

The drawing consists of three main views: a top view (plan), a side view (elevation), and two end views (sections).

- Top View (Plan):** Shows a rectangular slab with overall dimensions of 400 (width) by 135 (length). The width is divided into four segments: 75, 125, 125, and 75. The length is divided into three segments: 54, 15N17 C/15, and 54. The corners are chamfered with a radius R=5. Reinforcement includes 3N18 bars at the top corners and 15N17 bars at the bottom.
- Side View (Elevation):** Shows the profile of the slab with a total height of 15. The top and bottom edges are chamfered with a radius R=5. The reinforcement is labeled as 4φ12,5N12 (520) SUP. and 2φ10,N16 (415) INF. NA LAJE.
- End Views (Sections):** Show the cross-section of the slab with a total width of 15. The top and bottom edges are chamfered with a radius R=5. The reinforcement is labeled as 2x5φ6,3N13 (CM=62) and 2x5φ6,3N13 (CM=62). The bottom view also shows 4φ12,5N15 (407) INF. and 2φ8,0N20 (238) INF.

CORTE A-A

Dimensions and Reinforcement Details:

- Overall height: 177/180
- Effective depth: 150
- Top reinforcement: 4ø12,5N1
- Bottom reinforcement: 3ø10,0N6
- Side reinforcement: 2ø10,0N2
- Internal reinforcement: 8ø8,0N41, 8ø8,0N5
- Bottom reinforcement (bottom): 4ø12,5N3
- Bottom reinforcement (top): 1ø10,0N2, 2ø10,0N4

Material Specifications:

- Concrete: 25
- Reinforcement: 2x3ø6,3N10 (160) REGIÃO DA VIGA
- Reinforcement: 2x3ø6,3N8 (85) SOBRE AS VIGAS
- Reinforcement: 21ø6,3N11 C/15 (150)
- Reinforcement: 21ø6,3N7 C/15 (CM=410)
- Reinforcement: ø6,3N9 C/30 (40)

Other Dimensions:

- 20
- 24.5
- 10
- 15
- 51
- 51
- 51
- 51
- 51
- 51
- 51
- 17
- 20
- 45
- 20
- 4
- 13
- 20
- 172/175
- 20

Technical drawing of a reinforced concrete slab cross-section (CORTE B-B). The drawing shows the slab profile with reinforcement bars and dimensions.

Dimensions:

- Overall width: 135
- Overall height: 17
- Bottom flange height: 15
- Top flange height: 15
- Web height: 13
- Bottom flange width: 20
- Top flange width: 20
- Web width: 22

Reinforcement Details:

- Top reinforcement: 4 ϕ 12,5N12
- Bottom reinforcement: 2 ϕ 10,0N16
- Side reinforcement: 5 ϕ 6,3N14
- Internal reinforcement: 2 ϕ 12,5N15
- Bottom reinforcement (bottom flange): 2 ϕ 8,0N20
- Bottom reinforcement (web): 32 ϕ 6,3N19 (35)
- Bottom reinforcement (top flange): 15 ϕ 6,3N17 1C/15 (CM=345)

Other Details:

- Reinforcement bars are shown with standard symbols (circles with dots for top, circles with horizontal lines for bottom).
- The drawing includes a section line B-B and a title block with the text "CORTE B-B".

Technical drawing of a reinforced concrete slab (Laje) showing reinforcement details. The drawing includes dimensions: 180m x 180m for the main area, 75m for the side extensions, and 250m for the total width. Reinforcement bars are labeled with codes like 2N33, 19N28 1C/15, 16N27 C/15, 7N32, 7N31, and 19N29 C/15. Symbols C and D indicate column and beam locations. The drawing is oriented with 'EIXO DA PONTE' (Bridge Axis) indicated.

Technical drawing of a reinforced concrete slab cross-section. The drawing shows a slab with a total width of 200 units and a total depth of 50 units. The top reinforcement consists of 16 bars of diameter 10, spaced at 27 units (16#10, 0N27 C/15 (415) SUP.). The bottom reinforcement consists of 17 bars of diameter 10, spaced at 33 units (17#10, 0N33 1C/22). The slab is supported by two columns. The columns have a width of 40 units and a depth of 50 units. The reinforcement is shown in red. The drawing includes dimensions for the slab, columns, and reinforcement bars.

RESUMO DO AÇO CA-50A			
Ø	kg/m	COMP.R. (m)	PESO (kg)
CORTINA DA LONGARINA (2x)			
6,3	0,245	200,4	49,10
8,0	0,395	172,2	68,02
10,0	0,617	74,4	45,90
12,5	0,963	80,0	77,04
TOTAL	kg	+10%	240,06
TRANSVERSINAS (2x)			
6,3	0,245	260,80	63,90
8,0	0,395	9,52	3,76
10,0	0,617	16,6	10,24
12,5	0,963	74,16	71,42
TOTAL	kg	+10%	149,31
TOTAL	kg	+10%	164,25
LAJE ELÁSTICA			
6,3	0,245	15,76	4,25
8,0	0,395	94,63	41,12
10,0	0,617	320,3	217,39
12,5	0,963	164,54	174,30
TOTAL	kg		397,32
TOTAL	kg	+10%	437,05
TOTAL GERAL kg +10%			865,36

OBSERVAÇÕES:

PROÍBIDO A REPRODUÇÃO TOTAL OU PARCIAL DO
PRESENTES PROJETO SEM O CONSENTIMENTO DOS
AUTORES. SOB PENA DA LEI nº 9610/98.