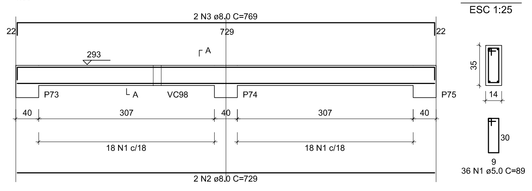
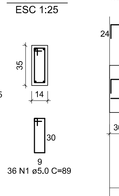
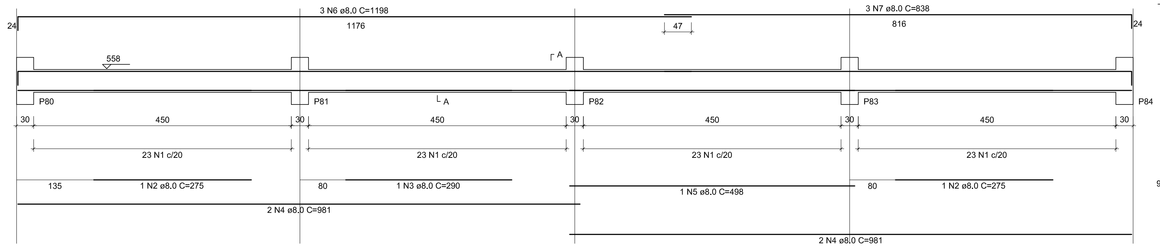
VC23
1:50



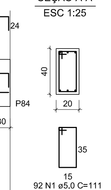
SEÇÃO A-A
ESC 1:25



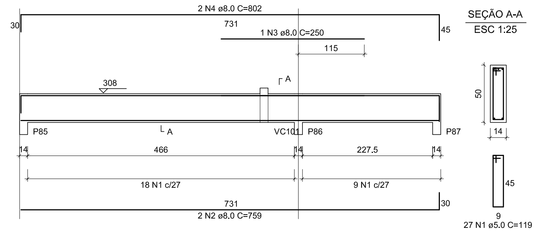
VC25
1:50



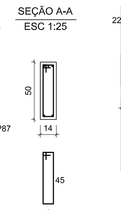
SEÇÃO A-A
ESC 1:25



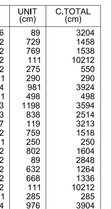
VC26
1:50



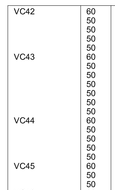
SEÇÃO A-A
ESC 1:25



VC72
1:50



SEÇÃO A-A
ESC 1:25



RELAÇÃO DO AÇO

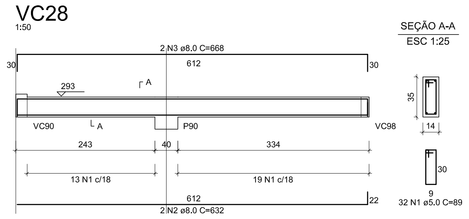
ELEMENTO	AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
VC23	60	1	5,0	36	89	3204
	50	2	8,0	2	729	1458
	50	3	8,0	2	769	1538
VC25	60	1	5,0	92	111	10212
	50	2	8,0	2	275	550
	50	3	8,0	1	290	290
	50	4	8,0	4	981	3924
	50	5	8,0	1	498	498
	50	6	8,0	3	1198	3594
	50	7	8,0	3	838	2514
VC26	60	1	5,0	27	119	3213
	50	2	8,0	2	759	1518
	50	3	5,0	1	250	250
	50	4	8,0	2	802	1604
VC28	50	1	8,0	2	89	2848
	50	2	8,0	2	632	1264
	50	3	5,0	2	668	1336
VC30	60	1	5,0	92	111	10212
	50	2	8,0	1	285	285
	50	3	8,0	4	976	3904
	50	4	8,0	1	978	978
	50	5	8,0	1	496	496
	50	6	10,0	2	1198	2396
VC31	60	1	10,0	39	89	3471
	50	2	8,0	2	751	1502
	50	3	8,0	1	185	185
	50	4	8,0	2	779	1558
VC32	60	1	5,0	50	89	4450
	50	2	8,0	2	981	1962
	50	3	10,0	1	245	245
	50	4	10,0	2	1016	2032
VC33	60	1	5,0	50	89	4450
	50	2	8,0	2	981	1962
	50	3	8,0	1	240	240
	50	4	8,0	1	250	250
	50	5	8,0	2	1009	2018
VC34	60	1	5,0	47	89	4183
	50	2	8,0	1	391	391
	50	3	8,0	1	954	1908
	50	4	8,0	1	583	583
	50	5	8,0	2	954	1908
VC35	60	1	5,0	36	89	3204
	50	2	8,0	2	695	1390
	50	3	8,0	1	293	293
	50	4	8,0	2	743	1486
VC36	60	1	5,0	10	89	890
	50	2	8,0	1	215	430
	50	3	8,0	2	263	526
VC37	50	1	8,0	2	89	712
	50	2	8,0	2	189	378
	50	3	8,0	2	229	458
VC38	60	1	5,0	10	89	890
	50	2	8,0	1	189	378
	50	3	8,0	2	237	474
VC39	50	1	8,0	1	89	356
	50	2	8,0	2	249	498
	50	3	8,0	2	289	578
VC40	60	1	5,0	44	89	3916
	50	2	8,0	1	383	383
	50	3	8,0	1	197	197
	50	4	8,0	2	849	1698
	50	5	8,0	2	889	1778
VC41	60	1	5,0	35	119	4165
	50	6	10,0	3	505	2020
	50	3	8,0	1	173	173
	50	4	8,0	1	638	638
	50	5	8,0	3	1017	3051
	50	6	10,0	3	99	297
	50	7	10,0	2	524	1048
VC42	60	1	5,0	36	119	4284
	50	2	8,0	5	87	435
	50	3	8,0	1	514	514
VC43	60	1	5,0	22	119	2618
	50	1	8,0	1	74	222
	50	2	8,0	3	627	1254
	50	3	8,0	1	138	138
	50	4	8,0	1	163	163
	50	5	8,0	1	133	133
VC44	60	1	5,0	36	119	4284
	50	2	6,3	2	74	148
	50	3	8,0	2	978	1956
	50	4	8,0	1	558	558
	50	5	8,0	2	1020	2040
VC45	60	1	5,0	28	89	2492
	50	1	8,0	2	609	1218
	50	2	8,0	1	649	1298
VC46	60	1	5,0	55	89	4895
	50	2	8,0	1	456	456
	50	3	8,0	2	1038	2076
	50	4	10,0	3	99	297
	50	5	10,0	1	245	245
	50	6	10,0	2	823	1646
	50	7	12,5	1	173	173
	50	8	12,5	2	222	444
VC47	60	1	5,0	30	89	2670
	50	2	8,0	2	558	1116
	50	3	10,0	3	99	297
	50	4	12,5	2	604	1208
VC48	60	1	5,0	55	89	4895
	60	2	5,0	2	125	250
	50	3	8,0	4	532	2128
	50	4	8,0	2	250	500
	50	5	8,0	1	186	372
	50	6	10,0	3	99	297
VC49	60	1	5,0	53	89	4717
	60	2	5,0	2	125	250
	50	3	8,0	2	767	1534
	50	4	8,0	2	187	374
	50	5	10,0	3	99	297
	50	6	10,0	2	527	1054
	50	7	8,0	2	981	1962
VC50	60	1	5,0	44	89	3916
	50	2	8,0	2	869	1738
	50	3	8,0	2	897	1794
VC51	60	1	5,0	16	89	1424
	50	1	8,0	2	309	618
	50	2	8,0	2	359	718
VC52	60	1	5,0	30	89	2670
	50	2	8,0	2	569	1138
	50	3	8,0	2	597	1194
VC53	60	1	5,0	37	89	3293
	50	2	8,0	2	729	1458
	50	3	8,0	2	769	1538
VC54	60	1	5,0	44	89	3916
	50	1	8,0	2	869	1738
	50	3	8,0	2	897	1794
VC72	60	1	5,0	6	89	534
	50	2	8,0	2	149	298
	50	3	8,0	2	177	354

RESUMO DO AÇO

AÇO	DIAM	C.TOTAL (m)	PESO+10% (kg)
CA50	6,3	3,7	1,0
	8,0	920,6	400,1
	10,0	159,6	108,2
	12,5	39,1	41,5
	20,0	30,1	81,7
CA60	5,0	1088,4	184,3
PESO TOTAL			
CA50	632,5		
CA60	184,3		

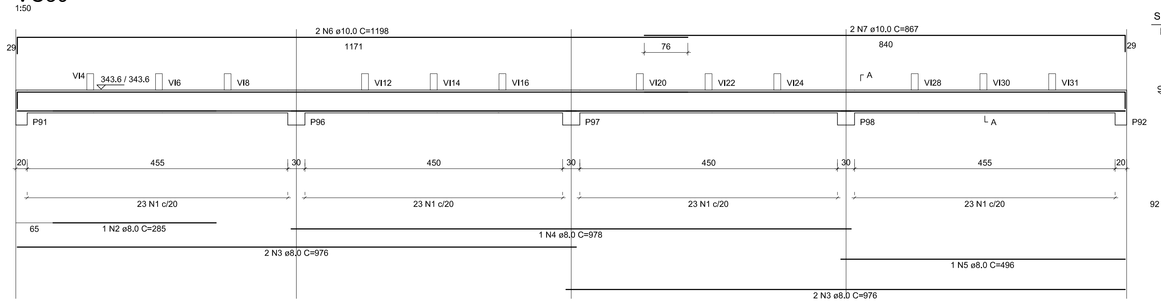
Vol. de concreto total =13,44 m³
Área de forma total = 213,33 m²

VC28
1:50

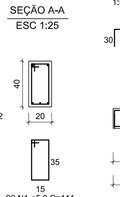


SEÇÃO A-A
ESC 1:25

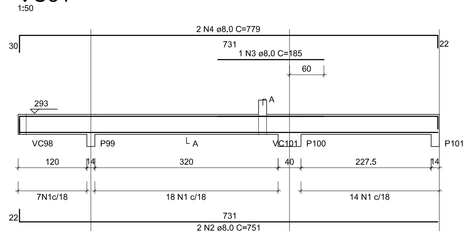
VC30
1:50



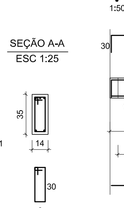
SEÇÃO A-A
ESC 1:25



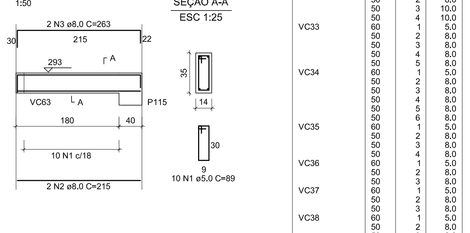
VC31
1:50



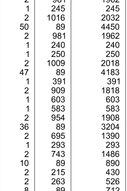
SEÇÃO A-A
ESC 1:25



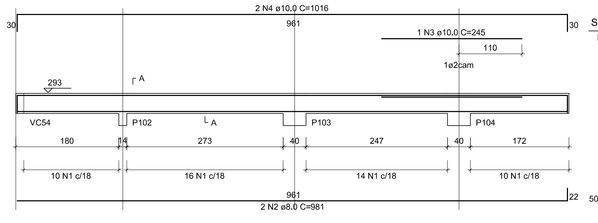
VC36
1:50



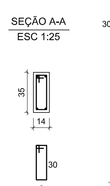
SEÇÃO A-A
ESC 1:25



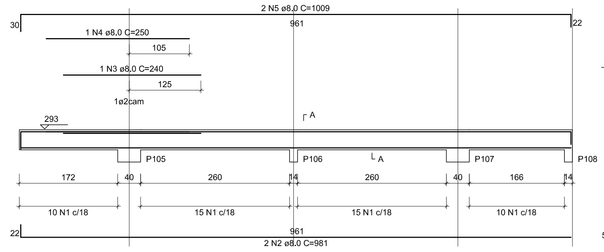
VC32
1:50



SEÇÃO A-A
ESC 1:25

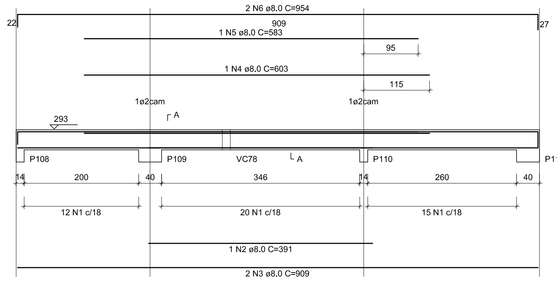


VC33
1:50

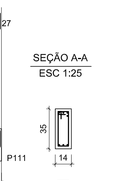


SEÇÃO A-A
ESC 1:25

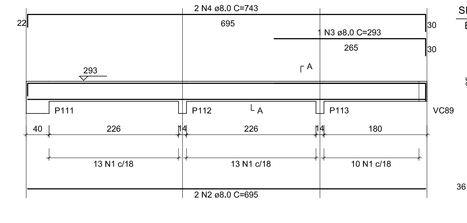
VC34
1:50



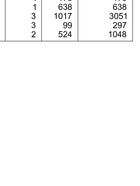
SEÇÃO A-A
ESC 1:25



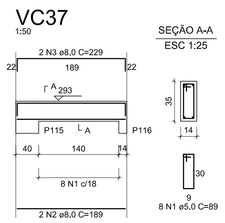
VC35
1:50



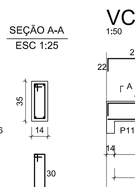
SEÇÃO A-A
ESC 1:25



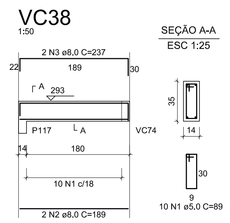
VC37
1:50



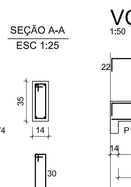
SEÇÃO A-A
ESC 1:25



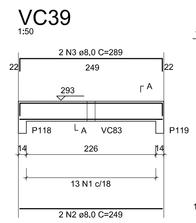
VC38
1:50



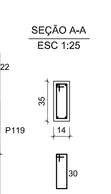
SEÇÃO A-A
ESC 1:25



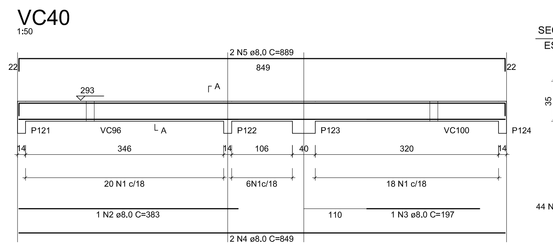
VC39
1:50



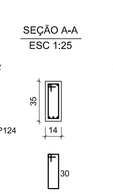
SEÇÃO A-A
ESC 1:25



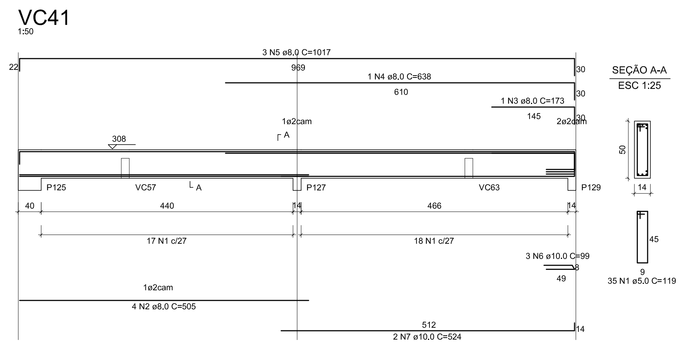
VC40
1:50



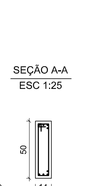
SEÇÃO A-A
ESC 1:25



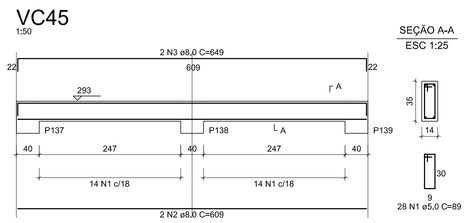
VC41
1:50



SEÇÃO A-A
ESC 1:25

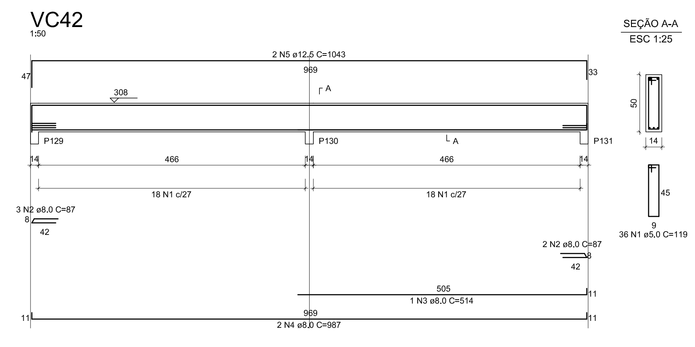


VC45
1:50

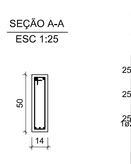


SEÇÃO A-A
ESC 1:25

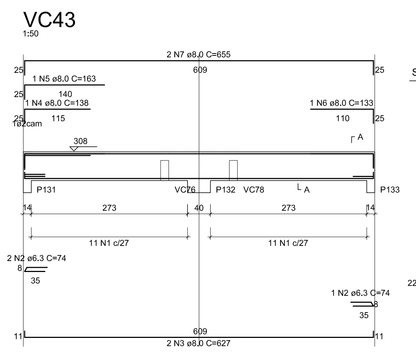
VC42
1:50



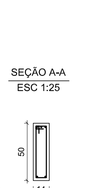
SEÇÃO A-A
ESC 1:25



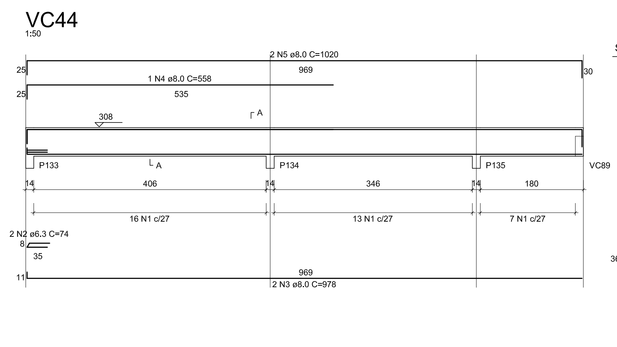
VC43
1:50



SEÇÃO A-A
ESC 1:25

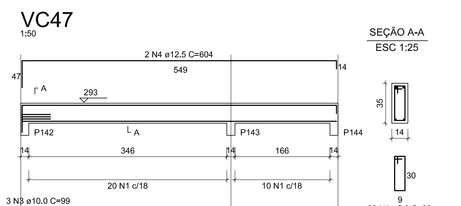


VC44
1:50



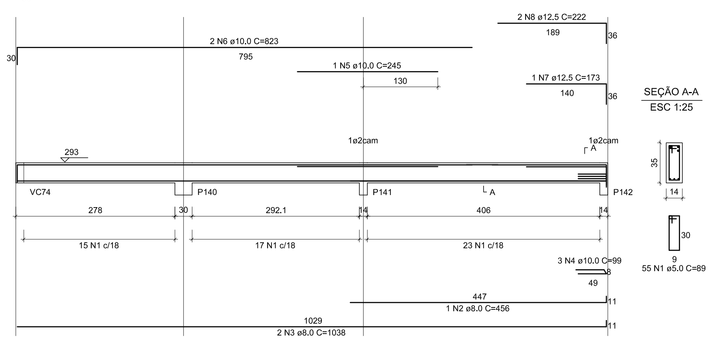
SEÇÃO A-A
ESC 1:25

VC47
1:50

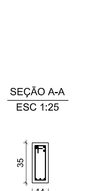


SEÇÃO A-A
ESC 1:25

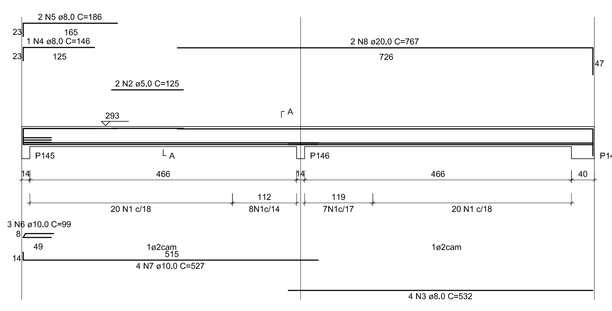
VC46
1:50



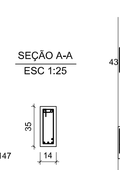
SEÇÃO A-A
ESC 1:25



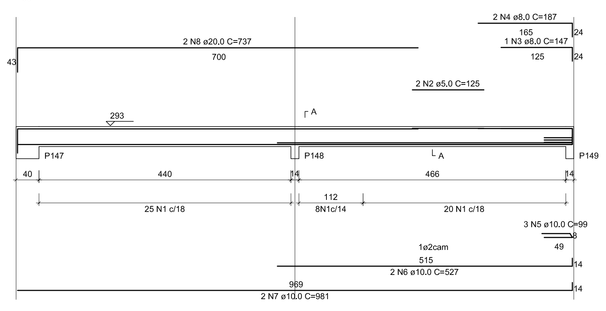
VC48
1:50



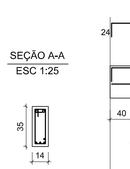
SEÇÃO A-A
ESC 1:25



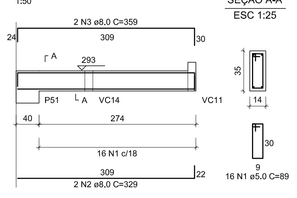
VC49
1:50



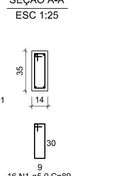
SEÇÃO A-A
ESC 1:25



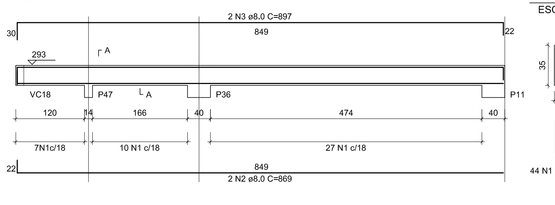
VC51
1:50



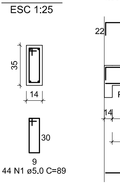
SEÇÃO A-A
ESC 1:25



VC50
1:50



SEÇÃO A-A
ESC 1:25



VC52
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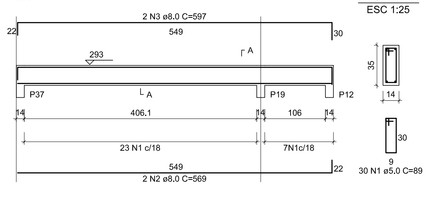
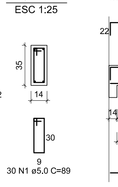
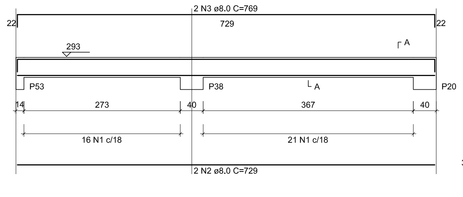


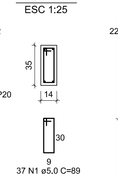
SEÇÃO A-A
ESC 1:25



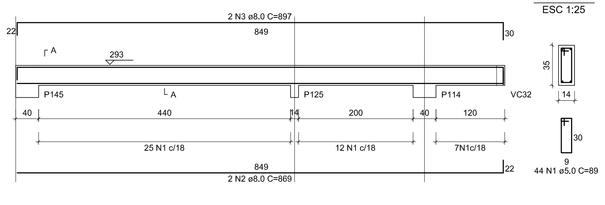
VC53
1:50



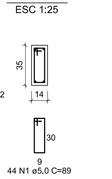
SEÇÃO A-A
ESC 1:25



VC54
1:50



SEÇÃO A-A
ESC 1:25



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 FIUZA LIMA - CREA:12.848/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
COEST - Coordenação Geral de Infra-estrutura

VIGAS COBERTURA - PRANCHA 2

ES

DESENHO

REVISÃO B.01 JUL/2008

ESCALA INDICADA

DATA EMISSÃO 13/03/2008

PRANCHA 12/28

ESCALA DE PLOTAGEM 1:0,1

COD./COR	PENA	Esp.
1,	7	0,10
2,	7	0,20
3,	7	0,30
4,	7	0,30
5,	7	0,40
6,	7	0,50
7	7	0,15
8,	8	0,20
9,	9	0,30
10,	10	0,50
11,	252	0,20
22,	7	0,25
33,	7	0,10
44,	7	0,20
51,	7	0,25
53,	7	0,25
62,	252	0,20
63,	7	0,20
63,	7	0,20
132,	7	0,15
151,	7	0,15
152,	7	0,25
156,	7	0,25
162,	7	0,25