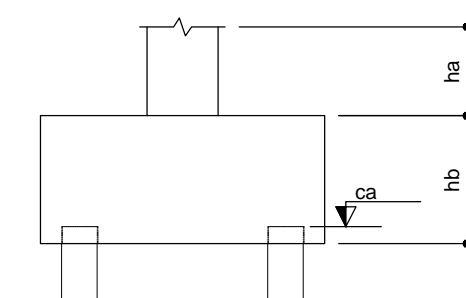


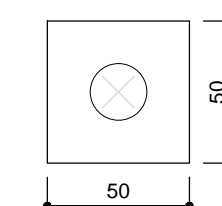
1 PLANTA DE LOCAÇÃO  
ESCALA 1/50

		Pilar		Fundação							Bloco	
Nome	Seção (cm)	X (cm)	Y (cm)	Carga Máx. (kgf)	Carga Min. (kgf)	Lado B (cm)	Lado H (cm)	h0 / ha (cm)	h1 / hb (cm)	ne	Estaca	Base tub. (cm)
P1	13x30	6.50	613.05	4500	4300	50	50	0	50	1	C20	-19
P2	13x30	336.50	613.05	7200	6700	50	50	0	50	1	C20	-19
P3	13x30	666.50	613.05	7000	6600	50	50	0	50	1	C20	-19
P4	13x30	1046.50	613.05	7000	6600	50	50	0	50	1	C20	-19
P5	13x30	1566.50	613.05	4100	3900	110	50	0	45	2	C20	-14
P6	13x30	1055.00	406.55	6200	5600	110	50	0	45	2	C20	-14
P7	13x30	1558.00	406.55	5300	4900	110	50	0	45	2	C20	-14
P8	13x30	6.50	170.05	5700	5300	50	50	0	50	1	C20	-19
P9	13x30	336.50	170.05	7800	7200	50	50	0	50	1	C20	-19
P10	13x30	666.50	170.05	7600	7000	50	50	0	50	1	C20	-19
P11	13x30	1046.50	170.05	8900	8300	50	50	0	50	1	C20	-19
P12	13x30	1566.50	170.05	5400	5100	110	50	0	45	2	C20	-14
P13	20x20	10.00	10.00	2300	2200	50	50	0	45	1	C20	-14
P14	20x20	526.20	10.00	4400	4100	50	50	0	45	1	C20	-14
P15	20x20	1046.50	10.13	4900	4600	50	50	0	45	1	C20	-14
P16	20x20	1563.00	9.40	2700	2600	50	50	0	45	1	C20	-14

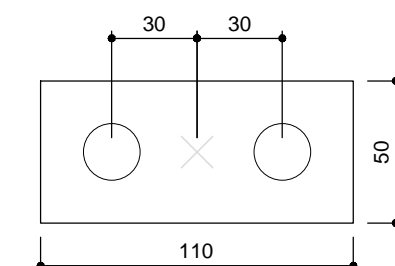
Estacas	
Nome	Quantidade
C20	20



B1=B2=B3=B4=B8=B9  
B10=B11=B13=B14  
B15=B16 (1x100)

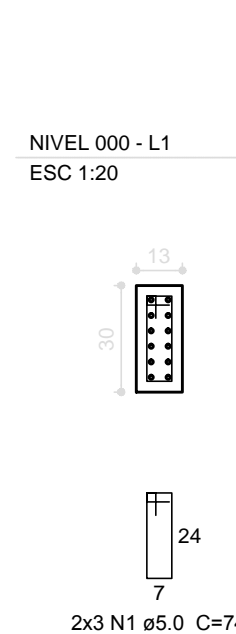


B5=B6=B7=B12 (2x20)

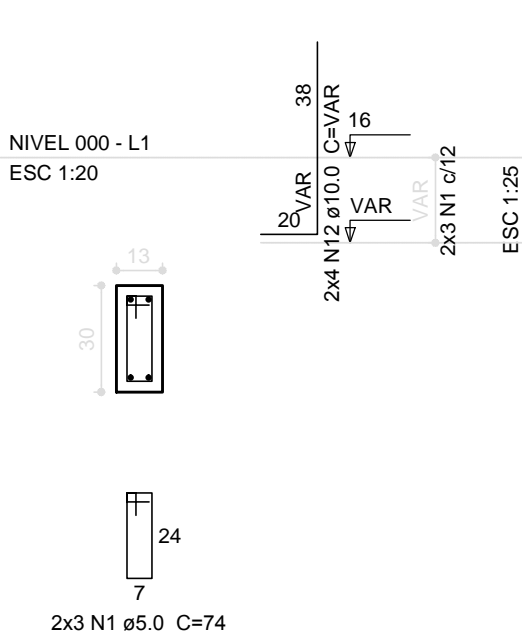


2 LEGENDA DOS BLOCOS  
ESCALA 1/25

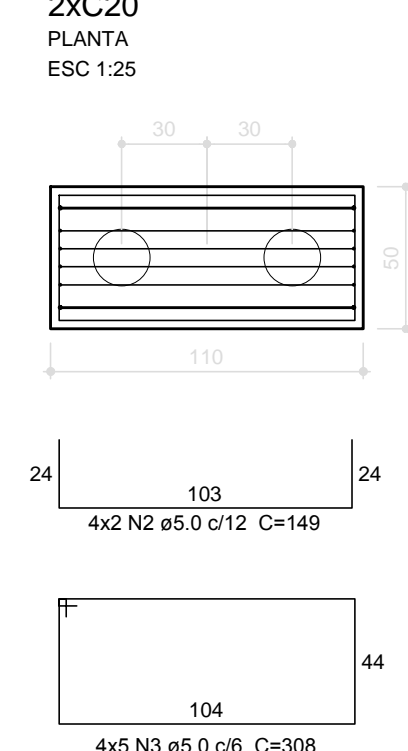
P5=P12



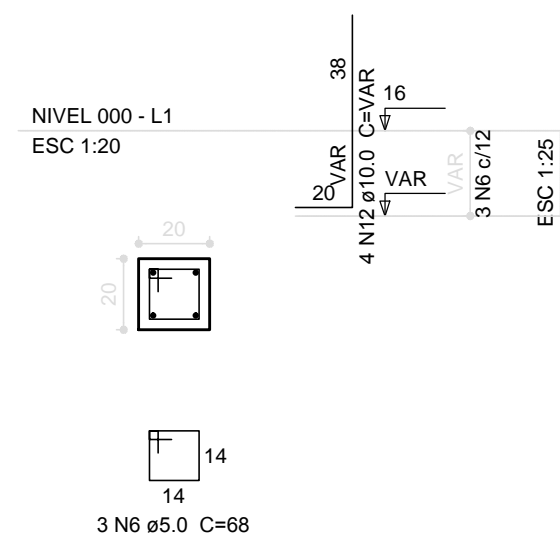
P6=P7



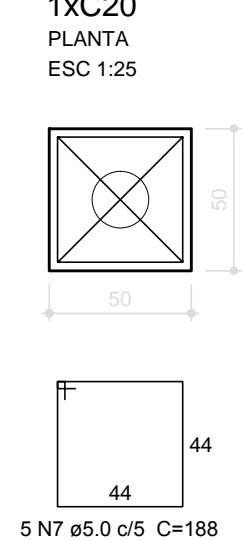
B5=B6=B7=B12



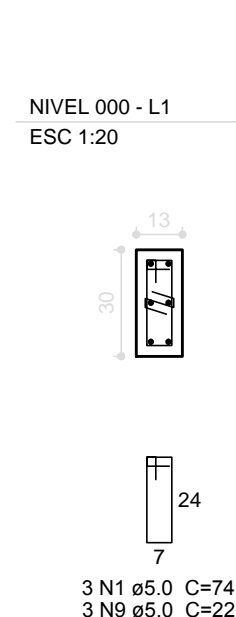
P13=P14  
=P15=P16



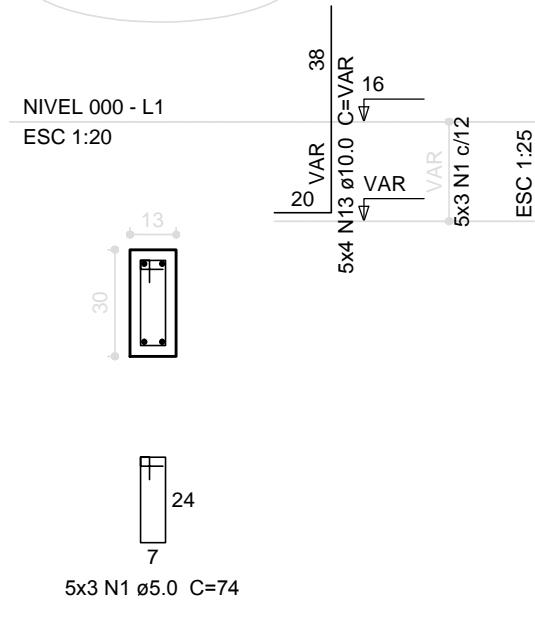
B13=B14  
=B15=B16



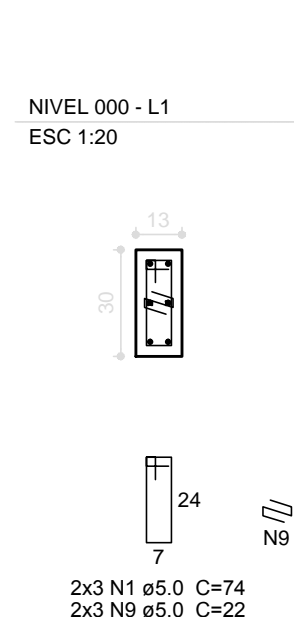
P3



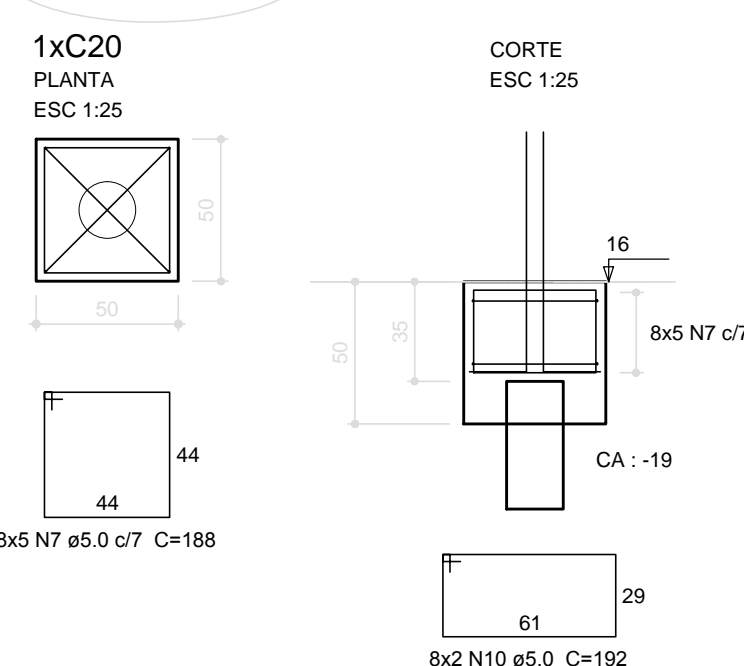
P1=P2=P8  
=P9=P10



P4=P11



B1=B2=B3=B4  
=B8=B9=B10=B11



### Relação do aço

AÇO	N	DIAM (mm)	C.TOTAL (m)	QUANT (Barras)		UNIT (cm)	C.TOTAL (cm)
				B11	B12		
CA60	1	5.0	36	74	2664		
	2	5.0	8	149	1192		
	3	5.0	20	308	6160		
	4	5.0	16	113	1808		
	5	5.0	20	146	2920		
CA50	6	5.0	12	68	816		
	7	5.0	60	188	11280		
	8	5.0	8	182	1456		
	9	5.0	9	22	198		
	10	5.0	16	192	3072		
	11	8.0	16	147	2352		
	12	10.0	24	VAR	VAR		
	13	10.0	34	VAR	VAR		
	14	10.0	4	VAR	VAR		
	15	12.5	24	VAR	VAR		

### Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8.0	23.6	10.2
	10.0	53.6	36.3
	12.5	22.6	23.9
CA60	5.0	315.7	53.5
PESO TOTAL (kg)			
CA50	70.5		
CA60	53.5		

Volume de concreto (C-25) = 2.55 m³  
Área de forma = 21.76 m²

3 BLOCOS DE FUNDAÇÃO  
ESCALA: INDICADA

**FNDE**  
Fundo Nacional de Desenvolvimento da Educação

Ministério da Educação

**BRASIL**  
PAÍS RICO É PAÍS SEM POBREZA

**PROJETO PADRÃO - FNDE**

MUNICÍPIO - UF:

PROPRIETÁRIO:

ENDEREÇO:

PROPRIETÁRIO

RESP. TÉCNICO

CAU/ CREA

DLFO

CAU/ CREA

RA

OBSERVAÇÕES:

**ESCOLA 6 SALAS DE AULA**  
**PROJETO DE ESTRUTURA**

COORDENAÇÃO  
CGEST - Coordenação Geral de Infraestrutura Educacional

LOCAÇÃO DA OBRA  
BLOCOS DE FUNDAÇÃO (BLOCO DE SERVIÇO)

**SFN**

REVISÃO

INDICADA

PRANCHA

FORMATO  
A1 (841x594)

R.02

DATA EMISSÃO  
FEVEREIRO/2014

**13/32**