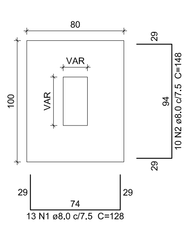
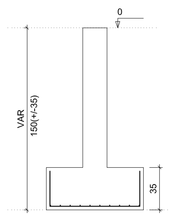
S1=S2=S3=S4=S5=S6=S7=S10=S11=S12=S13
=S14=S25=S26=S28=S38=S39=S40=S41=S42
=S43=S50=S58=S59=S60=S63=S64=S65=S66
=S67=S68=S69=S71=S72=S73=S74=S76=S77
=S78=S79=S80=S81=S82=S83

PLANTA
ESC 1:25

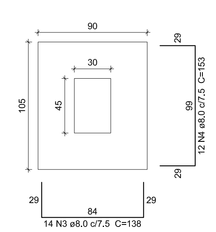



CORTE
ESC 1:25

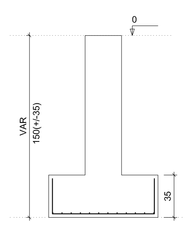



S8=S15

PLANTA
ESC 1:25

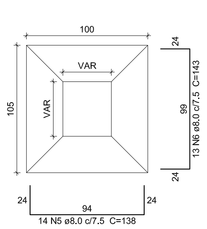



CORTE
ESC 1:25

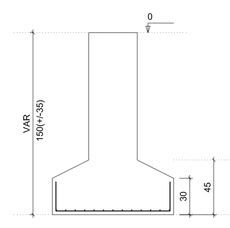



S9=S16=S20=S21

PLANTA
ESC 1:25

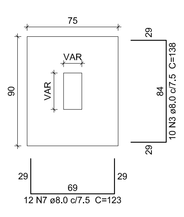



CORTE
ESC 1:25

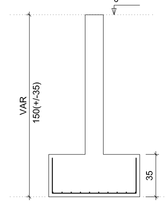



S17=S18=S19=S22=S23=S24=S29=S30=S31=S32
=S33=S34=S35=S36=S37=S44=S45=S46=S47
=S48=S49=S54=S55=S56=S57=S61=S62=S70
=S75=S84=S85=S86=S87=S88=S89=S90=S91

PLANTA
ESC 1:25

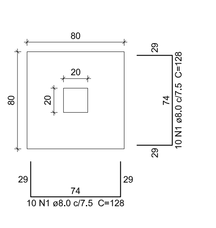



CORTE
ESC 1:25

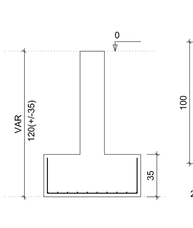



S27

PLANTA
ESC 1:25

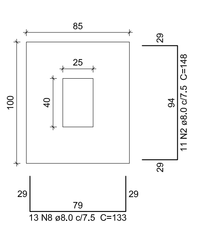



CORTE
ESC 1:25

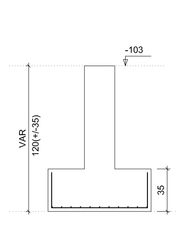



S51=S52=S53

PLANTA
ESC 1:25




CORTE
ESC 1:25




## Relação do aço

44xS2 37xS18 — 2xS15 S27 — 4xS16 3xS51

| AÇO | N | DIAM | Q | UNIT (cm) | C.TOTAL (cm) |
|---|---|---|---|---|---|
| CA50 | 1 | 8,0 | 592 | 128 | 75776 |
| | 2 | 8,0 | 473 | 148 | 70004 |
| | 3 | 8,0 | 398 | 138 | 54924 |
| | 4 | 8,0 | 24 | 153 | 3672 |
| | 5 | 8,0 | 56 | 138 | 7728 |
| | 6 | 8,0 | 52 | 143 | 7436 |
| | 7 | 8,0 | 444 | 123 | 54612 |
| | 8 | 8,0 | 39 | 133 | 5187 |

## Resumo do aço

| AÇO | DIAM | C.TOTAL (m) | PESO + 10 % (kg) |
|---|---|---|---|
| CA50 | 8,0 | 2793,4 | 1212,4 |
| PESO TOTAL | | | |
| CA50 | 1212,4 | | |

Vol. de concreto total (C-30) = 24,43 m³
Área de forma total = 110,83 m²

GOVERNO DO ESTADO DO PIAUÍ

SEDUC - SECRETARIA DE ESTADO DA EDUCAÇÃO

DEPARTAMENTO: GERÊNCIA DE ARQUITETURA E ENGENHARIA

TÍTULO DO PROJETO: PROJETO DE CONSTRUÇÃO - U.E MARTIN PINHEIRO

ENDEREÇO DO SERVIÇO: Rua Simão Borges, S/N, Centro

TÍTULO DO DESENHO: DETALHAMENTO DE SAPATAS

DESENHO: EST1

FRANCHA: 01/01

ARQUITETO(A):

MUNICÍPIO: Palmeira do Piauí-PI

ZONA: URBANA

DESENHO:

ESCALA: INDICADA

FASE: PROJETO BÁSICO

DATA: DATA REV.ATUAL

REVISÃO: 01