

Technical drawing of a reinforced concrete slab (P17) showing top and side views with dimensions and reinforcement details.

Top View:

- Overall width: 428
- Overall length: 33
- Reinforcement: 2 N1 Ø 16, C=490
- Section line A-A is indicated.

Side View:

- Overall height: 34
- Reinforcement: 2 Ø 16
- Section line A-A is indicated.

Bottom View:

- Overall width: 410
- Overall length: 30
- Reinforcement: 2 N2 Ø 12.5, C=470
- Section line A-A is indicated.

Detail View (Corte):

- Section line A-A is indicated.
- Reinforcement: 2 N3 Ø 5

Technical drawing of a rectangular plate. The plate has a width of 16 and a height of 12.5. There are two holes, each with a diameter of 16, located on the top edge. The distance between the centers of the holes is 13. The drawing shows the plate with the holes and the dimensions.

[illegible]

69

Technical drawing of a mechanical assembly, likely a pump or motor housing, showing a side view with dimensions and part numbers.

Top Section:

- Overall length: 663
- Part 3: N1 Ø 16, C=773
- Part 2: N2 Ø 16, C=490
- Feature: (2 Ø 2aCAM)

Bottom Section:

- Part 12: Ø 5, C=17.5, N5 (199)
- Part 9: Ø 6.3, C/15, N6 (127)
- Part 11: Ø 6.3, C/25, N6 (255)
- Feature: PT3
- Part 3 Ø 16
- Feature: 2x5 Ø 6.3
- Part 1 Ø 6.3
- Part 3 Ø 508
- Part 3 Ø 16

Other Dimensions and Features:

- 19/75
- 19/60
- P28
- P20
- (costeila)
- 2x5
- Part 1: N4 Ø 6.3, C=86
- Overall length: 662
- Part 3: N3 Ø 16, C=742

Technical drawing of a reinforced concrete column cross-section. The column is rectangular with dimensions 300 mm by 300 mm. It shows 16 reinforcement bars: 3 bars at the top, 2 bars at the bottom, and 5 bars on each of the two vertical sides. The bars are labeled with their diameter: 3 Ø 16, 2 Ø 16, 5x2 Ø 6.3, and 3 Ø 16.

V506 12 N5 Ø 5 C=179

[illegible]

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PREFEITURA DE SÃO PAULO - SECRETARIA DE INFRA-ESTRUTURA URBANA E OBRAS - DEPARTAMENTO DE EDIFICAÇÕES

UNIDADE:	
VÁRIOS - SP	000.00 IMOS
ENDEREÇO:	16.43.77

DETALHE ARMADURA DAS VIGAS V500

DETALHE ARMAÇÃO DAS VIGAS - V300

16.43.776.SE	024.S.19
ESCALA:	

1:50	
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	AÇO	POS	BIT (mm)	QUANT	COMPRIIMENTO	
					UNIT (cm)	TOTAL (cm)
V509	50A	1	12,5	3	282	876
	50A	2	20	2	736	1472
	50A	3	20,3	1	503	503
	50A	4	16	3	678	2034
	50A	5	12,5	3	513	1539
	50A	6	16	2	1015	2030
	50A	7	16	2	857	1714
	50A	8	6,3	2	95	190
	50A	9	6,3	74	202	14948
	50A	10	6,3	16	405	6480
V511	50A	11	6,3	16	932	14912
	50A	1	16	3	1116	3348
	50A	2	16	3	1056	3168
	50A	3	16	3	740	2220
	50A	4	16	3	689	2687
	50A	5	16	3	831	2493
	60B	6	5	104	179	18616
	50A	7	6,3	10	548	5480
	50A	8	6,3	10	725	7250
	50A	9	6,3	10	623	6230
V512	50A	1	16	2	480	980
	60B	2	12,5	2	470	940
V513	50A	3	5	20	109	2180
	50A	1	16	3	773	2319
	50A	2	16	2	480	980
	50A	3	16	3	742	2226
	50A	4	6,3	1	86	86
	60B	5	5	12	179	2148
V514	50A	6	6,3	20	150	3000
	50A	7	6,3	10	663	6630
	50A	1	12,5	2	283	566
	60B	2	12,5	2	280	560
V515	50A	3	5	12	89	1068
	50A	1	10	2	283	566
	50A	2	10	2	280	560
	60B	3	5	12	89	1068

RESUMO AÇO CA 50-60			
AÇO	BIT (mm)	COMPR (m)	PESO (kg)
60B	5	250	38
50A	6,3	652	160
50A	10	11	7
50A	12,5	54	54
50A	16	252	398
50A	20	20	49
Peso Total	60B =		38 kg
Peso Total	50A =		671 kg
VOLUME DE CONCRETO =			7,20 m³