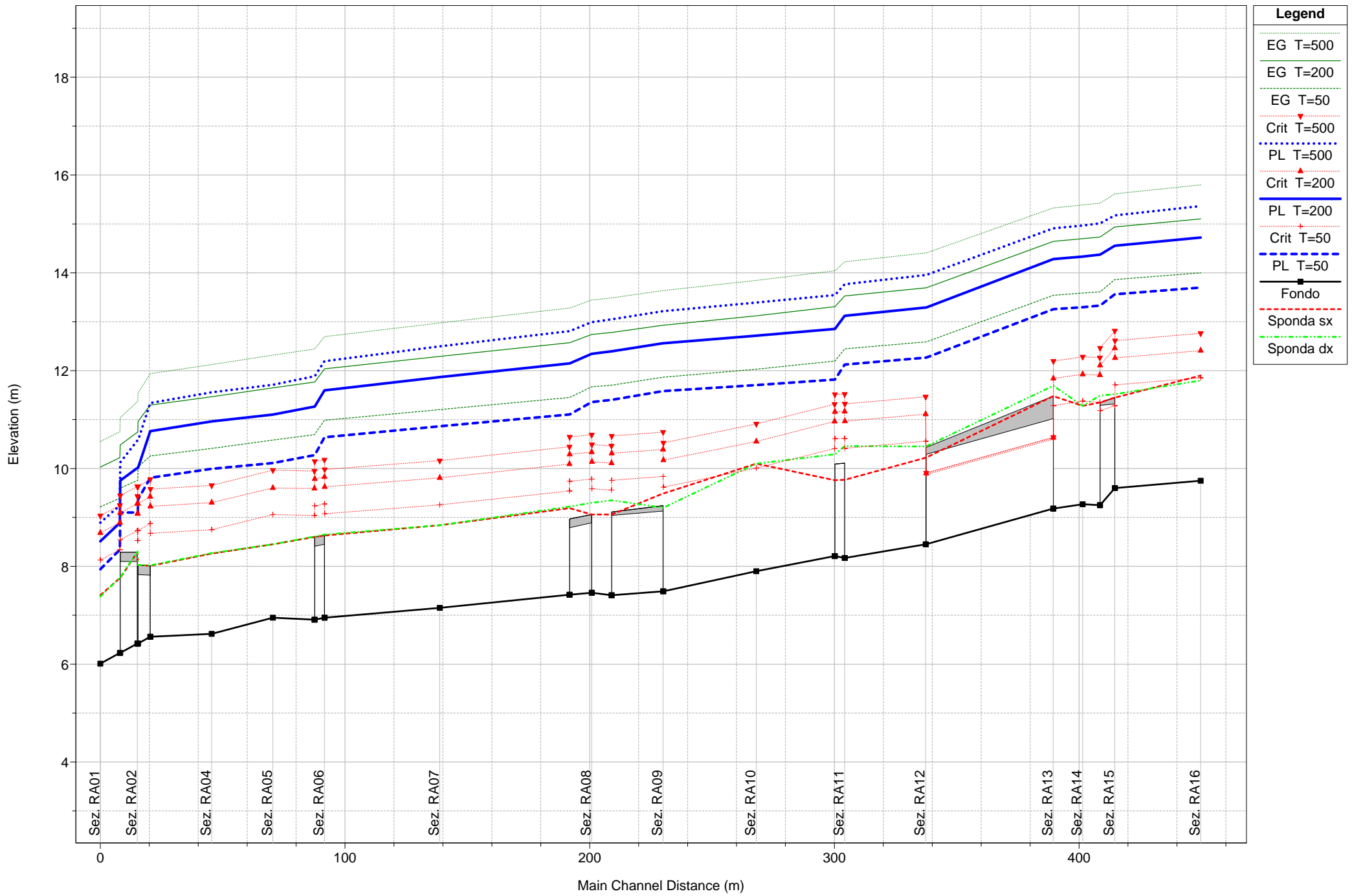


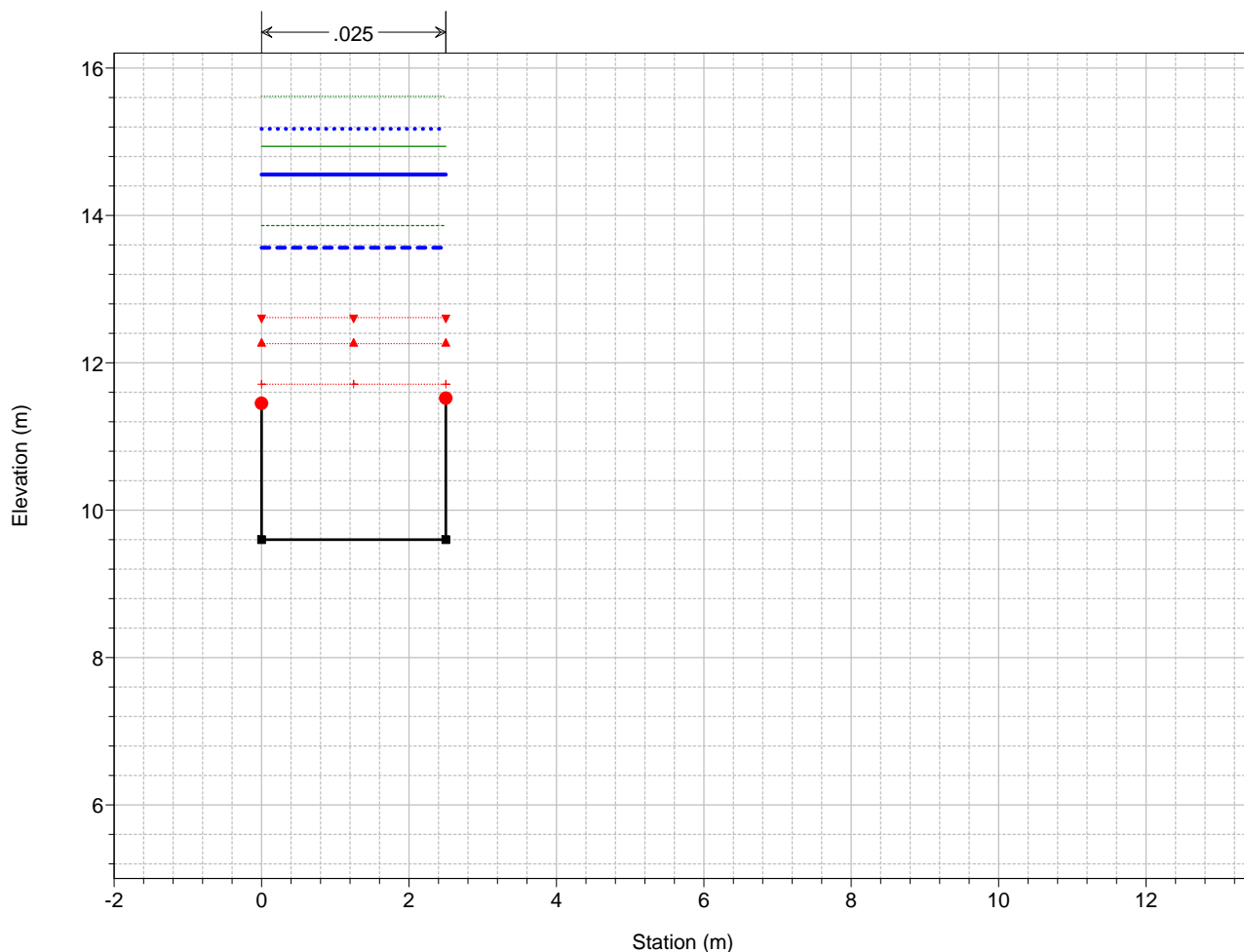
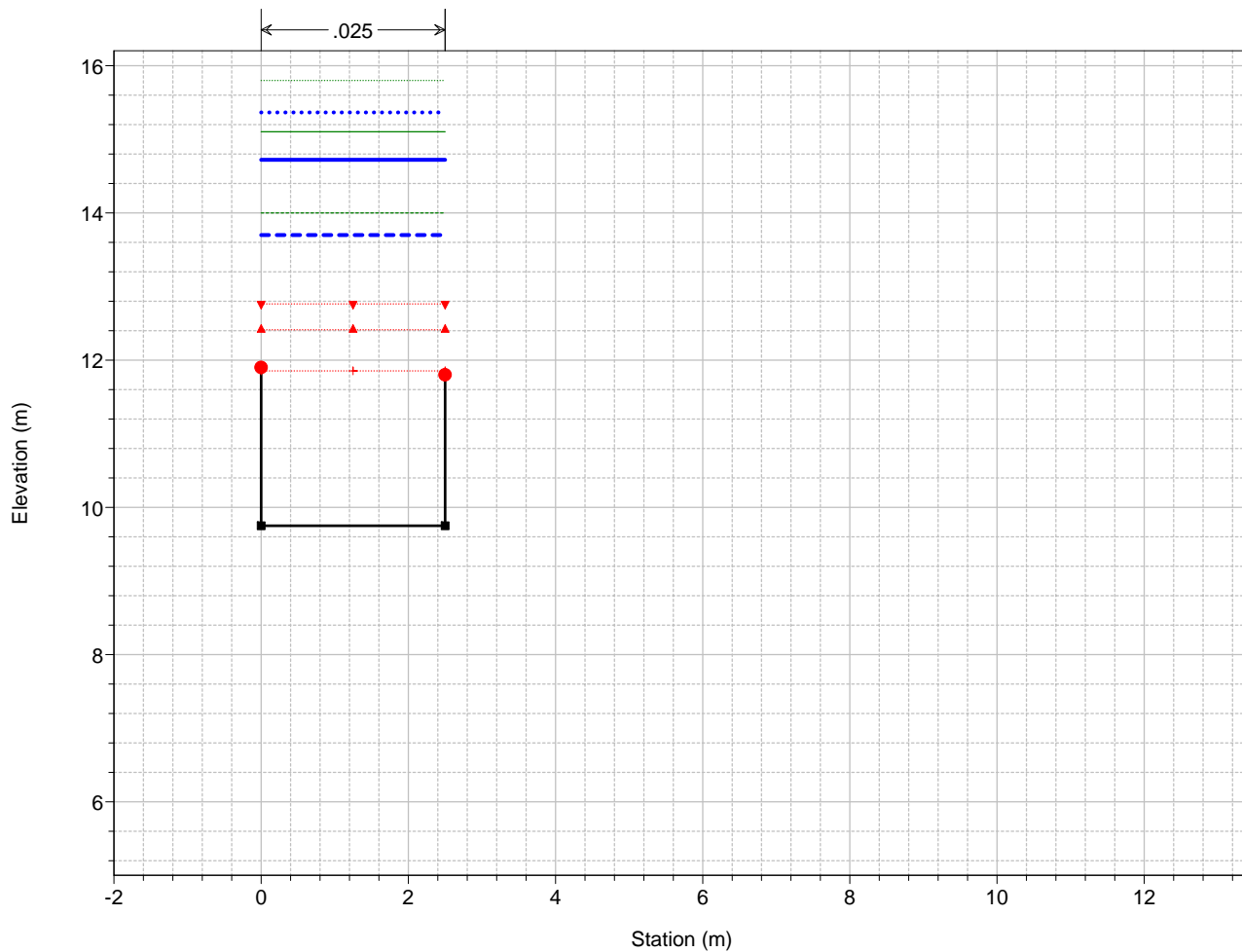
# Rio Ragone



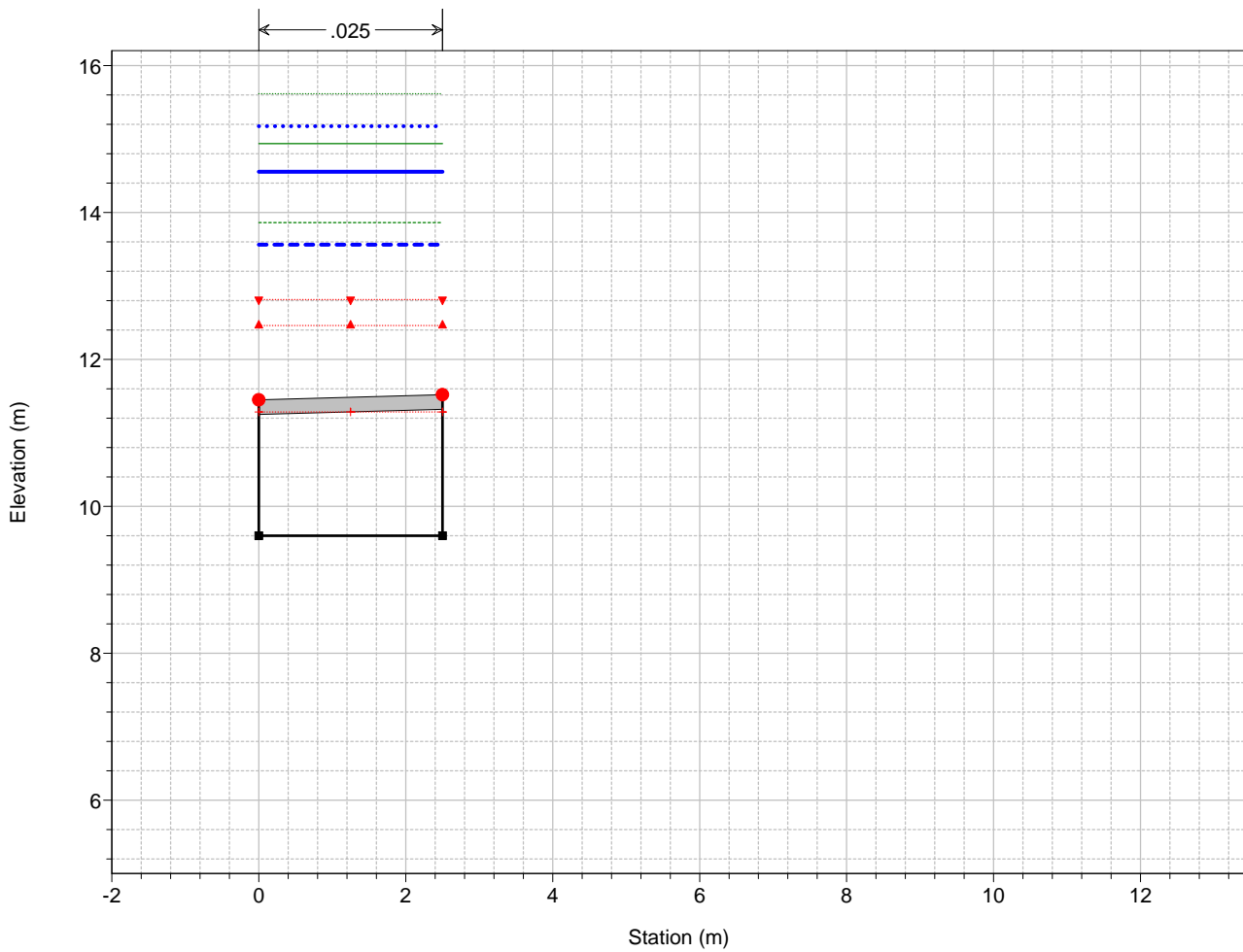
Legend	
EG T=500	Solid Green Line
EG T=200	Dotted Green Line
EG T=50	Dotted Green Line
Crit T=500	Dotted Blue Line
PL T=500	Dotted Blue Line
Crit T=200	Dotted Red Line
PL T=200	Solid Blue Line
Crit T=50	Dotted Red Line
PL T=50	Dashed Blue Line
Fondo	Solid Black Line
Sponda sx	Dashed Red Line
Sponda dx	Dotted Green Line

1 cm Horiz. = 20 m    1 cm Vert. = 1 m

Rio Ragone  
Sez. RA16

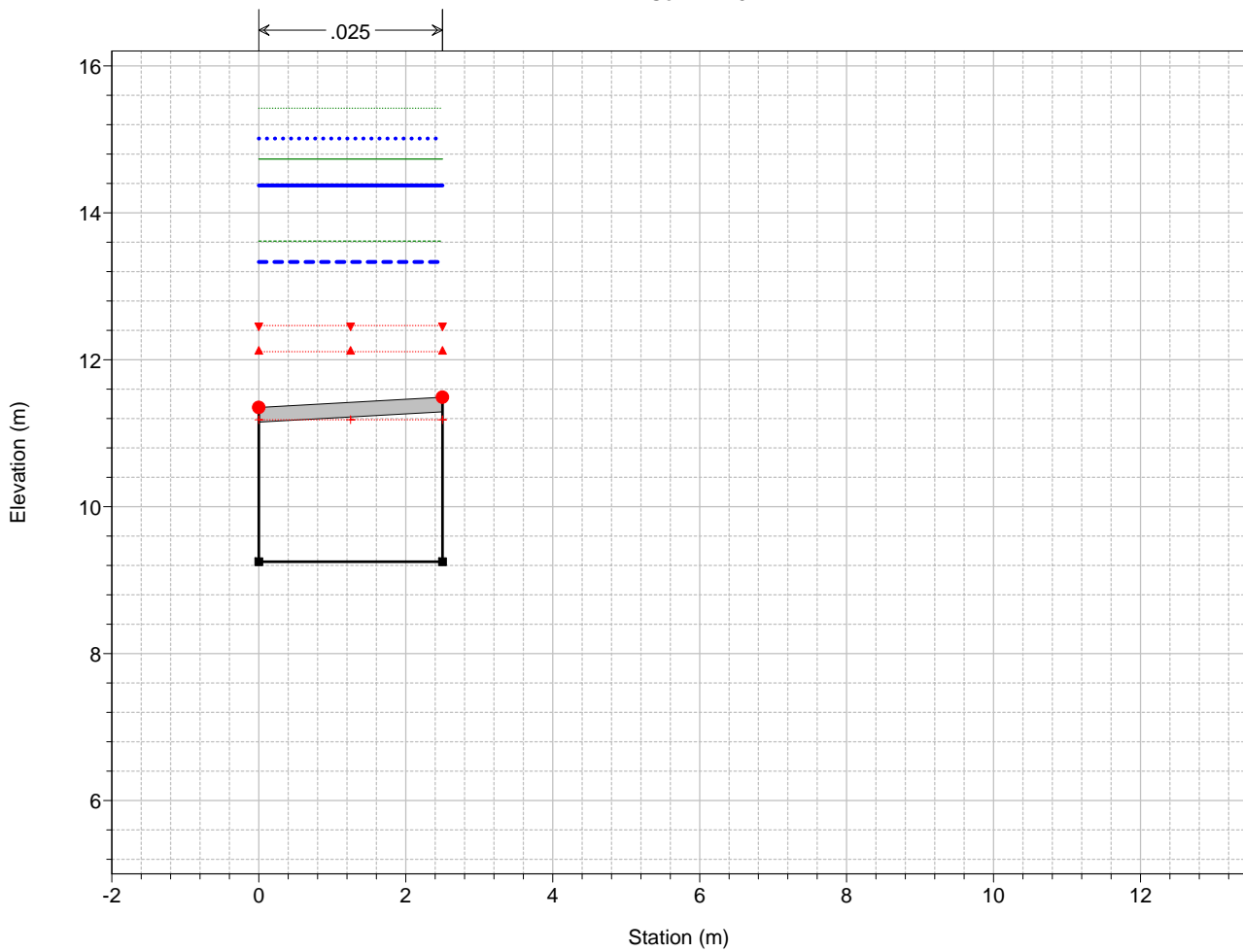


Rio Ragone  
Sez. RA15



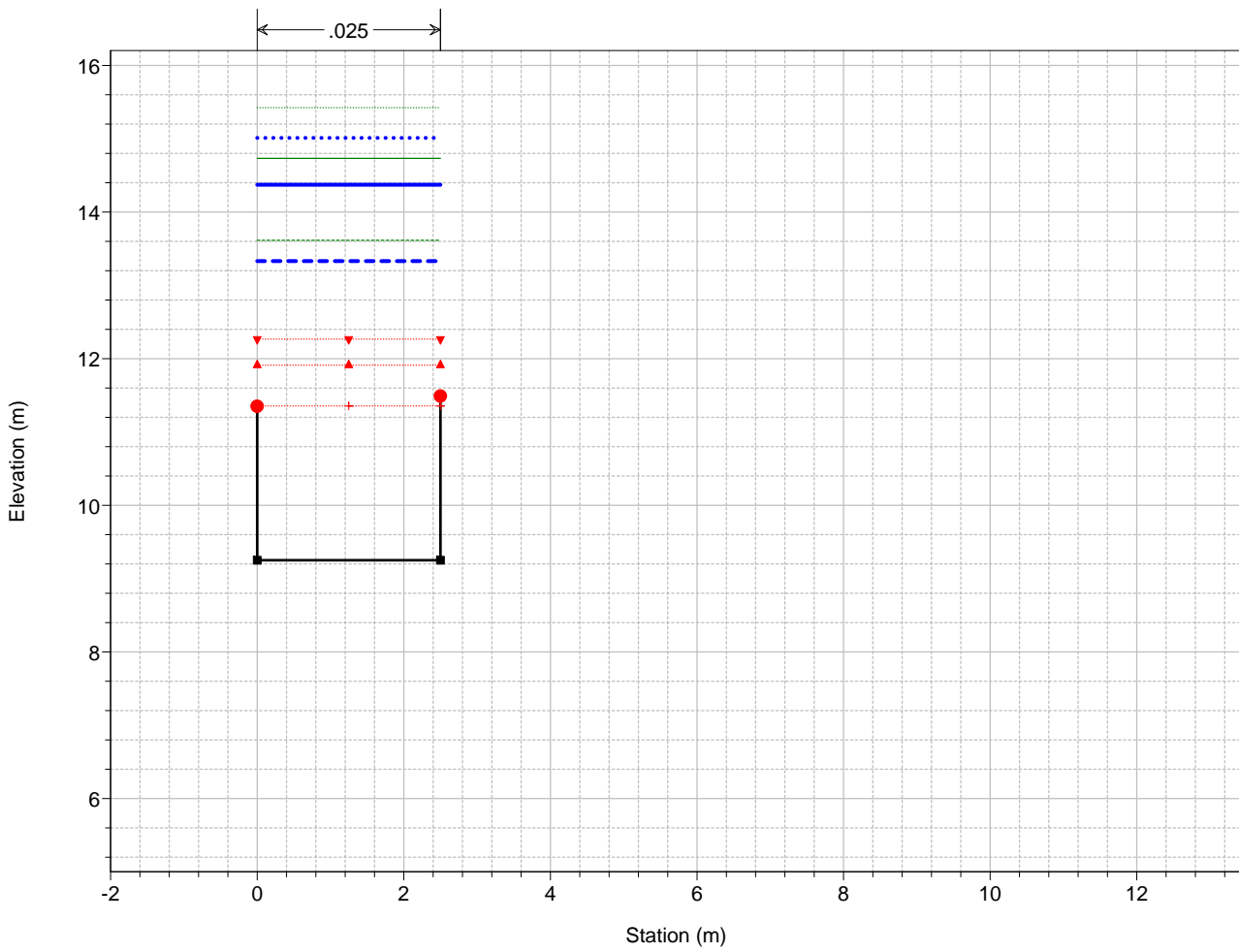
Legend	
EG T=500	(Dotted green line)
PL T=500	(Dotted blue line)
EG T=200	(Dotted green line)
PL T=200	(Solid blue line)
EG T=50	(Dotted green line)
PL T=50	(Dashed blue line)
Crit T=500	(Red inverted triangle)
Crit T=200	(Red triangle)
Crit T=50	(Red plus sign)
Fondo	(Solid black line)
Sponda	(Red circle)

Rio Ragone  
Sez. RA15



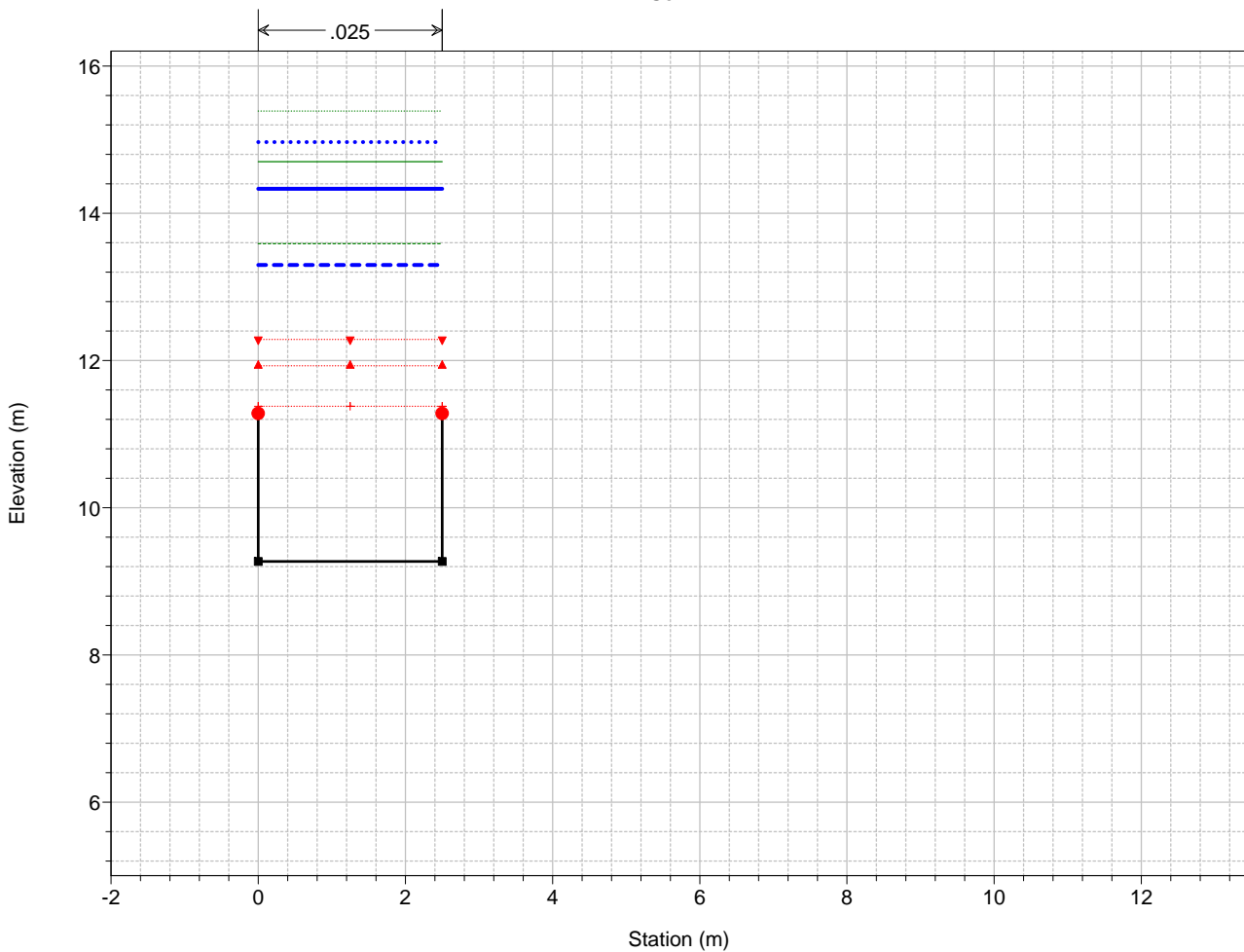
Legend	
EG T=500	(Dotted green line)
PL T=500	(Dotted blue line)
EG T=200	(Dotted green line)
PL T=200	(Solid blue line)
EG T=50	(Dotted green line)
PL T=50	(Dashed blue line)
Crit T=500	(Red inverted triangle)
Crit T=200	(Red triangle)
Crit T=50	(Red plus sign)
Fondo	(Solid black line)
Sponda	(Red circle)

# Rio Ragone



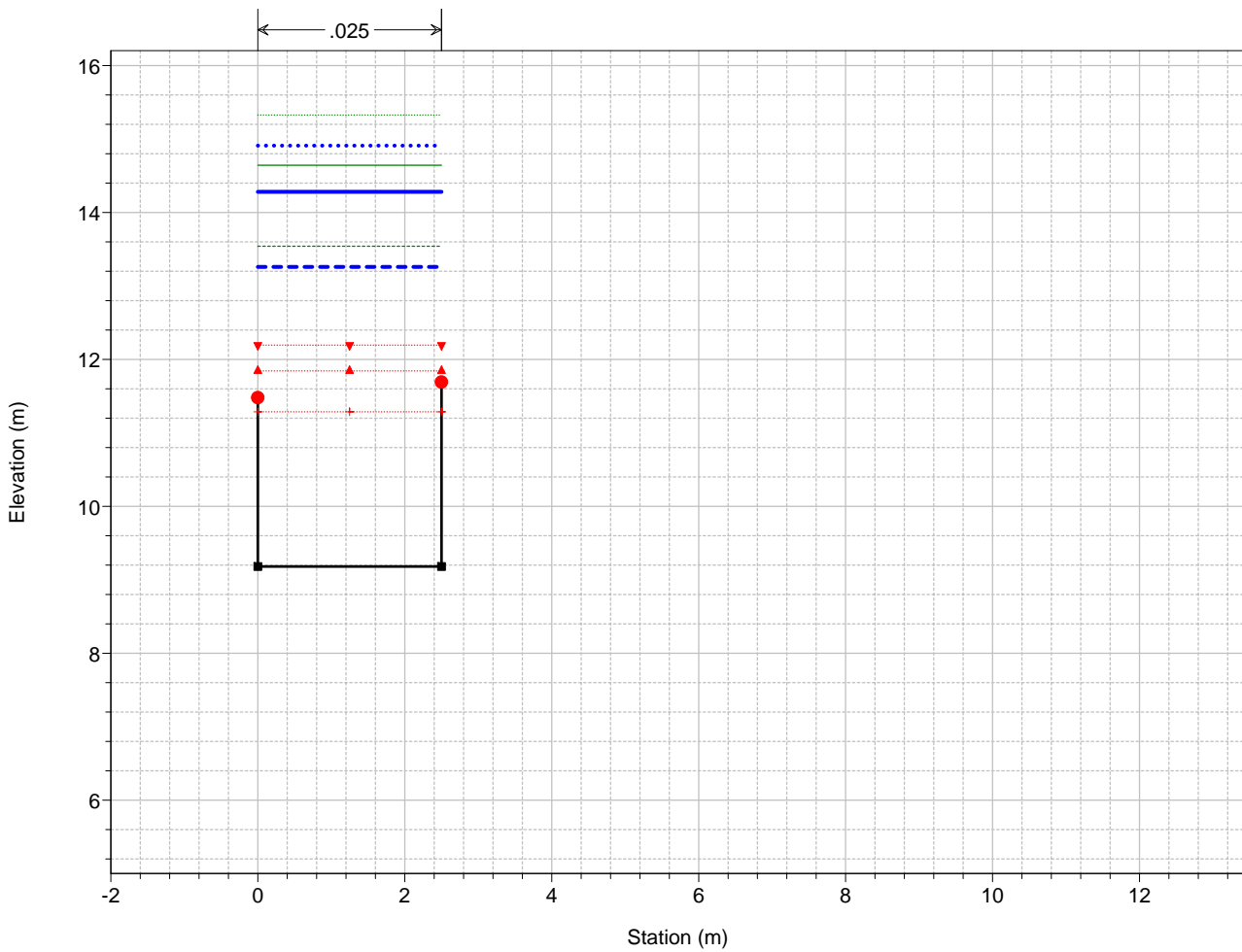
Legend	
EG T=500	(Dotted green line)
PL T=500	(Dotted blue line)
EG T=200	(Solid green line)
PL T=200	(Solid blue line)
EG T=50	(Dashed green line)
PL T=50	(Dashed blue line)
Crit T=500	(Red inverted triangle)
Crit T=200	(Red triangle)
Crit T=50	(Red plus sign)
Fondo	(Black square)
Sponda	(Red circle)

# Rio Ragone Sez. RA14



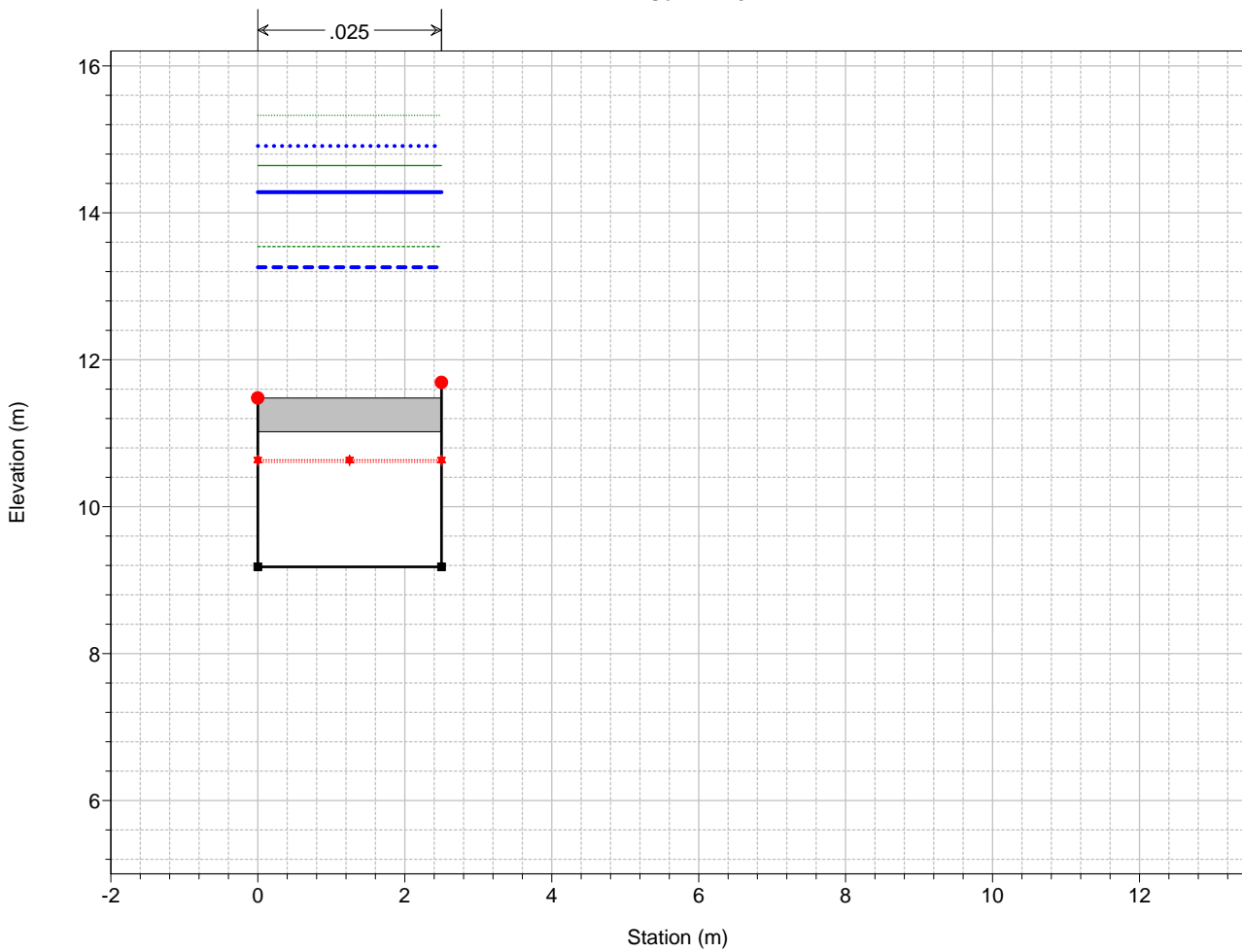
Legend	
EG T=500	(Dotted green line)
PL T=500	(Dotted blue line)
EG T=200	(Solid green line)
PL T=200	(Solid blue line)
EG T=50	(Dashed green line)
PL T=50	(Dashed blue line)
Crit T=500	(Red inverted triangle)
Crit T=200	(Red triangle)
Crit T=50	(Red plus sign)
Fondo	(Black square)
Sponda	(Red circle)

# Rio Ragone



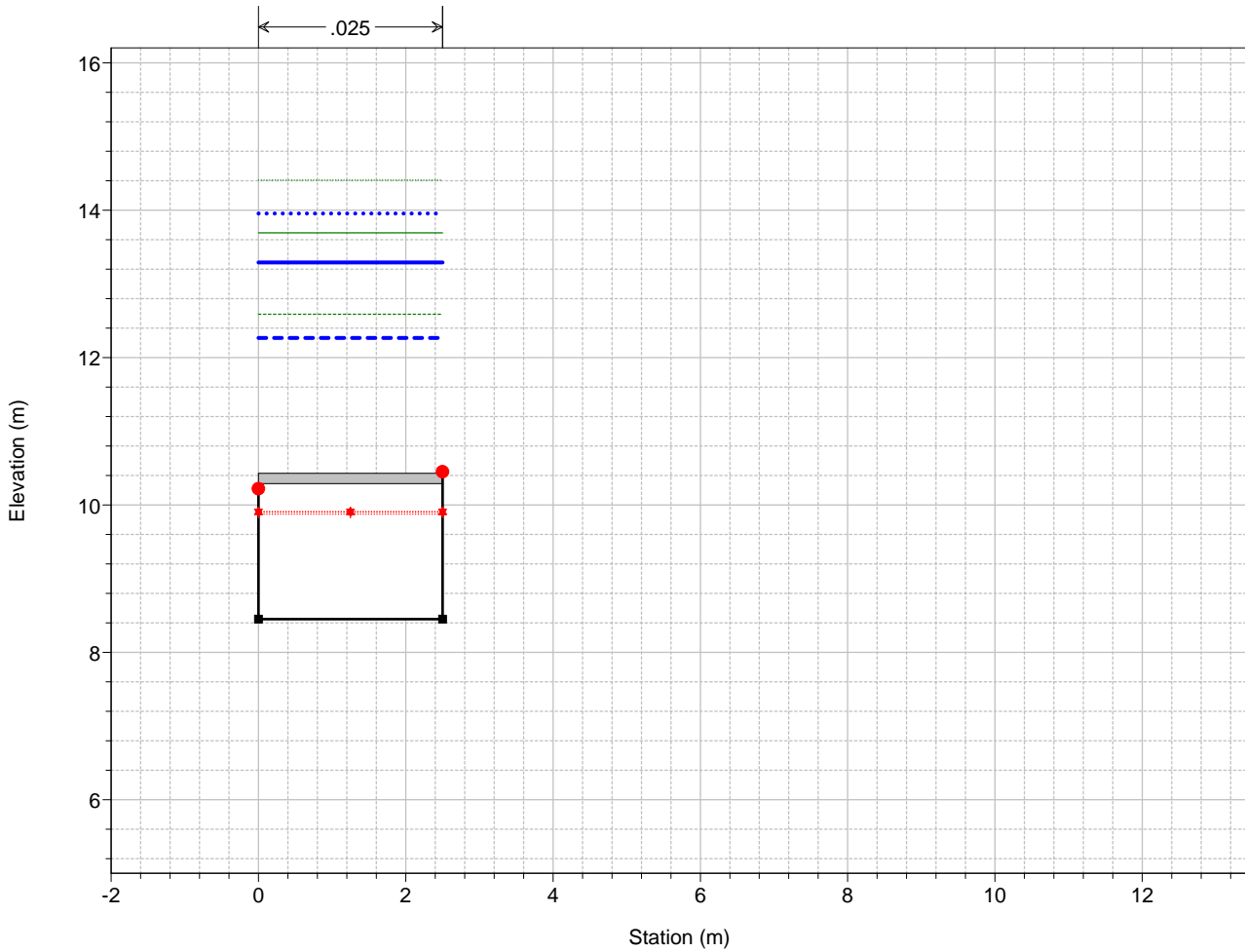
Legend	
EG T=500	(Dotted Green Line)
PL T=500	(Dotted Blue Line)
EG T=200	(Solid Green Line)
PL T=200	(Solid Blue Line)
EG T=50	(Dashed Green Line)
PL T=50	(Dashed Blue Line)
Crit T=500	(Red Inverted Triangle)
Crit T=200	(Red Triangle)
Crit T=50	(Red Plus Sign)
Fondo	(Black Square)
Sponda	(Red Circle)

# Rio Ragone Sez. RA13



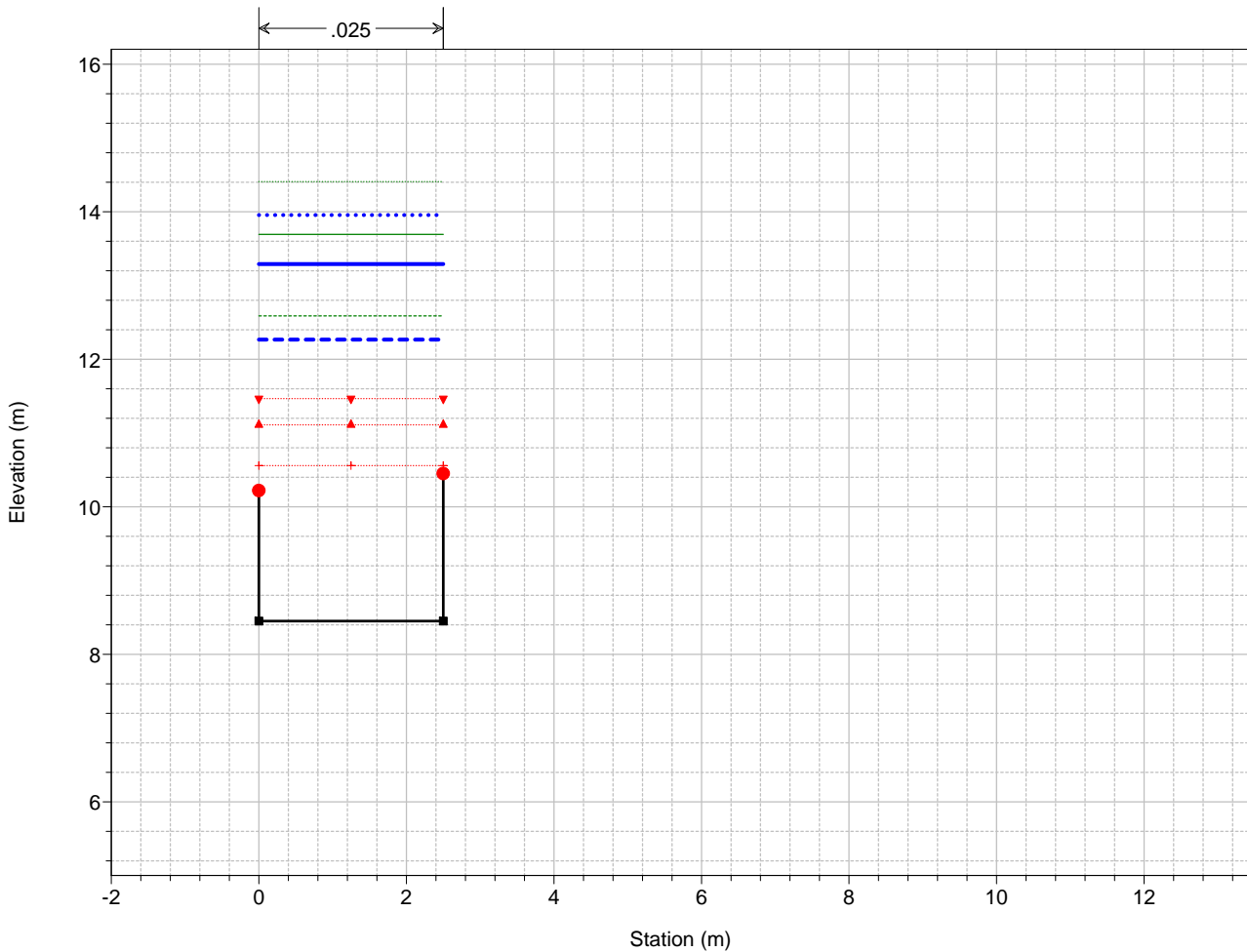
Legend	
EG T=500	(Dotted Green Line)
PL T=500	(Dotted Blue Line)
EG T=200	(Solid Green Line)
PL T=200	(Solid Blue Line)
EG T=50	(Dashed Green Line)
PL T=50	(Dashed Blue Line)
Crit T=500	(Red Inverted Triangle)
Crit T=200	(Red Triangle)
Crit T=50	(Red Plus Sign)
Fondo	(Black Square)
Sponda	(Red Circle)

Rio Ragone  
Sez. RA13



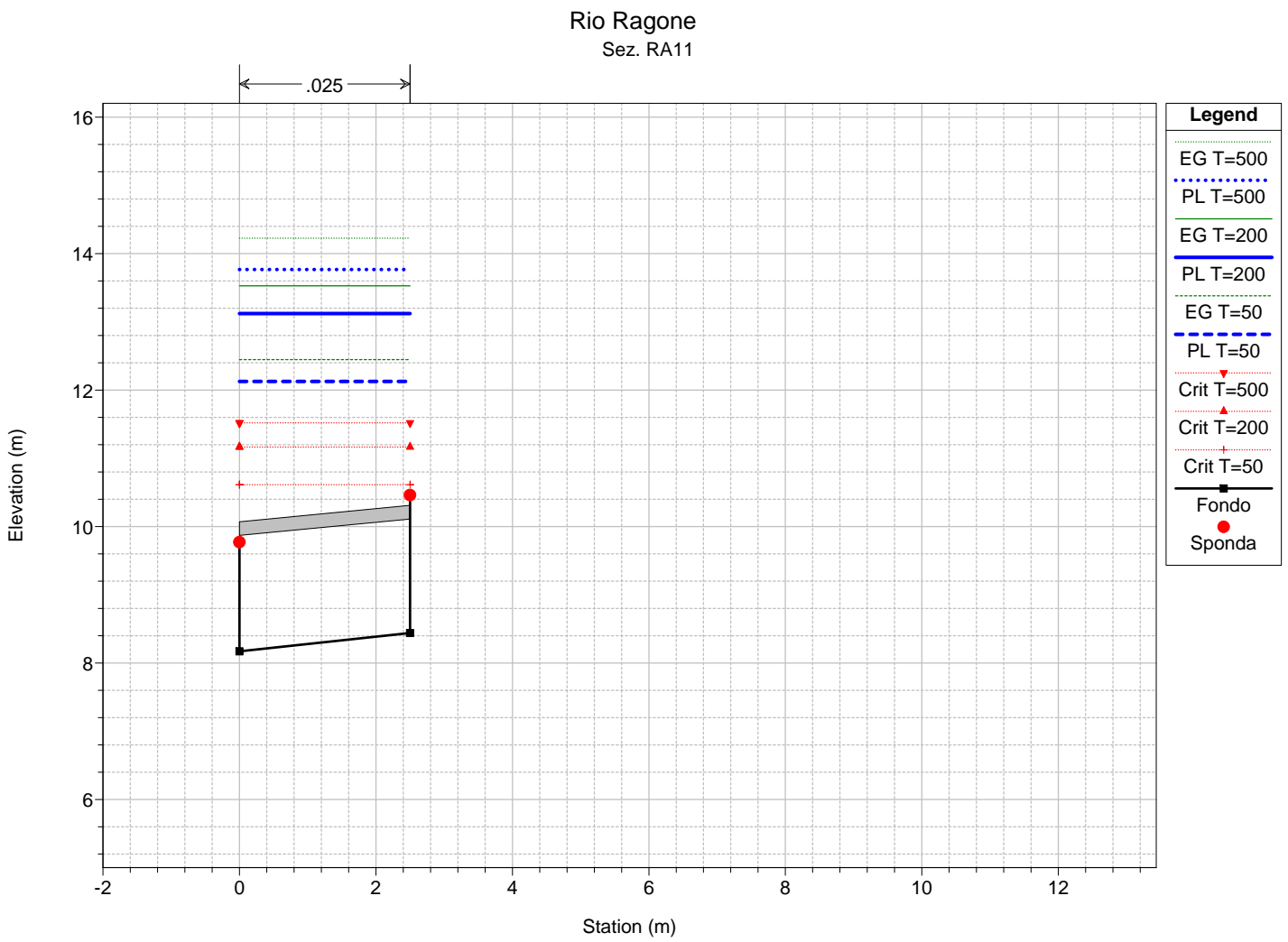
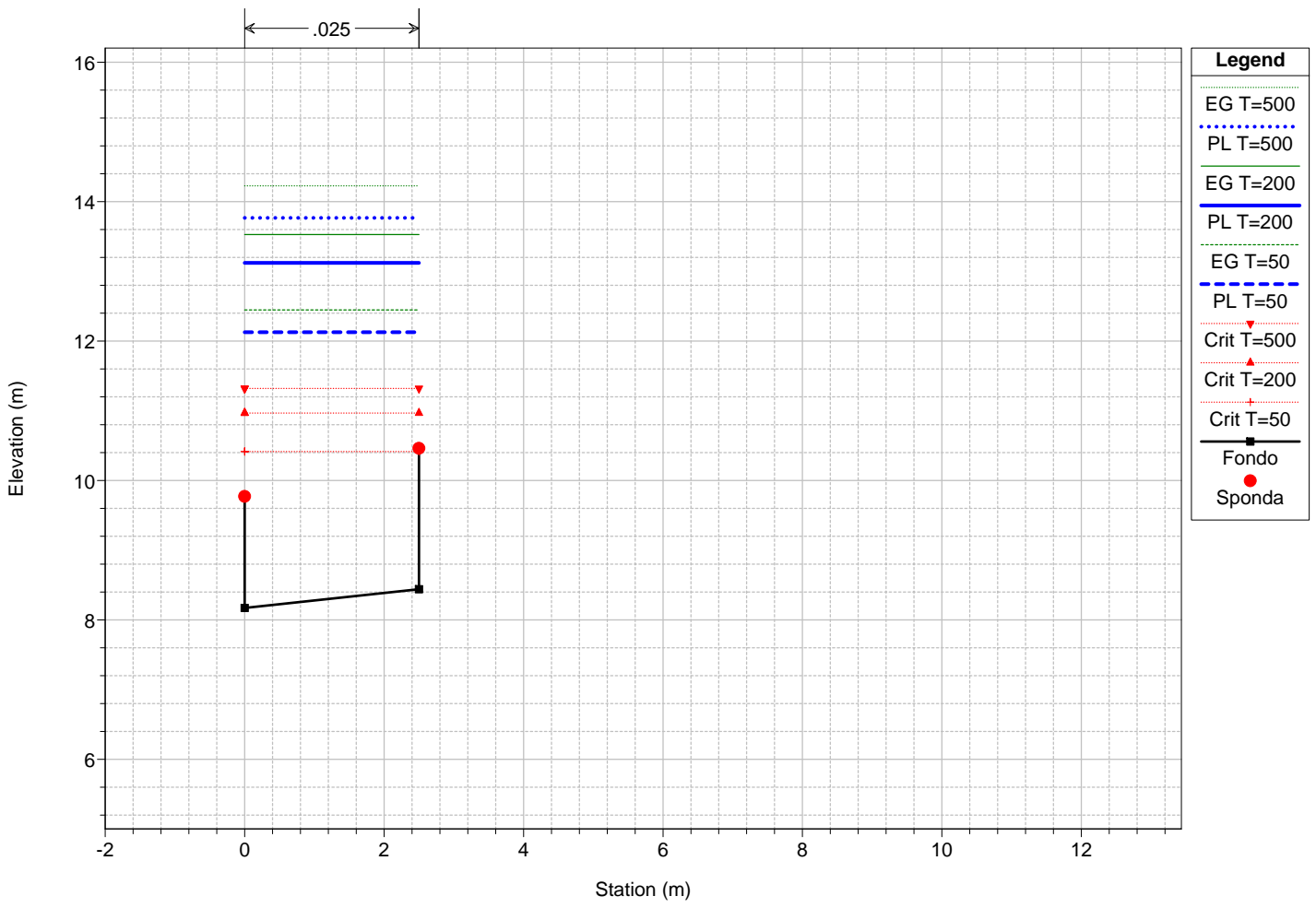
Legend	
EG T=500	(Dotted Green Line)
PL T=500	(Dotted Blue Line)
EG T=200	(Solid Green Line)
PL T=200	(Solid Blue Line)
EG T=50	(Dashed Green Line)
PL T=50	(Dashed Blue Line)
Crit T=500	(Red Inverted Triangle)
Crit T=200	(Red Triangle)
Crit T=50	(Red Plus Sign)
Fondo	(Black Square)
Sponda	(Red Circle)

Rio Ragone  
Sez. RA12



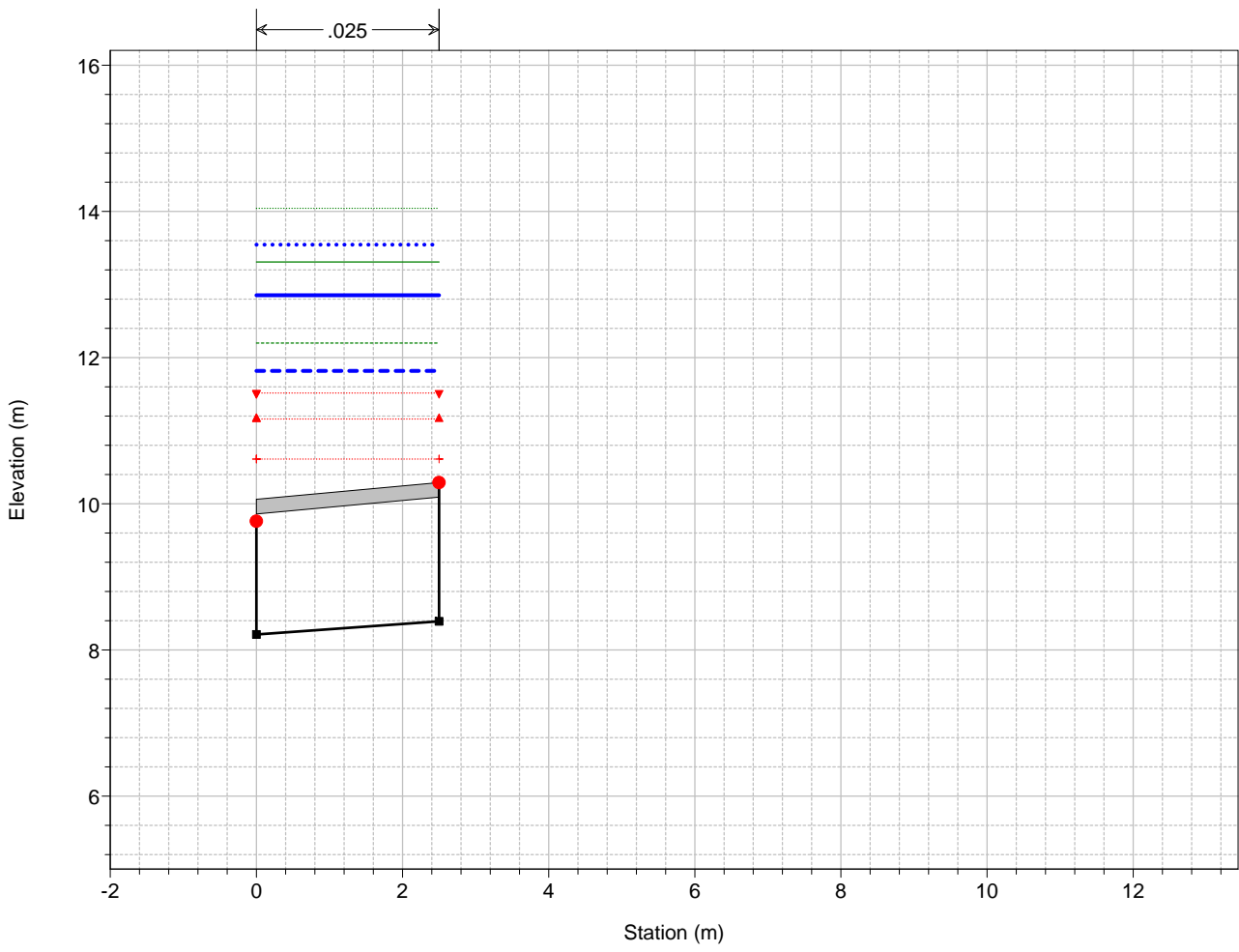
Legend	
EG T=500	(Dotted Green Line)
PL T=500	(Dotted Blue Line)
EG T=200	(Solid Green Line)
PL T=200	(Solid Blue Line)
EG T=50	(Dashed Green Line)
PL T=50	(Dashed Blue Line)
Crit T=500	(Red Inverted Triangle)
Crit T=200	(Red Triangle)
Crit T=50	(Red Plus Sign)
Fondo	(Black Square)
Sponda	(Red Circle)

# Rio Ragone



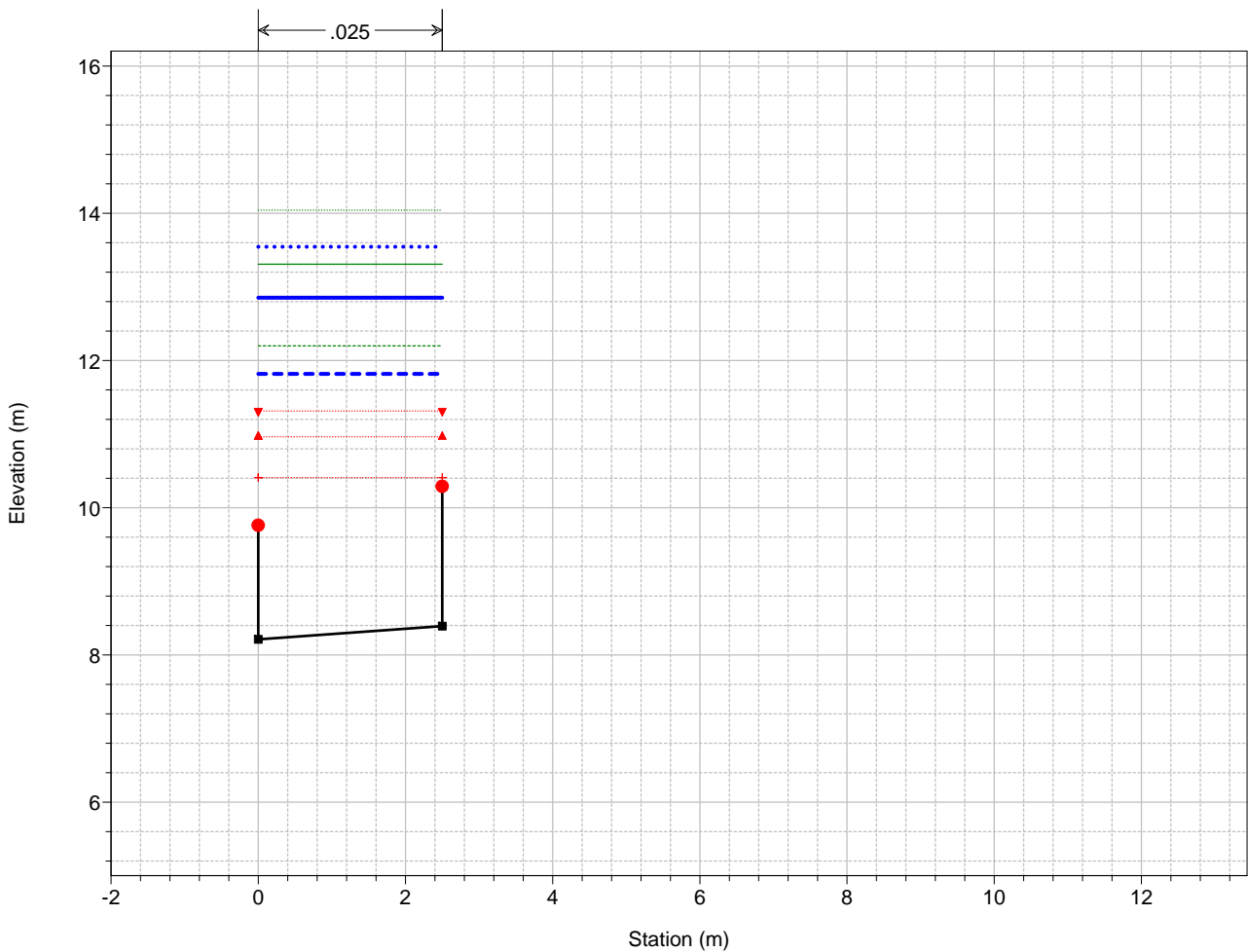
1 cm Horiz. = 1 m    1 cm Vert. = 1 m

Rio Ragone  
Sez. RA11



Legend	
EG T=500	PL T=500
EG T=200	PL T=200
EG T=50	PL T=50
Crit T=500	Crit T=200
Crit T=50	Fondo
Sponda	

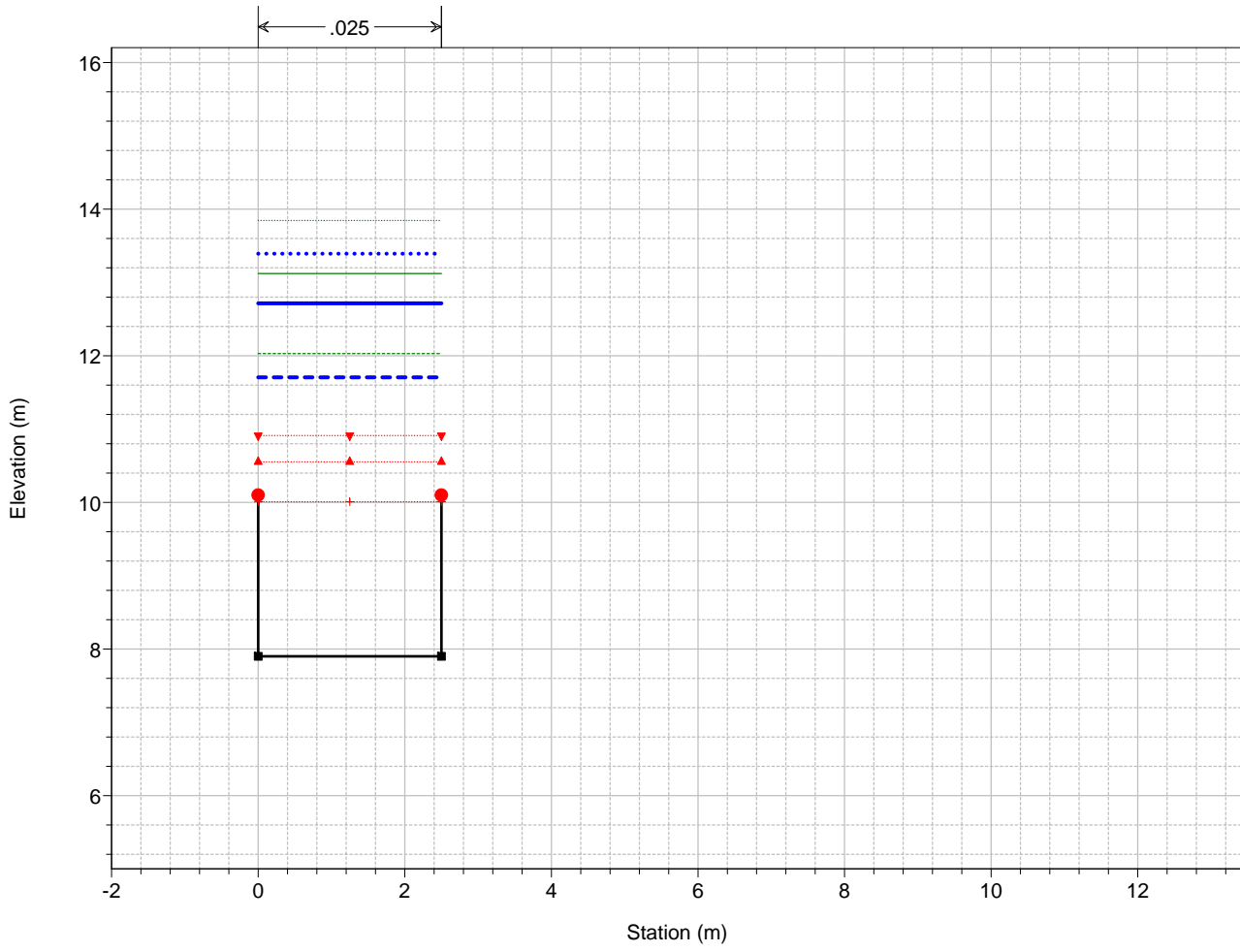
Rio Ragone



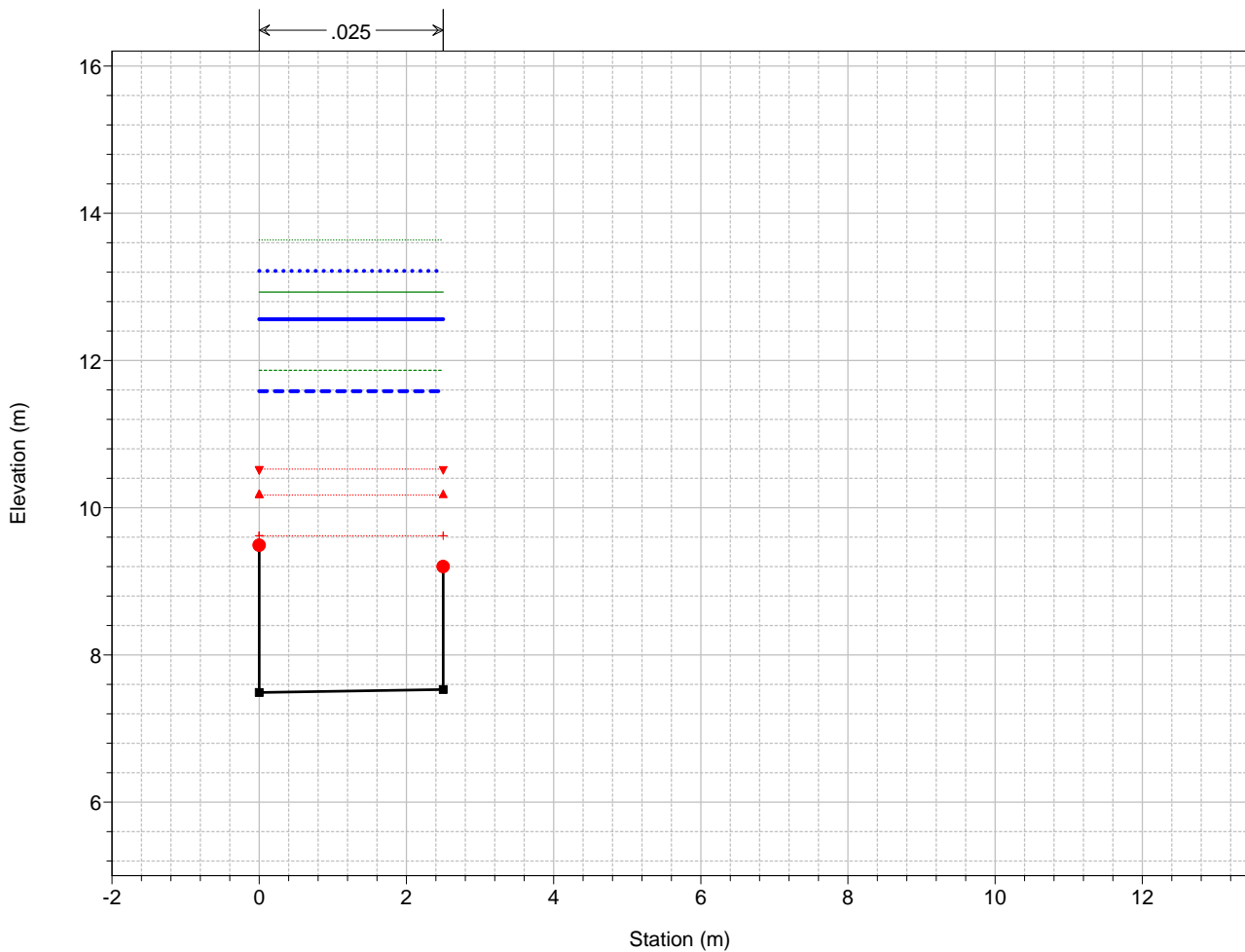
Legend	
EG T=500	PL T=500
EG T=200	PL T=200
EG T=50	PL T=50
Crit T=500	Crit T=200
Crit T=50	Fondo
Sponda	



Rio Ragone  
Sez. RA10

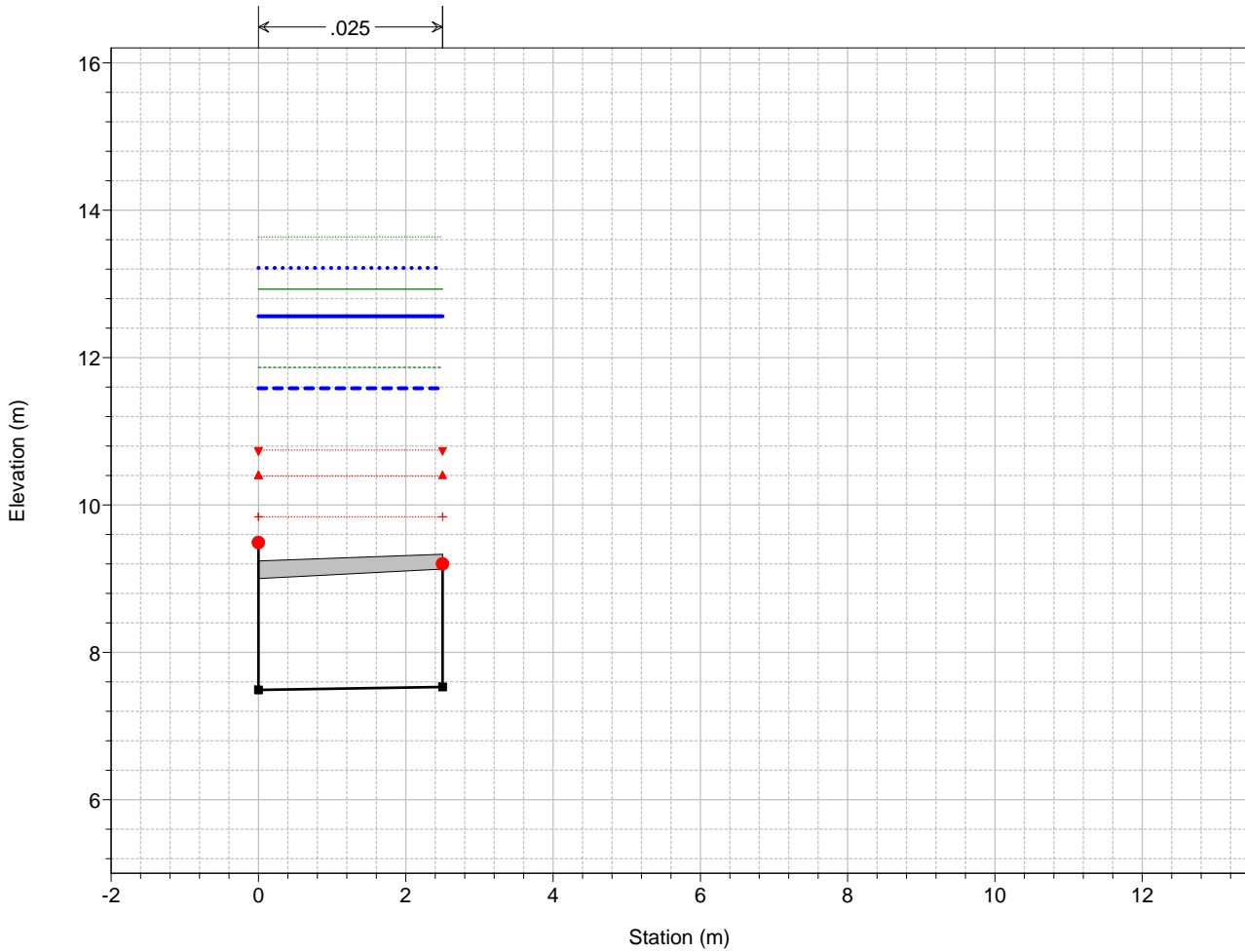


Legend	
EG T=500	(Dotted green line)
PL T=500	(Dotted blue line)
EG T=200	(Solid green line)
PL T=200	(Solid blue line)
EG T=50	(Dotted green line)
PL T=50	(Dashed blue line)
Crit T=500	(Red inverted triangle)
Crit T=200	(Red triangle)
Crit T=50	(Red plus sign)
Fondo	(Black square)
Sponda	(Red circle)



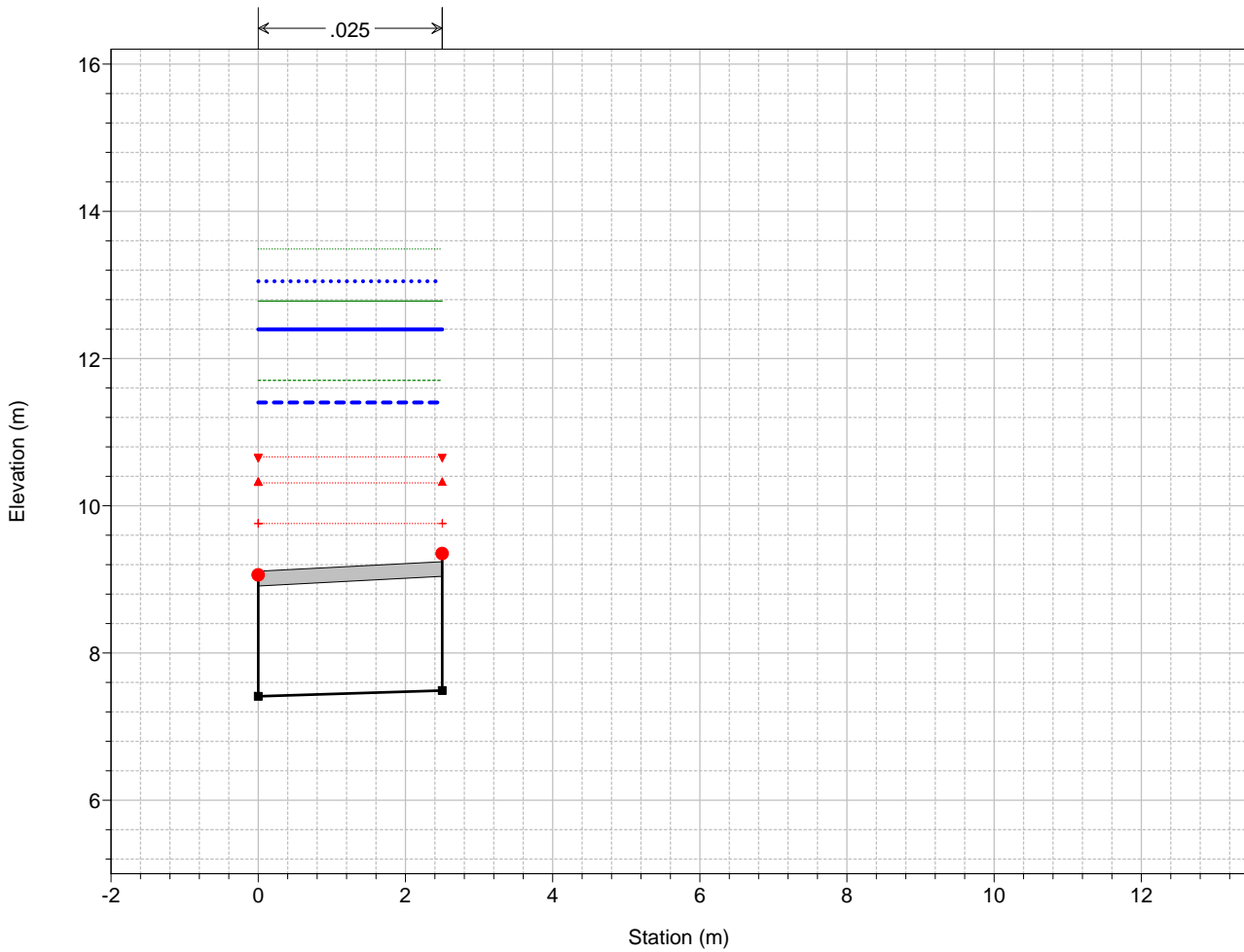
Legend	
EG T=500	(Dotted green line)
PL T=500	(Dotted blue line)
EG T=200	(Solid green line)
PL T=200	(Solid blue line)
EG T=50	(Dotted green line)
PL T=50	(Dashed blue line)
Crit T=500	(Red inverted triangle)
Crit T=200	(Red triangle)
Crit T=50	(Red plus sign)
Fondo	(Black square)
Sponda	(Red circle)

Rio Ragone  
Sez. RA09



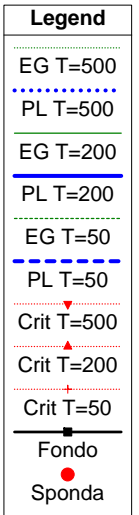
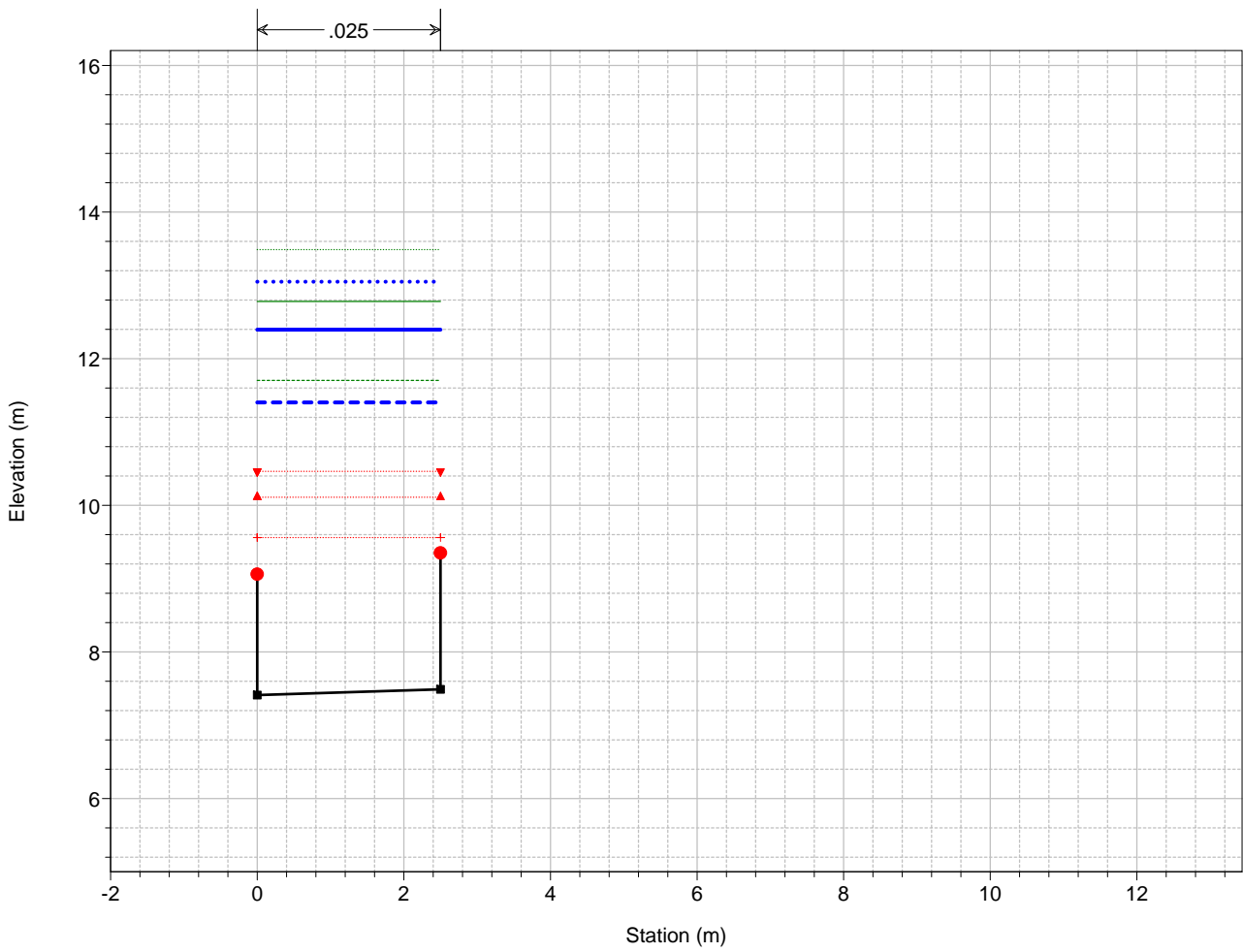
Legend	
EG T=500	(Green dotted line)
PL T=500	(Blue dotted line)
EG T=200	(Green solid line)
PL T=200	(Blue solid line)
EG T=50	(Green dashed line)
PL T=50	(Blue dashed line)
Crit T=500	(Red inverted triangle)
Crit T=200	(Red triangle)
Crit T=50	(Red plus sign)
Fondo	(Black square)
Sponda	(Red circle)

Rio Ragone  
Sez. RA09

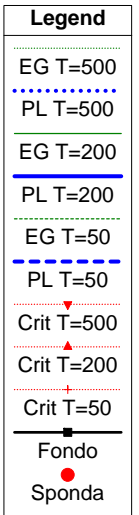
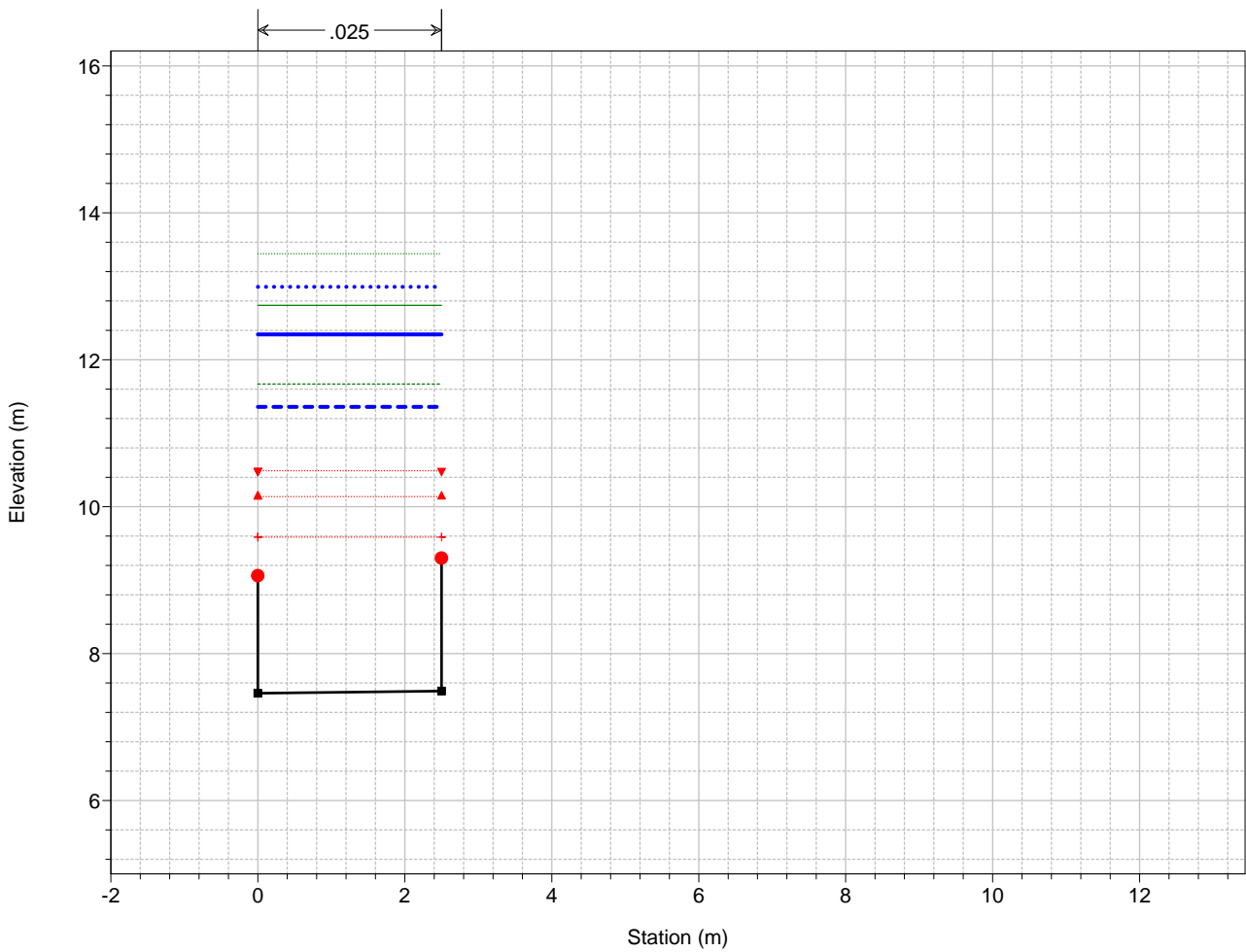


Legend	
EG T=500	(Green dotted line)
PL T=500	(Blue dotted line)
EG T=200	(Green solid line)
PL T=200	(Blue solid line)
EG T=50	(Green dashed line)
PL T=50	(Blue dashed line)
Crit T=500	(Red inverted triangle)
Crit T=200	(Red triangle)
Crit T=50	(Red plus sign)
Fondo	(Black square)
Sponda	(Red circle)

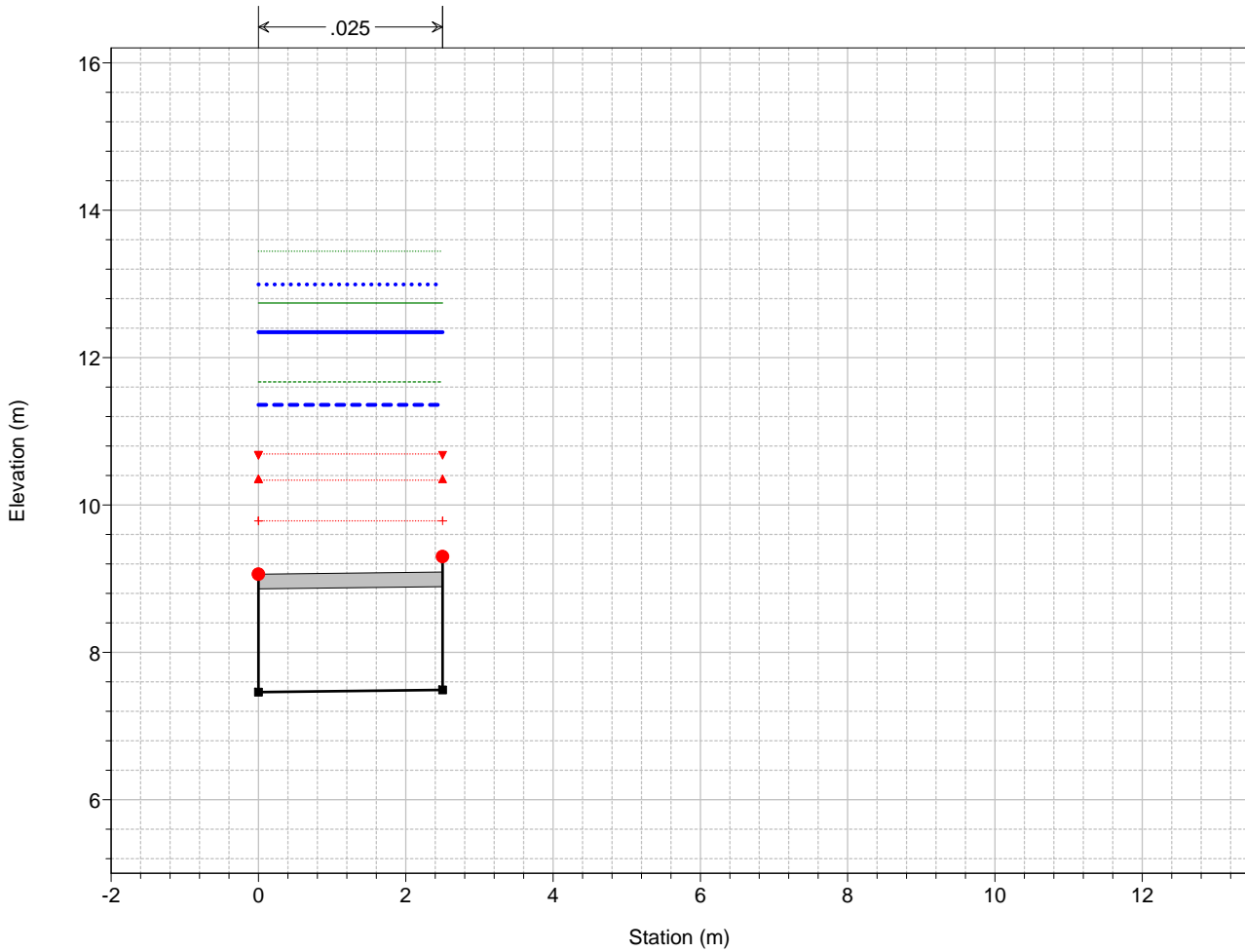
# Rio Ragone



# Rio Ragone

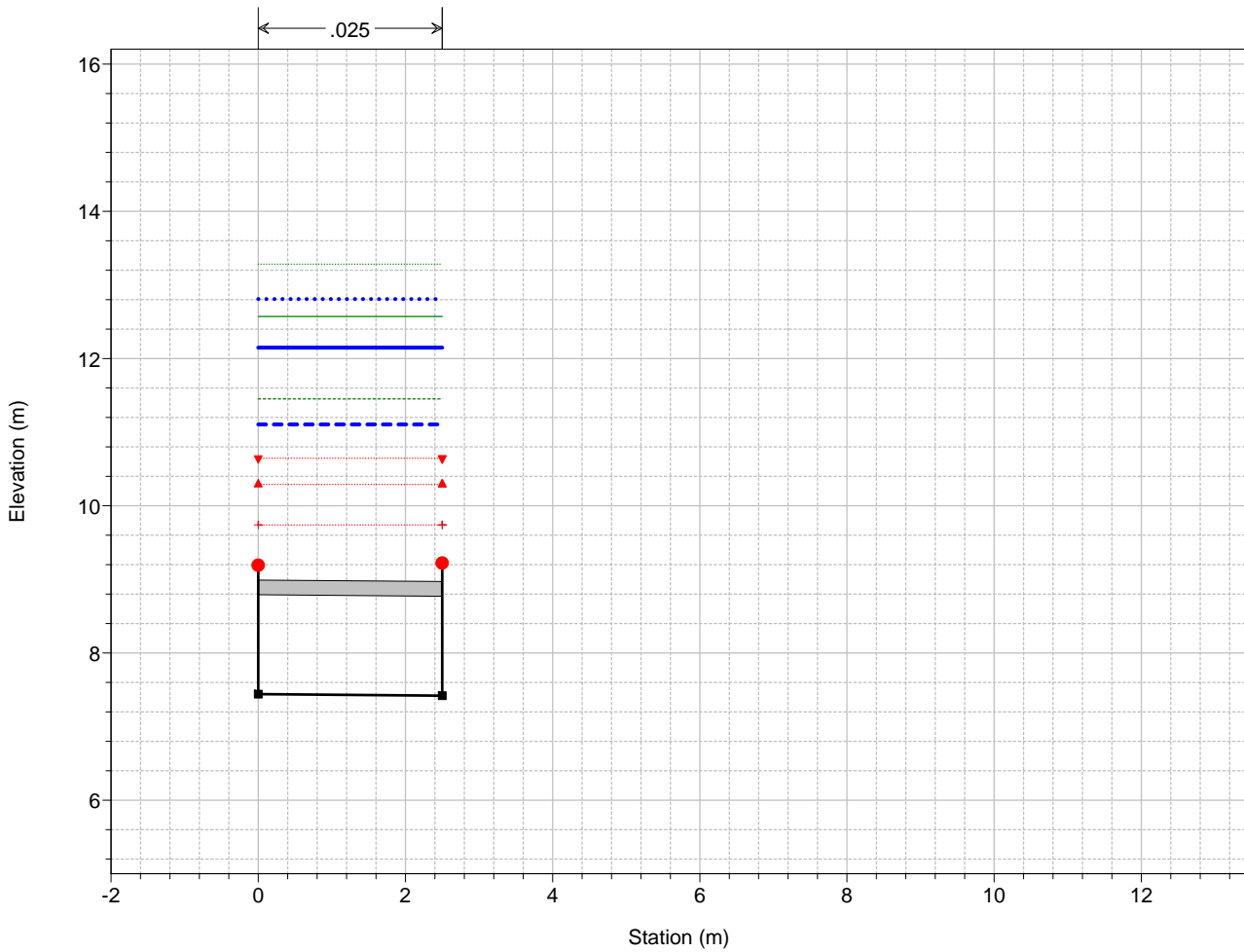


Rio Ragone  
Sez. RA08



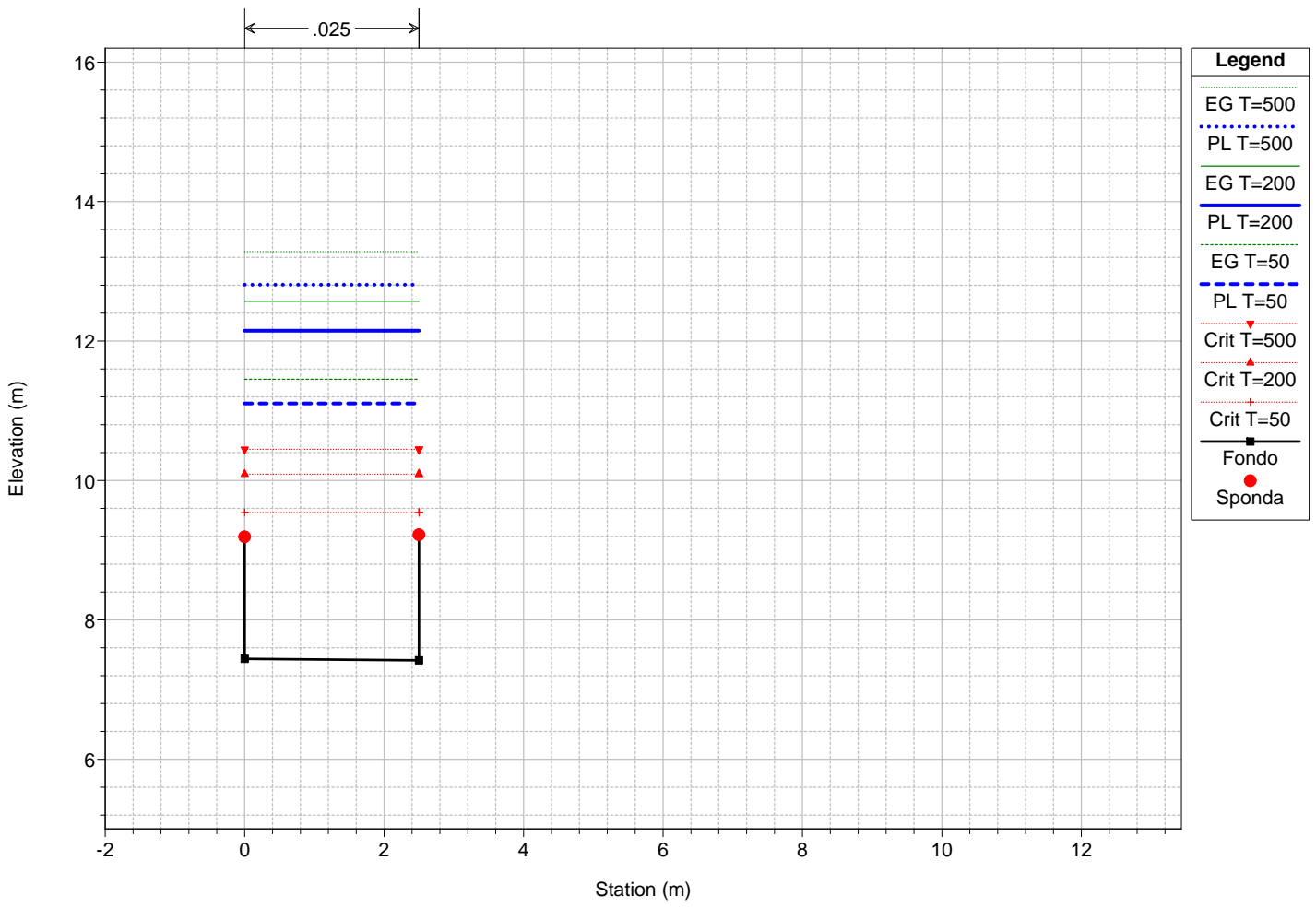
Legend	
EG T=500	(dotted green line)
PL T=500	(dotted blue line)
EG T=200	(solid green line)
PL T=200	(solid blue line)
EG T=50	(dashed green line)
PL T=50	(dashed blue line)
Crit T=500	(dotted red line with inverted triangle)
Crit T=200	(dotted red line with triangle)
Crit T=50	(dotted red line with plus)
Fondo	(solid black line with square)
Sponda	(solid red line with circle)

Rio Ragone  
Sez. RA08

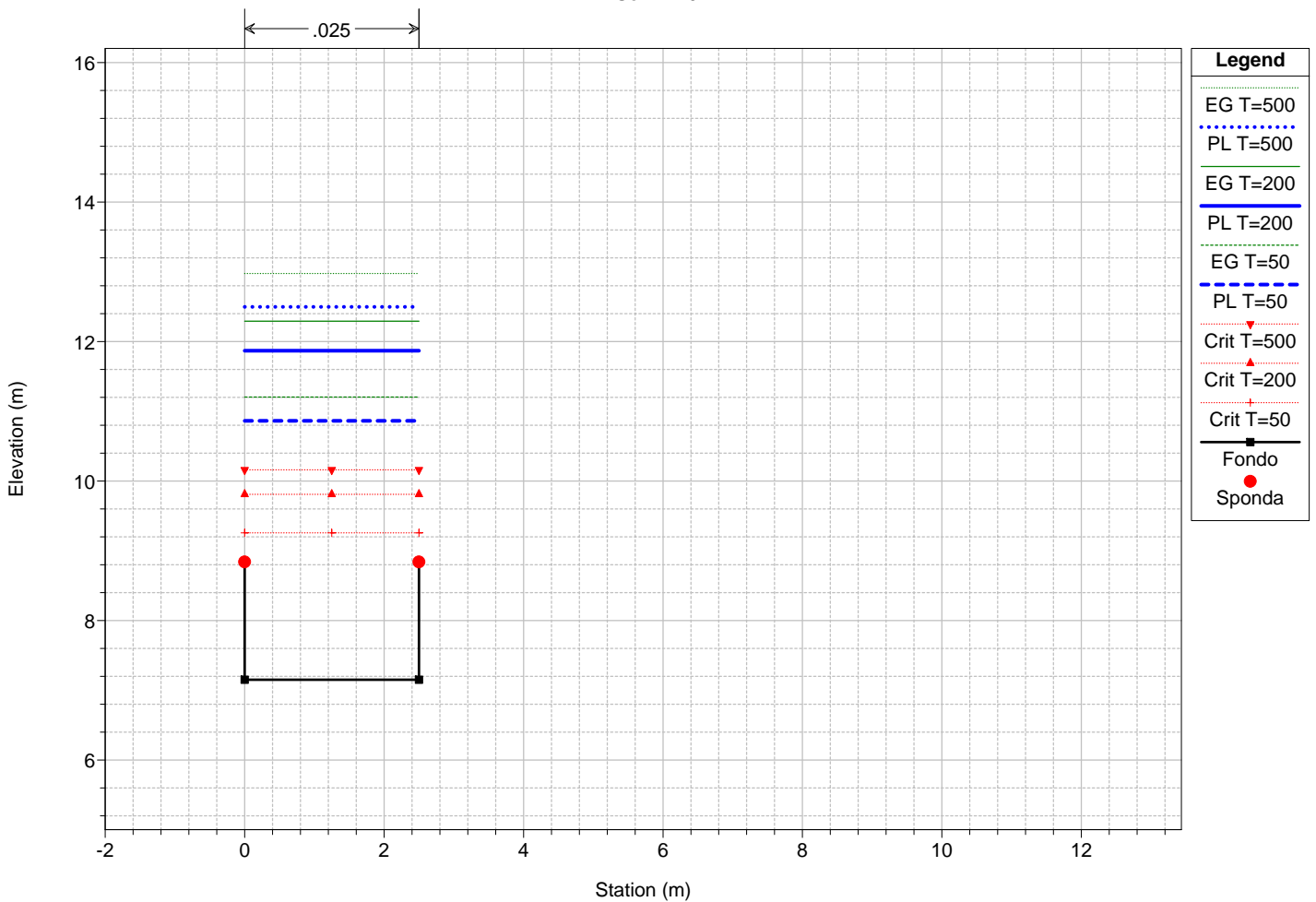


Legend	
EG T=500	(dotted green line)
PL T=500	(dotted blue line)
EG T=200	(solid green line)
PL T=200	(solid blue line)
EG T=50	(dashed green line)
PL T=50	(dashed blue line)
Crit T=500	(dotted red line with inverted triangle)
Crit T=200	(dotted red line with triangle)
Crit T=50	(dotted red line with plus)
Fondo	(solid black line with square)
Sponda	(solid red line with circle)

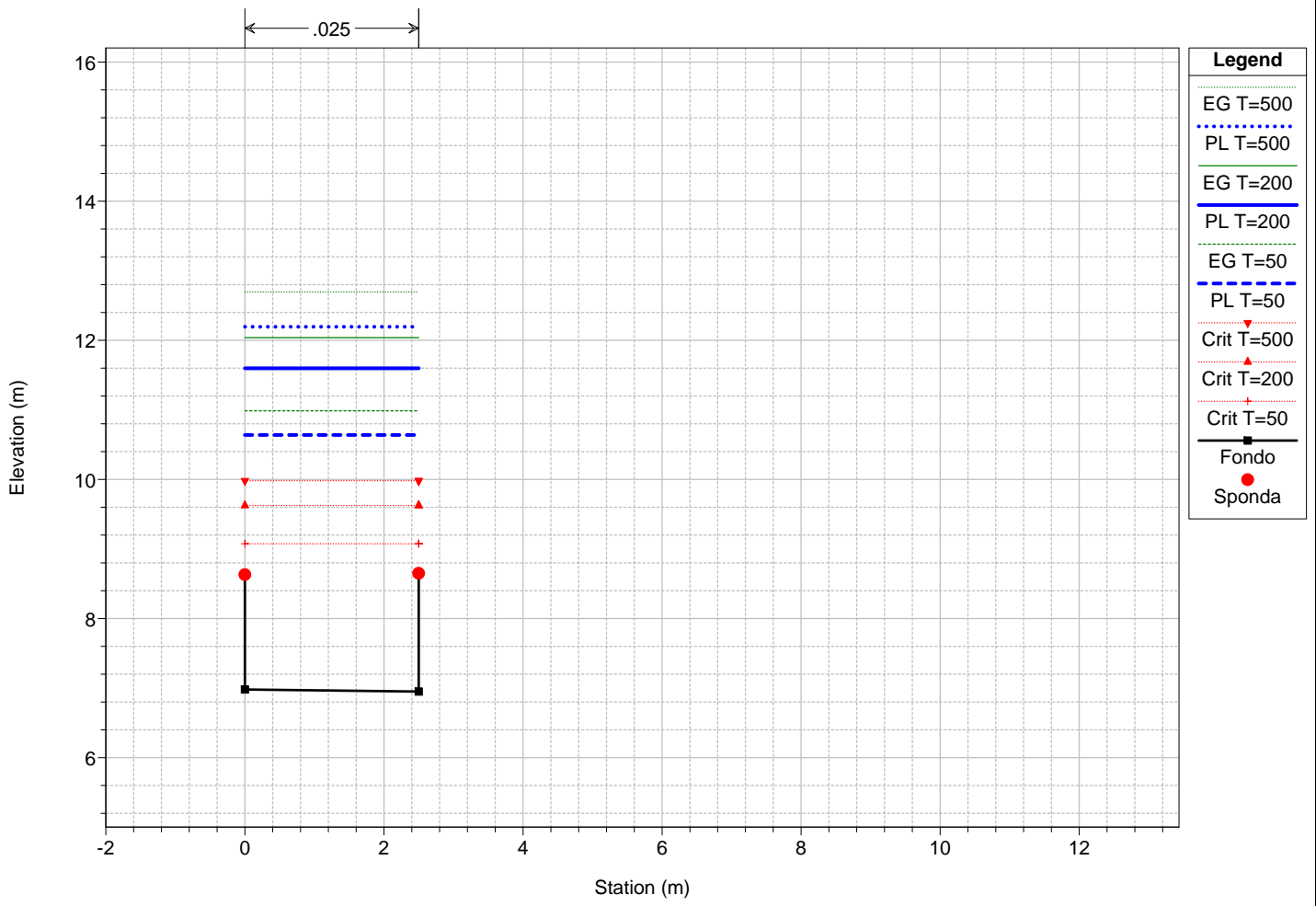
# Rio Ragone



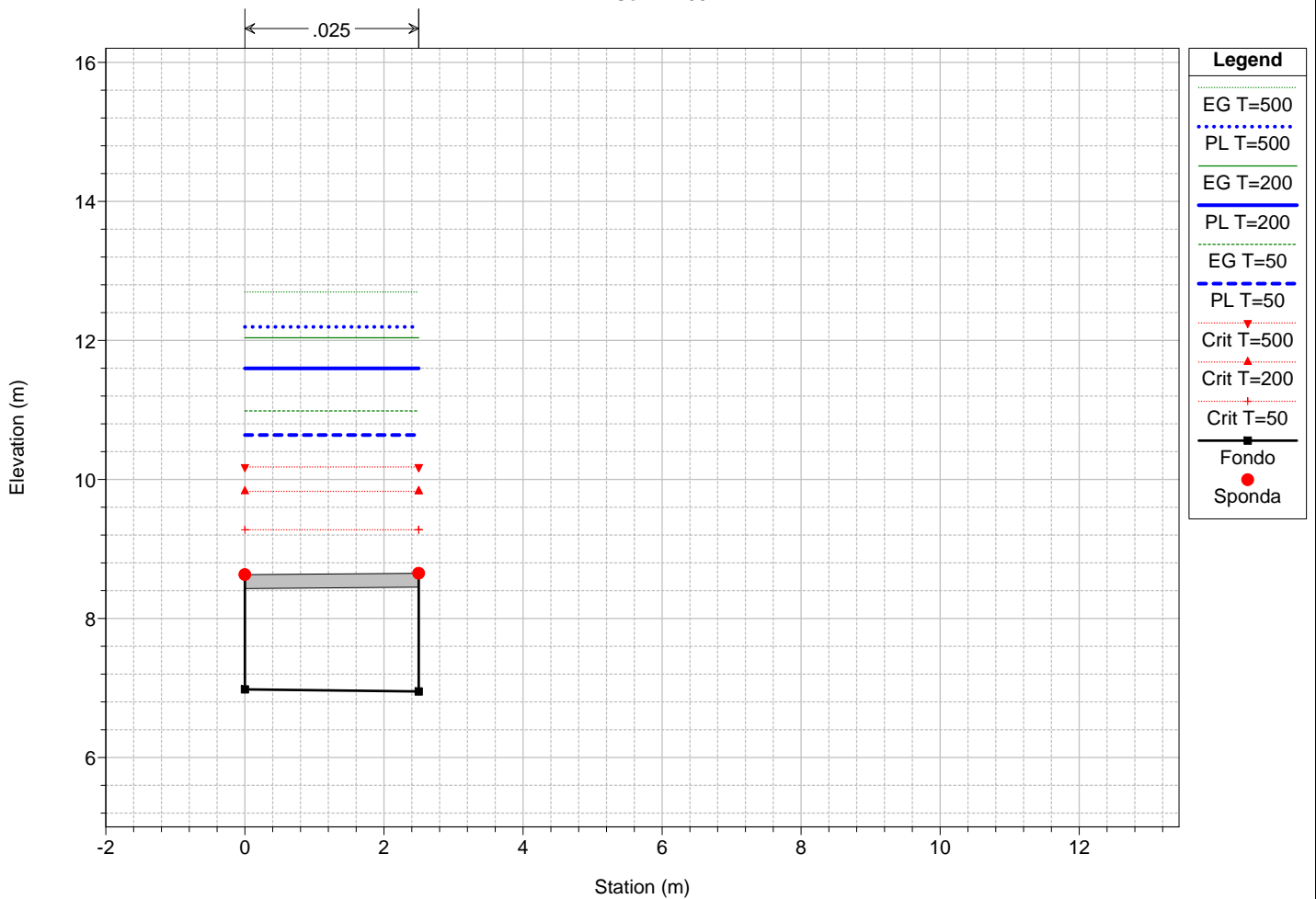
# Rio Ragone Sez. RA07



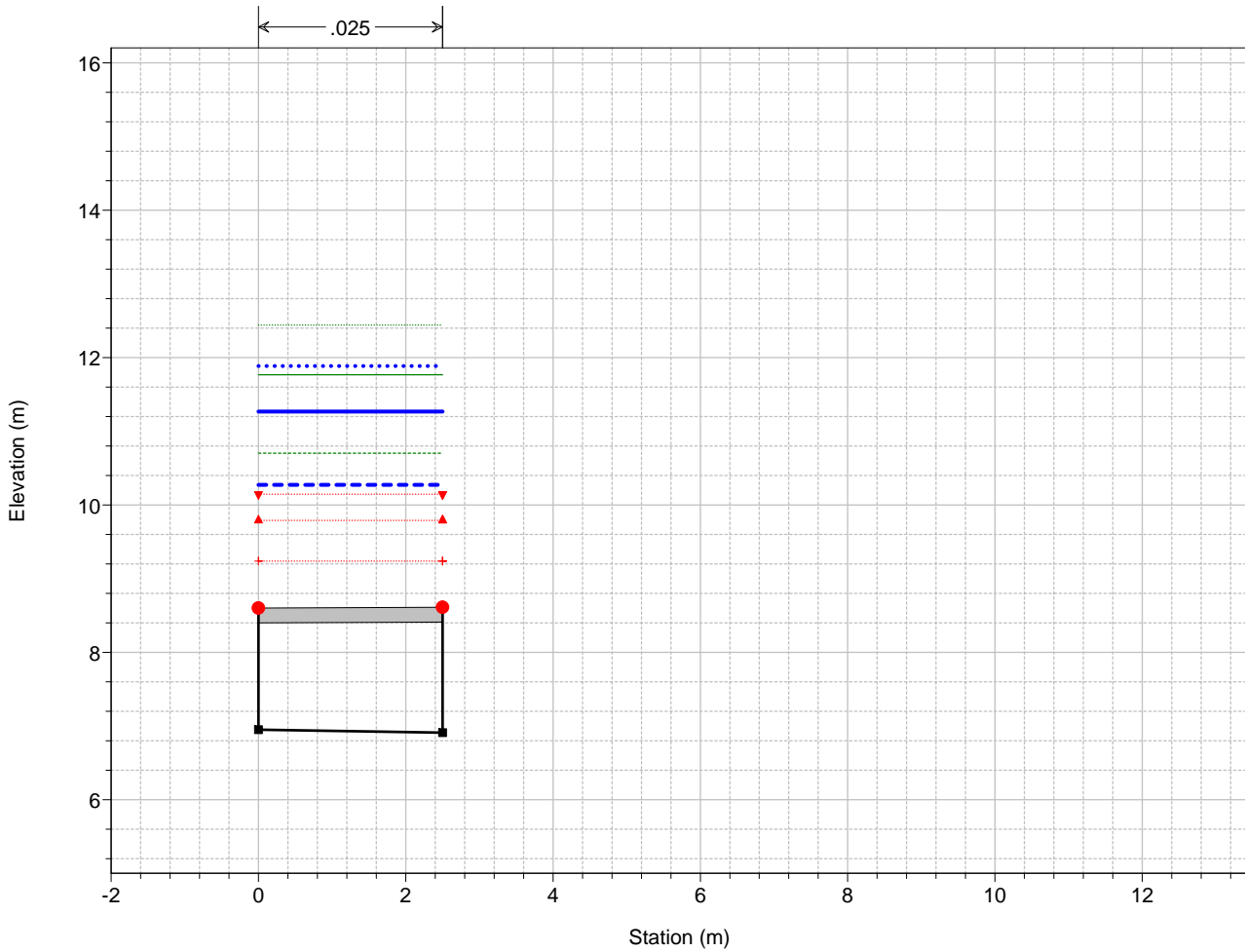
# Rio Ragone



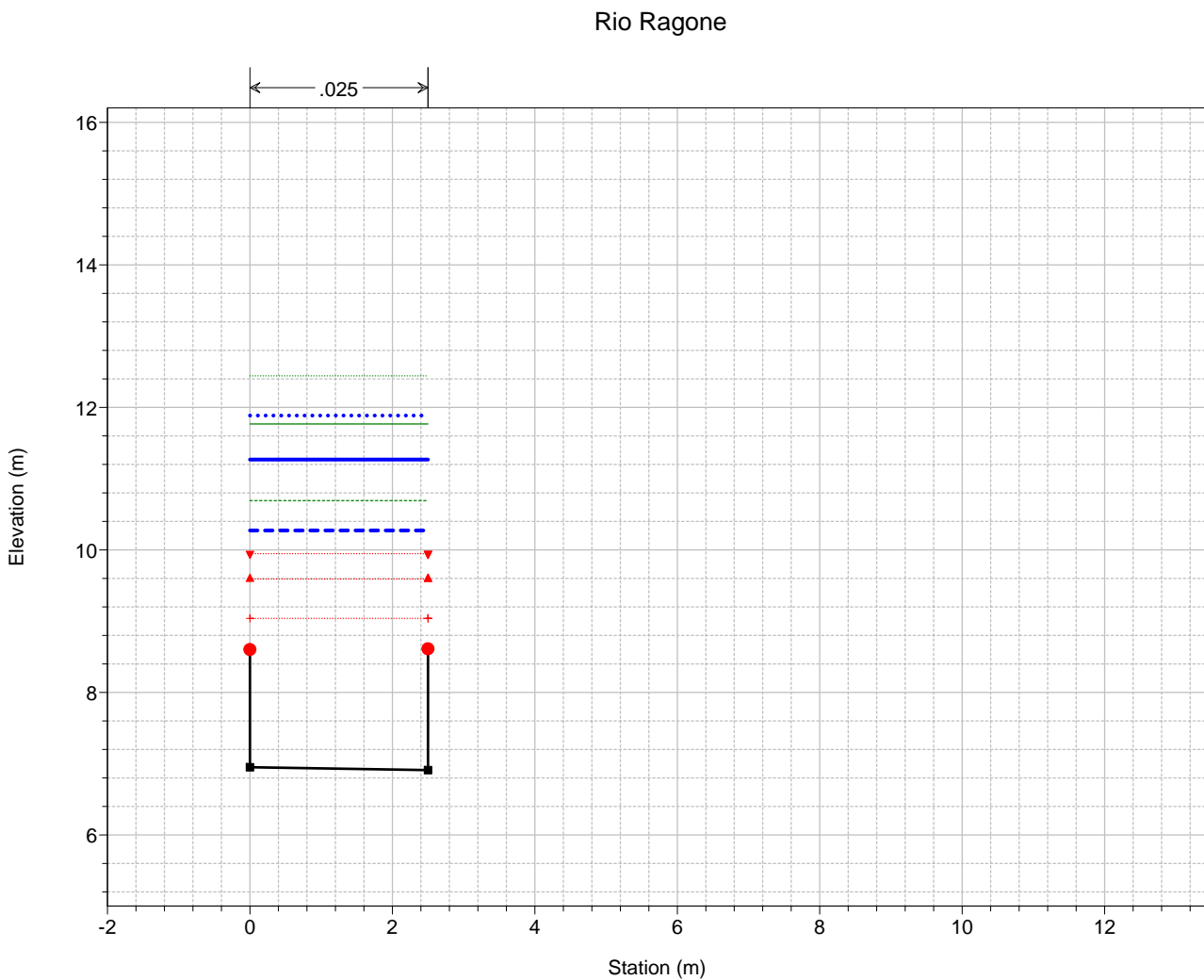
# Rio Ragone Sez. RA06



Rio Ragone  
Sez. RA06

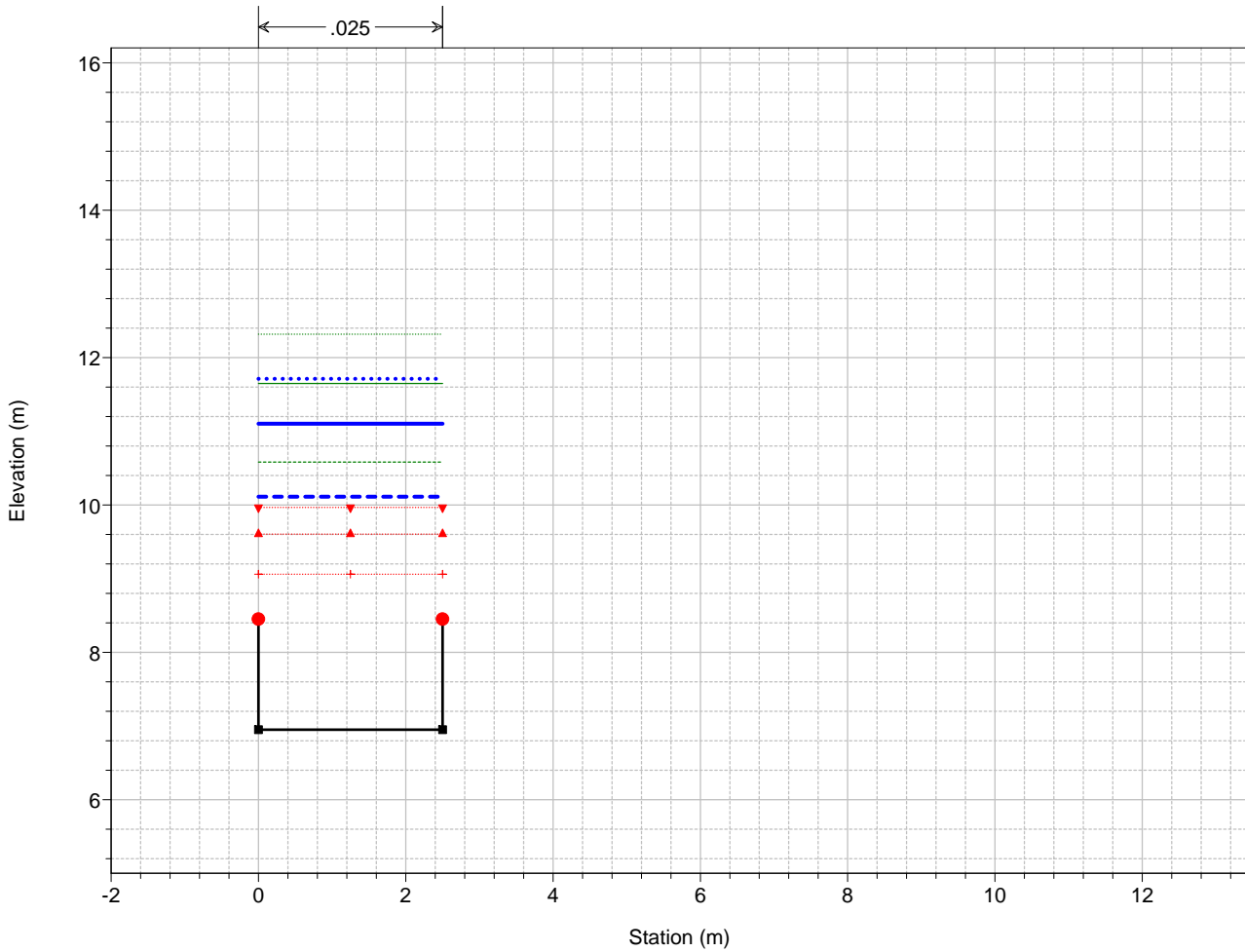


Legend	
EG T=500	(Dotted green line)
PL T=500	(Dotted blue line)
EG T=200	(Solid blue line)
PL T=200	(Solid blue line)
EG T=50	(Dashed green line)
PL T=50	(Dashed blue line)
Crit T=500	(Dotted red line with inverted triangles)
Crit T=200	(Dotted red line with triangles)
Crit T=50	(Dotted red line with pluses)
Fondo	(Black square)
Sponda	(Red circle)



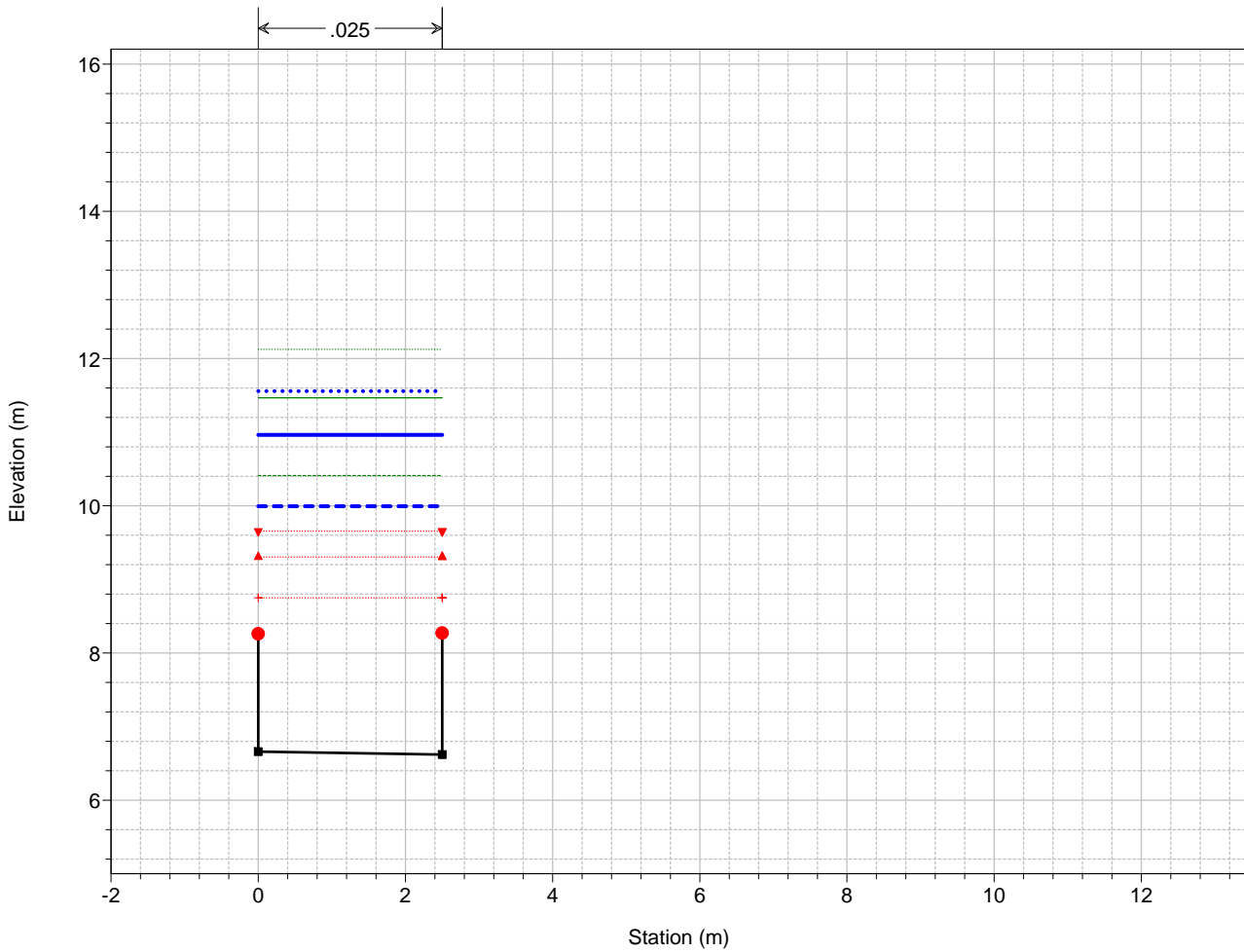
Legend	
EG T=500	(Dotted green line)
PL T=500	(Dotted blue line)
EG T=200	(Solid blue line)
PL T=200	(Solid blue line)
EG T=50	(Dashed green line)
PL T=50	(Dashed blue line)
Crit T=500	(Dotted red line with inverted triangles)
Crit T=200	(Dotted red line with triangles)
Crit T=50	(Dotted red line with pluses)
Fondo	(Black square)
Sponda	(Red circle)

Rio Ragone  
Sez. RA05



Legend	
EG T=500	(Green dotted line)
PL T=500	(Blue dotted line)
EG T=200	(Green solid line)
PL T=200	(Blue solid line)
EG T=50	(Green dashed line)
PL T=50	(Blue dashed line)
Crit T=500	(Inverted triangle)
Crit T=200	(Triangle)
Crit T=50	(Cross)
Fondo	(Black line with square)
Sponda	(Red circle)

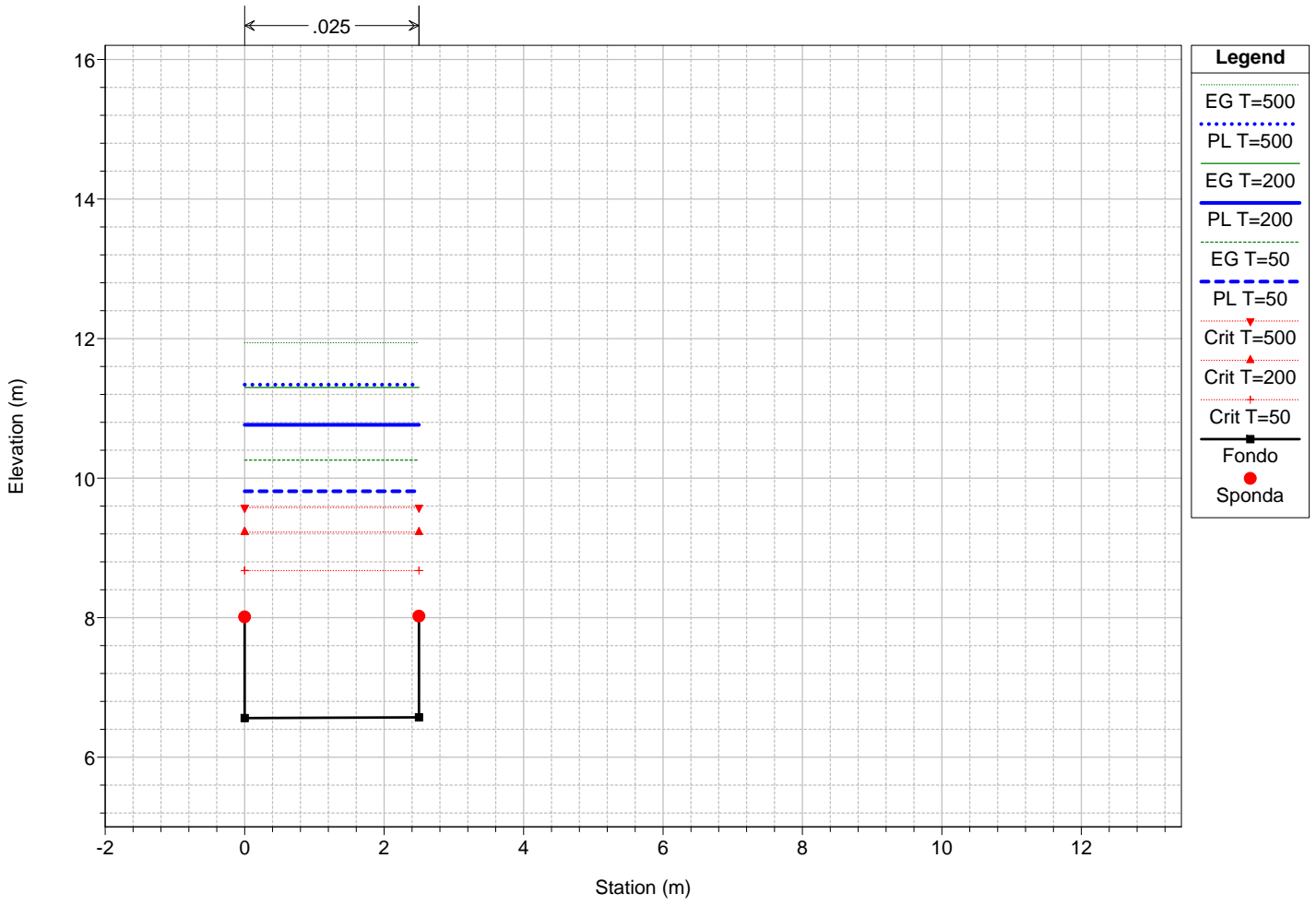
Rio Ragone  
Sez. RA04



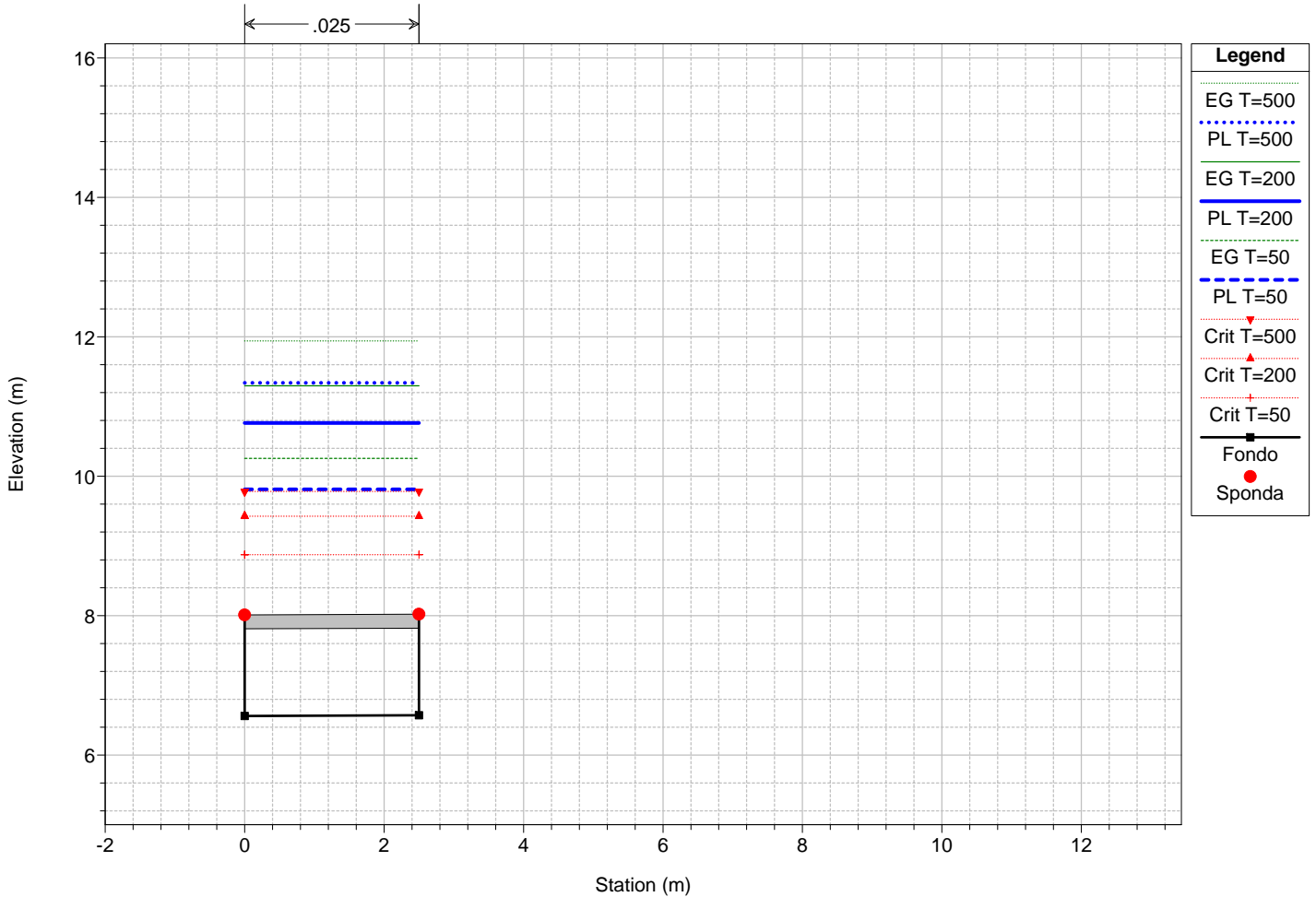
Legend	
EG T=500	(Green dotted line)
PL T=500	(Blue dotted line)
EG T=200	(Green solid line)
PL T=200	(Blue solid line)
EG T=50	(Green dashed line)
PL T=50	(Blue dashed line)
Crit T=500	(Inverted triangle)
Crit T=200	(Triangle)
Crit T=50	(Cross)
Fondo	(Black line with square)
Sponda	(Red circle)



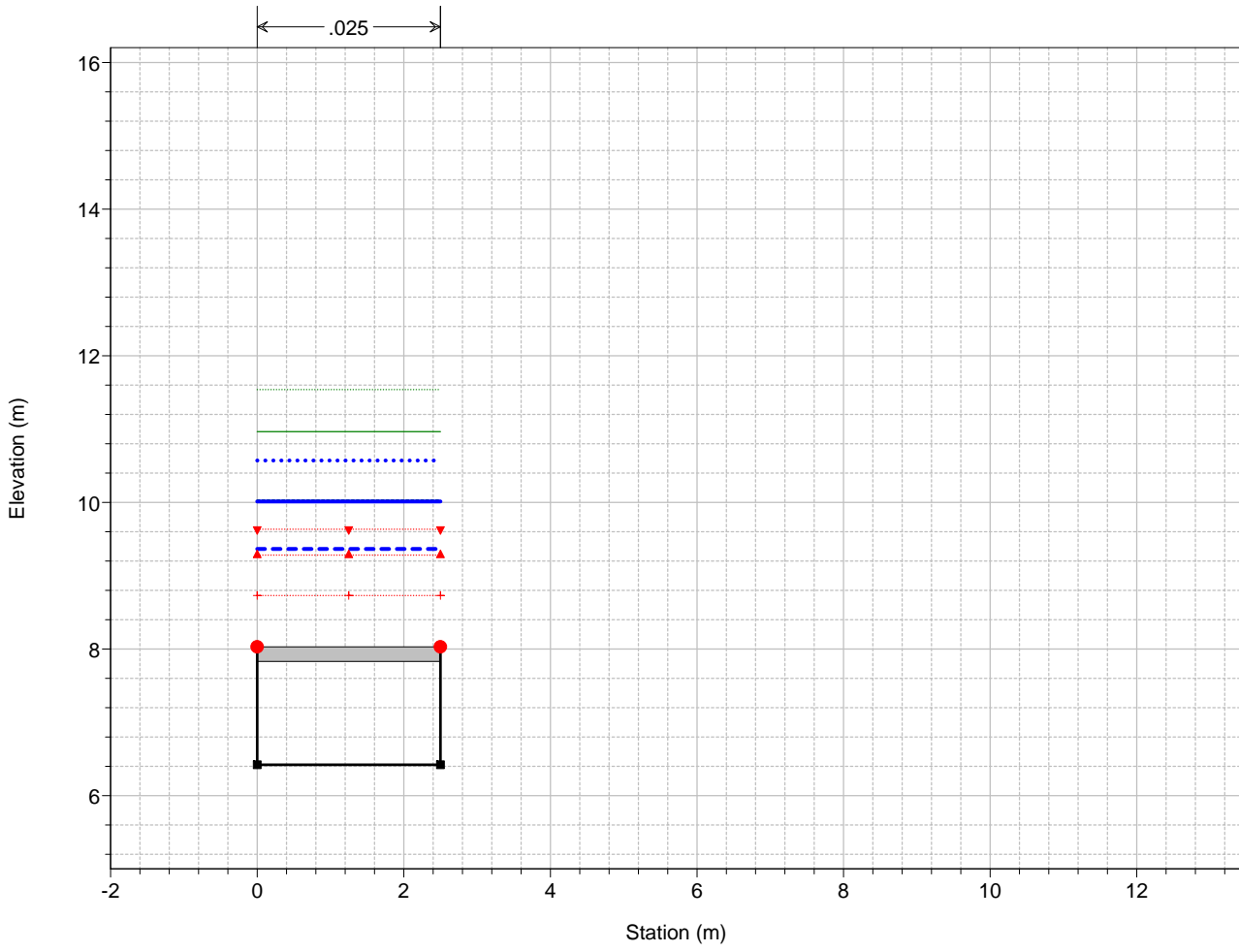
# Rio Ragone



# Rio Ragone Sez. RA03

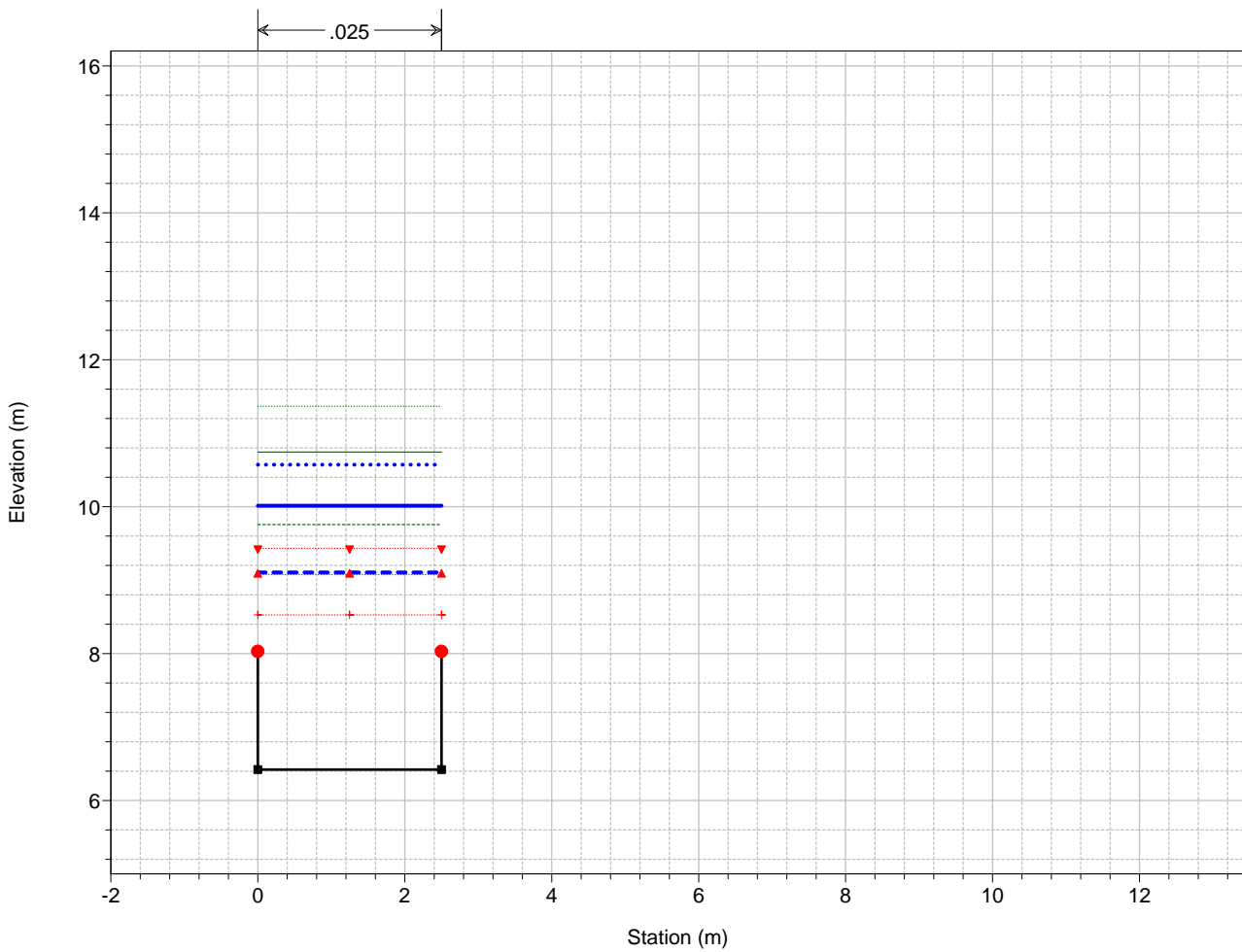


Rio Ragone  
Sez. RA03



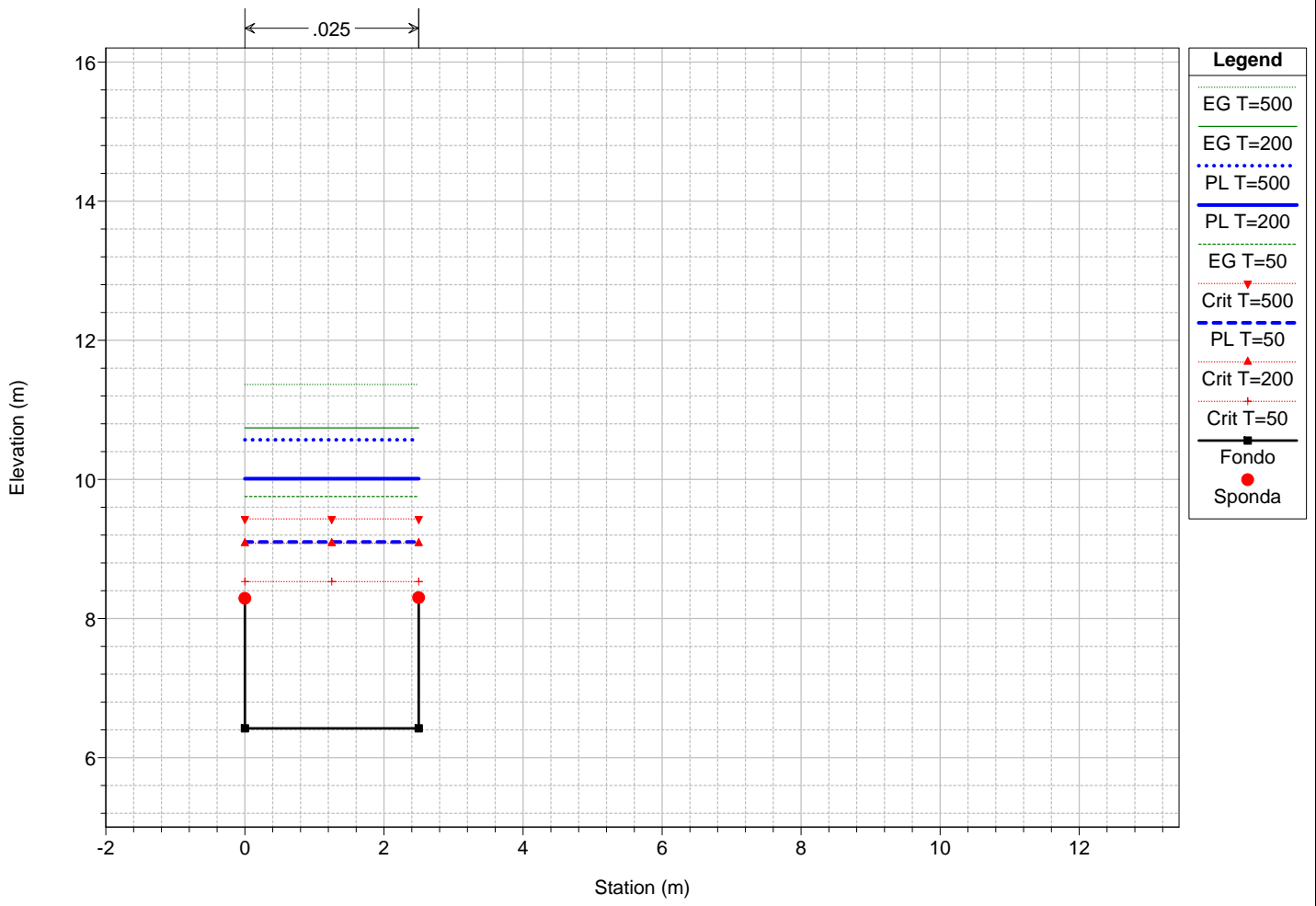
Legend	
EG T=500	(Green solid line)
EG T=200	(Green dotted line)
PL T=500	(Blue solid line)
EG T=50	(Green dashed line)
PL T=200	(Blue dashed line)
Crit T=500	(Red solid line with inverted triangles)
PL T=50	(Blue dashed line)
Crit T=200	(Red dashed line with triangles)
Crit T=50	(Red dotted line with crosses)
Fondo	(Black solid line with squares)
Sponda	(Red solid line with circles)

Rio Ragone

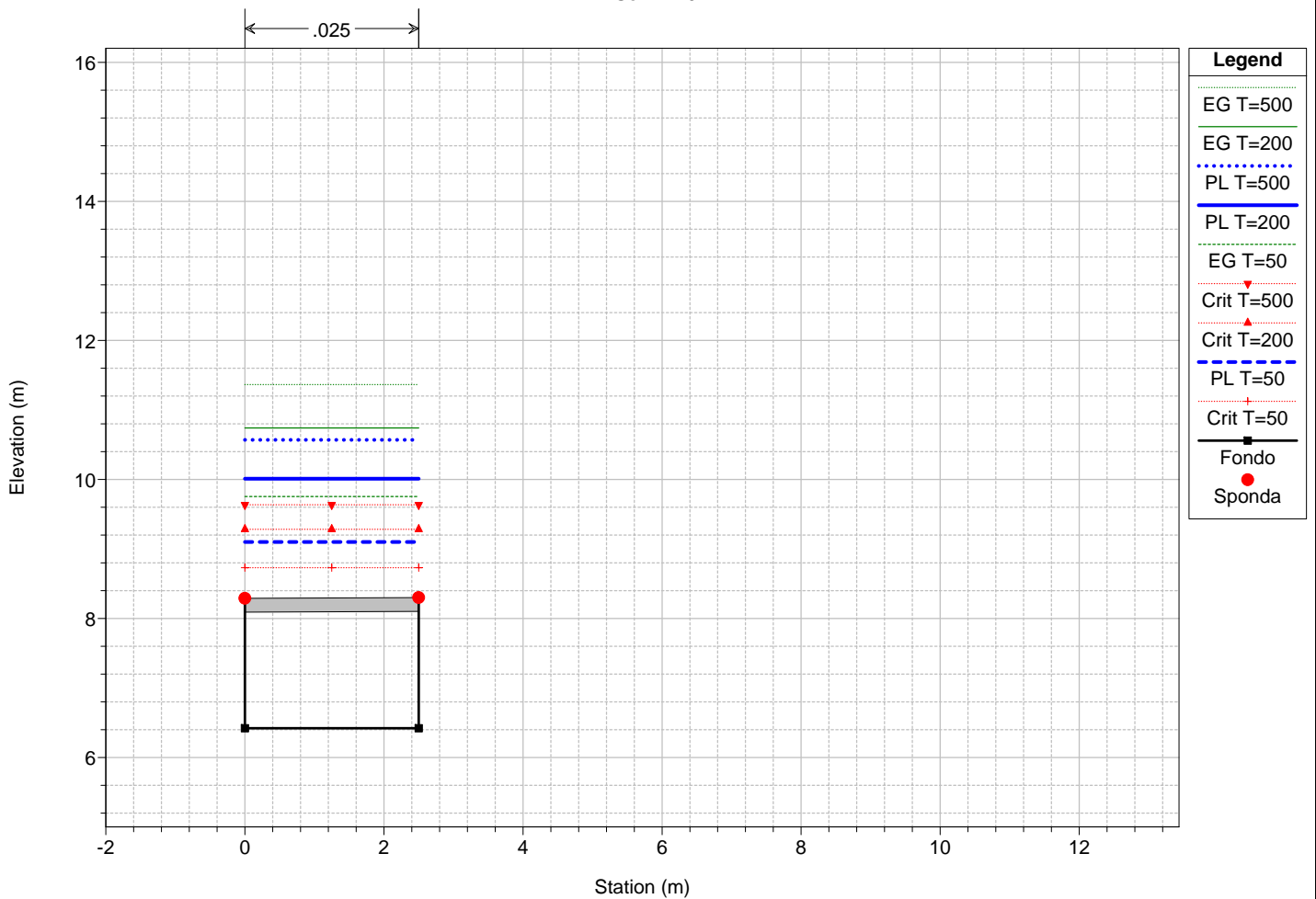


Legend	
EG T=500	(Green solid line)
EG T=200	(Green dotted line)
PL T=500	(Blue solid line)
EG T=50	(Green dashed line)
PL T=200	(Blue dashed line)
Crit T=500	(Red solid line with inverted triangles)
PL T=50	(Blue dashed line)
Crit T=200	(Red dashed line with triangles)
Crit T=50	(Red dotted line with crosses)
Fondo	(Black solid line with squares)
Sponda	(Red solid line with circles)

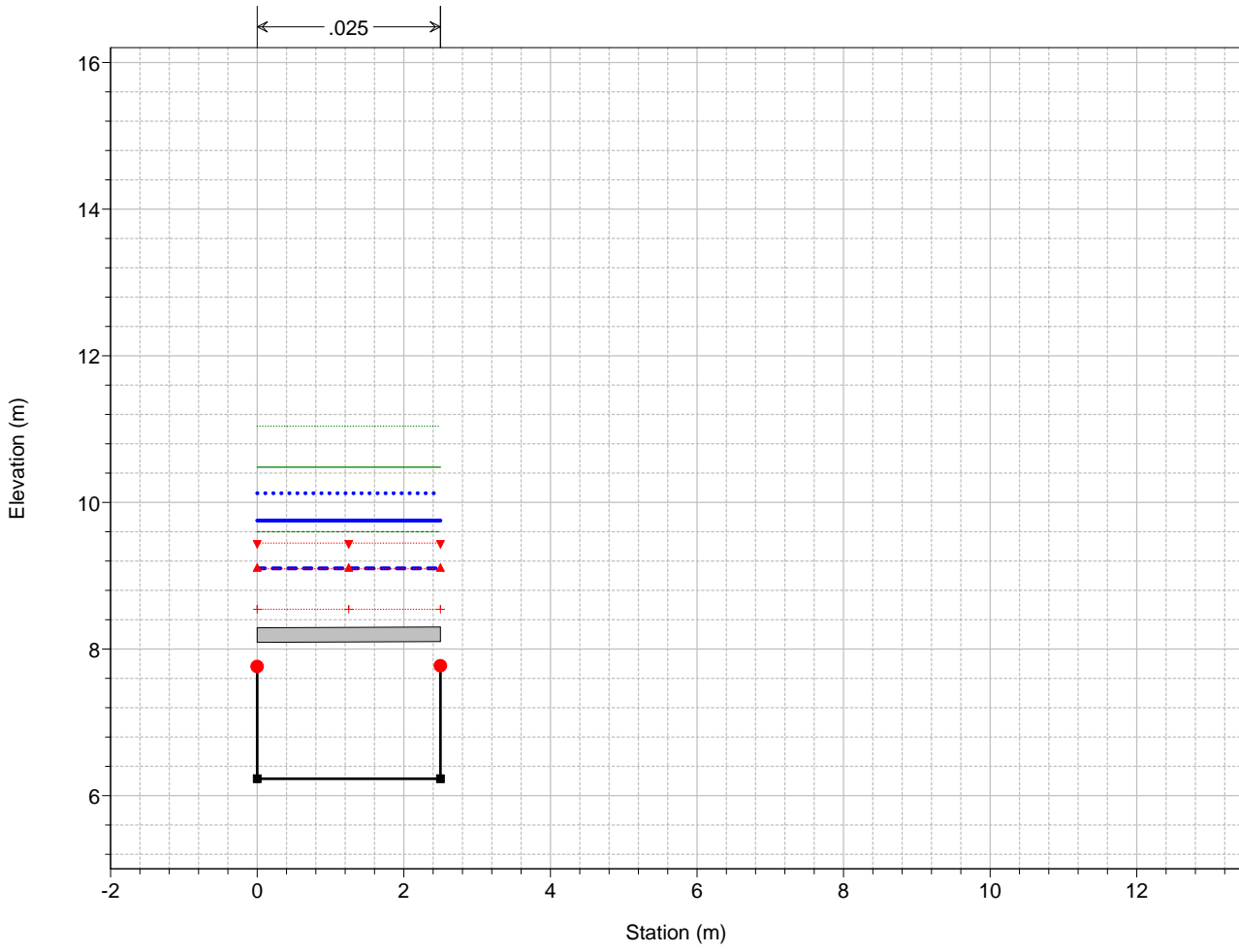
# Rio Ragone



# Rio Ragone Sez. RA02

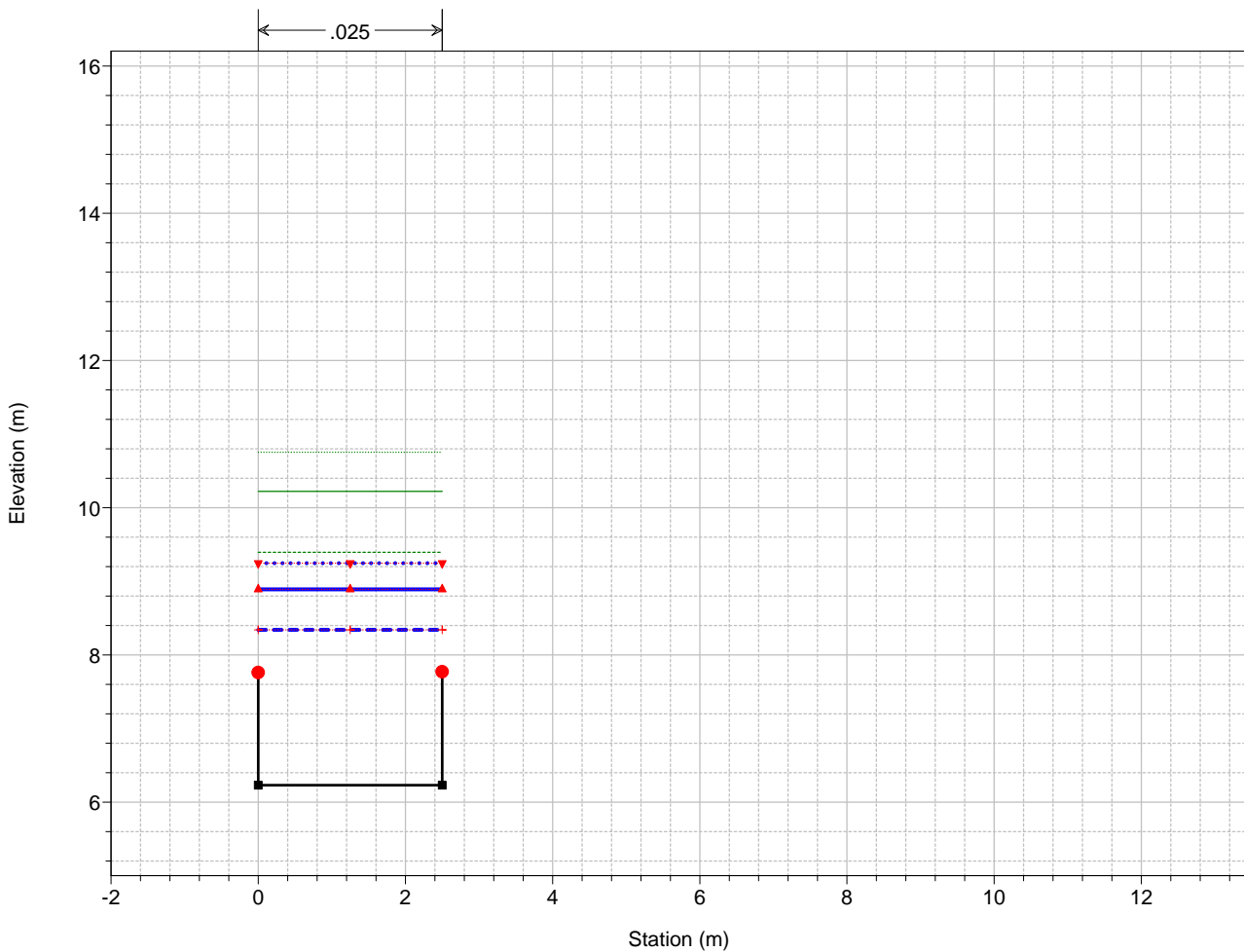


Rio Ragone  
Sez. RA02



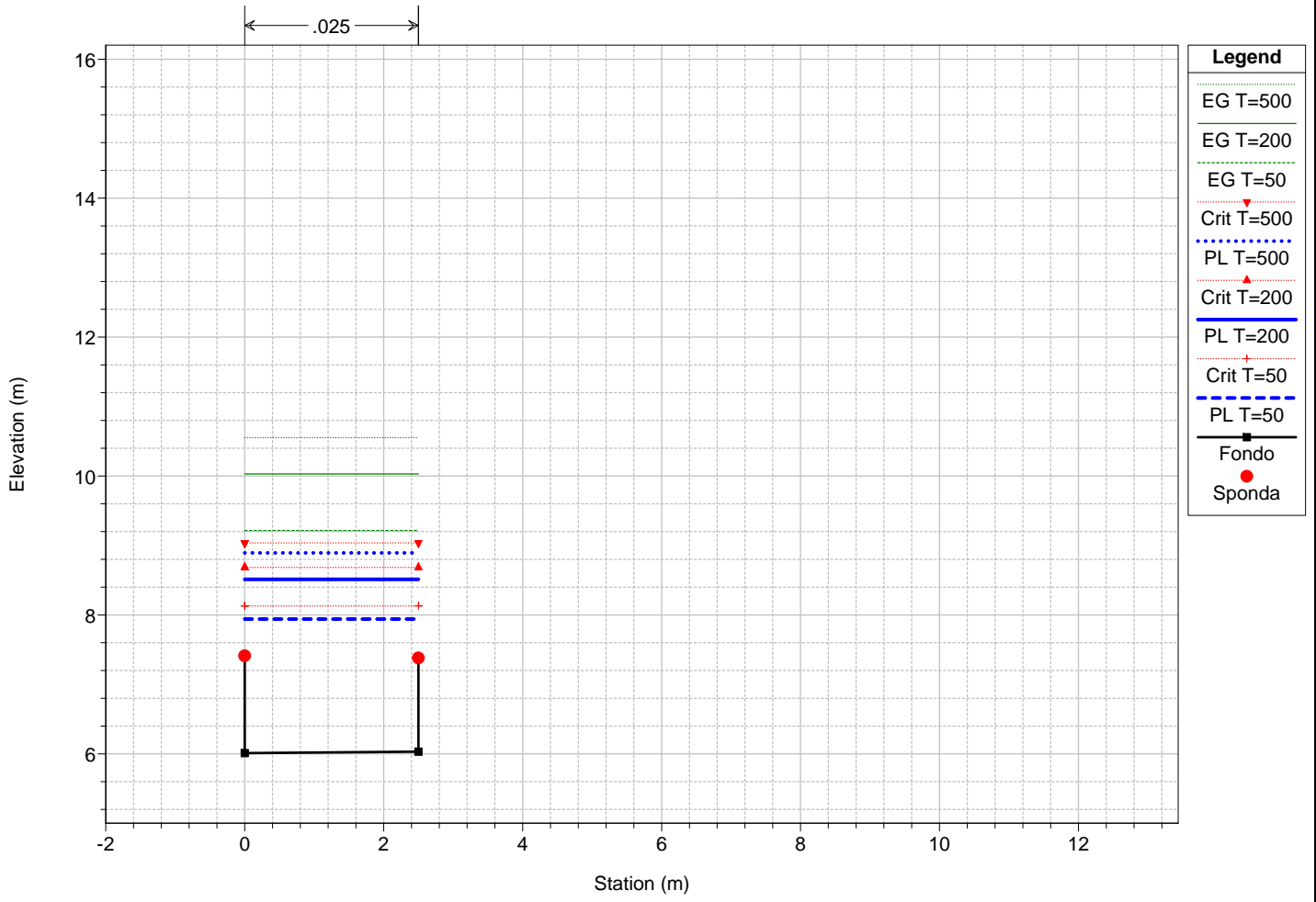
Legend	
EG T=500	(Green solid line)
EG T=200	(Blue solid line)
EG T=50	(Red solid line)
PL T=500	(Blue dotted line)
PL T=200	(Blue dashed line)
PL T=50	(Red dashed line)
Crit T=500	(Red inverted triangle)
Crit T=200	(Blue triangle)
Crit T=50	(Red plus sign)
Fondo	(Black line with square markers)
Sponda	(Red circle)

Rio Ragone



Legend	
EG T=500	(Green solid line)
EG T=200	(Blue solid line)
EG T=50	(Red solid line)
PL T=500	(Blue dotted line)
PL T=200	(Blue dashed line)
PL T=50	(Red dashed line)
Crit T=500	(Red inverted triangle)
Crit T=200	(Blue triangle)
Crit T=50	(Red plus sign)
Fondo	(Black line with square markers)
Sponda	(Red circle)

Rio Ragone  
Sez. RA01



HEC-RAS Plan: Pr River: Rio Ragone Reach: Via Ragone

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
Via Ragone	16	T=50	24.00	9.75	13.70	11.90	-1.80	11.80	-1.90	11.85	14.00	0.003957	2.43	9.87	2.50	0.39
Via Ragone	16	T=200	34.00	9.75	14.72	11.90	-2.82	11.80	-2.92	12.41	15.10	0.004684	2.74	12.43	2.50	0.39
Via Ragone	16	T=500	41.00	9.75	15.36	11.90	-3.46	11.80	-3.56	12.76	15.80	0.005177	2.92	14.04	2.50	0.39
Via Ragone	15.2	T=50	24.00	9.60	13.56	11.45	-2.11	11.52	-2.04	11.71	13.86	0.003926	2.42	9.91	2.50	0.39
Via Ragone	15.2	T=200	34.00	9.60	14.55	11.45	-3.10	11.52	-3.03	12.26	14.94	0.004722	2.75	12.38	2.50	0.39
Via Ragone	15.2	T=500	41.00	9.60	15.18	11.45	-3.73	11.52	-3.66	12.61	15.62	0.005259	2.94	13.94	2.50	0.40
Via Ragone	15.11		Bridge													
Via Ragone	15.1	T=50	24.00	9.25	13.33	11.35	-1.98	11.49	-1.84	11.35	13.61	0.003666	2.35	10.20	2.50	0.37
Via Ragone	15.1	T=200	34.00	9.25	14.37	11.35	-3.02	11.49	-2.88	11.91	14.73	0.004378	2.65	12.81	2.50	0.37
Via Ragone	15.1	T=500	41.00	9.25	15.01	11.35	-3.66	11.49	-3.52	12.27	15.42	0.004886	2.85	14.40	2.50	0.38
Via Ragone	14	T=50	24.00	9.27	13.30	11.28	-2.02	11.28	-2.02	11.38	13.59	0.003780	2.38	10.07	2.50	0.38
Via Ragone	14	T=200	34.00	9.27	14.33	11.28	-3.05	11.28	-3.05	11.93	14.70	0.004497	2.69	12.66	2.50	0.38
Via Ragone	14	T=500	41.00	9.27	14.97	11.28	-3.69	11.28	-3.69	12.28	15.39	0.005011	2.88	14.24	2.50	0.38
Via Ragone	13	T=50	24.00	9.18	13.26	11.48	-1.78	11.69	-1.57	11.29	13.54	0.003673	2.35	10.20	2.50	0.37
Via Ragone	13	T=200	34.00	9.18	14.28	11.48	-2.80	11.69	-2.59	11.84	14.64	0.004416	2.67	12.76	2.50	0.38
Via Ragone	13	T=500	41.00	9.18	14.91	11.48	-3.43	11.69	-3.22	12.19	15.33	0.004946	2.86	14.33	2.50	0.38
Via Ragone	12.11		Culvert													
Via Ragone	12	T=50	24.00	8.45	12.27	10.22	-2.05	10.45	-1.82	10.56	12.59	0.004285	2.52	9.54	2.50	0.41
Via Ragone	12	T=200	34.00	8.45	13.29	10.22	-3.07	10.45	-2.84	11.11	13.69	0.004975	2.81	12.10	2.50	0.41
Via Ragone	12	T=500	41.00	8.45	13.96	10.22	-3.74	10.45	-3.51	11.47	14.41	0.005410	2.98	13.76	2.50	0.41
Via Ragone	11.2	T=50	24.00	8.17	12.13	9.77	-2.36	10.46	-1.67	10.41	12.45	0.004282	2.51	9.55	2.50	0.41
Via Ragone	11.2	T=200	34.00	8.17	13.12	9.77	-3.35	10.46	-2.66	10.97	13.53	0.005041	2.82	12.04	2.50	0.41
Via Ragone	11.2	T=500	41.00	8.17	13.77	9.77	-4.00	10.46	-3.31	11.32	14.23	0.005515	3.00	13.66	2.50	0.41
Via Ragone	11.11		Bridge													
Via Ragone	11.1	T=50	24.00	8.21	11.82	9.76	-2.06	10.29	-1.53	10.41	12.20	0.005187	2.73	8.80	2.50	0.46
Via Ragone	11.1	T=200	34.00	8.21	12.85	9.76	-3.09	10.29	-2.56	10.96	13.31	0.005726	2.99	11.38	2.50	0.45
Via Ragone	11.1	T=500	41.00	8.21	13.54	9.76	-3.78	10.29	-3.25	11.31	14.04	0.006040	3.13	13.11	2.50	0.44
Via Ragone	10	T=50	24.00	7.90	11.71	10.10	-1.61	10.10	-1.61	10.01	12.03	0.004313	2.52	9.51	2.50	0.41
Via Ragone	10	T=200	34.00	7.90	12.72	10.10	-2.62	10.10	-2.62	10.55	13.12	0.005037	2.82	12.04	2.50	0.41
Via Ragone	10	T=500	41.00	7.90	13.39	10.10	-3.29	10.10	-3.29	10.91	13.85	0.005441	2.99	13.73	2.50	0.41
Via Ragone	9.2	T=50	24.00	7.49	11.58	9.49	-2.09	9.20	-2.38	9.62	11.87	0.003684	2.36	10.18	2.50	0.37
Via Ragone	9.2	T=200	34.00	7.49	12.56	9.49	-3.07	9.20	-3.36	10.17	12.93	0.004521	2.69	12.62	2.50	0.38
Via Ragone	9.2	T=500	41.00	7.49	13.22	9.49	-3.73	9.20	-4.02	10.52	13.64	0.004991	2.87	14.27	2.50	0.38
Via Ragone	9.11		Bridge													
Via Ragone	9.1	T=50	24.00	7.41	11.40	9.06	-2.34	9.35	-2.05	9.56	11.70	0.003951	2.43	9.88	2.50	0.39

HEC-RAS Plan: Pr River: Rio Ragone Reach: Via Ragone (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
Via Ragone	9.1	T=200	34.00	7.41	12.40	9.06	-3.34	9.35	-3.05	10.11	12.78	0.004740	2.75	12.37	2.50	0.39
Via Ragone	9.1	T=500	41.00	7.41	13.05	9.06	-3.99	9.35	-3.70	10.46	13.49	0.005208	2.93	14.00	2.50	0.39
Via Ragone	8.2	T=50	24.00	7.46	11.36	9.06	-2.30	9.30	-2.06	9.58	11.67	0.004115	2.47	9.71	2.50	0.40
Via Ragone	8.2	T=200	34.00	7.46	12.34	9.06	-3.28	9.30	-3.04	10.14	12.74	0.004911	2.79	12.17	2.50	0.40
Via Ragone	8.2	T=500	41.00	7.46	12.99	9.06	-3.93	9.30	-3.69	10.49	13.44	0.005382	2.97	13.80	2.50	0.40
Via Ragone	8.11		Bridge													
Via Ragone	8.1	T=50	24.00	7.42	11.10	9.19	-1.91	9.22	-1.88	9.54	11.45	0.004684	2.61	9.18	2.50	0.44
Via Ragone	8.1	T=200	34.00	7.42	12.15	9.19	-2.96	9.22	-2.93	10.09	12.57	0.005276	2.88	11.80	2.50	0.42
Via Ragone	8.1	T=500	41.00	7.42	12.81	9.19	-3.62	9.22	-3.59	10.45	13.28	0.005704	3.05	13.44	2.50	0.42
Via Ragone	7	T=50	24.00	7.15	10.86	8.84	-2.02	8.84	-2.02	9.26	11.20	0.004566	2.58	9.28	2.50	0.43
Via Ragone	7	T=200	34.00	7.15	11.87	8.84	-3.03	8.84	-3.03	9.81	12.29	0.005275	2.88	11.80	2.50	0.42
Via Ragone	7	T=500	41.00	7.15	12.50	8.84	-3.66	8.84	-3.66	10.16	12.98	0.005777	3.07	13.37	2.50	0.42
Via Ragone	6.2	T=50	24.00	6.95	10.64	8.63	-2.01	8.65	-1.99	9.07	10.99	0.004686	2.61	9.18	2.50	0.44
Via Ragone	6.2	T=200	34.00	6.95	11.60	8.63	-2.97	8.65	-2.95	9.63	12.04	0.005500	2.94	11.58	2.50	0.44
Via Ragone	6.2	T=500	41.00	6.95	12.20	8.63	-3.57	8.65	-3.55	9.98	12.70	0.006074	3.14	13.08	2.50	0.44
Via Ragone	6.11		Bridge													
Via Ragone	6.1	T=50	24.00	6.91	10.27	8.60	-1.67	8.61	-1.66	9.04	10.69	0.005852	2.87	8.35	2.50	0.50
Via Ragone	6.1	T=200	34.00	6.91	11.27	8.60	-2.67	8.61	-2.66	9.59	11.77	0.006400	3.14	10.84	2.50	0.48
Via Ragone	6.1	T=500	41.00	6.91	11.88	8.60	-3.29	8.61	-3.27	9.95	12.44	0.006864	3.31	12.39	2.50	0.47
Via Ragone	5	T=50	24.00	6.95	10.11	8.45	-1.66	8.45	-1.66	9.06	10.58	0.006674	3.04	7.90	2.50	0.55
Via Ragone	5	T=200	34.00	6.95	11.10	8.45	-2.65	8.45	-2.65	9.60	11.65	0.007073	3.28	10.38	2.50	0.51
Via Ragone	5	T=500	41.00	6.95	11.71	8.45	-3.26	8.45	-3.26	9.97	12.32	0.007511	3.44	11.91	2.50	0.50
Via Ragone	4	T=50	24.00	6.62	9.99	8.26	-1.73	8.27	-1.72	8.75	10.41	0.005808	2.86	8.38	2.50	0.50
Via Ragone	4	T=200	34.00	6.62	10.96	8.26	-2.70	8.27	-2.69	9.30	11.47	0.006445	3.15	10.81	2.50	0.48
Via Ragone	4	T=500	41.00	6.62	11.56	8.26	-3.30	8.27	-3.29	9.65	12.12	0.006982	3.33	12.29	2.50	0.48
Via Ragone	3.2	T=50	24.00	6.56	9.81	8.01	-1.80	8.02	-1.79	8.68	10.26	0.006270	2.96	8.11	2.50	0.52
Via Ragone	3.2	T=200	34.00	6.56	10.76	8.01	-2.75	8.02	-2.74	9.23	11.30	0.006896	3.24	10.49	2.50	0.50
Via Ragone	3.2	T=500	41.00	6.56	11.34	8.01	-3.33	8.02	-3.32	9.58	11.94	0.007468	3.44	11.94	2.50	0.50
Via Ragone	3.11		Bridge													
Via Ragone	3.1	T=50	24.00	6.42	9.10	8.03	-1.07	8.03	-1.07	8.53	9.76	0.009890	3.58	6.71	2.50	0.70
Via Ragone	3.1	T=200	34.00	6.42	10.01	8.03	-1.98	8.03	-1.98	9.07	10.74	0.009909	3.79	8.98	2.50	0.64
Via Ragone	3.1	T=500	41.00	6.42	10.57	8.03	-2.54	8.03	-2.54	9.43	11.37	0.010287	3.95	10.38	2.50	0.62
Via Ragone	2.2	T=50	24.00	6.42	9.10	8.29	-0.81	8.30	-0.80	8.53	9.75	0.009914	3.58	6.70	2.50	0.70
Via Ragone	2.2	T=200	34.00	6.42	10.01	8.29	-1.72	8.30	-1.71	9.08	10.74	0.009924	3.79	8.97	2.50	0.64
Via Ragone	2.2	T=500	41.00	6.42	10.57	8.29	-2.28	8.30	-2.27	9.43	11.37	0.010300	3.95	10.37	2.50	0.62

HEC-RAS Plan: Pr River: Rio Ragone Reach: Via Ragone (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
Via Ragone	2.11		Bridge													
Via Ragone	2.1	T=50	24.00	6.23	8.34	7.76	-0.58	7.77	-0.57	8.34	9.39	0.017868	4.55	5.27	2.50	1.00
Via Ragone	2.1	T=200	34.00	6.23	8.89	7.76	-1.13	7.77	-1.12	8.89	10.22	0.020271	5.11	6.65	2.50	1.00
Via Ragone	2.1	T=500	41.00	6.23	9.25	7.76	-1.49	7.77	-1.48	9.25	10.75	0.021803	5.44	7.54	2.50	1.00
Via Ragone	1	T=50	24.00	6.01	7.94	7.41	-0.53	7.38	-0.56	8.13	9.21	0.022634	5.00	4.80	2.50	1.15
Via Ragone	1	T=200	34.00	6.01	8.51	7.41	-1.10	7.38	-1.13	8.68	10.03	0.023799	5.46	6.23	2.50	1.10
Via Ragone	1	T=500	41.00	6.01	8.89	7.41	-1.48	7.38	-1.51	9.04	10.55	0.024475	5.71	7.18	2.50	1.07



Plan: Pr Rio Ragone Via Ragone RS: 15.11 Profile: T=50

E.G. US. (m)	13.86	Element	Inside BR US	Inside BR DS
W.S. US. (m)	13.56	E.G. Elev (m)	13.86	13.61
Q Total (m3/s)	24.00	W.S. Elev (m)	13.56	13.33
Q Bridge (m3/s)	10.84	Crit W.S. (m)	11.28	11.18
Q Weir (m3/s)	13.16	Max Chl Dpth (m)	3.96	4.08
Weir Sta Lft (m)	0.00	Vel Total (m/s)	0.00	0.00
Weir Sta Rgt (m)	2.50	Flow Area (m2)		
Weir Submerg	0.78	Froude # Chl	0.41	0.39
Weir Max Depth (m)	2.41	Specif Force (m3)	24.78	25.87
Min El Weir Flow (m)	11.45	Hydr Depth (m)		
Min El Prs (m)	11.32	W.P. Total (m)	10.87	11.45
Delta EG (m)	0.25	Conv. Total (m3/s)		
Delta WS (m)	0.23	Top Width (m)	2.50	2.50
BR Open Area (m2)	4.21	Frctn Loss (m)		
BR Open Vel (m/s)	2.57	C & E Loss (m)		
Coef of Q		Shear Total (N/m2)		
Br Sel Method	Press/Weir	Power Total (N/m s)	0.00	0.00

Plan: Pr Rio Ragone Via Ragone RS: 15.11 Profile: T=200

E.G. US. (m)	14.94	Element	Inside BR US	Inside BR DS
W.S. US. (m)	14.55	E.G. Elev (m)	14.94	14.73
Q Total (m3/s)	34.00	W.S. Elev (m)	14.55	14.37
Q Bridge (m3/s)	11.23	Crit W.S. (m)	12.46	12.11
Q Weir (m3/s)	22.77	Max Chl Dpth (m)	4.95	5.12
Weir Sta Lft (m)	0.00	Vel Total (m/s)	0.00	0.00
Weir Sta Rgt (m)	2.50	Flow Area (m2)		
Weir Submerg	0.84	Froude # Chl	0.41	0.39
Weir Max Depth (m)	3.49	Specif Force (m3)	39.00	40.84
Min El Weir Flow (m)	11.45	Hydr Depth (m)		
Min El Prs (m)	11.32	W.P. Total (m)	10.87	11.45
Delta EG (m)	0.21	Conv. Total (m3/s)		
Delta WS (m)	0.18	Top Width (m)	2.50	2.50
BR Open Area (m2)	4.21	Frctn Loss (m)		
BR Open Vel (m/s)	2.67	C & E Loss (m)		
Coef of Q		Shear Total (N/m2)		
Br Sel Method	Press/Weir	Power Total (N/m s)	0.00	0.00

Plan: Pr Rio Ragone Via Ragone RS: 15.11 Profile: T=500

E.G. US. (m)	15.62	Element	Inside BR US	Inside BR DS
W.S. US. (m)	15.18	E.G. Elev (m)	15.62	15.42
Q Total (m3/s)	41.00	W.S. Elev (m)	15.18	15.01
Q Bridge (m3/s)	11.61	Crit W.S. (m)	12.82	12.46
Q Weir (m3/s)	29.39	Max Chl Dpth (m)	5.58	5.76
Weir Sta Lft (m)	0.00	Vel Total (m/s)	0.00	0.00
Weir Sta Rgt (m)	2.50	Flow Area (m2)		
Weir Submerg	0.86	Froude # Chl	0.41	0.39
Weir Max Depth (m)	4.17	Specif Force (m3)	49.71	51.97
Min El Weir Flow (m)	11.45	Hydr Depth (m)		
Min El Prs (m)	11.32	W.P. Total (m)	10.87	11.45
Delta EG (m)	0.19	Conv. Total (m3/s)		
Delta WS (m)	0.16	Top Width (m)	2.50	2.50
BR Open Area (m2)	4.21	Frctn Loss (m)		
BR Open Vel (m/s)	2.76	C & E Loss (m)		
Coef of Q		Shear Total (N/m2)		
Br Sel Method	Press/Weir	Power Total (N/m s)	0.00	0.00

Plan: Pr Rio Ragone Via Ragone RS: 11.11 Profile: T=50

E.G. US. (m)	12.45	Element	Inside BR US	Inside BR DS
W.S. US. (m)	12.13	E.G. Elev (m)	12.45	12.20
Q Total (m3/s)	24.00	W.S. Elev (m)	12.13	11.82
Q Bridge (m3/s)	11.77	Crit W.S. (m)	10.61	10.61
Q Weir (m3/s)	12.23	Max Chl Dpth (m)	3.96	3.61
Weir Sta Lft (m)	0.00	Vel Total (m/s)	0.00	0.00
Weir Sta Rgt (m)	2.50	Flow Area (m2)		
Weir Submerg	0.72	Froude # Chl	0.43	0.49
Weir Max Depth (m)	2.38	Specif Force (m3)	23.72	21.68
Min El Weir Flow (m)	10.07	Hydr Depth (m)		
Min El Prs (m)	10.11	W.P. Total (m)	11.06	10.88
Delta EG (m)	0.25	Conv. Total (m3/s)		
Delta WS (m)	0.31	Top Width (m)	2.50	2.50
BR Open Area (m2)	4.19	Frctn Loss (m)		
BR Open Vel (m/s)	2.81	C & E Loss (m)		
Coef of Q		Shear Total (N/m2)		
Br Sel Method	Press/Weir	Power Total (N/m s)	0.00	0.00

Plan: Pr Rio Ragone Via Ragone RS: 11.11 Profile: T=200

E.G. US. (m)	13.53	Element	Inside BR US	Inside BR DS
W.S. US. (m)	13.12	E.G. Elev (m)	13.53	13.31
Q Total (m3/s)	34.00	W.S. Elev (m)	13.12	12.85
Q Bridge (m3/s)	12.19	Crit W.S. (m)	11.17	11.16
Q Weir (m3/s)	21.81	Max Chl Dpth (m)	4.95	4.64
Weir Sta Lft (m)	0.00	Vel Total (m/s)	0.00	0.00
Weir Sta Rgt (m)	2.50	Flow Area (m2)		
Weir Submerg	0.80	Froude # Chl	0.42	0.46
Weir Max Depth (m)	3.46	Specif Force (m3)	37.70	35.35
Min El Weir Flow (m)	10.07	Hydr Depth (m)		
Min El Prs (m)	10.11	W.P. Total (m)	11.06	10.88
Delta EG (m)	0.22	Conv. Total (m3/s)		
Delta WS (m)	0.27	Top Width (m)	2.50	2.50
BR Open Area (m2)	4.19	Frctn Loss (m)		
BR Open Vel (m/s)	2.91	C & E Loss (m)		
Coef of Q		Shear Total (N/m2)		
Br Sel Method	Press/Weir	Power Total (N/m s)	0.00	0.00

Plan: Pr Rio Ragone Via Ragone RS: 11.11 Profile: T=500

E.G. US. (m)	14.23	Element	Inside BR US	Inside BR DS
W.S. US. (m)	13.77	E.G. Elev (m)	14.23	14.04
Q Total (m3/s)	41.00	W.S. Elev (m)	13.77	13.54
Q Bridge (m3/s)	12.26	Crit W.S. (m)	11.52	11.51
Q Weir (m3/s)	28.74	Max Chl Dpth (m)	5.60	5.33
Weir Sta Lft (m)	0.00	Vel Total (m/s)	0.00	0.00
Weir Sta Rgt (m)	2.50	Flow Area (m2)		
Weir Submerg	0.84	Froude # Chl	0.42	0.45
Weir Max Depth (m)	4.16	Specif Force (m3)	48.49	46.23
Min El Weir Flow (m)	10.07	Hydr Depth (m)		
Min El Prs (m)	10.11	W.P. Total (m)	11.06	10.88
Delta EG (m)	0.18	Conv. Total (m3/s)		
Delta WS (m)	0.22	Top Width (m)	2.50	2.50
BR Open Area (m2)	4.19	Frctn Loss (m)		
BR Open Vel (m/s)	2.93	C & E Loss (m)		
Coef of Q		Shear Total (N/m2)		
Br Sel Method	Press/Weir	Power Total (N/m s)	0.00	0.00

Plan: Pr Rio Ragone Via Ragone RS: 9.11 Profile: T=50

E.G. US. (m)	11.87	Element	Inside BR US	Inside BR DS
W.S. US. (m)	11.58	E.G. Elev (m)	11.87	11.70
Q Total (m3/s)	24.00	W.S. Elev (m)	11.58	11.40
Q Bridge (m3/s)	9.21	Crit W.S. (m)	9.84	9.76
Q Weir (m3/s)	14.79	Max Chl Dpth (m)	4.09	3.99
Weir Sta Lft (m)	0.00	Vel Total (m/s)	0.00	0.00
Weir Sta Rgt (m)	2.50	Flow Area (m2)		
Weir Submerg	0.82	Froude # Chl	0.39	0.41
Weir Max Depth (m)	2.63	Specif Force (m3)	25.51	24.62
Min El Weir Flow (m)	9.24	Hydr Depth (m)		
Min El Prs (m)	9.13	W.P. Total (m)	10.87	10.67
Delta EG (m)	0.16	Conv. Total (m3/s)		
Delta WS (m)	0.18	Top Width (m)	2.50	2.50
BR Open Area (m2)	3.81	Frctn Loss (m)		
BR Open Vel (m/s)	2.42	C & E Loss (m)		
Coef of Q		Shear Total (N/m2)		
Br Sel Method	Press/Weir	Power Total (N/m s)	0.00	0.00

Plan: Pr Rio Ragone Via Ragone RS: 9.11 Profile: T=200

E.G. US. (m)	12.93	Element	Inside BR US	Inside BR DS
W.S. US. (m)	12.56	E.G. Elev (m)	12.93	12.78
Q Total (m3/s)	34.00	W.S. Elev (m)	12.56	12.40
Q Bridge (m3/s)	9.87	Crit W.S. (m)	10.39	10.31
Q Weir (m3/s)	24.13	Max Chl Dpth (m)	5.07	4.99
Weir Sta Lft (m)	0.00	Vel Total (m/s)	0.00	0.00
Weir Sta Rgt (m)	2.50	Flow Area (m2)		
Weir Submerg	0.87	Froude # Chl	0.40	0.41
Weir Max Depth (m)	3.69	Specif Force (m3)	39.77	38.85
Min El Weir Flow (m)	9.24	Hydr Depth (m)		
Min El Prs (m)	9.13	W.P. Total (m)	10.87	10.67
Delta EG (m)	0.15	Conv. Total (m3/s)		
Delta WS (m)	0.16	Top Width (m)	2.50	2.50
BR Open Area (m2)	3.81	Frctn Loss (m)		
BR Open Vel (m/s)	2.59	C & E Loss (m)		
Coef of Q		Shear Total (N/m2)		
Br Sel Method	Press/Weir	Power Total (N/m s)	0.00	0.00

Plan: Pr Rio Ragone Via Ragone RS: 9.11 Profile: T=500

E.G. US. (m)	13.64	Element	Inside BR US	Inside BR DS
W.S. US. (m)	13.22	E.G. Elev (m)	13.64	13.49
Q Total (m3/s)	41.00	W.S. Elev (m)	13.22	13.05
Q Bridge (m3/s)	10.36	Crit W.S. (m)	10.74	10.66
Q Weir (m3/s)	30.64	Max Chl Dpth (m)	5.73	5.64
Weir Sta Lft (m)	0.00	Vel Total (m/s)	0.00	0.00
Weir Sta Rgt (m)	2.50	Flow Area (m2)		
Weir Submerg	0.90	Froude # Chl	0.40	0.41
Weir Max Depth (m)	4.40	Specif Force (m3)	50.98	49.90
Min El Weir Flow (m)	9.24	Hydr Depth (m)		
Min El Prs (m)	9.13	W.P. Total (m)	10.87	10.67
Delta EG (m)	0.15	Conv. Total (m3/s)		
Delta WS (m)	0.17	Top Width (m)	2.50	2.50
BR Open Area (m2)	3.81	Frctn Loss (m)		
BR Open Vel (m/s)	2.72	C & E Loss (m)		
Coef of Q		Shear Total (N/m2)		
Br Sel Method	Press/Weir	Power Total (N/m s)	0.00	0.00

Plan: Pr Rio Ragone Via Ragone RS: 8.11 Profile: T=50

E.G. US. (m)	11.67	Element	Inside BR US	Inside BR DS
W.S. US. (m)	11.36	E.G. Elev (m)	11.67	11.45
Q Total (m3/s)	24.00	W.S. Elev (m)	11.36	11.10
Q Bridge (m3/s)	9.00	Crit W.S. (m)	9.78	9.74
Q Weir (m3/s)	15.00	Max Chl Dpth (m)	3.90	3.68
Weir Sta Lft (m)	0.00	Vel Total (m/s)	0.00	0.00
Weir Sta Rgt (m)	2.50	Flow Area (m2)		
Weir Submerg	0.78	Froude # Chl	0.42	0.46
Weir Max Depth (m)	2.61	Specif Force (m3)	24.03	22.52
Min El Weir Flow (m)	9.06	Hydr Depth (m)		
Min El Prs (m)	8.89	W.P. Total (m)	10.51	10.65
Delta EG (m)	0.22	Conv. Total (m3/s)		
Delta WS (m)	0.25	Top Width (m)	2.50	2.50
BR Open Area (m2)	3.38	Frctn Loss (m)		
BR Open Vel (m/s)	2.67	C & E Loss (m)		
Coef of Q		Shear Total (N/m2)		
Br Sel Method	Press/Weir	Power Total (N/m s)	0.00	0.00

Plan: Pr Rio Ragone Via Ragone RS: 8.11 Profile: T=200

E.G. US. (m)	12.74	Element	Inside BR US	Inside BR DS
W.S. US. (m)	12.34	E.G. Elev (m)	12.74	12.57
Q Total (m3/s)	34.00	W.S. Elev (m)	12.34	12.15
Q Bridge (m3/s)	9.21	Crit W.S. (m)	10.34	10.29
Q Weir (m3/s)	24.79	Max Chl Dpth (m)	4.88	4.73
Weir Sta Lft (m)	0.00	Vel Total (m/s)	0.00	0.00
Weir Sta Rgt (m)	2.50	Flow Area (m2)		
Weir Submerg	0.85	Froude # Chl	0.42	0.44
Weir Max Depth (m)	3.68	Specif Force (m3)	38.04	36.62
Min El Weir Flow (m)	9.06	Hydr Depth (m)		
Min El Prs (m)	8.89	W.P. Total (m)	10.51	10.65
Delta EG (m)	0.17	Conv. Total (m3/s)		
Delta WS (m)	0.20	Top Width (m)	2.50	2.50
BR Open Area (m2)	3.38	Frctn Loss (m)		
BR Open Vel (m/s)	2.73	C & E Loss (m)		
Coef of Q		Shear Total (N/m2)		
Br Sel Method	Press/Weir	Power Total (N/m s)	0.00	0.00

Plan: Pr Rio Ragone Via Ragone RS: 8.11 Profile: T=500

E.G. US. (m)	13.44	Element	Inside BR US	Inside BR DS
W.S. US. (m)	12.99	E.G. Elev (m)	13.44	13.28
Q Total (m3/s)	41.00	W.S. Elev (m)	12.99	12.81
Q Bridge (m3/s)	9.54	Crit W.S. (m)	10.69	10.65
Q Weir (m3/s)	31.46	Max Chl Dpth (m)	5.53	5.39
Weir Sta Lft (m)	0.00	Vel Total (m/s)	0.00	0.00
Weir Sta Rgt (m)	2.50	Flow Area (m2)		
Weir Submerg	0.88	Froude # Chl	0.42	0.44
Weir Max Depth (m)	4.38	Specif Force (m3)	48.94	47.42
Min El Weir Flow (m)	9.06	Hydr Depth (m)		
Min El Prs (m)	8.89	W.P. Total (m)	10.51	10.65
Delta EG (m)	0.16	Conv. Total (m3/s)		
Delta WS (m)	0.19	Top Width (m)	2.50	2.50
BR Open Area (m2)	3.38	Frctn Loss (m)		
BR Open Vel (m/s)	2.83	C & E Loss (m)		
Coef of Q		Shear Total (N/m2)		
Br Sel Method	Press/Weir	Power Total (N/m s)	0.00	0.00

Plan: Pr Rio Ragone Via Ragone RS: 6.11 Profile: T=50

E.G. US. (m)	10.99	Element	Inside BR US	Inside BR DS
W.S. US. (m)	10.64	E.G. Elev (m)	10.99	10.70
Q Total (m3/s)	24.00	W.S. Elev (m)	10.64	10.27
Q Bridge (m3/s)	11.05	Crit W.S. (m)	9.27	9.24
Q Weir (m3/s)	12.95	Max Chl Dpth (m)	3.69	3.36
Weir Sta Lft (m)	0.00	Vel Total (m/s)	0.00	0.00
Weir Sta Rgt (m)	2.50	Flow Area (m2)		
Weir Submerg	0.70	Froude # Chl	0.46	0.53
Weir Max Depth (m)	2.36	Specif Force (m3)	22.57	20.55
Min El Weir Flow (m)	8.63	Hydr Depth (m)		
Min El Prs (m)	8.45	W.P. Total (m)	10.45	10.45
Delta EG (m)	0.29	Conv. Total (m3/s)		
Delta WS (m)	0.37	Top Width (m)	2.50	2.50
BR Open Area (m2)	3.69	Frctn Loss (m)		
BR Open Vel (m/s)	3.00	C & E Loss (m)		
Coef of Q		Shear Total (N/m2)		
Br Sel Method	Press/Weir	Power Total (N/m s)	0.00	0.00

Plan: Pr Rio Ragone Via Ragone RS: 6.11 Profile: T=200

E.G. US. (m)	12.04	Element	Inside BR US	Inside BR DS
W.S. US. (m)	11.60	E.G. Elev (m)	12.04	11.77
Q Total (m3/s)	34.00	W.S. Elev (m)	11.60	11.27
Q Bridge (m3/s)	11.47	Crit W.S. (m)	9.83	9.79
Q Weir (m3/s)	22.53	Max Chl Dpth (m)	4.65	4.36
Weir Sta Lft (m)	0.00	Vel Total (m/s)	0.00	0.00
Weir Sta Rgt (m)	2.50	Flow Area (m2)		
Weir Submerg	0.77	Froude # Chl	0.45	0.50
Weir Max Depth (m)	3.41	Specif Force (m3)	35.93	33.51
Min El Weir Flow (m)	8.63	Hydr Depth (m)		
Min El Prs (m)	8.45	W.P. Total (m)	10.45	10.45
Delta EG (m)	0.27	Conv. Total (m3/s)		
Delta WS (m)	0.33	Top Width (m)	2.50	2.50
BR Open Area (m2)	3.69	Frctn Loss (m)		
BR Open Vel (m/s)	3.11	C & E Loss (m)		
Coef of Q		Shear Total (N/m2)		
Br Sel Method	Press/Weir	Power Total (N/m s)	0.00	0.00

Plan: Pr Rio Ragone Via Ragone RS: 6.11 Profile: T=500

E.G. US. (m)	12.70	Element	Inside BR US	Inside BR DS
W.S. US. (m)	12.20	E.G. Elev (m)	12.70	12.44
Q Total (m3/s)	41.00	W.S. Elev (m)	12.20	11.88
Q Bridge (m3/s)	11.79	Crit W.S. (m)	10.18	10.15
Q Weir (m3/s)	29.21	Max Chl Dpth (m)	5.25	4.97
Weir Sta Lft (m)	0.00	Vel Total (m/s)	0.00	0.00
Weir Sta Rgt (m)	2.50	Flow Area (m2)		
Weir Submerg	0.80	Froude # Chl	0.45	0.49
Weir Max Depth (m)	4.07	Specif Force (m3)	45.98	43.41
Min El Weir Flow (m)	8.63	Hydr Depth (m)		
Min El Prs (m)	8.45	W.P. Total (m)	10.45	10.45
Delta EG (m)	0.25	Conv. Total (m3/s)		
Delta WS (m)	0.31	Top Width (m)	2.50	2.50
BR Open Area (m2)	3.69	Frctn Loss (m)		
BR Open Vel (m/s)	3.20	C & E Loss (m)		
Coef of Q		Shear Total (N/m2)		
Br Sel Method	Press/Weir	Power Total (N/m s)	0.00	0.00

Plan: Pr Rio Ragone Via Ragone RS: 3.11 Profile: T=50

E.G. US. (m)	10.26	Element	Inside BR US	Inside BR DS
W.S. US. (m)	9.81	E.G. Elev (m)	10.26	10.03
Q Total (m3/s)	24.00	W.S. Elev (m)	9.81	9.36
Q Bridge (m3/s)	11.90	Crit W.S. (m)	8.87	8.73
Q Weir (m3/s)	12.11	Max Chl Dpth (m)	3.25	2.94
Weir Sta Lft (m)	0.00	Vel Total (m/s)	0.00	0.00
Weir Sta Rgt (m)	2.50	Flow Area (m2)		
Weir Submerg	0.49	Froude # Chl	0.56	0.65
Weir Max Depth (m)	2.25	Specif Force (m3)	19.93	18.67
Min El Weir Flow (m)	8.03	Hydr Depth (m)		
Min El Prs (m)	7.82	W.P. Total (m)	10.00	10.32
Delta EG (m)	0.50	Conv. Total (m3/s)		
Delta WS (m)	0.71	Top Width (m)	2.50	2.50
BR Open Area (m2)	3.12	Frctn Loss (m)		
BR Open Vel (m/s)	3.81	C & E Loss (m)		
Coef of Q		Shear Total (N/m2)		
Br Sel Method	Press/Weir	Power Total (N/m s)	0.00	0.00

Plan: Pr Rio Ragone Via Ragone RS: 3.11 Profile: T=200

E.G. US. (m)	11.30	Element	Inside BR US	Inside BR DS
W.S. US. (m)	10.76	E.G. Elev (m)	11.30	10.96
Q Total (m3/s)	34.00	W.S. Elev (m)	10.76	10.01
Q Bridge (m3/s)	12.57	Crit W.S. (m)	9.43	9.28
Q Weir (m3/s)	21.43	Max Chl Dpth (m)	4.20	3.59
Weir Sta Lft (m)	0.00	Vel Total (m/s)	0.00	0.00
Weir Sta Rgt (m)	2.50	Flow Area (m2)		
Weir Submerg	0.61	Froude # Chl	0.53	0.68
Weir Max Depth (m)	3.29	Specif Force (m3)	32.39	28.98
Min El Weir Flow (m)	8.03	Hydr Depth (m)		
Min El Prs (m)	7.82	W.P. Total (m)	10.00	10.32
Delta EG (m)	0.56	Conv. Total (m3/s)		
Delta WS (m)	0.75	Top Width (m)	2.50	2.50
BR Open Area (m2)	3.12	Frctn Loss (m)		
BR Open Vel (m/s)	4.02	C & E Loss (m)		
Coef of Q		Shear Total (N/m2)		
Br Sel Method	Press/Weir	Power Total (N/m s)	0.00	0.00

Plan: Pr Rio Ragone Via Ragone RS: 3.11 Profile: T=500

E.G. US. (m)	11.94	Element	Inside BR US	Inside BR DS
W.S. US. (m)	11.34	E.G. Elev (m)	11.94	11.54
Q Total (m3/s)	41.00	W.S. Elev (m)	11.34	10.57
Q Bridge (m3/s)	12.96	Crit W.S. (m)	9.78	9.63
Q Weir (m3/s)	28.04	Max Chl Dpth (m)	4.78	4.15
Weir Sta Lft (m)	0.00	Vel Total (m/s)	0.00	0.00
Weir Sta Rgt (m)	2.50	Flow Area (m2)		
Weir Submerg	0.65	Froude # Chl	0.52	0.65
Weir Max Depth (m)	3.93	Specif Force (m3)	41.76	37.56
Min El Weir Flow (m)	8.03	Hydr Depth (m)		
Min El Prs (m)	7.82	W.P. Total (m)	10.00	10.32
Delta EG (m)	0.57	Conv. Total (m3/s)		
Delta WS (m)	0.77	Top Width (m)	2.50	2.50
BR Open Area (m2)	3.12	Frctn Loss (m)		
BR Open Vel (m/s)	4.15	C & E Loss (m)		
Coef of Q		Shear Total (N/m2)		
Br Sel Method	Press/Weir	Power Total (N/m s)	0.00	0.00

Plan: Pr Rio Ragone Via Ragone RS: 2.11 Profile: T=50

E.G. US. (m)	9.75	Element	Inside BR US	Inside BR DS
W.S. US. (m)	9.10	E.G. Elev (m)	9.75	9.60
Q Total (m3/s)	24.00	W.S. Elev (m)	9.10	9.10
Q Bridge (m3/s)	17.65	Crit W.S. (m)	8.73	8.54
Q Weir (m3/s)	6.35	Max Chl Dpth (m)	2.68	2.87
Weir Sta Lft (m)	0.00	Vel Total (m/s)	0.00	0.00
Weir Sta Rgt (m)	2.50	Flow Area (m2)		
Weir Submerg	0.03	Froude # Chl	0.75	0.68
Weir Max Depth (m)	1.46	Specif Force (m3)	17.99	18.64
Min El Weir Flow (m)	8.29	Hydr Depth (m)		
Min El Prs (m)	8.10	W.P. Total (m)	10.85	11.23
Delta EG (m)	0.27	Conv. Total (m3/s)		
Delta WS (m)	0.76	Top Width (m)	2.50	2.50
BR Open Area (m2)	4.19	Frctn Loss (m)		
BR Open Vel (m/s)	4.22	C & E Loss (m)		
Coef of Q		Shear Total (N/m2)		
Br Sel Method	Press/Weir	Power Total (N/m s)	0.00	0.00

Plan: Pr Rio Ragone Via Ragone RS: 2.11 Profile: T=200

E.G. US. (m)	10.74	Element	Inside BR US	Inside BR DS
W.S. US. (m)	10.01	E.G. Elev (m)	10.74	10.48
Q Total (m3/s)	34.00	W.S. Elev (m)	10.01	9.75
Q Bridge (m3/s)	20.19	Crit W.S. (m)	9.28	9.09
Q Weir (m3/s)	13.81	Max Chl Dpth (m)	3.59	3.52
Weir Sta Lft (m)	0.00	Vel Total (m/s)	0.00	0.00
Weir Sta Rgt (m)	2.50	Flow Area (m2)		
Weir Submerg	0.24	Froude # Chl	0.68	0.70
Weir Max Depth (m)	2.45	Specif Force (m3)	29.10	28.91
Min El Weir Flow (m)	8.29	Hydr Depth (m)		
Min El Prs (m)	8.10	W.P. Total (m)	10.85	11.23
Delta EG (m)	0.38	Conv. Total (m3/s)		
Delta WS (m)	1.12	Top Width (m)	2.50	2.50
BR Open Area (m2)	4.19	Frctn Loss (m)		
BR Open Vel (m/s)	4.82	C & E Loss (m)		
Coef of Q		Shear Total (N/m2)		
Br Sel Method	Press/Weir	Power Total (N/m s)	0.00	0.00

Plan: Pr Rio Ragone Via Ragone RS: 2.11 Profile: T=500

E.G. US. (m)	11.37	Element	Inside BR US	Inside BR DS
W.S. US. (m)	10.57	E.G. Elev (m)	11.37	11.04
Q Total (m3/s)	41.00	W.S. Elev (m)	10.57	10.12
Q Bridge (m3/s)	21.61	Crit W.S. (m)	9.63	9.44
Q Weir (m3/s)	19.39	Max Chl Dpth (m)	4.15	3.89
Weir Sta Lft (m)	0.00	Vel Total (m/s)	0.00	0.00
Weir Sta Rgt (m)	2.50	Flow Area (m2)		
Weir Submerg	0.31	Froude # Chl	0.65	0.72
Weir Max Depth (m)	3.08	Specif Force (m3)	37.68	35.02
Min El Weir Flow (m)	8.29	Hydr Depth (m)		
Min El Prs (m)	8.10	W.P. Total (m)	10.85	11.23
Delta EG (m)	0.48	Conv. Total (m3/s)		
Delta WS (m)	1.32	Top Width (m)	2.50	2.50
BR Open Area (m2)	4.19	Frctn Loss (m)		
BR Open Vel (m/s)	5.16	C & E Loss (m)		
Coef of Q		Shear Total (N/m2)		
Br Sel Method	Press/Weir	Power Total (N/m s)	0.00	0.00