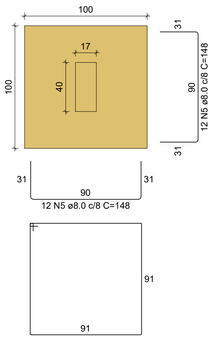
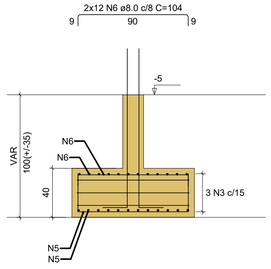
S16=S18=S19=S20=S21=S22=S23=S24=S25=S26
=S27=S28=S29=S30=S31=S32=S33=S34=S35
=S36=S37=S38=S39=S40=S41

PLANTA
ESC 1:25

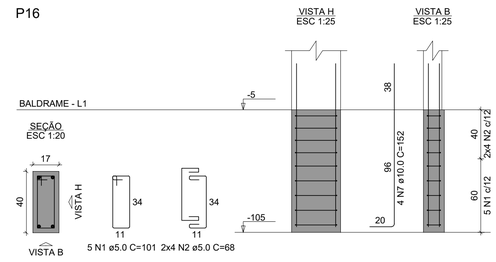


CORTE
ESC 1:25



Solo com capacidade de suporte > 1.50 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

P16



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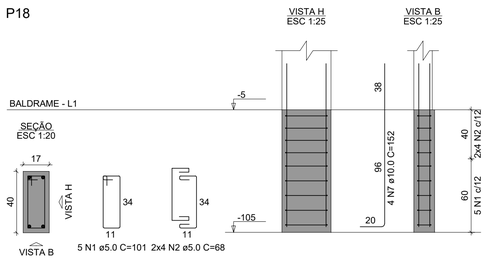

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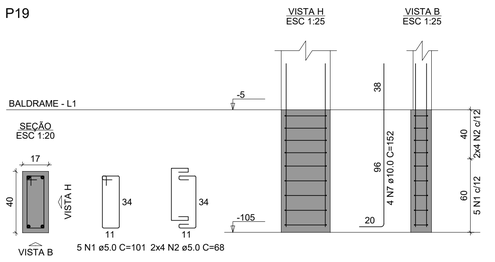

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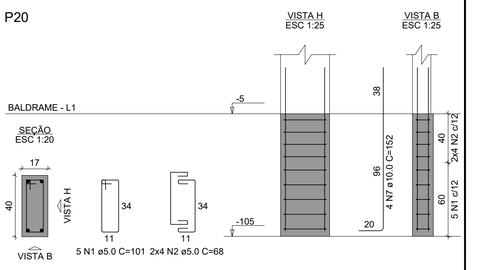

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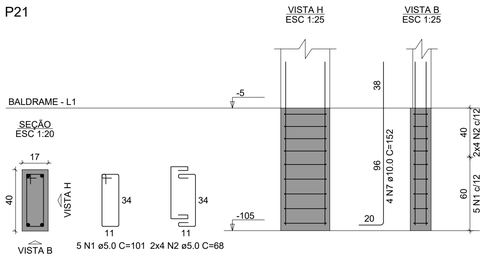

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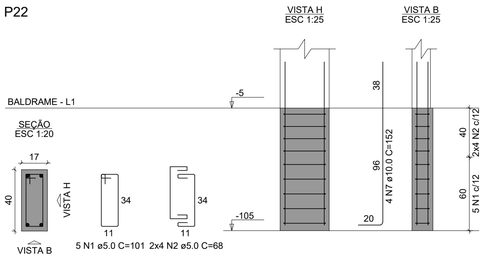

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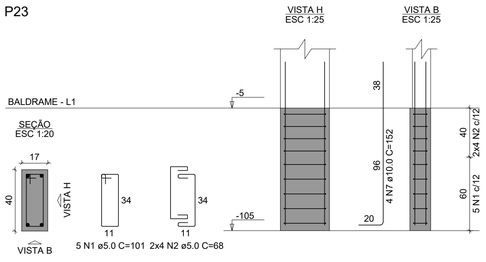

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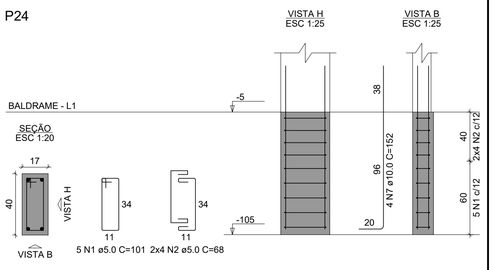

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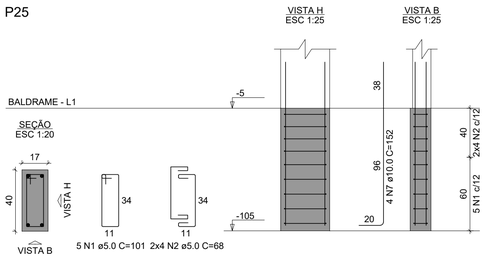

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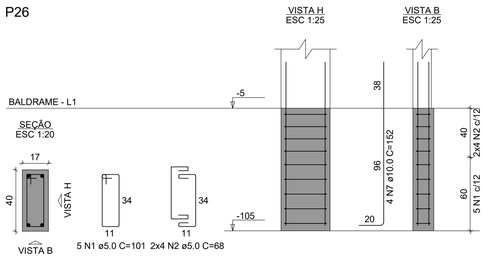

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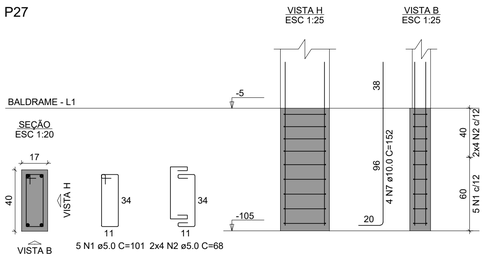

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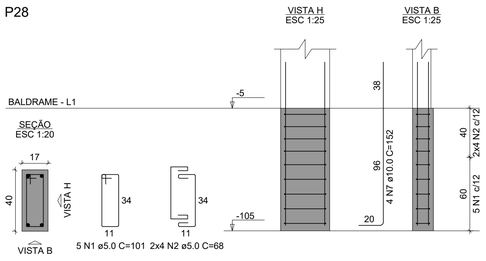

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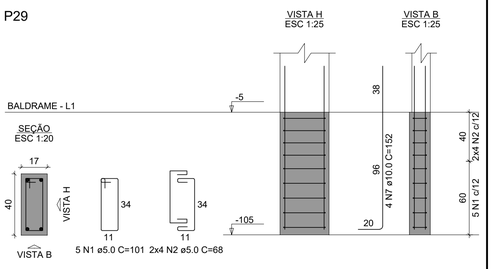

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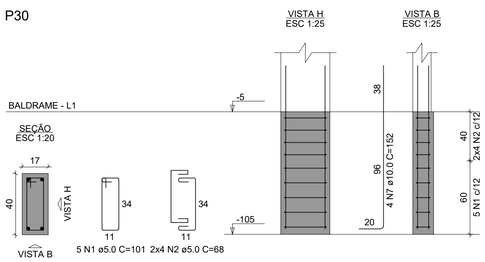

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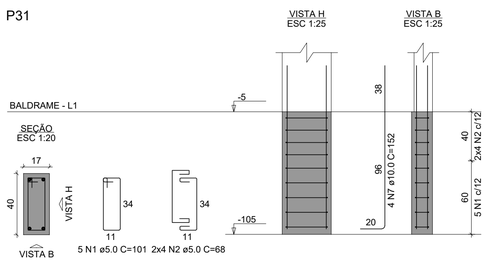

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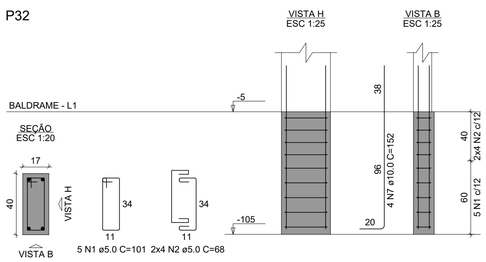

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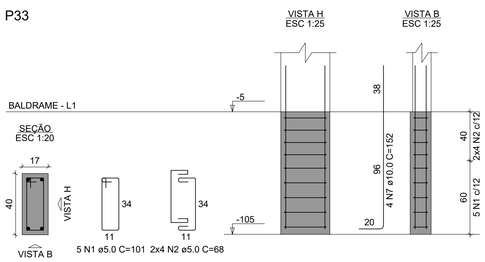

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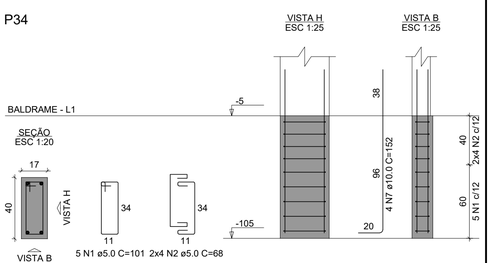

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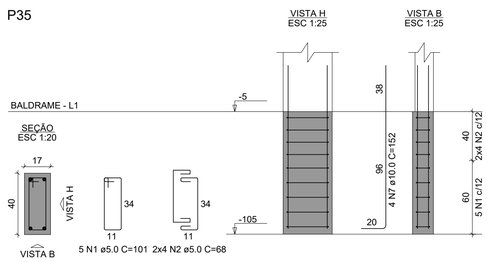

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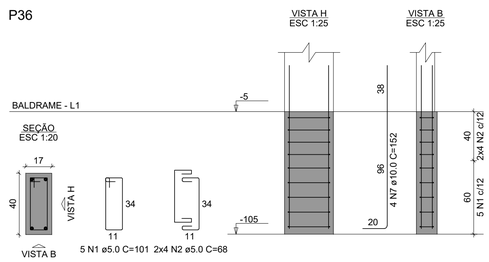

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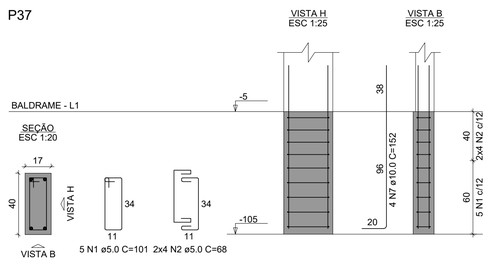

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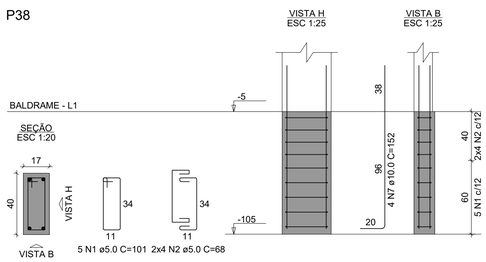

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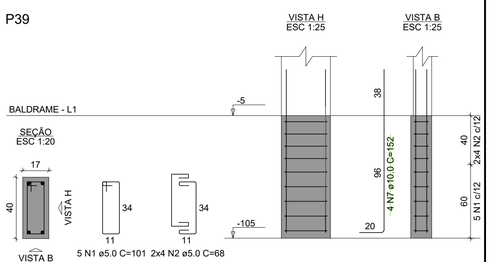

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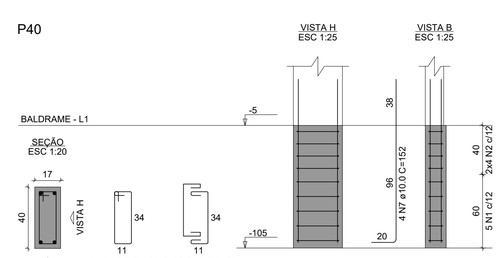

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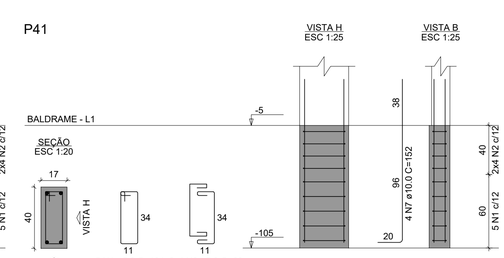

RELAÇÃO DO AÇO

P1	P2	P3
P4	P5	P6
P7	P8	P9
P10	P11	P12
P13	P14	P15
P16	P17	P18
P19	P20	P21
P22	P23	P24
P25	P26	P27
P28	P29	P30
P31	P32	P33
P34	P35	P36
P37	P38	P39
P40	P41	16xS1
25xS16		

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	205	101	20705
	2	5.0	328	68	22304
	3	5.0	75	375	28125
CA50	4	8.0	336	119	39984
	5	8.0	600	148	88800
	6	8.0	600	104	62400
	7	10.0	164	152	24928

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	8.0	1911.8	829.8
	10.0	249.3	169.1
CA60	5.0	711.3	120.6

PESO TOTAL (kg)	
CA50	998.9
CA60	120.6

Volume de concreto (C-25) = 16.74 m³
Área de forma = 84.04 m²

RUBENS LUIS ROLANDO SOUZA:51335883053
Assinado de forma digital por RUBENS LUIS ROLANDO SOUZA:51335883053
Dados: 2025.07.07 15:58:57 -03'00'

RUBENS LUIS ROLANDO SOUZA
ENGENHEIRO CIVIL
CREA RS 88.296/D

PROJETO ESTRUTURAL

RUBENS L. R. SOUZA
Rua Dr. Luiz Oscar Praeuchner 1079
Planalto-PR (046)35551186
rubensluis@globomail.com

PREFEITURA MUNICIPAL DE CAPANEMA

CONSTRUÇÃO DE MURO
PROGRAMA INFÂNCIA FELIZ - PROJETO PADRÃO DE CRECHES - 456,86m²
CRECHE SANTA BÁRBARA
DETALHE SAPATAS

Rua Cariris, Lote Nº 52-B Gleba 135-CP, Bairro Sta Bábara

Escala: 01/50

Desenho:Eng Rubens

Área: -

Data: 26/05/2025

Unidade: cm

Prancha 04/07