

Technical drawing of a bridge deck cross-section showing reinforcement details. The drawing includes a top view of the deck with reinforcement bars (2N18#10, 2N18#12.5, 2N18#8, 2N18#10, 2N18#12.5, 2N18#8, 2N18#10, 2N18#12.5, 2N18#8, 2N18#10, 2N18#12.5, 2N18#8) and a side view showing the deck profile and reinforcement bars (2N18#10, 2N18#12.5, 2N18#8, 2N18#10, 2N18#12.5, 2N18#8, 2N18#10, 2N18#12.5, 2N18#8, 2N18#10, 2N18#12.5, 2N18#8). The drawing also shows the location of the bridge piers (P30, P31, P32, P6) and the bridge abutments (V-1001, V-1002, V-1003, V-1004). The drawing is labeled 'Corte A' and 'Escala 1:20'.

Technical drawing of a reinforced concrete slab (V-1013) showing dimensions, reinforcement details, and a cross-section view.

Reinforcement Details:

- Top reinforcement: 2N50#8 C=70
- Bottom reinforcement: 2N49#8 C=255
- Bottom reinforcement: 1N48#8 C=190
- Bottom reinforcement: 2N47#8 C=255
- Bottom reinforcement: 12x1N51#5s/c/18

Dimensions:

- Overall width: 240
- Overall height: 200
- Slab thickness: 15
- Clear width: 200
- Clear height: 185

Section View (Corte A-A):

Scale: 1:20

Technical drawing of a reinforced concrete beam (V-1018) showing its cross-section and longitudinal view. The cross-section is rectangular with dimensions 15x40 cm. The longitudinal view shows the beam's length of 11.15 m and the placement of reinforcement bars. The reinforcement includes 1N62#8 bars at the top and bottom, 1N60#10 bars at the bottom, and 60N16#45/18 bars at the bottom. The beam is supported by a wall on the left and a column on the right. The drawing is labeled 'Corte A' and 'Escala 1:20'.

Technical drawing of a staircase section (Corte A) at a scale of 1:20. The drawing shows a staircase with two flights, each 1.50m wide. The total width is 3.00m. The flights are separated by a landing area. The stairs have a total height of 2.15m and a total length of 2.15m. The drawing includes dimensions for the flights (1.50m x 1.50m), the landing (1.50m x 1.50m), and the total dimensions (3.00m x 2.15m). The drawing also shows the staircase structure with steps and a handrail. The drawing is labeled 'Corte A' and 'Escala 1:20'.

Technical drawing of a reinforced concrete slab (V-1007) showing plan and section views. The plan view shows a rectangular slab with dimensions 240x240 cm. It includes reinforcement details: 2N2#6@C=70 top bars, 2N2#6@C=255 bottom bars, and 1N2#4@C=190 bottom bars. A central section line A-A is indicated. The section view shows a slab thickness of 20 cm with reinforcement bars (1N2#4@C=190) and a central void (V-1007 20x40). The drawing is labeled "Corte A" and "Escala 1:20".

[illegible]

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

Plan View Dimensions:

- Overall width: 277
- Overall length: 271
- Reinforcement spacing: 2N12398 C=291
- Reinforcement spacing: 2N12498 C=291
- Reinforcement spacing: 1N12298 C=271
- Reinforcement spacing: 2N12198 C=291
- Reinforcement spacing: 1x4N12565/C18

Cross-Section View (Corte A):

- Width: 20
- Height: 40
- Reinforcement: 4N12565 C=110

Other Details:

- Reinforcement: 2N12398 C=291
- Reinforcement: 2N12498 C=291
- Reinforcement: 1N12298 C=271
- Reinforcement: 2N12198 C=291
- Reinforcement: 1x4N12565/C18
- Reinforcement: 4N12565 C=110

The technical drawing illustrates a staircase with the following specifications:

- Plan View (Top):** Shows a rectangular layout with overall dimensions of 598 units by 2045 units. The width is divided into three sections: 34 units (V 34), 508 units, and 39 units (V 39). The length is divided into two main sections: 2N45x65 C=572 and 1N44x16 C=385. A central landing area is labeled "V-1012 15x40".
- Elevation View (Bottom):** Shows the vertical profile of the staircase. It includes a section labeled "Corte A Escala 1:20". The total height is 32N46x5 C=100. The staircase has a run of 35 units and a rise of 15 units per step. The total length of the flight is 1N44x16 C=385.
- Details:** The drawing includes various annotations such as "2N45x65 C=572", "1N44x16 C=385", "30x1N44x55/18", and "503". It also shows structural elements like walls and doors.

[illegible][illegible]

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

Cross-section (Top):

- Overall width: 500
- Top flange width: 25568 C=140
- Web width: 200
- Bottom flange width: 25568 C=110
- Overall height: 500

Elevation (Bottom):

- Overall length: 10100
- Column width: 290
- Column height: 1508 C=18
- Beam height: 500
- Reinforcement bars: V-T014 (20x40), H-T015 (20x40)

Details:

- Section line: A-A
- Scale: Escala 1:20
- Section title: Corte A

Technical drawing of a staircase section (Corte A) at a scale of 1:20. The drawing shows a cross-section of a staircase with a central landing. Key dimensions include a total width of 2.4m, a central landing width of 2.0m, and a total depth of 2.33m. The staircase is supported by a central beam (V=1051, 20x40) and side beams (2N1198B, C=288). The drawing also shows the profile of the staircase treads and risers, with a height of 0.15m and a width of 0.20m. The drawing is labeled 'Corte A' and 'Escala 1:20'.

[illegible]

PLANTA DE REFERÊNCIA: PRANCHA 03/64



V10, V11, V32

VIGAS COM CASO DE BARRAS FLUTUANTES:

V10, V11, V32