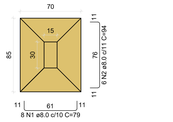
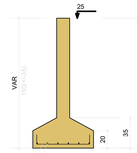
S1=S4

PLANTA
ESC 1:25



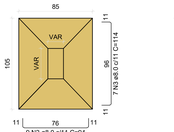
Solo com capacidade de suporte > 4.00 kgf/cm²
Solo compactado sobre a sapata
peso especifico > 1600.00 kgf/m³

CORTE
ESC 1:25



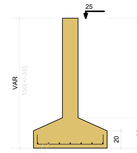
S2=S3=S22=S38

PLANTA
ESC 1:25



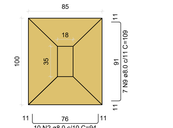
Solo com capacidade de suporte > 4.00 kgf/cm²
Solo compactado sobre a sapata
peso especifico > 1600.00 kgf/m³

CORTE
ESC 1:25



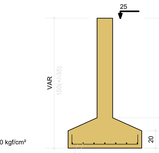
S5=S6=S12=S13=S18=S24

PLANTA
ESC 1:25



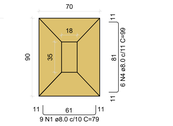
Solo com capacidade de suporte > 4.00 kgf/cm²
Solo compactado sobre a sapata
peso especifico > 1600.00 kgf/m³

CORTE
ESC 1:25



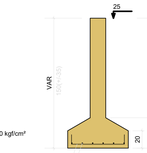
S7

PLANTA
ESC 1:25



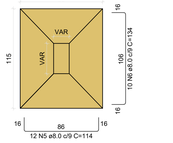
Solo com capacidade de suporte > 4.00 kgf/cm²
Solo compactado sobre a sapata
peso especifico > 1600.00 kgf/m³

CORTE
ESC 1:25



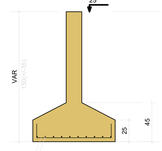
S8=S9

PLANTA
ESC 1:25



Solo com capacidade de suporte > 4.00 kgf/cm²
Solo compactado sobre a sapata
peso especifico > 1600.00 kgf/m³

CORTE
ESC 1:25

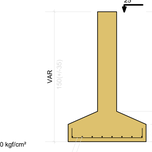


S10

PLANTA
ESC 1:25

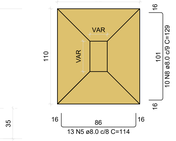
Solo com capacidade de suporte > 4.00 kgf/cm²
Solo compactado sobre a sapata
peso especifico > 1600.00 kgf/m³

CORTE
ESC 1:25



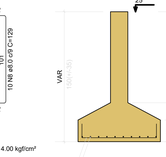
S11=S16=S29

PLANTA
ESC 1:25



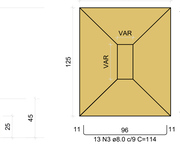
Solo com capacidade de suporte > 4.00 kgf/cm²
Solo compactado sobre a sapata
peso especifico > 1600.00 kgf/m³

CORTE
ESC 1:25



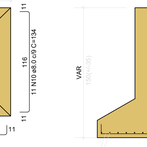
S14=S19

PLANTA
ESC 1:25



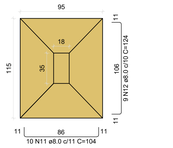
Solo com capacidade de suporte > 4.00 kgf/cm²
Solo compactado sobre a sapata
peso especifico > 1600.00 kgf/m³

CORTE
ESC 1:25



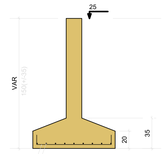
S15

PLANTA
ESC 1:25



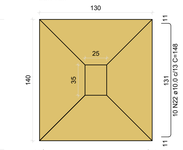
Solo com capacidade de suporte > 4.00 kgf/cm²
Solo compactado sobre a sapata
peso especifico > 1600.00 kgf/m³

CORTE
ESC 1:25



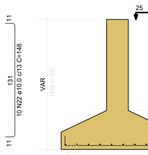
S17

PLANTA
ESC 1:25



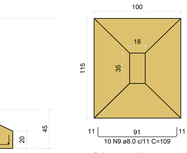
Solo com capacidade de suporte > 4.00 kgf/cm²
Solo compactado sobre a sapata
peso especifico > 1600.00 kgf/m³

CORTE
ESC 1:25



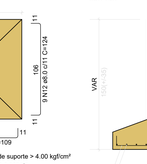
S20

PLANTA
ESC 1:25



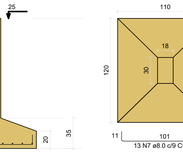
Solo com capacidade de suporte > 4.00 kgf/cm²
Solo compactado sobre a sapata
peso especifico > 1600.00 kgf/m³

CORTE
ESC 1:25



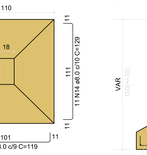
S21

PLANTA
ESC 1:25



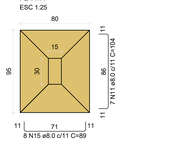
Solo com capacidade de suporte > 4.00 kgf/cm²
Solo compactado sobre a sapata
peso especifico > 1600.00 kgf/m³

CORTE
ESC 1:25



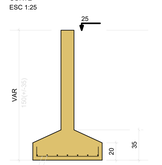
S23

PLANTA
ESC 1:25



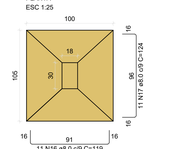
Solo com capacidade de suporte > 4.00 kgf/cm²
Solo compactado sobre a sapata
peso especifico > 1600.00 kgf/m³

CORTE
ESC 1:25



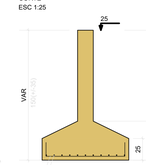
S25

PLANTA
ESC 1:25



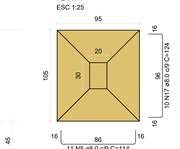
Solo com capacidade de suporte > 4.00 kgf/cm²
Solo compactado sobre a sapata
peso especifico > 1600.00 kgf/m³

CORTE
ESC 1:25



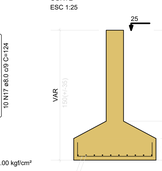
S26

PLANTA
ESC 1:25



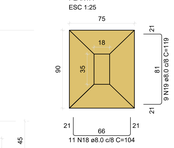
Solo com capacidade de suporte > 4.00 kgf/cm²
Solo compactado sobre a sapata
peso especifico > 1600.00 kgf/m³

CORTE
ESC 1:25



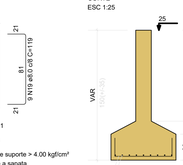
S27

PLANTA
ESC 1:25



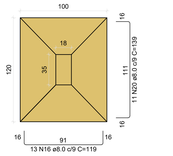
Solo com capacidade de suporte > 4.00 kgf/cm²
Solo compactado sobre a sapata
peso especifico > 1600.00 kgf/m³

CORTE
ESC 1:25



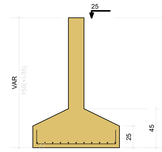
S28

PLANTA
ESC 1:25



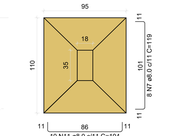
Solo com capacidade de suporte > 4.00 kgf/cm²
Solo compactado sobre a sapata
peso especifico > 1600.00 kgf/m³

CORTE
ESC 1:25



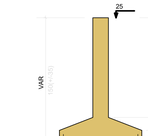
S30

PLANTA
ESC 1:25



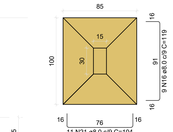
Solo com capacidade de suporte > 4.00 kgf/cm²
Solo compactado sobre a sapata
peso especifico > 1600.00 kgf/m³

CORTE
ESC 1:25



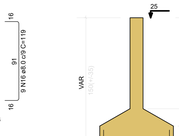
S31

PLANTA
ESC 1:25



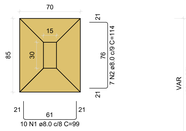
Solo com capacidade de suporte > 4.00 kgf/cm²
Solo compactado sobre a sapata
peso especifico > 1600.00 kgf/m³

CORTE
ESC 1:25



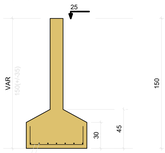
S32

PLANTA
ESC 1:25



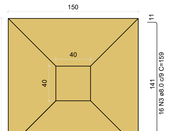
Solo com capacidade de suporte > 4.00 kgf/cm²
Solo compactado sobre a sapata
peso especifico > 1600.00 kgf/m³

CORTE
ESC 1:25



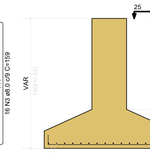
S33

PLANTA
ESC 1:25



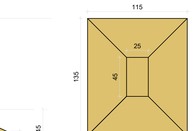
Solo com capacidade de suporte > 4.00 kgf/cm²
Solo compactado sobre a sapata
peso especifico > 1600.00 kgf/m³

CORTE
ESC 1:25



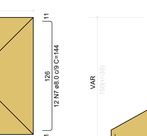
S34=S36

PLANTA
ESC 1:25



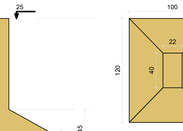
Solo com capacidade de suporte > 4.00 kgf/cm²
Solo compactado sobre a sapata
peso especifico > 1600.00 kgf/m³

CORTE
ESC 1:25



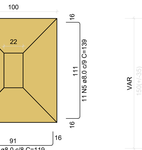
S35

PLANTA
ESC 1:25



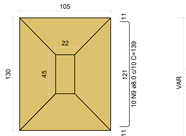
Solo com capacidade de suporte > 4.00 kgf/cm²
Solo compactado sobre a sapata
peso especifico > 1600.00 kgf/m³

CORTE
ESC 1:25



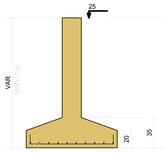
S37

PLANTA
ESC 1:25



Solo com capacidade de suporte > 4.00 kgf/cm²
Solo compactado sobre a sapata
peso especifico > 1600.00 kgf/m³

CORTE
ESC 1:25



RELAÇÃO DO AÇO

2x91	4x52	S7	
2x59	S16	3x911	
6x513	2x5314	S15	
S17	S29	S21	
S23	S25	S26	
S27	S28	S30	
S31			

AÇO	N.	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA50	1	8.0	20	99	1977
	2	8.0	168	94	15792
	3	8.0	12	118	1416
	4	8.0	57	114	6498
	5	8.0	16	119	1904
	6	8.0	25	154	3850
	7	8.0	22	154	3388
	8	8.0	30	129	3870
	9	8.0	54	109	5886
	10	8.0	22	134	2948
	11	8.0	18	164	2952
	12	8.0	18	124	2232
	13	8.0	18	109	1962
	14	8.0	11	129	1419
	15	8.0	11	104	1144
	16	8.0	33	119	3927
	17	8.0	31	124	3844
	18	8.0	11	104	1144
	19	8.0	9	119	1071
	20	8.0	11	139	1529
	21	8.0	11	104	1144
	22	10.0	10	148	1480

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 5% (kg)
CA50	8.0	676.9	267.1
	10.0	14.8	9.1
PESO TOTAL (kg)			
CA50	276.2		

Volume de concreto (C-30) = 9.33 m³
Área de forma = 37.44 m²

RELAÇÃO DO AÇO

S32	S33	S35	
2x535	S37		

AÇO	N.	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA50	1	8.0	7	99	693
	2	8.0	10	99	990
	3	8.0	12	158	1896
	4	8.0	16	159	2544
	5	8.0	16	159	2544
	6	8.0	29	129	3741
	7	8.0	28	129	3612
	8	8.0	25	144	3600
	9	8.0	10	114	1140
	10	10.0	11	158	1738

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 5% (kg)
CA50	8.0	173.3	58.4
	10.0	17.4	10.7
PESO TOTAL (kg)			
CA50	79.1		

Volume de concreto (C-30) = 2.66 m³
Área de forma = 6.17 m²

Wagner Dary da Silva
Engenheiro Civil
CREA nº 270736574

Documento assinado digitalmente
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WAGNER DARY DA SILVA
Data: 27/09/2024 09:59:01-0300
Verifique em https://validar.iti.gov.br

SECRETARIA DE ESTADO DA SEGURANÇA PÚBLICA

SERGIPE
GOVERNO DO ESTADO

DIRETORIA DE ARQUITETURA E ENGENHARIA
PÇA TOBIAS BARRETO, Nº 20, BAIRRO SÃO JOSÉ
CEP: 49050-220, ARACAJU/SE
TEL: (79) 3216-5454

TIPO DE PROJETO: PROJETO ESTRUTURAL	PRANCHA Nº: 02/25
ASSUNTO: SAPATAS	
ENDEREÇO: R. 8, 480 - DISTRITO INDUSTRIAL, NS SENHORA DO SOCORRO - SE - 49160-000	
AUTOR DO PROJETO: WAGNER DARY DA SILVA	
RESPONSAVEL TECNICO: WAGNER DARY DA SILVA	CREA/CAU: 270771497-6
ESCALA: INDICADA / DATA: AGO/2024 / DESENHISTA: WAGNER DAY DA SILVA	LEVANTAMENTO: DIRARQ SSP/SE