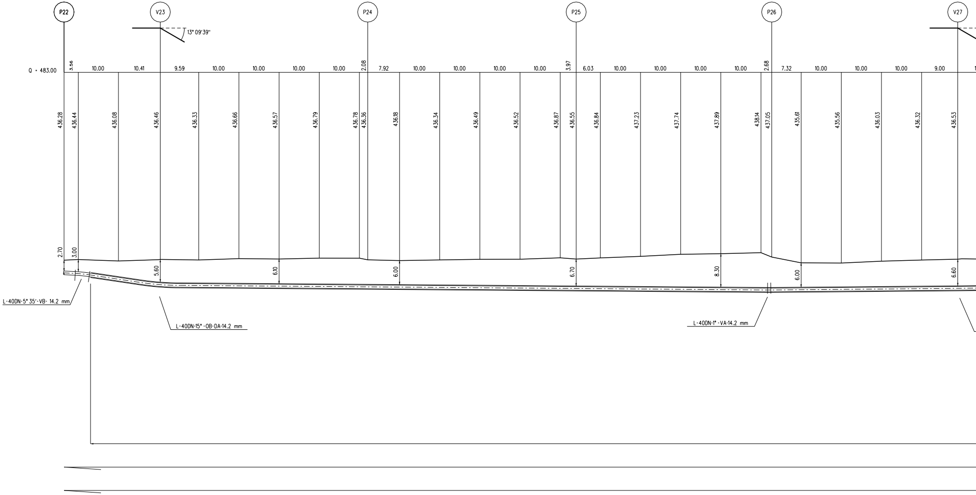
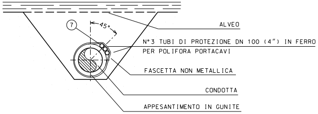
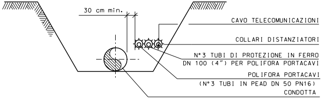

P22
V23
P24
P25
P26
V27
13° 09'39"
Q = 483.00
3.56
10.00
10.41
9.59
10.00
10.00
10.00
10.00
2.08
7.92
10.00
10.00
10.00
10.00
3.97
6.03
10.00
10.00
10.00
10.00
2.68
7.32
10.00
10.00
10.00
9.00
436.28
436.44
436.08
436.46
436.33
436.66
436.57
436.79
436.78
436.36
436.18
436.34
436.49
436.52
436.87
436.55
436.84
437.23
437.74
437.89
438.14
437.05
435.61
435.56
436.03
436.32
436.53
2.70
3.00
5.60
6.10
6.00
6.70
8.30
6.00
6.60
L-40DN-5° 35'-VB- 14.2 mm
L-40DN-15°-OB-DA-14.2 mm
L-40DN-1°-VA-14.2 mm

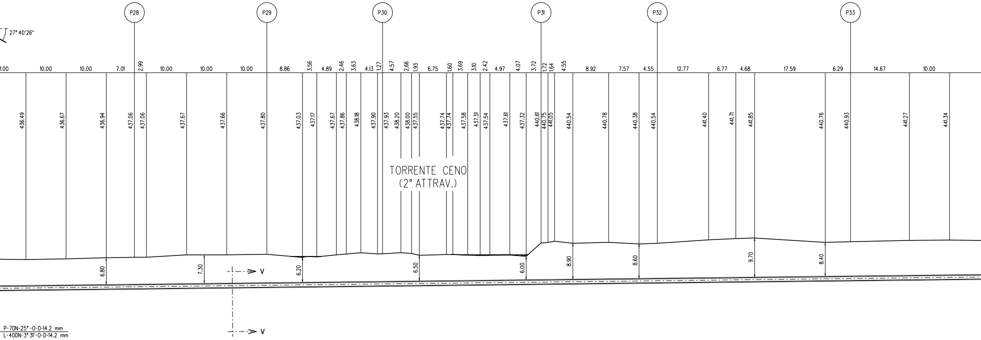
VEDI DIS. LC-11D-81510


7
45°
ALVEO
N°3 TUBI DI PROTEZIONE DN 100 (4") IN FERRO
PER POLIFORA PORTACAVI
FASCETTA NON METALLICA
CONDOTTA
APPESANTIMENTO IN GUNITE

SEZIONE V-V


30 cm min.
CAVO TELECOMUNICAZIONI
COLLARI DISTANZIATORI
N°3 TUBI DI PROTEZIONE IN FERRO
DN 100 (4") PER POLIFORA PORTACAVI
POLIFORA PORTACAVI
(N°3 TUBI IN PEAD DN 50 PN16)
CONDOTTA

SEZIONE C-C

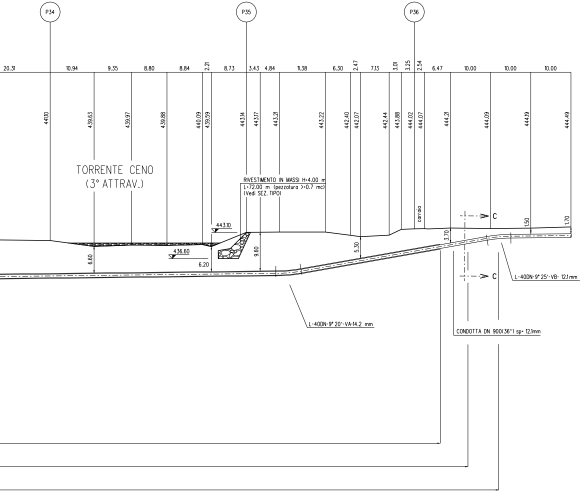

P28
P29
P30
P31
P32
P33
27° 40'26"
1.00
10.00
10.00
7.01
2.99
10.00
10.00
10.00
8.86
3.56
4.89
2.46
3.63
4.13
1.27
4.57
2.66
1.93
6.75
1.60
3.69
3.10
2.42
4.97
4.07
3.72
1.72
1.64
4.55
8.92
7.57
4.55
12.77
6.77
4.68
17.59
6.29
14.67
10.00
436.49
436.67
436.94
437.06
437.06
437.67
437.66
437.80
437.03
437.17
437.67
437.86
438.18
437.90
437.93
438.20
438.00
437.55
437.74
437.74
437.58
437.51
437.54
437.61
437.32
440.61
440.75
441.05
440.54
440.78
440.38
440.54
441.40
441.71
441.85
440.76
440.93
441.27
441.34
TORRENTE CENO
(2° ATTRAV.)
6.80
7.30
V
6.20
6.50
6.00
8.90
8.60
9.70
8.40
P-7DN-25°-0-D-14.2 mm
L-40DN-3° 31'-0-D-14.2 mm
V

APPESANTIMENTO CONTINUO IN GUNITE Sp.17 cm L=577.00 m

TUBO A SPESSORE MAGGIORATO Sp.14.2 mm

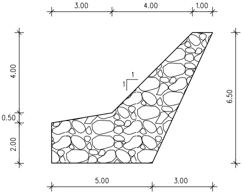
(n.3) TUBI DI PROTEZIONE IN Fe 33 UNI7287/74 DN 100(4") Sp.4.0mm
PER POLIFORA PORTACAVI

SEZIONE A - B scala 1:500


P34
P35
P36
20.31
10.94
9.35
8.80
8.84
2.21
8.73
3.43
4.84
11.38
6.30
2.47
7.13
3.01
3.25
2.54
6.47
10.00
10.00
10.00
441.10
439.63
439.97
439.88
440.09
439.59
443.14
443.17
443.21
443.22
442.40
442.07
442.44
443.88
444.02
444.07
444.21
444.09
444.19
444.49
TORRENTE CENO
(3° ATTRAV.)
RIVESTIMENTO IN MASSI H=4.00 m
L=72.00 m (pezzatura >=0.7 mc)
(Vedi SEZ. TIPO)
carraia
443.10
436.60
6.60
6.20
9.60
5.30
3.70
1.50
1.70
C
C
L-40DN-9° 25'-VB- 12.1mm
L-40DN-9° 20'-VA-14.2 mm
CONDOTTA DN 900(36") sp= 12.1mm

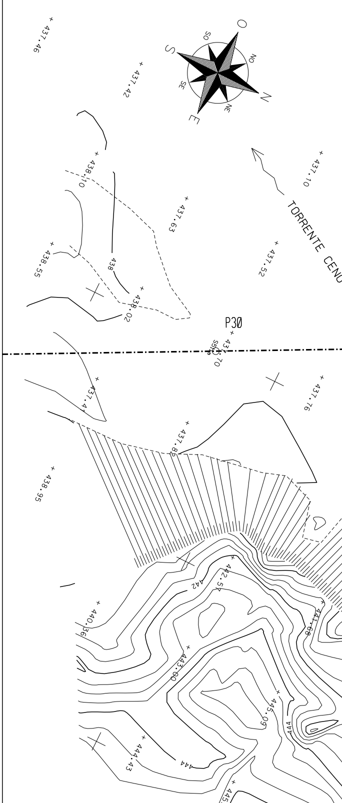
RIVESTIMENTO IN MASSI

(SCALA 1:100)

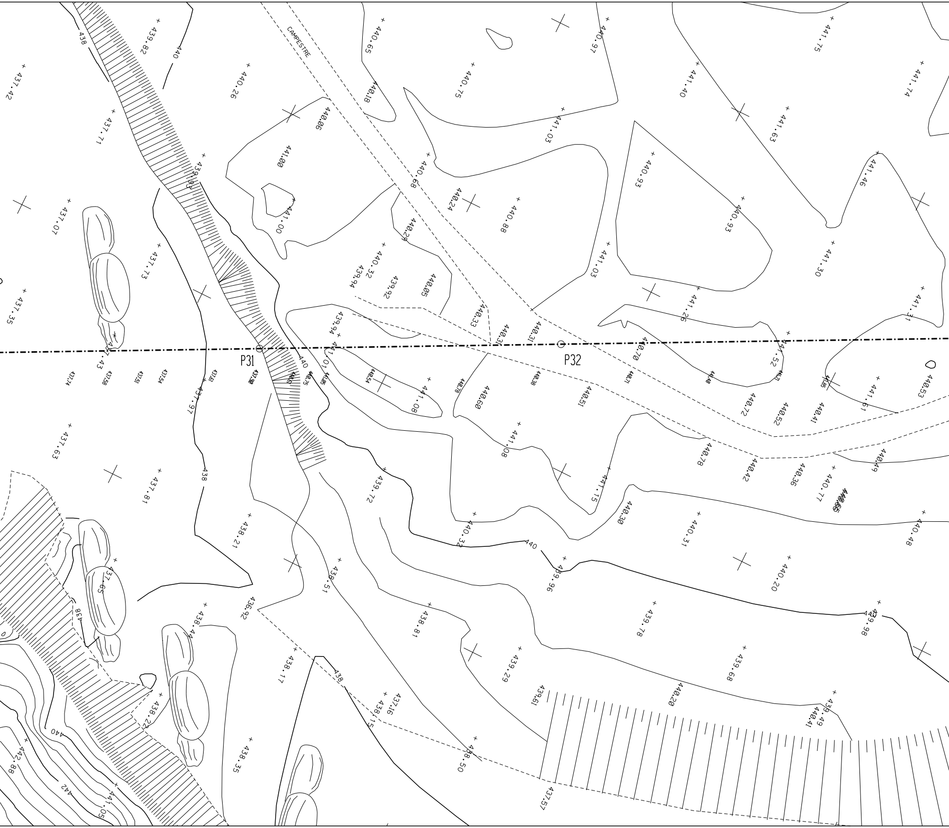

3.00
4.00
1.00
4.00
0.50
2.00
6.50
1
1
5.00
3.00

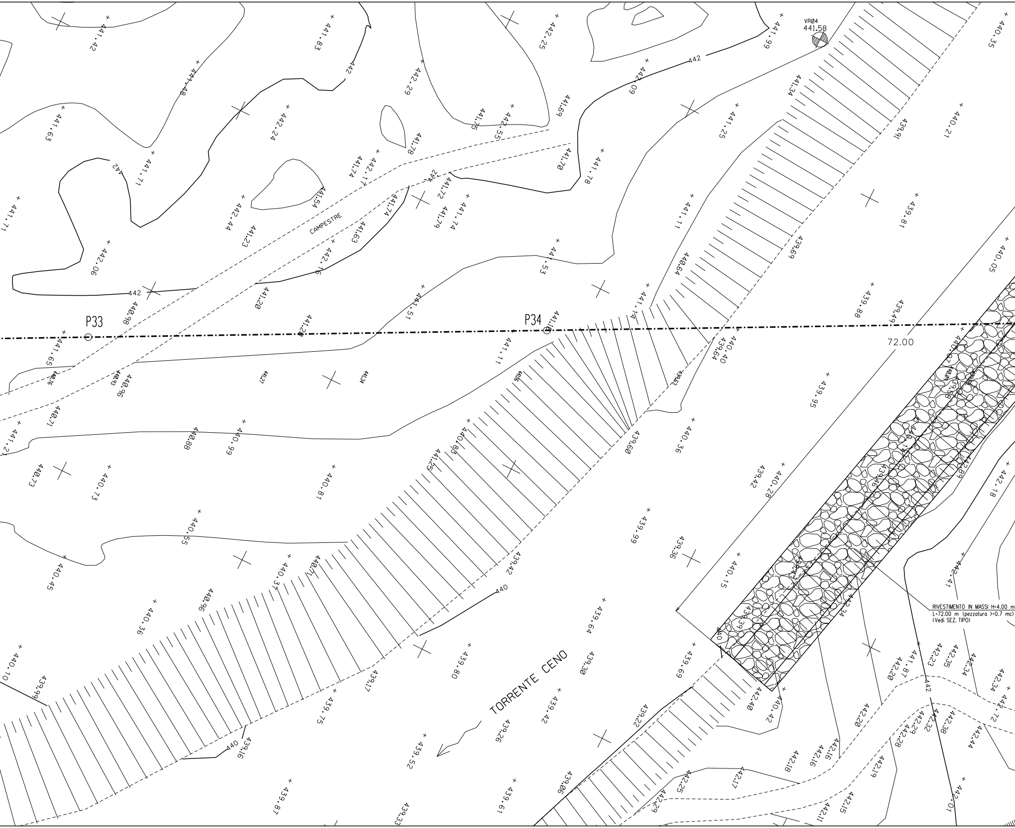
Note:

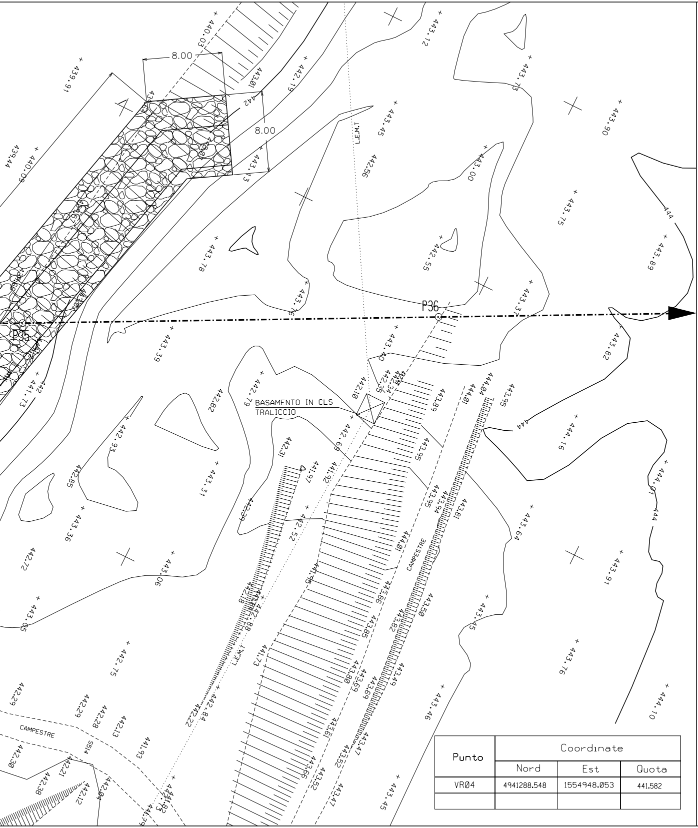
- I massi sono duri e compatti, di natura calcarea, basaltica o trachitica privi di inclusioni e/o piani di sfaldamento di pezzatura media >=0.7 mc.
- Le opere sono dimensionate in modo da ricostituire l'originaria morfologia delle sponde; in particolare non vengono alterate le caratteristiche geometriche della sezione di deflusso e del profilo del corso d'acqua.
- Le scogliere vengono realizzate per tutto il fronte dell'area di lavoro ed immorsate lateralmente in terreno inalterato per almeno 3m.


O
SO
S
SE
E
NE
N
NO
TORRENTE CENO
P30
437.46
437.42
438.10
437.63
437.10
437.52
438.55
438
438.02
437.70
437.4
437.76
437.82
438.95
442.52
442
440.36
441.68
443.00
445.09
444
444.43
444
445.53

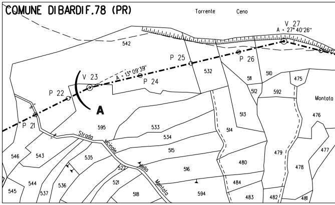
PLANIMETRIA scala 1:200


438
439.82
440
CAMPESTRE
440.65
440.97
441.75
437.42
440.26
440.18
440.75
441.40
441.74
437.71
440.06
441.03
441.63
441.00
439.93
440.68
440.93
441.46
437.07
441.00
440.24
440.88
440.93
440.29
437.73
440.32
439.94
439.92
440.05
441.03
441.30
437.35
441.26
441.31
440.33
440.31
440.31
440.70
439.94
441.01
441.52
437.43
P31
P32
440
437.74
437.58
437.51
437.54
437.61
437.90
440.05
440.75
441.05
440.54
440.78
440.38
440.71
441.40
441.71
441.85
441.08
440.60
440.51
440.72
440.52
440.41
441.51
440.53
437.97
437.63
441.08
440.78
440.42
440.36
440.49
438
437.81
439.72
441.15
440.30
440.77
440.65
440.31
440.48
438.21
440.32
440
439.96
437.65
438.51
440.20
438
436.92
438.81
439.78
439.98
438.44
438.17
438
439.29
439.68
438.22
438.15
437.16
439.61
440.20
439.49
440.41
440
442.88
438.35
438.50
442
441.05
437.57

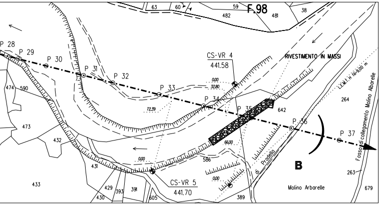

VR04
441.58
P33
P34
CAMPESTRE
72.00
TORRENTE CENO
RIVESTIMENTO IN MASSI H=4.00 m
L=72.00 m (pezzatura >=0.7 mc)
(Vedi SEZ. TIPO)
442
440


8.00
8.00
P35
P36
L.E.M.T
BASAMENTO IN CLS
TRALICCIO
CAMPESTRE
CAMPESTRE
444
442
+ 443.00
+ 443.90
+ 443.89
+ 443.82
+ 444.16
+ 443.64
+ 443.91
+ 443.76
+ 444.10
+ 443.45
+ 443.46
+ 442.75
+ 443.05
+ 443.06
+ 443.36
+ 443.31
+ 443.39
+ 443.78
+ 439.91
+ 440.09
+ 440.03
+ 442.79
+ 443.12
+ 443.73

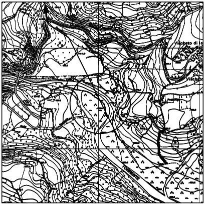
Punto	Coordinate		
	Nord	Est	Quota
VR04	4941288.548	1554948.053	441.582


COMUNE DIBARDIF.78 (PR)
Torrente
Ceno
V 27
A - 27°40'26"
P 25
P 26
V 23
A - 13°09'39"
P 24
P 22
P 21
A
Strada
vicinale
della
Montata
Montata

STRALCIO PLANIMETRICO 1:2000
COMUNE DI BARDI F.78


F.98
63
60
59
482
481
38
P 28
P 29
P 30
P 31
P 32
P 33
P 34
P 35
P 36
P 37
CS-VR 4
441.58
CS-VR 5
441.70
RIVESTIMENTO IN MASSI
L.E.M.T.H fili=9,00 m
Fosso di collegamento Molino Alborelle
di Pradella
0.00
32.80
72.39
66.00
0.00
0.00
474
590
473
432
431
433
429
393
391
430
605
586
389
642
264
263
679
B
Molino Arbarelle

DISEGNI DI RIFERIMENTO	N.



COROGRAFIA
CTR 198133
CTR 198134

Saipem S.p.A.
Il Progettista
Dott. Ing. G.P. LANZA Iscritto all'ordine
degli Ingegneri di Pesaro al n.1180
Tel.0721.1682089 – Fax 0721.1682019
C.F. e P.IVA 00825790157

0	Febbraio 2010	EMISSIONE PER PERMESSI	TARINI	SABBATINI	SCIOSCI
Revisione	DATA	DESCRIZIONE	ELABORATO	VERIFICATO	APPROVATO

Snam Rete Gas

PROGETTISTA Snamprogetti

COD.TEC. WBS NR/
COMMESSA P66990
UNITA' N°. 550

Metanodotto: PONTREMOLI - CORTEMAGGIORE
5°Tronco: BARDI (Loc. GRANELLI) - BARDI (Loc. CASTELLACCIO)
DN 900 (36") - DP 75 bar

LC-11D-81512

REVISIONE 0

Attraversamento: TORRENTE CENO (2°-3° ATTRAV.)

FG. DI

SCALA 1:500

Il presente disegno e' di proprieta' aziendale - La societa' tutelera' i propri diritti a termine di legge.