

Technical drawing of a bridge deck cross-section showing reinforcement details for four bays (VB.8 to VB.11). The drawing includes top and bottom reinforcement bars with diameters, spacing, and lengths. Section lines A-A and B-B are indicated.

Top Reinforcement Details:

- Bay VB.8:** 2 N1 ϕ 12.5 C=900
- Bay VB.9:** 2 N2 ϕ 12.5 C=780
- Bay VB.10:** 2 N2 ϕ 12.5 C=780
- Bay VB.11:** 2 N2 ϕ 12.5 C=780

Bottom Reinforcement Details:

- Bay VB.8:** 2 ϕ 12.5
- Bay VB.9:** 2 ϕ 12.5
- Bay VB.10:** 2 ϕ 12.5
- Bay VB.11:** 2 ϕ 12.5

Section Lines:

- A-A:** Vertical section line passing through the center of the deck.
- B-B:** Horizontal section line passing through the center of the deck.

Dimensions and Spacing:

- Top Bar Spacing:** 6 ϕ 6.3
- Bottom Bar Spacing:** 26 ϕ 6.3
- Top Bar Lengths:** 1130, 560
- Bottom Bar Lengths:** 1130, 560

A diagram of a rectangular plate with a width of 15 and a height of 40. The plate is oriented vertically. The width is labeled '15' at the top, and the height is labeled '40' on the left side. The plate has four small circles at the corners, representing holes or fasteners.

[illegible]

A diagram of a rectangular plate with a width of 20 and a height of 40. The dimensions are labeled with numbers 20 and 40 next to the respective sides of the rectangle.

Technical drawing of a mechanical part. The drawing shows a cross-section of a part with a width of 20 and a height of 50. There are four small circles (holes) arranged in a 2x2 grid in the top-left corner of the part.

27 N9 Ø 6.3 C=130

Technical drawing of a mechanical part. The drawing shows a rectangular feature with a width of 20 and a height of 50. The dimensions are indicated by dimension lines and numerical values.

21 N9 ϕ 6.3 C=130

Technical drawing of a rectangular block. The top horizontal edge is labeled with the dimension 20. The left vertical edge is labeled with the dimension 50.

44

21 N9 \emptyset 6.3 C=130

34

8 N8 ϕ 6.3 C=110

Technical drawing of a mechanical assembly, showing a side view and two cross-sections (Corte A and Corte B).

Side View Dimensions and Specifications:

- Top left: 132, 2 N1 ϕ 16 C=240
- Top center: 2 N2 ϕ 16 C=700
- Top right: 20X50
- Top right (detail): 20X60, P5, VB4
- Bottom left: 4 ϕ 16, 2 ϕ 10, N5 C/15 ϕ 6.3
- Bottom center: 2 ϕ 16, 4 ϕ 16, N6 C/20 25 ϕ 8
- Bottom right: 2x3 N7 ϕ 8 C=500
- Bottom right (detail): 584, (1 ϕ 20CAM)
- Bottom right: 2 N3 ϕ 10 C=190
- Bottom right: 51
- Bottom right: 170
- Bottom right: 20X50
- Bottom right: 20X60
- Bottom right: P5
- Bottom right: VB4
- Bottom right: 4 ϕ 16
- Bottom right: 2 ϕ 10
- Bottom right: N5 C/15 ϕ 6.3
- Bottom right: VB.8
- Bottom right: N6 C/20 25 ϕ 8
- Bottom right: 2x3 N7 ϕ 8 C=500
- Bottom right: 584
- Bottom right: (1 ϕ 20CAM)
- Bottom right: 2 N3 ϕ 10 C=190
- Bottom right: 51
- Bottom right: 170

Corte A Dimensions:

- Top: 20
- Left: 50
- Right: 14
- Bottom: 44

Corte B Dimensions:

- Top: 20
- Left: 60
- Right: 14
- Bottom: 54

Assembly Specifications:

- 8 N5 ϕ 6.3 C=130
- 25 N6 ϕ 8 C=151

8 N5 ϕ 6.3 C=130

25 N6 Ø 8 C=151

[illegible]

A diagram of a rectangular plate with a width of 20 and a height of 60. The plate is divided into a grid of 6 points, arranged in 2 rows and 3 columns. The points are represented by small circles.

21 N5 \emptyset 6.3 C=150

21 N6 ϕ 6.3 C=130

8 N7 ϕ 6.3 C=110

1031

2 N1 ϕ 12.5
C=1095

32

32

2 ϕ 12.5

2 ϕ 12.5

2 ϕ 12.5

2 ϕ 12.5

2 ϕ 12.5

2 ϕ 12.5

VB.5

VB.3

VB.2

N3 C/20
6 ϕ 6.3

N3 C/20
19 ϕ 6.3

N3 C/20
19 ϕ 6.3

N3 C/20
6 ϕ 6.3

1065

2 N2 ϕ 12.5
C=1065

17

6 N3 \varnothing 6.3 C=100 44 N3 \varnothing 6.3 C=100

44 N3 ϕ 6.3 C=100

| RESUMO AÇO CA 50-60 | | | |
|---------------------|-------------|--------------|--------------|
| AÇO | BIT (mm) | COMPR (m) | PESO (kg) |
| 50A | 6,3 | 553 | 135 |
| 50A | 8 | 95 | 37 |
| 50A | 10 | 17 | 11 |
| 50A | 12,5 | 300 | 289 |
| 50A | 16 | 152 | 243 |
| 50A | 20 | 28 | 70 |
| Peso Total | 50A = | | 785 kg |

1- DIMENSÕES EM CENTÍMETRO.
2- COBRIMENTO DAS ARMADURAS : VIGAS E LAJES=3,0 cm.

PREFEITURA DO MUNICÍPIO DE ITAPEVI
SECRETARIA DE INFRAESTRUTURA E SERVIÇOS URBANOS