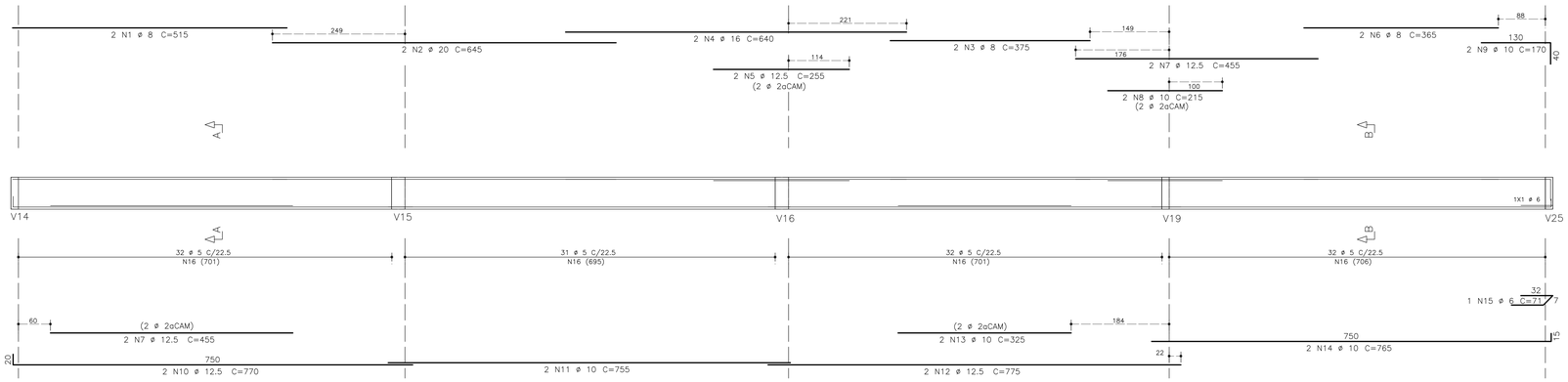
ARMAÇÃO DE VIGAS DO PAV -2

V12 14X60

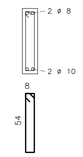


Corte A



95 N16 ø 5 C=138

Corte B

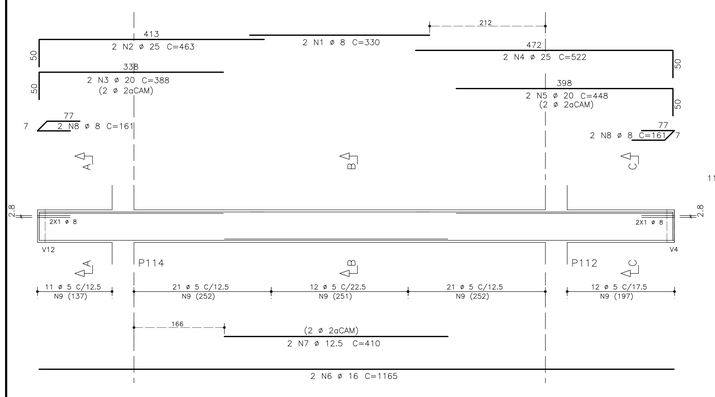


32 N16 ø 5 C=138

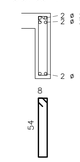
AÇO	POS	BIT (mm)	QUANT	COMPRIMENTO UNIT (cm)	COMPRIMENTO TOTAL (cm)
V12					
50	1	8	2	515	1030
50	2	20	2	645	1290
50	3	8	2	375	750
50	4	16	2	640	1280
50	5	12.5	2	255	510
50	6	8	2	365	730
50	7	12.5	4	455	1820
50	8	10	2	215	430
50	9	10	2	170	340
50	10	12.5	2	770	1540
50	11	10	2	755	1510
50	12	12.5	2	775	1550
50	13	10	2	325	650
50	14	10	2	765	1530
60	15	6	1	71	71
60	16	5	127	138	17526
V14					
50	1	8	2	330	660
50	2	25	2	463	926
50	3	20	2	388	776
50	4	25	2	522	1044
50	5	20	2	448	896
50	6	16	2	1165	2330
50	7	12.5	2	410	820
50	8	8	4	161	644
60	9	5	77	138	10626
V15					
50	1	8	2	275	550
50	2	25	3	493	1479
50	3	25	3	388	1164
50	4	25	3	548	1644
50	5	25	2	478	956
50	6	20	2	1165	2330
50	7	16	2	405	810
50	8	20	2	760	1520
50	9	10	7	210	1470
60	10	6	54	163	8802
50	11	8	69	168	11592
V16					
50	1	8	2	275	550
50	2	25	3	488	1464
50	3	25	3	438	1314
50	4	25	3	558	1674
50	5	25	3	447	1341
50	6	20	2	1164	2328
50	7	16	2	400	800
50	8	20	2	755	1510
50	9	10	4	210	840
50	10	8	4	170	680
60	11	6	55	163	8965
50	12	8	64	168	10752
V17					
50	1	10	2	512	1024
50	2	12.5	2	490	980
60	3	5	20	138	2760

RESUMO AÇO CA 50-60			
AÇO	BIT (mm)	COMPR (m)	PESO (kg)
60	5	309	49
60	6	178	40
50	8	279	112
50	10	78	49
50	12.5	72	72
50	16	52	84
50	20	107	266
50	25	130	520
Peso Total	60 =		89 kg
Peso Total	50 =		1103 kg

V14 14X60

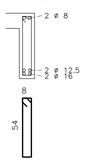


Corte A



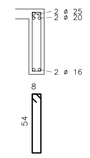
11 N9 ø 5 C=138

Corte B



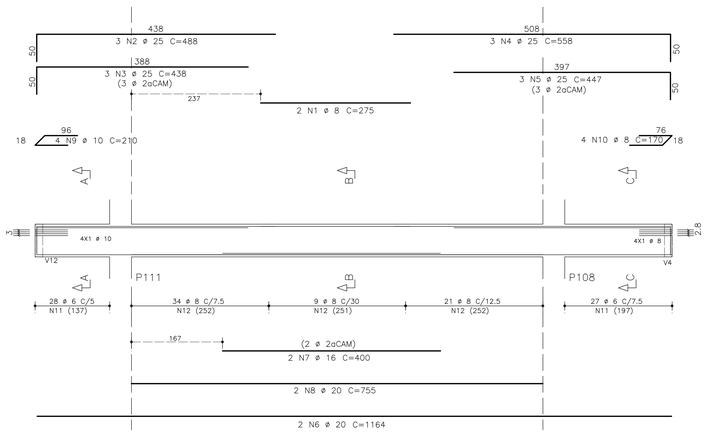
54 N9 ø 5 C=138

Corte C

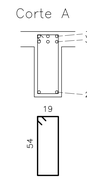


12 N9 ø 5 C=138

V16 25X60

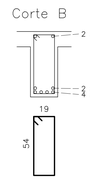


Corte A



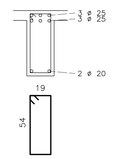
28 N11 ø 6 C=163

Corte B



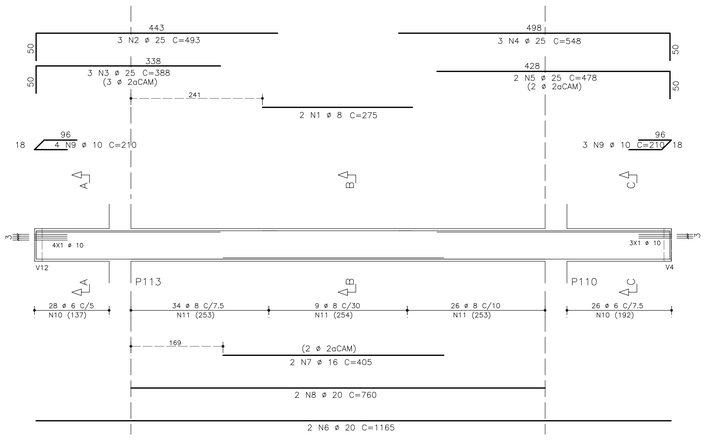
64 N12 ø 8 C=168

Corte C

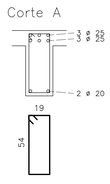


27 N11 ø 6 C=163

V15 25X60

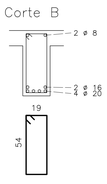


Corte A



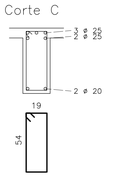
28 N10 ø 6 C=163

Corte B



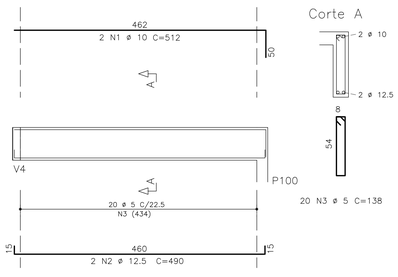
69 N11 ø 8 C=168

Corte C



26 N10 ø 6 C=163

V17 14X60



Corte A

20 N3 ø 5 C=138

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 -2

DATA	ESCALA(S)	Resistência Característica à Compressão do Concreto:	PRANCHA Nº
27/08/2014	1:50	Fck = 30 MPa	31 /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

PR.65x70