



REGIONE
BASILICATA



PROVINCIA DI
POTENZA



COMUNE DI
SANT'ARCANGELO

OGGETTO:

PROGETTO DEFINITIVO PER LA REALIZZAZIONE DI UN PARCO AGRI-VOLTAICO A TERRA "SANT'ARC. 1" DELLA POTENZA NOMINALE DI 39.90 MW LOCALITA' "MONTICELLI" NEL COMUNE DI SANT'ARCANGELO (PZ)

ELABORATO:

SIMULAZIONE IDRAULICA-RISULTATI GRAFICI E TABELLARI DELLO STATO DI PROGETTO



PROPONENTE:

COMPAGNIA DEL SOLE TRE S.R.L.
P.IVA IT04320520986
VIA ALDO MORO, 28
25043- BRENO (BS)

PROGETTAZIONE:

Ing. Carmen Martone
Iscr. n. 1872
Ordine Ingegneri Potenza
C.F. MRTCMN73D56H703E

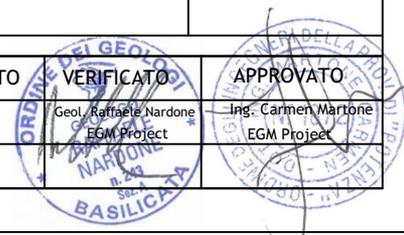


Geol. Raffaele Nardone
Iscr. n. 243
Ordine Geologi Basilicata
C.F. NRDRFL71H04A509H



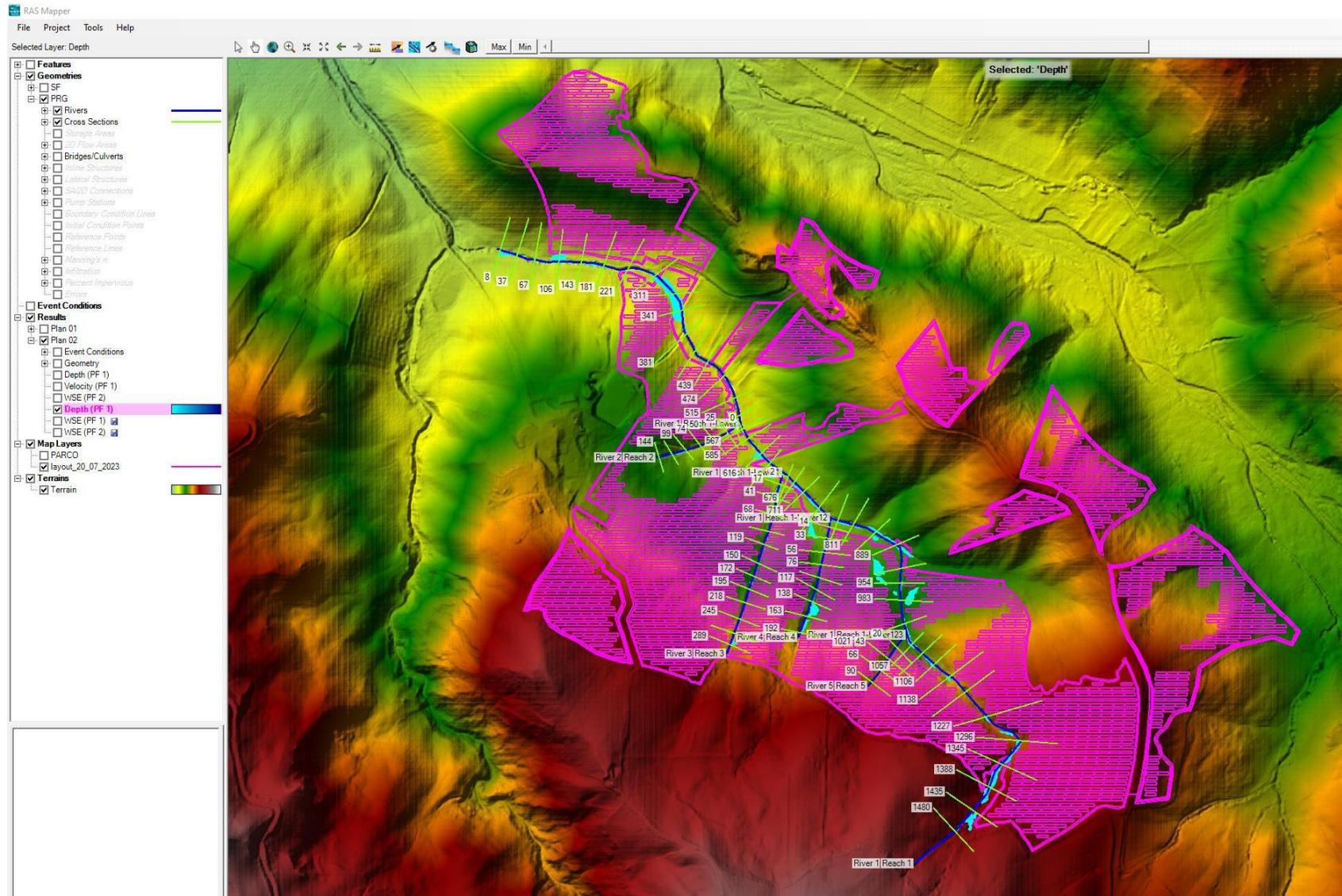
EGM PROJECT S.R.L.
VIA VERRASTRO 15/A
85100- POTENZA (PZ)
P.IVA 02094310766
REA PZ-206983

Livello prog.	Cat. opera	N° . prog.elaborato	Tipo elaborato	N° foglio	Tot. fogli	Nome file	Scala
PD	I.IF	A.3.3	R				
REV.	DATA	DESCRIZIONE			ESEGUITO	VERIFICATO	APPROVATO
01	DICEMBRE 2023	Emissione				Geol. Raffaele Nardone EGM Project	Ing. Carmen Martone EGM Project



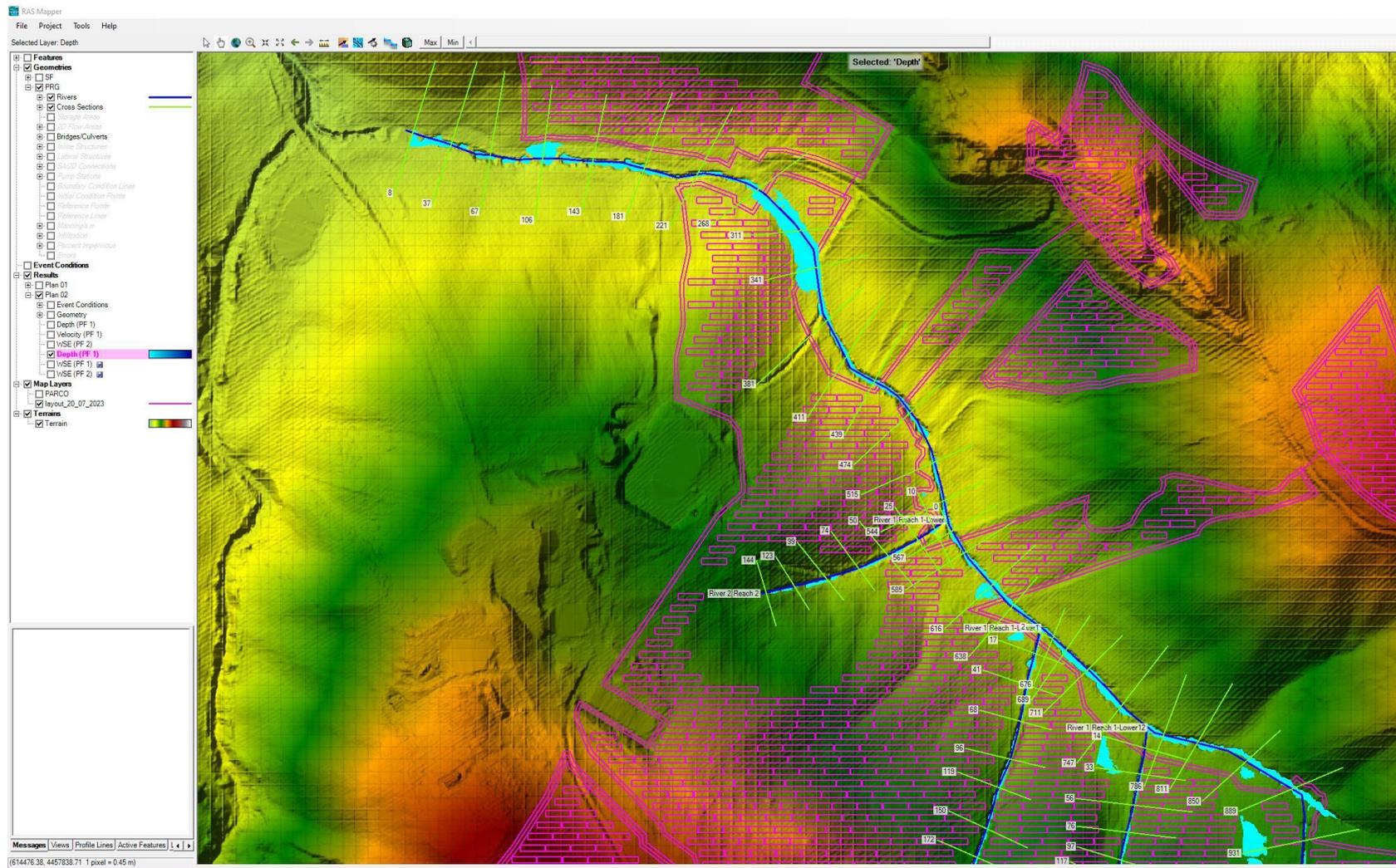
**PROGETTO REALIZZAZIONE IMPIANTO AGRI-VOLTAICO A TERRA "SANT'ARC.1" DELLA POTENZA NOMINALE DI
39.90 MW LOCALITÀ "MONTICELLI" NEL COMUNE DI SANT'ARCAANGELO
(PZ) NOTE INTEGRATIVE – STUDIO IDRAULICO**

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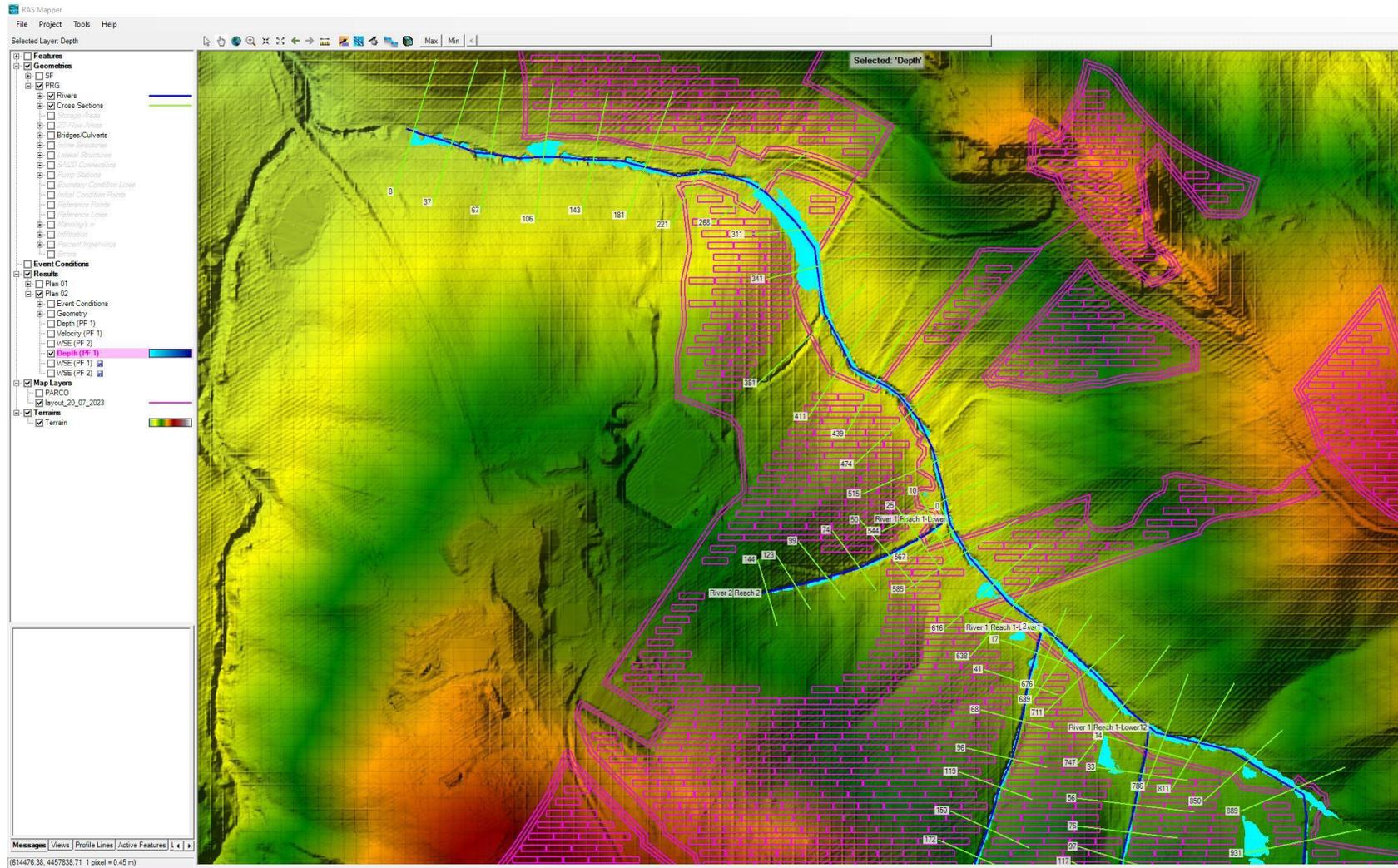
PROGETTO REALIZZAZIONE IMPIANTO AGRI-VOLTAICO A TERRA "SANT'ARC.1" DELLA POTENZA NOMINALE DI
39.90 MW LOCALITÀ "MONTICELLI" NEL COMUNE DI SANT'ARCAANGELO
(PZ) NOTE INTEGRATIVE – STUDIO IDRAULICO

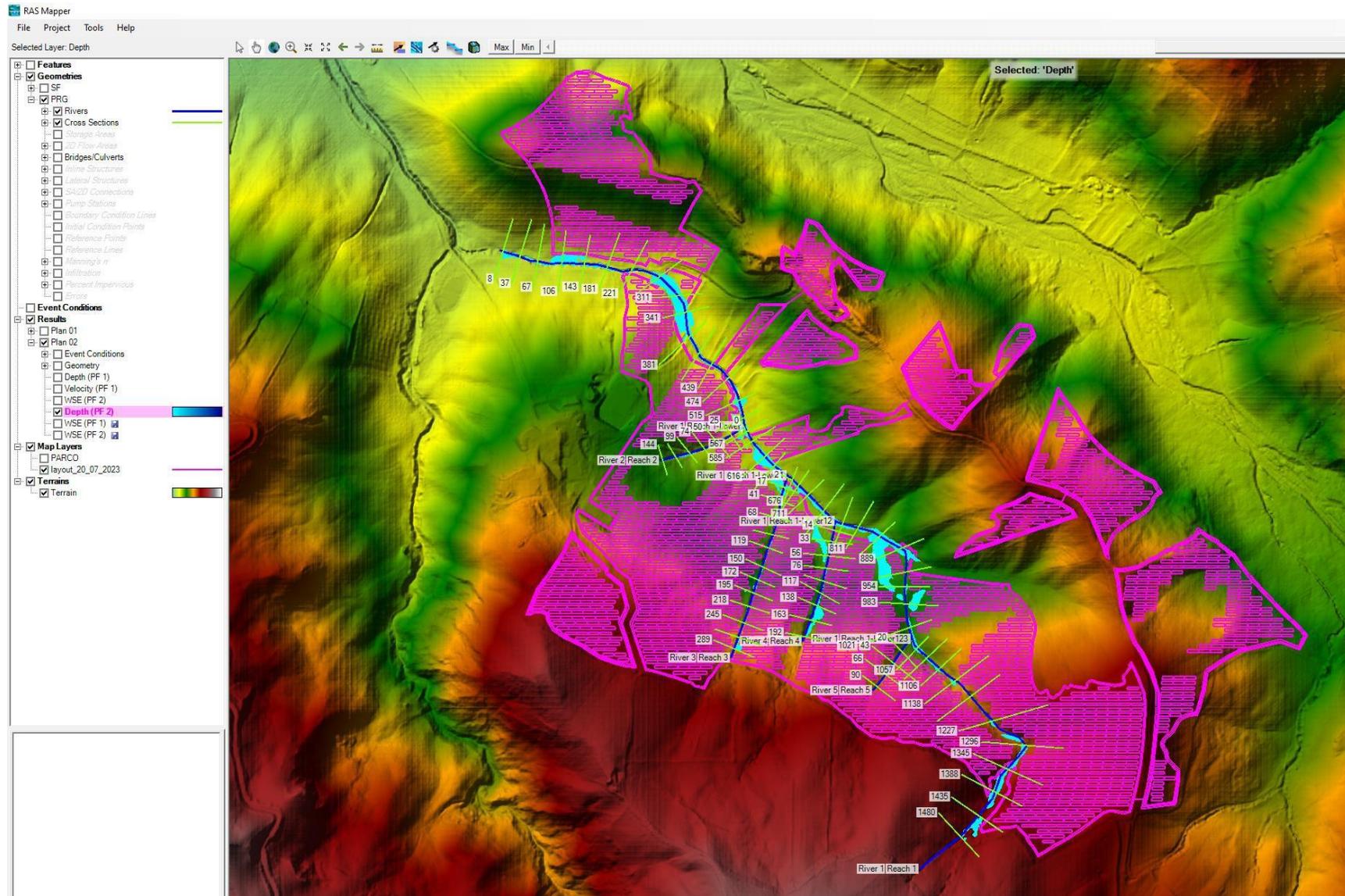
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**PROGETTO REALIZZAZIONE IMPIANTO AGRI-VOLTAICO A TERRA "SANT'ARC.1" DELLA POTENZA NOMINALE DI
39.90 MW LOCALITÀ "MONTICELLI" NEL COMUNE DI SANT'ARCAANGELO
(PZ) NOTE INTEGRATIVE – STUDIO IDRAULICO**

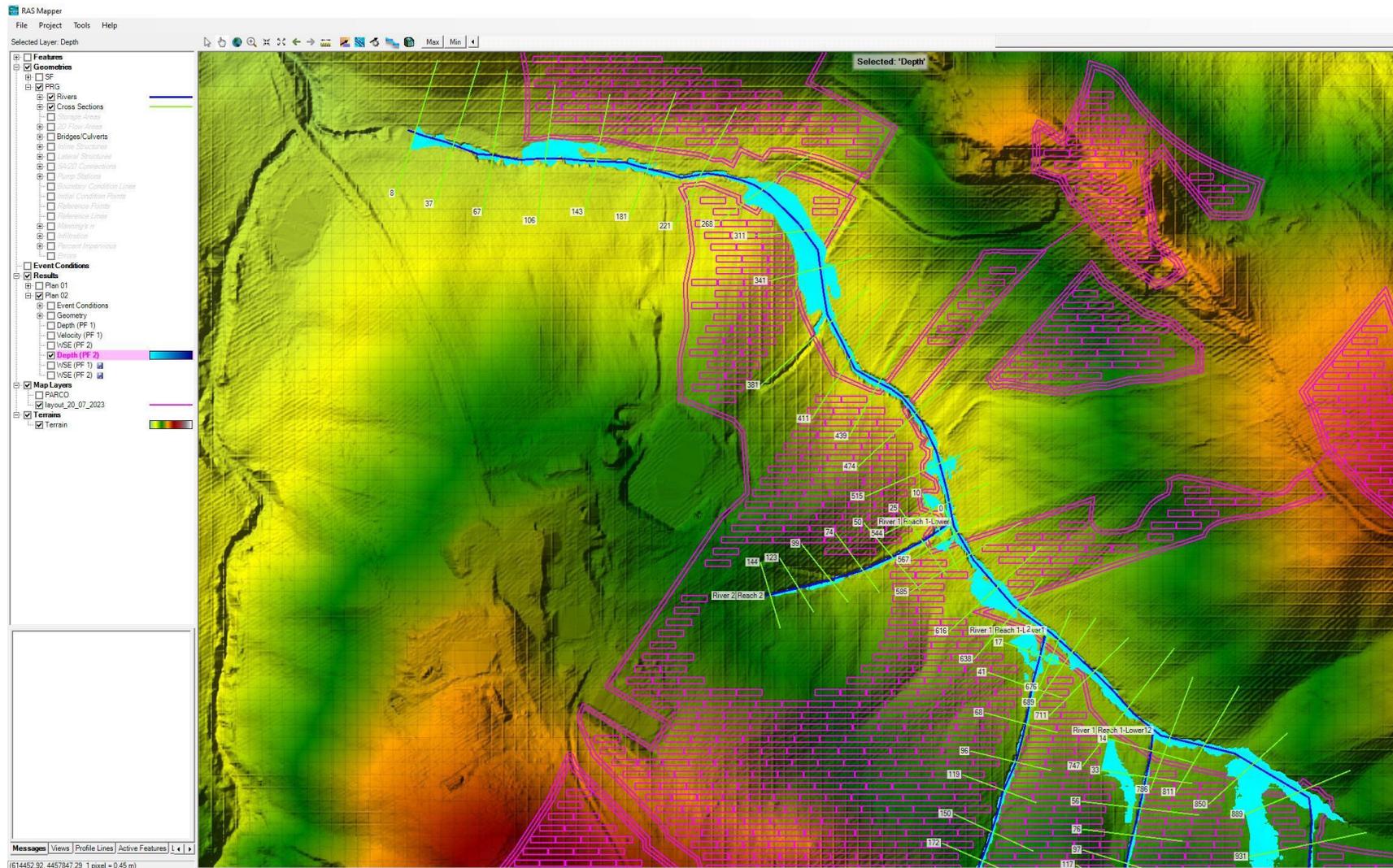
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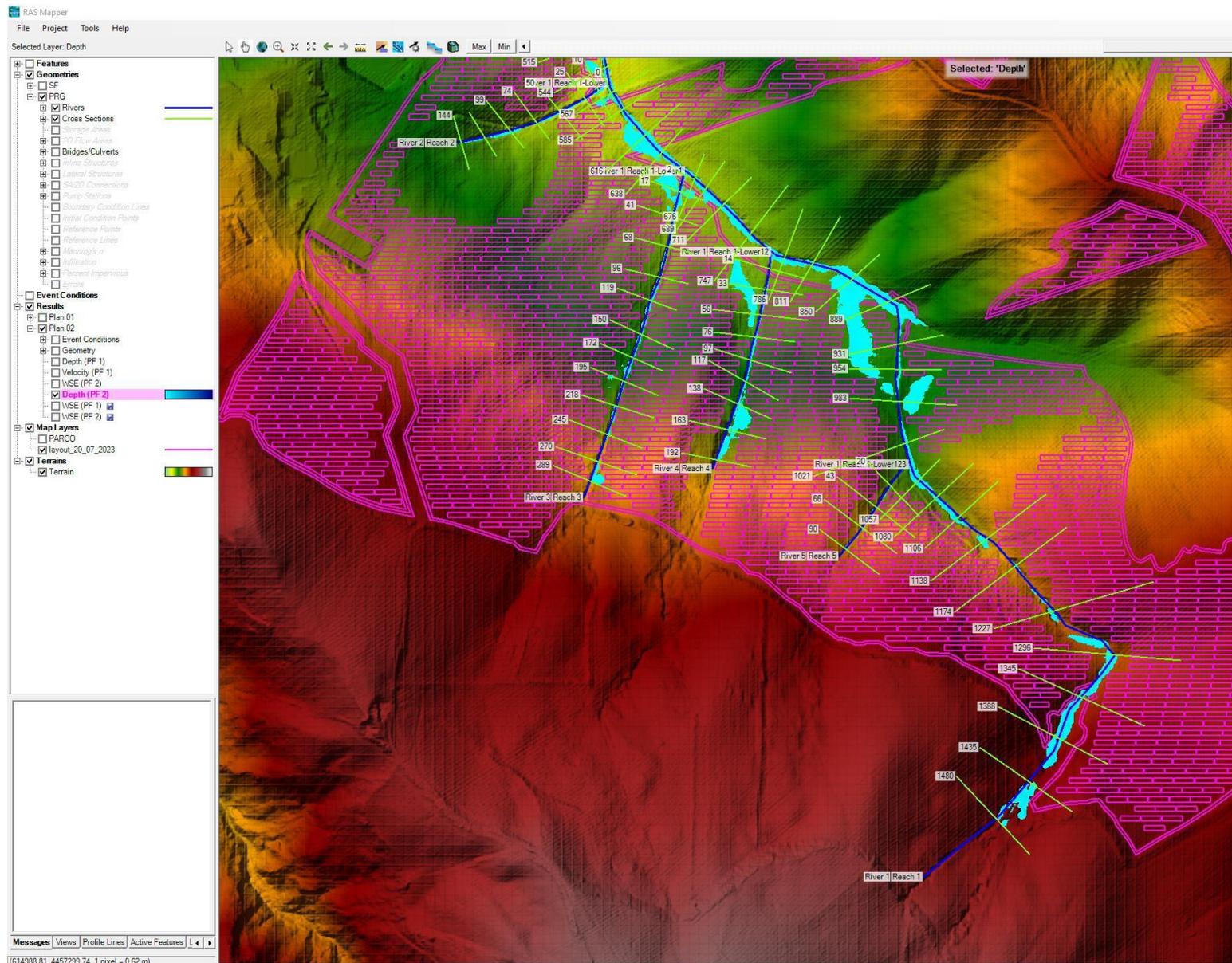
PROGETTO REALIZZAZIONE IMPIANTO AGRI-VOLTAICO A TERRA "SANT'ARC.1" DELLA POTENZA NOMINALE DI
39.90 MW LOCALITÀ "MONTICELLI" NEL COMUNE DI SANT'ARCAANGELO
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**PROGETTO REALIZZAZIONE IMPIANTO AGRI-VOLTAICO A TERRA "SANT'ARC.1" DELLA POTENZA NOMINALE DI
39.90 MW LOCALITÀ "MONTICELLI" NEL COMUNE DI SANT'ARCAANGELO
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**PROGETTO REALIZZAZIONE IMPIANTO AGRI-VOLTAICO A TERRA "SANT'ARC.1" DELLA POTENZA NOMINALE DI
39.90 MW LOCALITÀ "MONTICELLI" NEL COMUNE DI SANT'ARCEANGELO
(Pz) NOTE INTEGRATIVE – STUDIO IDRAULICO**

**DATA:
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Profile Output Table - Standard Table 1

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HEC-RAS Plan: Plan 01													Reload Data
River	Reach	River Sta	Profile	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 (m ²)	Top Width (m)	Froude # Chl	
River 5	Reach 5	90	PF 1	304.10	304.21	304.21	304.24	0.026406	0.81	0.11	1.63	1.00	
River 5	Reach 5	90	PF 2	304.10	304.40	304.40	304.49	0.019750	1.36	0.54	2.92	1.01	
River 5	Reach 5	66	PF 1	296.61	296.64	296.71	298.83	12.486090	6.55	0.01	0.90	16.97	
River 5	Reach 5	66	PF 2	296.61	296.68	296.87	302.23	8.119172	10.43	0.07	1.66	16.20	
River 5	Reach 5	43	PF 1	289.97	290.08	290.12	290.22	0.105903	1.68	0.05	0.71	1.95	
River 5	Reach 5	43	PF 2	289.97	290.24	290.39	290.78	0.141650	3.24	0.23	1.35	2.54	
River 5	Reach 5	20	PF 1	283.41	283.48	283.57	284.25	1.236289	3.88	0.02	0.57	6.16	
River 5	Reach 5	20	PF 2	283.41	283.61	283.83	284.97	0.526312	5.16	0.14	1.15	4.70	
River 4	Reach 4	192	PF 1	289.23	289.33	289.33	289.37	0.026103	0.83	0.24	3.46	1.00	
River 4	Reach 4	192	PF 2	289.23	289.48	289.48	289.58	0.019123	1.38	0.82	4.21	1.00	
River 4	Reach 4	163	PF 1	282.53	282.55	282.63	288.30	36.280180	10.62	0.02	1.34	28.62	
River 4	Reach 4	163	PF 2	282.53	282.59	282.71	287.13	8.884827	9.43	0.12	3.54	16.38	
River 4	Reach 4	138	PF 1	277.69	277.82	277.84	277.89	0.094638	1.24	0.16	3.31	1.79	
River 4	Reach 4	138	PF 2	277.69	277.90	277.96	278.09	0.092419	1.92	0.59	6.09	1.98	
River 4	Reach 4	117	PF 1	274.17	274.29	274.37	274.64	0.286392	2.65	0.08	1.11	3.25	
River 4	Reach 4	117	PF 2	274.17	274.43	274.60	275.18	0.217540	3.84	0.29	2.01	3.20	
River 4	Reach 4	97	PF 1	271.61	271.83	271.88	271.99	0.075840	1.81	0.11	1.01	1.74	
River 4	Reach 4	97	PF 2	271.61	272.02	272.14	272.47	0.090162	2.99	0.38	1.82	2.10	
River 4	Reach 4	76	PF 1	269.14	269.27	269.33	269.50	0.210091	2.15	0.09	1.51	2.76	
River 4	Reach 4	76	PF 2	269.14	269.39	269.54	269.96	0.165959	3.32	0.34	2.37	2.80	
River 4	Reach 4	56	PF 1	266.75	267.04	267.09	267.21	0.069291	1.87	0.11	0.75	1.58	
River 4	Reach 4	56	PF 2	266.75	267.29	267.34	267.47	0.086515	1.89	0.60	5.72	1.87	
River 4	Reach 4	33	PF 1	264.97	265.09	265.14	265.25	0.102006	1.73	0.12	1.49	1.99	

**PROGETTO REALIZZAZIONE IMPIANTO AGRI-VOLTAICO A TERRA "SANT'ARC.1" DELLA POTENZA NOMINALE DI
39.90 MW LOCALITÀ "MONTICELLI" NEL COMUNE DI SANT'ARCEANGELO
(Pz) NOTE INTEGRATIVE – STUDIO IDRAULICO**

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Profile Output Table - Standard Table 1

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HEC-RAS Plan: Plan 01												
River	Reach	River Sta	Profile	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
River 4	Reach 4	33	PF 1	264.97	265.09	265.14	265.25	0.102006	1.73	0.12	1.49	1.99
River 4	Reach 4	33	PF 2	264.97	265.24	265.28	265.37	0.091075	1.57	0.72	9.99	1.87
River 4	Reach 4	14	PF 1	263.32	263.42	263.44	263.49	0.080924	1.21	0.16	3.02	1.66
River 4	Reach 4	14	PF 2	263.32	263.52	263.60	263.72	0.081574	1.96	0.58	5.16	1.87
River 3	Reach 3	289	PF 1	299.66	299.86	299.86	299.91	0.023752	1.04	0.23	2.17	1.01
River 3	Reach 3	289	PF 2	299.66	300.09	300.09	300.14	0.023038	1.06	1.29	11.61	1.01
River 3	Reach 3	270	PF 1	295.55	295.60	295.73	298.06	5.509763	6.95	0.03	1.11	12.60
River 3	Reach 3	270	PF 2	295.55	295.71	296.00	298.51	1.095460	7.41	0.18	1.56	6.88
River 3	Reach 3	245	PF 1	289.91	290.04	290.09	290.21	0.090068	1.79	0.13	1.50	1.91
River 3	Reach 3	245	PF 2	289.91	290.19	290.35	290.77	0.125115	3.39	0.40	2.17	2.51
River 3	Reach 3	218	PF 1	283.03	283.09	283.19	283.98	1.306069	4.19	0.06	1.36	6.50
River 3	Reach 3	218	PF 2	283.03	283.20	283.40	284.52	0.535722	5.08	0.27	2.43	4.87
River 3	Reach 3	195	PF 1	277.88	278.00	278.05	278.14	0.098839	1.67	0.14	1.92	1.95
River 3	Reach 3	195	PF 2	277.88	278.11	278.19	278.39	0.145805	2.35	0.58	6.26	2.46
River 3	Reach 3	172	PF 1	272.88	272.99	273.09	273.57	0.577427	3.38	0.07	1.22	4.47
River 3	Reach 3	172	PF 2	272.88	273.14	273.33	274.03	0.251140	4.17	0.33	2.16	3.42
River 3	Reach 3	150	PF 1	270.18	270.43	270.47	270.57	0.055645	1.70	0.14	1.11	1.52
River 3	Reach 3	150	PF 2	270.18	270.63	270.78	271.09	0.076733	2.98	0.46	1.96	1.97
River 3	Reach 3	119	PF 1	266.76	266.95	267.06	267.38	0.235691	2.90	0.08	0.86	2.98
River 3	Reach 3	119	PF 2	266.76	267.18	267.42	267.90	0.137201	3.78	0.36	1.65	2.57
River 3	Reach 3	96	PF 1	264.42	264.54	264.59	264.69	0.067879	1.66	0.14	1.41	1.66
River 3	Reach 3	96	PF 2	264.42	264.71	264.87	265.26	0.096655	3.26	0.42	1.87	2.20

**PROGETTO REALIZZAZIONE IMPIANTO AGRI-VOLTAICO A TERRA "SANT'ARC.1" DELLA POTENZA NOMINALE DI
39.90 MW LOCALITÀ "MONTICELLI" NEL COMUNE DI SANT'ARCAANGELO
(Pz) NOTE INTEGRATIVE – STUDIO IDRAULICO**

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Profile Output Table - Standard Table 1

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HEC-RAS Plan: Plan 01													Reload Data
River	Reach	River Sta	Profile	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	
River 3	Reach 3	96	PF 2	264.42	264.71	264.87	265.26	0.096655	3.26	0.42	1.87	2.20	
River 3	Reach 3	68	PF 1	262.03	262.31	262.38	262.53	0.083867	2.08	0.12	0.82	1.77	
River 3	Reach 3	68	PF 2	262.03	262.61	262.79	263.04	0.062199	2.91	0.47	1.58	1.71	
River 3	Reach 3	41	PF 1	260.54	260.70	260.73	260.81	0.048795	1.50	0.16	1.42	1.43	
River 3	Reach 3	41	PF 2	260.54	260.88	261.04	261.29	0.067296	2.84	0.48	2.04	1.87	
River 3	Reach 3	17	PF 1	259.52	259.66	259.68	259.74	0.040594	1.29	0.19	1.88	1.31	
River 3	Reach 3	17	PF 2	259.52	259.85	259.96	260.06	0.037324	2.06	0.67	3.11	1.42	
River 2	Reach 2	144	PF 1	269.51	269.72	269.72	269.78	0.025960	1.03	0.11	1.01	1.01	
River 2	Reach 2	144	PF 2	269.51	269.94	269.94	270.05	0.020558	1.46	0.43	2.04	1.01	
River 2	Reach 2	123	PF 1	265.49	265.53	265.62	267.62	6.454775	6.41	0.02	0.71	13.15	
River 2	Reach 2	123	PF 2	265.49	265.59	265.78	268.32	2.377276	7.31	0.09	1.37	9.32	
River 2	Reach 2	99	PF 1	261.28	261.38	261.40	261.45	0.070762	1.16	0.09	1.73	1.58	
River 2	Reach 2	99	PF 2	261.28	261.47	261.53	261.69	0.086924	2.07	0.30	2.70	1.97	
River 2	Reach 2	74	PF 1	258.64	258.71	258.75	258.82	0.172566	1.45	0.08	1.93	2.34	
River 2	Reach 2	74	PF 2	258.64	258.80	258.88	259.10	0.125679	2.41	0.26	2.40	2.34	
River 2	Reach 2	50	PF 1	257.00	257.11	257.12	257.16	0.037352	0.98	0.11	1.62	1.19	
River 2	Reach 2	50	PF 2	257.00	257.23	257.28	257.39	0.045057	1.75	0.36	2.47	1.47	
River 2	Reach 2	25	PF 1	255.88	255.95	255.97	256.02	0.058359	1.13	0.10	1.58	1.45	
River 2	Reach 2	25	PF 2	255.88	256.08	256.13	256.25	0.046297	1.84	0.34	2.20	1.49	
River 2	Reach 2	10	PF 1	255.09	255.20	255.21	255.25	0.046110	0.98	0.11	1.91	1.29	
River 2	Reach 2	10	PF 2	255.09	255.31	255.35	255.44	0.064480	1.63	0.39	3.91	1.66	
River 1	Reach 1	1480	PF 1	340.39	341.30	341.30	341.51	0.016919	2.01	1.61	3.91	1.00	
River 1	Reach 1	1480	PF 2	340.39	341.64	341.64	341.86	0.015740	2.06	3.86	8.94	1.00	

**PROGETTO REALIZZAZIONE IMPIANTO AGRI-VOLTAICO A TERRA "SANT'ARC.1" DELLA POTENZA NOMINALE DI
39.90 MW LOCALITÀ "MONTICELLI" NEL COMUNE DI SANT'ARCEANGELO
(Pz) NOTE INTEGRATIVE – STUDIO IDRAULICO**

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Profile Output Table - Standard Table 1

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HEC-RAS Plan: Plan 01													Reload Data
River	Reach	River Sta	Profile	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	
River 1	Reach 1	1480	PF 1	340.39	341.30	341.30	341.51	0.016919	2.01	1.61	3.91	1.00	
River 1	Reach 1	1480	PF 2	340.39	341.64	341.64	341.86	0.015740	2.06	3.86	8.94	1.00	
River 1	Reach 1	1435	PF 1	331.99	332.13	332.44	338.28	3.484704	10.98	0.29	3.42	11.96	
River 1	Reach 1	1435	PF 2	331.99	332.23	332.65	338.86	1.910844	11.41	0.70	4.89	9.63	
River 1	Reach 1	1388	PF 1	323.97	324.29	324.42	324.69	0.083471	2.78	1.16	6.41	2.09	
River 1	Reach 1	1388	PF 2	323.97	324.43	324.63	325.12	0.094218	3.68	2.17	8.61	2.34	
River 1	Reach 1	1345	PF 1	317.74	318.24	318.45	319.19	0.210441	4.31	0.75	4.10	3.22	
River 1	Reach 1	1345	PF 2	317.74	318.41	318.72	319.71	0.168759	5.06	1.58	5.76	3.09	
River 1	Reach 1	1296	PF 1	310.95	311.35	311.52	311.94	0.106195	3.40	0.95	4.63	2.39	
River 1	Reach 1	1296	PF 2	310.95	311.51	311.74	312.34	0.128965	4.05	1.97	8.55	2.70	
River 1	Reach 1	1227	PF 1	305.83	306.35	306.52	306.88	0.053366	3.22	1.00	2.97	1.77	
River 1	Reach 1	1227	PF 2	305.83	306.65	306.90	307.43	0.044813	3.91	2.04	3.84	1.72	
River 1	Reach 1	1174	PF 1	298.13	298.41	298.70	300.27	0.500880	6.03	0.54	3.43	4.88	
River 1	Reach 1	1174	PF 2	298.13	298.54	299.02	301.70	0.436486	7.87	1.01	3.85	4.90	
River 1	Reach 1	1138	PF 1	292.53	292.83	292.96	293.28	0.094663	2.96	1.09	5.97	2.22	
River 1	Reach 1	1138	PF 2	292.53	292.95	293.20	293.89	0.114502	4.28	1.86	6.77	2.60	
River 1	Reach 1	1106	PF 1	287.16	287.50	287.77	288.76	0.217455	4.97	0.65	2.98	3.39	
River 1	Reach 1	1106	PF 2	287.16	287.71	288.13	289.46	0.160455	5.86	1.36	3.78	3.12	
River 1	Reach 1	1080	PF 1	282.92	283.26	283.48	284.09	0.140405	4.03	0.80	3.64	2.74	
River 1	Reach 1	1080	PF 2	282.92	283.41	283.82	285.10	0.169767	5.76	1.38	4.19	3.20	
River 1	Reach 1	1057	PF 1	281.15	281.50	281.60	281.83	0.066257	2.53	1.28	6.88	1.87	
River 1	Reach 1	1057	PF 2	281.15	281.63	281.82	282.27	0.078154	3.54	2.25	8.25	2.16	
River 1	Reach 1-Lower 123	1021	PF 1	276.60	276.93	277.26	278.46	0.235632	5.47	0.61	2.47	3.52	

**PROGETTO REALIZZAZIONE IMPIANTO AGRI-VOLTAICO A TERRA "SANT'ARC.1" DELLA POTENZA NOMINALE DI
39.90 MW LOCALITÀ "MONTICELLI" NEL COMUNE DI SANT'ARCEANGELO
(Pz) NOTE INTEGRATIVE – STUDIO IDRAULICO**

**DATA:
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Profile Output Table - Standard Table 1

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HEC-RAS Plan: Plan 01													Reload Data
River	Reach	River Sta	Profile	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	
River 1	Reach 1-Lower123	983	PF 1	275.02	275.25	275.28	275.38	0.032579	1.55	2.14	14.14	1.27	
River 1	Reach 1-Lower123	983	PF 2	275.02	275.35	275.44	275.64	0.050744	2.39	3.65	17.57	1.67	
River 1	Reach 1-Lower123	954	PF 1	272.68	273.03	273.11	273.39	0.230401	2.66	1.25	15.84	3.02	
River 1	Reach 1-Lower123	954	PF 2	272.68	273.13	273.24	273.54	0.114490	2.86	3.05	20.48	2.37	
River 1	Reach 1-Lower123	931	PF 1	271.28	271.50	271.53	271.61	0.036116	1.44	2.30	18.33	1.30	
River 1	Reach 1-Lower123	931	PF 2	271.28	271.59	271.66	271.82	0.049735	2.14	4.07	22.76	1.61	
River 1	Reach 1-Lower123	889	PF 1	268.82	269.23	269.44	269.69	0.056853	2.98	1.11	4.08	1.82	
River 1	Reach 1-Lower123	889	PF 2	268.82	269.51	269.58	269.73	0.049318	2.06	4.22	24.54	1.59	
River 1	Reach 1-Lower123	850	PF 1	266.26	266.83	267.01	267.37	0.060202	3.26	1.02	3.27	1.87	
River 1	Reach 1-Lower123	850	PF 2	266.26	267.20	267.30	267.52	0.063440	2.51	3.47	18.01	1.83	
River 1	Reach 1-Lower123	811	PF 1	264.29	264.82	264.98	265.31	0.047076	3.08	1.08	3.13	1.68	
River 1	Reach 1-Lower123	811	PF 2	264.29	265.20	265.44	265.79	0.032628	3.40	2.56	4.84	1.49	
River 1	Reach 1-Lower123	786	PF 1	263.13	263.72	263.84	264.11	0.044693	2.77	1.20	4.02	1.62	
River 1	Reach 1-Lower123	786	PF 2	263.13	263.96	264.21	264.68	0.060555	3.74	2.32	6.24	1.96	
River 1	Reach 1-Lower12	747	PF 1	260.96	261.32	261.57	262.33	0.151379	4.46	0.79	3.26	2.90	
River 1	Reach 1-Lower12	747	PF 2	260.96	261.62	261.98	262.90	0.097074	5.01	1.96	4.83	2.51	
River 1	Reach 1-Lower12	711	PF 1	259.82	260.31	260.33	260.52	0.020581	2.04	1.73	5.19	1.13	
River 1	Reach 1-Lower12	711	PF 2	259.82	260.57	260.70	261.04	0.025776	3.04	3.23	6.21	1.35	
River 1	Reach 1-Lower12	689	PF 1	259.29	259.96	259.96	260.16	0.016147	1.98	1.78	4.55	1.01	
River 1	Reach 1-Lower12	689	PF 2	259.29	260.35	260.35	260.52	0.016582	1.88	5.24	15.28	1.02	
River 1	Reach 1-Lower12	676	PF 1	258.83	259.27	259.42	259.76	0.056037	3.10	1.13	3.84	1.82	
River 1	Reach 1-Lower12	676	PF 2	258.83	259.67	259.93	260.20	0.028615	3.23	3.04	5.75	1.42	
River 1	Reach 1-Lower1	638	PF 1	257.78	258.44	258.59	258.88	0.039719	2.91	1.29	3.62	1.55	

**PROGETTO REALIZZAZIONE IMPIANTO AGRI-VOLTAICO A TERRA "SANT'ARC.1" DELLA POTENZA NOMINALE DI
39.90 MW LOCALITÀ "MONTICELLI" NEL COMUNE DI SANT'ARCEANGELO
(Pz) NOTE INTEGRATIVE – STUDIO IDRAULICO**

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Profile Output Table - Standard Table 1

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HEC-RAS Plan: Plan 01													Reload Data
River	Reach	River Sta	Profile	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 (m ²)	Top Width (m)	Froude # Chl	
River 1	Reach 1-Lower1	638	PF 1	257.78	258.44	258.59	258.88	0.039719	2.91	1.29	3.62	1.55	
River 1	Reach 1-Lower1	638	PF 2	257.78	258.75	258.93	259.33	0.080265	3.38	3.31	13.07	2.14	
River 1	Reach 1-Lower1	616	PF 1	257.61	258.03	258.03	258.12	0.023810	1.31	2.87	19.35	1.08	
River 1	Reach 1-Lower1	616	PF 2	257.61	258.17	258.20	258.36	0.023164	1.92	5.83	21.63	1.18	
River 1	Reach 1-Lower1	585	PF 1	255.34	255.73	255.98	256.65	0.111964	4.26	0.88	3.05	2.53	
River 1	Reach 1-Lower1	585	PF 2	255.34	256.17	256.63	257.23	0.052844	4.57	2.45	4.05	1.88	
River 1	Reach 1-Lower1	567	PF 1	254.59	255.63	255.63	255.86	0.017189	2.16	1.74	3.78	1.01	
River 1	Reach 1-Lower1	567	PF 2	254.59	256.29	256.30	256.48	0.017316	1.93	5.79	16.19	1.03	
River 1	Reach 1-Lower	544	PF 1	253.98	254.55	254.80	255.35	0.074105	3.96	0.98	2.60	2.06	
River 1	Reach 1-Lower	544	PF 2	253.98	255.05	255.49	256.02	0.045667	4.35	2.72	4.30	1.74	
River 1	Reach 1-Lower	515	PF 1	253.49	254.17	254.17	254.40	0.015760	2.14	1.81	3.93	1.01	
River 1	Reach 1-Lower	515	PF 2	253.49	254.79	254.81	254.95	0.019574	1.72	6.87	25.87	1.07	
River 1	Reach 1-Lower	474	PF 1	251.02	251.47	251.79	252.79	0.163410	5.10	0.76	2.64	3.04	
River 1	Reach 1-Lower	474	PF 2	251.02	251.90	252.32	253.37	0.082332	5.38	2.20	4.11	2.35	
River 1	Reach 1-Lower	439	PF 1	250.44	251.09	251.09	251.31	0.015662	2.08	1.86	4.26	1.01	
River 1	Reach 1-Lower	439	PF 2	250.44	251.54	251.59	251.96	0.016106	2.87	4.12	5.83	1.09	
River 1	Reach 1-Lower	411	PF 1	250.01	250.55	250.58	250.81	0.020120	2.26	1.72	4.28	1.14	
River 1	Reach 1-Lower	411	PF 2	250.01	250.97	251.07	251.45	0.019770	3.04	3.89	6.00	1.21	
River 1	Reach 1-Lower	381	PF 1	249.34	250.10	250.05	250.27	0.011236	1.84	2.11	4.47	0.85	
River 1	Reach 1-Lower	381	PF 2	249.34	250.60	250.60	250.88	0.014953	2.34	5.05	9.35	1.02	
River 1	Reach 1-Lower	341	PF 1	248.86	249.57	249.57	249.66	0.020220	1.34	2.90	16.48	1.02	
River 1	Reach 1-Lower	341	PF 2	248.86	249.69	249.77	249.98	0.037155	2.40	4.93	18.39	1.48	
River 1	Reach 1-Lower	311	PF 1	247.78	248.58	248.71	248.91	0.028478	2.54	1.53	3.97	1.31	

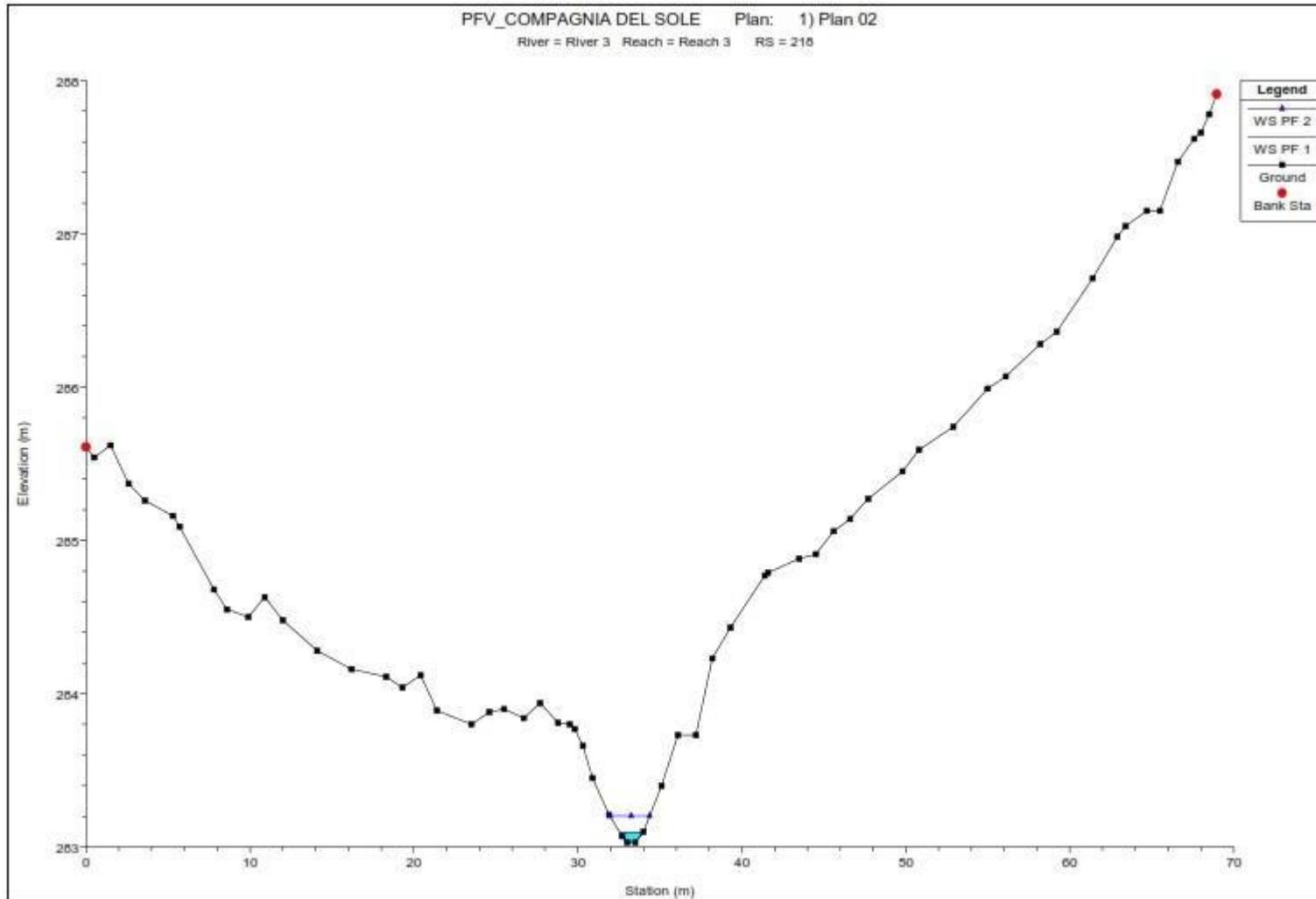
**PROGETTO REALIZZAZIONE IMPIANTO AGRI-VOLTAICO A TERRA "SANT'ARC.1" DELLA POTENZA NOMINALE DI
39.90 MW LOCALITÀ "MONTICELLI" NEL COMUNE DI SANT'ARCAANGELO
(Pz) NOTE INTEGRATIVE – STUDIO IDRAULICO**

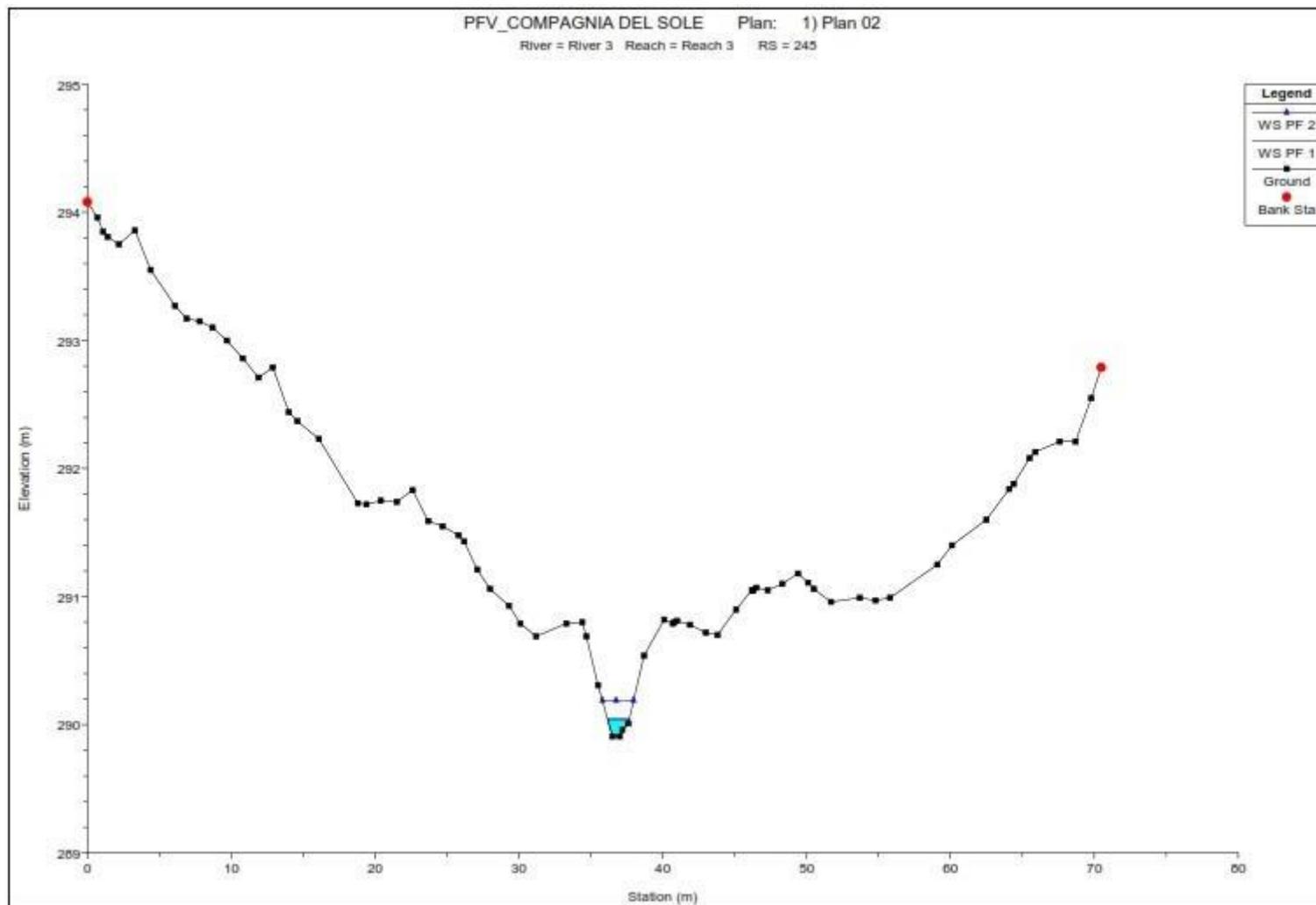
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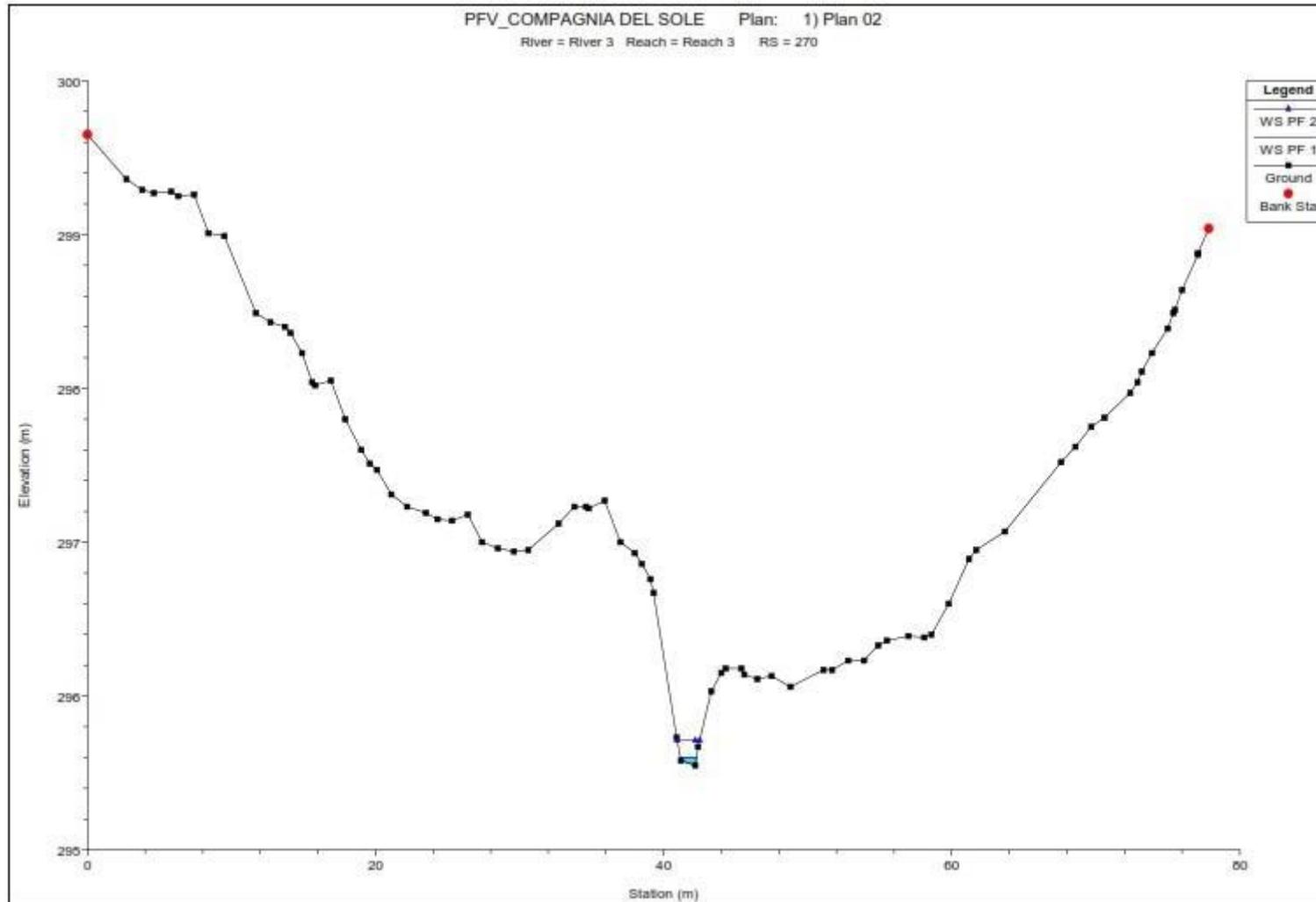
Profile Output Table - Standard Table 1

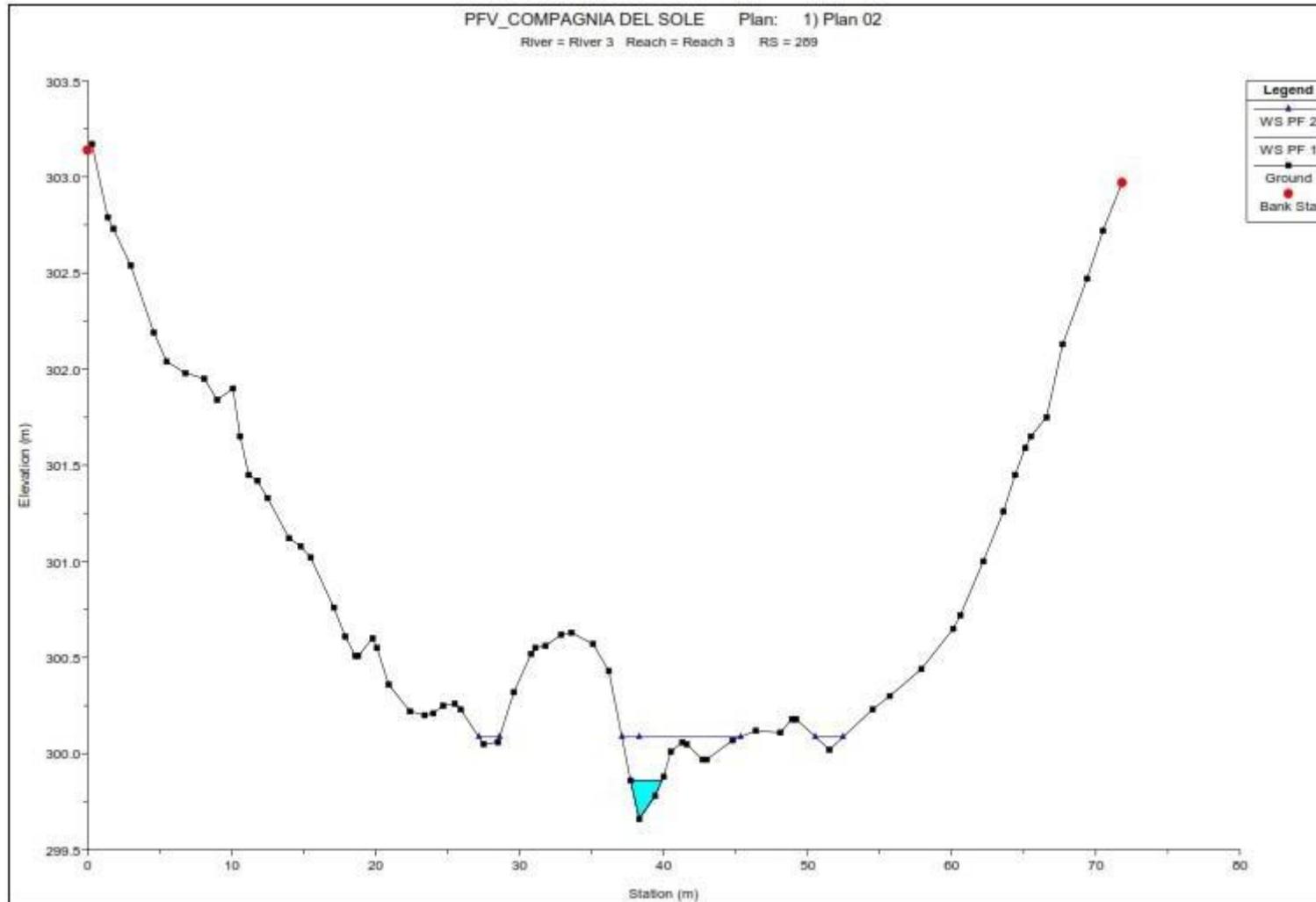
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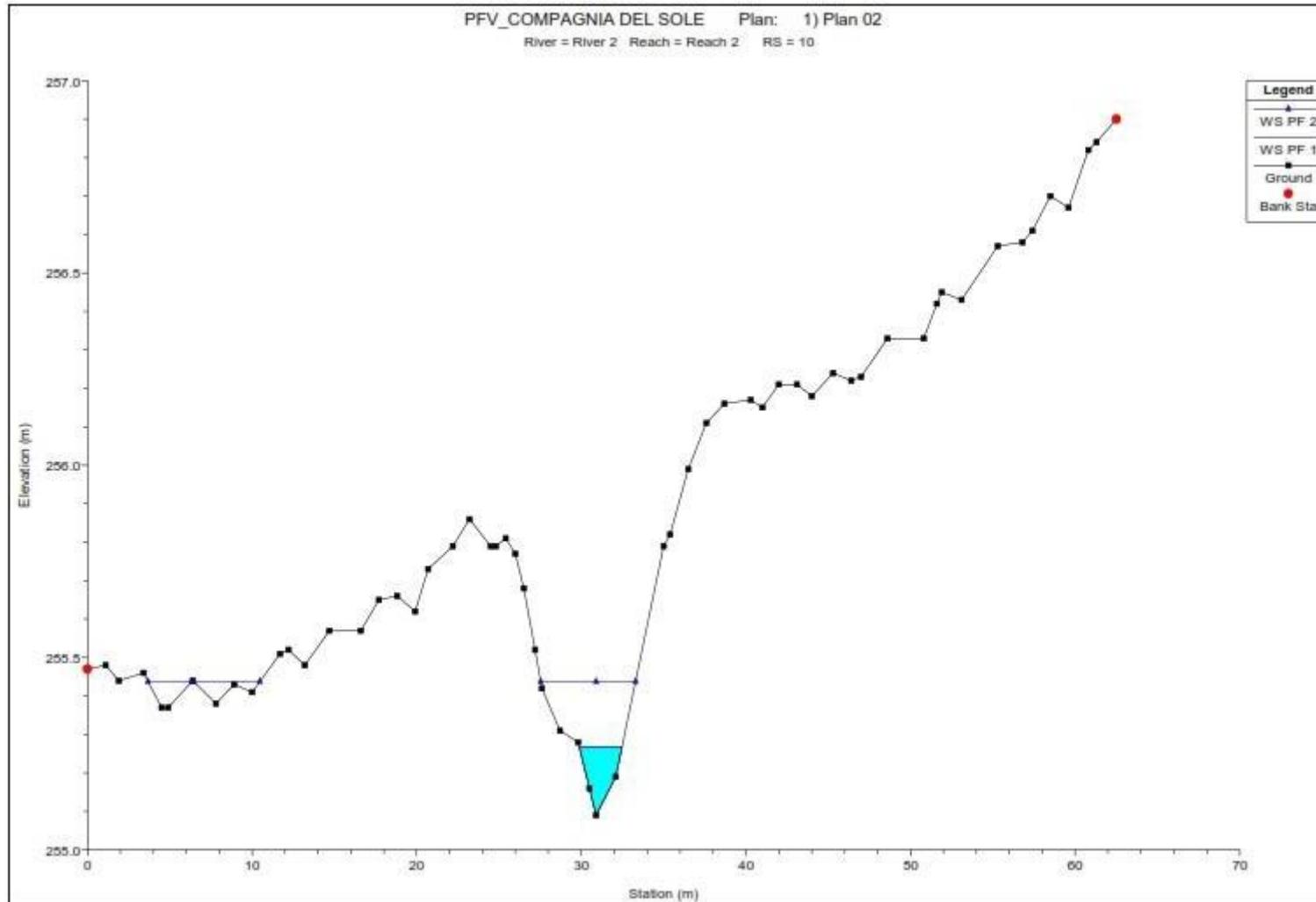
HEC-RAS Plan: Plan 01												
River	Reach	River Sta	Profile	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
River 1	Reach 1-Lower	411	PF 2	250.01	250.97	251.07	251.45	0.019770	3.04	3.89	6.00	1.21
River 1	Reach 1-Lower	381	PF 1	249.34	250.10	250.05	250.27	0.011236	1.84	2.11	4.47	0.85
River 1	Reach 1-Lower	381	PF 2	249.34	250.60	250.60	250.88	0.014953	2.34	5.05	9.35	1.02
River 1	Reach 1-Lower	341	PF 1	248.86	249.57	249.57	249.66	0.020220	1.34	2.90	16.48	1.02
River 1	Reach 1-Lower	341	PF 2	248.86	249.69	249.77	249.98	0.037155	2.40	4.93	18.39	1.48
River 1	Reach 1-Lower	311	PF 1	247.78	248.58	248.71	248.91	0.028478	2.54	1.53	3.97	1.31
River 1	Reach 1-Lower	311	PF 2	247.78	248.91	248.94	249.13	0.020796	2.10	5.64	16.54	1.15
River 1	Reach 1-Lower	268	PF 1	247.04	247.80	247.80	247.90	0.019980	1.41	2.75	14.45	1.03
River 1	Reach 1-Lower	268	PF 2	247.04	247.98	248.00	248.15	0.024698	1.83	6.45	26.82	1.19
River 1	Reach 1-Lower	221	PF 1	245.08	245.59	245.77	246.21	0.077598	3.48	1.11	3.94	2.10
River 1	Reach 1-Lower	221	PF 2	245.08	246.04	246.26	246.76	0.033255	3.75	3.16	5.06	1.52
River 1	Reach 1-Lower	181	PF 1	243.40	244.19	244.24	244.44	0.025072	2.22	1.74	5.04	1.20
River 1	Reach 1-Lower	181	PF 2	243.40	244.43	244.69	245.18	0.046415	3.82	3.10	6.29	1.73
River 1	Reach 1-Lower	143	PF 1	241.96	242.41	242.59	243.00	0.059260	3.38	1.14	3.36	1.85
River 1	Reach 1-Lower	143	PF 2	241.96	243.22	243.22	243.45	0.016284	2.10	5.64	13.04	1.02
River 1	Reach 1-Lower	106	PF 1	241.63	241.98	241.98	242.08	0.018985	1.35	2.86	15.38	1.00
River 1	Reach 1-Lower	106	PF 2	241.63	242.07	242.19	242.46	0.050964	2.76	4.29	16.66	1.73
River 1	Reach 1-Lower	67	PF 1	238.58	239.24	239.57	240.43	0.123056	4.83	0.80	2.22	2.57
River 1	Reach 1-Lower	67	PF 2	238.58	239.97	240.43	240.82	0.033373	4.07	2.91	3.56	1.44
River 1	Reach 1-Lower	37	PF 1	237.78	239.09	238.64	239.18	0.003309	1.31	2.94	3.32	0.45
River 1	Reach 1-Lower	37	PF 2	237.78	239.13	239.64	239.88	0.027118	3.83	3.09	3.38	1.28
River 1	Reach 1-Lower	8	PF 1	238.55	238.88	238.88	238.98	0.018656	1.43	2.70	13.22	1.01
River 1	Reach 1-Lower	8	PF 2	238.55	239.12	239.12	239.30	0.015471	1.89	6.26	17.54	1.01

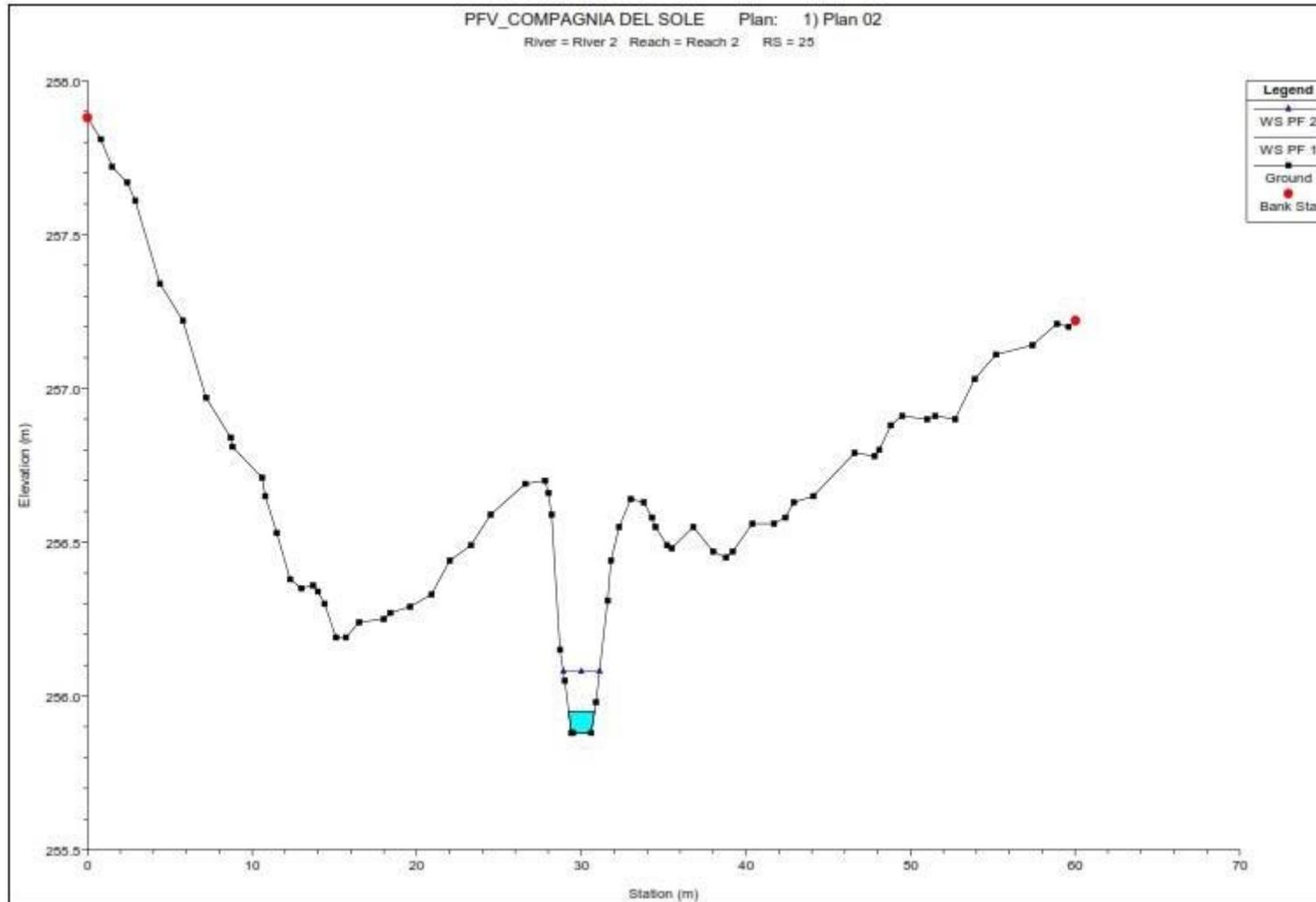


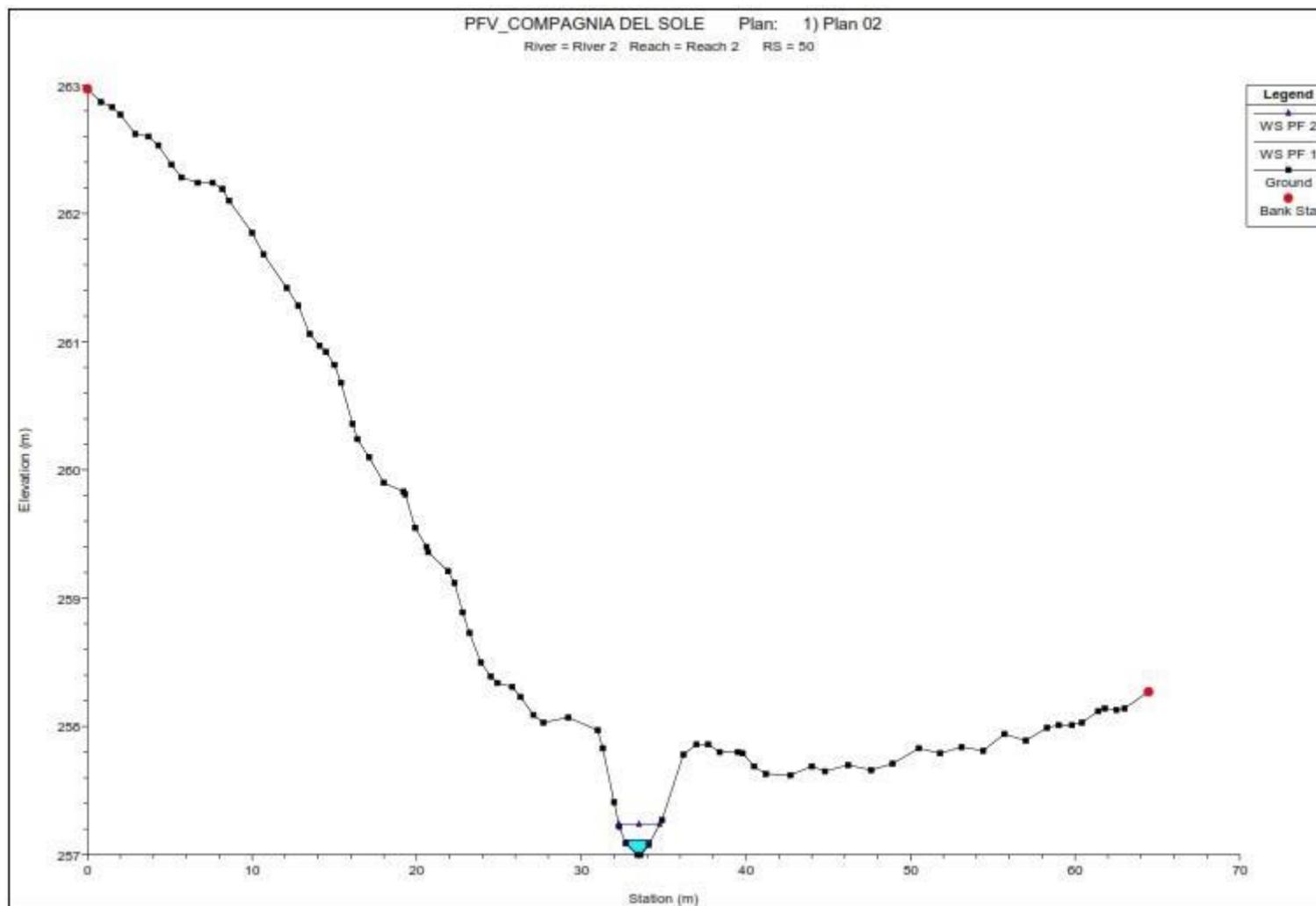


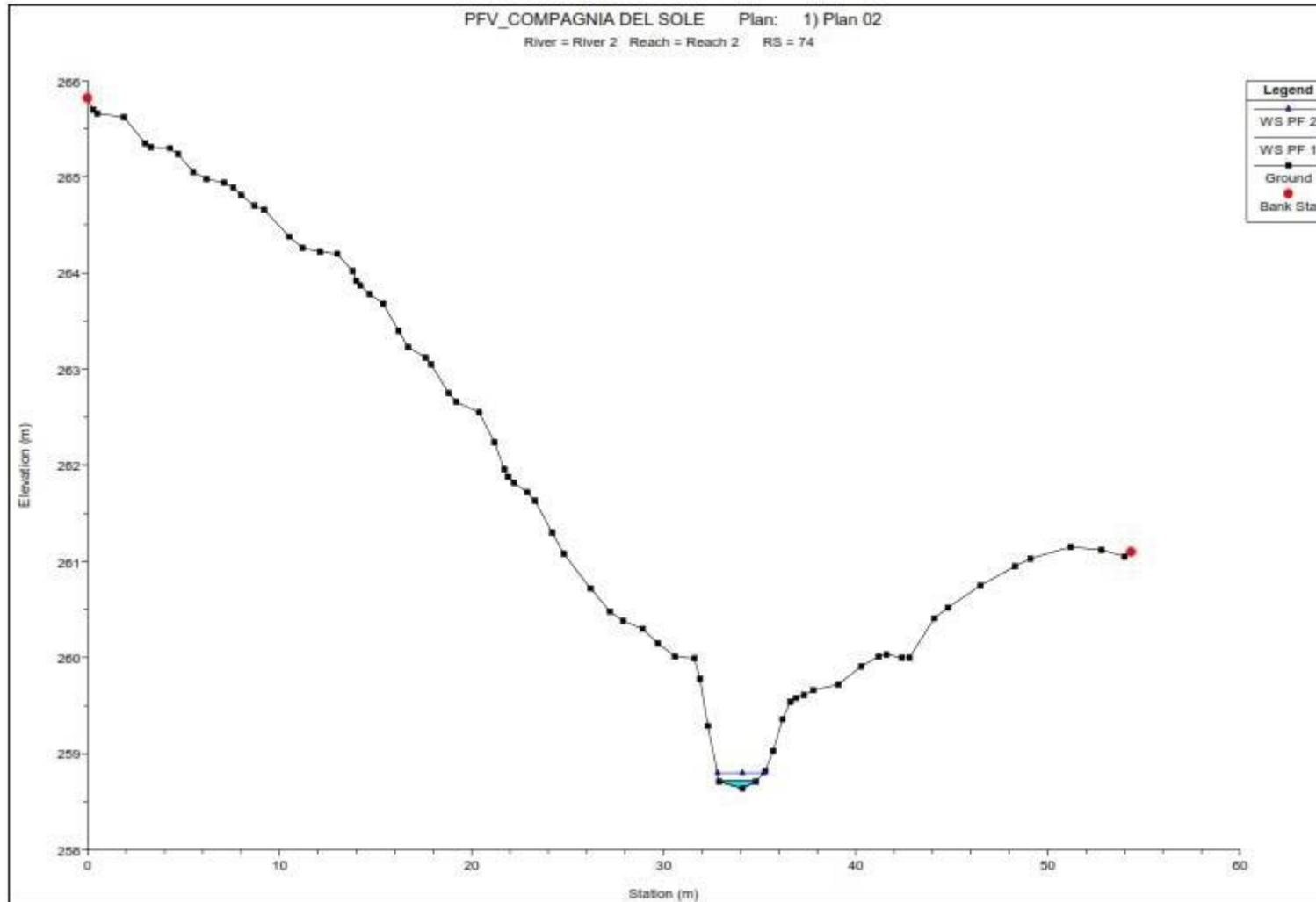


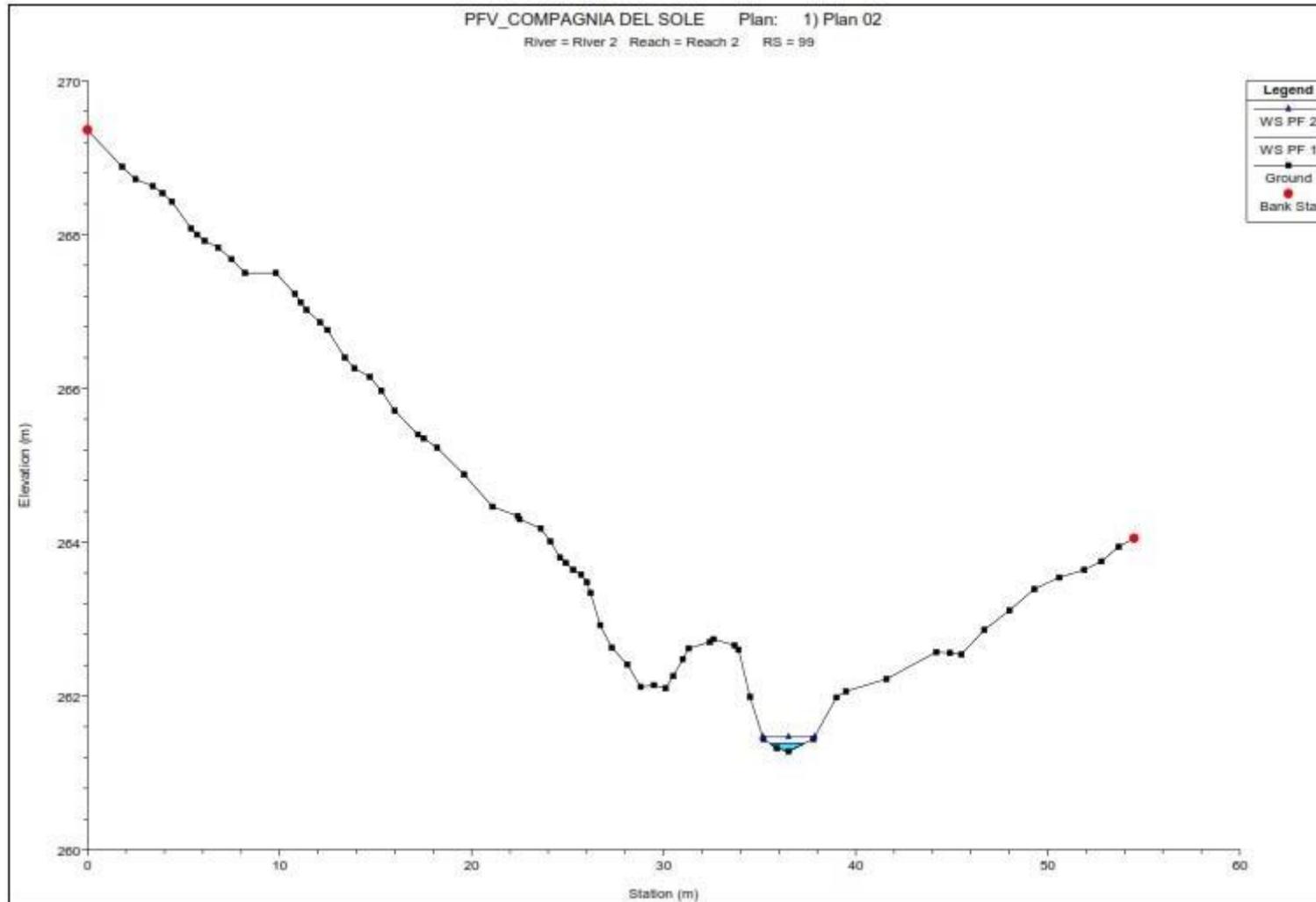


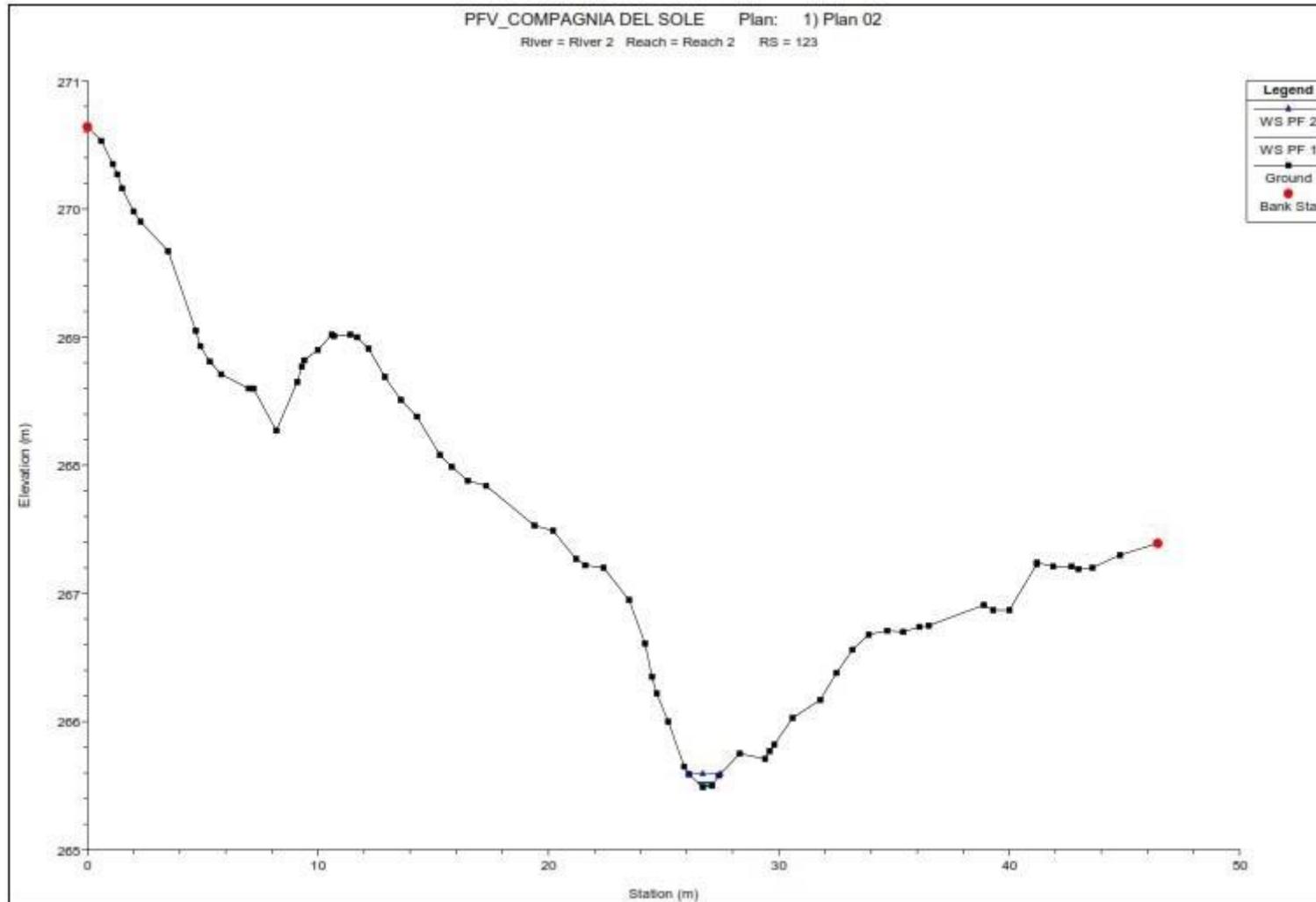


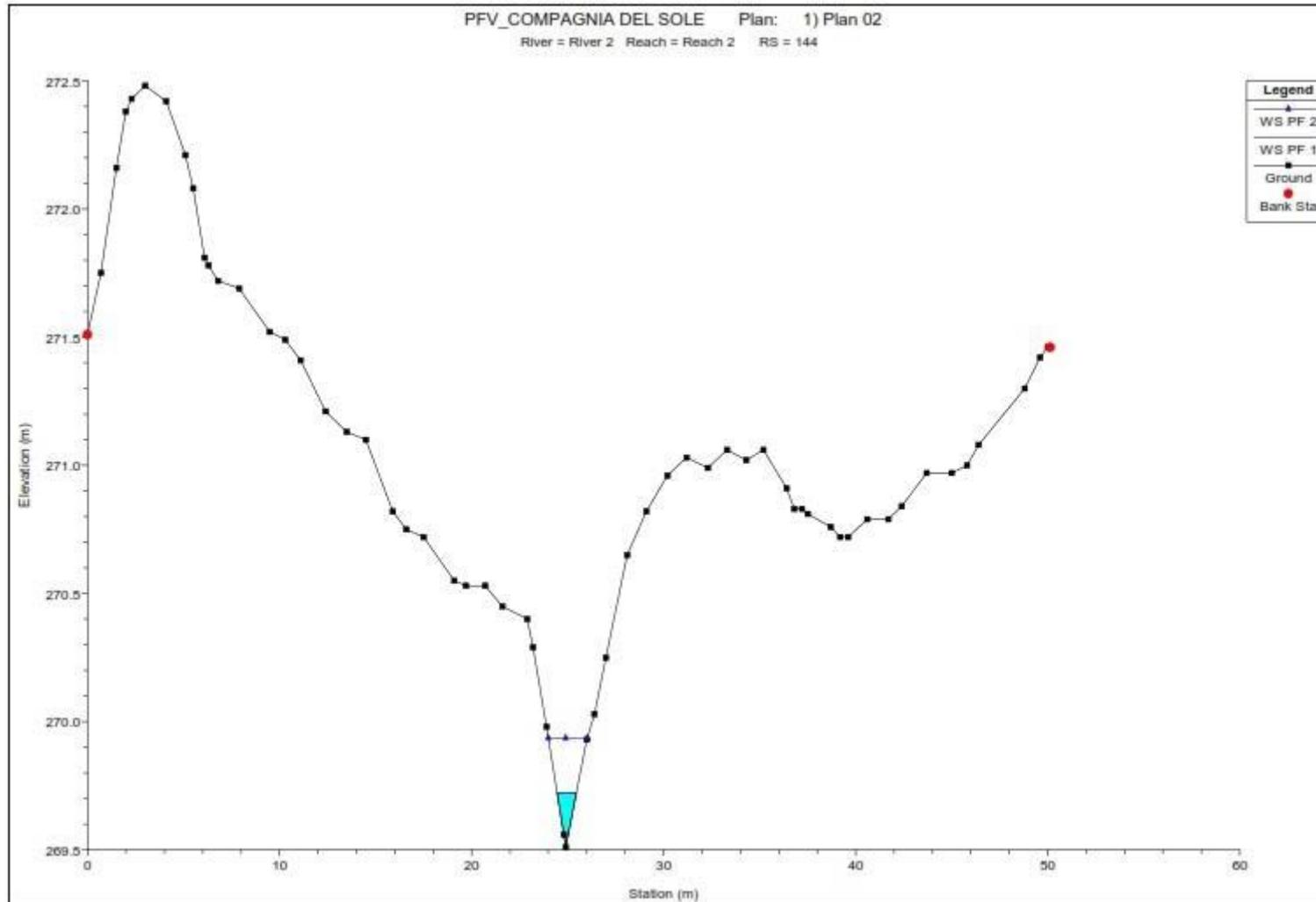


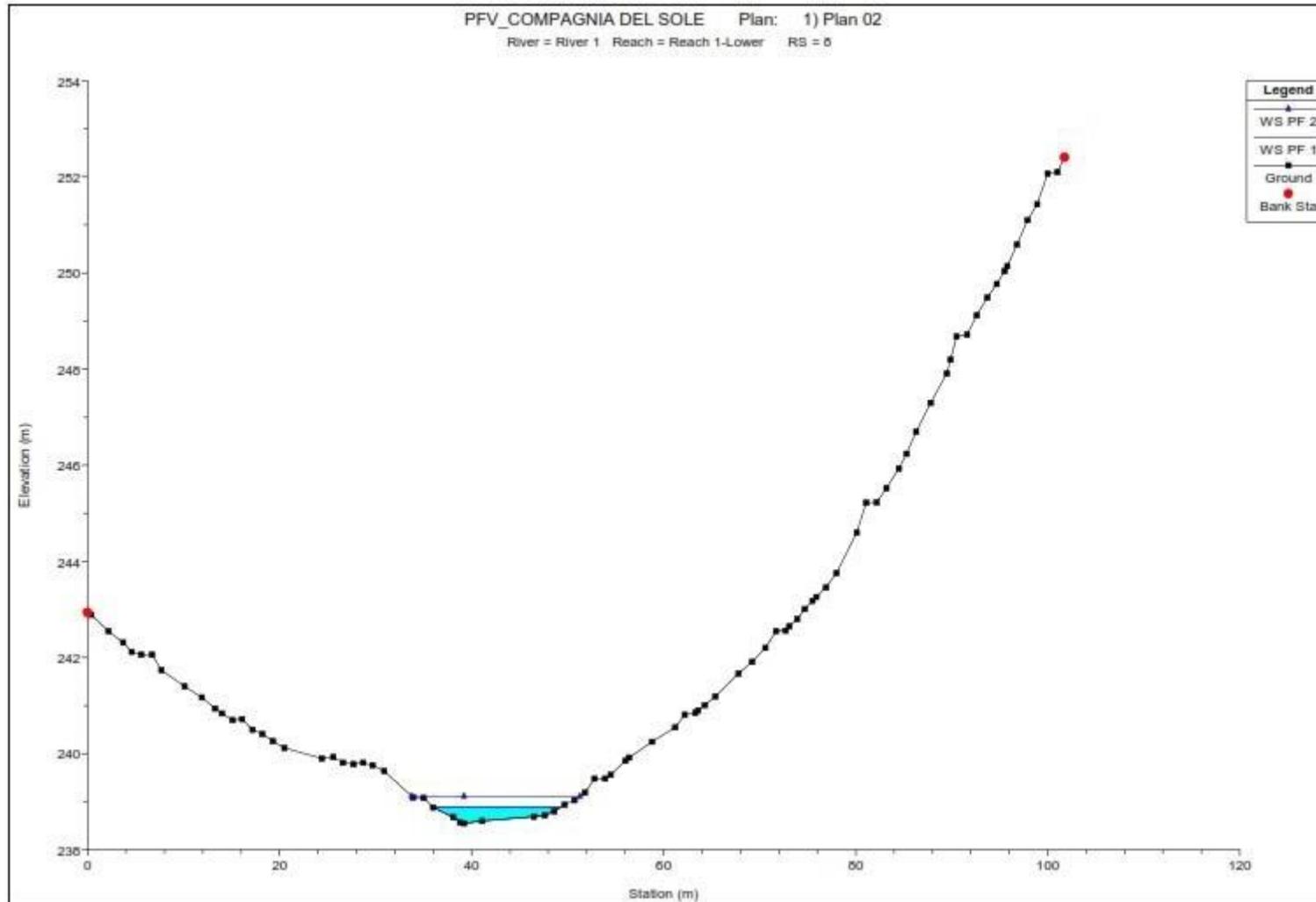


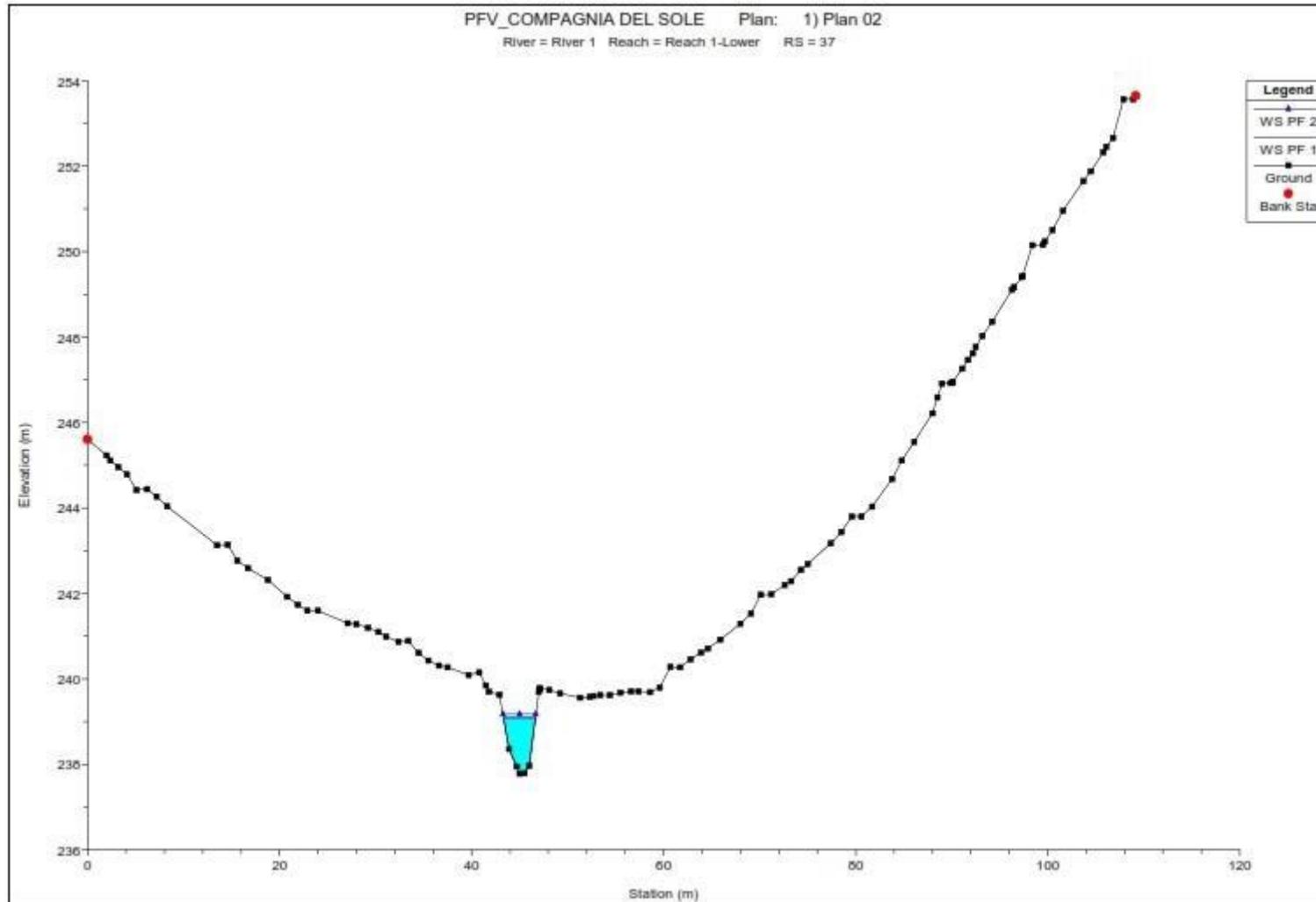


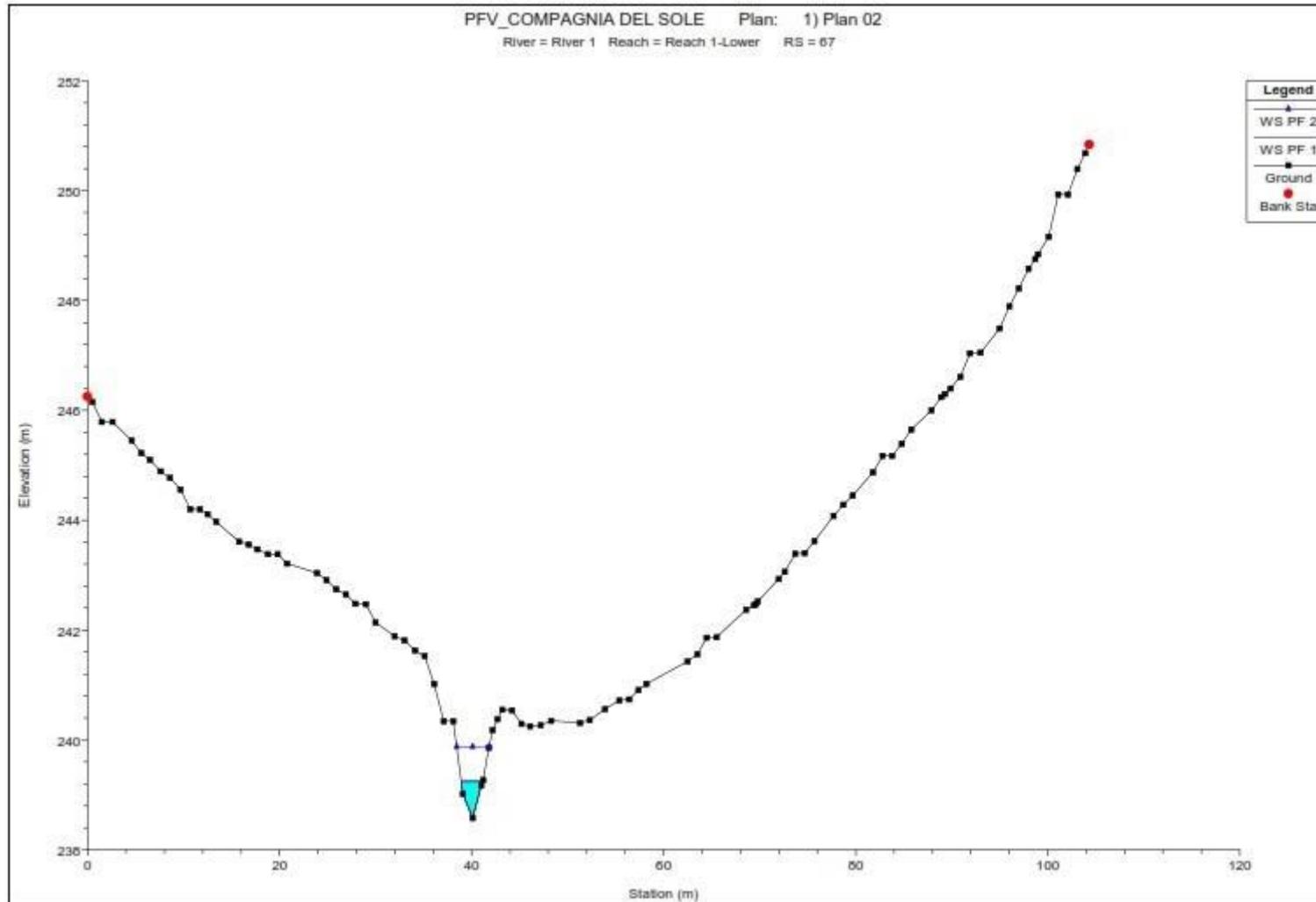


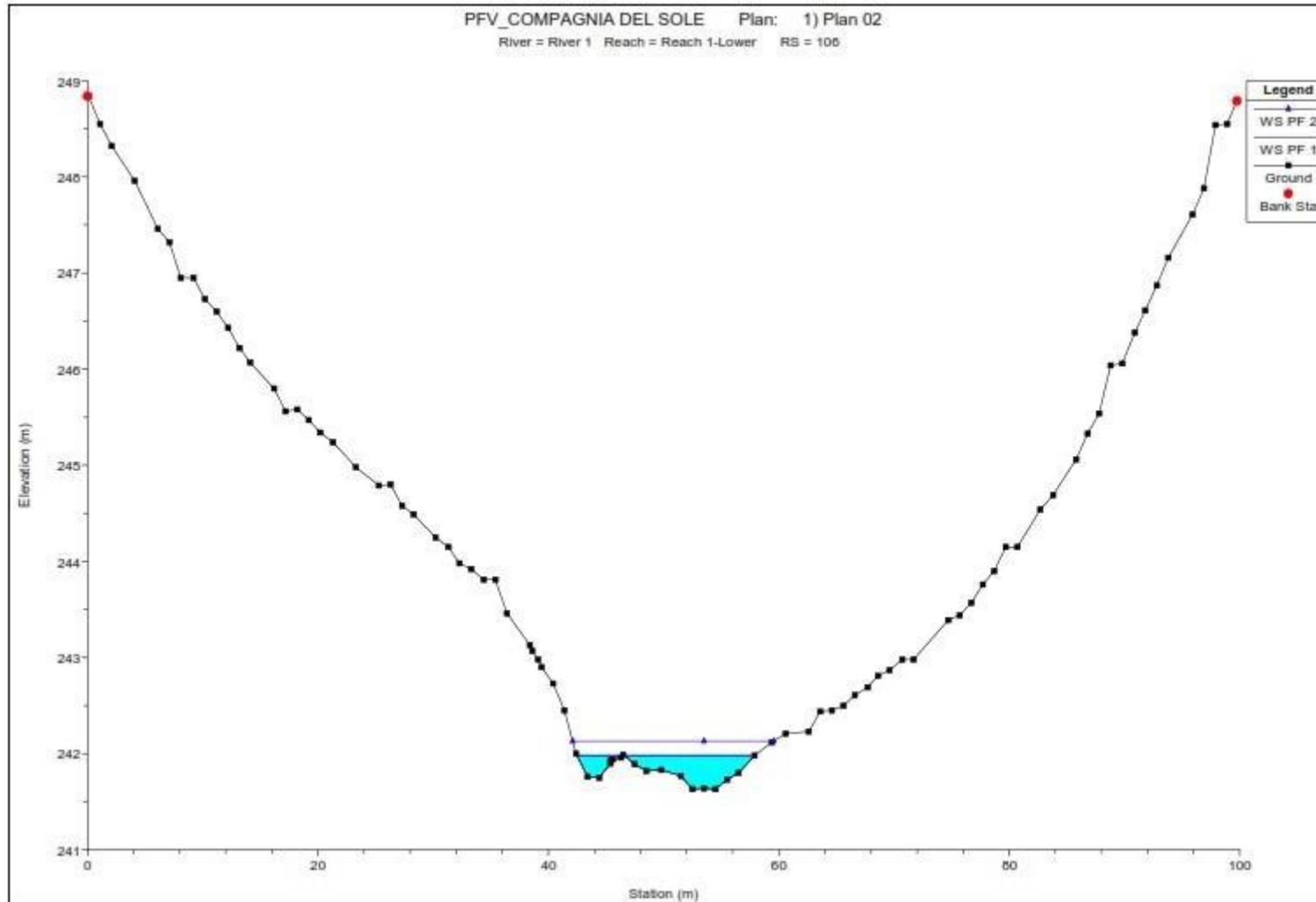


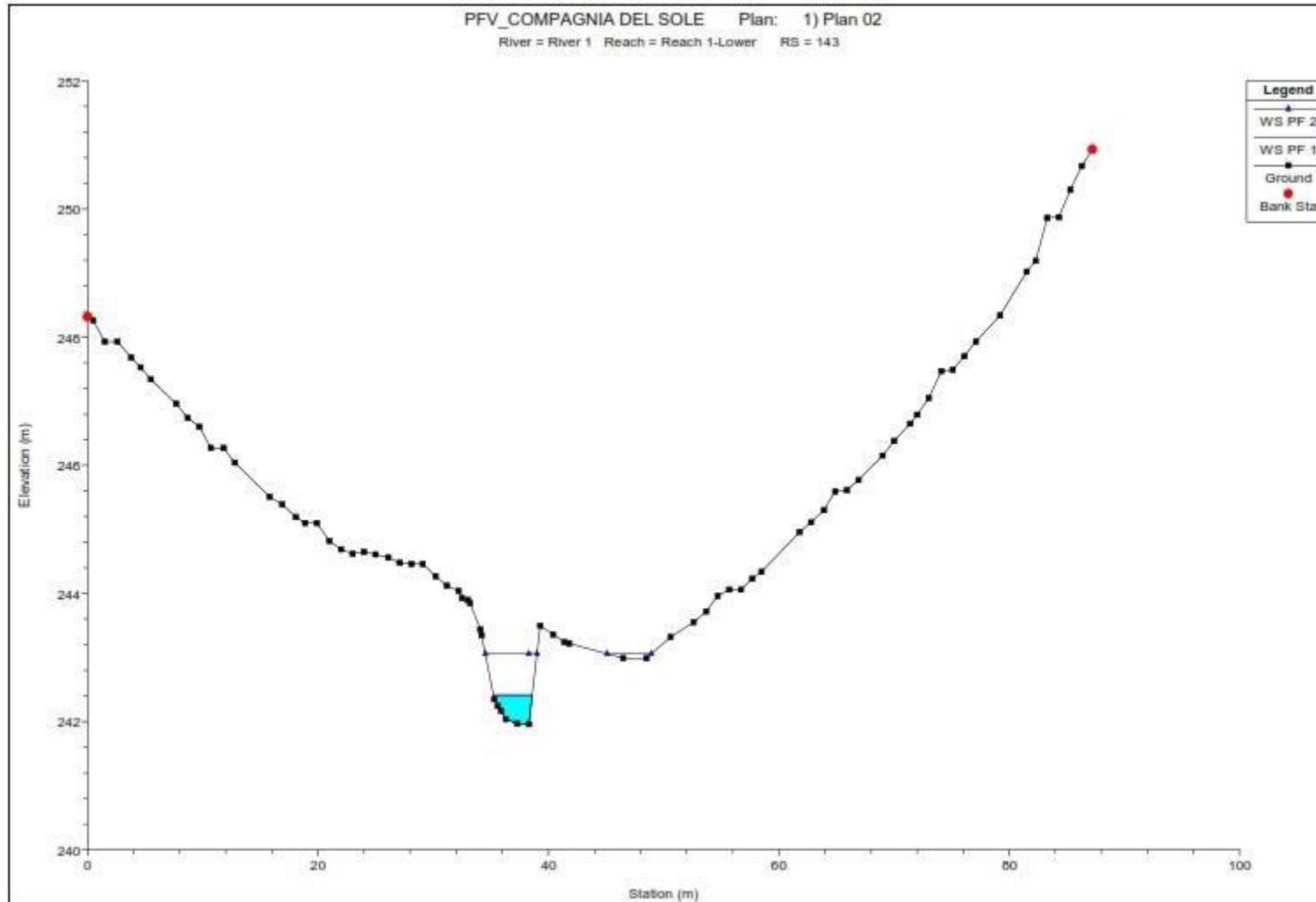


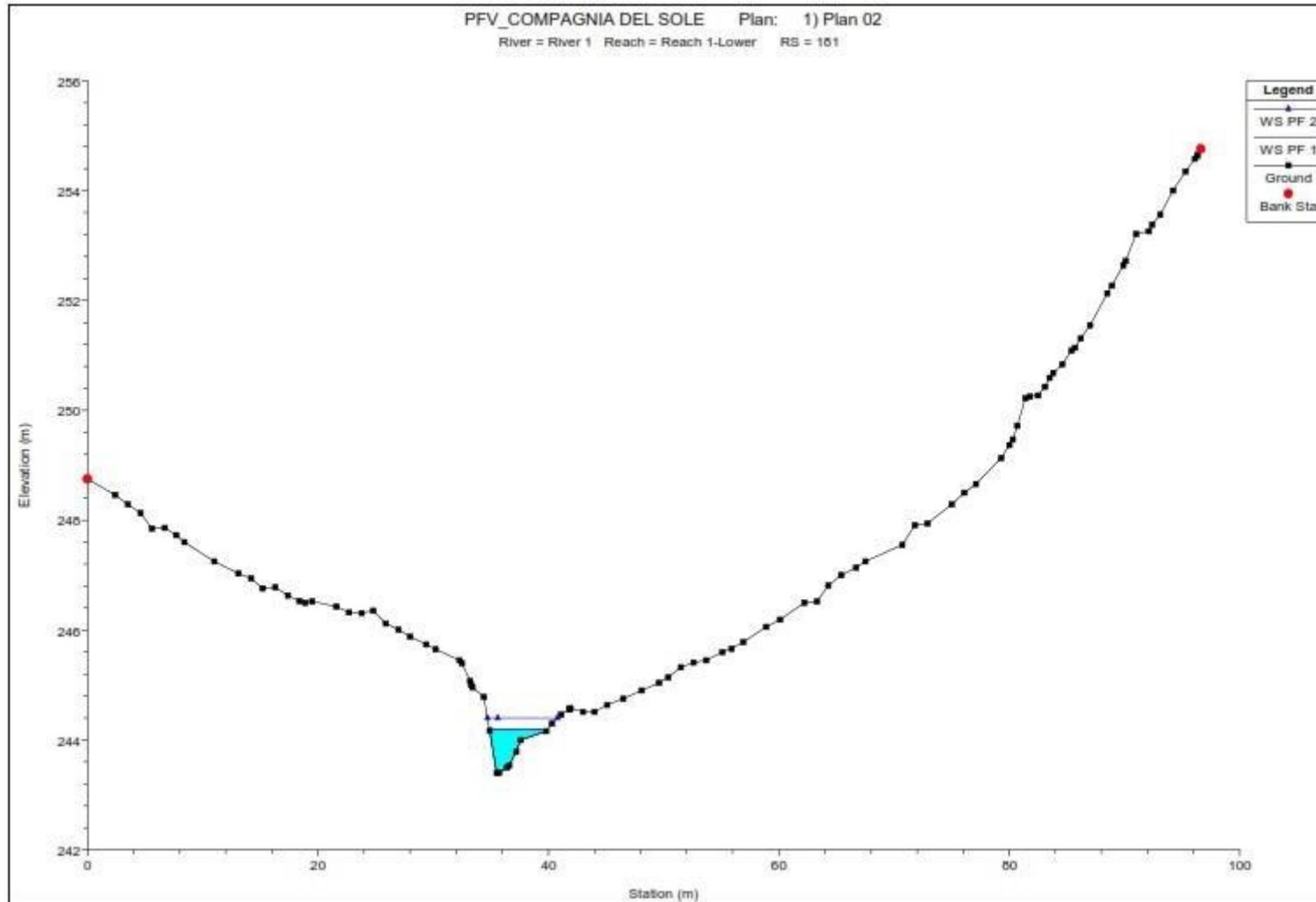


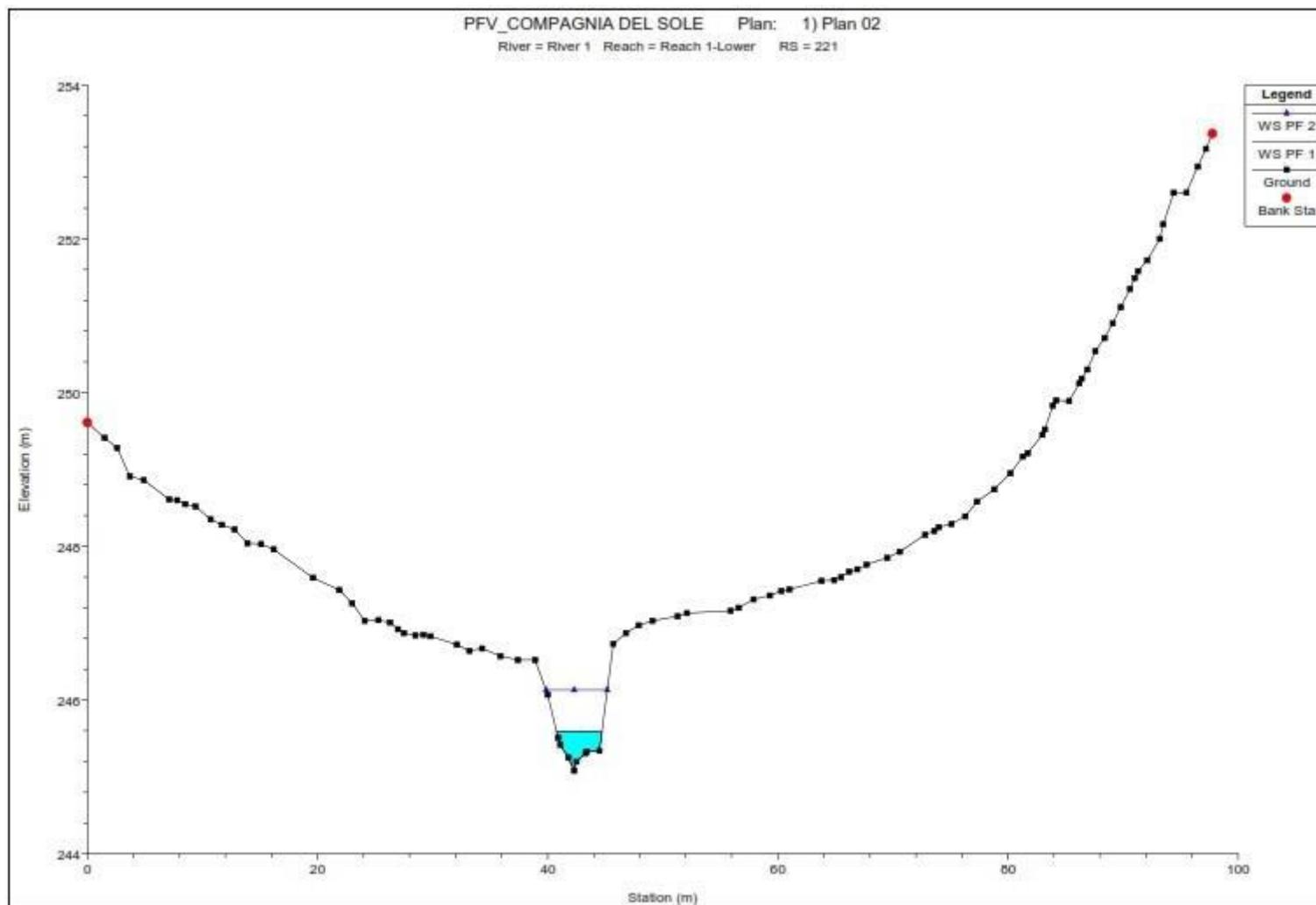


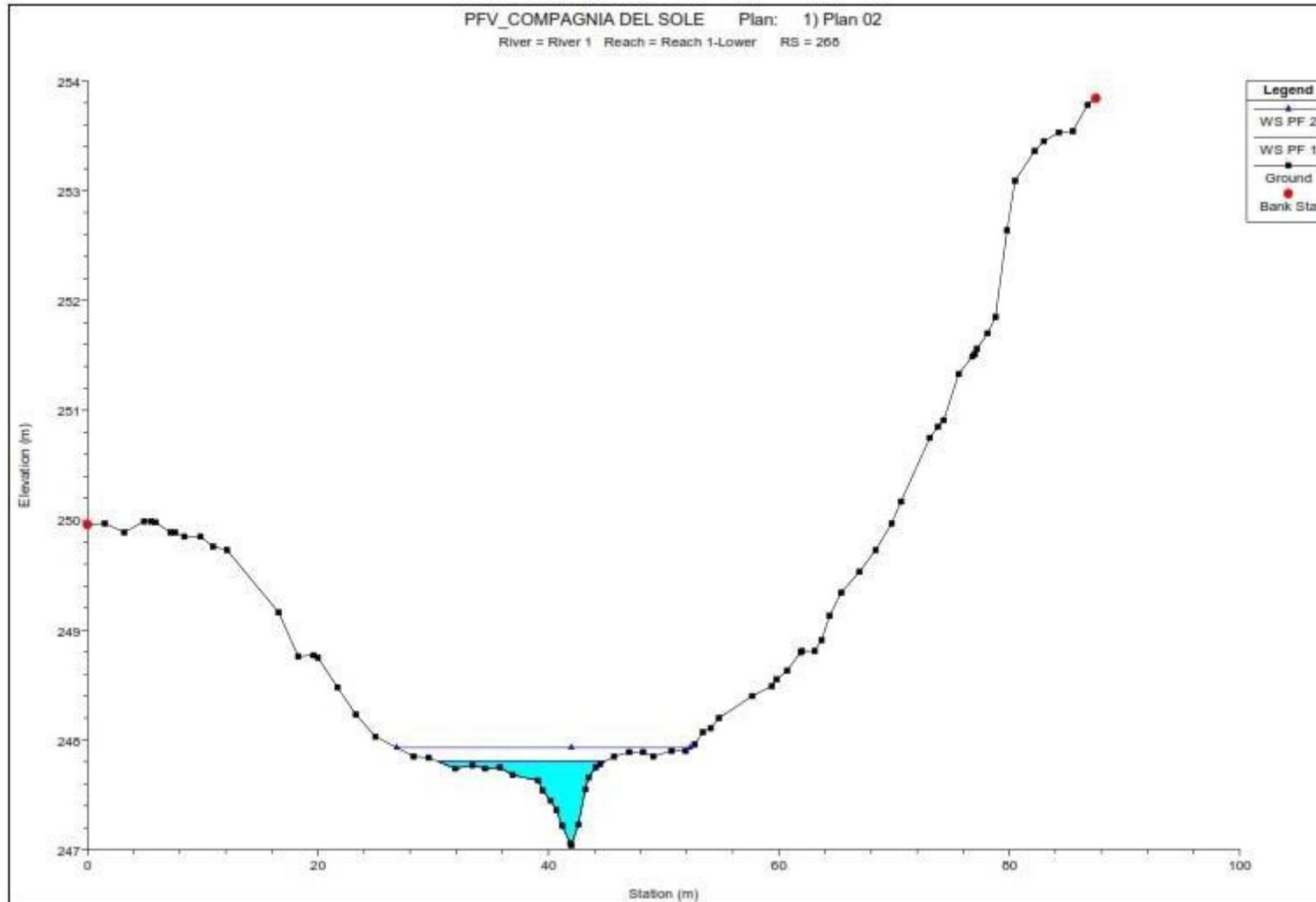


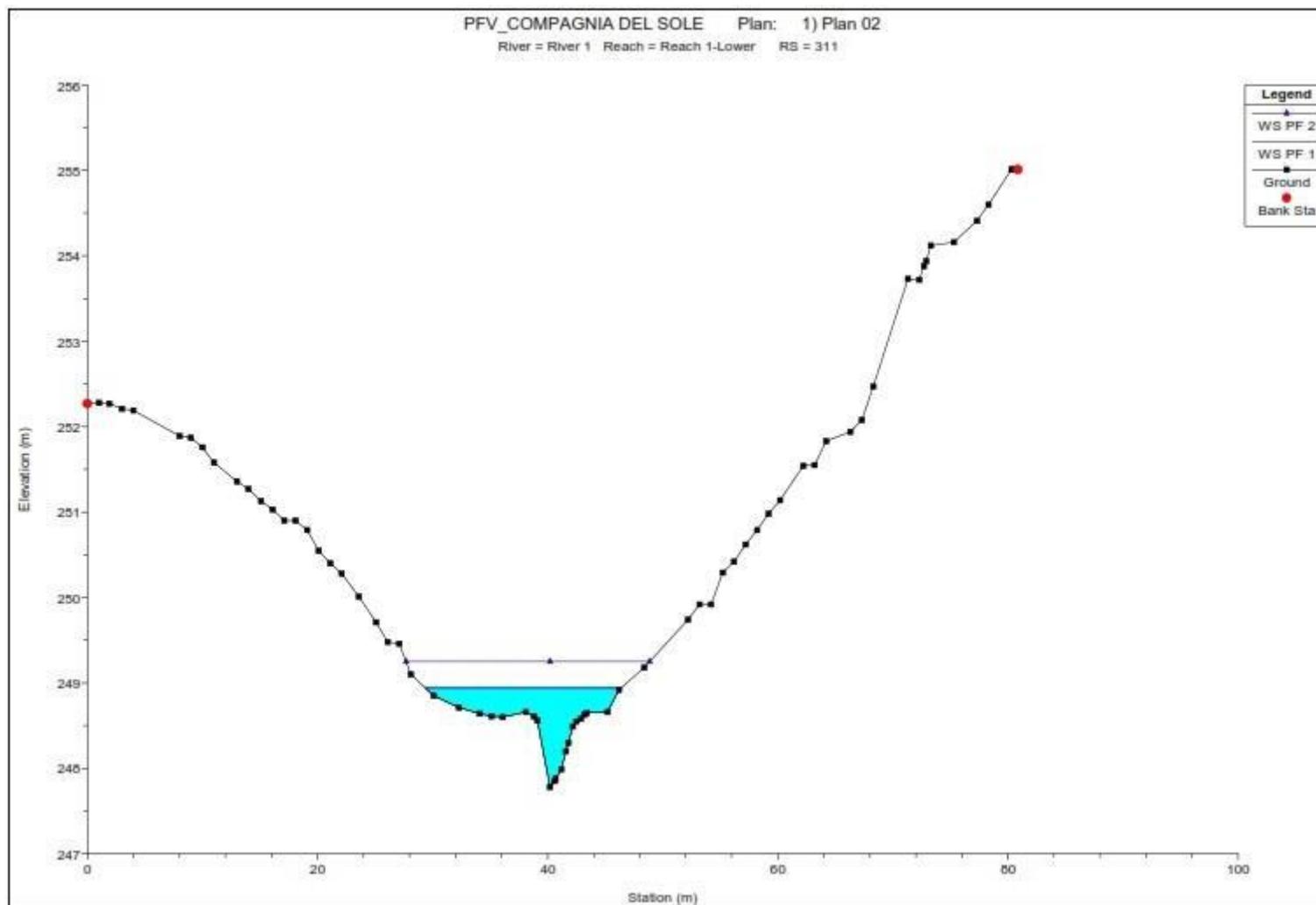


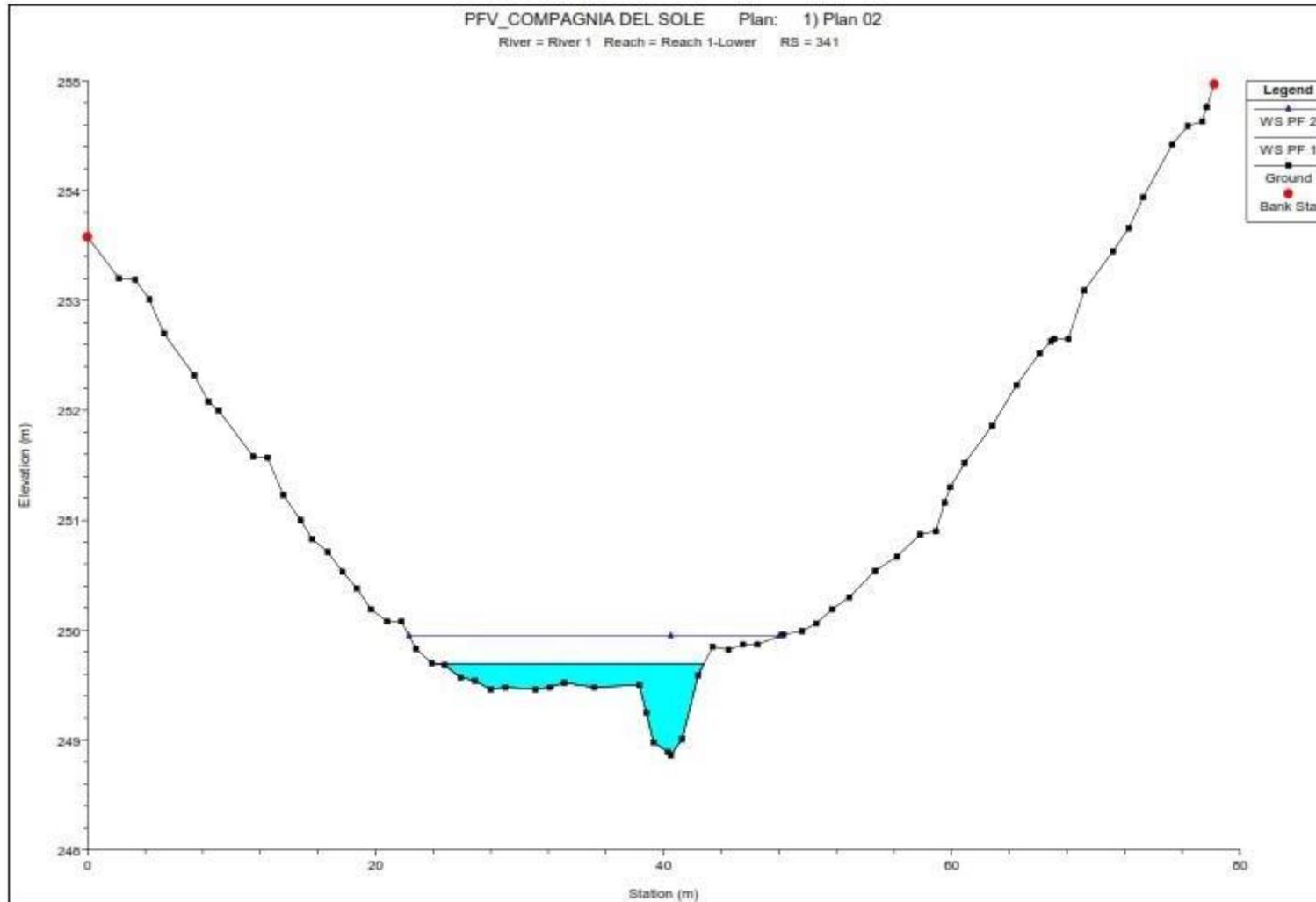


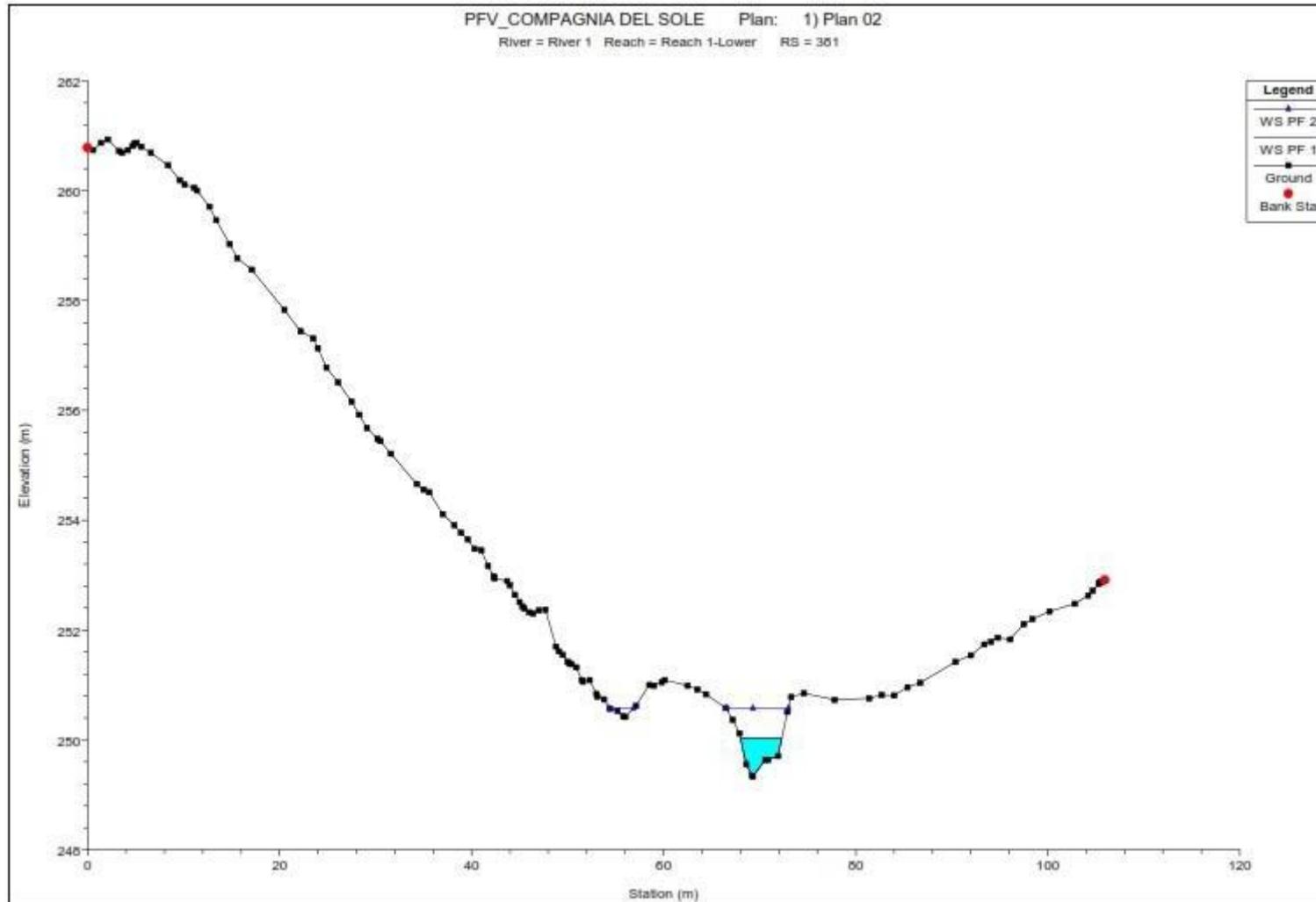


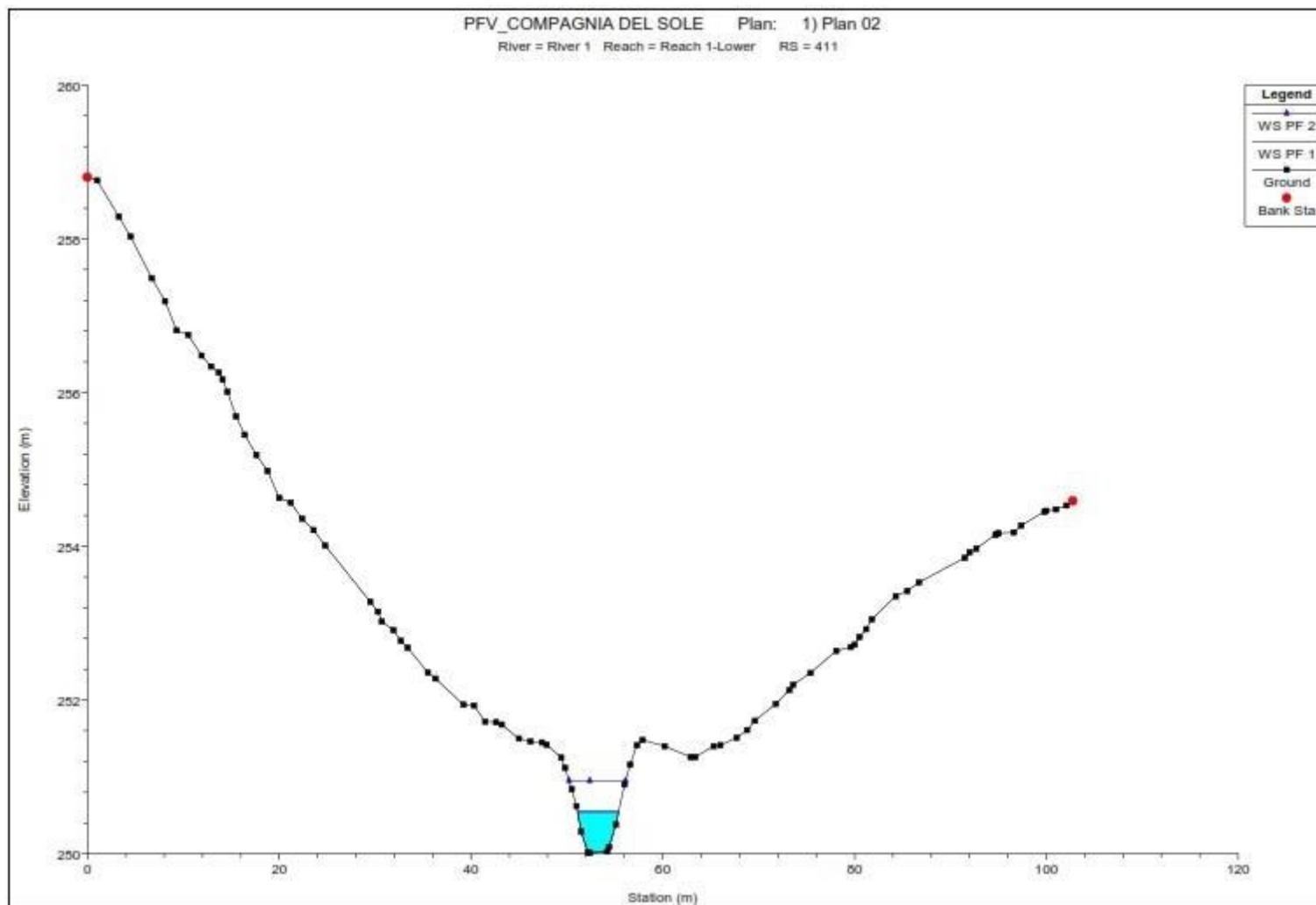


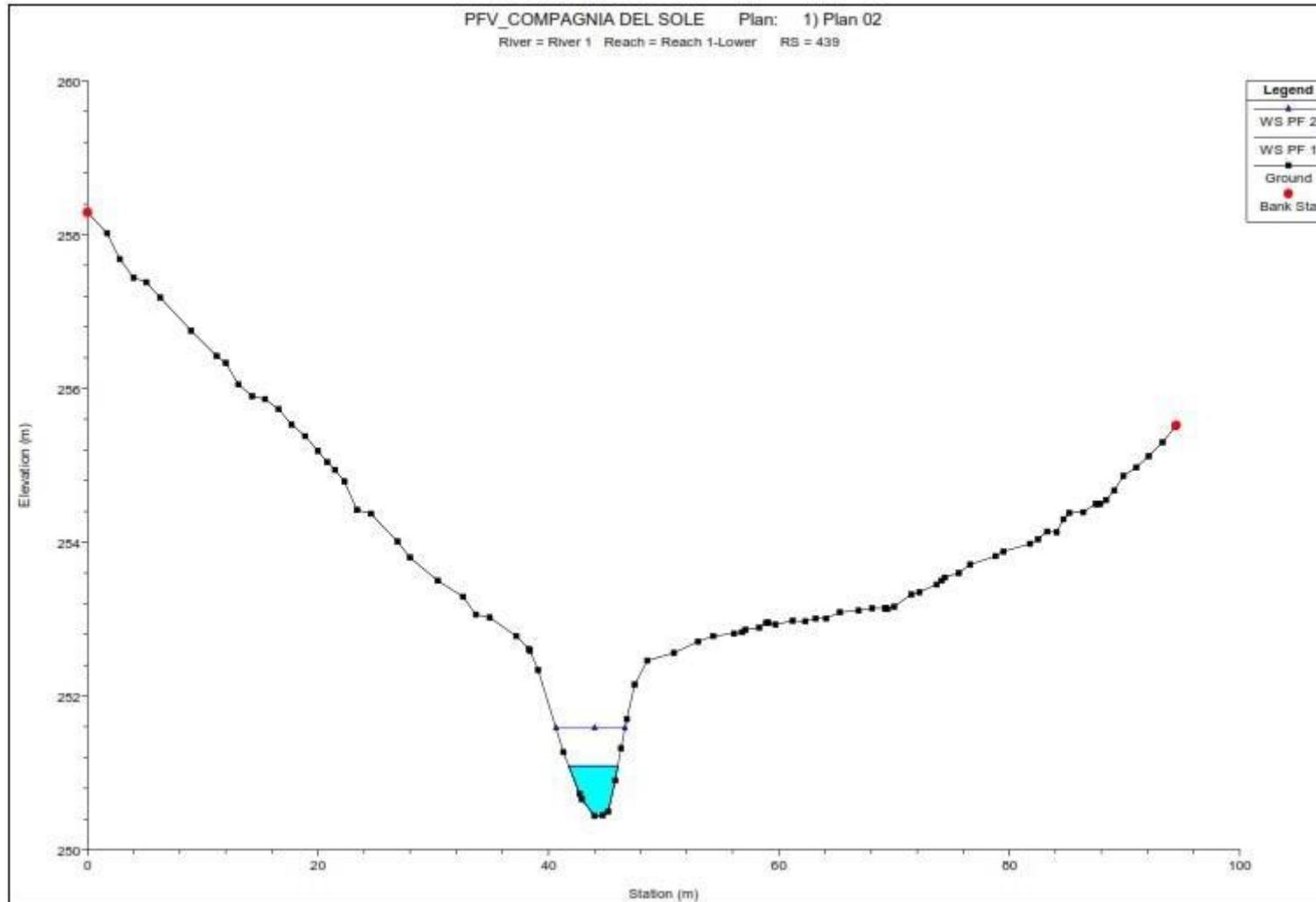


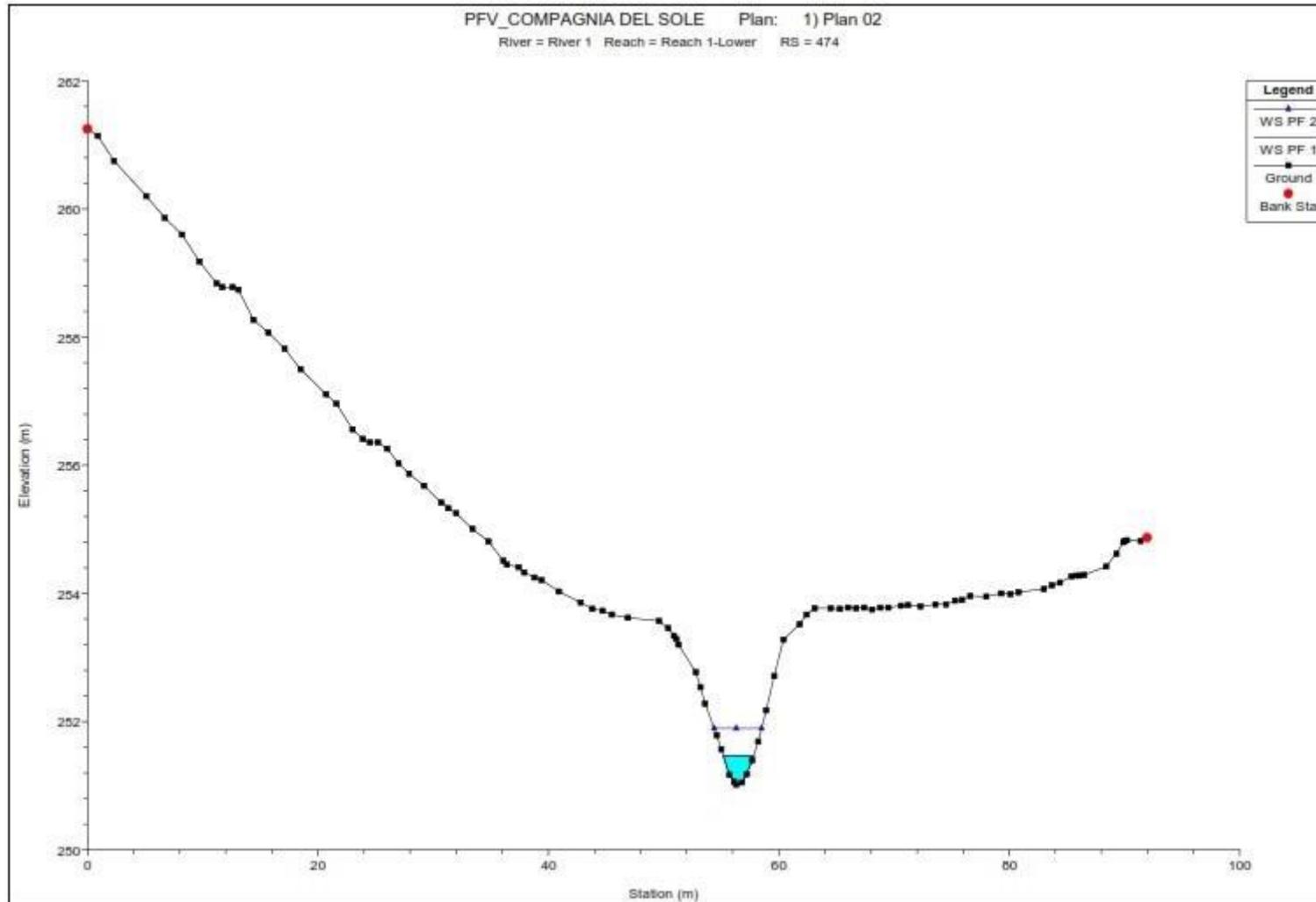


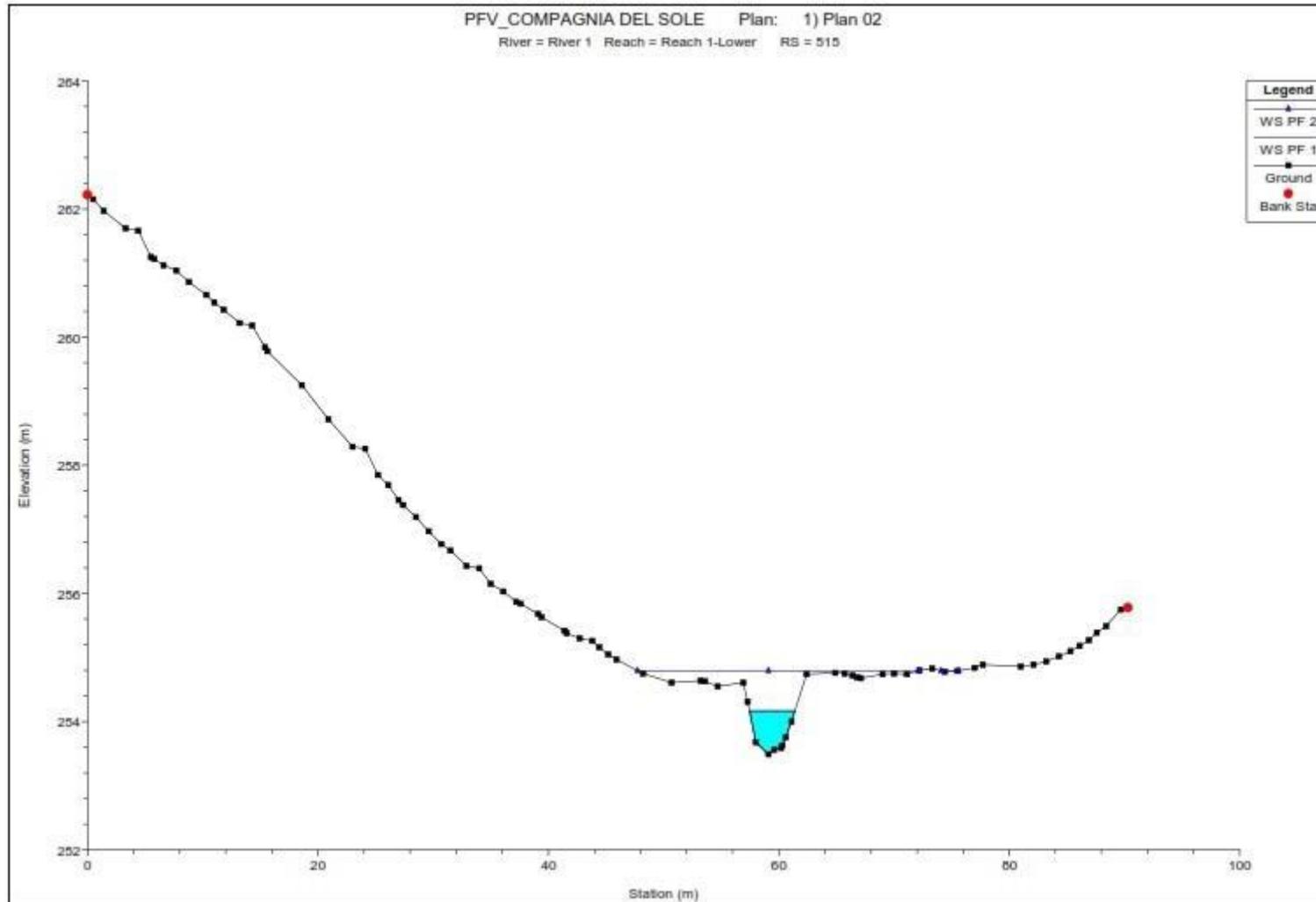


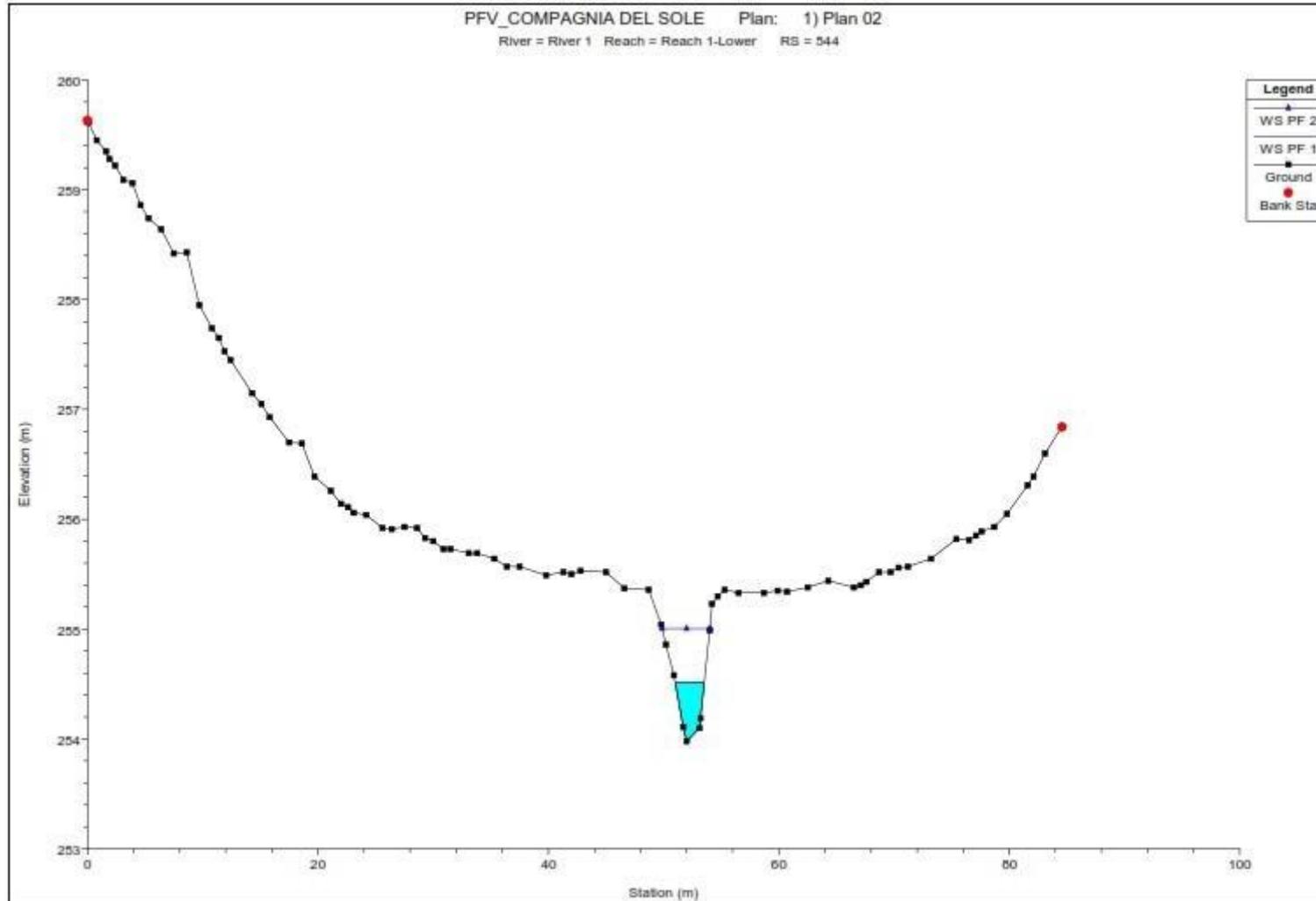


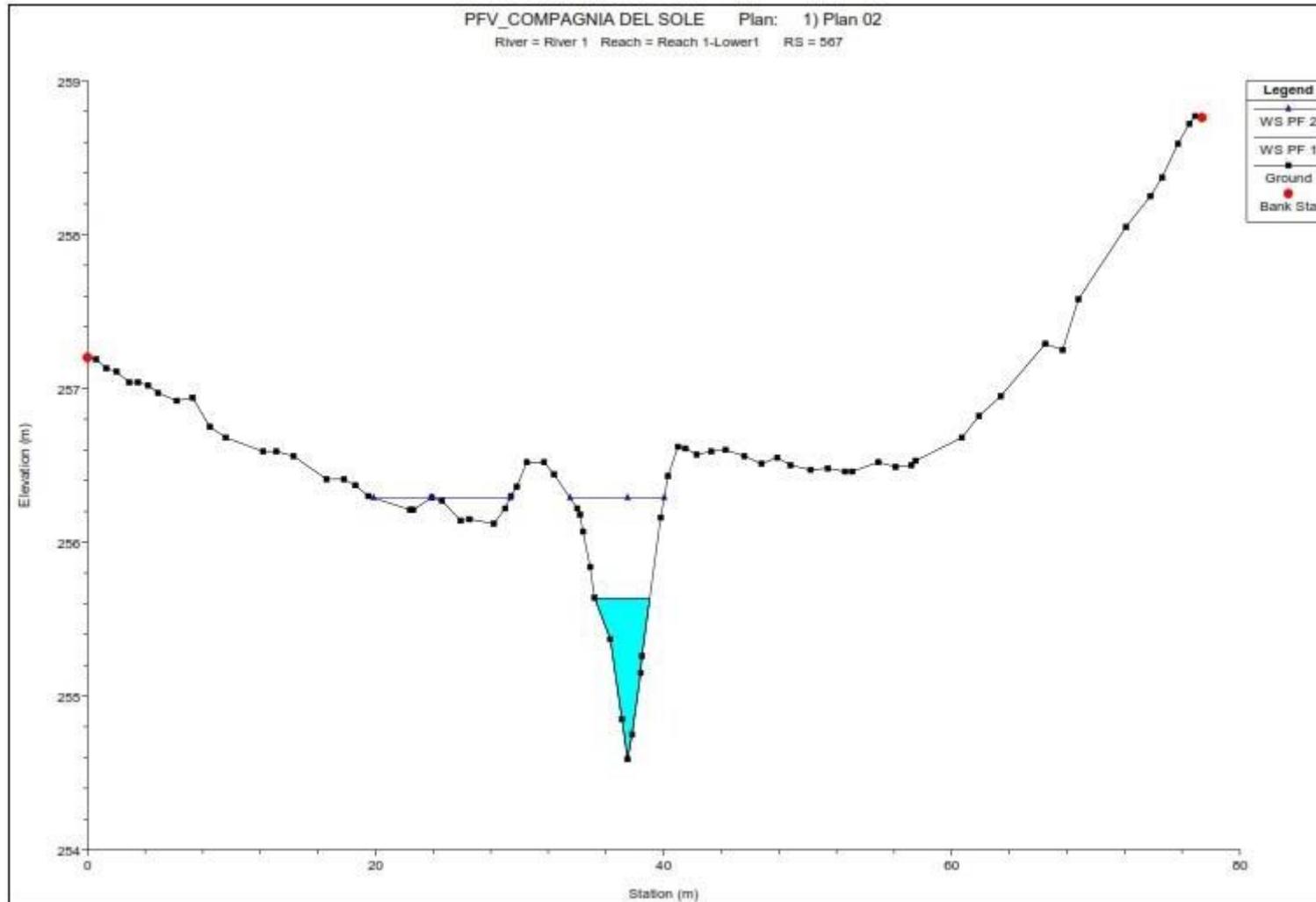


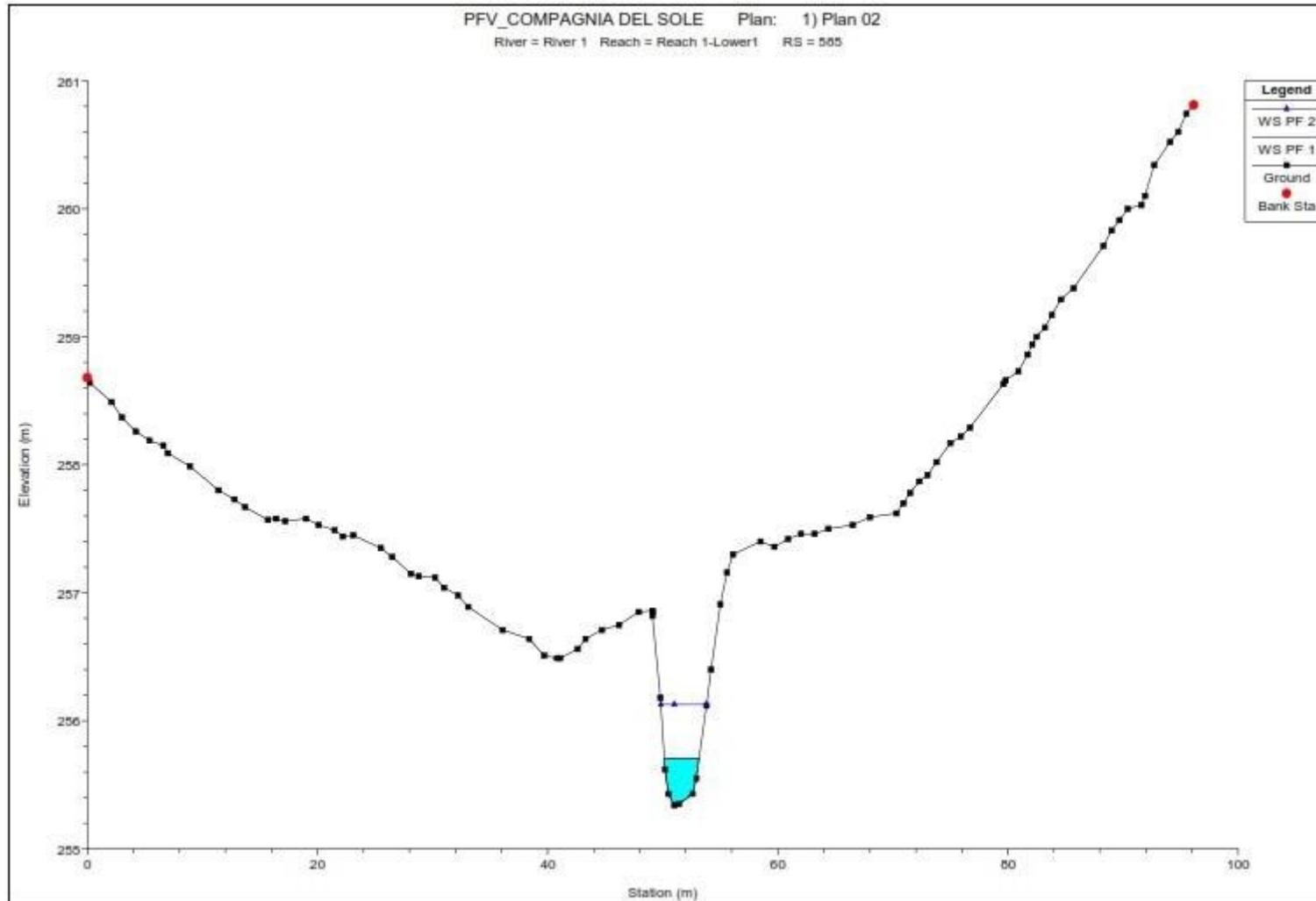


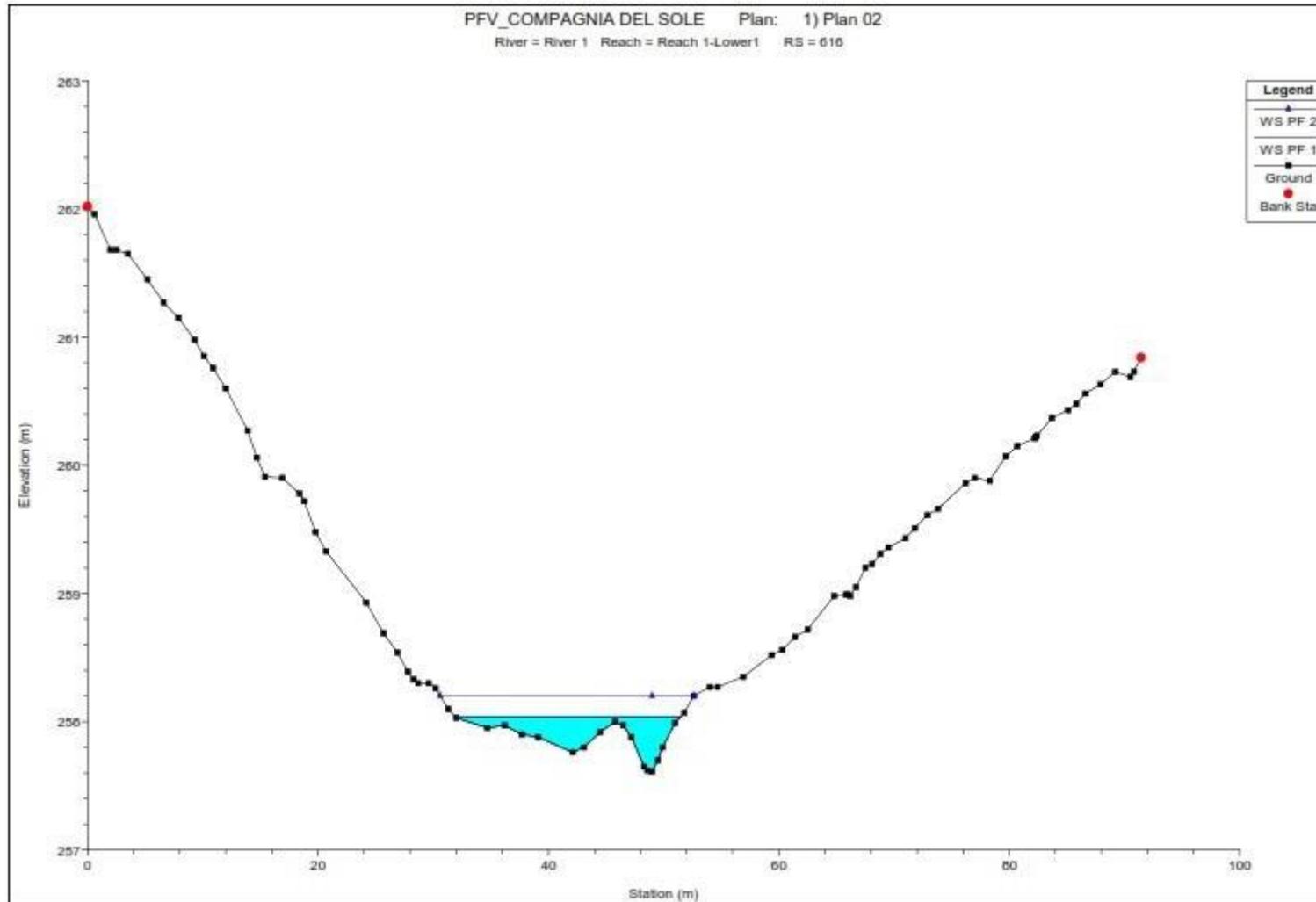


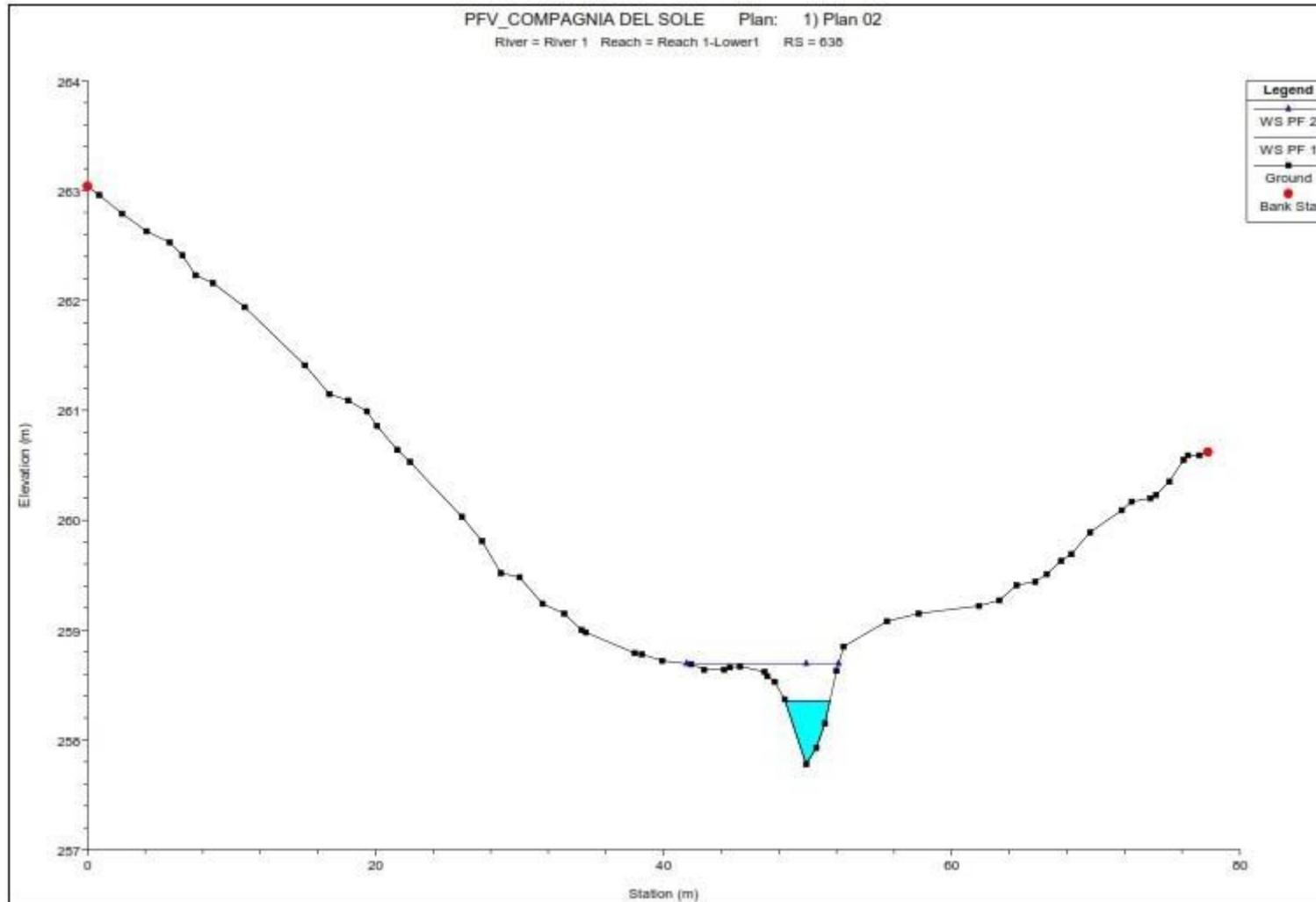


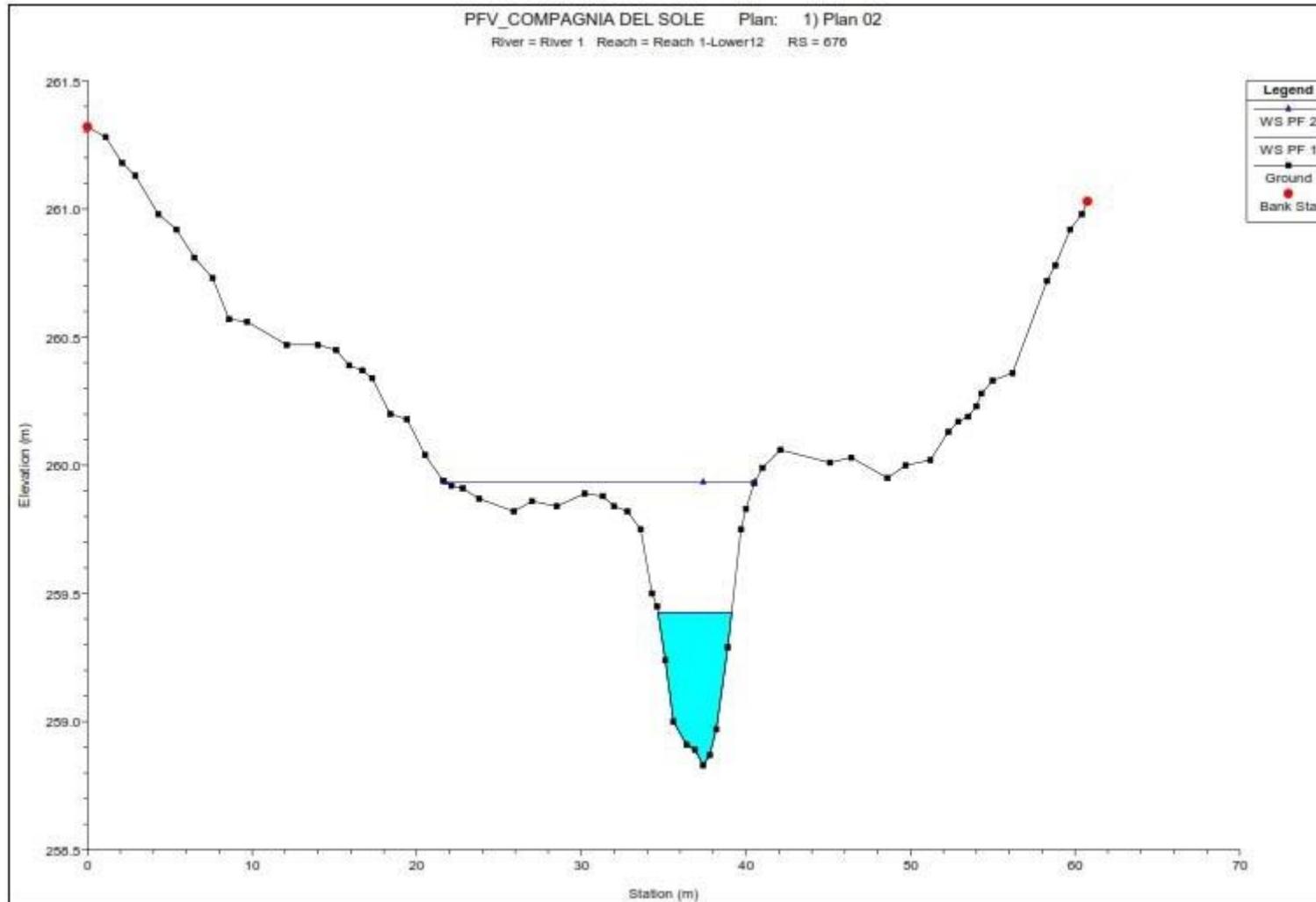


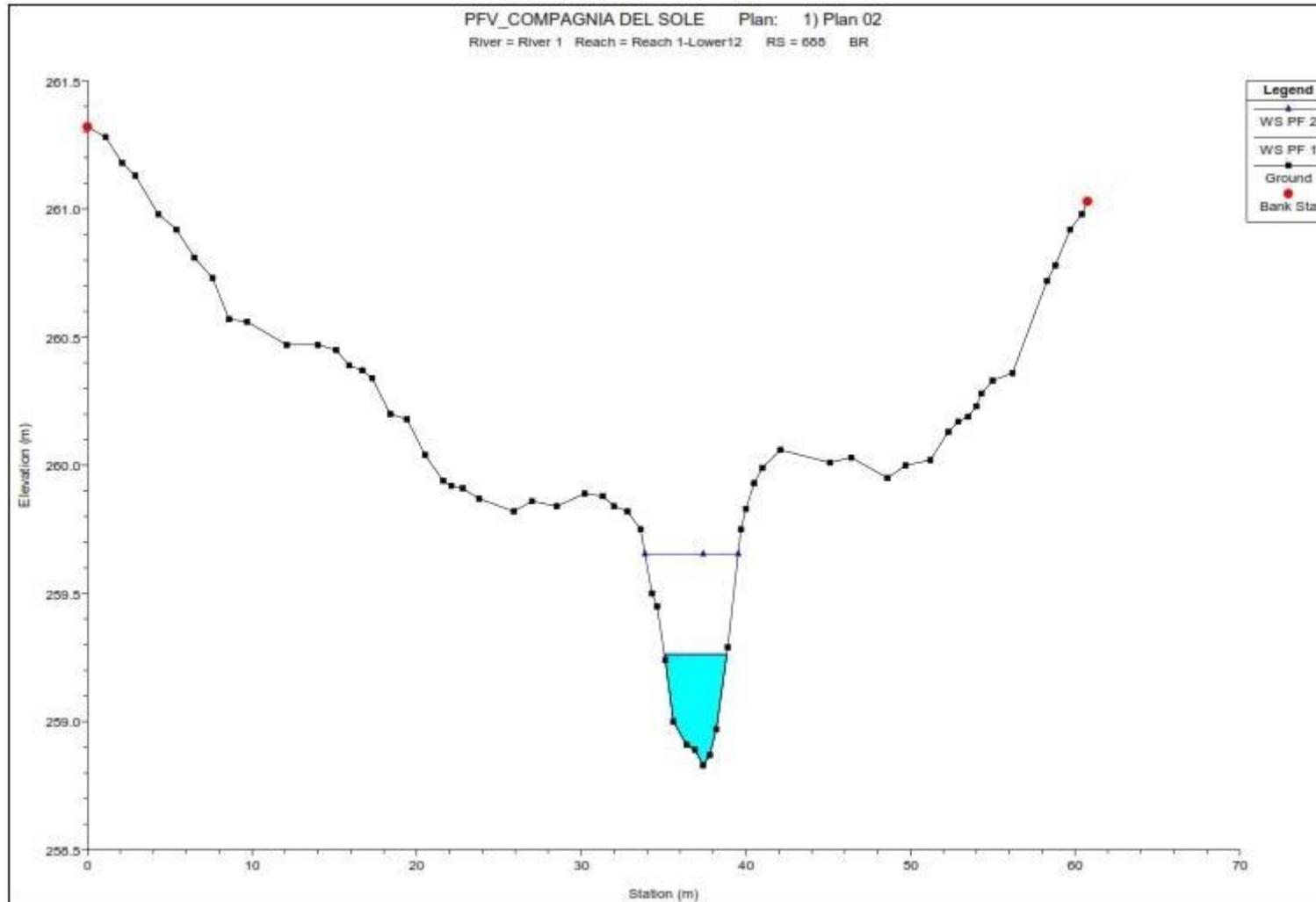


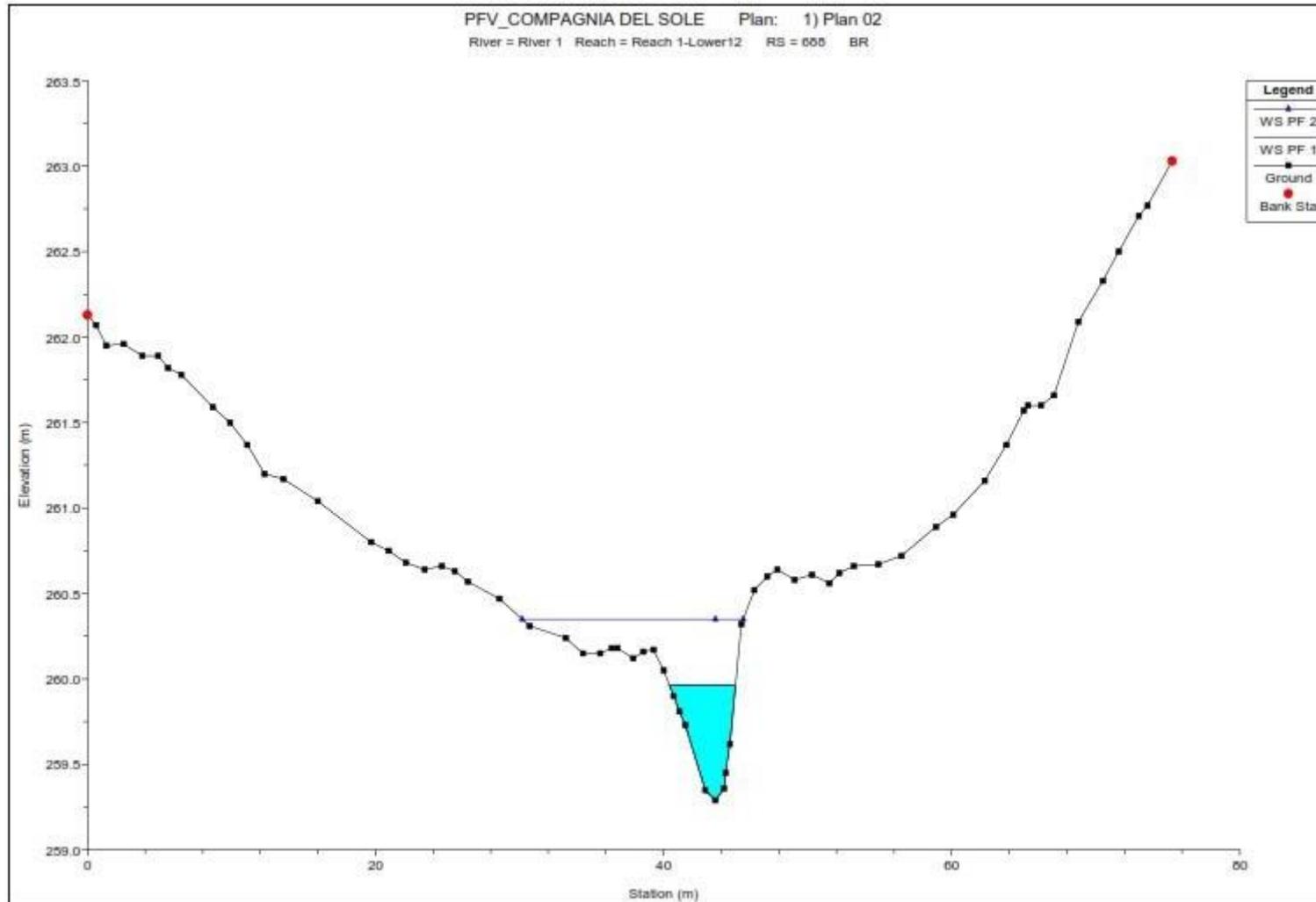


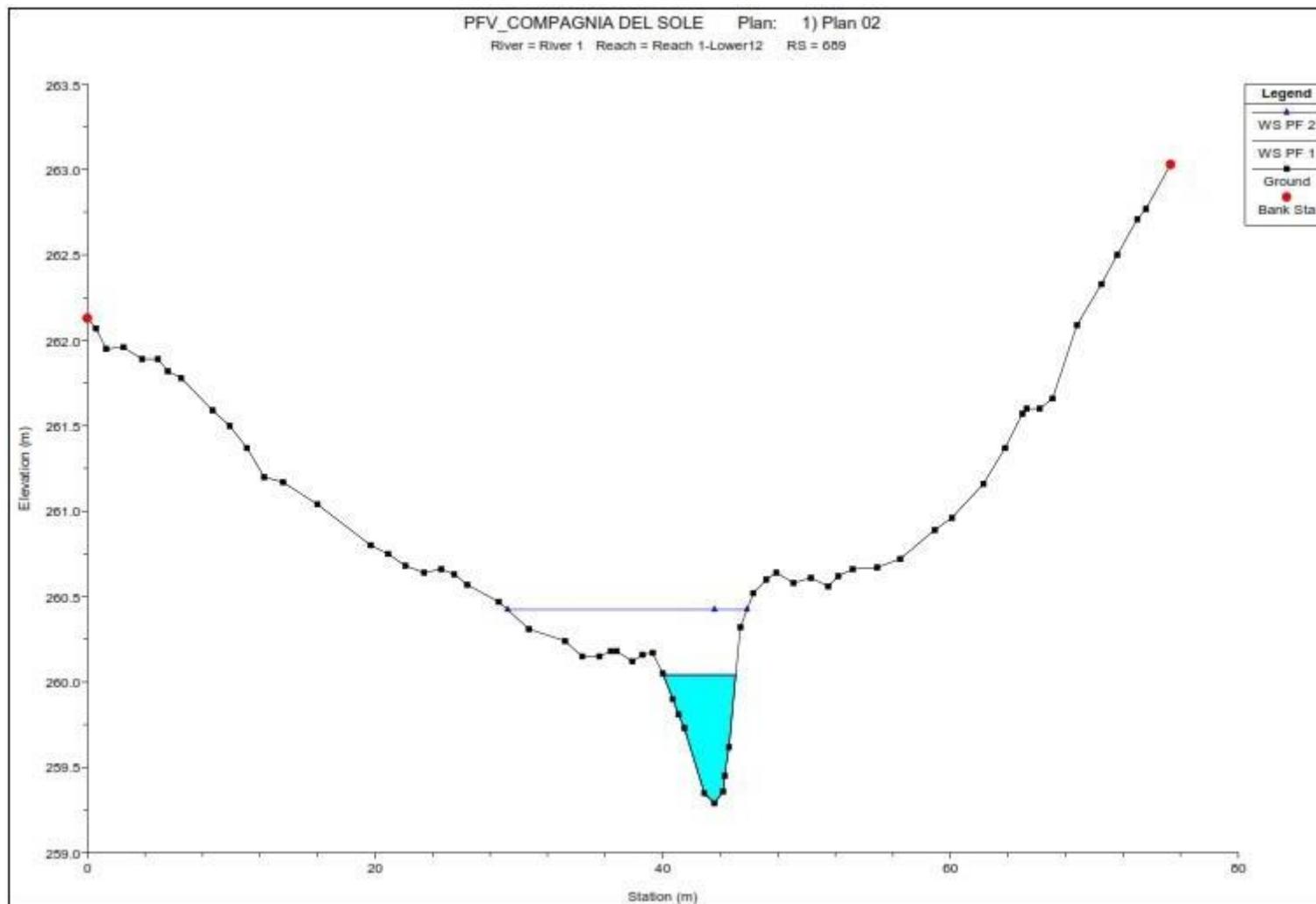


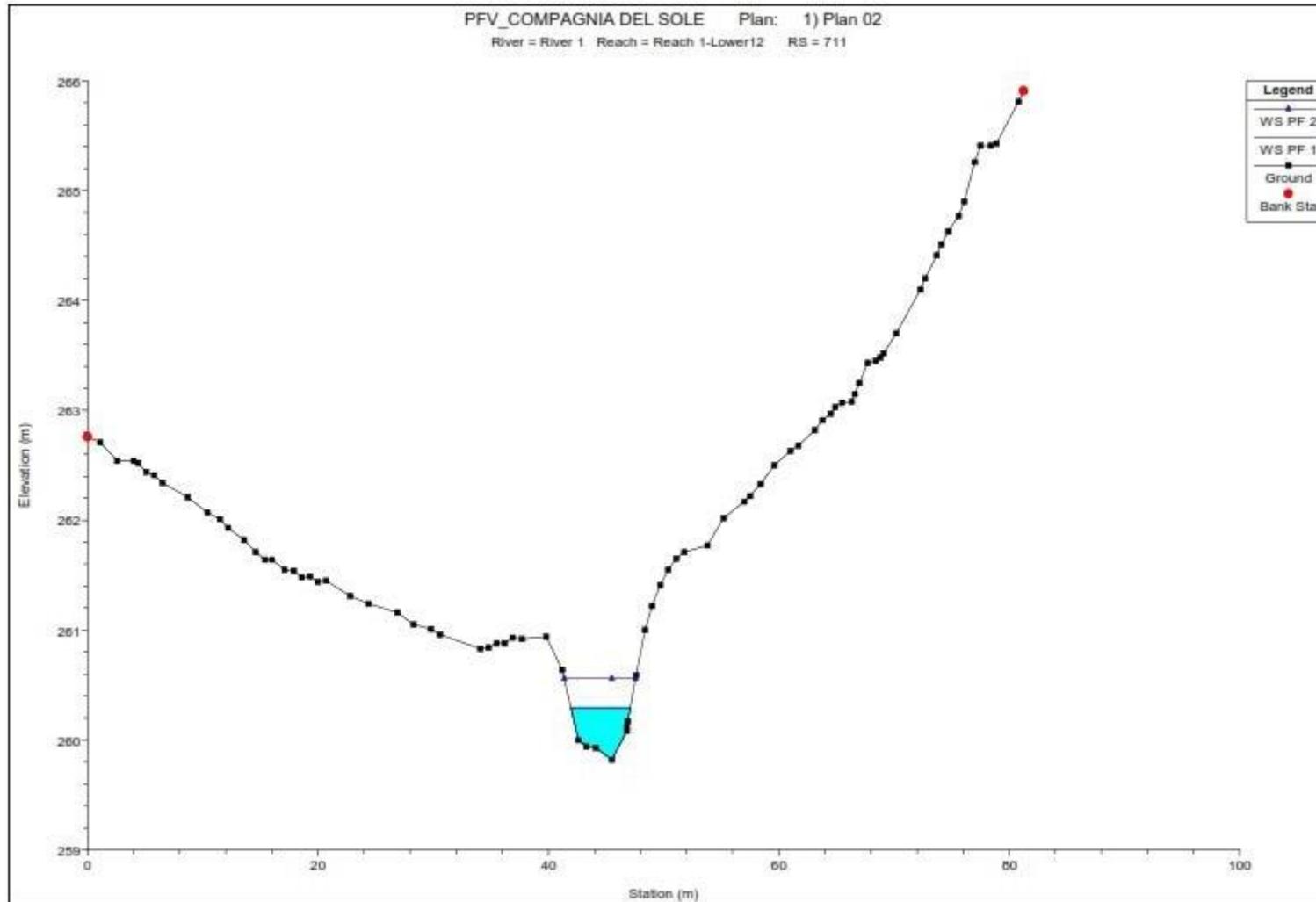


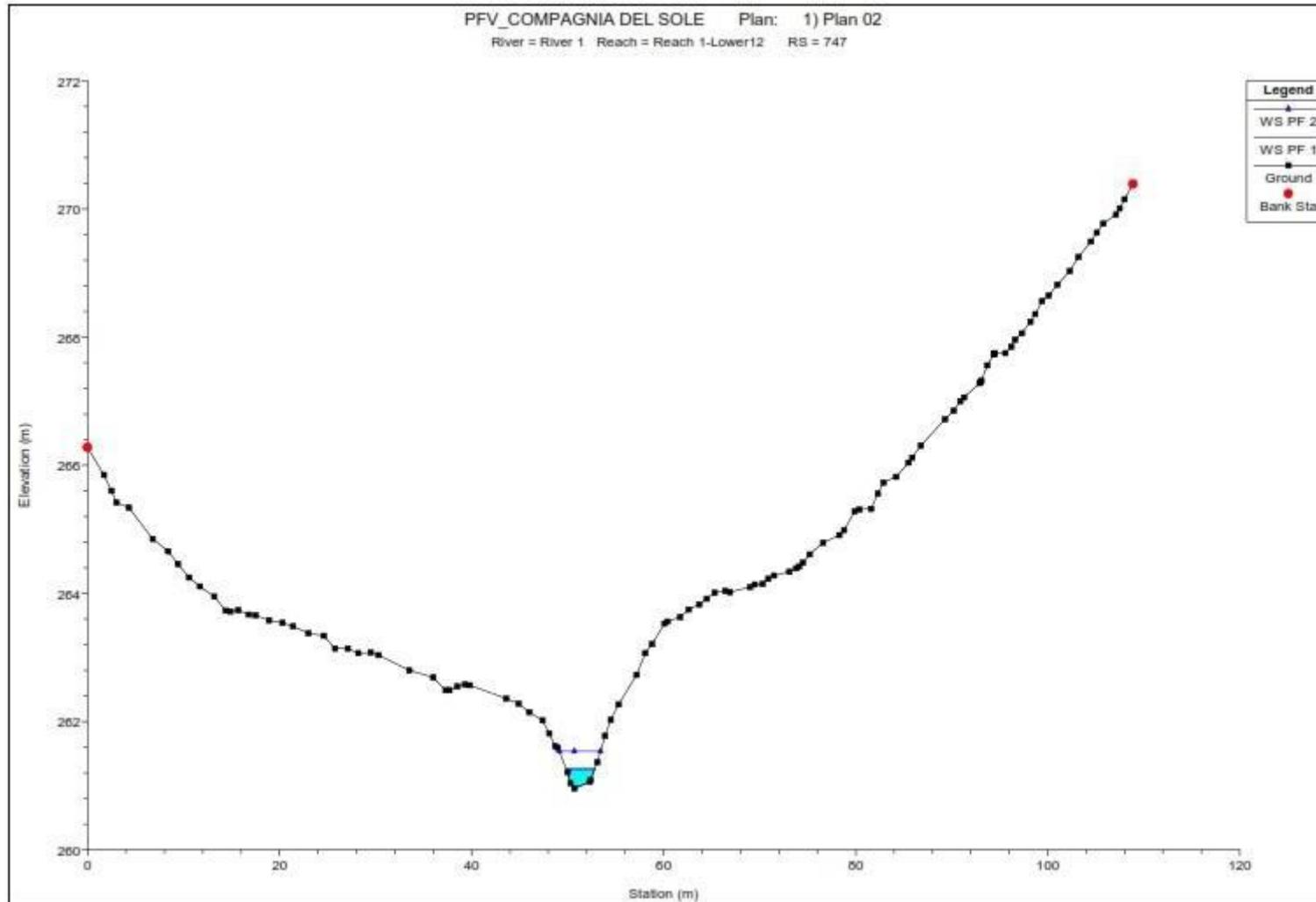


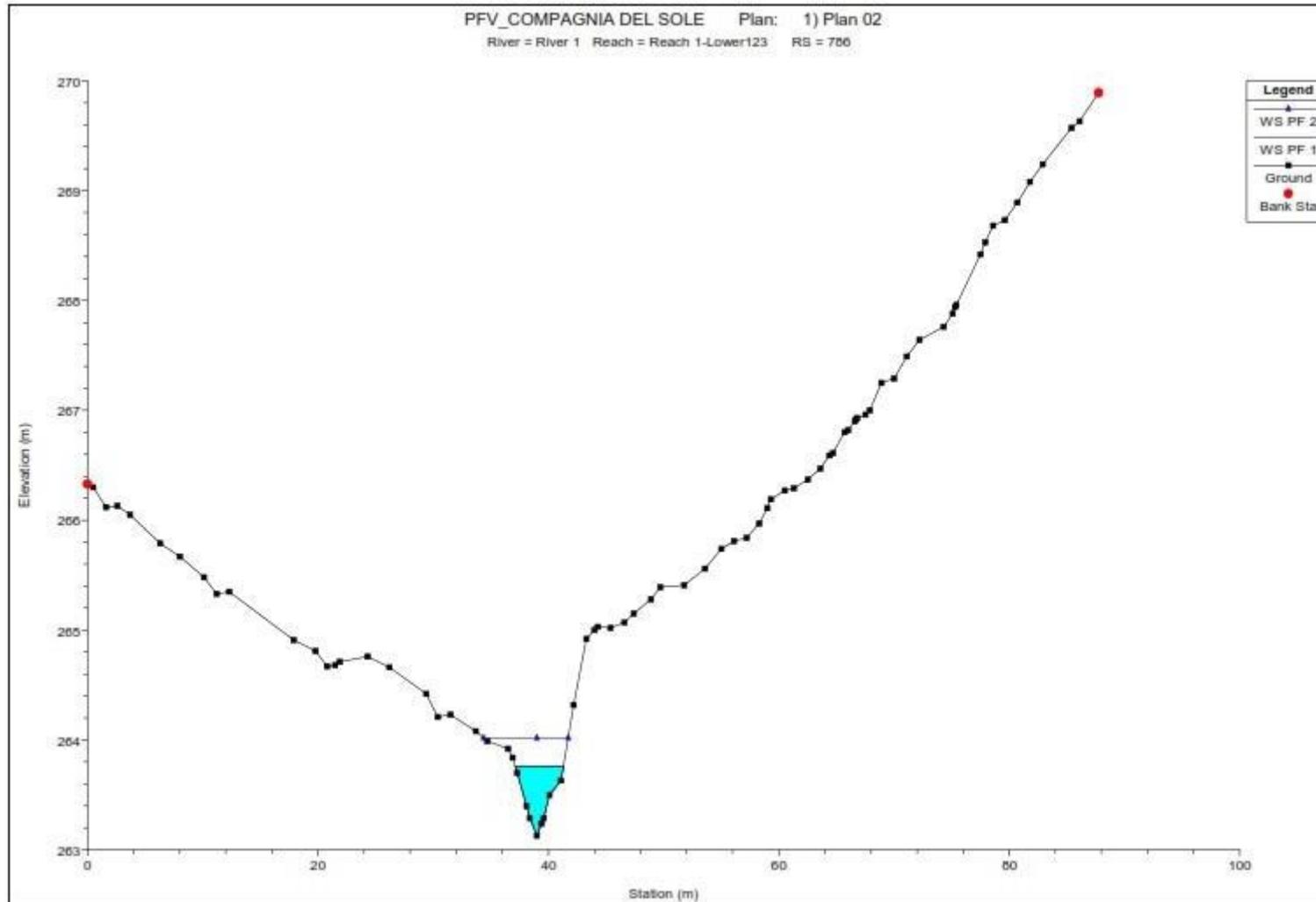


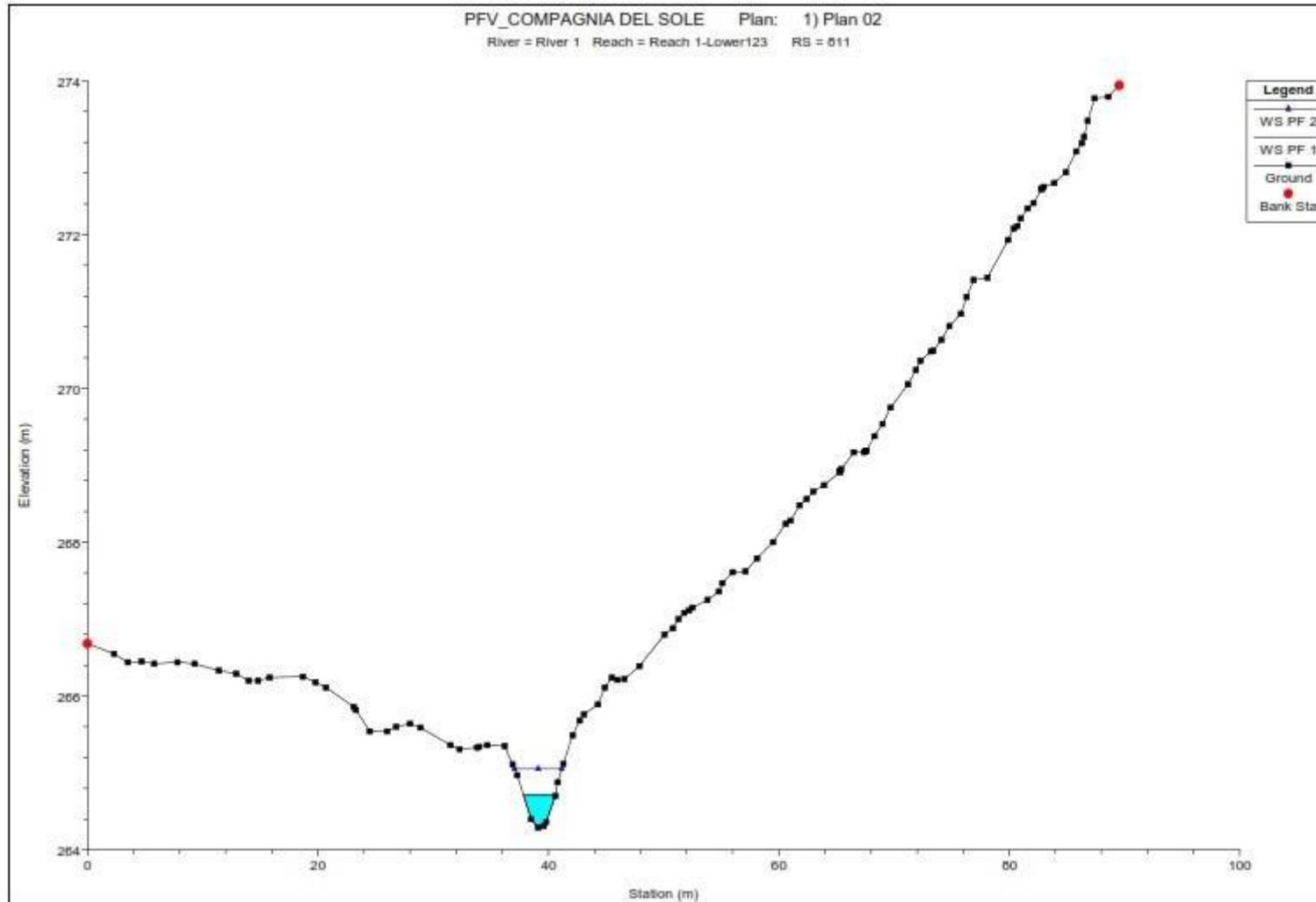


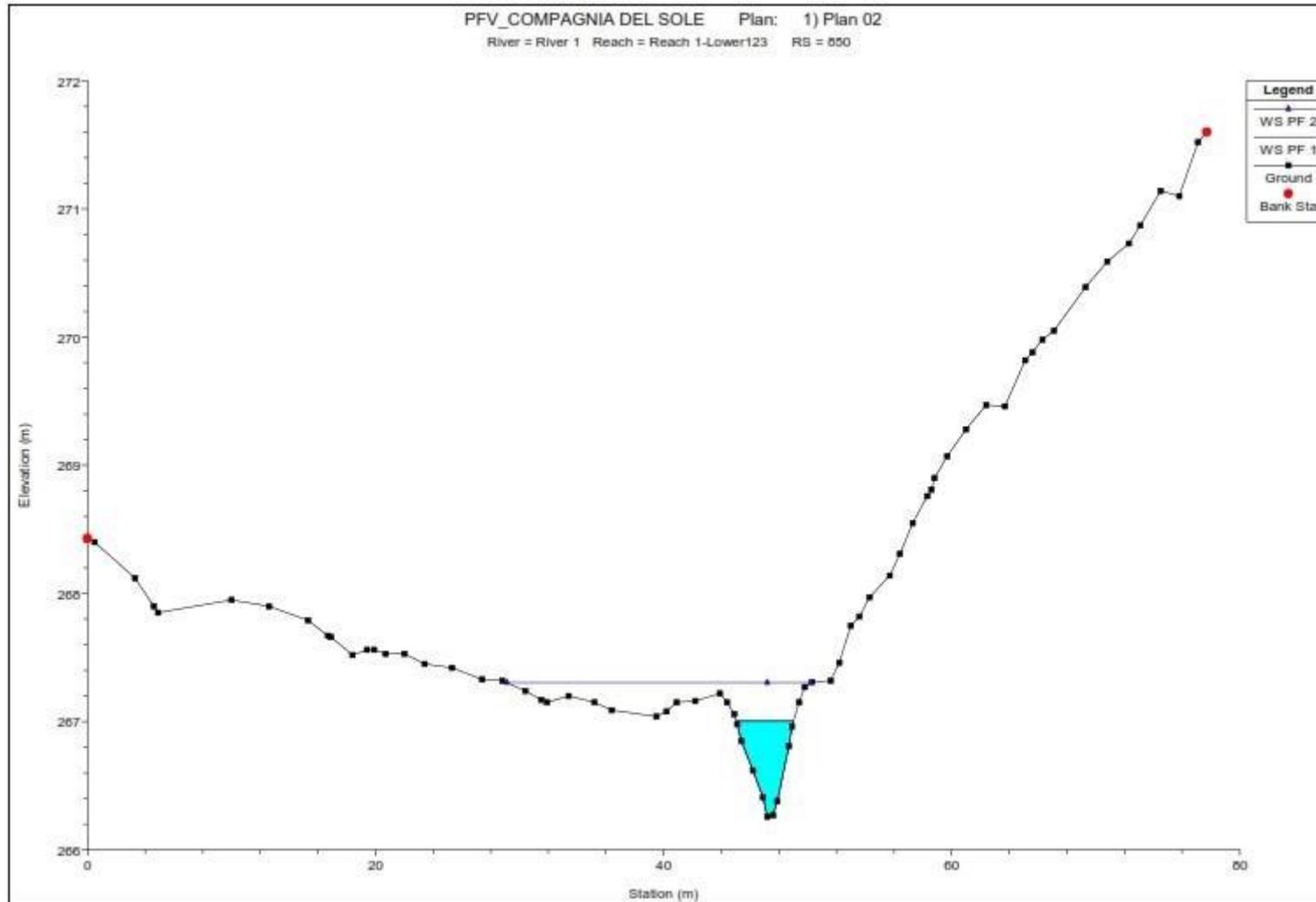


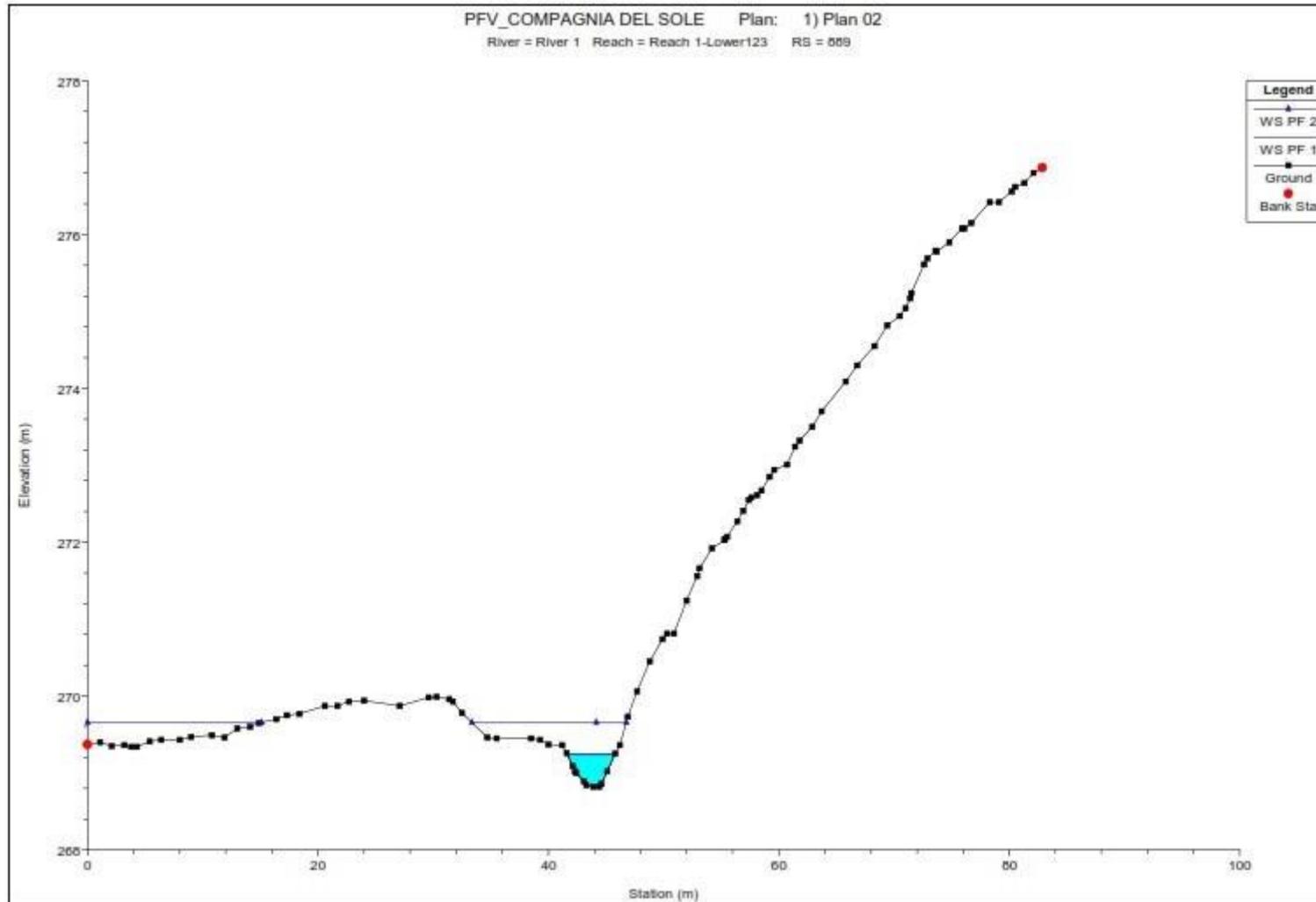


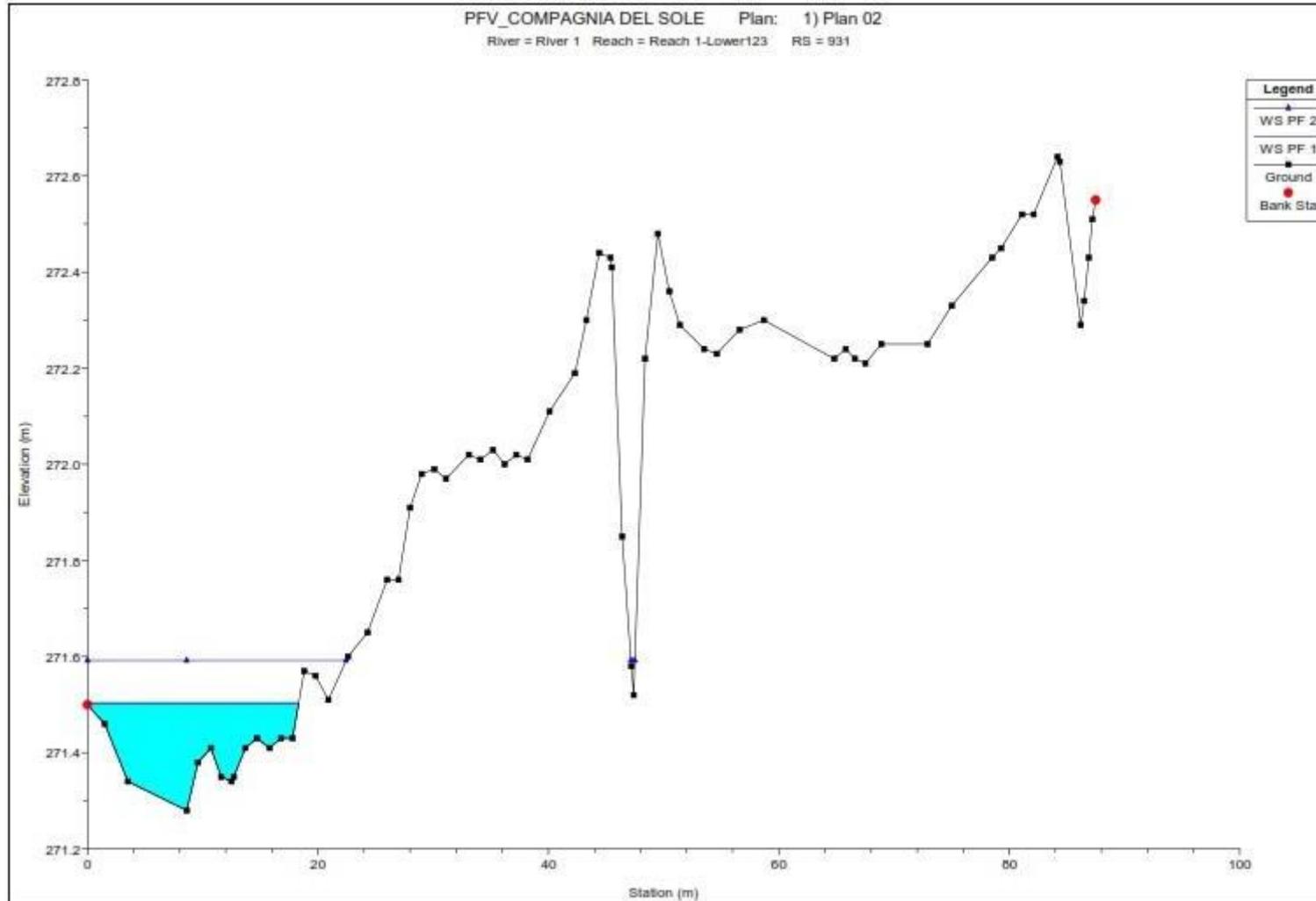


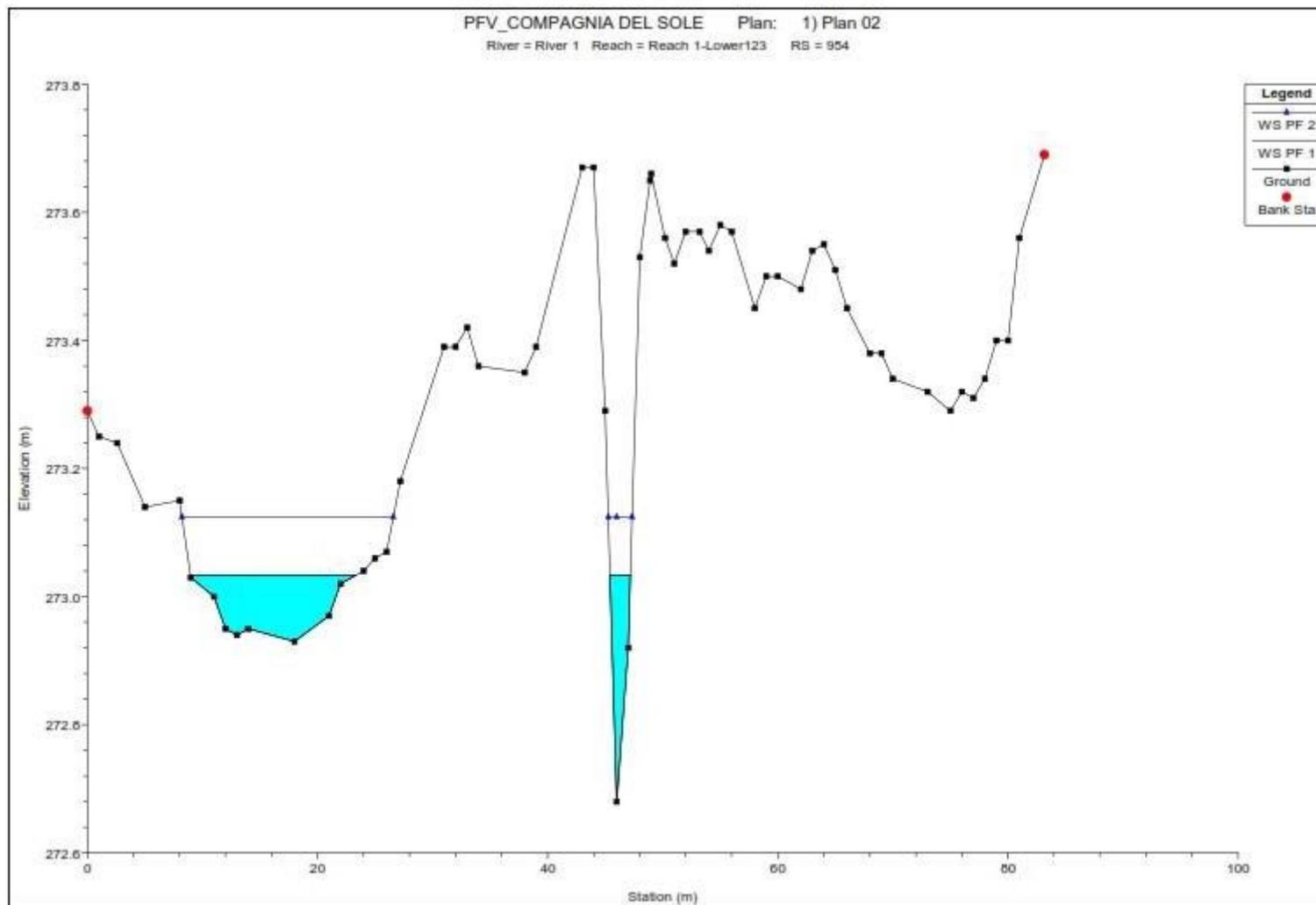


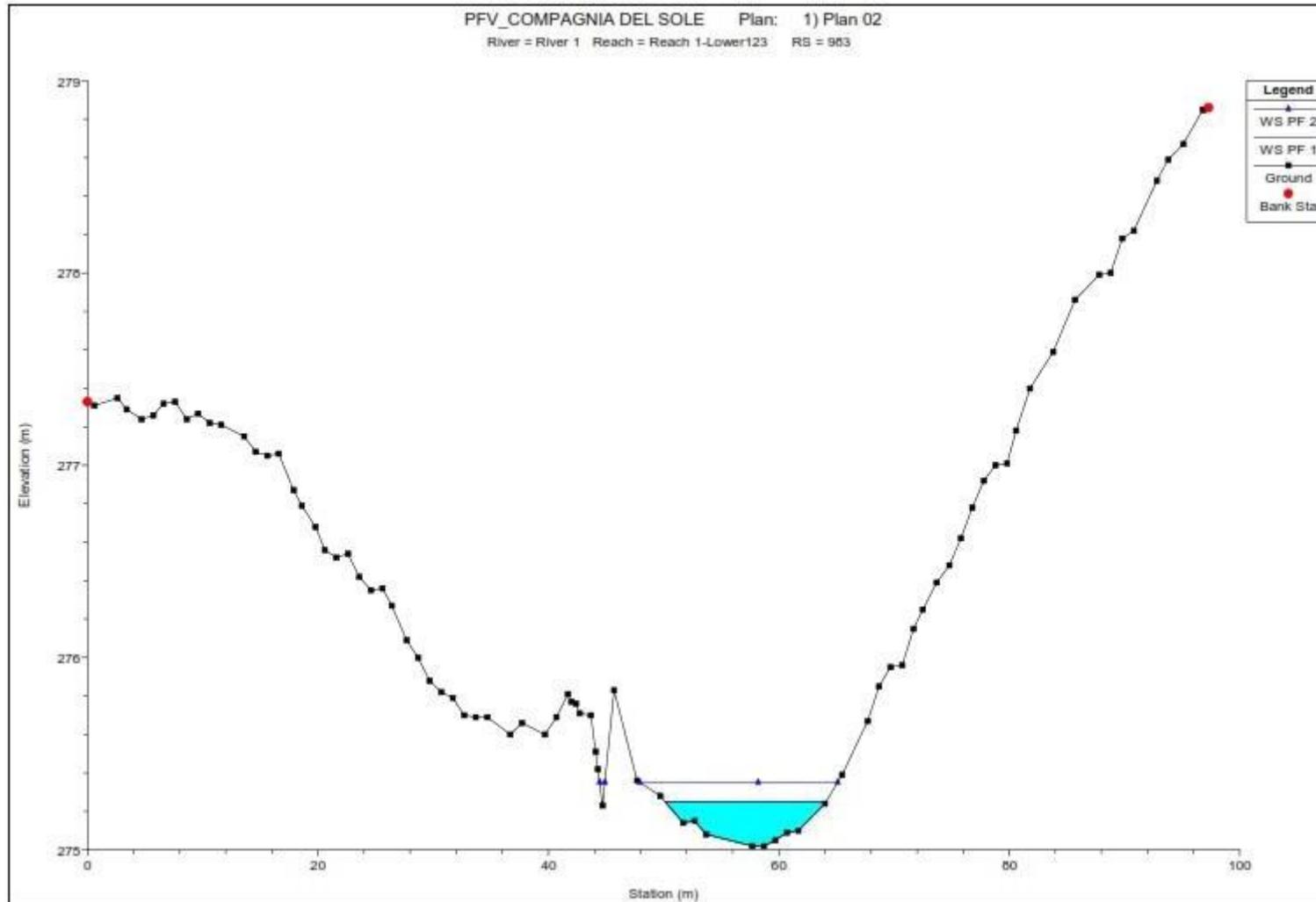


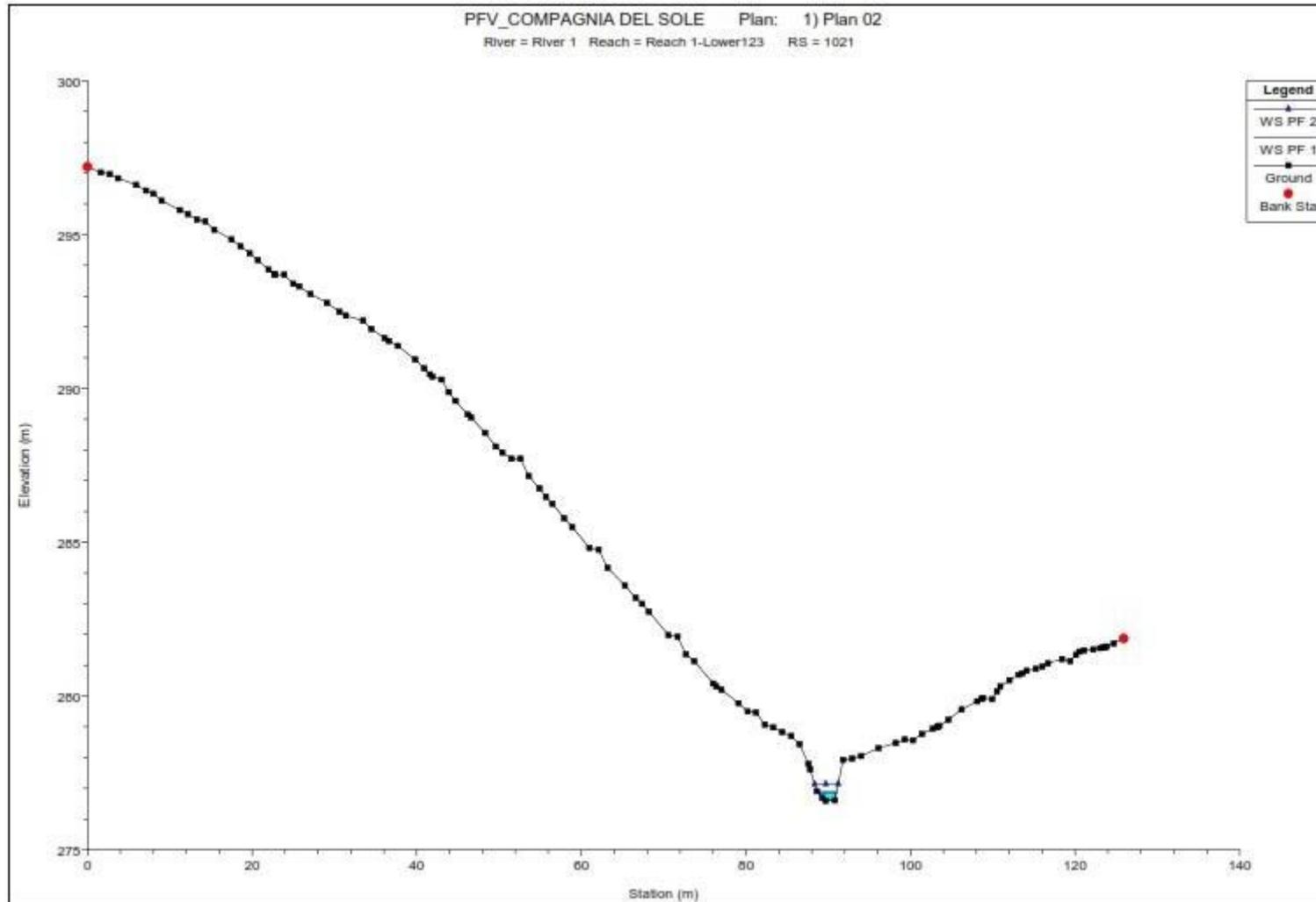


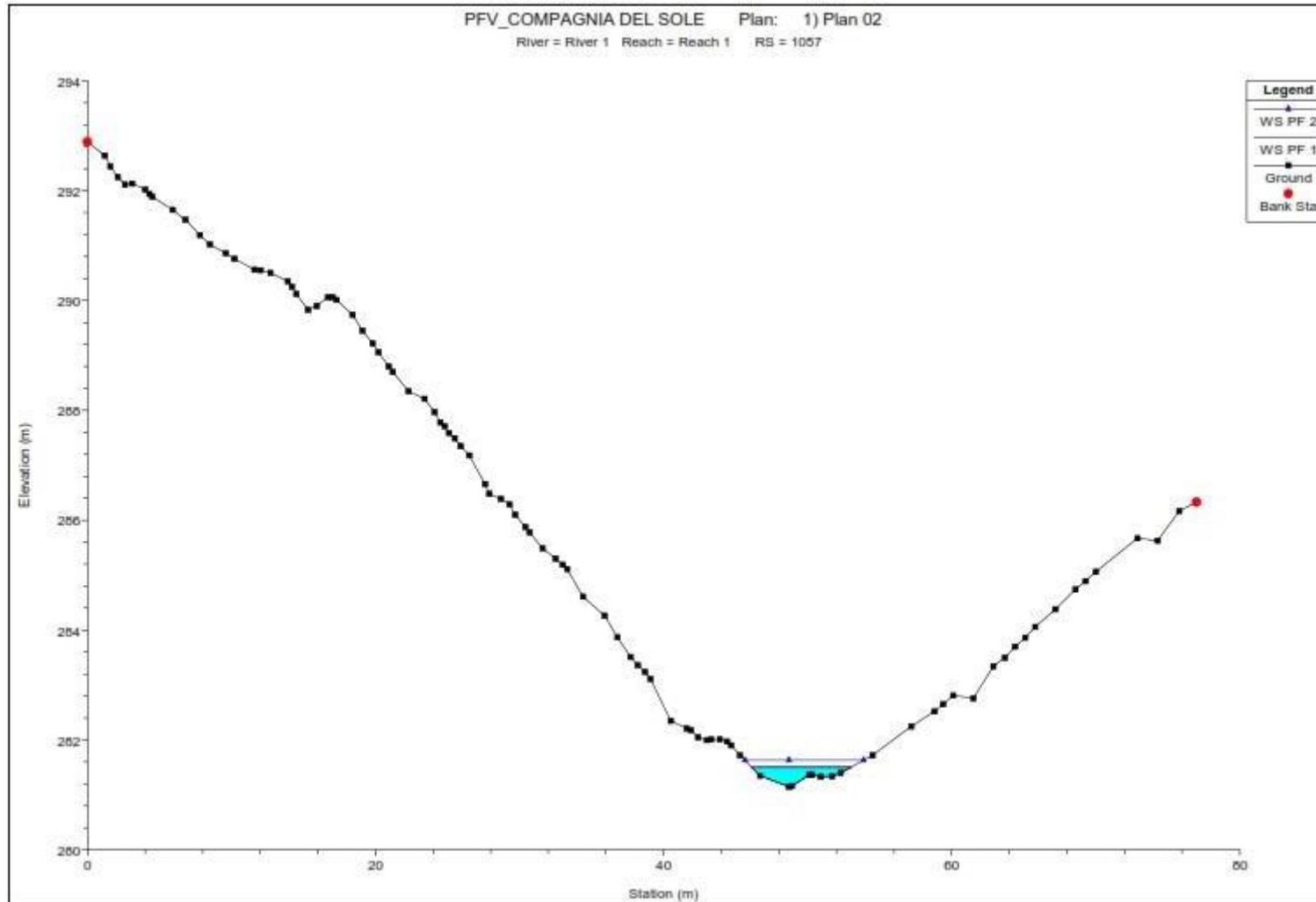


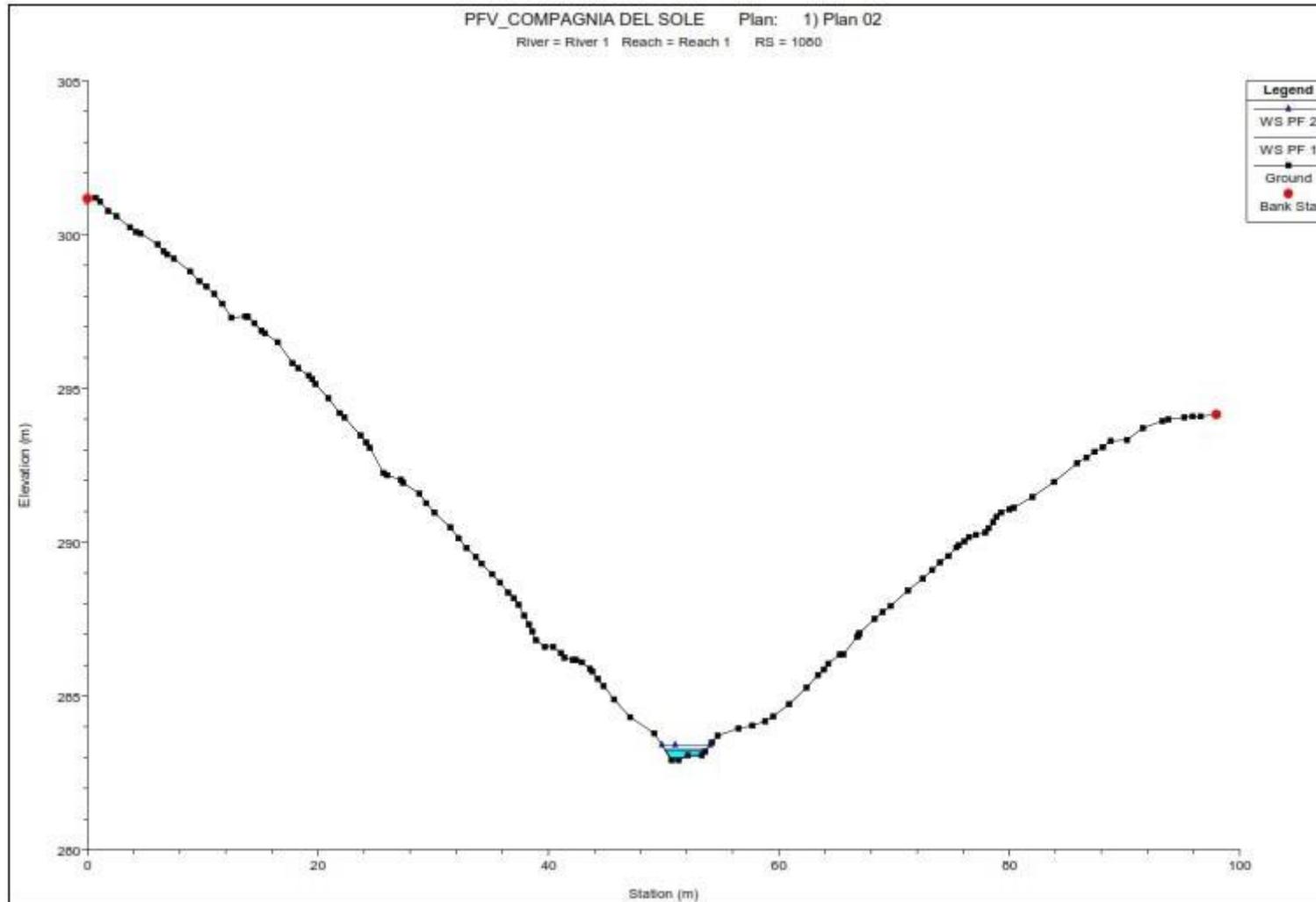


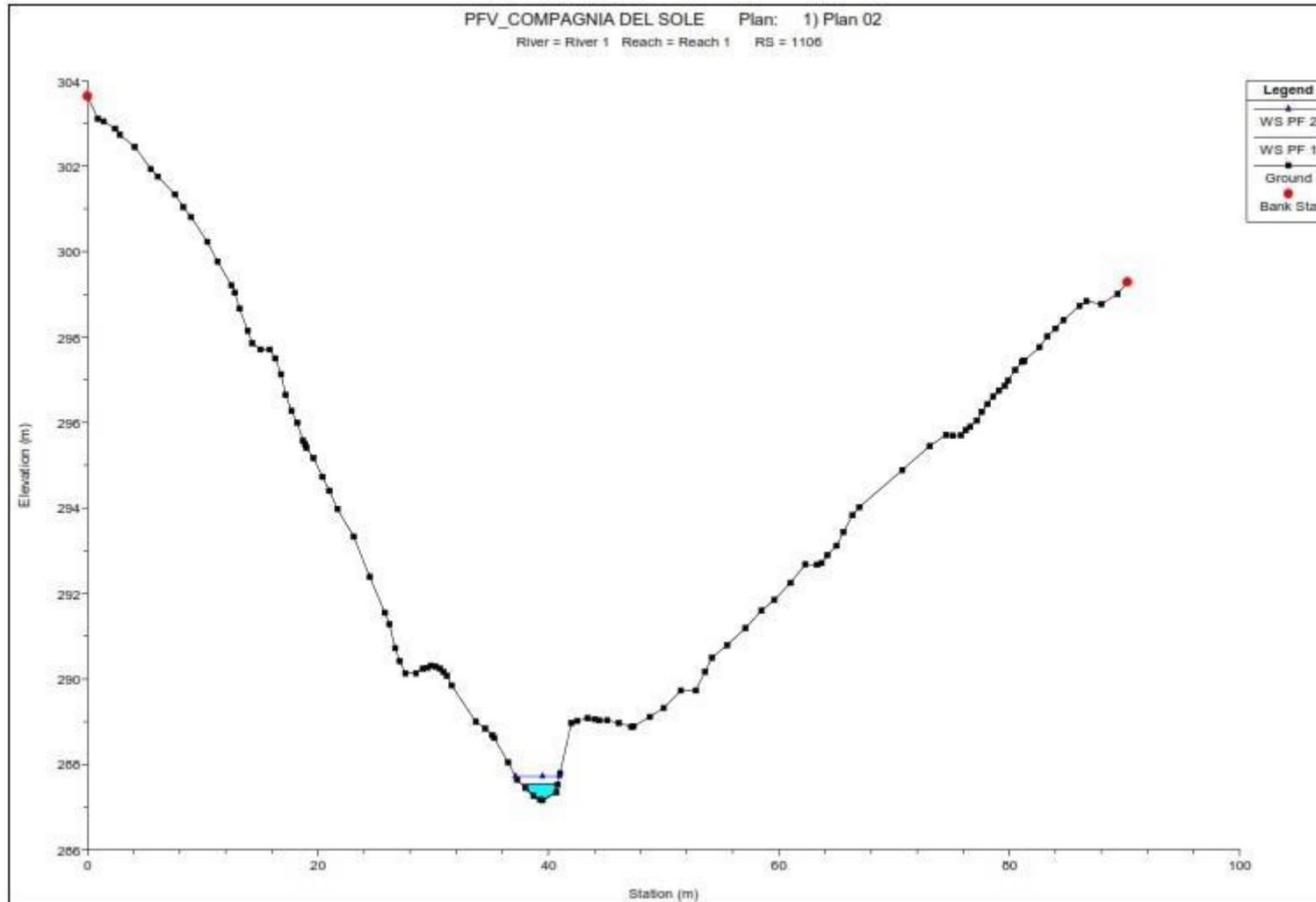


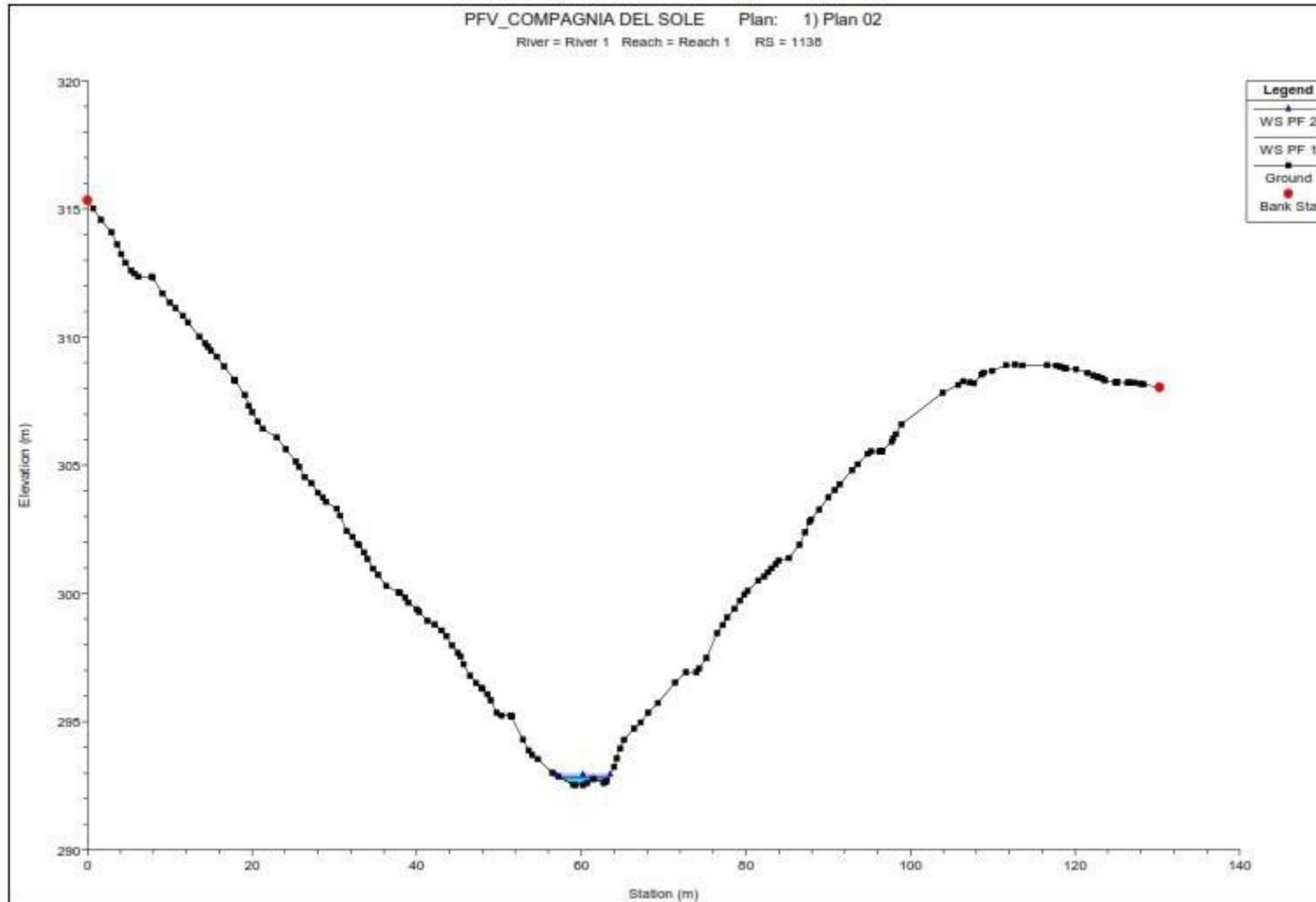


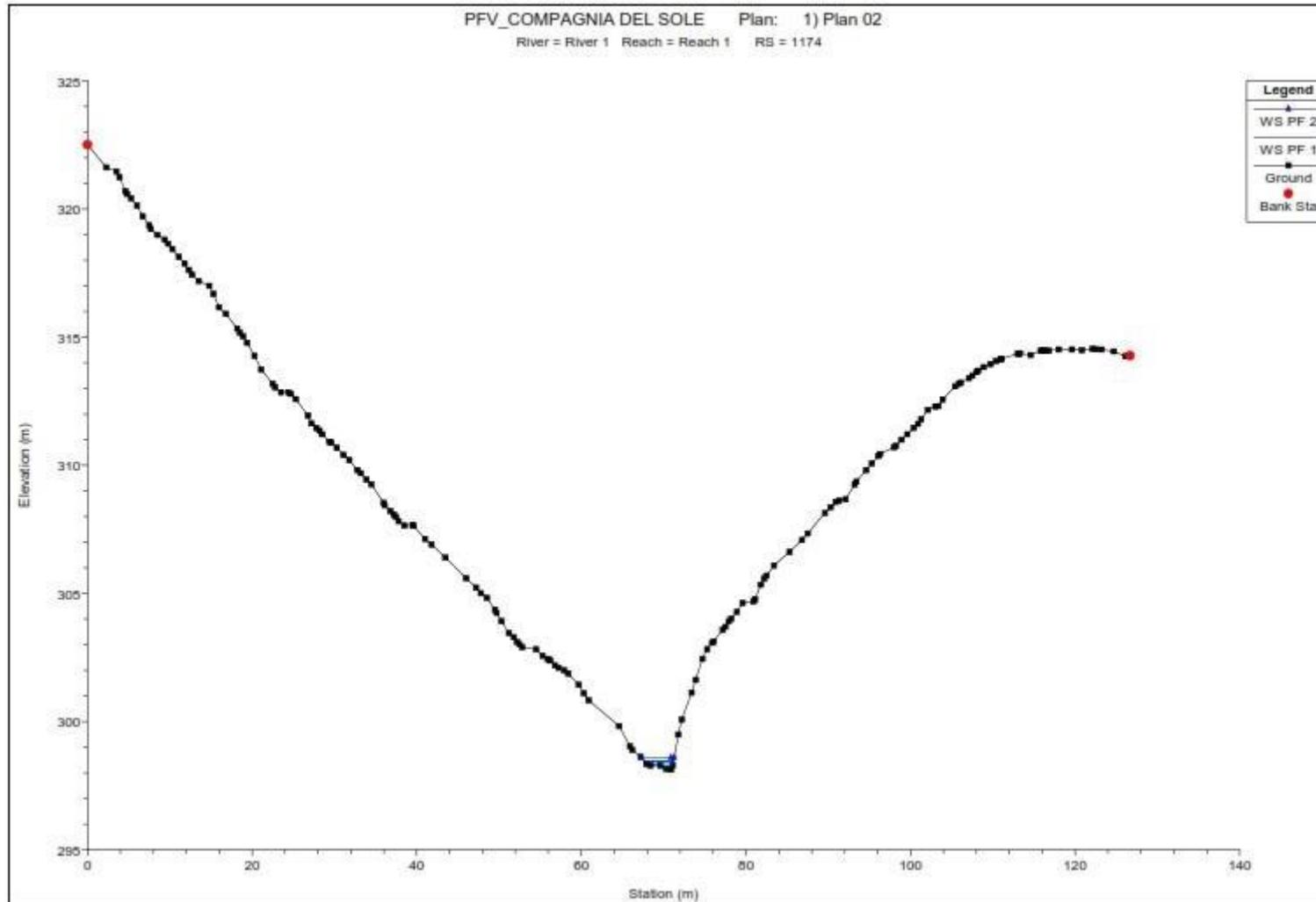


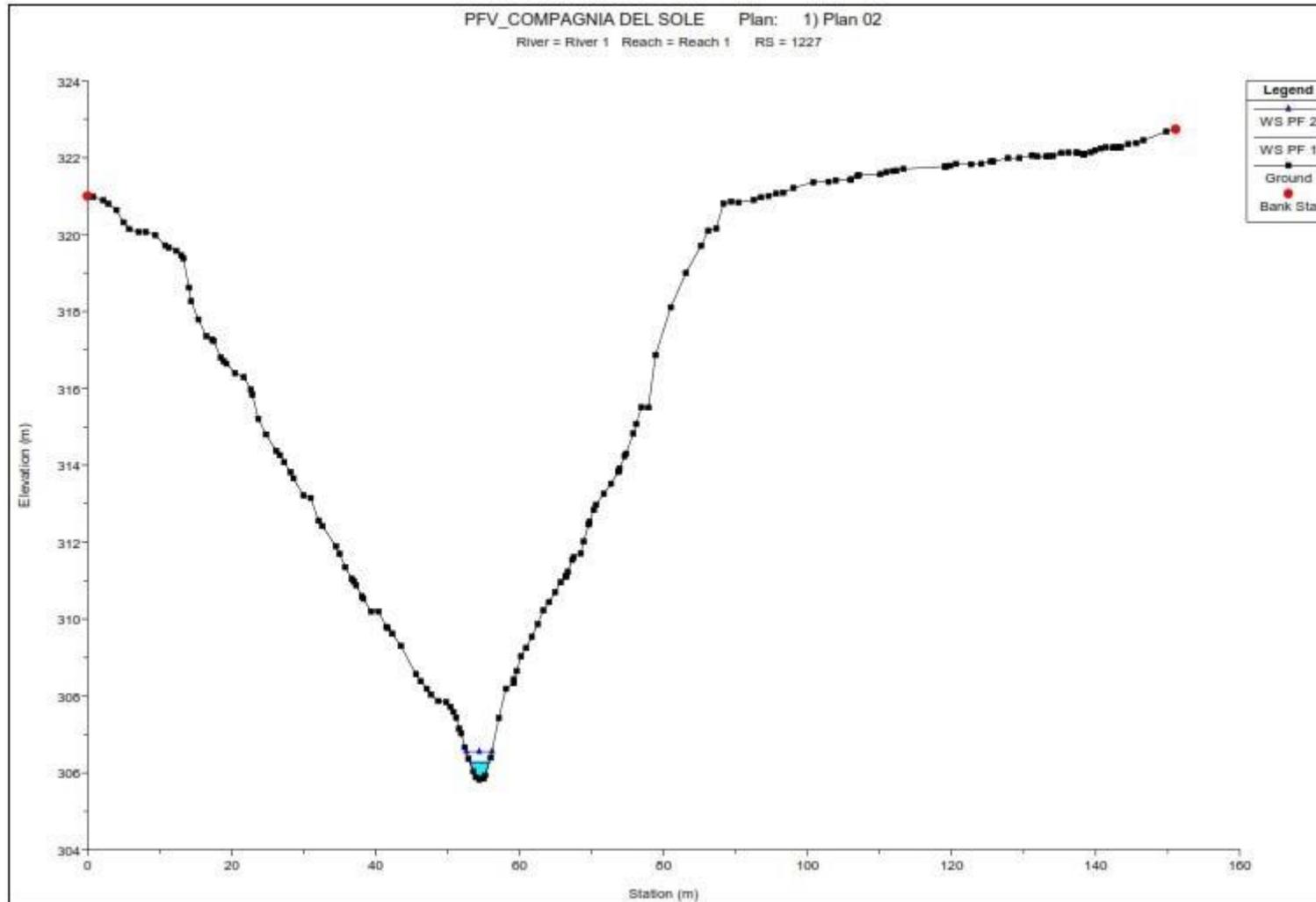


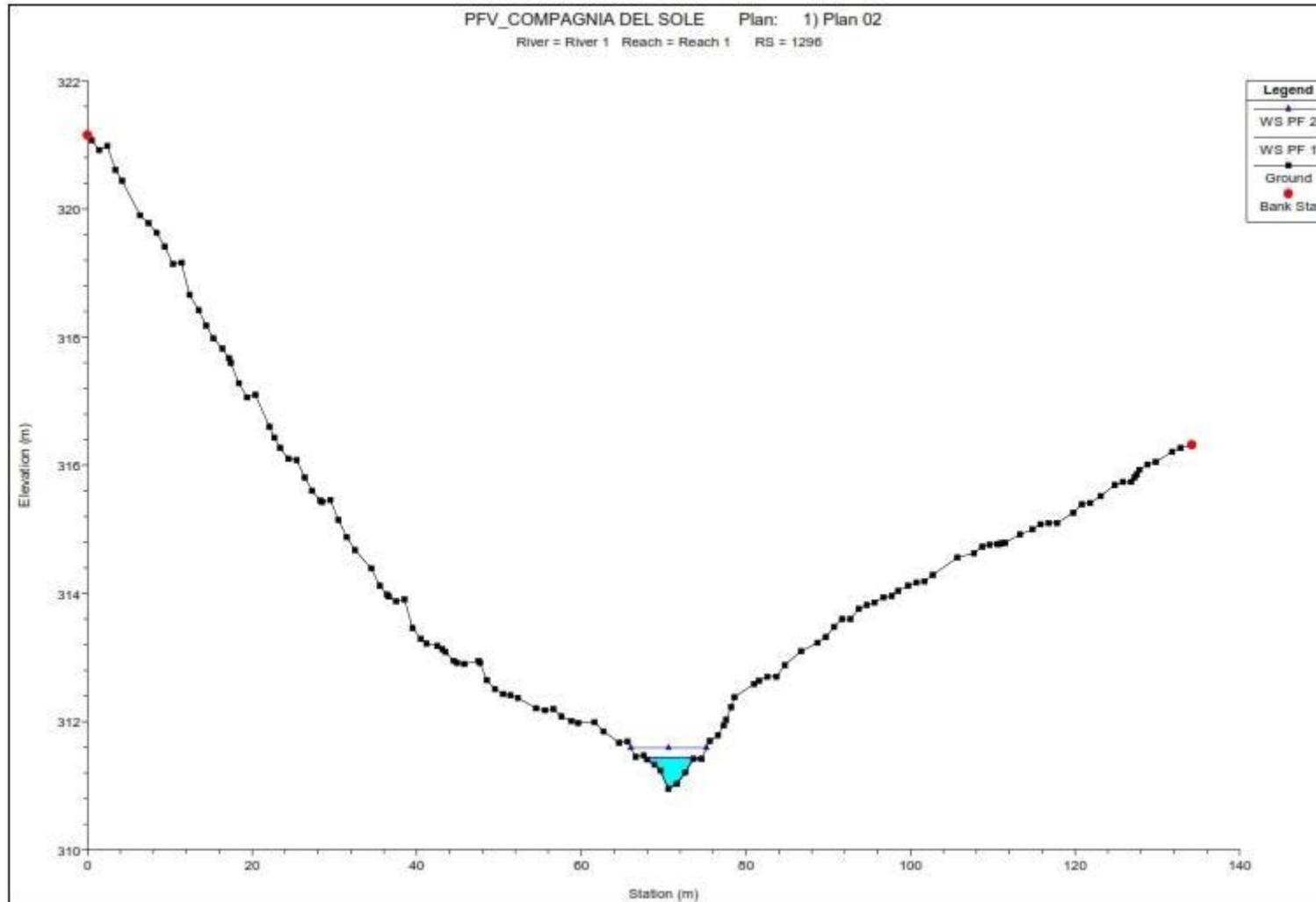


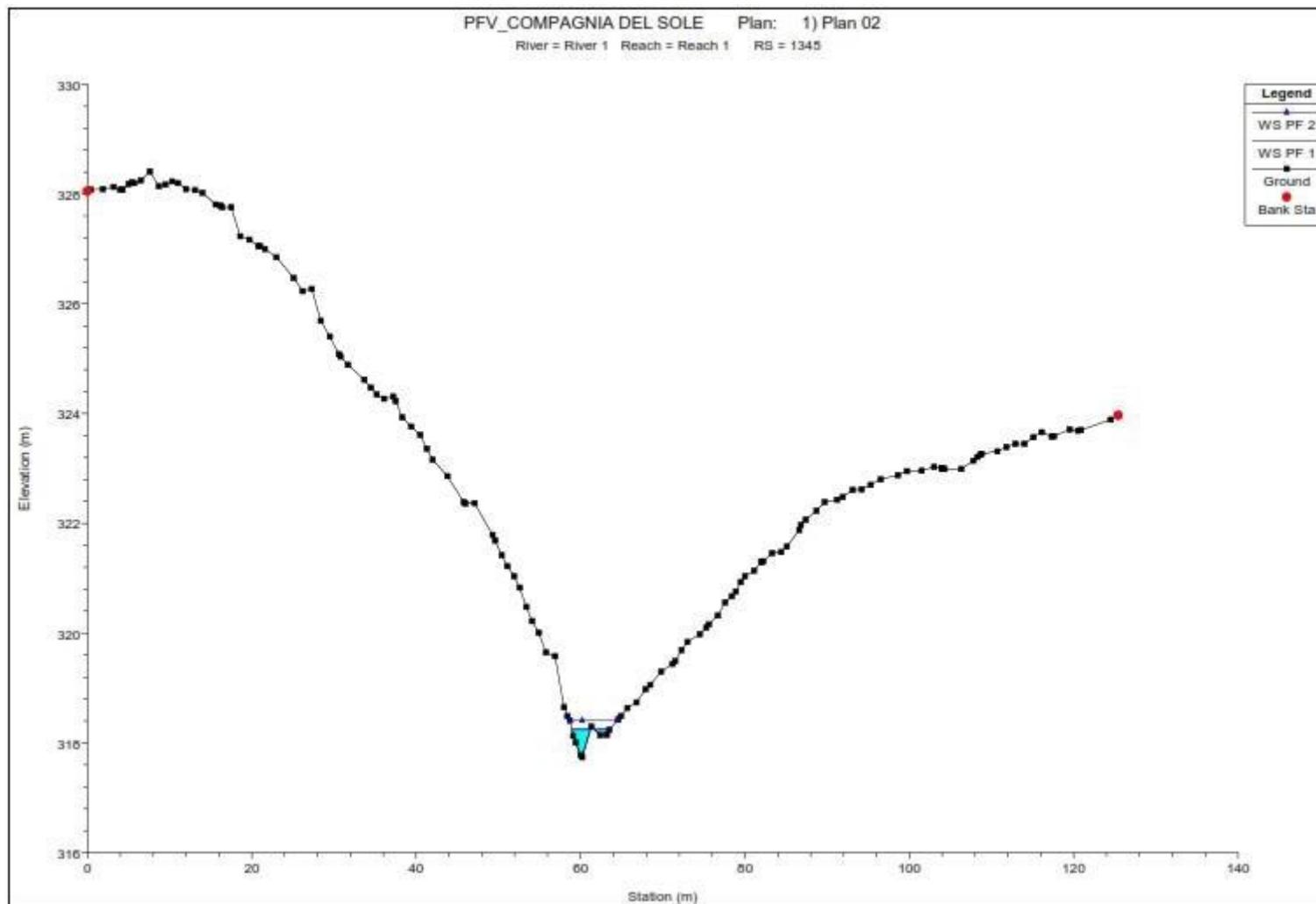


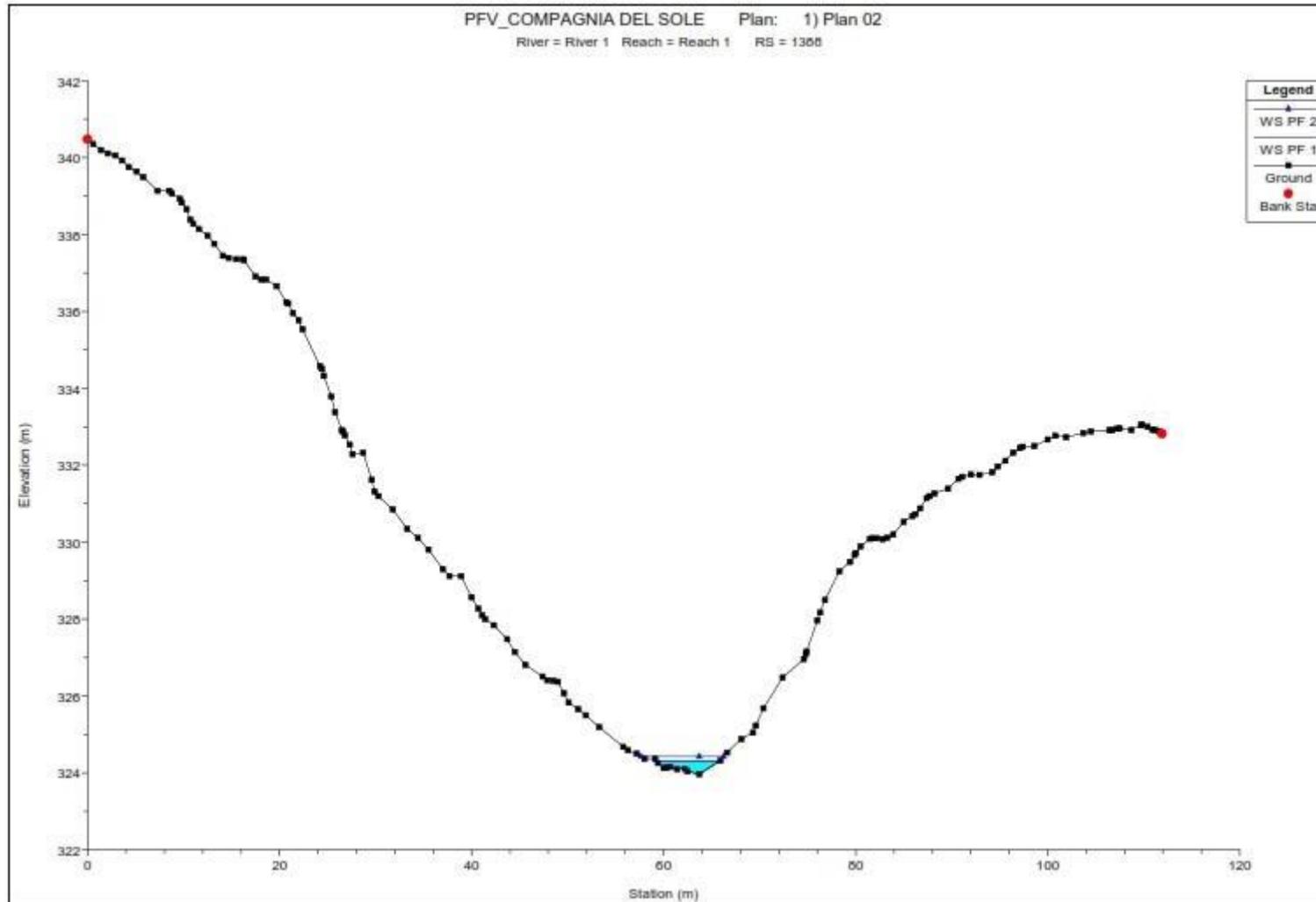


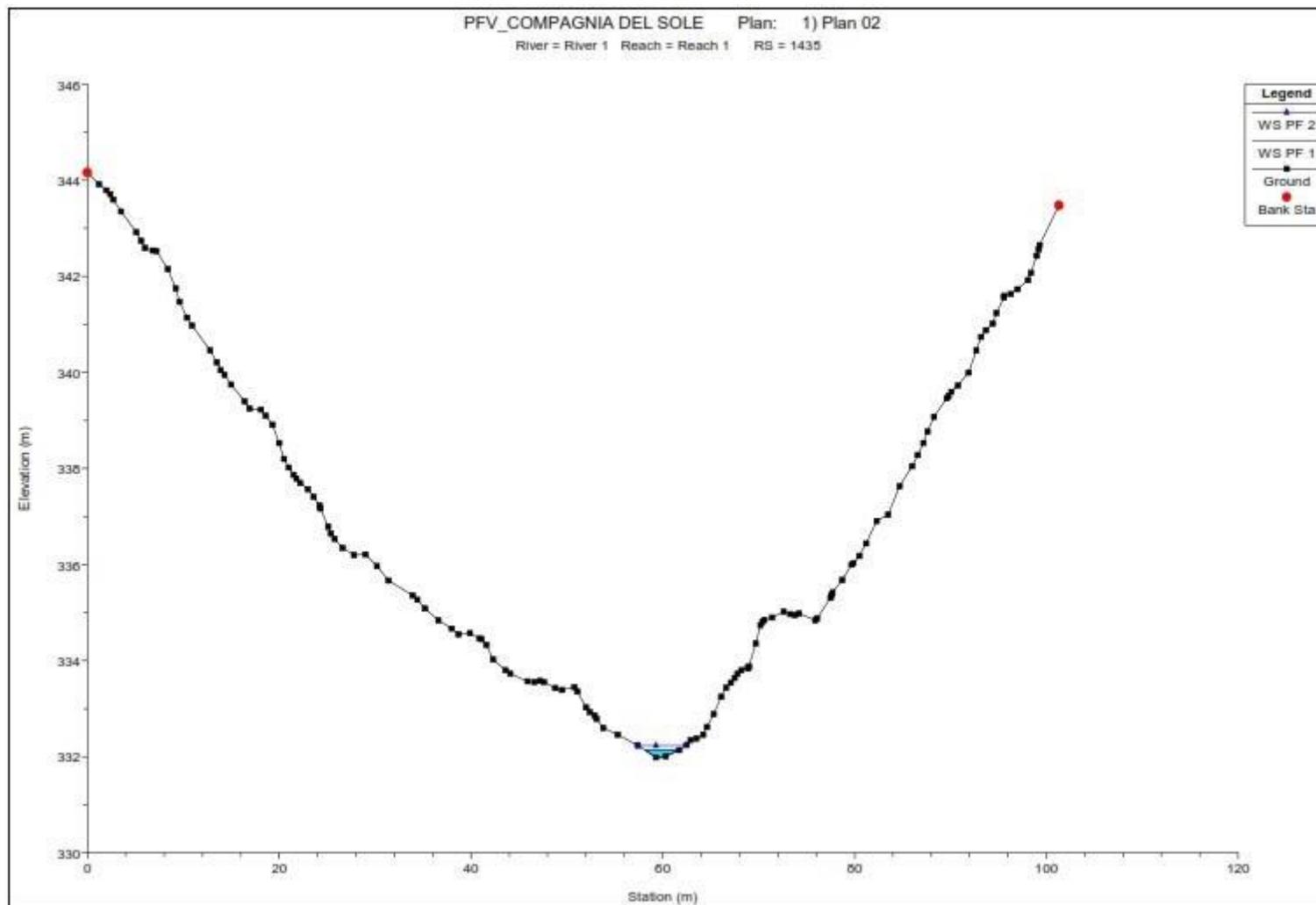


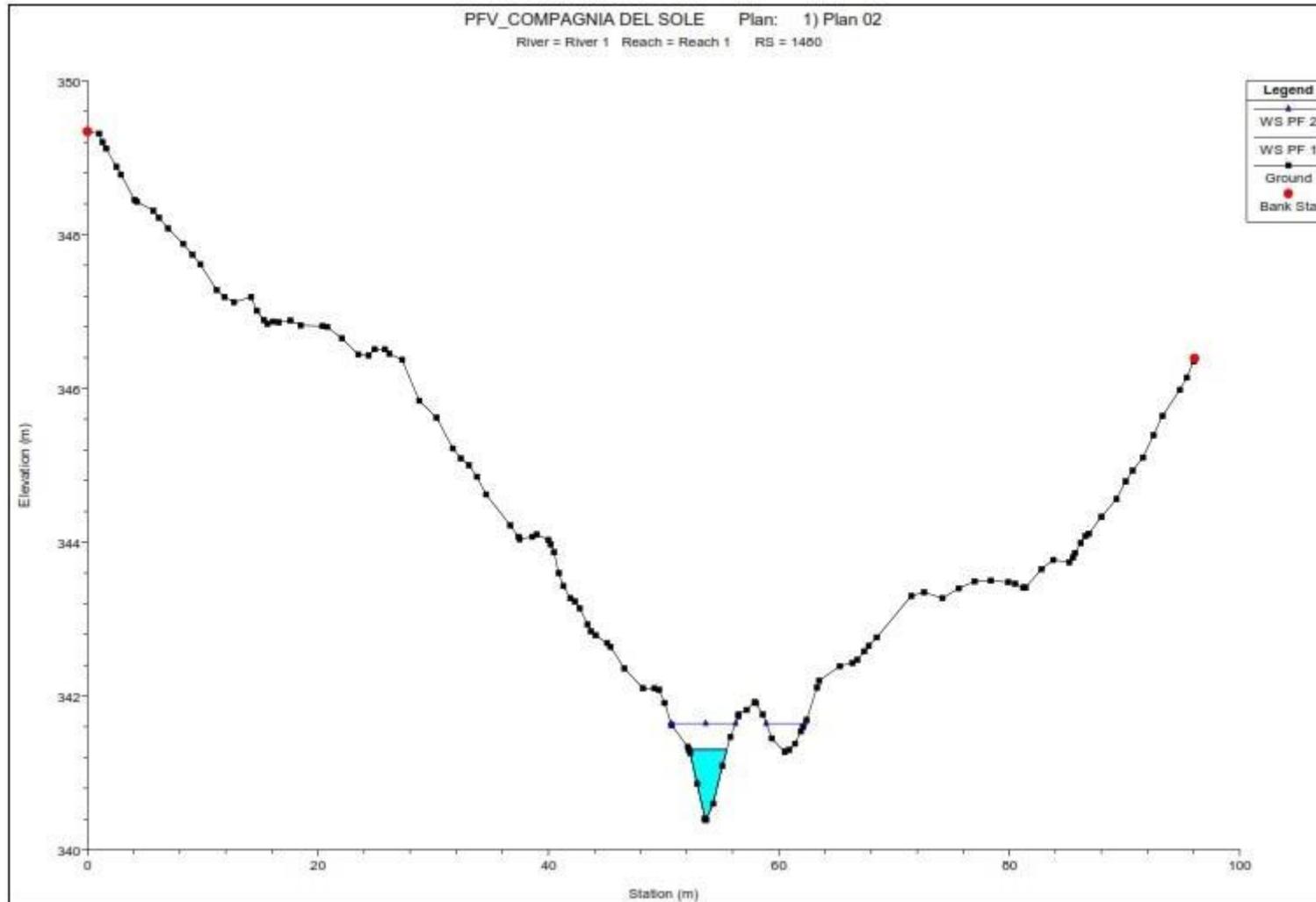


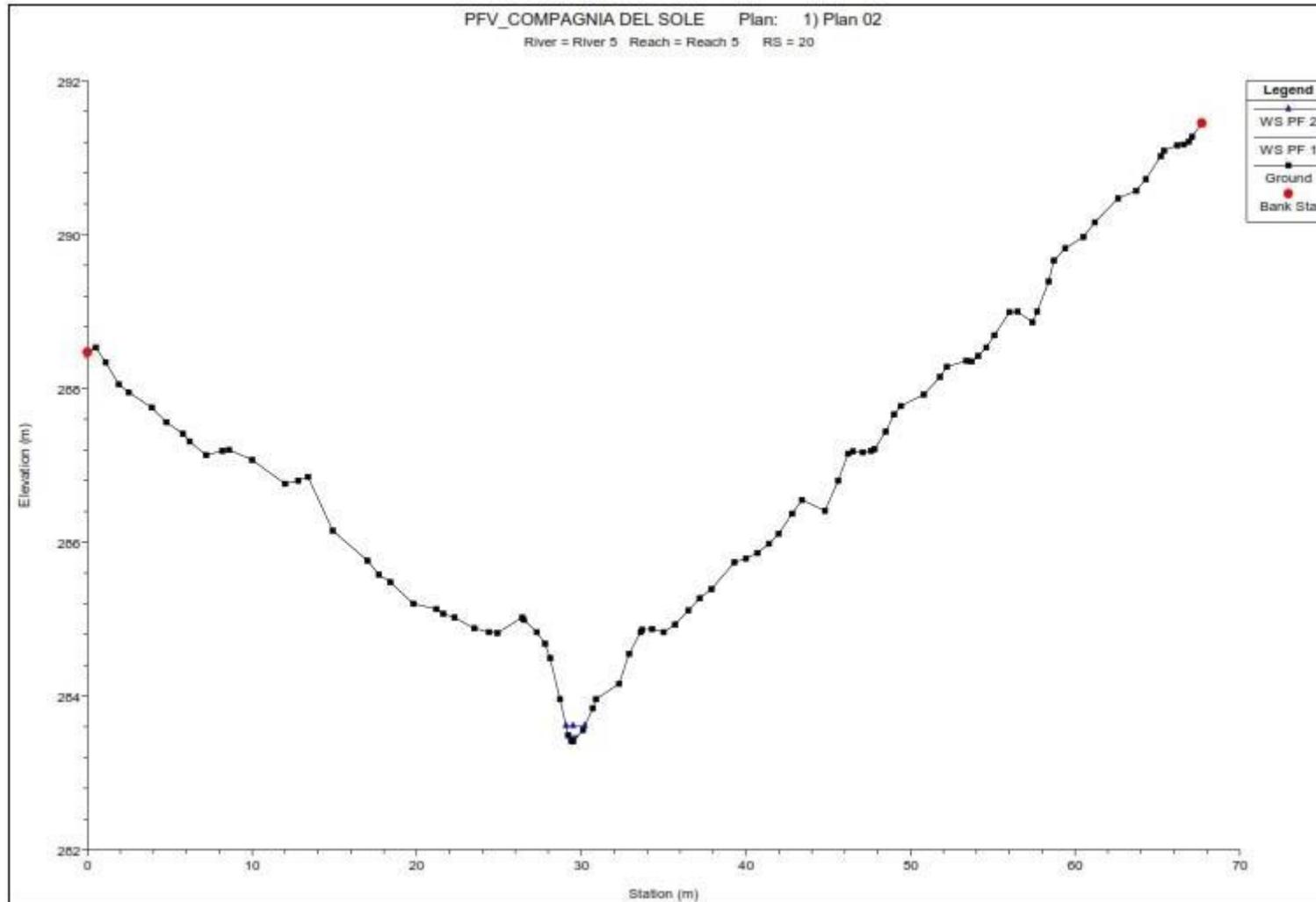


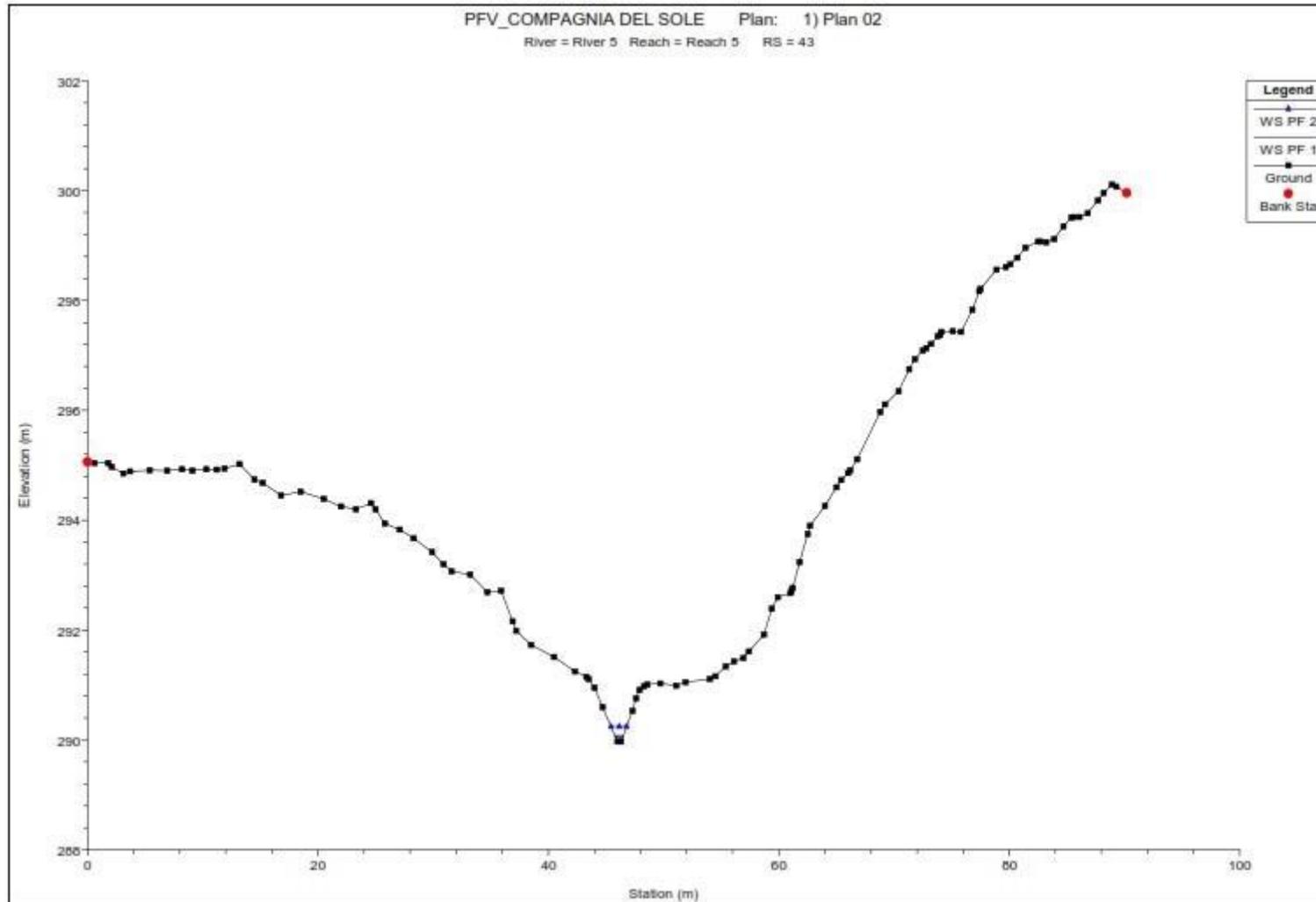


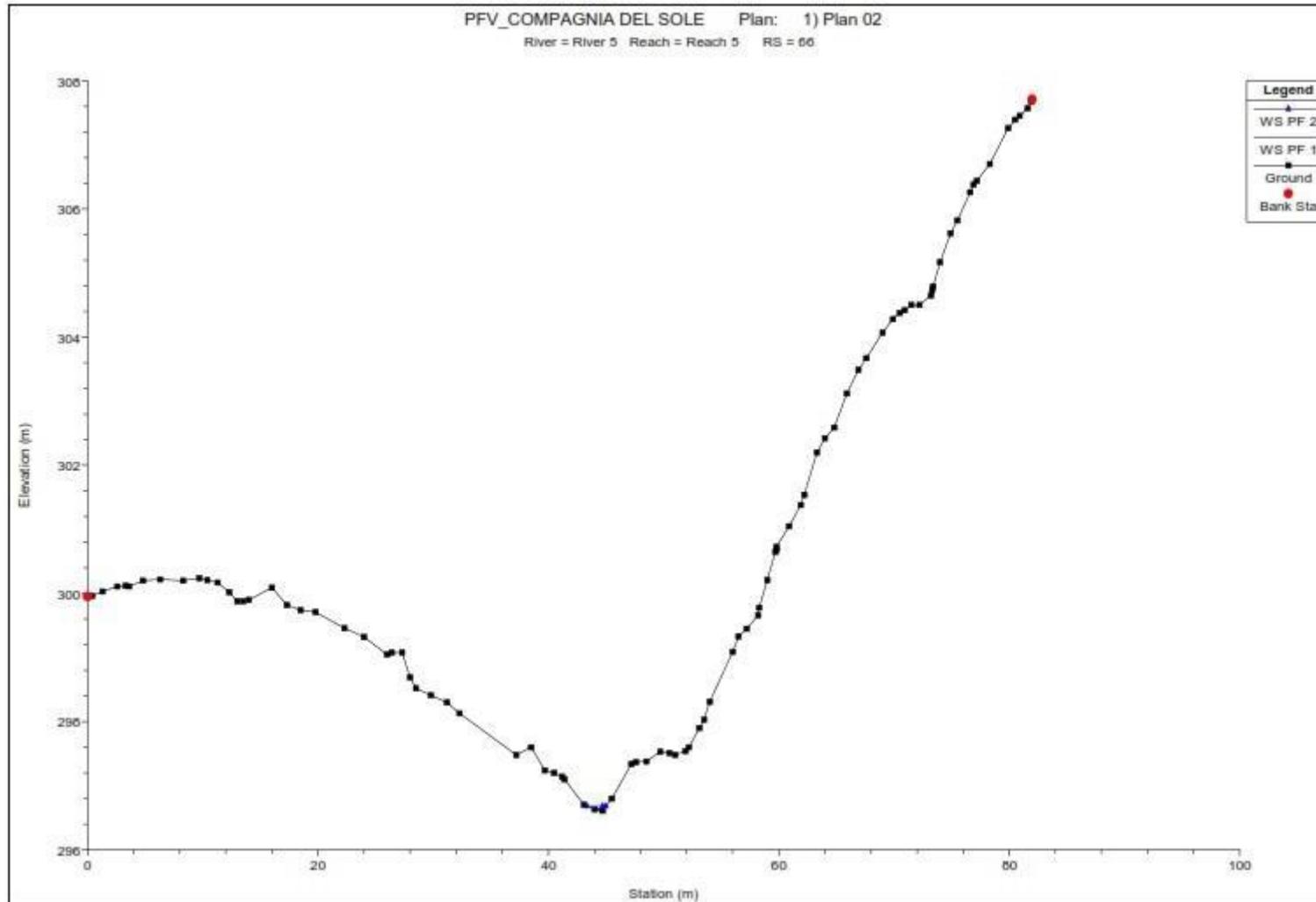


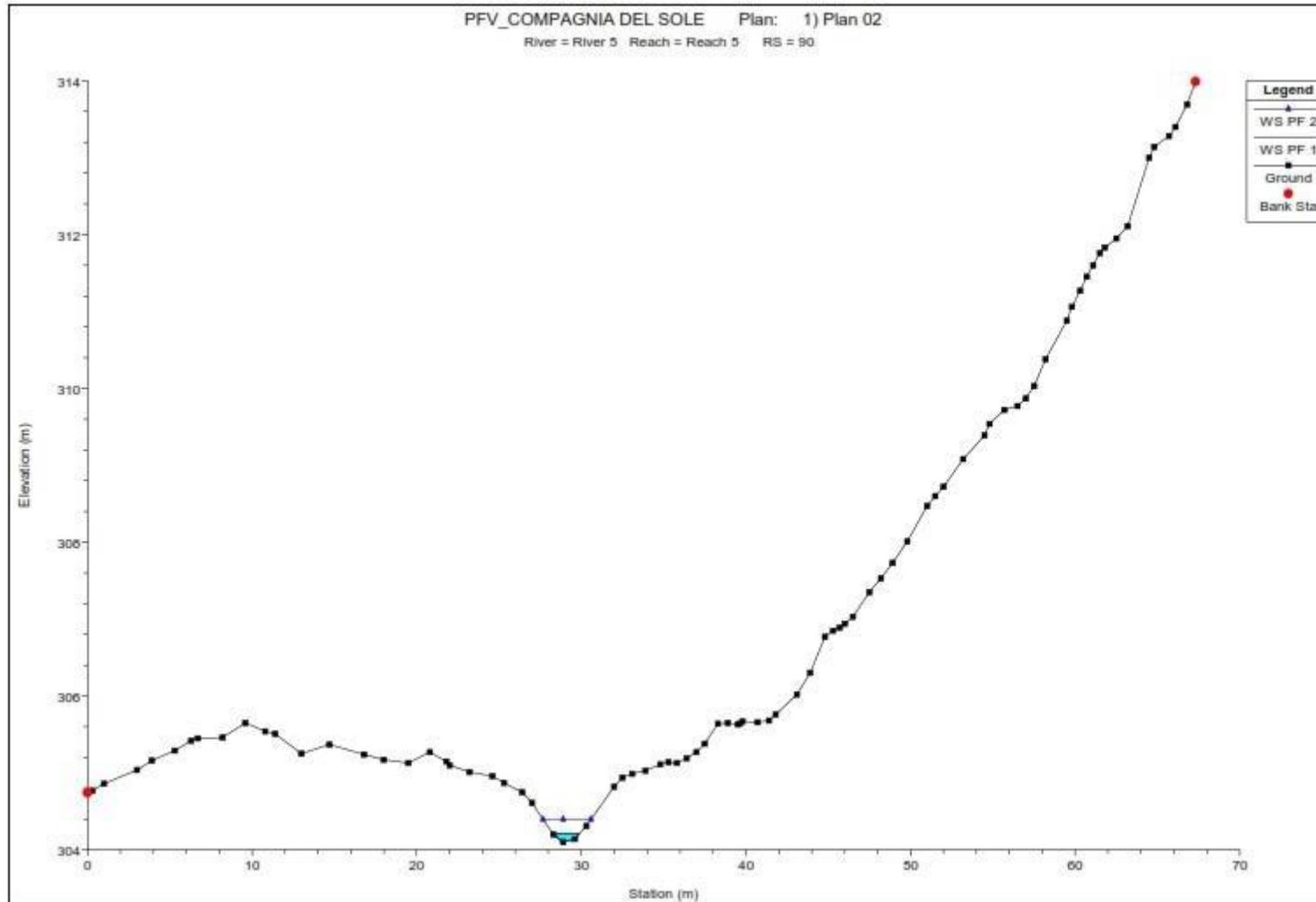


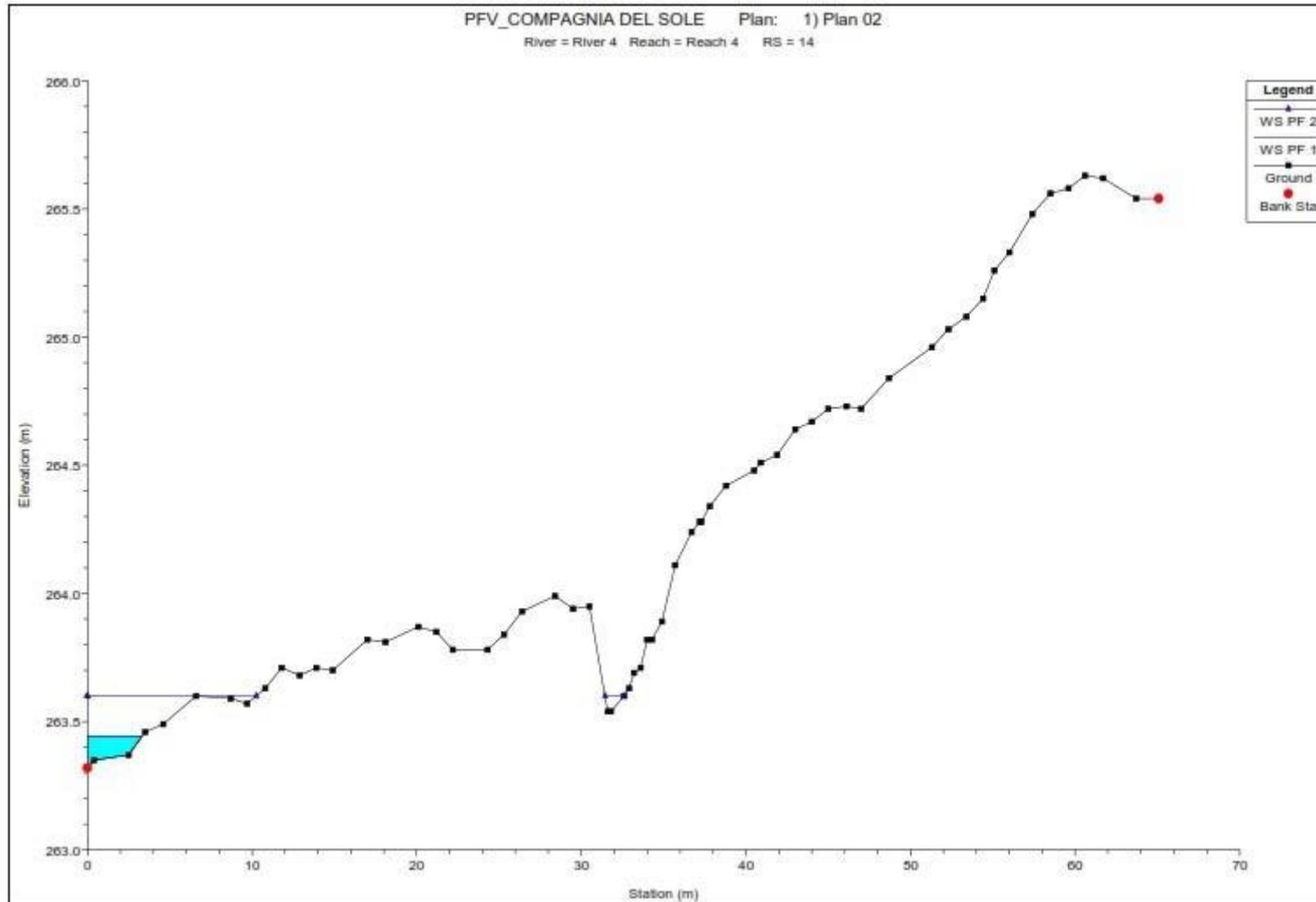


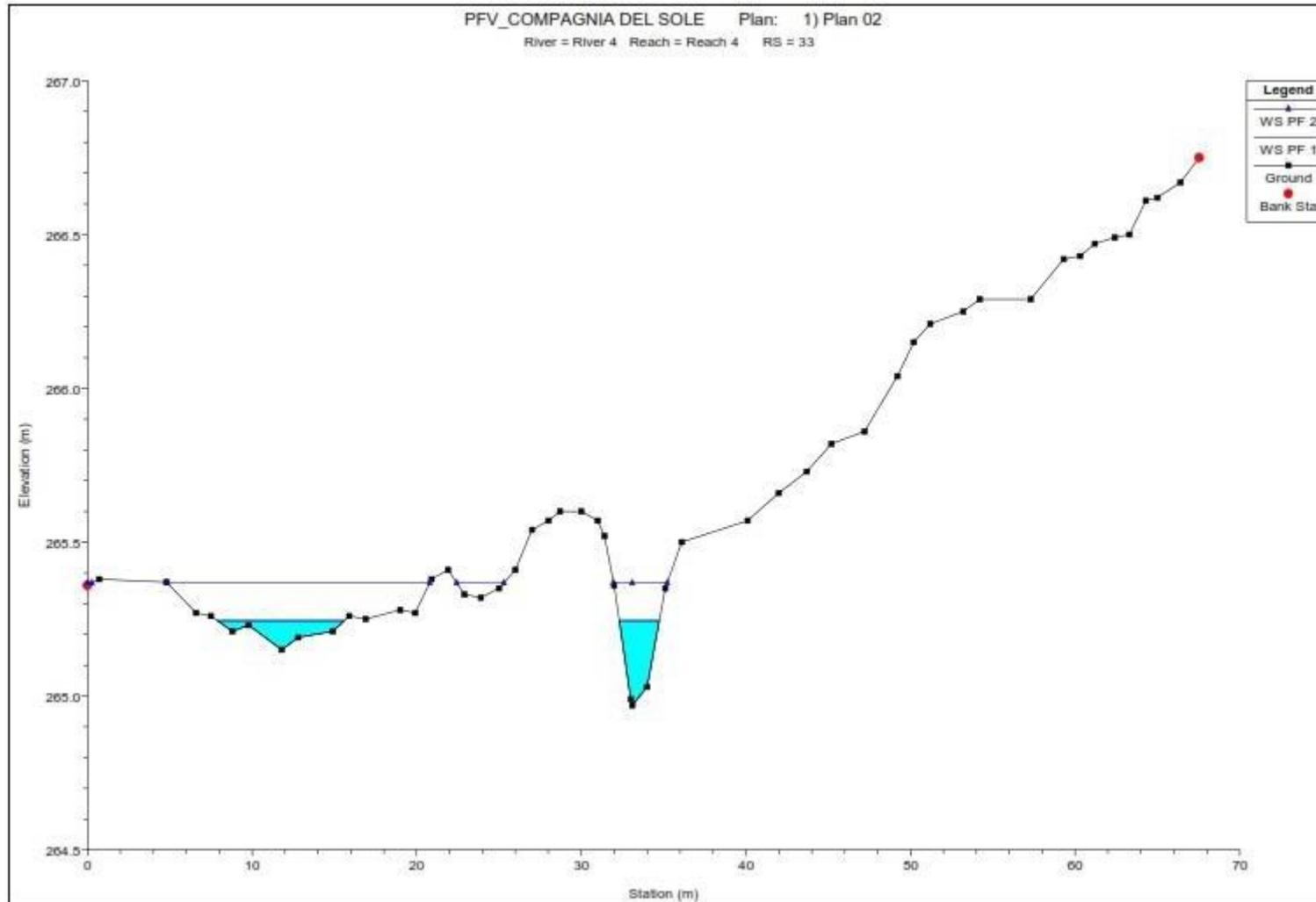


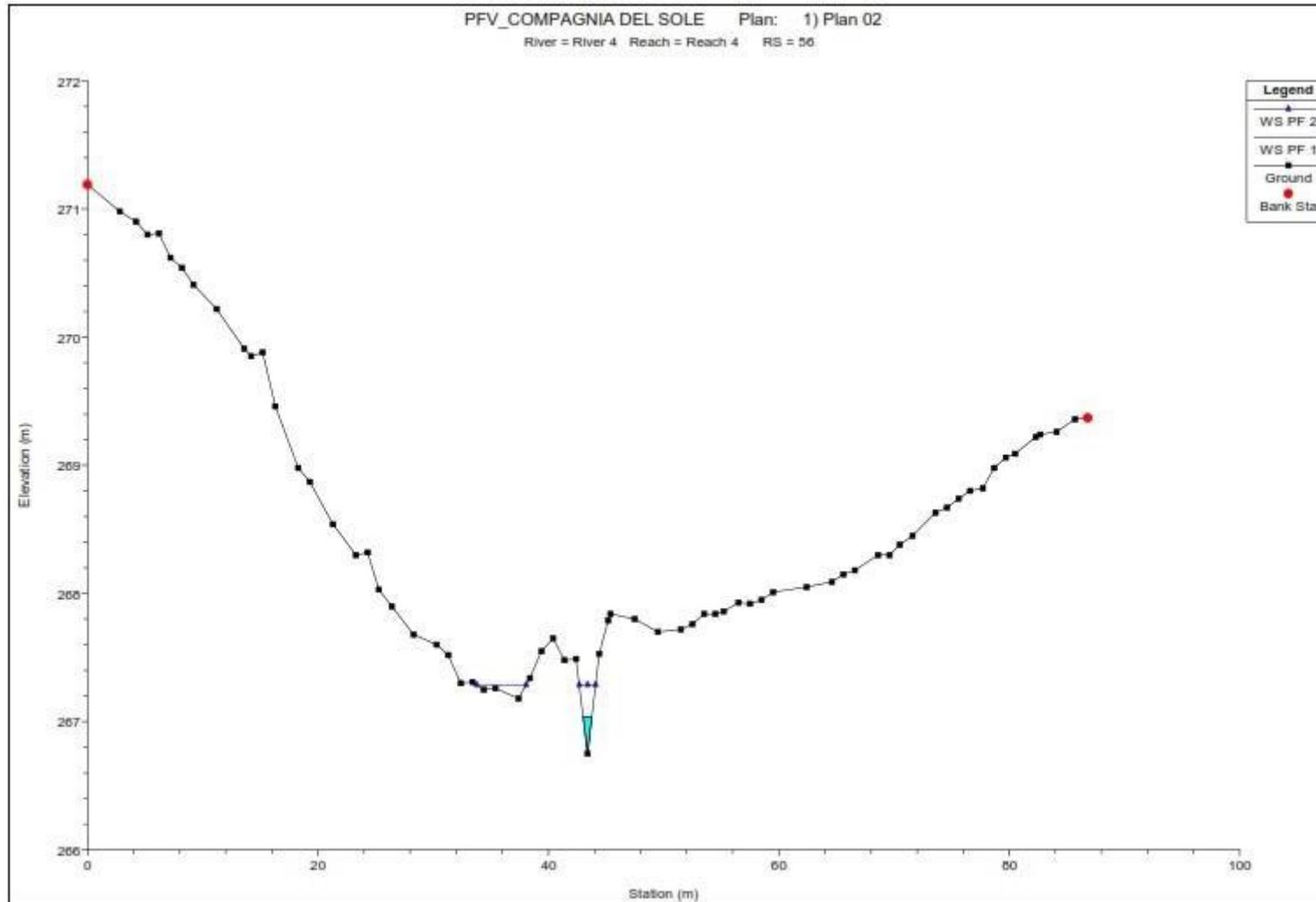


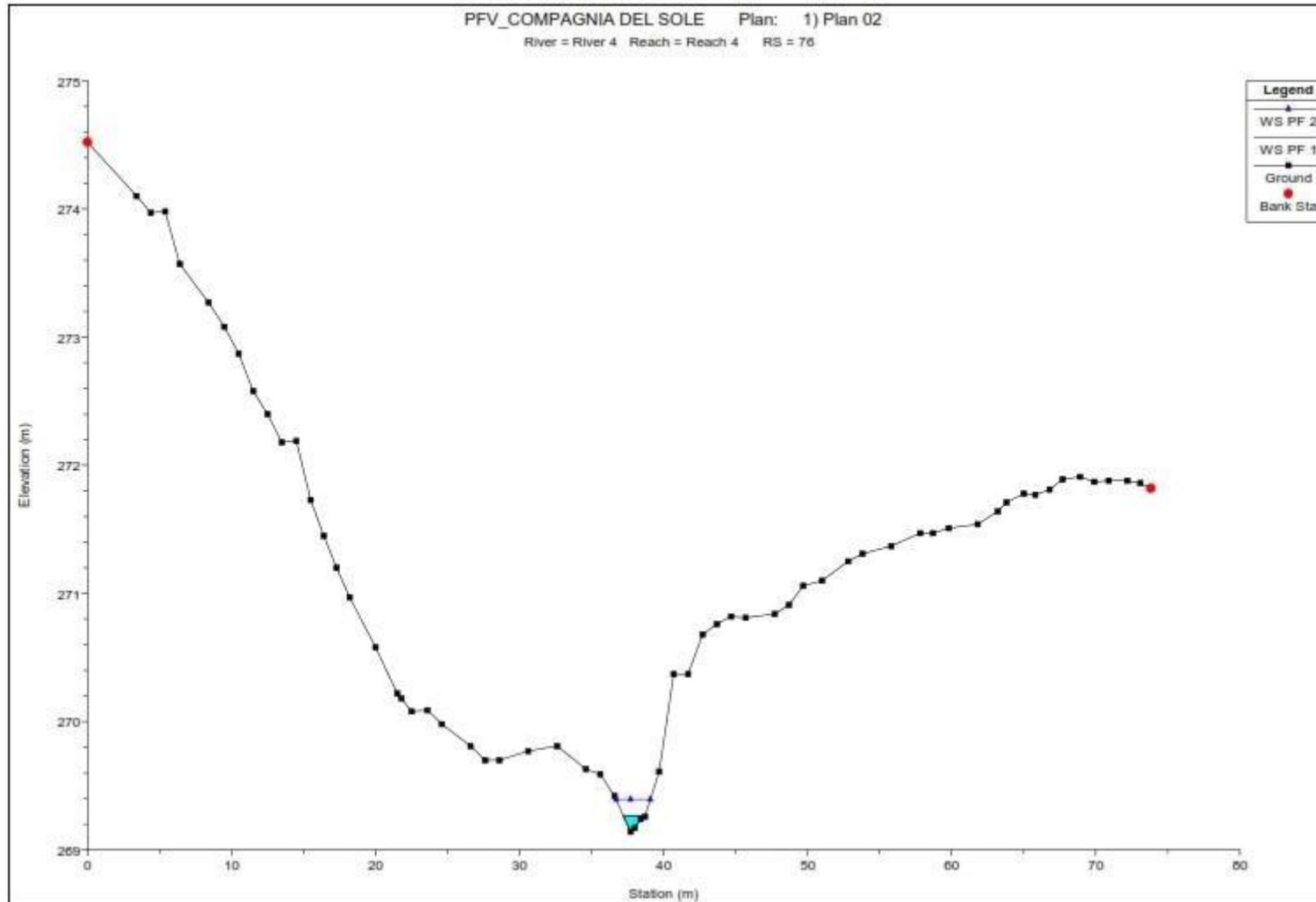


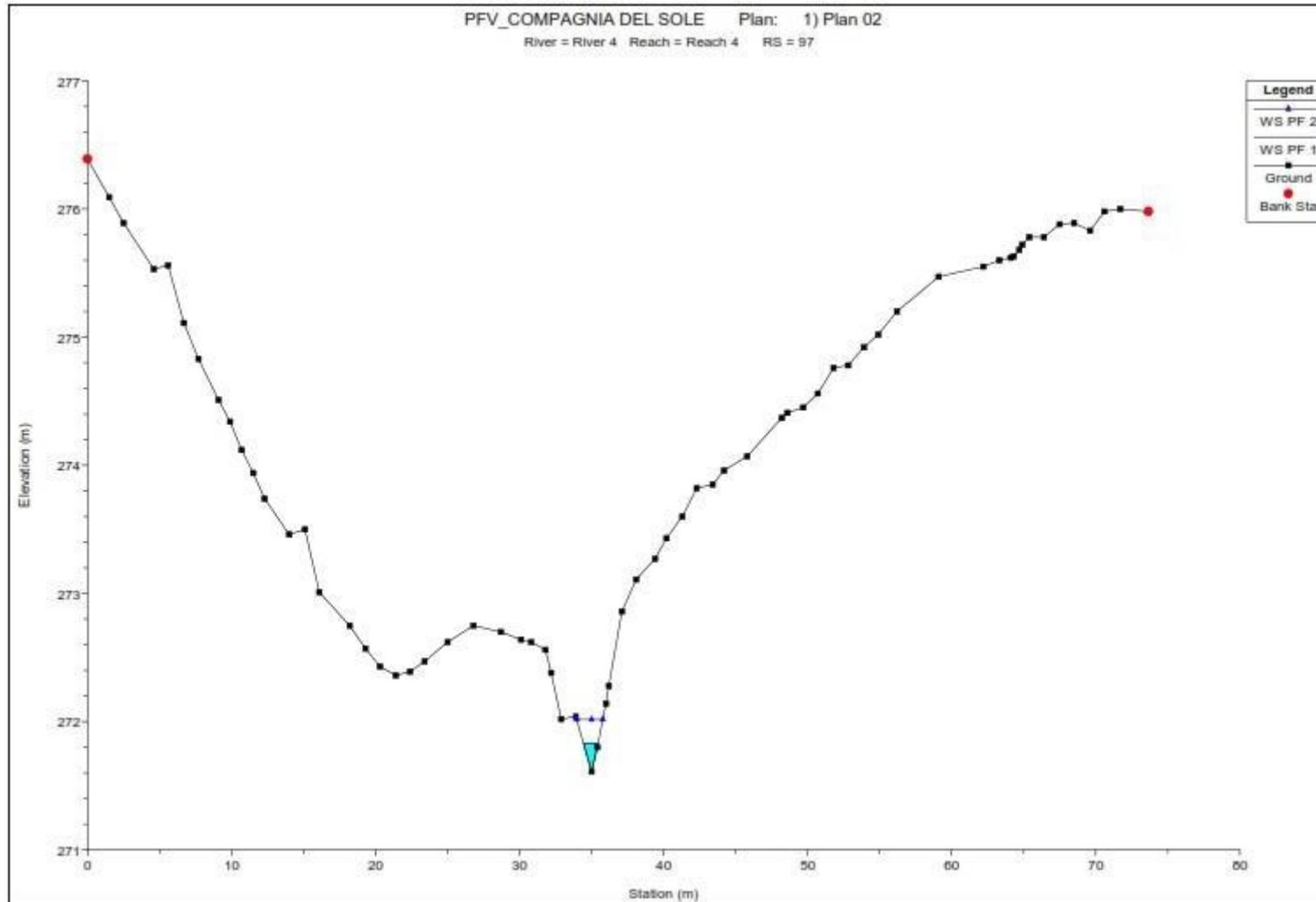


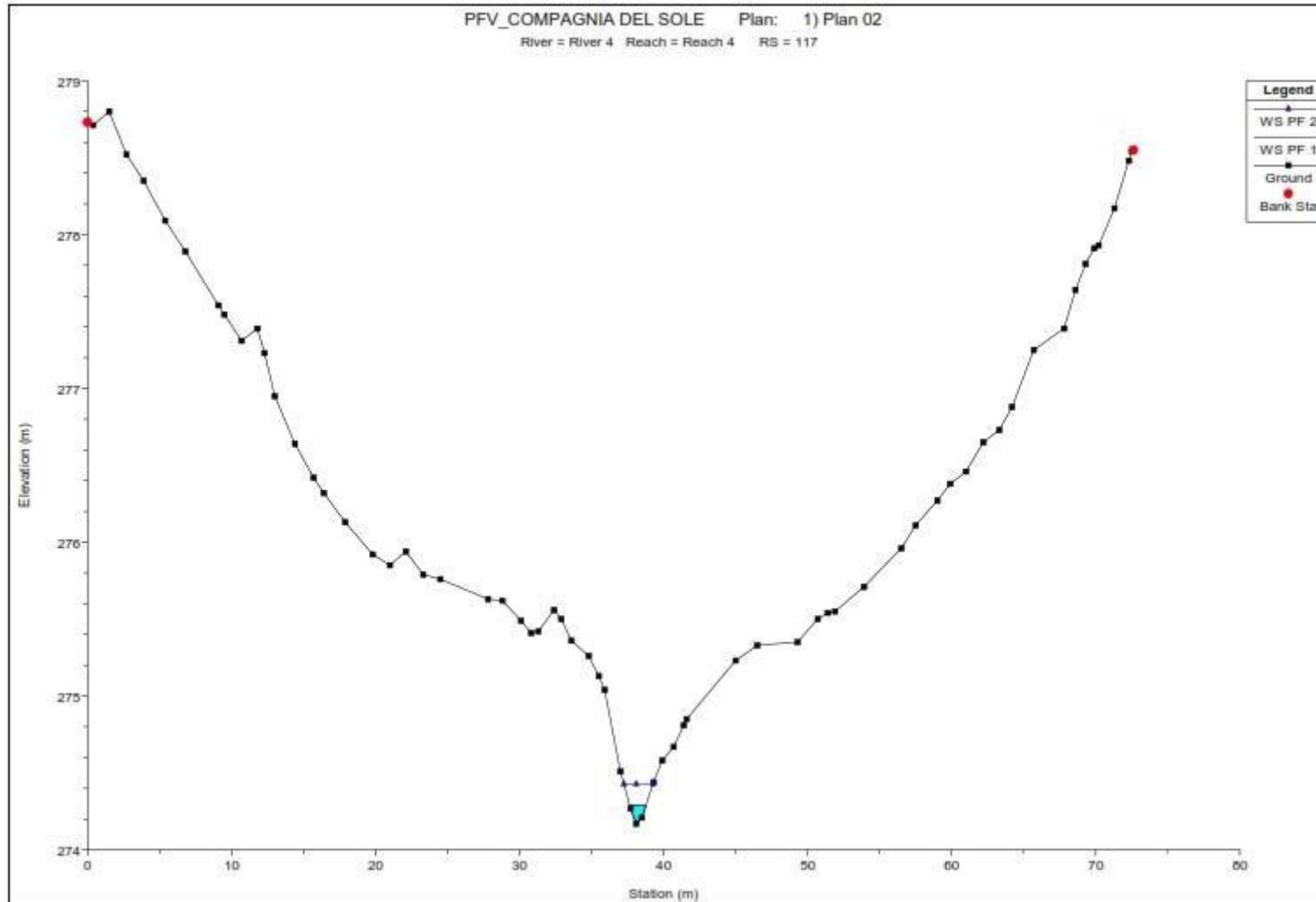


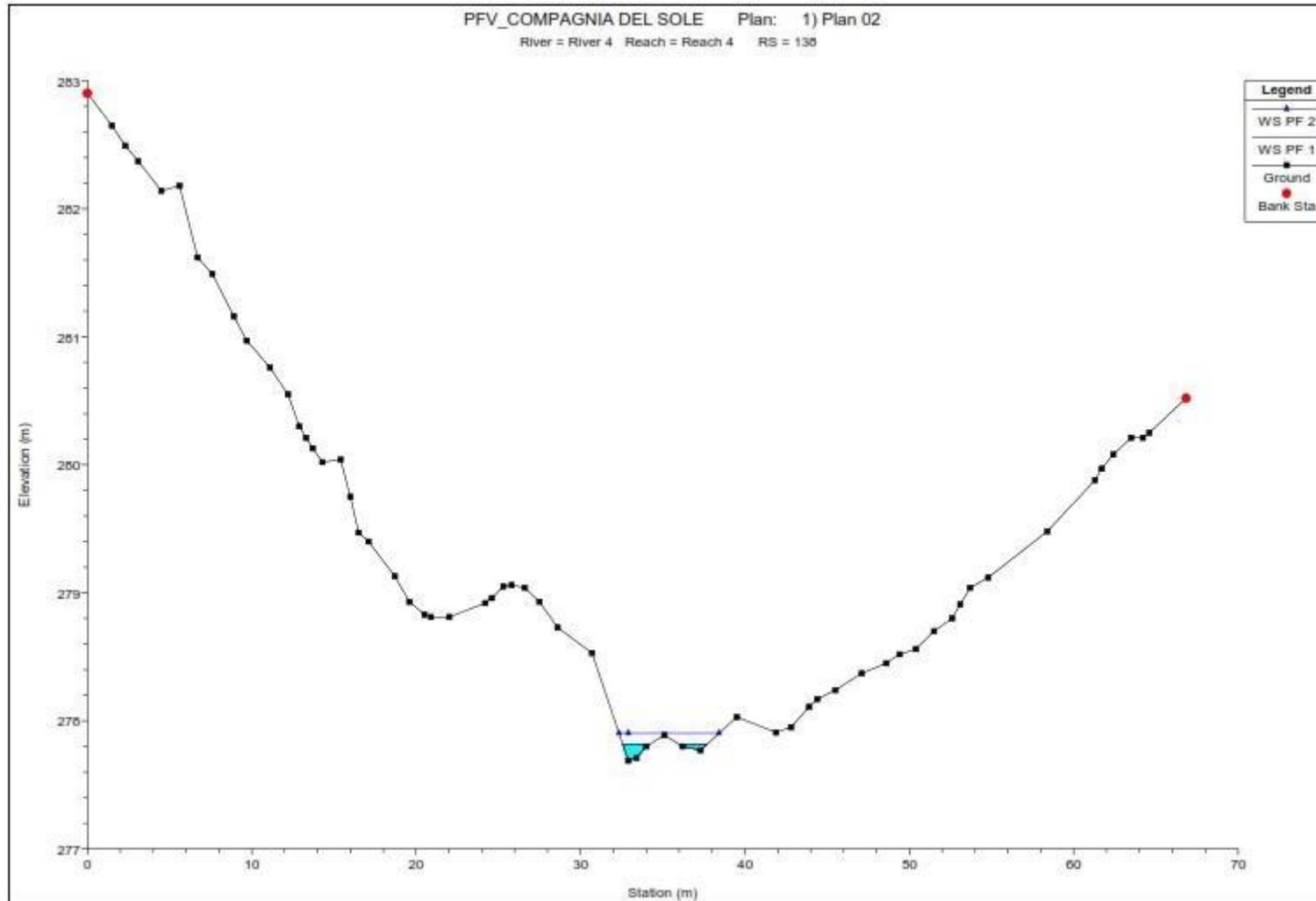


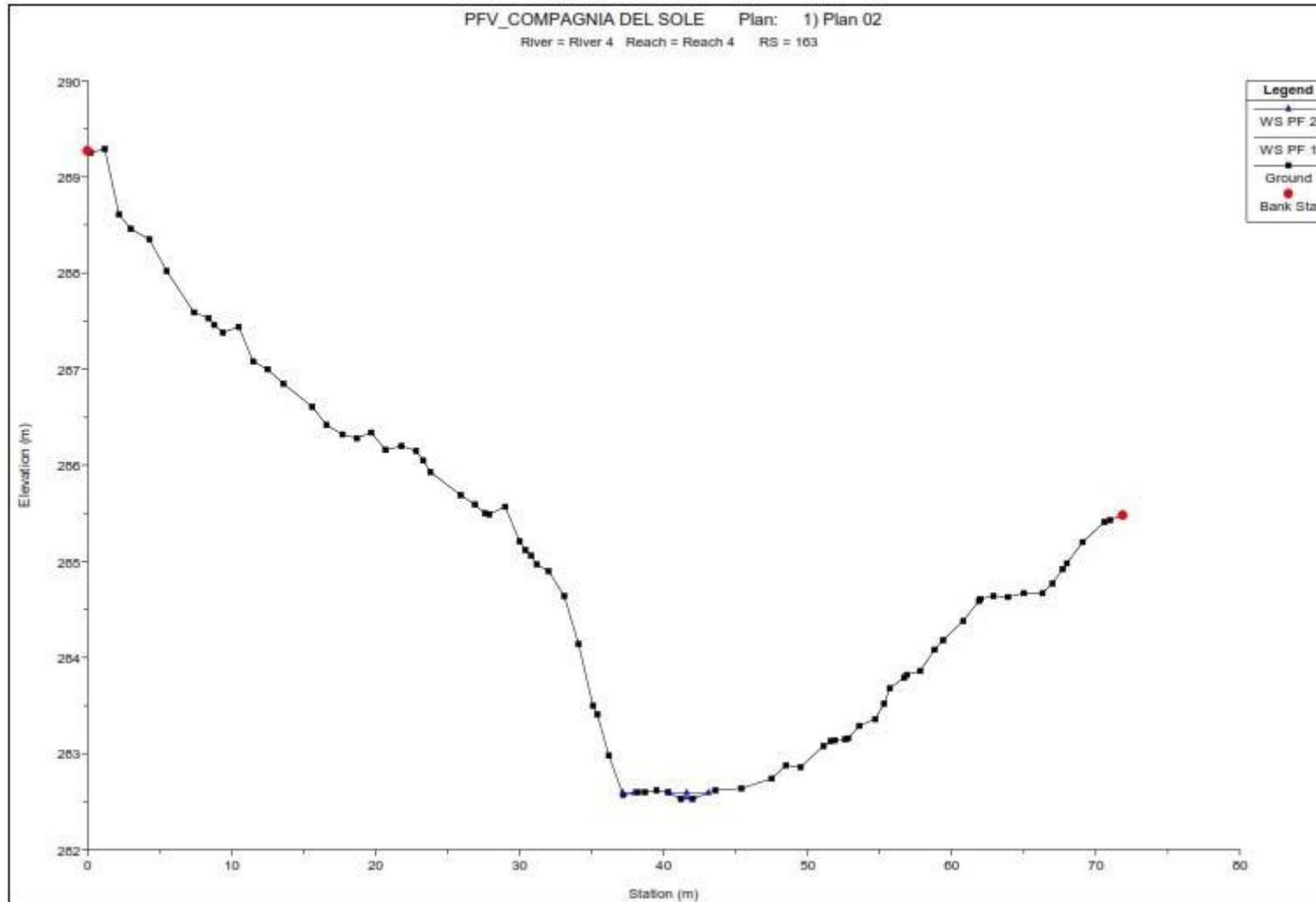


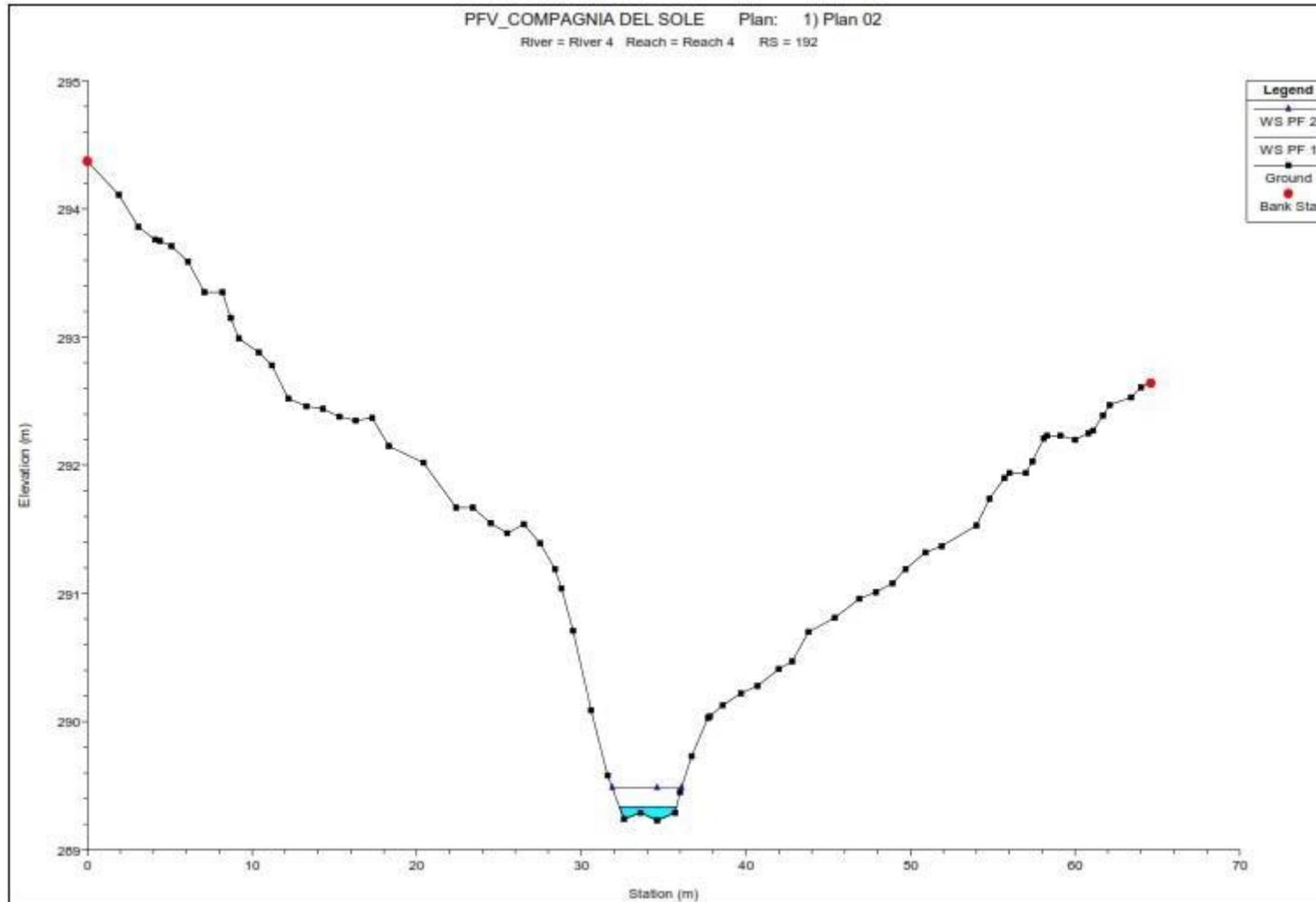


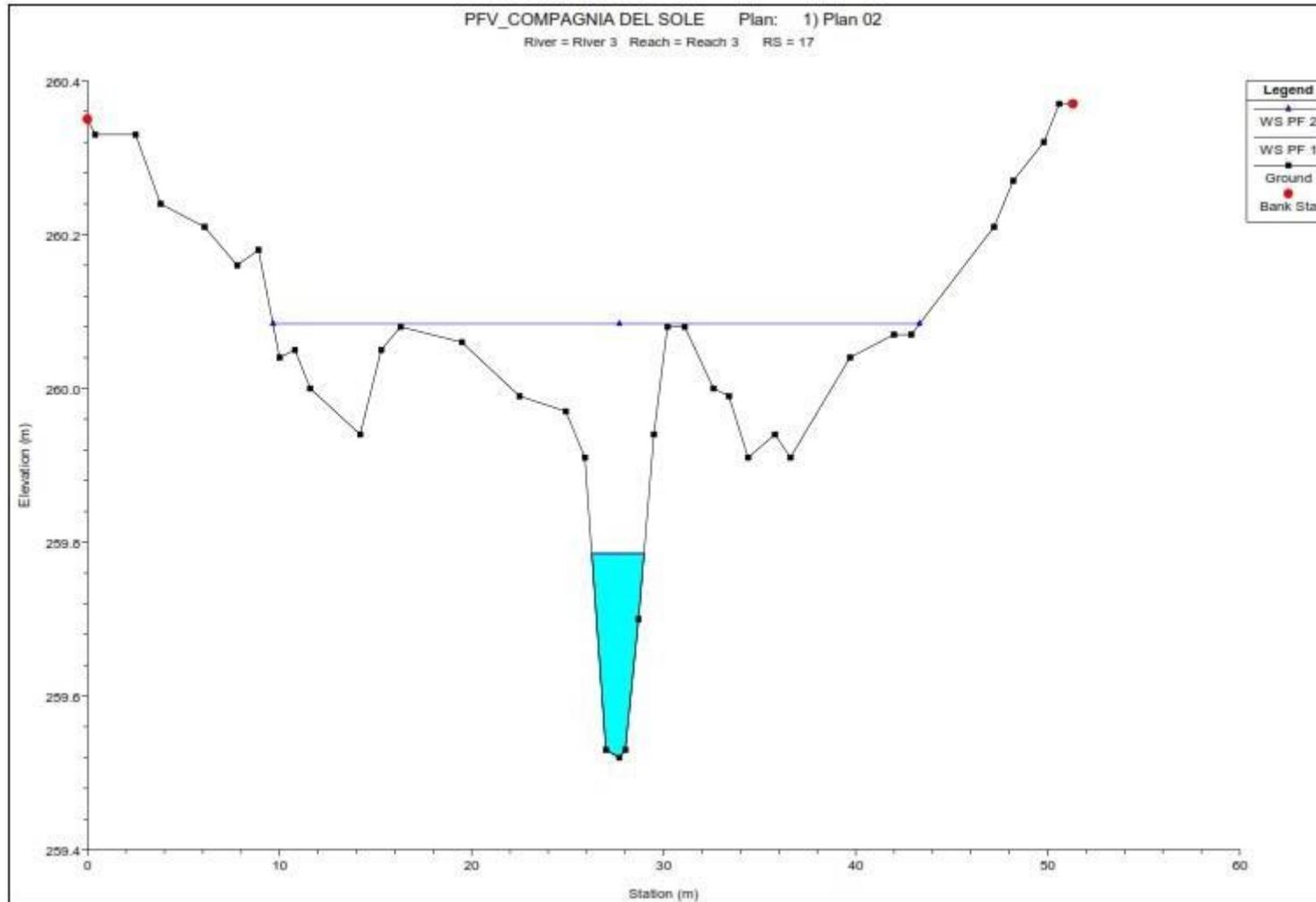


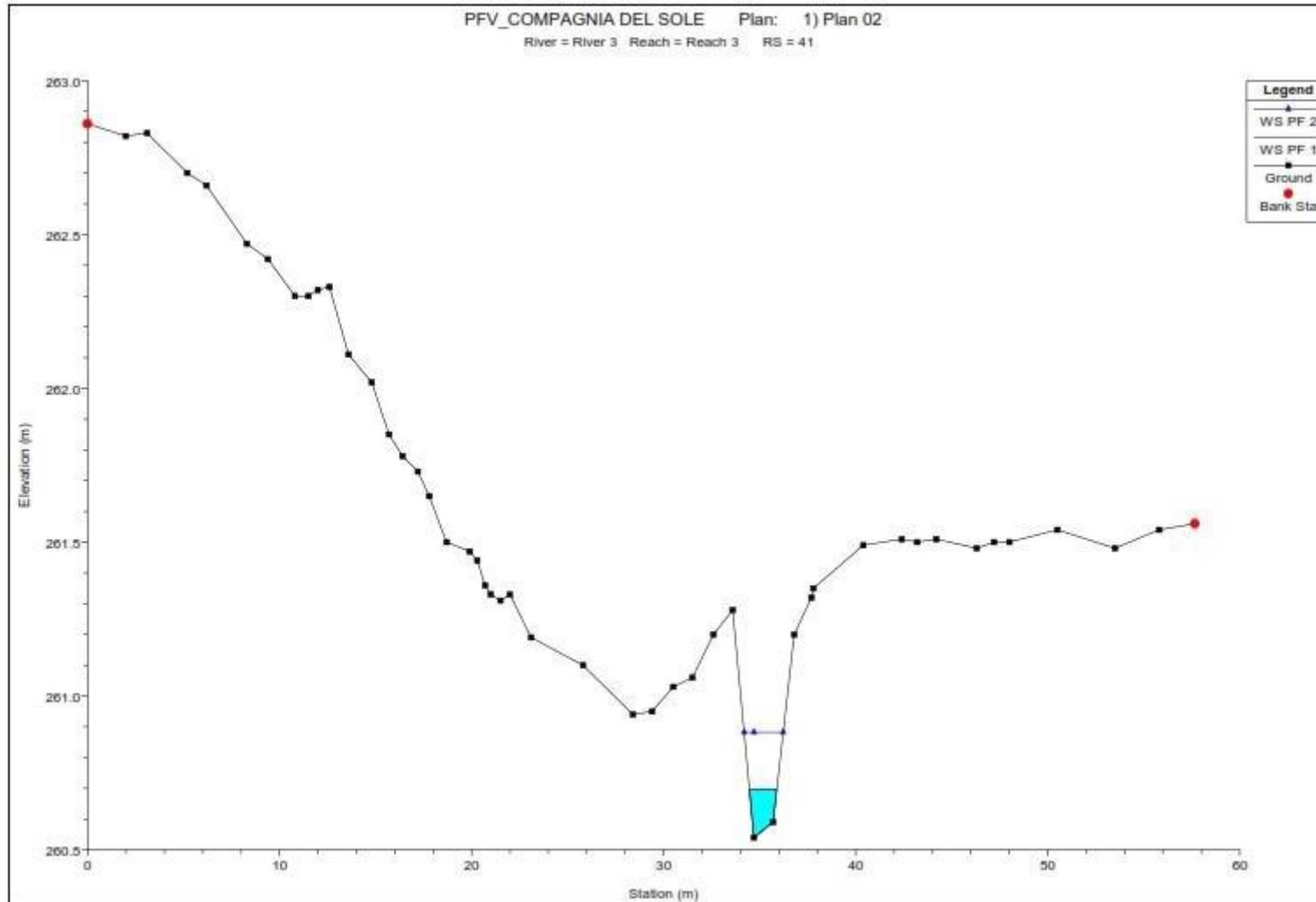


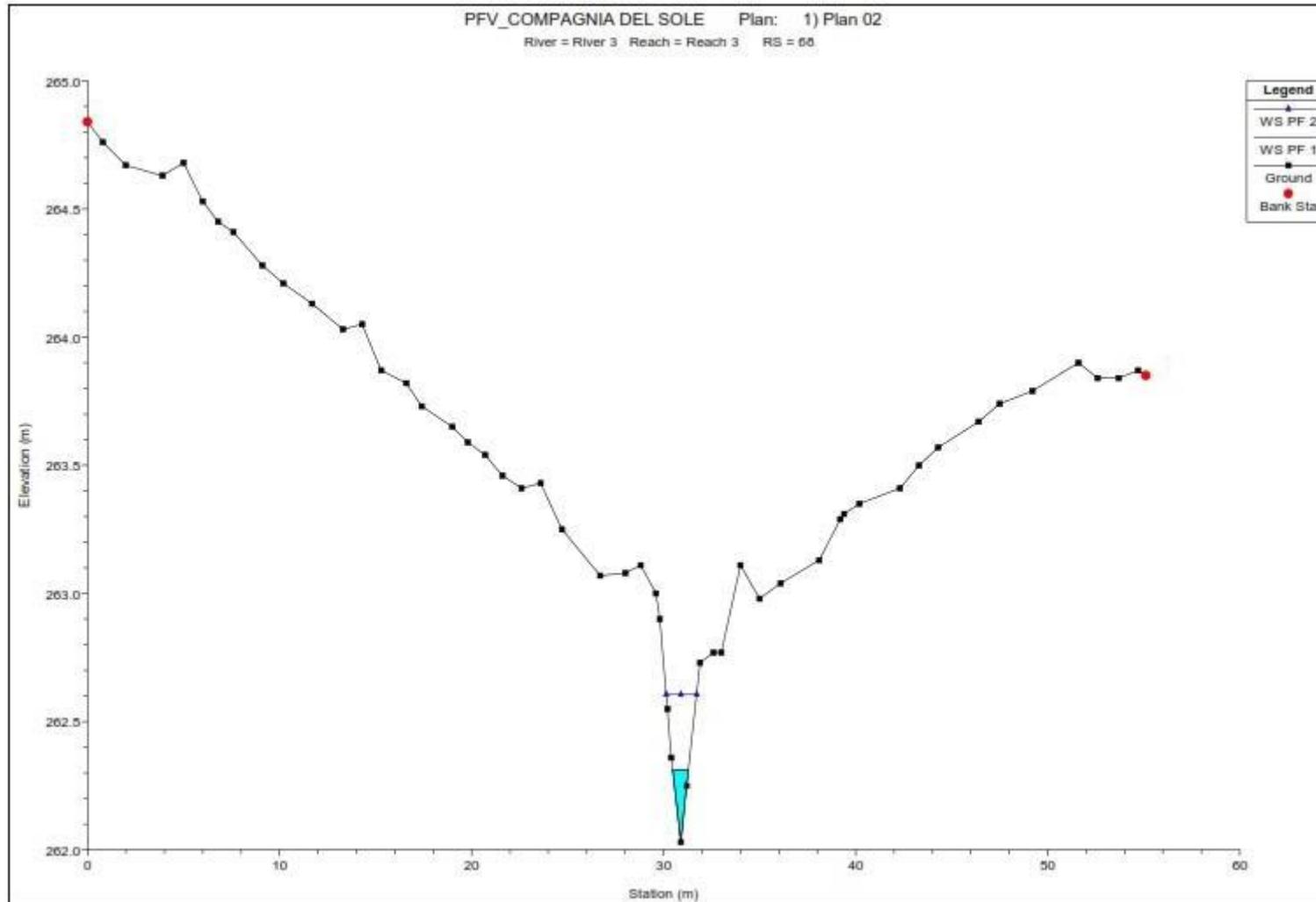


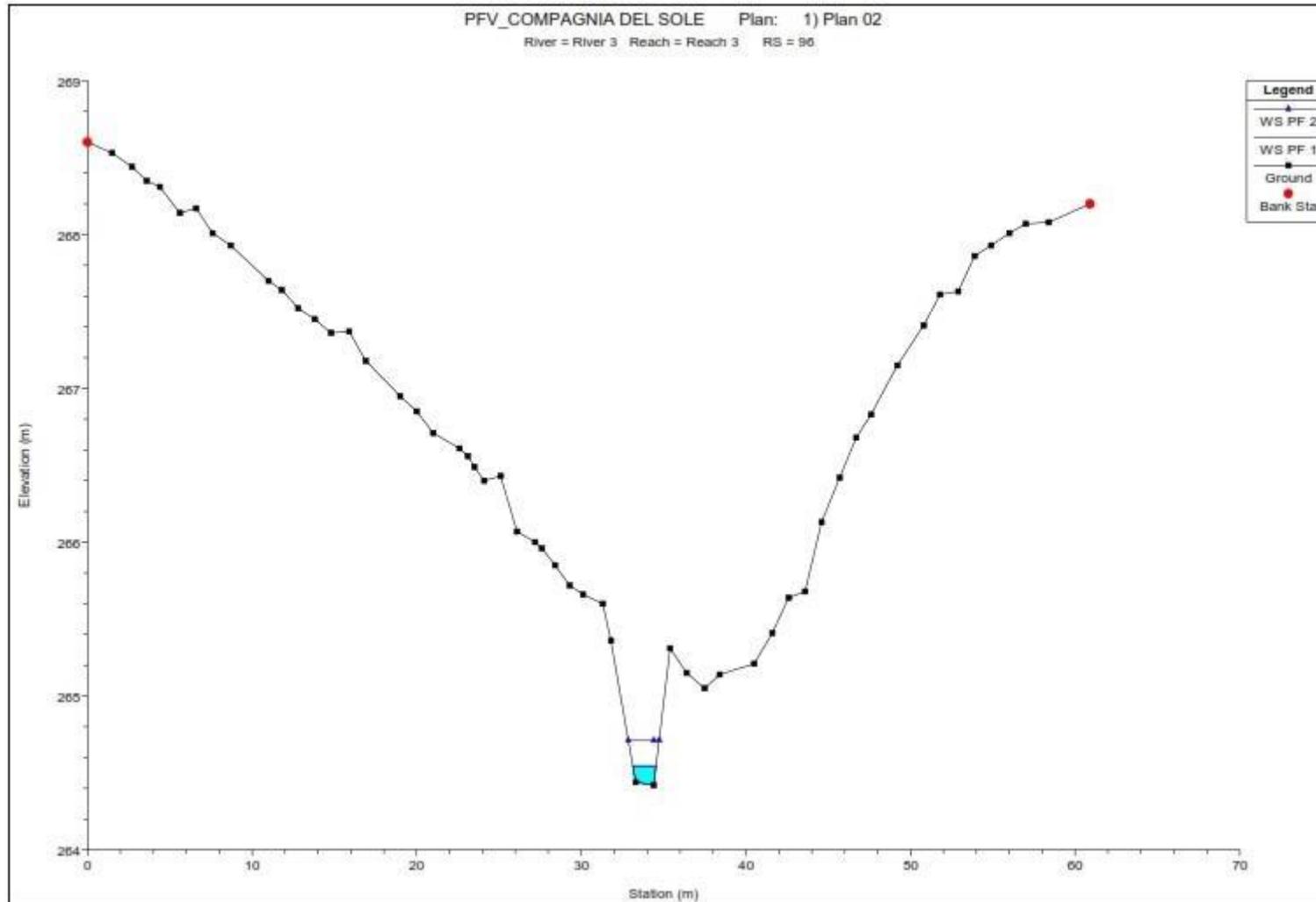


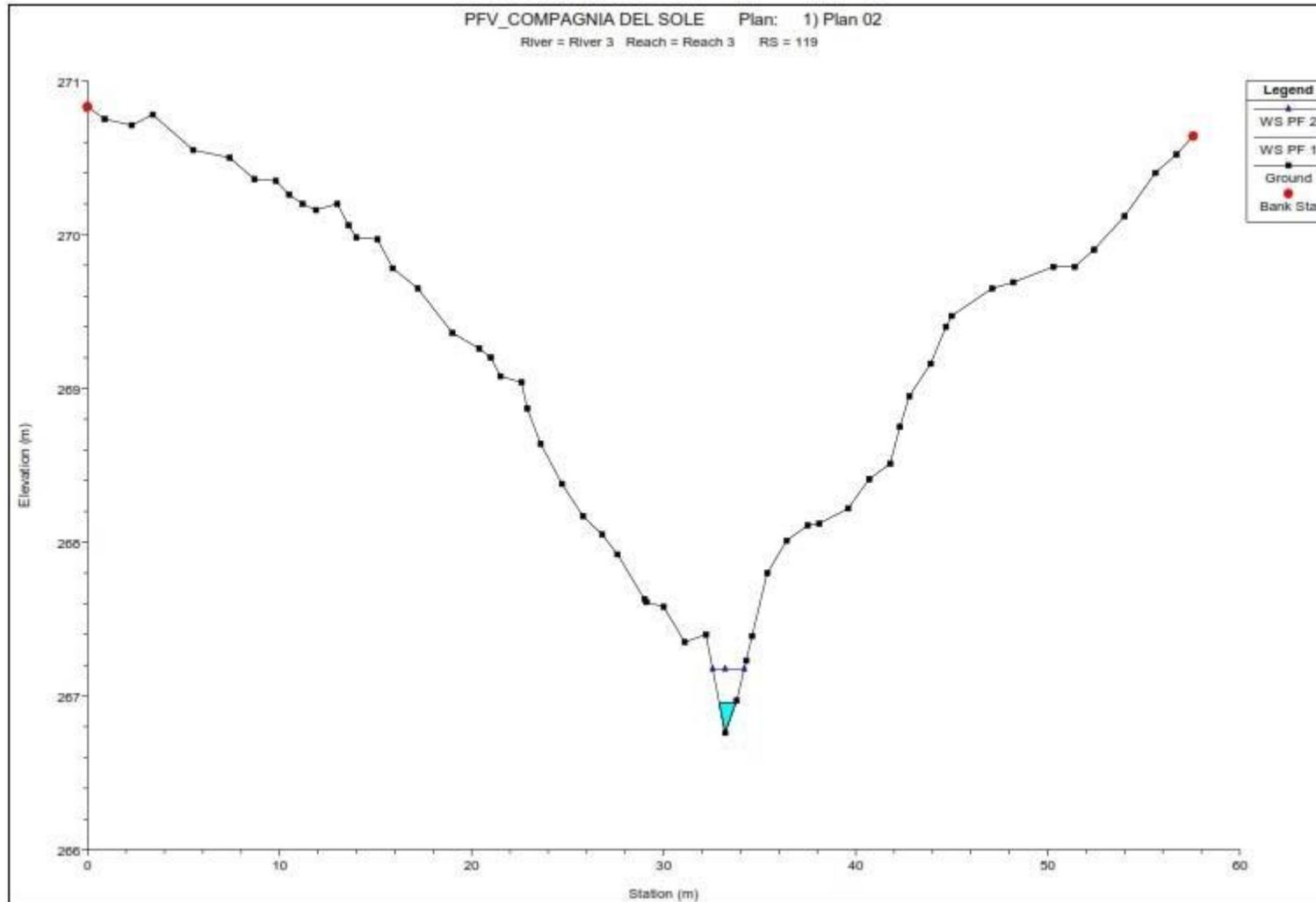


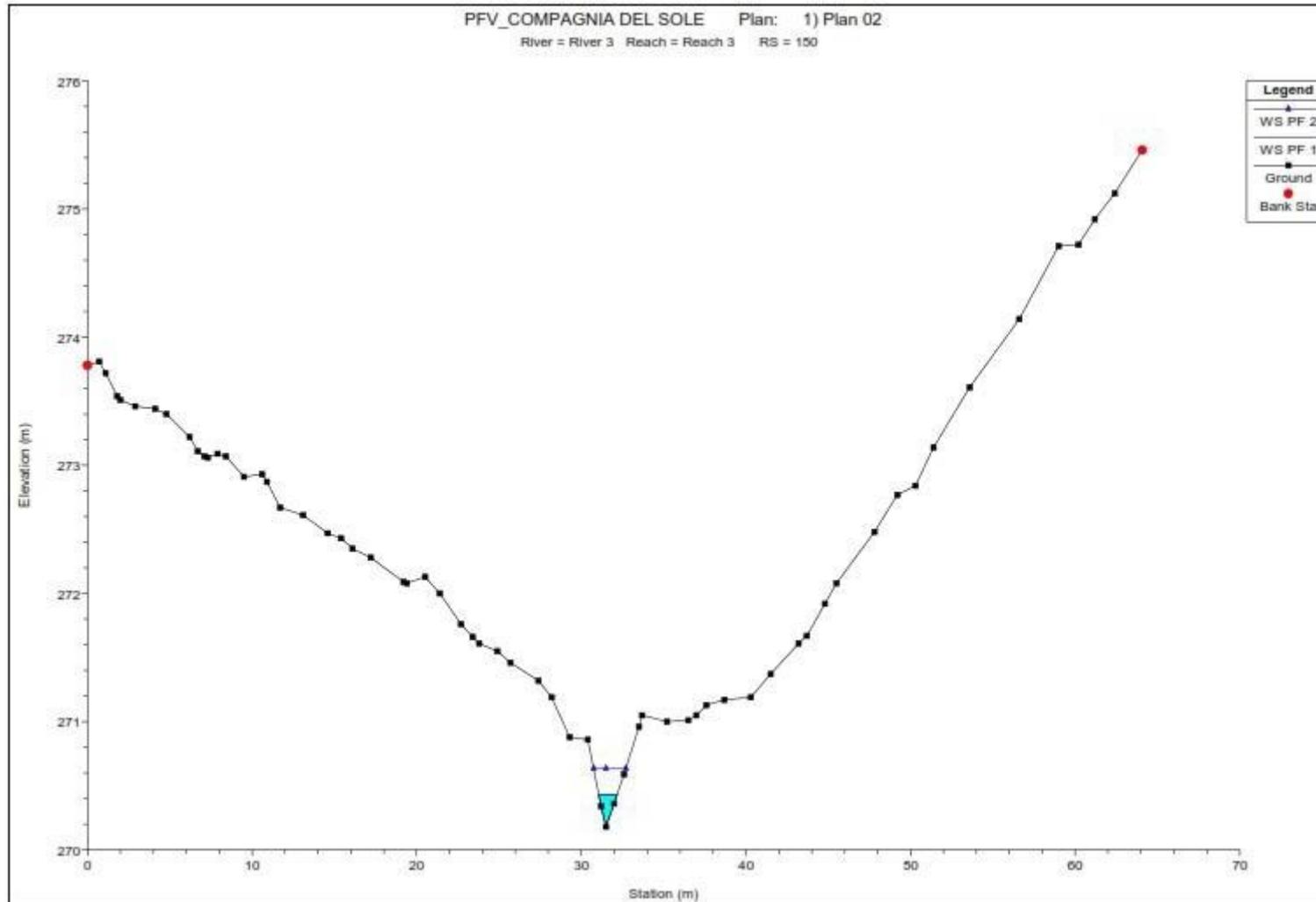


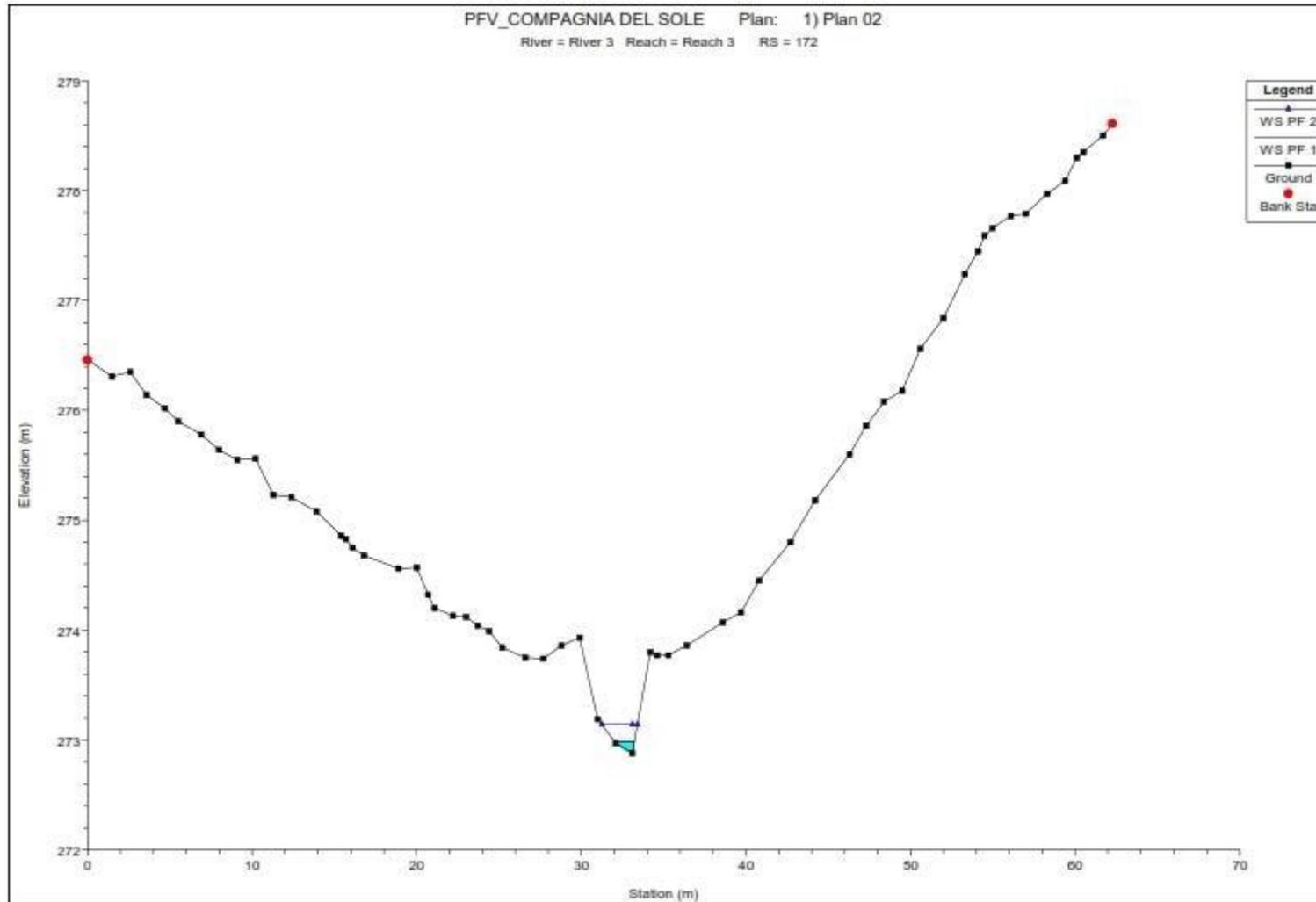


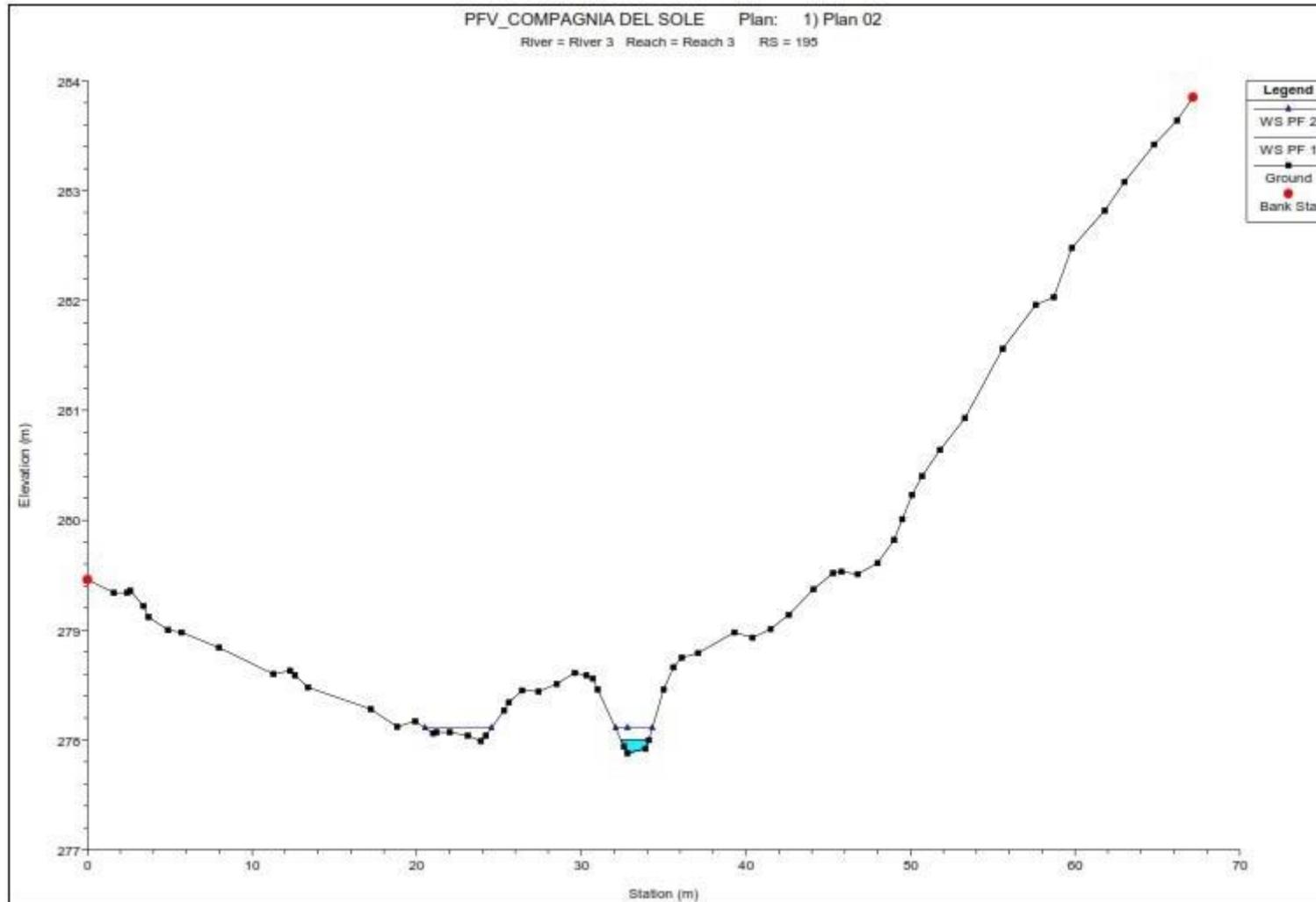












Il progettista
Dott. Ing. Carmen MARTONE