

Technical drawing of a reinforced concrete slab (L A) showing reinforcement details. The drawing includes a plan view and a cross-section view.

Reinforcement Details:

- 1 N54 ø16.0 C=239 (1c)
- 1 N53 ø16.0 C=235 (2c)
- 2 N58 ø16.0 C=976 (1c)
- 1c 1 N57 ø16.0 C=413
- 383
- 2c 1 N56 ø16.0 C=405
- 379
- 2 N55 ø16.0 c/20 C=300 (2c)
- 145
- 3 N8 ø8.0 c/20 C=308 (2ø2c+1ø3c)
- 725
- 2 N9 ø8.0 C=733 (2c)
- 728
- 1 N10 ø8.0 C=736 (1c)
- 898
- 3 N11 ø8.0 C=914 (1c)

Dimensions and Spacing:

- 20 x 40
- 20 x 40
- 20 x 40
- 110
- 117
- 9N1c/13
- 28 N1 c/17
- 10N1c/11
- 19 N1 c/8
- 180
- 750
- 35
- 110
- 148.2
- 148.2

Labels and Markers:

- P44
- P45
- L A
- Γ A
- V

Technical drawing of a reinforced concrete beam cross-section and longitudinal view.

Cross-section (Top):

- Top reinforcement: 2 N70 ø20.0 C=978 (1c)
- Bottom reinforcement: 1 N69 ø20.0 C=330 (1c)
- Central gap: 125
- Overall width: 898

Longitudinal view (Bottom):

- Top reinforcement: 1 N68 ø20.0 C=234 (1c)
- Bottom reinforcement: 1 N69 ø20.0 C=330 (1c)
- Central gap: 125
- Overall length: 898

Other dimensions and labels:

- Beam width: 898
- Beam height: 34
- Foundation level: P52, P53, P54
- Ground level: 0
- Beam centerline: L A
- Beam end offset: 182
- Beam end offset: 185
- Beam end offset: 155
- Beam end offset: 750
- Beam end offset: 728
- Beam end offset: 117
- Beam end offset: 9N1c/13
- Beam end offset: 20 x 40
- Beam end offset: 453.8
- Beam end offset: 27 N1 c/17
- Beam end offset: 10N1c/12
- Beam end offset: 9 N1 c/17
- Beam end offset: 148.2
- Beam end offset: 148.2
- Beam end offset: 7.5
- Beam end offset: 3 N48 ø8.0 C=183 (1c)
- Beam end offset: 10

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Technical drawing of a reinforced concrete beam cross-section and elevation.

Cross-section (Top):

- Width: 812
- Height: 53
- Top reinforcement: 2 N60 ϕ 16.0 C=892 (1c)
- Bottom reinforcement: 2 N55 ϕ 16.0 C=300 (1 ϕ 1c+1 ϕ 2c)
- Dimensions: 195, 182

Elevation (Bottom):

- Length: 812
- Height: 410
- Top reinforcement: 2 N60 ϕ 16.0 C=892 (1c)
- Bottom reinforcement: 2 N55 ϕ 12.5 C=657 (1c)
- Dimensions: 73, 155, 148, 148, 605, 605, 645, 30, 15
- Labels: V48, P46, P47, A, A

Technical drawing of a reinforced concrete beam cross-section and elevation. The drawing shows a beam with a total length of 645 units. Key dimensions include a top flange width of 195 units, a bottom flange width of 36 units, and a total height of 44 units. Reinforcement details include 2 N66 ø16.0 C=883 (1c) at the top, 2 N55 ø16.0 c/20 C=300 (1e1c+1e2c) at the bottom, and 3 N13 ø8.0 C=163 (1c) at the bottom. The beam is supported by V48 and P51. The drawing is labeled "SEÇÃO ESC" and "1".

Technical drawing of a reinforced concrete beam (V6) showing longitudinal and cross-sectional views.

Longitudinal View:

- Reinforcement bars: 2 N27 ø8.0 C=772 (1c), 1 N26 ø8.0 C=135 (1c), 1 N25 ø8.0 C=91 (1c), 1 N222 ø8.0 C=225 (1c), 1 N23 ø8.0 C=220 (1c), 2 N24 ø8.0 C=734 (1c).
- Dimensions: 734, 70, 72, 750, 370, 20 x 40, 340, 20 N1 c/17, 370, 20 x 40, 340, 20 N1 c/17, 65, 75.

Cross-Section (SEÇÃO A-A):

- Dimensions: 40, 20, 34, 14.
- Reinforcement bars: 40 N1 ø5.0 C=107.

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