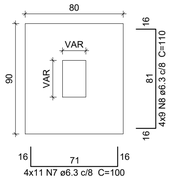
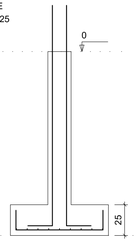
S1=S2=S4=S12

PLANTA
ESC 1:25



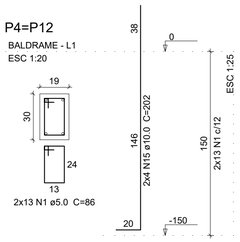
Solo com capacidade de suporte > 1.50 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

CORTE
ESC 1:25



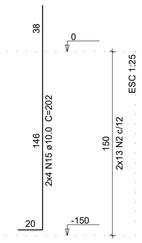
P4=P12

BALDRAME - L1
ESC 1:20



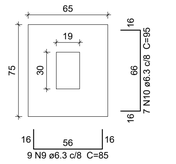
P1=P2

BALDRAME - L1
ESC 1:20



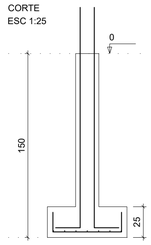
S3=S14=S19=S20=S25

PLANTA
ESC 1:25



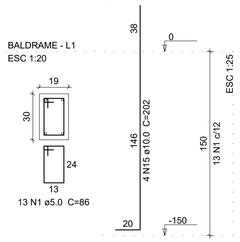
Solo com capacidade de suporte > 1.50 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

CORTE
ESC 1:25



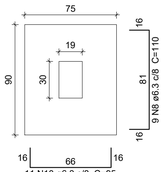
P3=P14=P19=P20=P25

BALDRAME - L1
ESC 1:20



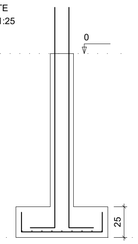
S5=S8=S9

PLANTA
ESC 1:25



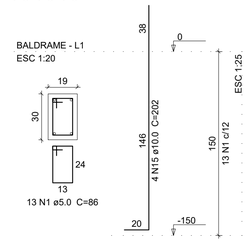
Solo com capacidade de suporte > 1.50 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

CORTE
ESC 1:25



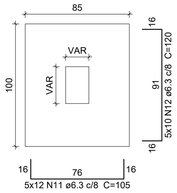
P5=P8=P9

BALDRAME - L1
ESC 1:20



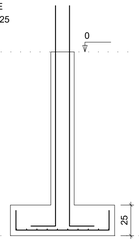
S6=S7=S11=S15=S17

PLANTA
ESC 1:25



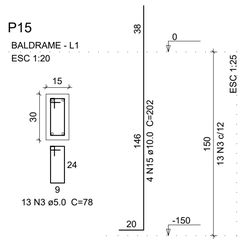
Solo com capacidade de suporte > 1.50 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

CORTE
ESC 1:25



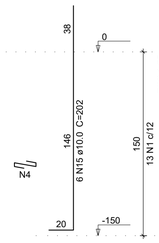
P15

BALDRAME - L1
ESC 1:20



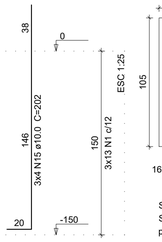
P17

BALDRAME - L1
ESC 1:20



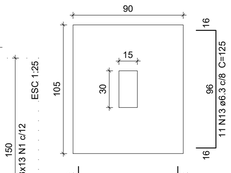
P6=P7=P11

BALDRAME - L1
ESC 1:20



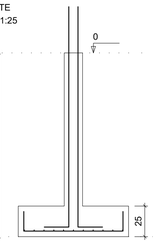
S10

PLANTA
ESC 1:25



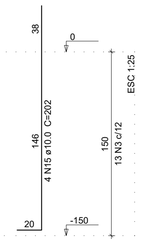
Solo com capacidade de suporte > 1.50 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

CORTE
ESC 1:25



P10

BALDRAME - L1
ESC 1:20



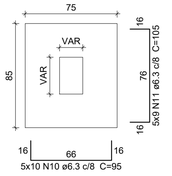
OBS.:

1- Fck= 25 Mpa.
2- RETIRADA DO ESCORAMENTO: 28 DIAS.
3- PROJETO CALCULADO PELA NBR 6118/2014.
4- RETIRAR UMA SÉRIE DE CORPOS-DE-PROVA DE TODO CAMINHÃO DE CONCRETO QUE ENTRA NA OBRA.
5- VOLUME MINIMO POR CAMINHÃO: 3 M3.
6- PARA RESULTADOS DE CORPOS-DE-PROVA COM VALORES ABAIXO DO ESPECIFICADO EM PROJETO COM DIFERENÇA ACIMA DE 2 MPa, EXTRAIR CORPO DE PROVA NO LOCAL APLICADO, SATISFAZENDO AS CONDIÇÕES DE PROJETO PARA OS DEMAIS CASOS.
9- OS RESULTADOS DOS CORPOS-DE-PROVA RETIRADOS NA OBRA ATENDERÃO AS CONDIÇÕES DE PROJETO DESDE QUE ESTEJAM 2 MPa ACIMA DO MINIMO PREVISTO PELO COEFICIENTE DE SEGURANÇA DO CONCRETO QUE É DE 1.4 (ARREDONDANDO O RESULTADO SEMPRE PARA CIMA), E PARA VALORES ABAIXO CONSULTAR O PROJETISTA.

RECOBRIMENTO:	
PADRAO DE RECOBRIMENTO RIGOROSO: (USAR PASTILHAS PLASTICAS)	
VIGAS:	3.0 CM
PILARES:	3.0 CM
LAJES:	2.5 CM
ELEMENTOS EM CONTATO COM SOLO:	3.0CM

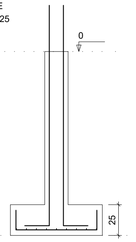
S13=S16=S18=S21=S26

PLANTA
ESC 1:25



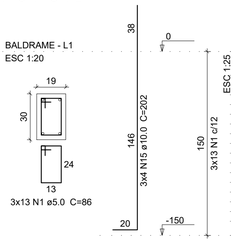
Solo com capacidade de suporte > 1.50 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

CORTE
ESC 1:25



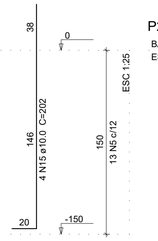
P13=P18=P21

BALDRAME - L1
ESC 1:20



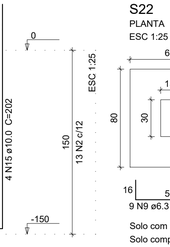
P16

BALDRAME - L1
ESC 1:20



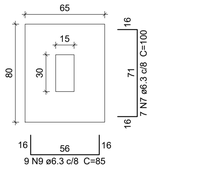
P26

BALDRAME - L1
ESC 1:20



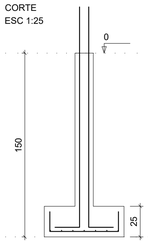
S22

PLANTA
ESC 1:25



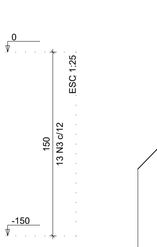
Solo com capacidade de suporte > 1.50 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

CORTE
ESC 1:25



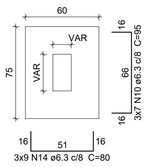
P22

BALDRAME - L1
ESC 1:20



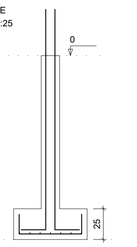
S23=S24=S27

PLANTA
ESC 1:25



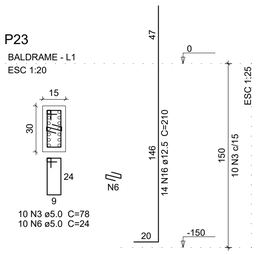
Solo com capacidade de suporte > 1.50 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

CORTE
ESC 1:25



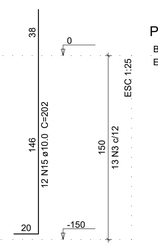
P23

BALDRAME - L1
ESC 1:20



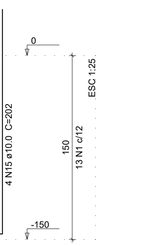
P24

BALDRAME - L1
ESC 1:20



P27

BALDRAME - L1
ESC 1:20



Relação do aço

3xS9	S10	S11
S12	5xS14	S21
S22	S24	

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	234	86	20124
	2	5.0	39	92	3588
	3	5.0	62	78	4836
	4	5.0	13	28	364
	5	5.0	13	76	988
	6	5.0	10	24	240
CA50	7	6.3	51	100	5100
	8	6.3	75	110	8250
	9	6.3	54	85	4590
	10	6.3	139	95	13205
	11	6.3	105	105	11025
	12	6.3	50	120	6000
	13	6.3	11	125	1375
	14	6.3	27	80	2160
	15	10.0	114	202	23028
	16	12.5	14	210	2940

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	517.1	139.2
	10.0	230.3	156.2
	12.5	29.4	31.2
CA60	5.0	301.4	51.1

PESO TOTAL (kg)	
CA50	326.5
CA60	51.1

Volume de concreto (C-25) = 6.64 m³
Sendo: Volume de concreto (C-25) Pilares Baldrame = 2.24 m³
Sendo: Volume de concreto (C-25) Sapatas = 4.4 m³

Área de forma = 60.94 m²

PROJETO ESTRUTURAL

Endereço: Rua RC-16, APM: 03 Setor Real Consquista, Goiânia - GO.

Centro de Referência Assistência Social
CRAS

Proprietário
PREFEITURA MUNICIPAL DE GOIÂNIA - SECRETARIA MUNICIPAL DE ASSISTÊNCIA SOCIAL

Autor do projeto
ENGº CIVIL WILLIAM DE SOUZA FERREIRA CREA 25 325 D/GO

Responsável Técnico

DESCRIÇÃO DOS PAVTOS:
BALDRAME

CONTEUDO:
FUNDAÇÕES
PILARES BALDRAME

ÁREA DO TERRENO ORIGINAL: 3.222,60M²
ÁREA TOTAL DA CONSTRUÇÃO 207,23M²
INDICE CONTROLE CAPTAÇÃO ÁGUA PLUVIAL:
INDICE PAISAGISTICO:
ARQUIVO: ARQUIVO

FOLHA: 1/4
DATA: 02/10/2017