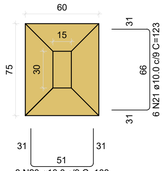
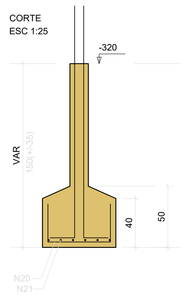
S1

PLANTA
ESC 1:25



CORTE
ESC 1:25

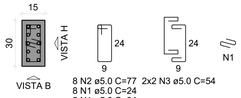


Solo com capacidade de suporte > 4.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

P1

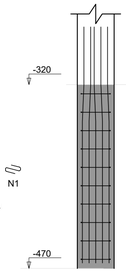
FUNDAÇÃO - L1

SEÇÃO
ESC 1:20

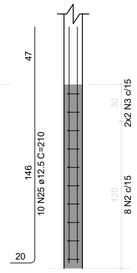


8 N2 ø5.0 C=77 2x2 N3 ø5.0 C=54
8 N1 ø5.0 C=24
2 N1 ø5.0 C=24

VISTA H
ESC 1:25

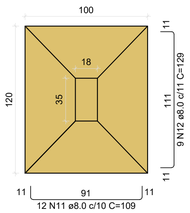


VISTA B
ESC 1:25

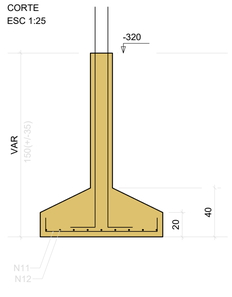


S2

PLANTA
ESC 1:25



CORTE
ESC 1:25

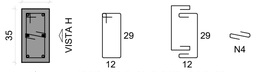


Solo com capacidade de suporte > 4.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

P2

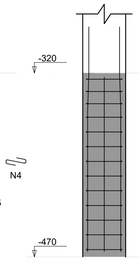
FUNDAÇÃO - L1

SEÇÃO
ESC 1:20

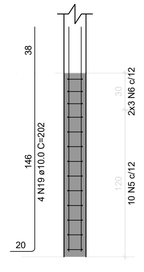


10 N5 ø5.0 C=93 2x3 N6 ø5.0 C=65
10 N4 ø5.0 C=27
3 N4 ø5.0 C=27

VISTA H
ESC 1:25



VISTA B
ESC 1:25



RELAÇÃO DO AÇO

P1	P2	P3
P4	P5	P6
P20	P21	S1
S2	S3	S4
S5	3xS20	

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	10	24	240
	2	5.0	54	77	4158
	3	5.0	30	54	1620
	4	5.0	13	27	351
	5	5.0	10	93	930
	6	5.0	6	65	390
	7	5.0	10	26	260
	8	5.0	8	81	648
	9	5.0	4	58	232
	10	5.0	13	24	312
CA50	11	8.0	12	109	1308
	12	8.0	9	129	1161
	13	8.0	12	114	1368
	14	8.0	10	129	1290
	15	8.0	9	134	1206
	16	8.0	24	84	2016
	17	8.0	18	99	1782
	18	10.0	4	160	640
	19	10.0	20	202	4040
	20	10.0	8	108	864
	21	10.0	6	123	738
	22	10.0	7	113	791
	23	10.0	7	118	826
	24	10.0	8	118	944
	25	12.5	44	210	9240

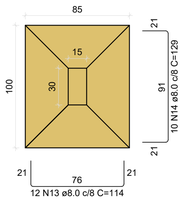
RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	8.0	101.3	44
	10.0	88.4	60
	12.5	92.4	97.9
CA60	5.0	91.4	15.5
PESO TOTAL (kg)			
CA50	201.9		
CA60	15.5		

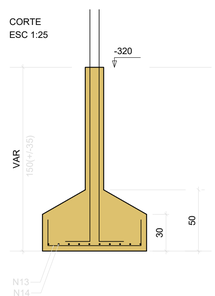
Volume de concreto (C-25) = 2.29 m³
Área de forma = 15.33 m²

S3

PLANTA
ESC 1:25



CORTE
ESC 1:25

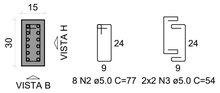


Solo com capacidade de suporte > 4.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

P3

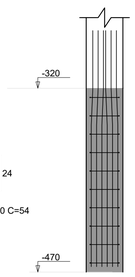
FUNDAÇÃO - L1

SEÇÃO
ESC 1:20

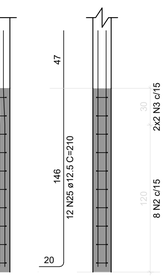


8 N2 ø5.0 C=77 2x2 N3 ø5.0 C=54

VISTA H
ESC 1:25

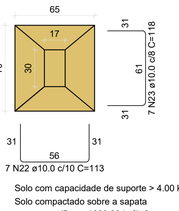


VISTA B
ESC 1:25

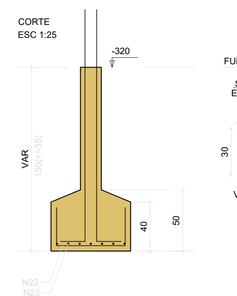


S4

PLANTA
ESC 1:25



CORTE
ESC 1:25

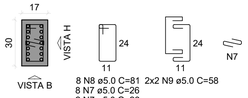


Solo com capacidade de suporte > 4.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

P4

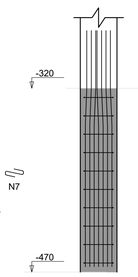
FUNDAÇÃO - L1

SEÇÃO
ESC 1:20

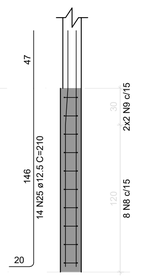


8 N8 ø5.0 C=81 2x2 N9 ø5.0 C=58
8 N7 ø5.0 C=26
2 N7 ø5.0 C=26

VISTA H
ESC 1:25

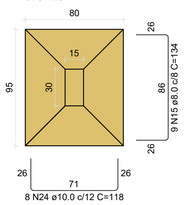


VISTA B
ESC 1:25

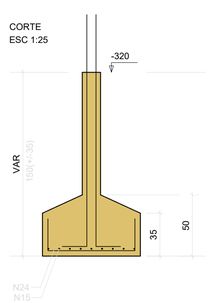


S5

PLANTA
ESC 1:25



CORTE
ESC 1:25

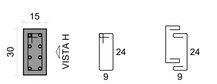


Solo com capacidade de suporte > 4.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

P5

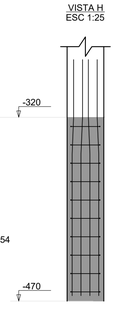
FUNDAÇÃO - L1

SEÇÃO
ESC 1:20

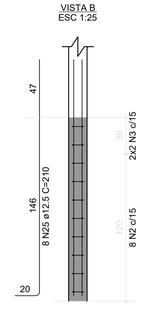


8 N2 ø5.0 C=77 2x2 N3 ø5.0 C=54

VISTA H
ESC 1:25

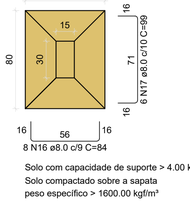


VISTA B
ESC 1:25

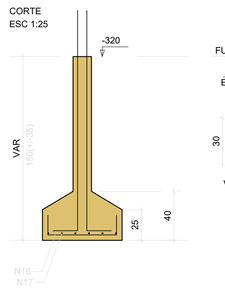


S6=S20=S21

PLANTA
ESC 1:25



CORTE
ESC 1:25

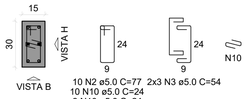


Solo com capacidade de suporte > 4.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

P20

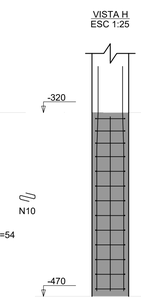
FUNDAÇÃO - L1

SEÇÃO
ESC 1:20

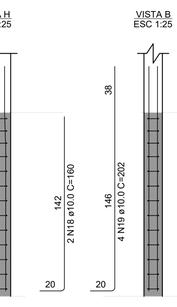


10 N2 ø5.0 C=77 2x3 N3 ø5.0 C=54
10 N10 ø5.0 C=24
3 N10 ø5.0 C=24

VISTA H
ESC 1:25



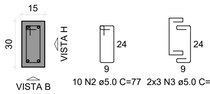
VISTA B
ESC 1:25



P21

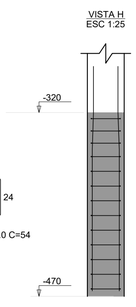
FUNDAÇÃO - L1

SEÇÃO
ESC 1:20

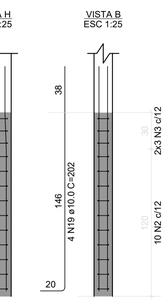


10 N2 ø5.0 C=77 2x3 N3 ø5.0 C=54

VISTA H
ESC 1:25



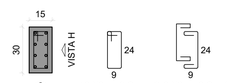
VISTA B
ESC 1:25



P6

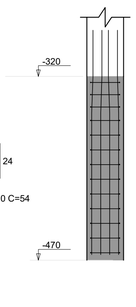
FUNDAÇÃO - L1

SEÇÃO
ESC 1:20

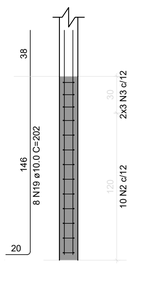


10 N2 ø5.0 C=77 2x3 N3 ø5.0 C=54

VISTA H
ESC 1:25



VISTA B
ESC 1:25



gov.br
Documento assinado digitalmente
WAGNER DARY DA SILVA
Data: 18/03/2024 08:52:27-0300
Verifique em https://validar.iti.gov.br

BLOCO DO COGERP PRANCHAS: 01 a 046

REVISÃO	DESCRIÇÃO	REVISADO POR	DATA
REVISÃO 00	EMISSÃO INICIAL	WAGNER DARY	08/03/2024

SECRETARIA DE ESTADO DA SEGURANÇA PÚBLICA

SERGIPE
GOVERNO DO ESTADO

DIRETORIA DE ARQUITETURA E EDIFICAÇÕES
PRAÇA TOBIAS BARRETO, nº 20, BAIRRO SÃO JOSÉ
CEP: 49050-220 ARACAJU/SE
TELS: (79)3216-5454 / (79)98851-9337

TIPO: PROJETO ESTRUTURAL DA CONSTRUÇÃO DO CENTRO INTEGRADO DE SEGURANÇA PÚBLICA (CISP) EM NOSSA SENHORA DA GLÓRIA/SE

Nº DA PRANCHA: 03/348

ASSUNTO: BLOCO DO COGERP
SAPATAS 01

END.: RUA ANTÔNIO JOAQUIM DE FARIAS, S/N – N. SRA DA GLÓRIA – SE

AUTOR DO PROJETO: WAGNER DARY DA SILVA

RESPONSÁVEL TÉCNICO: WAGNER DARY DA SILVA RN: 270771497-6

ESCALA:	DATA:	DESENHISTA:
INDICADA	03/2024	WAGNER DARY