Comune di Brindisi

calcoli statici per la costruz. di un lotto
di case per i soci della coop.va edilizia

AMICIZIA

Prog. e D.L.: dott. ing. Giuseppe MARASCO
Calcolatore : dott. ing. Antonio MIGLIETTA

TRAVI DI FONDAZIONE

note
Calcestr. "730" dosato a 3,5 ql/mc.
Ferro ad Aderenza Migliorata
σ_c = 45 kg/cmq compress. Semplice
σ_c = 45 " Pressoff. e Fless.

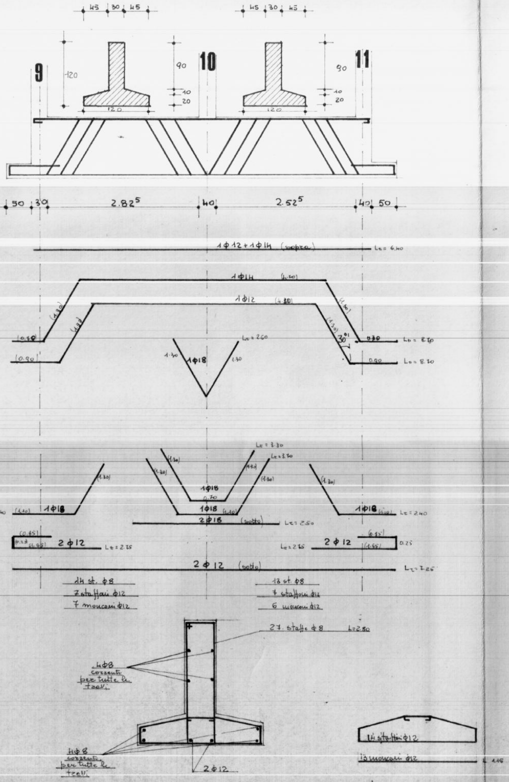
TAVOLA n° 3

RAPP. 1:50

MARZO FRANCO
IMPRESA EDILE

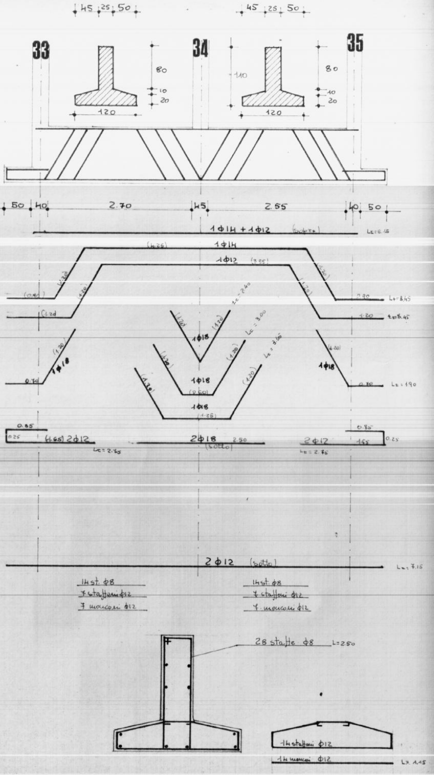
STUDIO TECNICO

IL DIRETTORE DEI LAVORI
(dott. ing. GIUSEPPE MARASCO)

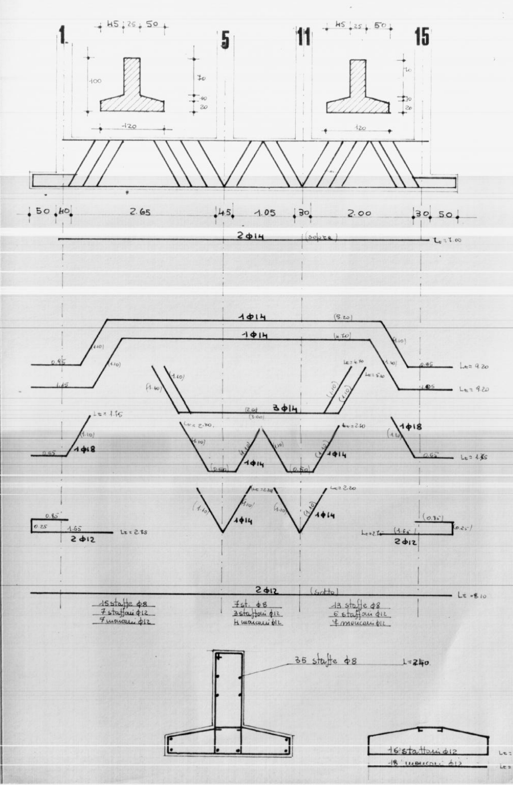


45 30 45
45 30 45
9
10
11
120
90
10
20
120
90
10
20
120
50 30 2.82⁵ 40 2.52⁵ 40 50
1Φ12 + 1Φ14 (sopra) Lc = 6.40
1Φ14 (4.20)
1Φ12 (4.80)
(1.30)
(1.30)
(0.90)
(0.90)
(1.30)
(1.30)
30°
0.90 Lc = 8.70
0.90 Lc = 8.70
1Φ18 Lc = 2.60
1.30
1.30
Lc = 3.30
Lc = 3.70
(1.30)
(1.30)
(1.30)
(1.30)
(1.30)
(1.30)
1Φ18
0.70
1Φ18 (1.10)
Lc = 2.40 (1.10) 1Φ18
1Φ18 (1.10) Lc = 2.40
2Φ18 (sotto) Lc = 2.50
(0.85) (0.25) (1.65) 2Φ12 Lc = 2.75
Lc = 2.75 2Φ12 (0.85) (1.65) 0.25
2Φ12 (sotto) Lc = 7.25
14 st. Φ8
7 staffoni Φ12
7 monconi Φ12
13 st. Φ8
7 staffoni Φ12
6 monconi Φ12
27. staffe Φ8 L=2.80
4Φ8 correnti per tutte le travi
4Φ8 correnti per tutte le travi
2Φ12
14 staffoni Φ12
13 monconi Φ12 1.15

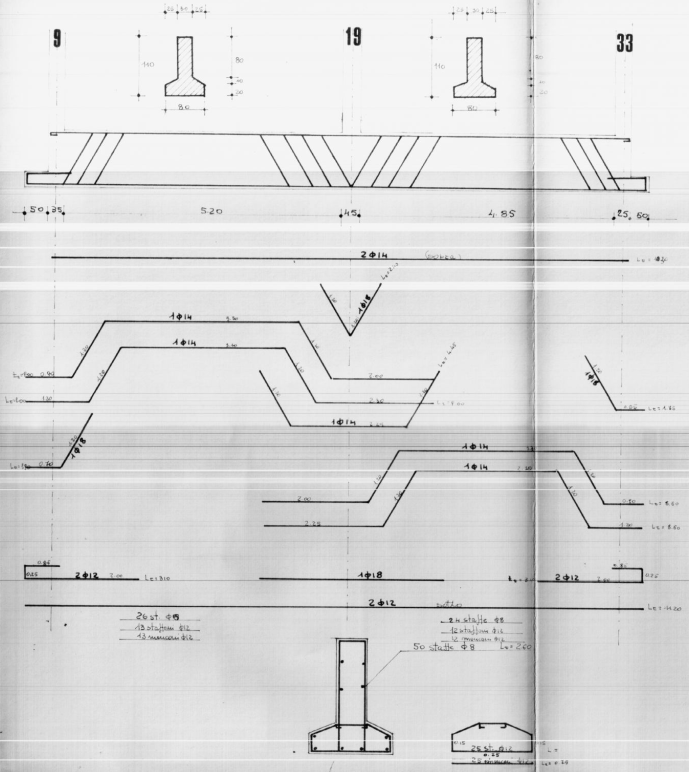
N.B. Le sagomature sono a 30°

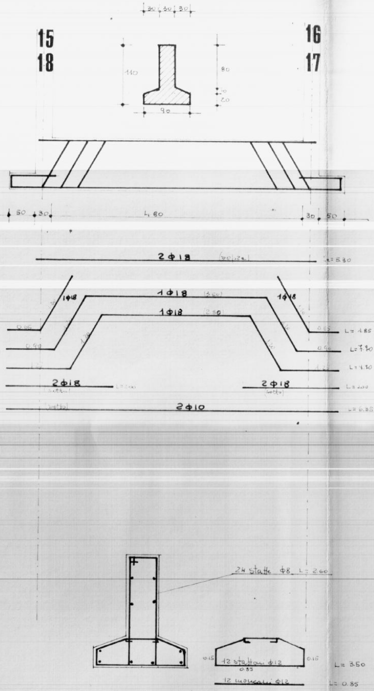


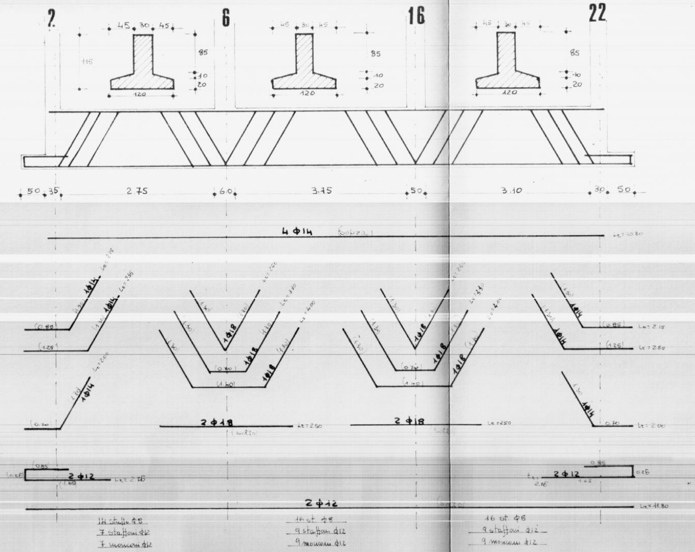
45 25 50
45 25 50
33
34
35
80
10
20
110
80
10
20
120
120
50 40 2.70 45 2.55 40 50
1φ14 + 1φ12 (sopra) Lt=6.15
1φ14 (4.35)
1φ12 (3.55)
(0.90) (1.20) 0.90 Lt=8.45
(1.20) (1.20) 1.20 Lt=8.45
1φ18 Lt=2.40
1φ18 Lt=3.00
1φ18 (0.60) Lt=3.60
1φ18 (1.35)
1φ18 0.70 (1.20) Lt=1.90
1φ18 (1.20) 0.70
0.85 0.25 (1.65) 2φ12 Lt=2.75
2φ18 2.50 (sotto)
2φ12 1.65 0.85 0.25 Lt=2.75
2φ12 (sotto) Lt=7.15
14st. φ8
7 staffoni φ12
7 moncori φ12
14st. φ8
7 staffoni φ12
7 moncori φ12
28 staffe φ8 L=2.50
14 staffoni φ12
14 moncori φ12 Lt=1.15



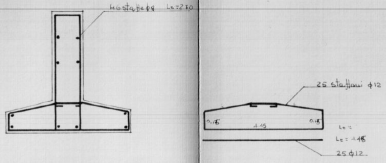
45 25 50
45 25 50
1
5
11
15
100
70
10
20
120
70
10
20
120
50 40 2.65 45 1.05 30 2.00 30 50
2φ14 (sopra) Lt=7.00
1φ14 (5.20)
1φ14 (4.70)
0.95 (1.10) 0.95 Lt=9.20
1.45 (1.10) 1.45 Lt=9.20
Lt=4.70
Lt=5.20
3φ14 (2.80) (1.00)
Lt=1.85 1φ18 0.65 (1.10)
Lt=2.70 1φ14 (0.50)
Lt=2.10 1φ14 (0.50)
1φ18 (1.10) 0.65 Lt=1.85
Lt=2.20 1φ14 (1.10)
Lt=2.20 1φ14 (1.10)
0.85 0.25 1.65 2φ12 Lt=2.75
(0.85) (0.25) (1.65) 2φ12 Lt=2.75
2φ12 (sotto) Lt=8.10
15 staffe φ8
7 staffoni φ12
7 moncori φ12
7st. φ8
3 staffoni φ12
4 moncori φ12
13 staffe φ8
6 staffoni φ12
7 moncori φ12
35 staffe φ8 L=2.50
16 staffoni φ12
18 moncori φ12


9
19
33
25 30 25
110
80
40
30
80
50 35 5.20 45 4.85 25 50
2Φ14 (sopra) L= 10.30
1Φ18 L=2.10
1Φ14
1Φ14
1Φ14
1Φ18
1Φ14
1Φ14
L= 4.45
L= 8.00
L= 1.75
L= 8.60
L= 8.60
2Φ12 2.00 L= 3.10
0.85
0.25
1Φ18
2Φ12
2Φ12 sotto L= 14.20
26 st. Φ8
13 staffoni Φ12
13 moncani Φ12
24 staffe Φ8
12 staffoni Φ12
12 moncani Φ12
50 staffe Φ8 L= 2.60
25 st. Φ12
0.75
25 moncani Φ12 L= 0.75
0.15

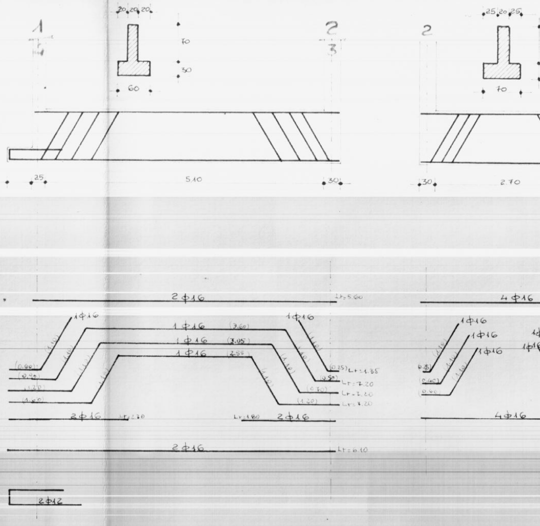

15
18
16
17
30 30 30
110
80
30
20
90
50 30 4.80 30 50
2Φ18 (sopra) L= 5.30
1Φ18
1Φ18 (3.60)
1Φ18 (2.90)
1Φ18
L= 4.85
L= 7.80
L= 4.70
2Φ18 (sotto) L= 2.00
2Φ18 (sotto) L= 2.00
(sotto) 2Φ10 L= 6.35
24 staffe Φ8 L= 2.60
0.15
12 staffoni Φ12
0.85
0.15
12 moncani Φ12
L= 3.50
L= 0.85



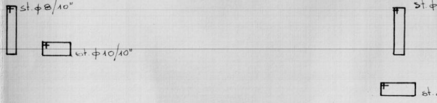
2
6
16
22
45 30 45
115
85
10
20
120
50 35
2.75
60
3.75
50
3.10
30 50
4 φ14 (sopra)
Lt=10.80
1φ14
1φ18
1φ14
2 φ18
Lt=2.50
(sotto)
Lt=2.00
2 φ12
Lt=2.78
2 φ12
Lt=11.80
14 staffe φ8
7 staffoni φ12
7 monconi φ12
16 st. φ8
9 staffoni φ12
9 monconi φ12
16 st. φ8
9 staffoni φ12
9 monconi φ12



40 staffe φ8 Lt=2.70
25 staffoni φ12
0.15
1.15
Lt=1.45
25 φ12



1
2
20 20 20
70
30
60
2
25 20 25
70
25
5.10
30
2.70
2 φ16
Lt=5.60
1 φ16
1 φ16 (3.60)
1 φ16 (3.05)
1 φ16 (2.50)
Lt=7.20
2 φ16
Lt=2.70
Lt=1.80
2 φ16
2 φ16
Lt=6.10
2φ12
4 φ16
1φ16
4φ16



st. φ8/10"
st. φ10/10"
st. φ
st.