REGIONE
PUGLIA

CUP: *E32G11000200005*

FSC 2014-2020 "Patto per lo sviluppo della Regione Puglia"

PROGETTO DEFINITIVO

LAVORI DI COMPLETAMENTO DELL'ACQUEDOTTO DEL LOCONE - II LOTTO - DAL TORRINO DI BARLETTA AL SERBATOIO DI BARI-MODUGNO

Il Responsabile del Procedimento
ing. Massimo Pellegrini

PROGETTAZIONE

Progettisti
ing. Michelangelo GUASTAMACCHIA (Responsabile del progetto)
ing. Tommaso DI LERNIA
ing. Rosario ESPOSITO
ing. M. Alessandro SALIOLA
geom. Pietro SIMONE
geom. Giuseppe VALENTINO

Direzione Ingegneria

Il Direttore
ing. Andrea VOLPE

Il Responsabile Ingegneria di Progettazione
ing. Massimo PELLEGRINI

Elaborato	
G.9.11	**Profilo longitudinale della nuova condotta adduttrice principale da picc. 1067 a picc. 1245**

Codice Intervento P1063	*Codice SAP: 21/10993*	*Prot. N. 0093292* *Data 25/11/2019*	Scala: 1:200/1:2000

00	*NOV.2019*	*Emesso per PROGETTO DEFINITIVO*	/	/	/
N. Rev.	Data	Descrizione	Disegnato	Controllato	Approvato

Acquedotto Pugliese S.p.A. - 70121 Bari Via Cognetti, 36 - www.aqp.it - Telefono +39.080.5723111 C.F. e P.IVA 00347000721 REA C.C.I.A.A. di Bari n. 414092

CONDOTTE

LIVELLETTE

Profilo 11 da picchetto 1067 a 1245V

LEGENDA

1:200
1:2000

- Torrino
- Serbatoio
- Prese in carico
- Pozzetti
- Sfiati
- Scarichi
- P Scarichi principali
- 445V Vertici planimetrici
- ▨ Attraversamenti con NO-DIG
- ▩ Protezione per attraversamento impluvi

65.00

PICCHETTI

QUOTE TERRENO

QUOTE CIELO CONDOTTA

QUOTE FONDO CONDOTTA

QUOTE FONDO SCAVO

ALTEZZA DI SCAVO

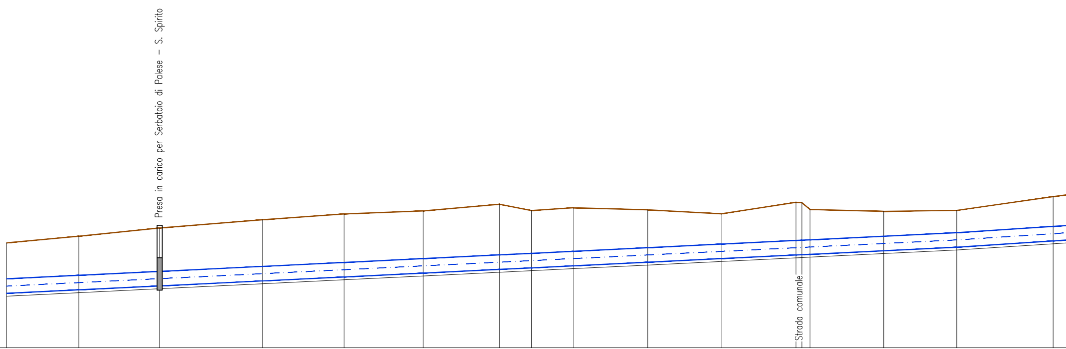
DISTANZE PARZIALI

DISTANZE PROGRESSIVE

ETTOMETRICHE

Condotta in acciaio 1000 mm

L=665.47 I=-0.49% DY=-3.23


Presa in carico per Serbatoio di Palese - S. Spirito
Strada comunale

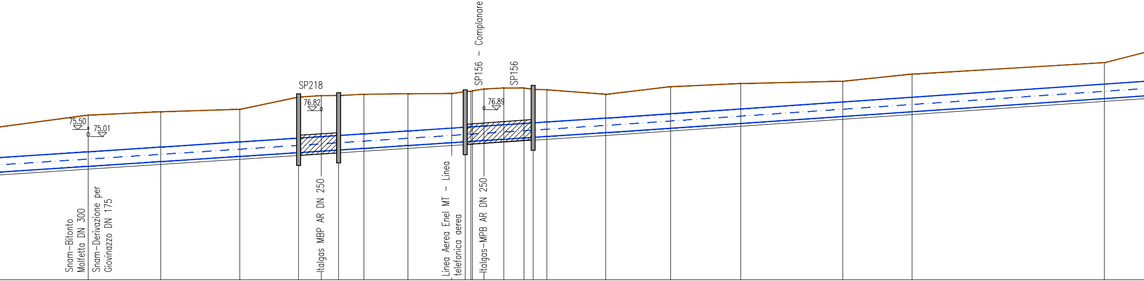
1067	72.34	69.82	68.80	68.60	3.74	50.60	41135.10
1068	72.80	70.07	69.05	68.85	3.95	56.59	41185.70
1069	73.38	70.34	69.33	69.13	4.25	72.07	41242.29
1070	73.95	70.69	69.67	69.47	4.48	57.08	41314.36
1071	74.36	70.97	69.95	69.75	4.61	55.42	41371.44
1072	74.57	71.24	70.22	70.02	4.55	53.56	41426.87
1073	75.04	71.49	70.48	70.28	4.76	22.17	41480.43
1074V	74.60	71.60	70.59	70.39	4.21	29.29	41502.60
1075	74.79	71.75	70.73	70.53	4.26	52.22	41531.89
1076	74.65	72.00	70.98	70.78	3.87	51.39	41584.11
1077	74.37	72.25	71.23	71.03	3.34	52.45	41635.51
1078	75.17	72.51	71.49	71.29	3.88		41687.95
1079	75.15	72.52	71.51	71.31	3.84	5.68	41692.09
1080V	74.67	72.55	71.53	71.33	3.34	51.66	41697.78
1081	74.54	72.80	71.79	71.59	2.95	51.14	41749.44
1082	74.61	73.05	72.03	71.83	2.78	67.42	41800.57
1083V	75.57	73.49	72.48	72.28	3.29		41867.99

412 413 414 415 416 417 418

Condotta in acciaio 1000 mm

L=500.68 I=-0.65% DY=-3.25

L=640.23 I=-0.68% DY=-4.17

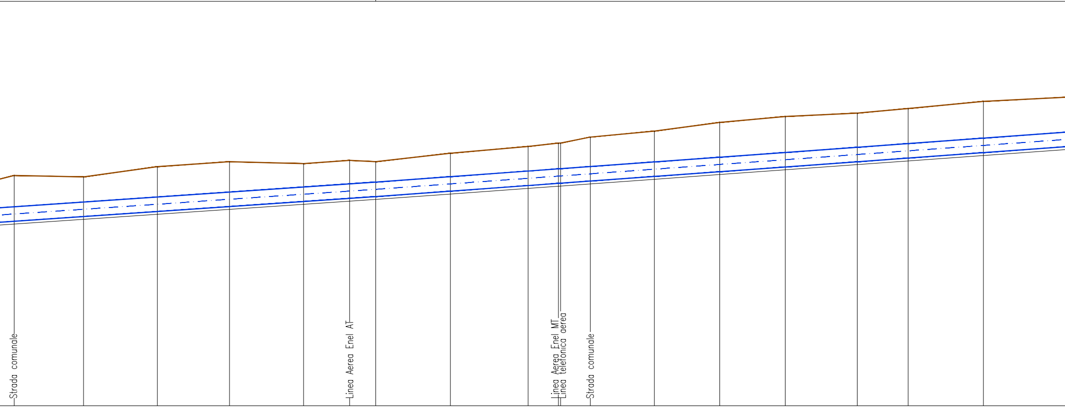

SP218
76.82
75.50
75.01
SP156 - Complanare
SP156
76.89
Snam-Bitonto Molfetta DN 300
Snam-Derivazione per Giovinazzo DN 175
Italgas MBP AR DN 250
Linea Aerea Enel MT - Linea telefonica aerea
Italgas-MPB AR DN 250

						70.85	
1084	76.51	73.95	72.93	72.73	3.78		41938.84
						50.78	
1085	76.75	74.28	73.26	73.06	3.69		41989.62
						55.40	
1086	76.92	74.64	73.62	73.42	3.50		42045.02
						41.13	
1087	77.77	74.90	73.89	73.69	4.08		42086.15
						15.88	
1088	77.87	75.00	73.99	73.79	4.08		42102.03
						12.15	
1089	77.88	75.08	74.07	73.87	4.01		42114.18
						17.78	
1090	77.97	75.20	74.19	73.99	3.98		42131.96
						30.79	
1091	78.01	75.40	74.38	74.18	3.83		42162.75
						30.61	
1092	78.02	75.60	74.58	74.38	3.64		42193.37
						9.49	
1093V	78.15	75.66	74.65	74.45	3.70		42202.86
1094	78.18	75.68	74.67	74.47	3.71		42206.82
1095	78.21	75.69	74.68	74.48	3.73		42207.95
						8.03	
1096	78.34	75.75	74.73	74.53	3.81		42215.99
						13.92	
1097	78.41	75.84	74.82	74.62	3.79		42229.91
						14.10	
1098	78.41	75.93	74.91	74.71	3.70		42244.01
						6.44	
1099V	78.31	75.97	74.96	74.76	3.55		42250.45
						9.60	
1100	78.29	76.03	75.01	74.81	3.48		42260.05
						41.20	
1101	77.97	76.30	75.28	75.08	2.89		42301.25
						45.46	
1102	78.50	76.61	75.59	75.39	3.11		42346.71
						49.11	
1103	78.72	76.95	75.93	75.73	2.99		42395.82
						71.47	
1104V	78.88	77.43	76.41	76.21	2.66		42467.29
						48.55	
1105	79.38	77.76	76.74	76.54	2.83		42515.83
						134.71	
1106	80.18	78.66	77.66	77.46	2.71		42650.54
						37.63	

419 420 421 422 423 424 425 426

Condotta in acciaio 1000 mm

L=711.49 I=-0.72% DY=-5.14

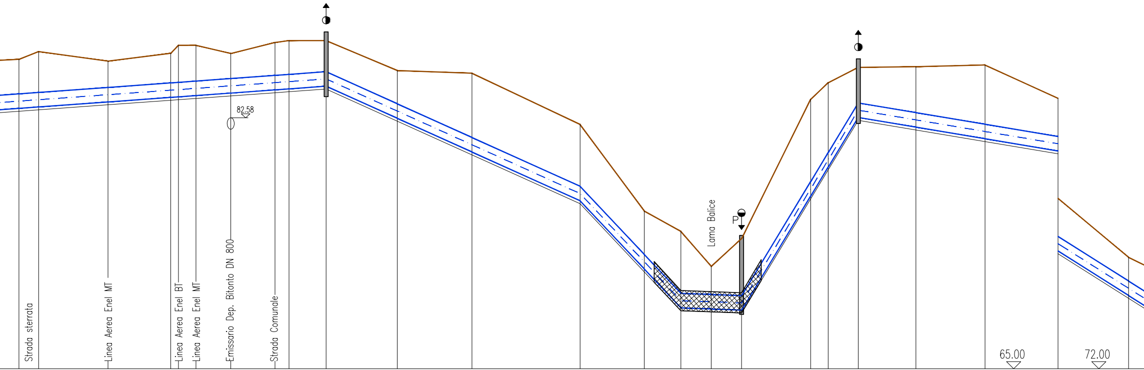

Strada comunale
Linea Aerea Enel AT
Linea Aerea Enel MT
Linea telefonica aerea
Strada comunale

1107	1108	1109	1110	1111	1112	1113	1114	1115	1116	1117	1118	1119	1120	1121	1122	**1123V**	1124
81.13	81.03	81.75	82.10	81.96	82.19	82.10	82.69	83.16	83.40	83.40	83.82	84.24	84.85	85.26	85.50	85.82	86.32
78.94	79.27	79.63	79.97	80.32	80.55	80.67	81.05	81.44	81.60	81.61	81.76	82.08	82.41	82.74	83.11	83.36	83.75
77.92	78.25	78.61	78.95	79.30	79.53	79.65	80.03	80.43	80.58	80.59	80.74	81.06	81.40	81.73	82.09	82.34	82.73
77.72	78.05	78.41	78.75	79.10	79.33	79.45	79.83	80.23	80.38	80.39	80.54	80.86	81.20	81.53	81.89	82.14	82.53
3.41	2.97	3.34	3.35	2.85	2.86	2.65	2.86	2.93	3.02	3.01	3.28	3.38	3.65	3.73	3.61	3.68	3.79
48.65	51.72	50.50	51.89	32.33	18.23	52.35	54.43	21.30		20.84	44.88	45.84	45.90	50.40	35.70	52.70	70.46
42688.17	42736.82	42788.53	42839.03	42890.93	42923.25	42941.48	42993.83	43048.26	43069.56	43071.01	43091.85	43136.73	43182.57	43228.47	43278.87	43314.56	43367.26

427 428 429 430 431 432 433 434

Condotta in acciaio 1000 mm

L=177.95 I=4.51% DY=8.03	L=70.62 I=10.62% DY=7.5	L=42.51 I=0.38% DY=0.16	L=81.78 I=-16.51% DY=-13.5	L=139.95 I=1.68% DY=2.35	L=96.95 I=6.32%

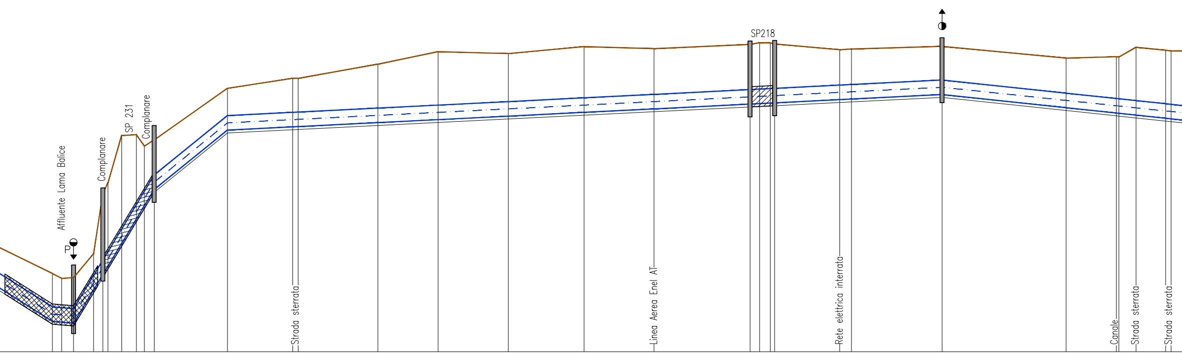

Strada sterrata
Linea Aerea Enel MT
Linea Aerea Enel BT
Linea Aerea Enel MT
Emissario Dep. Bitonto DN 800
82.58
Strada Comunale
Lama Balice
65.00
72.00

1125	86.68	84.26	83.24	83.04	3.64		43437.73
1126	87.22	84.36	83.34	83.14	4.08	13.82	43451.55
1127	86.55	84.71	83.69	83.49	3.06	48.62	43500.16
1128	87.10	85.02	84.01	83.81	3.29	43.94	43544.10
1129	87.66	85.06	84.05	83.85	3.81	5.42	43549.52
1130	87.66	85.15	84.14	83.94	3.72	12.25	43561.76
1131	87.08	85.33	84.31	84.11	2.97	24.35	43586.11
1132	87.85	85.55	84.53	84.33	3.52	31.01	43617.12
1133V	87.99	85.62	84.61	84.41	3.58	9.80	43626.93
1134	87.99	85.81	84.79	84.59	3.40	26.04	43652.97
1135	85.89	83.56	82.55	82.35	3.54	49.85	43702.82
1136	85.70	81.20	80.18	79.98	5.72	52.30	43755.12
1137	82.11	77.78	76.76	76.56	5.55	75.80	43830.92
1138	76.05	73.01	71.99	71.79	4.26	44.97	43875.89
1139	74.62	70.28	69.27	69.07	5.55	25.65	43901.53
1140	72.17	70.20	69.18	68.98	3.19	21.22	43922.76
1141	74.12	70.12	69.10	68.90	5.22	21.28	43944.04
1142	83.88	78.12	77.10	76.90	6.98	48.44	43992.48
1143V	85.04	80.15	79.13	78.93	6.11	12.29	44004.77
1144	86.11	83.62	82.61	82.41	3.70	21.06	44025.83
1145	86.16	82.94	81.93	81.73	4.43	40.35	44066.18
1146	86.28	82.13	81.12	80.92	5.36	48.43	44114.61
1147	83.94	81.27	80.25	80.05	3.89	51.17	44165.78
1148	79.81	78.15	77.13	76.93	2.88	49.40	44215.17

435 436 437 438 439 440 441 442

Condotta in acciaio 1000 mm

DY=6.13	L=14.84 I=0.81% DY=0.12	L=56.49 I=−16.55% DY=−9.35	L=51.3 I=−8.09% DY=−4.15	L=500.72 I=−0.5% DY=−2.49	L=254.05 I=1.06% DY=2.69


Affluente Lama Balice
P
Complanare
SP 231
Complanare
Strada sterrata
Linea Aerea Enel AT
SP218
Rete elettrica interrata
Canale
Strada sterrata
Strada sterrata

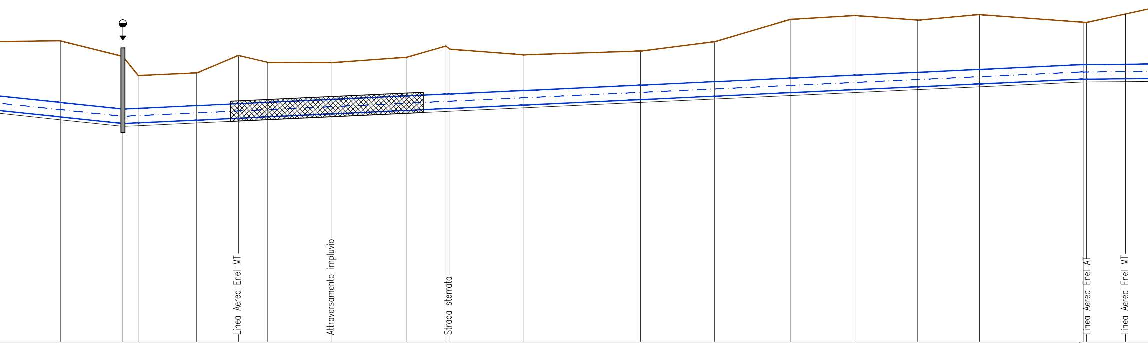
1149	77.47	75.14	74.13	73.93	3.54	44262.72
1150	77.13	75.09	74.08	73.88	3.25	44269.24
1151V	77.19	75.02	74.00	73.80	3.39	44277.56
1152	78.85	77.34	76.32	76.12	2.73	44291.54
1153	83.05	78.42	77.40	77.20	5.85	44298.06
1154	83.84	79.01	78.00	77.80	6.04	44301.68
1155	87.13	80.59	79.58	79.38	7.75	44311.26
1156	87.18	82.30	81.28	81.08	6.10	44321.55
1157	86.39	83.22	82.20	82.00	4.39	44327.13
1158	86.82	84.37	83.36	83.16	3.66	44334.05
1159	90.43	88.52	87.50	87.30	3.13	44385.35
1160	91.13	88.75	87.73	87.53	3.60	44431.13
1161	91.13	88.77	87.75	87.55	3.58	44434.96
1162	92.12	89.04	88.03	87.83	4.29	44490.77
1163V	92.99	89.25	88.24	88.04	4.95	44532.97
1164	92.86	89.50	88.48	88.28	4.58	44582.13
1165	93.35	89.77	88.75	88.55	4.80	44635.20
1166	93.20	90.01	88.99	88.79	4.41	44684.29
1167	93.50	90.34	89.33	89.13	4.37	44751.54
1168	93.62	90.38	89.36	89.16	4.46	44758.21
1169	93.61	90.41	89.39	89.19	4.42	44765.68
1170	93.53	90.43	89.41	89.21	4.32	44768.75
1171	93.13	90.65	89.64	89.44	3.69	44814.37
1172	93.18	90.69	89.68	89.48	3.70	44822.60
1173	93.36	91.01	89.99	89.79	3.57	44886.08
1174	92.54	90.09	89.07	88.87	3.67	44972.98
1175	92.64	89.71	88.70	88.50	4.14	45008.22
1176	92.62	89.69	88.68	88.48	4.14	45009.94
1177	93.30	89.57	88.56	88.36	4.94	45021.98
1178V	93.09	89.35	88.34	88.14	4.95	45042.76
1179	93.04	89.31	88.30	88.10	4.94	45046.55

47.55 | 6.52 | 8.32 | 13.98 | 6.51 | 9.58 | 10.29 | 5.58 | 6.93 | 51.30 | 45.77 | 55.82 | 42.20 | 49.16 | 53.07 | 49.10 | 67.25 | 6.67 | 7.46 | 45.62 | 8.23 | 63.47 | 86.90 | 35.24 | 12.04 | 20.78

443 444 445 446 447 448 449 450

Condotta in acciaio 1000 mm

L=672.79 I=-0.46% DY=-3.11

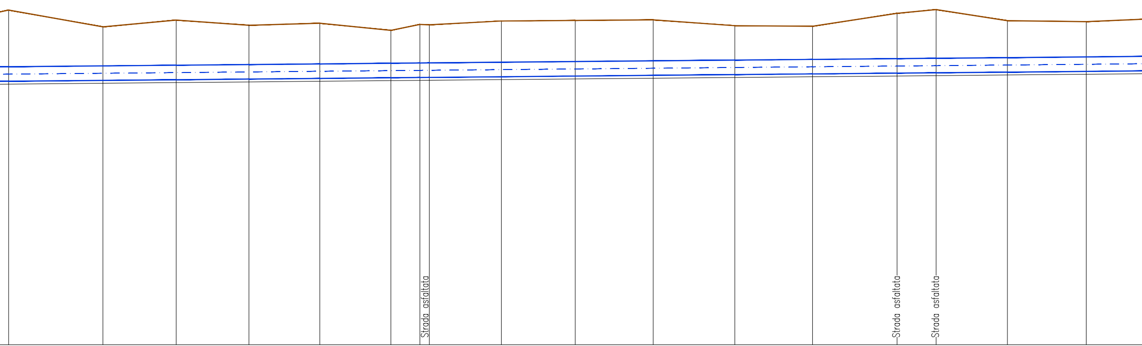

Linea Aerea Enel MT
Attraversamento impluvio
Strada sterrata
Linea Aerea Enel AT
Linea Aerea Enel MT

						49.67	
1180	93.10	88.78	87.77	87.57	5.53	43.90	45096.23
1181	92.00	88.32	87.31	87.11	4.89	10.66	45140.13
1182	90.67	88.37	87.35	87.15	3.52	41.08	45150.79
1183	90.85	88.56	87.54	87.34	3.51	29.31	45191.86
1184	92.08	88.70	87.68	87.48	4.60	20.41	45221.18
1185	91.59	88.79	87.77	87.57	4.02	44.35	45241.59
1186	91.57	88.99	87.98	87.78	3.79	52.63	45285.94
1187V	91.94	89.24	88.22	88.02	3.92	27.92	45338.56
1188	92.73	89.37	88.35	88.15	4.58		45366.48
1189V	92.52	89.38	88.37	88.17	4.35	51.16	45369.31
1190	92.12	89.62	88.60	88.40	3.72	82.25	45420.47
1191	92.38	90.00	88.98	88.78	3.60	51.85	45502.72
1192	93.03	90.24	89.22	89.02	4.01	53.58	45554.57
1193	94.61	90.48	89.47	89.27	5.34	45.61	45608.15
1194V	94.87	90.69	89.68	89.48	5.39	43.29	45653.76
1195	94.55	90.90	89.88	89.68	4.87	43.29	45697.05
1196V	94.94	91.09	90.08	89.88	5.06	72.57	45740.35
1197V	94.40	91.43	90.41	90.21	4.19		45812.92
1198	94.39	91.43	90.41	90.21	4.18	49.00	45815.24

451 452 453 454 455 456 457 458

Condotta in acciaio 1000 mm

L=1039.15 I=-0.02% DY=-0.17


Strada asfaltata
Strada asfaltata
Strada asfaltata

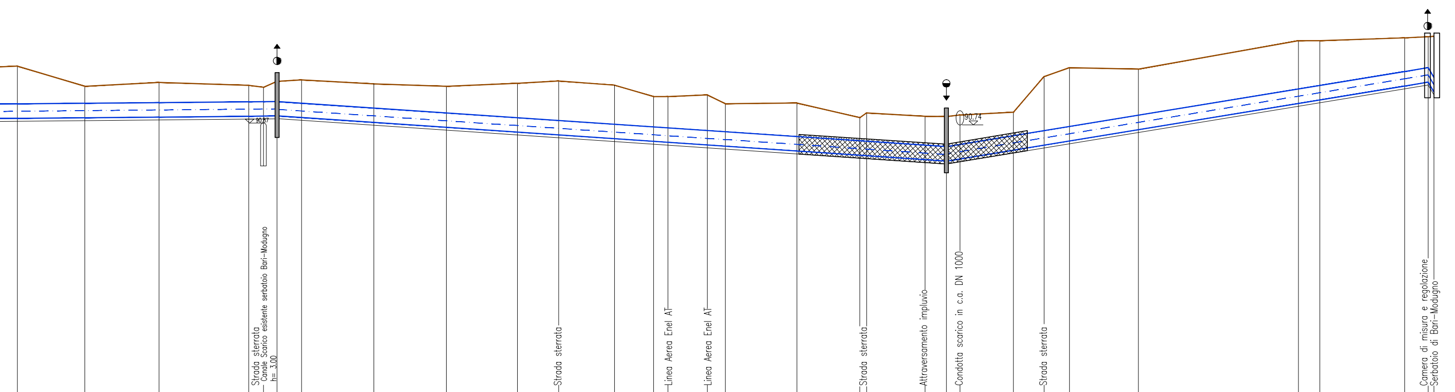
1199	95.45	91.48	90.46	90.26	5.19	66.02	45864.24
1200V	94.27	91.54	90.52	90.32	3.95	51.36	45930.26
1201	94.74	91.58	90.57	90.37	4.37	50.91	45981.62
1202	94.38	91.63	90.61	90.41	3.97	49.66	46032.53
1203	94.52	91.68	90.66	90.46	4.06	49.74	46082.19
1204	94.02	91.72	90.70	90.50	3.52	20.32	46131.93
1205	94.44	91.73	90.72	90.52	3.92	6.60	46152.24
1206	94.41	91.75	90.73	90.53	3.88	50.48	46158.84
1207	94.68	91.79	90.77	90.57	4.11	51.74	46209.32
1208	94.72	91.84	90.82	90.62	4.10	54.65	46261.06
1209	94.76	91.89	90.87	90.67	4.09	57.10	46315.72
1210	94.35	91.94	90.93	90.73	3.62	54.46	46372.82
1211	94.31	91.99	90.97	90.77	3.54	59.16	46427.28
1212	95.22	92.04	91.02	90.82	4.40	27.40	46486.44
1213	95.48	92.07	91.06	90.86	4.62	49.89	46513.83
1214	94.70	92.12	91.10	90.90	3.80	55.25	46563.72
1215	94.63	92.17	91.15	90.95	3.68	51.17	46618.96

459 460 461 462 463 464 465 466

Condotta in acciaio 1000 mm

L=478.34 I=0.66% DY=3.15

L=341.42 I=-1.64% DY=-5.59


90.87
Strada sterrata
Canale Scarico esistente serbatoio Bari-Modugno
h= 3.00
Strada sterrata
Linea Aerea Enel AT
Linea Aerea Enel AT
Strada sterrata
Attraversamento impluvio
Condotta scarico in c.a. DN 1000
90.74
Strada sterrata
Camera di misura e regolazione
Serbatoio di Bari-Modugno

1216	94.85	92.21	91.20	91.00	3.85	47.30	46670.13
1217	93.44	92.25	91.24	91.04	2.40	51.99	46717.44
1218	93.71	92.30	91.28	91.08	2.63	62.81	46769.43
1219	93.51	92.36	91.35	91.15	2.36	10.32	46832.24
1220	93.37	92.37	91.35	91.15	2.22	9.52	46842.56
1221	93.79	92.40	91.38	91.18	2.69	17.17	46852.08
1222V	93.89	92.19	91.18	90.98	2.91	50.61	46869.25
1223	93.61	91.86	90.84	90.64	2.97	50.80	46919.86
1224	93.44	91.53	90.51	90.31	3.13	49.77	46970.66
1225	93.65	91.20	90.18	89.98	3.67	28.86	**47020.43**
1226	93.81	91.01	89.99	89.79	4.02	39.13	**47049.29**
1227	93.52	90.75	89.74	89.54	3.98	27.38	**47088.43**
1228V	92.72	90.57	89.55	89.35	3.37	10.02	**47115.80**
1229	92.72	90.50	89.49	89.29	3.43	27.62	47125.83
1230	92.84	90.32	89.30	89.10	3.74	**12.58**	47153.44
1231	92.22	90.24	89.23	89.03	3.19	50.12	47166.02
1232	92.27	89.91	88.89	88.69	3.58	44.09	47216.14
1233	91.25	89.62	88.61	88.41	2.84		**47260.23**
1234	91.58	89.59	88.58	88.38	3.20	**40.90**	47265.00
1235	91.34	89.32	88.30	88.10	3.24		47305.90
1236	91.32	89.22	88.20	88.00	3.32	9.47	47320.90
1237	91.43	89.38	88.36	88.16	3.27	37.45	47330.37
1238	91.63	89.99	88.97	88.77	2.86	21.47	47367.82
1239	94.12	90.34	89.33	89.13	4.99	17.82	47389.28
1240V	94.74	90.64	89.62	89.42	5.32	48.21	47407.11
1241	94.64	91.42	90.40	90.20	4.44	112.17	47455.32
1242V	96.63	93.26	92.24	92.04	4.59	14.94	47567.49
1243V	96.63	93.50	92.49	92.29	4.34	59.47	47582.43
1244V	96.83	94.48	93.46	93.26	3.57	16.42	47641.90
1244"	96.93	94.81	93.79	93.59	3.34	4.00	47658.32
1245V	96.93	94.12	93.10	92.90	4.03		47662.32

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