

ESC 150

2 N16 ø10.0 C=318

2 N15 ø10.0 C=238

4 N17 ø10.0 C=168

2 N3 ø6.3 C=280

2x8 N2 ø6.3 C=715 (PELE)

1ø2cam

158

1ø2cam

112

A

1510

P7

L A

P8

P9

60

270

15 x 140

60

290

15 x 140

40

620

32 N1 ø20

1ø2cam

145

1 N13 ø10.0 C=465

3 N14 ø10.0 C=715

140

15

135

10

32 N1 ø6.3 C=30

Technical drawing of a rectangular plate. The top view shows a rectangle with a length of 140 and a width of 15. The side view shows a rectangle with a height of 135 and a width of 10. The drawing is labeled with dimensions 140, 15, 135, and 10.

Technical drawing of an I-beam profile, showing front and side views with dimensions in millimeters (mm).

Front View (Top):

- Overall height: 410 mm
- Overall width: 200 mm
- Web thickness: 11.0 mm
- Flange thickness: 14.0 mm
- Distance from top flange to first hole center: 75 mm
- Distance between first and second hole centers: 75 mm
- Distance between second and third hole centers: 75 mm
- Distance from third hole center to bottom flange: 75 mm

Side View (Bottom):

- Overall height: 225 mm
- Overall width: 200 mm
- Web thickness: 11.0 mm
- Flange thickness: 14.0 mm
- Distance from top flange to first hole center: 75 mm
- Distance between first and second hole centers: 75 mm
- Distance from second hole center to bottom flange: 75 mm

ESC 1:50

4 N26 ø16.0 C=516

445

2x22 N5 ø6.3 C=445 (PELE)

SECÃO A-A

ESC 1:50

350

150

18

P9

G415

L A

P10

40

350

15 x 350

60

9

18 N4 C/20

350

2ø22cm

445

4 N25 ø16.0 C=460

345

10

18 N4 ø6.3 C=72

Technical drawing of a vertical rectangular plate. The drawing shows a front view with a height dimension of 350 and a width dimension of 15. A side view is shown to the right with a height dimension of 345 and a width dimension of 10. The drawing is labeled with '18 N4 ø6.3 C=72' at the bottom left.

ESC 1:50

2 N19 ϕ 10.0 C=247

227

22

2 N24 ϕ 12.5 C=223

1510

P10

L_A

V409

50

384.2

15 x 40

363.7

19 N6 C/20

2 N18 ϕ 10.0 C=429

19 N6 ϕ 6.3 C=102

SEÇÃO A-A

ESC 1:25

40

15

35

10

Technical drawing of a rectangular plate. The top view shows a rectangle with dimensions 40 (height) and 15 (width). The front view shows a rectangle with dimensions 35 (height) and 10 (width). The plate is labeled with '9 N6 ø6.3 C=102'.

SECÃO A-A
ESC 1:50

4 N37 ø16.0 C=396

2x22 N9 ø6.3 C=295 (PEL)

1510

350

20

249.9

15 x 350

249.9

13 N4 c/20

2e2cam

3 N10 ø6.3 C=113

54

9

19

285

4 N36 ø16.0 C=316

10

15

345

13 N4 ø6.3 C=72

Technical drawing of a vertical rectangular plate. The drawing shows two views: a front view and a side view. The front view is a rectangle with a height of 350 and a width of 15. The side view is a rectangle with a height of 345 and a width of 10. The dimensions are labeled with arrows and numbers.

RESUMO DO AÇO			
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	2715.4	730.9
	10.0	87.4	59.3
	12.5	4.5	4.7
	16.0	297.4	516.3
PESO TOTAL (kg)			
CA50	1311.2		

Volume de concreto (C-25) = 18.97 m³
 Área de forma = 259.80 m²

Technical drawing of a building facade section showing a wall with a large window and a door. The drawing includes dimensions for the wall, window, and door, as well as material specifications and structural details.

Dimensions and Materials:

- Top wall: 2 N34 ø16.0 C=1068, 1013, 2 N32 ø16.0 C=1196, 950, 2 N35 ø16.0 C=1005, 2 N33 ø16.0 C=876, 821, 2ø2cam, 1141, 2ø2cam, 12ø2cam, 2ø2cam, 2x22 N7 ø6.3 C=1200 (PELE), 48, 2x22 N8 ø6.3 C=703, 1510.
- Window: 1510, 60, 349.8, 15 x 350, 349.8, 18 N4 c/20, 2ø2cam, 40, 299.7, 15 x 350, 299.7, 15 N4 c/20, 2ø2cam, 40, 290, 15 x 350, 290, 15 N4 c/20, 2ø2cam, 60, 340, 15 x 350, 60, 660.7, 34 N4 c/20, 2ø2cam, 260.8, 15 x 350, 60.
- Door: 60, P11, 40, P12, 40, P13, L A, 60, P14, 60, P15, 60, P16.
- Bottom wall: 1 N27 ø16.0 C=1200, 107, 1 N28 ø16.0 C=625, 107, 2 N27 ø16.0 C=1200, 2 N29 ø16.0 C=762, 1 N30 ø16.0 C=1072, 1 N31 ø16.0 C=891.

Technical drawing of a rectangular plate. The drawing shows two views: a top view and a side view. The top view is a rectangle with a length of 345 and a width of 10. The side view is a rectangle with a height of 15. The dimensions are labeled with numbers and arrows indicating the measurement direction.

2620mm

283

7

2x22 N11 ø6.3 C=293 (PE) 59

283

1510

A

4 N38 ø16.0 C=80

P13

L A

P8

15

252.5

20

15 x 350

267.5

14 N4 c/20

54

9

2620mm

5 N10 ø6.3 C=113

59

283

4 N38 ø16.0 C=354

19

350

5

345

10

14 N4 ø6.3 C=722

SEÇÃO A-A

ESC 1:50

Technical drawing of a rectangular plate. The drawing shows two views: a top view and a side view. The top view is a rectangle with a length of 350 and a width of 15. The side view is a rectangle with a height of 345 and a width of 10. The drawing is labeled with dimensions 350, 15, and 345.

ESC 1:50

2 N21 ø10.0 C=312

283

22

1510

P14

P9

20

252.5

15

15 × 40

252.5

13 N6 c/20

2 N20 ø10.0 C=283

ESC 1:25

40

15

35

10

13 N6 ø6.3 C=102

Technical drawing of a rectangular plate. The top view shows a rectangle with overall dimensions 40 (height) and 15 (width). The bottom view shows a rectangle with overall dimensions 35 (height) and 10 (width). Both views show a central rectangular hole with a crosshair symbol in the center.

[illegible]

Technical drawing of a door assembly showing side and top views with dimensions and labels.

Side View (Left):

- Overall width: 2 N23 ± 10.0 C=478
- Top edge: 29
- Bottom edge: 29
- Internal width: 425
- Internal height: 1510
- Internal width segments: 374.6, 20 x 40, 390
- Internal width segments: 20 N12 c/20
- Internal width segments: 2 N22 ± 10.0 C=425
- Labels: P16, L_A, V403, P6

Top View (Right):

- Overall width: 20
- Overall height: 40
- Internal width: 15
- Internal height: 35
- Labels: 20 N12 ± 6.3 C=112

Technical drawing of a rectangular plate. The top view shows a rectangle with dimensions 40 (height) and 20 (width). The side view shows a rectangle with dimensions 15 (width) and 35 (height). The plate is labeled with '0 N12 ø6.3 C=1'.


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