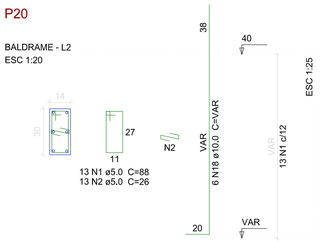
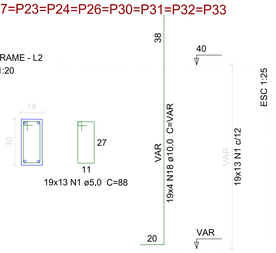
P20

BALDRAME - L2
ESC 1:20



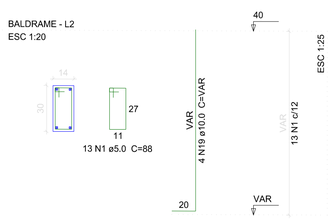
P1=P4=P5=P7=P8=P9=P12=P13=P14=P15=P16 =P17=P23=P24=P26=P30=P31=P32=P33

BALDRAME - L2
ESC 1:20



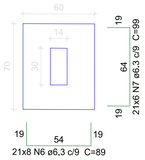
P29

BALDRAME - L2
ESC 1:20

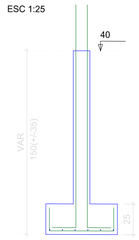


S1=S4=S5=S7=S8=S9=S12=S13=S14=S15=S16 =S17=S20=S23=S24=S26=S29=S30=S31=S32 =S33

PLANTA
ESC 1:25



CORTE
ESC 1:25



Solo com capacidade de suporte > 1.20 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

Relação do aço

S11
S22
S18
S24
S21
2xS28

AÇO	N	DIAM (mm)	QUANT (Barras)	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	412	88	36256
	2	5.0	26	26	676
	3	5.0	11	106	1166
	4	5.0	11	26	286
	5	5.0	10	100	1000
CA50	6	6.3	168	89	14952
	7	6.3	126	99	12474
	8	6.3	63	94	5922
	9	6.3	49	109	5341
	10	6.3	24	139	3336
	11	6.3	12	124	1488
	12	6.3	10	139	1390
	13	6.3	20	104	2080
	14	6.3	16	124	1984
	15	8.0	22	118	2596
	16	8.0	9	113	1017
	17	8.0	9	118	1062
	18	10.0	120	VAR	VAR
	19	10.0	4	VAR	VAR
	20	10.0	2	75	150
	21	12.5	8	VAR	VAR
	22	16.0	18	VAR	VAR

Resumo do aço

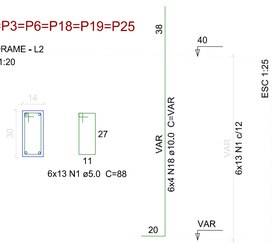
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	489.7	131.8
	8.0	46.8	20.3
	10.0	255.4	173.2
	12.5	17.2	18.1
	16.0	40,7	70.6
CA60	5.0	393.9	66.8

PESO TOTAL (kg)	
CA50	414
CA60	66.8

Volume de concreto (C-25) = 6.71 m³
Área de forma = 69,3 m²

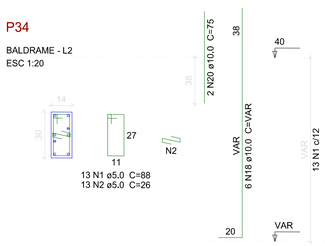
P2=P3=P6=P18=P19=P25

BALDRAME - L2
ESC 1:20



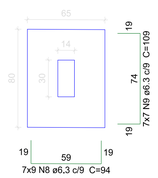
P34

BALDRAME - L2
ESC 1:20

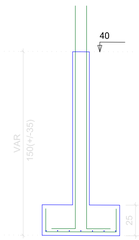


S2=S3=S6=S18=S19=S25=S34

PLANTA
ESC 1:25



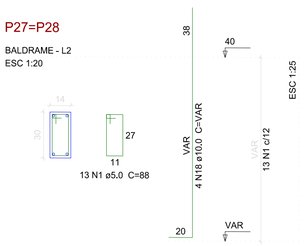
CORTE
ESC 1:25



Solo com capacidade de suporte > 1.20 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

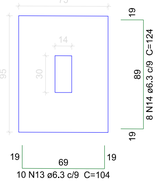
P27=P28

BALDRAME - L2
ESC 1:20

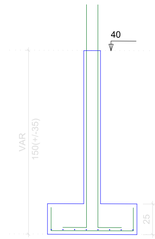


S27=S28

PLANTA
ESC 1:25



CORTE
ESC 1:25

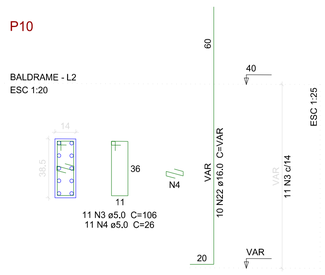


Solo com capacidade de suporte > 1.20 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

- Tipo de Fundação: SAPATA;
- Ɗadm = 1,20 Kgf/cm²;
- fck= 30 Mpa;
- Aço CA-50;
- Cobrimento = 5 cm;
- Sem forma;
- Fundo da escavação deve ser verificado por engenheiro especializado para determinar Ɗadm;
- O concreto magro deve ser realizado no traço 1:5:5 com espessura de 5 cm;
- Locação deve ser realizada de acordo com a PLANTA DE LOCAÇÃO E CARGA DOS PILARES;
- A profundidade especificada na tabela é a mínima. Verificar in loco a profundidade real em função da Ɗadm;
- Unidade de medida do projeto: centímetros.

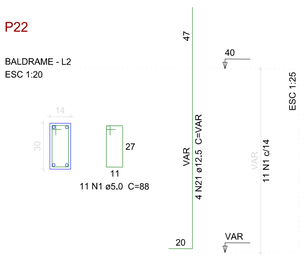
P10

BALDRAME - L2
ESC 1:20



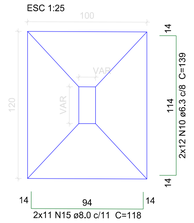
P22

BALDRAME - L2
ESC 1:20

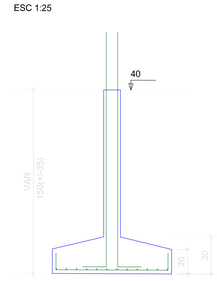


S10=S22

PLANTA
ESC 1:25



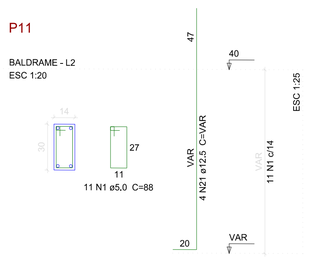
CORTE
ESC 1:25



Solo com capacidade de suporte > 1.20 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

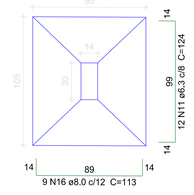
P11

BALDRAME - L2
ESC 1:20

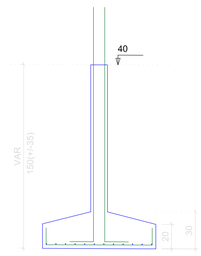


S11

PLANTA
ESC 1:25



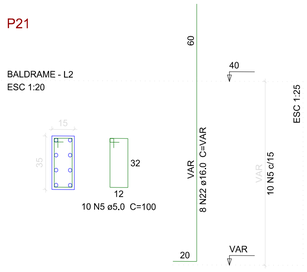
CORTE
ESC 1:25



Solo com capacidade de suporte > 1,20 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

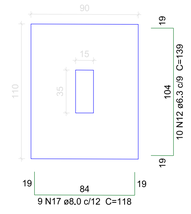
P21

BALDRAME - L2
ESC 1:20

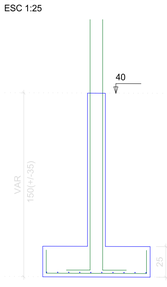


S21

PLANTA
ESC 1:25



CORTE
ESC 1:25



Solo com capacidade de suporte > 1,20 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

ITAPURANGA - GOIÁS

APROVAÇÃO: Geraldo Paulo Fernandes:87943166191 Assinado de forma digital por Geraldo Paulo Fernandes:87943166191

DADOS DO PROJETO:

CONSTRUÇÃO DO CENTRO DE REFERÊNCIA DA ASSISTÊNCIA SOCIAL - CRAS, NO MUNICÍPIO DE ITAPURANGA - GO.

OBRA COM RECURSOS ESTADUAL

ÁREA DO LOTE = 450,00 M2
ÁREA DE CONSTRUÇÃO: 259,51 M2

A R T N° 1020260081868

PROJETO ESTRUTURAL

ENDEREÇO OBRA:
RUA 05, QUADRA 20, LOTE 01, AREA A.P.M., VILA BARRINHA, ITAPURANGA _ GO

PROPRIETÁRIO:
GERALDO PAULO FERNANDES
PREFEITO MUNICIPAL
ITAPURANGA - GOIÁS

Geraldo Paulo Fernandes:87943166191 Assinado de forma digital por Geraldo Paulo Fernandes:87943166191

AUTORES:
TARSO BARREIRA SILVA:43968589149 Assinado de forma digital por TARSO BARREIRA SILVA:43968589149 Dados: 2026.04.01 16:07:37 -03'00'
Autor.: Tarso Barreira Silva
Engª civil CREA 6.921/D-GO

Conteúdo:
- Detalhe das Sapatas

Escala: Indicada

PRANCHA: 02/07