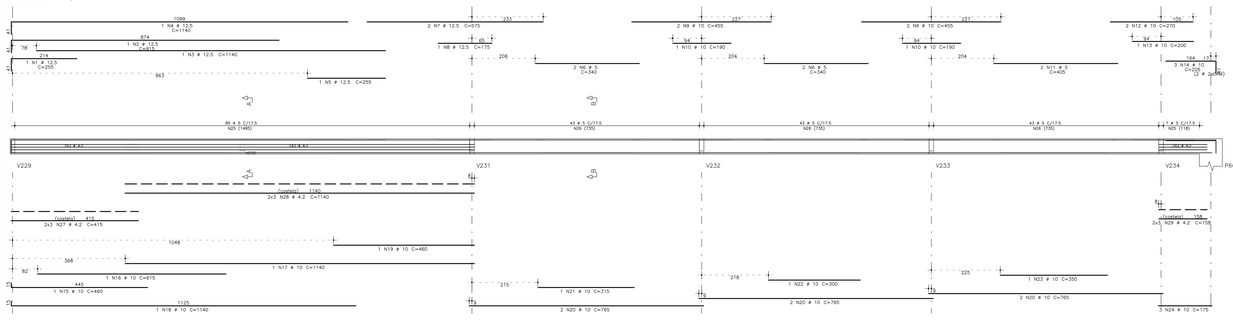
V220 20/50



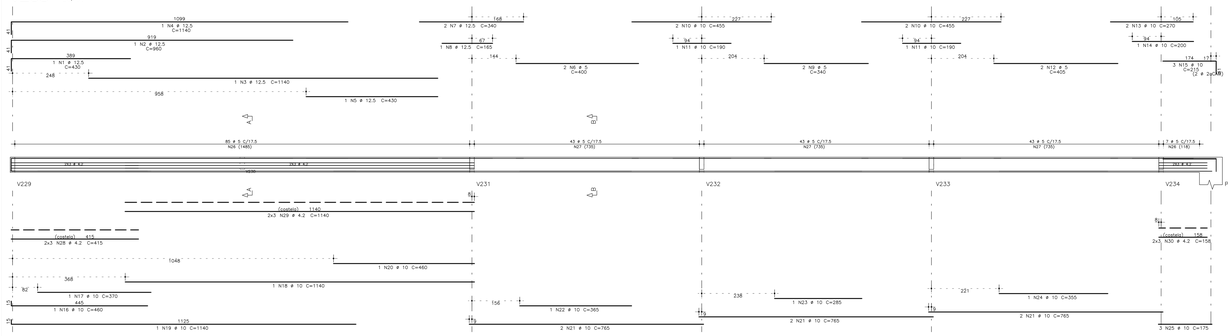
Corte A

92 N25 # 5 C=144

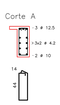
Corte B

129 N26 # 5 C=130

V203 20/50

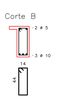


Corte A



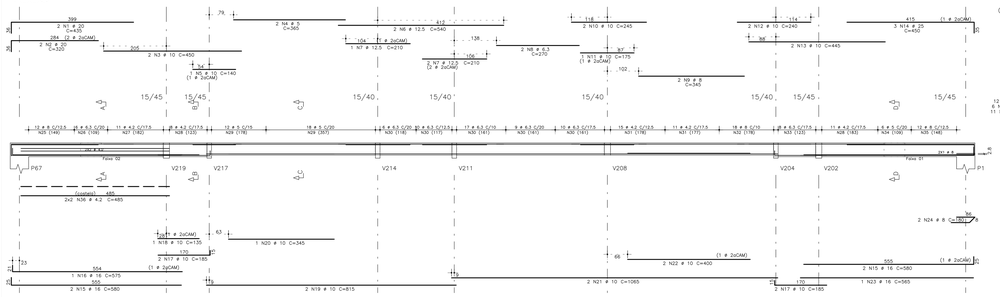
92 N26 # 5 C=144

Corte B



129 N27 # 5 C=130

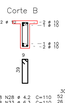
V228



Corte A

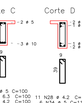
12 N25 # 8 C=121
6 N26 # 6.3 C=119
11 N27 # 4.2 C=119

Corte B



8 N28 # 4.2 C=110
8 N33 # 6.3 C=110

Corte C

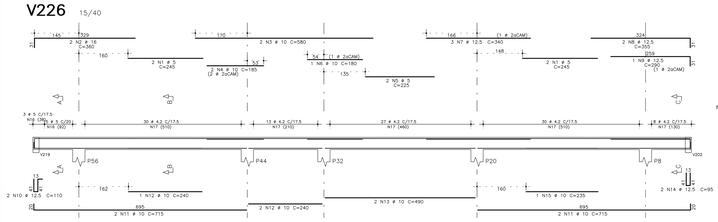


30 N29 # 5 C=100
52 N30 # 6.3 C=100
26 N31 # 4.2 C=100
18 N32 # 8 C=102

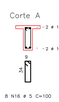
Corte D

11 N28 # 4.2 C=110
6 N34 # 5 C=110
12 N35 # 8 C=112

V226 15/40

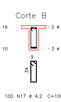


Corte A



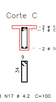
8 N16 # 5 C=100

Corte B



100 N17 # 4.2 C=100

Corte C



8 N17 # 4.2 C=100

AÇO	POS	BIT (mm)	QUANT.	COMPRIMENTO UNIT (cm)	COMPRIMENTO TOTAL (cm)
V203					
	504	1	12.5	430	430
	504	2	12.5	980	980
	504	3	12.5	1140	1140
	504	4	12.5	1140	1140
	504	5	12.5	430	430
	508	6	5	400	800
	508	7	12.5	340	680
	508	8	12.5	165	330
	508	9	5	340	680
	508	10	5	455	910
	508	11	10	190	380
	508	12	5	405	405
	508	13	10	270	540
	508	14	10	200	200
	508	15	10	270	270
	508	16	10	445	445
	508	17	10	370	370
	508	18	10	1140	1140
	508	19	10	1140	1140
	508	20	10	460	460
	508	21	10	460	460
	508	22	10	365	365
	508	23	10	285	285
	508	24	10	355	355
	508	25	10	765	7650
	508	26	5	144	13248
	508	27	5	130	16770
	508	28	5	144	13248
	508	29	4.2	158	6864
	508	30	4.2	158	948
V220					
	504	1	12.5	255	255
	504	2	12.5	915	915
	504	3	12.5	1140	1140
	504	4	12.5	1140	1140
	504	5	12.5	255	255
	504	6	5	340	680
	504	7	12.5	575	1150
	504	8	12.5	175	175
	504	9	10	455	1820
	504	10	5	340	680
	504	11	5	405	810
	504	12	10	270	540
	504	13	10	200	200
	504	14	10	225	675
	504	15	10	460	460
	504	16	10	615	615
	504	17	10	1140	1140
	504	18	10	1140	1140
	504	19	10	460	460
	504	20	10	765	4590
	504	21	10	315	315
	504	22	10	300	300
	504	23	10	350	350
	504	24	10	175	525
	508	25	5	144	13248
	508	26	5	130	16770
	508	27	5	415	3840
	508	28	4.2	1140	4845
	508	29	4.2	158	948
V229					
	508	1	5	360	1800
	508	2	5	240	1200
	508	3	10	580	1160
	508	4	5	225	450
	504	5	12.5	1020	2040
	504	6	12.5	355	710
	504	7	12.5	200	200
	504	8	12.5	110	220
	504	9	10	715	2860
	504	10	10	715	715
	504	11	10	480	480
	504	12	10	95	190
	504	13	5	120	600
	508	14	4.2	108	1080
V228					
	504	20	20	520	520
	504	2	20	480	960
	504	3	10	450	450
	504	4	10	340	340
	504	5	12.5	340	1360
	504	6	12.5	340	340
	504	7	6.3	270	540
	504	8	6.3	345	690
	504	9	8	345	345
	504	10	10	175	175
	504	11	10	240	480
	504	12	10	245	490
	504	13	10	480	1920
	504	14	10	445	1335
	504	15	10	575	575
	504	16	16	580	1160
	504	17	16	565	565
	504	18	10	135	135
	504	19	10	815	1630
	504	20	10	345	345
	504	21	10	1065	2130
	504	22	10	400	800
	504	23	10	185	370
	504	24	8	97	194
	504	25	6.3	173	173
	504	26	4.2	118	354
	504	27	4.2	118	2006
	508	28	5	100	3000
	508	29	5	100	5000
	508	30	5	100	2800
	504	31	8	102	1836
	504	32	8	102	816
	504	33	8	110	880
	504	34	8	112	1344
	504	35	8	112	560
	504	36	8	110	1760

RESUMO AÇO CA - 50/60				
AÇO	BIT (mm)	COMPR. (m)		PESO (kg)
508	4.2	353		93
508	5	721		178
508	6.3	77		29
504	8	681		269
504	10	1441		1441
504	12.5	1441		1441
504	16	15		38
508	20	14		34
Peso 5000		504 =		553 kg
Peso Total		504 +		608 kg

Peso Aço = 763 Kg
TOTAL CONCRETO VIGAS TÉRREO= 77,1 m3
TOTAL DE FORMA VIGAS TÉRREO= 580 m²

NOTA:
-O RESUMO DA ARMADURA NÃO INCLUI PERDAS

COMENTÁRIOS		
ITEM	DESCRIÇÃO	DATA
00	EMISSÃO INICIAL	10/07/2013
01	AJUSTES DEVIDO A NOVA ARQUITETURA	30/09/2013
02	INDICAÇÃO DE ART	13/03/2014

RESPONSÁVEIS TÉCNICOS		
PROJETO	ENGº MARCIO ARAUJO MORTONI SILVA	CREA: 5115/D-RN
	ART Nº 2720140021480	
FISCALIZAÇÃO	ARQº RENATO BARBOSA	CAU A 68875-4

POWER ENGENHARIA
PROJETOS E CONSULTORIA SUPLEMENTAR

BRASÍLIA – DF

ENDEREÇO	QE 23, ÁREA ESPECIAL 01, GUARÁ
PROPRIETÁRIO	COMPANHIA URBANIZADORA DA NOVA CAPITAL DO BRASIL
AUTOR DO PROJETO	POWER ENGENHARIA, COMÉRCIO E SERVIÇOS LTDA
RESPONSÁVEL TÉCNICO	

PROPRIETÁRIO

AUTOR DO PROJETO — CREA: 3674/RF

RESPONSÁVEL TÉCNICO — CREA

CREA

CALCULO ESTRUTURAL

SIGLA	REFORMA E REVITALIZAÇÃO DO ESTÁDIO DO CANÉ	DESENHO Nº
CE	VESTÁRIO E ADMINISTRAÇÃO VIGAS TÉRREO 02	09/19

DATA	ESC. DESENHO	PROJETO
SETEMBRO/2013	1:100	ADIMENSIONAL

PROJETO EXECUTIVO