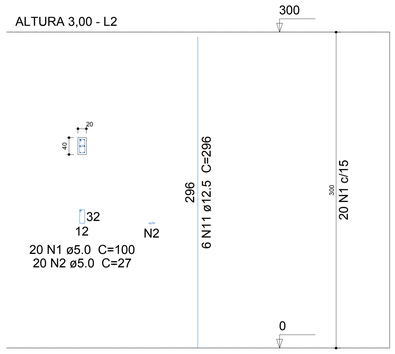
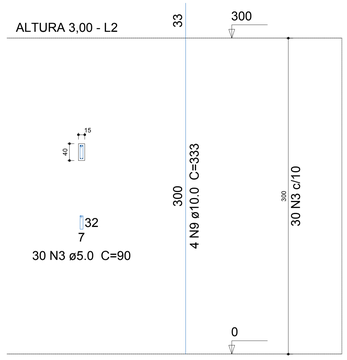
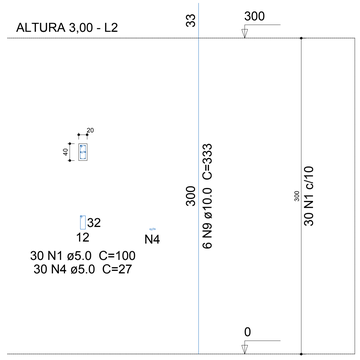
P1=P28=P34



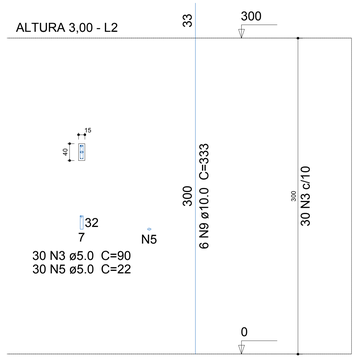
P10=P11=P44



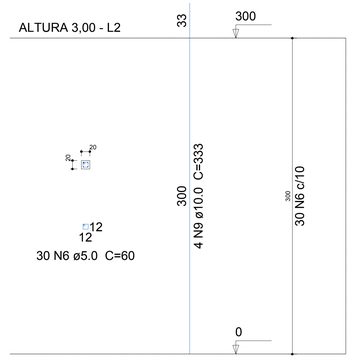
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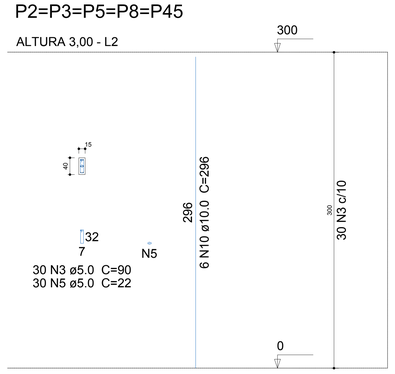
P13=P14=P35=P36=P47=P50



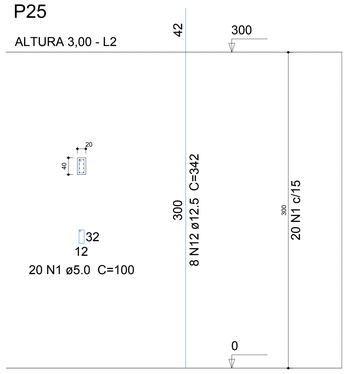
P17=P18=P19=P20=P21=P22=P23=P24=48=P49



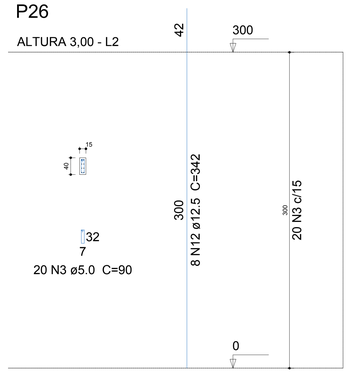
P2=P3=P5=P8=P45



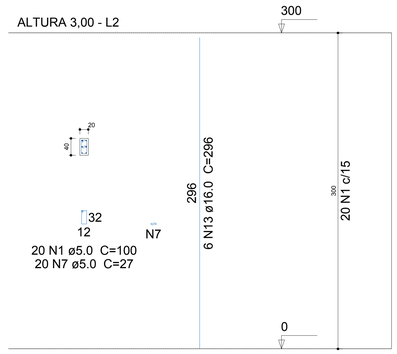
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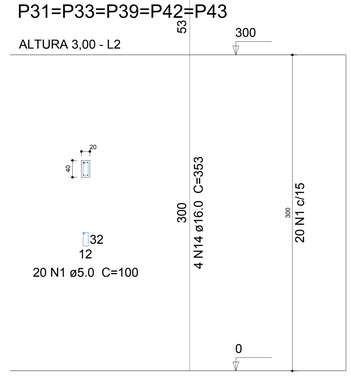
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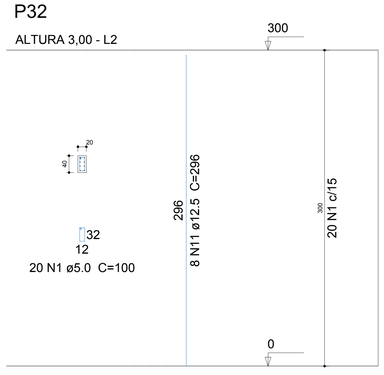
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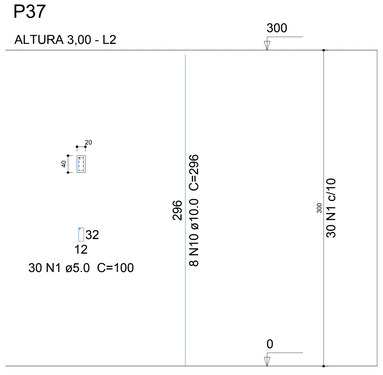
P31=P33=P39=P42=P43



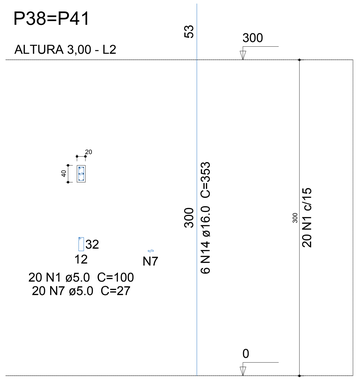
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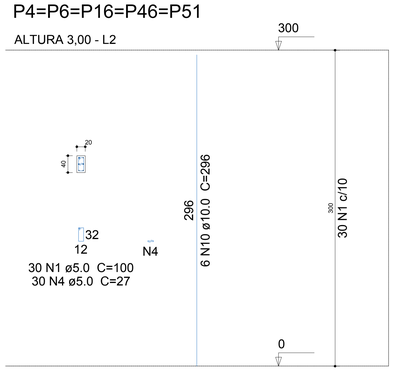
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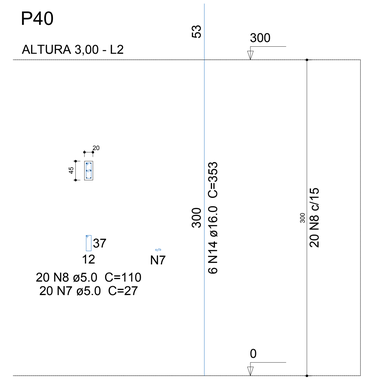
P38=P41



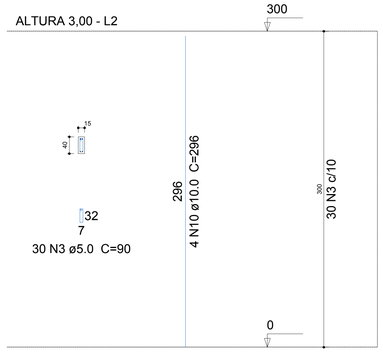
P4=P6=P16=P46=P51



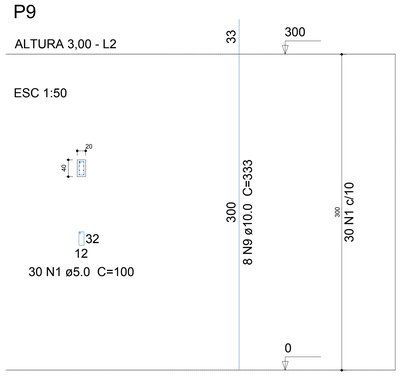
P40



P7=P30



P9



09 Pilares nível 3,00m
Escala: 1/25

Relação do aço

3xP1	5xP2	5xP4
2xP7	P9	3xP1
3xP12	6xP13	P18
P25	P26	P27
5xP31	P32	P37
2xP38	P40	

AÇO	N	DIAM (mm)	QUANT (Barras)	UNIT (cm)
CA60	1	5.0	560	10
	2	5.0	60	2
	3	5.0	500	9
	4	5.0	240	2
	5	5.0	330	2
	6	5.0	30	6
	7	5.0	80	2
	8	5.0	20	11
CA50	9	10.0	76	33
	10	10.0	78	29
	11	12.5	26	29
	12	12.5	16	34
	13	16.0	6	29
	14	16.0	38	35

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	10.0	484	328.
	12.5	131.7	139.
	16.0	151.9	263.
CA60	5.0	1225.2	207.

PESO TOTAL (kg)	
CA50	731.5
CA60	207.7

Volume de concreto (C-30) = 8.97 m³
Área de forma = 145.2 m²

Engeobra
CREA SC 158.464-0
ENGENHARIA E INFRAESTRUTURA

Rua Primo Tacca, 350, Bairro Tacca -
E-mail:engenheiroSC@engeobra@gmail.com Cel: (49) 9 9976-0226

OBRA:
Centro Municipal de Educação Infantil ABC

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

PROJETO:
ESTRUTURAL

ESPECIFICAÇÕES:
- Pilares nível 3,00m

DATA:
12/2021

DESENHO:
T.L

ÁREA:
1.087,69 m²

PRANCHA:
10 /19

ESCALA:
1/25

Projeto:
Assinado de forma digital por SAMUEL SPESSATTO OUTEIRO:04412294927
Dados: 2021.12.23 11:29:52 -03'00'
SAMUEL SPESSATTO OUTEIRO
Engº Civil- CREA SC 133319-7

Proprietário:
PREFEITURA MUNICIPAL DE CAIBI
CNPJ:82.940.776/0001-56