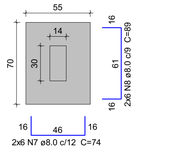
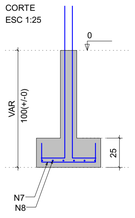
S17=S24

PLANTA
ESC 1:25



Solo com capacidade de suporte > 2.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

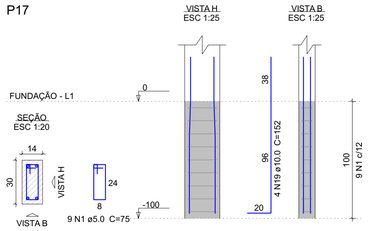
CORTE
ESC 1:25



P17

VISTA H
ESC 1:25

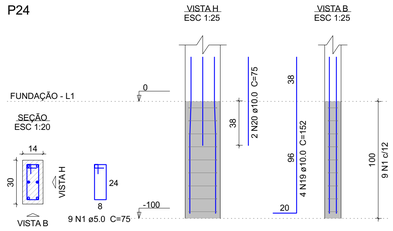
VISTA B
ESC 1:25



P24

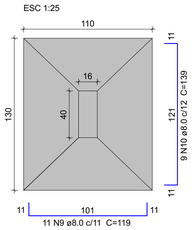
VISTA H
ESC 1:25

VISTA B
ESC 1:25



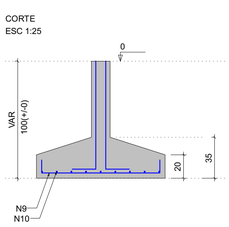
S26

PLANTA
ESC 1:25



Solo com capacidade de suporte > 2.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

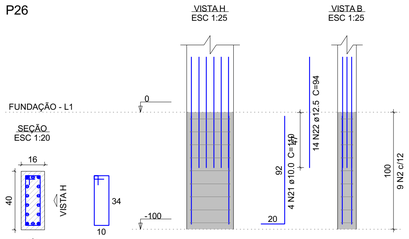
CORTE
ESC 1:25



P26

VISTA H
ESC 1:25

VISTA B
ESC 1:25



Relação do aço

S17 S24 S26 2xS30 S33 S35 S37 S38 S39 S40

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	45	75	3375
	2	5.0	9	99	891
	3	5.0	36	95	3420
	4	5.0	45	23	1035
	5	5.0	9	119	1071
	6	5.0	9	25	225
CA50	7	8.0	12	74	888
	8	8.0	18	89	1602
	9	8.0	11	119	1309
	10	8.0	16	139	2224
	11	8.0	29	104	3016
	12	8.0	12	129	1548
	13	8.0	19	109	2071
	14	8.0	7	134	938
	15	8.0	6	119	714
	16	8.0	7	94	658
	17	8.0	12	109	1308
	18	8.0	7	79	553
	19	10.0	46	152	6992
	20	10.0	2	75	150
	21	10.0	10	110	1100
	22	12.5	24	94	2256

Resumo do aço

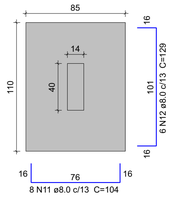
AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 10 % (Barras)	PESO + 10 % (kg)
CA50	8.0	168.3	16	73
	10.0	82.5	8	55.9
	12.5	22.6	3	23.9
CA60	5.0	100.2	-	17

PESO TOTAL (kg)	
CA50	152.8
CA60	17

Volume de concreto (C-25) = 2.74 m³
Área de forma = 17.39 m²

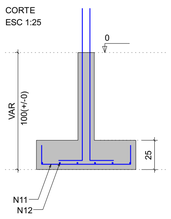
S30=S36

PLANTA
ESC 1:25



Solo com capacidade de suporte > 2.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

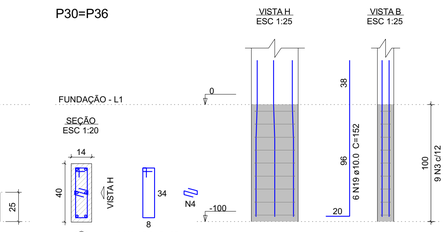
CORTE
ESC 1:25



P30=P36

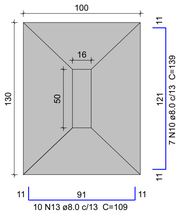
VISTA H
ESC 1:25

VISTA B
ESC 1:25



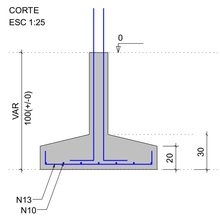
S33

PLANTA
ESC 1:25



Solo com capacidade de suporte > 2.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

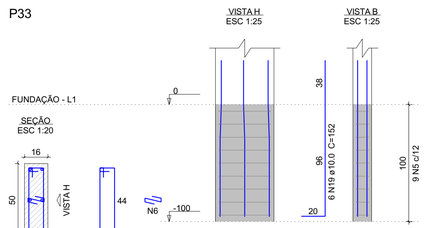
CORTE
ESC 1:25



P33

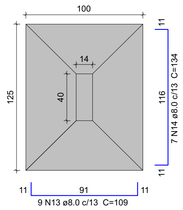
VISTA H
ESC 1:25

VISTA B
ESC 1:25



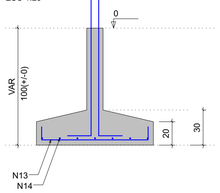
S35

PLANTA
ESC 1:25



Solo com capacidade de suporte > 2.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

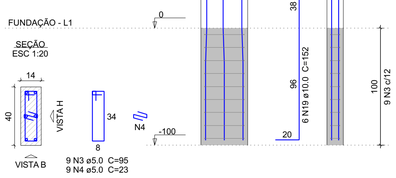
CORTE
ESC 1:25



P35

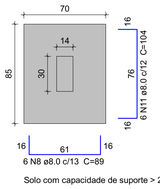
VISTA H
ESC 1:25

VISTA B
ESC 1:25



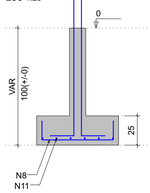
S37

PLANTA
ESC 1:25



Solo com capacidade de suporte > 2.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

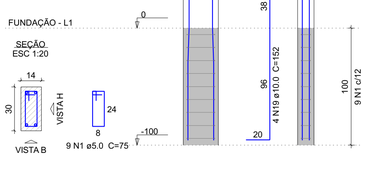
CORTE
ESC 1:25



P37

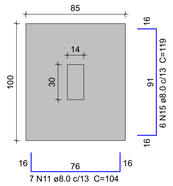
VISTA H
ESC 1:25

VISTA B
ESC 1:25



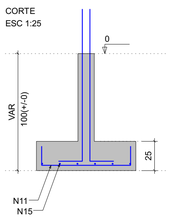
S38

PLANTA
ESC 1:25



Solo com capacidade de suporte > 2.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

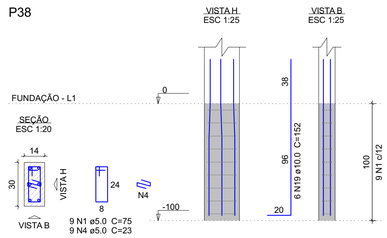
CORTE
ESC 1:25



P38

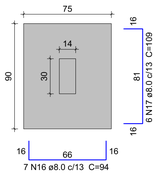
VISTA H
ESC 1:25

VISTA B
ESC 1:25



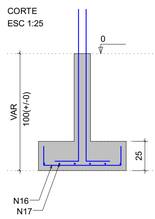
S39

PLANTA
ESC 1:25



Solo com capacidade de suporte > 2.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

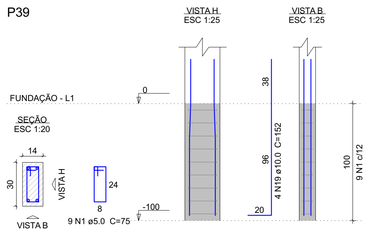
CORTE
ESC 1:25



P39

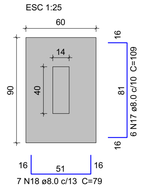
VISTA H
ESC 1:25

VISTA B
ESC 1:25



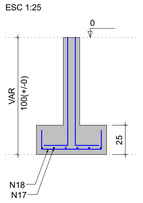
S40

PLANTA
ESC 1:25



Solo com capacidade de suporte > 2.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

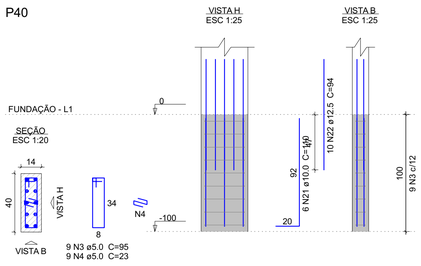
CORTE
ESC 1:25



P40

VISTA H
ESC 1:25

VISTA B
ESC 1:25



PREFEITURA MUNICIPAL DE ARAPIRACA

Secretaria Municipal de Infraestrutura

Projeto Estrutural em Concreto Armado

Título/ Obra: Centro de Referência da Assistência Social - CRAS

Localização: Rua Pedro Tertuliano, Planalto, Arapiraca - AL

Proprietário/ Responsável:

Prefeitura Municipal de Arapiraca - CNPJ: 12198693/ 0001-58

Valmir Rodrigues de Albuquerque Filho
CREA/AL - 0215091841

Dados do Projeto:

ÁREA DO TERRENO: 2.024,00m²
ÁREA CONSTRUÍDA: 381,00 m²
ÁREA DE COBERTA: 423,00m²

Assunto: Fundações do pavimento Fundação

Atenção: Conferir as Medidas no Local

Desenho: SEMINFRA

Data:

Escala: Indicada

Prancha Nº: 6 / 16