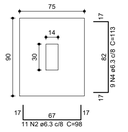
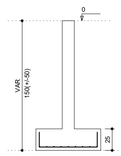
S41=S48=S50=S66=S73
PLANTA
ESC 1:25

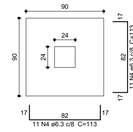


Solo compactado sobre a sapata
peso especifico > 1600.00 kgf/m³

CORTE
ESC 1:25

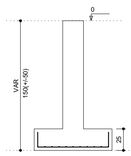


S28=S37=S40
PLANTA
ESC 1:25

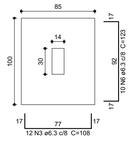


Solo compactado sobre a sapata
peso especifico > 1600.00 kgf/m³

CORTE
ESC 1:25

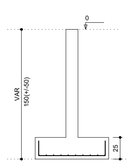


S1=S4=S6=S8=S10=S52
PLANTA
ESC 1:25

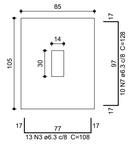


Solo compactado sobre a sapata
peso especifico > 1600.00 kgf/m³

CORTE
ESC 1:25

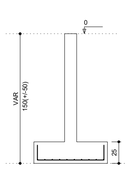


S13
PLANTA
ESC 1:25

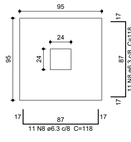


Solo compactado sobre a sapata
peso especifico > 1600.00 kgf/m³

CORTE
ESC 1:25

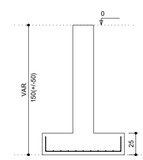


S31=S33=S35
PLANTA
ESC 1:25

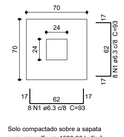


Solo compactado sobre a sapata
peso especifico > 1600.00 kgf/m³

CORTE
ESC 1:25

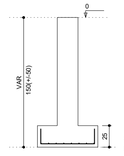


S32=S34=S36=S38=S43
PLANTA
ESC 1:25

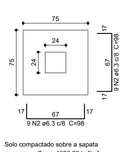


Solo compactado sobre a sapata
peso especifico > 1600.00 kgf/m³

CORTE
ESC 1:25

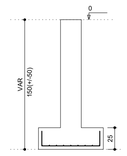


S30
PLANTA
ESC 1:25

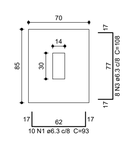


Solo compactado sobre a sapata
peso especifico > 1600.00 kgf/m³

CORTE
ESC 1:25

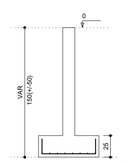


S47
PLANTA
ESC 1:25

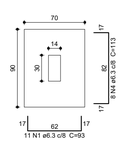


Solo compactado sobre a sapata
peso especifico > 1600.00 kgf/m³

CORTE
ESC 1:25

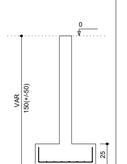


S49
PLANTA
ESC 1:25

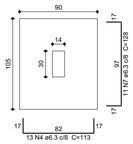


Solo compactado sobre a sapata
peso especifico > 1600.00 kgf/m³

CORTE
ESC 1:25

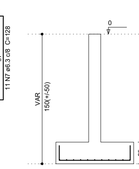


S2=S12
PLANTA
ESC 1:25

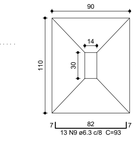


Solo compactado sobre a sapata
peso especifico > 1600.00 kgf/m³

CORTE
ESC 1:25

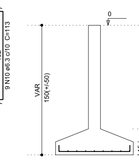


S58=S59
PLANTA
ESC 1:25

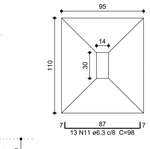


Solo compactado sobre a sapata
peso especifico > 1600.00 kgf/m³

CORTE
ESC 1:25

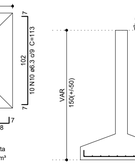


S27=S53
PLANTA
ESC 1:25

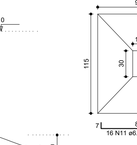


Solo compactado sobre a sapata
peso especifico > 1600.00 kgf/m³

CORTE
ESC 1:25

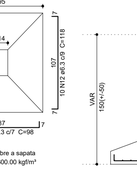


S3=S5=S7
PLANTA
ESC 1:25

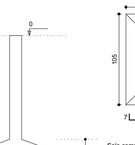


Solo compactado sobre a sapata
peso especifico > 1600.00 kgf/m³

CORTE
ESC 1:25

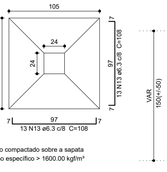


S39
PLANTA
ESC 1:25

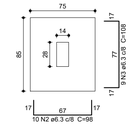


Solo compactado sobre a sapata
peso especifico > 1600.00 kgf/m³

CORTE
ESC 1:25

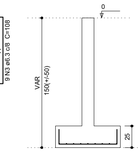


S51
PLANTA
ESC 1:25

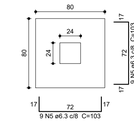


Solo compactado sobre a sapata
peso especifico > 1600.00 kgf/m³

CORTE
ESC 1:25

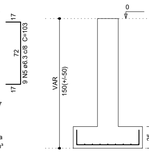


S42
PLANTA
ESC 1:25



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

CORTE
ESC 1:25

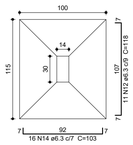


Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT (Barras)	PESO (kg)
CA50	6.3	2201.7	184	538.8
	8.0	406.3	34	160.3
PESO TOTAL (kg)				
CA50	699.1			

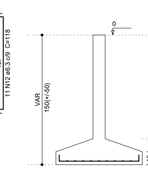
Volume de concreto (C-25) = 19.55 m³
Área de forma = 57.29 m²

S9=S11=S60
PLANTA
ESC 1:25

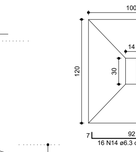


Solo compactado sobre a sapata
peso especifico > 1600.00 kgf/m³

CORTE
ESC 1:25

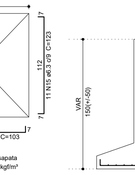


S55=S67
PLANTA
ESC 1:25

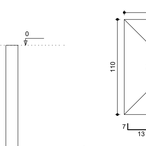


Solo compactado sobre a sapata
peso especifico > 1600.00 kgf/m³

CORTE
ESC 1:25

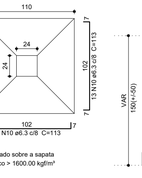


S29
PLANTA
ESC 1:25

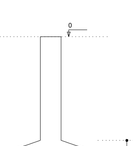


Solo compactado sobre a sapata
peso especifico > 1600.00 kgf/m³

CORTE
ESC 1:25

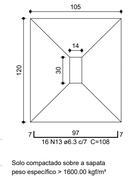


S45
PLANTA
ESC 1:25

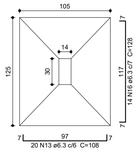


Solo compactado sobre a sapata
peso especifico > 1600.00 kgf/m³

CORTE
ESC 1:25

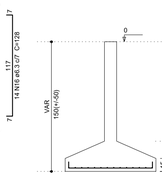


S14=S20=S46=S63=S64
PLANTA
ESC 1:25

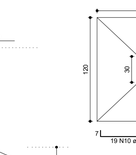


Solo compactado sobre a sapata
peso especifico > 1600.00 kgf/m³

CORTE
ESC 1:25

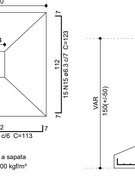


S70
PLANTA
ESC 1:25

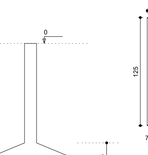


Solo compactado sobre a sapata
peso especifico > 1600.00 kgf/m³

CORTE
ESC 1:25

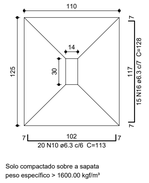


S21=S54=S57=S71=S72
PLANTA
ESC 1:25

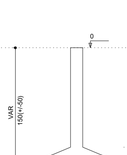


Solo compactado sobre a sapata
peso especifico > 1600.00 kgf/m³

CORTE
ESC 1:25

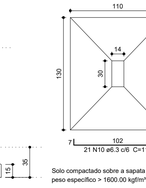


S61=S68
PLANTA
ESC 1:25

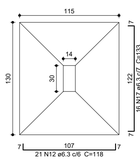


Solo compactado sobre a sapata
peso especifico > 1600.00 kgf/m³

CORTE
ESC 1:25

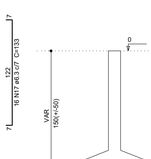


S44
PLANTA
ESC 1:25

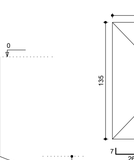


Solo compactado sobre a sapata
peso especifico > 1600.00 kgf/m³

CORTE
ESC 1:25

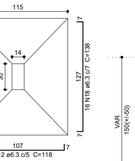


S65
PLANTA
ESC 1:25

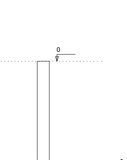


Solo compactado sobre a sapata
peso especifico > 1600.00 kgf/m³

CORTE
ESC 1:25

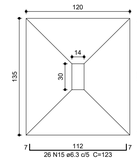


S25=S62
PLANTA
ESC 1:25

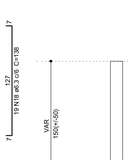


Solo compactado sobre a sapata
peso especifico > 1600.00 kgf/m³

CORTE
ESC 1:25

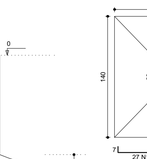


S23=S24
PLANTA
ESC 1:25

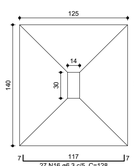


Solo compactado sobre a sapata
peso especifico > 1600.00 kgf/m³

CORTE
ESC 1:25

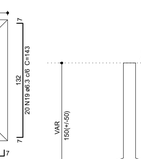


S22=S69
PLANTA
ESC 1:25

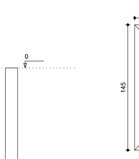


Solo compactado sobre a sapata
peso especifico > 1600.00 kgf/m³

CORTE
ESC 1:25

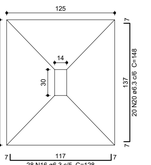


S26=S56
PLANTA
ESC 1:25

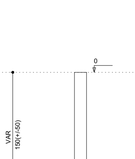


Solo compactado sobre a sapata
peso especifico > 1600.00 kgf/m³

CORTE
ESC 1:25

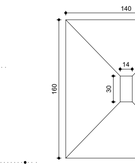


S16
PLANTA
ESC 1:25

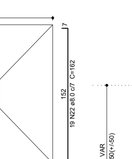


Solo compactado sobre a sapata
peso especifico > 1600.00 kgf/m³

CORTE
ESC 1:25

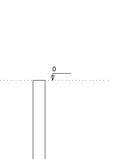


S18
PLANTA
ESC 1:25

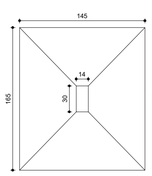


Solo compactado sobre a sapata
peso especifico > 1600.00 kgf/m³

CORTE
ESC 1:25

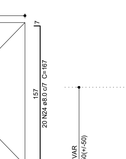


S17
PLANTA
ESC 1:25

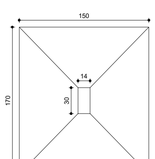


Solo compactado sobre a sapata
peso especifico > 1600.00 kgf/m³

CORTE
ESC 1:25

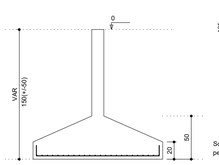


S19
PLANTA
ESC 1:25

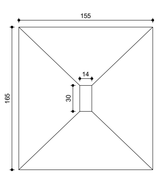


Solo compactado sobre a sapata
peso especifico > 1600.00 kgf/m³

CORTE
ESC 1:25

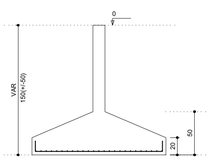


S15
PLANTA
ESC 1:25



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

CORTE
ESC 1:25



Detalhamento das Sapatas

PRANCHA:
07/15

PROJETO ESTRUTURAL

DEZEMBRO/2022

PROJETO ESTRUTURAL DE UMA ESCOLA DE 06 SALAS DE AULA

LOCALIZAÇÃO:

SEDE DO MUNICIPIO DE ALHANDRA-PB

BAIRRO ACAIS

PROPRIETÁRIO: PREFEITURA MUNICIPAL DE ALHANDRA-PB

AÇOS:	CONCRETO:	CLASSE DE AGRESSIVIDADE:
CA - 50 e CA- 60	25 Mpa	I - FRACA

ÁREAS:

PROPRIETÁRIO: PREFEITURA MUNICIPAL DE ALHANDRA-PB

RESPONSÁVEL TÉCNICO :

REVISÃO Nº	DATA	DESCRIÇÃO
00	05/12/2022	EMISSÃO INICIAL

NORMAS INCIDENTES SOBRE O PROJETO:

NBR 6122 - PROJETO E EXECUÇÃO DE FUNDAÇÕES, 20/09/2010.
NBR 6118 - PROJETO DE ESTRUTURAS DE CONCRETO - PROCEDIMENTO, 07/08/2014.
NBR 6120 - CARGAS PARA CÁLCULO DE ESTRUTURAS DE EDIFICAÇÕES, 30/11/1980. ERRATA EM 30/04/2000.
NBR 8681 - AÇÕES DE SEGURANÇA NAS ESTRUTURAS, PROCEDIMENTO, 31/03/2004.
NBR 41432 - EXIGÊNCIAS DE RESISTÊNCIA AO FOGO DE ELEMENTOS CONSTRUTIVOS DE EDIFICAÇÕES - PROCEDIMENTO, 30/11/2001.
NBR 15200 - PROJETO DE ESTRUTURAS DE CONCRETO EM SITUAÇÃO DE INCÊNDIO, 26/05/2012.