Autorità idrica pugliese

REGIONE PUGLIA

acquedotto pugliese
l'acqua, bene comune

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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.9.2

Profilo longitudinale della nuova condotta adduttrice principale da picc. 143 a picc. 258

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

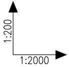
N. Rev.	Data	Descrizione	Disegnato	Controllato	Approvato
			/	/	/
00	*NOV.2019*	*Emesso per PROGETTO DEFINITIVO*	/	/	/

CONDOTTE	
LIVELLETTE	

Profilo 2 da picchetto 143 a 258

LEGENDA

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

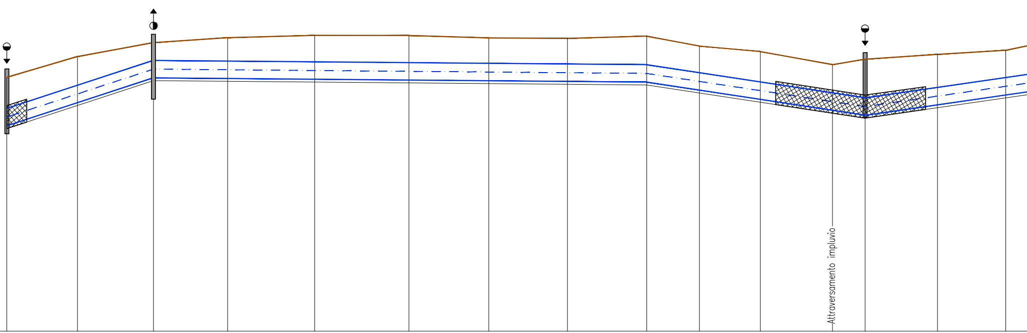


78.00

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=102.75 I=-3.26% DY=-3.35	L=345.6 I=-0.09% DY=0.3	L=153.05 I=1.52% DY=2.32	L=198.75 I=-1.44%

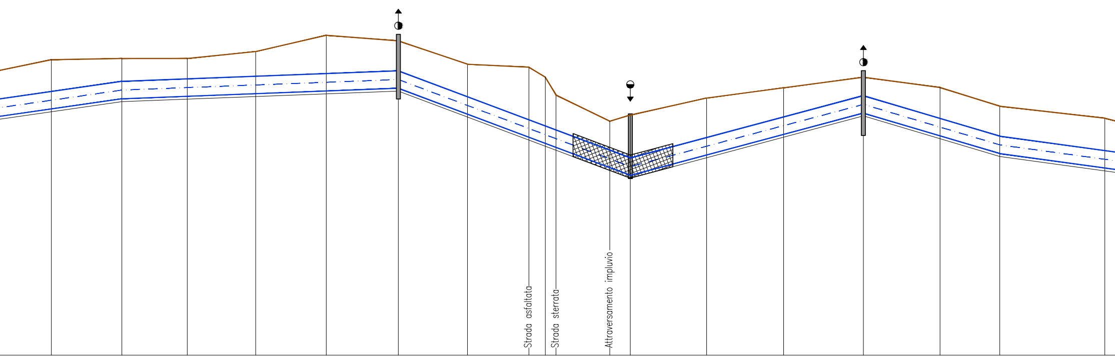


143	144	145	146	147	148	149	150	151	152	153	154	155	156	157
95.76	97.21	98.18	98.53	98.69	98.68	98.51	98.48	98.64	97.94	97.56	96.64	97.02	97.36	97.65
93.59	95.21	96.94	96.90	96.84	96.79	96.74	96.69	96.64	96.08	95.43	94.66	94.32	95.05	95.74
92.37	93.99	95.72	95.68	95.62	95.57	95.52	95.47	95.42	94.86	94.21	93.44	93.10	93.83	94.52
92.17	93.79	95.52	95.48	95.42	95.37	95.32	95.27	95.22	94.66	94.01	93.24	92.90	93.63	94.32
3.59	3.42	2.66	3.05	3.27	3.31	3.19	3.21	3.42	3.28	3.55	3.40	4.12	3.73	3.33
49.49	53.26	52.00	60.95	66.04	55.99	55.09	55.53	36.95	42.65	50.55	22.90	50.70	47.82	
5543.17	5592.66	5645.92	5697.92	5758.86	5824.91	5880.90	5935.99	5991.52	6028.48	6071.13	6121.68	6144.58	6195.28	6243.10

56 57 58 59 60 61 62

Condotta in acciaio 1200 mm

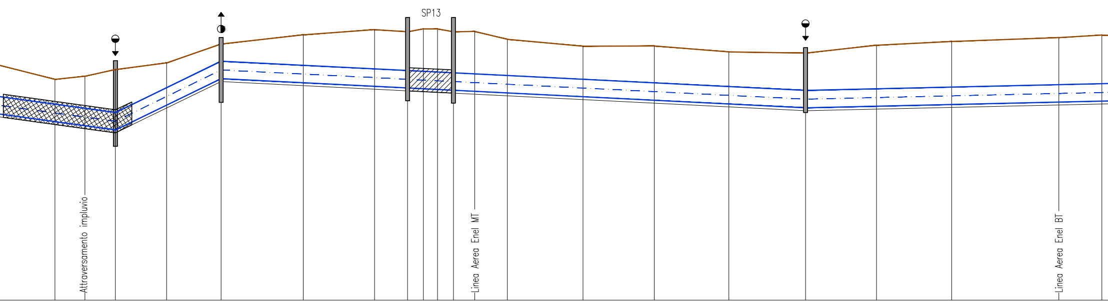
DY=-2.86	L=193.7 I=-038% DY=-0.74	L=162.44 I=3.76% DY=6.1	L=163.23 I=-2.67% DY=-4.36	L=95.55 I=2.97% DY=2.84	L=161.53 I=1



158	159	160	161	162	163	164	**165V**	166	167	168	169	170	171	172	173	174	175
98.70	98.78	98.78	99.27	100.41	100.02	98.38	98.17	97.47	96.22	94.39	94.82	96.01	96.73	97.47	96.75	95.44	94.60
96.47	97.18	97.35	97.54	97.72	97.92	96.11	94.49	94.06	93.78	92.36	91.82	93.25	94.69	96.18	94.58	93.34	92.33
95.25	95.96	96.13	96.32	96.50	96.70	94.89	93.27	92.84	92.56	91.14	90.60	92.03	93.47	94.96	93.36	92.12	91.11
95.05	95.76	95.93	96.12	96.30	96.50	94.69	93.07	92.64	92.36	90.94	90.40	91.83	93.27	94.76	93.16	91.92	90.91
3.65	3.02	2.85	3.15	4.11	3.52	3.69	5.10	4.83	3.86	3.45	4.42	4.18	3.46	2.71	3.59	3.52	3.69
50.91	49.31	45.81	47.93	49.43	50.53	48.42	42.99	11.49	7.50	37.62	14.42	53.38	54.00	55.85	53.68	41.87	73.51
6294.01	6343.33	6389.14	6437.06	6486.49	6537.03	6585.45	6628.44	6639.93	6647.43	6685.05	6699.47	6752.85	6806.85	6862.70	6916.38	6958.25	7031.76

63 64 65 66 67 68 69 70

.37% DY=2.22 | L=74.1 I=-4.84% DY=-3.59 | L=409.48 I=0.5% DY=2.04

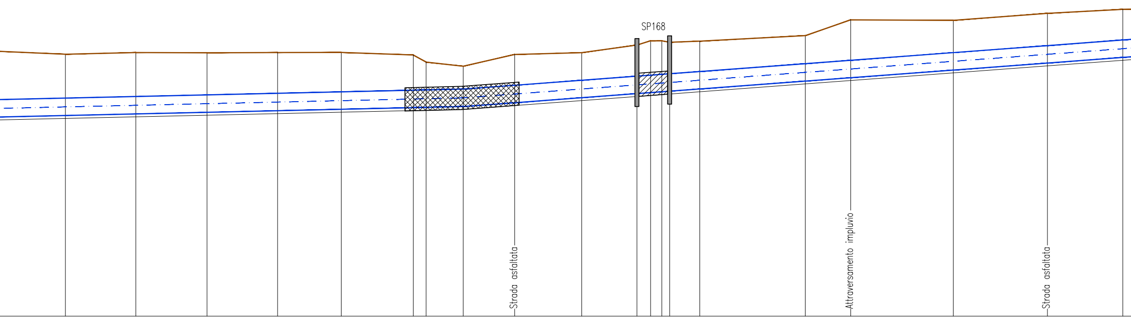


176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196
93.44	93.66	94.13	94.59	95.91	96.56	96.92	96.77	96.97	96.97	96.77	96.79	96.24	95.76	95.78	95.36	95.28	95.83	96.09	96.36	96.54
91.70	91.42	91.12	92.85	94.71	94.43	94.18	94.06	94.01	93.95	93.90	93.83	93.71	93.45	93.20	92.94	92.67	92.78	92.90	93.07	93.14
90.48	90.20	89.90	91.63	93.49	93.21	92.96	92.84	92.79	92.73	92.68	92.61	92.49	92.23	91.98	91.72	91.45	91.56	91.68	91.85	91.92
90.28	90.00	89.70	91.43	93.29	93.01	92.76	92.64	92.59	92.53	92.48	92.41	92.29	92.03	91.78	91.52	91.25	91.36	91.48	91.65	91.72
3.16	3.66	4.43	3.16	2.62	3.55	4.16	4.13	4.38	4.44	4.29	4.38	3.95	3.73	4.00	3.84	4.03	4.47	4.61	4.71	4.82
7077.44	7098.42	7119.78	7155.61	7193.88	7251.45	7301.36	7324.49	7335.58	7345.51	7356.61	7371.59	7394.42	7447.38	7497.41	7549.62	7603.36	7653.04	7705.77	7780.86	7810.96

45.68 | 20.97 | 21.36 | 35.83 | 38.27 | 57.57 | 49.91 | 23.13 | 11.09 | 9.93 | 11.10 | 14.97 | 22.83 | 52.97 | 50.02 | 52.21 | 53.74 | 49.68 | 52.73 | 75.09 | 30.10

71 72 73 74 75 76 77 78

Condotta in acciaio 1200 mm	Condotta in acciaio 1200 mm
L=536.43 I=−0.23% DY=−1.21	L=785.56 I=−0.74% DY=−5.84



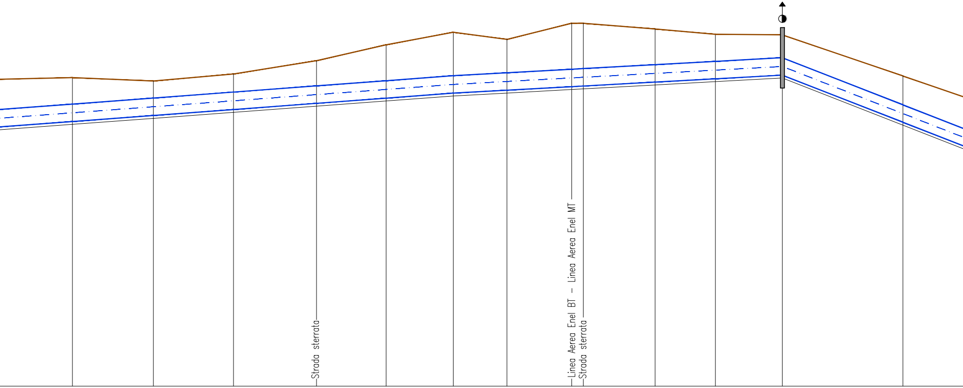
197	96.32	93.25	92.03	91.83	4.49	7861.11
198	96.44	93.36	92.14	91.94	4.50	7910.47
199	96.42	93.48	92.26	92.06	4.36	7960.30
200	96.44	93.59	92.37	92.17	4.27	8009.78
201	96.45	93.68	92.46	92.26	4.19	8054.40
202	96.27	93.80	92.58	92.38	3.89	8104.86
203	95.77	93.83	92.61	92.41	3.36	8113.83
204	95.48	93.88	92.66	92.46	3.02	8139.79
205	96.30	94.15	92.93	92.73	3.57	8175.86
206	96.43	94.50	93.28	93.08	3.35	8222.88
207	96.96	94.79	93.57	93.37	3.59	8261.54
208	97.26	94.86	93.64	93.44	3.82	8271.12
209	97.26	94.91	93.69	93.49	3.77	8279.06
210V	97.16	94.96	93.74	93.54	3.62	8284.49
211V	97.23	95.11	93.89	93.69	3.54	8305.58
212	97.62	95.67	94.45	94.25	3.37	8379.56
213	98.72	95.90	94.68	94.48	4.24	8411.34
214	98.69	96.43	95.21	95.01	3.68	8483.25
215	99.18	96.92	95.70	95.50	3.68	8549.21
216	99.46	97.31	96.09	95.89	3.57	8602.07

50.15	49.36	49.83	49.48	44.62	50.46	8.97	25.95	36.07	47.02	38.66	9.58	7.94	5.42	21.09	73.99	31.78	71.91	65.96	52.86

79 80 81 82 83 84 85 86

L=230.6 I=-0.55% DY=-1.26

L=144.9 I=3.91% DY=5.66



217	218	219	220	221	222	223	224	**225V**	226	227	228	229
99.59	99.35	99.84	100.77	101.88	102.76	102.26	103.39	103.39	102.99	102.62	102.58	99.70
97.74	98.16	98.57	99.01	99.37	99.72	99.92	100.18	100.22	100.49	100.72	100.98	97.68
96.52	96.94	97.35	97.79	98.15	98.50	98.70	98.96	99.00	99.27	99.50	99.76	96.46
96.32	96.74	97.15	97.59	97.95	98.30	98.50	98.76	98.80	99.07	99.30	99.56	96.26
3.27	2.61	2.69	3.18	3.93	4.46	3.76	4.63	4.59	3.92	3.32	3.02	3.44
8658.53	8715.22	8771.36	8829.57	8878.27	8925.34	8962.94	9008.31	9016.51	9066.78	9109.03	9155.94	9240.39

56.46 56.69 56.15 58.20 48.70 47.08 37.60 45.38 8.19 50.27 42.25 46.90 84.45 60.45

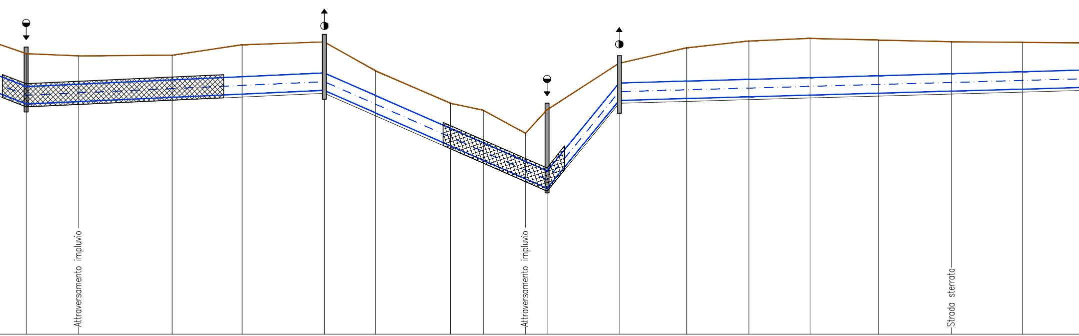
87 88 89 90 91 92

Condotta in acciaio 1200 mm

L=208.84 I=-0.45% DY=-0.95

L=156.02 I=4.39% DY=6.85

L=50.5
I=-12.18%
DY=-6.15

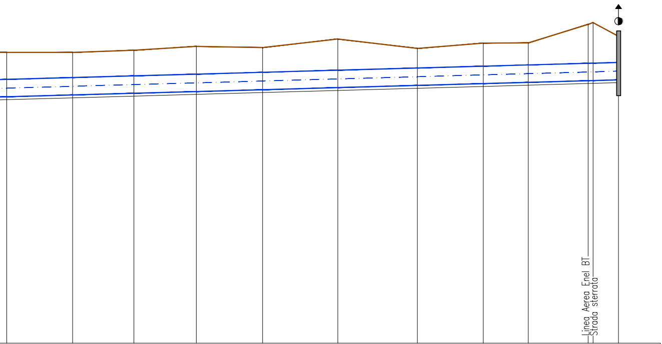


230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	**245V**	246
97.62	97.46	97.51	98.24	98.44	96.42	94.15	93.66	92.05	93.70	96.95	98.03	98.50	98.69	98.57	98.45	98.41
95.32	95.49	95.78	96.00	96.27	94.69	92.39	91.38	90.08	89.42	95.57	95.70	95.82	95.94	96.08	96.21	96.35
94.10	94.27	94.56	94.78	95.05	93.47	91.17	90.16	88.86	88.20	94.35	94.48	94.60	94.72	94.86	94.99	95.13
93.90	94.07	94.36	94.58	94.85	93.27	90.97	89.96	88.66	88.00	94.15	94.28	94.40	94.52	94.66	94.79	94.93
3.72	3.39	3.15	3.66	3.59	3.15	3.18	3.70	3.39	5.70	2.80	3.75	4.10	4.17	3.91	3.66	3.48
36.78	65.45	49.06	57.56	35.86	52.45	23.00	29.49	15.22	50.50	47.34	43.48	42.82	47.98	51.13	49.86	44.10
9300.84	9337.61	9403.06	9452.12	9509.68	9545.54	9597.99	9620.99	9650.48	9665.70	9716.19	9763.53	9807.02	9849.83	9897.81	9948.94	9998.81

93 94 85 96 97 98 99 100

Condotta in acciaio 1200 mm

L=755.07 I=−0.28% DY=−2.1



247		248		249		250		251		252		253		254		255		256	257		258
98.37		98.37		98.52		98.79		98.71		99.31		98.65		99.02		99.04		100.33	100.46		99.49
96.48		96.61		96.72		96.85		96.98		97.12		97.28		97.40		97.49		97.61	97.62		97.67
95.26		95.39		95.50		95.63		95.76		95.90		96.06		96.18		96.27		96.39	96.40		96.45
95.06		95.19		95.30		95.43		95.56		95.70		95.86		95.98		96.07		96.19	96.20		96.25
3.31		3.18		3.22		3.36		3.15		3.61		2.79		3.04		2.97		4.14	4.26		3.24
	46.11		42.99		43.65		46.37		52.73		55.71		46.10		31.53		41.91			17.80	
10042.90		10089.01		10132.00		10175.65		10222.02		10274.76		10330.47		10376.57		10408.10		10450.00	10453.47		10471.27

101 102 103 104