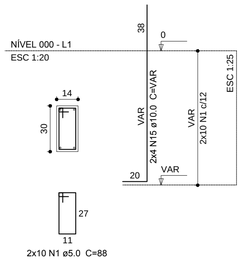
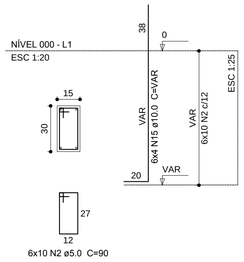
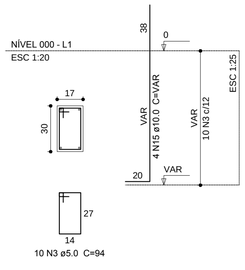
P10=P22



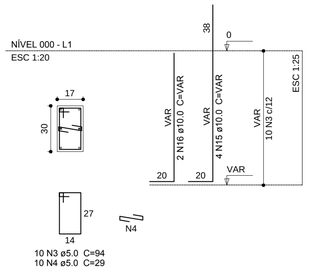
P8=P14=P15=P18=P19=P24



P25



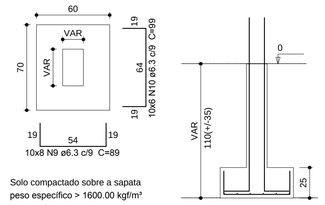
P9



S8=S9=S10=S14=S15=S18=S19=S22=S24=S25

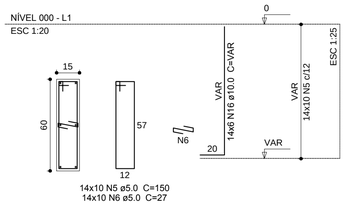
PLANTA
ESC 1:25

CORTE
ESC 1:25

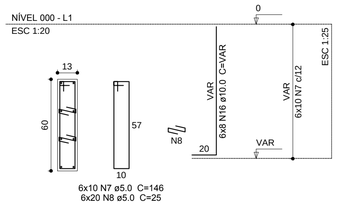


Solo compactado sobre a sapata
peso especifico > 1600.00 kgf/m²

P1=P2=P3=P4=P5=P6=P7=P26=P27=P28=P29
=P30=P31=P32



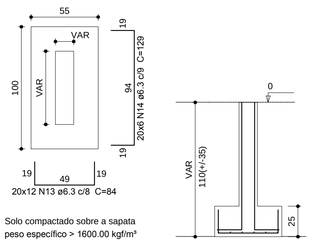
P12=P13=P16=P17=P20=P21



S1=S2=S3=S4=S5=S6=S7=S12=S13=S16=S17
=S20=S21=S26=S27=S28=S29=S30=S31=S32

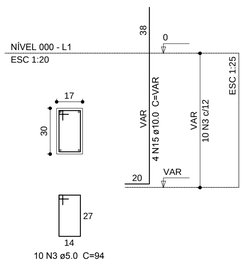
PLANTA
ESC 1:25

CORTE
ESC 1:25



Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

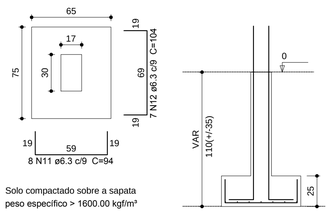
P11=P23



S11=S23

PLANTA
ESC 1:25

CORTE
ESC 1:25



Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

1 SAPATAS
ESCALA 1/25

Relação do aço

S1 2xS11 S25

AÇO	N	DIAM (mm)	QUANT (Barras)	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	20	88	1760
	2	5.0	60	90	5400
	3	5.0	40	94	3760
	4	5.0	10	29	290
	5	5.0	140	150	21000
	6	5.0	140	27	3780
	7	5.0	60	146	8760
	8	5.0	120	25	3000
CA50	9	6.3	80	89	7120
	10	6.3	60	99	5940
	11	6.3	16	94	1504
	12	6.3	14	104	1456
	13	6.3	240	84	20160
	14	6.3	120	129	15480
	15	10.0	48	VAR	VAR
	16	10.0	134	VAR	VAR

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO (kg)
CA50	6.3	516.6	124.6
	10.0	243.1	149.8
CA60	5.0	477.5	73.6

PESO TOTAL (kg)	
CA50	274.4
CA60	73.6

Volume de concreto (C-25) = 6.56 m³
Área de forma = 68.15 m²

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

PROJETO PADRÃO - FNDE

MUNICÍPIO – UF:

PROPRIETÁRIO:

ENDEREÇO:

PROPRIETÁRIO

RESP. TÉCNICO — CREA

DLFO — CREA

RA

OBSERVAÇÕES:

QUADRA ESCOLAR COBERTA E VESTIÁRIO

PROJETO ESTRUTURAL

COORDENAÇÃO
CGEST - Coordenação Geral de Infraestrutura Educacional

SAPATAS

SFN

REVISÃO R.00 — ESCALA 1/25 — PRANCHA 01/01

FORMATO A1 (841 X 594) — DATA EMISSÃO JUNHO/2016