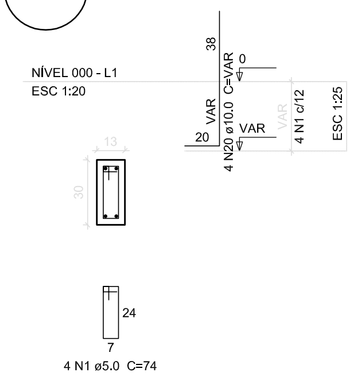
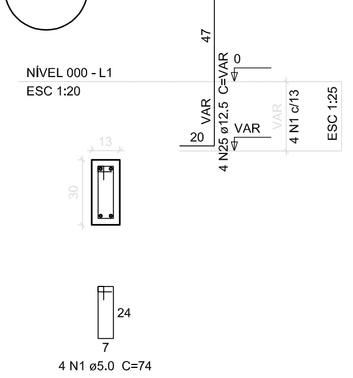
P11



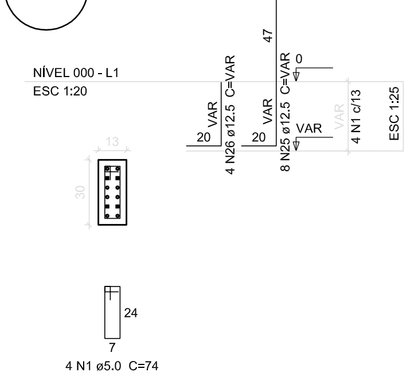
4 N1 ø5.0 C=74

P12



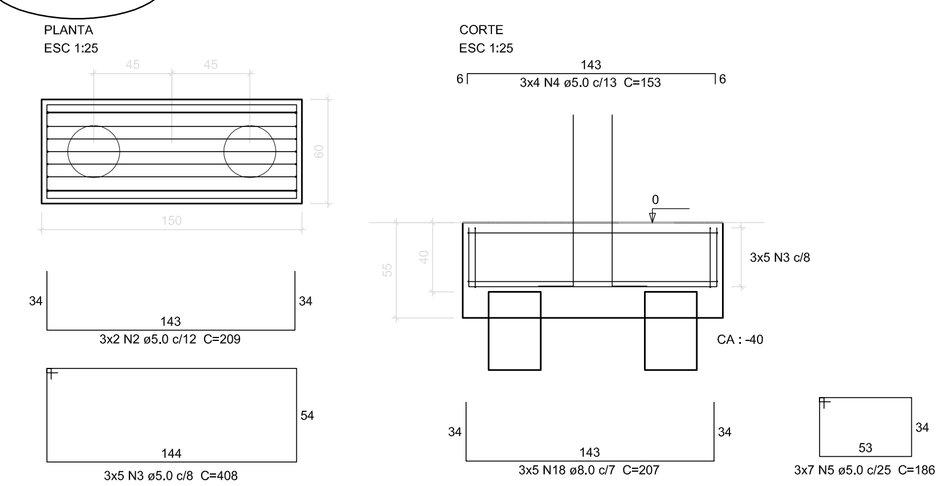
4 N1 ø5.0 C=74

P3

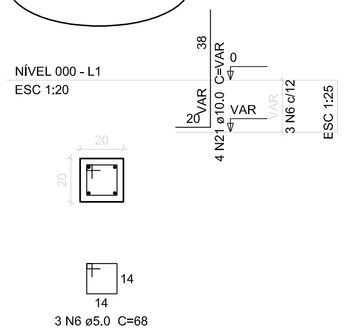


4 N1 ø5.0 C=74

B3=B11=B12
2xC30

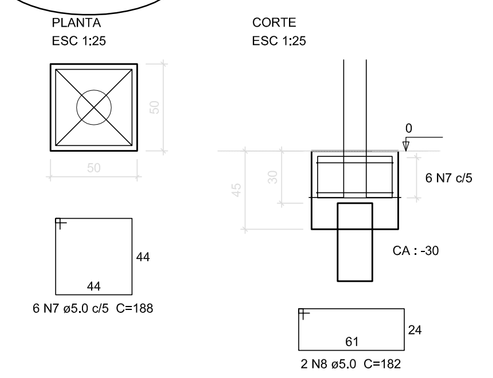


P23=P24=P25=P26



3 N6 ø5.0 C=68

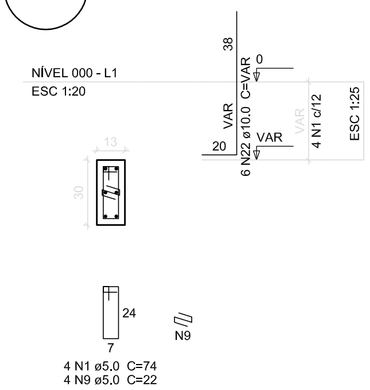
B23=B24=B25=B26
1xC20



6 N7 ø5.0 c/5 C=188

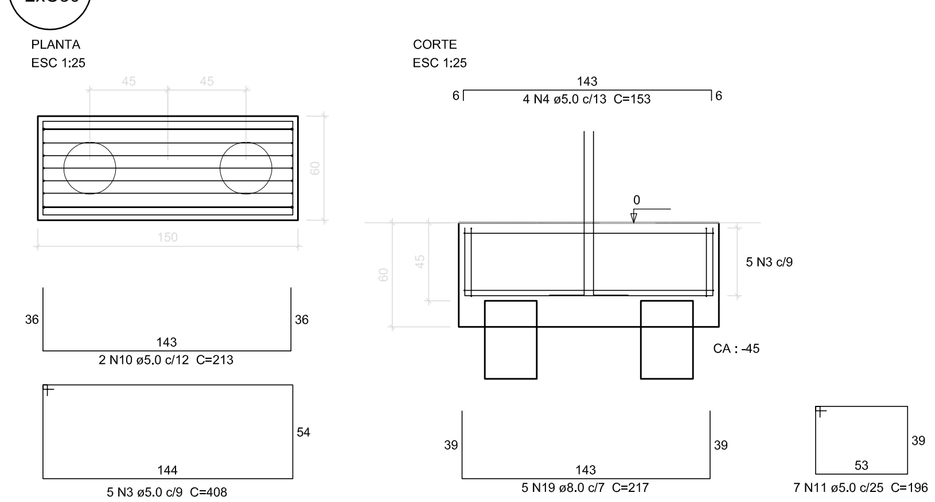
2 N8 ø5.0 C=182

P2

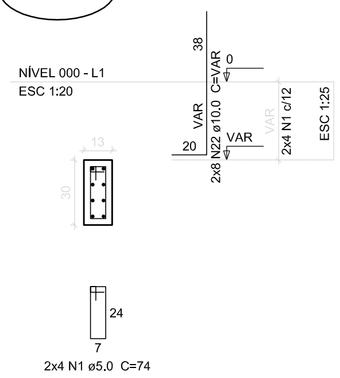


4 N1 ø5.0 C=74
4 N9 ø5.0 C=22

B2
2xC30

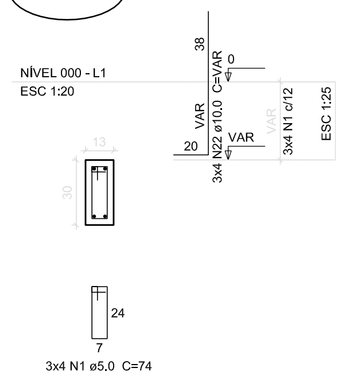


P17=P22



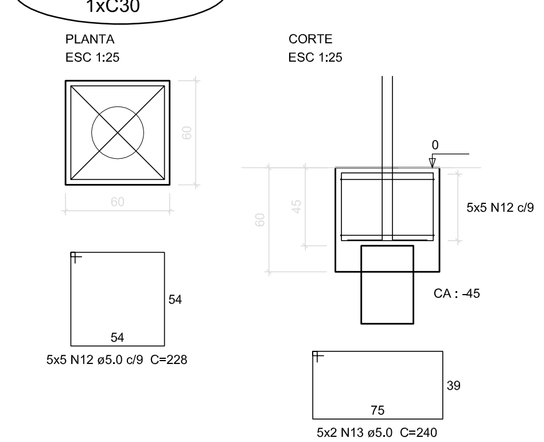
2x4 N1 ø5.0 C=74

P1=P4=P7



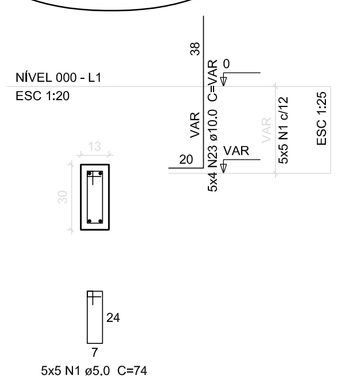
3x4 N1 ø5.0 C=74

B1=B4=B7=B17=B22
1xC30



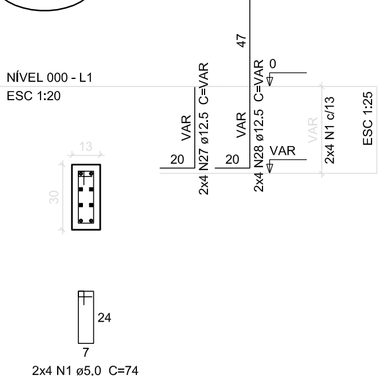
5x2 N13 ø5.0 C=240

P5=P8=P10=P19=P20



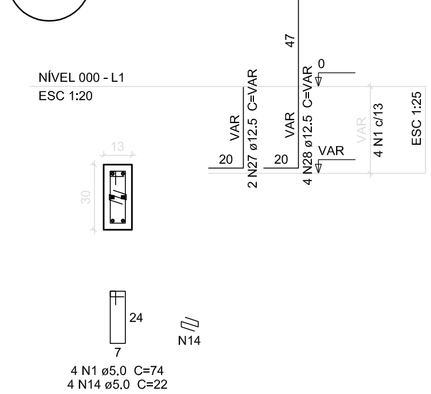
5x5 N1 ø5.0 C=74

P18=P21



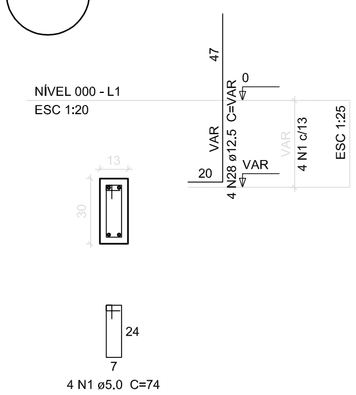
2x4 N1 ø5.0 C=74

P6



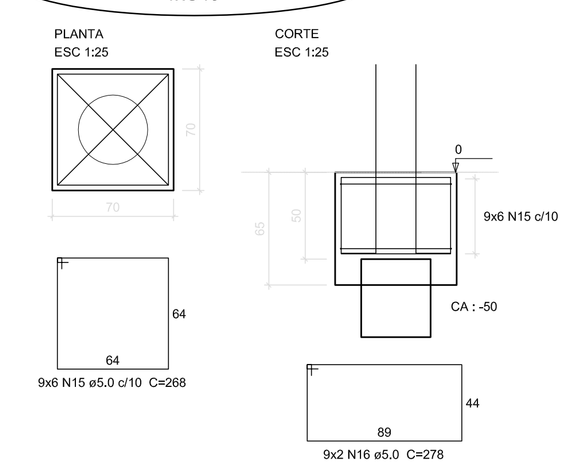
4 N1 ø5.0 C=74
4 N14 ø5.0 C=22

P9



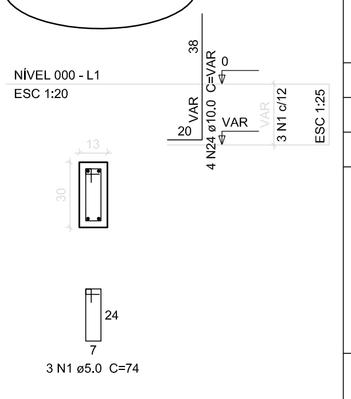
4 N1 ø5.0 C=74

B5=B6=B8=B9=B10=B18=B19=B20=B21
1xC40



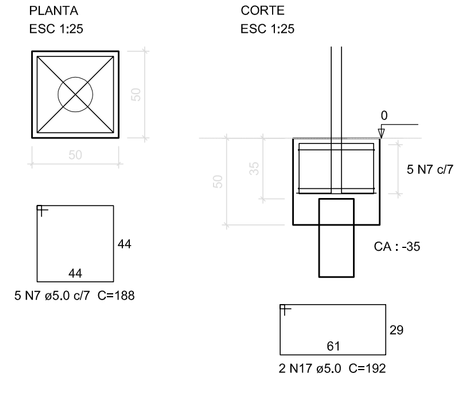
9x6 N15 ø5.0 c/10 C=268

P13=P14=P15=P16



3 N1 ø5.0 C=74

B13=B14=B15=B16
1xC20



5 N7 ø5.0 c/7 C=188

2 N17 ø5.0 C=192

Relação do aço

B2 B12 4xB16
B21 4xB26

AÇO	N	DIAM (mm)	QUANT (Barras)	UNIT (cm)	C.TOTAL (cm)
CA60	1	5,0	89	74	6586
	2	5,0	6	209	1254
	3	5,0	20	408	8160
	4	5,0	16	153	2448
	5	5,0	21	186	3906
	6	5,0	12	68	816
	7	5,0	44	188	8272
	8	5,0	8	182	1456
	9	5,0	4	22	88
	10	5,0	2	213	426
	11	5,0	7	196	1372
	12	5,0	25	228	5700
	13	5,0	10	240	2400
	14	5,0	4	22	88
	15	5,0	54	268	14472
	16	5,0	18	278	5004
	17	5,0	8	192	1536
CA50	18	8,0	15	207	3105
	19	8,0	5	217	1085
	20	10,0	4	VAR	VAR
	21	10,0	16	VAR	VAR
	22	10,0	34	VAR	VAR
	23	10,0	20	VAR	VAR
	24	10,0	16	VAR	VAR
	25	12,5	12	VAR	VAR
	26	12,5	4	VAR	VAR
	27	12,5	10	VAR	VAR
	28	12,5	16	VAR	VAR

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8.0	41.9	18.2
	10.0	87.7	59.5
	12.5	39.3	41.6
CA60	5.0	639.9	108.5

PESO TOTAL (kg)	
CA50	119.3
CA60	108.5

Volume de concreto (C-25) = 7.01 m³
Área de forma = 50.02 m²

1 BLOCOS DE FUNDAÇÃO
ESCALA INDICADA

FNDE Fundo Nacional de Desenvolvimento da Educação
GOVERNO FEDERAL BRASIL PAÍS RICO É PAÍS SEM POBREZA
Ministério da Educação

PROJETO PADRÃO - FNDE

MUNICÍPIO – UF:

PROPRIETÁRIO:

ENDEREÇO:

PROPRIETÁRIO

RESP. TÉCNICO CAU/ CREA

DLFO

CAU/ CREA

RA

OBSERVAÇÕES:

ESCOLA 2 SALAS DE AULA
PROJETO DE ESTRUTURAS

COORDENAÇÃO: CGEST - Coordenação Geral de Infraestrutura Educacional	BLOCOS DE FUNDAÇÃO		SFN
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