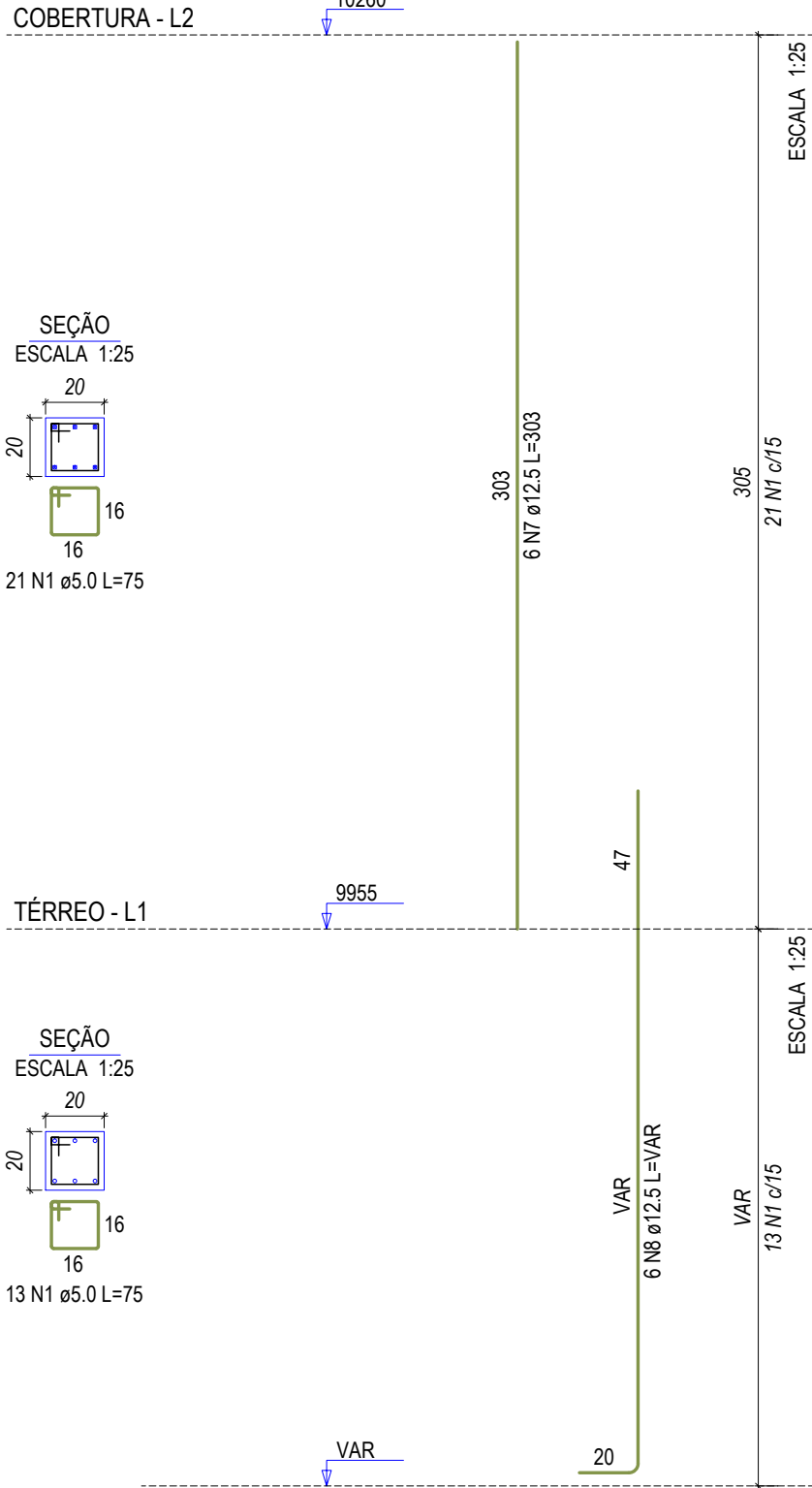
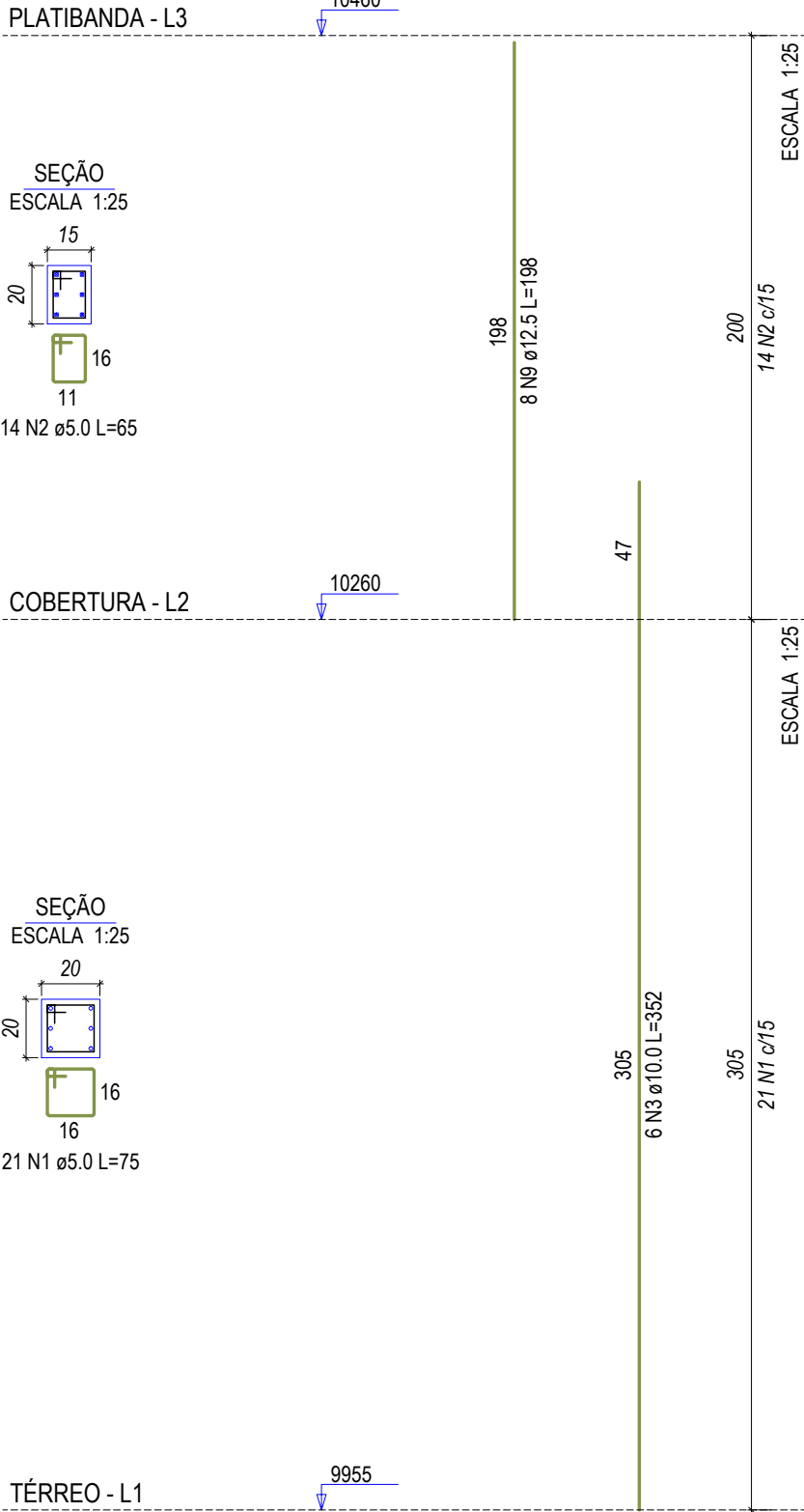


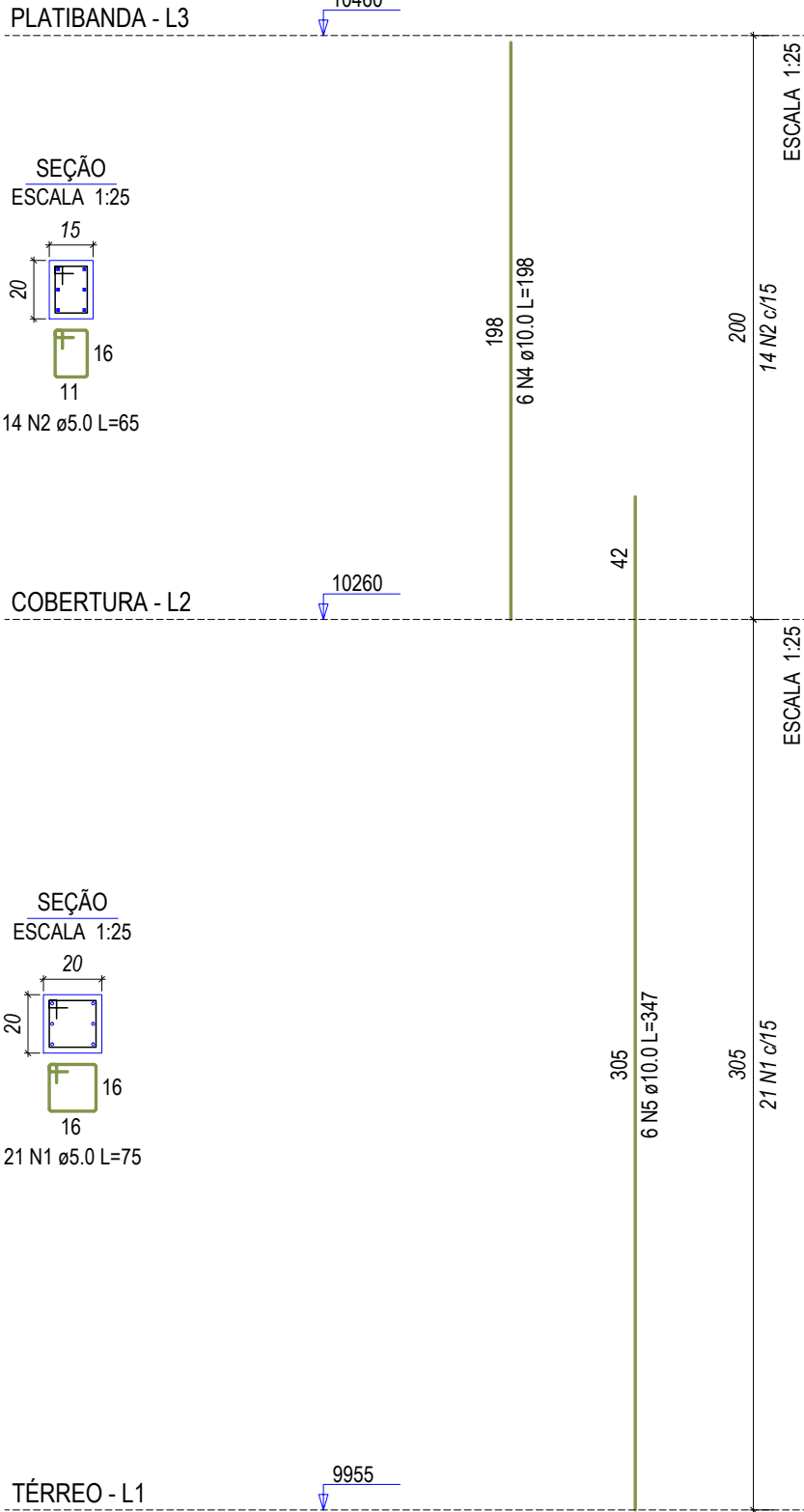
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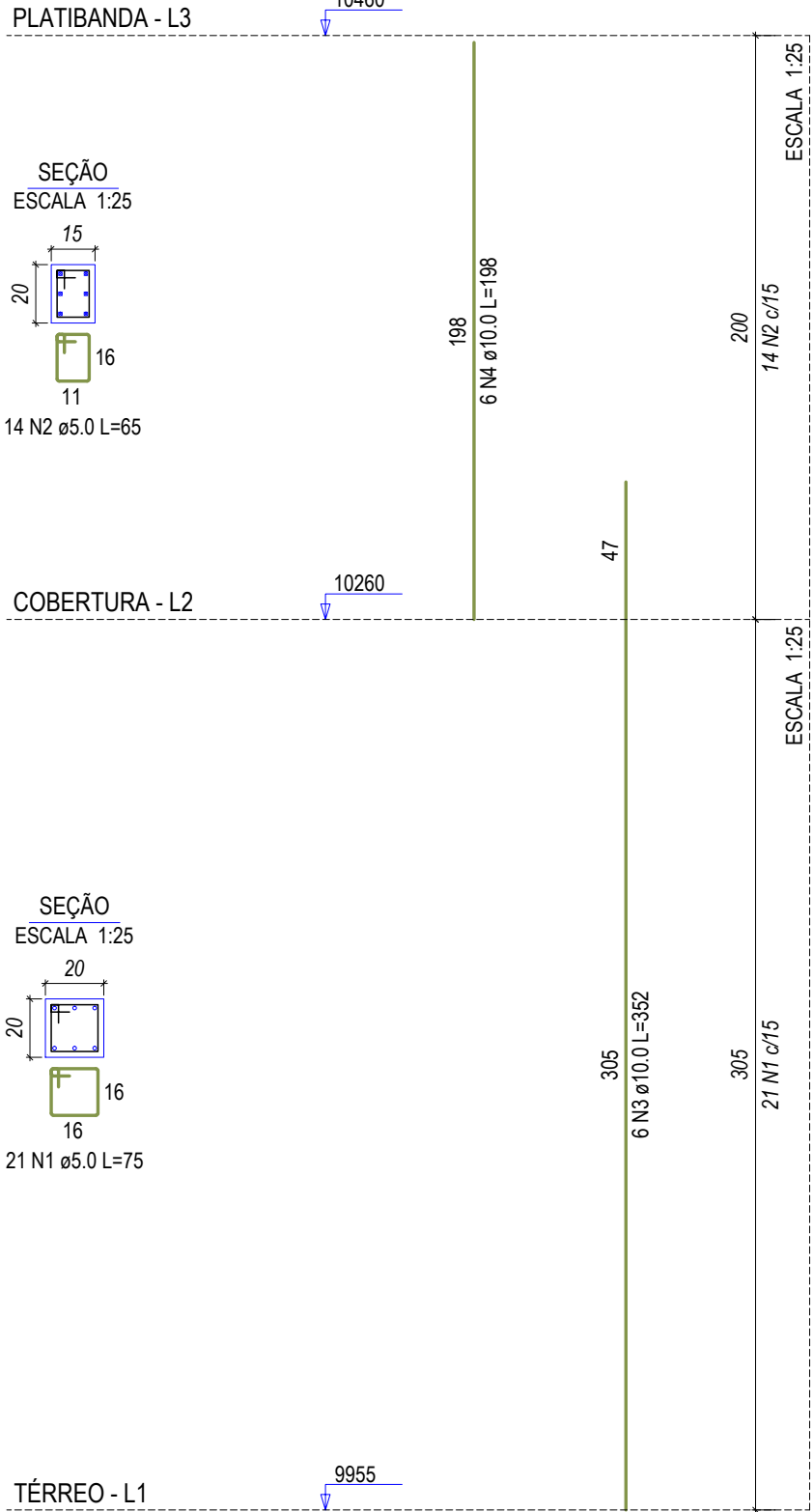
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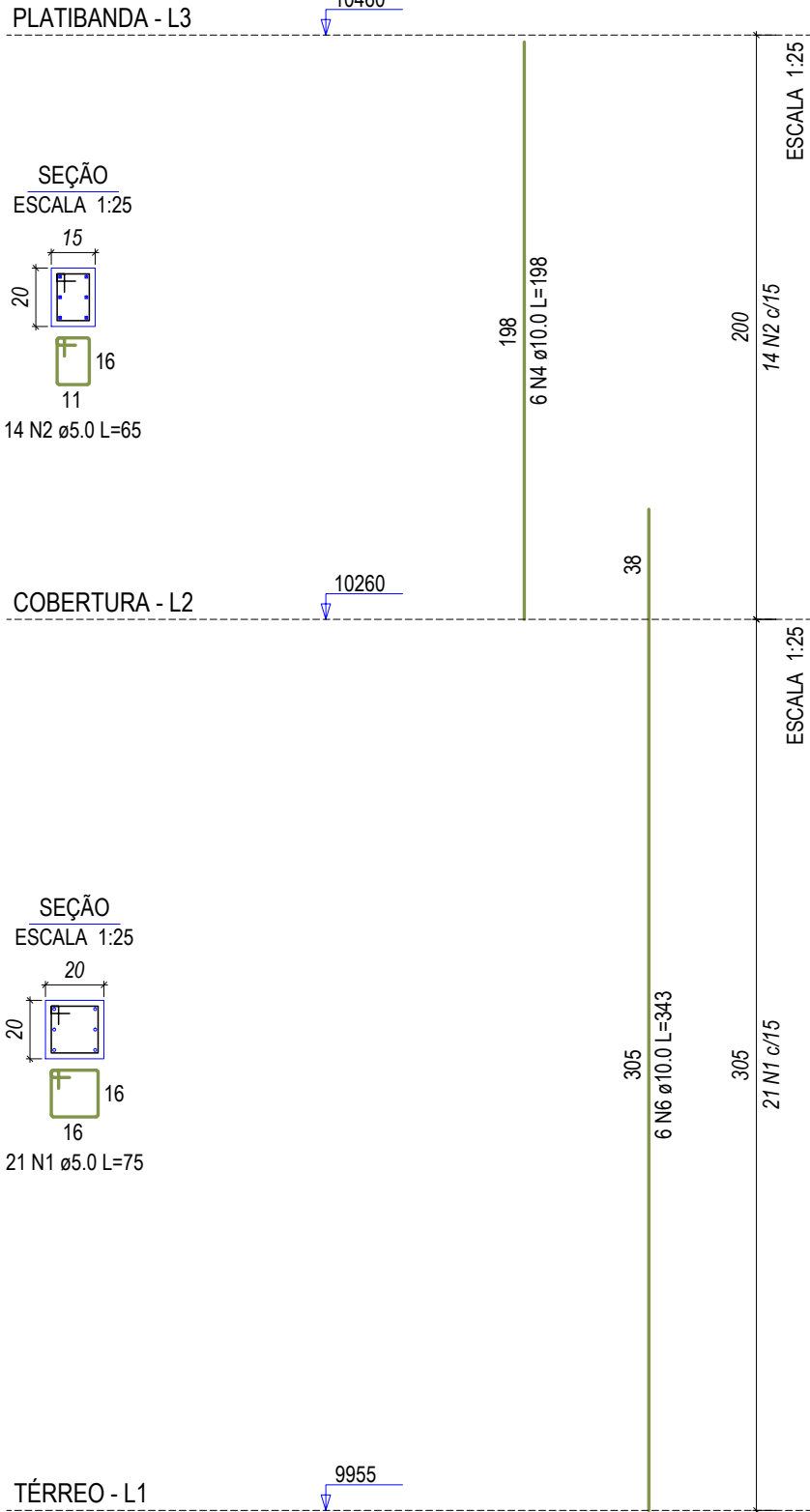
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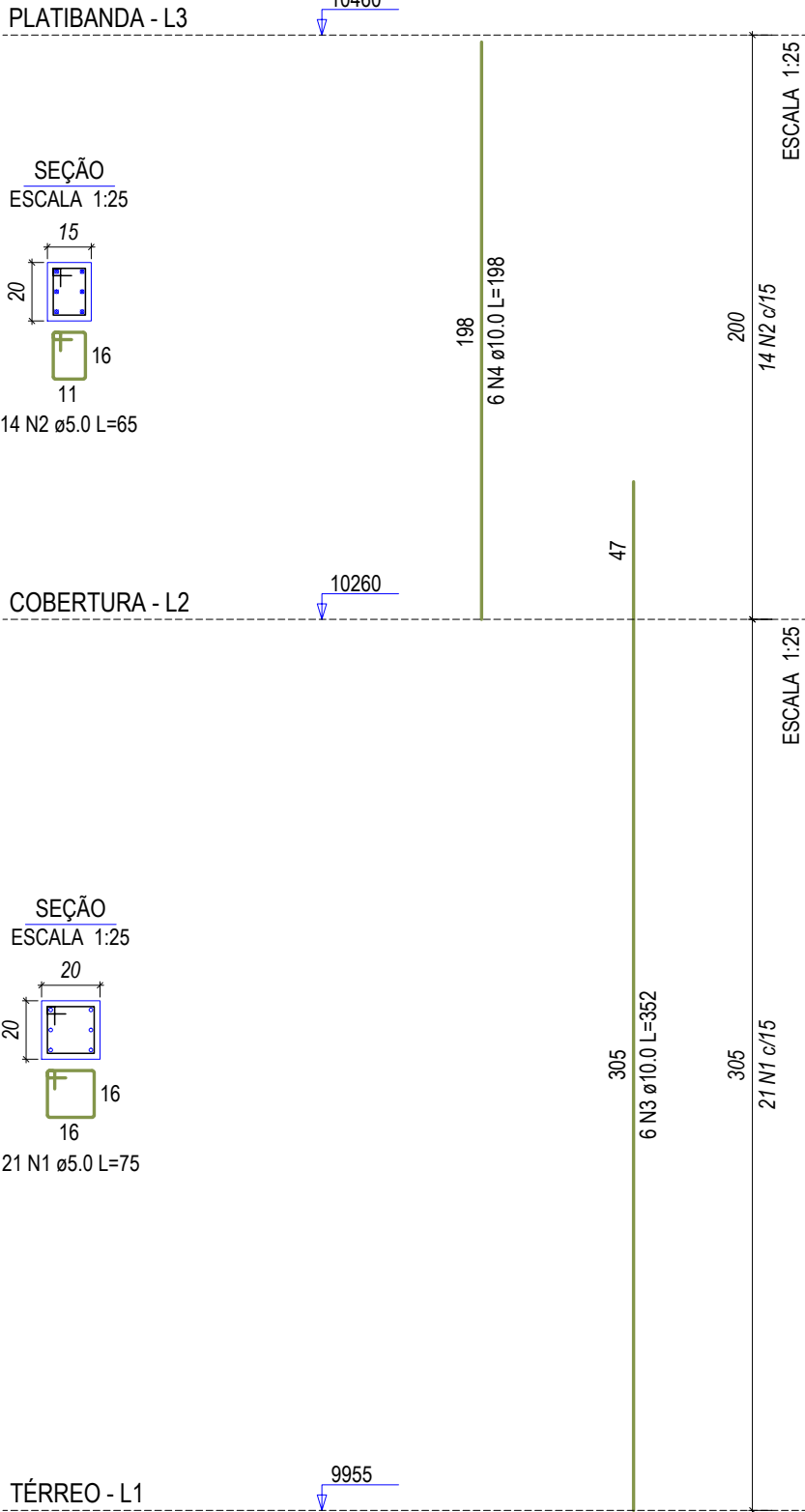
RELAÇÃO DO AÇO					
P10 P15	P11 P16	P12 P17	P13	P14	
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	181	75	13575
	2	5.0	98	65	6370
CA50	3	10.0	24	352	8448
	4	10.0	36	198	7128
	5	10.0	6	347	2082
	6	10.0	12	343	4116
	7	12.5	6	303	1818
	8	12.5	6	VAR	VAR
	9	12.5	8	198	1584

RESUMO DO AÇO				
AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 0% (Barras)	PESO + 0% (kg)
CA50	10.0	217.7	19	134.2
CA60	12.5	49	5	47.2
	5.0	199.5	17	30.7
PESO TOTAL (kg)		Volume de concreto (C-25) = 1.70 m³		
CA50	181.5	Área de forma = 37.00 m²		
CA60	30.7			

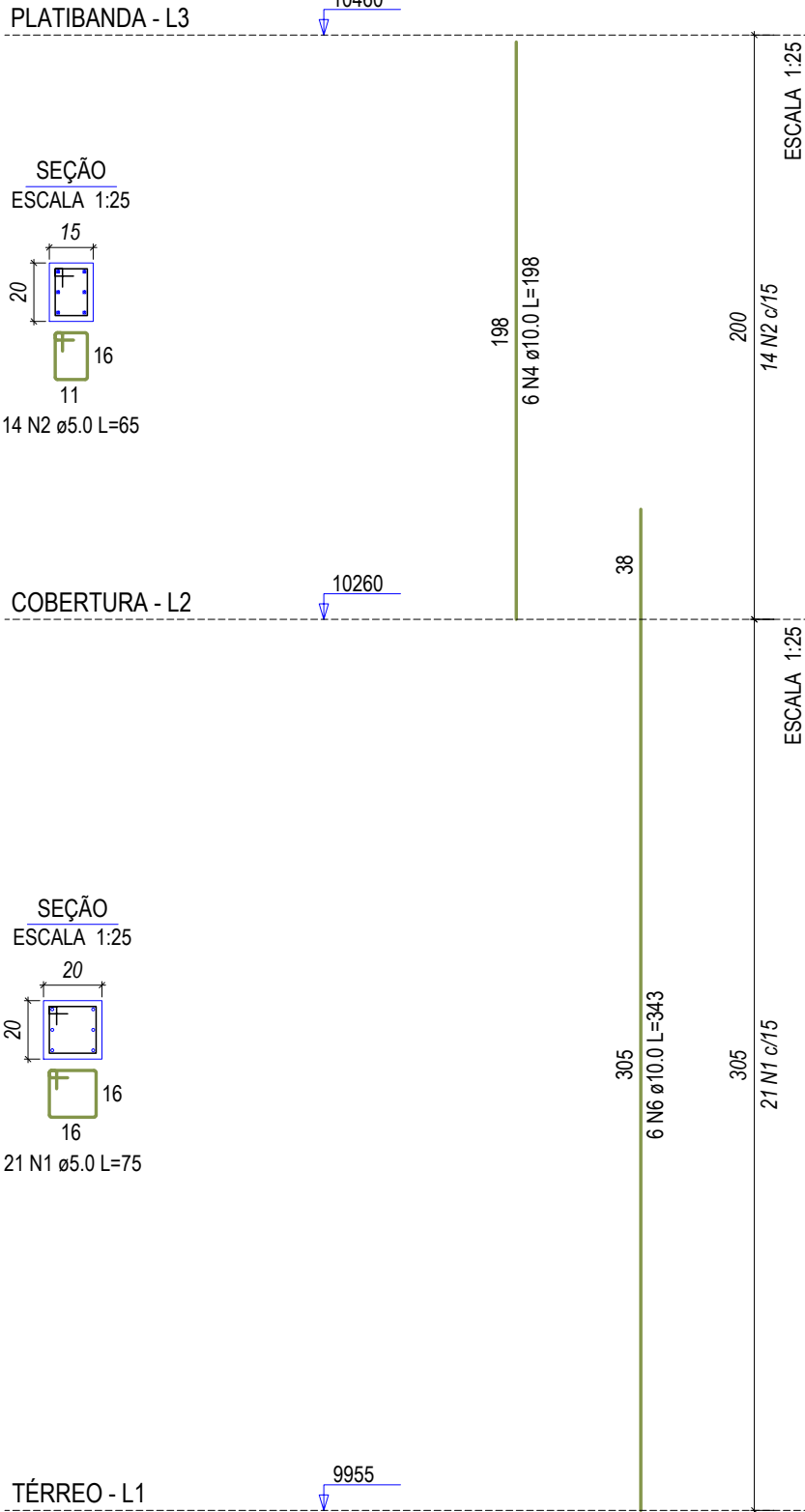
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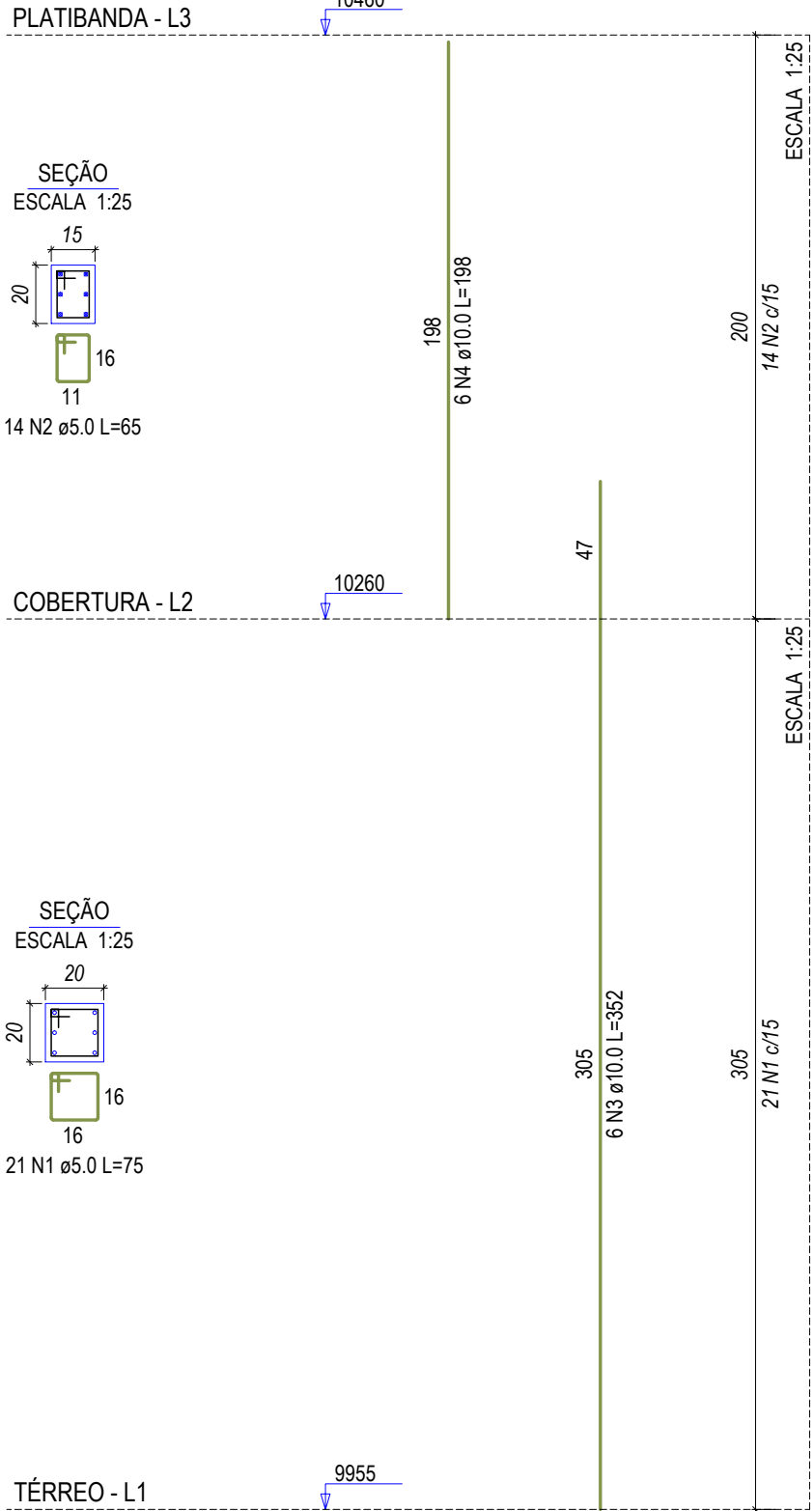
P15



P16



P17



PREFEITO MUNICIPAL: JORGE CLADISTONE POZZOBOM
SECRETÁRIO: JOSÉ ANTÔNIO DE AZEVEDO GOMES
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PROJETO ESTRUTURAL - EDIFICAÇÃO "A"
DETALHAMENTO DOS PILARES

PROPRIETÁRIA / SECRETARIA GESTORA		PROJETISTA / RESPONSÁVEL TÉCNICO	
PREFEITURA MUNICIPAL DE SANTA MARIA		Eng. Civil Regis C. Moraes CREA/RS 93.278	
ÁREA	DESENHO ORIGINAL	A.R.T.	PRANCHA
ESCALA	AJUSTES	DATA	
UNIDADES	Regis Moraes Engenheiro Civil	JUNHO/2024	
ARQUIVO			