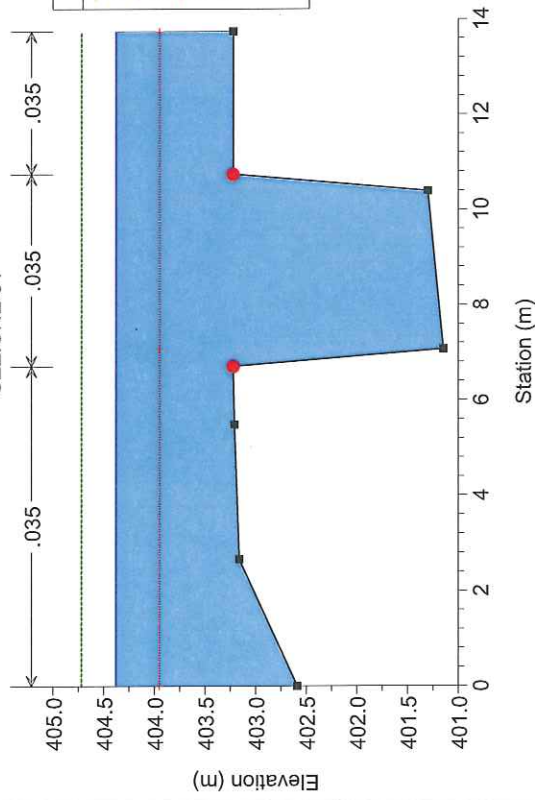
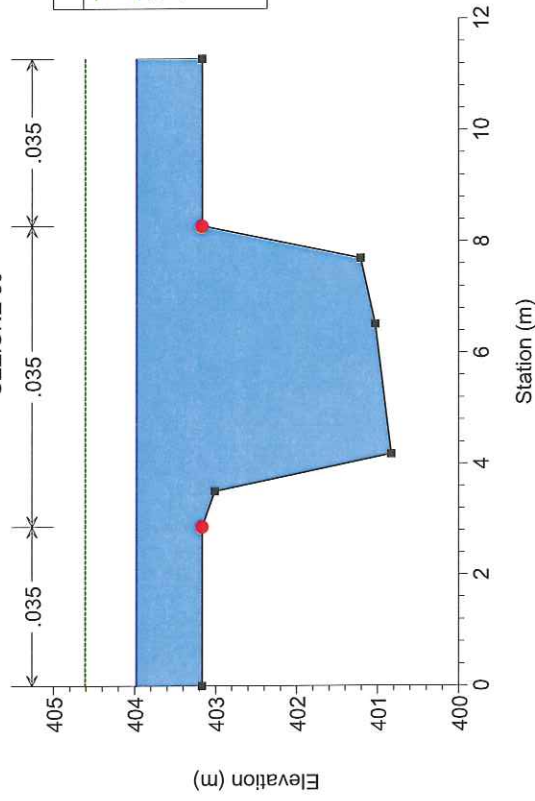


*ALL.3 – SIMULAZIONI NUMERICHE IN MOTO
PERMANENTE*

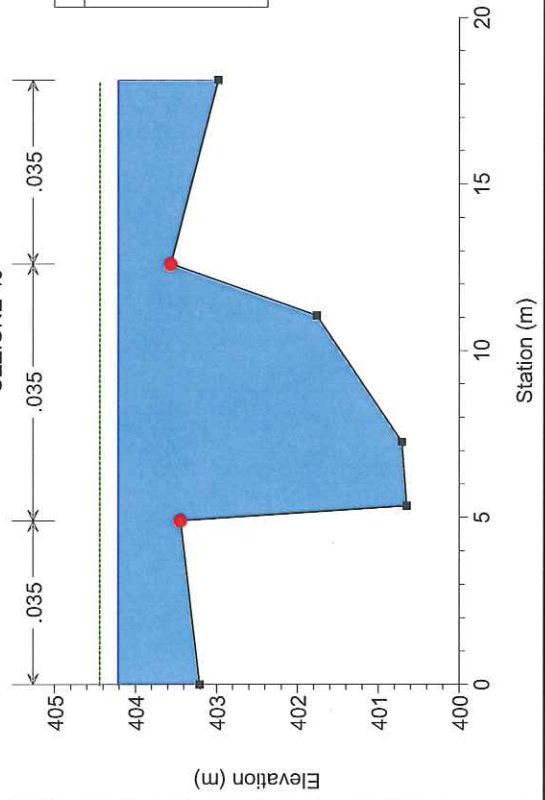
Geom: Esistente
SEZIONE 51



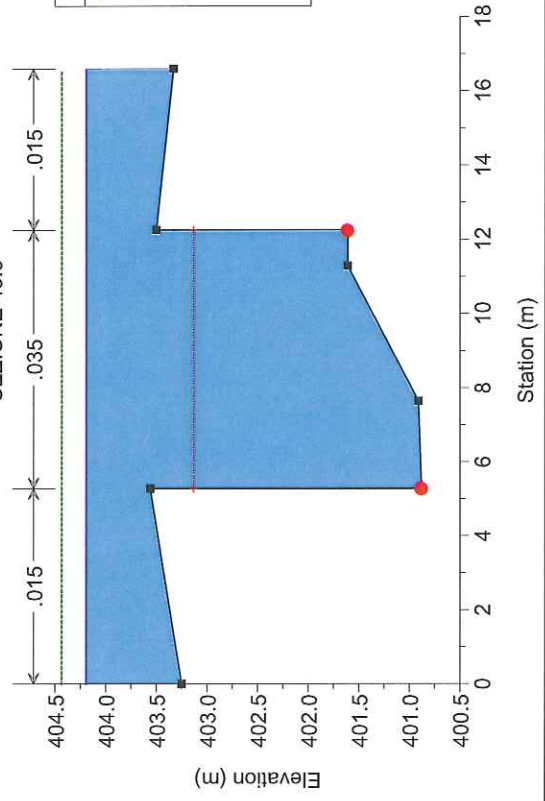
Geom: Esistente
SEZIONE 50



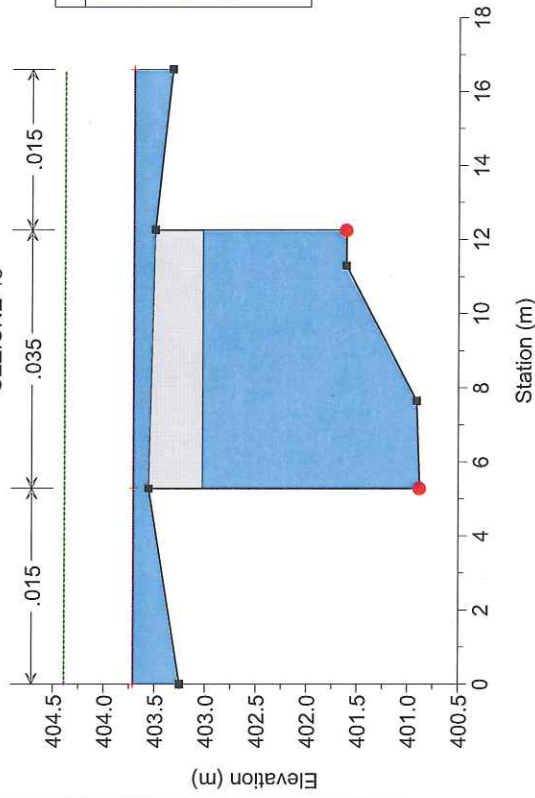
Geom: Esistente
SEZIONE 49



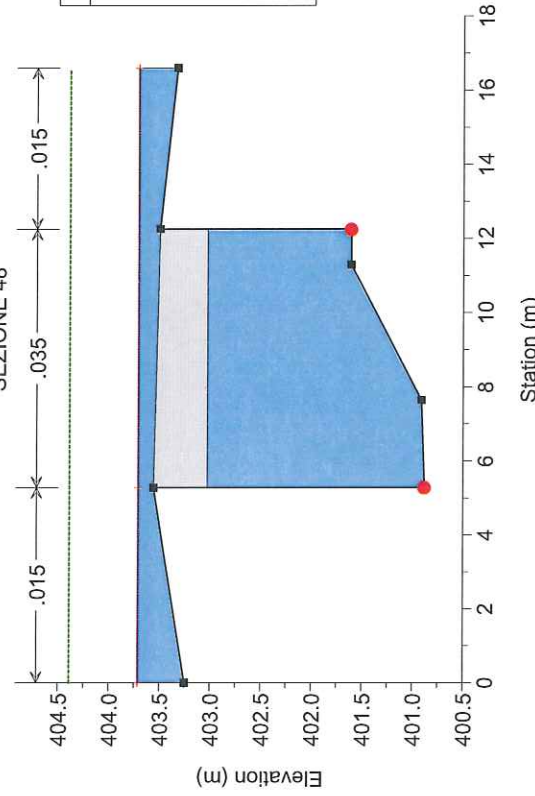
Geom: Esistente
SEZIONE 48.5



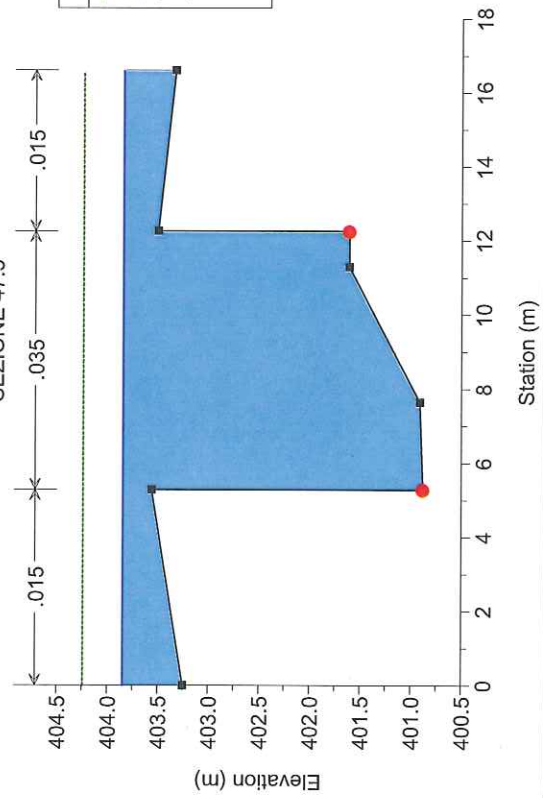
Geom: Esistente
SEZIONE 48



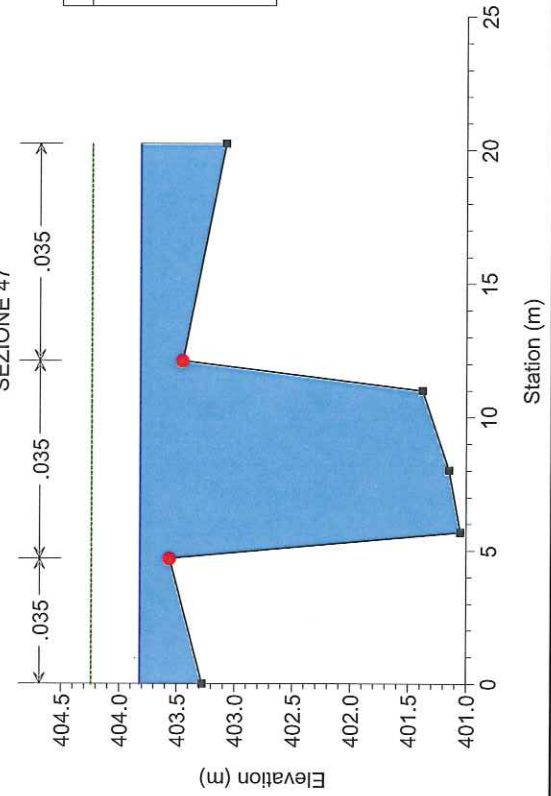
Geom: Esistente
SEZIONE 48



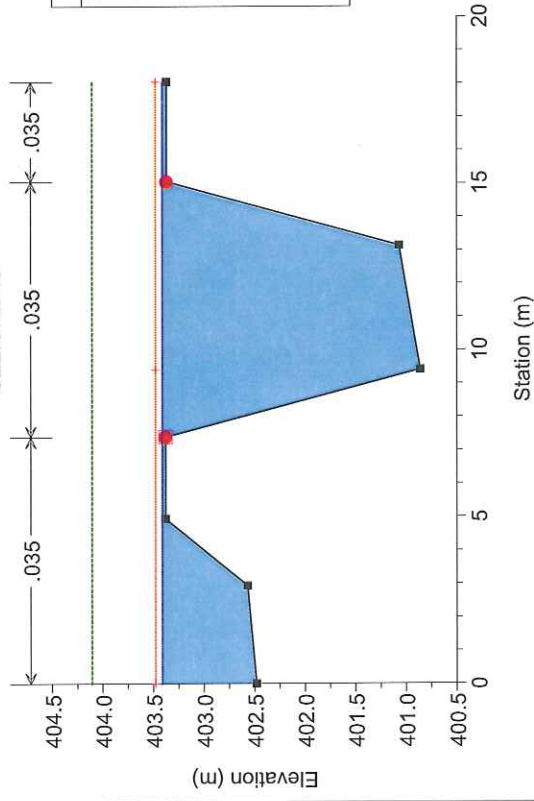
Geom: Esistente
SEZIONE 47.5



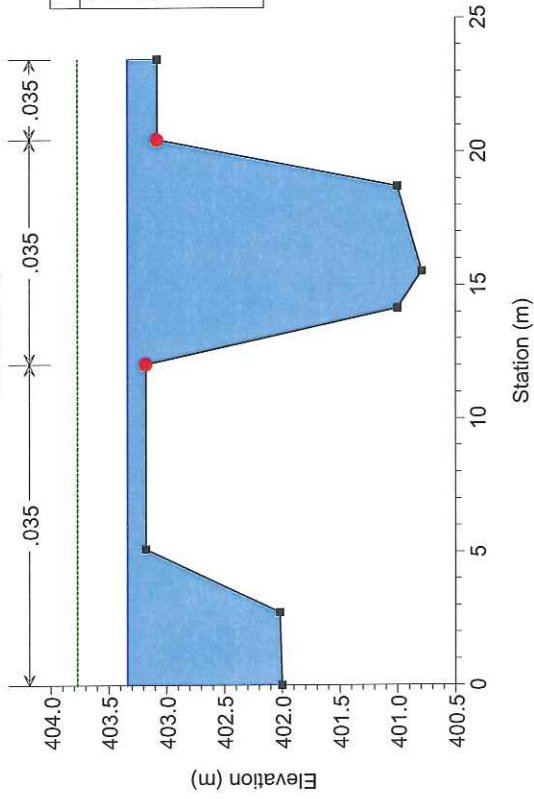
Geom: Esistente
SEZIONE 47



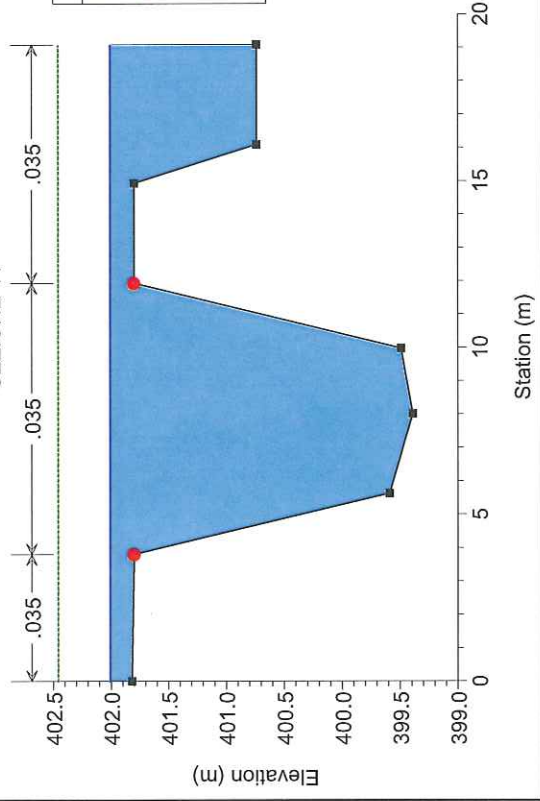
Geom: Esistente
SEZIONE 46



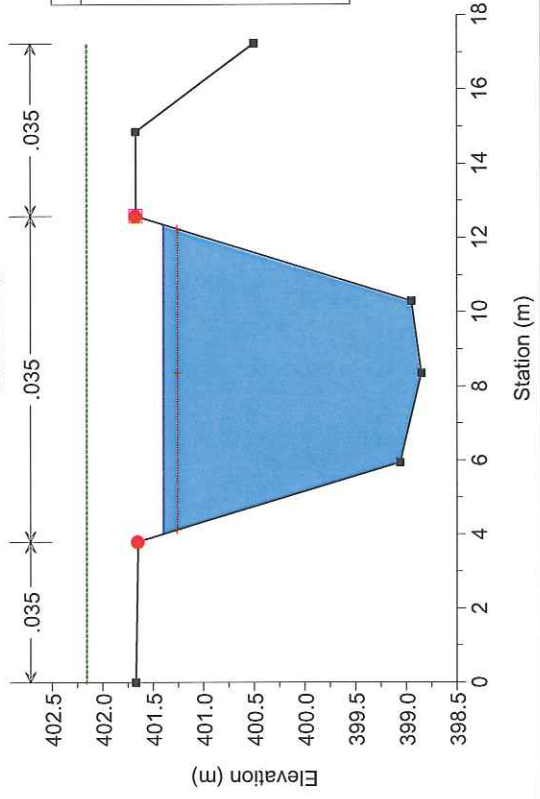
Geom: Esistente
SEZIONE 45



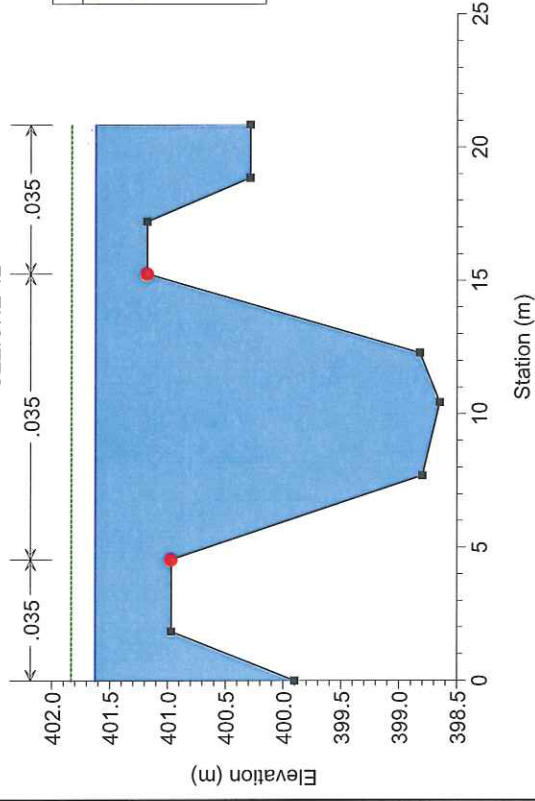
Geom: Esistente
SEZIONE 44



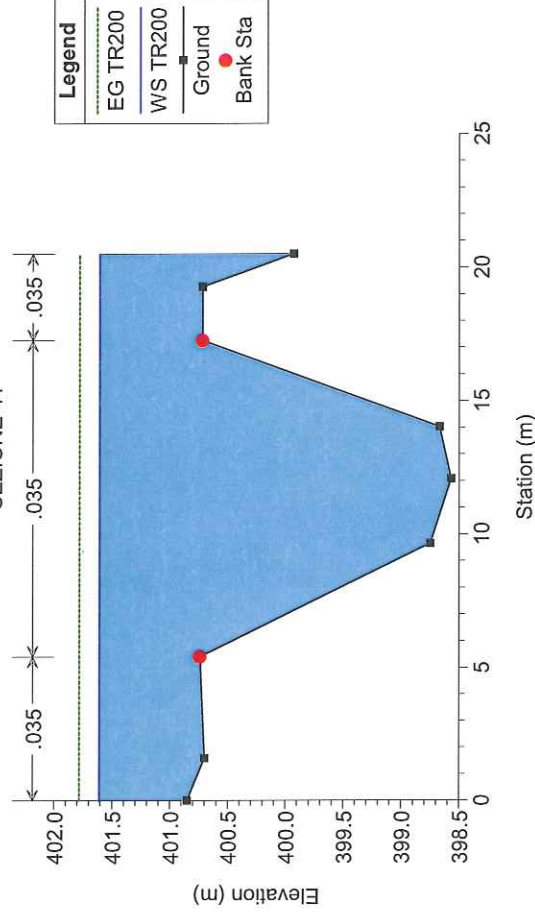
Geom: Esistente
SEZIONE 43



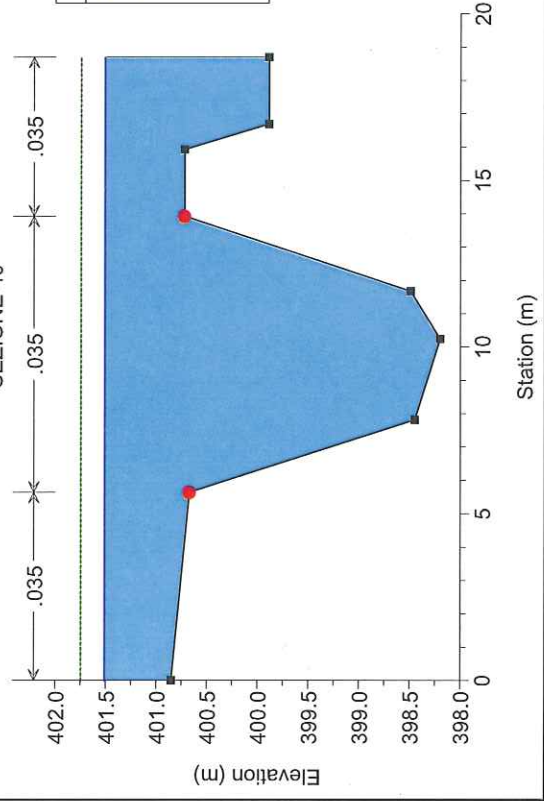
Geom: Esistente
SEZIONE 42



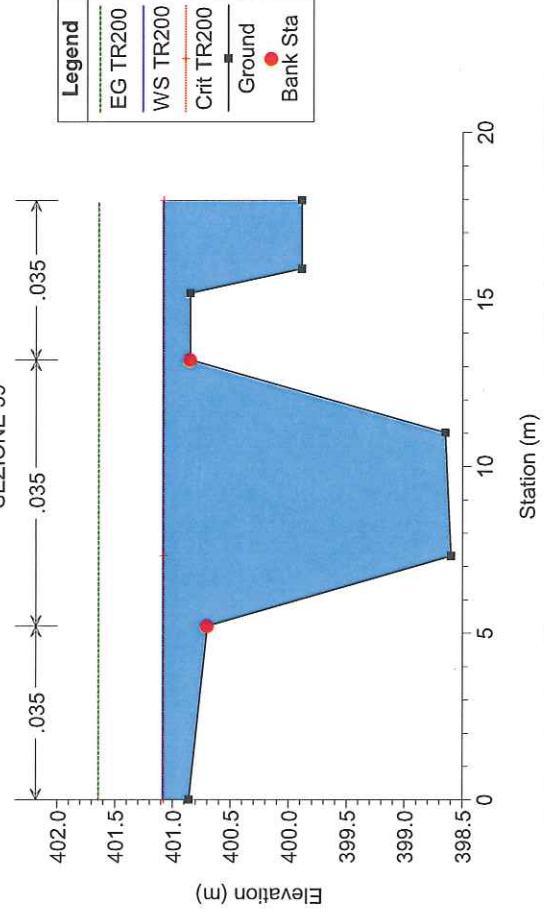
Geom: Esistente
SEZIONE 41



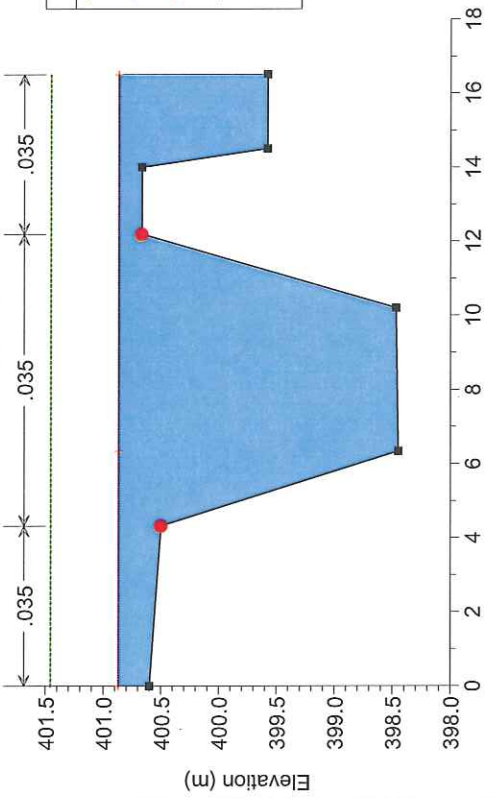
Geom: Esistente
SEZIONE 40



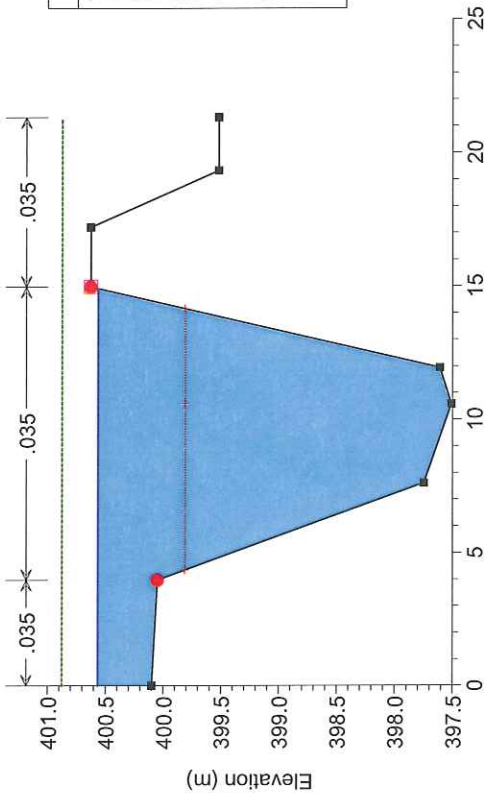
Geom: Esistente
SEZIONE 39



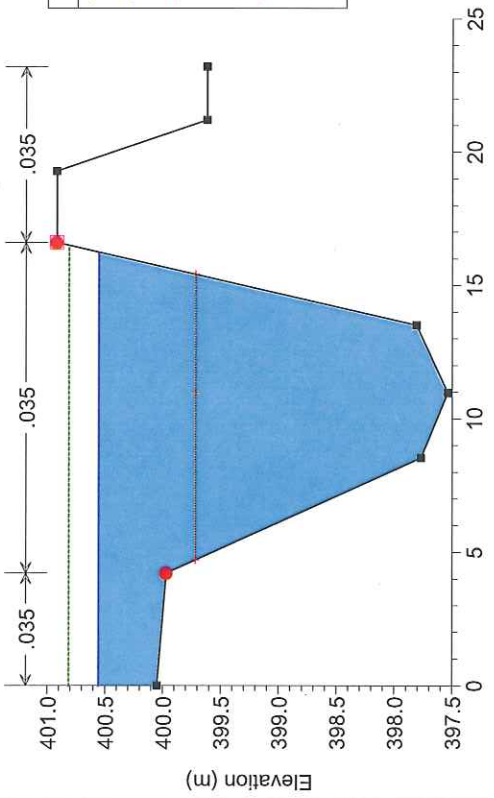
Geom: Esistente
SEZIONE 38



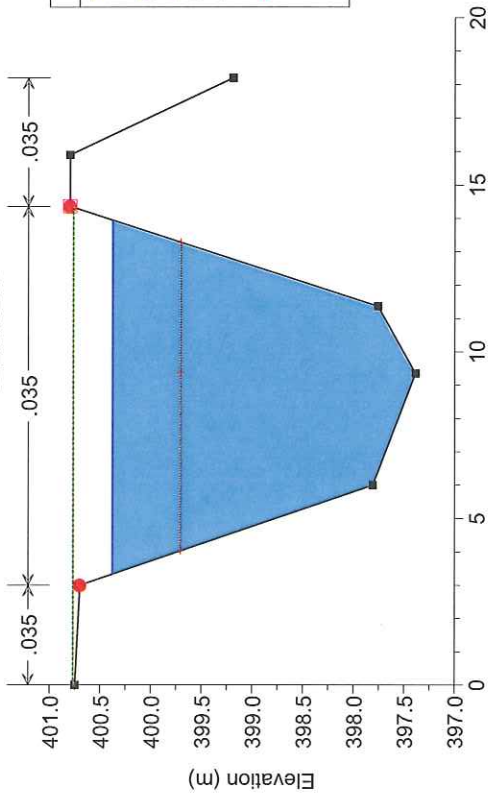
Geom: Esistente
SEZIONE 37



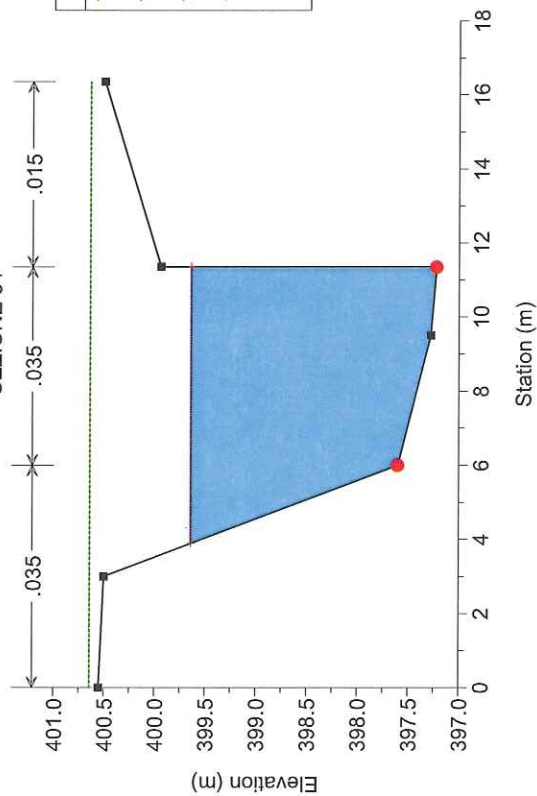
Geom: Esistente
SEZIONE 36



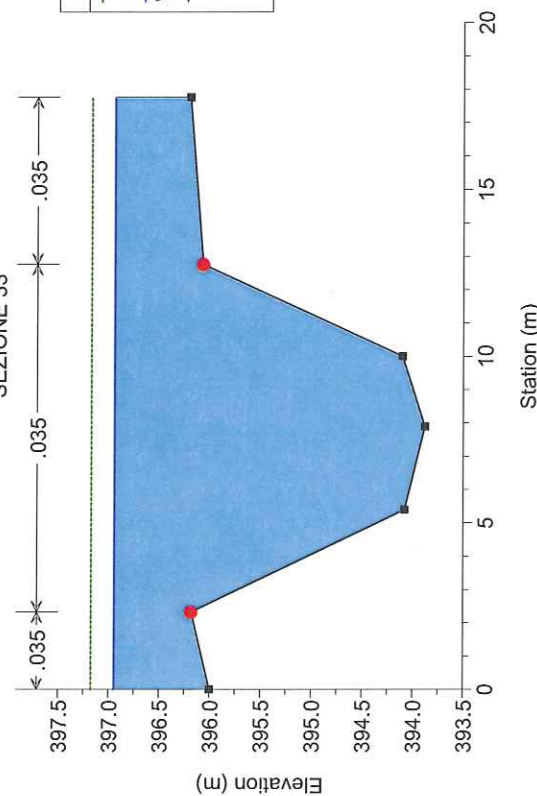
Geom: Esistente
SEZIONE 35



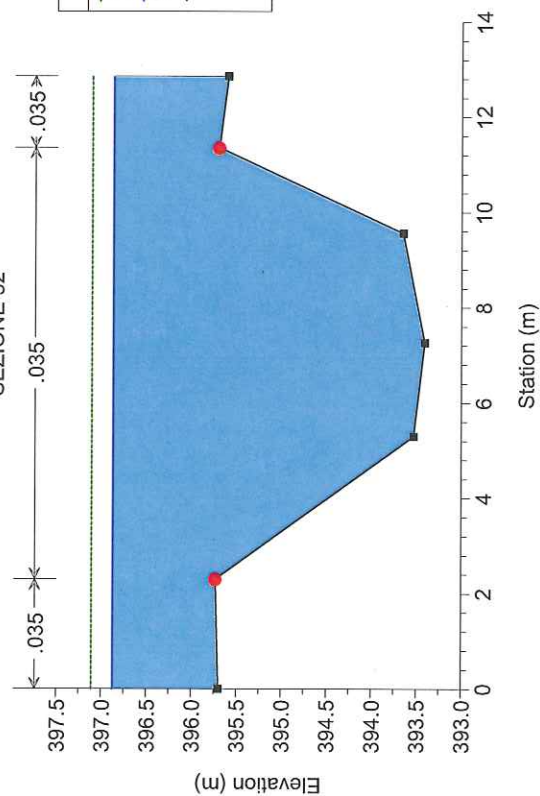
Geom: Esistente
SEZIONE 34



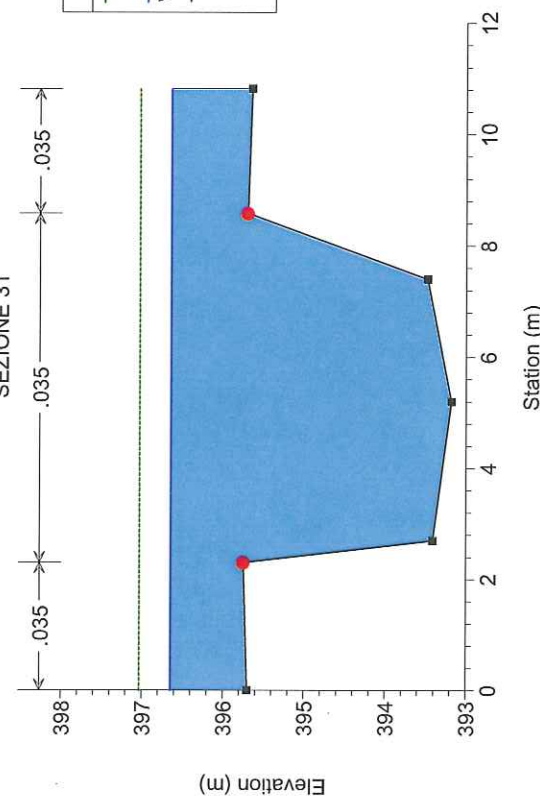
Geom: Esistente
SEZIONE 33



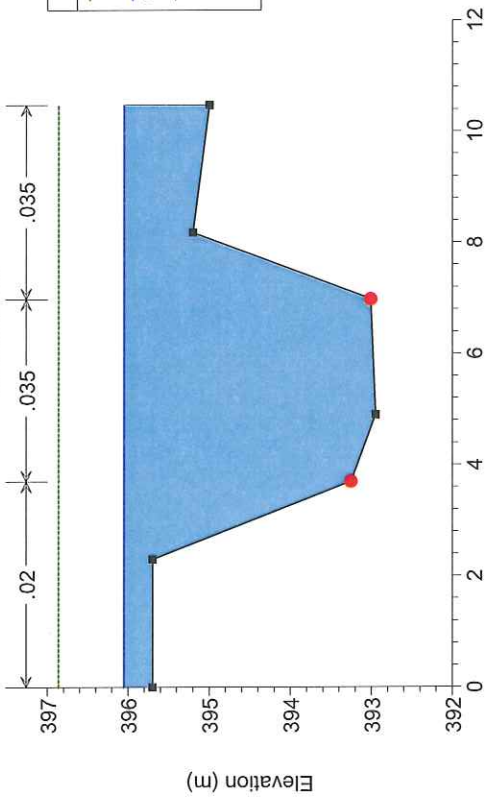
Geom: Esistente
SEZIONE 32



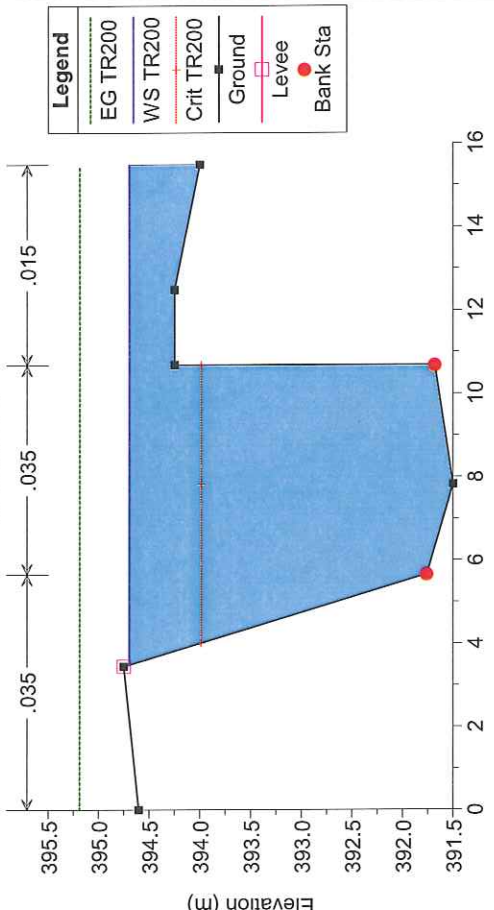
Geom: Esistente
SEZIONE 31



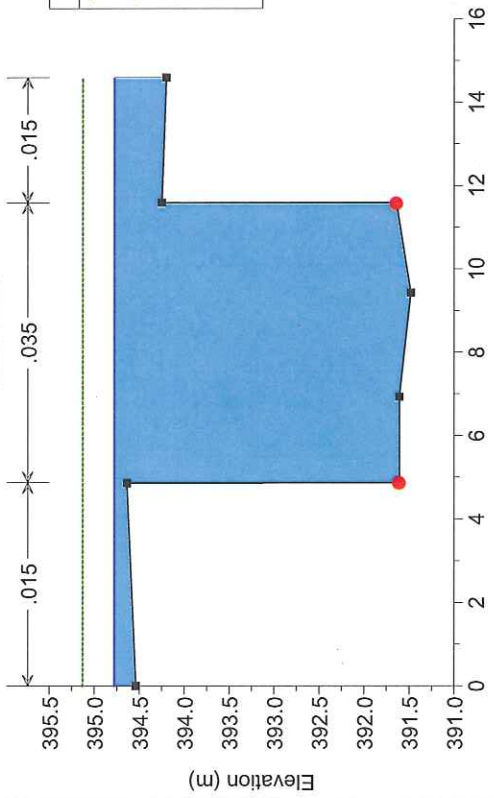
Geom: Esistente
SEZIONE 30



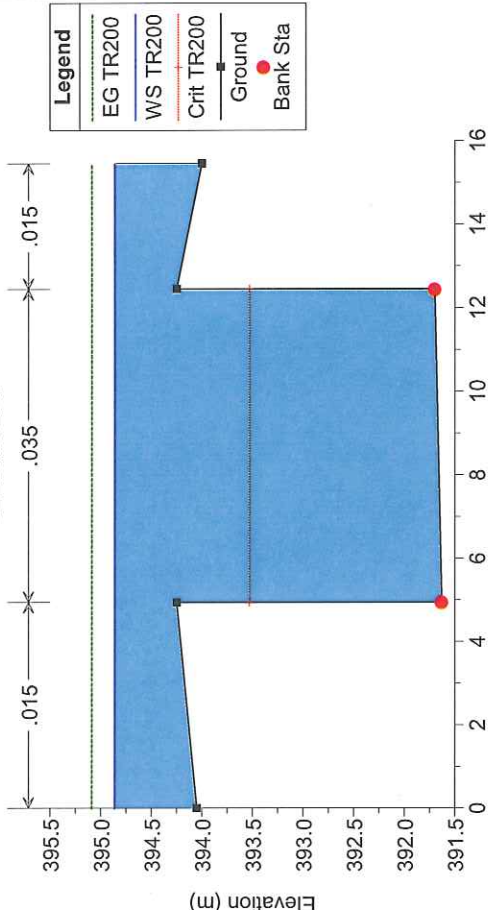
Geom: Esistente
SEZIONE 29



Geom: Esistente
SEZIONE 28



Geom: Esistente
SEZIONE 27.5



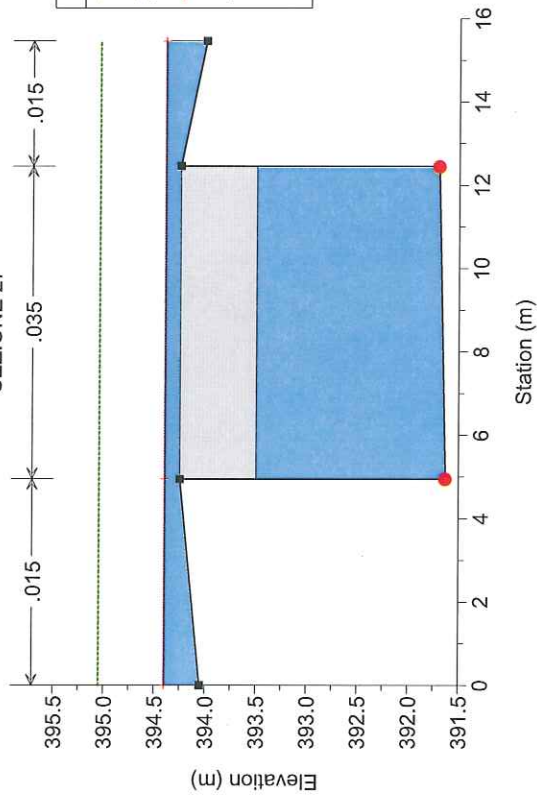
Legend	
EG TR200	Ground
WS TR200	Bank Sta
Crit TR200	

Legend	
EG TR200	Ground
WS TR200	Bank Sta
Crit TR200	

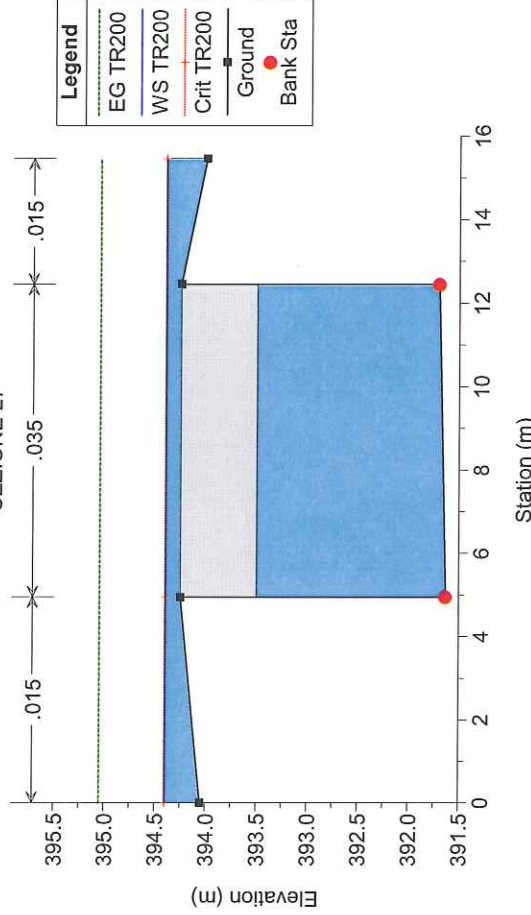
Legend	
EG TR200	Ground
WS TR200	Bank Sta
Crit TR200	
Levee	

Legend	
EG TR200	Ground
WS TR200	Bank Sta
Crit TR200	
Levee	

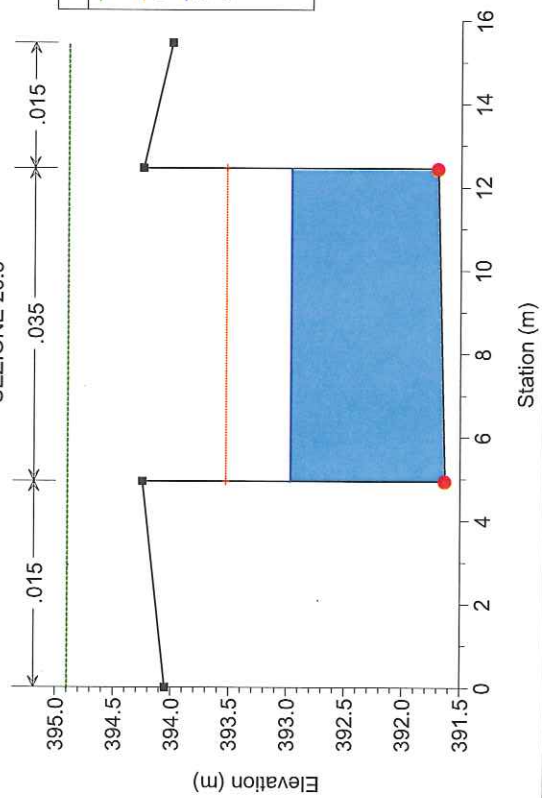
Geom: Esistente
SEZIONE 27



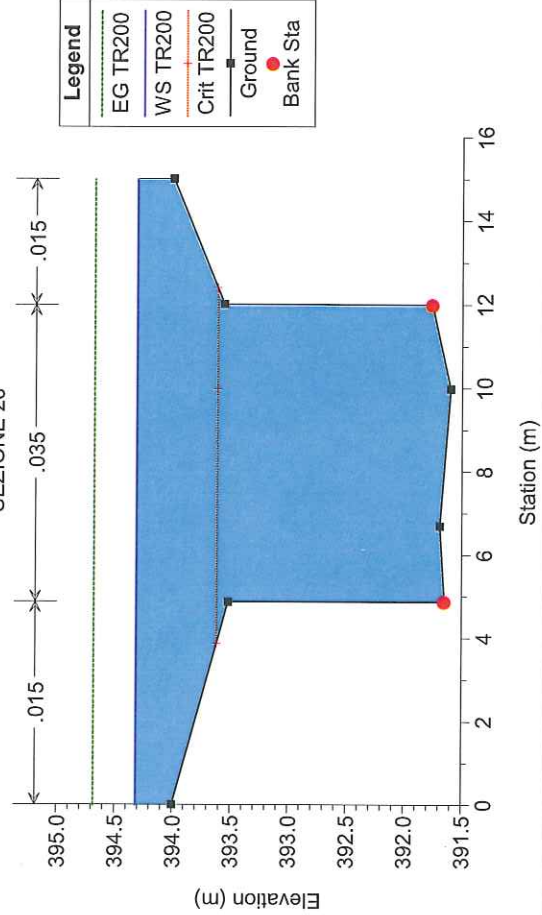
Geom: Esistente
SEZIONE 27



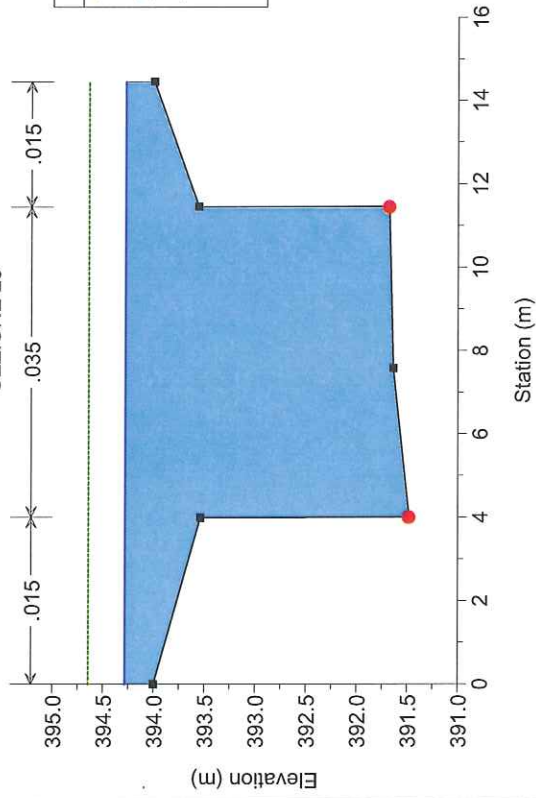
Geom: Esistente
SEZIONE 26.5



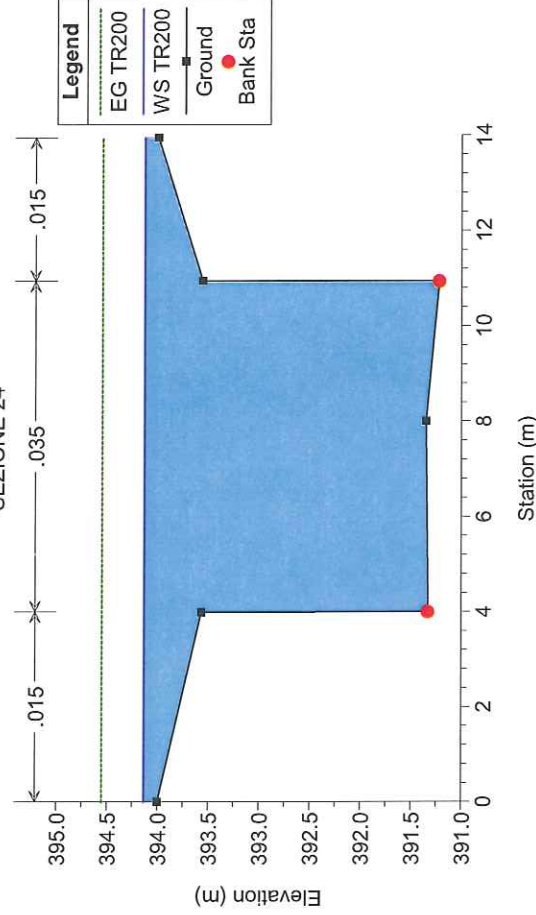
Geom: Esistente
SEZIONE 26



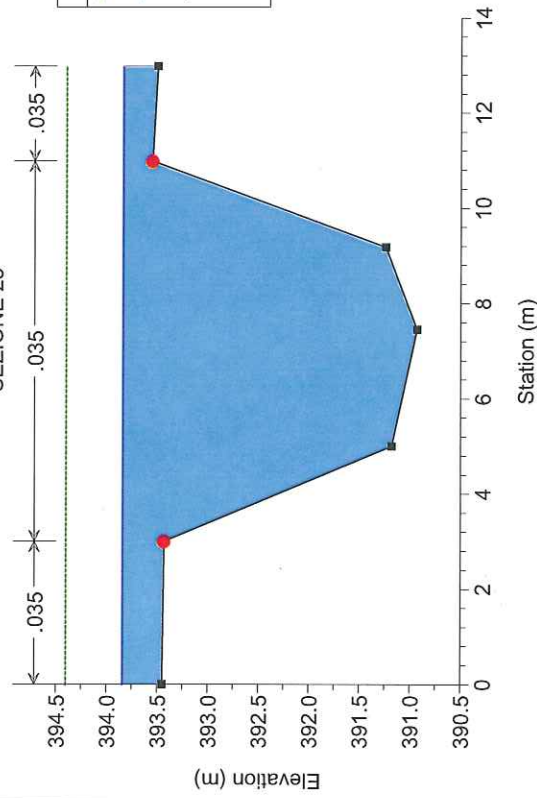
Geom: Esistente
SEZIONE 25



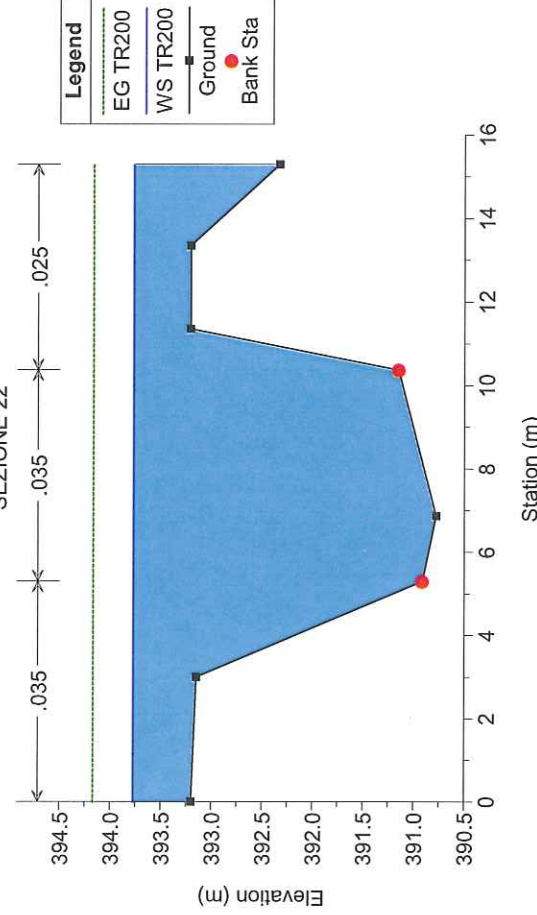
Geom: Esistente
SEZIONE 24



Geom: Esistente
SEZIONE 23

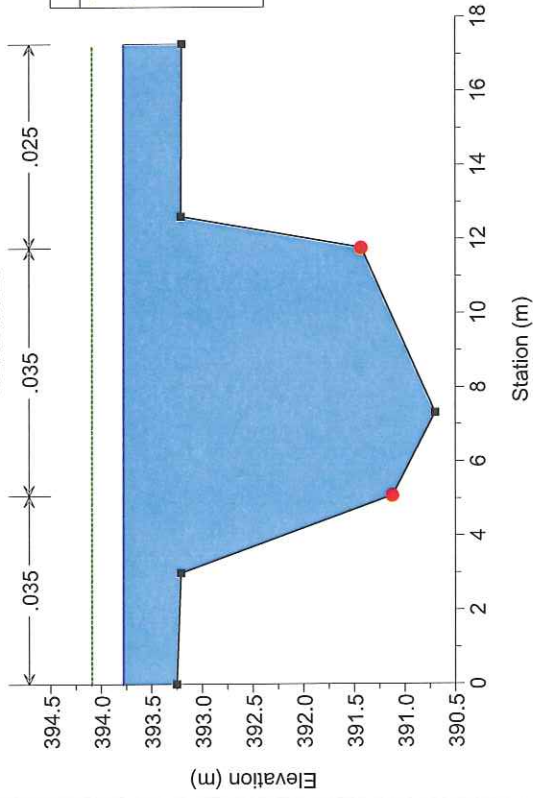


Geom: Esistente
SEZIONE 22



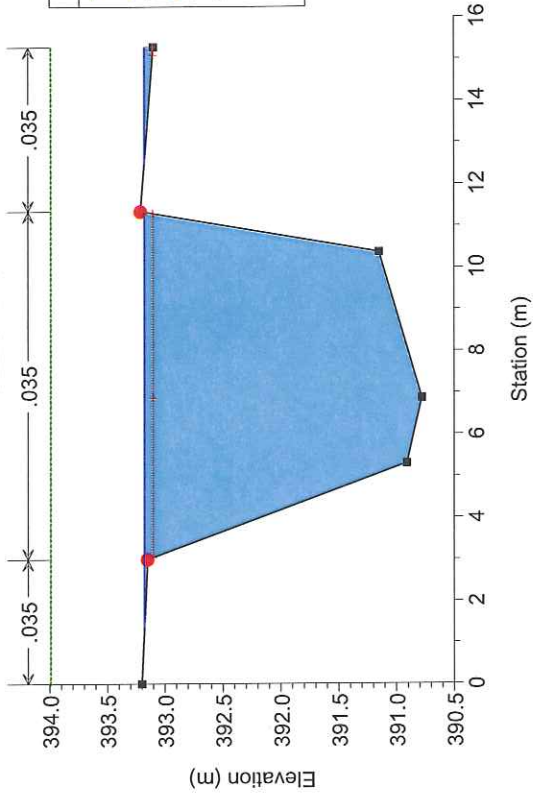
Geom: Esistente

SEZIONE 21



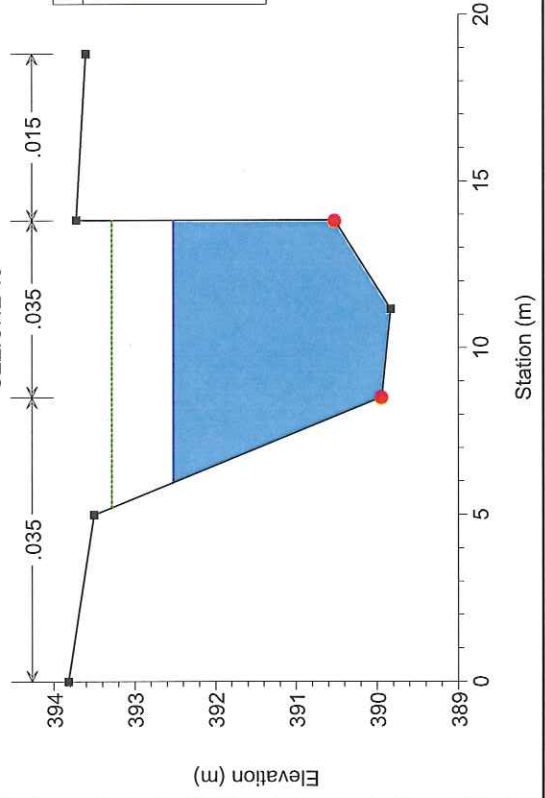
Geom: Esistente

SEZIONE 20



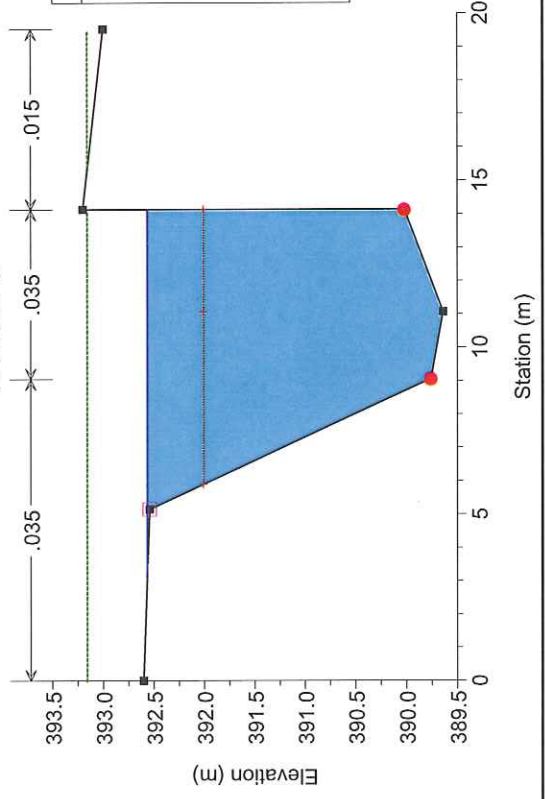
Geom: Esistente

SEZIONE 19

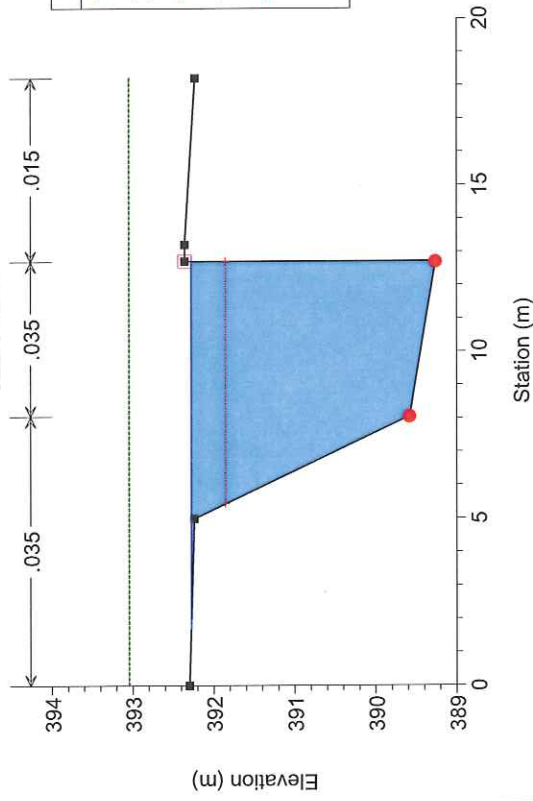


Geom: Esistente

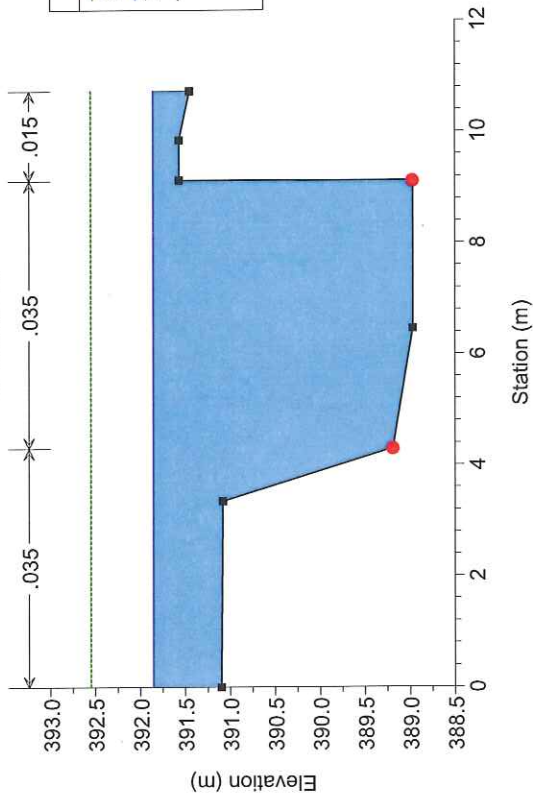
SEZIONE 18



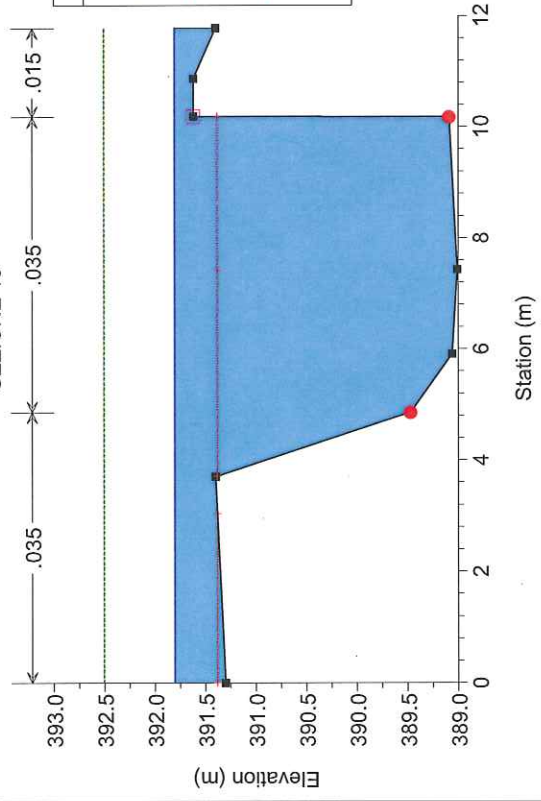
Geom: Esistente
SEZIONE 17



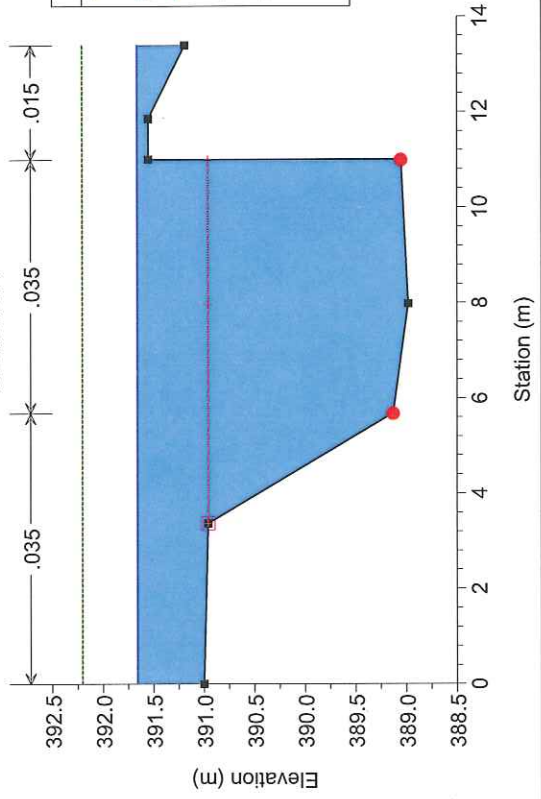
Geom: Esistente
SEZIONE 16



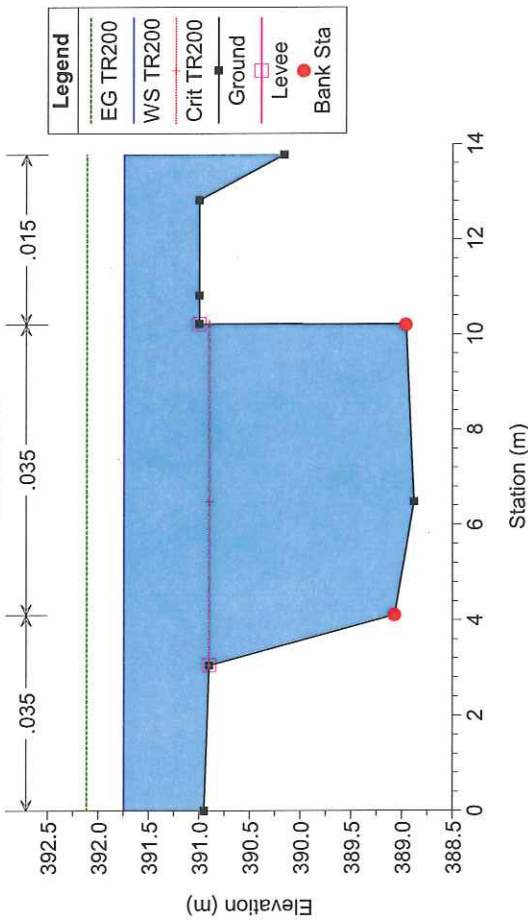
Geom: Esistente
SEZIONE 15



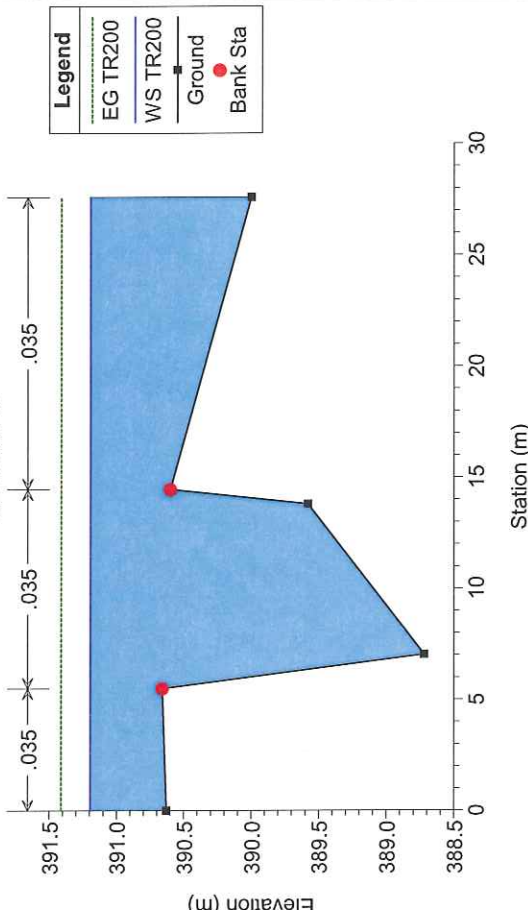
Geom: Esistente
SEZIONE 14



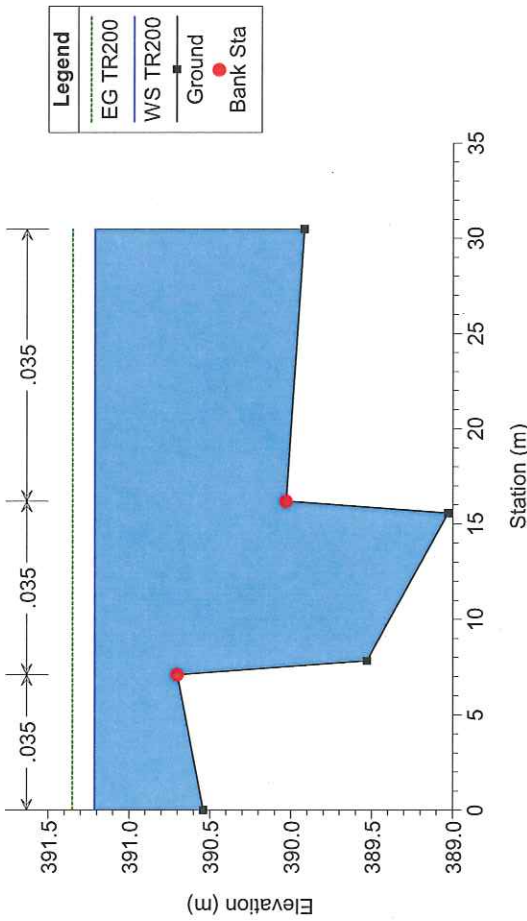
Geom: Esistente
SEZIONE 13



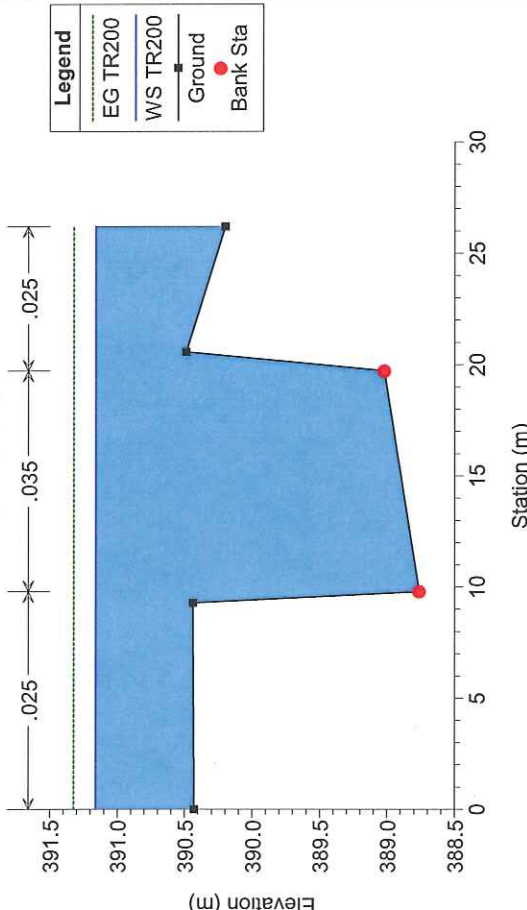
Geom: Esistente
SEZIONE 12



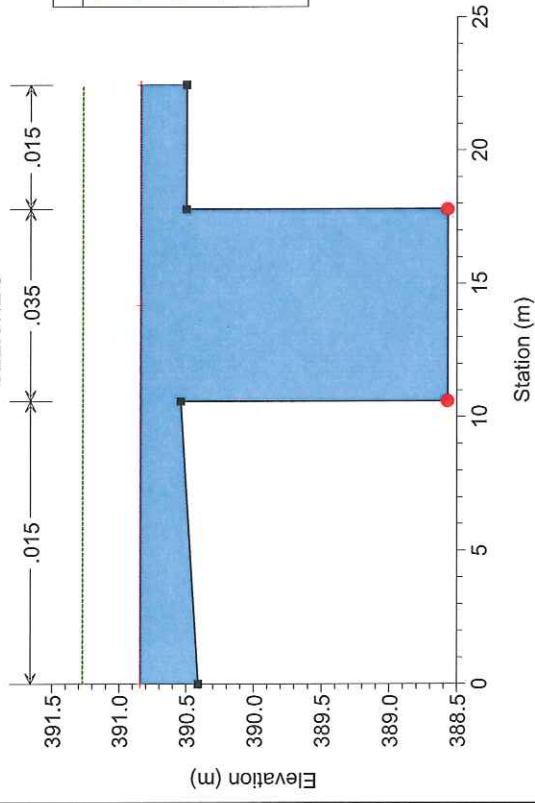
Geom: Esistente
SEZIONE 11



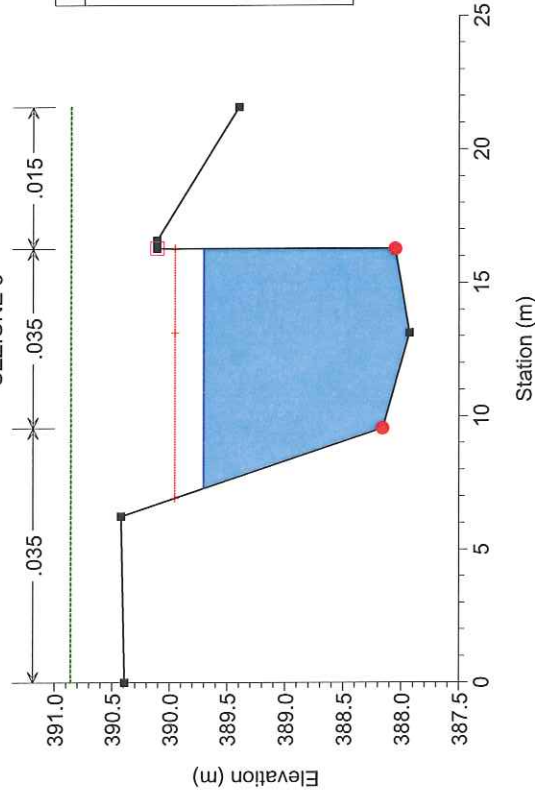
Geom: Esistente
SEZIONE 10



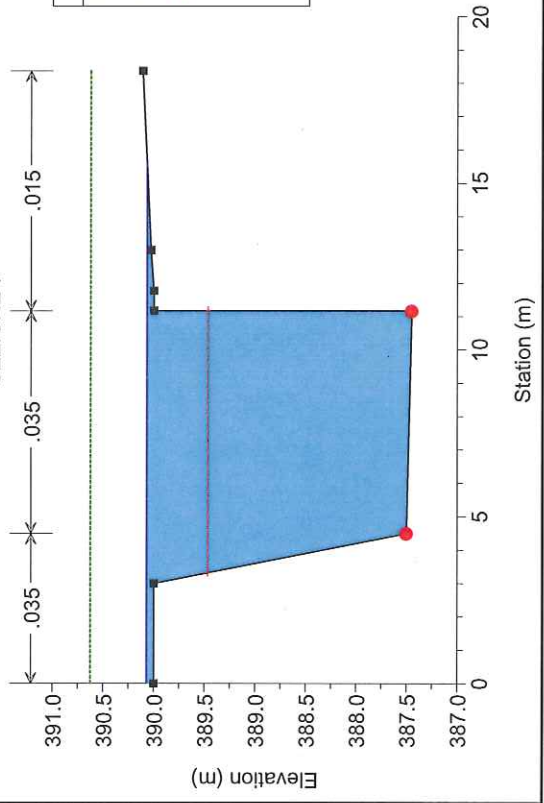
Geom: Esistente
SEZIONE 9



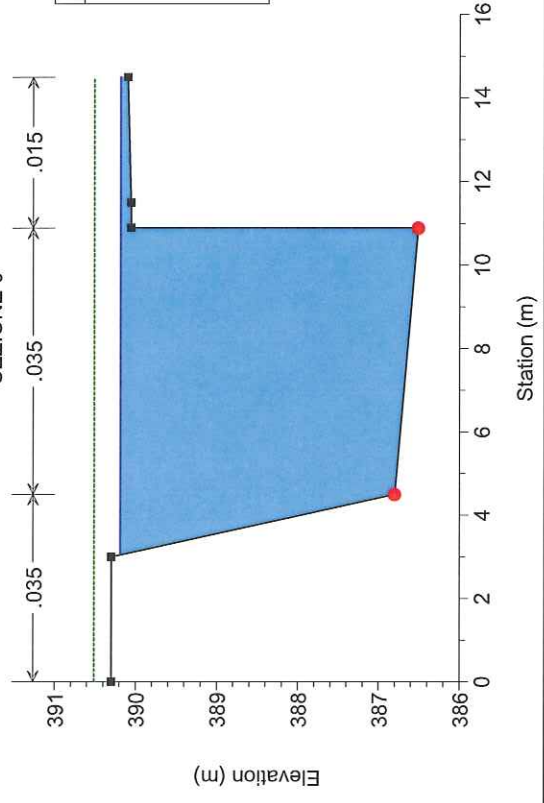
Geom: Esistente
SEZIONE 8



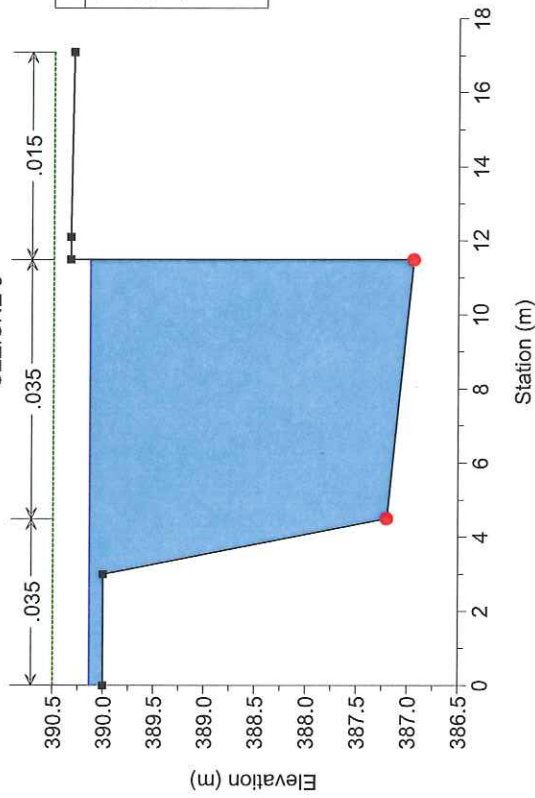
Geom: Esistente
SEZIONE 7



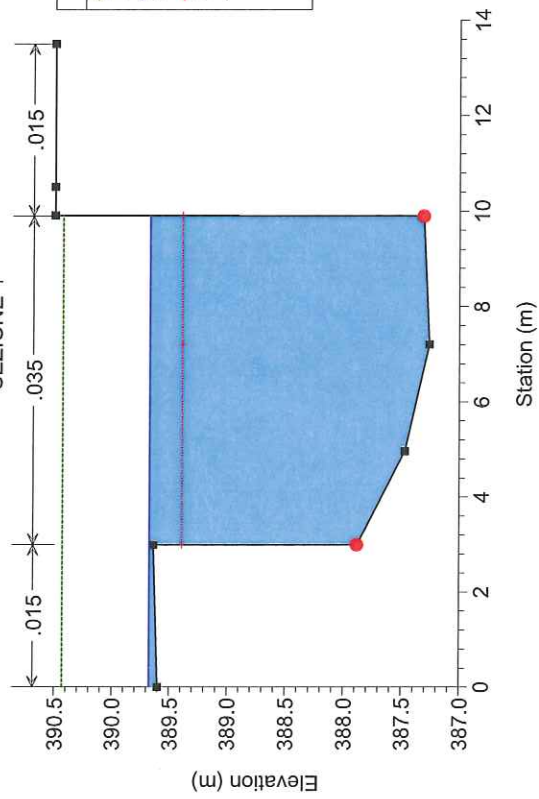
Geom: Esistente
SEZIONE 6



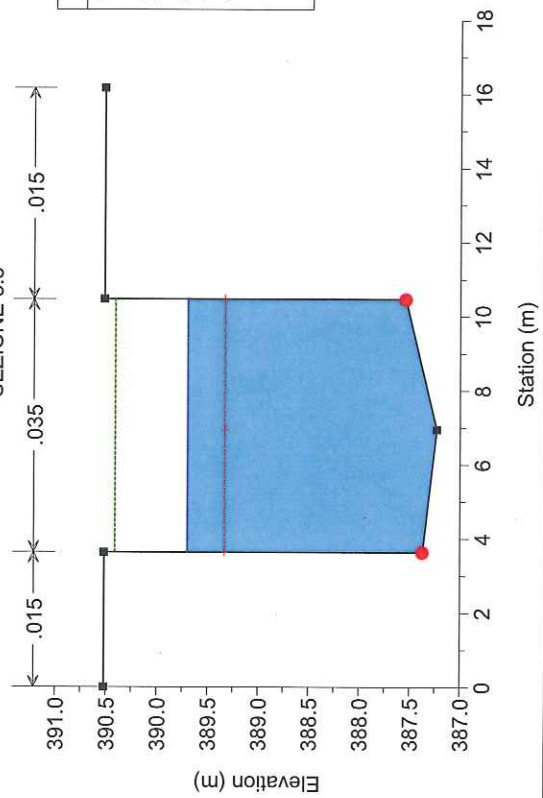
Geom: Esistente
SEZIONE 5



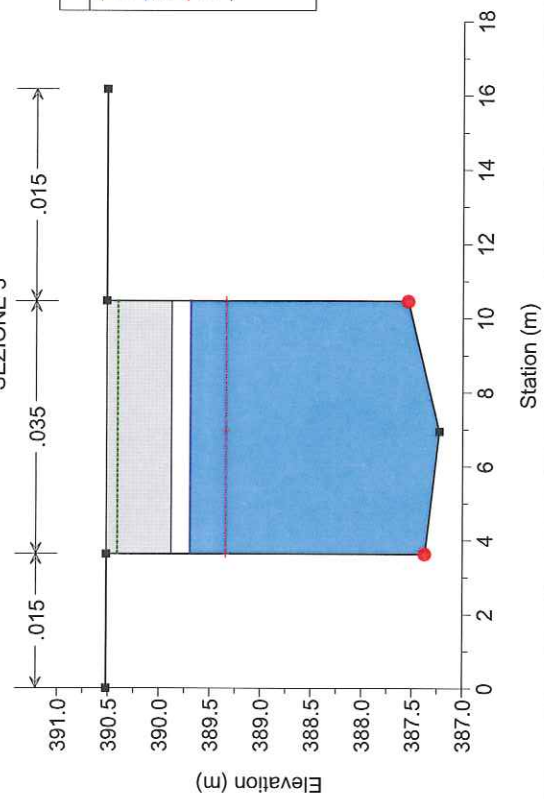
Geom: Esistente
SEZIONE 4



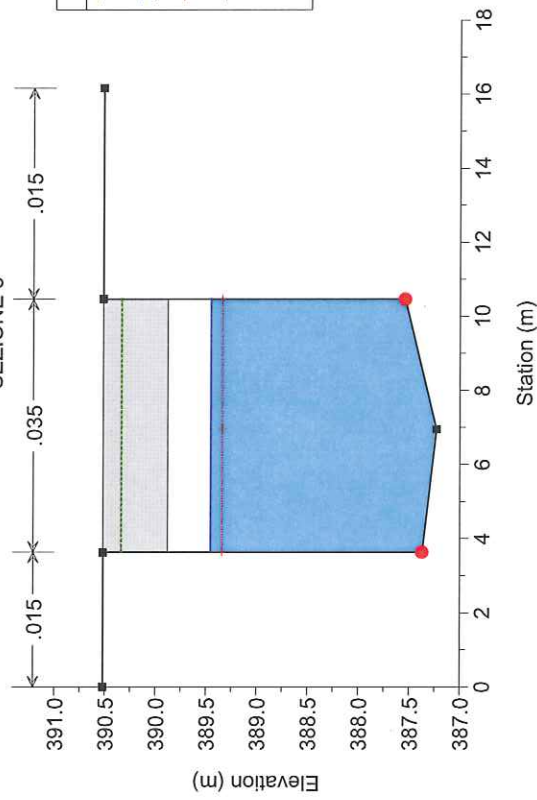
Geom: Esistente
SEZIONE 3.5



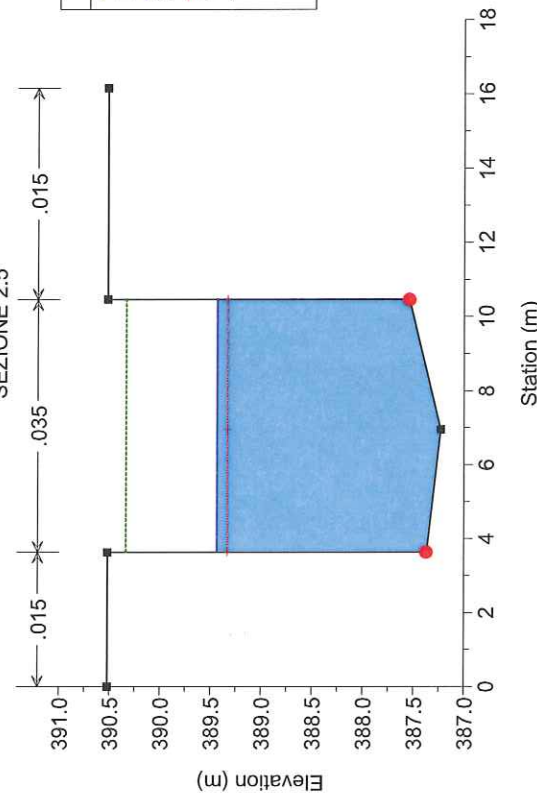
Geom: Esistente
SEZIONE 3



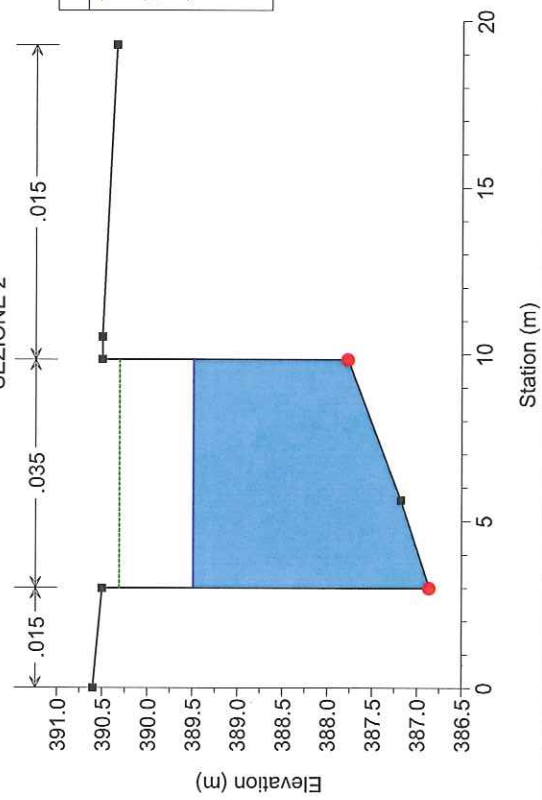
Geom: Esistente
SEZIONE 3



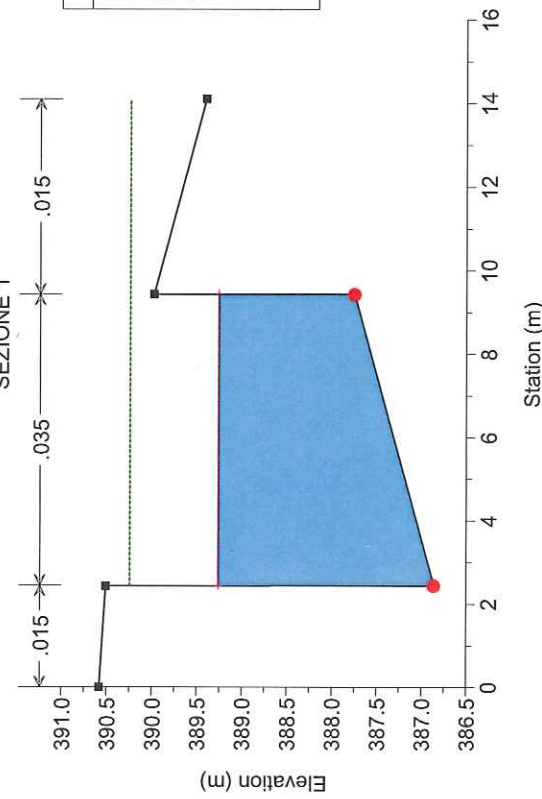
Geom: Esistente
SEZIONE 2.5



Geom: Esistente
SEZIONE 2



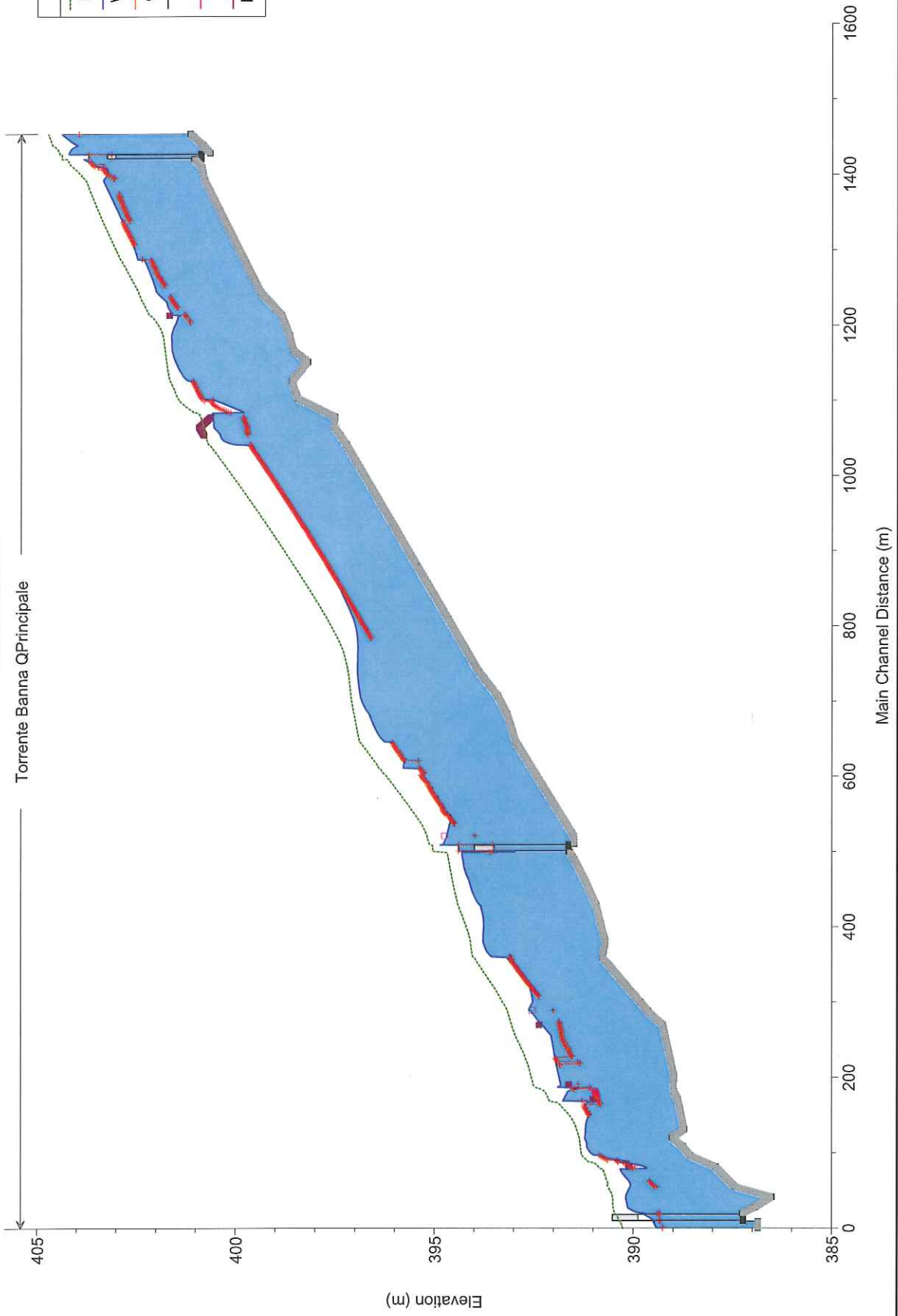
Geom: Esistente
SEZIONE 1



Geom: Esistente

Torrente Banna QPrincipale

Legend	
EG TR200	
WS TR200	
Crit TR200	
Ground	
Left Levee	
Right Levee	



HEC-RAS Plan: exist River: Torrente Banna Reach: QPPrincipale Profile: TR200

Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (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
QPPrincipale	51	TR200	60.00	401.15	404.38	403.95	404.72	0.005350	2.89	24.31	13.75	0.54
QPPrincipale	50	TR200	60.00	400.83	403.98		404.61	0.009208	3.73	18.27	11.29	0.75
QPPrincipale	49	TR200	60.00	400.65	404.21		404.44	0.002599	2.26	30.97	18.13	0.43
QPPrincipale	48.5	TR200	60.00	400.88	404.19	403.13	404.43	0.001504	2.29	28.54	16.60	0.42
QPPrincipale	48	Bridge										
QPPrincipale	47.5	TR200	60.00	400.88	403.84		404.24	0.002827	2.90	22.74	16.60	0.57
QPPrincipale	47	TR200	60.00	401.05	403.82		404.24	0.005839	3.04	23.40	20.24	0.64
QPPrincipale	46	TR200	60.00	400.86	403.41	403.48	404.10	0.011512	3.85	17.68	18.06	0.91
QPPrincipale	45	TR200	60.00	400.79	403.34		403.77	0.006630	3.12	23.33	23.47	0.72
QPPrincipale	44	TR200	60.00	399.39	402.01		402.45	0.006669	3.15	22.11	19.09	0.72
QPPrincipale	43	TR200	60.00	398.85	401.39	401.26	402.16	0.011009	3.87	15.52	8.36	0.91
QPPrincipale	42	TR200	60.00	398.65	401.63		401.83	0.002345	2.15	32.57	20.86	0.46
QPPrincipale	41	TR200	60.00	398.57	401.61		401.78	0.001698	1.93	35.21	20.52	0.41
QPPrincipale	40	TR200	60.00	398.20	401.51		401.74	0.002517	2.31	30.76	18.69	0.47
QPPrincipale	39	TR200	60.00	398.60	401.08	401.08	401.64	0.008388	3.48	20.01	17.97	0.81
QPPrincipale	38	TR200	60.00	398.45	400.87	400.87	401.45	0.008981	3.57	19.39	16.51	0.83
QPPrincipale	37	TR200	60.00	397.51	400.57	399.81	400.88	0.003477	2.50	25.17	14.90	0.55
QPPrincipale	36	TR200	60.00	397.54	400.55	399.72	400.81	0.002794	2.28	27.70	16.25	0.50
QPPrincipale	35	TR200	60.00	397.39	400.38	399.71	400.77	0.004610	2.76	21.73	10.61	0.62
QPPrincipale	34	TR200	60.00	397.22	399.64	399.64	400.64	0.008589	4.56	14.30	7.47	0.97
QPPrincipale	33	TR200	60.00	393.88	396.94		397.17	0.002265	2.21	30.33	17.76	0.46
QPPrincipale	32	TR200	60.00	393.41	396.87		397.10	0.001950	2.22	29.48	12.86	0.43
QPPrincipale	31	TR200	60.00	393.18	396.64		397.03	0.004078	2.86	23.17	10.82	0.53
QPPrincipale	30	TR200	60.00	392.95	396.05		396.86	0.005654	4.46	17.45	10.48	0.82
QPPrincipale	29	TR200	60.00	391.50	394.70	393.99	395.19	0.002989	3.30	21.22	12.00	0.60
QPPrincipale	28	TR200	60.00	391.48	394.78		395.13	0.001847	2.67	24.11	14.59	0.48
QPPrincipale	27.5	TR200	60.00	391.63	394.86	393.53	395.09	0.001259	2.20	29.72	15.46	0.39
QPPrincipale	27	Bridge										
QPPrincipale	26.5	TR200	60.00	391.63	392.97	393.53	394.89	0.032681	6.15	9.76	7.51	1.72
QPPrincipale	26	TR200	60.00	391.60	394.31	393.62	394.68	0.002595	2.79	23.21	15.01	0.55
QPPrincipale	25	TR200	60.00	391.48	394.28		394.64	0.002484	2.74	23.49	14.46	0.54
QPPrincipale	24	TR200	60.00	391.22	394.13		394.55	0.002626	2.92	22.01	13.95	0.56
QPPrincipale	23	TR200	60.00	390.93	393.84		394.40	0.008816	3.36	19.09	12.98	0.73
QPPrincipale	22	TR200	60.00	390.78	393.77		394.17	0.002976	3.12	24.78	15.29	0.59
QPPrincipale	21	TR200	60.00	390.70	393.78		394.09	0.002281	2.66	27.43	17.29	0.51

HEC-RAS Plan: esist River: Torrente Banna Reach: QPrincipal Profile: TR200 (Continued)

Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (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
QPrincipal	20	TR200	60.00	390.78	393.18	393.11	393.99	0.012183	3.99	15.15	12.76	0.95
QPrincipal	19	TR200	60.00	389.83	392.52		393.28	0.006010	4.03	16.51	7.86	0.81
QPrincipal	18	TR200	60.00	389.64	392.56	392.01	393.15	0.004130	3.62	19.69	11.09	0.69
QPrincipal	17	TR200	60.00	389.26	392.28	391.86	393.05	0.005000	4.06	17.57	11.02	0.77
QPrincipal	16	TR200	60.00	388.97	391.86		392.55	0.004620	3.89	18.41	10.73	0.74
QPrincipal	15	TR200	60.00	389.01	391.81	391.38	392.51	0.004847	3.84	18.15	11.78	0.74
QPrincipal	14	TR200	60.00	388.98	391.66	390.96	392.21	0.004217	3.53	20.55	13.40	0.70
QPrincipal	13	TR200	60.00	388.88	391.75	390.90	392.11	0.002554	2.87	24.57	13.78	0.55
QPrincipal	12	TR200	60.00	388.72	391.20		391.41	0.003511	2.32	31.73	27.61	0.54
QPrincipal	11	TR200	60.00	389.03	391.21		391.35	0.002145	1.83	38.71	30.47	0.43
QPrincipal	10	TR200	60.00	388.76	391.16		391.32	0.001564	1.95	35.85	26.21	0.41
QPrincipal	9	TR200	60.00	388.57	390.84	390.84	391.27	0.003865	3.07	21.87	22.47	0.65
QPrincipal	8	TR200	60.00	387.93	389.71	389.96	390.86	0.014586	4.89	13.12	9.00	1.20
QPrincipal	7	TR200	60.00	387.45	390.07	389.46	390.62	0.003867	3.35	19.64	15.63	0.66
QPrincipal	6	TR200	60.00	386.51	390.19		390.51	0.001494	2.56	25.44	11.45	0.43
QPrincipal	5	TR200	60.00	386.94	390.14		390.50	0.002017	2.71	24.16	11.50	0.49
QPrincipal	4	TR200	60.00	387.26	389.67	389.39	390.43	0.006228	3.85	15.72	9.91	0.82
QPrincipal	3.5	TR200	60.00	387.23	389.70	389.33	390.41	0.005463	3.73	16.09	6.83	0.78
QPrincipal	3		Bridge									
QPrincipal	2.5	TR200	60.00	387.23	389.44	389.33	390.34	0.008129	4.21	14.28	6.83	0.93
QPrincipal	2	TR200	60.00	386.86	389.49		390.31	0.006981	4.00	15.00	6.85	0.86
QPrincipal	1	TR200	60.00	386.86	389.26	389.26	390.24	0.009788	4.39	13.67	7.00	1.00