

SEÇÃO A-A

3 N34 ø20,0 - 588
554
172,5
2 N10 ø12,5 - 404
372
2 N33 ø20,0 c/20 - 350 (2ªcamada)
170
+401.33
2a2ªcamada
VA8
VA6
1ª2ªcamada
PA11
PA5
15 N1 c/15
120
8 N3 c/15
110
22 N3 c/5
31 N1 c/12,5
3 N6 ø10,0 - 166 (horizontal)
80
2 N11 ø12,5 - 224
55
19
55
2 N11 ø12,5 - 224
55
19
55
1 N29 ø16,0 - 566 (2ªcamada)
530
2 N9 ø12,5 - 429
392
3 N29 ø16,0 - 566
530

SEÇÃO B-B

50
19
45
14
30 N3 ø8,0 - 130
46 N1 ø6,3 - 130

Technical drawing of a rectangular plate. The main drawing shows a plate with a width of 451 and a height of 40. The top edge is labeled "2 N2 ø6.3 - 451". The bottom edge is labeled "2 N17 ø12.5 - 525". The left edge is labeled "VA3" and the right edge is labeled "VA1". The top surface is labeled "VA2". The drawing includes a section line "Γ A" and a dimension "401.33" indicating the distance from the left edge to the section line. To the right of the main drawing, there are two cross-sectional views. The top cross-section shows a plate with a height of 50 and a width of 19. The bottom cross-section shows a plate with a height of 45 and a width of 14. Both cross-sections are labeled "2 N1 ø6.3 - 130".

SEÇÃO A-A

50

19

45

14

77 N1 ø6.3 - 130

35

35

13

40

40

40

35

340

240

408

1ø2"camada

VA3

VA2

1ø2"camada

21 N1 c/20

21 N1 c/20

35 N1 c/20

3 N4 ø8.0 - 168 (horizontal)

80

734

734

734

2 N20 ø12.5 - 370

338

3 N32 ø16.0 - 925

1 N31 ø16.0 - 480 (2"camada)

2 N21 ø12.5 - 440

3 N18 ø12.5 - 505

468

2 N19 ø12.5 - 460

1 N30 ø16.0 - 770 (2"camada)

3 N30 ø16.0 - 770

P203

PA12

PA6

PA2

LA

Technical drawing of a reinforced concrete slab cross-section (SEÇÃO A-A). The drawing shows the slab profile with reinforcement bars (N5, N8) and dimensions. Key dimensions include a total width of 182, a central width of 9 N1 C/20, and a total height of 50. Reinforcement details include 2 N5 ø8.0 - 210, 2 N8 ø10.0 - 220, and 9 N1 ø6.3 - 130. The drawing also shows the slab's position relative to the ground level (VA19) and the slab's thickness (VA16).

Top View Details:

- Top Left: 2 N25 ϕ 12.5 - 1082
- Top Center: 1 N24 ϕ 12.5 - 300
- Top Right: 2 N26 ϕ 12.5 - 681
- Right Edge: 1 N27 ϕ 12.5 - 175
- Left Edge: +401.33
- Internal Labels: VA11, VA13, VA21
- Bottom Left: 18 N1 c/20
- Bottom Center: 19 N1 c/20
- Bottom Right: 42 N1 c/20
- Bottom Left Edge: 2 N22 ϕ 12.5 - 837
- Bottom Center: 2 N28 ϕ 12.5 - 690
- Bottom Right Edge: 2 N23 ϕ 12.5 - 917

Dimensions and Elevation:

- Overall Length: 800
- Overall Width: 40
- Internal Width: 140
- Section A-A: 50 (height), 19 (width), 45 (width), 14 (width)
- Reinforcement Spacing: 800, 653, 880

Section A-A:

Technical drawing of a reinforced concrete slab (LA) showing reinforcement details. The drawing includes top and bottom views of the slab, with reinforcement bars labeled with their size, spacing, and length. Key dimensions and elevations are provided, along with a cross-section A-A.

Relação do aço					
VA15 VA18		VA16 VA19		VA17 VA21	
AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA50	1	6,3	268	130	34840
	2	6,3	2	451	902
	3	8,0	30	130	3900
	4	8,0	6	168	1008
	5	8,0	4	166	840
	6	10,0	3	210	498
	7	10,0	2	265	530
	8	10,0	4	220	880
	9	12,5	2	429	858
	10	12,5	2	404	808
	11	12,5	4	224	896
	12	12,5	2	329	658
	13	12,5	3	495	1485
	14	12,5	2	335	670
	15	12,5	2	565	1130
	16	12,5	1	415	415
	17	12,5	2	525	1050
	18	12,5	3	505	1515
	19	12,5	2	460	920
	20	12,5	2	370	740
	21	12,5	2	440	880
	22	12,5	2	837	1674
	23	12,5	2	917	1834
	24	12,5	3	300	300
	25	12,5	2	1082	2164
	26	12,5	2	681	1362
	27	12,5	1	175	175
	28	12,5	2	690	1380
	29	16,0	4	566	2264
	30	16,0	4	770	3080
	31	16,0	1	480	480
	32	16,0	3	925	2775
	33	20,0	2	350	700
	34	20,0	3	588	1764

AÇO	DIAM	C.TOTAL (m)	PESO (kg)
CA50	6.3	357.5	87.5
	8.0	57.5	22.7
	10.0	19.1	11.8
	12.5	209.2	201.5
	16.0	86	135.7
	20.0	24.7	60.8
PESO TOTAL (kg)		Vol. de concreto total = 5.28 m³ Área de forma total = 66.16 m²	
CA50	519.9		

O0	09/02/11	Emissão inicial.
REVISÃO	DATA	MODIFICAÇÕES