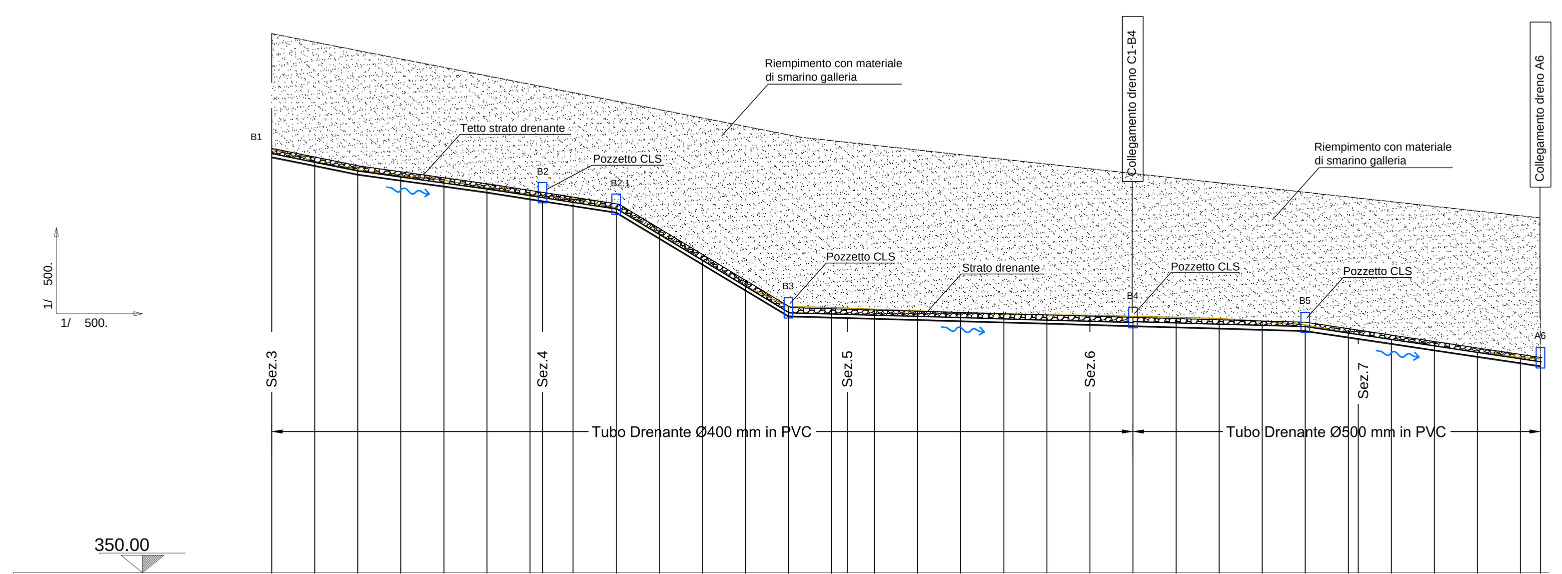
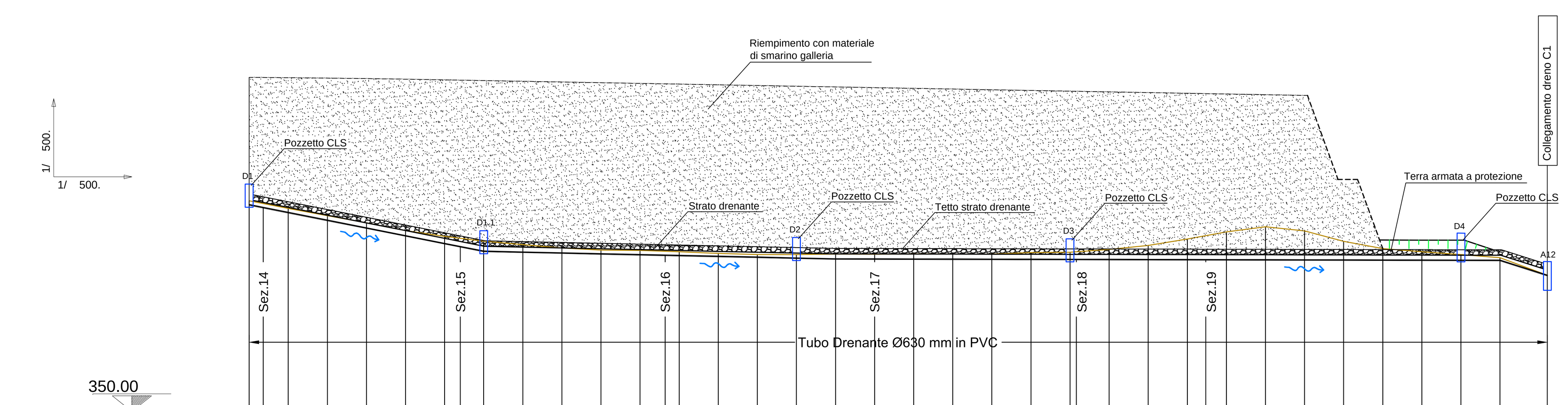
Profilo tratto B1-A6 - scala 1:500



Numero sezioni	Distanze parziali (m)	Distanze progressive (m)	Quote del terreno (m)	Quote fondo tubo (m)
1	5.00	0.00	399.10	398.16
2	5.00	5.00	397.68	397.15
3	5.00	10.00	396.66	396.15
4	5.00	15.00	396.00	395.46
5	5.00	20.00	395.49	394.76
6	5.00	25.00	394.58	394.07
7	5.00	30.00	393.84	393.29
8	5.00	35.00	393.31	392.52
9	5.00	40.00	392.25	391.74
10	5.00	45.00	389.27	388.73
11	5.00	50.00	386.24	385.73
12	5.00	55.00	383.23	382.73
13	5.00	60.00	380.83	379.72
14	5.00	65.00	380.73	379.58
15	5.00	70.00	380.54	379.44
16	5.00	75.00	380.35	379.29
17	5.00	80.00	380.16	379.15
18	5.00	85.00	379.97	379.01
19	5.00	90.00	379.87	378.87
20	5.00	95.00	379.83	378.73
21	5.00	100.00	379.70	378.59
22	5.00	105.00	379.61	378.44
23	5.00	110.00	379.46	378.30
24	5.00	115.00	379.15	378.16
25	5.00	120.00	378.70	378.02
26	5.00	125.00	377.77	377.27
27	5.00	130.00	377.02	376.52
28	5.00	135.00	376.27	375.77
29	5.00	140.00	375.52	375.02
30	2.31	145.00	374.94	374.28
31		147.31	374.75	373.93

Pendenze tubo:
- D= -2.01 L= 10.00 P= -20.10% S= 10.20
- D= -2.08 L= 15.00 P=-13.87% S= 15.14
- D= -2.33 L= 15.00 P=-15.53% S= 15.18
- D=-12.02 L= 20.00 P=-60.10% S= 23.33
- D= -1.70 L= 60.00 P= -2.83% S= 60.02
- D= -4.09 L= 27.31 P=-14.98% S= 27.61

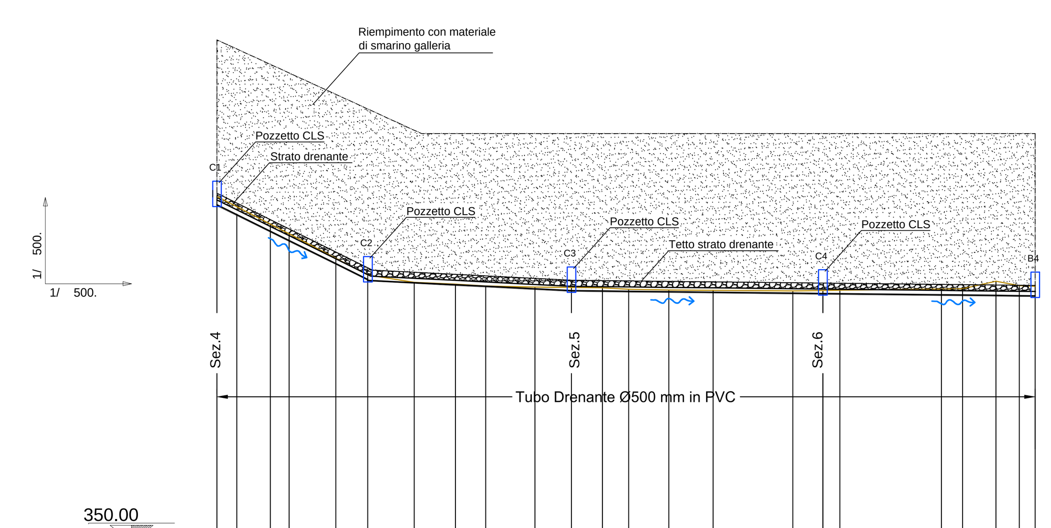
Profilo tratto D1-A12 - scala 1:500



Numero sezioni	Distanze parziali (m)	Distanze progressive (m)	Quote del terreno (m)	Quote fondo tubo (m)
1	5.00	0.00	376.95	376.45
2	5.00	5.00	375.97	375.46
3	5.00	10.00	375.04	374.47
4	5.00	15.00	374.12	373.48
5	5.00	20.00	373.14	372.48
6	5.00	25.00	372.38	371.49
7	5.00	30.00	371.77	370.50
8	5.00	35.00	371.32	370.39
9	5.00	40.00	370.91	370.28
10	5.00	45.00	370.62	370.17
11	5.00	50.00	370.59	370.06
12	5.00	55.00	370.43	369.96
13	5.00	60.00	370.21	369.85
14	5.00	65.00	370.07	369.74
15	5.00	70.00	370.06	369.63
16	5.00	75.00	370.13	369.52
17	5.00	80.00	370.10	369.51
18	5.00	85.00	370.14	369.50
19	5.00	90.00	370.13	369.49
20	5.00	95.00	370.13	369.48
21	5.00	100.00	370.32	369.47
22	5.00	105.00	370.36	369.46
23	5.00	110.00	370.73	369.45
24	5.00	115.00	371.23	369.44
25	5.00	120.00	372.05	369.42
26	5.00	125.00	372.96	369.41
27	5.00	130.00	373.62	369.40
28	5.00	135.00	373.08	369.39
29	5.00	140.00	371.76	369.38
30	5.00	145.00	370.82	369.37
31	5.00	150.00	370.42	369.36
32	5.00	155.00	370.06	369.35
33	6.05	160.00	369.67	369.34
34		166.05	367.42	367.42

Pendenze tubo:
- D= -5.95 L= 30.00 P=-19.83% S= 30.58
- D= -0.98 L= 45.00 P= -2.18% S= 45.01
- D= -0.18 L= 85.00 P= -0.21% S= 85.00
- D= -1.92 L= 6.05 P=-31.74% S= 6.35

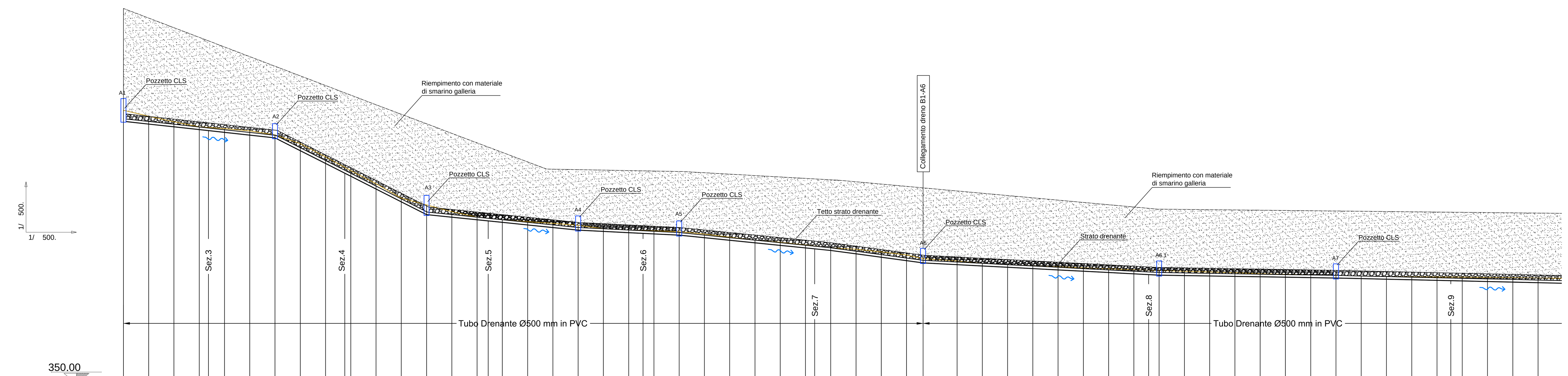
Profilo tratto C1-B4 - scala 1:500



Numero sezioni	Distanze parziali (m)	Distanze progressive (m)	Quote del terreno (m)	Quote fondo tubo (m)
21	6.19	68.86	390.13	389.15
22	2.17	75.05	386.90	386.09
23	5.43	77.22	385.79	385.02
24	3.71	82.65	382.96	382.34
25	5.39	86.36	381.00	380.50
26	4.77	91.76	380.15	380.13
27	3.52	96.52	379.96	379.88
28	5.71	100.04	379.74	379.71
29	4.25	105.76	379.62	379.42
30	3.58	110.01	379.58	379.20
31	3.05	113.59	379.52	379.16
32	4.66	116.63	379.37	379.13
33	5.15	121.29	379.28	379.07
34	9.25	126.44	379.24	379.02
36	3.49	135.70	379.16	378.91
37	1.97	139.18	379.21	378.87
38	11.79	141.15	379.26	378.85
41	2.44	152.94	379.39	378.72
42	3.88	155.39	379.41	378.69
43	2.71	159.26	380.28	378.65
44	1.85	161.98	379.78	378.62
45		163.83	379.69	378.60

Pendenze tubo:
- D=-9.13 L= 17.50 P=-52.17% S= 17.50
- D= -1.20 L= 23.63 P= -5.08% S= 23.66
- D= -0.60 L= 53.82 P= -1.11% S= 53.82

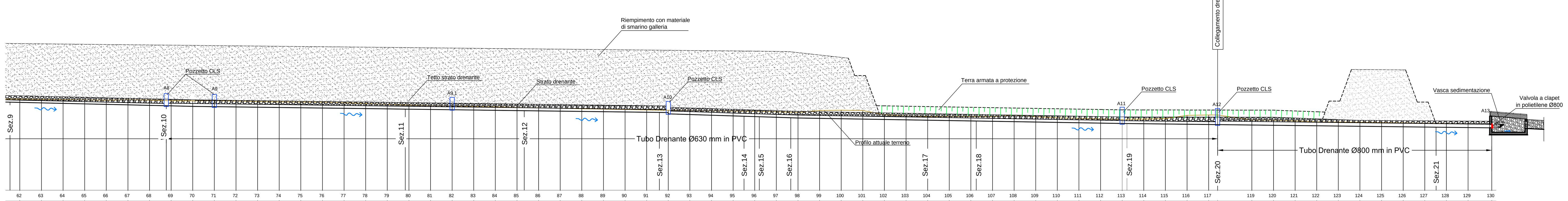
Profilo tratto A1-A13 - scala 1:500



Numero sezioni	Distanze parziali (m)	Distanze progressive (m)	Quote del terreno (m)	Quote fondo tubo (m)
9	5.00	40.00	404.18	402.01
10	5.00	45.00	403.00	401.46
11	5.00	50.00	401.90	400.92
12	5.00	55.00	400.90	400.37
13	5.00	60.00	400.54	399.82
14	5.00	65.00	400.09	399.28
15	5.00	70.00	399.29	398.73
16	5.00	75.00	397.55	396.19
17	5.00	80.00	394.93	393.66
18	5.00	85.00	392.23	391.12
19	5.00	90.00	389.61	388.58
20	5.00	95.00	386.77	386.05
21	5.00	100.00	385.41	383.51
22	5.00	105.00	384.08	383.00
23	5.00	110.00	383.00	382.48
24	5.00	115.00	382.47	381.97
25	5.00	120.00	382.09	381.46
26	5.00	125.00	381.76	380.94
27	5.00	130.00	381.36	380.43
28	5.00	135.00	380.68	380.18
29	5.00	140.00	380.43	379.93
30	5.00	145.00	380.27	379.68
31	5.00	150.00	380.11	379.43
32	5.00	155.00	379.62	378.92
33	5.00	160.00	379.01	378.42
34	5.00	165.00	378.42	377.92
35	5.00	170.00	378.00	377.41
36	5.00	175.00	377.47	376.90
37	5.00	180.00	376.91	376.40
38	5.00	185.00	376.62	375.72
39	5.00	190.00	376.09	375.05
40	3.27	195.00	375.48	374.37
41	6.73	198.27	374.75	373.93
42	5.00	205.00	374.30	373.58
43	5.00	210.00	373.84	373.32
44	5.00	215.00	373.56	373.06
45	5.00	220.00	373.31	372.80
46	5.00	225.00	373.14	372.54
47	5.00	230.00	372.94	372.28
48	5.00	235.00	372.74	372.02
49	5.00	240.00	372.55	371.76
50	5.00	245.00	372.38	371.50
51	5.00	250.00	372.25	371.42
52	5.00	255.00	372.11	371.34
53	5.00	260.00	371.96	371.26
54	5.00	265.00	371.77	371.17
55	5.00	270.00	371.66	371.09
56	5.00	275.00	371.55	371.01
57	5.00	280.00	371.43	370.93
58	5.00	285.00	371.32	370.81
59	5.00	290.00	371.20	370.70
60	5.00	295.00	371.14	370.58
61	5.00	300.00	371.10	370.47
62	5.00	305.00	371.07	370.35
63	5.00	310.00	371.02	370.24
64	5.00	315.00	370.97	370.12
65	5.00	320.00	370.92	370.01

Pendenze tubo:
- D= -3.28 L= 30.00 P=-10.93% S= 30.18
- D=-15.22 L= 30.00 P=-50.73% S= 33.64
- D= -3.08 L= 30.00 P=-10.27% S= 30.16
- D= -1.00 L= 20.00 P= -5.00% S= 20.02
- D= -3.03 L= 30.00 P=-10.10% S= 30.15
- D= -2.47 L= 18.27 P=-13.52% S= 18.44
- D= -2.43 L= 46.73 P= -5.20% S= 46.79
- D= -0.57 L= 35.00 P= -1.63% S= 35.00
- D= -1.50 L= 65.00 P= -2.31% S= 65.02

Profilo tratto A1-A13 - scala 1:500



Numero sezioni	Distanze parziali (m)	Distanze progressive (m)	Quote del terreno (m)	Quote fondo tubo (m)
62	5.00	305.00	371.07	370.35
63	5.00	310.00	371.02	370.24
64	5.00	315.00	370.97	370.12
65	5.00	320.00	370.92	370.01
66	5.00	325.00	370.83	369.89
67	5.00	330.00	370.93	369.78
68	5.00	335.00	370.83	369.66
69	5.00	340.00	370.72	369.55
70	5.00	345.00	370.69	369.43
71	5.00	350.00	370.72	369.36
72	5.00	355.00	370.63	369.30
73	5.00	360.00	370.53	369.24
74	5.00	365.00	370.47	369.17
75	5.00	370.00	370.41	369.11
76	5.00	375.00	370.37	369.04
77	5.00	380.00	370.25	368.98
78	5.00	385.00	370.07	368.91
79	5.00	390.00	369.86	368.85
80	5.00	395.00	369.71	368.78
81	5.00	400.00	369.60	368.71
82	5.00	405.00	369.49	368.65
83	5.00	410.00	369.39	368.58
84	5.00	415.00	369.30	368.52
85	5.00	420.00	369.15	368.46
86	5.00	425.00	369.08	368.39
87	5.00	430.00	368.97	368.33
88	5.00	435.00	368.86	368.26
89	5.00	440.00	368.77	368.20
90	5.00	445.00	368.68	368.13
91	5.00	450.00	368.59	368.07
92	5.00	455.00	368.50	368.00
93	5.00	460.00	368.45	367.54
94	5.00	465.00	368.39	367.38
95	5.00	470.00	368.32	367.22
96	5.00	475.00	368.25	367.06
97	5.00	480.00	368.18	366.90
98	5.00	485.00	367.99	366.74
99	5.00	490.00	368.46	366.66
100	5.00	495.00	368.51	366.57
101	5.00	500.00	368.45	366.49
102	5.00	505.00	367.46	366.40
103	5.00	510.00	367.20	366.32
104	5.00	515.00	367.02	366.23
105	5.00	520.00	367.09	366.15
106	5.00	525.00	367.06	366.06
107	5.00	530.00	367.03	365.98
108	5.00	535.00	367.40	365.89
109	5.00	540.00	366.99	365.81
110	5.00	545.00	366.76	365.72
111	5.00	550.00	366.63	365.64
112	5.00	555.00	366.49	365.55
113	5.00	560.00	366.39	365.47
114	5.00	565.00	366.45	365.41
115	5.00	570.00	366.57	365.35
116	5.00	575.00	367.32	365.29
117	2.07	580.00	367.42	365.23
	7.93	582.07	367.42	365.21
119	5.00	590.00	366.24	365.12
120	5.00	595.00	366.20	365.06
121	5.00	600.00	366.04	365.00
122	5.00	605.00	365.83	364.94
123	5.00	610.00	365.78	364.88
124	5.00	615.00	365.74	364.82
125	5.00	620.00	365.67	364.76
126	5.00	625.00	365.60	364.70
127	5.00	630.00	365.52	364.64
128	5.00	635.00	365.44	364.58
129	5.50	640.00	365.36	364.52
130		645.50	365.26	364.46

Pendenze tubo:
- D= -1.50 L= 65.00 P= -2.31% S= 65.02
- D= -1.43 L= 110.00 P= -1.30% S= 110.01
- D= -0.96 L= 29.99 P= -3.20% S= 30.01
- D= -1.27 L= 75.00 P= -1.69% S= 75.01
- D= -1.01 L= 85.50 P= -1.18% S= 85.50

COMMITTENTE: RFI RETE FERROVIARIA ITALIANA — GRUPPO FERROVIE DELLO STATO ITALIANE

ALTA SORVEGLIANZA: ITALFERR — GRUPPO FERROVIE DELLO STATO ITALIANE

GENERAL CONTRACTOR: COCIV — Consorzio Collegamenti Integrati Veloci

INFRASTRUTTURE FERROVIARIE STRATEGICHE DEFINITE DALLA LEGGE OBIETTIVO N.443/01

TRATTA A.V./A.C. TERZO VALICO DEI GIOVI
PROGETTO ESECUTIVO

RIQUALIFICAZIONE AMBIENTALE VAL LEMME
Dreno di fondo - Profilo

GENERAL CONTRACTOR	DIRETTORE LAVORI	SCALA:
Consorzio **Cociv** Ing. P.P. Marcheselli		varie

COMMESSA	LOTTO	FASE	ENTE	TIPO DOC.	OPERA/DISCIPLINA	PROGR.	REV.
IG51	01	E	CV	FZ	DP0400	002	C

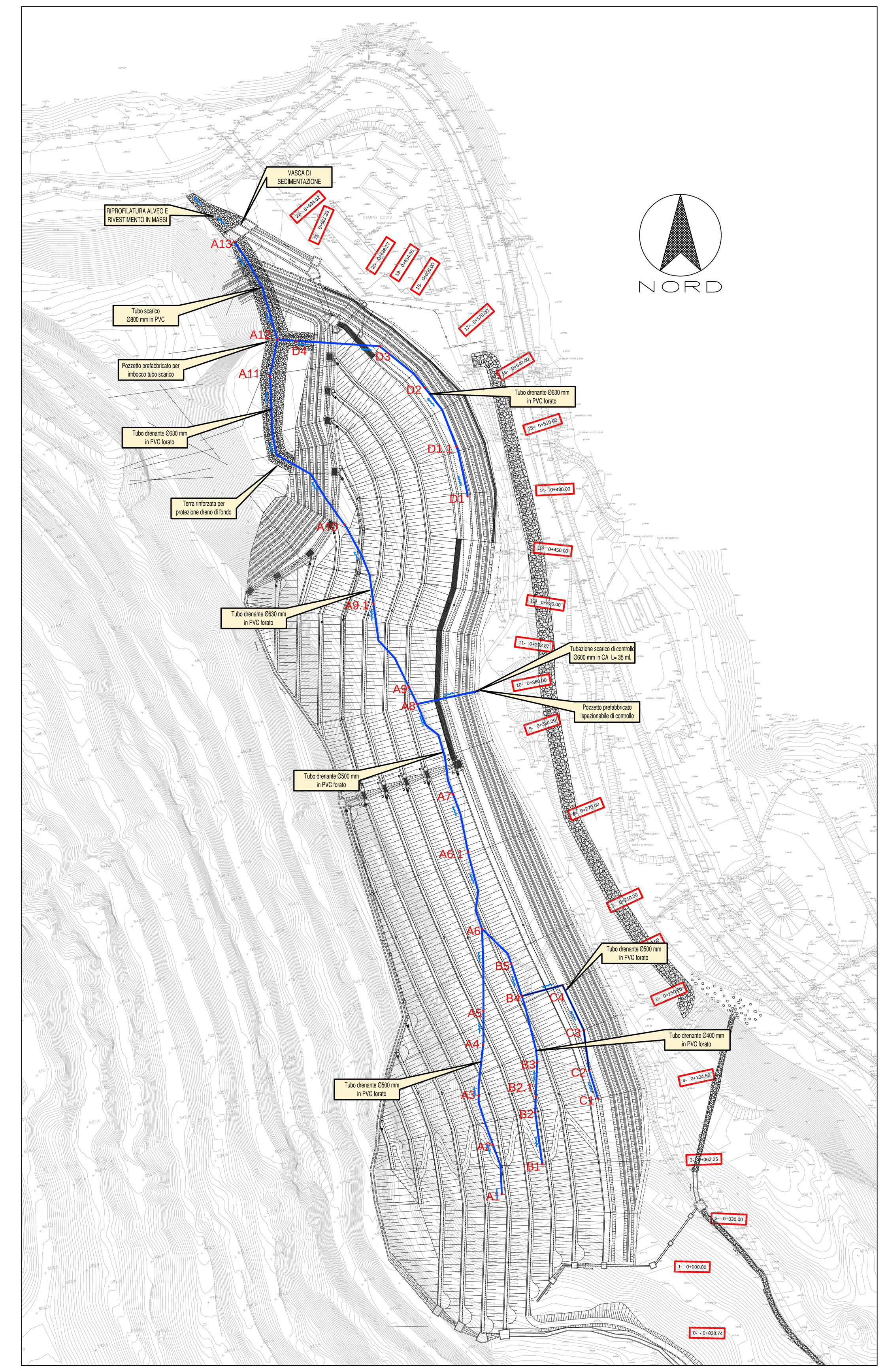
PROGETTAZIONE

Rev.	Descrizione emissione	Redatto	Data	Verificato	Data	Progettista Integratore	Data	IL PROGETTISTA
A00	Prima Emissione	FOLTRAN	23/05/2012	PANIZZA	29/05/2012	E. Pagani	31/05/2012	
B00	Seconda Emissione	FOLTRAN	19/10/2012	PANIZZA	19/10/2012	E. Pagani	19/10/2012	
C00	Istr. ITF IG5101E11ISDP0400002A	FOLTRAN	26/11/2013	PANIZZA	26/11/2013	A. Palomba	26/11/2013	

n. Elab. | Nome File: IG51-01-E-CV-FZ-DP04-00-002-C00
CUP: F81H92000000008

Scala di plot: 1:1

Planimetria - scala 1:1000



Caratteristiche materiali idraulici

Tubi in PVC rigido forato a parete strutturata per condotte fognarie interrate e scarichi non in pressione di reflui civili ed industriali, conformi alla UNI EN13476, con parete strutturata di tipo A1 (superfici interna ed esterna lisce) e sistema di giunzione a bicchiere con anello di tenuta in materiale elastomerico FlexBlock preinserito. Classe di rigidità SN 8 kN/m², ad esclusione dei tratti A10-A13 e D3-A12 per i quali la classe di rigidità è SN16 kN/m²