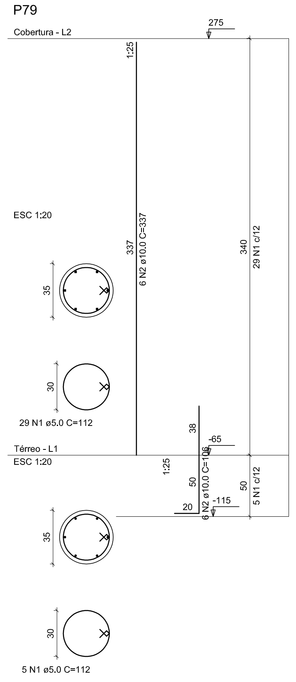

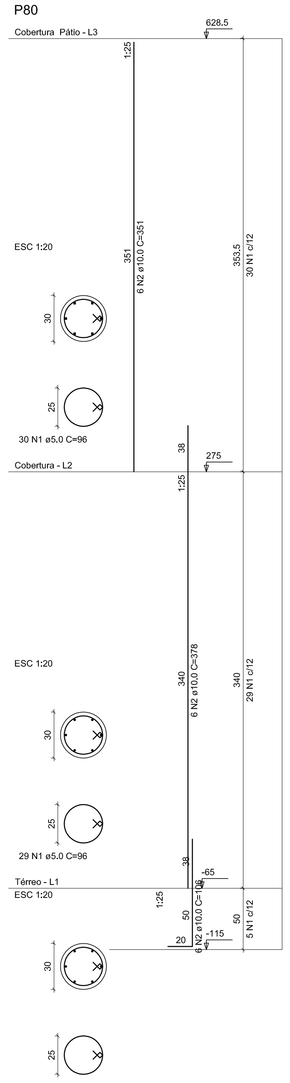

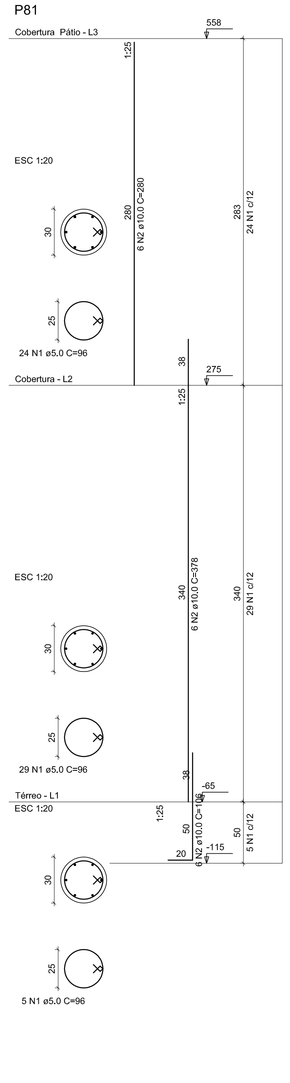

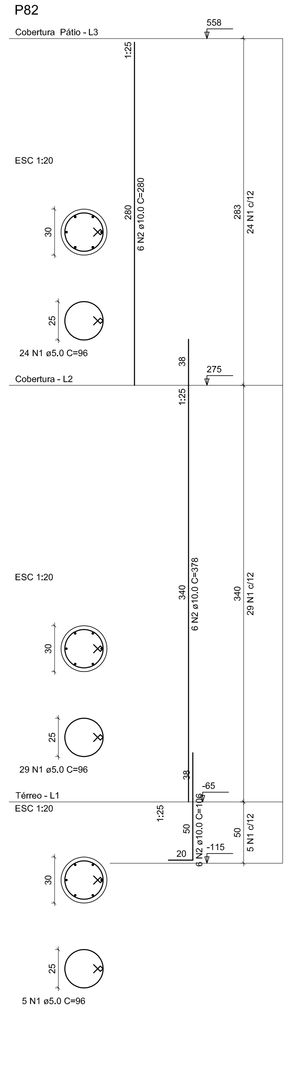

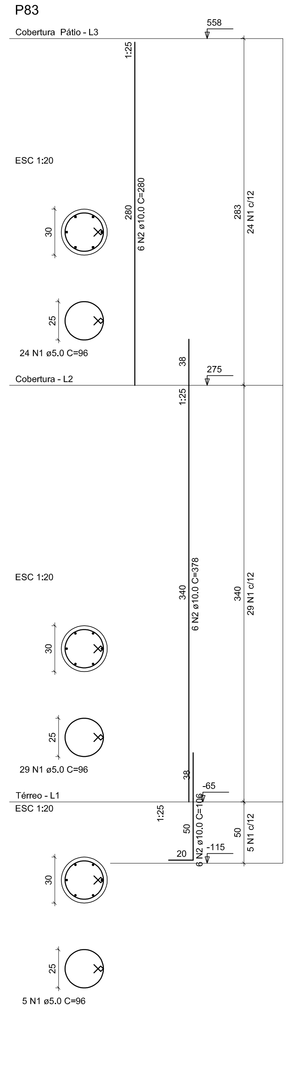

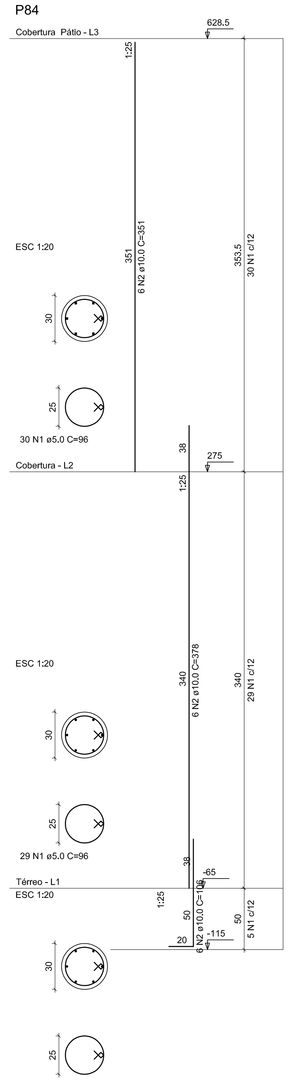

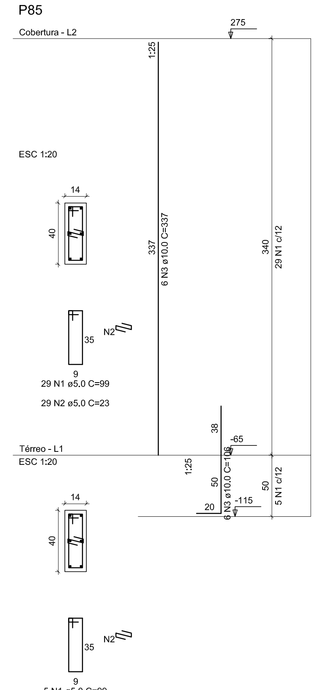

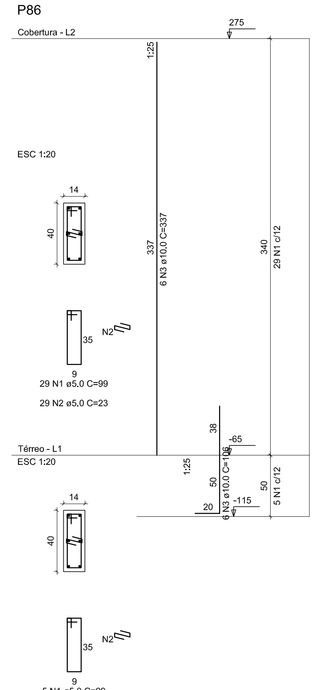

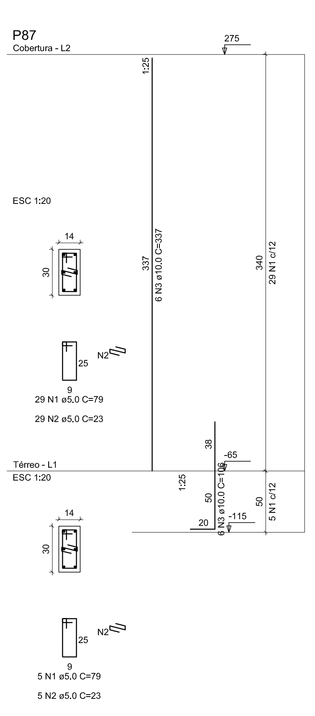

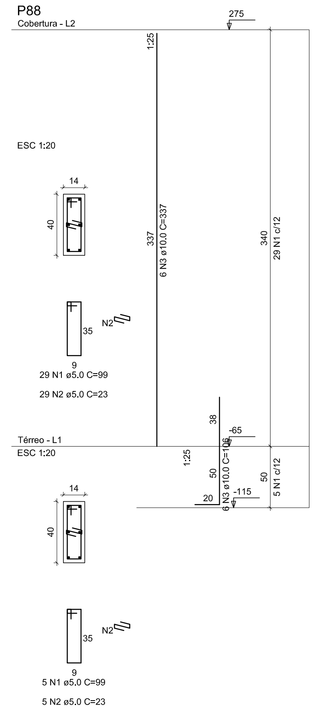

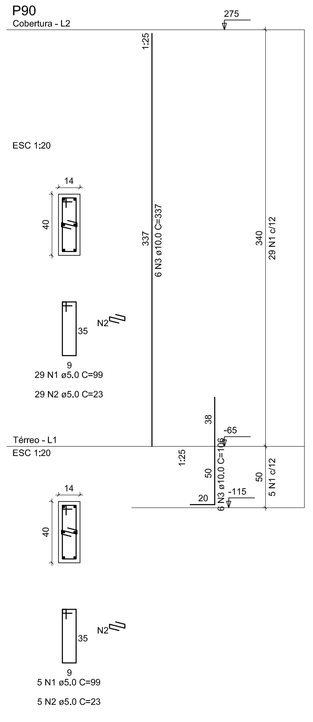

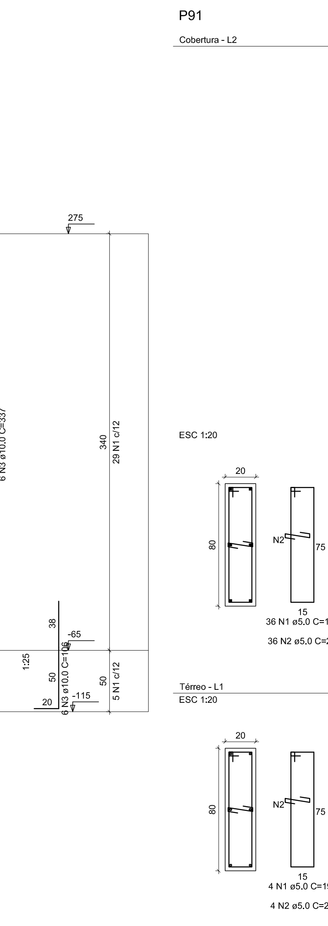

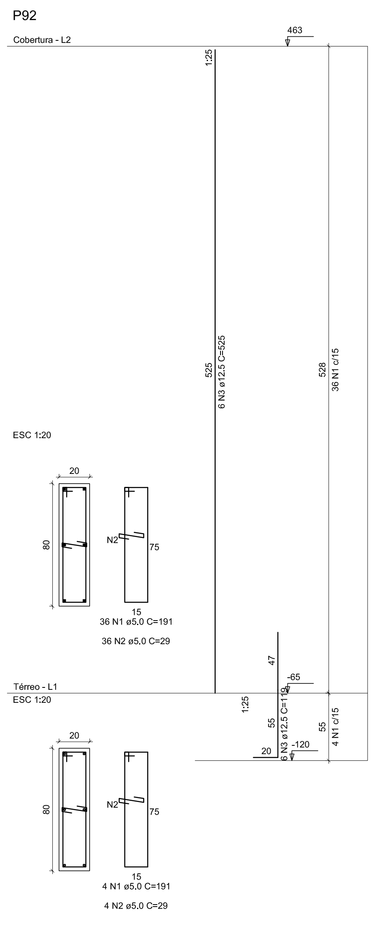

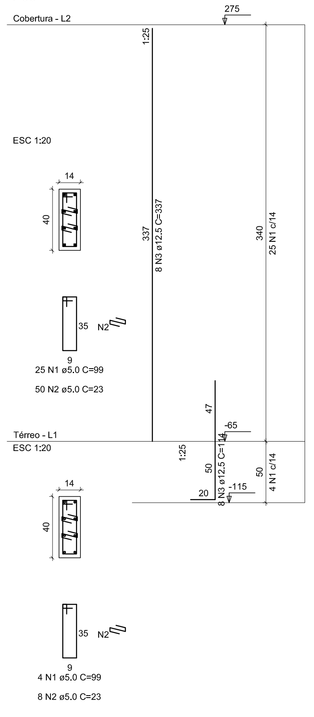

RELAÇÃO DO AÇO

ELEMENTO	AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
P80-L3	60	1	5,0	30	96	2880
	50	2	10,0	6	351	2106
P81-L3	60	1	5,0	24	96	2304
	50	2	10,0	6	280	1680
P82-L3	60	1	5,0	24	96	2304
	50	2	10,0	6	280	1680
P83-L3	60	1	5,0	24	96	2304
	50	2	10,0	6	280	1680
P84-L3	60	1	5,0	30	96	2880
	50	2	10,0	6	351	2106
P79-L2	60	1	5,0	29	112	3248
	50	2	10,0	6	337	2022
P80-L2	60	1	5,0	29	96	2784
	50	2	10,0	6	378	2268
P81-L2	60	1	5,0	29	96	2784
	50	2	10,0	6	378	2268
P82-L2	60	1	5,0	29	96	2784
	50	2	10,0	6	378	2268
P83-L2	60	1	5,0	29	96	2784
	50	2	10,0	6	378	2268
P84-L2	60	1	5,0	29	96	2784
	50	2	10,0	6	378	2268
P85-L2	60	1	5,0	29	99	2871
	60	2	5,0	29	23	667
	50	3	10,0	6	337	2022
P86-L2	60	1	5,0	29	99	2871
	60	2	5,0	29	23	667
	50	3	10,0	6	337	2022
P87-L2	60	1	5,0	29	79	2291
	60	2	5,0	29	23	667
	50	3	10,0	6	337	2022
P88-L2	60	1	5,0	29	99	2871
	60	2	5,0	29	23	667
	50	3	10,0	6	337	2022
P90-L2	60	1	5,0	29	99	2871
	60	2	5,0	29	23	667
	50	3	10,0	6	337	2022
P91-L2	60	1	5,0	36	191	6876
	60	2	5,0	36	29	1044
	50	3	12,5	6	525	3150
P92-L2	60	1	5,0	36	191	6876
	60	2	5,0	36	29	1044
	50	3	12,5	6	525	3150
P93-L2	60	1	5,0	25	99	2475
	60	2	5,0	50	23	1150
	50	3	12,5	8	337	2696
P79-L1	60	1	5,0	5	112	560
P80-L1	50	2	10,0	6	106	636
	60	1	5,0	5	96	480
P81-L1	50	2	10,0	6	106	636
	60	1	5,0	5	96	480
P82-L1	50	2	10,0	6	106	636
	60	1	5,0	5	96	480
P83-L1	50	2	10,0	6	106	636
	60	1	5,0	5	96	480
P84-L1	50	2	10,0	6	106	636
	60	1	5,0	5	99	495
P85-L1	60	2	5,0	5	23	115
	50	3	10,0	6	106	636
P86-L1	60	1	5,0	5	99	495
	60	2	5,0	5	23	115
	50	3	10,0	6	106	636
P87-L1	60	1	5,0	5	79	395
	60	2	5,0	5	23	115
	50	3	10,0	6	106	636
P88-L1	60	1	5,0	5	99	495
	60	2	5,0	5	23	115
	50	3	10,0	6	106	636
P89-L1	60	1	5,0	5	71	355
	50	2	10,0	4	65	260
P90-L1	60	1	5,0	5	99	495
	60	2	5,0	5	23	115
	50	3	10,0	6	106	636
P91-L1	60	1	5,0	4	191	764
	60	2	5,0	4	29	116
	50	3	12,5	6	119	714
P92-L1	60	1	5,0	4	191	764
	60	2	5,0	4	29	116
	50	3	12,5	6	119	714
P93-L1	60	1	5,0	4	99	396
	60	2	5,0	8	23	184
	50	3	12,5	8	114	912

RESUMO DO AÇO

AÇO	DIAM	C.TOTAL (m)	PESO+10% (kg)
CA50	10,0	399,6	271,1
	12,5	113,4	120,2
CA60	5,0	750,3	127,1
PESO TOTAL			
CA50	391,3		
CA60	127,1		

Vol. de concreto total =5,99 m³
Área de forma total = 85,54 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 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-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

PILARES - PRANCHA 5

ES

DESENHO | REVISÃO R.01 JUL/2008 | ESCALA INDICADA | DATA EMISSÃO 13/03/2008 | PRANCHA 20/28

ESCALA DE PLOTAGEM 1:0,1

COD	COR	PENA	Esp.
1,	7	7	0,35
2,	7	7	0,30
3,	7	7	0,30
4,	7	7	0,35
5,	7	7	0,40
6,	7	7	0,20
7,	7	7	0,15
8,	8	8	0,20
9,	9	9	0,20
10,	10	10	0,10
11,	11	11	0,20
22,	7	7	0,25
31,	7	7	0,10
42,	7	7	0,25
51,	7	7	0,25
52,	7	7	0,25
61,	252	252	0,20
62,	7	7	0,20
132,	7	7	0,15
133,	7	7	0,15
151,	7	7	0,15
154,	7	7	0,15
156,	7	7	0,25
162,	7	7	0,25