COMUNE DI CELLE LIGURE

ASSOCIAZIONI BAGNI MARINI
DI CELLE LIGURE

PROGETTO DI FATTIBILITA' TECNICA ED ECONOMICA PER LA DIFESA DELL'ABITATO, DELLE SPIAGGE E DELLE ATTIVITA' PRODUTTIVE CONNESSE

PARTE SECONDA: PROGETTO DI INTERVENTO

ISOLE E PENNELLI SOFFOLTI

TAVOLA N.
21

data
Febbraio 2019

scala
1:500

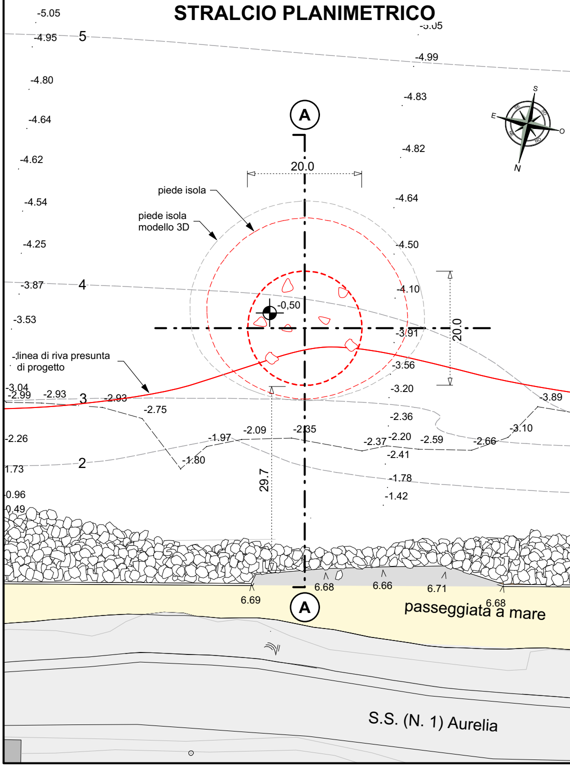
A	PRIMA STESURA	Febbraio 2019
B		
C		
D		
E		

STUDIO SIRITO
Savona

ing. Giorgio Sirito
ing. Roberto Sirito
geom. Vittorio Sirito

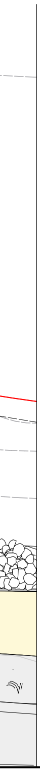
ISOLA 1

STRALCIO PLANIMETRICO

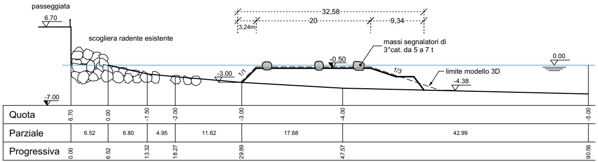


A
20.0
piede isola
piede isola modello 3D
-0,50
20.0
linea di riva presunta di progetto
29.7
A
passeggiata a mare
S.S. (N. 1) Aurelia
S
E
O
N
5
4
3
2
-5.05
-4.95
-4.80
-4.64
-4.62
-4.54
-4.25
-3.87
-3.53
-3.04
-2.99
-2.93
-2.93
-2.75
-2.26
-1.97
-1.80
-2.09
-2.35
1.73
0.96
0.49
-4.99
-4.83
-4.82
-4.64
-4.50
-4.10
-3.91
-3.56
-3.20
-2.36
-2.37
-2.20
-2.59
-2.41
-2.66
-3.10
-3.89
-1.78
-1.42
6.69
6.68
6.66
6.71
6.68

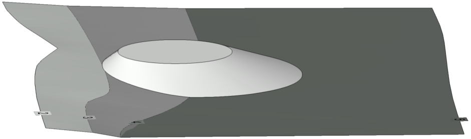
(NATTA) - 1:500



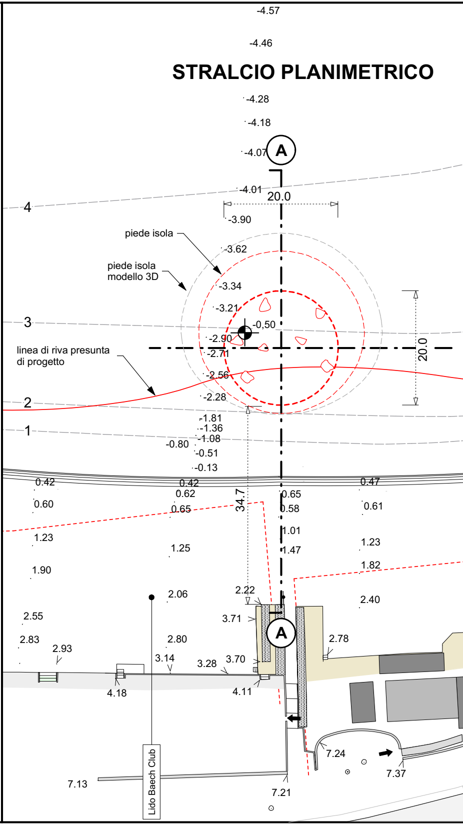
SEZIONE A-A


passeggiata
6.70
scogliera radente esistente
32,58
20
9,34
3,24m
massi segnalatori di
3°cat. da 5 a 7 t
-0.50
0.00
-3.00
1/1
1/3
limite modello 3D
-4.38
-7.00
Quota
Parziale
Progressiva
6.70
0.00
-1.50
-2.00
-3.00
-4.00
-5.00
6.52
6.80
4.95
11.62
17.68
42.99
0.00
6.52
13.32
18.27
29.89
47.57
90.56

VISTA PROSPETTICA MODELLO 3D

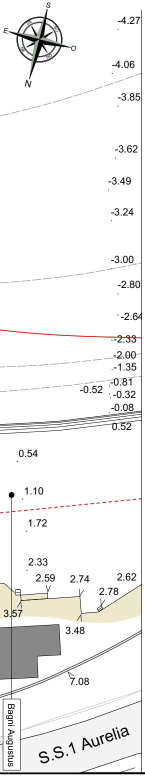


STRALCIO PLANIMETRICO

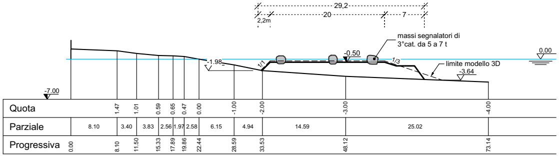

-4.57
-4.46
-4.28
-4.18
-4.07
A
-4.01
20.0
4
-3.90
piede isola
-3.62
piede isola
modello 3D
-3.34
-3.21
3
-0,50
-2.90
-2.71
linea di riva presunta
di progetto
-2.56
20.0
-2.28
2
-1.81
-1.36
1
-1.08
-0.80
-0.51
-0.13
0.42
0.42
0.47
0.60
0.62
0.65
0.61
34.7
0.65
0.58
1.01
1.23
1.25
1.47
1.23
1.90
1.82
2.22
2.06
2.40
2.55
3.71
A
2.83
2.93
2.80
2.78
3.14
3.28
3.70
4.18
4.11
Lido Baech Club
7.24
7.37
7.13
7.21

VOLUME E PESO MASSI ISOLA 1 (Natta)				
Volume isola (modello 3D): 2.348mc				
		Volume (mc)		Peso (ton)
MASSI DI 2° CAT.	2.348mc x 30% =	704	704mc x 2,1 t/mc=	1.479
MASSI DI 3° CAT.	2.348mc x 70% =	1.644	1.644mc x 2,1 t/mc=	3.452
TOTALE		2.348		**4.931**

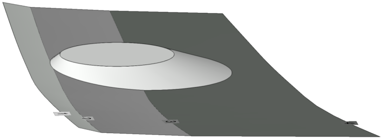
ISOLA 3 (PIANI)


S
E
O
N
SE
SO
NE
NO
-4.27
-4.06
-3.85
-3.62
-3.49
-3.24
-3.00
-2.80
-2.64
-2.33
-2.00
-1.35
-0.81
-0.52
-0.32
-0.08
0.52
0.54
1.10
1.72
2.33
2.59
2.74
2.62
2.78
3.57
3.48
7.08
Bagni Augustus
S.S.1 Aurelia

SEZIONE A-A

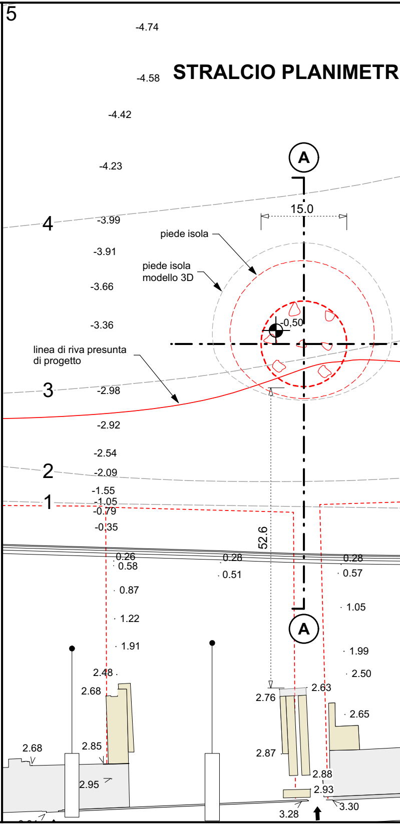

29,2
2,2m
20
7
massi segnalatori di
3°cat. da 5 a 7 t
-0.50
-1.98
1/1
1/3
limite modello 3D
-3.64
0.00
-7.00
Quota
1.47
1.01
0.59
0.65
0.47
0.00
-1.00
-2.00
-3.00
-4.00
Parziale
8.10
3.40
3.83
2.56
1.97
2.58
6.15
4.94
14.59
25.02
Progressiva
0.00
8.10
11.50
15.33
17.89
19.86
22.44
28.59
33.53
48.12
73.14

VISTA PROSPETTICA MODELLO 3D

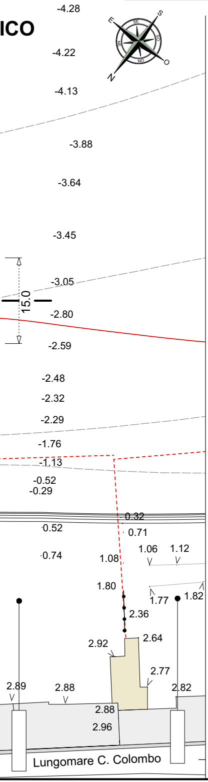


VOLUME E PESO MASSI ISOLA 3 (Piani)				
Volume isola (modello 3D): 1.447mc				
		Volume (mc)		Peso (ton)
MASSI DI 2° CAT.	1.447mc x 30% =	434	434mc x 2,1 t/mc=	912
MASSI DI 3° CAT.	1.447mc x 70% =	1.013	1.013mc x 2,1 t/mc=	2.127
TOTALE		1.447		**3.039**

STRALCIO PLANIMETR

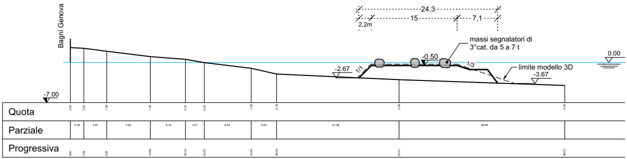

5
-4.74
-4.58
-4.42
-4.23
A
15.0
4
-3.99
piede isola
-3.91
piede isola
modello 3D
-3.66
-3.36
-0,50
linea di riva presunta
di progetto
3
-2.98
-2.92
-2.54
2
-2.09
-1.55
1
-1.05
-0.79
-0.35
52.6
0.26
0.58
0.28
0.51
0.28
0.57
0.87
1.05
1.22
A
1.91
1.99
2.48
2.50
2.68
2.63
2.76
2.65
2.68
2.85
2.87
2.88
2.95
2.93
3.28
3.30

ISOLA 4 (CENTRO)



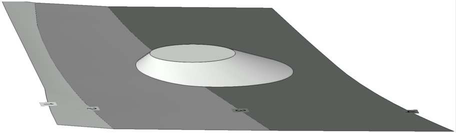
ICO
E
S
SE
SO
NE
NO
O
N
-4.28
-4.22
-4.13
-3.88
-3.64
-3.45
-3.05
15.0
-2.80
-2.59
-2.48
-2.32
-2.29
-1.76
-1.13
-0.52
-0.29
0.32
0.52
0.71
0.74
1.08
1.06
1.12
1.80
1.77
1.82
2.36
2.92
2.64
2.77
2.89
2.88
2.82
2.88
2.96
Lungomare C. Colombo

SEZIONE A-A

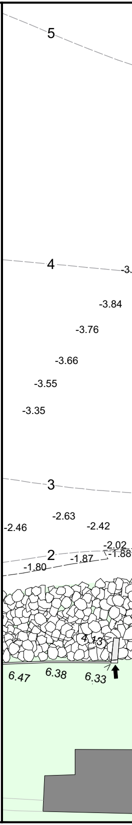


Bagni Genova
24,3
15
7,1
2,2m
massi segnalatori di 3°cat. da 5 a 7 t
-0.50
0.00
-2.67
1/1
1/3
limite modello 3D
-3.67
-7.00
Quota
2.63
2.50
1.99
1.05
0.57
0.00
-1.00
-2.00
-3.00
-4.00
Parziale
2.39
3.97
7.63
6.19
3.27
8.24
4.40
21.48
28.95
Progressiva
0.00
2.39
6.36
13.99
20.18
23.45
31.69
36.09
57.57
86.52

VISTA PROSPETTICA MODELLO 3D



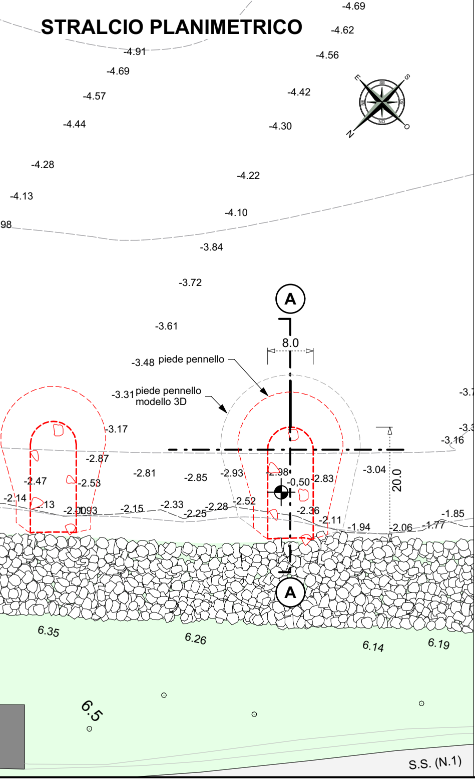
VOLUME E PESO ISOLA 4 (Centro)				
Volume isola (modello 3D): 1.135mc				
		Volume (mc)		Peso (ton)
MASSI DI 2° CAT.	1.135mc x 30% =	341	341mc x 2,1 t/mc=	715
MASSI DI 3° CAT.	1.135mc x 70% =	795	795mc x 2,1 t/mc=	1.668
TOTALE		1.135		**2.384**



5
4
-3.
-3.84
-3.76
-3.66
-3.55
-3.35
3
-2.63
-2.46
-2.42
2
-2.02
-1.88
-1.87
-1.80
4.13
6.47
6.38
6.33

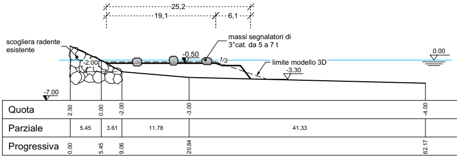
PENNELLI (PIANI)

STRALCIO PLANIMETRICO



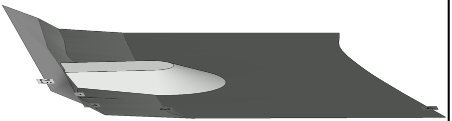
-4.69
-4.62
-4.56
-4.91
-4.69
-4.57
-4.42
-4.44
-4.30
-4.28
-4.22
-4.13
-4.10
98
-3.84
-3.72
A
-3.61
8.0
-3.48 piede pennello
-3.31 piede pennello modello 3D
-3.17
-3.16
-2.87
-2.81
-2.85
-2.93
-2.98
-0,50
-2.83
-3.04
20.0
-2.47
-2.53
-2.14
-2.13
-2.01
-2.093
-2.15
-2.33
-2.25
-2.28
-2.52
-2.36
-2.11
-1.94
-2.06
-1.77
-1.85
A
6.35
6.26
6.14
6.19
6.5
S.S. (N.1)
S
SE
SO
NE
NO
E
O
N

SEZIONE A-A



25,2
19,1
6,1
scogliera radente esistente
massi segnalatori di 3°cat. da 5 a 7 t
-0.50
-2.00
1/3
limite modello 3D
-3.30
0.00
-7.00
Quota
2.50
0.00
-2.00
-3.00
-4.00
Parziale
5.45
3.61
11.78
41.33
Progressiva
0.00
5.45
9.06
20.84
62.17

VISTA PROSPETTICA MODELLO 3D



VOLUME E PESO PENNELLO (Piani)

Volume pennello (modello 3D): 775mc

		Volume (mc)		Peso (ton)
MASSI DI 2° CAT.	775mc x 30% =	233	233mc x 2,1 t/mc=	488
MASSI DI 3° CAT.	775mc x 70% =	543	543mc x 2,1 t/mc=	1.139
TOTALE		775		**1.628**