CONSORZIO DI BONIFICA
TERRE D'APULIA

LAVORI DI RISTRUTTURAZIONE E POTENZIAMENTO DELL'ACQUEDOTTO RURALE DELLA MURGIA - SCHEMA SUD -

PROGETTO ESECUTIVO

Progettista:

ARKE' Ingegneria s.r.l.
Via Imperatore Traiano n.4 - 70126 Bari

Prof. Ing. Alberto Ferruccio PICCINNI
Ordine degli Ingegneri della Provincia di Bari n.7288

Dott. Ing. Giovanni VITONE
Ordine degli Ingegneri della Provincia di Bari n.3313

Dott. Ing. Gioacchino ANGARANO
Ordine degli Ingegneri della Provincia di Bari n.5970

Dott. Ing. Luigi FANELLI
Ordine degli Ingegneri della Provincia di Bari n.7428

Dott. Ing. Stefano FRANCAVILLA
Ordine degli Ingegneri della Provincia di Bari n.4927

Responsabile del Procedimento:

Dott. Ing. Marta BARILE

Codice	Elaborato
B05.3	Tronco SD01A - Profilo longitudinale

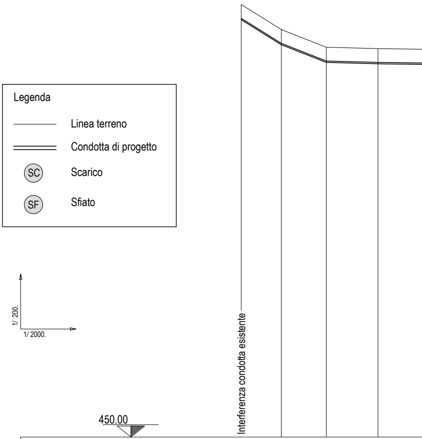
REV	DATA	NOTE		
4	GIUGNO - 2022	Emesso per Riscontro Verifica	SCALA 1:2.000 / 1:200	
3	GENNAIO - 2022	Emesso per PUA		
0	MAGGIO - 2019	Emesso per Progetto Esecutivo	020 - ARM - PRLO	Dwg
			COD.ELABORATO	

Elementi delle livellette (%)	I=6.24	I=3.92	I=0.27	I=0.13
Diametro condotta (mm)				
Materiale				
Sede di posa				

Profilo SD01A

Legenda

—	Linea terreno
═	Condotta di progetto
SC	Scarico
SF	Sfiato



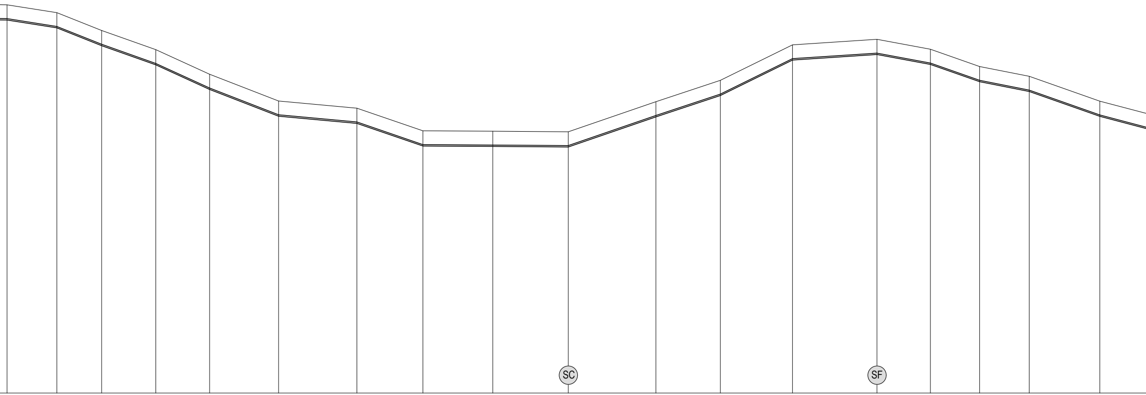
Numero delle sezioni	1		2		3		4	
Quote del terreno	481.38		479.56		478.28		478.18	
Quote asse condotta	480.33		478.51		477.23		477.13	
Quota fondo scavo	480.08		478.26		476.98		476.88	
Profondità di scavo	1.30		1.30		1.30		1.30	
Distanze parziali		29.15		32.65		37.50		37.05
Distanze progressive	0.00		29.15		61.80		99.30	
Distanze ettometriche	0						1	

I=1.58	I=3.98	I=3.54	I=4.56	I=3.88	I=0.92	I=3.42	I=0.06	I=0.07	I=3.43	I=3.32	I=4.91	I=0.65	I=1.86	I=3.50	I=1.97	I=3.52	I=2.63

110

PEAD PN16

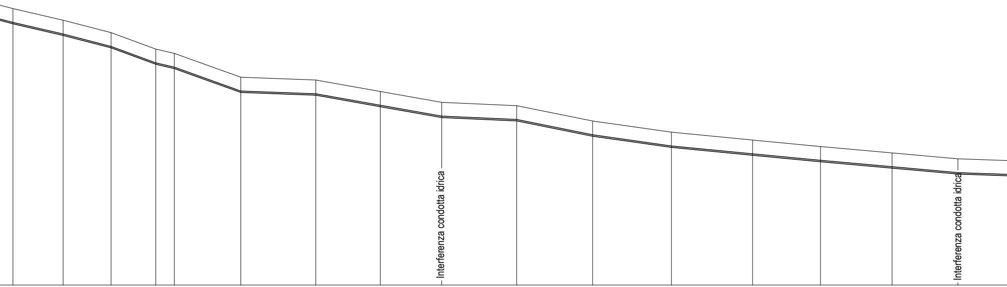
sede stradale S.P. EX S.S.581 L=5.50 m



5	478.13	477.08	476.83	1.30	36.15	136.35
6	477.56	476.51	476.26	1.30	32.45	172.50
7	476.27	475.22	474.97	1.30	39.30	204.95
8	474.88	473.83	473.58	1.30	39.00	244.25
9	473.10	472.05	471.80	1.30	50.05	283.25
10	471.16	470.11	469.86	1.30	56.80	333.30
11	470.64	469.59	469.34	1.30	47.90	390.10
12	469.00	467.95	467.70	1.30	50.66	438.00
13	468.97	467.92	467.67	1.30	54.80	488.66
14	468.93	467.88	467.63	1.30	63.55	543.46
15	471.11	470.06	469.81	1.30	46.75	607.01
16	472.66	471.61	471.36	1.30	52.35	653.76
17	475.23	474.18	473.93	1.30	61.26	706.11
18	475.63	474.58	474.33	1.30	38.75	767.37
19	474.91	473.86	473.61	1.30	35.69	806.12
20	473.66	472.61	472.36	1.30	36.00	841.81
21	472.95	471.90	471.65	1.30	51.20	877.81
22	471.15	470.10	469.85	1.30	42.90	929.01

2 3 4 5 6 7 8 9

I=2.31	I=2.59	I=3.67		I=3.59	I=0.37	I=1.78	I=1.77	I=0.44	I=2.01	I=1.42	I=0.97	I=0.95	I=0.89	I=0.90	I=0.35

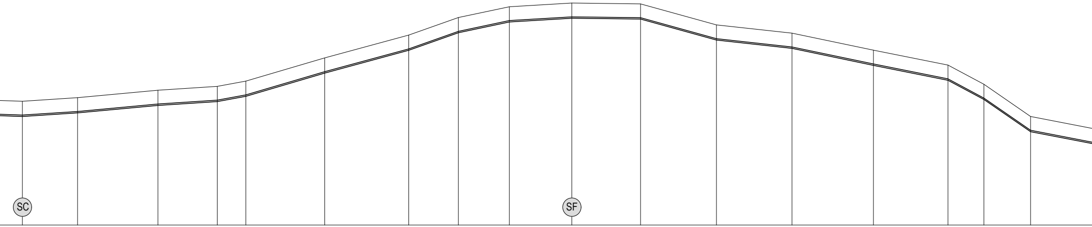


23	470.02	468.97	468.72	1.30	971.91
24	469.18	468.13	467.88	1.30	1008.31
25	468.28	467.23	466.98	1.30	1043.11
26	467.09	466.04	465.79	1.30	1075.56
27	466.78	465.73	465.48	1.30	1089.01
28	465.05	464.00	463.75	1.30	1137.26
29	464.85	463.80	463.55	1.30	1191.71
30	464.02	462.97	462.72	1.30	1238.46
31	463.23	462.18	461.93	1.30	1283.06
32	462.99	461.94	461.69	1.30	1337.46
33	461.88	460.83	460.58	1.30	1392.56
34	461.07	460.02	459.77	1.30	1449.76
35	460.50	459.45	459.20	1.30	1508.66
36	460.03	458.98	458.73	1.30	1557.91
37	459.57	458.52	458.27	1.30	1609.86
38	459.14	458.09	457.84	1.30	1657.66

36.40	34.80	32.45	13.45	48.25	54.45	46.75	44.60	54.40	55.10	57.20	58.90	49.25	51.95	47.80	51.85

10 11 12 13 14 15 16

sede stradale S.P. EX S.S.581 L=7,00 m



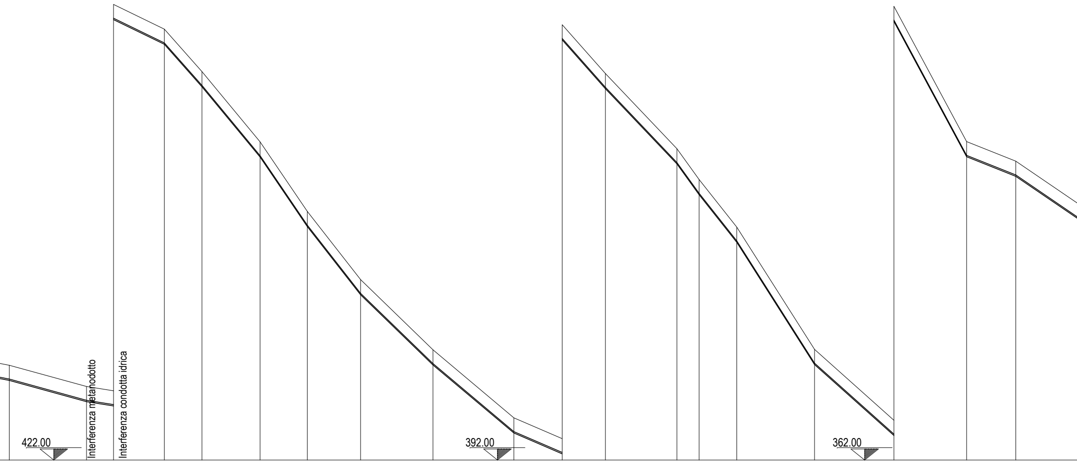
39	458.96	457.91	457.66	1.30	40.05	1709.51	I=0.65
40	459.22	458.17	457.92	1.30	58.35	1749.56	I=0.93
41	459.76	458.71	458.46	1.30	43.05	1807.91	I=0.65
42	460.04	458.99	458.74	1.30	20.75	1850.96	I=1.83
43	460.42	459.37	459.12	1.30	57.23	1871.71	I=2.94
44	462.10	461.05	460.80	1.30	60.95	1928.94	I=2.71
45	463.75	462.70	462.45	1.30	36.05	1989.89	I=3.52
46	465.02	463.97	463.72	1.30	37.00	2025.94	I=2.11
47	465.80	464.75	464.50	1.30	45.30	2062.94	I=0.60
48	466.07	465.02	464.77	1.30	49.90	2108.24	I=0.12
49	466.01	464.96	464.71	1.30	55.05	2158.14	I=2.76
50	464.49	463.44	463.19	1.30	54.85	2213.19	I=1.09
51	463.89	462.84	462.59	1.30	59.10	2268.04	I=2.08
52	462.66	461.61	461.36	1.30	54.07	2327.14	I=2.00
53	461.58	460.53	460.28	1.30	26.10	2381.21	I=5.33
54	460.19	459.14	458.89	1.30	33.85	2407.31	I=6.88
55	457.86	456.81	456.56	1.30	51.30	2441.16	I=1.93

17 18 19 20 21 22 23 24

125

PEAD PN25

Strada Bosco delle Pianelle - asfaltata



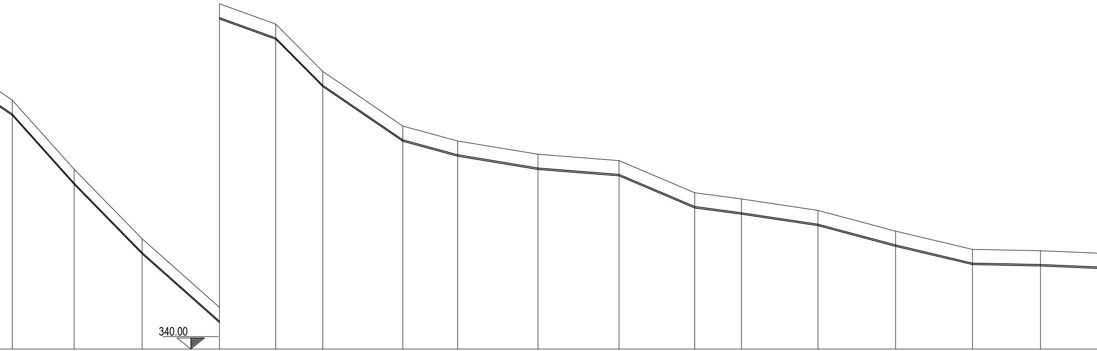
56	456.87	455.82	455.57	1.30	2492.46	56.05	l=2.75
57	455.33	454.28	454.03	1.30	2548.51	19.60	l=1.58
58	455.02	453.97	453.72	1.30	2568.11	36.90	l=4.85
59	453.23	452.18	451.93	1.30	2605.01	27.30	l=11.28
60	450.15	449.10	448.85	1.30	2632.31	42.15	l=12.08
61	445.06	444.01	443.76	1.30	2674.46	34.30	l=14.69
62	440.02	438.97	438.72	1.30	2708.76	38.65	l=12.78
63	435.08	434.03	433.78	1.30	2747.41	52.55	l=9.69
64	429.99	428.99	428.69	1.30	2799.96	58.70	l=8.40
65	425.06	424.01	423.76	1.30	2858.66	35.05	l=4.31
66	423.55	422.50	422.25	1.30	2893.71	31.35	l=11.29
67	420.01	418.96	418.71	1.30	2925.06	51.90	l=10.50
68	414.56	413.51	413.26	1.30	2976.96	16.10	
69	412.33	411.28	411.03	1.30	2993.06	27.35	l=12.61
70	408.88	407.83	407.58	1.30	3020.41	56.45	l=15.70
71	400.02	398.97	398.72	1.30	3076.86	57.60	l=8.92
72	394.88	393.83	393.58	1.30	3134.46	52.75	l=18.58
73	385.08	384.03	383.78	1.30	3187.21	35.70	l=3.98
74	383.66	382.61	382.36	1.30	3222.91	53.30	l=6.81

25 26 27 28 29 30 31 32

125

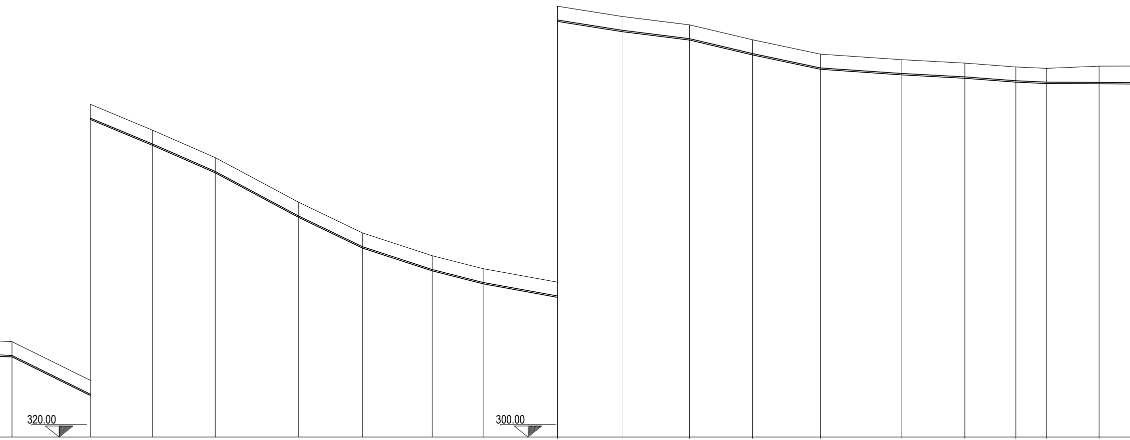
PEAD PN25

Strada Bosco delle Pianelle - non asfaltata



I=11.15	I=10.21	I=8.85	I=3.60	I=10.04	I=6.82	I=2.71	I=1.65	I=0.78	I=4.24	I=1.33	I=1.50	I=2.66	I=2.37	I=0.20	I=0.42
75	76	77	78	78'	79	80	81	82	83	84	85	86	87	88	89
380.03	375.03	369.99	365.02	363.55	360.12	356.16	355.08	354.12	353.66	351.33	350.88	350.05	348.55	347.23	347.13
378.98	373.98	368.94	363.97	362.50	359.07	355.11	354.03	353.07	352.61	350.28	349.83	349.00	347.50	346.18	346.08
378.73	373.73	368.69	363.72	362.25	358.82	354.86	353.78	352.82	352.36	350.03	349.58	348.75	347.25	345.93	345.83
1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30
44.85	49.35	56.15	40.85	34.15	58.10	39.80	58.30	58.78	54.95	33.90	55.50	56.35	55.80	49.30	49.75
3276.21	3321.06	3370.41	3426.56	3467.41	3501.56	3559.66	3599.46	3657.76	3716.54	3771.49	3805.39	3860.89	3917.24	3973.04	4022.34

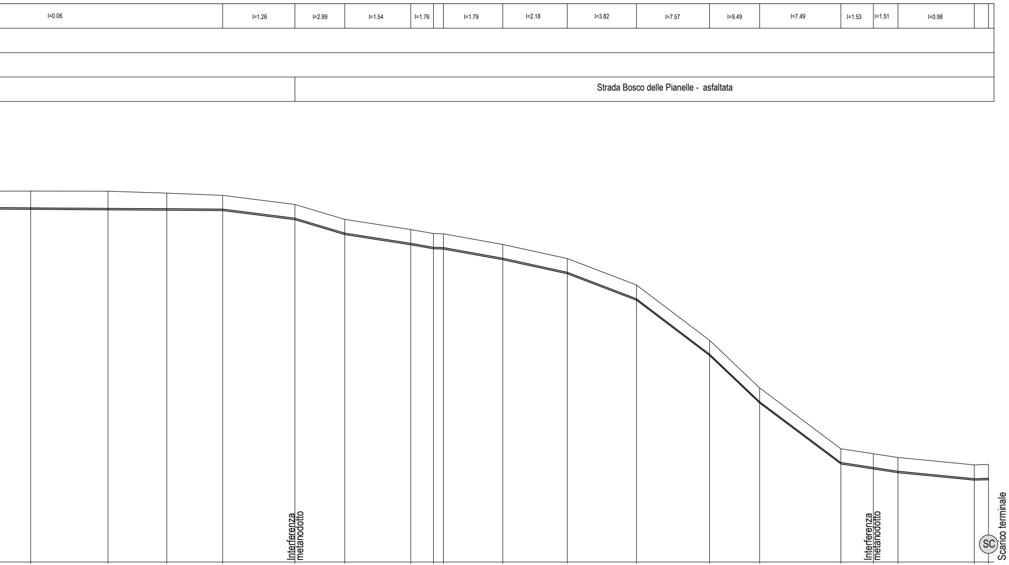
33 34 35 36 37 38 39 40

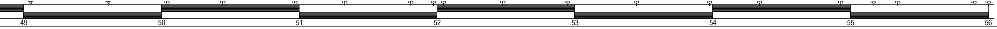


90	346.92	345.87	345.62	1.30	4072.09
91	344.11	343.06	342.81	1.30	4129.04
92	342.24	341.19	340.94	1.30	4173.99
93	340.25	339.20	338.95	1.30	4219.49
94	337.02	335.97	335.72	1.30	4279.94
95	334.79	333.74	333.49	1.30	4326.39
96	333.14	332.09	331.84	1.30	4376.89
97	332.20	331.15	330.90	1.30	4413.84
98	331.22	330.17	329.92	1.30	4467.84
99	330.48	329.43	329.18	1.30	4514.59
100	329.87	328.82	328.57	1.30	4563.64
101	328.79	327.74	327.49	1.30	4609.34
102	327.75	326.70	326.45	1.30	4658.54
103	327.35	326.30	326.05	1.30	4717.09
104	327.10	326.05	325.80	1.30	4763.29
105	326.82	325.77	325.52	1.30	4800.29
106	326.72	325.67	325.42	1.30	4822.54
107	326.88	325.65	325.40	1.48	4860.64

90–91	I=4.93	56.95
91–92	I=4.16	44.95
92–93	I=4.37	45.50
93–94	I=5.34	60.45
94–95	I=4.80	46.45
95–96	I=3.27	50.50
96–97	I=2.54	36.95
97–98	I=1.81	54.00
98–99	I=1.58	46.75
99–100	I=1.24	49.05
100–101	I=2.36	45.70
101–102	I=2.11	49.20
102–103	I=0.68	58.55
103–104	I=0.54	46.20
104–105	I=0.76	37.00
105–106	I=0.45	22.25
106–107		38.10
107–		44.65

41 42 43 44 45 46 47 48



108	326.89	325.62	325.37	1.52	56.10	4905.29
109	326.88	325.58	325.33	1.55	42.65	4961.39
110	326.74	325.56	325.31	1.43	40.50	5004.04
111	326.58	325.53	325.28	1.30	52.45	5044.54
112	325.92	324.87	324.62	1.30	36.10	5096.99
113	324.84	323.79	323.54	1.30	47.90	5133.09
114	324.10	323.05	322.80	1.30	16.45	5180.99
115	323.81	322.76	322.51	1.30	7.25	5197.44
	323.79	322.74	322.49	1.30	43.05	5204.69
117	323.02	321.97	321.72	1.30	46.80	5247.74
118	322.00	320.95	320.70	1.30	50.20	5294.54
119	320.08	319.03	318.78	1.30	53.00	5344.74
120	316.07	315.02	314.77	1.30	36.35	5397.74
121	312.62	311.57	311.32	1.30	58.90	5434.09
122	308.21	307.16	306.91	1.30	23.55	5492.99
123	307.85	306.80	306.55	1.30	17.85	5516.54
124	307.58	306.53	306.28	1.30	55.35	5534.39
125	307.04	305.99	305.74	1.30	10.30	5589.74
	307.07	306.02	305.77	1.30		5600.04