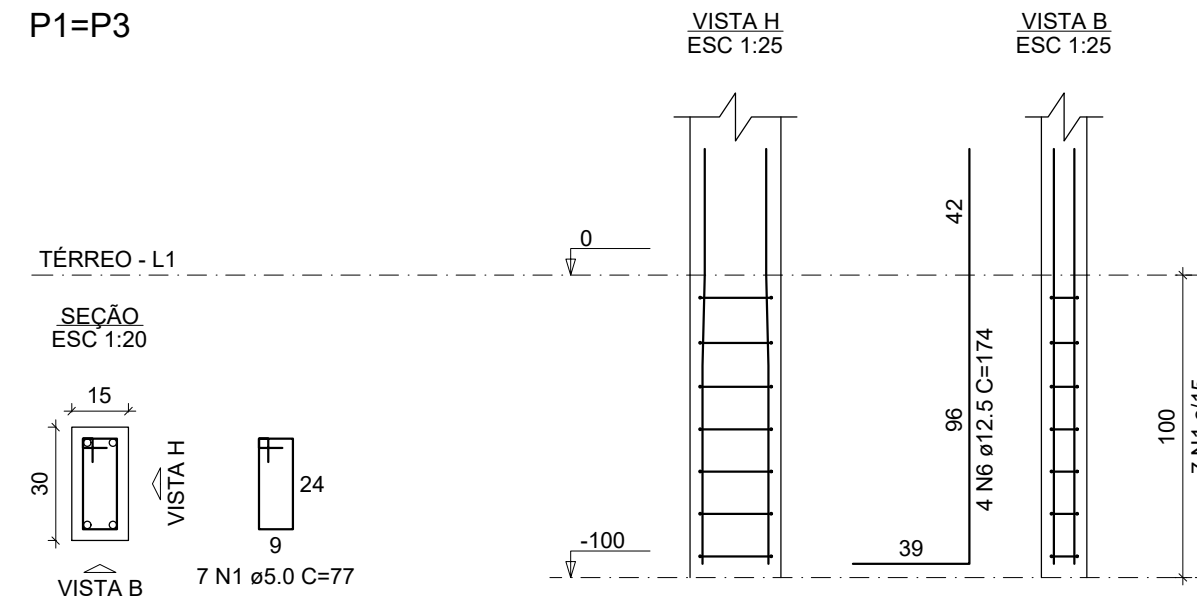
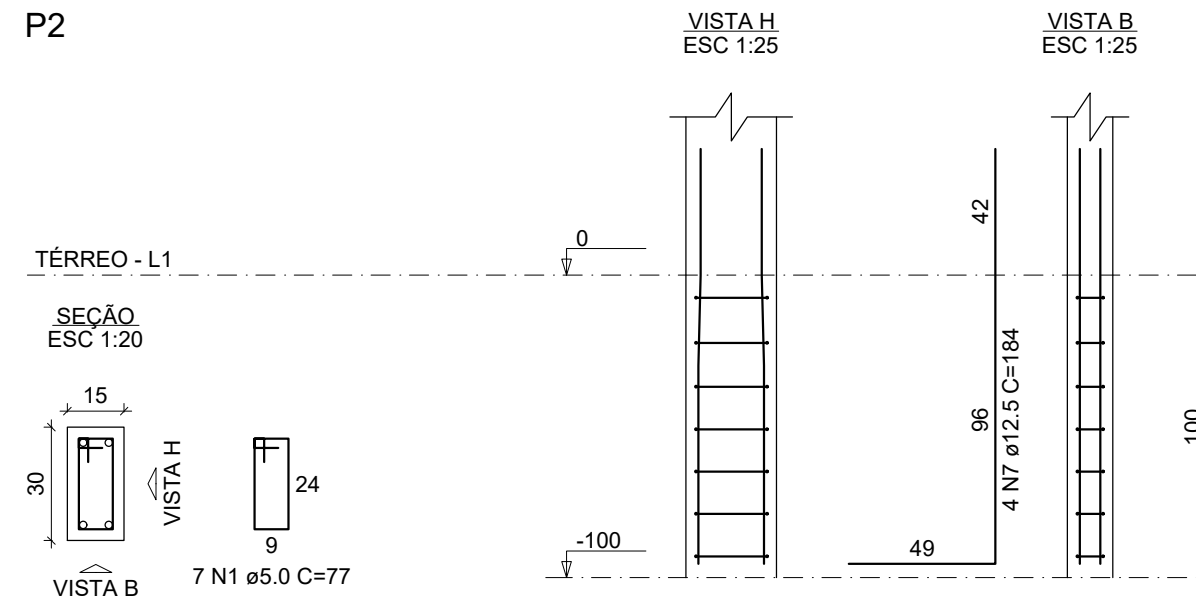


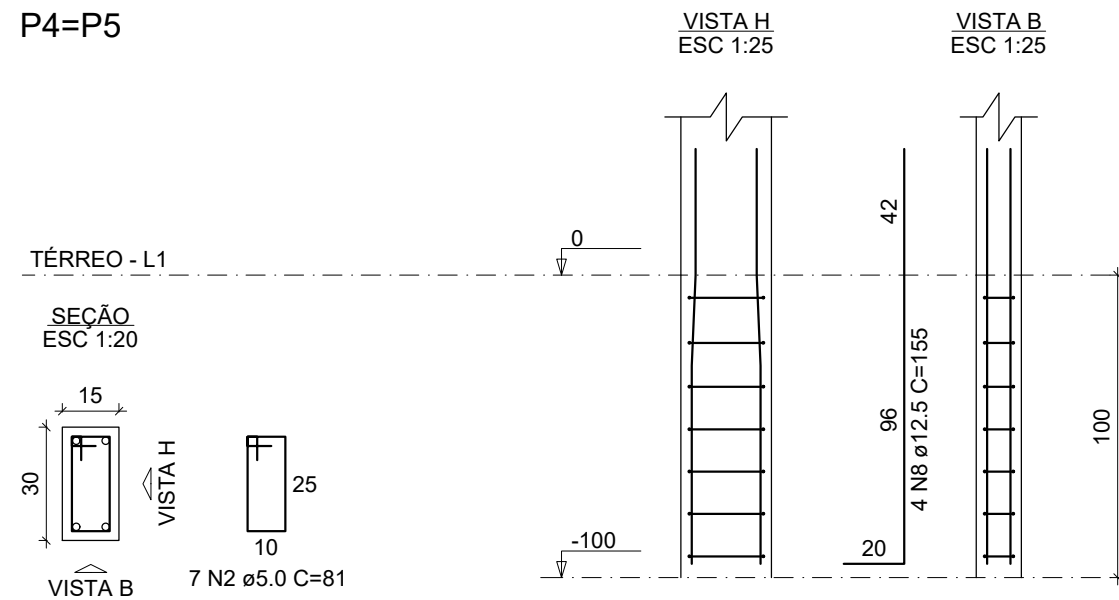
P1=P3



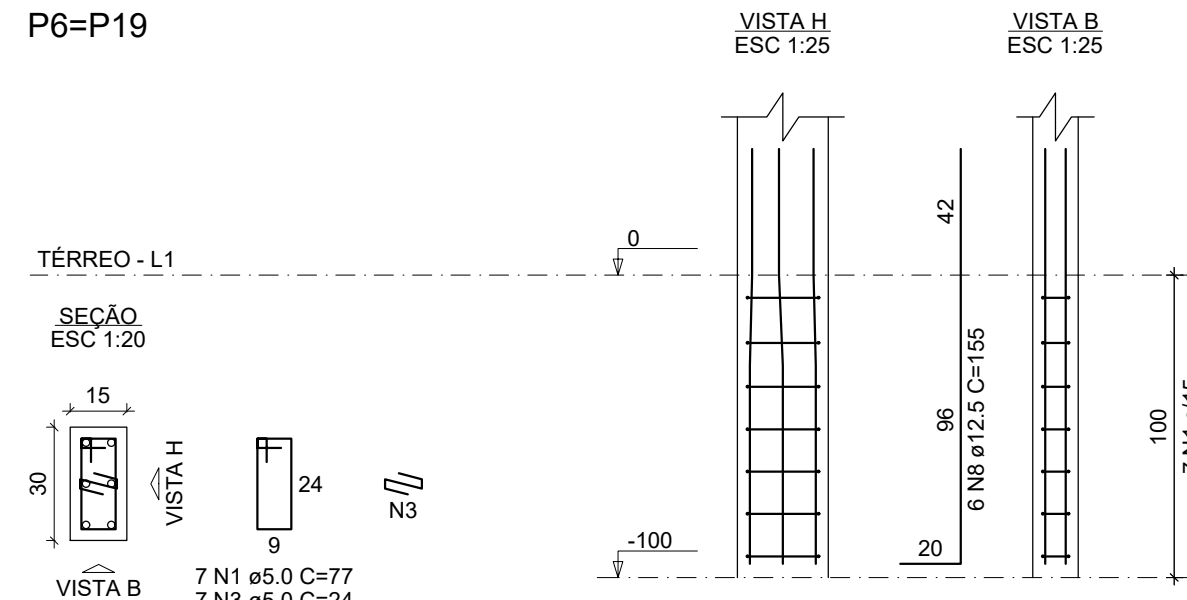
P2



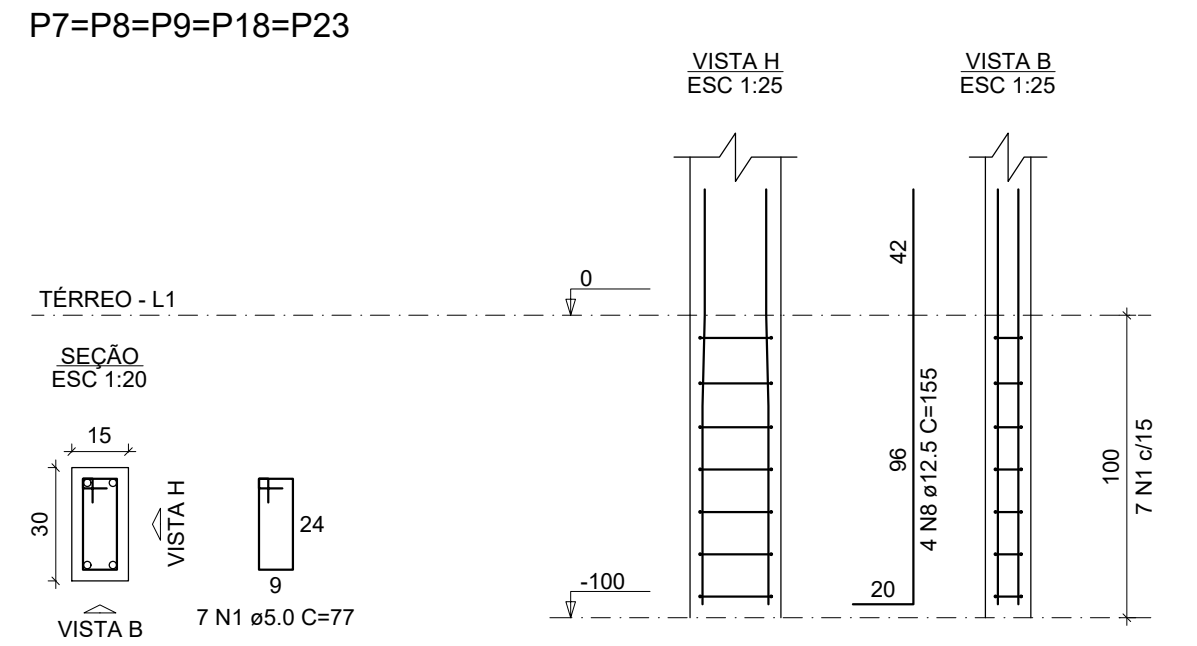
P4=P5



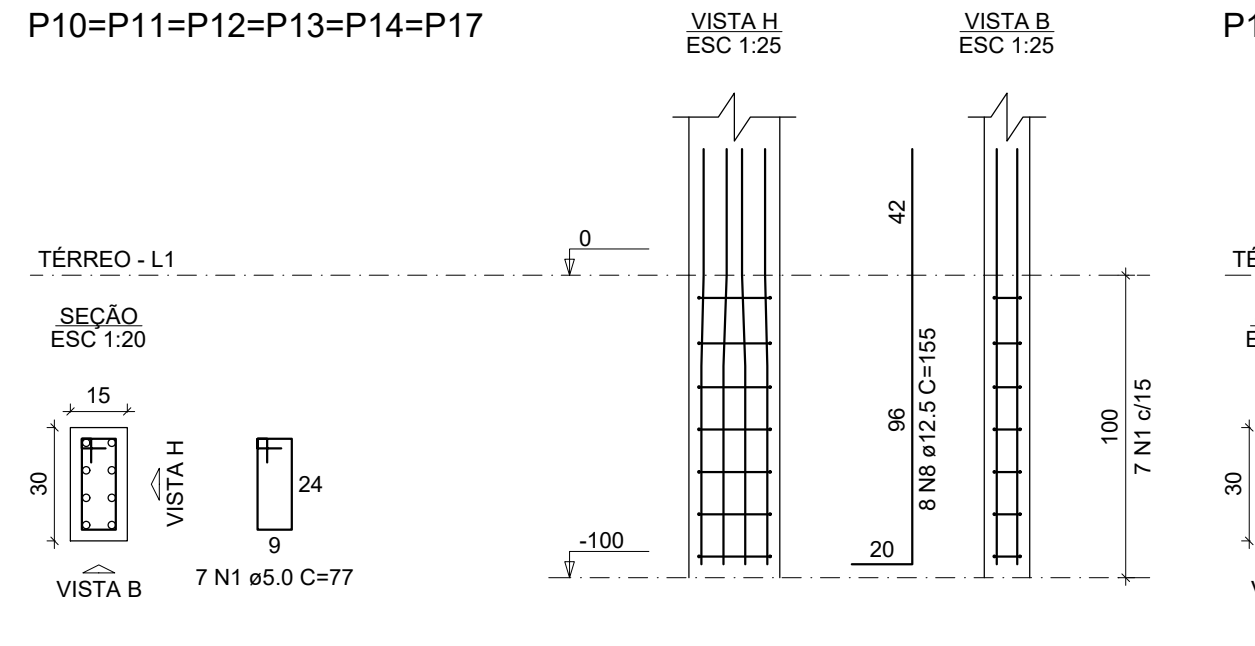
P6=P19



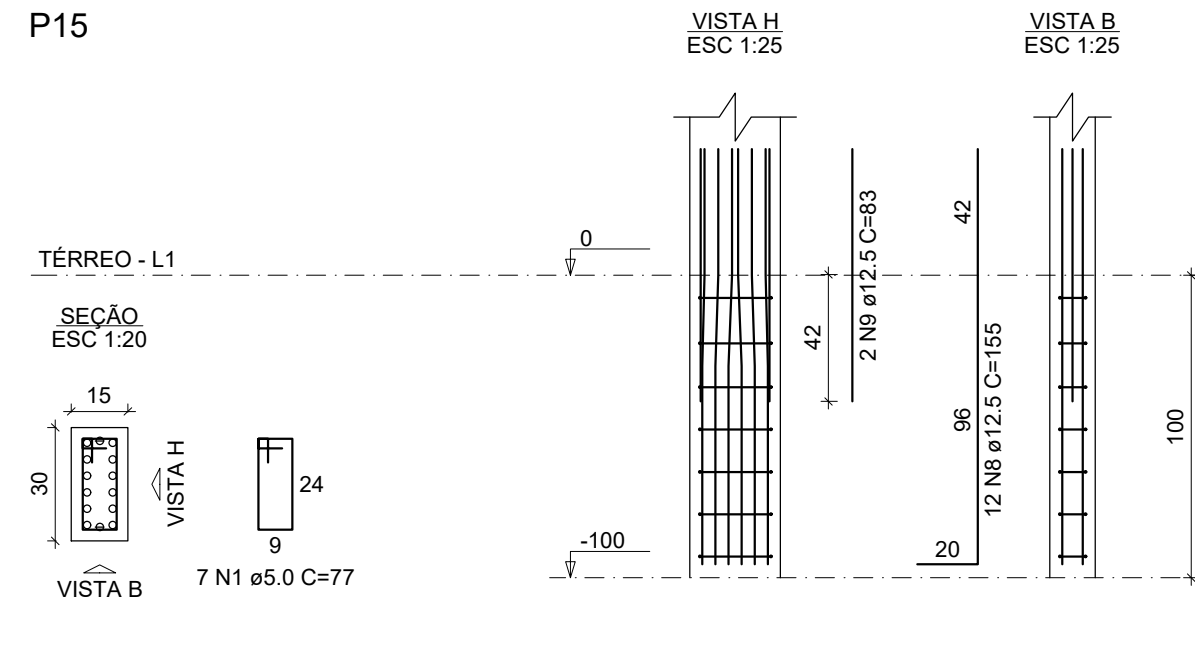
P7=P8=P9=P18=P23



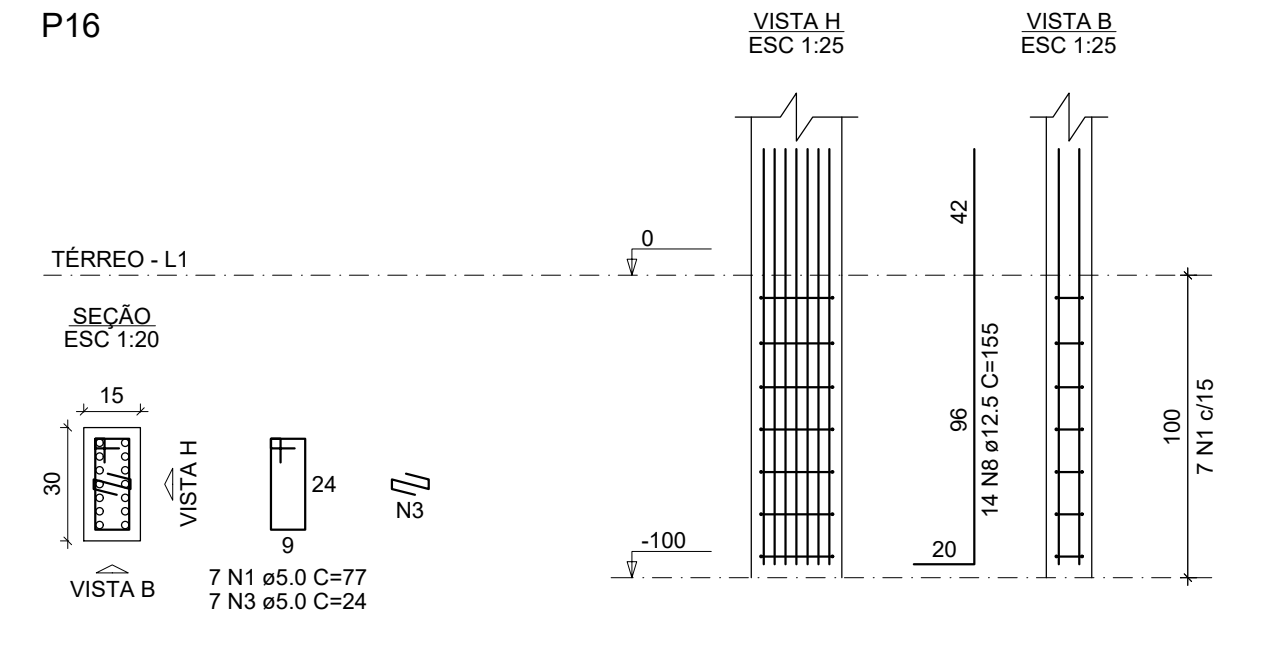
P10=P11=P12=P13=P14=P17



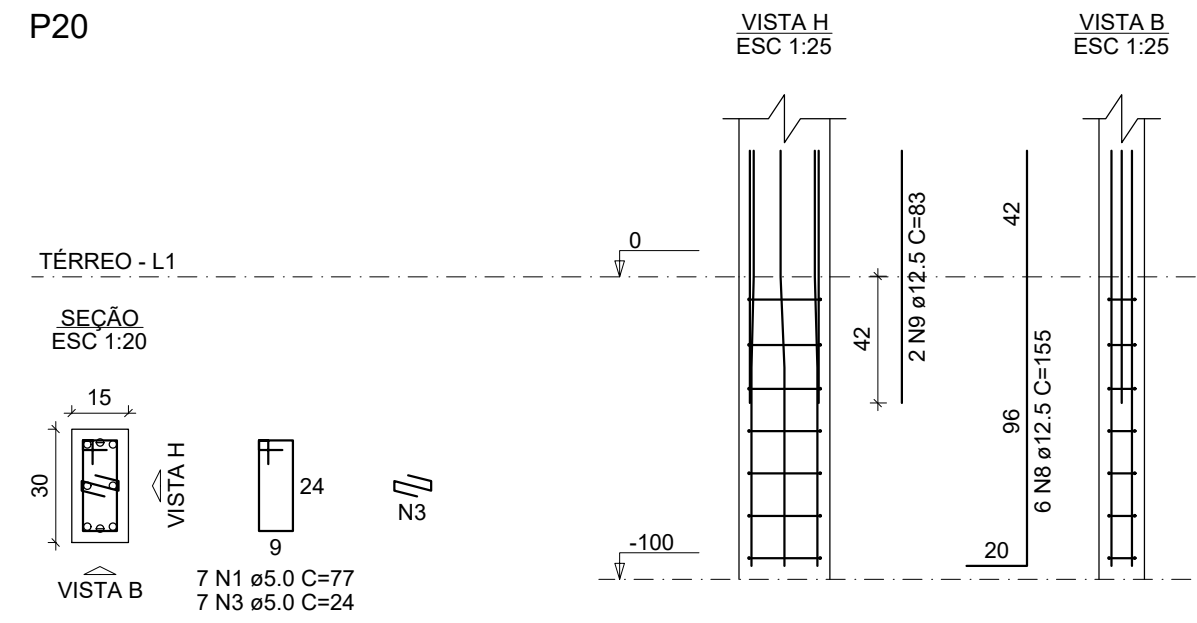
P15



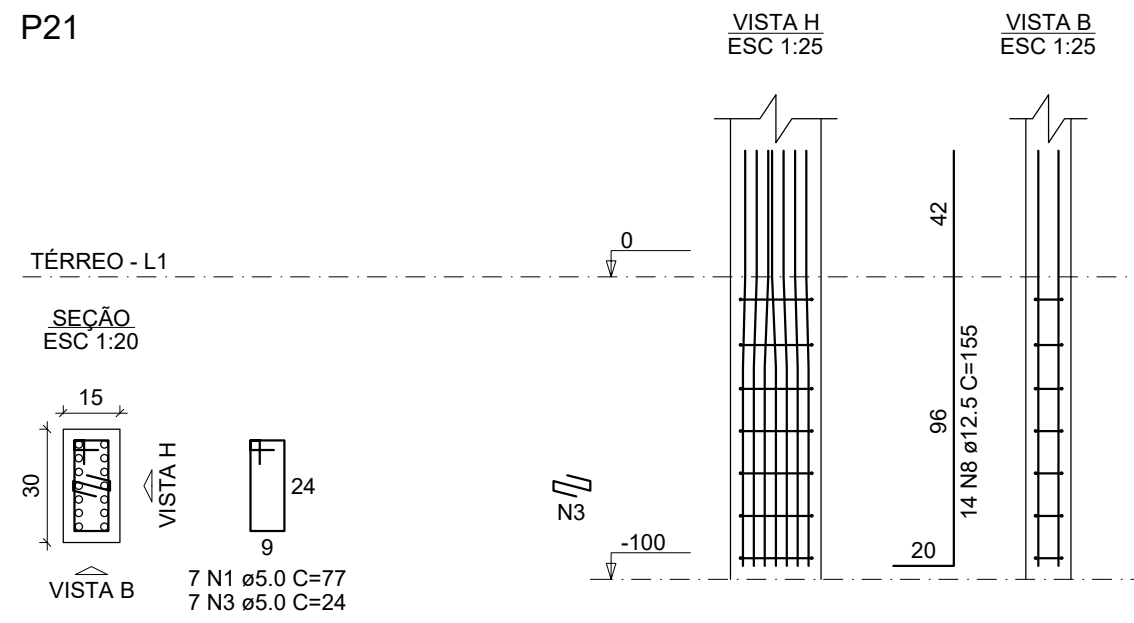
P16



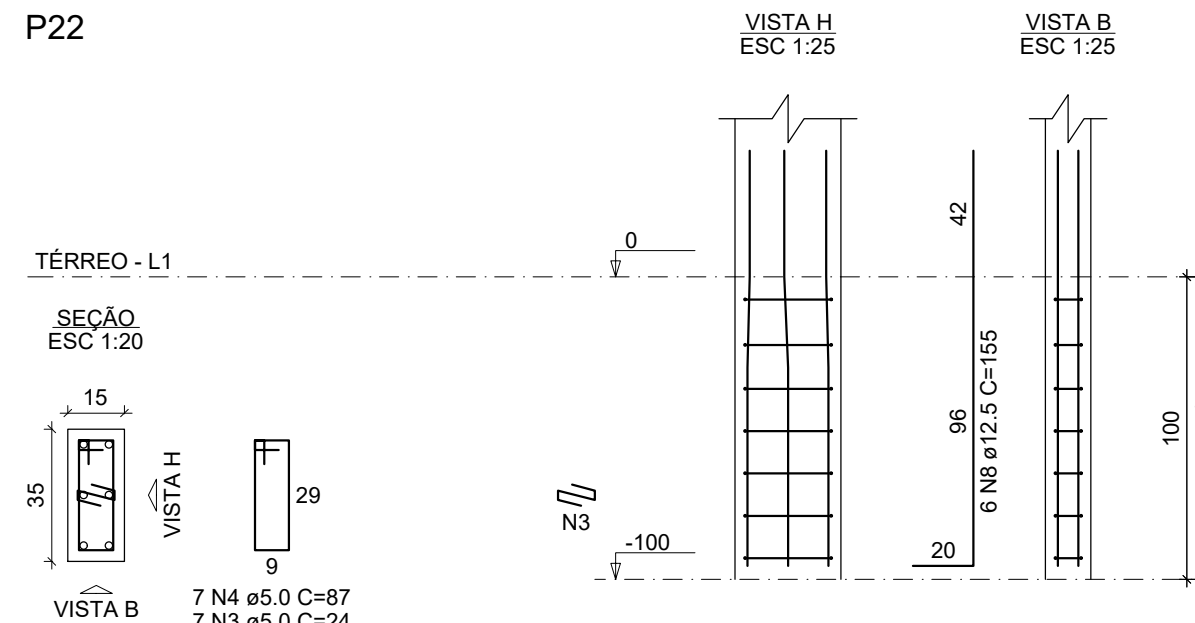
P20



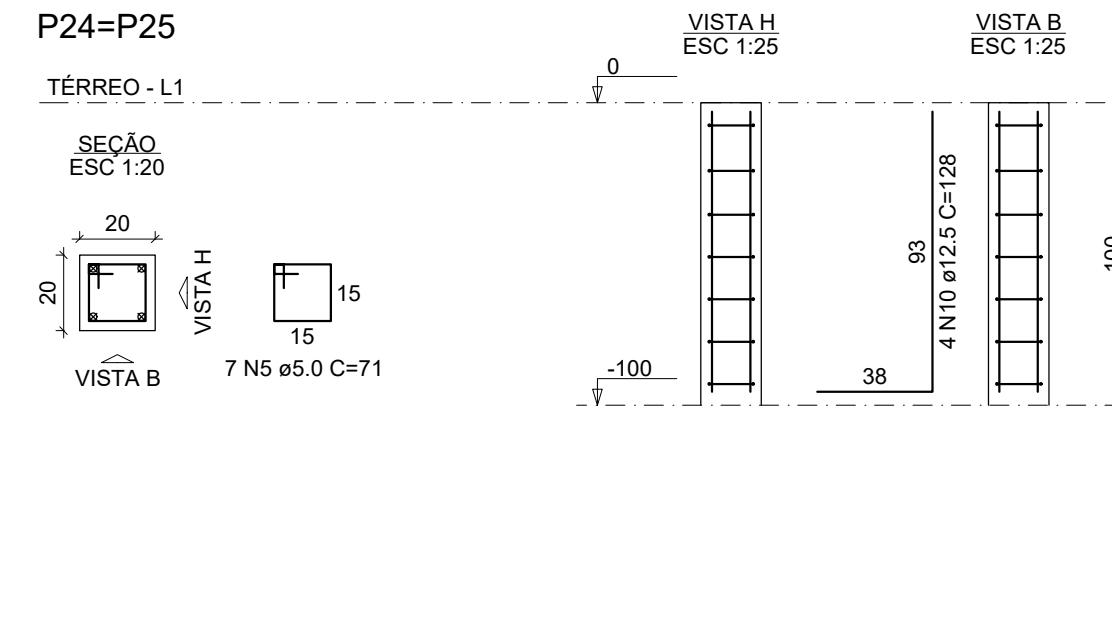
P21



P22



P24=P25



Relação do aço

2xP1	P2	2xP4
2xP6	5xP7	6xP14
P15	P16	P20
P21	P22	2xP24

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	140	77	10780
	2	5.0	14	81	1134
	3	5.0	42	24	1008
	4	5.0	7	87	609
	5	5.0	14	71	994
CA50	6	12.5	8	174	1392
	7	12.5	4	184	736
	8	12.5	140	155	21700
	9	12.5	4	83	332
	10	12.5	8	128	1024

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	12.5	251.9	266.9
CA60	5.0	145.3	24.6
PESO TOTAL (kg)			
CA50	266.9		
CA60	24.6		

Volume de concreto (C-30) = 0.71 m³
Área de forma = 14.13 m²



PREFEITURA MUNICIPAL DE WESTFÁLIA RS

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PROJETO REFORMA E AMPLIAÇÃO CASA DA CULTURA

Rua Henrique Uebel, Bairro Bela Vista, nº 437 - Westfália/RS

DESCRIÇÃO	PROPRIETÁRIO		
ESTRUTURAL - ARRANQUE DOS PILARES			
ÁREA	MUNICÍPIO DE WESTFÁLIA		
726,31 M²			
ESCALA	UNIDADE	RESP. TÉCNICO	PRANCHA
1/50	CENTÍMETROS		
DATA	Eng. Civil FERNANDO BATTISTI		
OUTUBRO/2024	CREA-RS nº 230.439		

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