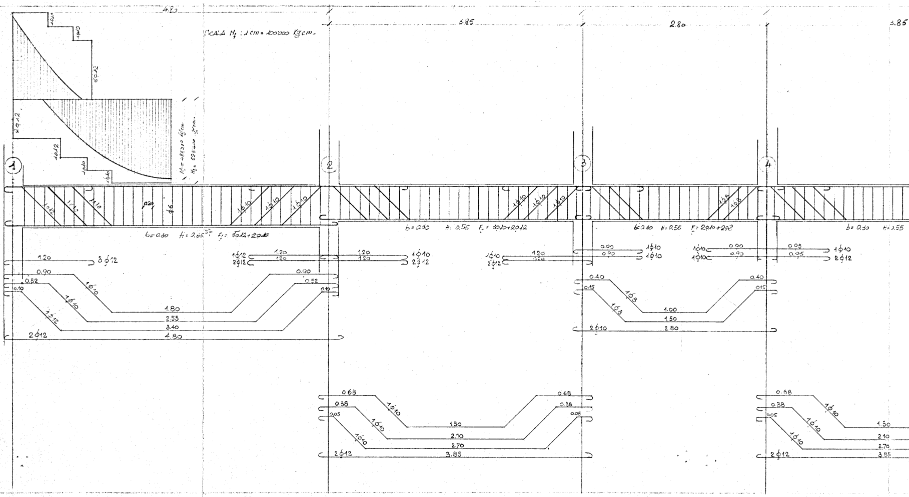
PIANO TIPO

TRAVI DI PERIMETRO

SCALA 1:25

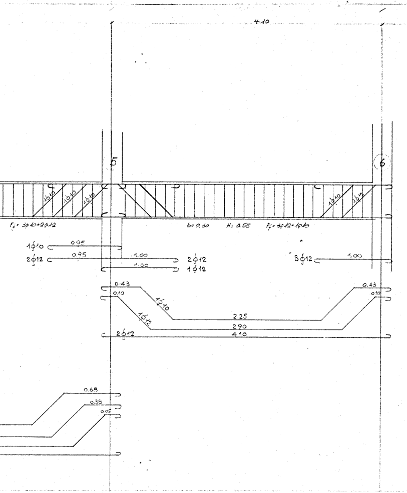
INA CASA
III lotto
Commenda

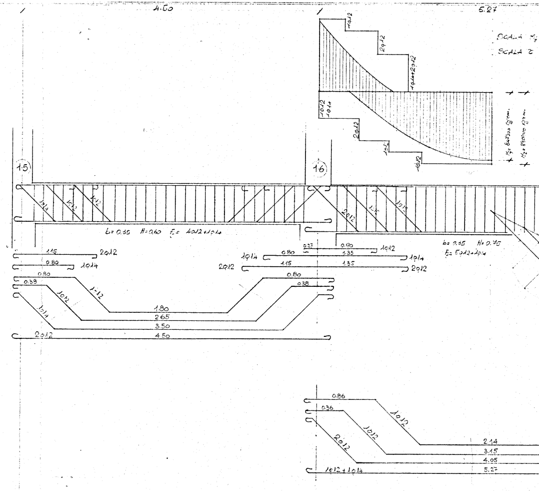

4.80
3.85
2.80
3.85
SCALA M_f : 1 cm = 100'000 Kgcm.
1φ10
1φ10
3φ12
2φ12
1φ12
1φ10
1φ10
M_1 = 488000 Kgcm
M_2 = 623400 Kgcm
1
2
3
4
1φ12
1φ12
1φ10
0.20
φ6
1φ10
1φ10
1φ10
1φ8
1φ8
b = 0.30 H = 0.65 F_i = 3φ12+2φ10
b = 0.30 H: 0.55 F_i = 3φ10+2φ12
b = 0.30 H: 0.55 F_i = 2φ10+2φ8
b = 0.30 H: 0.55
1.20
3φ12
1φ12
2φ12
1.20
1.20
1.20
1.20
1φ10
2φ12
1φ10
2φ12
1.20
1.20
0.90
0.90
1φ10
1φ10
1φ10
1φ10
0.90
0.90
0.95
0.95
1φ10
2φ12
0.90
0.52
0.10
1φ10
1φ10
1φ12
1.80
2.55
3.40
2φ12
4.80
0.90
0.52
0.10
0.40
0.15
1φ8
1φ8
1.00
1.50
2φ10
2.80
0.40
0.15
0.68
0.38
0.05
1φ10
1φ10
1φ10
1.50
2.10
2.70
2φ12
3.85
0.68
0.38
0.05
0.68
0.38
0.05
1φ10
1φ10
1φ10
1.50
2.10
2.70
2φ12
3.85

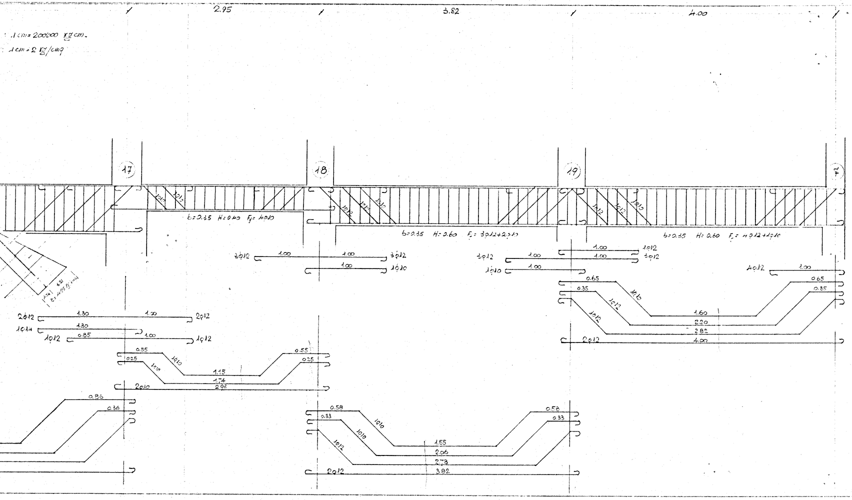
PIANO TIPO

TRAVI DI COLMO

SCALA 1:25


4.10
5
6
1φ10
1φ10
1φ10
1φ10
1φ12
F_f = 3φ10+2φ12
b= 0.30
H= 0.55
F_f = 3φ12+1φ10
1φ10
0.95
2φ12
0.95
1.00
2φ12
1.00
1φ12
3φ12
1.00
0.43
0.10
1φ10
1φ12
2.25
2.90
2φ12
4.10
0.43
0.10
0.68
0.38
0.05

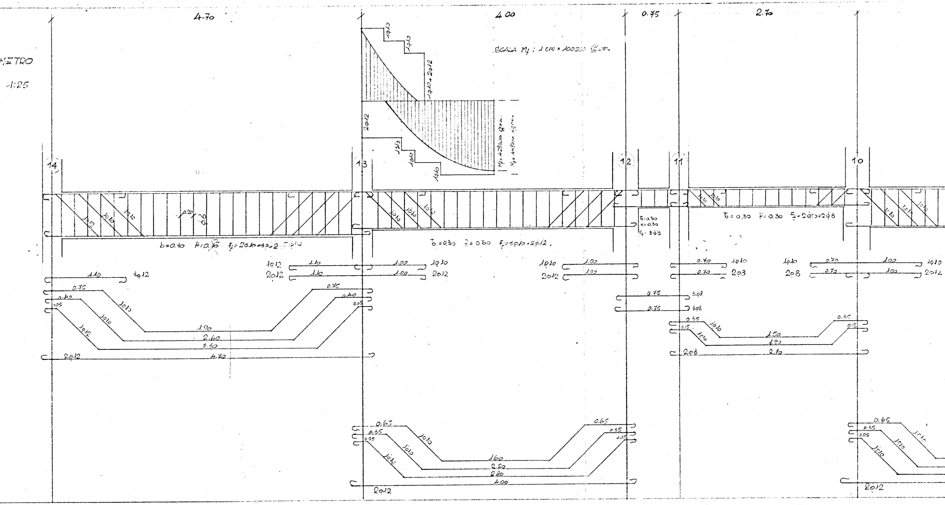

4.50
5.27
15
16
1φ12
2φ12
1φ14+2φ12
1φ12
1φ14
2φ12
1φ14
1φ12
SCALA M_f
SCALA τ
M_f= 847300 Kgcm
M_f= 850700 Kgcm
1φ14
1φ12
1φ12
2φ12
1φ14
1φ12
b= 0.35
H= 0.60
F_f = 4φ12+1φ14
b= 0.35
H= 0.75
F_f = 5φ12+1φ14
1.15
2φ12
0.80
1φ14
0.80
0.39
1φ12
1φ12
1φ14
1.80
2.65
3.50
2φ12
4.50
0.27
0.90
1φ12
1φ14
0.80
1.35
1φ14
2φ12
1.15
1.35
2φ12
0.80
0.38
0.86
0.36
1φ12
1φ12
2φ12
2.14
3.15
4.05
1φ12+1φ14
5.27

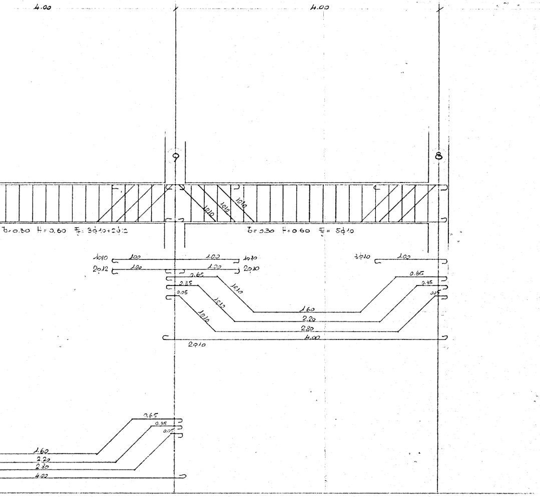

1cm = 200000 Kg cm.
1cm = 2 Kg/cmq
2.95
3.82
4.00
17
18
19
7
b=0.35 H=0.40 Fj= 4φ10
b=0.35 H=0.60 Fi= 3φ12+2φ10
b=0.35 H=0.60 Fi= 4φ12+1φ10
1φ12
1φ10
1φ12
1φ12
1φ10
1φ12
1φ12
1φ10
1.74
1.21
z=4.05 Kg/cmq
2φ12 1.30 1.00 2φ12
1φ14 1.30
1φ12 0.85 1.00 1φ12
0.55
0.25
1φ10
1φ10
1.15
1.74
0.55
0.25
2φ10 2.95
0.86
0.36
3φ12 1.00 1.00 3φ12
1.00 1φ10
3φ12 1.00
1φ10 1.00
1.00 1φ12
1.00 3φ12
4φ12 1.00
0.58
0.33
1φ10
1φ10
1φ12
1.55
2.06
2.73
0.58
0.33
2φ12 3.82
0.65
0.35
1φ10
1φ12
1φ12
1.60
2.20
2.82
0.65
0.35
2φ12 4.00

PIANO TIPO

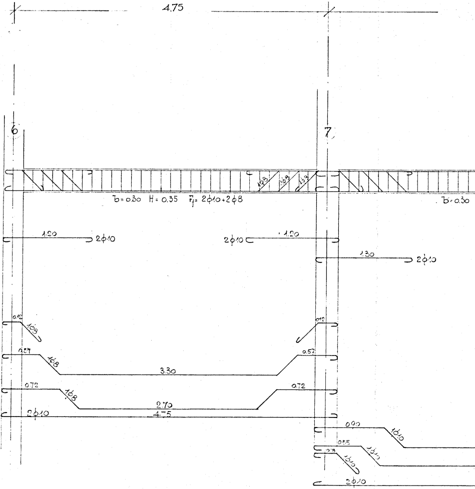
TRAVI DI PERI

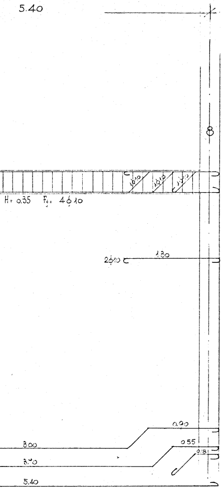
SCALA

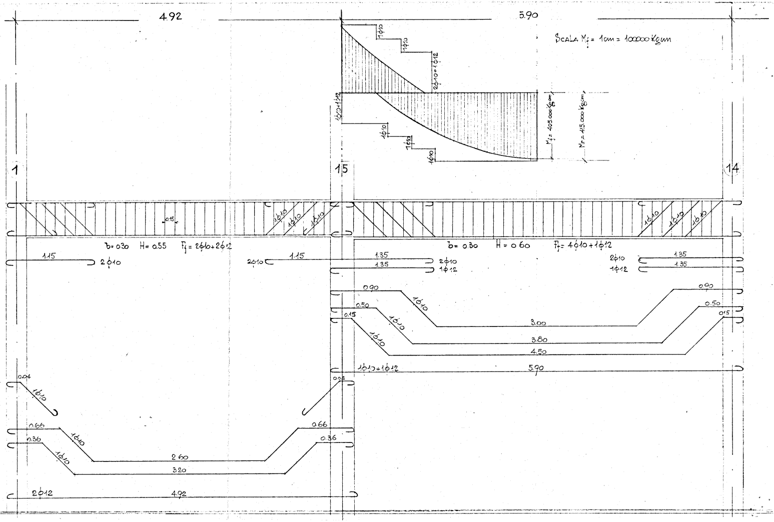

METRO
1:25
4.70
4.00
0.75
2.70
SCALA Mf : 1 cm = 100000 Kgcm.
1φ10
1φ12
1φ10 + 2φ12
2φ12
1φ12
1φ10
1φ10
Mf = 429000 Kgcm.
Mf = 449000 Kgcm.
14
13
12
11
10
1φ12
1φ10
1φ10
0.20
b=0.30 H=0.70 Ff=2φ10+3φ12 Tφ10
b=0.30 H=0.60 Ff=1φ10+2φ12.
b=0.30
H=0.30
Ff=3φ8
b=0,30 H=0.30 Ff=2φ10+2φ8
1φ10
1φ12
1φ10
1φ12
1φ10
1φ10
1φ12
1.10
1.00
1φ10
2φ12
1.10
1.00
2φ12
1.10
3φ12
1φ10
1.00
2φ12
1.00
0.70
1φ10
0.70
2φ8
1φ10
2φ8
0.70
1.00
1φ10
0.70
1.00
2φ12
0.75
0.40
0.05
1φ10
1φ10
1φ12
1.90
2.60
3.30
0.75
0.40
0.05
2φ12
4.70
0.75
3φ8
0.75
3φ8
0.35
0.15
1φ10
1φ10
1.50
1.90
0.35
0.15
2φ8
2.70
0.65
0.35
0.05
1φ10
1φ10
1φ10
1.60
2.20
2.80
0.65
0.35
0.05
2φ12
4.00
0.65
0.35
0.05
1φ10
1φ10
1φ12
2φ12


4.00
4.00
9
8
1φ10
1φ10
1φ10
b=0.30 H=0.60 Ff=3φ10+2φ12
b=0.30 H=0.60 Ff=5φ10
1φ10 1.00 1.00 1φ10
2φ12 1.00 1.00 2φ10
3φ10 1.00
0.65
0.35
0.05
1φ10
1.60
2.20
2.80
4.00
2φ10
0.65
0.35
0.05
1.60
2.20
2.80
4.00

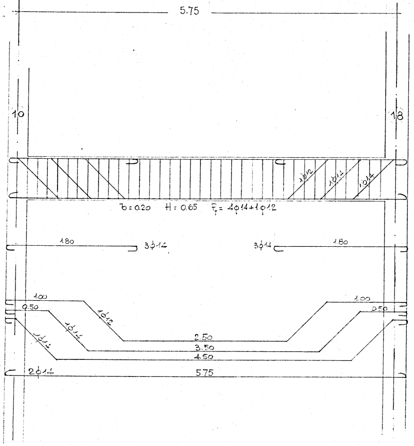
PIANO TIPO
TRAVI DI
TESTATA

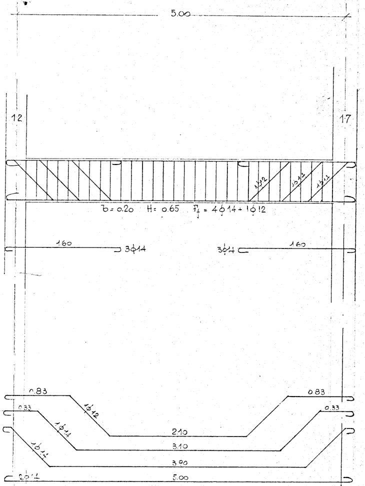

4.75
6
7
1φ8
1φ8
1φ8
b=0.30 H=0.35 Ff=2φ10+2φ8
b=0.30
1.20 2φ10
2φ10 1.20
1.30 2φ10
0.12
1φ8
0.12
0.57
1φ8
3.30
0.57
0.72
1φ8
2.70
0.72
2φ10
4.75
0.90
1φ10
0.55
1φ10
0.15
1φ10
2φ10


5.40
8
1ϕ10
1ϕ10
1ϕ10
H= 0.35 Ff= 4ϕ10
2ϕ10
1.30
0.90
3.00
0.55
3.70
0.31
5.40


4.92
5.90
ScALA Mf = 1cm = 100000 Kgcm
1ϕ10
1ϕ10
2ϕ10+1ϕ12
1ϕ10+1ϕ12
1ϕ10
1ϕ10
1ϕ10
Mf = 405.000 Kgcm
Mr = 415.000 Kgcm
1
15
14
0.15
1ϕ10
1ϕ10
1ϕ10
1ϕ10
1ϕ10
1ϕ10
b= 0.30 H= 0.55 Ff = 2ϕ10+2ϕ12
b= 0.30 H= 0.60 Ff= 4ϕ10+1ϕ12
1.15
2ϕ10
2ϕ10
1.15
1.35
1.35
2ϕ10
1ϕ12
2ϕ10
1ϕ12
1.35
1.35
0.90
1ϕ10
0.90
0.50
1ϕ10
0.50
0.15
1ϕ10
0.15
3.00
3.80
4.50
1ϕ10+1ϕ12
5.90
0.04
1ϕ10
0.04
0.66
1ϕ10
0.66
0.36
1ϕ10
0.36
2.60
3.20
2ϕ12
4.92

TRAVI SCALA


5.75
10
18
1ϕ12
1ϕ14
1ϕ14
b=0.20 H=0.65 Ff=4ϕ14+1ϕ12
1.80
3ϕ14
3ϕ14
1.80
1.00
0.50
1ϕ12
1ϕ14
1ϕ14
1.00
0.50
2.50
3.50
4.50
2ϕ14
5.75


5.00
12
17
1ϕ12
1ϕ14
1ϕ14
b=0.20 H=0.65 Ff=4ϕ14+1ϕ12
1.60
3ϕ14
3ϕ14
1.60
0.83
0.33
1ϕ12
1ϕ14
1ϕ14
0.83
0.33
2.10
3.10
3.90
2ϕ14
5.00