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Technical drawing of a mechanical part, showing a side view and a cross-section A-A.

**Side View Dimensions:**

- Total length: 483
- Distance between hole centers: 216 ± 0.10
- Hole diameter: 20 N4 ± 0.10
- Chamfer: 30°
- Bottom flange width: 44
- Web thickness: 16
- Top flange thickness: 16

**Corte A-A Dimensions:**

- Top flange width: 44
- Web thickness: 16
- Total height: 100

**Material Specifications:**

- 2 N4 ± 0.10
- 20 N4 ± 0.10
- 20 N4 ± 0.10 C=150

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The drawing shows a reinforced concrete slab (V9) with the following details:

- Top View:**
  - Overall dimensions: 555 (width) x 795 (length).
  - Reinforcement: 3 N1 # 12.5 C=325 (top), 3 N3 # 20 C=990 (top), 2 N4 # 20 C=450 (2 # 20CAM) (top), 38 N10 # 10 C=125 N13 # 10 C=153 (bottom), 2 N8 # 20 C=525 (bottom), 3 N7 # 20 C=905 (bottom), 2 N5 # 12.5 C=684 (bottom).
  - Other dimensions: 275, 240, 209, 242 # 10, 36, 48, 175, 669, 875.
  - Notes: (costal) 795, (costal) 82.
- Side View:**
  - Thickness: 14.
  - Reinforcement: 4 N11 # 6.3 C=150, 26 N10 # 6 C=151, 38 N13 # 10 C=153.
- Corte A and Corte B:**
  - Dimensions: 3 # 12.5, -3 # 12.5, -242 # 10, -3 # 12.5.

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Technical drawing of a structural steel beam with various dimensions and annotations. The drawing includes a main elevation view and two cross-sections, Corte A and Corte B.

**Main Elevation View:**

- Overall length: 800 units.
- Dimensions from left end:
  - 2x1 N12  $\phi$  6.3 C=105 (at 20 units)
  - 3x1 N7  $\phi$  12.5 C=480 (at 480 units)
  - 2x1 N15  $\phi$  10 C=496 (at 672 units, labeled "castela" 472)
  - 2x3 N16  $\phi$  10 C=816 (at 792 units, labeled "castela" 792)
  - 2x3 N17  $\phi$  10 C=565 (at 800 units, labeled "castela")
- Dimensions from right end:
  - 5x1 N11  $\phi$  12.5 C=575 (at 80 units)
  - 2x3 N17  $\phi$  10 C=565 (at 130 units from right end)
- Internal dimensions and details:
  - 2x1 N12  $\phi$  6.3 C=105 (at 20 units)
  - 3x1 N7  $\phi$  12.5 C=480 (at 480 units)
  - 2x1 N15  $\phi$  10 C=496 (at 672 units)
  - 2x3 N16  $\phi$  10 C=816 (at 792 units)
  - 2x3 N17  $\phi$  10 C=565 (at 800 units)
  - 2x1 N12  $\phi$  6.3 C=105 (at 20 units)
  - 3x1 N7  $\phi$  12.5 C=480 (at 480 units)
  - 2x1 N15  $\phi$  10 C=496 (at 672 units)
  - 2x3 N16  $\phi$  10 C=816 (at 792 units)
  - 2x3 N17  $\phi$  10 C=565 (at 800 units)

**Corte A:**

- Section dimensions: 24 (height), 54 (width).
- Annotations: 4  $\phi$  20, 3x2  $\phi$  10, 3  $\phi$  12.5.
- Label: 48 N13  $\phi$  6.3 C=170.

**Corte B:**

- Section dimensions: 24 (height), 63 (width).
- Annotations: 5  $\phi$  20, 3x2  $\phi$  10, 3  $\phi$  12.5.
- Label: 42 N14  $\phi$  10 C=193.

Technical drawing of a reinforced concrete slab (V18) showing dimensions, reinforcement details, and cross-sections.

**Plan View Dimensions (meters):**

- Overall width: 3.35
- Overall length: 11.80 (5.18 + 6.62)
- Reinforcement spacing: 2.35, 4.25, 4.25, 3.10, 2.10
- Reinforcement details: 2 N10 Ø 25 C=890, 2 N10 Ø 25 C=555, 2 N10 Ø 25 C=495, 2 N10 Ø 25 C=561, 1 N5 Ø 16 C=580, 2 N4 Ø 16 C=650, 2 N6 Ø 25 C=935

**Cross-Section A (Corte A):**

- Width: 3.35
- Height: 1.40
- Reinforcement: 2 N10 Ø 25 C=890, 2 N10 Ø 25 C=555, 2 N10 Ø 25 C=495, 2 N10 Ø 25 C=561, 1 N5 Ø 16 C=580, 2 N4 Ø 16 C=650, 2 N6 Ø 25 C=935

**Cross-Section B (Corte B):**

- Width: 3.35
- Height: 1.40
- Reinforcement: 2 N10 Ø 25 C=890, 2 N10 Ø 25 C=555, 2 N10 Ø 25 C=495, 2 N10 Ø 25 C=561, 1 N5 Ø 16 C=580, 2 N4 Ø 16 C=650, 2 N6 Ø 25 C=935

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 დანიშნული  
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UGÊNIO,30 - BAIXO NOSSA SENHORA DA PENHA - VILA VELHA - ES

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