

PILARETE
BLOCO VAZADO - TIPO REAGO OU EQUIVALENTE
NOS 4 CANTOS - CHEIO c/ 4 ø 8

TUBO DE CONCRETO - A JUSANTE

T ①	ø 0,60	c/ 1,00m
T ②	ø 1,20m	
T ③	ø 1,50m	

PLANTA BAIXA

ESC. 1:25

PLANTA

ESC. 1:25

[illegible]

PARA ASSENTAMENTO DO TAMPÃO DE F.F.

Technical drawing of a mechanical part. The main view shows a rectangular part with a central hole. Dimensions: overall width 19, overall height 12, hole diameter $\varnothing 10$. A section line is indicated by two parallel lines with the label 'CORTE' and a circle containing an 'X'. Below the main view, the sectioned area is shown in gray. The sectioned area has a width of 14 and a height of 7. The sectioned area is labeled '18 N3 #6,3 c/15 C=50'. The sectioned area is also labeled '2 N2 #10'.

2. MEDIDAS EM CENTÍMETRO.
3. O TAMPAO DE F.F.M. PODERÁ SER CINZENTO OU DÓCITO E TIPO REMOVEL OU ARTICULADO.
3. ESCAVAR – 70 cm EM VOLTA DO P.V. P/ EXECUÇÃO DO REVESTIMENTO EXTERNO
4. REVESTIMENTO INTERNO E EXTERNO DO P.V., COM ARGAMASSA DE CIMENTO E AREIA NO TAPCO 1:3.
5. TUBOS ALFULENTE E FLUENTES PODERÃO SER LIGADOS A QUALQUER LUGAR DAS FACES DO P.V., BEM COMO TER DIREÇÃO VARIÁVEL CONFORME PROJETO.
6. COBRIMENTO MÍNIMO DO TUBO DE CONCRETO SOB O PAVIMENTO DEVERÁ SER DE 70 cm.
7. hm = COTA DA GERATRIZ SUPERIOR DE MONTANTE, hj = COTA DA GERATRIZ SUPERIOR DE JUSANTE.
8. hd = COTA DO DEGRAU HIDRÁULICO DE MONTANTE
9. $h \leq 150$ cm.
9. AÇO CA-50A.
10. COBRIMENTO DAS ARMADURAS = 2,5 cm.
11. CONCRETO ESTRUTURAL: $f_{ck} \geq 20,0$ MPa.
12. CONCRETO MAGRO
13. PARA INSPEÇÃO NO PV, USAR ESCADA FLEXÍVEL DE CORDA DE NYLON COM DEGRaus DE MADEIRA, OU EQUIVALENTE.
14. O TUBO DE ARRANQUE NO PISO ARMADO PARA OS PILARES.

Technical drawing of a square building plan. The overall dimensions are 55' x 55'. The central feature is a circle with a diameter of 18'0" (C=18'0"). The four corner features are labeled VC1, VC2, VC3, and VC4. The drawing includes dimensions for the building footprint, the central circle, and the corner features. The elevations are 182, 202, and 262. The structural details include 2 N10 # 12.5 C = 182, 2 N11 # 12.5 C = 182, 2 N12 # 12.5 C = 230, and 2 N13 # 12.5 C = 182. The drawing also shows a cross-section of the building with a height of 19' and a width of 74'.

Technical drawing of a square plate. The central square is labeled with $h = 15$. The drawing includes dimensions and material specifications for the top, bottom, left, and right edges.

Top Edge:

- Material: 13 N13
- Dimensions: 182, 202, 262
- Labels: ①, ②, ③

Bottom Edge:

- Material: 13 N13
- Dimensions: 177, 197, 257
- Labels: ①, ②, ③

Left Edge:

- Material: 13 N13
- Dimensions: 182, 202, 262
- Labels: ①, ②, ③

Right Edge:

- Material: 13 N13
- Dimensions: 177, 197, 257
- Labels: ①, ②, ③

Central Dimensions:

- Width: $\phi 6,3$
- Height: $c = 197$, $c = 217$, $c = 277$

The diagram illustrates the plan view of a square column. The overall width and height are both labeled as 'A'. The reinforcement consists of 4 bars of diameter 8 (N14 Ø 8) on each side, totaling 16 bars. The bars are arranged in a square pattern with 19mm spacing between them. A 12mm gap is indicated from the outer edge to the first bar. A label 'LASTRO DE CONCRETO MAGRO' points to the outer concrete layer. A north arrow is located to the right of the column. A circular detail callout 'A' with a north arrow is positioned to the left of the column. The text '(VER NOTA 14)' is located at the bottom right of the column plan.

ESC. 1:25

Ø	PESO UNIT. (Kg)	COMPRIMENTO (m)	PESO TOTAL (Kg)
6,3	0,25	89,26	22
* 8	0,40	22,40	9
10	0,63	96,24	61
12,5	1,00	16,20	17
PESO TOTAL			109

Ø	PESO UNIT. (Kg)	COMPROMITO (m)	PESO TOTAL (Kg)
6,3	0,25	108,42	27
8	0,40	25,60	11
10	0,63	111,18	70
12,5	1,00	17,32	18
PESO TOTAL			126

Ø	PESO UNIT. (Kg)	COMPIMENTO (m)	PESO TOTAL (Kg)
6,3	0,25	158,74	40
8	0,40	32,00	13
10	0,63	166,54	105
12,5	1,00	20,72	21
PESO TOTAL			179

* PARA $h_B=200$ cm

POSICÃO	ϕ	QUANT.	ACO CA-50A	
			COMPRIMENTOS	
			UNITÁRIO	TOTAL
N1	10	2	380	760
N2	10	2	292	584
N3	6,3	18	50	900
N4	10	16	207	3312
N5	6,3	44	66	2904
N6	10	4	183	732
N7	10	4	195	780
N8	10	4	243	972
N9	10	12	207	2484
N10	12,5	2	182	364
N11	12,5	4	199	796
N12	12,5	2	230	460
N13	6,3	26	197	5122
N14	8	16	hB	16 hB

POSICÃO	Ø	QUANT.	COMPRIMENTOS	
			UNITÁRIO	TOTAL
N1	10	2	380	760
N2	10	2	292	584
N3	6,3	18	50	900
N4	10	16	227	3632
N5	6,3	52	66	3432
N6	10	4	223	892
N7	10	4	235	940
N8	10	4	283	1132
N9	10	14	227	3178
N10	12,5	2	182	364
N11	12,5	4	227	908
N12	12,5	2	230	460
N13	6,3	30	217	6510
N14	8	16	h17	16 h18

POSICÃO	Ø	QUANT.	COMPRIMENTOS	
			UNITÁRIO	TOTAL
N1	10	2	380	760
N2	10	2	292	584
N3	6,3	18	50	900
N4	10	16	287	4592
N5	6,3	68	66	4448
N6	10	4	343	1372
N7	10	4	355	1420
N8	10	4	403	1612
N9	10	22	287	6314
N10	12,5	2	182	364
N11	12,5	4	312	1248
N12	12,5	2	230	460
N13	6,3	38	277	10526
N14	8	16	17	16