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

autorità idrica pugliese

REGIONE
PUGLIA

acquedotto pugliese
l'acqua, bene comune

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

acquedotto pugliese
l'acqua, bene comune
Direzione Ingegneria

Il Direttore
ing. Andrea VOLPE

Il Responsabile Ingegneria di Progettazione
ing. Massimo PELLEGRINI

Elaborato

G.9.1

Profilo longitudinale della nuova condotta adduttrice principale da picc. 1 a picc. 143

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

Profilo 1 da picchetto 1 a 143

LEGENDA

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

1:200
1:2000

CONDOTTE

LIVELLETTE

71.00

PICCHETTI

QUOTE TERRENO

QUOTE CIELO CONDOTTA

QUOTE FONDO CONDOTTA

QUOTE FONDO SCAVO

ALTEZZA DI SCAVO

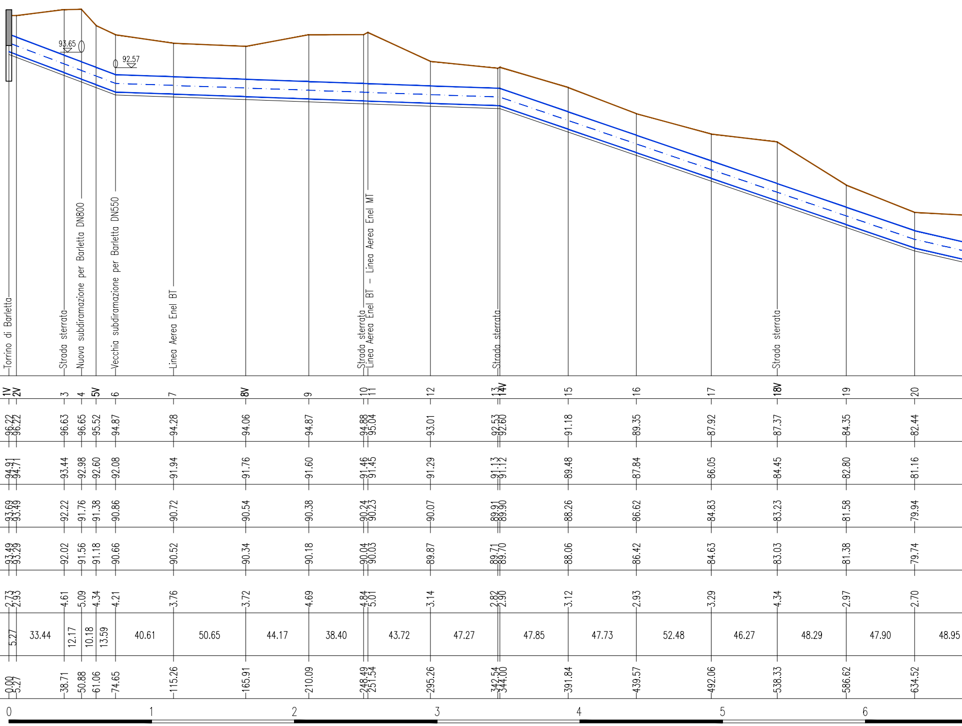
DISTANZE PARZIALI

DISTANZE PROGRESSIVE

ETTOMETRICHE

Condotta in acciaio 1200 mm

L=74.65 I=3.79% DY=2.83	L=269.35 I=0.36% DY=0.96	L=290.53 I=3.43% DY=9.96	L=92.8

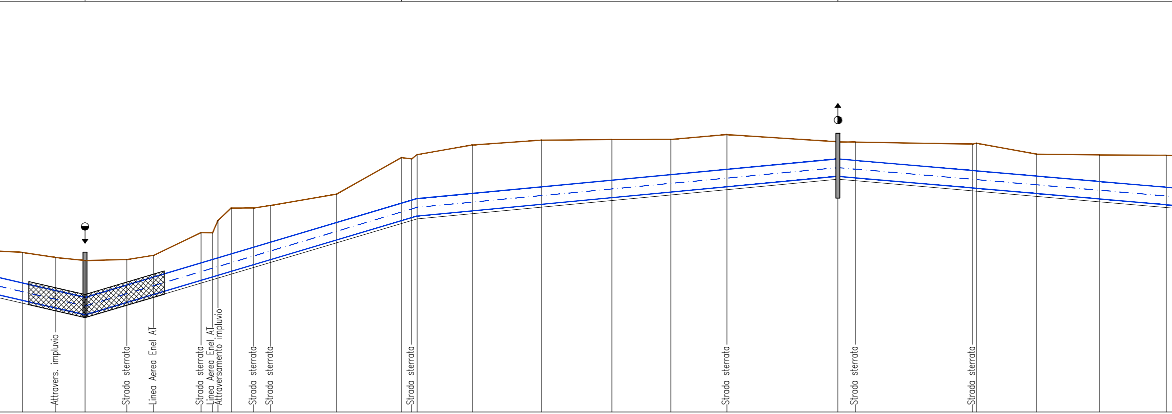


93.65
92.57
Torrino di Barletta
Strada sterrata
Nuova subdiramazione per Barletta DN800
Vecchia subdiramazione per Barletta DN550
Linea Aerea Enel BT
Strada sterrata
Linea Aerea Enel BT - Linea Aerea Enel MT
Strada sterrata
Strada sterrata
0
1
2
3
4
5
6

1V	**2V**	3	4	**5V**	6	7	**8V**	9	10	11	12	13	**14V**	15	16	17	**18V**	19	20	
96.22	96.22	96.63	96.65	95.52	94.87	94.28	94.06	94.87	94.88	95.04	93.01	92.53	92.60	91.18	89.35	87.92	87.37	84.35	82.44	
94.91	94.71	93.44	92.98	92.60	92.08	91.94	91.76	91.60	91.46	91.45	91.29	91.13	91.12	89.48	87.84	86.05	84.45	82.80	81.16	
93.69	93.49	92.22	91.76	91.38	90.86	90.72	90.54	90.38	90.24	90.23	90.07	89.91	89.90	88.26	86.62	84.83	83.23	81.58	79.94	
93.49	93.29	92.02	91.56	91.18	90.66	90.52	90.34	90.18	90.04	90.03	89.87	89.71	89.70	88.06	86.42	84.63	83.03	81.38	79.74	
2.73	2.93	4.61	5.09	4.34	4.21	3.76	3.72	4.69	4.84	5.01	3.14	2.82	2.90	3.12	2.93	3.29	4.34	2.97	2.70	
5.27	33.44	12.17	10.18	13.59	40.61	50.65	44.17	38.40		43.72	47.27		47.85	47.73	52.48	46.27	48.29	47.90	48.95	
0.00	5.27	38.71	50.88	61.06	74.65	115.26	165.91	210.09	248.49	251.54	295.26	342.54	344.00	391.84	439.57	492.06	538.33	586.62	634.52	

Condotta in acciaio 1200 mm

I=2.31% DY=2.14	L=232.68 I=-2.97% DY=-6.91	L=294.79 I=-0.94% DY=-2.78	L=336.02 I=0.86% DY=2.9

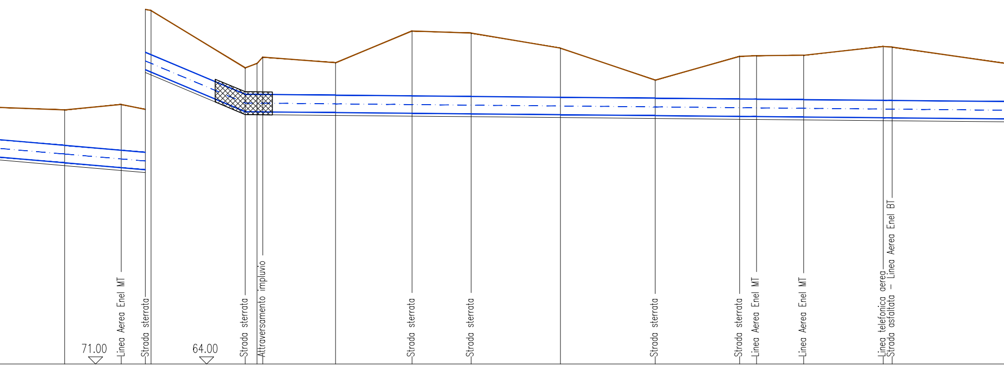

Attravers. impluvio
Strada sterrata
Linea Aerea Enel AT
Strada sterrata
Linea Aerea Enel AT
Attraversamento impluvio
Strada sterrata
Strada sterrata
Strada sterrata
Strada sterrata
Strada sterrata
Strada sterrata

21	82.17	80.03	78.81	78.61	3.56		683.48
22	81.81	79.49	78.27	78.07	3.74	23.41	706.89
23	81.60	79.02	77.80	77.60	4.00	20.43	727.32
24V	81.67	79.89	78.67	78.47	3.20	29.32	756.64
25	81.96	80.45	79.23	79.03	2.93	18.74	775.38
26	83.55	81.44	80.22	80.02	3.53	33.22	808.61
27	83.54	81.67	80.45	80.25	3.29	8.08	816.68
28	84.41	81.79	80.57	80.37	4.04		820.52
29	85.27	82.06	80.84	80.64	4.63	9.25	829.77
30	85.27	82.53	81.31	81.11	4.16	15.72	845.49
31	85.45	82.88	81.66	81.46	3.99	11.69	857.18
32	86.24	84.25	83.03	82.83	3.41	46.18	903.35
33	88.80	85.60	84.38	84.18	4.62	45.77	949.12
34	88.71	85.82	84.60	84.40	4.31	7.09	956.21
35V	89.01	85.93	84.71	84.51	4.50		960.00
36V	89.68	86.29	85.07	84.87	4.81	38.75	998.75
37	90.02	86.75	85.53	85.33	4.69	48.57	1047.32
38	90.06	87.21	85.99	85.79	4.27	49.16	1096.48
39	90.07	87.61	86.39	86.19	3.88	41.34	1137.81
40	90.41	87.97	86.75	86.55	3.86	39.32	1177.13
41	89.90	88.71	87.49	87.29	2.61	77.66	1254.79
42V	89.89	88.60	87.38	87.18	2.71	12.30	1267.09
43	89.74	87.90	86.68	86.48	3.26	82.07	1349.17
44V	89.81	87.87	86.65	86.45	3.36		1351.96
45	89.04	87.51	86.29	86.09	2.95	42.09	1394.05
46	88.99	87.13	85.91	85.71	3.28	44.09	1438.14
47	88.96	86.73	85.51	85.31	3.65	46.69	1484.83

7 8 9 10 11 12 13 14

L=69.88 I=4.21% DY=2.94

L=536.95 I=0.09% DY=0.51

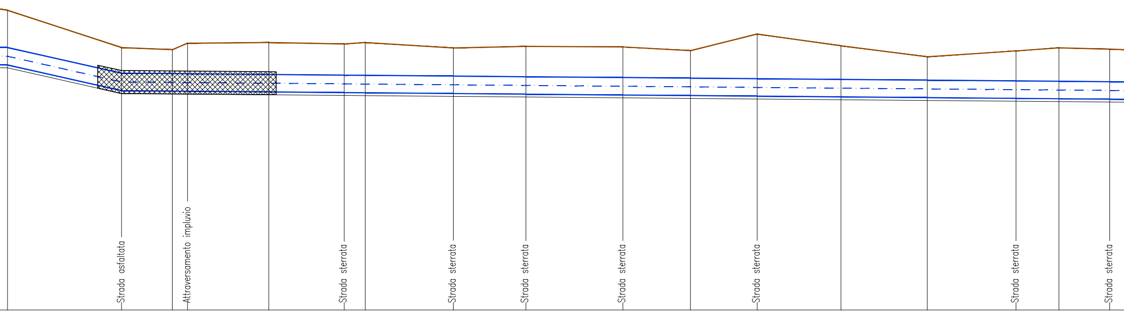

71.00
Linea Aerea Enel MT
Strada sterrata
64.00
Strada sterrata
Attraversamento impluvio
Strada sterrata
Strada sterrata
Strada sterrata
Strada sterrata
Linea Aerea Enel MT
Linea Aerea Enel MT
Linea telefonica aerea
Strada asfaltata – Linea Aerea Enel BT

48	88.78	86.30	85.08	84.88	3.90	1534.24
49	89.16	85.96	84.74	84.54	4.62	1573.83
50	88.81	85.81	84.59	84.39	4.42	1590.81
51V	88.73	85.65	84.43	84.23	4.50	1594.75
52	84.72	82.87	81.65	81.45	3.27	1660.69
53V	85.02	82.87	81.65	81.45	3.57	1668.99
54	85.47	82.86	81.64	81.44	4.03	1673.06
55	85.08	82.81	81.59	81.39	3.69	1724.07
56	87.30	82.76	81.54	81.34	5.96	1777.63
57	87.15	82.72	81.50	81.30	5.85	1819.01
58	86.10	82.66	81.44	81.24	4.86	1881.58
59	83.86	82.59	81.37	81.17	2.69	1948.00
60	85.52	82.54	81.32	81.12	4.40	2007.13
61	85.57	82.53	81.31	81.11	4.46	2019.05
62	85.60	82.49	81.27	81.07	4.53	2052.07
63	86.21	82.45	81.23	81.03	5.18	2107.76
64	86.17	82.44	81.22	81.02	5.15	2114.00

49.40	39.60	16.98	65.94	8.30	51.00	53.56	41.38	62.57	66.42	59.13	11.92	33.02	55.69	6.24	83.64

15 16 17 18 19 20 21

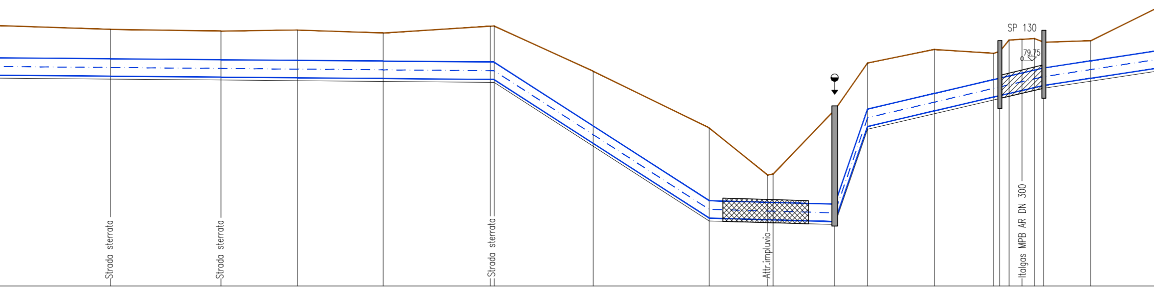
Condotta in acciaio 1200 mm	Condotta in acciaio 1200 mm
L=79.9 I=2.25% DY=1.8	L=1048.28 I=0.09% DY=0.9


Strada asfaltata
Attraversamento impluvio
Strada sterrata
Strada sterrata
Strada sterrata
Strada sterrata
Strada sterrata
Strada sterrata
Strada sterrata

65	66	**67V**	68	69	70	**71V**	72	73	**74V**	75	76	77	78	79	**80V**	81
84.97	82.35	82.21	82.66	82.71	82.61	82.71	82.33	82.44	82.40	82.14	83.30	82.48	81.71	82.12	82.34	82.24
82.36	80.56	80.53	80.52	80.47	80.43	80.42	80.36	80.31	80.26	80.21	80.18	80.13	80.07	80.03	79.99	79.97
81.14	79.34	79.31	79.30	79.25	79.21	79.20	79.14	79.09	79.04	78.99	78.96	78.91	78.85	78.81	78.77	78.75
80.94	79.14	79.11	79.10	79.05	79.01	79.00	78.94	78.89	78.84	78.79	78.76	78.71	78.65	78.61	78.57	78.55
4.03	3.21	3.10	3.56	3.66	3.60	3.71	3.39	3.55	3.56	3.35	4.54	3.77	3.06	3.51	3.77	3.69
79.90	35.53	10.62	56.93	52.85	14.70	61.71	50.79	67.98	47.30	46.77	58.63	60.48	62.14	30.08	35.53	
2197.64	2277.54	2313.06	2323.68	2380.61	2433.46	2448.16	2509.87	2560.66	2628.65	2675.94	2722.71	2781.34	2841.82	2903.96	2934.03	2969.56

22 23 24 25 26 27 28 29

L=150.6 I=6.43% DY=9.69	L=88 I=0.28% DY=0.25	L=23.06 I=-28.88% DY=-6.66	L=123.44 I=-2.33% DY=-2.87



SP 130
79.75
Strada sterrata
Strada sterrata
Strada sterrata
Attr.impluvio
Italgas MPB AR DN 300

82	81.95	79.90	78.68	78.48	3.47	3056.88
83	81.83	79.83	78.61	78.41	3.42	3134.41
84	81.90	79.78	78.56	78.36	3.54	3187.97
85V	81.69	79.72	78.50	78.30	3.39	3248.02
86	82.17	79.66	78.44	78.24	3.93	3323.02
87	82.18	79.66	78.44	78.24	3.94	3325.82
88	79.02	75.20	73.98	73.78	5.24	3395.14
89	75.06	69.97	68.75	68.55	6.51	3476.42
90	71.76	69.85	68.63	68.43	3.33	3517.37
91	71.83	69.84	68.62	68.42	3.41	3521.24
92	76.31	69.72	68.50	68.30	8.01	3564.42
93V	79.60	76.38	75.16	74.96	4.64	3587.48
94	80.54	77.47	76.25	76.05	4.49	3634.30
95V	80.27	78.43	77.21	77.01	3.26	3675.75
96	80.41	78.53	77.31	77.11	3.30	3680.10
97	81.20	78.68	77.46	77.26	3.94	3686.61
98	81.25	78.89	77.67	77.47	3.78	3695.62
99	81.30	79.10	77.88	77.68	3.62	3704.39
100	81.05	79.25	78.03	77.83	3.22	3710.91
101	81.15	79.75	78.53	78.33	2.82	3743.79

87.32	77.53	53.56	60.05	75.00	69.32	81.28	40.95	43.17	23.06	46.82	41.46	6.51	9.01	8.77	6.52	32.87	49.91

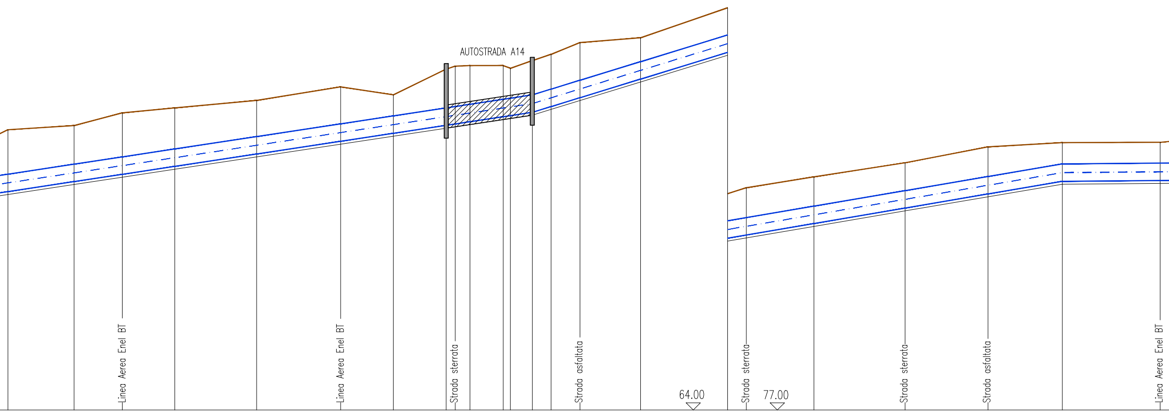
30 31 32 33 34 35 36 37

Condotta in acciaio 1200 mm

L=450.03 I=-1.51% DY=-6.8

L=136.75 I=-3.06% DY=-4.19

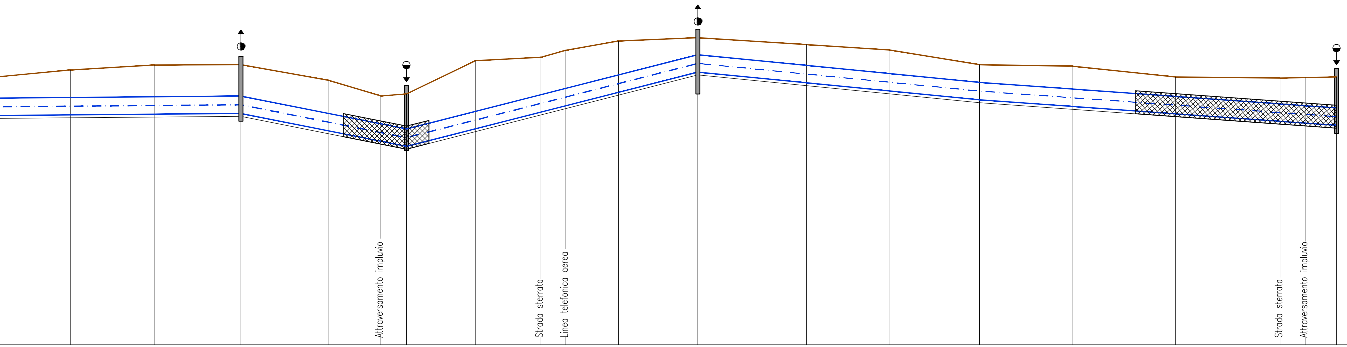
L=234.44 I=-1.7% DY=-3.98


AUTOSTRADA A14
Linea Aerea Enel BT
Linea Aerea Enel BT
Strada sterrata
Strada asfaltata
64.00
Strada sterrata
77.00
Strada sterrata
Strada asfaltata
Linea Aerea Enel BT

102	83.61	80.50	79.28	79.08	4.53		3793.69
103	83.90	81.20	79.98	79.78	4.12	46.27	3839.97
104	84.79	81.71	80.49	80.29	4.50	33.85	3873.82
105V	85.14	82.27	81.05	80.85	4.29	36.73	3910.54
106	85.66	83.13	81.91	81.71	3.95	57.32	3967.87
107	86.61	84.02	82.80	82.60	4.01	58.82	4026.68
108	86.05	84.58	83.36	83.16	2.89	36.91	4063.59
109	87.85	85.14	83.92	83.72	4.13	37.03	4100.63
110	88.06	85.24	84.02	83.82	4.24	6.31	4106.94
111	88.10	85.39	84.17	83.97	4.13	10.34	4117.28
112	88.10	85.74	84.52	84.32	3.78	23.25	4140.53
113	87.91	85.81	84.59	84.39	3.52	5.07	4145.60
114	88.45	86.05	84.83	84.63	3.82	15.34	4160.94
115V	88.89	86.45	85.23	85.03	3.86	13.19	4174.13
116	89.71	87.07	85.85	85.65	4.06	20.24	4194.37
117	90.05	88.38	87.16	86.96	3.09	42.40	4236.77
118	92.14	90.24	89.02	88.82	3.32	60.92	4297.69
119	92.55	90.47	89.25	89.05	3.50	13.15	4310.84
120	93.31	91.27	90.05	89.85	3.46	47.30	4358.14
121	94.30	92.35	91.13	90.93	3.37	63.87	4422.01
122V	95.41	93.34	92.12	91.92	3.49	58.07	4480.08
123	95.71	94.22	93.00	92.80	2.91	52.05	4532.13
124	95.73	94.27	93.05	92.85	2.88	68.52	4600.65

38 39 40 41 42 43 44 45 46

Condotta in acciaio 1200 mm				Condotta in acciaio 1200 mm
L=243.35 I=-0.08% DY=-0.2	L=115.96 I=1.98% DY=2.3	L=204.2 I=-2.55% DY=-5.2	L=197.28 I=0.98% DY=1.94	L=250.25 I=0.72% DY=1.79


Attraversamento impluvio
Strada sterrata
Linea telefonica aerea
Strada sterrata
Attraversamento impluvio

						55.29	
125	96.25	94.32	93.10	92.90	3.35		4655.94
						58.73	
126	96.60	94.37	93.15	92.95	3.65		4714.67
						60.81	
127	96.62	94.42	93.20	93.00	3.62		4775.48
						61.62	
128	95.52	93.20	91.98	91.78	3.74		4837.10
						36.44	
129	94.43	92.47	91.25	91.05	3.38		4873.54
						17.90	
130	94.57	92.12	90.90	90.70	3.87		4891.43
						48.51	
131	96.90	93.36	92.14	91.94	4.96		4939.94
						45.73	
132V	97.14	94.52	93.30	93.10	4.04		4985.67
						17.50	
133	97.63	94.96	93.74	93.54	4.09		5003.17
						36.90	
134	98.28	95.91	94.69	94.49	3.79		5040.07
						55.56	
135	98.51	97.32	96.10	95.90	2.61		5095.63
						76.14	
136	98.03	96.57	95.35	95.15	2.88		5171.78
						58.42	
137	97.65	96.00	94.78	94.58	3.07		5230.20
						62.72	
138	96.62	95.38	94.16	93.96	2.66		5292.92
						65.49	
139	96.51	94.92	93.70	93.50	3.01		5358.41
						71.78	
140	95.76	94.40	93.18	92.98	2.78		5430.19
						73.33	
141V	95.68	93.87	92.65	92.45	3.23		5503.53
						17.57	
142	95.72	93.75	92.53	92.33	3.39		5521.09
						22.07	
143	95.76	93.59	92.37	92.17	3.59		5543.17

47 48 49 50 51 52 53 54 55