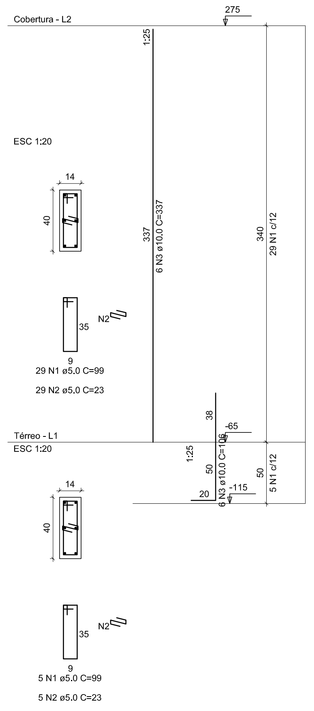
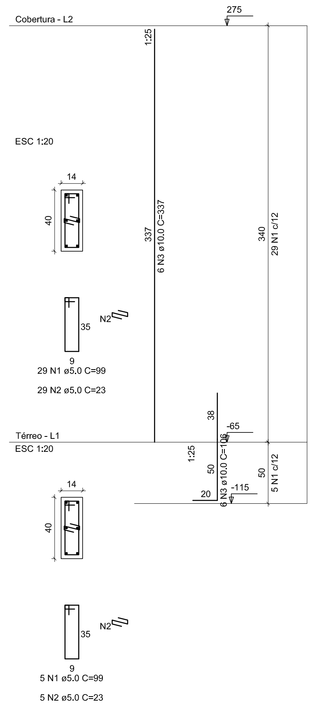
P43



P44



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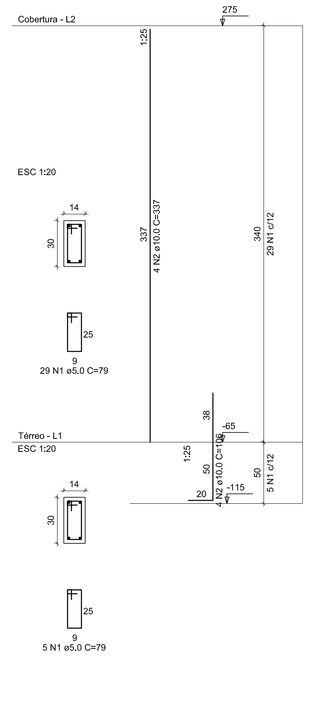

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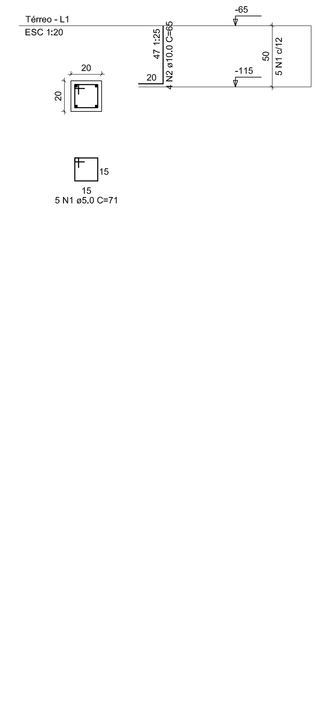

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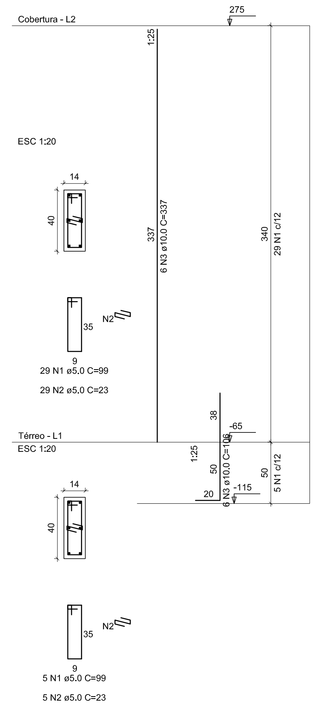

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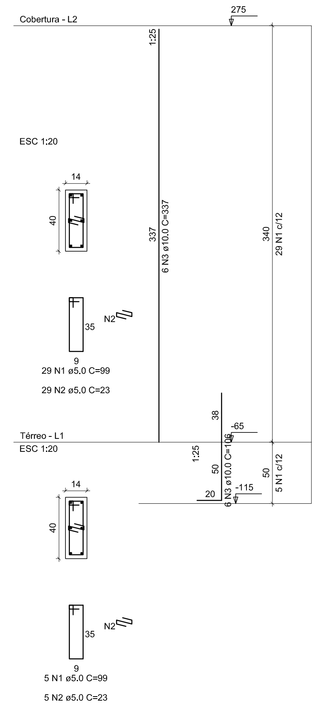

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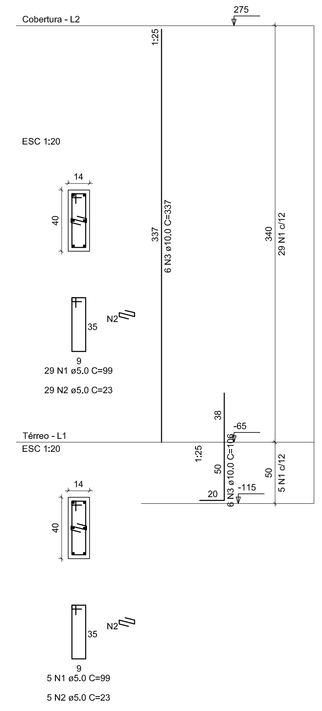
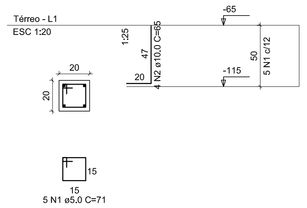


P50



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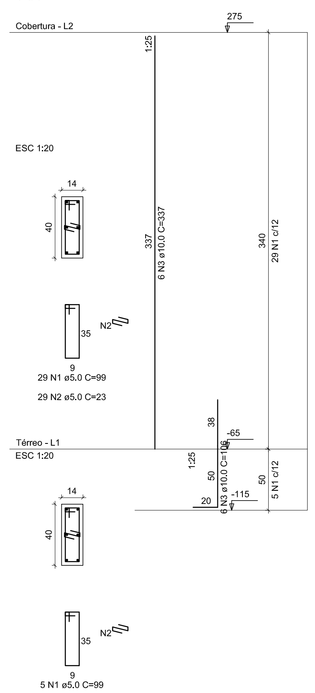

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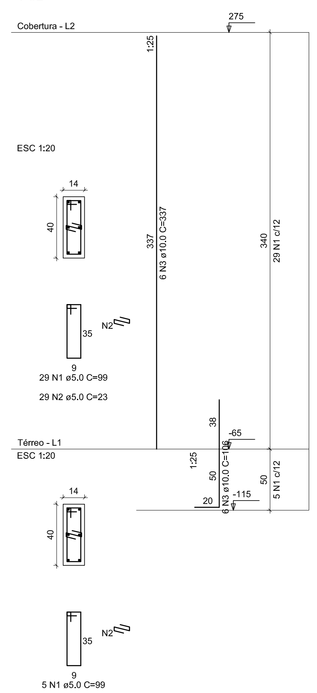

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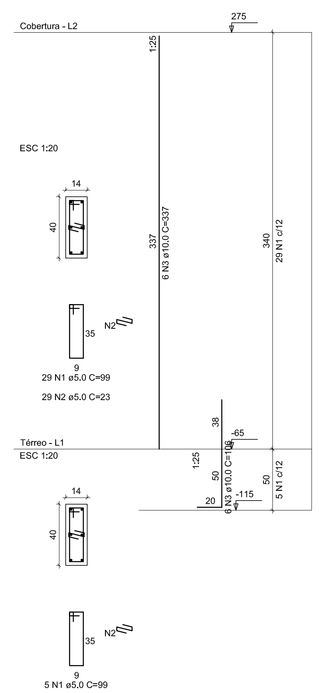

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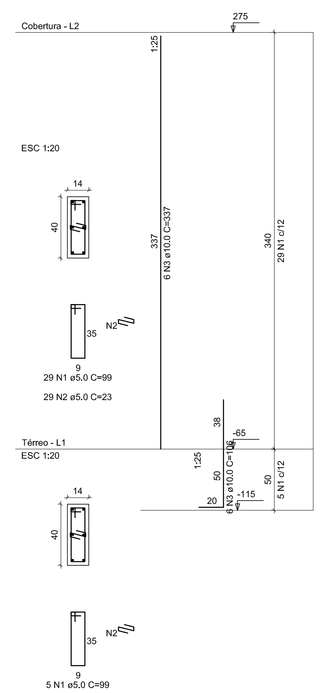

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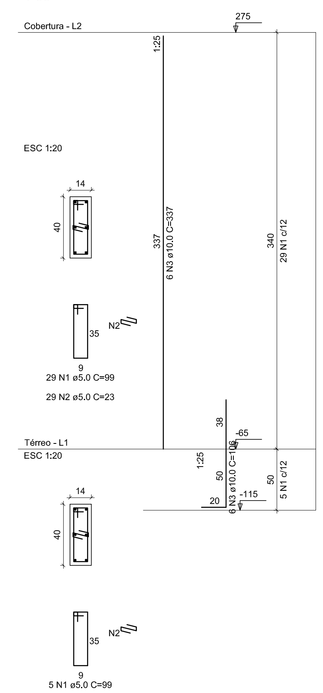

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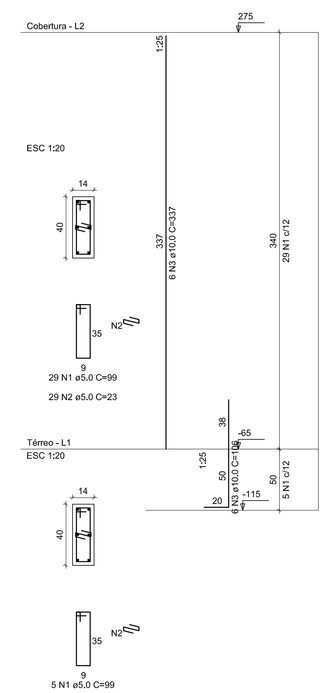
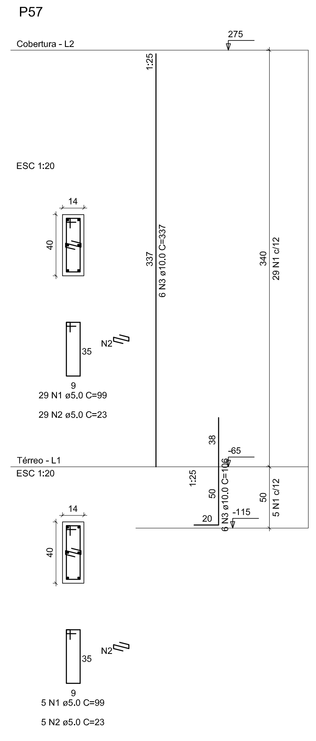
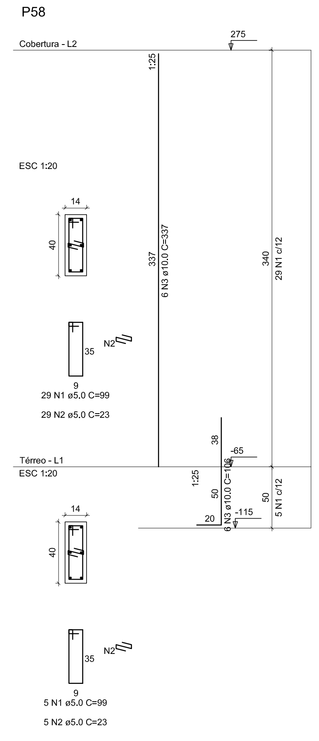


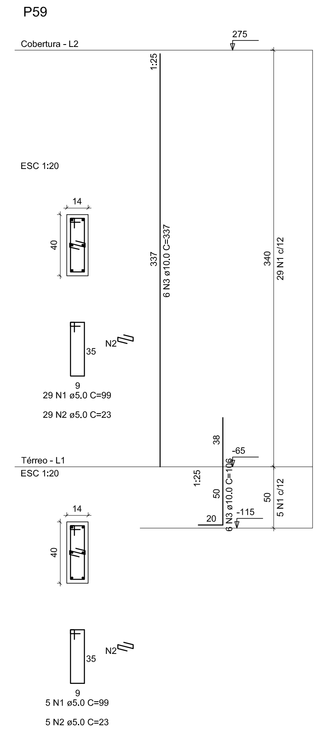
P57



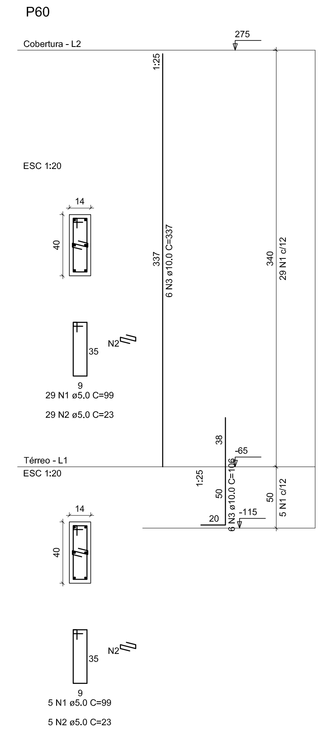
P58



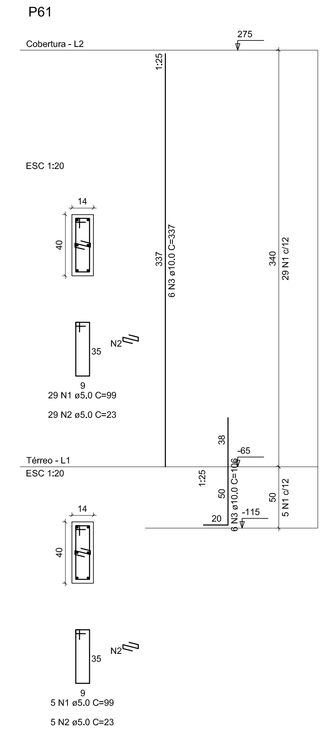
P59



P60



P61



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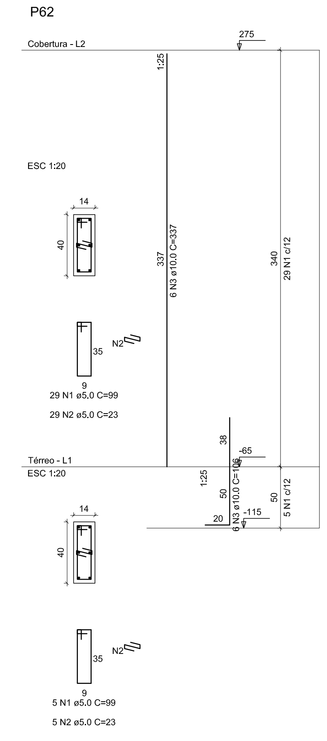
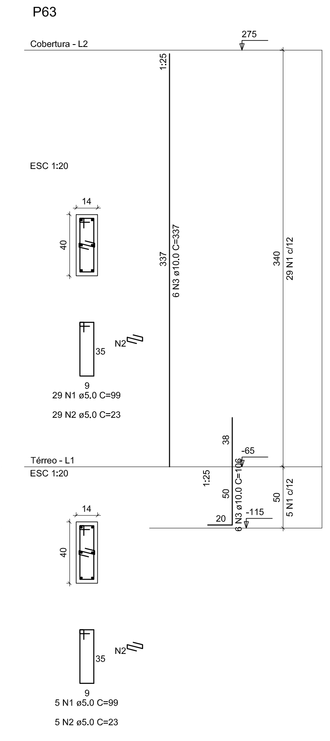


P63



ESCALA DE PLOTAGEM 1:0,1

	COD./COR	PENA	Esq.
1.	7	7	0,13
2.	7	7	0,20
3.	7	7	0,30
4.	7	7	0,40
5.	7	7	0,45
6.	7	7	0,60
7.	7	7	0,15
8.	8	8	0,20
9.	9	9	0,30
10.	10	10	0,10
11.	252	252	0,20
22.	7	7	0,25
41.	7	7	0,25
42.	7	7	0,25
51.	7	7	0,25
52.	7	7	0,25
62.	252	252	0,20
63.	7	7	0,20
63.	7	7	0,20
132.	7	7	0,15
151.	7	7	0,15
152.	7	7	0,15
156.	7	7	0,25
162.	7	7	0,25

RELAÇÃO DO AÇO

ELEMENTO	AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
P43-L2	60	1	5,0	29	99	2871
	60	2	5,0	29	23	667
	50	3	10,0	6	337	2022
P44-L2	60	1	5,0	29	99	2871
	60	2	5,0	29	23	667
	50	3	10,0	6	337	2022
P45-L2	60	1	5,0	29	79	2291
	50	2	10,0	4	337	1348
P47-L2	60	1	5,0	29	99	2871
	60	2	5,0	29	23	667
	50	3	10,0	6	337	2022
P48-L2	60	1	5,0	29	99	2871
	60	2	5,0	29	23	667
	50	3	10,0	6	337	2022
P49-L2	60	1	5,0	29	99	2871
	60	2	5,0	29	23	667
	50	3	10,0	6	337	2022
P51-L2	60	1	5,0	29	99	2871
	60	2	5,0	29	23	667
	50	3	10,0	6	337	2022
P52-L2	60	1	5,0	29	99	2871
	60	2	5,0	29	23	667
	50	3	10,0	6	337	2022
P53-L2	60	1	5,0	29	99	2871
	60	2	5,0	29	23	667
	50	3	10,0	6	337	2022
P54-L2	60	1	5,0	29	99	2871
	60	2	5,0	29	23	667
	50	3	10,0	6	337	2022
P55-L2	60	1	5,0	29	99	2871
	60	2	5,0	29	23	667
	50	3	10,0	6	337	2022
P56-L2	60	1	5,0	29	99	2871
	60	2	5,0	29	23	667
	50	3	10,0	6	337	2022
P57-L2	60	1	5,0	29	99	2871
	60	2	5,0	29	23	667
	50	3	10,0	6	337	2022
P58-L2	60	1	5,0	29	99	2871
	60	2	5,0	29	23	667
	50	3	10,0	6	337	2022
P59-L2	60	1	5,0	29	99	2871
	60	2	5,0	29	23	667
	50	3	10,0	6	337	2022
P60-L2	60	1	5,0	29	99	2871
	60	2	5,0	29	23	667
	50	3	10,0	6	337	2022
P61-L2	60	1	5,0	29	99	2871
	60	2	5,0	29	23	667
	50	3	10,0	6	337	2022
P62-L2	60	1	5,0	29	99	2871
	60	2	5,0	29	23	667
	50	3	10,0	6	337	2022
P63-L2	60	1	5,0	29	99	2871
	60	2	5,0	29	23	667
	50	3	10,0	6	337	2022
P43-L1	60	1	5,0	5	99	495
	60	2	5,0	5	23	115
	50	3	10,0	6	106	636
P44-L1	60	1	5,0	5	99	495
	60	2	5,0	5	23	115
	50	3	10,0	6	106	636
P45-L1	60	1	5,0	5	79	395
	50	2	10,0	4	106	424
P46-L1	60	1	5,0	5	71	355
	50	2	10,0	4	65	260
P47-L1	60	1	5,0	5	99	495
	60	2	5,0	5	23	115
	50	3	10,0	6	106	636
P48-L1	60	1	5,0	5	99	495
	60	2	5,0	5	23	115
	50	3	10,0	6	106	636
P49-L1	60	1	5,0	5	99	495
	60	2	5,0	5	23	115
	50	3	10,0	6	106	636
P50-L1	60	1	5,0	5	71	355
	50	2	10,0	4	65	260
P51-L1	60	1	5,0	5	99	495
	60	2	5,0	5	23	115
	50	3	10,0	6	106	636
P52-L1	60	1	5,0	5	99	495
	60	2	5,0	5	23	115
	50	3	10,0	6	106	636
P53-L1	60	1	5,0	5	99	495
	60	2	5,0	5	23	115
	50	3	10,0	6	106	636
P54-L1	60	1	5,0	5	99	495
	60	2	5,0	5	23	115
	50	3	10,0	6	106	636
P55-L1	60	1	5,0	5	99	495
	60	2	5,0	5	23	115
	50	3	10,0	6	106	636
P56-L1	60	1	5,0	5	99	495
	60	2	5,0	5	23	115
	50	3	10,0	6	106	636
P57-L1	60	1	5,0	5	99	495
	60	2	5,0	5	23	115
	50	3	10,0	6	106	636
P58-L1	60	1	5,0	5	99	495
	60	2	5,0	5	23	115
	50	3	10,0	6	106	636
P59-L1	60	1	5,0	5	99	495
	60	2	5,0	5	23	115
	50	3	10,0	6	106	636
P60-L1	60	1	5,0	5	99	495
	60	2	5,0	5	23	115
	50	3	10,0	6	106	636
P61-L1	60	1	5,0	5	99	495
	60	2	5,0	5	23	115
	50	3	10,0	6	106	636
P62-L1	60	1	5,0	5	99	495
	60	2	5,0	5	23	115
	50	3	10,0	6	106	636
P63-L1	60	1	5,0	5	99	495
	60	2	5,0	5	23	115
	50	3	10,0	6	106	636

RESUMO DO AÇO

AÇO	DIAM	C.TOTAL (m)	PESO+10% (kg)
CA50	10,0	501,0	339,9
CA60	5,0	780,8	132,3
PESO TOTAL			
CA50	339,9		
CA60	132,3		

Vol. de concreto total =4,13 m³
Área de forma total = 80,05 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 CORDAMENTO, VIGAS, PILARES E LAJES;

04 - Fck = 20 MPa PARA AS FUNDACÕES;

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

GOVERNO FEDERAL BRASIL PAÍS RICO É PAÍS SEM POBREZA – 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-CREAXX

AUTOR DO PROJETO — CREA-AP-2-CREAXX

RESP. TÉCNICO — CREA

DLFO | CREA | RA

PROJETO TIPO B

PROJETO ESTRUTURAL

COORDENAÇÃO: COEST - Coordenação Geral de Infra-estrutura

PILARES - PRANCHA 3

ES

REVISÃO R.01 JUL/2008

ESCALA INDICADA

DATA EMISSÃO 15/03/2006

DESENHO

PRANCHA 18/28