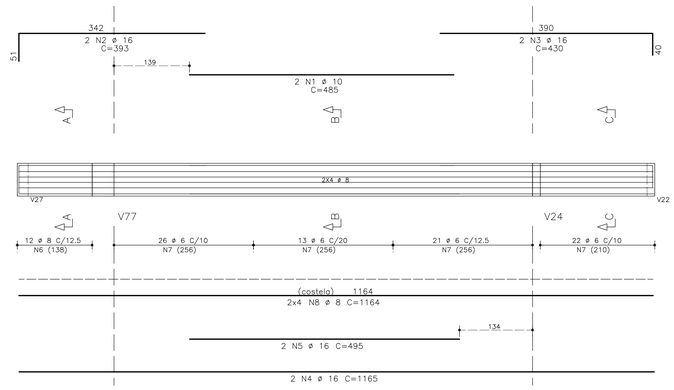
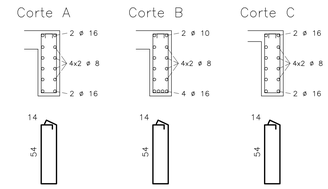
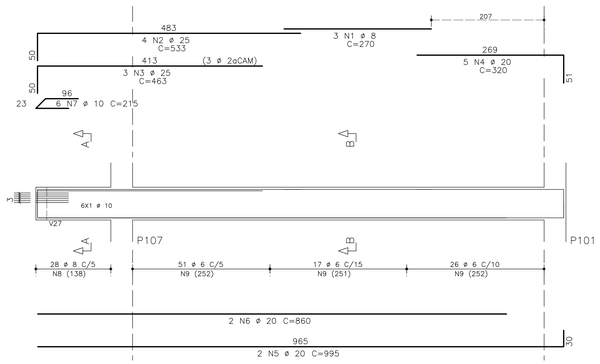
ARMAÇÃO DE VIGAS DO PAV +2

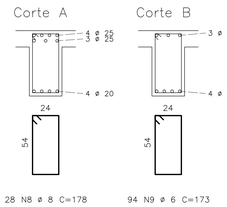
V30 20X60



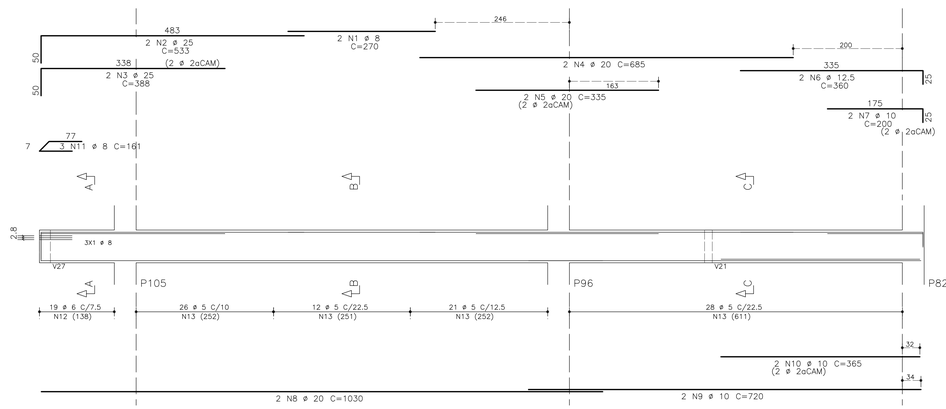


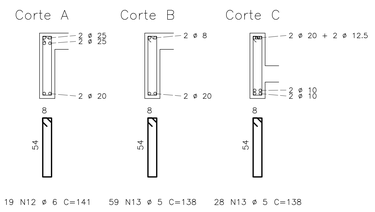
V35 30X60



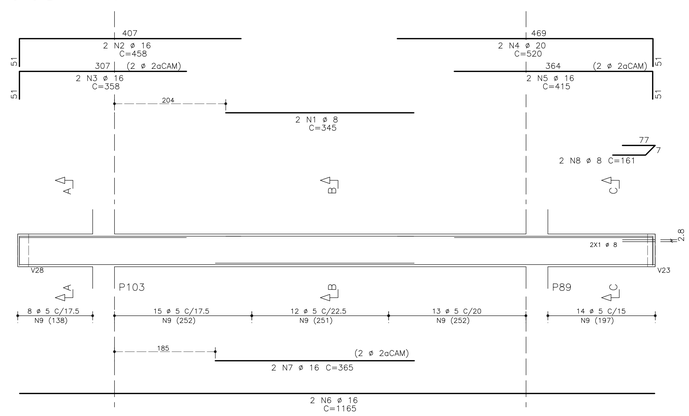


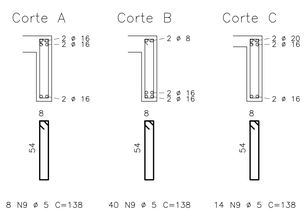
V39 14X60



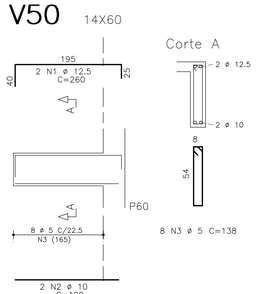


V40 14X60

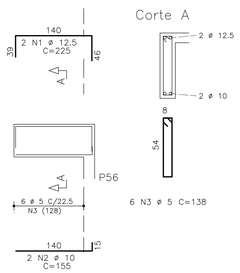




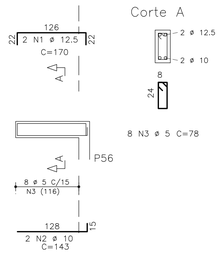
V50 14X60



V52 14X60



V54 14X30



	AÇO	POS	BIT (mm)	QUANT	COMPRIMENTO UNIT (cm)	COMPRIMENTO TOTAL (cm)
V30						
	50	1	10	2	485	970
	50	2	16	2	393	786
	50	3	16	2	430	860
	50	4	16	2	1165	2330
	50	5	16	2	495	990
	50	6	8	12	172	2064
	60	7	6	82	167	13694
	50	8	8	8	1164	9312
V35						
	50	1	8	3	270	810
	50	2	25	4	533	2132
	50	3	25	3	463	1389
	50	4	20	5	320	1600
	50	5	20	2	995	1990
	50	6	20	2	860	1720
	50	7	10	6	215	1290
	50	8	8	28	178	4984
	60	9	6	94	173	16262
V39						
	50	1	8	2	270	540
	50	2	25	2	533	1066
	50	3	25	2	388	776
	50	4	20	2	685	1370
	50	5	20	2	335	670
	50	6	12.5	2	360	720
	50	7	10	2	200	400
	50	8	20	2	1030	2060
	50	9	10	2	720	1440
	50	10	10	2	365	730
	50	11	8	3	161	483
	60	12	6	19	141	2679
	60	13	5	87	138	12006
V40						
	50	1	8	2	345	690
	50	2	16	2	458	916
	50	3	16	2	358	716
	50	4	20	2	520	1040
	50	5	16	2	415	830
	50	6	16	2	1165	2330
	50	7	16	2	365	730
	50	8	8	2	161	322
	60	9	5	62	138	8556
V50						
	50	1	12.5	2	260	520
	50	2	10	2	190	380
	60	3	5	8	138	1104
V52						
	50	1	12.5	2	225	450
	50	2	10	2	155	310
	60	3	5	6	138	828
V54						
	50	1	12.5	2	170	340
	50	2	10	2	143	286
	60	3	5	8	78	624

RESUMO AÇO CA 50-60

AÇO	BIT (mm)	COMPR (m)	PESO (kg)
60	5	231	37
60	6	326	72
50	8	192	77
50	10	58	37
50	12.5	20	20
50	16	105	168
50	20	105	261
50	25	54	215
Peso Total	60 =		109 kg
Peso Total	50 =		777 kg

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

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	**79/144**

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.

PR:85x70