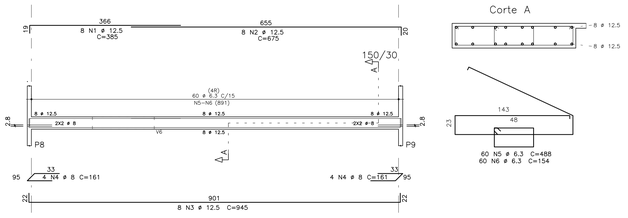
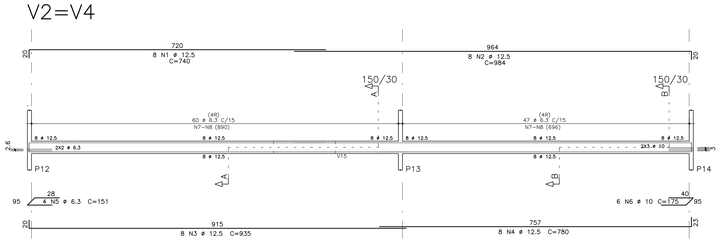
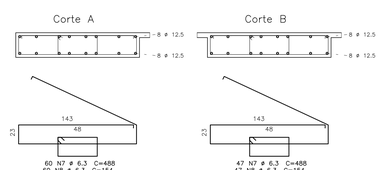
V1=V3

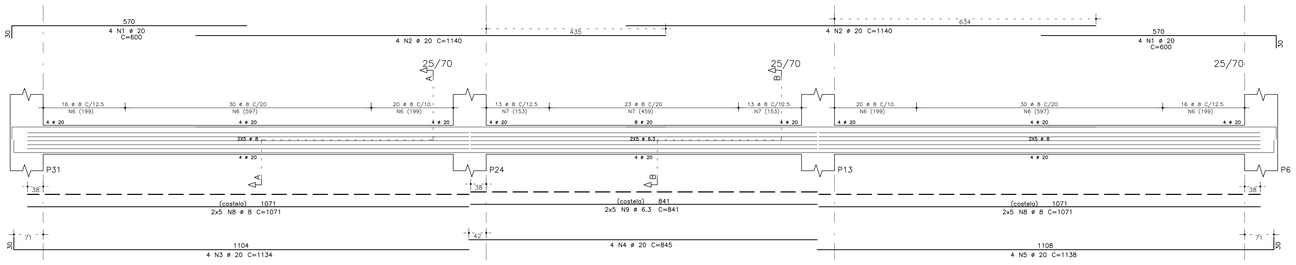


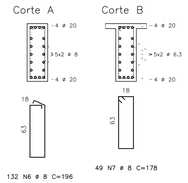
V2=V4



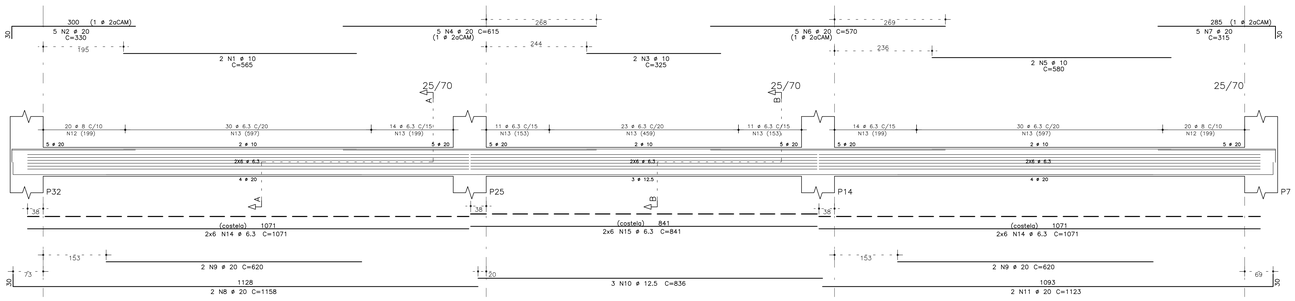


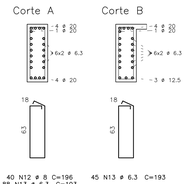
V16



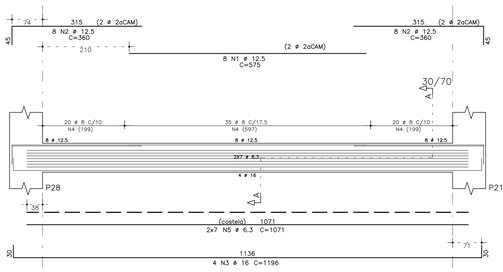


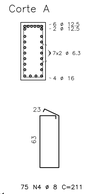
V17



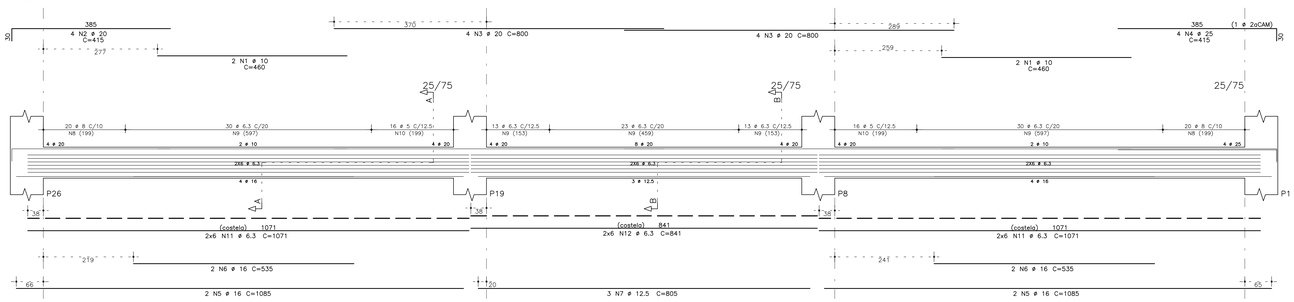


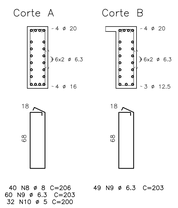
V9 a V12



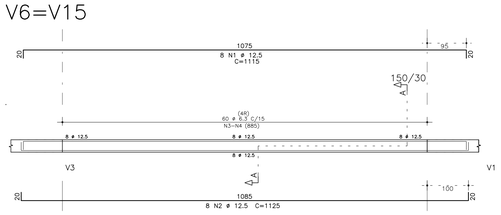


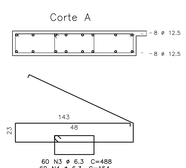
V5



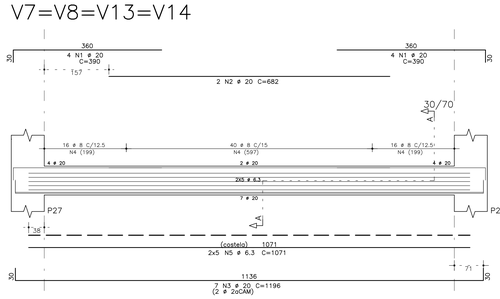


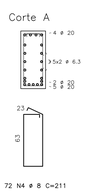
V6=V15





V7=V8=V13=V14





AÇO	POS	BIT (mm)	QUANT	COMPRIMENTO UNIT (cm)	COMPRIMENTO TOTAL (cm)
V1=V3 (X2)					
50A	1	12.5	16	385	6160
50A	2	12.5	16	675	10800
50A	3	12.5	16	945	15120
50A	4	8	16	161	2576
50A	5	6.3	120	488	58560
50A	6	6.3	120	154	18480
V16					
50A	1	20	8	600	4800
50A	2	20	8	1140	9120
50A	3	20	4	1134	4536
50A	4	20	4	845	3380
50A	5	20	4	1138	4552
50A	6	8	134	196	25872
50A	7	8	49	178	8722
50A	8	8	20	1071	21420
50A	9	6.3	10	841	8410
V17					
50A	1	10	2	565	1130
50A	2	20	5	330	1650
50A	3	10	2	325	650
50A	4	20	5	615	3075
50A	5	10	2	580	1160
50A	6	20	5	570	2850
50A	7	20	5	315	1575
50A	8	20	2	1158	2316
50A	9	20	4	620	2480
50A	10	12.5	3	836	2508
50A	11	20	2	1123	2246
50A	12	8	40	196	7840
50A	13	6.3	133	193	25669
50A	14	6.3	24	1071	25704
50A	15	6.3	12	841	10092
V2=V4 (X2)					
50A	1	12.5	16	740	11840
50A	2	12.5	16	984	15744
50A	3	12.5	16	935	14960
50A	4	12.5	16	780	12480
50A	5	6.3	8	151	1208
50A	6	10	12	175	2100
50A	7	6.3	214	488	104432
50A	8	6.3	214	154	32956
V5					
50A	1	10	4	460	1840
50A	2	20	4	415	1660
50A	3	20	8	800	6400
50A	4	25	4	415	1660
50A	5	16	4	1085	4340
50A	6	16	4	535	2140
50A	7	12.5	3	805	2415
50A	8	8	40	206	8240
50A	9	6.3	109	203	22127
60B	10	5	32	200	6400
50A	11	6.3	24	1071	25704
50A	12	6.3	12	841	10092
V6=V15 (X2)					
50A	1	12.5	16	1115	17840
50A	2	12.5	16	1125	18000
50A	3	6.3	120	488	58560
50A	4	6.3	120	154	18480
V7=V8=V13=V14 (X4)					
50A	1	20	32	390	12480
50A	2	20	8	682	5456
50A	3	20	28	1196	33488
50A	4	8	288	211	60768
50A	5	6.3	40	1071	42840
V9 a V12 (X4)					
50A	1	12.5	32	575	18400
50A	2	12.5	64	360	23040
50A	3	16	16	1196	19136
50A	4	8	300	211	63300
50A	5	6.3	56	1071	59976

RESUMO AÇO CA 50-60

AÇO	BIT (mm)	COMPR (m)	PESO (kg)
60B	5	64	10
50A	6.3	5233	1308
50A	8	1987	795
50A	10	69	43
50A	12.5	1693	1693
50A	16	256	410
50A	20	1021	2552
50A	25	17	66
Peso Total		60B =	10 kg
Peso Total		50A =	6867 kg

REVISÃO	RESPONSAVEL	ASSUNTO	DATA
02	–	–	–
01	–	–	–
00	JM	EMISSÃO INICIAL	11/02/2011

FNDE Fundo Nacional de Desenvolvimento da Educação

Ministério da Educação

INSTITUTO FEDERAL DE EDUCAÇÃO, CIÊNCIA E TECNOLOGIA ALAGOAS

PRONATEC - PROJETO EXECUTIVO PADRÃO

ENDEREÇO: RESIDENCIAL HELIO JATOBÁ III

MUNICÍPIO - UF: SÃO MIGUEL DOS CAMPOS - AL

PROPRIETÓRIO: INSTITUTO FEDERAL DE ALAGOAS

AUTORES DO PROJETO :

RESPONSÁVEL TÉCNICO:

RESP. TÉCNICO CREA

CREA

RA

PROJETO EXECUTIVO

ESTRUTURA DE CONCRETO ARMADO

PROJETO 04.01

COORDENAÇÃO: CGEST - Coordenação Geral de Infra-estrutura/ FNDE

DESIGNAÇÃO: BLOCO PEDAGÓGICO
ARM. VIGAS DO 1º TETO
–

EC

ÁREA DO TERRENO: 5.071 ha

ÁREA CONSTRUÍDA: 5.577,39m²

REVISÃO

ESCALA: INDICADA

DATA EMISSÃO: SETEMBRO/ 2011

PRANCHA: 12/61

DESENHO: AOM / SCS / JMC / TMJ

PADRÃO_NO – 1189x841