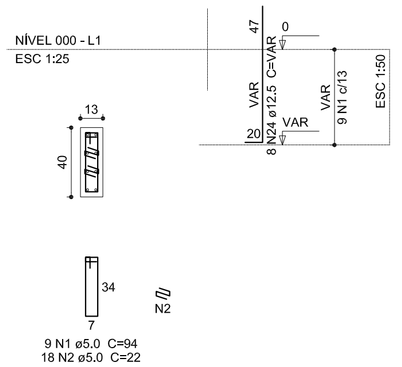
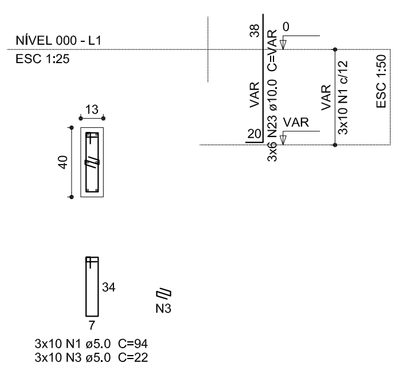
P32



9 N1 ø5,0 C=94
18 N2 ø5,0 C=22

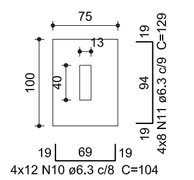
P53=P54=P60



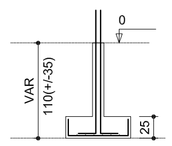
3x10 N1 ø5,0 C=94
3x10 N3 ø5,0 C=22

S32=S53=S54=S60

PLANTA
ESC 1:50

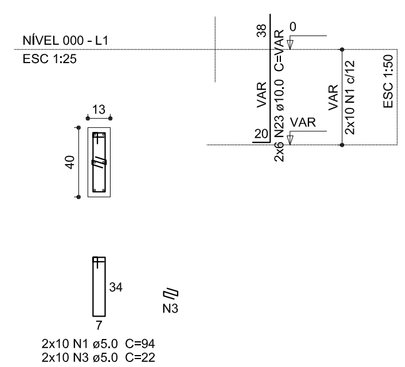


CORTE
ESC 1:50



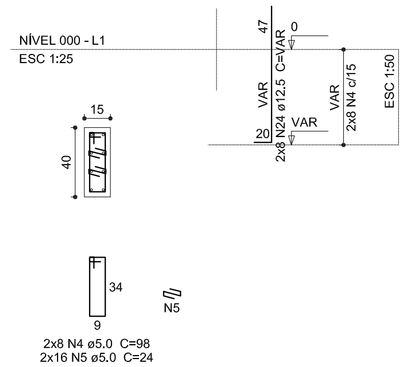
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

P18=P19



2x10 N1 ø5,0 C=94
2x10 N3 ø5,0 C=22

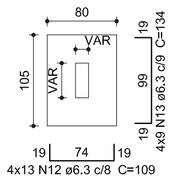
P28=P38



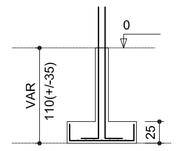
2x8 N4 ø5,0 C=98
2x16 N5 ø5,0 C=24

S18=S19=S28=S38

PLANTA
ESC 1:50



CORTE
ESC 1:50



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

Relação do aço

S1 S2 2xS22
S23 S28 S33
S53 S76

AÇO	N	DIAM (mm)	QUANT (Barras)	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	68	94	6392
	2	5.0	27	22	594
	3	5.0	50	22	1100
	4	5.0	42	98	4116
	5	5.0	72	24	1728
	6	5.0	44	118	5192
	7	5.0	60	24	1440
	8	5.0	10	148	1480
	9	5.0	10	39	390
CA50	10	6.3	48	104	4992
	11	6.3	32	129	4128
	12	6.3	52	109	5668
	13	6.3	45	134	6030
	14	6.3	24	139	3336
	15	6.3	13	114	1482
	16	6.3	9	149	1341
	17	6.3	20	144	2880
	18	6.3	33	154	5082
	19	8.0	27	103	2781
	20	8.0	11	113	1243
	21	8.0	42	118	4956
	22	8.0	11	133	1463
	23	10.0	58	VAR	VAR
	24	12.5	88	VAR	VAR

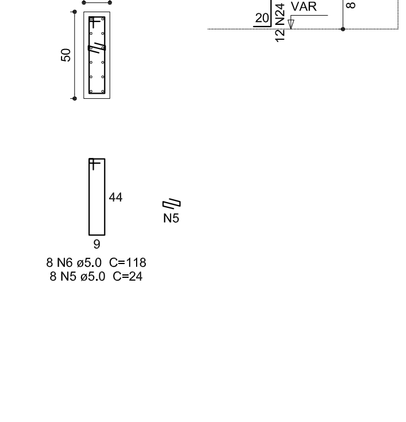
Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	349.4	94
	8.0	104.5	45.3
	10.0	96.3	65.3
	12.5	153.2	162.3
CA60	5.0	224.4	38

PESO TOTAL (kg)	
CA50	366.9
CA60	38

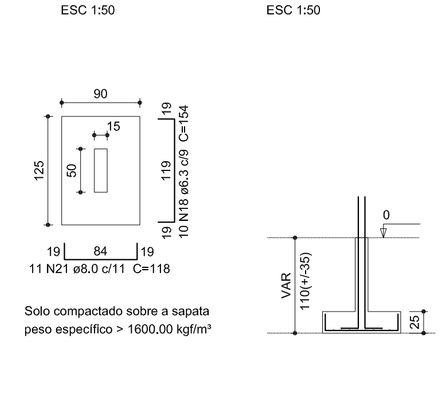
Volume de concreto (C-25) = 5,4 m³
Área de forma = 40.42 m²

P1



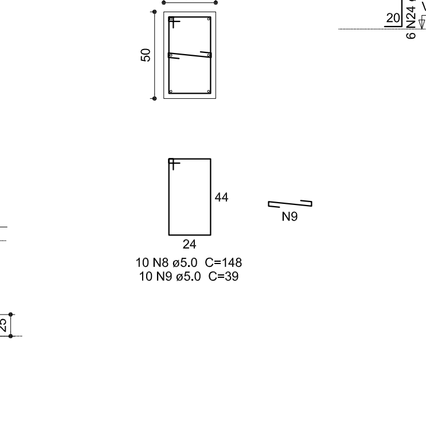
8 N6 ø5,0 C=118
8 N5 ø5,0 C=24

P10



9 N1 ø5,0 C=94
9 N2 ø5,0 C=22

P3



10 N6 ø5,0 C=118
20 N7 ø5,0 C=24

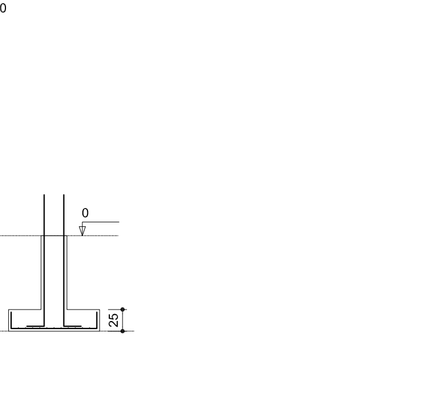
S1=S3=S10

PLANTA
ESC 1:50

CORTE
ESC 1:50

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

P23



8 N4 ø5,0 C=98
8 N5 ø5,0 C=24

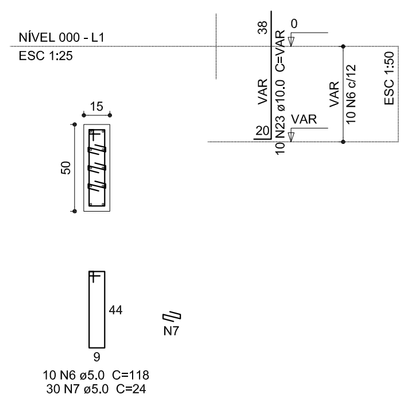
S23

PLANTA
ESC 1:50

CORTE
ESC 1:50

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

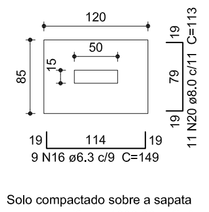
P2



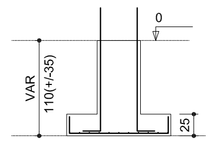
10 N6 ø5,0 C=118
30 N7 ø5,0 C=24

S2

PLANTA
ESC 1:50

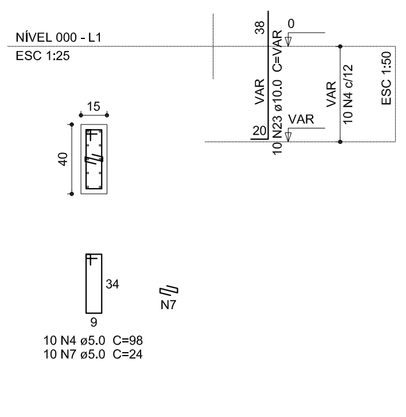


CORTE
ESC 1:50



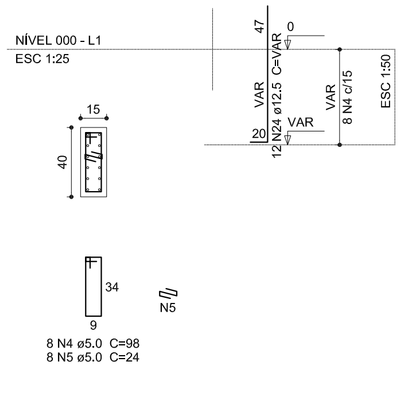
Solo compactado sobre a sapata
peso específico > 1600,00 kgf/m³

P76



10 N4 ø5,0 C=98
10 N7 ø5,0 C=24

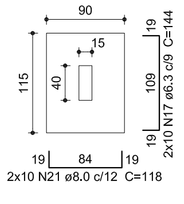
P77



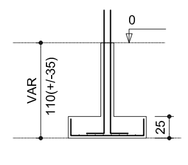
8 N4 ø5,0 C=98
8 N5 ø5,0 C=24

S76=S77

PLANTA
ESC 1:50



CORTE
ESC 1:50



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

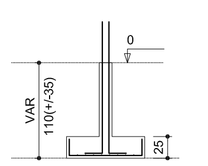
P22=P78

8 N6 ø5,0 C=118
8 N5 ø5,0 C=24

S22=S78

PLANTA
ESC 1:50

CORTE
ESC 1:50



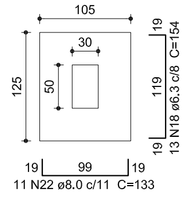
Solo compactado sobre a sapata
peso específico > 1600,00 kgf/m³

P33

10 N8 ø5,0 C=148
10 N9 ø5,0 C=39

S33

PLANTA
ESC 1:50



CORTE
ESC 1:50

Solo compactado sobre a sapata
peso específico > 1600,00 kgf/m³

FNDE Fundo Nacional de Desenvolvimento da Educação — Ministério da Educação — GOVERNO FEDERAL BRASIL PÁTRIA EDUCADORA

PROJETO PADRÃO - FNDE

PROPRIETÁRIO: : FUNDO NACIONAL DE DESENVOLVIMENTO DA EDUCAÇÃO - FNDE

ENDEREÇO:

MUNICÍPIO – UF:

PROPRIETÁRIO

RESP. TÉCNICO — CREA

AUTOR DO PROJETO — CAU

DLFO — DRF

RA

OBSERVAÇÕES:

PROJETO BÁSICO

PROGRAMA PROINFÂNCIA - PROJETO TIPO 2

PROJETO DE ESTRUTURA

COORDENAÇÃO: CGEST - Coordenação Geral de Infraestrutura Educacional

OPÇÃO 2 : FUNDAÇÃO SAPATA
SAPATAS

SCO

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PRANCHA: 14/14

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