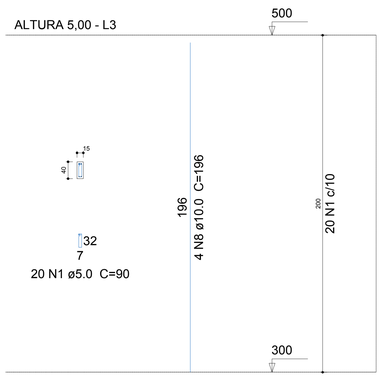
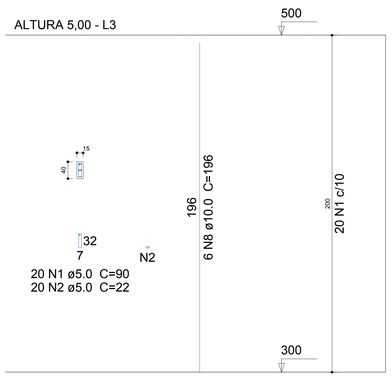
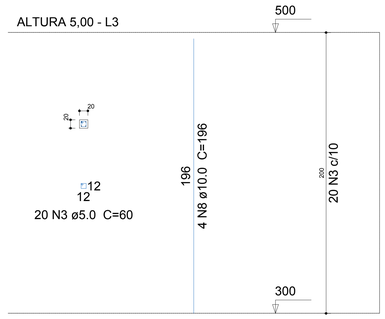
P10=P11=P44



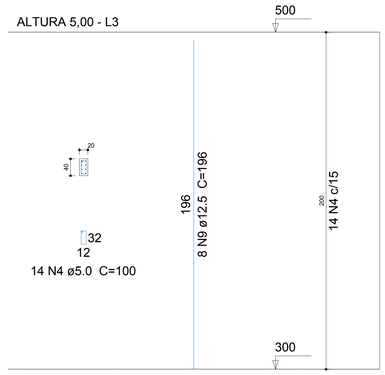
P13=P14=P35=P36=P47=P50



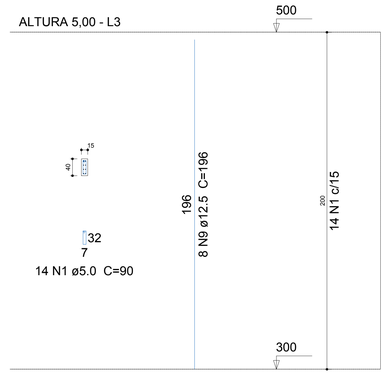
P17=P18=P19=P20=P21=P22= P23=P24=P48=P49



P25



P26



Relação do aço

4xP9	3xP10	6xP13
P18	P25	P26
P31	P33	2xP38
3xP39	P40	

AÇO	N	DIAM (mm)	QUANT (Barras)	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	194	90	17460
	2	5.0	120	22	2640
	3	5.0	20	60	1200
	4	5.0	190	100	19000
	5	5.0	42	27	1134
	6	5.0	14	110	1540
	7	5.0	80	27	2160
CA50	8	10.0	76	196	14896
	9	12.5	16	196	3136
	10	16.0	8	196	1568
	11	16.0	30	253	7590

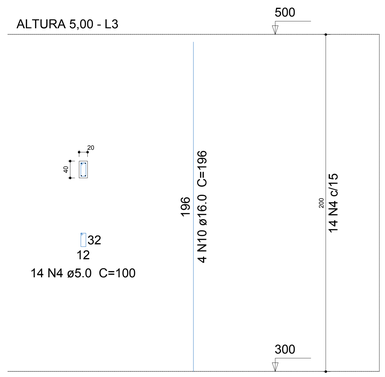
Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	10.0	149	101
	12.5	31.4	33.2
	16.0	91.6	159
CA60	5.0	451.4	76.5

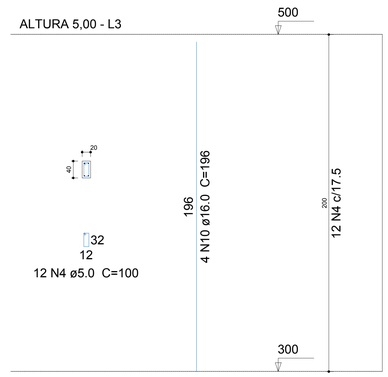
PESO TOTAL (kg)	
CA50	293.3
CA60	76.5

Volume de concreto (C-30) = 3.38 m³
Área de forma = 55 m²

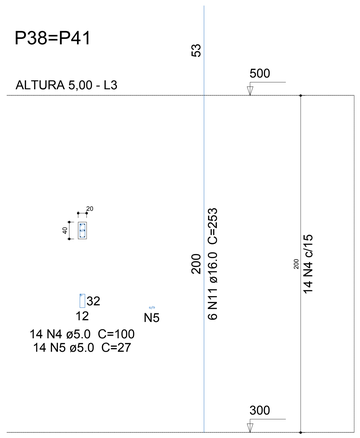
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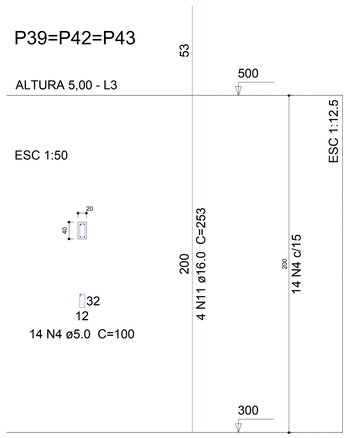
P33



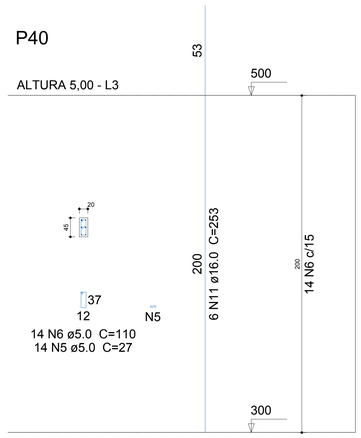
P38=P41



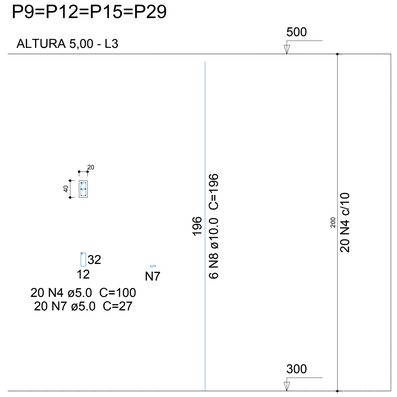
P39=P42=P43



P40



P9=P12=P15=P29



16 Pilares Nível 5,00m
Escala: 1/50

Engeobra
CREA SC 158.454-0
ENGENHARIA E INFRAESTRUTURA
Rua Primo Tacca, 350, Bairro Tacca - Cel: (49) 9 9976-0226
E-mail:engenheiroSC@engeobra@gmail.com

OBRA:
Centro Municipal de Educação Infantil ABC

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

PROJETO:
ESTRUTURAL

ESPECIFICAÇÕES:
-Pilares nível 5,00m

DATA: 12/2021
DESENHO: T.L
AREA: 1.087,69 m²
ESCALA: Indicada
PRANCHA: 15 /19

Projeto:
Assinado de forma digital por SAMUEL SPESSATTO OUTEIRO:04412294027
Dados: 2021.12.23 11:32:52 -03'00'
SAMUEL SPESSATTO OUTEIRO
Engº Civil- CREA SC 133319-7

Proprietário:
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CNPJ:82.940.776/0001-56