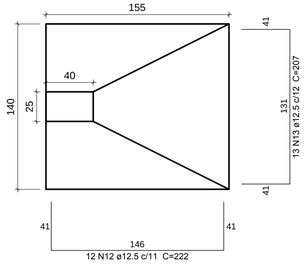
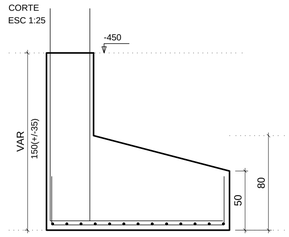
S1

PLANTA
ESC 1:25



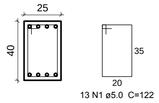
CORTE
ESC 1:25

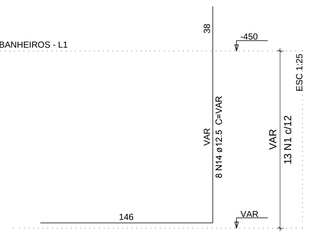


Solo com capacidade de suporte > 2.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

P1

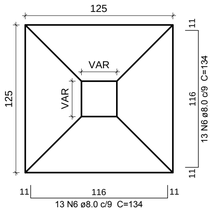
BALDRAME CARGA/DESCARGA E BANHEIROS - L1
ESC 1:20



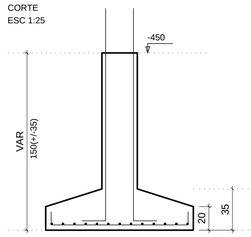


S2=S40=S41

PLANTA
ESC 1:25



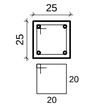
CORTE
ESC 1:25

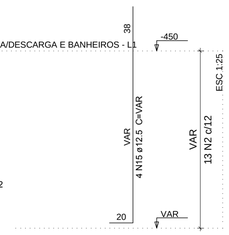


Solo com capacidade de suporte > 2.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

P2

BALDRAME CARGA/DESCARGA E BANHEIROS - L1
ESC 1:20





Relação do aço

P1	P2	P3
P4	P5	3xP6
P7	4xP13	2xP40
P42	S1	2xS3
5xS13	3xS24	3xS40
2xS42		

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	117	122	14274
	2	5.0	52	92	4784
	3	5.0	45	112	5040
	4	5.0	39	35	1365
	5	5.0	78	35	2730
CA50	6	8.0	78	134	10452
	7	8.0	40	124	4960
	8	8.0	36	119	4284
	9	8.0	42	154	6468
	10	10.0	28	VAR	VAR
	11	10.0	36	138	4968
	12	12.5	12	222	2664
	13	12.5	13	207	2691
	14	12.5	8	VAR	VAR
	15	12.5	52	VAR	VAR
	16	12.5	88	VAR	VAR
	17	16.0	45	251	11295
	18	16.0	50	236	11800

Resumo do aço

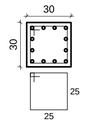
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8.0	261.7	113.6
	10.0	104	70.5
	12.5	489.6	518.8
	16.0	231	401
CA60	5.0	282	47.8

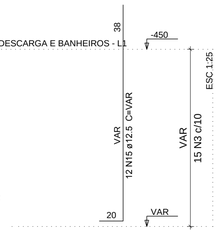
PESO TOTAL (kg)	
CA50	1103.9
CA60	47.8

Volume de concreto (C-25) = 15.03 m³
Volume de concreto (C-35) = 2.13 m³
Área de forma = 63.45 m²

P40=P41

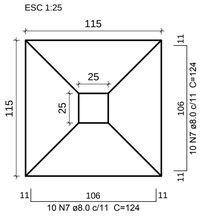
BALDRAME CARGA/DESCARGA E BANHEIROS - L1
ESC 1:20



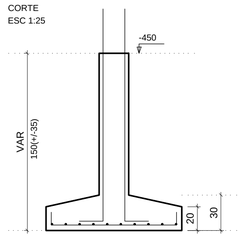


S3=S4

PLANTA
ESC 1:25



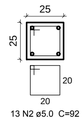
CORTE
ESC 1:25

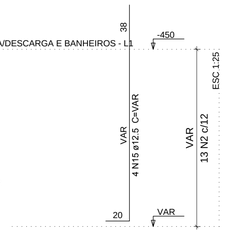


Solo com capacidade de suporte > 2.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

P3

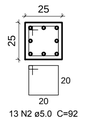
BALDRAME CARGA/DESCARGA E BANHEIROS - L1
ESC 1:20

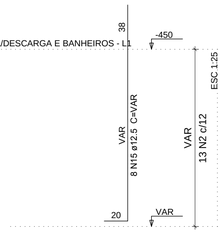




P4

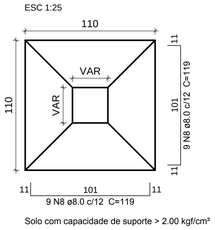
BALDRAME CARGA/DESCARGA E BANHEIROS - L1
ESC 1:20



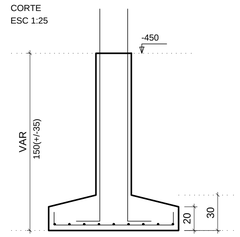


S5=S42

PLANTA
ESC 1:25



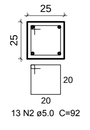
CORTE
ESC 1:25

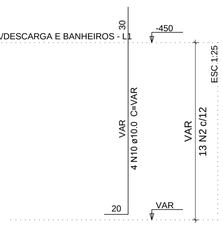


Solo com capacidade de suporte > 2.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

P5

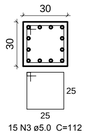
BALDRAME CARGA/DESCARGA E BANHEIROS - L1
ESC 1:20

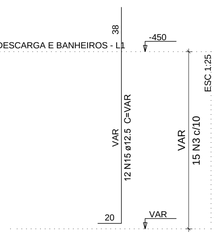




P42

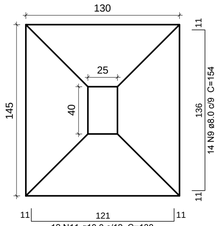
BALDRAME CARGA/DESCARGA E BANHEIROS - L1
ESC 1:20



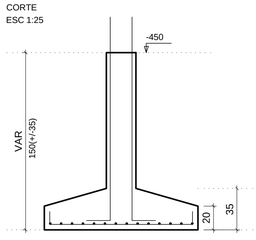


S6=S12=S24

PLANTA
ESC 1:25



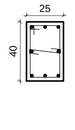
CORTE
ESC 1:25

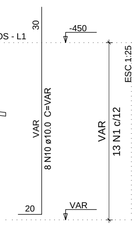


Solo com capacidade de suporte > 2.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

P6=P12=P24

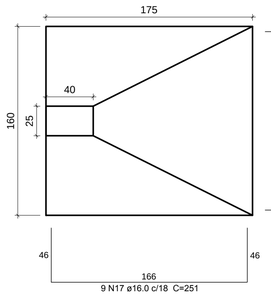
BALDRAME CARGA/DESCARGA E BANHEIROS - L1
ESC 1:20



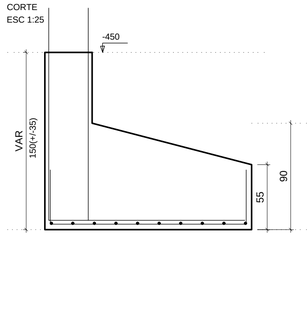


S7=S13=S19=S25=S31

PLANTA
ESC 1:25



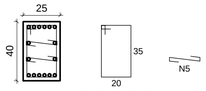
CORTE
ESC 1:25

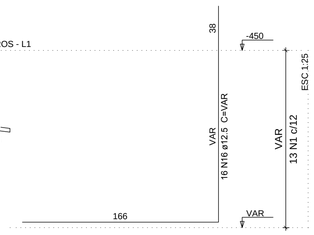


Solo com capacidade de suporte > 2.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

P7

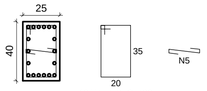
BALDRAME CARGA/DESCARGA E BANHEIROS - L1
ESC 1:20

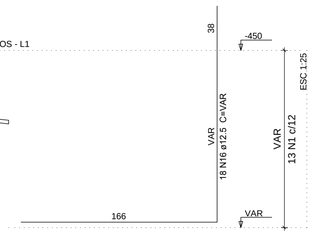




P13=P19=P25=P31

BALDRAME CARGA/DESCARGA E BANHEIROS - L1
ESC 1:20





PREFEITURA MUNICIPAL
DE SÃO JOÃO DO PARAÍSO/MG

JM ASSESSORIA
SERVIÇOS E CONSTRUÇÕES LTDA

OBRA/SERVIÇO:
MERCADO MUNICIPAL

PROPRIETÁRIO: PREFEITURA MUNICIPAL DE SÃO JOÃO DO PARAÍSO/MG
CNPJ: 24.791.154/0001-07

MÔNICA CRISTINE MENDES
PREFEITA MUNICIPAL

ENDEREÇO:
PRAÇA DO MERCADO S/Nº - SEDE DO MUNICÍPIO - SÃO JOÃO DO PARAÍSO/MG

PROJETO:
PROJETO ESTRUTURAL

RESPONSÁVEL TÉCNICO:

MARCOS PAULO MADUREIRA LOPES
ENGENHEIRO CIVIL - CREA MG: 224.188/D

ÁREAS:
- ÁREA PAVIMENTO TÉRREO: 1.200,00 m2
- ÁREA SUB-SOLO (CONSTRUÍDA): 714,00 m2
- ÁREA TOTAL EDIFICADA: 1.348,74 m2
ÁREA TOTAL (INCLUSO PILOTIS) = 1.914,00 m2

RRT Nº:

PROPOSTA Nº:

DATA: MARÇO/2020

ESCALA: INDICADA

CONTEÚDO:
FUNDAÇÃO

FOLHA: 05/18