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PARTICOLARI STRUTTURALI DI FONDAZIONE

N.B. TUTTE LE QUOTE DEVONO ESSERE VERIFICATE IN CANTIERE

TUBOLARE ARMATURA PALI: S355
CARPENTERIA GENERICA (COLONNE, PIASTRE, TIRAFONDI, ETC): S235
COLLEGAMENTI LEGNO: S235 SALVO TIPOLOGIE INDICATE NEI PARTICOLARI
ESECUTIVI (ES. PIASTRE, VITI, CONNETTORI TIPO ROTHOBLAAS)

39.5

3Ø14 correnti superiori

2Ø10/20 correnti di parete

1Ø8/mq spille

Ø12/20 correnti superiori

Ø12/20 correnti inferiori

2Ø14 correnti inferiori

103

20

20

103

20

20

20

20

DIST. 1Ø12/mq L=90

Technical drawing of a reinforced concrete slab cross-section and reinforcement layout.

Cross-section details:

- Top reinforcement: 2Ø14 correnti superiori
- Wall reinforcement: 2Ø10/20 correnti di parete
- Stirrups: 1Ø8/mq spille
- Bottom reinforcement: 2Ø14 correnti inferiori
- Bottom reinforcement: Ø12/20 correnti inferiori
- Reinforcement spacing: 1012/mq
- Dimensions: 33.5 (width), 18.5 (height), 25 (bottom reinforcement offset)

Reinforcement layout details:

- Grid dimensions: 20, 103, 20
- Reinforcement spacing: 1012/mq
- Distance between bars: DIST. 1012/mq L=90

Technical drawing of a reinforced concrete slab cross-section. The drawing shows a central vertical column with a diameter of 20 cm. The slab has a total thickness of 40 cm. The reinforcement consists of top bars (Ø14 and Ø12/20) and bottom bars (Ø12/20). The distance between the top and bottom reinforcement is 25 cm. The drawing also shows the distribution of the reinforcement bars (DIST. 10/12/mq L=90). A table on the right side of the drawing provides the dimensions of the reinforcement bars in cm.

Ø12/20, L=78	10	10
Ø12/20, L=78	50	50
Ø12/20, L=78	10	10

33.5

2Ø14 correnti superiori

2Ø10/20 correnti di parete

1Ø8/mq spille

Ø12/20 correnti superiori

Ø12/20 correnti inferiori

25

1012/mq

20

20

36

20

20

136

96

136

DIST. 1012/mq L=90

20

20

Technical drawing of a reinforced concrete slab cross-section. The slab has a total width of 2500 mm and a thickness of 100 mm. It features a central vertical reinforcement cage with 2Ø12/20 top bars and 2Ø12/20 bottom bars. The cage is 250 mm wide and 850 mm high. The top bars are spaced at 100 mm, and the bottom bars are spaced at 200 mm. The distance between the reinforcement cages is 1012 mm. The drawing also shows the distribution of reinforcement bars and the overall dimensions of the slab.

Technical drawing of a reinforced concrete slab cross-section. The slab has a total thickness of 126 mm. It features a central vertical reinforcement bar with a diameter of 25 mm. The top reinforcement consists of 2014 current upper bars (Ø12/20) with a spacing of 1012 mm. The bottom reinforcement consists of 2014 current lower bars (Ø12/20) with a spacing of 1012 mm. The slab is supported by two walls, each 150 mm thick. The distance between the walls is 2000 mm. The drawing also shows the distribution of reinforcement bars and the spacing of the reinforcement bars (DIST. 1012/mq L=90).

The drawings illustrate the structural details of a column base and tie beam, including dimensions, reinforcement, and material specifications.

Elevation View (Top): Shows the column base (PIANTA BASE PLINTO) and tie beam (PIANTA BAGGIOLO PLINTO). The column is HEA 200. The base is 1000 mm wide and 750 mm high. The tie beam is 1500 mm long and 300 mm high. Reinforcement includes 4 TIRAFONDI M16, PIATTI DI IRRIGIDIMENTO sp=6mm, PIATTO sp=10mm, EMACO sp=50mm, DIMA sp=6mm, and TIRAFONDI M16. The base is finished at 0.00 PAV. FINITO.

Plan View (Bottom): Shows the base and tie beam from above. The base is 1000 mm wide and 750 mm high. The tie beam is 1500 mm long and 300 mm high. Reinforcement includes 4 TIRAFONDI M16, PIATTI DI IRRIGIDIMENTO sp=6mm, PIATTO sp=10mm, EMACO sp=50mm, DIMA sp=6mm, and TIRAFONDI M16. The base is finished at 0.00 PAV. FINITO.

Detail View (Right): Shows the connection between the column and the base. The column is HEA 200. The base is 350 mm wide and 100 mm high. Reinforcement includes 4 TIRAFONDI M16, PIATTI DI IRRIGIDIMENTO sp=6mm, PIATTO sp=10mm, EMACO sp=50mm, DIMA sp=6mm, and TIRAFONDI M16. The base is finished at 0.00 PAV. FINITO.

COLONNA L.L. 20x32

COLONNA L.L. 20x32

2 BULLONI M16 di. 8.8

2x2 TIRAFONDI M14

PIASTRA BASE sp 5cm

DIMA sp 6mm

200

80 70 50

100 100

2 BULLONI M16

IRRIGIDIMENTI sp 7 mm

93 7 320 7 93

4 TIRAFONDI M14

200

520

PIASTRA BASE sp 10 mm