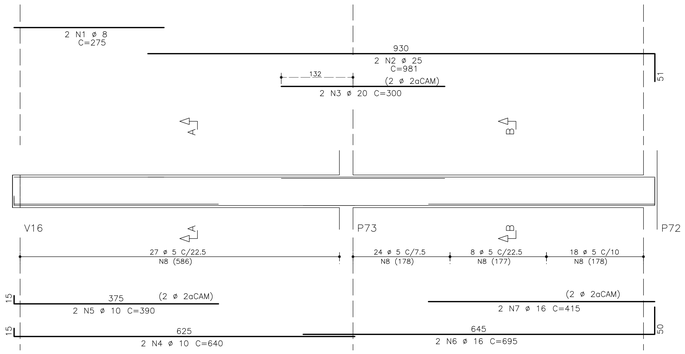
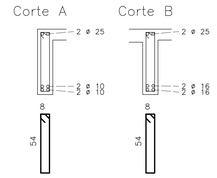
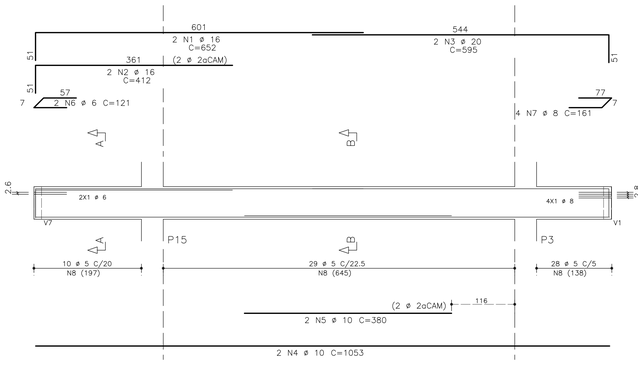
ARMAÇÃO DE VIGAS DO PAV +2

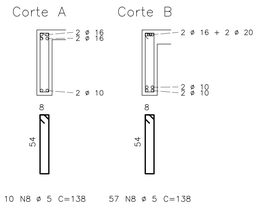
V59 14X60



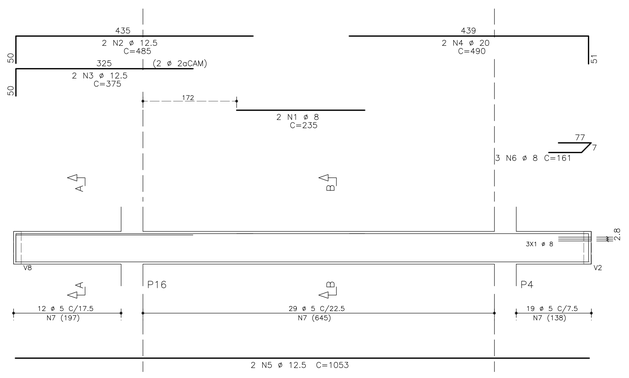


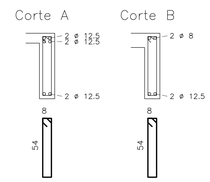
V64 14X60



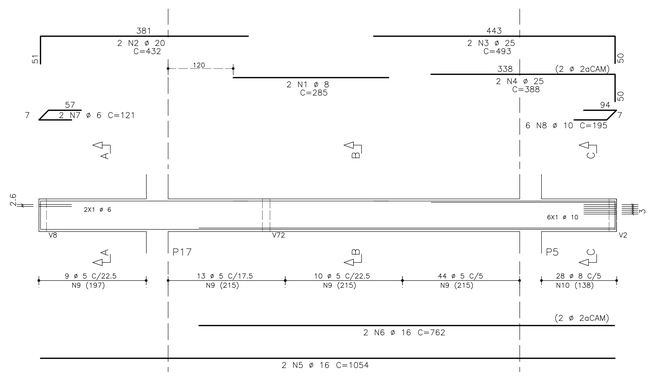


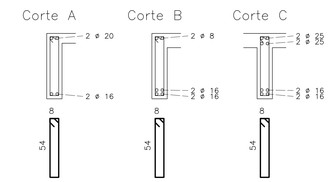
V65 14X60



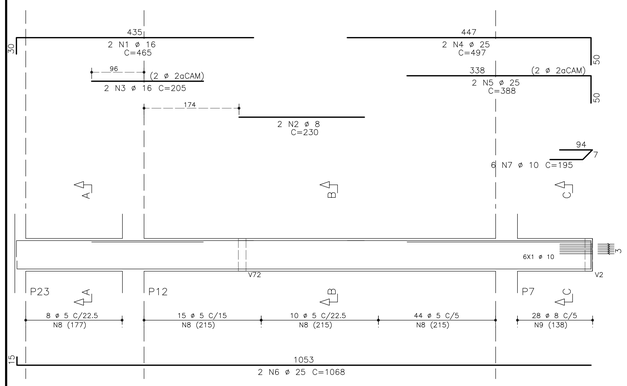


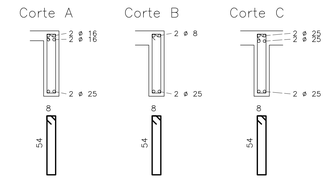
V66 14X60



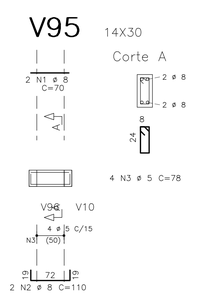


V68 14X60

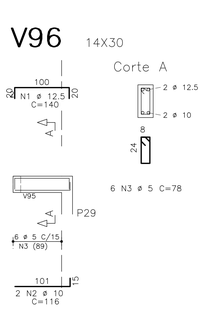




V95 14X30



V96 14X30



	AÇO	POS	BIT (mm)	QUANT	COMPRIMENTO UNIT (cm)	COMPRIMENTO TOTAL (cm)
V59						
	50	1	8	2	275	550
	50	2	25	2	981	1962
	50	3	20	2	300	600
	50	4	10	2	640	1280
	50	5	10	2	390	780
	50	6	16	2	695	1390
	50	7	16	2	415	830
	60	8	5	77	138	10626
V64						
	50	1	16	2	652	1304
	50	2	16	2	412	824
	50	3	20	2	595	1190
	50	4	10	2	1053	2106
	50	5	10	2	380	760
	60	6	6	2	121	242
	50	7	8	4	161	644
	60	8	5	67	138	9246
V65						
	50	1	8	2	235	470
	50	2	12.5	2	485	970
	50	3	12.5	2	375	750
	50	4	20	2	490	980
	50	5	12.5	2	1053	2106
	50	6	8	3	161	483
	60	7	5	60	138	8280
V66						
	50	1	8	2	285	570
	50	2	20	2	432	864
	50	3	25	2	493	986
	50	4	25	2	388	776
	50	5	16	2	1054	2108
	50	6	16	2	762	1524
	60	7	6	2	121	242
	50	8	10	6	195	1170
	60	9	5	76	138	10488
	50	10	8	28	146	4088
V68						
	50	1	16	2	465	930
	50	2	8	2	230	460
	50	3	16	2	205	410
	50	4	25	2	497	994
	50	5	25	2	388	776
	50	6	25	2	1068	2136
	50	7	10	6	195	1170
	60	8	5	77	138	10626
	50	9	8	28	146	4088
V95						
	50	1	8	2	70	140
	50	2	8	2	110	220
	60	3	5	4	78	312
V96						
	50	1	12.5	2	140	280
	50	2	10	2	116	232
	60	3	5	6	78	468

RESUMO AÇO CA 50-60

AÇO	BIT (mm)	COMPR (m)	PESO (kg)
60	5	500	80
60	6	5	1
50	8	117	47
50	10	75	47
50	12.5	41	41
50	16	93	149
50	20	36	91
50	25	76	305
Peso Total	60 =		81 kg
Peso Total	50 =		680 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	83/144

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