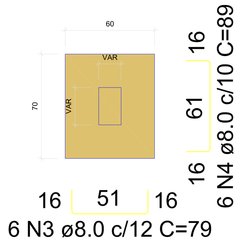
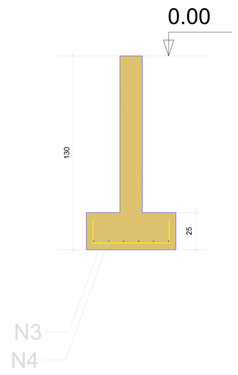
S1=S2=S3=S4=S5=S6=S7=S8=S9=S10=S11=S12=S13=S14 =S15=S16=S17=S22=S23=S25=S26==S28=S29=S30=S31 =S34=S35

PLANTA
ESC 1:25

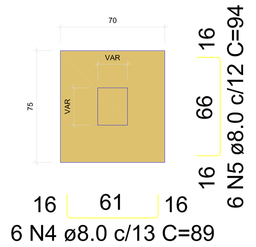


CORTE
ESC 1:25

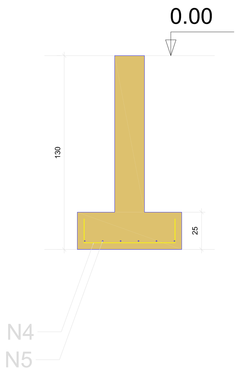


S18=S20=S27=S33

PLANTA
ESC 1:25

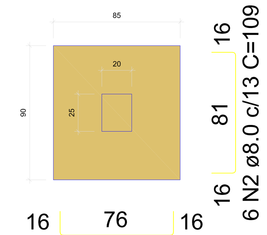


CORTE
ESC 1:25

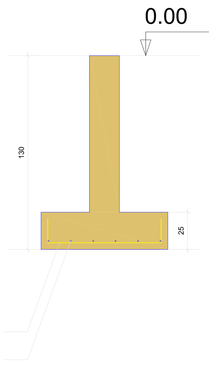


S19=S32

PLANTA
ESC 1:25



CORTE
ESC 1:25



RELAÇÃO DO AÇO

2xS19 23xS26 4xS33

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA50	1	8.0	14	104	1456
	2	8.0	12	109	1308
	3	8.0	138	79	10902
	4	8.0	162	89	14418
	5	8.0	24	94	2256

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 10% (Barras)	UNIT	PESO + 10% (kg)
CA50	8.0	303.4	28	12 m	131.7

PESO TOTAL (kg)	
CA50	131.7

Volume de concreto (C-25) = 3.32 m³
Área de forma = 19.60 m²

RELAÇÃO DO AÇO

8xS43 S50 S52
4xS53 S60 17xS69
S70 S73 S75
3xS76 S81

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA50	1	8.0	48	94	4512
	2	8.0	72	99	7128
	3	8.0	108	89	9612
	4	8.0	6	104	624
	5	8.0	24	84	2016
	6	8.0	138	79	10902
	7	8.0	7	109	763
	8	8.0	7	114	798
	9	8.0	18	124	2232
	10	8.0	14	99	1386
	11	10.0	26	178	4628
	12	10.0	12	198	2376
	13	10.0	12	183	2196
	14	10.0	22	158	3476

RESUMO DO AÇO

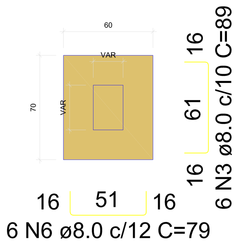
AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 10% (Barras)	UNIT	PESO + 10% (kg)
CA50	8.0	399.7	37	12 m	173.5
	10.0	126.8	12	12 m	86

PESO TOTAL (kg)	
CA50	259.5

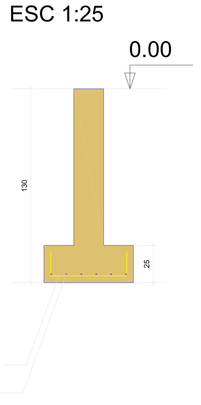
Volume de concreto (C-25) = 7.45 m³
Área de forma = 29.31 m²

S39=S40=S41=S44=S46=S54=S55=S56=S57=S58=S59=S61=S62 =S65=S67=S72=S73=S77=S79

PLANTA
ESC 1:25

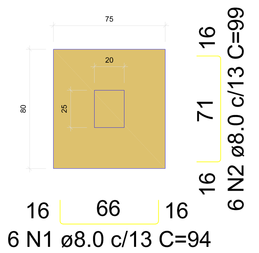


CORTE
ESC 1:25

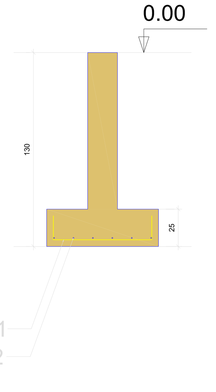


S42=S43=S45=S47=S63=S64=S66=S68

PLANTA
ESC 1:25

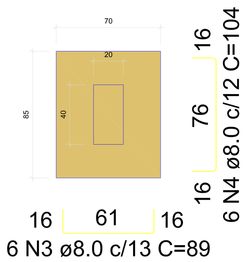


CORTE
ESC 1:25

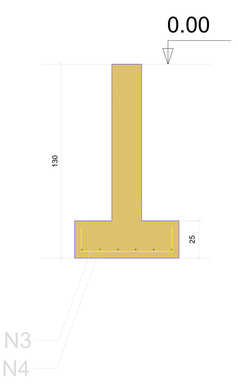


S52

PLANTA
ESC 1:25

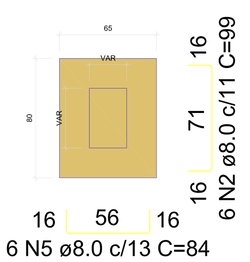


CORTE
ESC 1:25

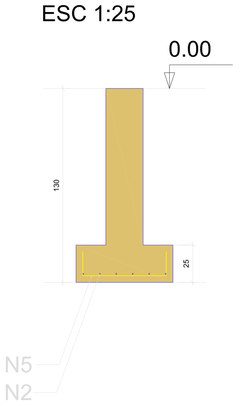


S53

PLANTA
ESC 1:25

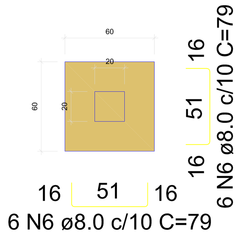


CORTE
ESC 1:25

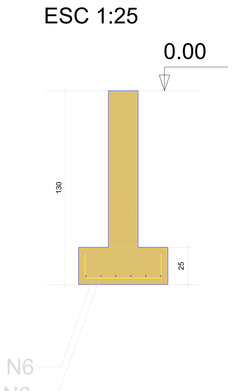


S74=S76=S78=S80

PLANTA
ESC 1:25

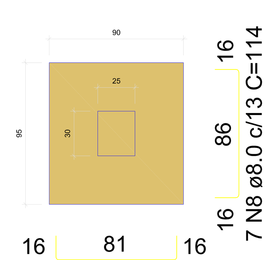


CORTE
ESC 1:25

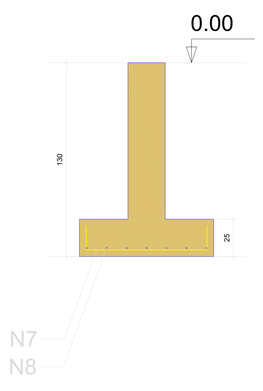


S70

PLANTA
ESC 1:25

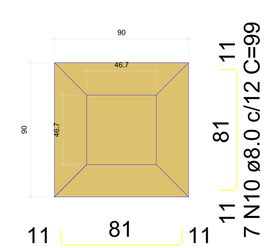


CORTE
ESC 1:25

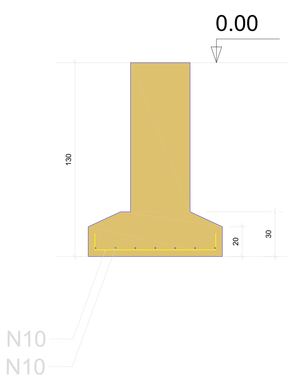


S75

PLANTA
ESC 1:25

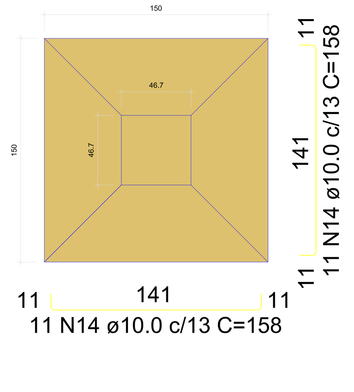


CORTE
ESC 1:25

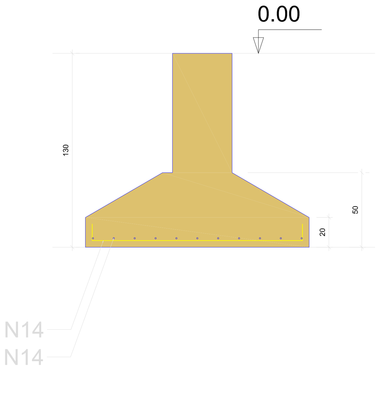


S81

PLANTA
ESC 1:25



CORTE
ESC 1:25



1 sapatas
1 : 200

Título do projeto:
Construção e ampliação do 11º BPM

Título do desenho:
Sapatas

Endereço da Obra:
Av Presidente Vargas, 1410, Bairro Cristo Rei, São Miguel do Guaporé-RO

Zoneamento:	Coef. de Aprov.:	Taxa de Ocupação:	Data do Projeto:	Escala:	Prancha:
			Set/21	Como indicado	1 /1

Uso da edificação: **Institucional** Revisão nº:

Proprietário: Governo do Estado de Rondônia
CPF/CNPJ: 04.562.872/0001-02

Profissional Responsável pelo Projeto:
Nome do Profissional: Rosemberg Alves Fortes
CAU/CREA nº: 18361 D -RO
Telefone: 69-99963-3741
E-mail: ENG.RAF011@GMAIL.COM
Projetista: Rosemberg Alves Fortes

Quadro de Áreas (m²):

Assinaturas:
Rosemberg Alves Fortes
Engenheiro Civil
CREA-RO 18361D-RO
Rosemberg Alves Fortes
CREA 18361 D-RO

Nome do Profissional Responsável Técnico
CAU Nº / CREA Nº
Declaro que a aprovação do projeto não implica no reconhecimento pela Prefeitura do direito de propriedade do terreno.

Espaço reservado para aprovação de vistoria:

Espaço reservado para aprovação de projeto: