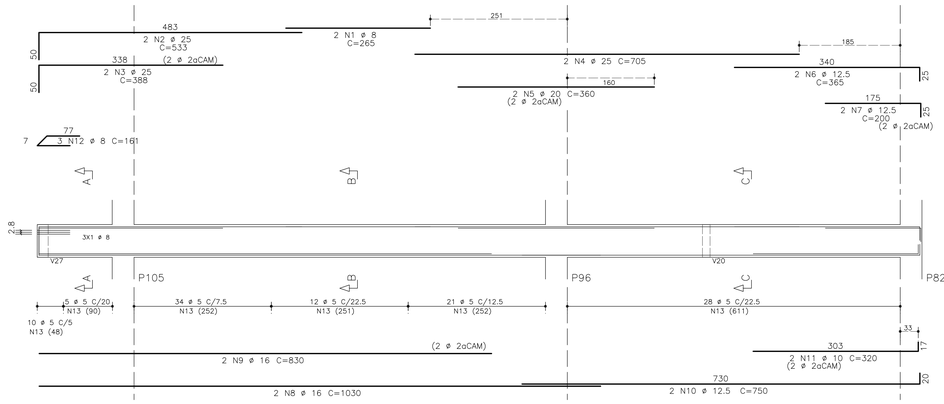
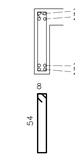
ARMAÇÃO DE VIGAS DO PAV +1

V41 14X60



Corte A



15 N13 ø 5 C=138

Corte B



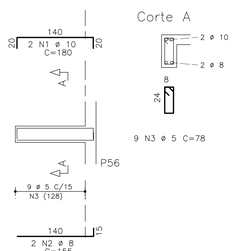
67 N13 ø 5 C=138

Corte C



28 N13 ø 5 C=138

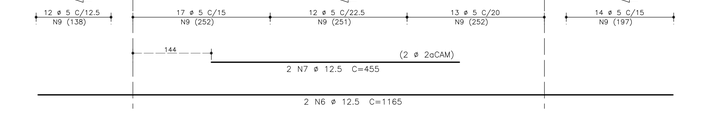
V53 14X30



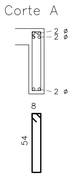
Corte A

9 N3 ø 5 C=78

V42 14X60

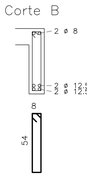


Corte A



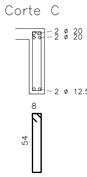
12 N9 ø 5 C=138

Corte B



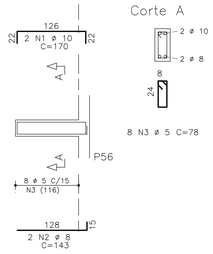
42 N9 ø 5 C=138

Corte C



14 N9 ø 5 C=138

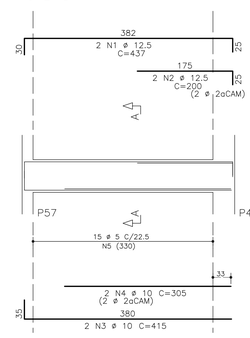
V55 14X30



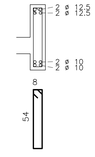
Corte A

8 N3 ø 5 C=78

V56 14X60

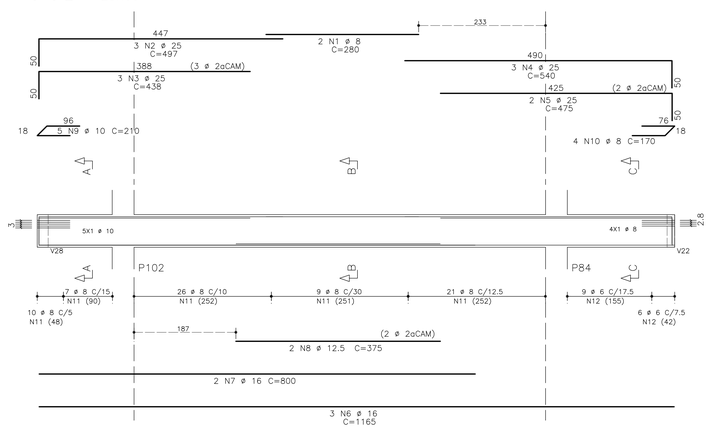


Corte A

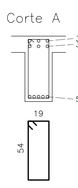


15 N5 ø 5 C=138

V43 25X60

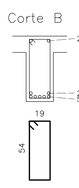


Corte A



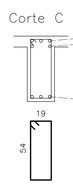
17 N11 ø 8 C=168

Corte B



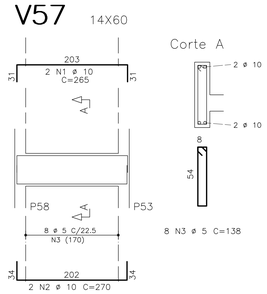
56 N11 ø 8 C=168

Corte C



15 N12 ø 6 C=163

V57 14X60



Corte A

8 N3 ø 5 C=138

AÇO	POS	BIT (mm)	QUANT	COMPRIMENTO UNIT (cm)	COMPRIMENTO TOTAL (cm)
V41					
50	1	8	2	265	530
50	2	25	2	533	1066
50	3	25	2	388	776
50	4	25	2	705	1410
50	5	20	2	360	720
50	6	12.5	2	365	730
50	7	12.5	2	200	400
50	8	16	2	1030	2060
50	9	16	2	830	1660
50	10	12.5	2	750	1500
50	11	10	2	320	640
50	12	8	3	161	483
60	13	5	110	138	15180
V42					
50	1	8	2	340	680
50	2	20	2	463	926
50	3	16	2	358	716
50	4	20	2	520	1040
50	5	20	2	420	840
50	6	12.5	2	1165	2330
50	7	12.5	2	455	910
50	8	8	4	161	644
60	9	5	68	138	9384
V43					
50	1	8	2	280	560
50	2	25	3	497	1491
50	3	25	3	438	1314
50	4	25	3	540	1620
50	5	25	2	475	950
50	6	16	3	1165	3495
50	7	16	2	800	1600
50	8	12.5	2	375	750
50	9	10	5	210	1050
50	10	8	4	170	680
50	11	8	73	168	12264
60	12	6	15	163	2445
V53					
50	1	10	2	180	360
50	2	8	2	155	310
60	3	5	9	78	702
V55					
50	1	10	2	170	340
50	2	8	2	143	286
60	3	5	8	78	624
V56					
50	1	12.5	2	437	874
50	2	12.5	2	200	400
50	3	10	2	415	830
50	4	10	2	305	610
60	5	5	15	138	2070
V57					
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	291	47
60	6	24	5
50	8	164	66
50	10	49	31
50	12.5	79	79
50	16	95	152
50	20	35	88
50	25	86	345
Peso Total	60 =		52 kg
Peso Total	50 =		761 kg

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	67 /144

OBSERVAÇÕES
INFORMAÇÕES TÉCNICAS:
MÓDULO DE ELASTICIDADE SEGANTE 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

PR:55x70