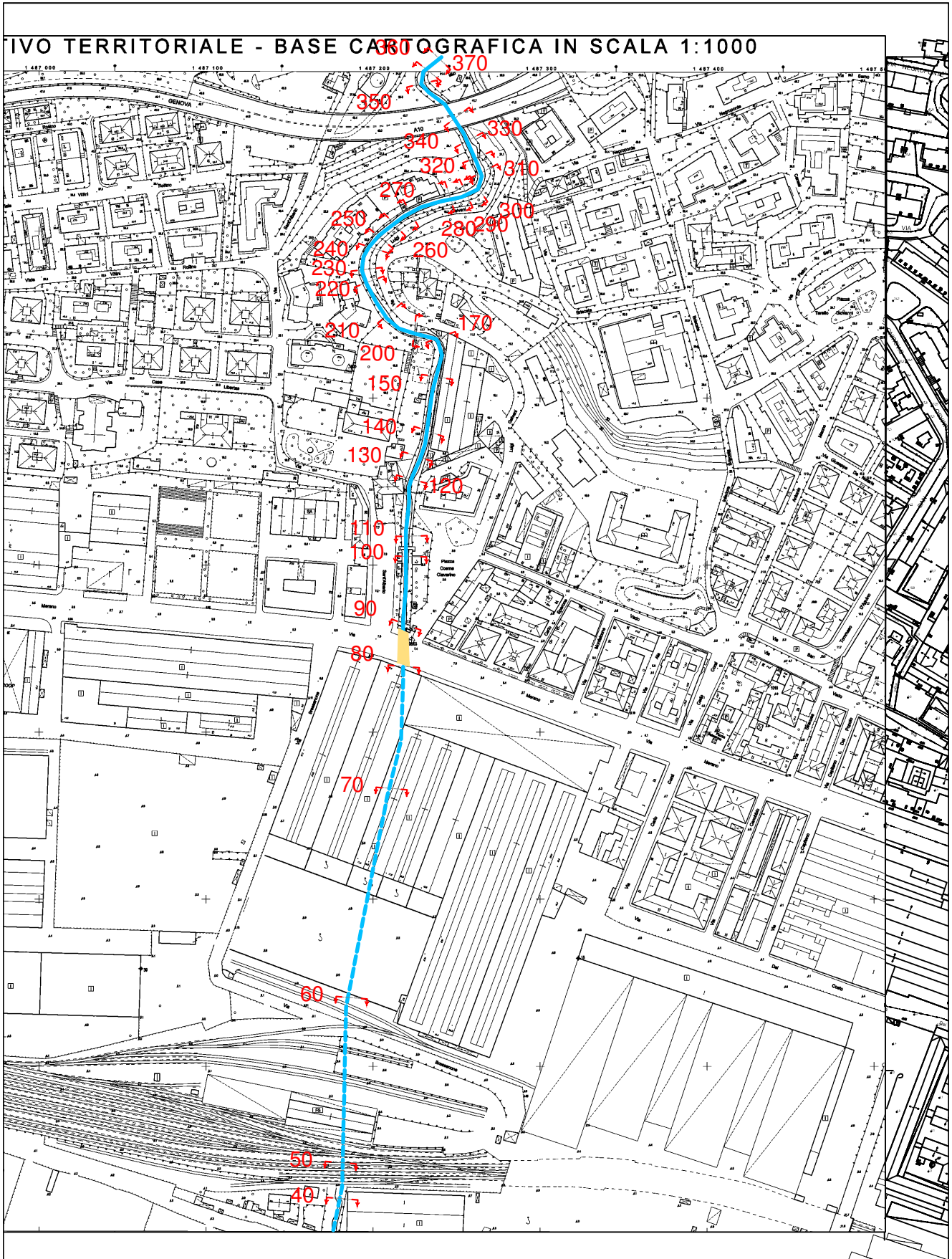


Rio Molinassi

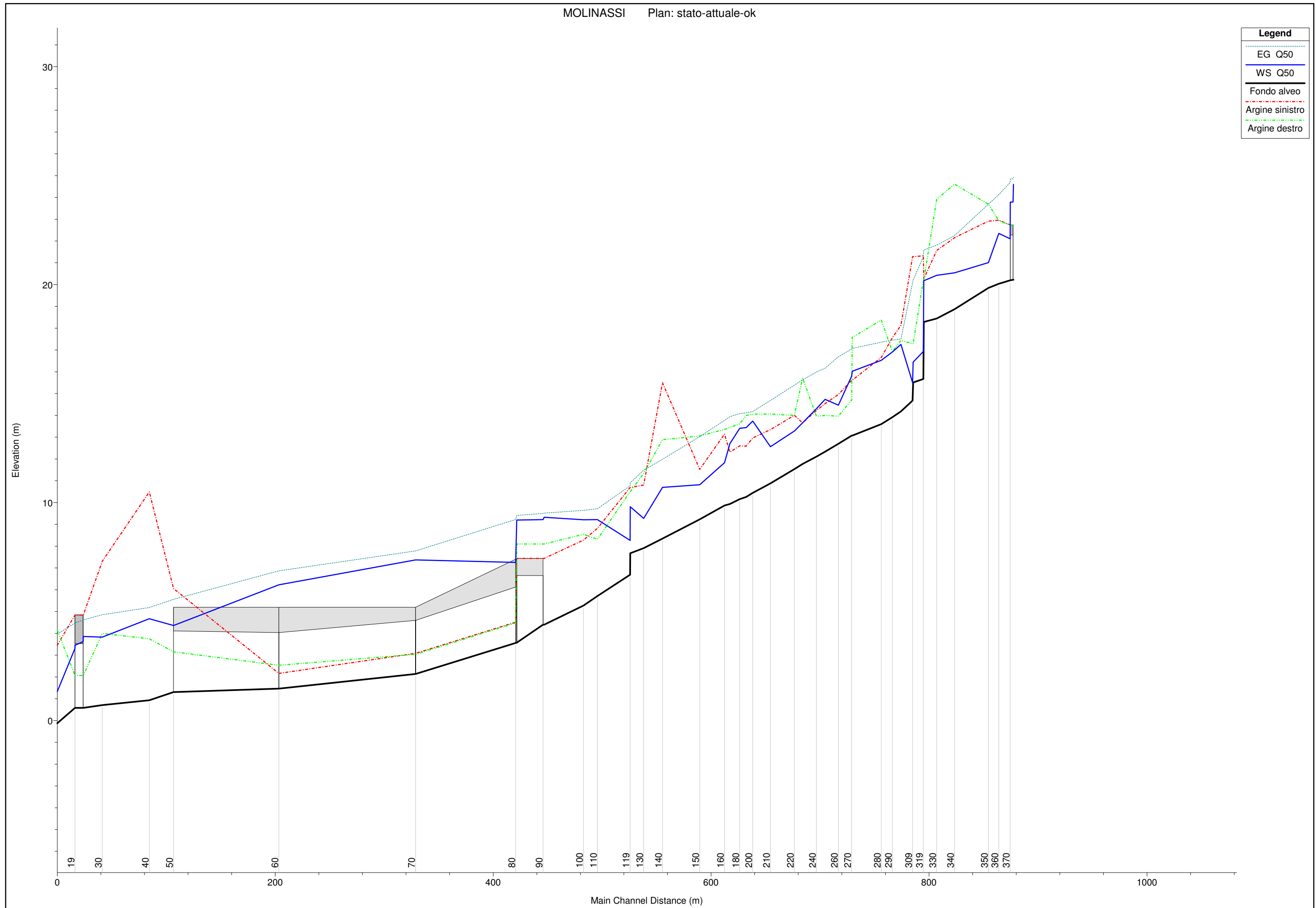
dalla sezione MOL_S370 alla MOL_S10

- Profili di corrente
- Sezioni idrauliche
- Tabelle dei risultati



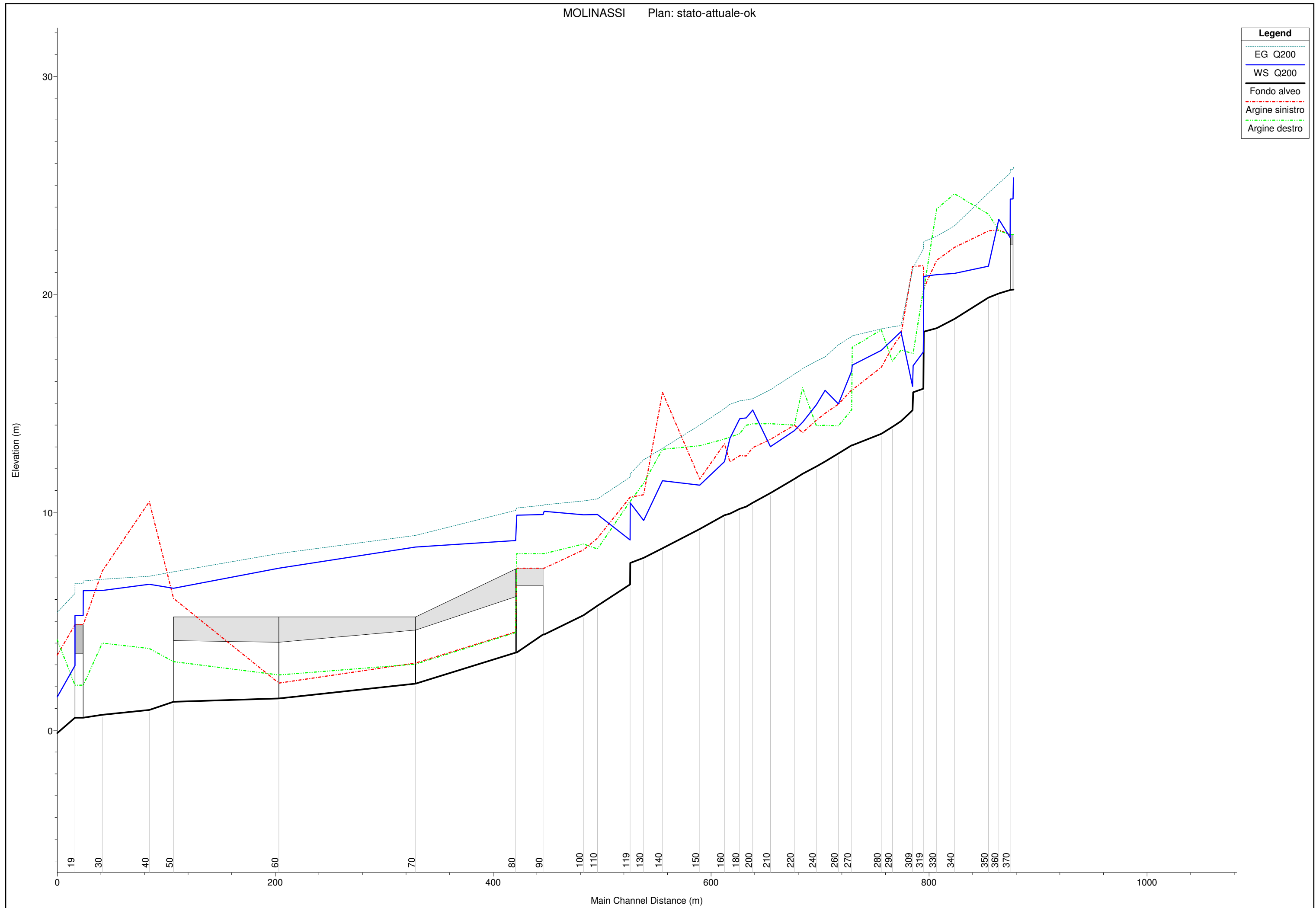
PLANIMETRIA CON UBICAZIONE SEZIONI DI
CALCOLO IDRAULICO
RIO MOLINASSI
scala 1:3000

MOLINASSI Plan: stato-attuale-ok



1 cm Horiz. = 30 m 1 cm Vert. = 1.5 m

MOLINASSI Plan: stato-attuale-ok



Legend	
EG Q200	(Light blue dotted line)
WS Q200	(Solid blue line)
Fondo alveo	(Solid black line)
Argine sinistro	(Red dashed line)
Argine destro	(Green dash-dot line)

1 cm Horiz. = 30 m 1 cm Vert. = 1.5 m

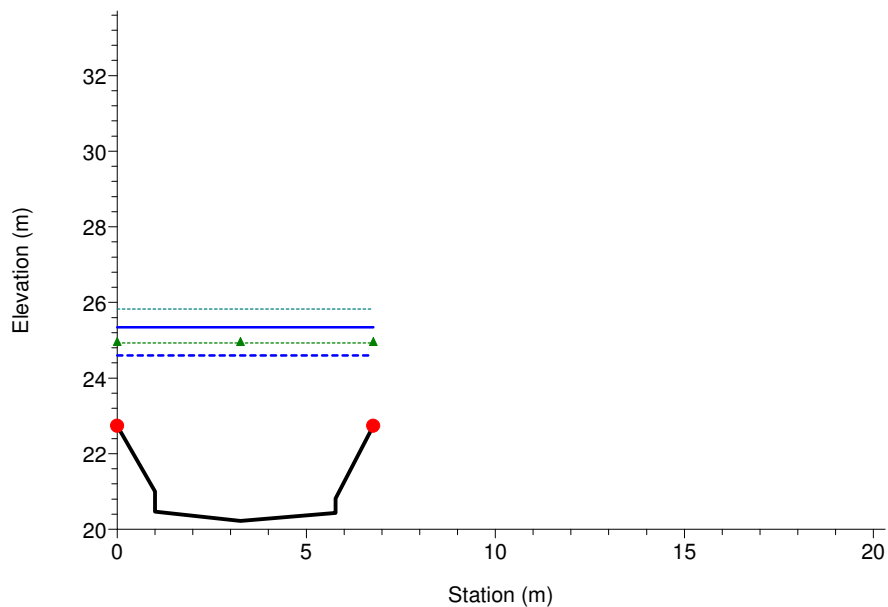
HEC-RAS Plan: attuale River: MOLINASSI Reach: MOLINASSI Profile: Q200

Reach	River Sta	Profile	Cum Ch Len	Q Total	Min Ch El	LOB Elev	ROB Elev	W.S. Elev	Hydr Depth	Max Chl Dpth	E.G. Elev	Vel Chnl	Flow Area	Top Width	Froude # Chl
			(m)	(m ³ /s)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m/s)	(m ²)	(m)	
MOLINASSI	371	Q200	877.38	95.00	20.22	22.74	22.74	25.34	4.57	5.12	25.82	3.07	30.97	6.78	0.46
MOLINASSI	370.5		Bridge												
MOLINASSI	370	Q200	874.38	95.00	20.20	22.74	22.74	22.61	1.88	2.41	25.56	7.61	12.48	6.63	1.77
MOLINASSI	360	Q200	863.99	95.00	20.04	22.96	22.92	23.44	3.27	3.40	25.09	5.69	16.72	5.11	1.00
MOLINASSI	350	Q200	854.47	95.00	19.85	22.91	23.69	21.29	1.25	1.44	24.65	8.13	11.69	9.33	2.32
MOLINASSI	340	Q200	823.34	95.00	18.87	22.15	24.61	20.96	1.95	2.09	23.14	6.55	14.51	7.45	1.50
MOLINASSI	330	Q200	806.99	95.00	18.44	21.56	23.91	20.90	2.18	2.46	22.66	5.88	16.17	7.43	1.27
MOLINASSI	321	Q200	795.18	95.00	18.29	20.27	20.21	20.82	2.48	2.53	22.42	5.61	16.92	6.83	1.14
MOLINASSI	319	Q200	794.76	95.00	15.67	21.32	20.21	17.36	1.37	1.69	22.10	9.64	9.85	7.18	2.63
MOLINASSI	311	Q200	785.33	95.00	15.51	21.28	17.29	16.72	1.16	1.22	21.22	9.40	10.11	8.73	2.79
MOLINASSI	309	Q200	784.91	95.00	14.68	21.28	17.29	15.78	1.08	1.10	21.10	10.22	9.30	8.58	3.13
MOLINASSI	300	Q200	774.24	95.00	14.18	18.13	17.44	18.29	3.89	4.11	18.56	2.33	40.79	10.49	0.38
MOLINASSI	290	Q200	766.36	95.00	13.92	17.57	16.93	17.91	3.69	4.00	18.51	3.43	27.72	7.51	0.57
MOLINASSI	280	Q200	756.22	95.00	13.60	16.66	18.37	17.43	3.66	3.83	18.41	4.39	21.62	5.91	0.73
MOLINASSI	271	Q200	729.51	95.00	13.08	15.61	17.57	16.75	3.43	3.68	18.10	5.14	18.48	5.39	0.89
MOLINASSI	270	Q200	729.01	95.00	13.08	15.61	14.70	16.49	3.17	3.41	18.07	5.57	17.05	5.38	1.00
MOLINASSI	260	Q200	716.78	95.00	12.70	14.96	13.97	14.97	2.17	2.28	17.69	7.30	13.02	6.01	1.58
MOLINASSI	250	Q200	704.65	95.00	12.33	14.54	13.99	15.60	3.07	3.26	17.13	5.50	17.29	5.62	1.00
MOLINASSI	240	Q200	696.64	95.00	12.10	14.22	13.97	14.93	2.62	2.83	16.94	6.28	15.14	5.78	1.24
MOLINASSI	230	Q200	683.95	95.00	11.77	13.66	15.71	14.13	1.90	2.36	16.58	6.96	13.80	7.26	1.52
MOLINASSI	220	Q200	676.36	95.00	11.53	14.00	14.00	13.75	1.93	2.22	16.34	7.13	13.32	6.89	1.64
MOLINASSI	210	Q200	654.40	95.00	10.88	13.35	14.07	13.01	1.95	2.13	15.63	7.17	13.26	6.78	1.64
MOLINASSI	200	Q200	638.20	95.00	10.44	12.96	14.06	14.69	3.93	4.25	15.21	3.20	29.69	7.56	0.52
MOLINASSI	190	Q200	632.21	95.00	10.26	12.59	14.00	14.33	3.75	4.07	15.15	4.02	23.61	6.29	0.66
MOLINASSI	180	Q200	626.26	95.00	10.16	12.60	13.61	14.29	3.81	4.13	15.11	4.01	23.68	6.21	0.66
MOLINASSI	170	Q200	617.19	95.00	9.94	12.31	13.45	13.39	3.12	3.46	14.95	5.53	17.17	5.51	1.00
MOLINASSI	160	Q200	612.28	95.00	9.87	13.15	13.36	12.32	2.20	2.45	14.76	6.92	13.73	6.23	1.49
MOLINASSI	150	Q200	589.50	95.00	9.23	11.52	13.05	11.24	1.90	2.01	14.00	7.36	12.91	6.79	1.70
MOLINASSI	140	Q200	555.36	95.00	8.35	15.50	12.89	11.45	2.94	3.10	12.94	5.40	17.60	5.98	1.00
MOLINASSI	130	Q200	538.04	95.00	7.91	10.81	11.34	9.63	1.59	1.72	12.41	7.39	12.85	8.06	1.87
MOLINASSI	121	Q200	525.82	95.00	7.68	10.69	10.50	10.43	2.67	2.75	11.77	5.14	18.50	6.92	1.00
MOLINASSI	119	Q200	525.60	95.00	6.69	10.69	10.50	8.73	1.84	2.04	11.62	7.53	12.62	6.88	1.77
MOLINASSI	110	Q200	495.70	95.00	5.72	8.82	8.32	9.90	4.08	4.18	10.62	3.75	25.31	6.20	0.59
MOLINASSI	100	Q200	482.84	95.00	5.27	8.28	8.55	9.89	4.29	4.61	10.52	3.54	26.87	6.26	0.54
MOLINASSI	90.1	Q200	446.82	95.00	4.39	7.44	8.10	10.05	5.44	5.65	10.34	2.40	39.57	7.28	0.33
MOLINASSI	90	Q200	445.82	95.00	4.39	6.65	6.65	9.90	4.50	5.50	10.33	2.90	32.73	7.28	0.40
MOLINASSI	84	Q200	421.64	95.00	3.57	6.65	6.65	9.87	5.13	6.30	10.20	2.54	37.33	7.28	0.32
MOLINASSI	80	Q200	420.64	95.00	3.56	4.51	4.62	8.71	3.12	5.15	10.09	5.21	18.24	5.84	0.73
MOLINASSI	70	Q200	328.80	95.00	2.14	3.08	3.03	8.40	4.98	6.26	8.94	3.24	29.31	5.88	0.41
MOLINASSI	60	Q200	203.27	95.00	1.46	2.18	2.14	7.43	4.18	5.97	8.11	3.64	26.13	6.25	0.48
MOLINASSI	50	Q200	106.71	95.00	1.31	1.97	1.68	6.52	2.91	5.21	7.27	3.85	24.82	8.54	0.54
MOLINASSI	40	Q200	84.42	95.00	0.93	10.49	3.75	6.70	4.86	5.77	7.07	2.68	35.46	7.30	0.39
MOLINASSI	30	Q200	41.25	95.00	0.71	7.31	4.00	6.41	5.04	5.71	6.93	3.18	29.84	5.92	0.45
MOLINASSI	20	Q200	23.83	95.00	0.58	4.85	2.07	6.41	5.42	5.83	6.85	2.95	32.17	5.94	0.41
MOLINASSI	19.5		Bridge												
MOLINASSI	19	Q200	16.23	95.00	0.58	4.85	2.07	2.97	1.99	2.39	6.28	8.05	11.79	5.93	1.82
MOLINASSI	10	Q200		95.00	-0.13	3.45	4.15	1.53	1.23	1.65	5.41	8.73	10.88	8.87	2.52

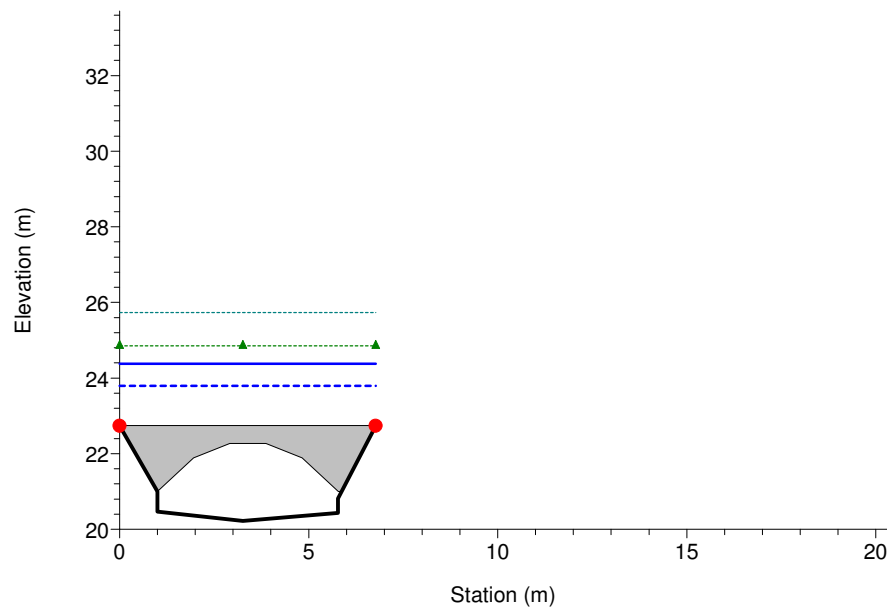
HEC-RAS Plan: attuale River: MOLINASSI Reach: MOLINASSI Profile: Q50

Reach	River Sta	Profile	Cum Ch Len	Q Total	Min Ch El	LOB Elev	ROB Elev	W.S. Elev	Hydr Depth	Max Chl Dpth	E.G. Elev	Vel Chnl	Flow Area	Top Width	Froude # Chl
			(m)	(m ³ /s)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m/s)	(m ²)	(m)	
MOLINASSI	371	Q50	877.38	66.00	20.22	22.74	22.74	24.60	3.83	4.38	24.93	2.55	25.93	6.78	0.42
MOLINASSI	370.5		Bridge												
MOLINASSI	370	Q50	874.38	66.00	20.20	22.74	22.74	22.10	1.52	1.90	24.69	7.13	9.26	6.08	1.84
MOLINASSI	360	Q50	863.99	66.00	20.04	22.96	22.92	22.35	2.21	2.31	24.13	5.90	11.19	5.06	1.27
MOLINASSI	350	Q50	854.47	66.00	19.85	22.91	23.69	21.01	0.98	1.16	23.69	7.25	9.11	9.30	2.34
MOLINASSI	340	Q50	823.34	66.00	18.87	22.15	24.61	20.54	1.55	1.67	22.25	5.79	11.40	7.33	1.48
MOLINASSI	330	Q50	806.99	66.00	18.44	21.56	23.91	20.42	1.76	1.98	21.81	5.21	12.66	7.20	1.26
MOLINASSI	321	Q50	795.18	66.00	18.29	20.27	20.21	20.18	1.84	1.89	21.59	5.26	12.54	6.83	1.24
MOLINASSI	319	Q50	794.76	66.00	15.67	21.32	20.21	16.93	1.16	1.26	21.28	9.24	7.15	6.14	2.73
MOLINASSI	311	Q50	785.33	66.00	15.51	21.28	17.29	16.44	0.89	0.94	20.21	8.60	7.68	8.67	2.92
MOLINASSI	309	Q50	784.91	66.00	14.68	21.28	17.29	15.51	0.82	0.83	20.08	9.48	6.96	8.54	3.35
MOLINASSI	300	Q50	774.24	66.00	14.18	18.13	17.44	17.26	2.88	3.08	17.50	2.20	30.00	10.43	0.41
MOLINASSI	290	Q50	766.36	66.00	13.92	17.57	16.93	16.91	2.70	2.99	17.45	3.27	20.15	7.47	0.64
MOLINASSI	280	Q50	756.22	66.00	13.60	16.66	18.37	16.52	2.80	2.92	17.36	4.05	16.31	5.82	0.77
MOLINASSI	271	Q50	729.51	66.00	13.08	15.61	17.57	16.02	2.70	2.95	17.07	4.53	14.56	5.39	0.88
MOLINASSI	270	Q50	729.01	66.00	13.08	15.61	14.70	15.80	2.48	2.73	17.04	4.93	13.38	5.38	1.00
MOLINASSI	260	Q50	716.78	66.00	12.70	14.96	13.97	14.47	1.67	1.77	16.69	6.60	9.99	5.98	1.63
MOLINASSI	250	Q50	704.65	66.00	12.33	14.54	13.99	14.74	2.22	2.40	16.17	5.30	12.46	5.62	1.14
MOLINASSI	240	Q50	696.64	66.00	12.10	14.22	13.97	14.30	1.99	2.20	15.98	5.74	11.49	5.78	1.30
MOLINASSI	230	Q50	683.95	66.00	11.77	13.66	15.71	13.66	1.66	1.89	15.63	6.23	10.60	6.37	1.54
MOLINASSI	220	Q50	676.36	66.00	11.53	14.00	14.00	13.28	1.62	1.75	15.39	6.43	10.26	6.33	1.61
MOLINASSI	210	Q50	654.40	66.00	10.88	13.35	14.07	12.56	1.53	1.68	14.68	6.45	10.23	6.70	1.67
MOLINASSI	200	Q50	638.20	66.00	10.44	12.96	14.06	13.74	2.98	3.30	14.18	2.94	22.46	7.54	0.54
MOLINASSI	190	Q50	632.21	66.00	10.26	12.59	14.00	13.44	2.89	3.18	14.12	3.66	18.02	6.24	0.69
MOLINASSI	180	Q50	626.26	66.00	10.16	12.60	13.61	13.41	2.94	3.25	14.08	3.63	18.18	6.19	0.68
MOLINASSI	170	Q50	617.19	66.00	9.94	12.31	13.45	12.70	2.47	2.77	13.94	4.93	13.40	5.43	1.00
MOLINASSI	160	Q50	612.28	66.00	9.87	13.15	13.36	11.83	1.74	1.96	13.77	6.17	10.69	6.14	1.49
MOLINASSI	150	Q50	589.50	66.00	9.23	11.52	13.05	10.81	1.49	1.58	13.03	6.59	10.01	6.74	1.73
MOLINASSI	140	Q50	555.36	66.00	8.35	15.50	12.89	10.69	2.23	2.34	11.98	5.03	13.11	5.88	1.08
MOLINASSI	130	Q50	538.04	66.00	7.91	10.81	11.34	9.28	1.25	1.37	11.48	6.58	10.03	8.05	1.88
MOLINASSI	121	Q50	525.82	66.00	7.68	10.69	10.50	9.81	2.06	2.13	10.91	4.65	14.20	6.90	1.03
MOLINASSI	119	Q50	525.60	66.00	6.69	10.69	10.50	8.26	1.37	1.57	10.77	7.01	9.42	6.87	1.91
MOLINASSI	110	Q50	495.70	66.00	5.72	8.82	8.32	9.22	3.40	3.50	9.72	3.13	21.09	6.20	0.54
MOLINASSI	100	Q50	482.84	66.00	5.27	8.28	8.55	9.21	3.61	3.94	9.64	2.92	22.64	6.26	0.49
MOLINASSI	90.1	Q50	446.82	66.00	4.39	7.44	8.10	9.33	4.71	4.93	9.51	1.92	34.32	7.28	0.28
MOLINASSI	90	Q50	445.82	66.00	4.39	6.65	6.65	9.22	3.81	4.82	9.50	2.38	27.77	7.28	0.35
MOLINASSI	84	Q50	421.64	66.00	3.57	6.65	6.65	9.20	4.45	5.63	9.41	2.04	32.43	7.28	0.27
MOLINASSI	80	Q50	420.64	66.00	3.56	4.51	4.62	7.25		3.70	9.23	6.22	10.61		1.03
MOLINASSI	70	Q50	328.80	66.00	2.14	3.08	3.03	7.37	3.95	5.23	7.78	2.84	23.23	5.88	0.40
MOLINASSI	60	Q50	203.27	66.00	1.46	2.18	2.14	6.23	2.97	4.76	6.87	3.55	18.59	6.25	0.52
MOLINASSI	50	Q50	106.71	66.00	1.31	1.97	1.68	4.36		3.05	5.56	4.85	13.60		0.89
MOLINASSI	40	Q50	84.42	66.00	0.93	10.49	3.75	4.67	2.90	3.74	5.18	3.18	20.78	7.17	0.60
MOLINASSI	30	Q50	41.25	66.00	0.71	7.31	4.00	3.82	2.53	3.12	4.85	4.50	14.67	5.79	0.90
MOLINASSI	20	Q50	23.83	66.00	0.58	4.85	2.07	3.86	2.87	3.28	4.62	3.87	17.04	5.94	0.73
MOLINASSI	19.5		Bridge												
MOLINASSI	19	Q50	16.23	66.00	0.58	4.85	2.07	3.31	2.33	2.73	4.48	4.78	13.81	5.93	1.00
MOLINASSI	10	Q50		66.00	-0.13	3.45	4.15	1.33	1.08	1.46	3.96	7.19	9.18	8.50	2.21

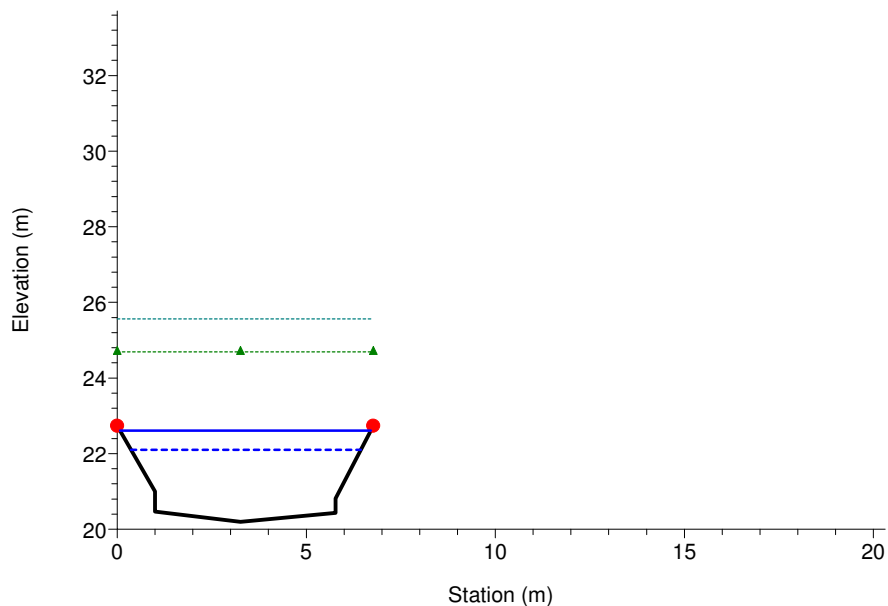
MOLINASSI Plan: stato-attuale-ok
RS = 371



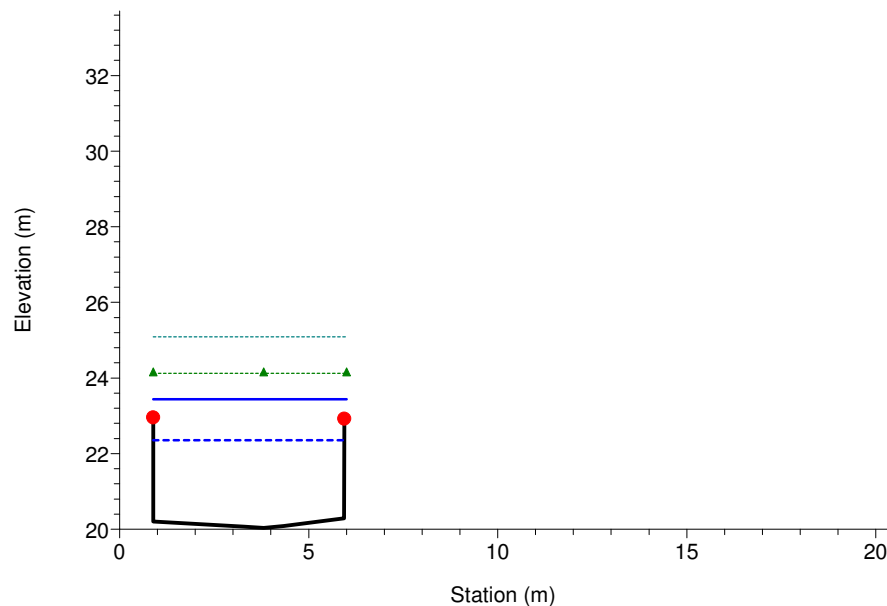
MOLINASSI Plan: stato-attuale-ok
RS = 370.5 BR



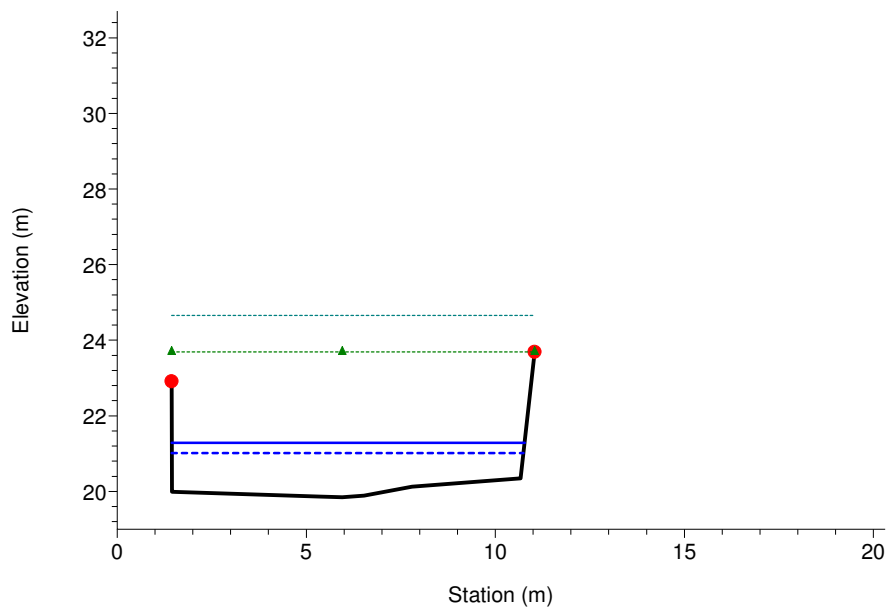
MOLINASSI Plan: stato-attuale-ok
RS = 370



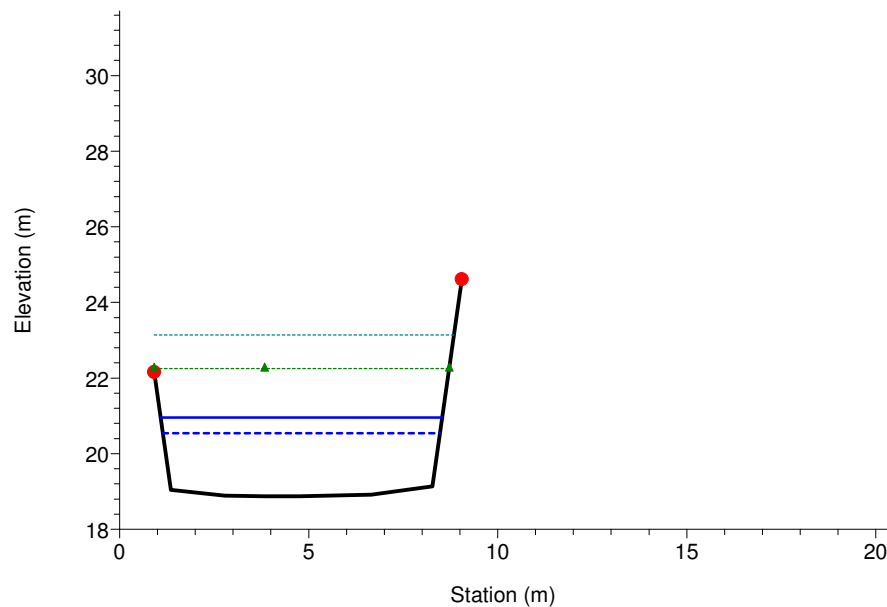
MOLINASSI Plan: stato-attuale-ok
RS = 360



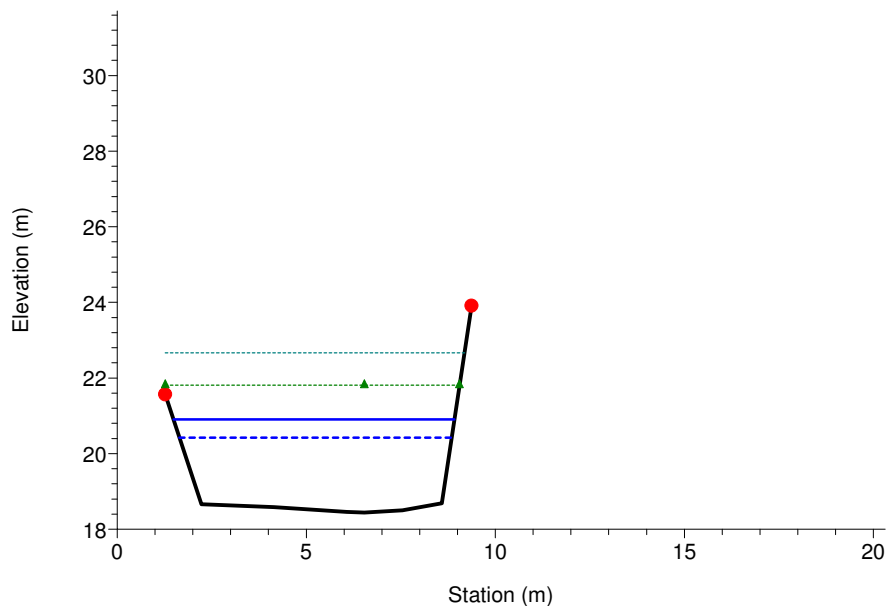
MOLINASSI Plan: stato-attuale-ok
RS = 350 s 350



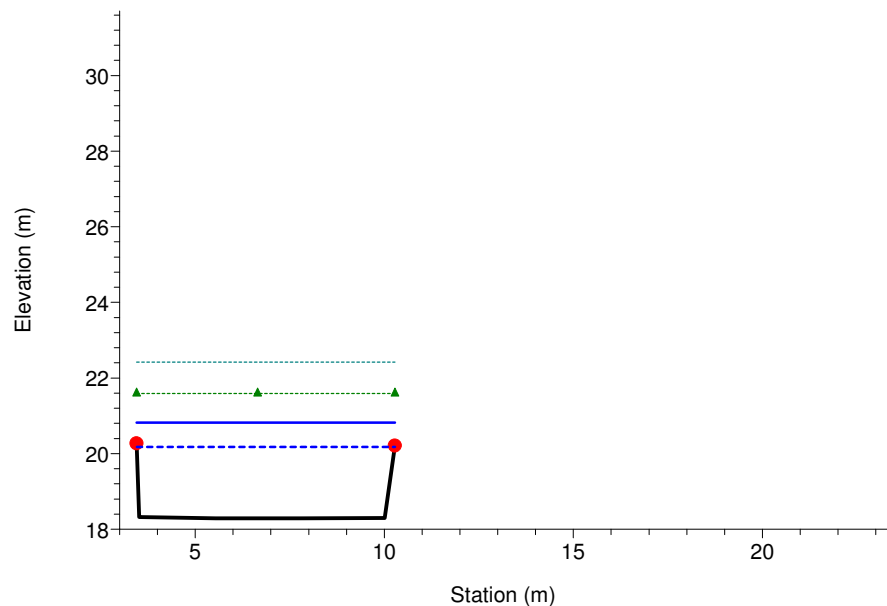
MOLINASSI Plan: stato-attuale-ok
RS = 340



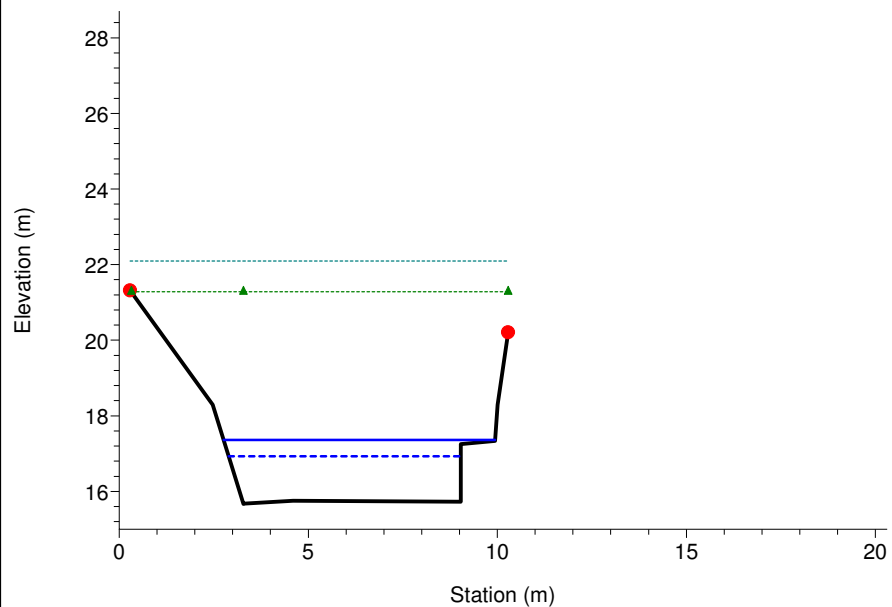
MOLINASSI Plan: stato-attuale-ok
RS = 330



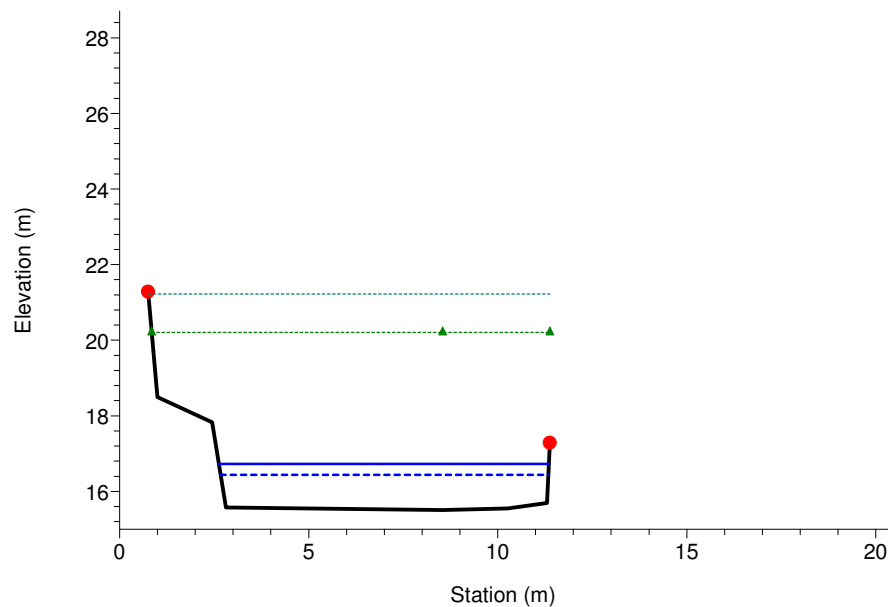
MOLINASSI Plan: stato-attuale-ok
RS = 321



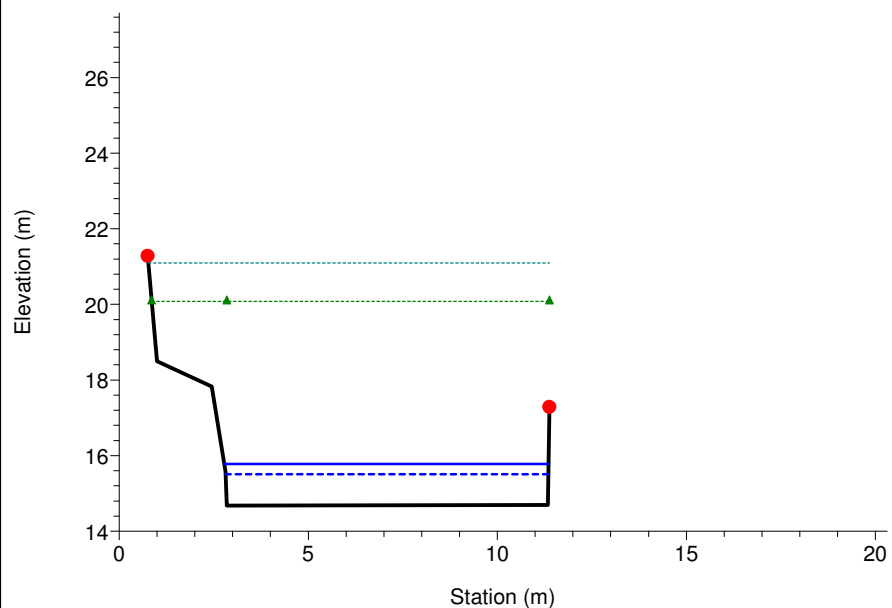
MOLINASSI Plan: stato-attuale-ok
RS = 319



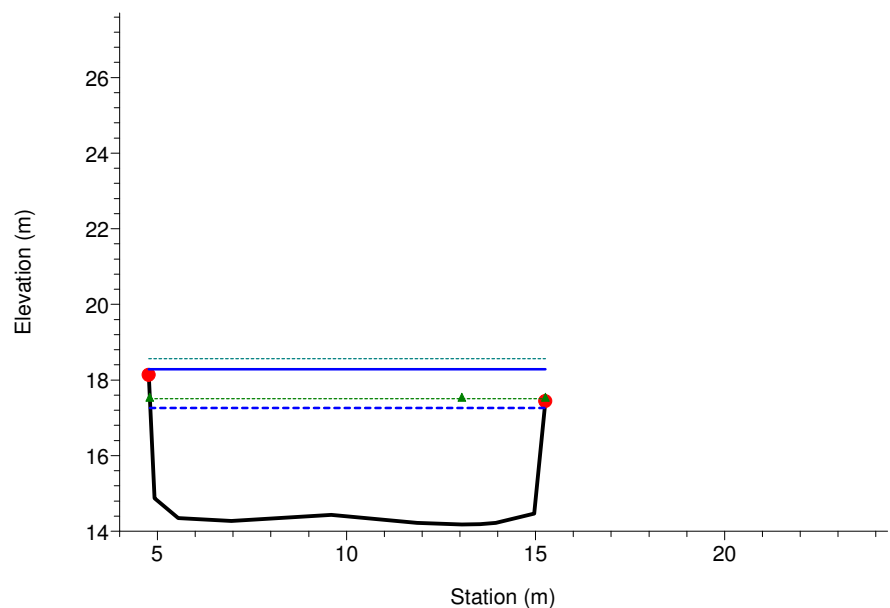
MOLINASSI Plan: stato-attuale-ok
RS = 311



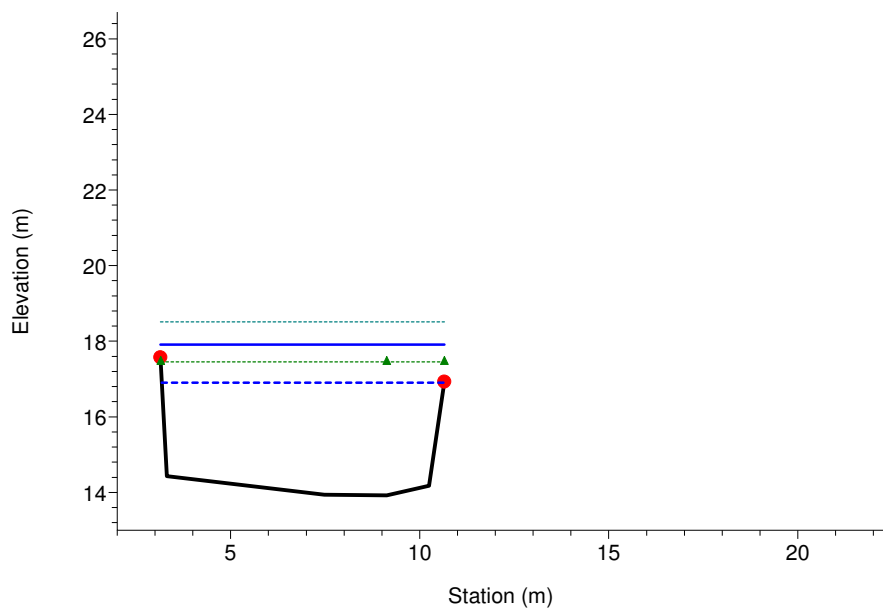
MOLINASSI Plan: stato-attuale-ok
RS = 309



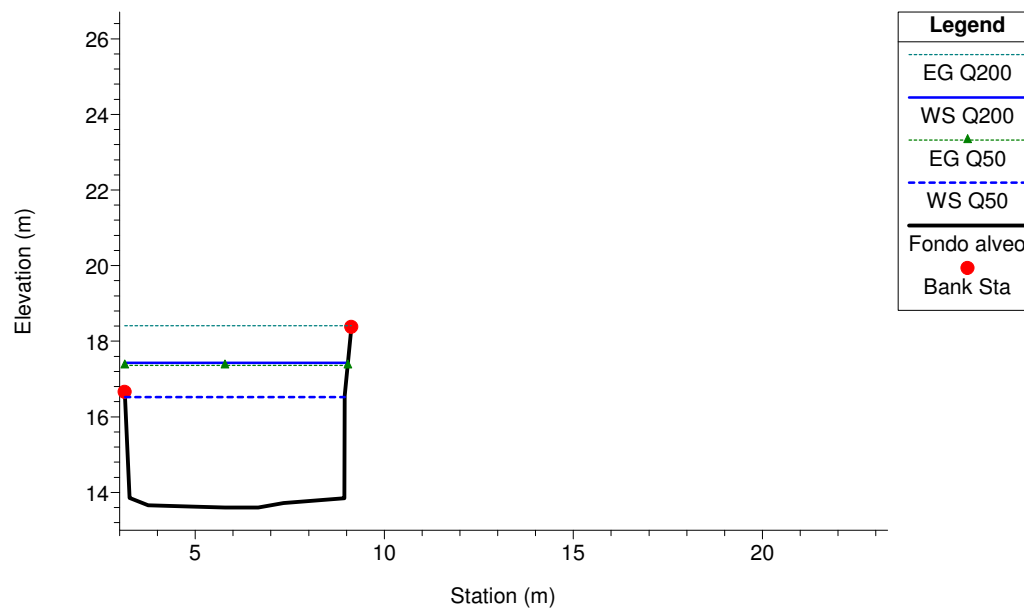
MOLINASSI Plan: stato-attuale-ok
RS = 300



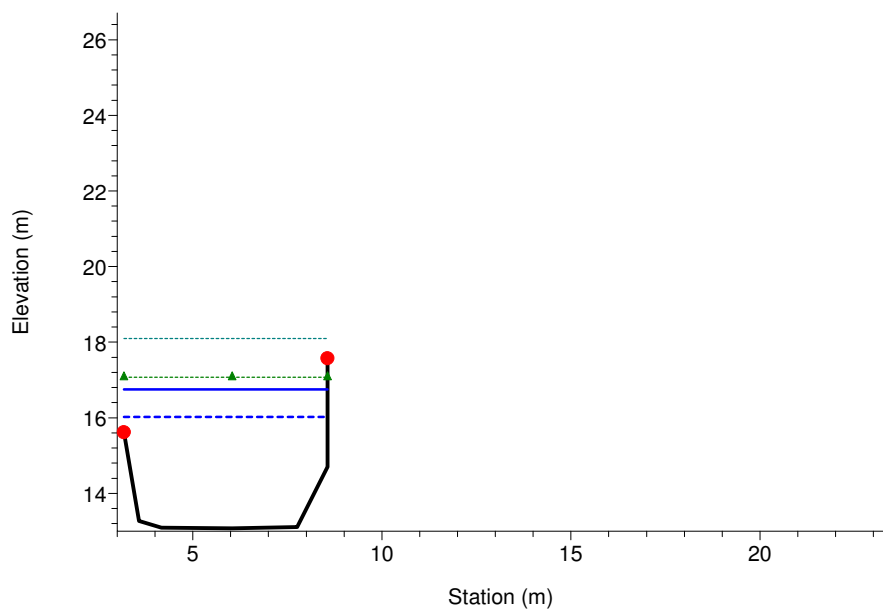
MOLINASSI Plan: stato-attuale-ok
RS = 290



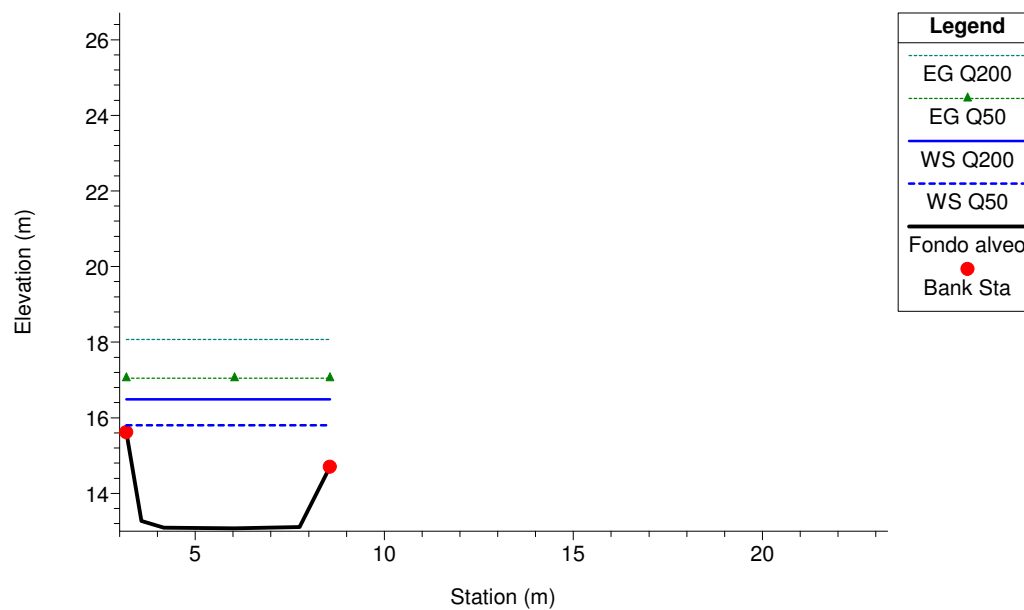
MOLINASSI Plan: stato-attuale-ok
RS = 280



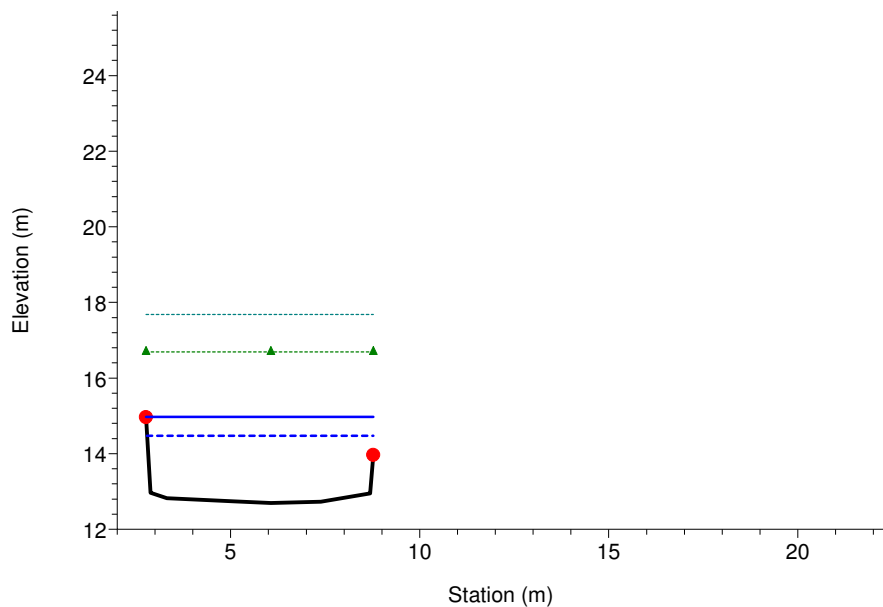
MOLINASSI Plan: stato-attuale-ok
RS = 271



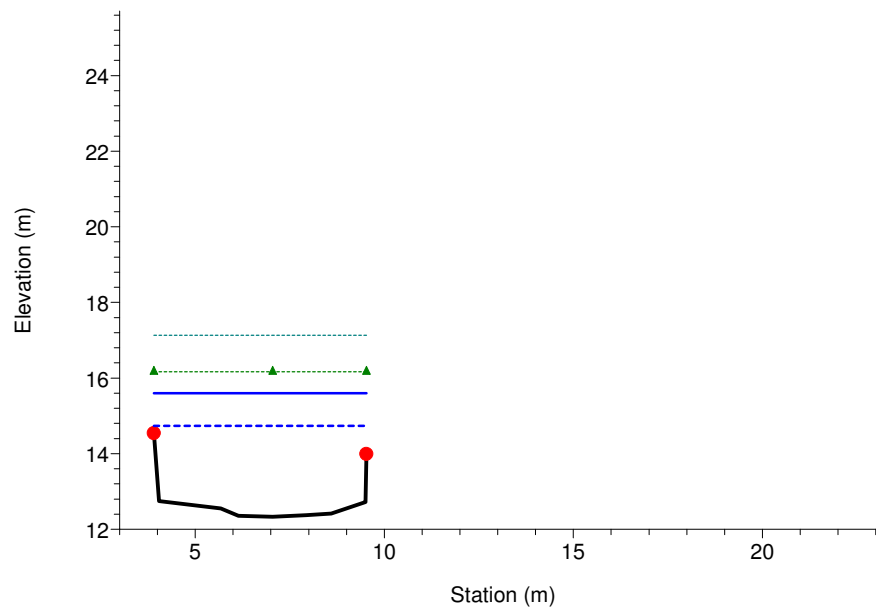
MOLINASSI Plan: stato-attuale-ok
RS = 270



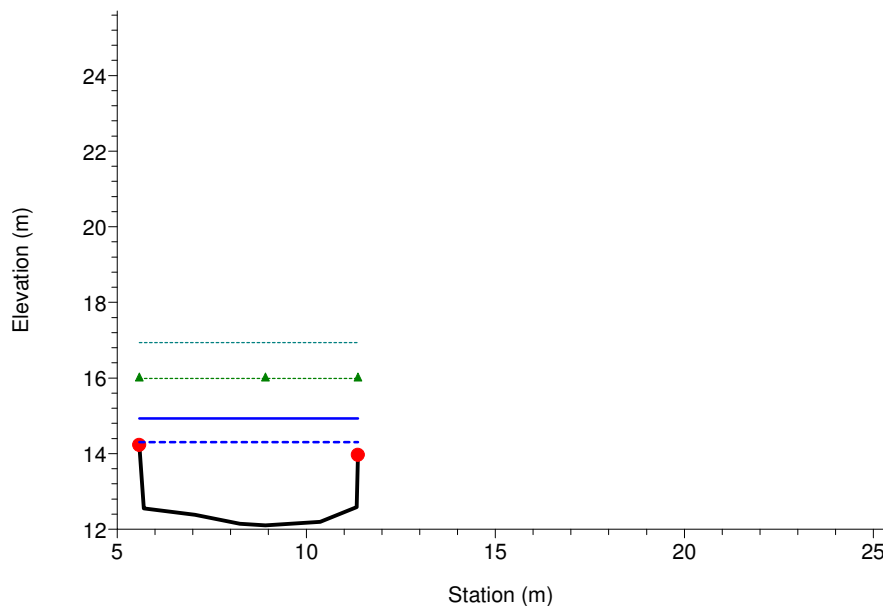
MOLINASSI Plan: stato-attuale-ok
RS = 260



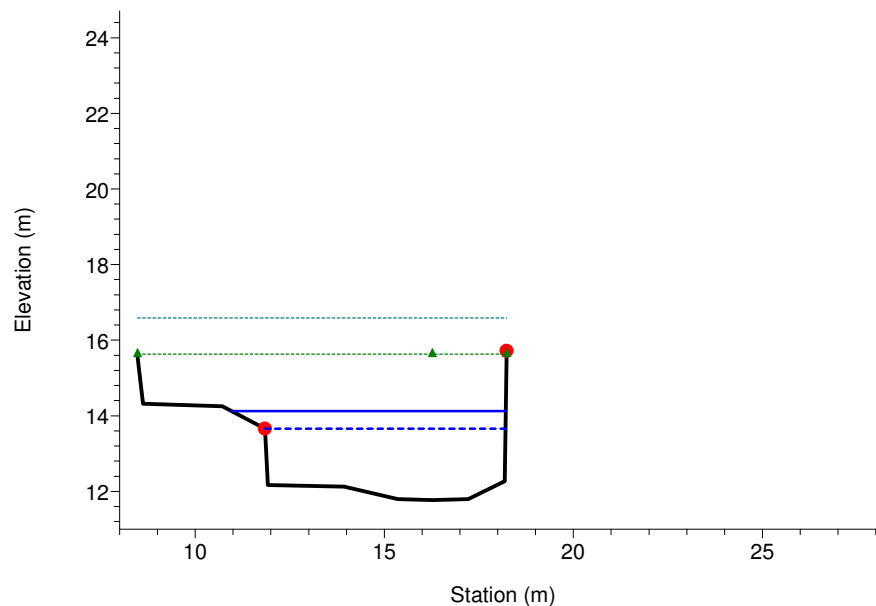
MOLINASSI Plan: stato-attuale-ok
RS = 250

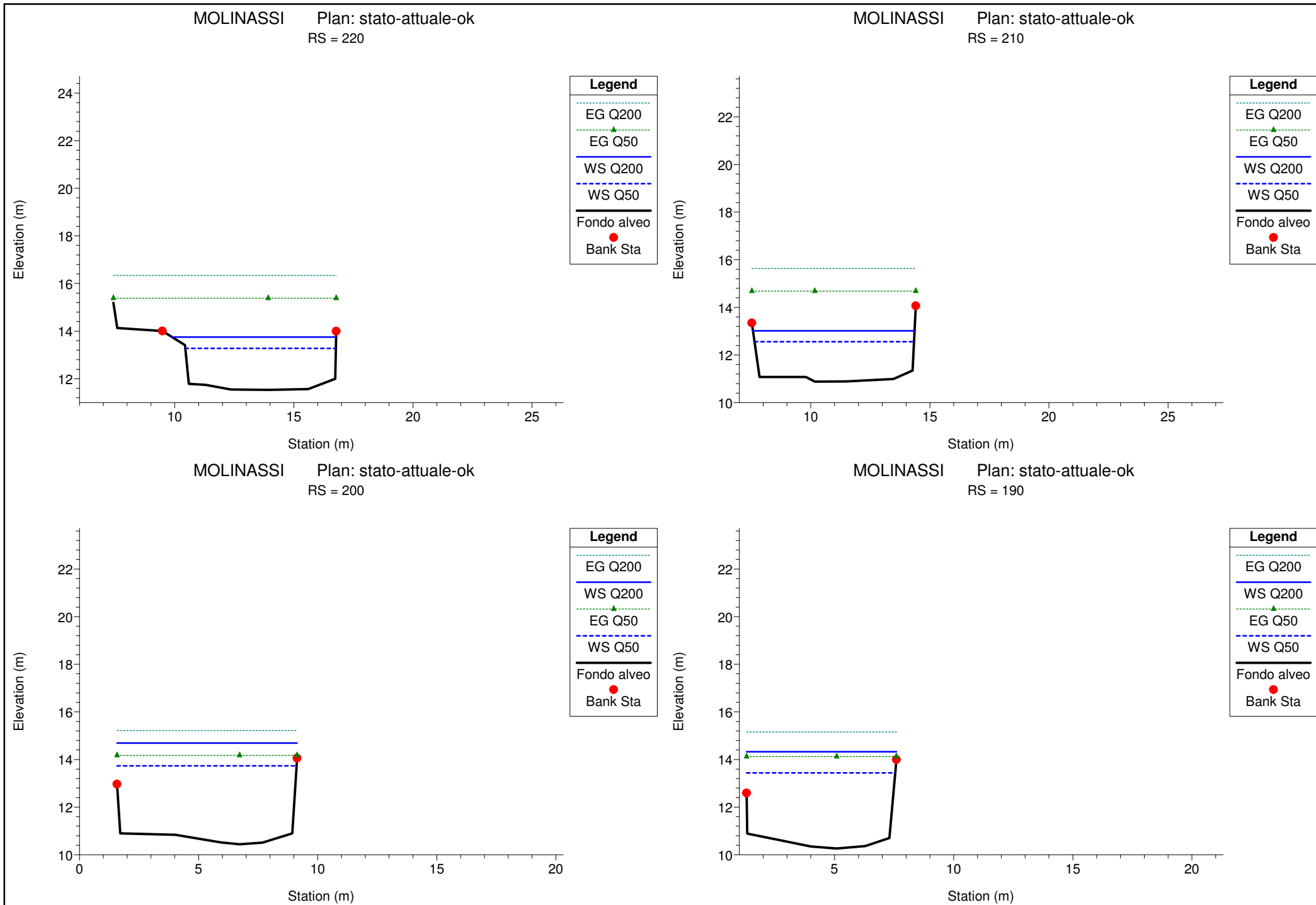


MOLINASSI Plan: stato-attuale-ok
RS = 240



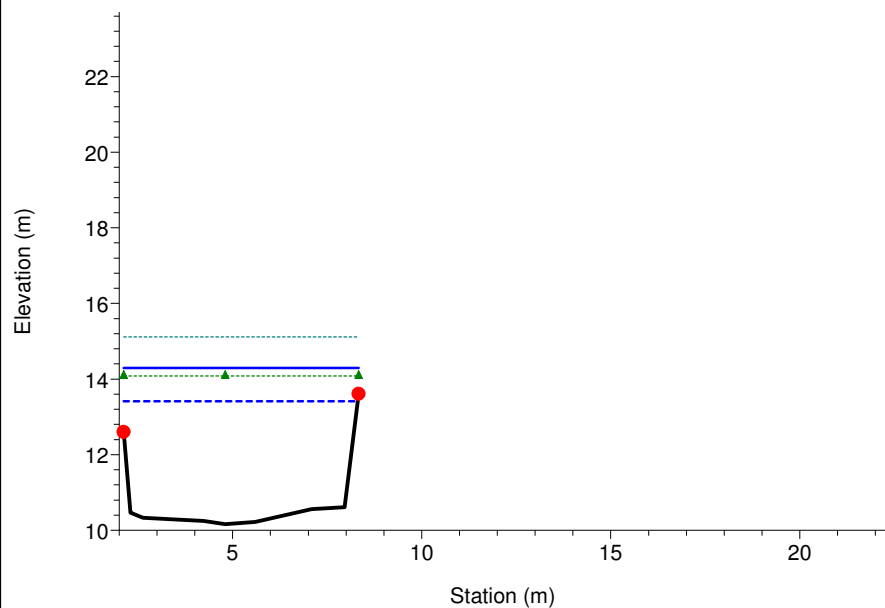
MOLINASSI Plan: stato-attuale-ok
RS = 230



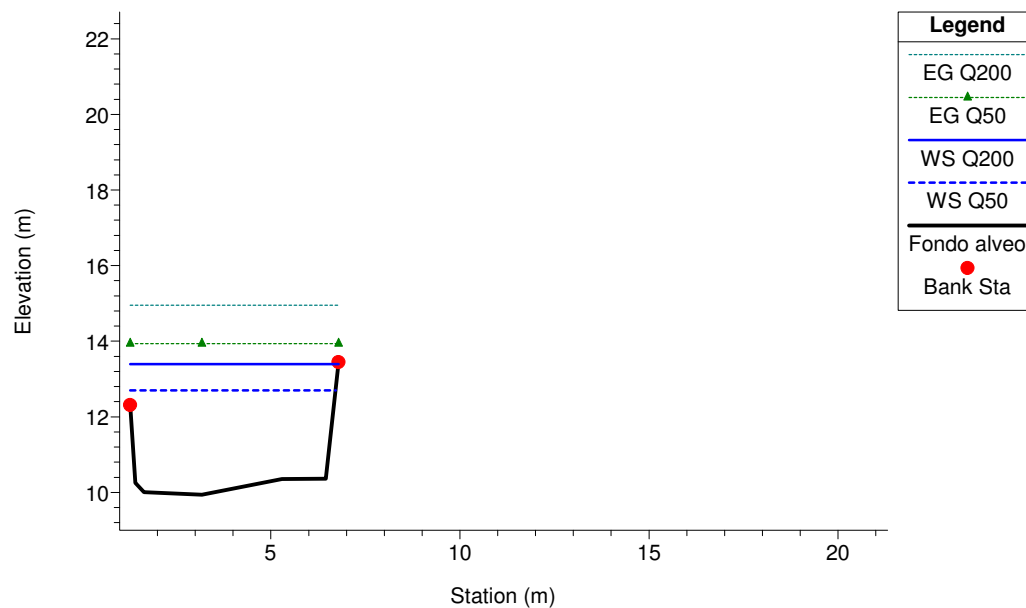


1 cm Horiz. = 2 m 1 cm Vert. = 2 m

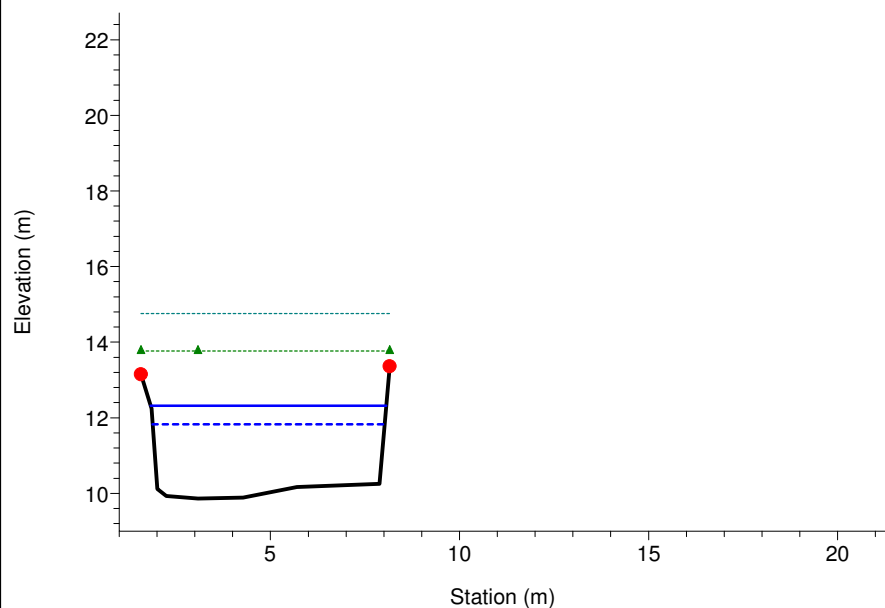
MOLINASSI Plan: stato-attuale-ok
RS = 180



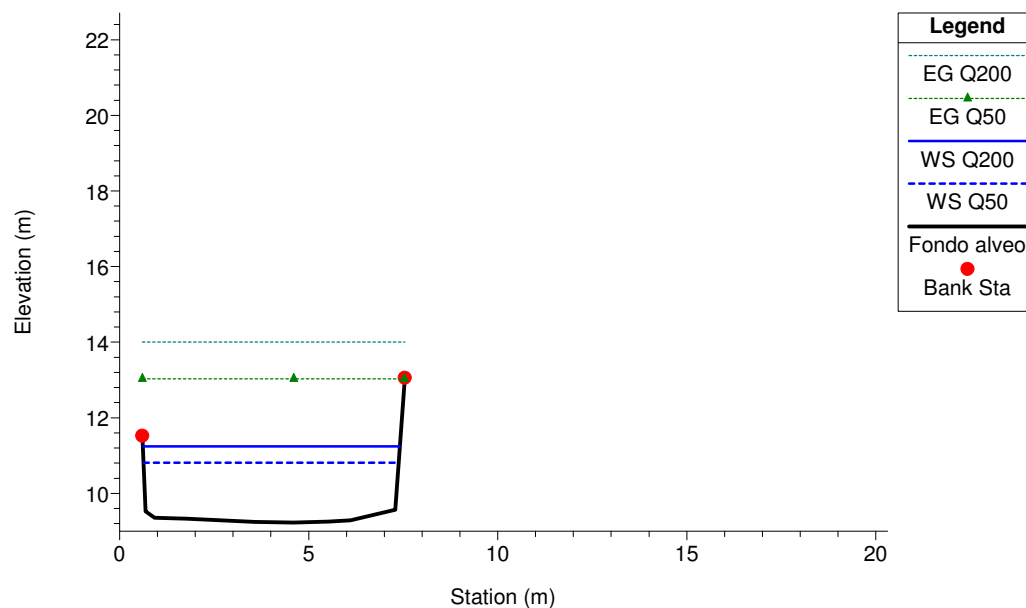
MOLINASSI Plan: stato-attuale-ok
RS = 170



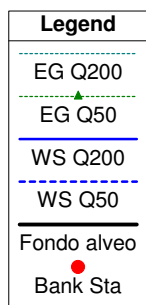
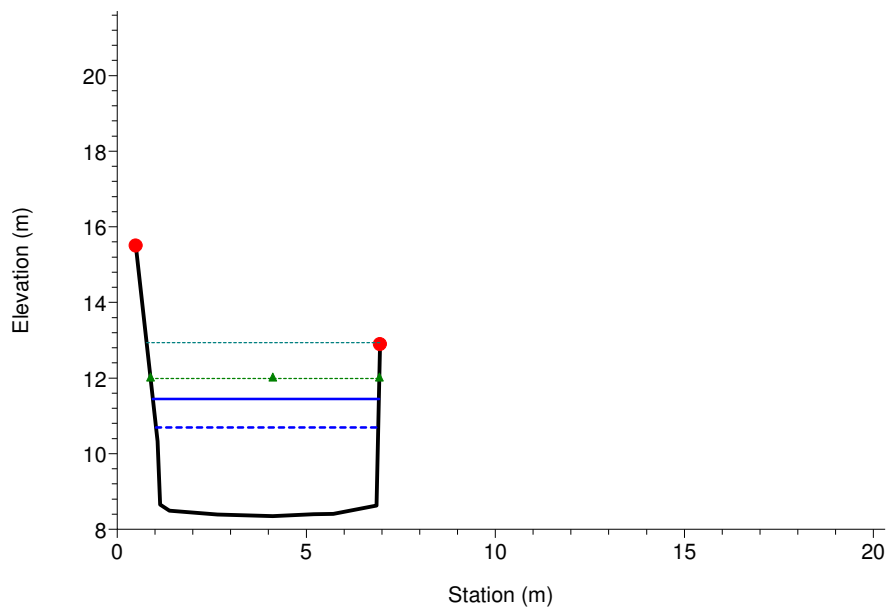
MOLINASSI Plan: stato-attuale-ok
RS = 160



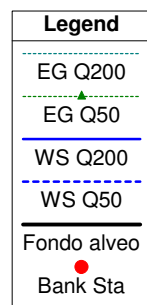
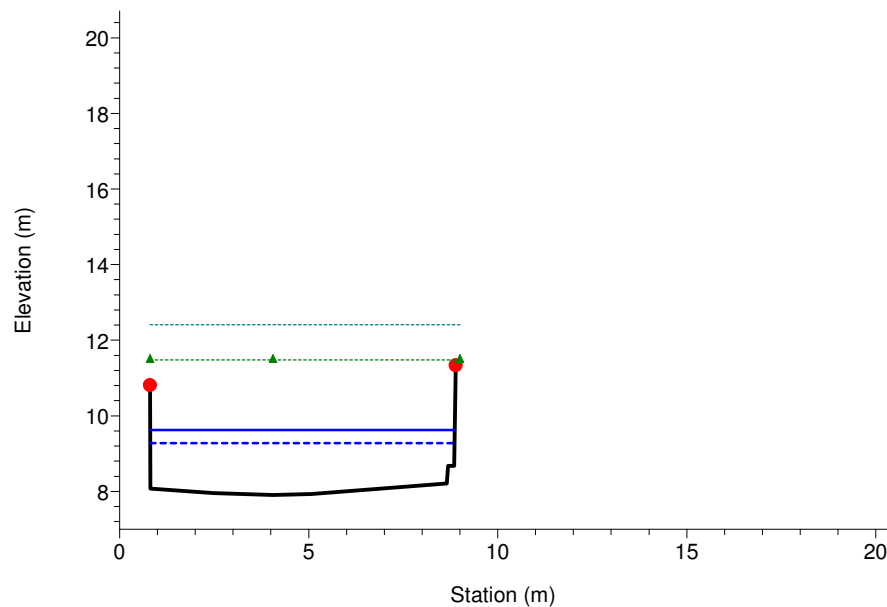
MOLINASSI Plan: stato-attuale-ok
RS = 150



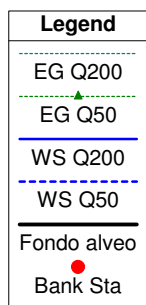
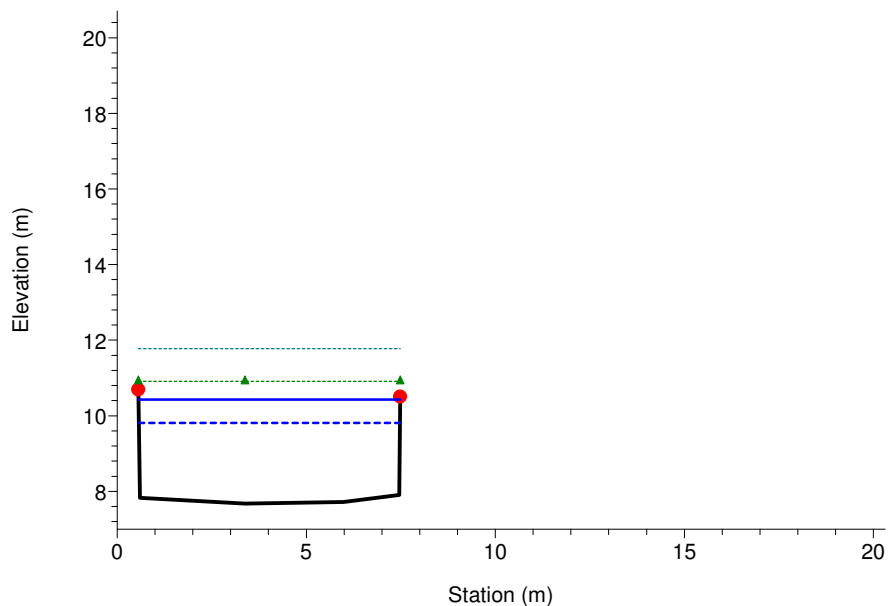
MOLINASSI Plan: stato-attuale-ok
RS = 140



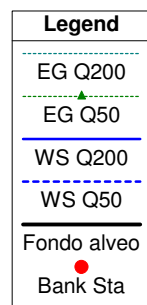
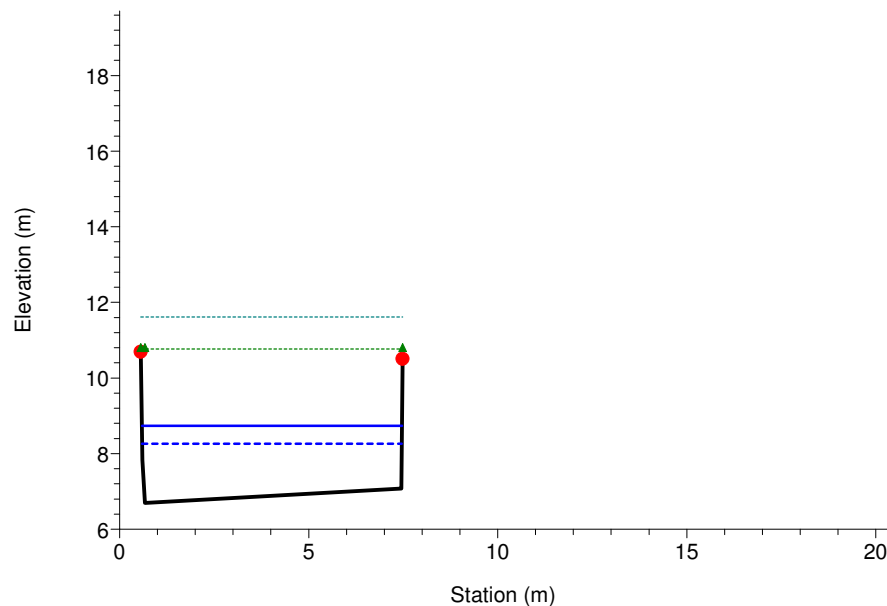
MOLINASSI Plan: stato-attuale-ok
RS = 130

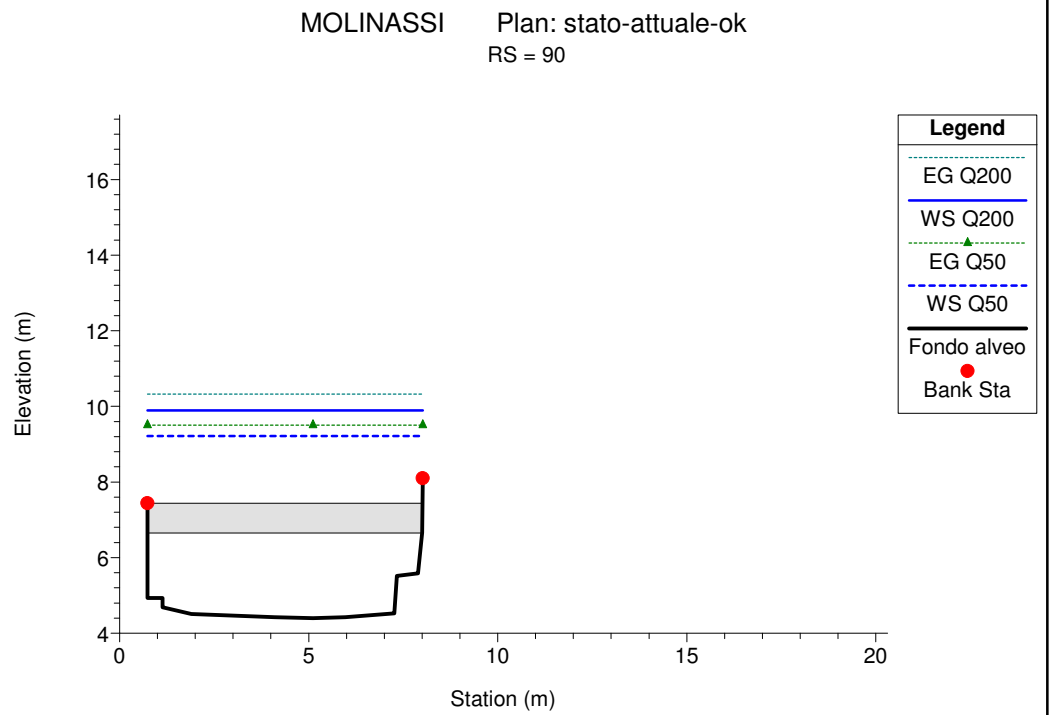
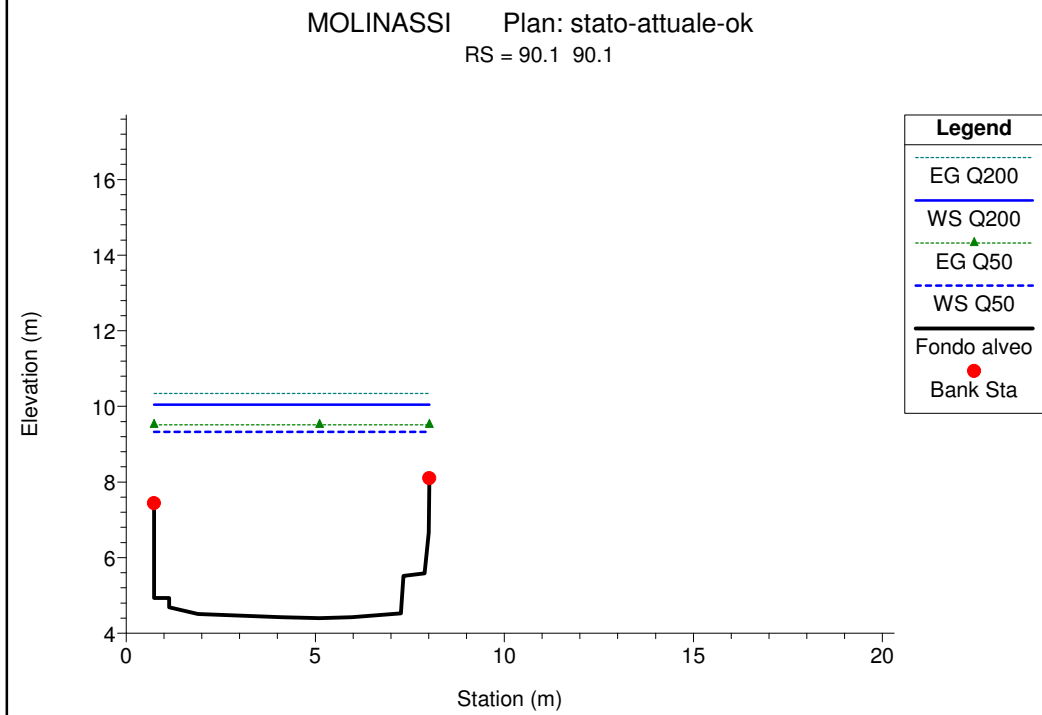
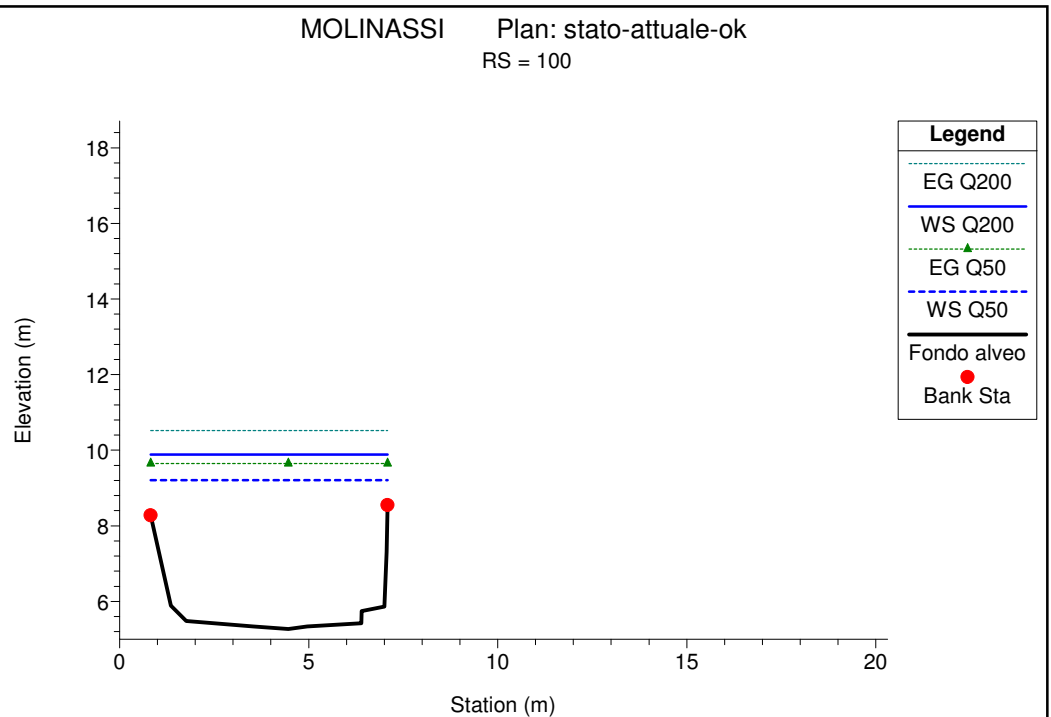
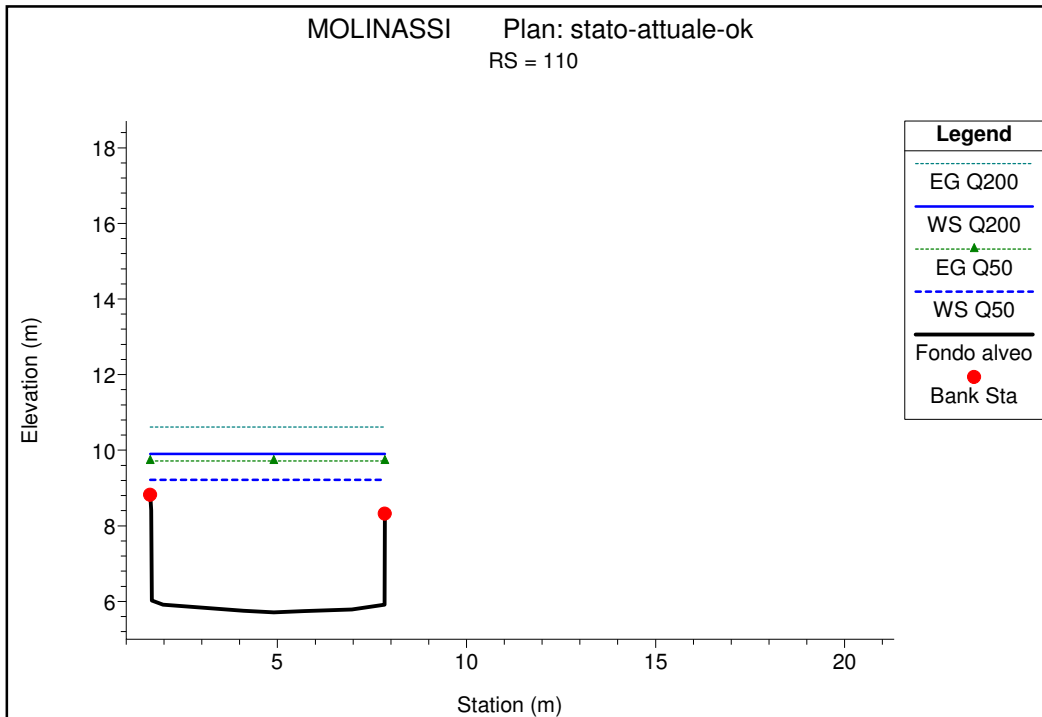


MOLINASSI Plan: stato-attuale-ok
RS = 121 120m



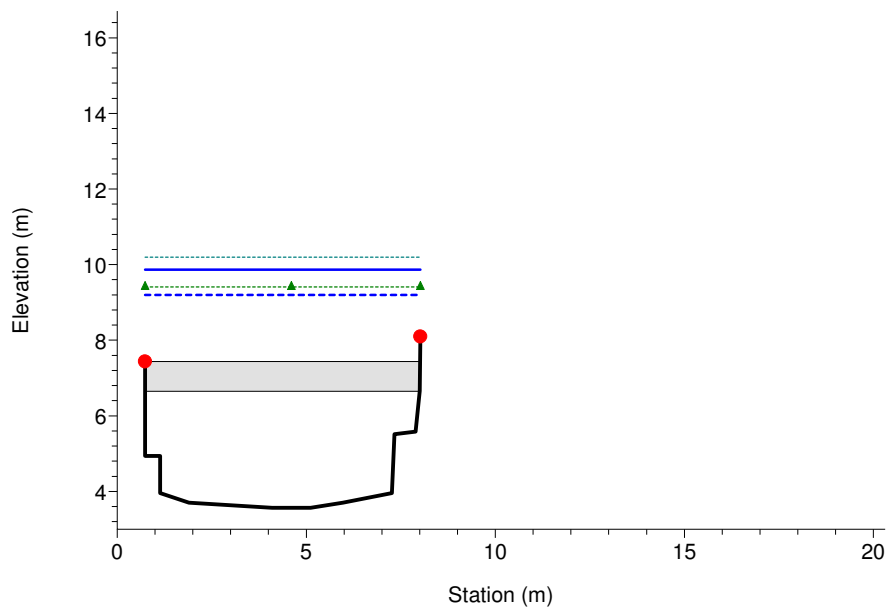
MOLINASSI Plan: stato-attuale-ok
RS = 119 120v



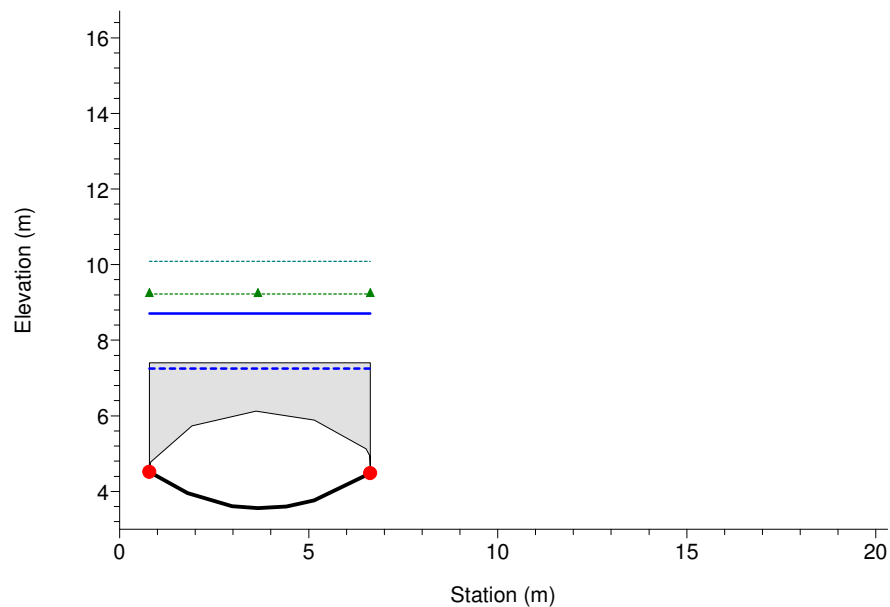


1 cm Horiz. = 2 m 1 cm Vert. = 2 m

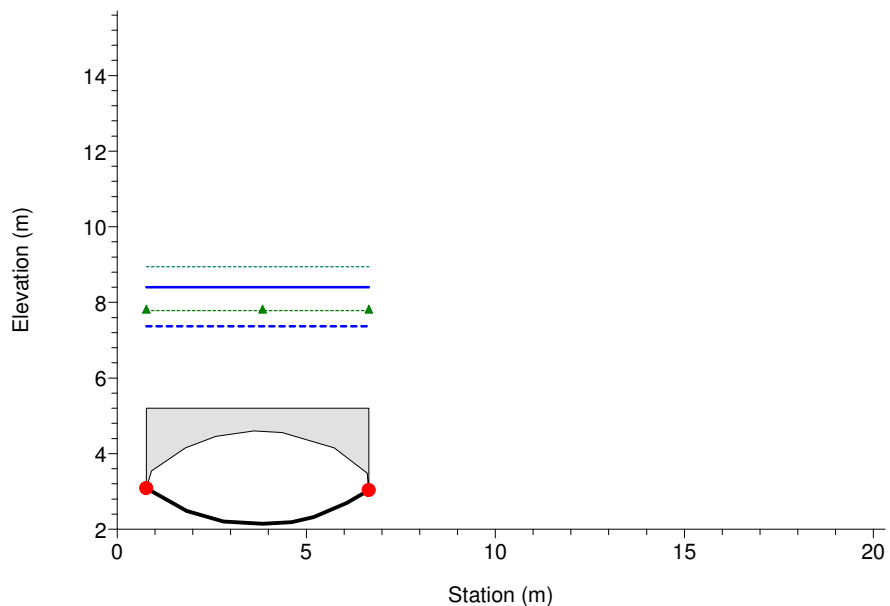
MOLINASSI Plan: stato-attuale-ok
RS = 84



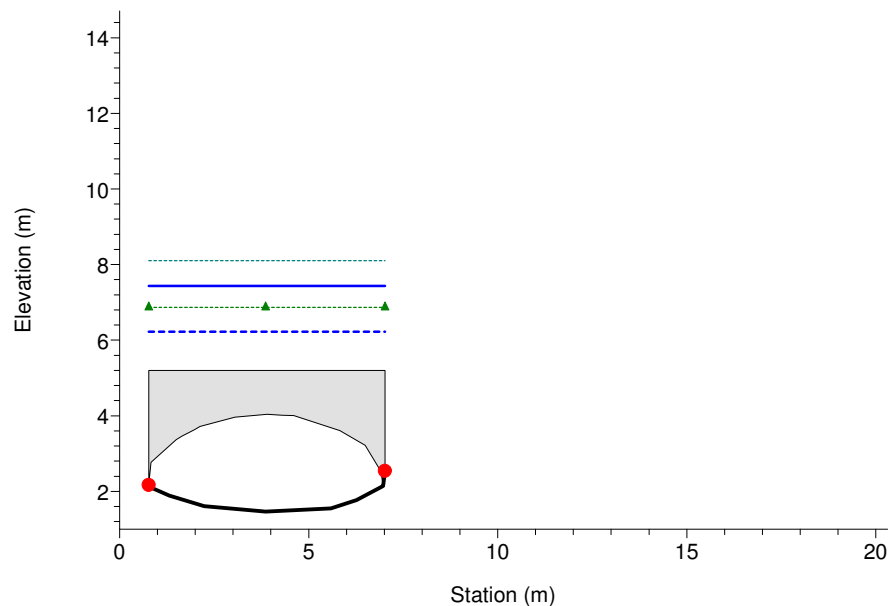
MOLINASSI Plan: stato-attuale-ok
RS = 80



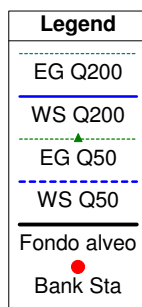
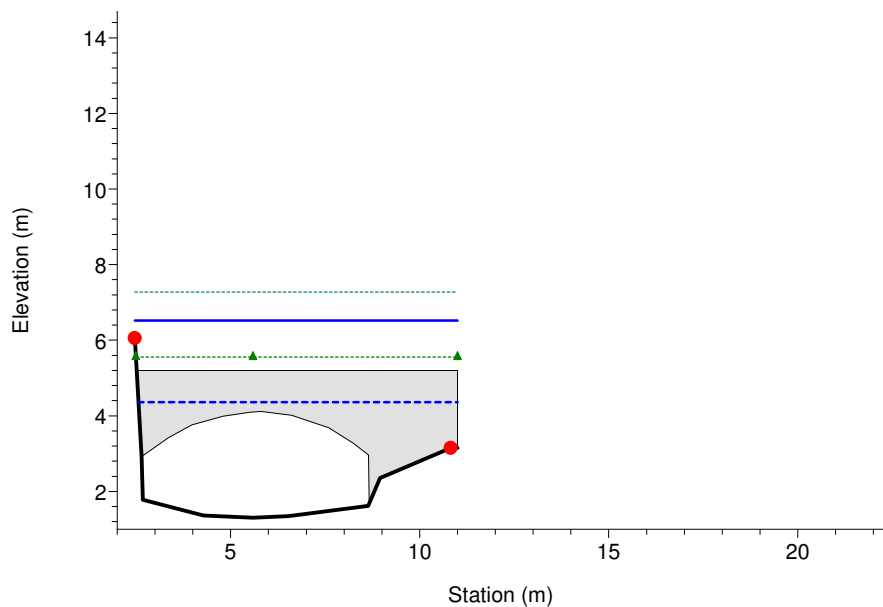
MOLINASSI Plan: stato-attuale-ok
RS = 70



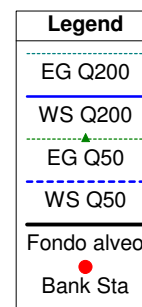
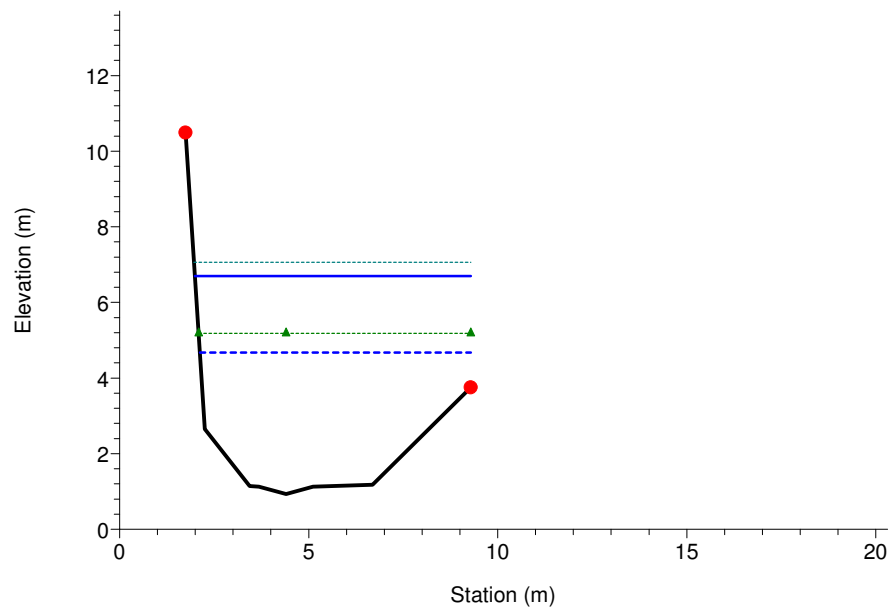
MOLINASSI Plan: stato-attuale-ok
RS = 60



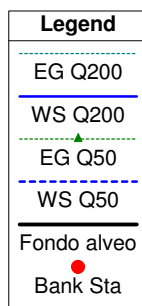
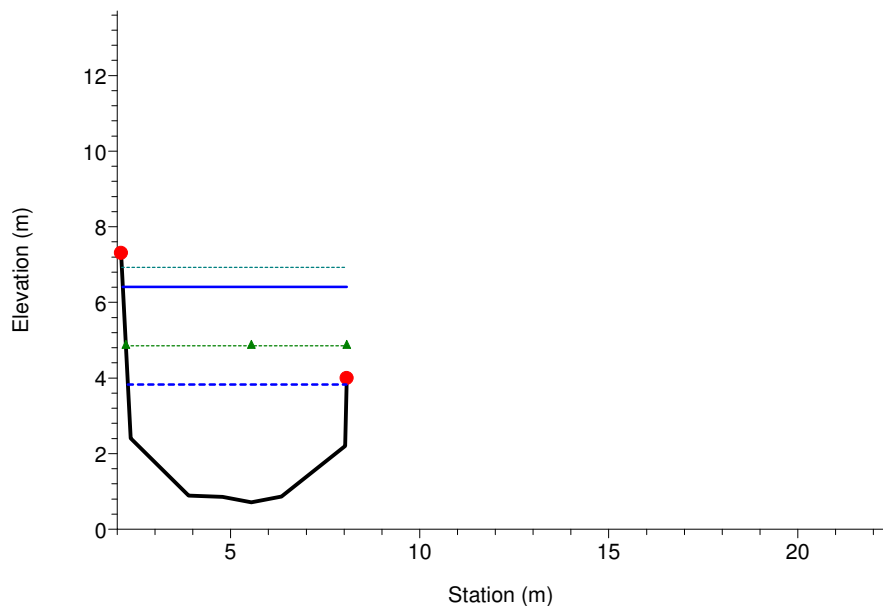
MOLINASSI Plan: stato-attuale-ok
RS = 50



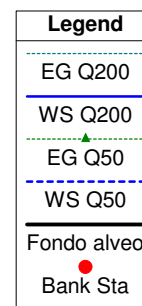
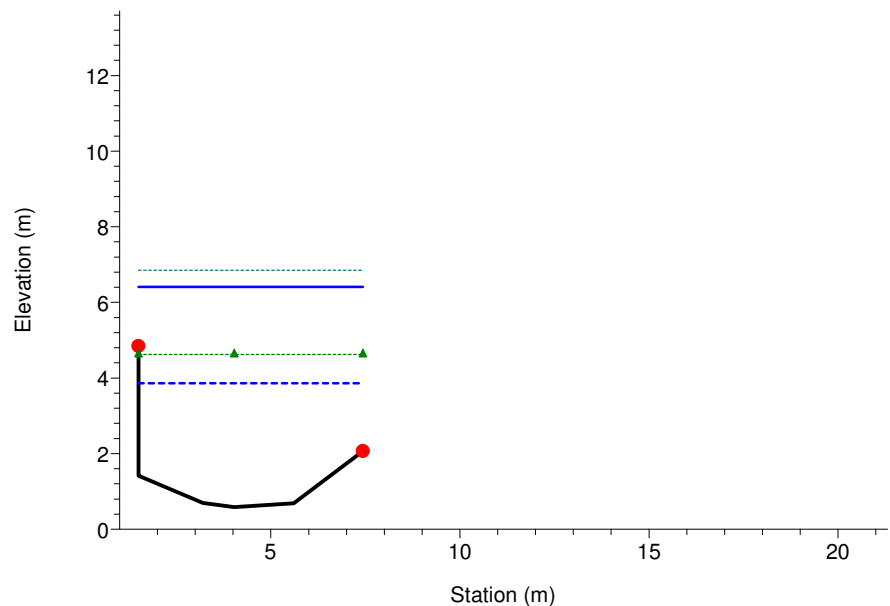
MOLINASSI Plan: stato-attuale-ok
RS = 40



MOLINASSI Plan: stato-attuale-ok
RS = 30

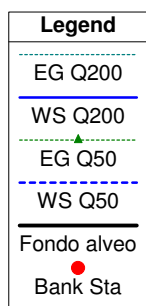
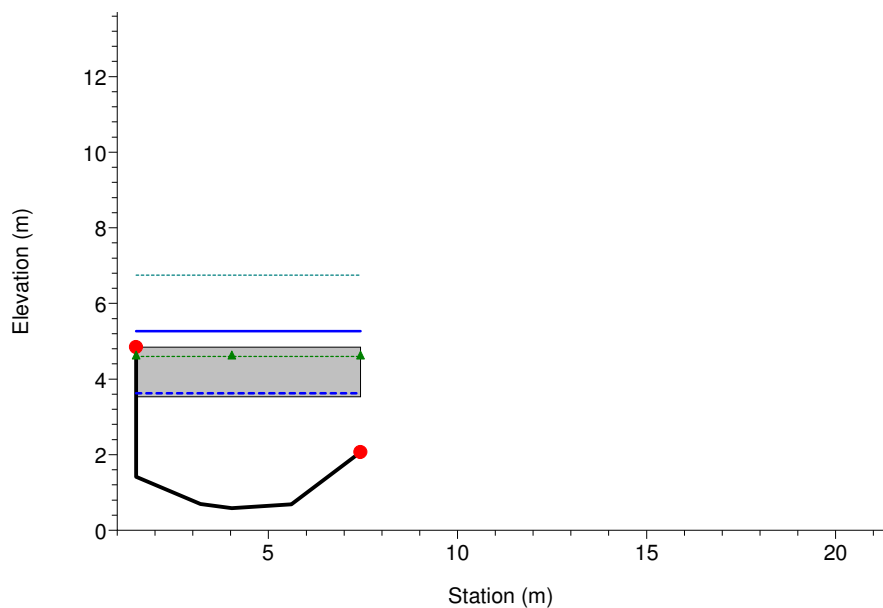


MOLINASSI Plan: stato-attuale-ok
RS = 20



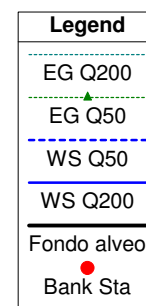
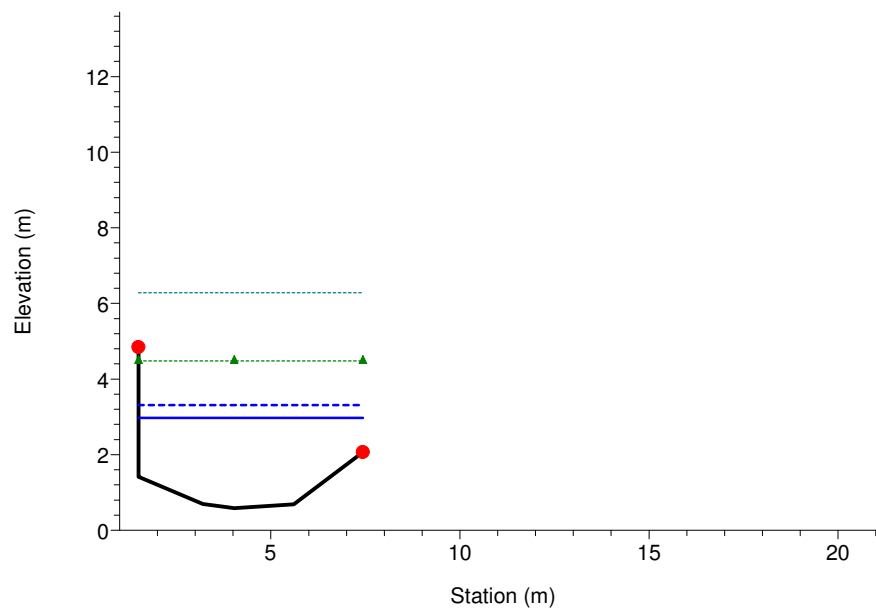
MOLINASSI Plan: stato-attuale-ok

RS = 19.5 BR



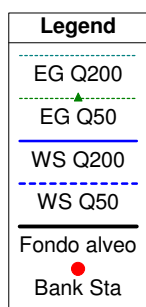
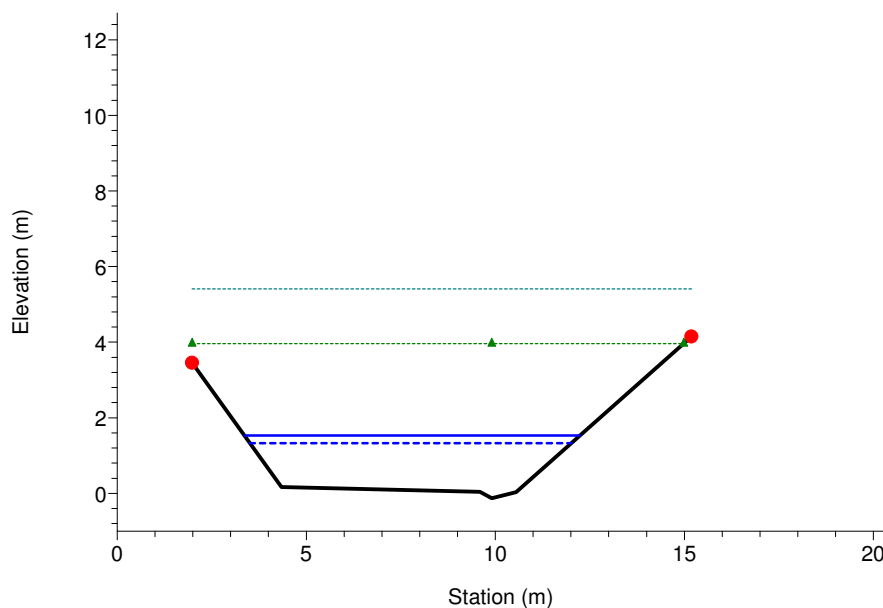
MOLINASSI Plan: stato-attuale-ok

RS = 19

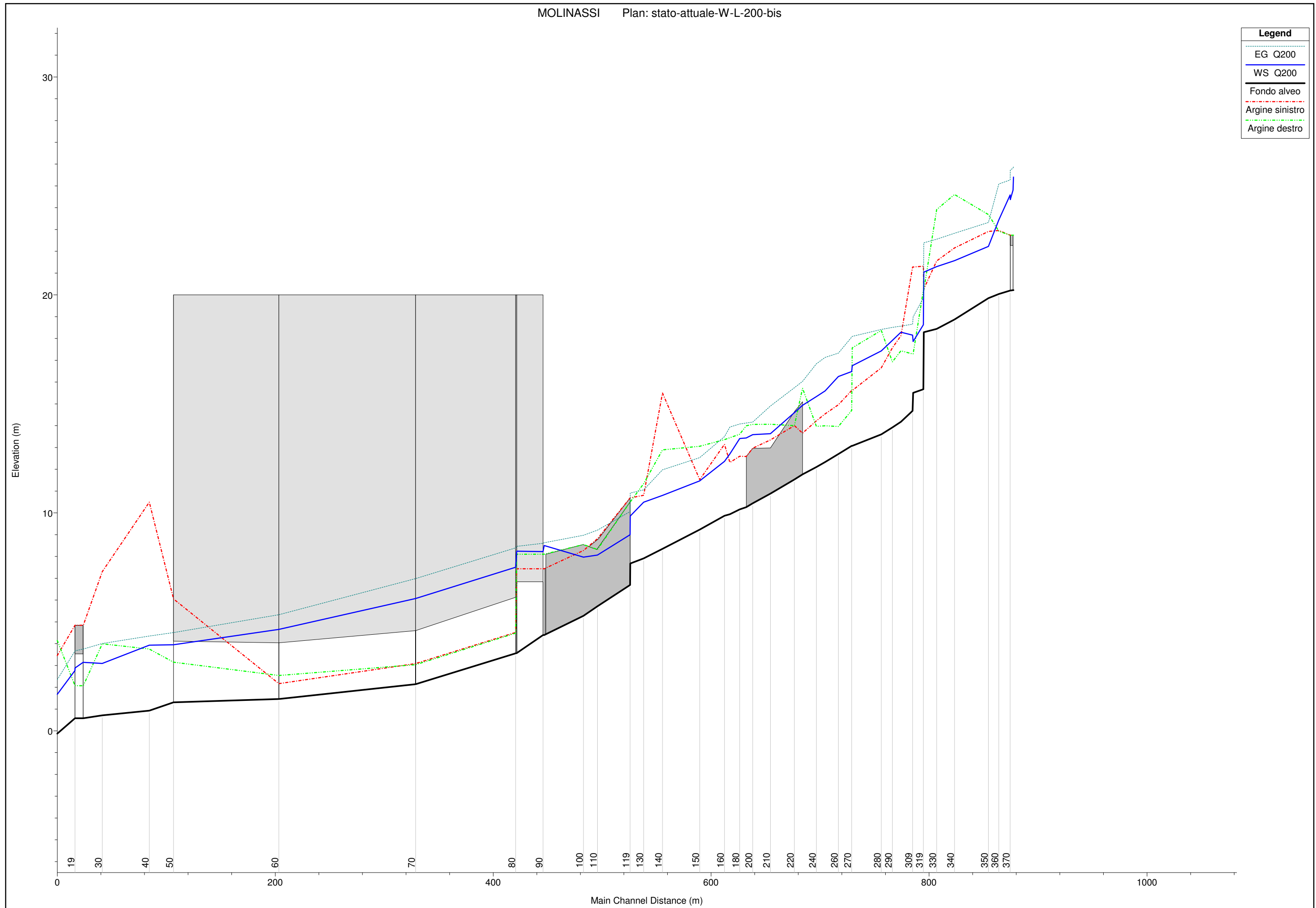


MOLINASSI Plan: stato-attuale-ok

RS = 10



MOLINASSI Plan: stato-attuale-W-L-200-bis



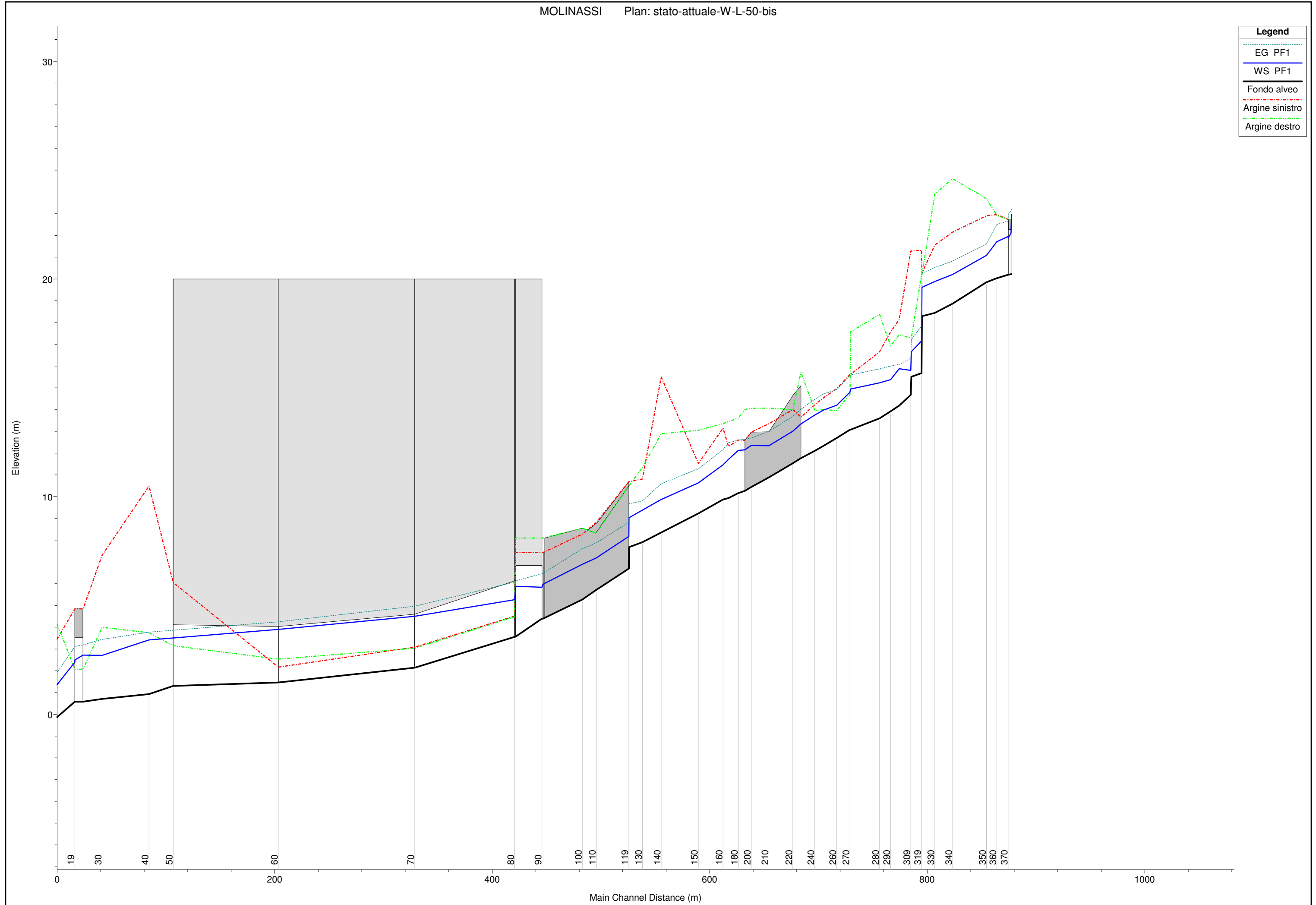
Legend	
EG Q200	(Dotted blue line)
WS Q200	(Solid blue line)
Fondo alveo	(Solid black line)
Argine sinistro	(Dashed red line)
Argine destro	(Dotted green line)

1 cm Horiz. = 30 m 1 cm Vert. = 1.5 m

HEC-RAS Plan: 200-wl-bis River: MOLINASSI Reach: MOLINASSI Profile: Q200

Reach	River Sta	Profile	Q US (m3/s)	Q Leaving Total (m3/s)	Q DS (m3/s)	Q Weir (m3/s)	Q Gates (m3/s)	Wr Top Width (m)	Weir Max Depth (m)	Weir Avg Depth (m)	Min El Weir Flow (m)	E.G. US. (m)	W.S. US. (m)	E.G. DS (m)	W.S. DS (m)
MOLINASSI	229.9991	Q200	95.00	28.96	66.04	28.96		45.21	0.85	0.50	12.59	16.03	14.93	14.12	13.44
MOLINASSI	110.9992	Q200	66.04	2.20	44.34	2.20		13.92	0.38	0.19	8.10	10.06	9.00	8.64	8.48
MOLINASSI	110.9991	Q200	66.04	19.51	44.34	19.51		26.93	1.06	0.53	7.44	10.06	9.00	8.64	8.50

MOLINASSI Plan: stato-attuale-W-L-50-bis



1 cm Horiz. = 30 m 1 cm Vert. = 1.5 m

HEC-RAS Plan: 50-wl-bis River: MOLINASSI Reach: MOLINASSI Profile: PF 7

Reach	River Sta	Profile	Q US (m3/s)	Q Leaving Total (m3/s)	Q DS (m3/s)	Q Weir (m3/s)	Q Gates (m3/s)	Wr Top Width (m)	Weir Max Depth (m)	Weir Avg Depth (m)	Min El Weir Flow (m)	E.G. US. (m)	W.S. US. (m)	E.G. DS (m)	W.S. DS (m)
MOLINASSI	229.9991	PF 7	65.72	8.22	57.50	8.22		28.79	0.56	0.29	12.59	15.29	14.21	13.79	13.15
MOLINASSI	110.9992	PF 7	57.50	0.48	43.56	0.48		8.38	0.20	0.10	8.10	9.78	8.81	8.46	8.30
MOLINASSI	110.9991	PF 7	57.50	13.34	43.56	13.34		24.81	0.87	0.43	7.44	9.78	8.81	8.45	8.31