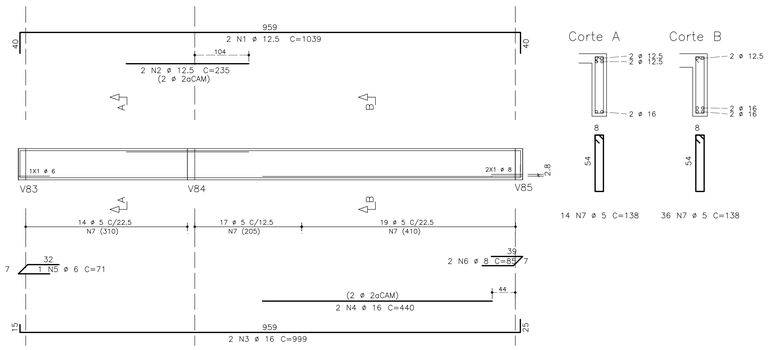
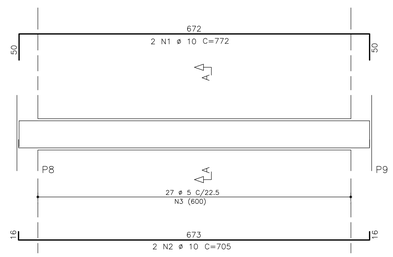
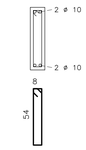
ARMAÇÃO DE VIGAS DO PAV 0

V1 14X60

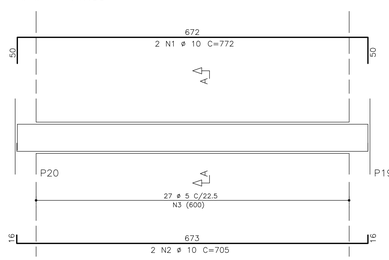


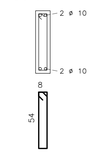
V4 14X60



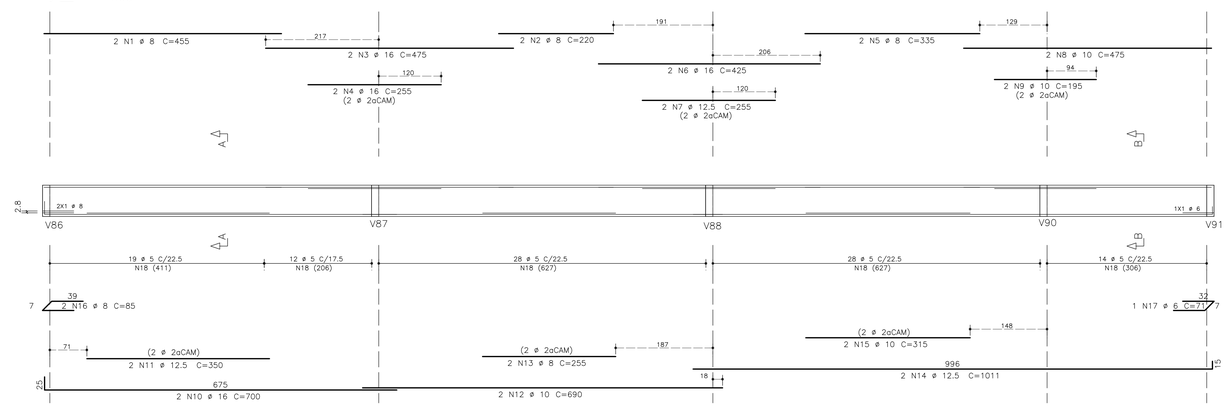


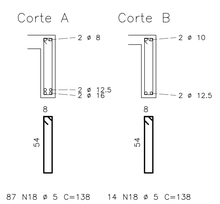
V7 14X60



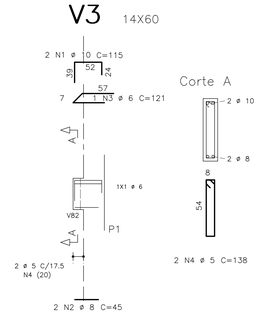


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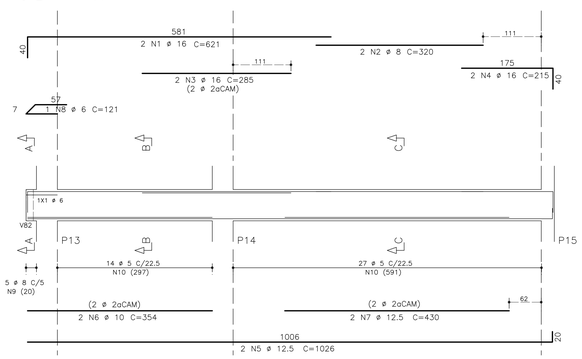


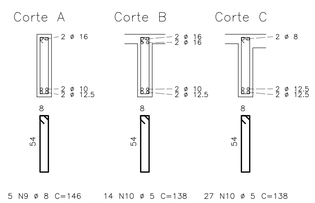


V3 14X60

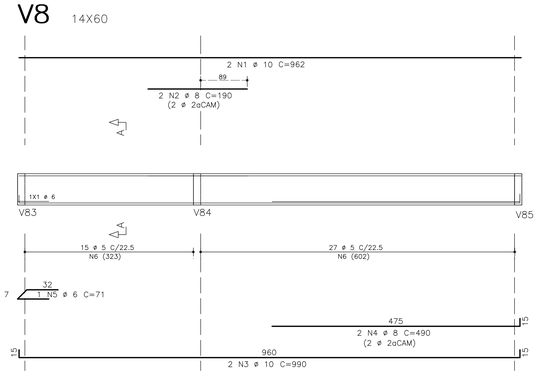


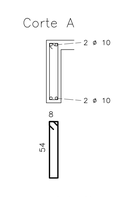
V5 14X60





V8 14X60





	AÇO	POS	BIT (mm)	QUANT	COMPRIMENTO UNIT (cm)	COMPRIMENTO TOTAL (cm)
V1						
	50	1	12.5	2	1039	2078
	50	2	12.5	2	235	470
	50	3	16	2	999	1998
	50	4	16	2	440	880
	60	5	6	1	71	71
	50	6	8	2	85	170
	60	7	5	50	138	6900
V2						
	50	1	8	2	455	910
	50	2	8	2	220	440
	50	3	16	2	475	950
	50	4	16	2	255	510
	50	5	8	2	335	670
	50	6	16	2	425	850
	50	7	12.5	2	255	510
	50	8	10	2	475	950
	50	9	10	2	195	390
	50	10	16	2	700	1400
	50	11	12.5	2	350	700
	50	12	10	2	690	1380
	50	13	8	2	255	510
	50	14	12.5	2	1011	2022
	50	15	10	2	315	630
	50	16	8	2	85	170
	60	17	6	1	71	71
	60	18	5	101	138	13938
V3						
	50	1	10	2	115	230
	50	2	8	2	45	90
	60	3	6	1	121	121
	60	4	5	2	138	276
V4						
	50	1	10	2	772	1544
	50	2	10	2	705	1410
	60	3	5	27	138	3726
V5						
	50	1	16	2	621	1242
	50	2	8	2	320	640
	50	3	16	2	285	570
	50	4	16	2	215	430
	50	5	12.5	2	1026	2052
	50	6	10	2	354	708
	50	7	12.5	2	430	860
	60	8	6	1	121	121
	50	9	8	5	146	730
	60	10	5	41	138	5658
V7						
	50	1	10	2	772	1544
	50	2	10	2	705	1410
	60	3	5	27	138	3726
V8						
	50	1	10	2	962	1924
	50	2	8	2	190	380
	50	3	10	2	990	1980
	50	4	8	2	490	980
	60	5	6	1	71	71
	60	6	5	42	138	5796

RESUMO AÇO CA 50-60			
AÇO	BIT (mm)	COMPR (m)	PESO (kg)
60	5	400	64
60	6	5	1
50	8	57	23
50	10	141	89
50	12.5	87	87
50	16	88	141
Peso Total	60 =		65 kg
Peso Total	50 =		340 kg

Plotagem	
Esc.:	1/100
Penas	
1-0.15	6-0.40
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 0

DATA	ESCALA(S)	Resistência Característica à Compressão do Concreto	PRANCHA Nº
27/08/2014	1:50	Fck = 30 MPa	46/144

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-97x70