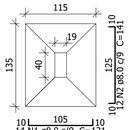
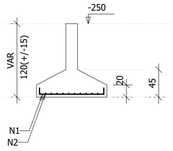
S8=S30

PLANTA
ESC 1:50

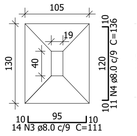


CORTE
ESC 1:50

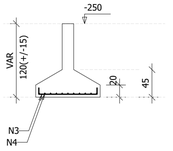


S9

PLANTA
ESC 1:50

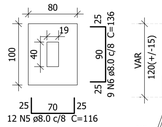


CORTE
ESC 1:50

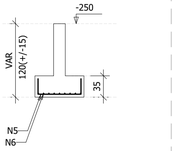


S10

PLANTA
ESC 1:50

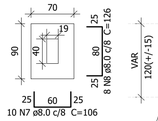


CORTE
ESC 1:50

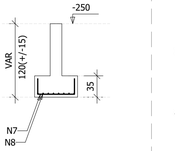


S11=S62

PLANTA
ESC 1:50

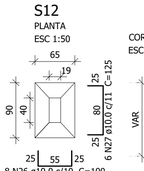


CORTE
ESC 1:50

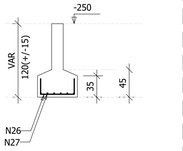


S12

PLANTA
ESC 1:50

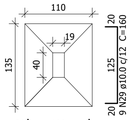


CORTE
ESC 1:50

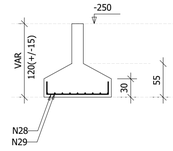


S15

PLANTA
ESC 1:50

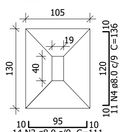


CORTE
ESC 1:50

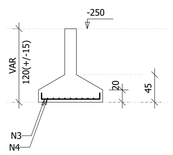


S16=S17

PLANTA
ESC 1:50

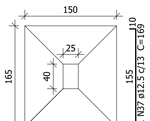


CORTE
ESC 1:50

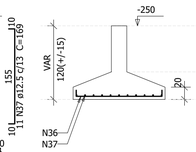


S27

PLANTA
ESC 1:50

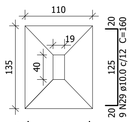


CORTE
ESC 1:50

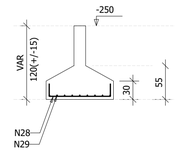


S28

PLANTA
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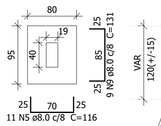


CORTE
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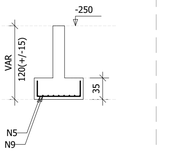


S29

PLANTA
ESC 1:50

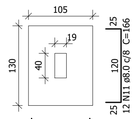


CORTE
ESC 1:50

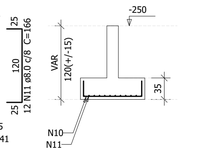


S31=S32

PLANTA
ESC 1:50

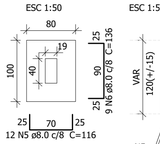


CORTE
ESC 1:50

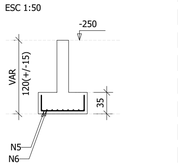


S35

PLANTA
ESC 1:50

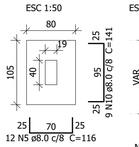


CORTE
ESC 1:50

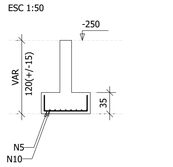


S38

PLANTA
ESC 1:50

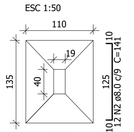


CORTE
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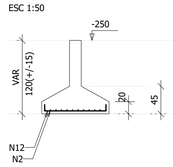


S39=S55

PLANTA
ESC 1:50

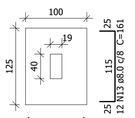


CORTE
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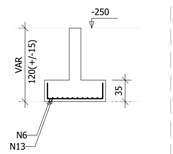


S40

PLANTA
ESC 1:50

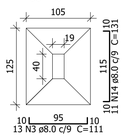


CORTE
ESC 1:50

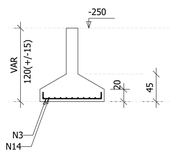


S41=S54

PLANTA
ESC 1:50

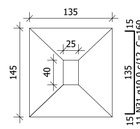


CORTE
ESC 1:50

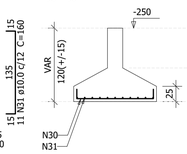


S46

PLANTA
ESC 1:50

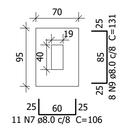


CORTE
ESC 1:50

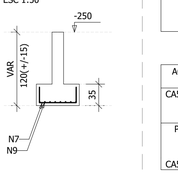


S47

PLANTA
ESC 1:50

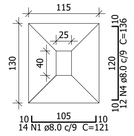


CORTE
ESC 1:50

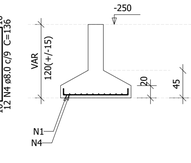


S48

PLANTA
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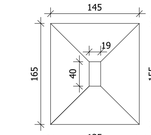


CORTE
ESC 1:50

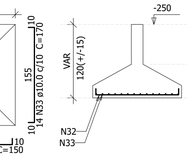


S49

PLANTA
ESC 1:50



CORTE
ESC 1:50



S53

PLANTA
ESC 1:50

CORTE
ESC 1:50

S61

PLANTA
ESC 1:50

CORTE
ESC 1:50

S63

PLANTA
ESC 1:50

CORTE
ESC 1:50

S64

PLANTA
ESC 1:50

CORTE
ESC 1:50

S65

PLANTA
ESC 1:50

CORTE
ESC 1:50

S66=S67

PLANTA
ESC 1:50

CORTE
ESC 1:50

SMAQ

PLANTA
ESC 1:50

CORTE
ESC 1:50

Relação do aço

S9	S10	2xS11
S12	S15	2xS16
S27	S28	S29
2xS30	2xS32	S35
S38	2xS39	S40
2xS41	S46	S47
S48	S49	S53
S61	S63	S64
S65	2xS66	SMAQ

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA50	1	8.0	42	121	5082
	2	8.0	48	141	6768
	3	8.0	68	111	7548
	4	8.0	45	136	6120
	5	8.0	47	116	5452
	6	8.0	33	136	4488
	7	8.0	31	106	3286
	8	8.0	16	126	2016
	9	8.0	17	131	2227
	10	8.0	53	141	7473
	11	8.0	24	166	3984
	12	8.0	28	116	3248
	13	8.0	12	161	1932
	14	8.0	22	131	2882
	15	8.0	13	101	1313
	16	8.0	9	126	1134
	17	8.0	12	101	1212
	18	8.0	9	126	1134
	19	8.0	14	111	1554
	20	8.0	10	136	1360
	21	8.0	12	156	1872
	22	8.0	20	101	2020
	23	8.0	14	121	1694
	24	8.0	12	111	1332
	25	8.0	10	131	1310
	26	10.0	8	100	800
	27	10.0	6	125	750
	28	10.0	24	135	3240
	29	10.0	18	160	2880
	30	10.0	12	150	1800
	31	10.0	11	160	1760
	32	10.0	16	150	2400
	33	10.0	14	170	2380
	34	10.0	15	145	2175
	35	10.0	13	160	2080
	36	12.5	12	154	1848
	37	12.5	11	169	1859

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT (Barras)	PESO (kg)
CA50	8.0	784.5	66	309.5
	10.0	202.7	17	124.9
	12.5	37.1	4	35.7
PESO TOTAL (kg)				
CA50	470.2			

Volume de concreto (C-30) = 14.13 m³
Área de forma = 39.92 m²

R01	DIVISÃO DAS FASES	18/03/2026
R00	EMISSÃO INICIAL	12/02/2026
Nº	DESCRIÇÃO	DATA

OBS.: TODAS AS MEDIDAS DEVEM SER CONFERIDAS EM OBRA. CASO SEJA NECESSÁRIO ALGUMA ALTERAÇÃO, ENTRAR EM CONTATO COM O PROJETISTA RESPONSÁVEL.

ASSINATURAS

CLIENTE:

PREFEITURA MUNICIPAL DE GOVERNADOR CELSO RAMOS
82.892.373/0001-89

RESPONSÁVEL TÉCNICO:

MARCO AURELIO SACENTI:04158791910 Assinado de forma digital por MARCO AURELIO SACENTI:04158791910 Dados: 2026.03.19 15:21:38 -03'00'

MARCO AURÉLIO SACENTI
CREA/SC 082270-7

ESTRUTURAL

ENGEPLANTI
PROJETOS E SUPERVISÃO
Engeplanti Consultoria LTDA./ CREA nº 163388-0 / CNPJ 23.002.667/0001-29
Rua Cristóvão Nunes Pires, 110 - CEP 88010-120 - Florianópolis / Fone: (48) 3364-2209 / e-mail: projetos@engeplanti.com.br

OBRA: CEI DULCE GODINHO NAZÁRIO
INSCRIÇÃO IMOBILIÁRIA:
ENDEREÇO: RUA SÃO PEDRO, CANTO DOS GANCHOS, GOVERNADOR CELSO RAMOS/SC
CONTEÚDO: DETALHAMENTO SAPATAS FUNDAÇÃO
EDIFICAÇÃO PRINCIPAL (100)
ESCALA: INDICADA
ETAPA: PROJETO EXECUTIVO
PRANCHA: EST 10/35
ARQUIVO: 029-23-28-CEI DULCE-EST-PE-110-DETALHAMENTO SAPATAS FUNDAÇÃO-R01.dwg