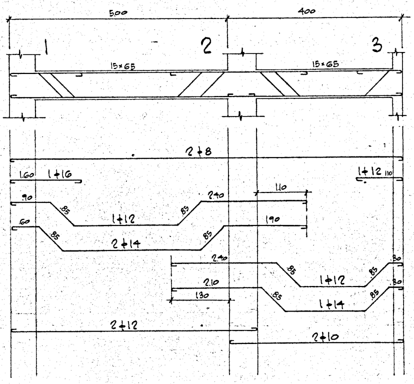
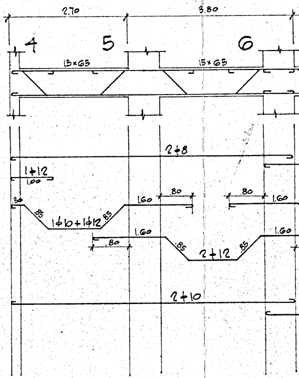
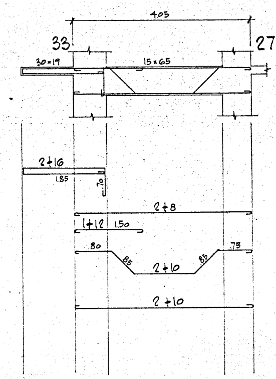
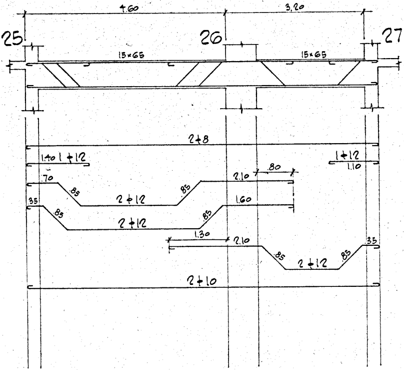
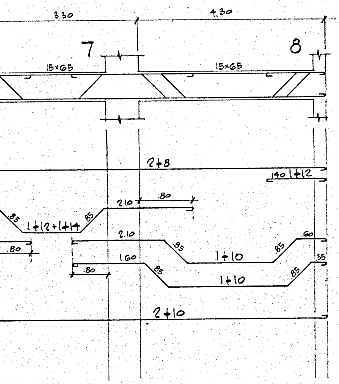

500
400
1
2
3
15×65
15×65
2φ8
1.60
1φ16
1φ12 110
90
85
240
110
1φ12
85
60
190
85
2φ14
85
240
85
1φ12
85
30
210
130
85
1φ14
85
30
2φ12
2φ10

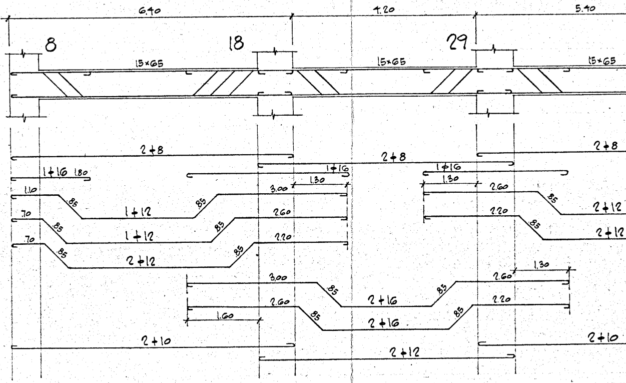

2.70
3.80
4
5
6
15×65
15×65
2φ8
1φ12
1.00
30
85
1φ10+1φ12
85
1.60
80
80
1.60
1.60
80
85
2φ12
85
1.60
2φ10


405
33
27
30×19
15×65
2φ16
1.85
70
2φ8
1φ12
1.50
80
85
2φ10
85
75
2φ10

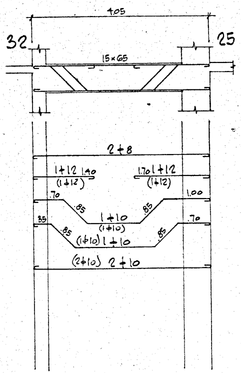

4.60
3.20
25
26
27
15×65
15×65
2φ8
1.40
1φ12
1φ12
1.10
70
85
2φ12
85
2.10
80
35
85
2φ12
85
1.60
1.30
2.10
85
2φ12
85
35
2φ10



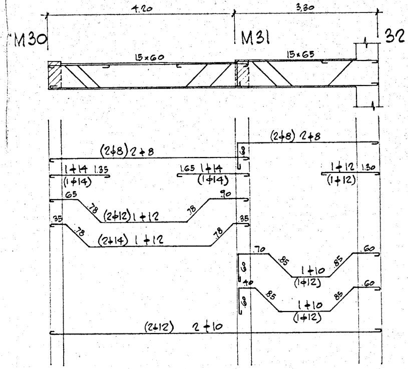
3.30
4.30
7
8
15×65
15×65
2φ8
1.40 1φ12
2.10
.80
.85
1φ12+1φ14
.85
.80
2.10
.85
1φ10
.85
.60
1.60
.85
1φ10
.85
.35
.80
2φ10



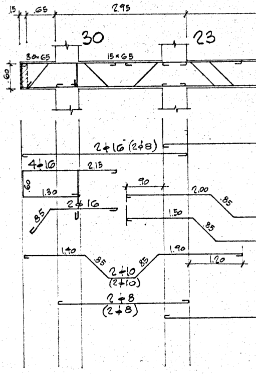
6.40
4.20
5.40
8
18
29
15×65
15×65
15×65
2φ8
2φ8
2φ8
1φ16 1.80
1φ16
1φ16
1.30
1.30
1.10
.85
1φ12
.85
3.00
.70
.85
1φ12
.85
2.60
.70
.85
2φ12
.85
2.20
2.60
.85
2φ12
2.20
.85
2φ12
3.00
.85
2φ16
.85
2.60
1.30
2.60
.85
2φ16
.85
2.20
1.60
2φ10
2φ12
2φ10



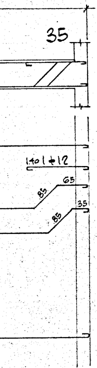
4.05
32
25
15×65
2φ8
1φ12 1.40
(1φ12)
1.70 1φ12
(1φ12)
.70
.85
1φ10
(1φ10)
.85
1.00
.35
.85
(1φ10) 1φ10
.85
.70
(2φ10) 2φ10

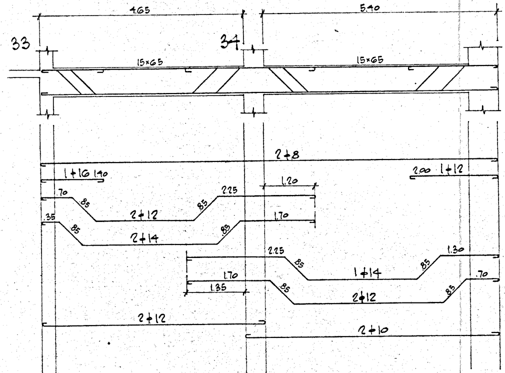


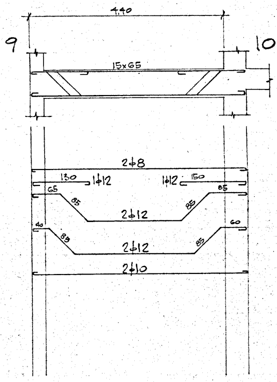
4.20
3.30
M30
M31
32
15×60
15×65
(2φ8) 2φ8
(2φ8) 2φ8
8
1φ14 1.35
(1φ14)
1.65 1φ14
(1φ14)
1φ12 1.30
(1φ12)
.65
.78
(2φ12) 1φ12
.78
.90
.35
.78
(2φ14) 1φ12
.78
.35
.70
.85
1φ10
(1φ12)
.85
.60
.60
.40
.85
1φ10
(1φ12)
.85
.60
.60
(2φ12) 2φ10

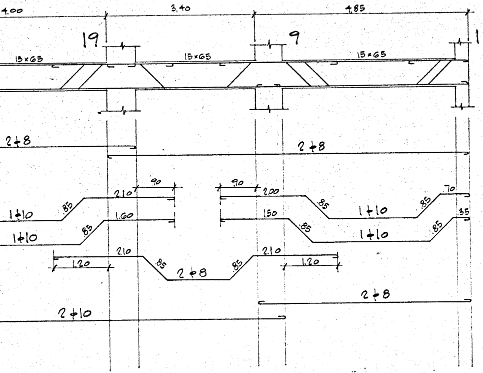


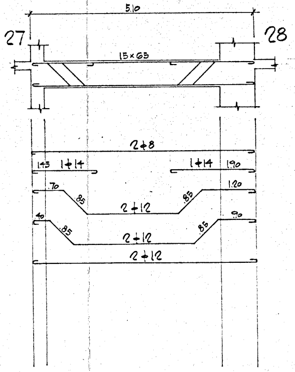
.15
.65
2.95
30
23
30×65
15×65
.60
2φ16 (2φ8)
4φ16
2.15
.60
1.30
2φ16
.85
.90
2.00
.85
1.50
.85
1.40
.85
2φ10
(2φ10)
.85
1.90
1.20
2φ8
(2φ8)

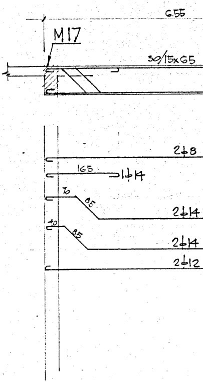

35
1.40 1φ12
65
85
35
85

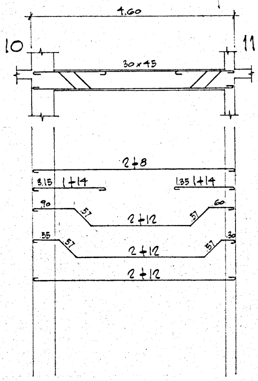

4.65
5.40
33
34
35
15×65
15×65
2φ8
1φ16 1.40
2.00 1φ12
1.20
70
85
2φ12
85
2.25
.35
85
2φ14
85
1.70
2.25
85
1φ14
85
1.30
1.70
1.35
85
2φ12
85
.70
2φ12
2φ10

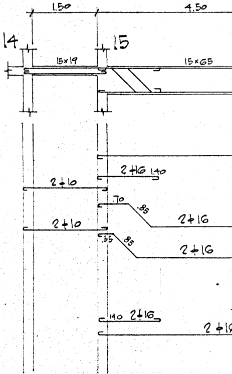

4.40
9
10
15×65
2φ8
1.30 1φ12
1φ12 1.50
65
85
2φ12
85
85
40
85
2φ12
85
60
2φ10

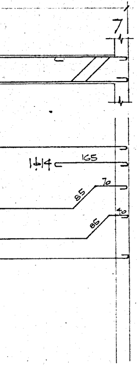

4.00
3.40
4.85
19
9
1
15×65
15×65
15×65
2φ8
2φ8
90
90
2.10
2.00
1φ10
85
85
1φ10
85
70
1.60
1.50
1φ10
85
1φ10
85
85
.35
2.10
2.10
1.20
85
2φ8
85
1.20
2φ8
2φ10

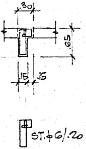

5.10
27
28
15×65
2φ8
1.45 1φ14
1φ14 1.90
70
85
2φ12
85
1.20
40
85
2φ12
85
90
2φ12

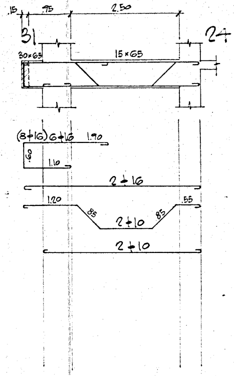

6.55
M17
30/15×65
2φ8
1.65 1φ14
70
85
2φ14
40
85
2φ14
2φ12

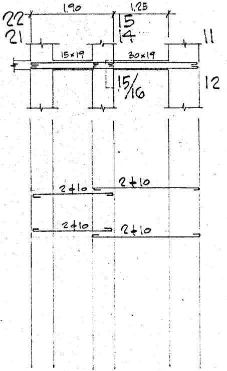

4.60
10
11
30×45
2ϕ8
3.15 1ϕ14
1.35 1ϕ14
.90
.57
2ϕ12
.57
.60
.55
.57
2ϕ12
.57
.30
2ϕ12

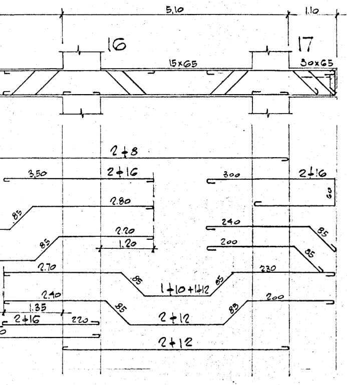

1.50
4.50
14
15
15×19
15×65
2ϕ16 1.40
2ϕ10
.70
.85
2ϕ16
2ϕ10
.35
.85
2ϕ16
1.40 2ϕ16
2ϕ1

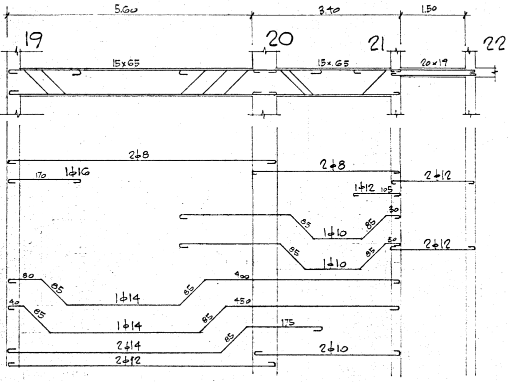

7
1ϕ14
165
.85
.70
.85
.40

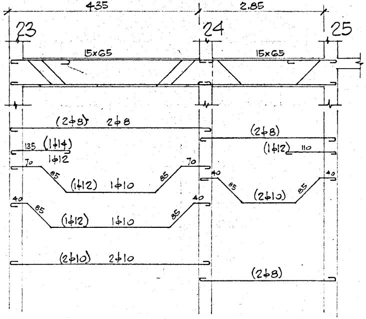

.30
65
.15
.15
ST.ϕ6/.20


.15
.75
2.50
31
24
30×65
15×65
(8ϕ16) 6ϕ16 1.90
.60
1.10
2ϕ16
1.20
.85
2ϕ10
.85
.55
2ϕ10


22
21
1.90
1.25
15
14
11
15×19
30×19
15/16
12
2ϕ10
2ϕ10
2ϕ10
2ϕ10

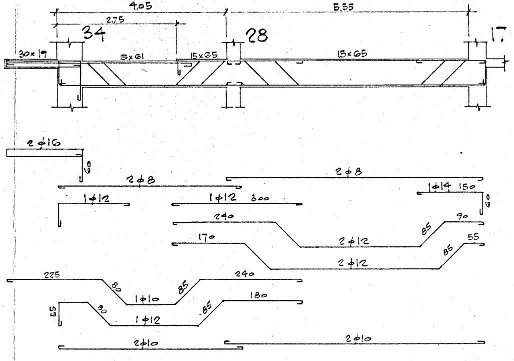

5.10
1.10
16
17
15x65
30x65
2ϕ8
3.50
2ϕ16
300
2ϕ16
60
85
2.80
240
85
85
2.20
200
85
1.20
2.70
85
1ϕ10+1ϕ12
85
230
2.40
85
2ϕ12
85
200
1.35
2ϕ16
220
2ϕ12


5.60
3.40
1.50
19
20
21
22
15x65
15x65
20x19
2ϕ8
170
1ϕ16
2ϕ8
2ϕ12
1ϕ12
105
30
85
1ϕ10
85
30
2ϕ12
85
1ϕ10
85
80
85
400
1ϕ14
85
40
85
450
1ϕ14
85
175
85
2ϕ14
2ϕ10
2ϕ12


4.35
2.85
23
24
25
15x65
15x65
(2ϕ8)
2ϕ8
(2ϕ8)
135
(1ϕ14)
1ϕ12
(1ϕ12)
110
70
85
70
(1ϕ12)
1ϕ10
85
40
85
(2ϕ10)
85
40
40
85
(1ϕ12)
1ϕ10
85
40
(2ϕ10)
2ϕ10
(2ϕ8)

VARIANTE PER 2° E 3° SOLUZ. IN ALTERNATIVA

- LE ARMATURE IN PARENTESI VALGONO PER LA 3° SOL.
- LA TR. 23-24 SI RIFERISCE A 2° E 3° SOLUZ.
- LA TR. 24-25 SI RIFERISCE SOLO ALLA 3° SOLUZ.


4.05
5.55
2.75
34
28
17
30x19
15x61
15x65
15x65
2ϕ16
60
2ϕ8
2ϕ8
1ϕ12
1ϕ12
300
1ϕ14
150
60
240
90
85
2ϕ12
170
55
85
2ϕ12
225
80
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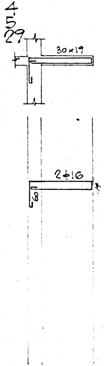
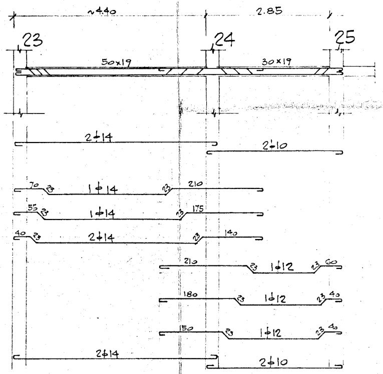
240
1ϕ10
180
55
80
85
1ϕ12
2ϕ10
2ϕ10


4
5
29
30x19
2ϕ16
60


~4.40
2.85
23
24
25
50x19
30x19
2ϕ14
2ϕ10
70
23
1ϕ14
23
210
55
23
1ϕ14
23
175
40
23
2ϕ14
23
140
210
23
1ϕ12
23
60
180
23
1ϕ12
23
40
150
23
1ϕ12
23
40
2ϕ14
2ϕ10

STAFFE ϕ6/20

N.B. _ TUTTE LE ARMATURE IN PARENTESI SI RIFERISCONO ALLA 3ª SOLUZIONE IN ALTERNATIVA -

DATA
AGGIORNAMENTI
DISEGNATO

COOP. "17 NOVEMBRE"
BRINDISI

ARMATURA TRAVI
2° SOLAIO

DIS. n°
48108

CALCESTRUZZO $\sigma_{r\,28} \geq 250$ Kg/cm²
CEMENTO TIPO 730 A 300 Kg/m³
FERRO AQ 50÷50

SCALA
1:50

DISEGNATO
F.G.

DATA
15-2-1967