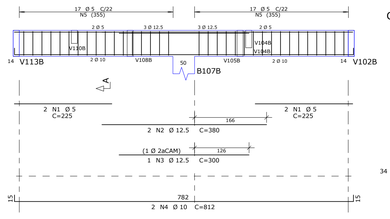
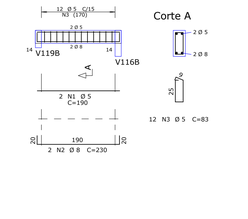
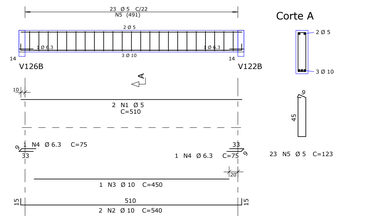
V144B 14X60



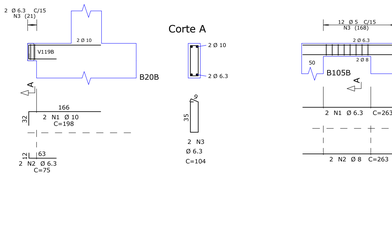
V145B 14X30



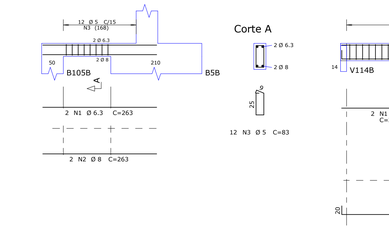
V146B 14X50



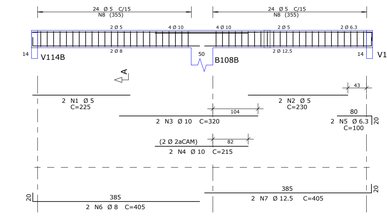
V147B 14X40



V148B 14X30



V149B 14X40



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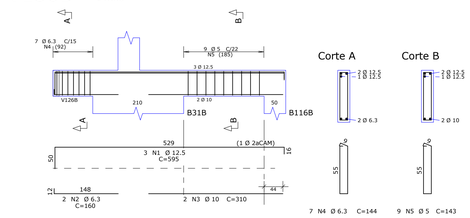
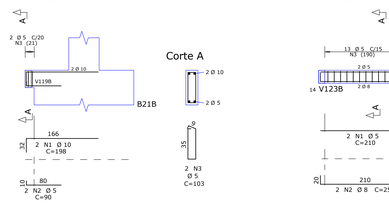


V151B 14X40



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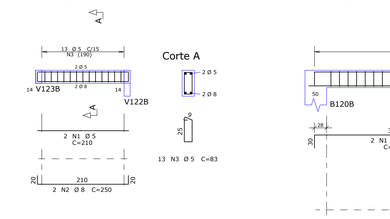

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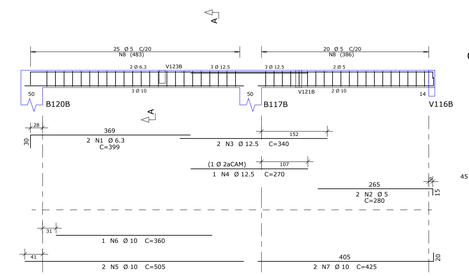
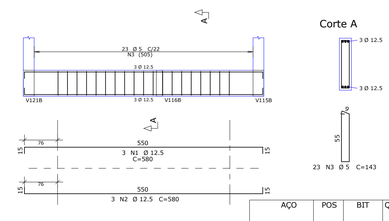


V156B 14X60

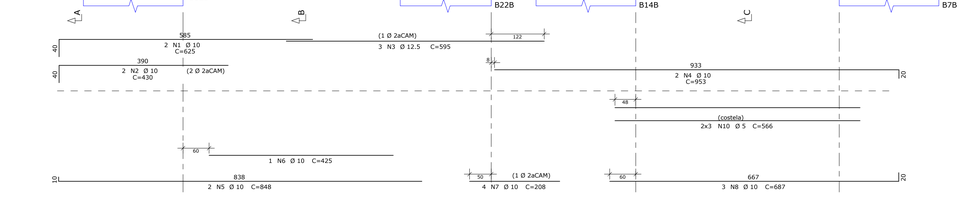


AÇO	POS	BIT	QUANT	COMPRIMENTO	
				UNIT	TOTAL
		mm		cm	cm
V164B					
50A	1	10	2	223	446
50A	2	8	2	210	420
60B	3	5	5	83	415
V166					
50A	1	8	2	323	646
50A	2	8	2	300	600
50A	3	6.3	1	65	65
60B	4	5	13	103	1339
V167					
50A	1	8	2	607	1214
50A	2	16	2	595	1190
50A	3	8	4	85	340
60B	4	5	27	103	2781

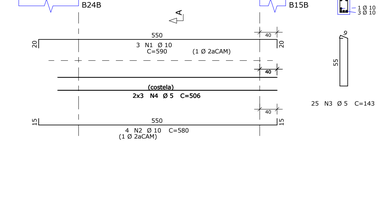
RESUMO DE AÇO			
AÇO	BIT	COMPR	PESO
	mm	m	kgf
60B	5	771	119
50A	6.3	51	12
50A	8	66	26
50A	10	273	168
50A	12.5	105	101
50A	16	35	55
Peso Total	60B =		119 kgf
Peso Total	50A =		362 kgf

AÇO	POS	BIT	QUANT	COMPRIMENTO	
				UNIT	TOTAL
		mm		cm	cm
V144B					
60B	1	5	4	225	900
50A	2	12.5	2	380	760
50A	3	12.5	1	300	300
50A	4	10	2	812	1624
60B	5	5	34	143	4862
V145B					
60B	1	5	2	190	380
50A	2	8	2	230	460
60B	3	5	12	83	996
V146B					
60B	1	5	2	510	1020
50A	2	10	2	540	1080
50A	3	10	1	450	450
50A	4	6.3	2	75	150
60B	5	5	23	123	2829
V147B					
50A	1	10	2	198	396
50A	2	6.3	2	75	150
50A	3	6.3	2	104	208
V148B					
50A	1	6.3	2	263	526
50A	2	8	2	263	526
60B	3	5	12	83	996
V149B					
60B	1	5	2	225	450
60B	2	5	2	230	460
50A	3	10	2	320	640
50A	4	10	2	215	430
50A	5	6.3	2	100	200
50A	6	8	2	405	810
50A	7	12.5	2	405	810
60B	8	5	48	103	4944
V150B					
50A	1	12.5	3	595	1785
50A	2	6.3	2	160	320
50A	3	10	2	310	620
50A	4	6.3	7	144	1008
60B	5	5	9	143	1287
V151B					
50A	1	10	2	198	396
60B	2	5	2	90	180
60B	3	5	2	103	206
V152B					
60B	1	5	2	210	420
50A	2	8	2	250	500
60B	3	5	13	83	1079
V153B					
50A	1	6.3	2	399	798
60B	2	5	2	280	560
50A	3	12.5	2	340	680
50A	4	12.5	2	270	540
50A	5	10	2	505	1010
50A	6	10	1	360	360
50A	7	10	2	425	850
60B	8	5	45	103	4635
V154B					
50A	1	10	2	625	1250
50A	2	10	2	430	860
50A	3	12.5	3	595	1785
50A	4	10	2	953	1906
50A	5	10	2	848	1696
50A	6	10	1	425	425
50A	7	10	4	208	832
50A	8	10	3	687	2061
60B	9	5	73	143	10439
60B	10	5	6	566	3396
V155B					
50A	1	10	3	590	1770
50A	2	10	4	580	2320
60B	3	5	25	143	3575
60B	4	5	24	506	12144
V156B					
50A	1	12.5	3	580	1740
50A	2	12.5	3	580	1740
60B	3	5	23	143	3289
V157B					
50A	1	10	2	295	590
50A	2	10	2	285	570
60B	3	5	16	83	1328
V158B					
60B	1	5	2	110	220
50A	2	8	2	150	300
60B	3	5	6	83	498
V159B					
50A	1	10	6	508	3048
60B	2	5	17	103	1751
V160B					
60B	1	5	2	560	1120
50A	2	10	2	590	1180
50A	3	10	1	455	455
50A	4	6.3	2	75	150
60B	5	5	25	143	3575
V161B					
50A	1	6.3	2	125	250
50A	2	8	2	115	230
60B	3	5	5	83	415
V162B					
50A	1	6.3	2	220	440
50A	2	12.5	3	195	585
50A	3	16	3	220	660
50A	4	16	3	540	1620
60B	5	5	23	135	3105
50A	6	6.3	6	136	816
V163B					
60B	1	5	2	220	440
50A	2	8	2	260	520
60B	3	5	10	103	1030

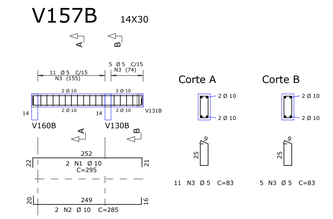
V154B 14X60



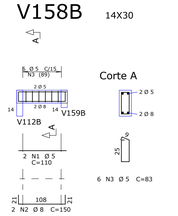
V155B 14X60



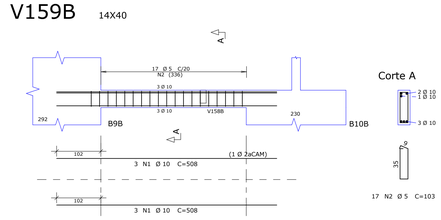
V157B 14X30



V158B 14X30



V159B 14X40



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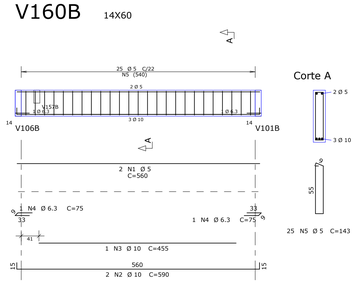
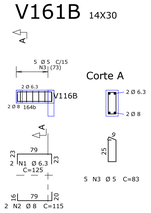
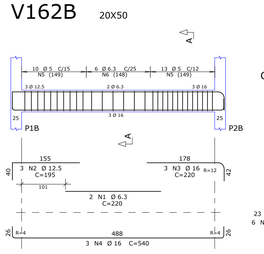


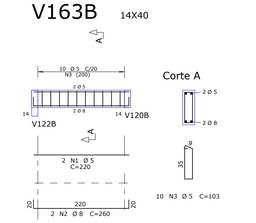
V161B 14X30



V162B 20X50



V163B 14X40



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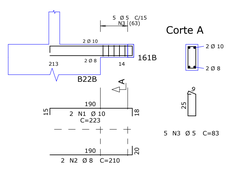
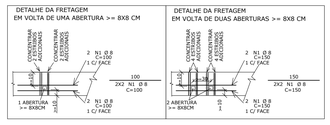
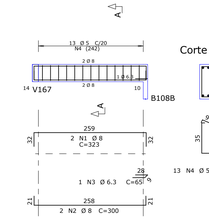
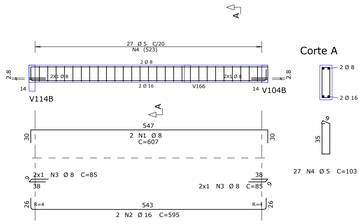




V166 14X40



V167 14X40

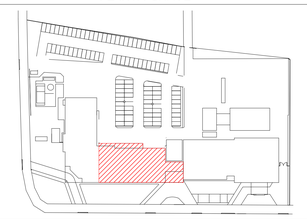


ESPECIFICAÇÕES DE PROJETO

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 ESTABELECE NAS NORMAS DE EXECUÇÃO, COM AS FERRAGENS DEVIDAMENTE POSICIONADAS CONFORME INDICA O PROJETO, UTILIZANDO-SE DE POSICIONADORES E ESPAÇADORES ADEQUADOS, GARANTINDO OS COBRIMENTOS;
4. AÇOS: CA50 (fy ≥ 500MPa) / CA60 (fy ≥ 600MPa);
5. PREVER INSERTS METÁLICOS PARA FIXAÇÃO DA ESTRUTURA METÁLICA, NOS ELEMENTOS PERTINENTES (VER PROJETO DE ESTRUTURA METÁLICA);
6. DEMAIS CONSIDERAÇÕES VIDE PRANCHA 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

PLANTA CHAVE



REVISÃO	DATA	ASSUNTO
R00	30/08/2021	EMISSÃO INICIAL

MEP ARQUITETURA E PLANEJAMENTO LTDA. - EPP
Rua Milton Gaveti, 399 - Jd. Universitário - Londrina - Pr - CEP.86050-720
FONE/FAX: (0XX43) - 3326-1020 / E-mail: mep@meparquitetura.arq.br / Site: www.meparquitetura.arq.br

Conferir medidas no local.
Antes de qualquer alteração consultar o responsável pelo projeto.

Medidas em centímetros.
O valor da cota prevalece ao da escala.
* TODO O CONTEÚDO DESTE PROJETO É PROPRIEDADE INTELECTUAL DA EMPRESA - DIREITOS AUTORAIS RESERVADO*

Thiago F. S. Xavier

Autor do Projeto
THIAGO FERNANDO SILVA XAVIER
ENG. CIVIL CREA PR-100125/D

Projeto:	PROJETO ESTRUTURAL
Obra:	HOSPITAL REGIONAL DE PRONTO SOCORRO - HRPS
Proprietário:	MUNICÍPIO DE PELOTAS
Local:	AV. BENTO GONÇALVES, Nº 4590 - PELOTAS/RS
Assunto:	ARMADURAS BLOCO B - VIGAS (5/30)
Código Cliente: 554	Desenho: PVF
Arquivo Cad: 554 HRPS-PE-ESTR-245-ARM-BLB-VIG_R00	Escala Desenho - : Indicada
PRANCHA:	EC 245