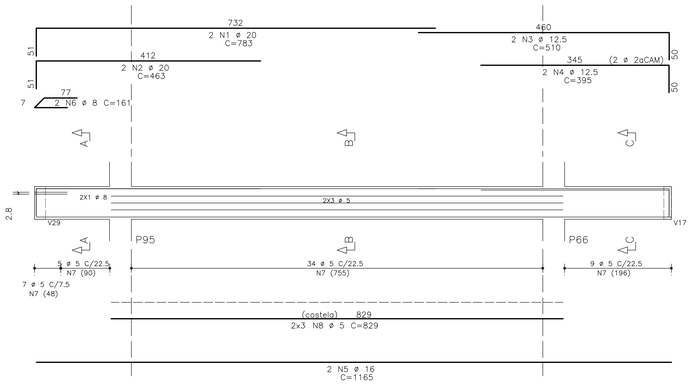
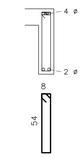
ARMAÇÃO DE VIGAS DO PAV +1

V47 14X60

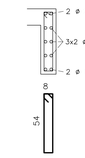


Corte A



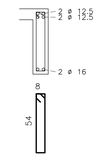
12 N7 ø 5 C=138

Corte B



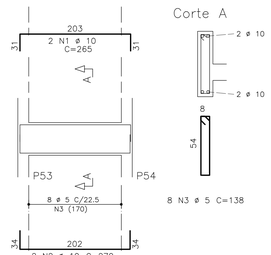
34 N7 ø 5 C=138

Corte C



9 N7 ø 5 C=138

V80 14X60



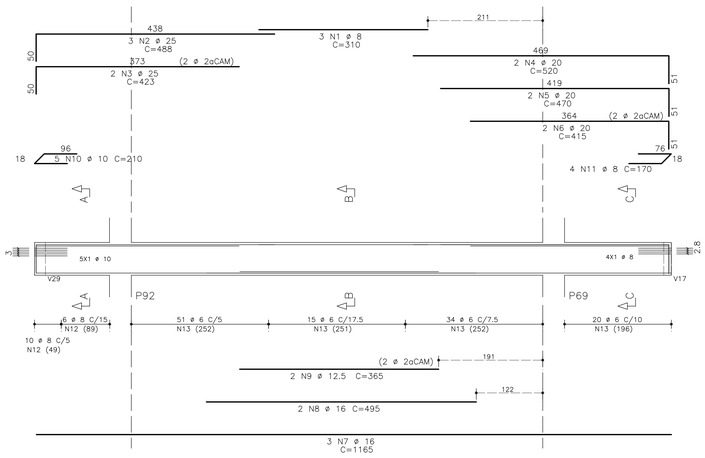
Corte A

8 N3 ø 5 C=138

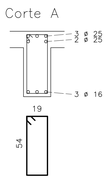
	AÇO	POS	BIT (mm)	QUANT	COMPRIMENTO UNIT (cm)	COMPRIMENTO TOTAL (cm)
V47						
	50	1	20	2	783	1566
	50	2	20	2	463	926
	50	3	12.5	2	510	1020
	50	4	12.5	2	395	790
	50	5	16	2	1165	2330
	50	6	8	2	161	322
	60	7	5	55	138	7590
	60	8	5	6	829	4974
V48						
	50	1	8	3	310	930
	50	2	25	3	488	1464
	50	3	25	2	423	846
	50	4	20	2	520	1040
	50	5	20	2	470	940
	50	6	20	2	415	830
	50	7	16	3	1165	3495
	50	8	16	2	495	990
	50	9	12.5	2	365	730
	50	10	10	5	210	1050
	50	11	8	4	170	680
	50	12	8	16	168	2688
	60	13	6	120	163	19560
V49						
	50	1	8	3	290	870
	50	2	25	3	508	1524
	50	3	25	6	448	2688
	50	4	25	3	527	1581
	50	5	16	3	1165	3495
	50	6	16	2	815	1630
	50	7	12.5	2	380	760
	50	8	10	5	210	1050
	50	9	8	4	170	680
	50	10	8	17	168	2856
	60	11	6	120	163	19560
V59						
	50	1	20	2	1052	2104
	50	2	16	2	330	660
	50	3	10	2	215	430
	50	4	10	2	415	830
	50	5	8	2	335	670
	50	6	10	2	835	1670
	50	7	10	2	615	1230
	60	8	5	50	138	6900
	60	9	5	6	827	4962
V64						
	50	1	8	2	220	440
	50	2	20	2	497	994
	50	3	20	2	417	834
	50	4	25	2	493	986
	50	5	25	2	388	776
	50	6	16	2	1054	2108
	50	7	16	2	725	1450
	50	8	8	3	161	483
	50	9	10	6	195	1170
	60	10	5	70	138	9660
	50	11	8	28	146	4088
V80						
	50	1	10	2	265	530
	50	2	10	2	270	540
	60	3	5	8	138	1104

RESUMO AÇO CA 50-60			
AÇO	BIT (mm)	COMPR (m)	PESO (kg)
60	5	352	56
60	6	391	87
50	8	147	59
50	10	85	54
50	12.5	33	33
50	16	162	259
50	20	92	231
50	25	99	395
Peso Total	60 =		143 kg
Peso Total	50 =		1029 kg

V48 25X60

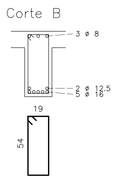


Corte A



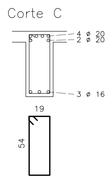
16 N12 ø 8 C=168

Corte B



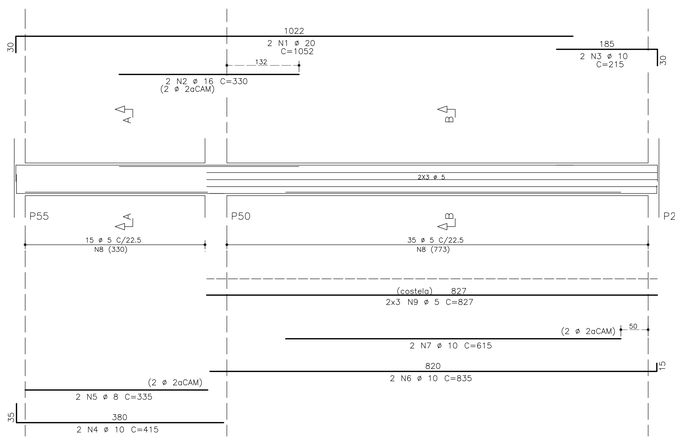
100 N13 ø 6 C=163

Corte C

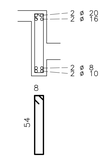


20 N13 ø 6 C=163

V59 14X60

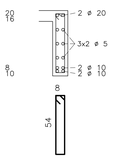


Corte A



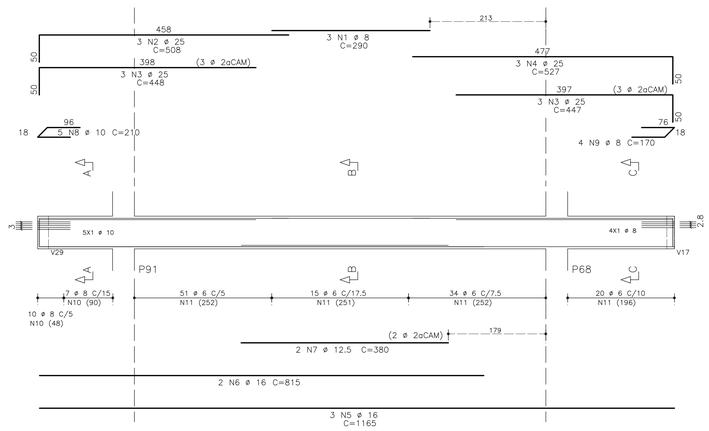
15 N8 ø 5 C=138

Corte B

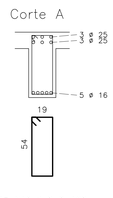


35 N8 ø 5 C=138

V49 25X60

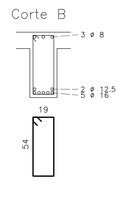


Corte A



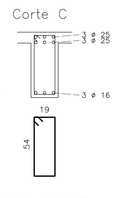
17 N10 ø 8 C=168

Corte B



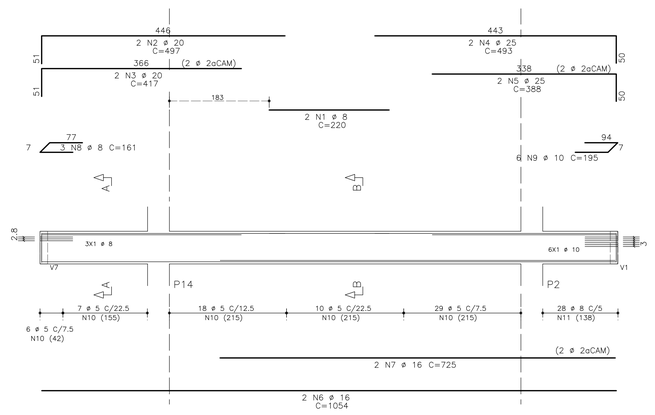
100 N11 ø 6 C=163

Corte C

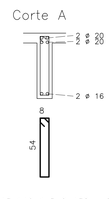


20 N11 ø 6 C=163

V64 14X60

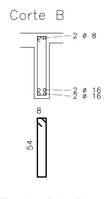


Corte A



13 N10 ø 5 C=138

Corte B



57 N10 ø 5 C=138
28 N11 ø 8 C=146

REPRESENTANTE LEGAL: GUSTAVO F. R. COELHO
CIC Nº 365.873.624-00

RUI NUNES REGO FILHO
ENGENHEIRO CIVIL - CREA 2105077943

RESPONSÁVEL PELA OBRA

UNIVERSIDADE FEDERAL DO RIO GRANDE DO NORTE
Superintendência de Infra-estrutura

SUPERINTENDENTE: ENG. GUSTAVO FERNANDES ROSADO COELHO	CIC Nº: 365.873.624-00
AUTOR DO PROJETO: RUI NUNES REGO FILHO	CREA Nº: 2105077943

PROJETO: ESTRUTURAL - CONCRETO ARMADO

LOCAL: CAMPUS CENTRAL DA UFRN - AV. SEN. SALGADO FILHO - 3000 - 59078-970 - NATAL - RN

OBRA: INSTITUTO DO CÉREBRO

ASSUNTO: ARMAÇÃO DE VIGAS DO PAV +1

DATA	ESCALA(S)	Resistência Característica à Compressão do Concreto	PRANCHA Nº
27/08/2014	1:50	Fck = 30 MPa	69/144

OBSERVAÇÕES
INFORMAÇÕES TÉCNICAS:
MÓDULO DE ELASTICIDADE SECANTE DO CONCRETO: 26071 MPa
AÇO: CA-50A / 60B
DÚVIDAS SOBRE O PROJETO: CONTATE O(A) ENGENHEIRO(A) - UFRN/SIN - TEL.: 3215 3162
DIREITOS AUTORAIS RESERVADOS - PROIBIDA QUALQUER MODIFICAÇÃO OU REPRODUÇÃO NO TODO OU EM PARTE, SEM PRÉVIO CONSENTIMENTO DO AUTOR, DE ACORDO COM A LEI FEDERAL 9.610/98.

Plotagem
Esc.: 1/100
Penas
1–0.15 **6–0.45**
2–0.25 7–0.25
3–0.25 8–0.25
4–0.25 9–0.25
5–0.25 10–0.25

FR:85x70