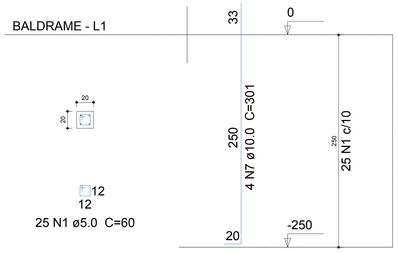
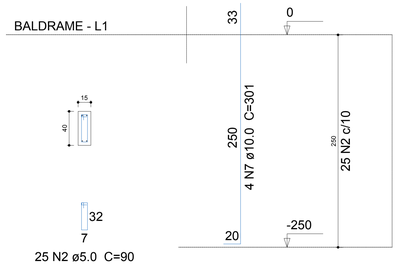
P17=P18=P19=P20=P21=P22=P23 P24=P48=P49



25 N1 ø5.0 C=60

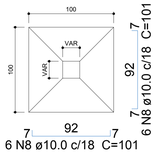
P30



25 N2 ø5.0 C=90

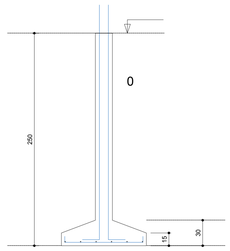
S17=S18=S19=S20=S21 S22=S23=S24=S30= S48=S49

PLANTA

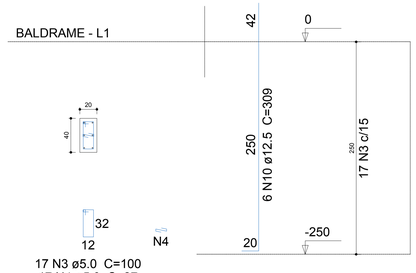


6 N8 ø10.0 c/18 C=101

CORTE



P1=P34



17 N3 ø5.0 C=100
17 N4 ø5.0 C=27

Relação do aço

2xP1	9xP2	4xP4
2xP5	P11	P18
2xP25	P26	P28
P30	2xP31	P44
2xP46	4xS1	11xS13
2xS18		

AÇO	N	DIAM (mm)	QUANT (Barras)	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	25	60	13500
	2	5.0	367	90	33030
	3	5.0	269	100	26900
	4	5.0	51	27	1377
	5	5.0	150	27	4050
	6	5.0	275	22	6050
CA50	7	10.0	118	301	46354
	8	10.0	24	101	13332
	9	10.0	180	111	19980
	10	12.5	42	309	12978
	11	16.0	8	319	2552

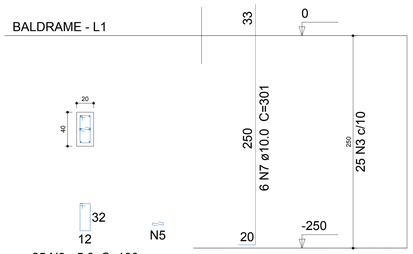
Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	10.0	796.7	540.4
	12.5	129.8	137.5
	16.0	25.6	44.3
CA60	5.0	864.1	148.9

PESO TOTAL (kg)	
CA50	722.2
CA60	148.9

Volume de concreto (C-20) = 12.25 m³
Área de forma = 111.35 m²

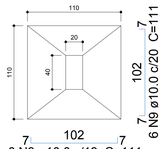
P46=P51



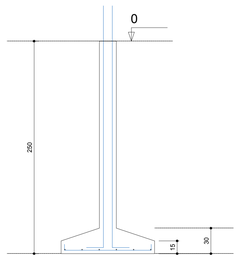
25 N3 ø5.0 C=100
25 N5 ø5.0 C=27

S1=S34=S46=S51

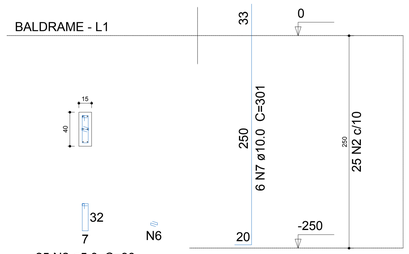
PLANTA



CORTE

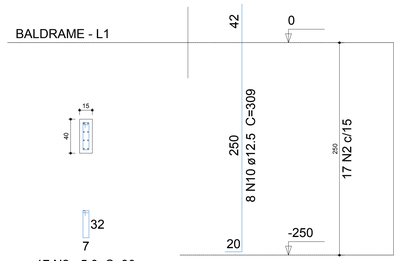


P2=P3=P8=P13=P35=P36=P45=P47=P50



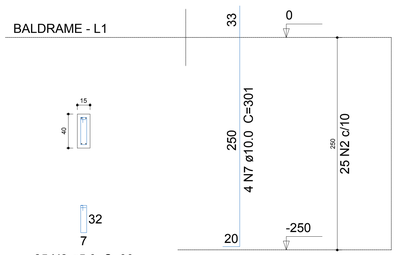
25 N2 ø5.0 C=90
25 N6 ø5.0 C=22

P26



17 N2 ø5.0 C=90

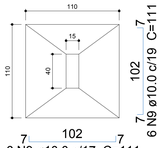
P44



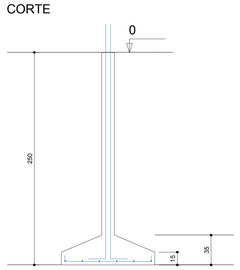
25 N2 ø5.0 C=90

S2=S3=S8=S13=S26=S35=S36=S44=S45=S47 =S50

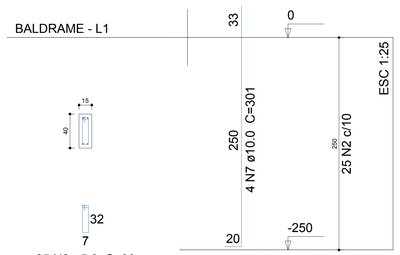
PLANTA



CORTE

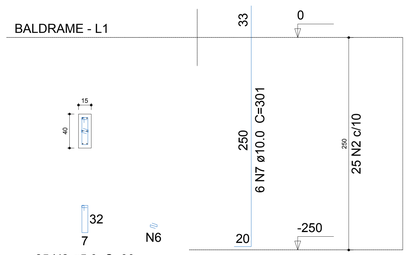


P11



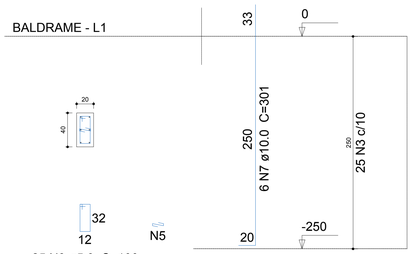
25 N2 ø5.0 C=90

P5=P14



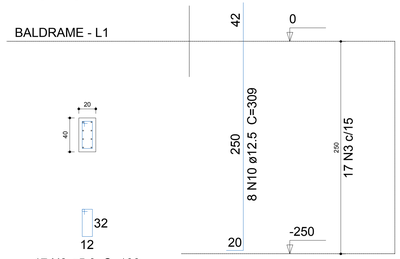
25 N2 ø5.0 C=90
25 N6 ø5.0 C=22

P4=P6=P16=P29



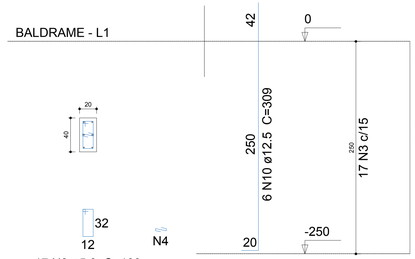
25 N3 ø5.0 C=100
25 N5 ø5.0 C=27

P25=P32



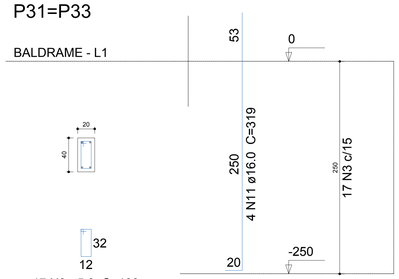
17 N3 ø5.0 C=100

P28



17 N3 ø5.0 C=100
17 N4 ø5.0 C=27

P31=P33



17 N3 ø5.0 C=100

02 Sapatas
Escala: 1/25

Engeobra
CREA SC 158.454-0
ENGENHARIA E INFRAESTRUTURA
Rua Prino Tacco, 350, Bairro Tacco - Cel: (49) 9 9976-0226
E-mail:engenharia2@engeobra.com

OBRA: Centro Municipal de Educação Infantil ABC

LOCAL: Rua Helena Bigaton, Bairro da Gruta - Caibi - SC

PROJETO: ESTRUTURAL

ESPECIFICAÇÕES: - Sapatas

DATA: 12/2021

DESENHO: T.L

ÁREA: 1.087,69 m²

ESCALA: 1/25

PRANCHA: 01 /19

Projeto:

Assinado de forma digital por SAMUEL SPESSATTO OUTEIRO:04412294927
Dados: 2021.12.23 11:29:32 -03'00'

SAMUEL SPESSATTO OUTEIRO
Engº Civil - CREA SC 133319-7

Proprietário:

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