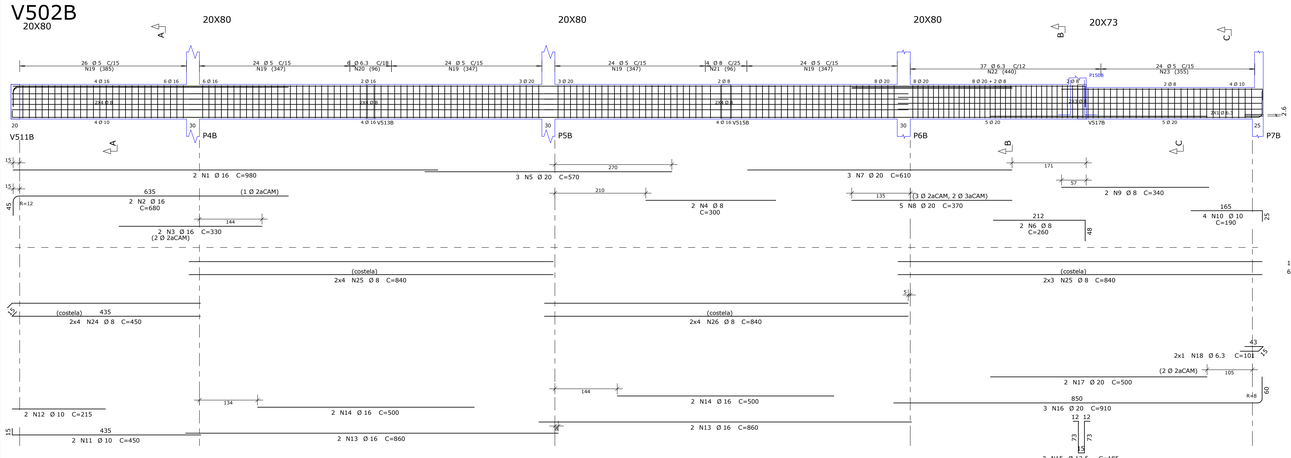
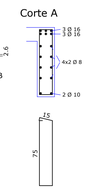
V502B 20X80

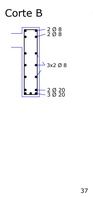


Corte A

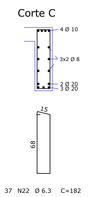


122 N19 Ø 5 C=195
6 N20 Ø 6.3 C=196
4 N21 Ø 8 C=198

Corte B

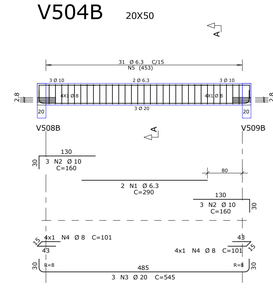


Corte C

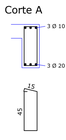


37 N22 Ø 6.3 C=182
24 N23 Ø 5 C=181

V504B 20X50

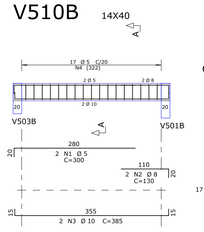


Corte A

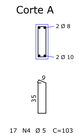


31 N5 Ø 6.3 C=136

V510B 14X40

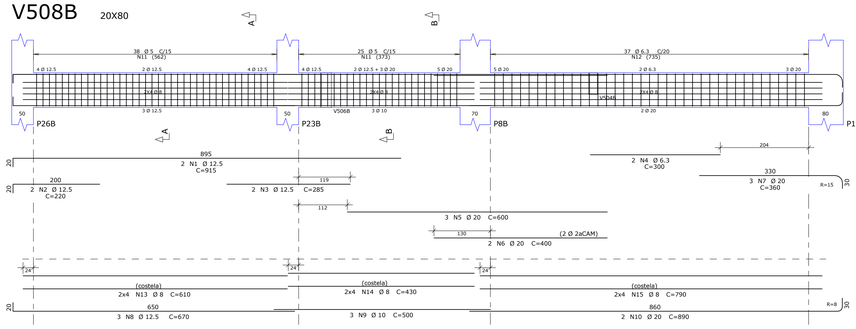


Corte A

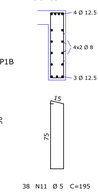


17 N4 Ø 5 C=103

V508B 20X80

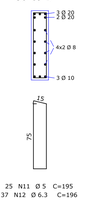


Corte A



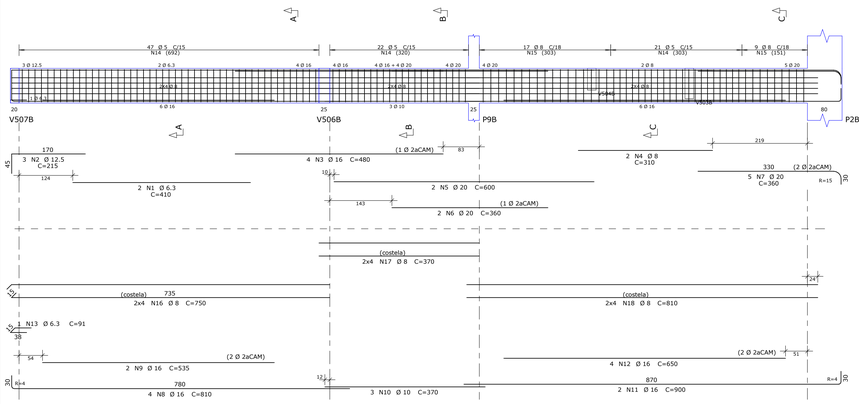
38 N11 Ø 5 C=195

Corte B

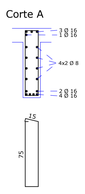


25 N11 Ø 5 C=195
37 N12 Ø 6.3 C=196

V509B 20X80

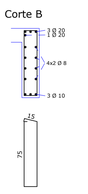


Corte A



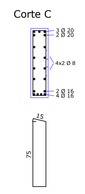
47 N14 Ø 5 C=195

Corte B



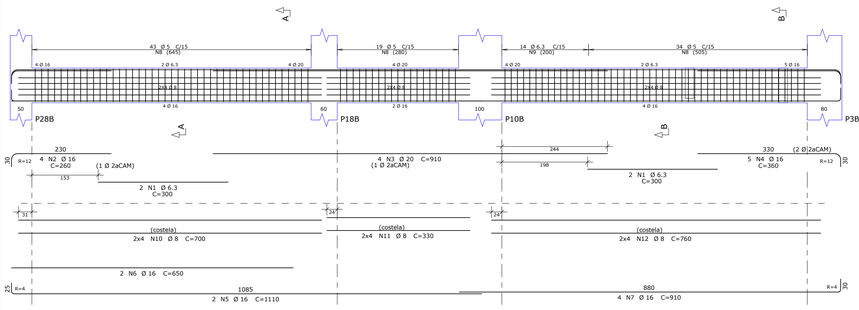
22 N14 Ø 5 C=195

Corte C

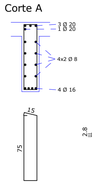


26 N15 Ø 8 C=198
21 N14 Ø 5 C=195

V511B 20X80

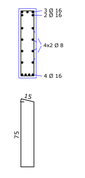


Corte A



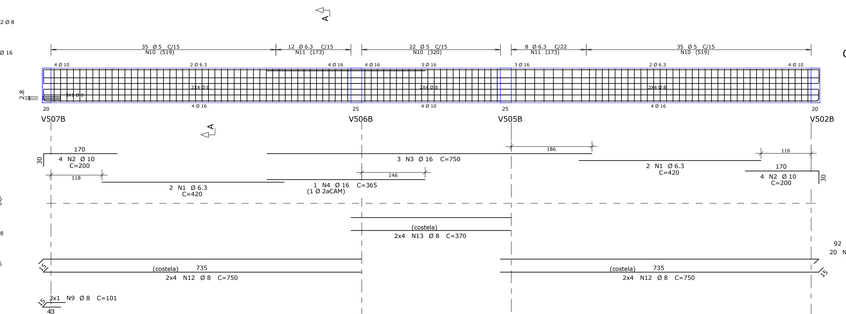
62 N8 Ø 5 C=195

Corte B



14 N9 Ø 6.3 C=196
34 N8 Ø 5 C=195

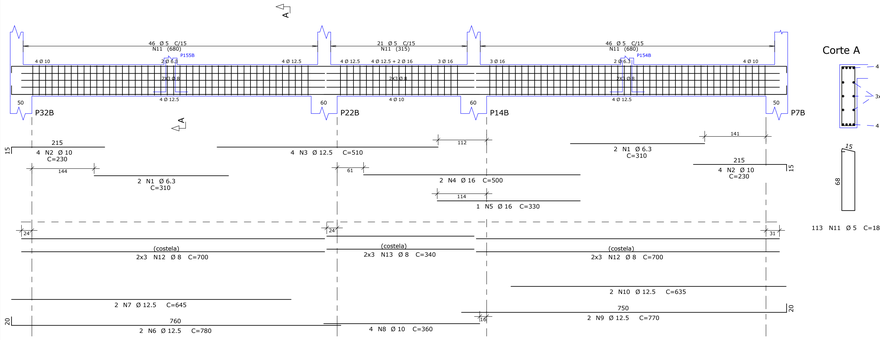
V517B 20X80



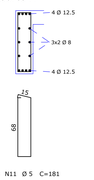
Corte A

92 N10 Ø 5 C=195
20 N11 Ø 6.3 C=196

V518B 20X73

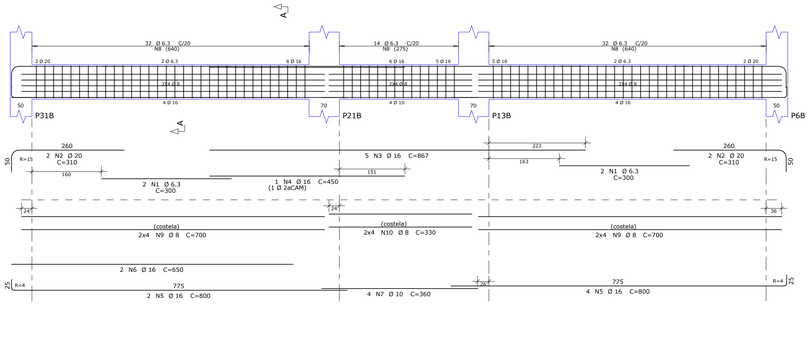


Corte A

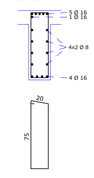


113 N11 Ø 5 C=181

V516B 25X80



Corte A



78 N8 Ø 6.3 C=206

AÇO	POS	BIT	QUANT	COMPRIMENTO	
				UNIT	TOTAL
		mm		cm	cm
V502B					
50A	1	16	2	980	1960
50A	2	16	2	680	1360
50A	3	16	2	330	660
50A	4	8	2	300	600
50A	5	20	3	570	1710
50A	6	8	2	260	520
50A	7	20	3	610	1830
50A	8	20	5	370	1850
50A	9	8	2	340	680
50A	10	10	4	190	760
50A	11	10	2	450	900
50A	12	10	2	215	430
50A	13	16	4	860	3440
50A	14	16	4	500	2000
50A	15	12.5	3	185	555
50A	16	20	3	910	2730
50A	17	20	2	500	1000
50A	18	6.3	2	101	202
60B	19	5	122	195	23790
50A	20	6.3	6	196	1176
50A	21	8	4	198	792
50A	22	6.3	37	182	6734
60B	23	5	24	181	4344
50A	24	8	8	450	3600
50A	25	8	14	840	11760
50A	26	8	8	840	6720
V504B					
50A	1	6.3	2	290	580
50A	2	10	6	160	960
50A	3	20	3	545	1635
50A	4	8	8	101	808
50A	5	6.3	31	136	4216
V508B					
50A	1	12.5	2	915	1830
50A	2	12.5	2	220	440
50A	3	12.5	2	285	570
50A	4	6.3	2	300	600
50A	5	20	3	600	1800
50A	6	20	2	400	800
50A	7	20	3	360	1080
50A	8	12.5	3	670	2010
50A	9	10	3	500	1500
50A	10	20	2	890	1780
60B	11	5	63	195	12285
50A	12	6.3	37	196	7252
50A	13	8	8	610	4880
50A	14	8	8	430	3440
50A	15	8	8	790	6320
V509B					
50A	1	6.3	2	410	820
50A	2	12.5	3	215	645
50A	3	16	4	480	1920
50A	4	8	2	310	620
50A	5	20	2	600	1200
50A	6	20	2	360	720
50A	7	20	5	360	1800
50A	8	16	4	810	3240
50A	9	16	2	535	1070
50A	10	10	3	370	1110
50A	11	16	2	900	1800
50A	12	16	4	650	2600
50A	13	6.3	1	91	91
60B	14	5	90	195	17550
50A	15	8	26	198	5148
50A	16	8	8	750	6000
50A	17	8	8	370	2960
50A	18	8	8	810	6480
V510B					
60B	1	5	2	300	600
50A	2	8	2	130	260
50A	3	10	2	385	770
60B	4	5	17	103	1751
V511B					
50A	1	6.3	4	300	1200
50A	2	16	4	260	1040
50A	3	20	4	910	3640
50A	4	16	5	360	1800
50A	5	16	2	1110	2220
50A	6	16	2	650	1300
50A	7	16	4	910	3640
60B	8	5	96	195	18720
50A	9	6.3	14	196	2744
50A	10	8	8	700	5600
50A	11	8	8	330	2640
50A	12	8	8	760	6080
V516B					
50A	1	6.3	4	300	1200
50A	2	20	4	310	1240
50A	3	16	5	867	4335
50A	4	16	1	450	450
50A	5	16	6	800	4800
50A	6	16	2	650	1300
50A	7	10	4	360	1440
50A	8	6.3	78	206	16068
50A	9	8	16	700	11200
50A	10	8	8	330	2640
V517B					
50A	1	6.3	4	420	1680
50A	2	10	8	200	1600
50A	3	16	3	750	2250
50A	4	16	1	365	365
50A	5	16	4	800	3200
50A	6	16	2	625	1250
50A	7	16	4	350	1400
50A	8	16	2	670	1340
50A	9	8	3	101	303
60B	10	5	92	195	17940
50A	11	6.3	20	196	3920
50A	12	8	16	750	12000
50A	13	8	8	370	2960
V518B					
50A	1	6.3	4	310	1240
50A	2	10	8	230	1840
50A	3	12.5	4	510	2040
50A	4	16	2	500	1000
50A	5	16	1	330	330
50A	6	12.5	2	780	1560
50A	7	12.5	2	645	1290
50A	8	10	4	360	1440
50A	9	12.5	2	770	1540
50A	10	12.5	2	635	1270
60B	11	5	113	181	20453
50A	12	8	12	700	8400
50A	13	8	6	340	2040

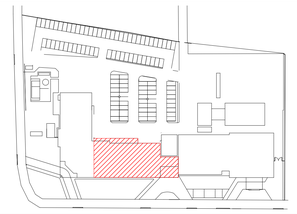
RESUMO DE AÇO			
AÇO	BIT	COMPR	PESO
	mm	m	kgf
60B	5	1174	181
50A	6.3	497	122
50A	8	1155	456
50A	10	142	87
50A	12.5	138	132
50A	16	507	800
50A	20	248	612
Peso Total	60B =		181 kgf
Peso Total	50A =		2209 kgf

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 Gavetti, 369 - Jd. Universitário - Londrina - Pr - CEP:86050-720
FONE/FAX: (0XX43 - 3325-1020 / E-mail: mep@meparquitetura.arq.br / Site: www.meparquitetura.arq.br

Medidas em centímetros.
O valor da cota prevalece ao da escala.

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

" TODO O CONTEÚDO DESTE PROJETO É PROPRIEDADE INTELECTUAL DA EMPRESA - DIREITOS AUTORAIS RESERVADO "

THIAGO F. S. XAVIER

Autor do Projeto
THIAGO FERNANDO SEGA XAVIER
ENG. CIVIL CREA PR-100120/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 (17/30)
Código Cliente:	554
Desenho:	HMM
Arquivo Cad:	554 HRPS-PE-ESTR-257-ARM-BLB-VIG_R00
PRANCHA:	EC 257
Escala Desenho:	Indicada

MEP - Arquitetura e Planejamento Ltda. - EPP