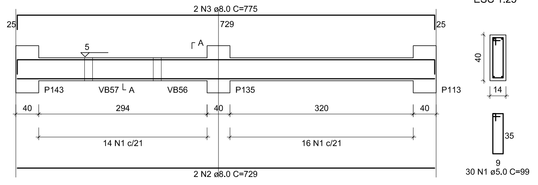
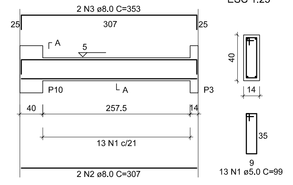
VB107
1:50



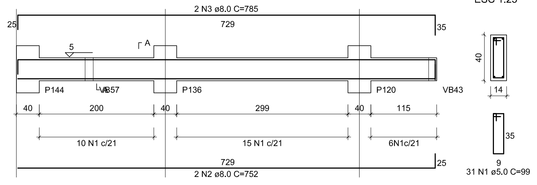
SEÇÃO A-A
ESC 1:25

VB108
1:50



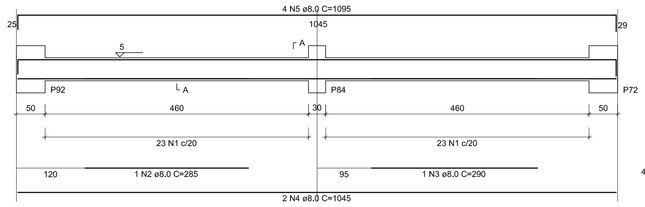
SEÇÃO A-A
ESC 1:25

VB109
1:50

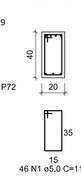


SEÇÃO A-A
ESC 1:25

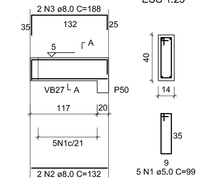
VB110
1:50



SEÇÃO A-A
ESC 1:25

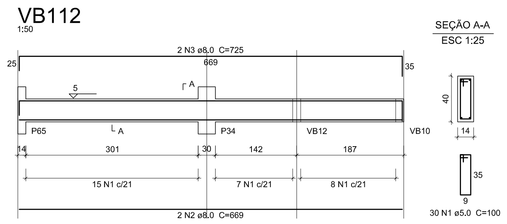


VB111
1:50



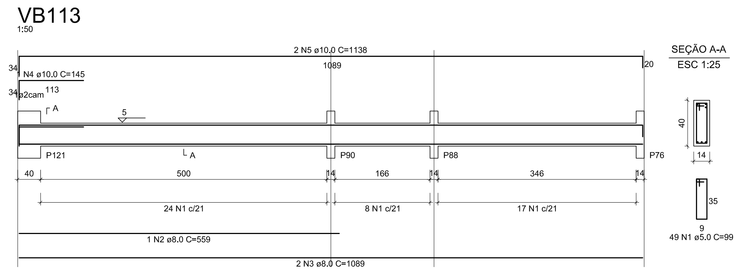
SEÇÃO A-A
ESC 1:25

VB112
1:50



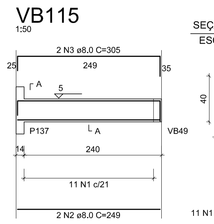
SEÇÃO A-A
ESC 1:25

VB113
1:50

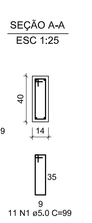


SEÇÃO A-A
ESC 1:25

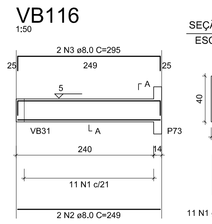
VB115
1:50



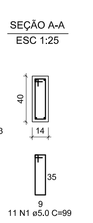
SEÇÃO A-A
ESC 1:25



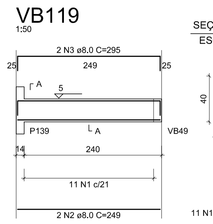
VB116
1:50



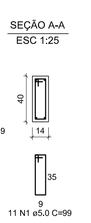
SEÇÃO A-A
ESC 1:25



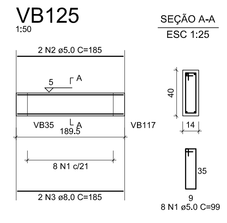
VB119
1:50



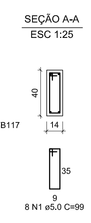
SEÇÃO A-A
ESC 1:25



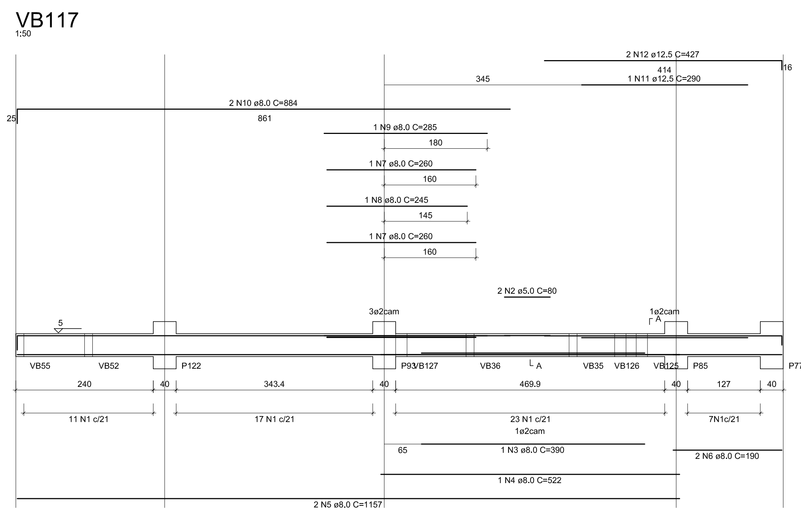
VB125
1:50



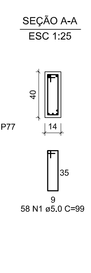
SEÇÃO A-A
ESC 1:25



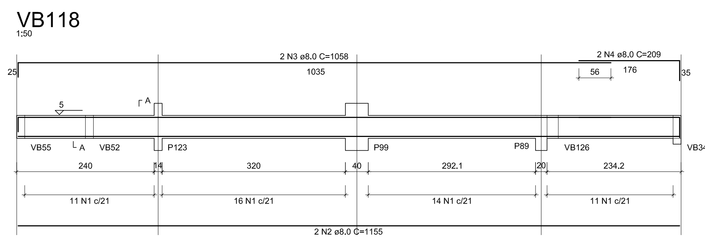
VB117
1:50



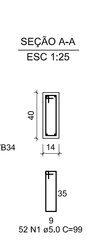
SEÇÃO A-A
ESC 1:25



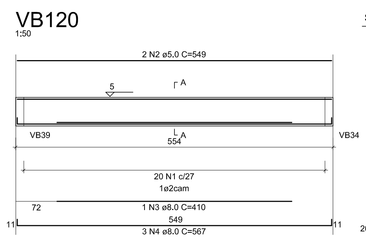
VB118
1:50



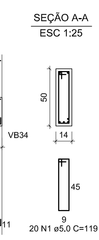
SEÇÃO A-A
ESC 1:25



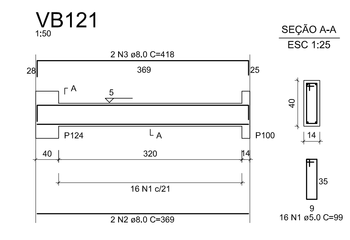
VB120
1:50



SEÇÃO A-A
ESC 1:25



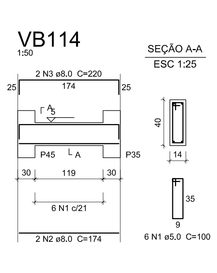
VB121
1:50



SEÇÃO A-A
ESC 1:25

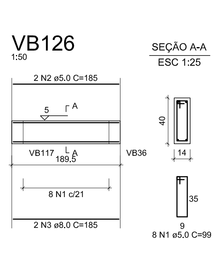
SEÇÃO A-A
ESC 1:25

VB114
1:50

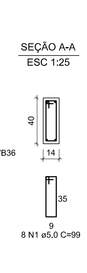


SEÇÃO A-A
ESC 1:25

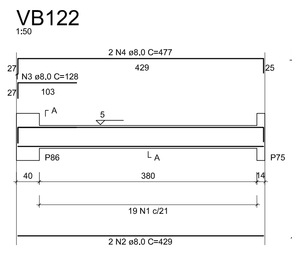
VB126
1:50



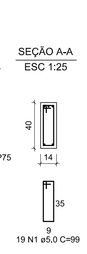
SEÇÃO A-A
ESC 1:25



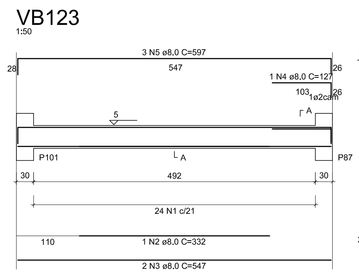
VB122
1:50



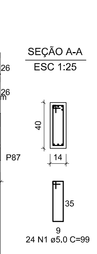
SEÇÃO A-A
ESC 1:25



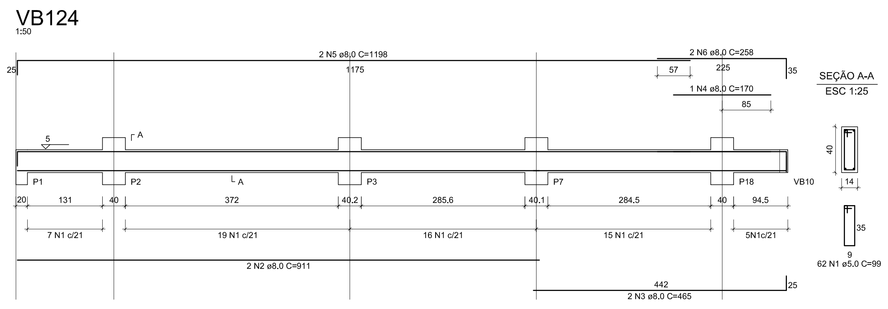
VB123
1:50



SEÇÃO A-A
ESC 1:25



VB124
1:50



SEÇÃO A-A
ESC 1:25

RELAÇÃO DO AÇO

ELEMENTO	AÇO	N	DIAM	Q	U.NIT (cm)	C.TOTAL (cm)
VB107	60	1	5,0	30	99	2970
	50	2	8,0	2	729	1458
	50	3	8,0	2	775	1550
VB108	60	1	5,0	13	99	1287
	50	2	8,0	2	307	614
	50	3	8,0	2	353	706
VB109	60	1	5,0	31	99	3069
	50	2	8,0	2	752	1504
	50	3	8,0	2	785	1570
VB110	60	1	5,0	46	111	5106
	50	2	8,0	1	285	285
	50	3	8,0	1	290	290
	50	4	8,0	2	1045	2090
	50	5	8,0	4	1095	4380
VB111	60	1	5,0	5	99	495
	50	2	8,0	2	132	264
	50	3	8,0	2	188	376
VB112	60	1	5,0	30	100	3000
	50	2	8,0	2	669	1338
	50	3	8,0	2	725	1450
VB113	60	1	5,0	49	99	4851
	50	2	8,0	1	559	559
	50	3	8,0	2	1089	2178
	50	4	10,0	1	145	145
	50	5	10,0	2	1138	2276
VB114	60	1	5,0	6	100	600
	50	2	8,0	2	174	348
	50	3	8,0	2	220	440
VB115	60	1	5,0	11	99	1089
	50	2	8,0	2	249	498
	50	3	8,0	2	305	610
VB116	60	1	5,0	11	99	1089
	50	2	8,0	2	249	498
	50	3	8,0	2	295	590
VB117	60	1	5,0	58	99	5742
	60	2	5,0	2	80	160
	50	3	8,0	1	390	390
	50	4	8,0	1	522	522
	50	5	8,0	2	1157	2314
	50	6	8,0	2	190	380
	50	7	8,0	2	260	520
	50	8	8,0	1	245	245
	50	9	8,0	1	285	285
	50	10	8,0	2	884	1768
	50	11	12,5	1	290	290
	60	12	12,5	2	427	854
VB118	60	1	5,0	52	99	5148
	50	2	8,0	2	1058	2116
	50	3	8,0	1	1155	2310
	50	4	8,0	2	209	418
VB119	60	1	5,0	11	99	1089
	50	2	8,0	2	249	498
	50	3	8,0	2	295	590
VB120	60	1	5,0	20	119	2380
	60	2	5,0	2	549	1098
	50	3	8,0	1	410	410
	50	4	8,0	3	567	1701
VB121	60	1	5,0	16	99	1584
	50	2	8,0	2	369	738
	50	3	8,0	2	418	836
VB122	60	1	5,0	19	99	1881
	50	2	8,0	2	429	858
	50	3	8,0	2	477	954
	50	4	8,0	1	429	429
VB123	60	1	5,0	24	99	2376
	50	2	8,0	1	332	332
	50	3	8,0	2	547	1094
	50	4	8,0	1	127	127
	50	5	8,0	3	597	1791
VB124	60	1	5,0	62	99	6138
	50	2	8,0	2	911	1822
	50	3	8,0	2	465	930
	50	4	8,0	1	170	170
	50	5	8,0	2	1198	2396
	50	6	8,0	2	258	516
VB125	60	1	5,0	8	99	792
	60	2	5,0	2	185	370
	50	3	8,0	2	185	370
VB126	60	1	5,0	8	99	792
	60	2	5,0	2	185	370
	50	3	8,0	2	185	370

RESUMO DO AÇO

AÇO	DIAM	C.TOTAL (m)	PESO+10% (kg)
CA50	8,0	518,8	225,5
	10,0	24,2	16,4
	12,5	11,4	12,1
CA60	5,0	549,6	93,1
PESO TOTAL			
CA50	254,1		
CA60	93,1		

Vol. de concreto total =7,05 m³
Área de forma total = 114,60 m²

NOTAS – PROJETO DE ESTRUTURAS/FUNDAÇÕES

01 - QUALQUER MODIFICAÇÃO DO PROJETO DEVE SER FEITA MEDIANTE AVALIAÇÃO DOS AUTORES DO PROJETO;

02 - TODOS AS DIMENSÕES EM cm, SALVO REFERÊNCIA EM PLANTA;

03 - CONCRETO Fck=25 MPa PARA BLOCOS DE COROAMENTO, VIGAS, PILARES E LAJES;

04 - Fck = 20 MPa PARA AS FUNDAÇÕES;

05 - DEVE-SE FAZER CONTROLE TECNOLÓGICO DO CONCRETO UTILIZADO;

06 - RECOBRIMENTO DAS ARMADURAS:
PILARES = 2,5cm
VIGAS = 2,5cm
LAJES = 2,0cm
BLOCOS = 3 cm
ESTACAS = 4 cm

07 - AÇOS: CA-50 e CA-60;

08 - JUNTA DE DILATAÇÃO PREENCHIDA COM SELANTE À BASE DE POLIURETANO EXPANSÍVEL

Ministério da Educação

FNDE Fundo Nacional de Desenvolvimento da Educação

PROINFÂNCIA – ESPAÇO EDUCATIVO INFANTIL

ENDEREÇO:

MUNICÍPIO – UF:

PROPRIETÁRIO: FUNDO NACIONAL DE DESENVOLVIMENTO DA EDUCAÇÃO - FNDE

AUTORES DO PROJETO : RICARDO FILIZA LIMA - CREA12.948/D-DF
GLAUCYO DE OLIVEIRA SANTOS - CREA/81.887/D-MG

RESPONSÁVEL TÉCNICO:

PROPRIETÁRIO

AUTOR DO PROJETO — CREA-AP-1-CREA-XX

AUTOR DO PROJETO — CREA-AP-2-CREA-XX

RESP. TÉCNICO — CREA

DLFO

CREA

RA

PROJETO TIPO B

PROJETO ESTRUTURAL

COORDENAÇÃO
CGEST - Coordenação Geral de Infraestrutura

VIGAS BALDRAMES - PRANCHA 4

ES

DESENHO

REVISÃO R.01 JUL/2008

ESCALA INDICADA

DATA EMISSÃO 13/03/2008

PRANCHA 10/28