

Technical drawing of a bridge deck layout, showing reinforcement details, dimensions, and section lines A-A, B-B, and C-C.

Reinforcement Details:

- Top Deck:**
 - 2 N2 ϕ 16 C=315
 - 2 N3 ϕ 16 C=260
 - 2 N1 ϕ 6.3 C=305
 - 2 N5 ϕ 16 C=550
 - 1 N6 ϕ 16 C=280
 - 2 N4 ϕ 6.3 C=410
 - 2 N8 ϕ 12.5 C=540
 - 1 N7 ϕ 12.5 C=240
 - 4 N10 ϕ 10 C=265
 - 2 N9 ϕ 10 C=275
 - 2 N11 ϕ 10 C=185
- Bottom Deck:**
 - 4 ϕ 16
 - 2 ϕ 6.3
 - 3 ϕ 16
 - 3 ϕ 16
 - 2 ϕ 6.3
 - 3 ϕ 12.5
 - 3 ϕ 12.5
 - 2 ϕ 12.52 ϕ 12.5 + 4 ϕ 10
 - 4 ϕ 10
 - 2 ϕ 10
 - 4 ϕ 10
- Section Lines:**
 - A-A: 25/80
 - B-B: 20/80
 - C-C: 20/80
- Dimensions:**
 - 275, 220, 214, 213, 273, 210, 111, 50, 120, 100, 51, 214, 213, 210, 111, 51, 180, 785, 161, 44
- Other Details:**
 - N17 C/20 37 ϕ 6.3
 - N18 C/25 13 ϕ 6.3
 - N19 C/25 14 ϕ 6.3
 - 2x6 N23 ϕ 6.3 C=369
 - 2x7 N20 ϕ 6.3 C=770
 - 2x7 N21 ϕ 6.3 C=770
 - 2x6 N22 ϕ 6.3 C=359
 - 3 N15 ϕ 10 C=350
 - 4 N16 ϕ 10 C=390
 - 4 N14 ϕ 10 C=765
 - 2 N12 ϕ 10 C=570
 - 2 N13 ϕ 10 C=800

Technical drawing of a rectangular plate with the following specifications:

- Overall width: $3 \phi 16$
- Overall height: $7 \times 2 \phi 6$
- Bottom edge hole specification: $4 \phi 10$

Diagram showing a cross-section of a rectangular reinforced concrete column. The dimensions are 12.5 inches wide and 10 inches high. The reinforcement includes 2 bars at the top and 3 bars at the bottom, all with a diameter of 12.5 inches. There are also 6x2 bars with a diameter of 6 inches, likely representing stirrups or cross-ties.

74 N17 ϕ 6.3 C=204 13 N18 ϕ 6.3 C=194 14 N19 ϕ 6.3 C=194

[illegible]

Technical drawing of a rectangular plate with dimensions and hole specifications:

- Overall width: 3
- Overall height: 3
- Top edge: 3 holes, diameter $\phi 16$
- Bottom edge: 2 holes, diameter $\phi 10$

17 N13 Ø 5 C=133



21 N13 ϕ 5 C=133

Ø N14 Ø 6.3 C=134

Diagram of a rectangular plate with four corner fasteners. The top edge is labeled "- 4" and the bottom edge is labeled "- 3".

12 N4 ϕ 6.3 C=114

Technical drawing of a mechanical part, likely a shaft or axle, showing various dimensions and tolerances. The drawing includes a cross-section view at the top and a side view below. Key dimensions include diameters (e.g., 125, 265, 17, 120, 10, 6.3, 362), lengths (e.g., 280, 300), and tolerances (e.g., N2, N1, C=155, C=280, C=300). A note "20/40" is present near the top right. The drawing is labeled "V206" on the left and "V" on the right.

 - 2 ϕ 6
 - 3 ϕ 6

6.3 C=114

4 10

0 N4 ϕ 5 C=133

The drawing shows a rectangular area representing a roof plan. At the top, there is a horizontal line labeled "340". Below it, another horizontal line is labeled "2 N1 Ø 12.5 C=365". To the right of this line, there is a dimension "57" with arrows indicating a distance from the right edge of the drawing to the centerline of the line. Below this, a third horizontal line is labeled "2 N2 Ø 12.5 C=220". In the center of the drawing, there is a horizontal line labeled "N4 6/20" above it and "15 Ø 8" below it. To the right of this central line, there is a dimension "4 Ø 12.5". Below the central line, there is a horizontal line labeled "3 Ø 10". At the bottom, there is a horizontal line labeled "325" above it and "3 N3 Ø 10 C=340" below it. On the left side, there are two vertical lines with jagged ends, one labeled "P23". On the right side, there are two vertical lines with jagged ends. There are also some small circles and arrows pointing towards the center of the drawing.

6.3 C=114

P17

RESUMO DE AÇO				
AÇO	BIT mm	COMPR m	PESO kgf	
60A	5	100	15	
50A	6,3	601	147	
50A	10	220	135	
50A	12,5	54	52	
50A	16	63	99	
Peso Total	60A =		15 kgf	
Peso Total	50A =		434 kgf	

Eficácia
Projetos e Consultoria

CONFIGURACAO DAS PENAS - FORMATO A1 (641 x 960mm)						
RED	YELLOW	GREEN	CYAN	BLUE	MAGENTA	WHITE
0.25	0.50	0.13	0.30	0.40	1.0	0.80
						0.18