

The drawing consists of two parts: a cross-section (top) and a plan view (bottom).

**Cross-section (top):** Shows a slab with a total width of 14/38. The top reinforcement consists of 2  $\phi 8$  bars at the ends and 2  $\phi 5$  bars in the middle. The bottom reinforcement consists of 2  $\phi 8$  bars at the ends and 2  $\phi 10$  bars in the middle. The slab is supported by two columns, P1 and P2. The distance between the columns is 27' 5" (821). The slab thickness is 14/38.

**Plan view (bottom):** Shows the layout of the slab. The total width is 14/38. The slab is divided into three sections: a left section (136' wide), a middle section (163' wide), and a right section (131' wide). The reinforcement bars are labeled as follows:
 

- Left section: 2 N2  $\phi 8$  C=165
- Middle section: 2 N4  $\phi 10$  C=345
- Right section: 2 N5  $\phi 8$  C=160
- Bottom section: 2 N1  $\phi 5$  C=285
- Bottom section: 2 N3  $\phi 5$  C=290
- Bottom section: 2 N6  $\phi 8$  C=1130

 The total length of the slab is 1092'.

Technical drawing of a mechanical assembly, showing a side view and two cross-sections (Corte A and Corte B).

**Dimensions and Features:**

- Top horizontal dimensions:  $N7 \frac{C}{20}$  (23  $\phi 5$  (441)) and  $N7 \frac{C}{20}$  (14  $\phi 5$  (201)).
- Top horizontal hole dimensions:  $2 \phi 6.3$ ,  $4 \phi 10$ ,  $4 \phi 10$ ,  $2 \phi 10$ .
- Left vertical dimension: V13.
- Section A (Corte A) and Section B (Corte B) are indicated by arrows A and B.
- Section A dimensions:  $3 \phi 10$ ,  $340$ ,  $2 N1 \phi 6.3$ ,  $C=355$ .
- Section B dimensions:  $421$ ,  $2 N2 \phi 10$ ,  $C=450$ ,  $80$ ,  $2 N3 \phi 10$  (1  $\phi 20$  CAM),  $C=200$ .
- Right vertical dimensions: P5, P6.
- Bottom horizontal dimensions:  $34$ ,  $1 N5 \phi 10$ ,  $C=290$ ,  $470$ ,  $2 N4 \phi 10$ ,  $C=485$ ,  $28$ ,  $2 N6 \phi 10$ ,  $C=245$ .

**Corte A and Corte B Details:**

- Corte A:** Shows a cross-section with dimensions  $1 \phi 10$  and  $3 \phi 10$ . Below it, a detail view shows a hole with dimensions  $13$  and  $52$ .
- Corte B:** Shows a cross-section with dimensions  $2 \phi 10$  and  $2 \phi 10$ . Below it, a detail view shows a hole with dimensions  $13$  and  $52$ .

**Assembly Details:**

- 23 N7  $\phi 5$  C=105
- 11 N7  $\phi 5$  C=105

[illegible]

19/38

19/38

Corte A

34 N6  $\phi$  5 C=105

[illegible][illegible]

Technical drawing of a mechanical part, likely a bracket or support, showing front, side, and cross-sectional views. The drawing includes dimensions in millimeters (mm) and specifications for holes and threads.

**Front View (Top):**

- Overall length: 432
- Overall width: 23
- Central hole diameter:  $\phi 18$
- Distance from left edge to central hole: 23
- Distance from central hole to right edge: 402
- Left flange hole diameter:  $3 \phi 10$
- Right flange hole diameter:  $4 \phi 10$
- Distance between flange holes:  $2 \phi 5$
- Distance from left edge to left flange hole: 3
- Distance from right flange hole to right edge: 10
- Distance from central hole to left flange hole:  $3 \phi 12.5$
- Distance from central hole to right flange hole:  $4 \phi 10$

**Side View (Bottom):**

- Overall height: 119
- Overall width: 23
- Central hole diameter:  $\phi 18$
- Distance from top edge to central hole: 23
- Distance from central hole to bottom edge: 402
- Left flange hole diameter:  $3 \phi 10$
- Right flange hole diameter:  $4 \phi 10$
- Distance between flange holes:  $2 \phi 5$
- Distance from left edge to left flange hole: 3
- Distance from right flange hole to right edge: 10
- Distance from central hole to left flange hole:  $3 \phi 12.5$
- Distance from central hole to right flange hole:  $4 \phi 10$

**Cross-section A-A (Right):**

- Overall width: 23
- Central hole diameter:  $\phi 18$
- Distance from left edge to central hole: 23
- Distance from central hole to right edge: 402
- Left flange hole diameter:  $3 \phi 10$
- Right flange hole diameter:  $4 \phi 10$
- Distance between flange holes:  $2 \phi 5$
- Distance from left edge to left flange hole: 3
- Distance from right flange hole to right edge: 10
- Distance from central hole to left flange hole:  $3 \phi 12.5$
- Distance from central hole to right flange hole:  $4 \phi 10$

**Other Views and Dimensions:**

- Top View (Left):** Shows a central hole with diameter  $\phi 18$  and a distance of 119 from the left edge to the center of the hole. The hole is specified as  $3 \text{ N2 } \phi 10 \text{ C=145}$ .
- Bottom View (Left):** Shows a central hole with diameter  $\phi 18$  and a distance of 119 from the left edge to the center of the hole. The hole is specified as  $4 \text{ N2 } \phi 10 \text{ C=145}$ . A note  $(1 \phi 20 \text{ CAM})$  is present.
- Top View (Right):** Shows a central hole with diameter  $\phi 18$  and a distance of 119 from the left edge to the center of the hole. The hole is specified as  $2 \text{ N1 } \phi 5 \text{ C=250}$ .
- Bottom View (Right):** Shows a central hole with diameter  $\phi 18$  and a distance of 119 from the left edge to the center of the hole. The hole is specified as  $1 \text{ N4 } \phi 12.5 \text{ C=285}$ .
- Side View (Right):** Shows a central hole with diameter  $\phi 18$  and a distance of 119 from the left edge to the center of the hole. The hole is specified as  $2 \text{ N3 } \phi 12.5 \text{ C=470}$ .
- Other Dimensions:**
  - Distance from left edge to central hole: 23
  - Distance from central hole to right edge: 402
  - Distance from left edge to left flange hole: 3
  - Distance from right flange hole to right edge: 10
  - Distance from central hole to left flange hole:  $3 \phi 12.5$
  - Distance from central hole to right flange hole:  $4 \phi 10$
  - Distance between flange holes:  $2 \phi 5$
  - Distance from top edge to central hole: 23
  - Distance from central hole to bottom edge: 402
  - Distance from left edge to left flange hole: 3
  - Distance from right flange hole to right edge: 10
  - Distance from central hole to left flange hole:  $3 \phi 12.5$
  - Distance from central hole to right flange hole:  $4 \phi 10$

AÇO	POS	BIT (mm)	QUANT	COMPRIMENTO			
				UNIT (cm)	TOTAL (cm)		
V101	CA-50	1	5	2	285	570	
	CA-50	2	8	2	165	330	
	CA-50	3	5	2	290	580	
	CA-50	4	10	2	345	690	
	CA-50	5	8	2	160	320	
	CA-50	6	8	2	1130	2260	
V102=V108 (x2)	CA-50	7	5	54	95	5130	
	CA-50	1	5	4	220	880	
	CA-50	2	10	6	170	1020	
	CA-50	3	10	6	145	870	
	CA-50	4	10	4	438	1752	
	CA-50	5	10	2	275	550	
V103	CA-50	6	5	40	105	4200	
	CA-50	1	6.3	2	355	710	
	CA-50	2	10	2	450	900	
	CA-50	3	10	2	200	400	
	CA-50	4	10	2	485	970	
	CA-50	5	10	1	290	290	
V104=V107 (x2)	CA-50	6	10	2	245	490	
	CA-50	7	5	34	105	3570	
	CA-50	1	5	4	255	1020	
	CA-50	2	10	6	150	900	
	CA-50	3	12.5	4	435	1740	
	CA-50	4	12.5	4	305	820	
V105	CA-50	5	10	4	500	2000	
	CA-50	6	10	4	310	1240	
	CA-50	7	8	4	280	1120	
	CA-50	8	5	78	89	6942	
	CA-50	1	5	2	250	500	
	CA-50	2	10	6	145	870	
V106	CA-50	3	12.5	2	470	940	
	CA-50	4	12.5	2	360	720	
	CA-50	5	5	23	99	2277	
	CA-50	1	5	2	250	500	
	CA-50	2	10	7	145	1015	
	CA-50	3	12.5	2	470	940	
V109	CA-50	4	12.5	1	285	285	
	CA-50	5	5	23	99	2277	
	CA-50	1	6.3	2	355	710	
	CA-50	2	12.5	2	340	680	
	CA-50	3	10	2	170	340	
	CA-50	4	10	2	490	980	
V110	CA-50	5	10	2	245	490	
	CA-50	6	5	34	105	3570	
	CA-50	1	5	2	270	540	
	CA-50	2	10	4	150	600	
	CA-50	3	5	2	320	640	
	CA-50	4	10	2	390	780	
PESO TOTAL	CA-50	5	10	1	145	145	
	CA-50	6	8	2	1130	2260	
	CA-50	7	8	2	54	95	5130
	CA 50 =						
	CA 50 =						
	CA 50 =						

FONTE / DADOS DE BASE	
CASA DA MULHER	
CDHU	
ENG. FERNANDO AREVALILLO LLATA	SUPERINTENDENTE DE PROJETOS
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LEGENDA / NOTAS

REVISÕES (DISCRIMINAÇÃO)	Nº	DATA	RUBRICA

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CONTRATO  
SECRETARIA DE DESENVOLVIMENTO REGIONAL

PROJETO

SDR\_CM-01 - CASA SP AFRO BRASIL

ENDEREÇO / MUNICÍPIO

AV. JOSÉ RICARDO NALLE, JARDIM  
GUAPITUBA, MAUÁ - SP

DISCIPLINA	ÁREA	FOLHA
ESTRUTURA/CONCRETO	EST	08/09

ASSUNTO

ARMAÇÃO DAS VIGAS DA COBERTURA 1/2

ESCALA GRÁFICA	ESCALA NOMINAL	DATA
	INDICADA	JAN/2022
ESPAÇO PARA APROVAÇÃO		

ESPAÇO PARA APROVAÇÃO

CÓDIGO CDHU EMPREENDIMENTO												
Projeto					Região		Município		Versão	Etapa do Projeto		
-	-	-	1	7	-	-	-	-	-	P	E	