

Technical drawing of a bridge deck cross-section showing reinforcement details. The drawing includes a top reinforcement bar (2N2ø8 C=1120), a bottom reinforcement bar (2N1ø10 C=1105), and a central reinforcement bar (2N3ø8 C=1115). The deck is divided into six panels by vertical reinforcement bars (V-101 to V-106). The panels are labeled with their respective lengths: 365, 358, 357, 358, 352, and 370. The reinforcement bars are labeled with their respective diameters and spacing: 19x1N4ø5c/18, 19x1N4ø5c/18, 19x1N4ø5c/18, 19x1N4ø5c/18, 19x1N4ø5c/18, and 19x1N4ø5c/18. The drawing also shows the location of the reinforcement bars relative to the deck edges and the centerline.

Technical drawing of a reinforced concrete beam (V-114 and V-115) showing top and side views. The top view shows a beam with a central cross-section (V-114) and two side sections (V-115). The beam is supported by columns (P12, P8, P1) and has a total length of 7.49m (2N5ø10 C=749). The side view shows a beam with a height of 40cm and a width of 15cm. The beam is reinforced with 2N5ø10 bars and 38N7ø5 stirrups. The drawing is labeled "Corte A Escala 1:20".

Technical drawing of a reinforced concrete beam (V-116 and V-117) showing a plan view and a cross-section (Corte A).

Plan View:

- Beam length: 7.49m (2N9ø10 C=749).
- Reinforcement: 19x1N10ø5c/18.
- Dimensions: 2.5m, 3.28m, 2.7m.

Corte A (Cross-section):

- Width: 380mm (38N10ø5 C=100).
- Height: 400mm.
- Top flange: 15mm.
- Bottom flange: 10mm.

Scale: 1:2.

Technical drawing of a reinforced concrete beam (V-118) showing top and side views.

Top View:

- Overall width: 730
- Overall height: 400
- Reinforcement: 2N12ø10 C=785 (top), 2N11ø10 C=755 (bottom)
- Stirrups: 39xN13ø5 C=100
- Labels: V-118, 15x40

Side View:

- Overall width: 150
- Overall height: 400

Section Labels:

- Corte A
- Escala 1:20

Technical drawing of a reinforced concrete beam (V-119 and V-120) showing longitudinal and cross-sectional views.

Longitudinal View:

- Top reinforcement: PT6 (365), P10 (2N15#10 C=749), P5 (365).
- Bottom reinforcement: V-119 (15x40, 2N16#5 C=185), V-120 (15x40, 2N17#5 C=180).
- Dimensions: 88, 75, 25, 327, 1313, 328, 25.
- Reinforcement details: 19xN18#5c/18, 2N14#10 C=749, 38N18#5 C=100.

Cross-Section (Corte A):

- Dimensions: 40 (height), 15 (width), 10 (width of bottom reinforcement).
- Reinforcement: 38N18#5 C=100.

Labels:

- Corte A
- Escala 1:20

Technical drawing of a reinforced concrete beam (V-121) showing longitudinal and cross-sectional views.

Longitudinal View (Top):

- Beam length: 749 cm (365 cm + 365 cm).
- Reinforcement: 2N2ø10 (top), 19x1N3ø5c/18 (bottom).
- Supports: P18, P11, P7.
- Dimensions: 365, 365, 749, 365, 365.

Cross-section View (Bottom):

- Beam width: 38 cm.
- Beam height: 40 cm.
- Reinforcement: 2N1ø10 (top), 19x1N3ø5c/18 (bottom).
- Dimensions: 38, 40, 38, 10, 15.

Labels:

- Corte A
- Escala 1:20

Technical drawing of a reinforced concrete beam (V-107) showing top, front, and cross-section views.

Top View: Shows a beam with a width of 730 mm and a length of 700 mm. Reinforcement bars are 2N11010 C=749. The beam is labeled V-107 and 15x40.

Front View: Shows a beam with a height of 400 mm and a width of 150 mm. Reinforcement bars are 39N12105 C=100.

Cross-section View: Shows a beam with a width of 150 mm and a height of 400 mm. Reinforcement bars are 39N12105 C=100.

02/03