

The diagram shows a 2D grid with several labeled regions and annotations:

- Top Left:** A blue rectangular region labeled **P13A** at the top left and **P20A** at the bottom left. The right edge of this region is labeled **V186A** and **V187A**.
- Top Right:** A black rectangular region labeled **P142A** at the top right and **V147A** on its left edge.
- Bottom Left:** A blue rectangular region labeled **P20A** at the bottom left and **V223A** on its right edge.
- Bottom Right:** A black rectangular region labeled **P118A** at the bottom right and **V223A** on its left edge.
- Central Regions:**
 - E1A** with $h=15$ is located in the upper central part of the grid.
 - E2A** with $h=15$ is located in the lower central part of the grid.
- Annotations:**
 - A large arrow labeled **Desce** points from the left towards the center of the grid.
 - A smaller arrow labeled **Desce** points from the right towards the center of the grid.
 - Two small triangular structures are labeled **A** and **B** on the right side of the grid.
- Grid Dimensions:**
 - The grid is divided into columns and rows by blue lines.
 - Labels **22 IN 0 6.3 C10 C+VAR (sup)** and **13 IN 0 12.5 C17.5 C+VAR (inf)** are placed near the top and bottom edges of the grid.

Technical drawing of a staircase showing two views: a side elevation and a plan view.

Side Elevation:

- Total height: 186
- Total width: 222
- Staircase width: 186
- Staircase height: 186
- Staircase width: 186
- Staircase height: 186

Plan View:

- Staircase width: 186
- Staircase height: 186
- Staircase width: 186
- Staircase height: 186
- Staircase width: 186
- Staircase height: 186

Table:

Q	COMPONENTO	UNIT	TOTAL
1	VAR.	cm	6409
2	VAR.	cm	10824
3	VAR.	cm	20710
4	VAR.	cm	5412

AÇO	POS	BIT	QUANT	COMPRIMENTO	
				UNIT	TOTAL
		mm		cm	cm
ARMADURA LANCES ESCADAS - TERÇO (E1A E 2A)					
S0A	1	12,5	13	==VAR==	6405
S0A	2	6,3	22	==VAR==	10824
S0A	3	12,5	13	==VAR==	20770
S0A	4	8	22	2462	5412
S0A	5	6,3	16	2562	8992
S0A	6	6,3	21	2462	5186
S0A	7	6,3	16	331	5296
S0A	8	12,5	23	677	15571
S0A	9	8	27	236	4956
S0A	10	12,5	23	288	6624
S0A	11	6,3	20	237	4740
S0A	12	12,5	3	528	820

RESUMO DE AÇO			
AÇO	BIT mm	COMPR m	PESO kgf
50A	6,3	429	105
50A	8	104	41
50A	12,5	494	475
Peso Total	50A =		622 kcf

The diagram shows a 2D grid with several labeled regions and arrows. On the left, there are two vertical bars: a blue one at the top labeled 'P13A' and a blue one at the bottom labeled 'P20A'. Between them is a white bar labeled 'VZ20A'. To the right of these bars is a vertical line with labels '13 IN 8 B C=VAR (top)' and '13 IN 8 12.5 C=17.5 C=VAR (top)'. Further right is another vertical line with labels '13 IN 8 12.5 C=17.5 C=VAR (top)' and '13 IN 8 12.5 C=17.5 C=VAR (top)'. The main grid is divided into several vertical columns. In the top-left area, there is a label 'PT101A h=15'. In the top-right area, there is a label 'E101A h=15' and an arrow pointing right labeled 'Desce'. In the bottom-left area, there is a label 'E102A h=15'. In the bottom-right area, there is a label 'L316A'. On the right side of the grid, there are two vertical labels: 'V223A' and 'V323A'. There are also two arrows pointing left labeled 'Desce', one near 'V223A' and one near 'V323A'. At the top right, there is a label 'B' with a triangle icon. At the bottom right, there is a label 'A' with a triangle icon.

Technical drawing of a staircase reinforcement layout. The drawing shows a side view of a staircase with 13 steps. Reinforcement bars are labeled with their diameter, spacing, and length. Key dimensions include: total length 239, total width 228, and total height 51. Reinforcement bars are specified as N1 Ø 12.5 C/17.5, N2 Ø 8 C/17.5, N3 Ø 8 C/17.5, N4 Ø 8 C/17.5, N5 Ø 8 C/17.5, N6 Ø 8.3 C/15, N7 Ø 6.3 C/15, and N8 Ø 6.3 C/20. A detail view on the right shows a cross-section of the staircase with reinforcement bars N1, N2, N3, N4, N5, N6, N7, and N8.

[illegible]

AÇO	POS	BIT	QUANT	COMPRIMENTO	
				UNIT	TOTAL
		mm		cm	cm
ARMADURA LANCES ESCADAS - 1 PAV (E101A E E102A)					
50A	1	12,5	13	--VAR--	6409
50A	2	8	12	--VAR--	6409
50A	3	12,5	13		20770
50A	4	8	22		5412
50A	5	6,3	16	262	8992
50A	6	6,3	23	246	5186
50A	7	6,3	16	331	5296
50A	8	12,5	23	716	16468
50A	9	8	27	236	4956
50A	10	6,3	15	518	7770
50A	11	6,3	12	236	5192
50A	12	6,3	6	236	4728

RESUMO DE AÇO			
AÇO	BIT mm	COMPR m	PESO kgf
50A	6.3	324	79
50A	8	168	66
50A	12.5	502	484
Peso Total	50A =		629 kaf

1. UNIDADES EM CENTÍMETROS, NÍVEIS EM METROS, EXCETO ONDE INDICADO O CONTRÁRIO;
2. ESTE PROJETO ATENDE AS ESPECIFICAÇÕES DA NORMA NBR-6118-2014;
3. AS ARMADURAS DEVEM ESTAR LIMPAS, DE ACORDO COM O QUE SE ESTABELEÇA NAS NORMAS DE EXECUÇÃO, COM AS FERRAGENS DEVIDAMENTE POSICIONADAS CONFORME INDICA O PROJETO, UTILIZANDO-SE DE POSICIONADORES E ESPAÇADORES ADEQUADOS, GARANTINDO OS COBRIMENTOS;
4. ACES: CASO ($f_y = 500\text{MPa}$) / C_{60} ($f_y \geq 600\text{MPa}$);
5. PREVER INSERTE METÁLICO PARA FIXAÇÃO DA ESTRUTURA METÁLICA, NOS ELEMENTOS PERTINENTES (VER PROJETO DE ESTRUTURA METÁLICA);
6. DEMAIS CONSIDERAÇÕES VIDE PRONHA DE FORMAS;
7. TODAS AS MEDIDAS E DIMENSÕES DEVEM SER CONFERIDAS NA OBRA.

COBRIMENTOS MÍNIMOS	
ELEMENTOS	VALORES (cm)
VIGAS E PILARES	2,5
LAJES	2,0
FUNDAÇÕES	2.5

RGO	30/09/2021	EMISSÃO PADRAL	
REVISÃO		DATA	ASSINADO
<p>MEP ARQUITETURA E PLANEJAMENTO LTDA - EPP Rua Milton Gouveia, 360 - 1º andar - Universidade - LONDES - PE CEP: 54055-700 FONEPAX (85) 3328-1100 E-mail: pedro@meptur.com.br www.meptur.com.br/arq.br</p>			
<p>Modelo em continência.</p> <p>O valor do honorário é por escrito.</p>		<p>Condição: honorário no local.</p> <p>Assinatura do autor: obrigatória (resposta a responsabilidade pelo projeto).</p>	
<p>* Todos e/ou CONTEÚDO DESTES PRODUTOS E PROPRIEDADE INTELECTUAL DA EMPRESA - DIREITOS AUTORAIS RESERVADO*</p>			
		<p>Projeto</p> <p>PROJETO ESTRUTURAL</p>	
<p>Auto do projeto</p> <p>THIAGO FERNANDES GESSA AVELAR</p> <p>CREA: CREA-CE/04-195540-0</p>		<p>Cidade</p> <p>HOSPITAL REGIONAL DE PRONTO SOCORRO - HRPS</p>	
		<p>Município</p> <p>MUNICÍPIO DE PELOTAS</p>	
<p>MEP - Arquitetura e Planejamento Ltda. EPP</p>		<p>Local</p> <p>AV. BENTON GONÇALVES, Nº 4590 - PELOTAS/RS</p>	
<p>Assinatura</p> <p>ALDOO A. ESCADAS</p> <p>COREC: 554</p> <p>Disciplinas: VS</p>		<p>PRIMEIRO</p> <p>EC 111</p>	
<p>Anexo: Cx. 554 HRPS-PE-ET2-11-ARM-BLA-ESQ_R00</p>		<p>Escala: Descente - 1:50</p>	