



Technical drawing of a rectangular plate with two circular holes. The drawing includes a top view and a side view.

Top View Dimensions:

- Total width: 190
- Total height: 145
- Hole diameter: 60
- Distance between hole centers: 170
- Offset from side to hole center: 29
- Offset from top/bottom to hole center: 70
- Plate thickness: 10

Side View Dimensions:

- Height: 70
- Thickness: 10

Material and Heat Treatment Specifications:

2 N8 a5.0 c710 C=234

Additional Dimensions:

- Distance from bottom edge to hole center: 181
- Distance from top edge to hole center: 61

Technical drawing of a 100mm high profile. The drawing shows a cross-section of a profile with a total height of 100mm. The top flange has a height of 110mm and a width of 85mm. The main body of the profile has a height of 85mm. The bottom flange has a height of 70mm and a width of 86mm. The profile is labeled with 'VAR' at the top, '16 N3 #5.0 C12 C=VAR' and '16' on the sides, and '0' and '70' on the right side. The bottom flange is labeled 'N3', 'N4', 'N34', and 'CA'. The bottom flange is also labeled with '86' and '100'.

VAR

0' 16 N4 45.0 0'14 C+VAR 06

N4

N3

N34

N34

The image displays three architectural drawings of a building facade, labeled ESC 1:20, ESC 1:20, and ESC 1:20.

Top Left Drawing (Section): A cross-section of the facade. It shows a rectangular structure with a width of 40 and a height of 50. The section is labeled "SEÇÃO ESC 1:20". Below the section, there is a label "VISTA B" and a dimension line indicating a width of 40. To the right of the section, there is a label "VISTA A" and a dimension line indicating a height of 50. The section is divided into two main parts: a lower part with a height of 34 and an upper part with a height of 16. The lower part is labeled "11 N12 a5.0 C=167" and "2x11 N11 a5.0 C=40". The upper part is labeled "34".

Top Right Drawing (Elevation): A side elevation of the facade. It shows a rectangular structure with a width of 40 and a height of 50. The elevation is labeled "ESC 1:20". Below the elevation, there is a label "VISTA B" and a dimension line indicating a width of 40. To the right of the elevation, there is a label "VISTA A" and a dimension line indicating a height of 50. The elevation is divided into two main parts: a lower part with a height of 34 and an upper part with a height of 16. The lower part is labeled "11 N12 a5.0 C=167" and "2x11 N11 a5.0 C=40". The upper part is labeled "34".

Bottom Left Drawing (Elevation): A front elevation of the facade. It shows a rectangular structure with a width of 40 and a height of 50. The elevation is labeled "ESC 1:20". Below the elevation, there is a label "VISTA B" and a dimension line indicating a width of 40. To the right of the elevation, there is a label "VISTA A" and a dimension line indicating a height of 50. The elevation is divided into two main parts: a lower part with a height of 34 and an upper part with a height of 16. The lower part is labeled "11 N12 a5.0 C=167" and "2x11 N11 a5.0 C=40". The upper part is labeled "34".

Bottom Right Drawing (Elevation): A side elevation of the facade. It shows a rectangular structure with a width of 40 and a height of 50. The elevation is labeled "ESC 1:20". Below the elevation, there is a label "VISTA B" and a dimension line indicating a width of 40. To the right of the elevation, there is a label "VISTA A" and a dimension line indicating a height of 50. The elevation is divided into two main parts: a lower part with a height of 34 and an upper part with a height of 16. The lower part is labeled "11 N12 a5.0 C=167" and "2x11 N11 a5.0 C=40". The upper part is labeled "34".

Technical drawing of a rectangular plate with two circular holes. The drawing includes top and side views with the following dimensions and specifications:

- Overall width: 230
- Overall height: 80
- Hole diameter: 75
- Distance between hole centers: 119
- Distance from edge to hole center: 59.5
- Material: N5
- Surface treatment: eS 0.0 C=274

[illegible]

Technical drawing of a building facade showing two views: Vista A and Vista B.

Vista A (Left): A side elevation showing a wall with a window and a door. The window is labeled "VISTA A" and has a height of 145. The door is labeled "N15" and has a width of 24. The wall is labeled "8 N16 a5.0 C-167". The overall height of the wall is 60. The overall width is 30. The drawing includes dimensions and material specifications.

Vista B (Right): A front elevation showing a wall with a window and a door. The window is labeled "VISTA B" and has a height of 145. The door is labeled "N15" and has a width of 24. The wall is labeled "8 N16 a5.0 C-167". The overall height of the wall is 60. The overall width is 30. The drawing includes dimensions and material specifications.

Dimensions and Material Specifications:

- Overall height: 60
- Overall width: 30
- Window height: 145
- Door width: 24
- Wall material: 8 N16 a5.0 C-167
- Window material: 6 N33 a16 C-205
- Door material: 8 N16 a5.0 C-167

TERREO - L1

SEÇÃO
ESC 1:20

25

50

VISTA B

19

44

N13

19 N14 ø9.0 C=137
2x19 N13 ø5.0 C=314

0

1

130

20

122

4 N28 ø10.0 C=160

30

2 N28 ø10.0 C=60

30

20

126

4 N28 ø10.0 C=174

130

L2

Technical drawing of a window frame assembly showing cross-sections and dimensions. The drawing includes a top view and two side cross-sections.

Top View Dimensions:

- Overall width: 30
- Overall height: 40
- Inner width: 24
- Inner height: 34
- Distance from top edge to inner top edge: 2
- Distance from left edge to inner left edge: 2
- Distance from right edge to inner right edge: 2
- Distance from bottom edge to inner bottom edge: 2

Labels:

- SEC40
- ESC 120
- VISTA H
- VISTA B
- 9 N17 ø5.0 C=127

Side Cross-Section Dimensions:

- Overall height: 130
- Inner height: 126
- Distance from top edge to inner top edge: 2
- Distance from bottom edge to inner bottom edge: 2

Labels:

- 4 N32 ø12.5 C=161
- 9 N17 ø5.0

RELACAO DO ACO							
B15	B16	B17		B17		B17	B17
		P28	P28	P15	P15		
B15	B16	P28	P28	P15	P15	B17	B17
P20	P20	P20	P20	P20	P20	P20	P20
ACO	N	DIAM	LONG	QUANT	UNID	TOTAL	TOTAL
CA60	1	5.0	17	1	1	17	17
	2	5.0	16	1	1	16	16
	3	5.0	16	1	1	16	16
	4	5.0	16	1	1	16	16
	5	5.0	16	1	1	16	16
	6	5.0	16	1	1	16	16
	7	5.0	10	21	1	21	210
	8	5.0	10	21	1	21	210
	9	5.0	10	21	1	21	210
	10	5.0	10	21	1	21	210
CA60	11	5.0	10	21	1	21	210
	12	5.0	10	21	1	21	210
	13	5.0	10	21	1	21	210
	14	5.0	10	21	1	21	210
	15	5.0	10	21	1	21	210
	16	5.0	10	21	1	21	210
	17	5.0	10	21	1	21	210
	18	5.0	10	21	1	21	210
	19	5.0	10	21	1	21	210
	20	5.0	10	21	1	21	210
CA60	21	5.0	10	21	1	21	210
	22	5.0	10	21	1	21	210
	23	5.0	10	21	1	21	210
	24	5.0	10	21	1	21	210
	25	5.0	10	21	1	21	210
	26	5.0	10	21	1	21	210
	27	5.0	10	21	1	21	210
	28	5.0	10	21	1	21	210
	29	5.0	10	21	1	21	210
	30	5.0	10	21	1	21	210
CA60	31	5.0	10	21	1	21	210
	32	5.0	10	21	1	21	210
	33	5.0	10	21	1	21	210
	34	5.0	10	21	1	21	210
	35	5.0	10	21	1	21	210
	36	5.0	10	21	1	21	210
	37	5.0	10	21	1	21	210
	38	5.0	10	21	1	21	210
	39	5.0	10	21	1	21	210
	40	5.0	10	21	1	21	210
CA60	41	5.0	10	21	1	21	210
	42	5.0	10	21	1	21	210
	43	5.0	10	21	1	21	210
	44	5.0	10	21	1	21	210
	45	5.0	10	21	1	21	210
	46	5.0	10	21	1	21	210
	47	5.0	10	21	1	21	210
	48	5.0	10	21	1	21	210
	49	5.0	10	21	1	21	210
	50	5.0	10	21	1	21	210
CA60	51	5.0	10	21	1	21	210
	52	5.0	10	21	1	21	210
	53	5.0	10	21	1	21	210
	54	5.0	10	21	1	21	210
	55	5.0	10	21	1	21	210
	56	5.0	10	21	1	21	210
	57	5.0	10	21	1	21	210
	58	5.0	10				

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 0% (Barras)	PESO + 0% (kg)
CA50	6,3	42,5	4	10,4
	8,0	109,2	10	43,1
	10,0	113,7	10	70,1
	12,5	34,2	3	32,9
	16,0	12,3	2	19,4
	20,0	145,8	13	359,5
CA60	5,0	442,8	37	68,2

**PESO TOTAL
(kg)**

 CA50 535,4
 CA60 68,2

VOLUME de concreto (C-35) = 10,99 m³

ÁREA de concreto = 39,50 m²