



PIANO STRUTTURALE

i - STUDIO IDROLOGICO-IDRAULICO

A-7_Allegato modellazione idraulica U.T.O.E. I Forni

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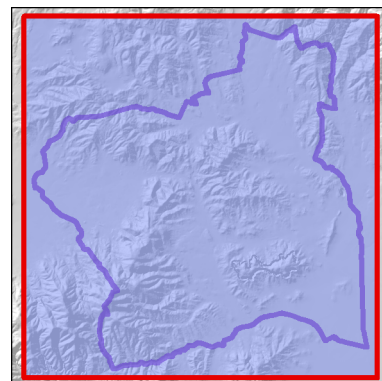
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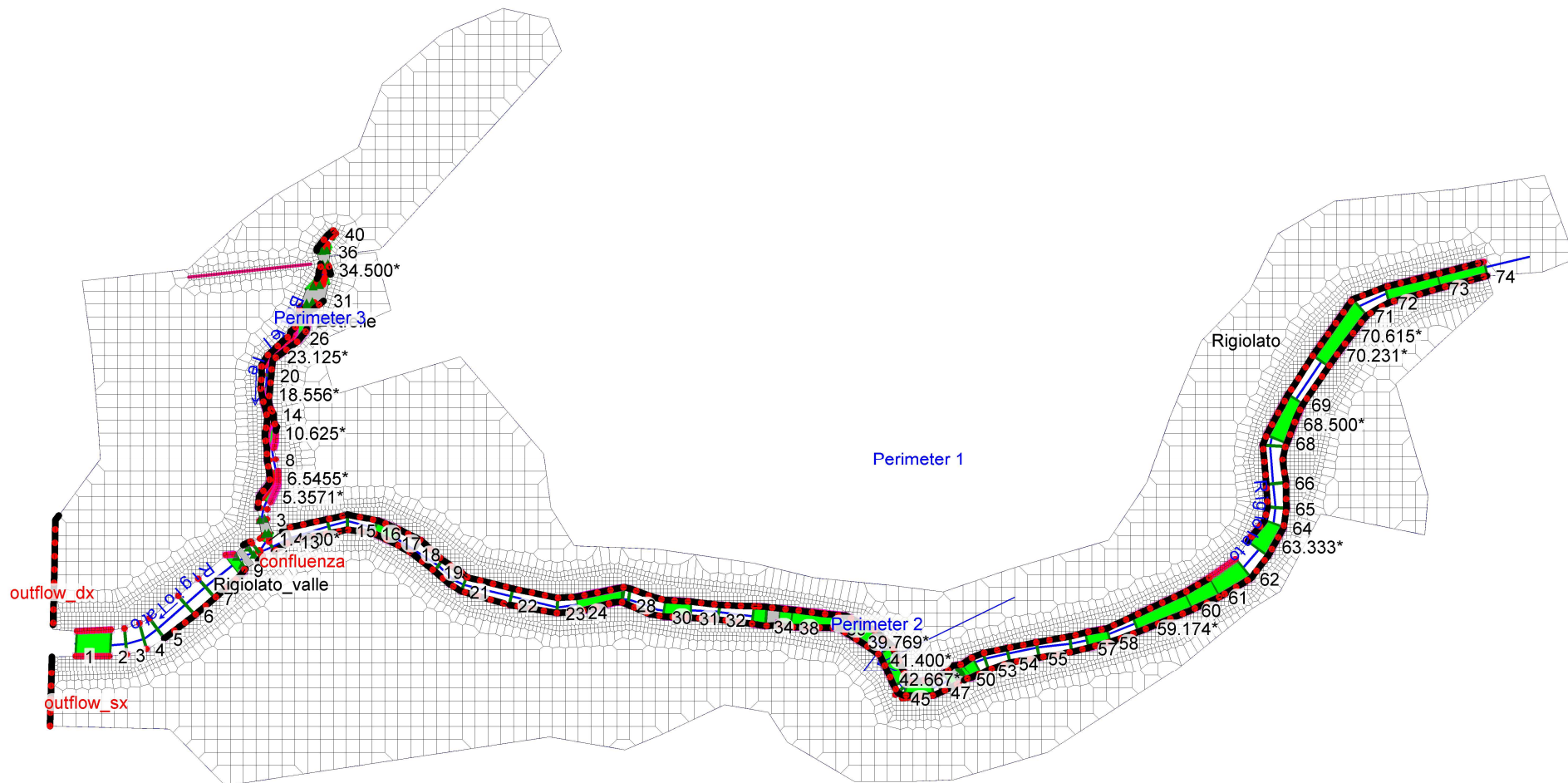
Piano Strutturale Comunale - Piano Operativo Comunale

PS
PO

RELAZIONE IDROLOGICO-IDRAULICA
Allegati modellazione idraulica

Zona di studio: U.T.O.E. I Forni

- Planimetria modello di calcolo Hec-Ras
- F. delle Botrelle - Tabella output Hec-Ras
- F. Rigiolato - Tabella output Hec-Ras
- F. delle Botrelle - Profilo Hec-Ras
- F. Rigiolato - Profilo Hec-Ras
- F. delle Botrelle - Sezioni Hec-Ras
- F. Rigiolato - Sezioni Hec-Ras
- Battenti Tr30 anni – Tp=1 ora
- Battenti Tr30 anni – Tp=2 ore
- Battenti Tr200 anni – Tp=1 ora
- Battenti Tr200 anni – Tp=2 ore
- Velocità Tr30 anni – Tp=1 ora
- Velocità Tr30 anni – Tp=2 ore
- Velocità Tr200 anni – Tp=1 ora
- Velocità Tr200 anni – Tp=2 ore



Reach	River Sta	Profile	Plan	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
Botrelle	40	Max WS	1D+2D_Tr200_1h_mod	36.41	27.40	32.20		32.60	0.002648	2.82	13.56	3.34	0.44
Botrelle	40	Max WS	1D+2D_Tr200_2h_mod	32.92	27.40	31.58		32.03	0.003720	3.00	11.48	3.34	0.51
Botrelle	40	Max WS	1D+2D_Tr30_2h_mod	21.80	27.40	30.75		31.09	0.003959	2.59	8.73	3.34	0.50
Botrelle	40	Max WS	1D+2D_Tr30_1h_mod	26.46	27.40	31.25		31.61	0.003320	2.66	10.39	3.34	0.47
Botrelle	39.25			Lat Struct									
Botrelle	39	Max WS	1D+2D_Tr200_1h_mod	39.05	27.46	32.26		32.49	0.001520	2.27	20.06	5.48	0.35
Botrelle	39	Max WS	1D+2D_Tr200_2h_mod	34.76	27.46	31.63		31.89	0.002105	2.39	16.62	5.48	0.40
Botrelle	39	Max WS	1D+2D_Tr30_2h_mod	22.70	27.46	30.79		30.99	0.002357	2.12	11.98	5.48	0.41
Botrelle	39	Max WS	1D+2D_Tr30_1h_mod	27.93	27.46	31.29		31.50	0.001925	2.14	14.77	5.48	0.38
Botrelle	38	Max WS	1D+2D_Tr200_1h_mod	40.66	27.55	32.29		32.46	0.000936	1.92	24.23	6.52	0.30
Botrelle	38	Max WS	1D+2D_Tr200_2h_mod	36.61	27.55	31.64		31.84	0.001353	2.06	20.03	6.52	0.35
Botrelle	38	Max WS	1D+2D_Tr30_2h_mod	23.55	27.55	30.79		30.94	0.001490	1.79	14.49	6.52	0.35
Botrelle	38	Max WS	1D+2D_Tr30_1h_mod	29.28	27.55	31.30		31.46	0.001233	1.84	17.82	6.52	0.33
Botrelle	37	Max WS	1D+2D_Tr200_1h_mod	35.18	27.38	32.38		32.43	0.000296	1.12	38.26	10.55	0.17
Botrelle	37	Max WS	1D+2D_Tr200_2h_mod	33.05	27.38	31.73		31.80	0.000463	1.26	31.44	10.55	0.21
Botrelle	37	Max WS	1D+2D_Tr30_2h_mod	21.89	27.38	30.85		30.91	0.000562	1.16	22.17	10.55	0.22
Botrelle	37	Max WS	1D+2D_Tr30_1h_mod	26.67	27.38	31.37		31.43	0.000437	1.14	27.68	10.55	0.20
Botrelle	36	Max WS	1D+2D_Tr200_1h_mod	35.18	27.38	32.37	29.68	32.43	0.000307	1.13	36.50	10.18	0.17
Botrelle	36	Max WS	1D+2D_Tr200_2h_mod	33.05	27.38	31.64	29.60	31.87	0.001060	2.13	15.53	10.18	0.34
Botrelle	36	Max WS	1D+2D_Tr30_2h_mod	21.89	27.38	30.79	29.14	30.95	0.001039	1.79	12.20	10.18	0.32
Botrelle	36	Max WS	1D+2D_Tr30_1h_mod	26.67	27.38	31.30	29.34	31.48	0.000930	1.88	14.20	10.18	0.31
Botrelle	35.5			Bridge									
Botrelle	35	Max WS	1D+2D_Tr200_1h_mod	35.14	27.52	31.49		31.77	0.001505	2.37	14.86	6.49	0.39
Botrelle	35	Max WS	1D+2D_Tr200_2h_mod	33.03	27.52	31.39		31.66	0.001445	2.28	14.49	6.49	0.38
Botrelle	35	Max WS	1D+2D_Tr30_2h_mod	21.87	27.52	30.62		30.81	0.001378	1.91	11.48	6.49	0.35
Botrelle	35	Max WS	1D+2D_Tr30_1h_mod	26.67	27.52	31.13		31.33	0.001203	1.98	13.47	6.49	0.34
Botrelle	34.7			Lat Struct									
Botrelle	34.6			Lat Struct									
Botrelle	34	Max WS	1D+2D_Tr200_1h_mod	34.70	27.27	31.59		31.67	0.000439	1.42	31.08	9.93	0.22
Botrelle	34	Max WS	1D+2D_Tr200_2h_mod	32.77	27.27	31.49		31.57	0.000429	1.38	30.09	9.90	0.22
Botrelle	34	Max WS	1D+2D_Tr30_2h_mod	21.88	27.27	30.69		30.75	0.000435	1.20	22.42	9.19	0.21
Botrelle	34	Max WS	1D+2D_Tr30_1h_mod	26.57	27.27	31.21		31.27	0.000369	1.22	27.33	9.65	0.20
Botrelle	33	Max WS	1D+2D_Tr200_1h_mod	34.16	27.22	31.57		31.68	0.000533	1.57	26.21	7.27	0.25
Botrelle	33	Max WS	1D+2D_Tr200_2h_mod	32.37	27.22	31.47		31.58	0.000520	1.53	25.49	7.27	0.24
Botrelle	33	Max WS	1D+2D_Tr30_2h_mod	21.88	27.22	30.68		30.75	0.000509	1.30	19.69	7.27	0.23
Botrelle	33	Max WS	1D+2D_Tr30_1h_mod	26.46	27.22	31.19		31.28	0.000444	1.35	23.46	7.27	0.22
Botrelle	32	Max WS	1D+2D_Tr200_1h_mod	34.16	26.90	31.62	28.91	31.66	0.000186	0.91	43.17	14.90	0.14
Botrelle	32	Max WS	1D+2D_Tr200_2h_mod	32.36	26.90	31.52	28.85	31.55	0.000183	0.89	41.67	14.66	0.14
Botrelle	32	Max WS	1D+2D_Tr30_2h_mod	21.88	26.90	30.68	28.48	30.76	0.000452	1.27	17.28	12.72	0.22
Botrelle	32	Max WS	1D+2D_Tr30_1h_mod	26.46	26.90	31.23	28.64	31.26	0.000163	0.80	37.53	13.99	0.13
Botrelle	31.5			Bridge									
Botrelle	31	Max WS	1D+2D_Tr200_1h_mod	33.91	27.37	30.90		31.03	0.001432	1.57	21.66	8.78	0.32
Botrelle	31	Max WS	1D+2D_Tr200_2h_mod	32.34	27.37	30.89		31.00	0.001327	1.50	21.51	8.75	0.31
Botrelle	31	Max WS	1D+2D_Tr30_2h_mod	21.88	27.37	30.49		30.61	0.000915	1.56	14.05	8.17	0.29
Botrelle	31	Max WS	1D+2D_Tr30_1h_mod	26.46	27.37	30.67		30.83	0.001100	1.78	14.89	8.43	0.32
Botrelle	30	Max WS	1D+2D_Tr200_1h_mod	33.96	26.97	30.95		31.04	0.000899	1.30	26.14	10.63	0.26
Botrelle	30	Max WS	1D+2D_Tr200_2h_mod	32.34	26.97	30.94		31.02	0.000830	1.25	25.96	10.59	0.25
Botrelle	30	Max WS	1D+2D_Tr30_2h_mod	21.88	26.97	30.53		30.58	0.000598	1.00	21.83	9.75	0.21
Botrelle	30	Max WS	1D+2D_Tr30_1h_mod	26.46	26.97	30.72		30.78	0.000705	1.12	23.71	10.14	0.23
Botrelle	29.5			Lat Struct									
Botrelle	29.4			Lat Struct									
Botrelle	29	Max WS	1D+2D_Tr200_1h_mod	30.99	27.18	30.98	28.91	31.03	0.000439	1.00	31.82	12.77	0.19
Botrelle	29	Max WS	1D+2D_Tr200_2h_mod	29.47	27.18	30.97	28.91	31.01	0.000406	0.95	31.59	12.77	0.18
Botrelle	29	Max WS	1D+2D_Tr30_2h_mod	21.46	27.18	30.54	28.60	30.58	0.000367	0.83	26.20	12.77	0.17
Botrelle	29	Max WS	1D+2D_Tr30_1h_mod	25.45	27.18	30.74	28.75	30.78	0.000400	0.90	28.67	12.77	0.18
Botrelle	28.5			Bridge									
Botrelle	28	Max WS	1D+2D_Tr200_1h_mod	30.37	27.20	29.85		29.98	0.001758	1.61	18.88	10.25	0.38
Botrelle	28	Max WS	1D+2D_Tr200_2h_mod	29.44	27.20	29.85		29.97	0.001660	1.56	18.85	10.25	0.37
Botrelle	28	Max WS	1D+2D_Tr30_2h_mod	21.42	27.20	29.43		29.54	0.001710	1.45	14.79	9.33	0.37
Botrelle	28	Max WS	1D+2D_Tr30_1h_mod	25.42	27.20	29.56		29.69	0.001951	1.59	15.97	9.61	0.39
Botrelle	27	Max WS	1D+2D_Tr200_1h_mod	30.32	26.59	29.80		30.02	0.003698	2.06	14.71	8.66	0.50
Botrelle	27	Max WS	1D+2D_Tr200_2h_mod	29.45	26.59	29.80		30.00	0.003489	2.00	14.70	8.64	0.49
Botrelle	27	Max WS	1D+2D_Tr30_2h_mod	21.42	26.59	29.39		29.56	0.003081	1.84	11.65	7.00	0.46
Botrelle	27	Max WS	1D+2D_Tr30_1h_mod	25.42	26.59	29.51		29.72	0.003607	2.04	12.49	7.23	0.49
Botrelle	26.9			Lat Struct									
Botrelle	26.85			Lat Struct									
Botrelle	26	Max WS	1D+2D_Tr200_1h_mod	32.42	26.59	29.72		30.19	0.009521	3.01	10.78	6.67	0.71
Botrelle	26	Max WS	1D+2D_Tr200_2h_mod	31.40	26.59	29.72		30.16	0.008955	2.92	10.77	6.64	0.69

Reach	River Sta	Profile	Plan	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
Botrelle	26	Max WS	1D+2D_Tr30_2h_mod	21.78	26.59	29.31		29.66	0.008879	2.60	8.36	5.80	0.69
Botrelle	26	Max WS	1D+2D_Tr30_1h_mod	26.21	26.59	29.43		29.86	0.010332	2.90	9.02	5.85	0.75
Botrelle	25	Max WS	1D+2D_Tr200_1h_mod	32.78	26.49	29.68		30.24	0.011538	3.30	10.09	7.69	0.73
Botrelle	25	Max WS	1D+2D_Tr200_2h_mod	31.80	26.49	29.68		30.21	0.010845	3.20	10.10	7.69	0.71
Botrelle	25	Max WS	1D+2D_Tr30_2h_mod	21.82	26.49	29.27		29.66	0.009503	2.74	7.96	4.67	0.67
Botrelle	25	Max WS	1D+2D_Tr30_1h_mod	26.33	26.49	29.38		29.87	0.011692	3.11	8.46	4.70	0.74
Botrelle	24	Max WS	1D+2D_Tr200_1h_mod	32.91	26.64	29.63		30.19	0.010996	3.31	10.06	6.55	0.71
Botrelle	24	Max WS	1D+2D_Tr200_2h_mod	31.94	26.64	29.64		30.16	0.010299	3.21	10.09	6.60	0.69
Botrelle	24	Max WS	1D+2D_Tr30_2h_mod	21.82	26.64	29.24		29.60	0.008399	2.68	8.14	4.40	0.63
Botrelle	24	Max WS	1D+2D_Tr30_1h_mod	26.32	26.64	29.33		29.81	0.010684	3.07	8.56	4.42	0.71
Botrelle	23	Max WS	1D+2D_Tr200_1h_mod	31.44	26.68	29.50		29.90	0.007400	2.82	11.35	5.61	0.60
Botrelle	23	Max WS	1D+2D_Tr200_2h_mod	30.76	26.68	29.52		29.90	0.006918	2.73	11.45	5.61	0.58
Botrelle	23	Max WS	1D+2D_Tr30_2h_mod	21.71	26.68	29.15		29.43	0.005936	2.32	9.36	4.87	0.53
Botrelle	23	Max WS	1D+2D_Tr30_1h_mod	25.72	26.68	29.20		29.57	0.007751	2.68	9.65	5.61	0.61
Botrelle	22	Max WS	1D+2D_Tr200_1h_mod	31.78	26.57	29.46		29.97	0.009483	3.18	10.36	5.49	0.64
Botrelle	22	Max WS	1D+2D_Tr200_2h_mod	31.08	26.57	29.48		29.95	0.008864	3.08	10.46	5.49	0.62
Botrelle	22	Max WS	1D+2D_Tr30_2h_mod	21.66	26.57	29.12		29.45	0.007167	2.58	8.46	5.49	0.56
Botrelle	22	Max WS	1D+2D_Tr30_1h_mod	25.80	26.57	29.16		29.62	0.009505	3.00	8.72	5.49	0.65
Botrelle	21	Max WS	1D+2D_Tr200_1h_mod	32.56	26.45	29.44		29.78	0.005440	2.65	12.89	8.11	0.56
Botrelle	21	Max WS	1D+2D_Tr200_2h_mod	31.87	26.45	29.46		29.78	0.005030	2.56	13.08	8.11	0.54
Botrelle	21	Max WS	1D+2D_Tr30_2h_mod	21.56	26.45	29.11		29.33	0.003998	2.11	10.42	6.81	0.48
Botrelle	21	Max WS	1D+2D_Tr30_1h_mod	25.81	26.45	29.13		29.45	0.005495	2.49	10.60	6.93	0.56
Botrelle	20	Max WS	1D+2D_Tr200_1h_mod	32.57	26.36	29.43		29.67	0.003122	2.21	15.06	7.32	0.46
Botrelle	20	Max WS	1D+2D_Tr200_2h_mod	31.75	26.36	29.45		29.68	0.002866	2.13	15.25	7.55	0.44
Botrelle	20	Max WS	1D+2D_Tr30_2h_mod	21.56	26.36	29.11		29.26	0.002147	1.70	12.80	6.94	0.38
Botrelle	20	Max WS	1D+2D_Tr30_1h_mod	25.69	26.36	29.13		29.33	0.002980	2.01	12.91	6.96	0.45
Botrelle	19	Max WS	1D+2D_Tr200_1h_mod	32.56	26.28	29.40		29.63	0.002661	2.10	15.93	7.53	0.43
Botrelle	19	Max WS	1D+2D_Tr200_2h_mod	30.60	26.28	29.43		29.63	0.002253	1.95	16.16	7.53	0.39
Botrelle	19	Max WS	1D+2D_Tr30_2h_mod	21.56	26.28	29.10		29.23	0.001766	1.60	13.72	7.12	0.35
Botrelle	19	Max WS	1D+2D_Tr30_1h_mod	25.70	26.28	29.11		29.29	0.002482	1.90	13.77	7.13	0.41
Botrelle	18.9		Lat Struct										
Botrelle	18	Max WS	1D+2D_Tr200_1h_mod	32.00	26.39	29.29		29.80	0.008277	3.20	10.40	4.48	0.63
Botrelle	18	Max WS	1D+2D_Tr200_2h_mod	29.94	26.39	29.33		29.76	0.006956	2.95	10.56	4.48	0.58
Botrelle	18	Max WS	1D+2D_Tr30_2h_mod	21.13	26.39	29.01		29.29	0.005084	2.39	9.14	4.47	0.50
Botrelle	18	Max WS	1D+2D_Tr30_1h_mod	25.54	26.39	29.00		29.42	0.007513	2.90	9.10	4.47	0.60
Botrelle	17	Max WS	1D+2D_Tr200_1h_mod	31.84	26.22	29.21		29.83	0.009663	3.47	9.24	3.75	0.68
Botrelle	17	Max WS	1D+2D_Tr200_2h_mod	30.08	26.22	29.25		29.78	0.008195	3.22	9.40	3.75	0.62
Botrelle	17	Max WS	1D+2D_Tr30_2h_mod	18.09	26.22	28.96		29.20	0.004217	2.18	8.34	3.45	0.45
Botrelle	17	Max WS	1D+2D_Tr30_1h_mod	25.51	26.22	28.93		29.42	0.008696	3.11	8.23	3.45	0.64
Botrelle	16	Max WS	1D+2D_Tr200_1h_mod	32.28	26.13	29.21		29.69	0.006896	3.10	10.73	4.55	0.61
Botrelle	16	Max WS	1D+2D_Tr200_2h_mod	30.84	26.13	29.25		29.68	0.005939	2.91	10.94	4.55	0.57
Botrelle	16	Max WS	1D+2D_Tr30_2h_mod	18.37	26.13	28.97		29.16	0.002989	1.94	9.70	4.24	0.40
Botrelle	16	Max WS	1D+2D_Tr30_1h_mod	25.53	26.13	28.93		29.31	0.006077	2.75	9.53	4.24	0.57
Botrelle	15	Max WS	1D+2D_Tr200_1h_mod	32.34	26.11	29.22		29.62	0.004055	2.86	12.46	5.24	0.56
Botrelle	15	Max WS	1D+2D_Tr200_2h_mod	30.93	26.11	29.27		29.62	0.003492	2.69	12.71	5.24	0.52
Botrelle	15	Max WS	1D+2D_Tr30_2h_mod	18.75	26.11	28.99		29.15	0.001869	1.83	11.23	5.24	0.38
Botrelle	15	Max WS	1D+2D_Tr30_1h_mod	25.49	26.11	28.95		29.25	0.003659	2.53	11.02	5.24	0.52
Botrelle	14.9		Lat Struct										
Botrelle	14	Max WS	1D+2D_Tr200_1h_mod	32.02	26.04	29.23		29.58	0.003903	2.69	12.83	5.63	0.53
Botrelle	14	Max WS	1D+2D_Tr200_2h_mod	30.59	26.04	29.27		29.58	0.003354	2.52	13.09	5.63	0.49
Botrelle	14	Max WS	1D+2D_Tr30_2h_mod	18.63	26.04	28.99		29.14	0.001833	1.73	11.49	5.63	0.36
Botrelle	14	Max WS	1D+2D_Tr30_1h_mod	25.52	26.04	28.95		29.23	0.003660	2.42	11.26	5.63	0.50
Botrelle	13	Max WS	1D+2D_Tr200_1h_mod	32.91	25.99	29.20		29.52	0.004731	2.57	13.48	6.30	0.51
Botrelle	13	Max WS	1D+2D_Tr200_2h_mod	31.75	25.99	29.25		29.53	0.004154	2.42	13.77	6.30	0.48
Botrelle	13	Max WS	1D+2D_Tr30_2h_mod	18.75	25.99	28.98		29.11	0.002063	1.63	12.09	6.30	0.34
Botrelle	13	Max WS	1D+2D_Tr30_1h_mod	24.96	25.99	28.94		29.18	0.003856	2.20	11.85	6.30	0.47
Botrelle	12	Max WS	1D+2D_Tr200_1h_mod	32.96	25.96	29.25		29.42	0.001902	1.92	18.88	9.23	0.39
Botrelle	12	Max WS	1D+2D_Tr200_2h_mod	32.55	25.96	29.29		29.45	0.001757	1.86	19.23	9.23	0.37
Botrelle	12	Max WS	1D+2D_Tr30_2h_mod	20.80	25.96	29.02		29.11	0.001075	1.35	16.76	9.23	0.29
Botrelle	12	Max WS	1D+2D_Tr30_1h_mod	23.89	25.96	29.00		29.11	0.001471	1.57	16.55	9.23	0.33
Botrelle	11	Max WS	1D+2D_Tr200_1h_mod	32.71	25.94	29.25		29.41	0.001847	1.79	19.16	8.81	0.36
Botrelle	11	Max WS	1D+2D_Tr200_2h_mod	32.30	25.94	29.29		29.44	0.001711	1.74	19.49	8.81	0.34
Botrelle	11	Max WS	1D+2D_Tr30_2h_mod	20.68	25.94	29.02		29.10	0.001016	1.26	17.15	8.55	0.26
Botrelle	11	Max WS	1D+2D_Tr30_1h_mod	23.76	25.94	29.00		29.11	0.001384	1.46	16.96	8.54	0.31
Botrelle	10	Max WS	1D+2D_Tr200_1h_mod	31.29	25.53	29.26		29.39	0.001592	1.64	19.77	8.28	0.32
Botrelle	10	Max WS	1D+2D_Tr200_2h_mod	30.80	25.53	29.30		29.42	0.001475	1.59	20.08	8.28	0.31
Botrelle	10	Max WS	1D+2D_Tr30_2h_mod	19.76	25.53	29.03		29.09	0.000850	1.15	17.81	8.28	0.23
Botrelle	10	Max WS	1D+2D_Tr30_1h_mod	23.18	25.53	29.00		29.09	0.001208	1.36	17.62	8.27	0.28
Botrelle	9	Max WS	1D+2D_Tr200_1h_mod	29.99	25.83	29.18		29.46	0.003830	2.35	13.19	5.55	0.46
Botrelle	9	Max WS	1D+2D_Tr200_2h_mod	29.41	25.83	29.23		29.48	0.003509	2.26	13.43	5.55	0.44
Botrelle	9	Max WS	1D+2D_Tr30_2h_mod	18.00	25.83	28.98		29.10	0.001759	1.53	12.06	5.55	0.31
Botrelle	9	Max WS	1D+2D_Tr30_1h_mod	22.71	25.83	28.94		29.13	0.002966	1.97	11.81	5.55	0.41

Reach	River Sta	Profile	Plan	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
Botrelle	8	Max WS	1D+2D_Tr200_1h_mod	29.74	25.71	29.19		29.38	0.002733	2.00	15.81	7.30	0.39
Botrelle	8	Max WS	1D+2D_Tr200_2h_mod	29.41	25.71	29.23		29.41	0.002533	1.94	16.12	7.30	0.37
Botrelle	8	Max WS	1D+2D_Tr30_2h_mod	17.37	25.71	28.99		29.07	0.001215	1.29	14.33	7.30	0.26
Botrelle	8	Max WS	1D+2D_Tr30_1h_mod	22.21	25.71	28.94		29.08	0.002111	1.69	14.01	7.29	0.34
Botrelle	7	Max WS	1D+2D_Tr200_1h_mod	27.05	25.57	29.19		29.36	0.002281	1.82	15.61	7.03	0.36
Botrelle	7	Max WS	1D+2D_Tr200_2h_mod	26.47	25.57	29.24		29.39	0.002060	1.74	15.94	7.03	0.34
Botrelle	7	Max WS	1D+2D_Tr30_2h_mod	16.02	25.57	29.00		29.07	0.001030	1.18	14.23	7.03	0.24
Botrelle	7	Max WS	1D+2D_Tr30_1h_mod	20.76	25.57	28.94		29.06	0.001870	1.57	13.83	7.03	0.32
Botrelle	6	Max WS	1D+2D_Tr200_1h_mod	26.30	25.50	29.16		29.35	0.003189	1.99	14.12	7.06	0.38
Botrelle	6	Max WS	1D+2D_Tr200_2h_mod	26.00	25.50	29.21		29.38	0.002930	1.92	14.45	7.07	0.37
Botrelle	6	Max WS	1D+2D_Tr30_2h_mod	16.16	25.50	28.97		29.06	0.001564	1.35	12.77	7.06	0.27
Botrelle	6	Max WS	1D+2D_Tr30_1h_mod	20.12	25.50	28.91		29.06	0.002634	1.73	12.36	7.06	0.35
Botrelle	5	Max WS	1D+2D_Tr200_1h_mod	24.85	25.41	29.19		29.27	0.000992	1.30	20.42	10.05	0.26
Botrelle	5	Max WS	1D+2D_Tr200_2h_mod	12.41	25.41	29.25		29.27	0.000227	0.63	21.07	10.05	0.12
Botrelle	5	Max WS	1D+2D_Tr30_2h_mod	15.47	25.41	28.99		29.03	0.000507	0.89	18.43	10.03	0.18
Botrelle	5	Max WS	1D+2D_Tr30_1h_mod	20.41	25.41	28.92		29.00	0.000978	1.22	17.75	10.03	0.26
Botrelle	4	Max WS	1D+2D_Tr200_1h_mod	12.78	25.45	29.27		29.29	0.000345	0.75	18.09	7.60	0.14
Botrelle	4	Max WS	1D+2D_Tr200_2h_mod	9.62	25.45	29.33		29.34	0.000183	0.55	18.54	7.60	0.10
Botrelle	4	Max WS	1D+2D_Tr30_2h_mod	9.04	25.45	29.03		29.04	0.000231	0.59	16.26	7.59	0.12
Botrelle	4	Max WS	1D+2D_Tr30_1h_mod	14.58	25.45	28.96		29.01	0.000652	0.97	15.77	7.59	0.19
Botrelle	3	Max WS	1D+2D_Tr200_1h_mod	12.81	25.46	29.27	26.56	29.29	0.000259	0.66	19.82	6.54	0.12
Botrelle	3	Max WS	1D+2D_Tr200_2h_mod	9.62	25.46	29.33	26.37	29.34	0.000138	0.48	20.20	6.54	0.09
Botrelle	3	Max WS	1D+2D_Tr30_2h_mod	8.72	25.46	29.03	26.31	29.04	0.000153	0.48	18.24	6.53	0.09
Botrelle	3	Max WS	1D+2D_Tr30_1h_mod	14.59	25.46	28.96	26.65	29.00	0.000457	0.83	17.83	6.53	0.16
Botrelle	2.5			Bridge									
Botrelle	2	Max WS	1D+2D_Tr200_1h_mod	12.19	25.37	29.22		29.24	0.000286	0.68	20.15	8.75	0.12
Botrelle	2	Max WS	1D+2D_Tr200_2h_mod	6.33	25.37	29.31		29.31	0.000069	0.34	20.91	8.75	0.06
Botrelle	2	Max WS	1D+2D_Tr30_2h_mod	7.86	25.37	29.00		29.01	0.000160	0.49	18.18	8.75	0.09
Botrelle	2	Max WS	1D+2D_Tr30_1h_mod	6.90	25.37	28.87		28.88	0.000147	0.45	17.07	8.75	0.08
Botrelle	1	Max WS	1D+2D_Tr200_1h_mod	11.79	24.83	29.23		29.24	0.000114	0.46	25.50	7.47	0.08
Botrelle	1	Max WS	1D+2D_Tr200_2h_mod	6.01	24.83	29.31		29.31	0.000028	0.23	26.13	7.47	0.04
Botrelle	1	Max WS	1D+2D_Tr30_2h_mod	6.69	24.83	29.00		29.00	0.000044	0.28	23.79	7.47	0.05
Botrelle	1	Max WS	1D+2D_Tr30_1h_mod	7.90	24.83	28.87		28.88	0.000069	0.35	22.84	7.47	0.06

Reach	River Sta	Profile	Plan	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
Rigioloto	74	Max WS	1D+2D_Tr200_1h_mod	111.07	30.11	34.69		35.47	0.008043	3.90	28.48	9.91	0.73
Rigioloto	74	Max WS	1D+2D_Tr200_2h_mod	134.50	30.11	34.92		35.89	0.010103	4.36	30.86	11.00	0.83
Rigioloto	74	Max WS	1D+2D_Tr30_2h_mod	81.61	30.11	34.16		34.76	0.006357	3.43	23.79	8.13	0.64
Rigioloto	74	Max WS	1D+2D_Tr30_1h_mod	67.08	30.11	33.85		34.35	0.005725	3.14	21.34	7.81	0.61
Rigioloto	73.6			Lat Struct									
Rigioloto	73.5			Lat Struct									
Rigioloto	73	Max WS	1D+2D_Tr200_1h_mod	109.76	30.28	34.40		35.16	0.007570	3.85	28.49	10.86	0.76
Rigioloto	73	Max WS	1D+2D_Tr200_2h_mod	124.38	30.28	34.58		35.43	0.008195	4.08	30.45	11.28	0.79
Rigioloto	73	Max WS	1D+2D_Tr30_2h_mod	81.59	30.28	33.90		34.52	0.006901	3.49	23.37	9.56	0.71
Rigioloto	73	Max WS	1D+2D_Tr30_1h_mod	67.08	30.28	33.61		34.15	0.006391	3.24	20.71	8.98	0.68
Rigioloto	72	Max WS	1D+2D_Tr200_1h_mod	109.51	30.35	34.11		34.79	0.006717	3.66	29.95	12.47	0.75
Rigioloto	72	Max WS	1D+2D_Tr200_2h_mod	121.26	30.35	34.27		35.00	0.006870	3.80	31.94	12.65	0.76
Rigioloto	72	Max WS	1D+2D_Tr30_2h_mod	81.56	30.35	33.62		34.20	0.006656	3.38	24.12	11.31	0.74
Rigioloto	72	Max WS	1D+2D_Tr30_1h_mod	67.08	30.35	33.35		33.86	0.006431	3.17	21.13	10.67	0.72
Rigioloto	71	Max WS	1D+2D_Tr200_1h_mod	109.64	30.30	33.94		34.59	0.007427	3.56	30.77	15.37	0.80
Rigioloto	71	Max WS	1D+2D_Tr200_2h_mod	120.48	30.30	34.10		34.76	0.007514	3.62	33.25	16.37	0.81
Rigioloto	71	Max WS	1D+2D_Tr30_2h_mod	81.54	30.30	33.46		34.03	0.006540	3.33	24.47	12.09	0.75
Rigioloto	71	Max WS	1D+2D_Tr30_1h_mod	67.08	30.30	33.19		33.70	0.006419	3.15	21.32	11.38	0.73
Rigioloto	70	Max WS	1D+2D_Tr200_1h_mod	109.80	29.99	33.57		34.25	0.007643	3.67	29.84	14.41	0.81
Rigioloto	70	Max WS	1D+2D_Tr200_2h_mod	118.44	29.99	33.72		34.42	0.007240	3.69	32.09	14.63	0.80
Rigioloto	70	Max WS	1D+2D_Tr30_2h_mod	81.52	29.99	33.12		33.70	0.006961	3.39	24.05	12.11	0.77
Rigioloto	70	Max WS	1D+2D_Tr30_1h_mod	67.07	29.99	32.86		33.38	0.006807	3.19	20.99	11.40	0.75
Rigioloto	69	Max WS	1D+2D_Tr200_1h_mod	109.54	29.78	33.31		33.98	0.006876	3.64	30.06	13.41	0.78
Rigioloto	69	Max WS	1D+2D_Tr200_2h_mod	118.31	29.78	33.47		34.16	0.006544	3.66	32.32	13.64	0.76
Rigioloto	69	Max WS	1D+2D_Tr30_2h_mod	81.51	29.78	32.88		33.44	0.006523	3.32	24.54	12.22	0.75
Rigioloto	69	Max WS	1D+2D_Tr30_1h_mod	67.07	29.78	32.62		33.12	0.006272	3.11	21.55	11.52	0.73
Rigioloto	68	Max WS	1D+2D_Tr200_1h_mod	109.58	29.25	33.13		33.63	0.004779	3.15	34.84	14.44	0.65
Rigioloto	68	Max WS	1D+2D_Tr200_2h_mod	119.45	29.25	33.30		33.82	0.005105	3.19	37.49	16.23	0.67
Rigioloto	68	Max WS	1D+2D_Tr30_2h_mod	81.49	29.25	32.73		33.12	0.004188	2.78	29.30	13.29	0.60
Rigioloto	68	Max WS	1D+2D_Tr30_1h_mod	67.07	29.25	32.49		32.82	0.003813	2.56	26.24	12.63	0.57
Rigioloto	67	Max WS	1D+2D_Tr200_1h_mod	109.58	29.25	33.08		33.64	0.005479	3.30	33.23	14.68	0.70
Rigioloto	67	Max WS	1D+2D_Tr200_2h_mod	119.56	29.25	33.26		33.82	0.005772	3.33	35.88	16.40	0.72
Rigioloto	67	Max WS	1D+2D_Tr30_2h_mod	81.49	29.25	32.68		33.13	0.004913	2.95	27.65	13.34	0.65
Rigioloto	67	Max WS	1D+2D_Tr30_1h_mod	67.07	29.25	32.45		32.83	0.004518	2.73	24.61	12.54	0.62
Rigioloto	66	Max WS	1D+2D_Tr200_1h_mod	109.57	29.11	32.89		33.56	0.007175	3.64	30.09	13.75	0.79
Rigioloto	66	Max WS	1D+2D_Tr200_2h_mod	120.91	29.11	33.06		33.76	0.007469	3.72	32.49	14.92	0.81
Rigioloto	66	Max WS	1D+2D_Tr30_2h_mod	81.48	29.11	32.51		33.04	0.005952	3.22	25.31	12.01	0.71
Rigioloto	66	Max WS	1D+2D_Tr30_1h_mod	67.07	29.11	32.29		32.73	0.005388	2.95	22.71	11.42	0.67
Rigioloto	65	Max WS	1D+2D_Tr200_1h_mod	109.56	29.06	32.76		33.45	0.007281	3.69	29.73	13.61	0.80
Rigioloto	65	Max WS	1D+2D_Tr200_2h_mod	122.07	29.06	32.92		33.66	0.007433	3.82	31.99	14.10	0.81
Rigioloto	65	Max WS	1D+2D_Tr30_2h_mod	81.48	29.06	32.40		32.94	0.006374	3.25	25.04	12.55	0.74
Rigioloto	65	Max WS	1D+2D_Tr30_1h_mod	67.07	29.06	32.19		32.64	0.005781	2.99	22.45	11.92	0.69
Rigioloto	64	Max WS	1D+2D_Tr200_1h_mod	109.56	29.12	32.66		33.35	0.007176	3.66	29.92	14.00	0.80
Rigioloto	64	Max WS	1D+2D_Tr200_2h_mod	122.07	29.12	32.82		33.56	0.007305	3.79	32.22	14.51	0.81
Rigioloto	64	Max WS	1D+2D_Tr30_2h_mod	81.48	29.12	32.32		32.85	0.006246	3.23	25.26	12.93	0.74
Rigioloto	64	Max WS	1D+2D_Tr30_1h_mod	67.07	29.12	32.11		32.56	0.005641	2.96	22.70	12.30	0.69
Rigioloto	63	Max WS	1D+2D_Tr200_1h_mod	109.55	28.90	32.53		33.08	0.005199	3.27	33.46	14.44	0.69
Rigioloto	63	Max WS	1D+2D_Tr200_2h_mod	122.07	28.90	32.69		33.28	0.005411	3.42	35.73	14.88	0.70
Rigioloto	63	Max WS	1D+2D_Tr30_2h_mod	81.47	28.90	32.22		32.62	0.004190	2.80	29.10	13.55	0.61
Rigioloto	63	Max WS	1D+2D_Tr30_1h_mod	67.07	28.90	32.04		32.36	0.003598	2.52	26.65	13.03	0.56
Rigioloto	62	Max WS	1D+2D_Tr200_1h_mod	109.54	28.80	32.45		32.92	0.004470	3.01	36.33	16.40	0.65
Rigioloto	62	Max WS	1D+2D_Tr200_2h_mod	122.06	28.80	32.60		33.11	0.004644	3.14	38.83	16.92	0.66
Rigioloto	62	Max WS	1D+2D_Tr30_2h_mod	81.46	28.80	32.16		32.50	0.003558	2.57	31.72	15.38	0.57
Rigioloto	62	Max WS	1D+2D_Tr30_1h_mod	67.07	28.80	31.99		32.26	0.003035	2.30	29.12	14.77	0.52
Rigioloto	61	Max WS	1D+2D_Tr200_1h_mod	109.53	28.76	32.26		33.09	0.009020	4.04	27.14	12.57	0.88
Rigioloto	61	Max WS	1D+2D_Tr200_2h_mod	122.06	28.76	32.41		33.31	0.009373	4.21	29.01	12.97	0.90
Rigioloto	61	Max WS	1D+2D_Tr30_2h_mod	81.46	28.76	31.99		32.59	0.007085	3.42	23.80	11.81	0.77
Rigioloto	61	Max WS	1D+2D_Tr30_1h_mod	67.07	28.76	31.83		32.31	0.005952	3.05	21.97	11.38	0.70
Rigioloto	60.95			Lat Struct									
Rigioloto	60.94			Lat Struct									
Rigioloto	60	Max WS	1D+2D_Tr200_1h_mod	104.73	28.65	32.08		32.67	0.006117	3.41	30.75	14.25	0.74
Rigioloto	60	Max WS	1D+2D_Tr200_2h_mod	115.87	28.65	32.22		32.86	0.006256	3.54	32.75	14.44	0.75
Rigioloto	60	Max WS	1D+2D_Tr30_2h_mod	79.33	28.65	31.87		32.28	0.004718	2.86	27.74	13.96	0.65
Rigioloto	60	Max WS	1D+2D_Tr30_1h_mod	65.97	28.65	31.74		32.07	0.003928	2.54	26.02	13.80	0.59
Rigioloto	59	Max WS	1D+2D_Tr200_1h_mod	79.36	28.42	31.92		32.33	0.004391	2.84	27.90	12.73	0.61
Rigioloto	59	Max WS	1D+2D_Tr200_2h_mod	88.07	28.42	32.05		32.51	0.004576	2.97	29.61	12.91	0.63
Rigioloto	59	Max WS	1D+2D_Tr30_2h_mod	65.26	28.42	31.73		32.07	0.003813	2.56	25.54	12.47	0.57
Rigioloto	59	Max WS	1D+2D_Tr30_1h_mod	57.39	28.42	31.61		31.90	0.003496	2.39	24.05	12.31	0.55
Rigioloto	58	Max WS	1D+2D_Tr200_1h_mod	78.63	28.32	31.79		32.31	0.005825	3.20	24.54	11.11	0.69
Rigioloto	58	Max WS	1D+2D_Tr200_2h_mod	87.08	28.32	31.92		32.49	0.006102	3.35	25.98	11.27	0.70
Rigioloto	58	Max WS	1D+2D_Tr30_2h_mod	64.77	28.32	31.62		32.03	0.004928	2.86	22.64	10.85	0.63
Rigioloto	58	Max WS	1D+2D_Tr30_1h_mod	57.00	28.32	31.51		31.87	0.004428	2.66	21.45	10.69	0.60

Reach	River Sta	Profile	Plan	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
Rigiolato	57	Max WS	1D+2D_Tr200_1h_mod	78.86	28.22	31.72		32.14	0.004459	2.85	27.70	12.57	0.61
Rigiolato	57	Max WS	1D+2D_Tr200_2h_mod	86.82	28.22	31.85		32.30	0.004580	2.96	29.30	12.57	0.62
Rigiolato	57	Max WS	1D+2D_Tr30_2h_mod	65.95	28.22	31.56		31.90	0.003877	2.57	25.65	12.37	0.57
Rigiolato	57	Max WS	1D+2D_Tr30_1h_mod	57.69	28.22	31.46		31.75	0.003403	2.36	24.43	12.22	0.53
Rigiolato	56	Max WS	1D+2D_Tr200_1h_mod	74.00	28.14	31.69		32.06	0.004026	2.69	27.48	12.84	0.59
Rigiolato	56	Max WS	1D+2D_Tr200_2h_mod	82.44	28.14	31.81		32.22	0.004251	2.84	29.05	12.88	0.60
Rigiolato	56	Max WS	1D+2D_Tr30_2h_mod	61.86	28.14	31.53		31.83	0.003442	2.43	25.50	12.50	0.54
Rigiolato	56	Max WS	1D+2D_Tr30_1h_mod	54.93	28.14	31.43		31.70	0.003104	2.26	24.27	12.28	0.51
Rigiolato	55	Max WS	1D+2D_Tr200_1h_mod	70.85	28.03	31.60		31.96	0.004082	2.65	26.65	12.77	0.59
Rigiolato	55	Max WS	1D+2D_Tr200_2h_mod	77.67	28.03	31.72		32.11	0.004159	2.75	28.23	12.77	0.59
Rigiolato	55	Max WS	1D+2D_Tr30_2h_mod	60.96	28.03	31.44		31.75	0.003774	2.47	24.65	12.51	0.56
Rigiolato	55	Max WS	1D+2D_Tr30_1h_mod	54.56	28.03	31.35		31.62	0.003446	2.32	23.50	12.31	0.54
Rigiolato	54	Max WS	1D+2D_Tr200_1h_mod	67.52	27.90	31.52		31.85	0.003701	2.56	26.42	12.14	0.55
Rigiolato	54	Max WS	1D+2D_Tr200_2h_mod	74.68	27.90	31.64		32.01	0.003875	2.68	27.86	12.14	0.57
Rigiolato	54	Max WS	1D+2D_Tr30_2h_mod	58.00	27.90	31.37		31.66	0.003337	2.35	24.64	12.04	0.53
Rigiolato	54	Max WS	1D+2D_Tr30_1h_mod	52.91	27.90	31.28		31.54	0.003148	2.25	23.52	11.84	0.51
Rigiolato	53	Max WS	1D+2D_Tr200_1h_mod	68.61	27.84	31.48		31.75	0.003015	2.32	29.61	14.10	0.51
Rigiolato	53	Max WS	1D+2D_Tr200_2h_mod	76.50	27.84	31.59		31.89	0.003249	2.45	31.21	14.37	0.53
Rigiolato	53	Max WS	1D+2D_Tr30_2h_mod	58.50	27.84	31.34		31.56	0.002631	2.11	27.69	13.77	0.48
Rigiolato	53	Max WS	1D+2D_Tr30_1h_mod	53.28	27.84	31.25		31.45	0.002475	2.01	26.45	13.55	0.46
Rigiolato	52	Max WS	1D+2D_Tr200_1h_mod	68.20	27.76	31.45		31.72	0.002976	2.30	29.72	14.11	0.50
Rigiolato	52	Max WS	1D+2D_Tr200_2h_mod	76.41	27.76	31.56		31.87	0.003256	2.44	31.25	14.37	0.53
Rigiolato	52	Max WS	1D+2D_Tr30_2h_mod	58.18	27.76	31.32		31.54	0.002588	2.09	27.84	13.79	0.47
Rigiolato	52	Max WS	1D+2D_Tr30_1h_mod	53.06	27.76	31.23		31.43	0.002436	1.99	26.60	13.57	0.45
Rigiolato	51	Max WS	1D+2D_Tr200_1h_mod	62.09	27.71	31.44		31.72	0.003248	2.32	26.72	12.46	0.51
Rigiolato	51	Max WS	1D+2D_Tr200_2h_mod	69.55	27.71	31.55		31.86	0.003584	2.48	28.04	12.73	0.53
Rigiolato	51	Max WS	1D+2D_Tr30_2h_mod	53.23	27.71	31.31		31.54	0.002821	2.12	25.07	12.10	0.47
Rigiolato	51	Max WS	1D+2D_Tr30_1h_mod	48.88	27.71	31.22		31.43	0.002673	2.04	23.98	11.84	0.46
Rigiolato	50	Max WS	1D+2D_Tr200_1h_mod	70.19	27.68	31.41	30.43	31.66	0.002837	2.20	31.92	14.50	0.47
Rigiolato	50	Max WS	1D+2D_Tr200_2h_mod	74.94	27.68	31.53	30.50	31.79	0.002770	2.22	33.70	14.72	0.47
Rigiolato	50	Max WS	1D+2D_Tr30_2h_mod	63.16	27.68	31.26	30.33	31.49	0.002794	2.12	29.80	14.24	0.47
Rigiolato	50	Max WS	1D+2D_Tr30_1h_mod	58.62	27.68	31.17	30.26	31.39	0.002739	2.06	28.49	14.07	0.46
Rigiolato	49.5			Inl Struct									
Rigiolato	49	Max WS	1D+2D_Tr200_1h_mod	70.17	27.90	31.17		31.53	0.004542	2.64	26.59	14.28	0.62
Rigiolato	49	Max WS	1D+2D_Tr200_2h_mod	74.93	27.90	31.35		31.69	0.003881	2.57	29.13	14.29	0.57
Rigiolato	49	Max WS	1D+2D_Tr30_2h_mod	63.12	27.90	30.91		31.30	0.005289	2.74	23.02	12.96	0.66
Rigiolato	49	Max WS	1D+2D_Tr30_1h_mod	58.61	27.90	30.73		31.14	0.005926	2.82	20.75	12.12	0.69
Rigiolato	48.9			Lat Struct									
Rigiolato	48.8			Lat Struct									
Rigiolato	48	Max WS	1D+2D_Tr200_1h_mod	73.37	27.08	31.19		31.41	0.001942	2.08	35.29	12.80	0.40
Rigiolato	48	Max WS	1D+2D_Tr200_2h_mod	80.53	27.08	31.36		31.60	0.001997	2.15	37.45	13.03	0.41
Rigiolato	48	Max WS	1D+2D_Tr30_2h_mod	63.93	27.08	30.95		31.15	0.001906	1.99	32.15	12.43	0.39
Rigiolato	48	Max WS	1D+2D_Tr30_1h_mod	59.71	27.08	30.76		30.97	0.002010	2.00	29.91	11.99	0.40
Rigiolato	47	Max WS	1D+2D_Tr200_1h_mod	86.57	27.03	31.10		31.41	0.002546	2.46	35.13	11.50	0.45
Rigiolato	47	Max WS	1D+2D_Tr200_2h_mod	94.96	27.03	31.26		31.59	0.002657	2.57	36.99	11.59	0.46
Rigiolato	47	Max WS	1D+2D_Tr30_2h_mod	72.10	27.03	30.88		31.13	0.002165	2.21	32.64	11.33	0.42
Rigiolato	47	Max WS	1D+2D_Tr30_1h_mod	62.84	27.03	30.73		30.94	0.001895	2.03	30.98	11.12	0.39
Rigiolato	46	Max WS	1D+2D_Tr200_1h_mod	90.19	26.99	31.09		31.36	0.002079	2.30	39.24	12.49	0.41
Rigiolato	46	Max WS	1D+2D_Tr200_2h_mod	100.74	26.99	31.24		31.55	0.002280	2.45	41.12	12.61	0.43
Rigiolato	46	Max WS	1D+2D_Tr30_2h_mod	72.99	26.99	30.89		31.09	0.001633	1.99	36.73	12.24	0.37
Rigiolato	46	Max WS	1D+2D_Tr30_1h_mod	63.10	26.99	30.74		30.91	0.001397	1.80	34.98	12.06	0.34
Rigiolato	45	Max WS	1D+2D_Tr200_1h_mod	95.33	26.95	31.00		31.33	0.002726	2.56	37.28	11.22	0.45
Rigiolato	45	Max WS	1D+2D_Tr200_2h_mod	111.13	26.95	31.11		31.54	0.003385	2.88	38.53	11.31	0.50
Rigiolato	45	Max WS	1D+2D_Tr30_2h_mod	74.01	26.95	30.84		31.06	0.001884	2.09	35.47	11.09	0.37
Rigiolato	45	Max WS	1D+2D_Tr30_1h_mod	63.10	26.95	30.71		30.88	0.001534	1.85	34.05	10.99	0.34
Rigiolato	44	Max WS	1D+2D_Tr200_1h_mod	91.56	27.16	31.03		31.30	0.002144	2.32	39.51	12.34	0.41
Rigiolato	44	Max WS	1D+2D_Tr200_2h_mod	104.40	27.16	31.15		31.48	0.002505	2.54	41.06	12.43	0.45
Rigiolato	44	Max WS	1D+2D_Tr30_2h_mod	73.14	27.16	30.85		31.05	0.001607	1.96	37.31	12.21	0.36
Rigiolato	44	Max WS	1D+2D_Tr30_1h_mod	62.96	27.16	30.71		30.87	0.001352	1.77	35.66	12.11	0.33
Rigiolato	43	Max WS	1D+2D_Tr200_1h_mod	88.05	27.33	31.01		31.33	0.002852	2.53	34.85	11.08	0.45
Rigiolato	43	Max WS	1D+2D_Tr200_2h_mod	97.95	27.33	31.14		31.51	0.003215	2.69	36.38	11.61	0.49
Rigiolato	43	Max WS	1D+2D_Tr30_2h_mod	72.37	27.33	30.82		31.07	0.002270	2.21	32.79	10.80	0.40
Rigiolato	43	Max WS	1D+2D_Tr30_1h_mod	63.18	27.33	30.68		30.89	0.001958	2.02	31.32	10.61	0.37
Rigiolato	42	Max WS	1D+2D_Tr200_1h_mod	82.05	27.65	30.95		31.33	0.003579	2.72	30.13	11.55	0.54
Rigiolato	42	Max WS	1D+2D_Tr200_2h_mod	89.81	27.65	31.09		31.50	0.003693	2.82	31.81	11.75	0.55
Rigiolato	42	Max WS	1D+2D_Tr30_2h_mod	69.87	27.65	30.75		31.07	0.003227	2.51	27.84	11.26	0.51
Rigiolato	42	Max WS	1D+2D_Tr30_1h_mod	62.58	27.65	30.60		30.89	0.003063	2.39	26.21	11.05	0.50
Rigiolato	41	Max WS	1D+2D_Tr200_1h_mod	82.85	27.21	30.94		31.24	0.002523	2.39	34.62	12.03	0.45
Rigiolato	41	Max WS	1D+2D_Tr200_2h_mod	91.37	27.21	31.08		31.40	0.002692	2.52	36.27	12.13	0.47
Rigiolato	41	Max WS	1D+2D_Tr30_2h_mod	68.94	27.21	30.76		30.99	0.002101	2.13	32.41	11.89	0.41
Rigiolato	41	Max WS	1D+2D_Tr30_1h_mod	61.40	27.21	30.62		30.82	0.001936	2.00	30.72	11.71	0.39
Rigiolato	40	Max WS	1D+2D_Tr200_1h_mod	87.34	27.19	30.93		31.16	0.001802	2.13	41.10	13.70	0.39
Rigiolato	40	Max WS	1D+2D_Tr200_2h_mod	97.27	27.19	31.06		31.32	0.001978	2.27	42.90	13.77	0.41

Reach	River Sta	Profile	Plan	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
Rigiolato	40	Max WS	1D+2D_Tr30_2h_mod	72.77	27.19	30.75		30.93	0.001483	1.88	38.70	13.55	0.36
Rigiolato	40	Max WS	1D+2D_Tr30_1h_mod	64.95	27.19	30.60		30.76	0.001371	1.77	36.73	13.38	0.34
Rigiolato	39	Max WS	1D+2D_Tr200_1h_mod	84.94	27.03	30.83		31.17	0.002895	2.55	33.28	11.52	0.48
Rigiolato	39	Max WS	1D+2D_Tr200_2h_mod	92.54	27.03	30.97		31.33	0.003018	2.65	34.88	11.60	0.49
Rigiolato	39	Max WS	1D+2D_Tr30_2h_mod	73.41	27.03	30.65		30.93	0.002600	2.36	31.12	11.34	0.45
Rigiolato	39	Max WS	1D+2D_Tr30_1h_mod	64.64	27.03	30.52		30.76	0.002294	2.18	29.69	11.17	0.43
Rigiolato	38	Max WS	1D+2D_Tr200_1h_mod	87.56	27.51	30.66		31.09	0.004594	2.93	29.91	14.00	0.64
Rigiolato	38	Max WS	1D+2D_Tr200_2h_mod	96.96	27.51	30.77		31.26	0.004803	3.07	31.56	14.00	0.65
Rigiolato	38	Max WS	1D+2D_Tr30_2h_mod	74.43	27.51	30.49		30.86	0.004152	2.70	27.62	13.73	0.61
Rigiolato	38	Max WS	1D+2D_Tr30_1h_mod	65.52	27.51	30.38		30.70	0.003799	2.51	26.06	13.55	0.58
Rigiolato	37	Max WS	1D+2D_Tr200_1h_mod	77.96	27.77	30.66	29.91	30.97	0.004032	2.46	31.63	16.15	0.56
Rigiolato	37	Max WS	1D+2D_Tr200_2h_mod	85.11	27.77	30.79	30.01	31.11	0.003967	2.53	33.67	16.15	0.56
Rigiolato	37	Max WS	1D+2D_Tr30_2h_mod	68.33	27.77	30.48	29.74	30.77	0.004161	2.38	28.74	16.15	0.57
Rigiolato	37	Max WS	1D+2D_Tr30_1h_mod	61.91	27.77	30.36	29.64	30.63	0.004288	2.32	26.71	16.14	0.58
Rigiolato	36.5												
Rigiolato				Inl Struct									
Rigiolato	34	Max WS	1D+2D_Tr200_1h_mod	77.90	26.04	30.04		30.22	0.001535	1.87	41.70	14.69	0.35
Rigiolato	34	Max WS	1D+2D_Tr200_2h_mod	85.09	26.04	30.24		30.43	0.001506	1.91	44.66	14.90	0.35
Rigiolato	34	Max WS	1D+2D_Tr30_2h_mod	68.30	26.04	29.74		29.91	0.001631	1.83	37.26	14.38	0.36
Rigiolato	34	Max WS	1D+2D_Tr30_1h_mod	61.91	26.04	29.56		29.72	0.001649	1.78	34.69	14.20	0.36
Rigiolato	33	Max WS	1D+2D_Tr200_1h_mod	91.17	26.06	29.93		30.23	0.002875	2.43	37.49	13.77	0.47
Rigiolato	33	Max WS	1D+2D_Tr200_2h_mod	103.22	26.06	30.11		30.45	0.003073	2.58	39.95	13.96	0.49
Rigiolato	33	Max WS	1D+2D_Tr30_2h_mod	74.84	26.06	29.66		29.91	0.002604	2.21	33.81	13.47	0.45
Rigiolato	33	Max WS	1D+2D_Tr30_1h_mod	64.86	26.06	29.50		29.72	0.002354	2.05	31.71	13.31	0.42
Rigiolato	32.5			Lat Struct									
Rigiolato	32.4			Lat Struct									
Rigiolato	32	Max WS	1D+2D_Tr200_1h_mod	90.01	25.98	29.79		30.24	0.005018	2.98	30.25	11.90	0.60
Rigiolato	32	Max WS	1D+2D_Tr200_2h_mod	101.05	25.98	29.96		30.46	0.005207	3.13	32.33	11.90	0.61
Rigiolato	32	Max WS	1D+2D_Tr30_2h_mod	74.79	25.98	29.52		29.91	0.004717	2.76	27.14	11.60	0.58
Rigiolato	32	Max WS	1D+2D_Tr30_1h_mod	64.75	25.98	29.38		29.71	0.004242	2.54	25.47	11.44	0.54
Rigiolato	31	Max WS	1D+2D_Tr200_1h_mod	88.76	25.92	29.68		30.14	0.005204	3.00	29.60	11.83	0.61
Rigiolato	31	Max WS	1D+2D_Tr200_2h_mod	99.54	25.92	29.85		30.35	0.005395	3.15	31.62	11.83	0.61
Rigiolato	31	Max WS	1D+2D_Tr30_2h_mod	73.78	25.92	29.42		29.81	0.004958	2.78	26.54	11.76	0.59
Rigiolato	31	Max WS	1D+2D_Tr30_1h_mod	64.09	25.92	29.28		29.62	0.004487	2.57	24.95	11.69	0.56
Rigiolato	30	Max WS	1D+2D_Tr200_1h_mod	90.34	25.86	29.66		29.95	0.002766	2.39	37.85	13.18	0.45
Rigiolato	30	Max WS	1D+2D_Tr200_2h_mod	103.63	25.86	29.80		30.15	0.003145	2.60	39.79	13.18	0.48
Rigiolato	30	Max WS	1D+2D_Tr30_2h_mod	72.72	25.86	29.41		29.64	0.002327	2.10	34.63	13.17	0.41
Rigiolato	30	Max WS	1D+2D_Tr30_1h_mod	63.44	25.86	29.28		29.47	0.002063	1.93	32.89	13.17	0.39
Rigiolato	29	Max WS	1D+2D_Tr200_1h_mod	83.98	25.84	29.66		29.92	0.002628	2.27	36.97	13.87	0.44
Rigiolato	29	Max WS	1D+2D_Tr200_2h_mod	96.51	25.84	29.81		30.12	0.002958	2.47	39.03	13.87	0.47
Rigiolato	29	Max WS	1D+2D_Tr30_2h_mod	68.99	25.84	29.40		29.62	0.002392	2.06	33.43	13.86	0.42
Rigiolato	29	Max WS	1D+2D_Tr30_1h_mod	61.94	25.84	29.26		29.46	0.002314	1.97	31.44	13.80	0.42
Rigiolato	28	Max WS	1D+2D_Tr200_1h_mod	69.39	25.79	29.68		29.88	0.001942	1.97	35.20	12.93	0.38
Rigiolato	28	Max WS	1D+2D_Tr200_2h_mod	79.07	25.79	29.83		30.06	0.002167	2.13	37.07	12.93	0.40
Rigiolato	28	Max WS	1D+2D_Tr30_2h_mod	60.02	25.79	29.40		29.59	0.001977	1.90	31.60	12.77	0.39
Rigiolato	28	Max WS	1D+2D_Tr30_1h_mod	56.19	25.79	29.24		29.43	0.001981	1.90	29.60	11.86	0.38
Rigiolato	27	Max WS	1D+2D_Tr200_1h_mod	60.49	25.77	29.73		29.90	0.001640	1.77	34.11	12.21	0.34
Rigiolato	27	Max WS	1D+2D_Tr200_2h_mod	70.85	25.77	29.88		30.08	0.001948	1.98	35.85	12.21	0.37
Rigiolato	27	Max WS	1D+2D_Tr30_2h_mod	55.45	25.77	29.42		29.59	0.001967	1.83	30.22	12.21	0.37
Rigiolato	27	Max WS	1D+2D_Tr30_1h_mod	52.41	25.77	29.25		29.42	0.001946	1.85	28.36	11.11	0.37
Rigiolato	26	Max WS	1D+2D_Tr200_1h_mod	61.67	25.77	29.75		29.96	0.002051	2.07	29.83	10.26	0.39
Rigiolato	26	Max WS	1D+2D_Tr200_2h_mod	71.38	25.77	29.86		30.13	0.002476	2.30	31.05	10.44	0.43
Rigiolato	26	Max WS	1D+2D_Tr30_2h_mod	53.39	25.77	29.40		29.61	0.002115	2.02	26.37	9.73	0.39
Rigiolato	26	Max WS	1D+2D_Tr30_1h_mod	50.13	25.77	29.24		29.45	0.002179	2.02	24.82	9.42	0.40
Rigiolato	25	Max WS	1D+2D_Tr200_1h_mod	60.15	25.77	29.65		30.02	0.004321	2.68	22.47	9.64	0.56
Rigiolato	25	Max WS	1D+2D_Tr200_2h_mod	65.26	25.77	29.79		30.17	0.004353	2.74	23.81	9.85	0.56
Rigiolato	25	Max WS	1D+2D_Tr30_2h_mod	50.53	25.77	29.35		29.69	0.004397	2.58	19.60	9.19	0.56
Rigiolato	25	Max WS	1D+2D_Tr30_1h_mod	49.04	25.77	29.17		29.55	0.005200	2.73	17.99	8.83	0.61
Rigiolato	24	Max WS	1D+2D_Tr200_1h_mod	67.97	25.48	29.55		29.79	0.002236	2.18	31.25	11.89	0.43
Rigiolato	24	Max WS	1D+2D_Tr200_2h_mod	77.54	25.48	29.71		29.99	0.002465	2.34	33.12	11.89	0.45
Rigiolato	24	Max WS	1D+2D_Tr30_2h_mod	59.21	25.48	29.27		29.50	0.002354	2.12	27.90	11.89	0.44
Rigiolato	24	Max WS	1D+2D_Tr30_1h_mod	55.68	25.48	29.08		29.32	0.002820	2.17	25.71	11.71	0.47
Rigiolato	23	Max WS	1D+2D_Tr200_1h_mod	67.05	25.01	29.55		29.73	0.001483	1.88	35.68	11.90	0.35
Rigiolato	23	Max WS	1D+2D_Tr200_2h_mod	75.36	25.01	29.71		29.92	0.001613	2.00	37.63	11.90	0.36
Rigiolato	23	Max WS	1D+2D_Tr30_2h_mod	56.94	25.01	29.27		29.43	0.001416	1.76	32.34	11.90	0.34
Rigiolato	23	Max WS	1D+2D_Tr30_1h_mod	53.36	25.01	29.09		29.25	0.001512	1.77	30.21	11.90	0.35
Rigiolato	22	Max WS	1D+2D_Tr200_1h_mod	65.06	25.12	29.51		29.67	0.001447	1.74	37.30	13.50	0.34
Rigiolato	22	Max WS	1D+2D_Tr200_2h_mod	74.86	25.12	29.66		29.84	0.001647	1.91	39.28	13.50	0.36
Rigiolato	22	Max WS	1D+2D_Tr30_2h_mod	53.66	25.12	29.25		29.37	0.001323	1.59	33.73	13.50	0.32
Rigiolato	22	Max WS	1D+2D_Tr30_1h_mod	47.79	25.12	29.08		29.19	0.001293	1.52	31.45	13.50	0.32
Rigiolato	21.5			Lat Struct									
Rigiolato	21	Max WS	1D+2D_Tr200_1h_mod	57.82	25.19	29.50		29.63	0.000895	1.57	36.90	12.20	0.29
Rigiolato	21	Max WS	1D+2D_Tr200_2h_mod	64.01	25.19	29.65		29.79	0.000946	1.65	38.74	12.20	0.30

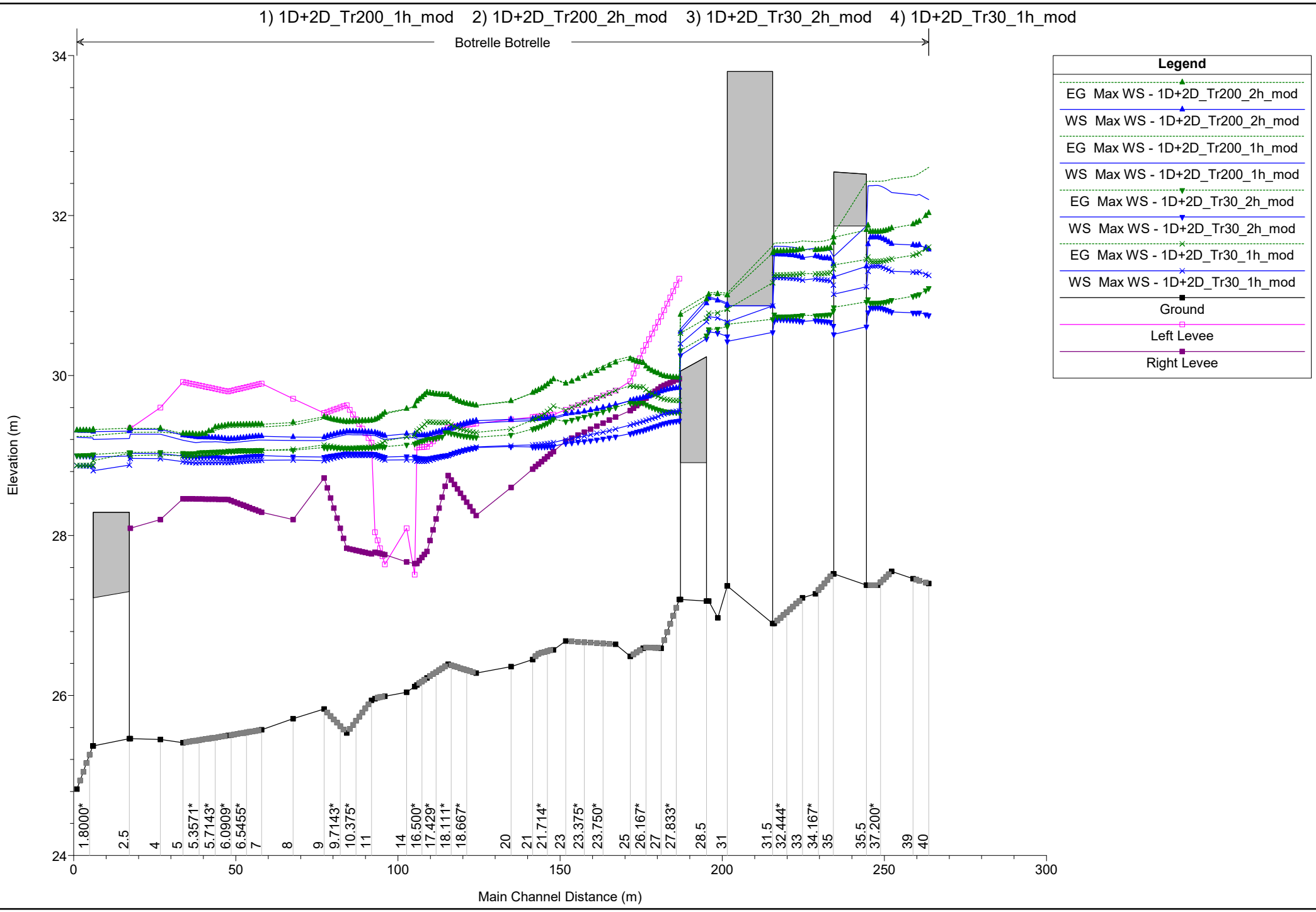
Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Rigiolato	21	Max WS	1D+2D_Tr30_2h_mod	48.82	25.19	29.23		29.34	0.000852	1.45	33.58	12.20	0.28
Rigiolato	21	Max WS	1D+2D_Tr30_1h_mod	44.46	25.19	29.05		29.15	0.000869	1.42	31.39	12.20	0.28
Rigiolato	20.5			Lat Struct									
Rigiolato	20	Max WS	1D+2D_Tr200_1h_mod	64.30	24.69	29.48		29.60	0.000847	1.53	42.04	12.98	0.27
Rigiolato	20	Max WS	1D+2D_Tr200_2h_mod	72.52	24.69	29.62		29.76	0.000944	1.65	43.89	12.98	0.29
Rigiolato	20	Max WS	1D+2D_Tr30_2h_mod	52.49	24.69	29.22		29.31	0.000731	1.36	38.66	12.98	0.25
Rigiolato	20	Max WS	1D+2D_Tr30_1h_mod	47.10	24.69	29.05		29.13	0.000705	1.29	36.48	12.98	0.25
Rigiolato	19	Max WS	1D+2D_Tr200_1h_mod	51.38	25.11	29.51		29.61	0.000751	1.37	37.57	11.24	0.24
Rigiolato	19	Max WS	1D+2D_Tr200_2h_mod	57.53	25.11	29.66		29.77	0.000833	1.47	39.26	11.24	0.25
Rigiolato	19	Max WS	1D+2D_Tr30_2h_mod	42.71	25.11	29.24		29.32	0.000658	1.24	34.52	11.24	0.23
Rigiolato	19	Max WS	1D+2D_Tr30_1h_mod	39.37	25.11	29.06		29.14	0.000661	1.21	32.53	11.24	0.23
Rigiolato	18	Max WS	1D+2D_Tr200_1h_mod	67.76	25.05	29.41		29.57	0.001288	1.74	38.87	12.84	0.32
Rigiolato	18	Max WS	1D+2D_Tr200_2h_mod	76.80	25.05	29.55		29.73	0.001461	1.89	40.59	12.84	0.34
Rigiolato	18	Max WS	1D+2D_Tr30_2h_mod	55.07	25.05	29.16		29.28	0.001092	1.54	35.65	12.84	0.30
Rigiolato	18	Max WS	1D+2D_Tr30_1h_mod	48.48	25.05	29.00		29.11	0.001007	1.44	33.58	12.84	0.29
Rigiolato	17.9			Lat Struct									
Rigiolato	17	Max WS	1D+2D_Tr200_1h_mod	70.19	25.00	29.36		29.55	0.001685	1.96	35.77	11.89	0.36
Rigiolato	17	Max WS	1D+2D_Tr200_2h_mod	77.21	25.00	29.50		29.71	0.001793	2.06	37.42	11.89	0.37
Rigiolato	17	Max WS	1D+2D_Tr30_2h_mod	58.67	25.00	29.11		29.27	0.001502	1.79	32.85	11.89	0.34
Rigiolato	17	Max WS	1D+2D_Tr30_1h_mod	51.93	25.00	28.95		29.09	0.001403	1.68	30.90	11.89	0.33
Rigiolato	16.8			Lat Struct									
Rigiolato	16	Max WS	1D+2D_Tr200_1h_mod	81.62	24.73	29.26		29.53	0.002162	2.31	35.41	10.71	0.40
Rigiolato	16	Max WS	1D+2D_Tr200_2h_mod	93.55	24.73	29.38		29.71	0.002567	2.55	36.73	10.71	0.44
Rigiolato	16	Max WS	1D+2D_Tr30_2h_mod	65.98	24.73	29.05		29.25	0.001689	1.99	33.20	10.71	0.36
Rigiolato	16	Max WS	1D+2D_Tr30_1h_mod	55.02	24.73	28.91		29.06	0.001340	1.74	31.67	10.71	0.32
Rigiolato	15	Max WS	1D+2D_Tr200_1h_mod	53.59	24.64	29.37		29.46	0.000697	1.33	40.24	11.97	0.23
Rigiolato	15	Max WS	1D+2D_Tr200_2h_mod	60.57	24.64	29.52		29.63	0.000789	1.44	42.02	11.97	0.25
Rigiolato	15	Max WS	1D+2D_Tr30_2h_mod	56.92	24.64	29.08		29.20	0.001019	1.55	36.71	11.97	0.28
Rigiolato	15	Max WS	1D+2D_Tr30_1h_mod	50.15	24.64	28.93		29.03	0.000916	1.44	34.87	11.97	0.27
Rigiolato	14.7			Lat Struct									
Rigiolato	14.4			Lat Struct									
Rigiolato	14	Max WS	1D+2D_Tr200_1h_mod	66.93	24.70	29.28		29.45	0.001301	1.78	37.62	11.56	0.31
Rigiolato	14	Max WS	1D+2D_Tr200_2h_mod	75.94	24.70	29.41		29.60	0.001507	1.94	39.06	11.56	0.34
Rigiolato	14	Max WS	1D+2D_Tr30_2h_mod	60.87	24.70	29.03		29.19	0.001349	1.75	34.72	11.56	0.32
Rigiolato	14	Max WS	1D+2D_Tr30_1h_mod	50.74	24.70	28.89		29.01	0.001077	1.53	33.07	11.56	0.29
Rigiolato	13	Max WS	1D+2D_Tr200_1h_mod	85.21	24.60	29.10		29.42	0.002879	2.52	33.87	11.14	0.46
Rigiolato	13	Max WS	1D+2D_Tr200_2h_mod	97.16	24.60	29.21		29.60	0.003399	2.77	35.04	11.14	0.50
Rigiolato	13	Max WS	1D+2D_Tr30_2h_mod	71.19	24.60	28.89		29.15	0.002471	2.26	31.49	11.14	0.43
Rigiolato	13	Max WS	1D+2D_Tr30_1h_mod	60.85	24.60	28.77		28.98	0.002040	2.02	30.17	11.14	0.39
Rigiolato	12	Max WS	1D+2D_Tr200_1h_mod	55.96	24.29	29.23		29.35	0.000955	1.53	36.58	8.92	0.24
Rigiolato	12	Max WS	1D+2D_Tr200_2h_mod	68.66	24.29	29.31		29.48	0.001362	1.84	37.33	8.92	0.29
Rigiolato	12	Max WS	1D+2D_Tr30_2h_mod	47.21	24.29	29.00		29.09	0.000792	1.37	34.54	8.92	0.22
Rigiolato	12	Max WS	1D+2D_Tr30_1h_mod	37.83	24.29	28.87		28.94	0.000556	1.13	33.40	8.92	0.19
Rigiolato_valle	11	Max WS	1D+2D_Tr200_1h_mod	67.75	24.29	29.23		29.33	0.000682	1.41	49.15	14.44	0.23
Rigiolato_valle	11	Max WS	1D+2D_Tr200_2h_mod	74.67	24.29	29.31		29.43	0.000772	1.52	50.36	14.44	0.25
Rigiolato_valle	11	Max WS	1D+2D_Tr30_2h_mod	53.90	24.29	29.00		29.07	0.000527	1.20	45.84	14.44	0.20
Rigiolato_valle	11	Max WS	1D+2D_Tr30_1h_mod	45.73	24.29	28.87		28.93	0.000427	1.06	44.01	14.44	0.18
Rigiolato_valle	10.9			Lat Struct									
Rigiolato_valle	10.8			Lat Struct									
Rigiolato_valle	10	Max WS	1D+2D_Tr200_1h_mod	72.45	24.45	29.22	27.06	29.31	0.000601	1.31	56.13	17.05	0.22
Rigiolato_valle	10	Max WS	1D+2D_Tr200_2h_mod	76.86	24.45	29.32	27.15	29.41	0.000621	1.35	57.75	17.05	0.23
Rigiolato_valle	10	Max WS	1D+2D_Tr30_2h_mod	61.80	24.45	28.98	26.84	29.05	0.000550	1.20	51.97	17.05	0.21
Rigiolato_valle	10	Max WS	1D+2D_Tr30_1h_mod	56.39	24.45	28.84	26.72	28.91	0.000526	1.15	49.62	17.05	0.21
Rigiolato_valle	9.5			Bridge									
Rigiolato_valle	9	Max WS	1D+2D_Tr200_1h_mod	72.45	24.27	27.17		27.89	0.006064	3.75	19.31	12.22	0.77
Rigiolato_valle	9	Max WS	1D+2D_Tr200_2h_mod	76.79	24.27	27.32		28.03	0.005623	3.75	20.46	12.30	0.75
Rigiolato_valle	9	Max WS	1D+2D_Tr30_2h_mod	61.80	24.27	26.89		27.56	0.006724	3.63	17.02	12.06	0.79
Rigiolato_valle	9	Max WS	1D+2D_Tr30_1h_mod	56.38	24.27	26.75		27.39	0.006951	3.54	15.95	11.99	0.80
Rigiolato_valle	8.4			Lat Struct									
Rigiolato_valle	8	Max WS	1D+2D_Tr200_1h_mod	82.51	24.18	27.14		27.56	0.005856	2.88	28.61	16.48	0.70
Rigiolato_valle	8	Max WS	1D+2D_Tr200_2h_mod	91.03	24.18	27.28		27.72	0.005645	2.94	31.00	16.87	0.69
Rigiolato_valle	8	Max WS	1D+2D_Tr30_2h_mod	66.26	24.18	26.85		27.24	0.006358	2.76	23.96	15.71	0.71
Rigiolato_valle	8	Max WS	1D+2D_Tr30_1h_mod	58.84	24.18	26.72		27.09	0.006551	2.69	21.90	15.35	0.72
Rigiolato_valle	7	Max WS	1D+2D_Tr200_1h_mod	89.74	24.02	26.95		27.50	0.007917	3.27	27.43	16.28	0.80
Rigiolato_valle	7	Max WS	1D+2D_Tr200_2h_mod	100.96	24.02	27.10		27.68	0.007831	3.38	29.86	16.69	0.81
Rigiolato_valle	7	Max WS	1D+2D_Tr30_2h_mod	68.76	24.02	26.65		27.12	0.008117	3.03	22.69	15.45	0.80
Rigiolato_valle	7	Max WS	1D+2D_Tr30_1h_mod	59.81	24.02	26.52		26.94	0.008173	2.90	20.60	15.06	0.79
Rigiolato_valle	6	Max WS	1D+2D_Tr200_1h_mod	90.11	23.79	26.79		27.34	0.007769	3.27	27.55	16.18	0.80
Rigiolato_valle	6	Max WS	1D+2D_Tr200_2h_mod	101.53	23.79	26.94		27.52	0.007717	3.39	29.98	16.59	0.80

HEC-RAS Profile: Max WS (Continued)

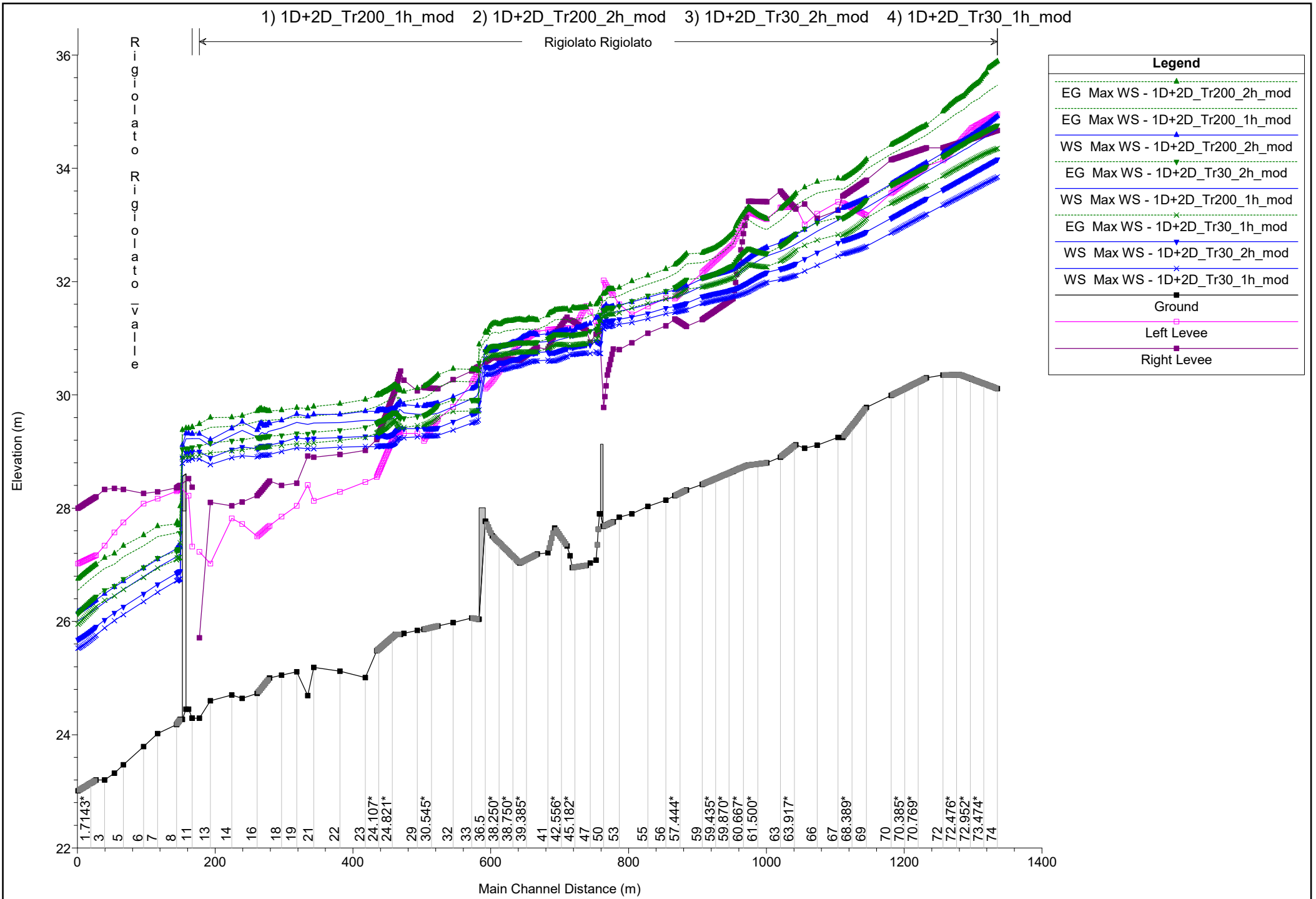
Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Rigiolato_valle	6	Max WS	1D+2D_Tr30_2h_mod	68.85	23.79	26.49		26.95	0.007906	3.02	22.79	15.33	0.79
Rigiolato_valle	6	Max WS	1D+2D_Tr30_1h_mod	59.84	23.79	26.35		26.78	0.007929	2.89	20.70	14.95	0.78
Rigiolato_valle	5	Max WS	1D+2D_Tr200_1h_mod	90.15	23.47	26.56		27.14	0.008086	3.38	26.69	15.31	0.82
Rigiolato_valle	5	Max WS	1D+2D_Tr200_2h_mod	101.58	23.47	26.71		27.34	0.008079	3.50	29.01	15.72	0.82
Rigiolato_valle	5	Max WS	1D+2D_Tr30_2h_mod	68.88	23.47	26.26		26.75	0.008065	3.11	22.18	14.46	0.80
Rigiolato_valle	5	Max WS	1D+2D_Tr30_1h_mod	59.86	23.47	26.12		26.57	0.007999	2.96	20.20	14.07	0.79
Rigiolato_valle	4	Max WS	1D+2D_Tr200_1h_mod	90.15	23.32	26.46		27.01	0.007934	3.29	27.39	16.22	0.81
Rigiolato_valle	4	Max WS	1D+2D_Tr200_2h_mod	101.58	23.32	26.61		27.20	0.007843	3.40	29.86	16.64	0.81
Rigiolato_valle	4	Max WS	1D+2D_Tr30_2h_mod	68.87	23.32	26.15		26.63	0.008149	3.05	22.59	15.36	0.80
Rigiolato_valle	4	Max WS	1D+2D_Tr30_1h_mod	59.85	23.32	26.01		26.45	0.008222	2.92	20.48	14.98	0.80
Rigiolato_valle	3	Max WS	1D+2D_Tr200_1h_mod	90.15	23.20	26.34		26.94	0.009066	3.43	26.26	16.05	0.86
Rigiolato_valle	3	Max WS	1D+2D_Tr200_2h_mod	101.58	23.20	26.49		27.12	0.008854	3.54	28.72	16.46	0.85
Rigiolato_valle	3	Max WS	1D+2D_Tr30_2h_mod	68.87	23.20	26.03		26.55	0.009658	3.21	21.42	15.21	0.87
Rigiolato_valle	3	Max WS	1D+2D_Tr30_1h_mod	59.85	23.20	25.88		26.37	0.009970	3.10	19.29	14.83	0.87
Rigiolato_valle	2	Max WS	1D+2D_Tr200_1h_mod	90.15	23.20	26.22		26.82	0.009110	3.42	26.36	16.32	0.86
Rigiolato_valle	2	Max WS	1D+2D_Tr200_2h_mod	101.58	23.20	26.38		27.01	0.008819	3.51	28.91	16.74	0.85
Rigiolato_valle	2	Max WS	1D+2D_Tr30_2h_mod	68.87	23.20	25.90		26.44	0.010010	3.23	21.29	15.46	0.88
Rigiolato_valle	2	Max WS	1D+2D_Tr30_1h_mod	59.85	23.20	25.76		26.26	0.010538	3.14	19.06	15.06	0.89
Rigiolato_valle	1	Max WS	1D+2D_Tr200_1h_mod	90.14	23.01	26.01	25.66	26.55	0.007003	3.26	27.66	14.95	0.77
Rigiolato_valle	1	Max WS	1D+2D_Tr200_2h_mod	101.57	23.01	26.17	25.81	26.75	0.007032	3.38	30.05	15.40	0.77
Rigiolato_valle	1	Max WS	1D+2D_Tr30_2h_mod	68.87	23.01	25.68	25.36	26.14	0.007038	3.01	22.86	14.00	0.75
Rigiolato_valle	1	Max WS	1D+2D_Tr30_1h_mod	59.85	23.01	25.53	25.21	25.95	0.007020	2.88	20.74	13.56	0.74

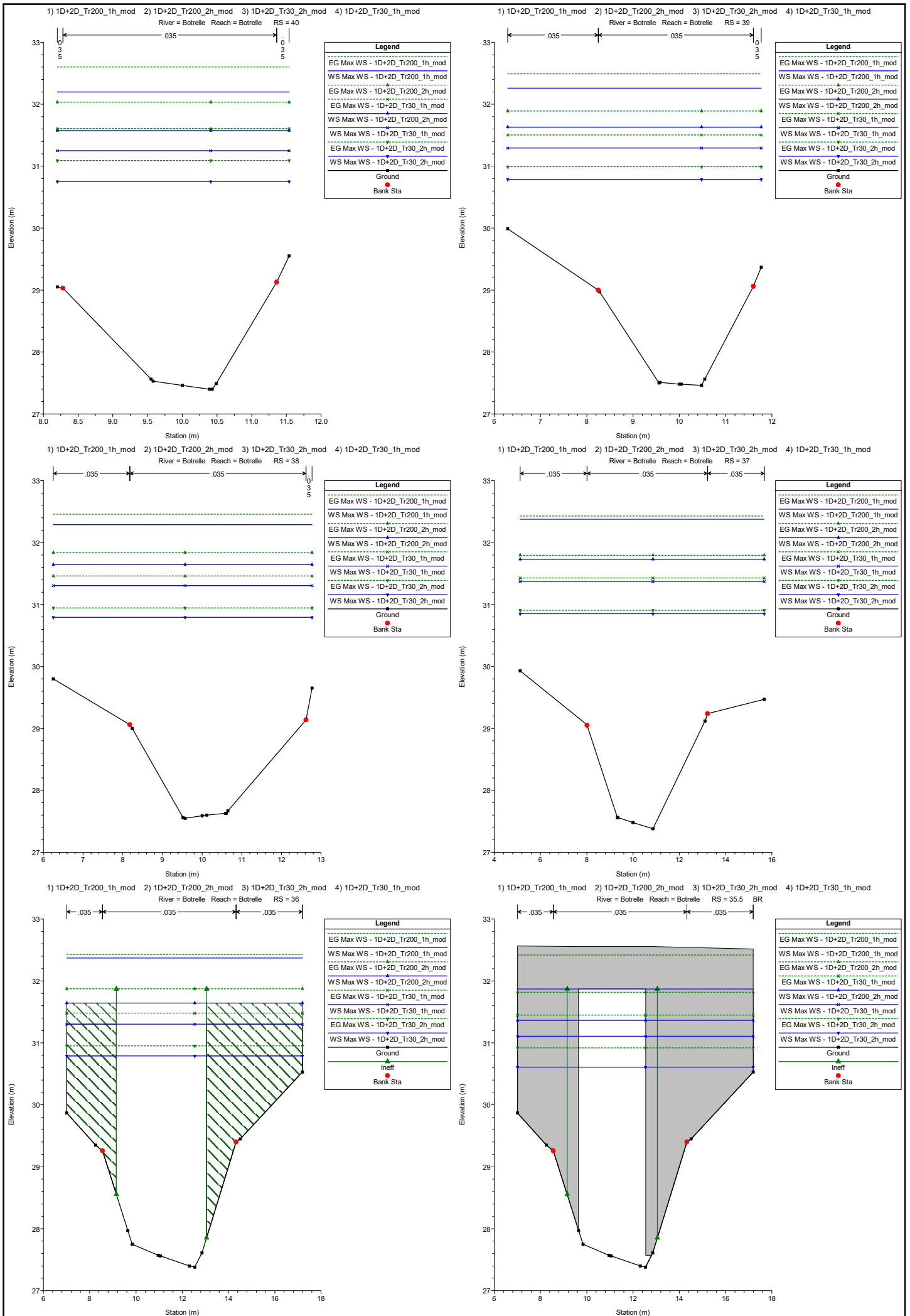
1) 1D+2D_Tr200_1h_mod 2) 1D+2D_Tr200_2h_mod 3) 1D+2D_Tr30_2h_mod 4) 1D+2D_Tr30_1h_mod

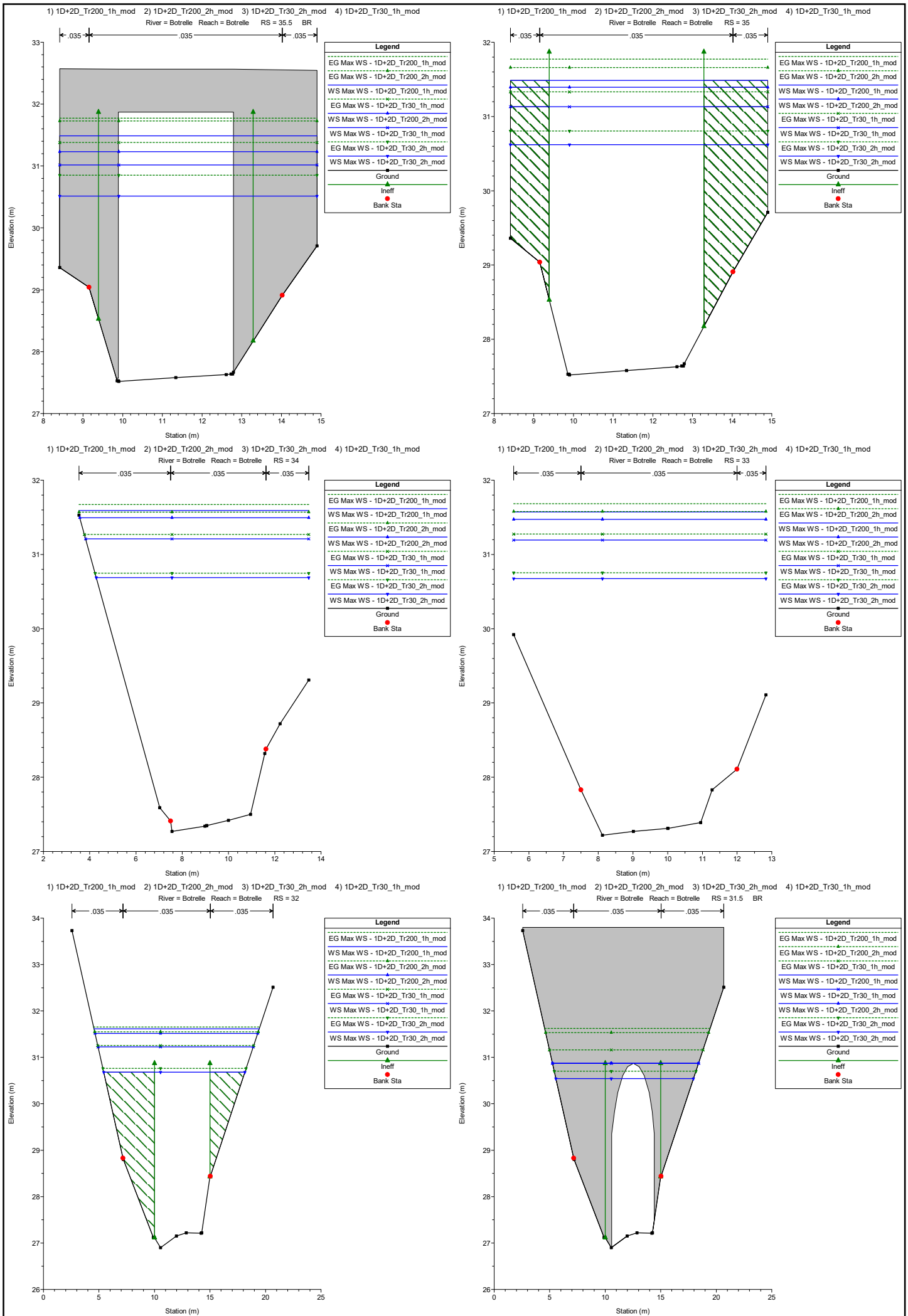
Botrelle Botrelle

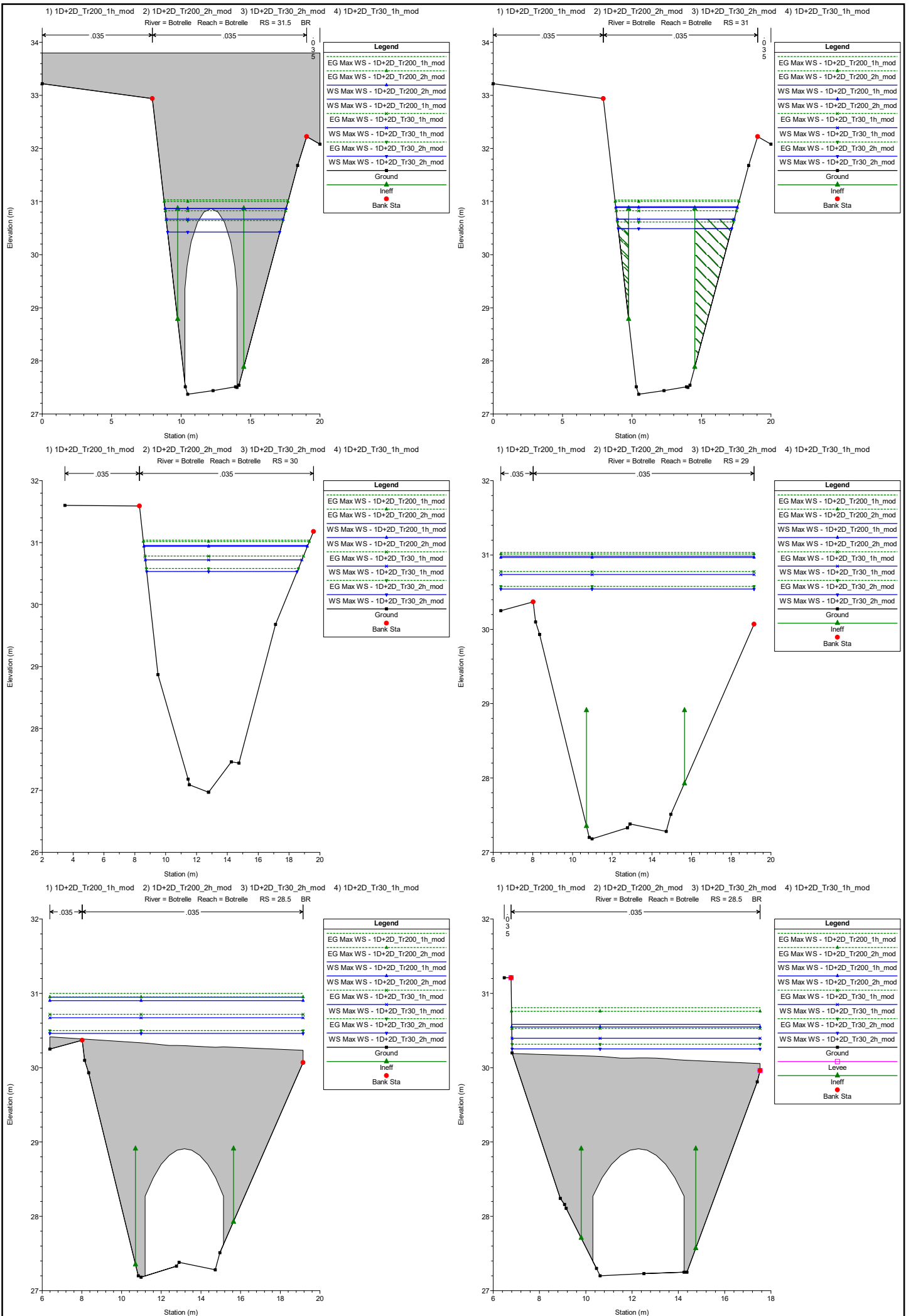


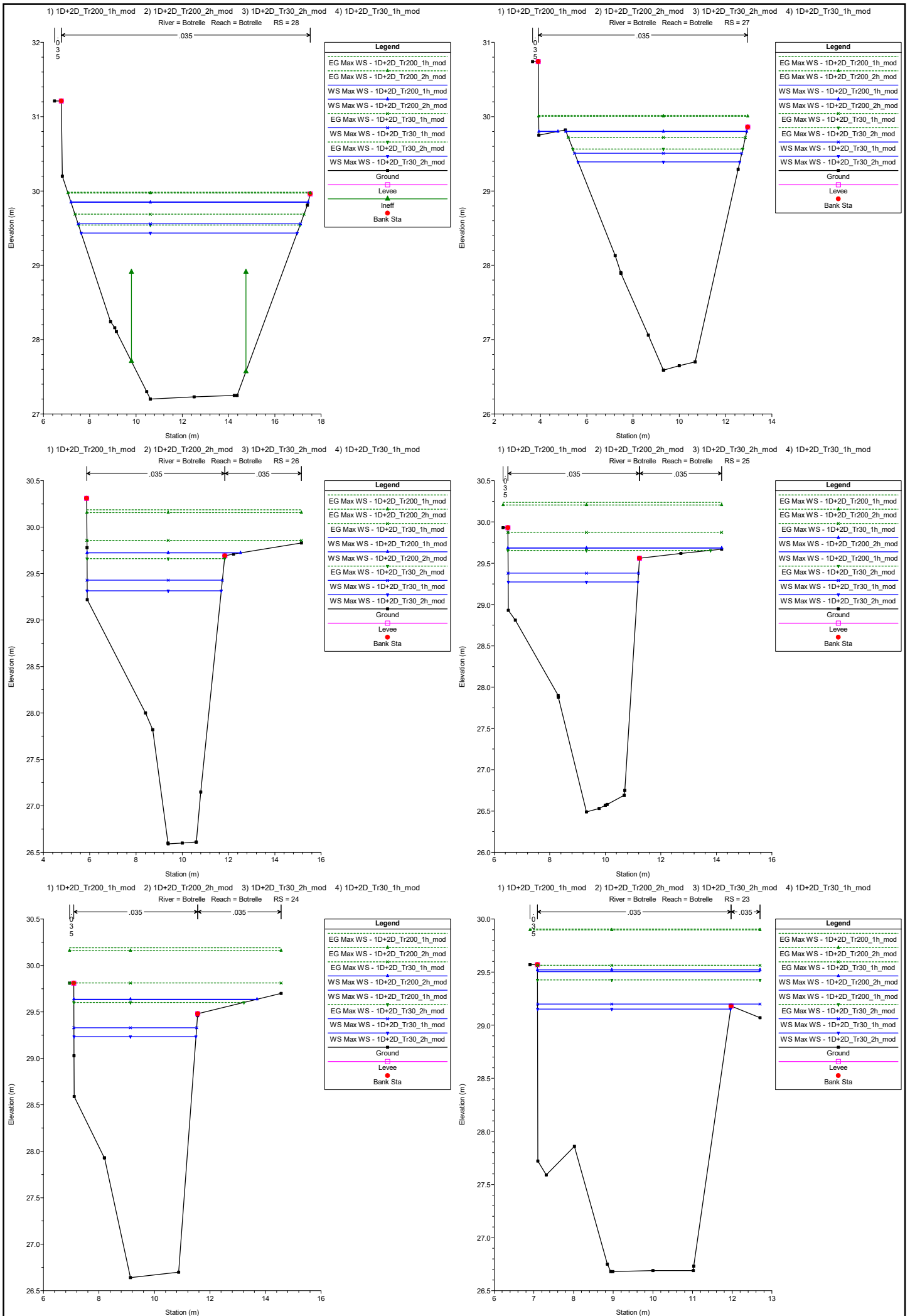
Legend	
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WS Max WS - 1D+2D_Tr200_2h_mod	▲ (Blue)
EG Max WS - 1D+2D_Tr200_1h_mod	▲ (Green)
WS Max WS - 1D+2D_Tr200_1h_mod	▲ (Blue)
EG Max WS - 1D+2D_Tr30_2h_mod	▲ (Green)
WS Max WS - 1D+2D_Tr30_2h_mod	▲ (Blue)
EG Max WS - 1D+2D_Tr30_1h_mod	▲ (Green)
WS Max WS - 1D+2D_Tr30_1h_mod	▲ (Blue)
Ground	■ (Black)
Left Levee	□ (Magenta)
Right Levee	◆ (Magenta)

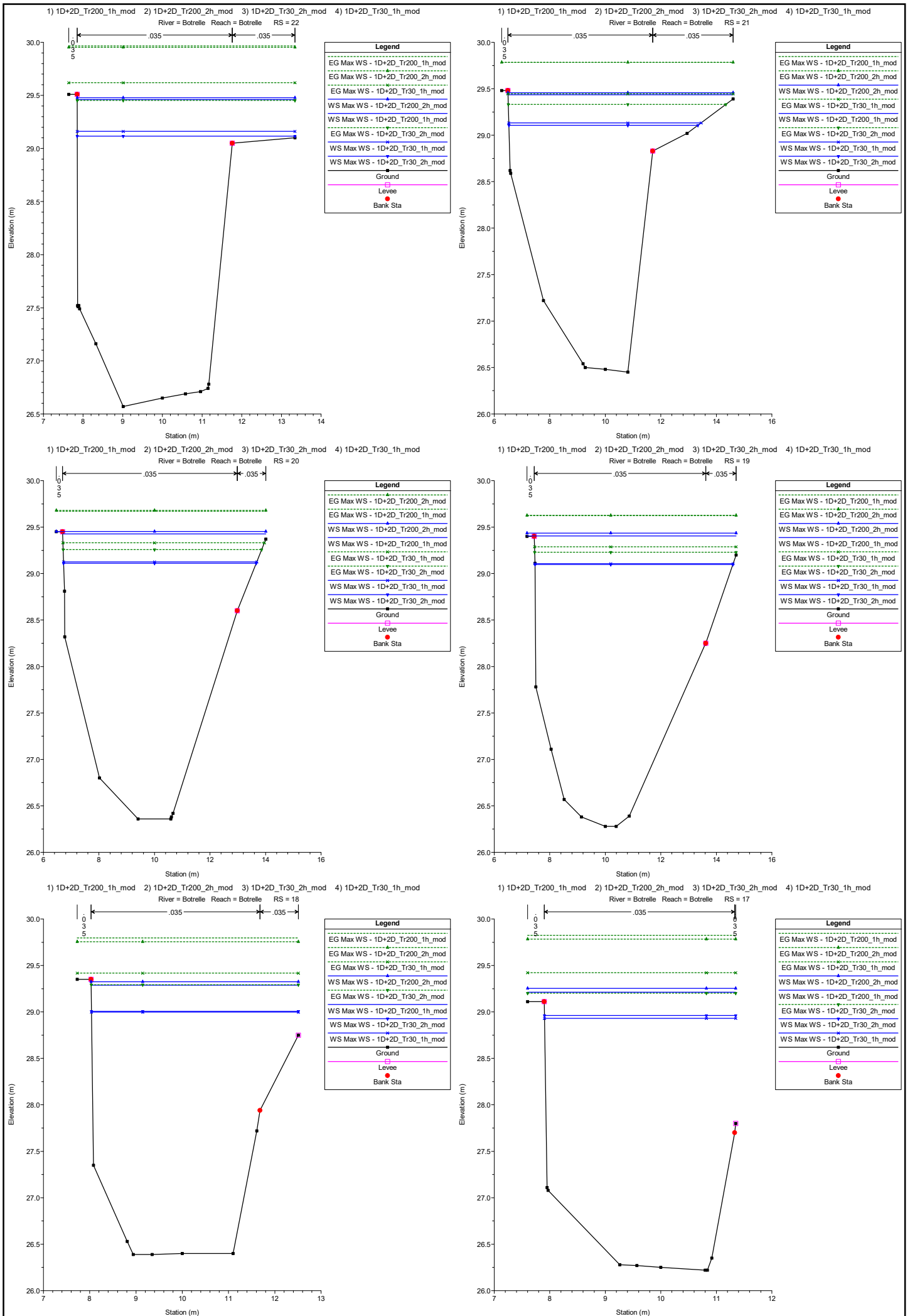


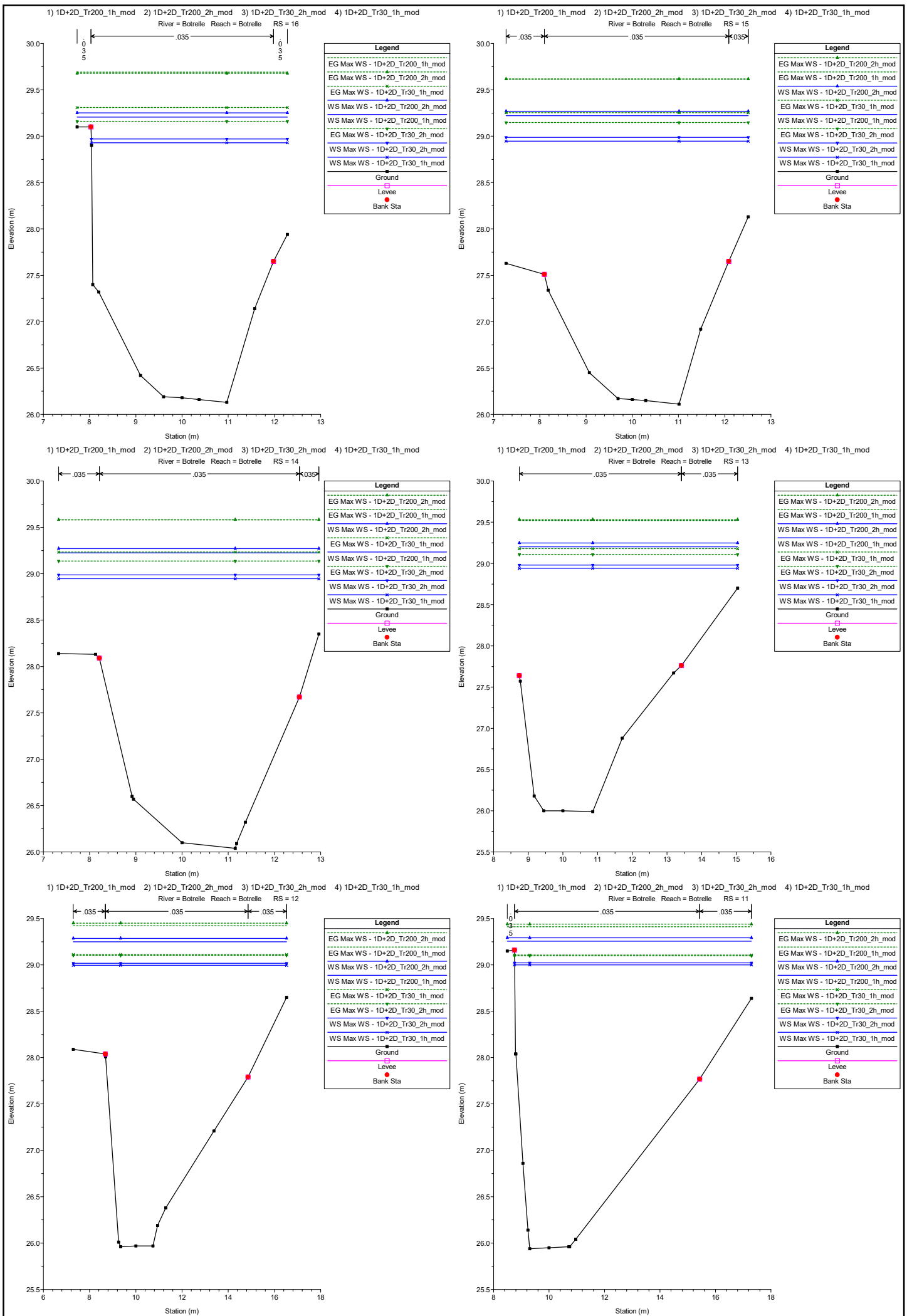


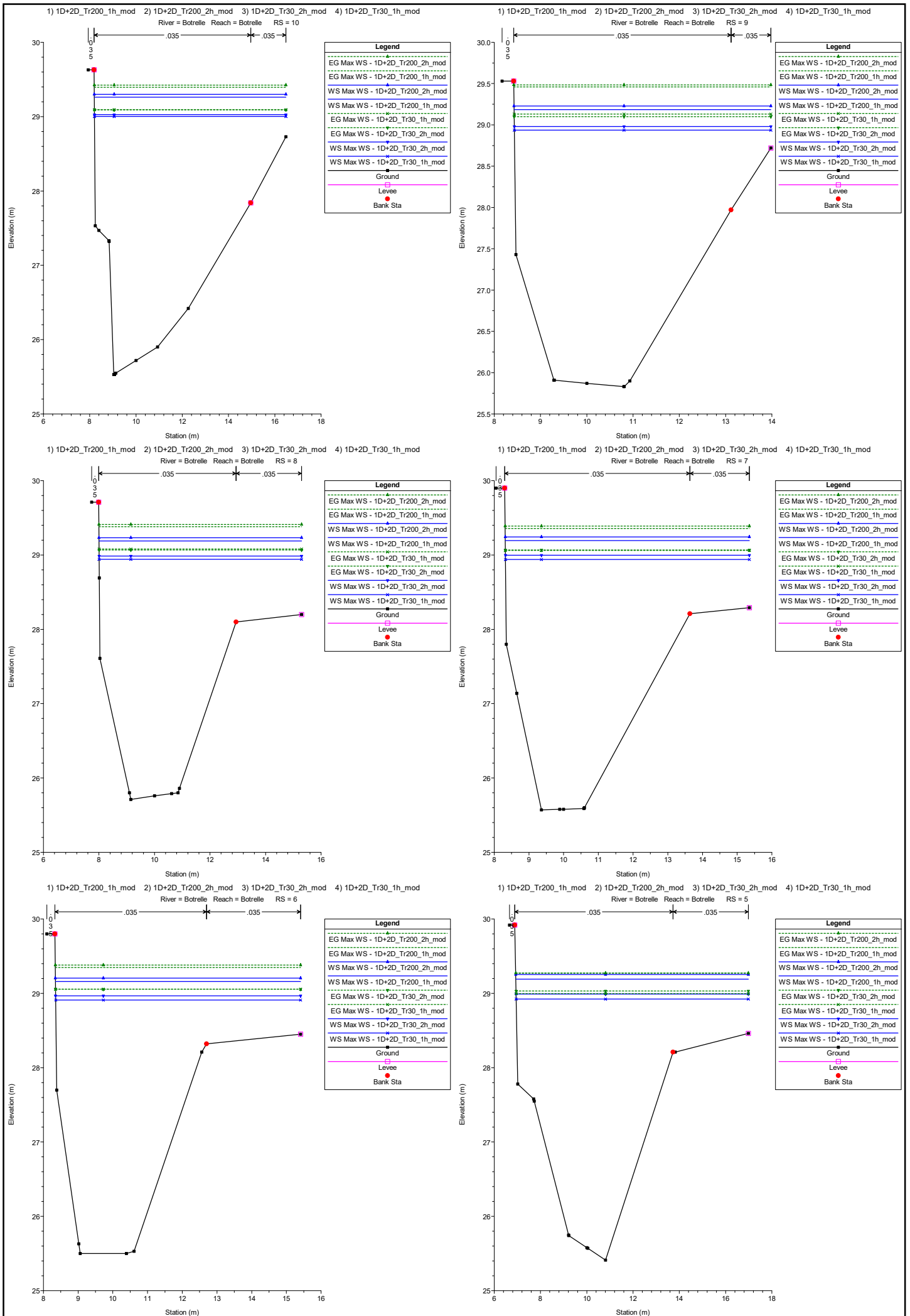


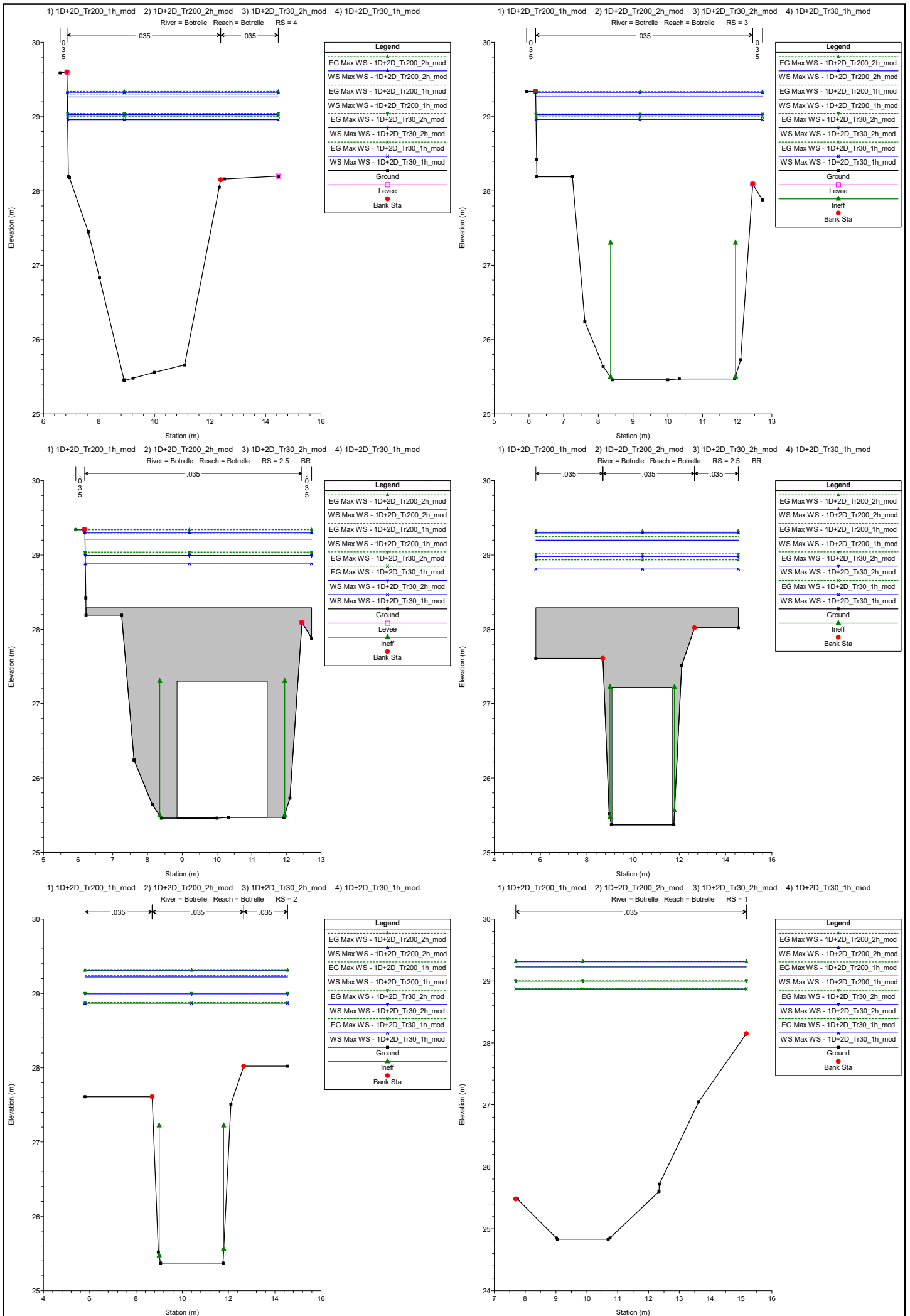


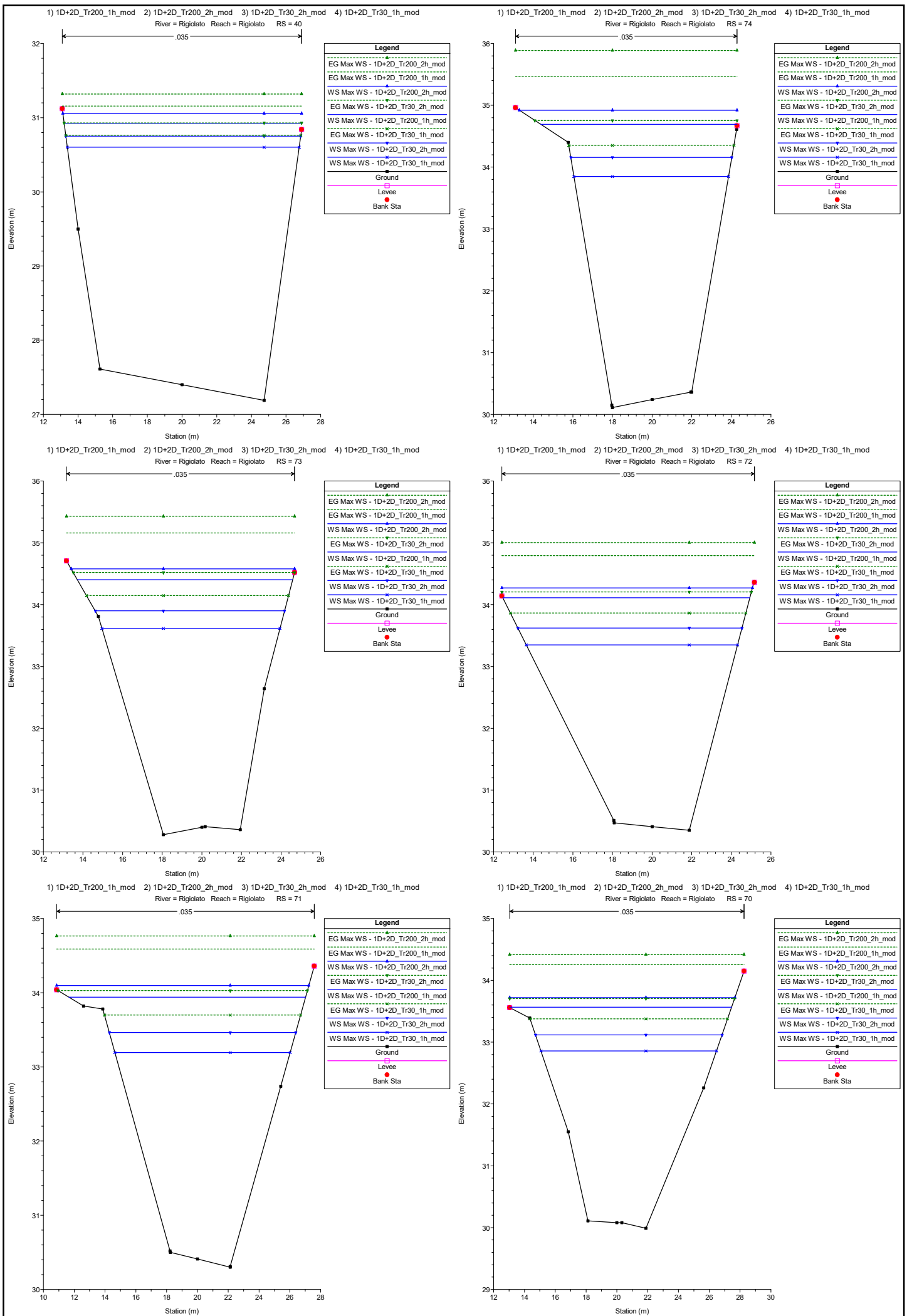


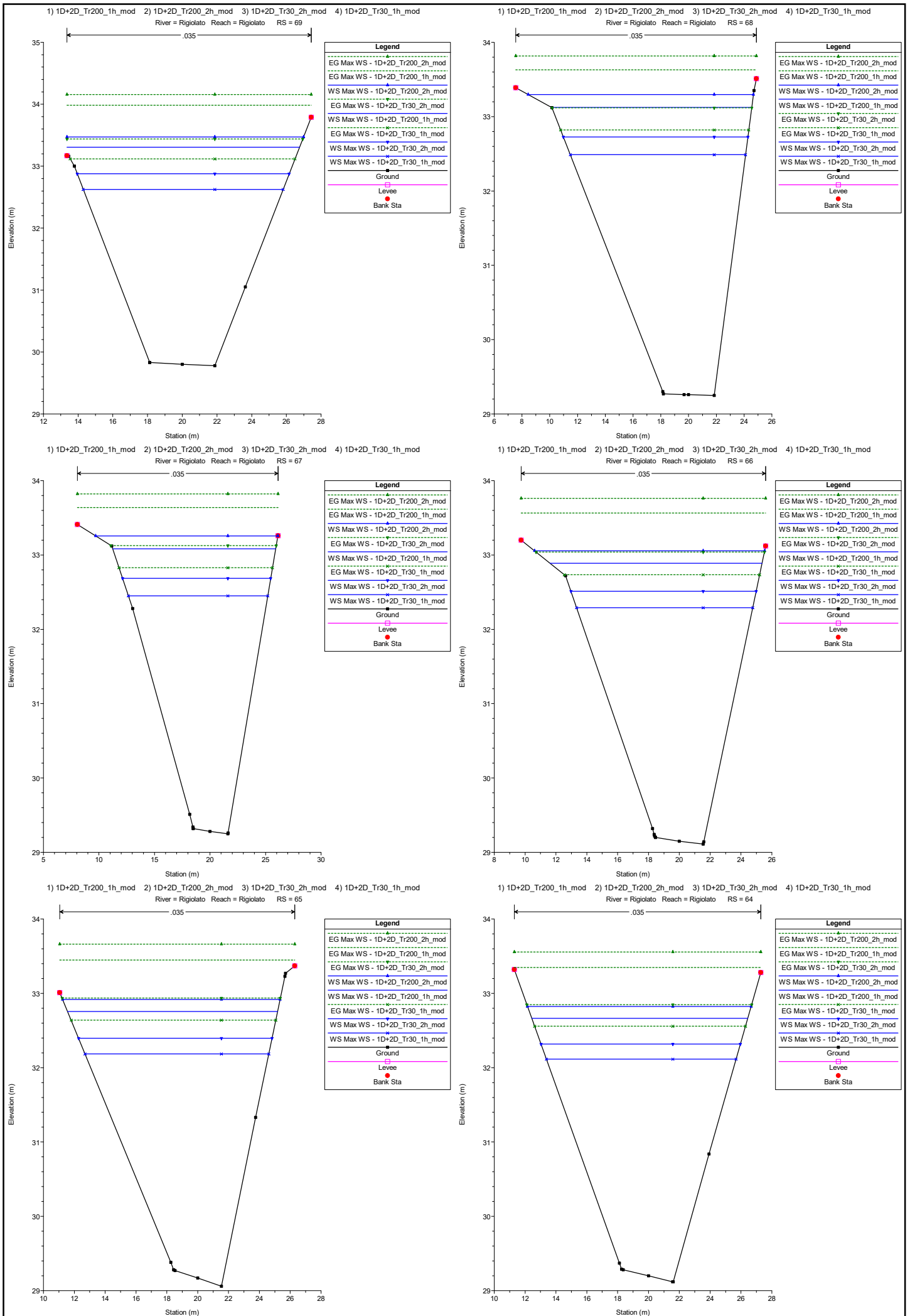


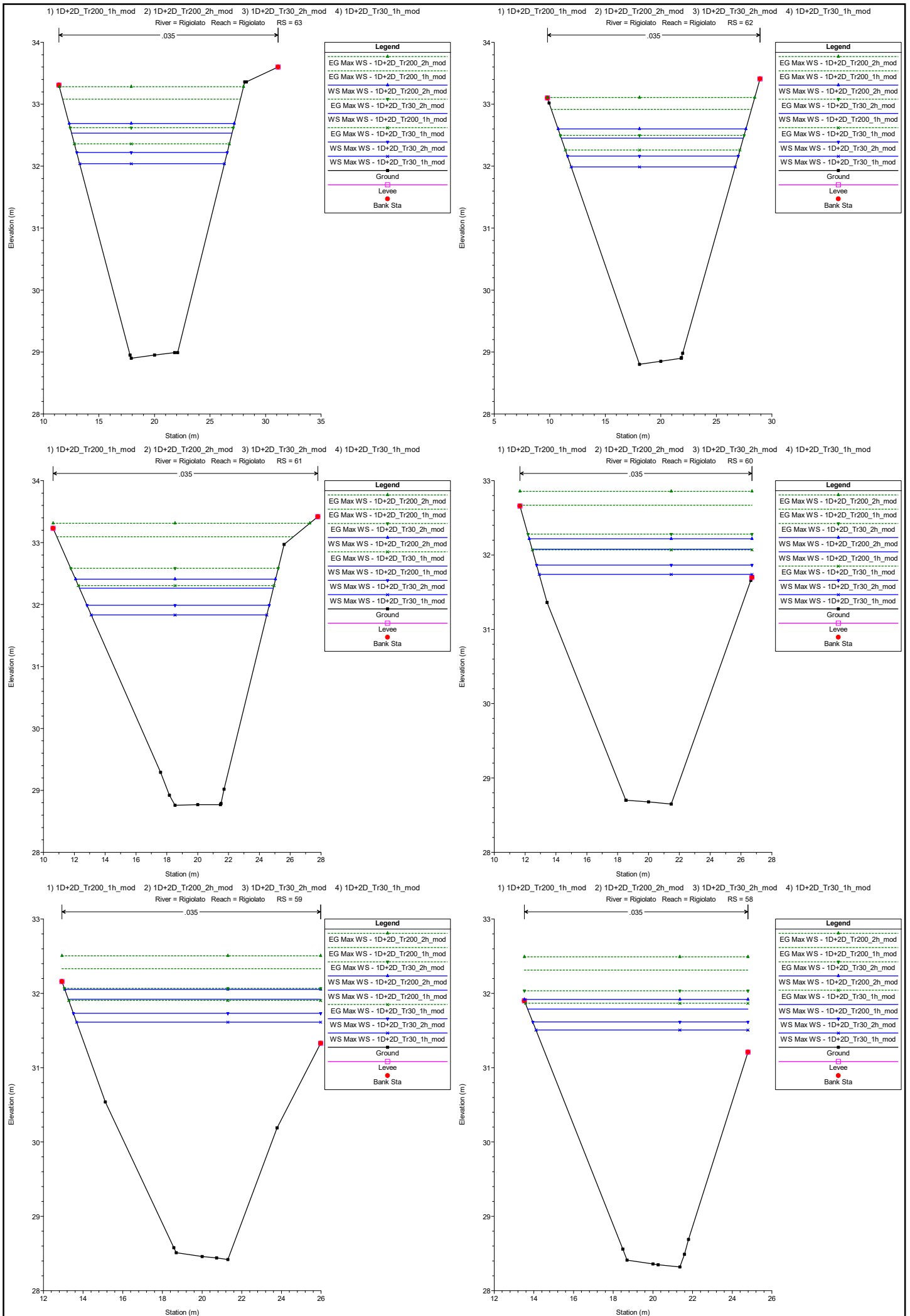


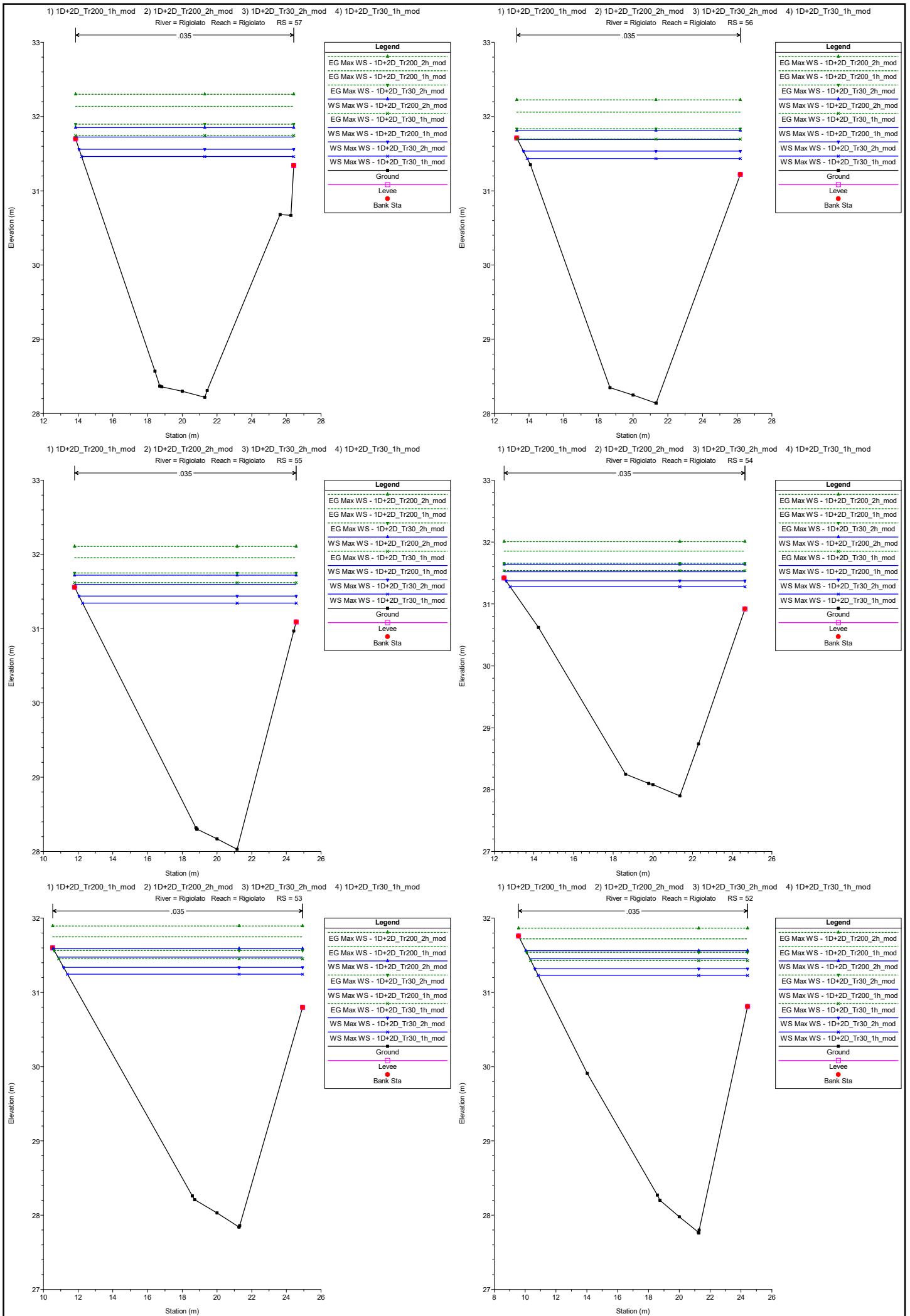


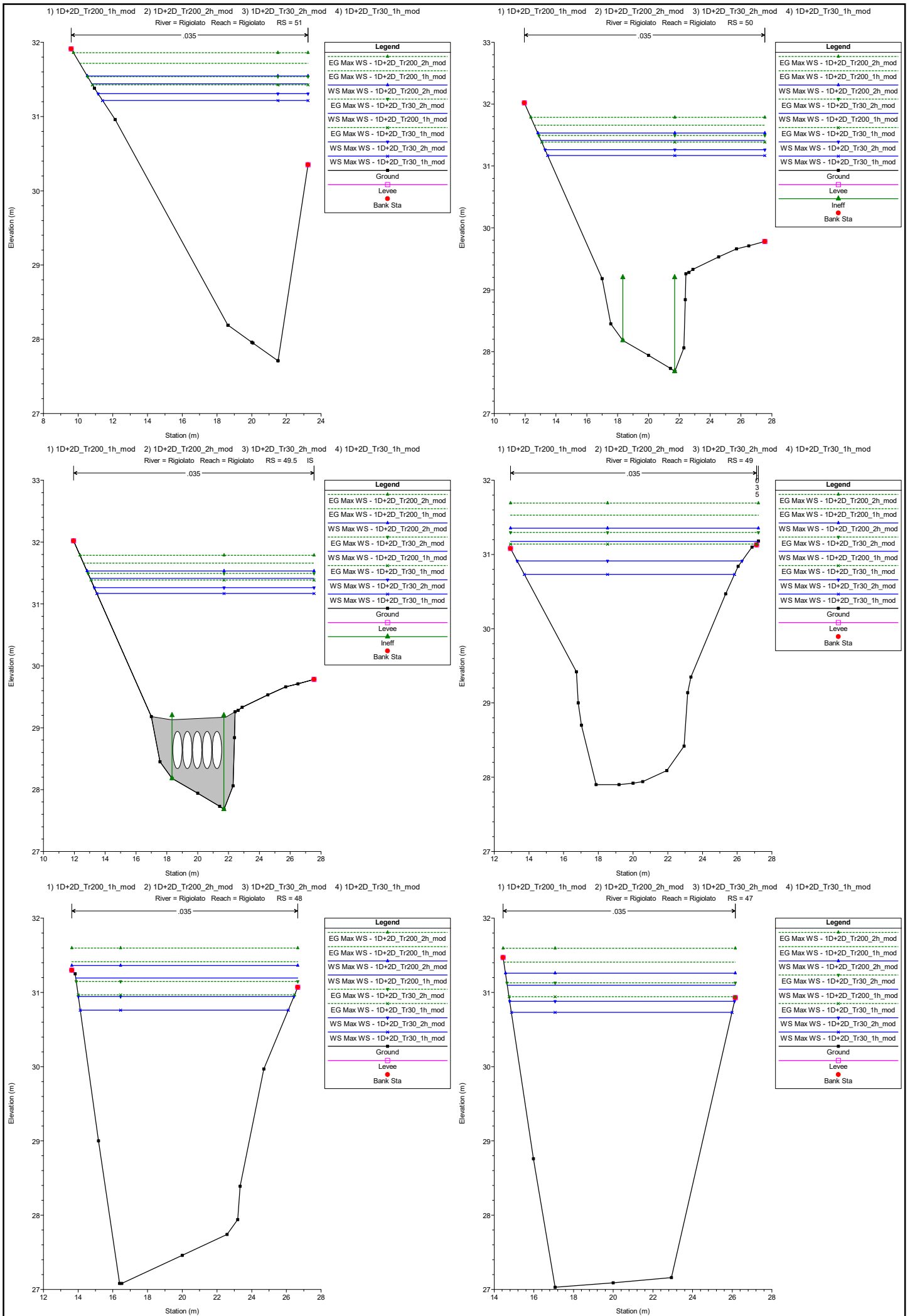


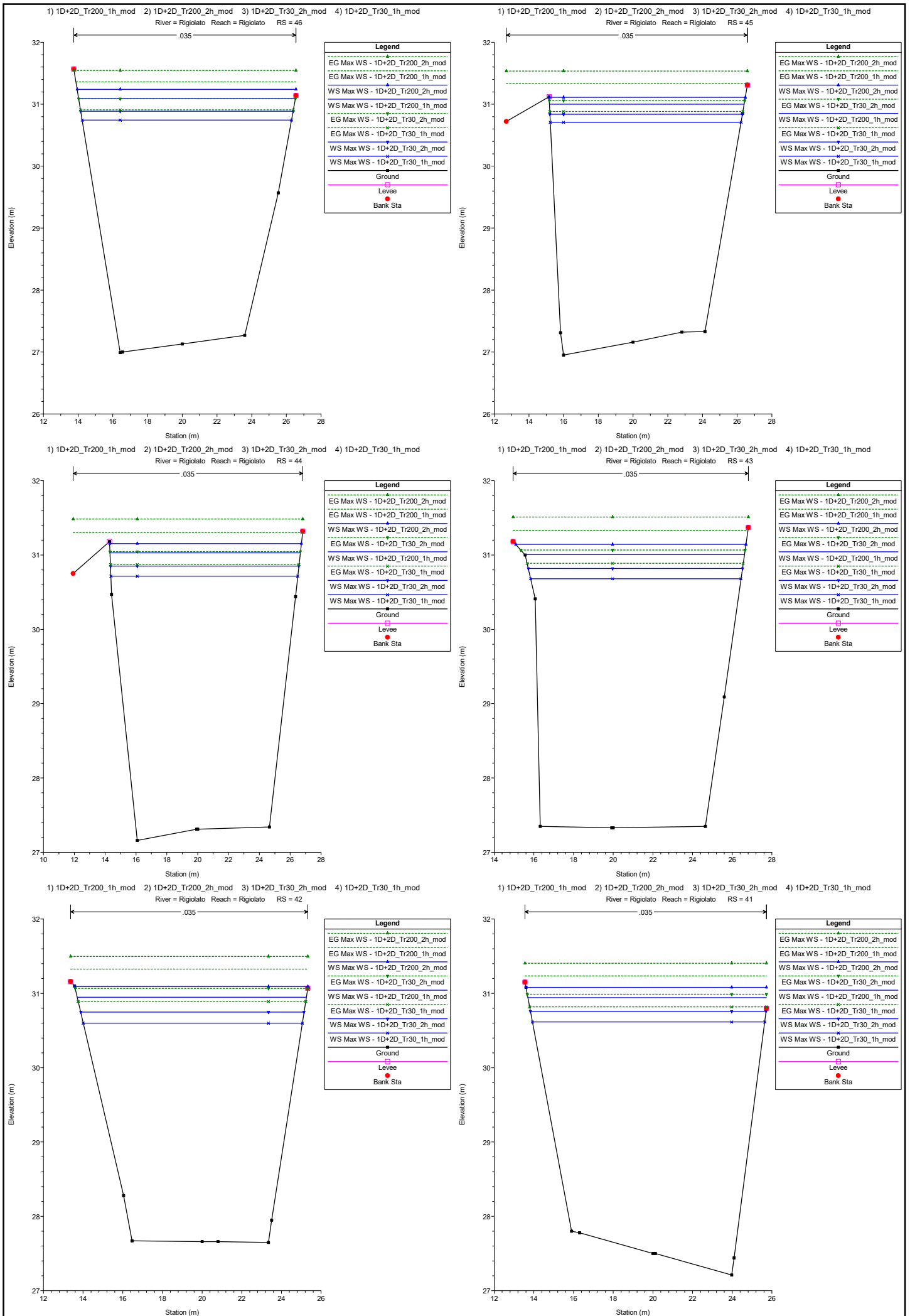


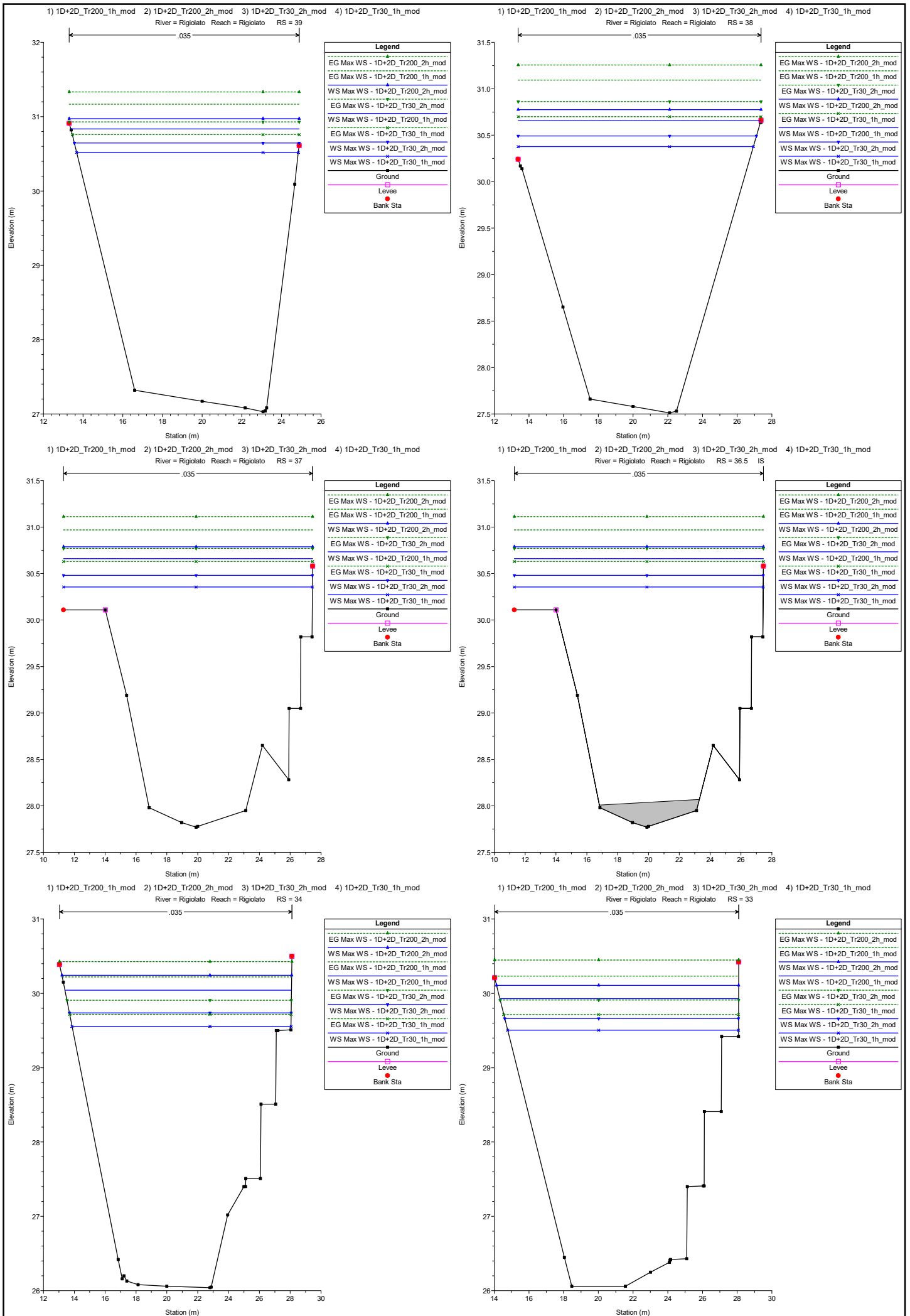


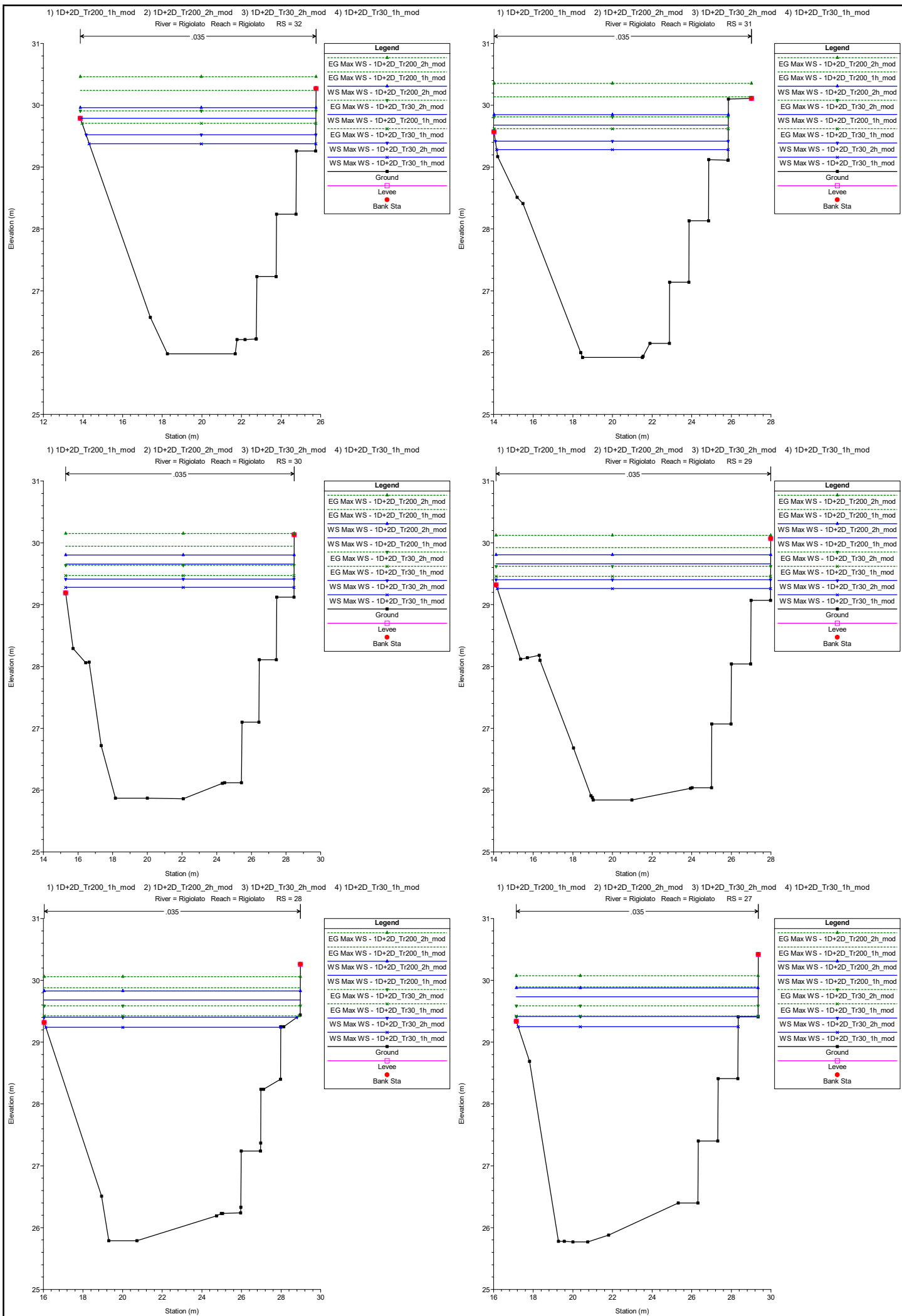


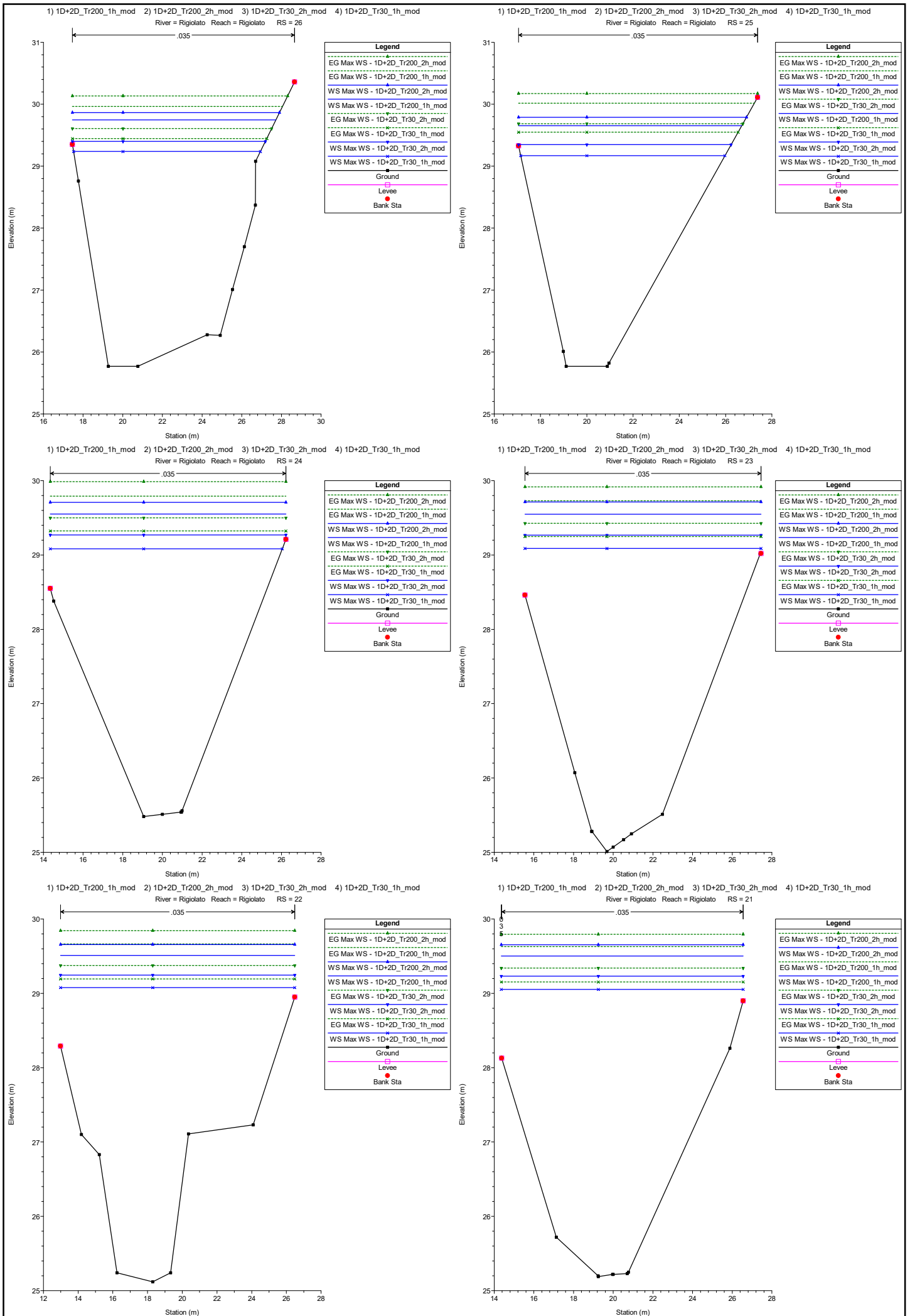


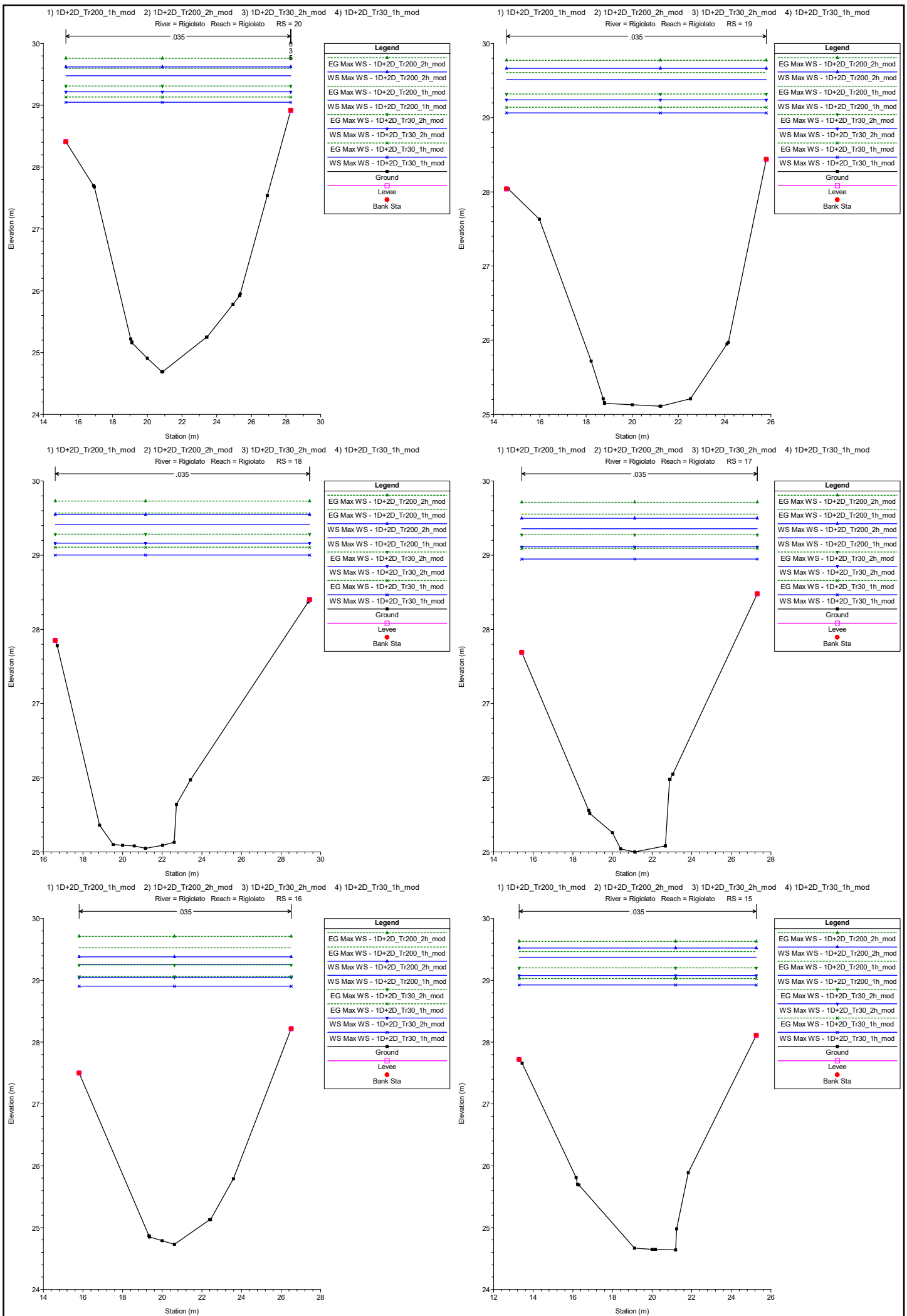


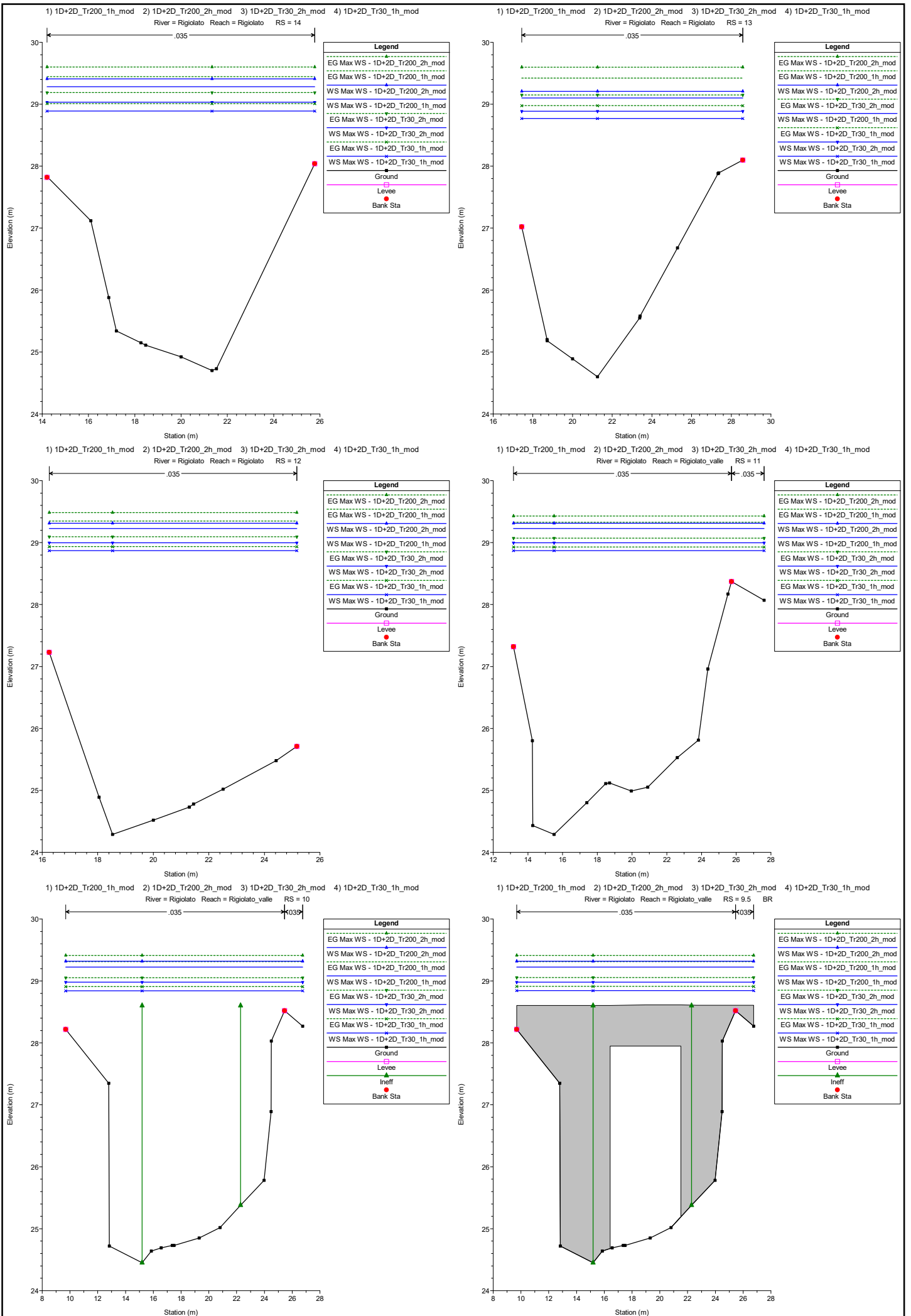


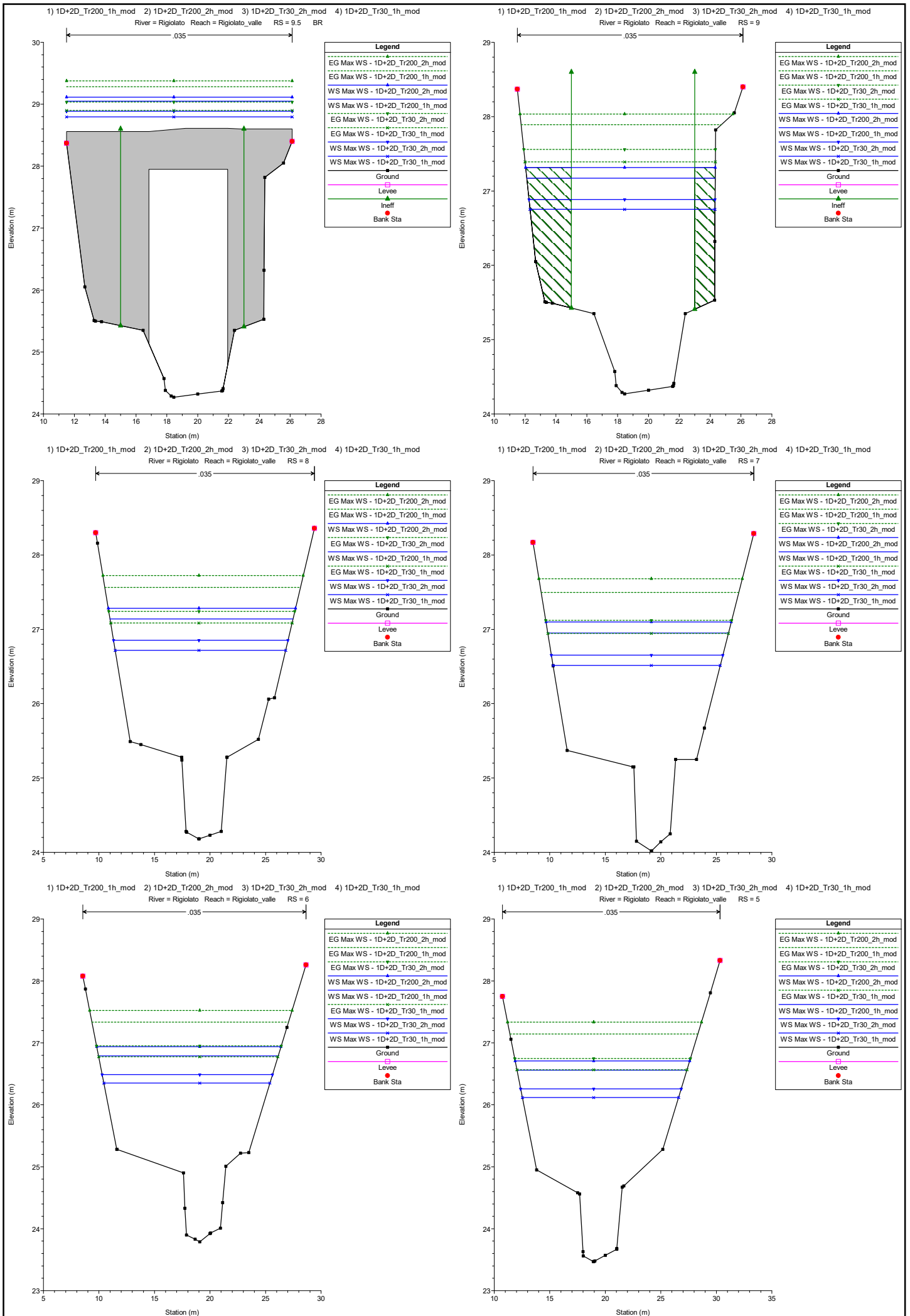


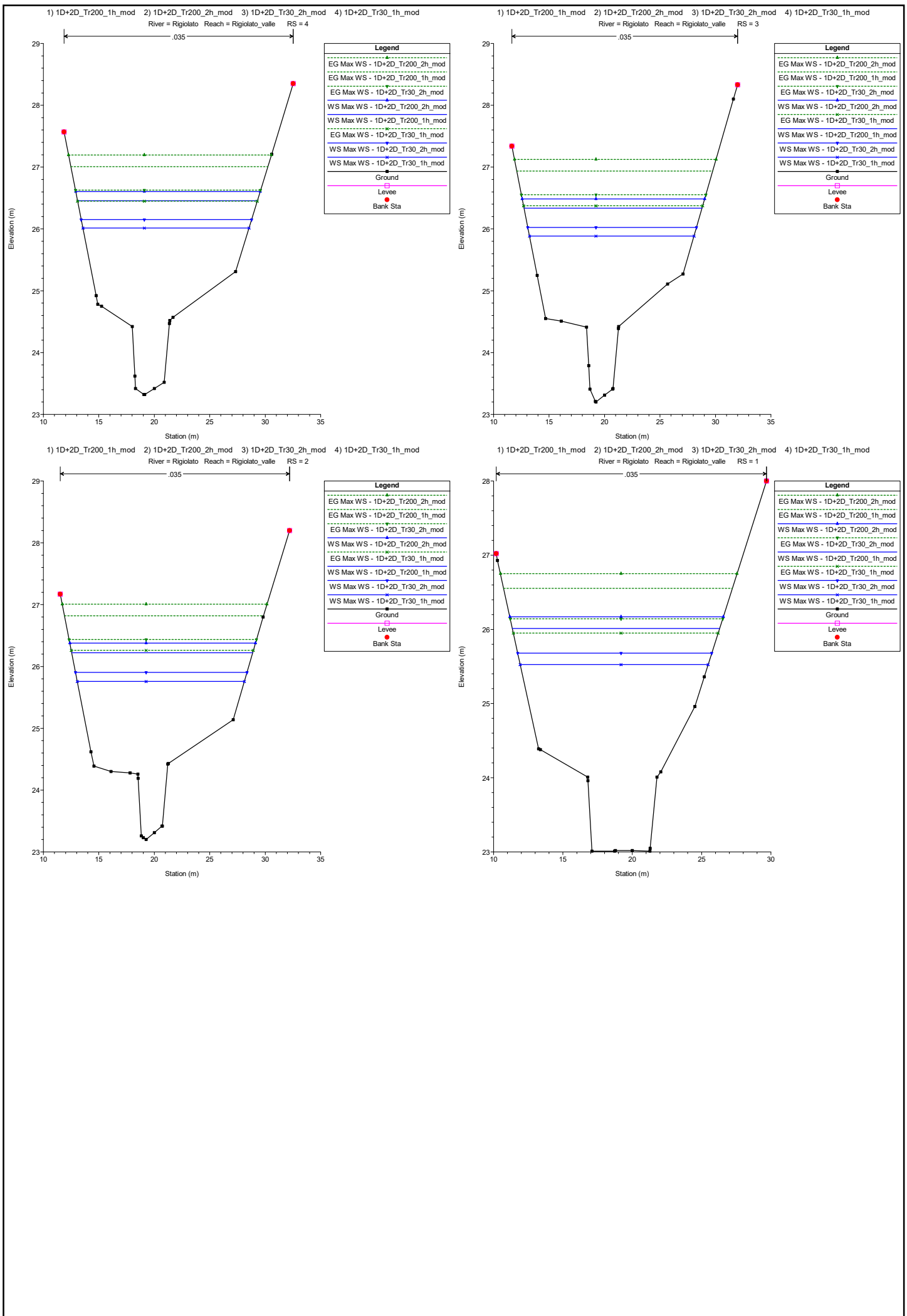


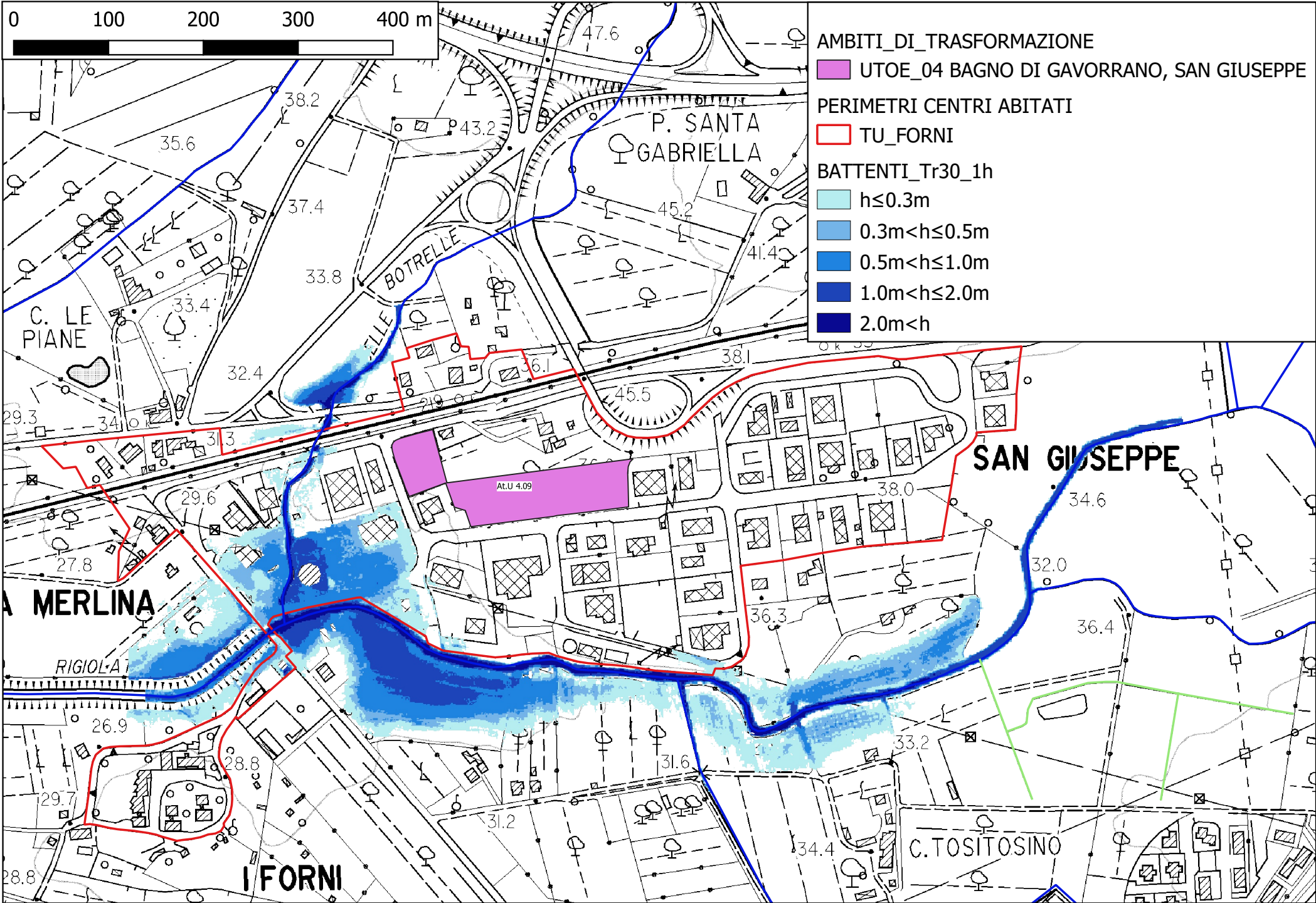
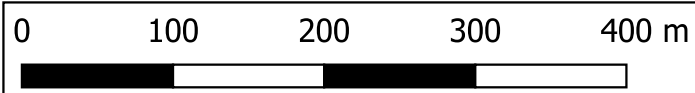












AMBITI_DI_TRASFORMAZIONE

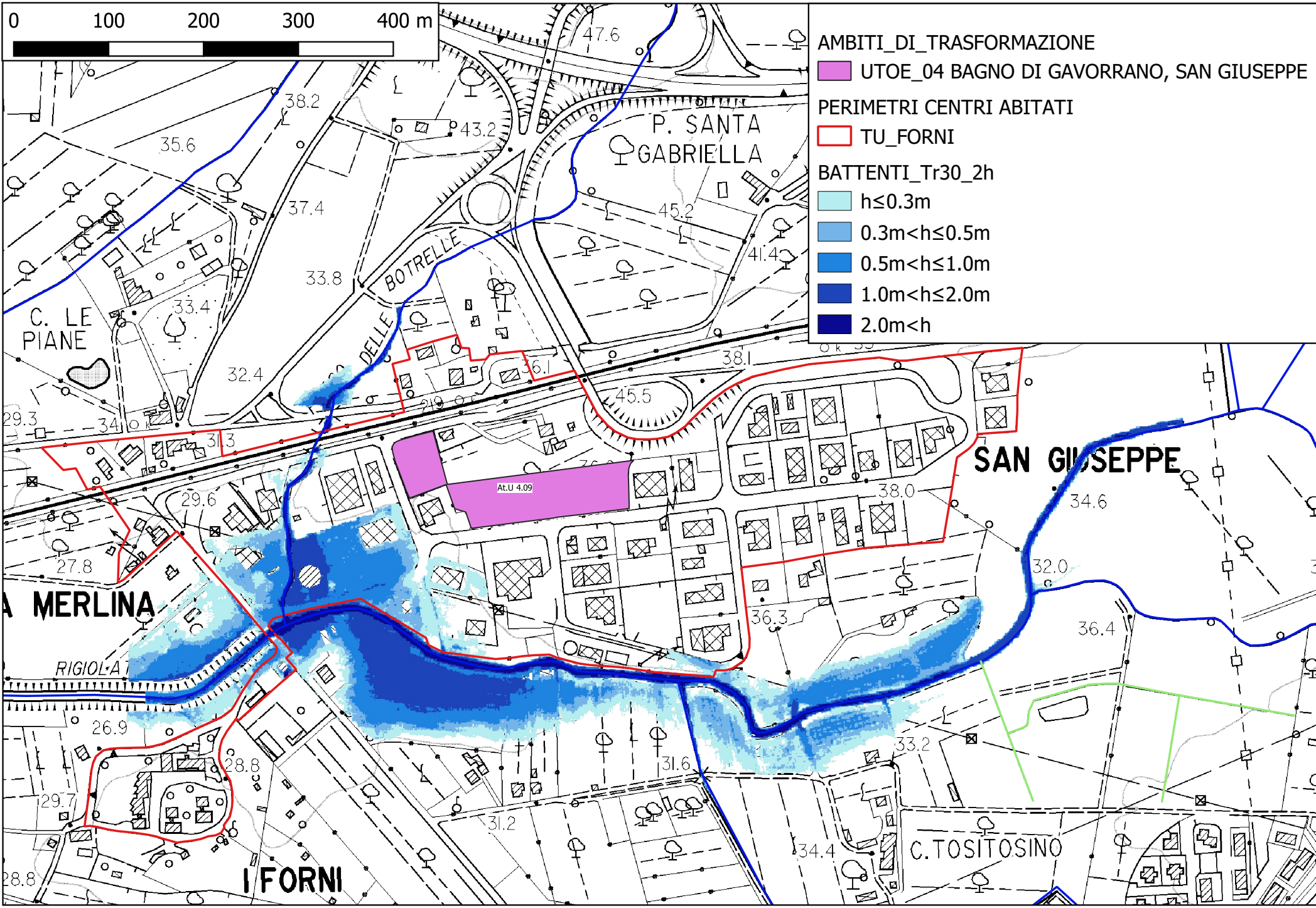
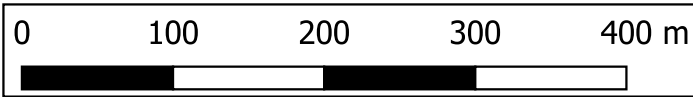
UTOE_04 BAGNO DI GAVORRANO, SAN GIUSEPPE

PERIMETRI CENTRI ABITATI

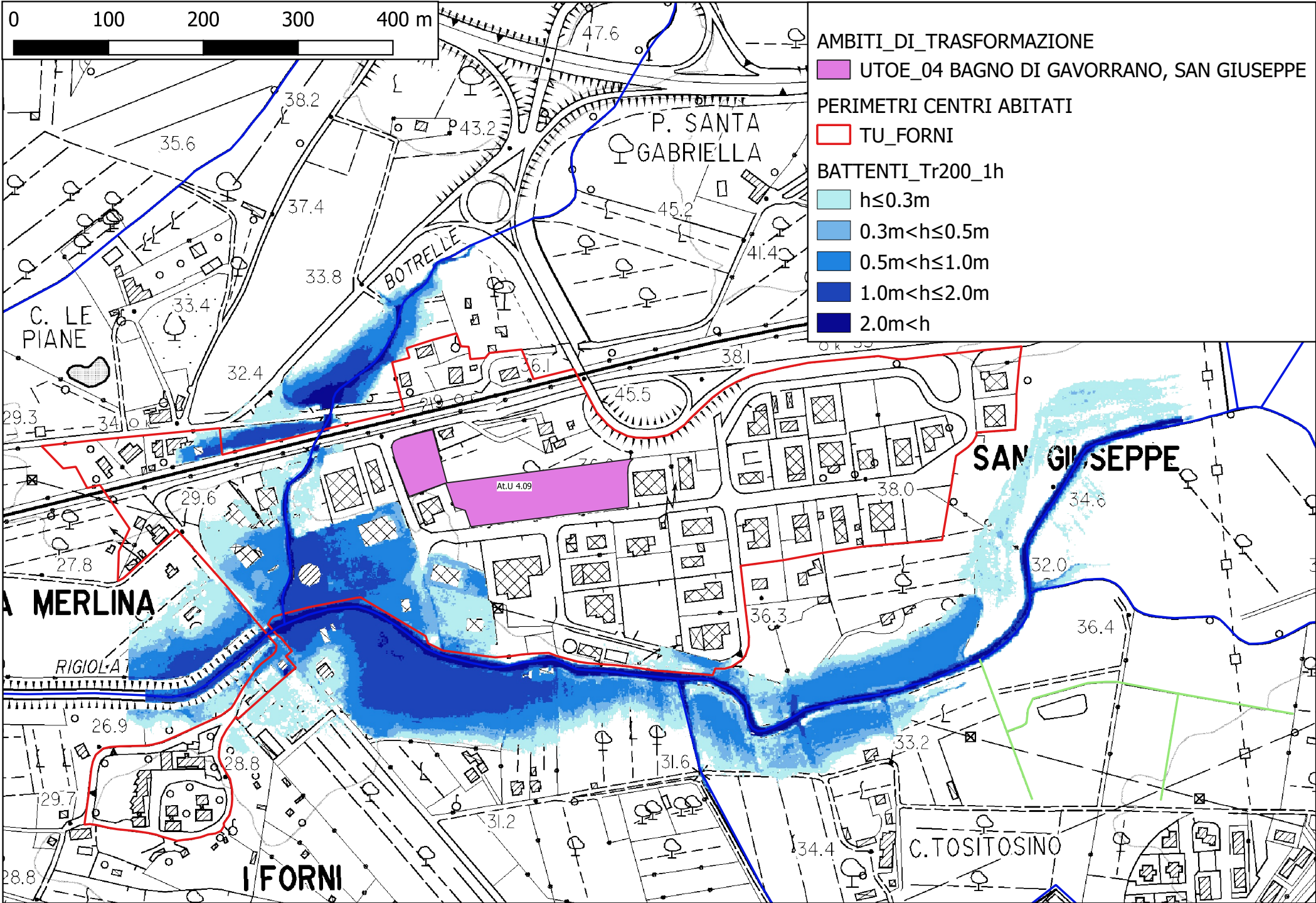
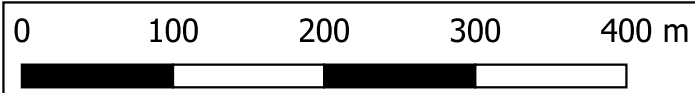
TU_FORNI

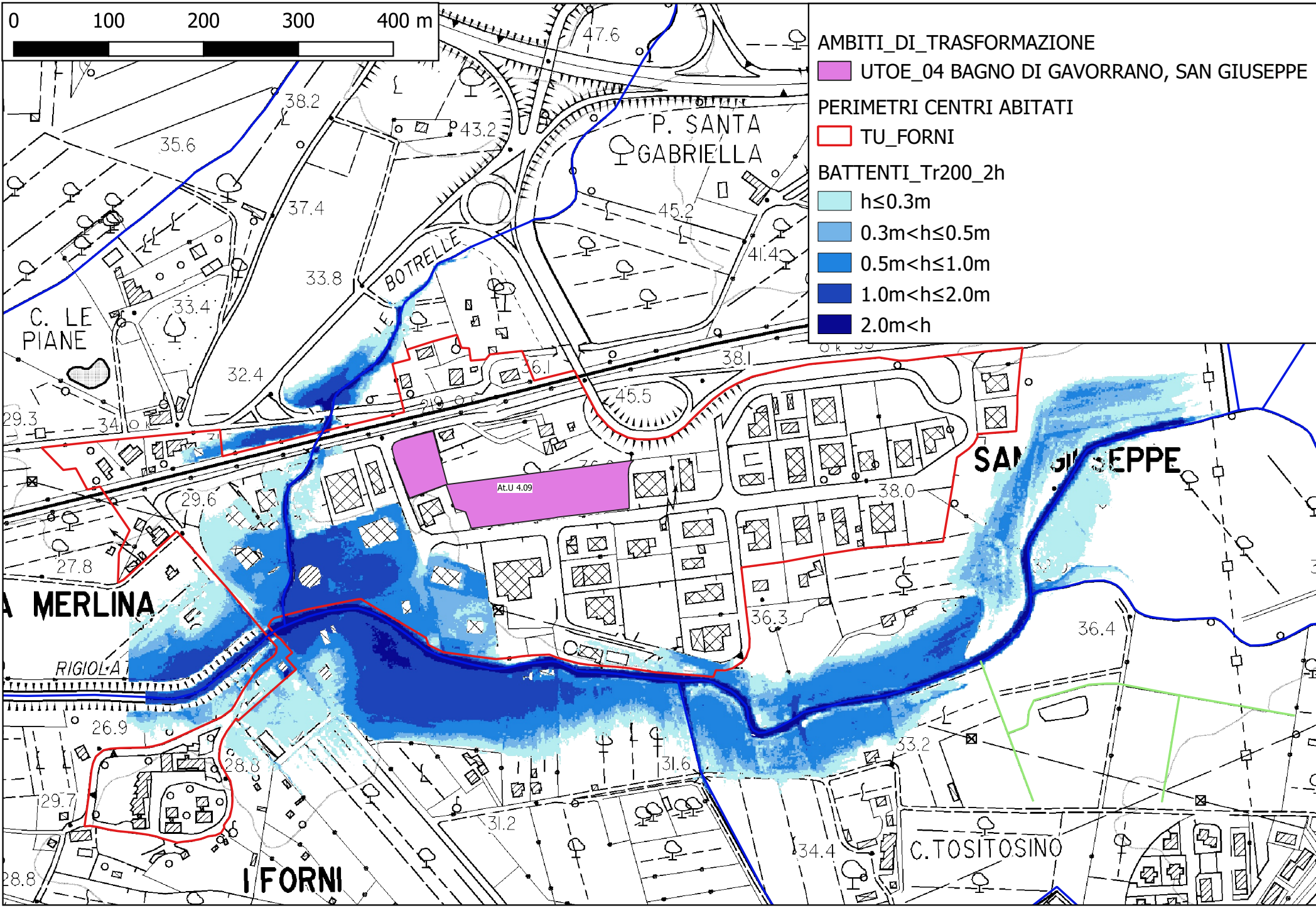
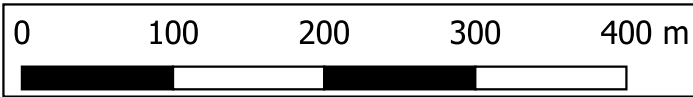
BATTENTI_Tr30_1h

- h ≤ 0.3m
- 0.3m < h ≤ 0.5m
- 0.5m < h ≤ 1.0m
- 1.0m < h ≤ 2.0m
- 2.0m < h



- AMBITI DI TRASFORMAZIONE**
- UTOE_04 BAGNO DI GAVORRANO, SAN GIUSEPPE
- PERIMETRI CENTRI ABITATI**
- TU_FORNI
- BATTENTI_Tr30_2h**
- $h \leq 0.3m$
 - $0.3m < h \leq 0.5m$
 - $0.5m < h \leq 1.0m$
 - $1.0m < h \leq 2.0m$
 - $2.0m < h$





AMBITI_DI_TRASFORMAZIONE

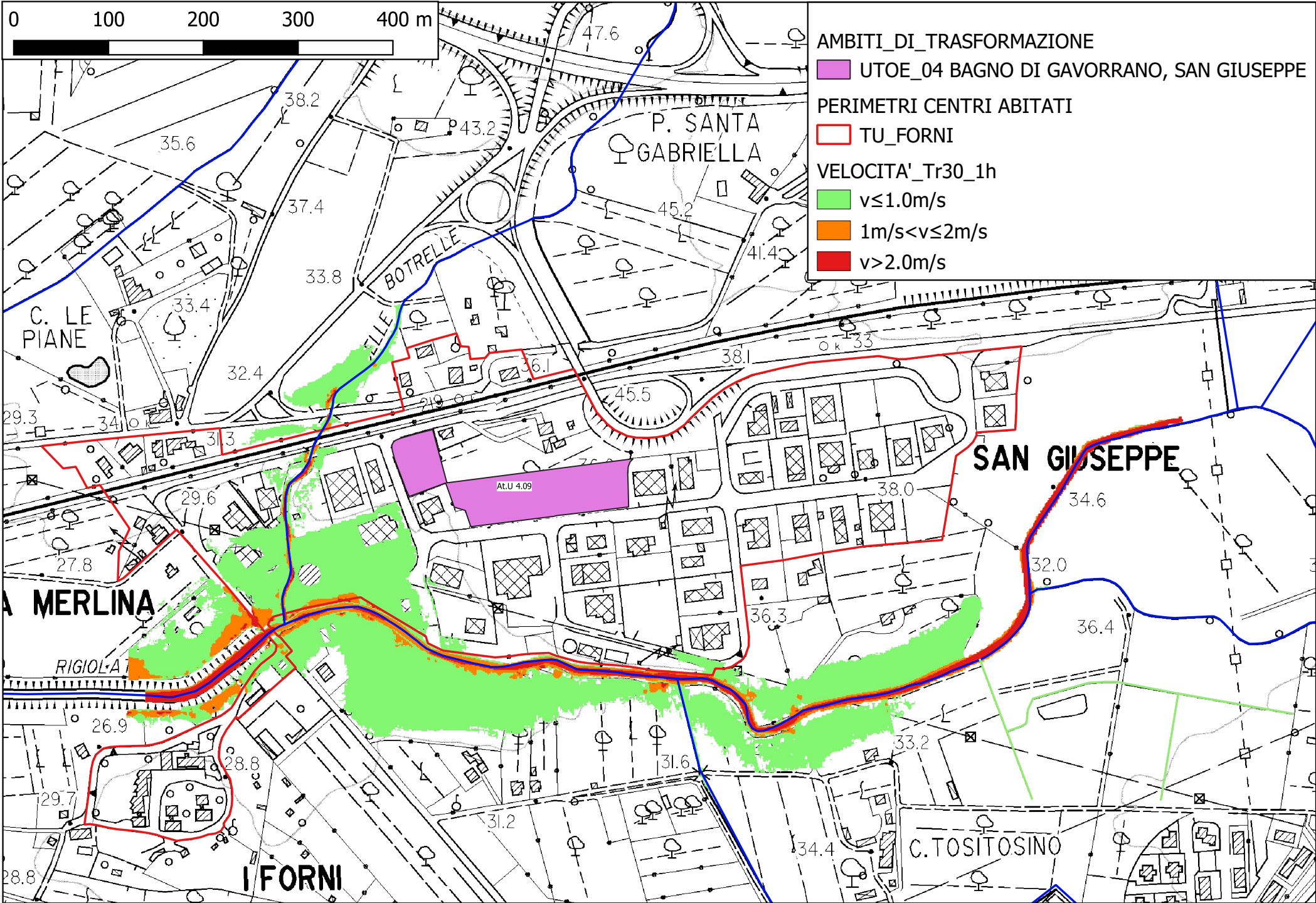
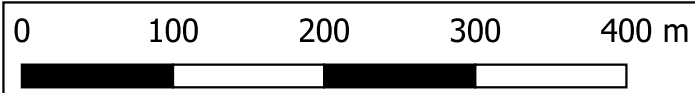
UTOE_04 BAGNO DI GAVORRANO, SAN GIUSEPPE

PERIMETRI CENTRI ABITATI

TU_FORNI

BATTENTI_Tr200_2h

- h ≤ 0.3m
- 0.3m < h ≤ 0.5m
- 0.5m < h ≤ 1.0m
- 1.0m < h ≤ 2.0m
- 2.0m < h



AMBITI_DI_TRASFORMAZIONE

UTOE_04 BAGNO DI GAVORRANO, SAN GIUSEPPE

PERIMETRI CENTRI ABITATI

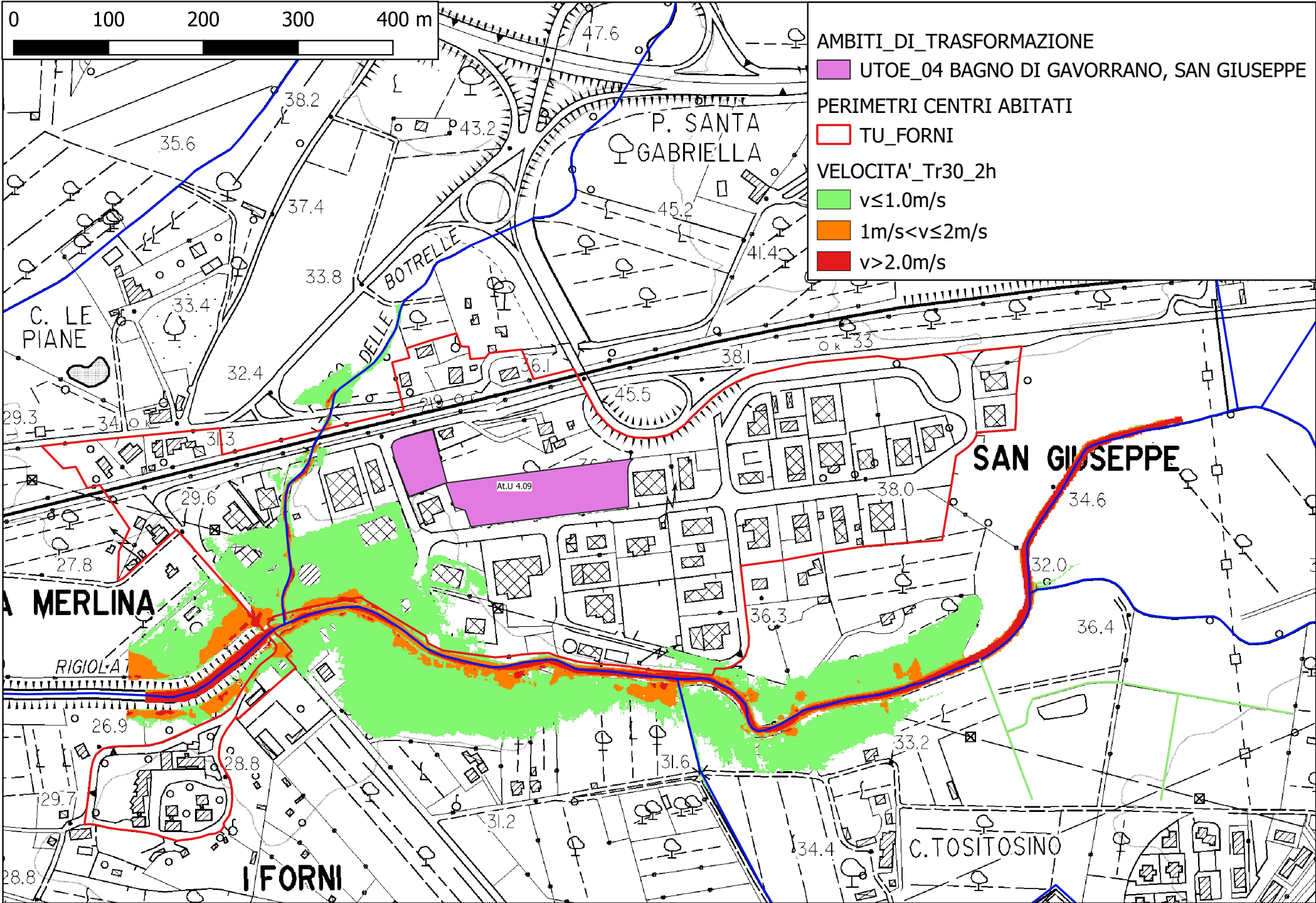
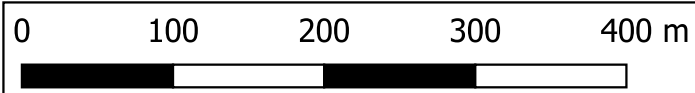
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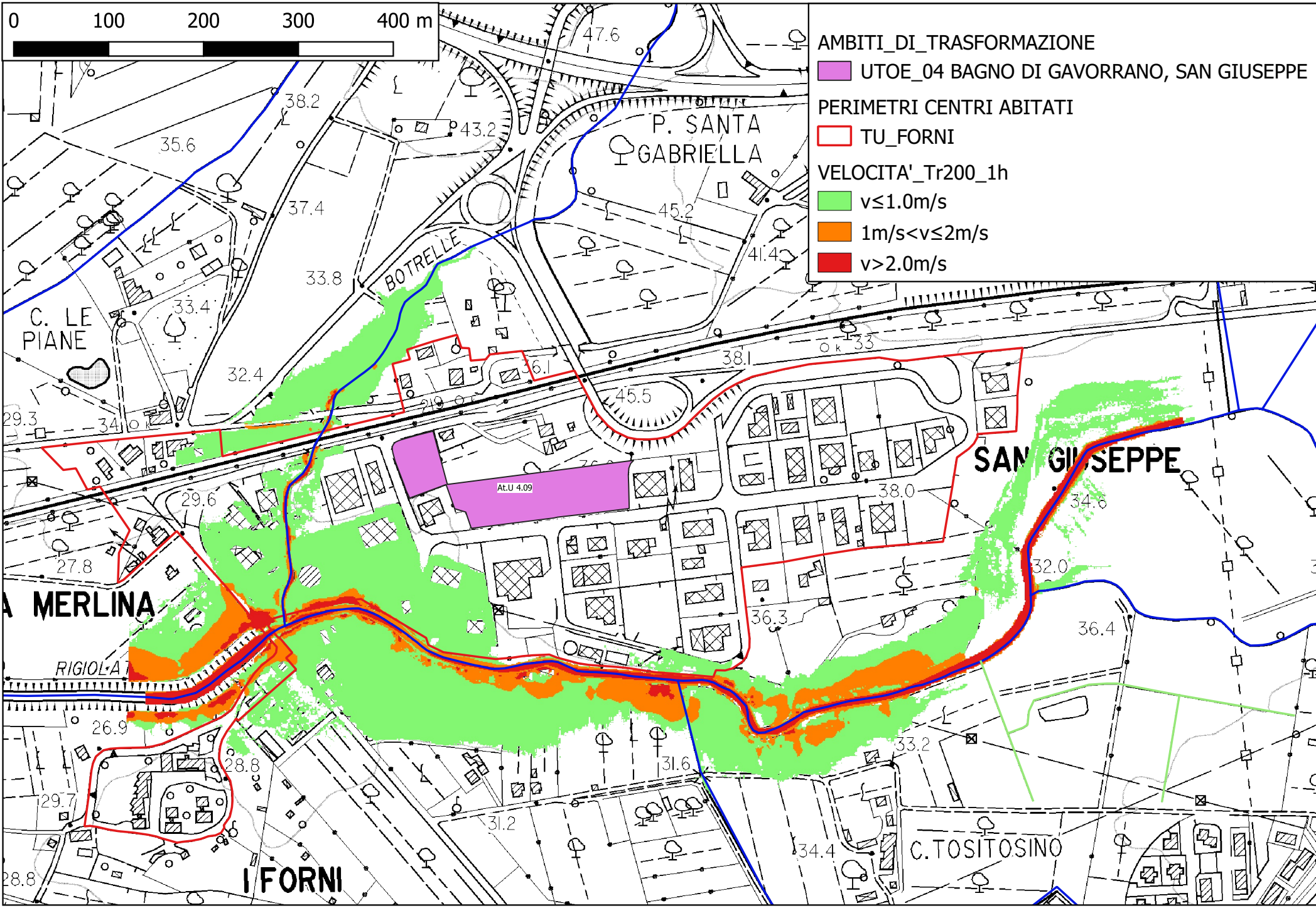
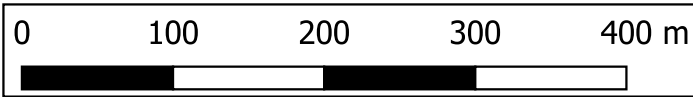
VELOCITA' Tr30_1h

$v \leq 1.0\text{m/s}$

$1\text{m/s} < v \leq 2\text{m/s}$

$v > 2.0\text{m/s}$





- AMBITI DI TRASFORMAZIONE
- UTOE_04 BAGNO DI GAVORRANO, SAN GIUSEPPE
- PERIMETRI CENTRI ABITATI
- TU_FORNI
- VELOCITA' Tr200_1h
 - $v \leq 1.0 \text{ m/s}$
 - $1 \text{ m/s} < v \leq 2 \text{ m/s}$
 - $v > 2.0 \text{ m/s}$

