08	11.29	13.38	2.38	18.46	0.40
15.5	Bridge									
15	44	9.13	12.34	11.57	13.06	11.29	13.36	2.40	18.36	0.40
14.5	Bridge									
14	44	9.13	12.34	11.57	12.31	11.29	12.78	3.03	14.52	0.56
13	44	9.07	12.52	14.42	12.55	10.56	12.67	1.55	28.47	0.28
12	44	9.04	12.22	13.80	12.56	10.48	12.67	1.44	30.60	0.26
11	44	8.95	12.52	12.34	12.55	10.38	12.66	1.47	29.95	0.26
10	44	8.83	12.09	12.10	11.99	11.24	12.59	3.42	12.85	0.65
9	44	8.71	12.00	10.57	12.11	10.84	12.45	2.59	17.00	0.48
8	44	8.48	10.15	11.33	11.02	11.02	12.21	4.75	9.27	1.00
7	44	7.55	10.08	9.77	11.10	9.99	11.53	2.86	15.41	0.52
6	44	6.92	9.63	9.19	11.06	9.48	11.43	2.61	16.85	0.44
5	44	5.95	9.64	9.19	11.13	8.68	11.40	2.22	19.81	0.34
4	44	5.95	9.31	9.19	11.12	8.68	11.39	2.21	19.90	0.34
3.5	Bridge									
3	44	5.70	10.02	8.58	9.62	8.82	9.88	2.19	20.09	0.48
2	44	5.53	9.70	8.46	9.32	8.77	9.65	2.50	17.58	0.57
1	44	5.21	7.95	8.44	7.83	7.83	9.08	4.96	8.87	1.00

Rio Canin T=500 anni										
Sezioni	Portata totale (m3/s)	Fondo alveo (m)	Argine sinistro (m)	Argine destro (m)	Pelo libero (m)	Profondità critica (m)	Energia (m2)	Velocità (m/s)	Area bagnata (m2)	N° Froude
25	53	10.64	14.47	13.66	16.73	13.69	16.99	2.19	24.18	0.30
24.5	Bridge									
24	53	10.64	15.07	13.66	15.61	13.47	15.94	2.45	21.61	0.40
23	53	10.49	14.91	13.52	14.21	14.21	15.75	5.50	9.63	1.00
22	53	9.91	14.27	12.87	14.41	12.82	14.82	2.76	19.17	0.49
21	53	9.88	14.07	16.38	13.14	13.10	14.61	5.37	9.88	0.98
20	53	9.49	13.90	12.91	13.74	11.85	14.05	2.45	21.60	0.40
19	53	9.37	13.77	12.82	13.73	11.70	14.00	2.31	22.97	0.37
18	53	9.27	13.70	12.32	13.83	11.33	13.94	1.45	36.60	0.24
17	53	9.13	13.50	11.57	13.59	11.68	13.91	2.40	22.04	0.40
16	53	9.13	12.34	11.57	13.57	11.60	13.90	2.53	20.94	0.40
15.5	Bridge									
15	53	9.13	12.34	11.57	13.55	11.61	13.89	2.54	20.85	0.40
14.5	Bridge									
14	53	9.13	12.34	11.57	12.75	11.60	13.26	3.17	16.74	0.56
13	53	9.07	12.52	14.42	13.01	10.76	13.15	1.62	32.73	0.28
12	53	9.04	12.22	13.80	13.02	10.67	13.14	1.51	35.09	0.25
11	53	8.95	12.52	12.34	13.01	10.57	13.13	1.56	34.08	0.26
10	53	8.83	12.09	12.10	12.41	11.53	13.06	3.55	14.94	0.66
9	53	8.71	12.00	10.57	12.53	11.09	12.92	2.73	19.44	0.47
8	53	8.48	10.15	11.33	11.40	11.40	12.67	4.91	10.79	0.99
7	53	7.55	10.08	9.77	11.51	10.28	11.99	3.03	17.49	0.52
6	53	6.92	9.63	9.19	11.46	9.80	11.90	2.83	18.72	0.45
5	53	5.95	9.64	9.19	11.53	8.99	11.86	2.45	21.65	0.36
4	53	5.95	9.31	9.19	11.52	9.00	11.85	2.44	21.73	0.36
3.5	Bridge									
3	53	5.70	10.02	8.58	9.76	9.06	10.08	2.47	21.42	0.53
2	53	5.53	9.70	8.46	9.20	8.97	9.75	3.20	16.56	0.74
1	53	5.21	7.95	8.44	7.94	7.94	9.04	4.49	11.81	0.95