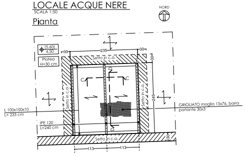
LOCALE ACQUE NERE

SCALA 1:50

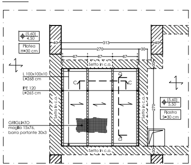
Pianta


NORD
(5.60)
4.50
Platea
H=30 cm
235
30
Setto in c.a.
C
C
D
D
L 100x100x10
L= 233 cm
IPE 120
L=240 cm
GRIGLIATO maglia 15x76, barra portante 30x3
245
113
113

LOCALE ACQUE BIANCHE

SCALA 1:50

Pianta

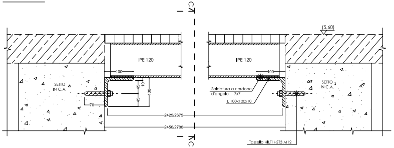

NORD
(5.60)
4.50
Platea
H=30 cm
313
270
40
30
87
87
87
Setto in c.a.
L 100x100x10
L=268 cm
IPE 120
L=265 cm
GRIGLIATO
maglia 15x76,
barra portante 30x3
(5.60)
5.50
Piastra
S=30 cm
C
C
D
D

ANCORAGGIO IPE 120 - SETTO IN C.A.

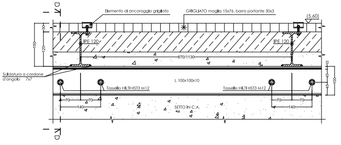
SCALA 1:5

[mm]

Sezione D-D


C
C
(5.60)
IPE 120
IPE 120
100
10
45
45
100
70
SETTO IN C.A.
SETTO IN C.A.
Saldatura a cordone d'angolo 7x7
L 100x100x10
2425/2675
2450/2700
Tassello HILTI HST3 M12

Vista C-C

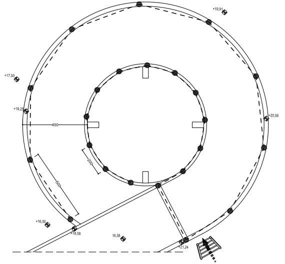

D
D
Elemento di ancoraggio grigliato
GRIGLIATO maglia 15x76, barra portante 30x3
(5.60)
30
150
120
IPE 120
IPE 120
870/1130
Saldatura a cordone d'angolo 7x7
L 100x100x10
Tassello HILTI HST3 M12
Tassello HILTI HST3 M12
10
45
45
100
70
70
140
SETTO IN C.A.

LINEE VITA

scala 1:100

Rampa Tipo

PIANTA COPERTURA


+19,91
+17,00
+19,25
+20,58
450
200
500
+16,50
+18,58
16,58
+21,24

LEGENDA

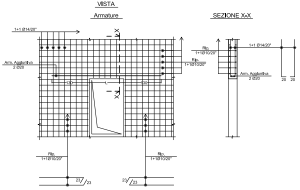
● ANCORAGGIO DI ESTREMITÁ A RASO TERRA IN CLASSE C

ACCESSO ESTERNO TRAMITE SCALA RIMOVIBILE

- - - LINEA DI ANCORAGGIO IN CLASSE C CON FUNE DI ACCIAIO Ø 8 mm

DETTAGLIO ARMATURE IN APERTURE SETTI

scala 1:50


VISTA
Armature
SEZIONE X-X
1+1 Ø14/20"
X
X
Arm. Aggiuntiva
2 Ø20
130
130
Rip.
1+1Ø10/20"
Rip.
1+1Ø10/20"
Rip.
1+1Ø10/20"
Rip.
1+1Ø10/20"
23
23
23
23
1+1 Ø14/20"
Arm. Aggiuntiva
2 Ø20
20
20

MATERIALI

CALCESTRUZZO	Fond.:	C25/30
CALCESTRUZZO	Elev.:	C32/40
CALCESTRUZZO	Op. Access.:	C25/30
ACCIAIO	Inox:	AISI 316
ACCIAIO	Per c.a.:	B450C
BLOCCHI	Murature:	Poroton P800
MALTA MURATURA	Tipo M10	

SOVRAPPOSIZIONI DELLE ARMATURE (L)														
		CLS:	C25/30			ACCIAIO:	B450C							
ϕ	[mm]	8	10	12	14	16	18	20	22	24	26	28	30	32
L	[cm]	51	64	77	89	102	115	128	141	153	166	179	192	204

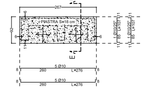
SOVRAPPOSIZIONI DELLE ARMATURE (L)														
		CLS:	C32/40			ACCIAIO:	B450C							
ϕ	[mm]	8	10	12	14	16	18	20	22	24	26	28	30	32
L	[cm]	43	54	65	76	87	98	108	119	130	141	152	163	173

Caratteristiche del calcestruzzo strutturale opere accessorie									
					Copriferro	Interferro	Diametro max dell'aggregato	Rapporto acqua/cemento	
		Classe di resistenza	Classe di esposizione	Classse di Consistenza	[mm]	[mm]	D_{max} [mm]	Raccomandato	Consigliato
	Norma di riferimento	DM14.01.08 Punto 4.1	UNI EN 206-1:2006 EC2	UNI EN 206-1:2006	EC2	EC2	UNI EN 206-1:2006	UNI EN 206-1:2006	
Elemento strutturale									
	Platea	C25/30	XC2	S4	35	30	25	0,60	0,55
	Setti	C25/30	XC2	S4	35	30	25	0,60	0,55
	Piastra di copertura	C25/30	XC2	S4	35	30	25	0,60	0,55

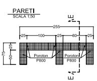
Caratteristiche del calcestruzzo strutturale										
						Copriferro	Interferro	Diametro max dell'aggregato	Rapporto acqua/cemento	
		Classe di resistenza	Classe di esposizione	Classse di Consistenza	Classe di Resistenza al fuoco	[mm]	[mm]	D_{max} [mm]	Raccomandato	Consigliato
	Norma di riferimento	DM14.01.08 Punto 4.1	UNI EN 206-1:2006 EC2	UNI EN 206-1:2006	DM 16/02/2007	EC2	EC2	UNI EN 206-1:2006	UNI EN 206-1:2006	
Elemento strutturale										
	Platea	C25/30	XC2	S4	REI 120*	35	30	25	0,60	0.55
	Setti e Muri	C32/40	XC1	S4	REI 120	35	30	25	0,60	0.55
	Pilastri	C32/40	XC1	S4	REI 120	50	30	25	0,60	0.55
	Travi Intercapedine	C32/40	XC1	S4	REI 90	40	30	25	0,60	0.55
	Travi Rampe	C32/40	XC1	S4	REI 120	55	30	25	0,60	0.55
	Piastre intermedie	C32/40	XC1	S4	REI 90	30	30	25	0,60	0.55
	Piastra di copertura	C32/40	XC1	S4	REI 120	40	30	25	0,60	0.55

ARMADIO IRRIGAZIONE

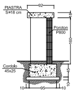
COPERTURA
SCALA 1:50


267
PIASTRA S=18 cm
92
6
11
E
1 Ø10/25"
L=107
85
5 Ø10
260
L=276
8

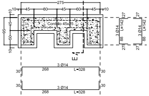
PARETI
SCALA 1:50


255
25
100
80
75
50
Poroton
P800
E

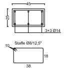
SEZIONE E-E
SCALA 1:50


PIASTRA
S=18 cm
92
18
Poroton
P800
160
Cordolo
45x25
45
10
95

FONDAZIONE
SCALA 1:50

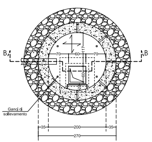

275
10
45
60
Cordolo 45x25
95
50
E
27
3 Ø14
L=142
88
268
L=328
30

Cordolo di fondazione
45x25
SCALA 1:20

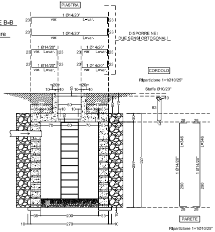

45
25
3+3 Ø14
Staffe Ø8/12,5"
10
18
38

POZZO ASSORBENTE
scala 1:50

CARPENTERIA

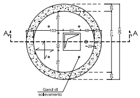

B
70
60
117
Ganci di
sollevamento
35
200
270

SEZIONE B-B
Armature

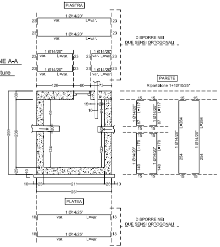

PIASTRA
1 Ø14/20"
var.
L=var.
23
DISPORRE NEI
DUE SENSI ORTOGONALI
CORDOLO
Ripartizione 1+1Ø10/25"
Staffe Ø10/20"
20
10
75
35
40
80
60
70
83
13
30
297
327
28
1 Ø14/20"
L=346
290
200
270
PARETE
Ripartizione 1+1Ø10/25"

VASCA IMHOFF
scala 1:50

CARPENTERIA

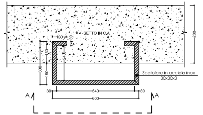

A
76
103
60
48
25
29
211
261
Ganci di
sollevamento

SEZIONE A-A
Armature

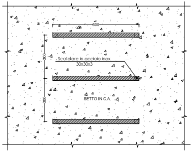

PIASTRA
1 Ø14/20"
var.
L=var.
23
DISPORRE NEI
DUE SENSI ORTOGONALI
PARETE
Ripartizione 1+1Ø10/25"
128
60
73
30
15
24
10
91
94
20
124
122
236
291
25
211
261
15
1 Ø14/20"
L=117
87
L=170
140
L=284
254
PLATEA
1 Ø14/25"
18
DISPORRE NEI
DUE SENSI ORTOGONALI

GRADINO SCALA "ALLA MARINARA" IN ACCIAIO INOX

Pianta
scala 1:10
[mm]

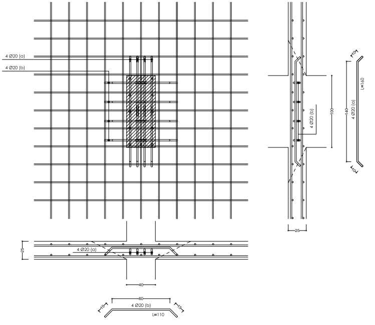

SETTO IN C.A.
100
30
240
150
300
200
Scatolare in acciaio inox
30x30x3
30
540
600
A

Vista A-A
scala 1:10
[mm]


600
300
Scatolare in acciaio inox
30x30x3
SETTO IN C.A.

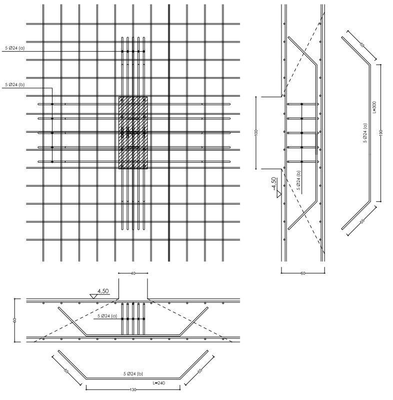
ARMATURE A PUNZONAMENTO IN ELEVAZIONE
scala 1:20 [cm]

RC 4+4Ø20

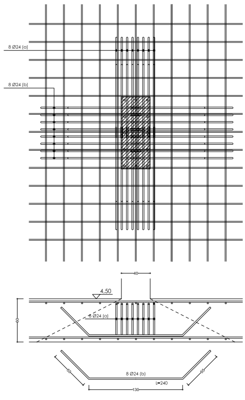

4 Ø20 (a)
4 Ø20 (b)
25
40
80
15
L=110
100
140
10
L=160

ARMATURE A PUNZONAMENTO IN FONDAZIONE
scala 1:20 [cm]

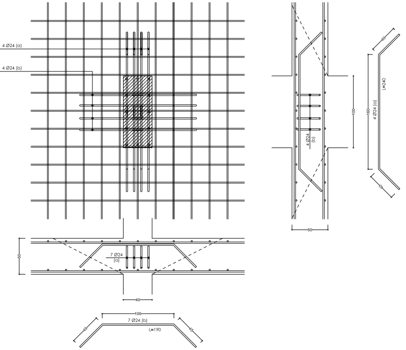
RC 5+5Ø24


5 Ø24 (a)
5 Ø24 (b)
100
-4,50
55
L=300
190
60
40
4,50
L=240
130

RC 8+8Ø24

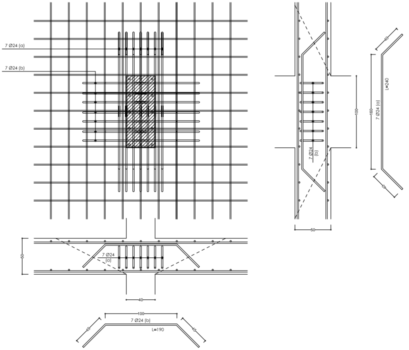

8 Ø24 (a)
8 Ø24 (b)
40
4,50
60
55
L=240
130

RC 4+4Ø24



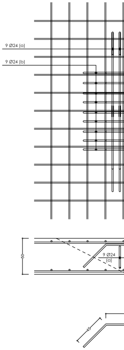
4 Ø24 (a)
4 Ø24 (b)
7 Ø24 (a)
40
50
100
7 Ø24 (b)
L=190
45
45
4 Ø24 (b)
100
160
4 Ø24 (a)
L=240
40
40
50

RC 7+7Ø24

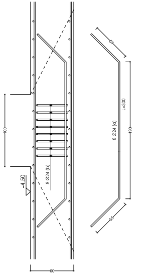


7 Ø24 (a)
7 Ø24 (b)
7 Ø24 (a)
40
50
100
7 Ø24 (b)
L=190
45
45
7 Ø24 (b)
100
160
7 Ø24 (a)
L=240
40
40
50

RC 9+9Ø24

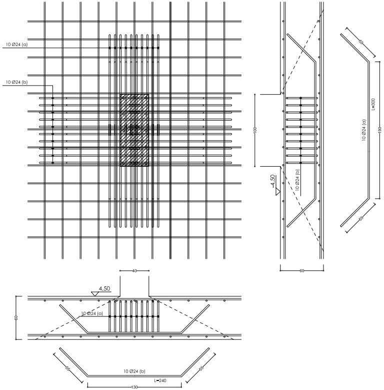


9 Ø24 (a)
9 Ø24 (b)
9 Ø24 (a)
50



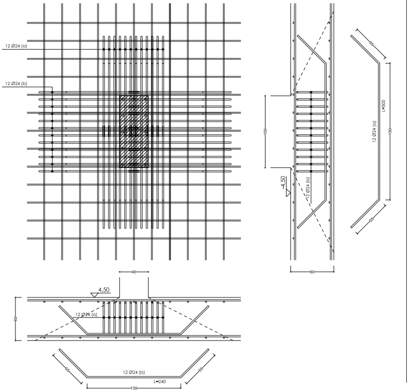
100
-4,50
8 Ø24 (b)
8 Ø24 (a)
L=300
190
55
55
60

RC 10+10Ø24

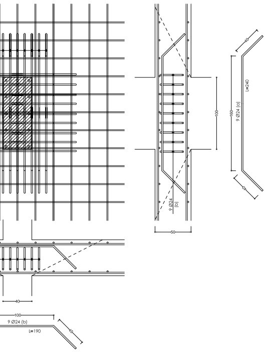


10 Ø24 (a)
10 Ø24 (b)
40
4,50
60
10 Ø24 (a)
10 Ø24 (b)
L=240
130
55
55
100
-4,50
10 Ø24 (b)
10 Ø24 (a)
L=300
190
55
55
60

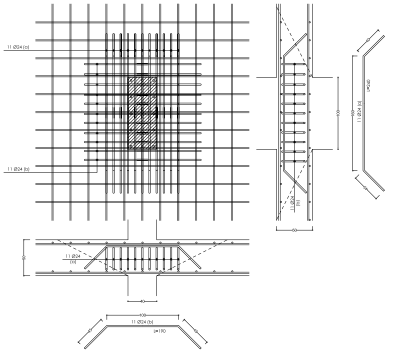
RC 12+12Ø24



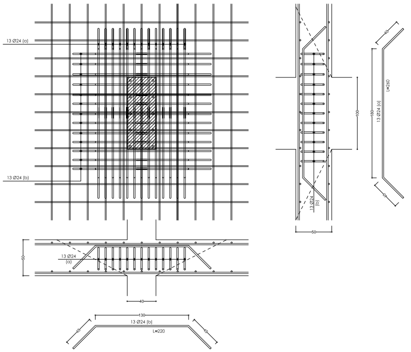
12 Ø24 (a)
12 Ø24 (b)
40
4,50
60
12 Ø24 (a)
12 Ø24 (b)
L=240
130
55
55
100
-4,50
12 Ø24 (b)
12 Ø24 (a)
L=300
190
55
55
60


9 Ø24 (a)
160
L=240
40
40
100
9 Ø24
(b)
50
40
100
9 Ø24 (b)
L=190
45

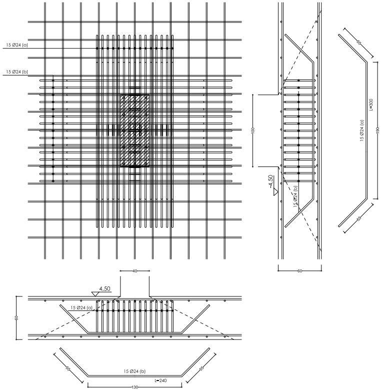
RC 11+11Ø24


11 Ø24 (a)
11 Ø24 (b)
100
160
11 Ø24 (a)
L=240
40
40
11 Ø24
(b)
50
50
11 Ø24
(a)
40
100
11 Ø24 (b)
L=190
45
45

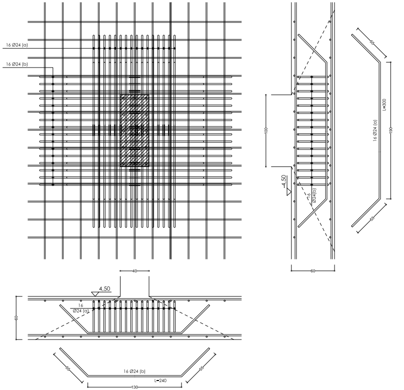
RC 13+13Ø24


13 Ø24 (a)
13 Ø24 (b)
100
180
13 Ø24 (a)
L=260
40
40
13 Ø24
(b)
50
50
13 Ø24
(a)
40
130
13 Ø24 (b)
L=220
45
45

RC 15+15Ø24


15 Ø24 (a)
15 Ø24 (b)
100
-4,50
15 Ø24 (b)
60
55
L=300
15 Ø24 (a)
190
55
40
4,50
15 Ø24 (a)
60
15 Ø24 (b)
L=240
55
55
130

RC 16+16Ø24


16 Ø24 (a)
16 Ø24 (b)
100
-4,50
Ø24 (b)
60
55
L=300
16 Ø24 (a)
190
55
40
4,50
16
Ø24 (a)
60
16 Ø24 (b)
L=240
55
55
130

EMISSIONE	DATA	MODIFICHE
A	2017.11.10	PRIMA EMISSIONE
B	2018.06.15	EMISSIONE PER VERIFICA

COMUNE DI CATANIA

Completamento del Piano di Risanamento del Rione S. Berillo

Convenzione urbanistica del 16/11/2012 tra Comune di Catania e Istica s.p.a. - C.E.Co.S. s.r.l. - Risanamento San Berillo s.r.l.

OPERE DI URBANIZZAZIONE PRIMARIA - PARCHEGGI PUBBLICI INTERRATI CON SOVRASTANTE E ATTIGUA AREA A VERDE ATTREZZATO Vp1-Vp2

PROGETTO ESECUTIVO

STRUTTURE
PARTICOLARI COSTRUTTIVI

Tav: P36

Scala: varie

PROGETTAZIONE STRUTTURALE
Ing. Gabriele Correnti
Piazza della Repubblica, 31
95131 Catania
tel. 095.533423
ingcorrenti@libero.it

DOTT. ING. GABRIELE CORRENTI 1996