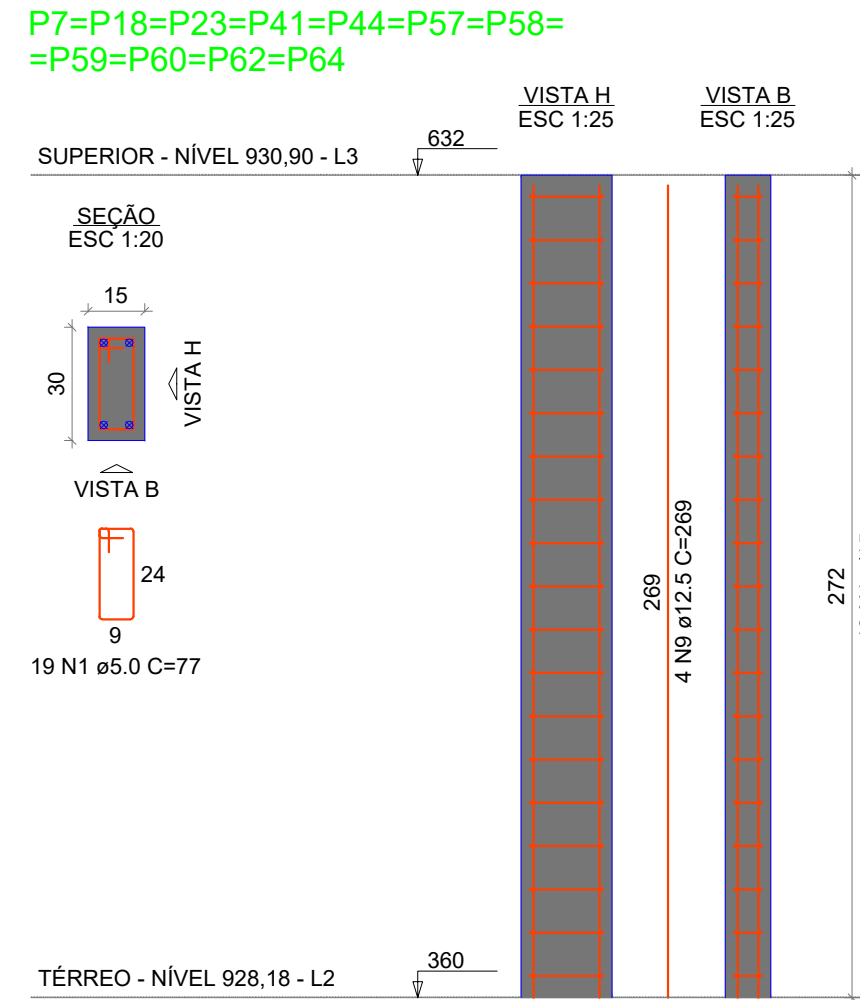
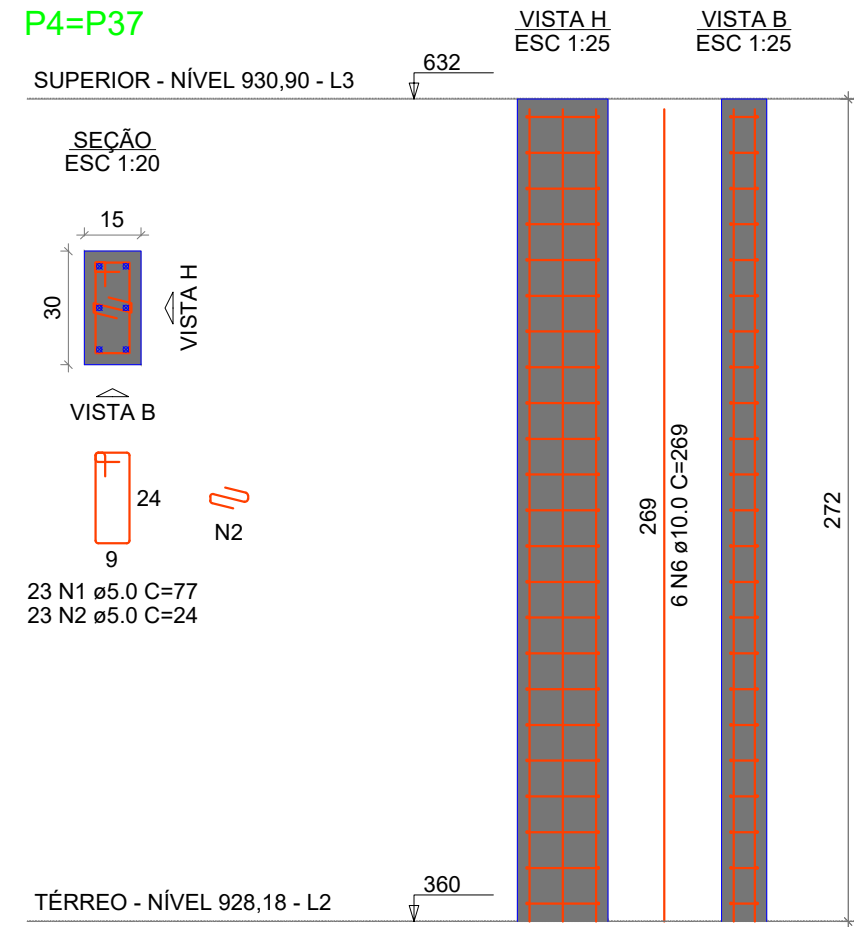
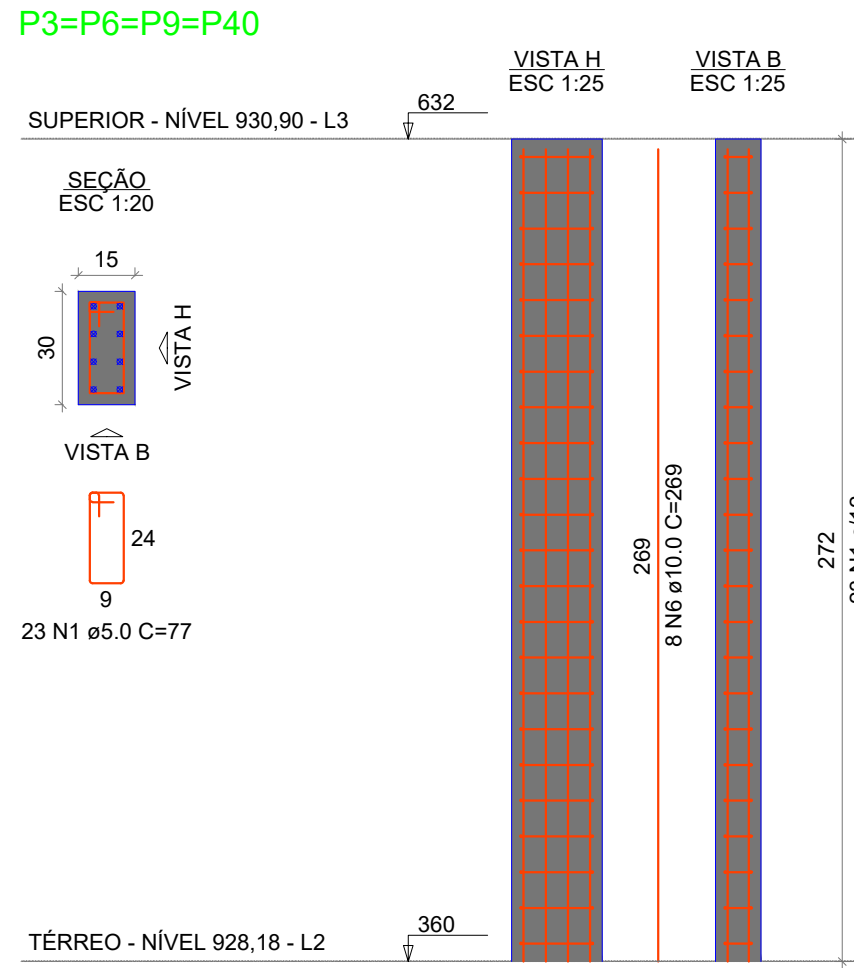
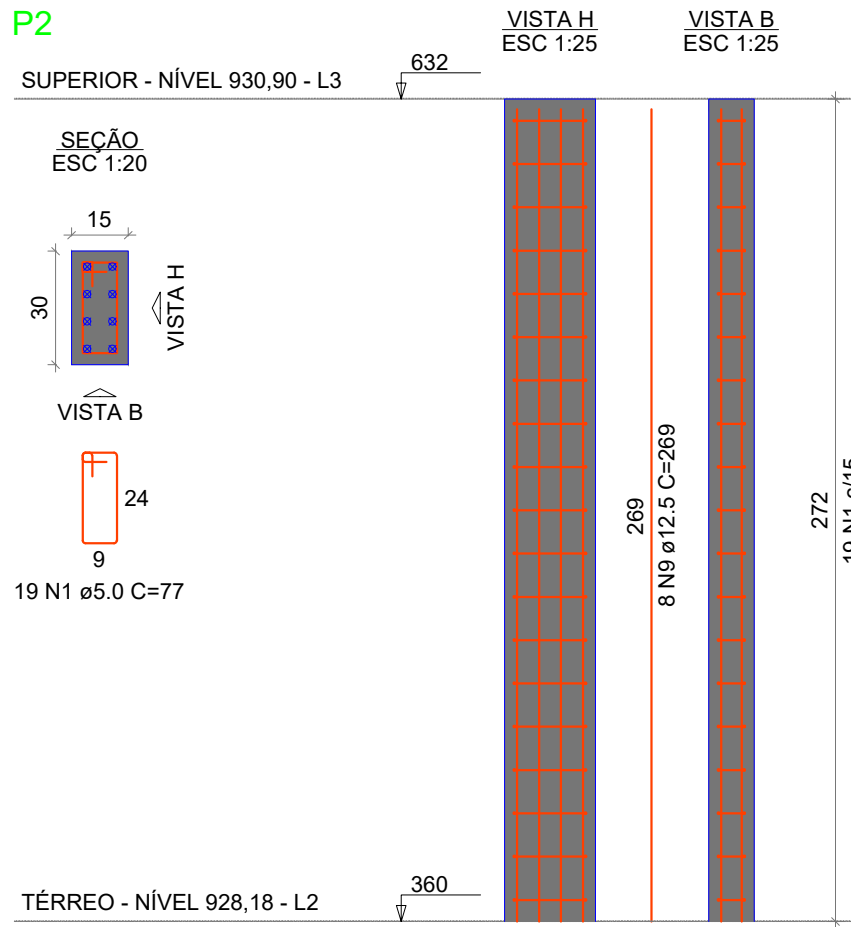
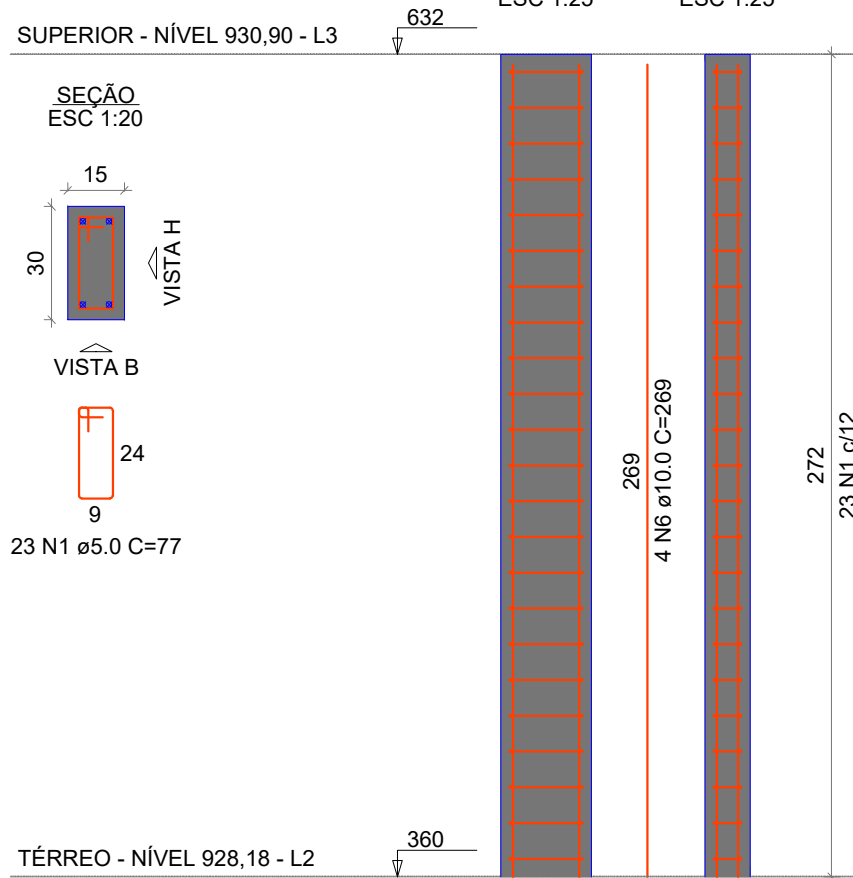


PILARES - Pavimento Superior - Nível 930,90

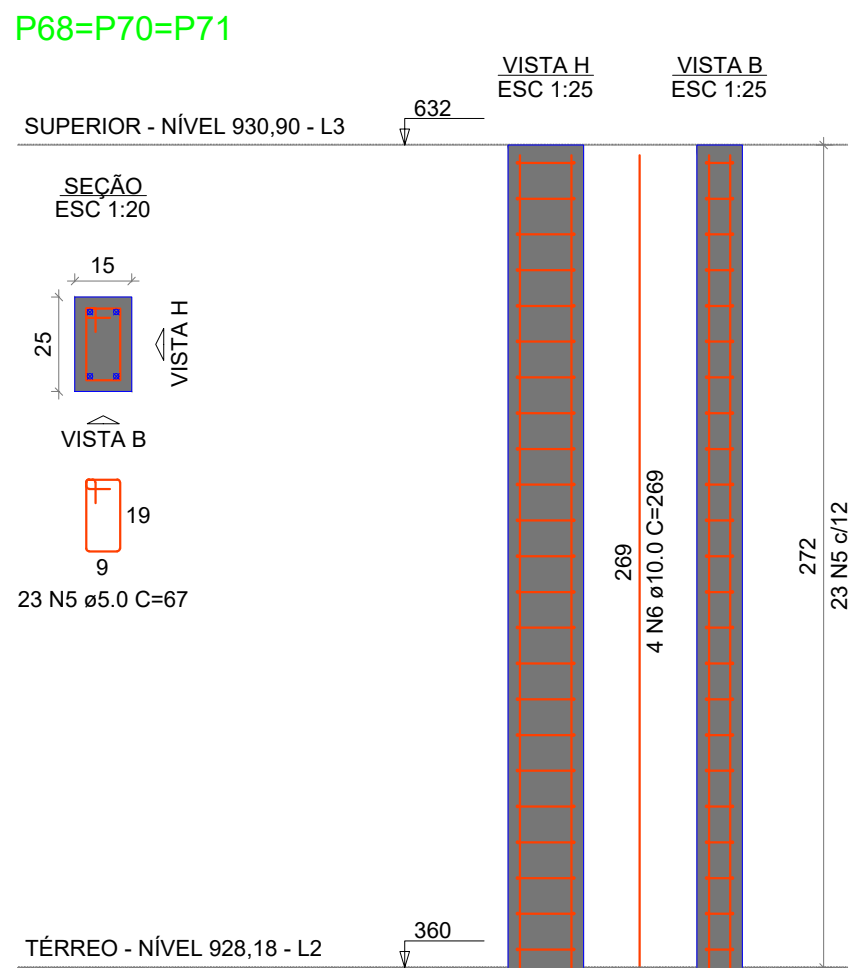
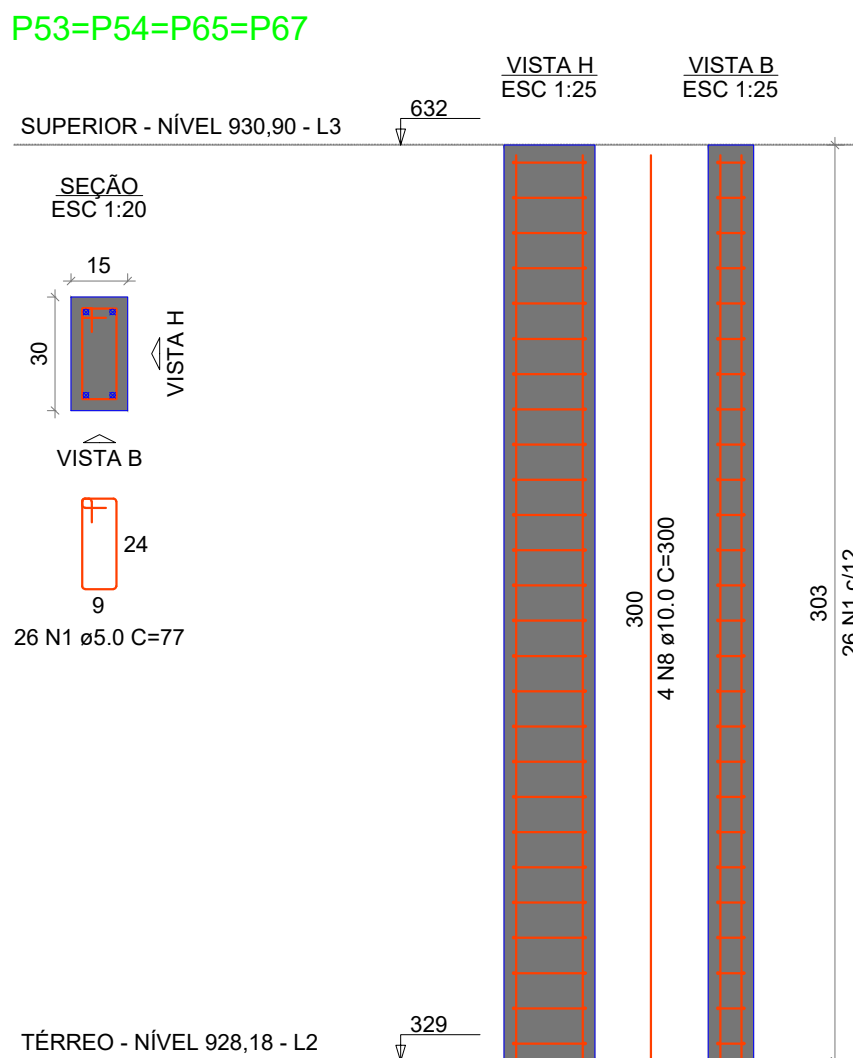
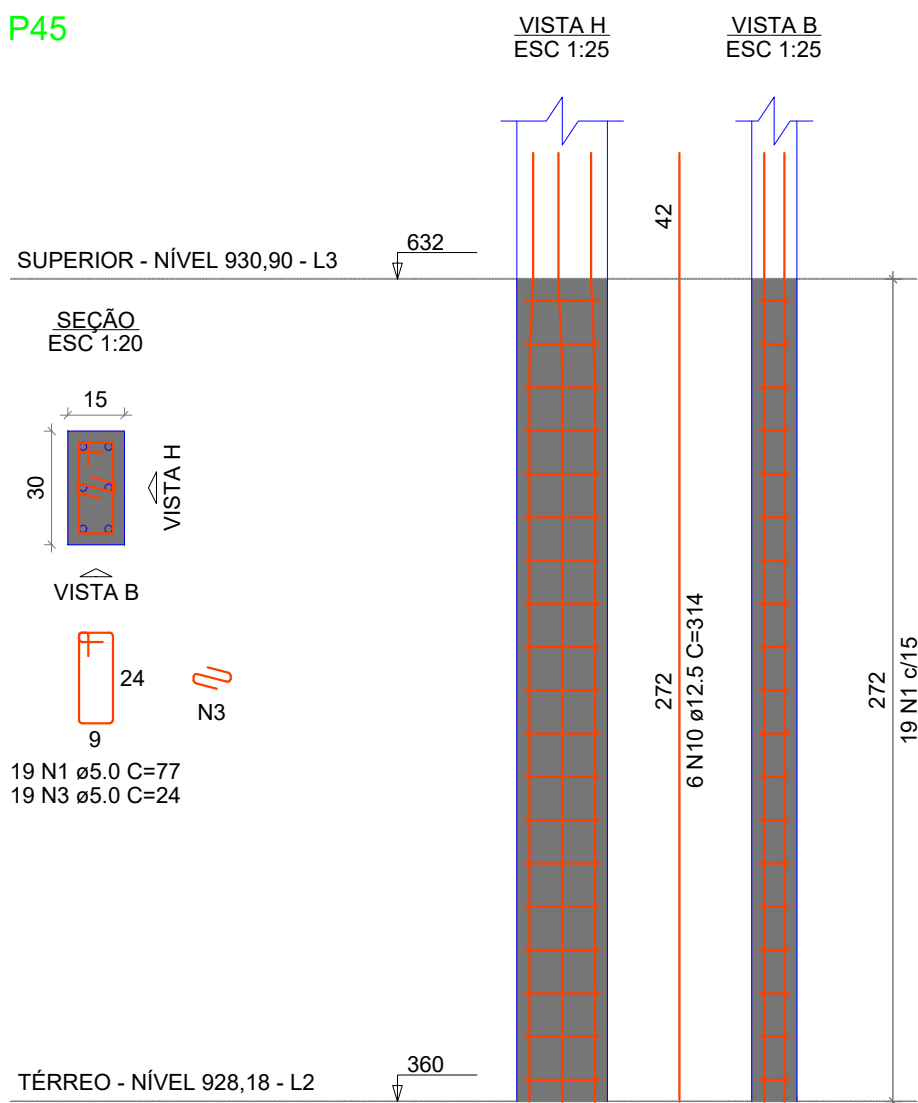
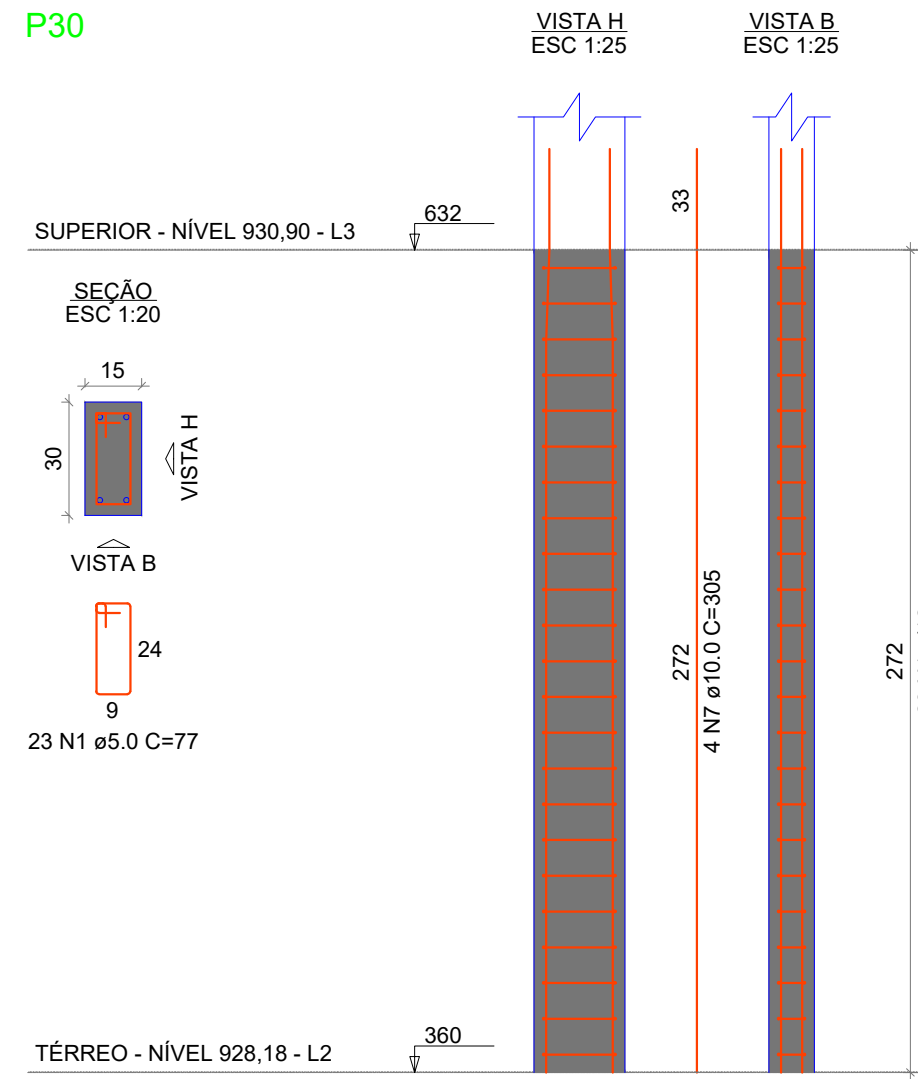
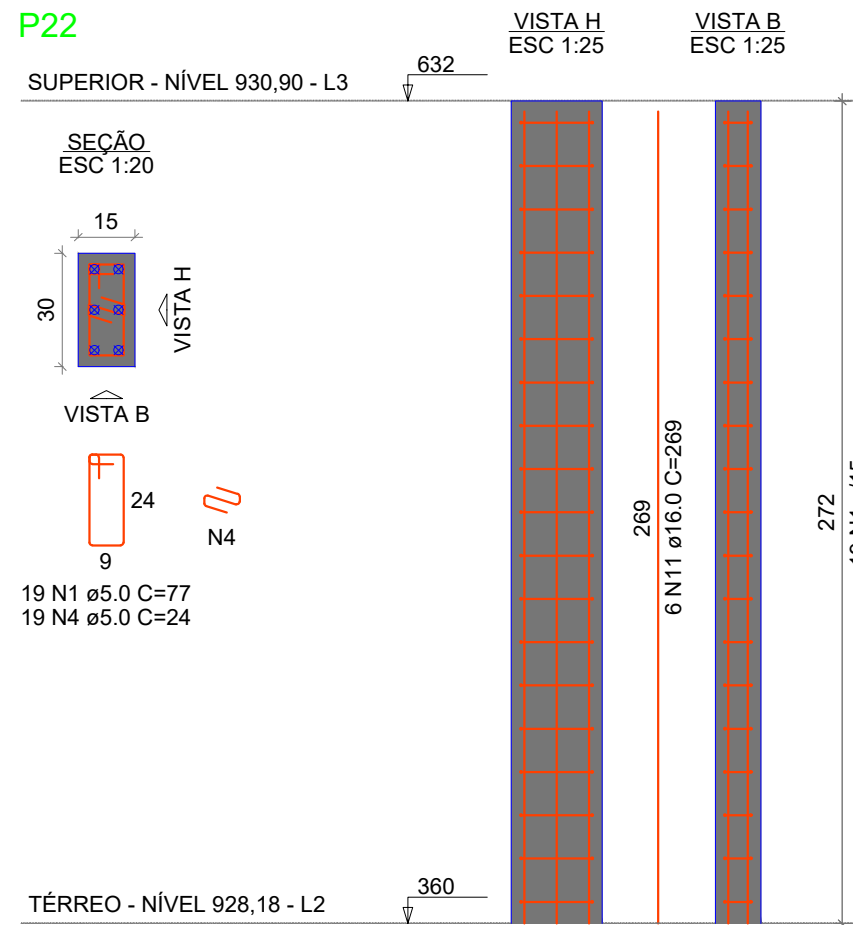
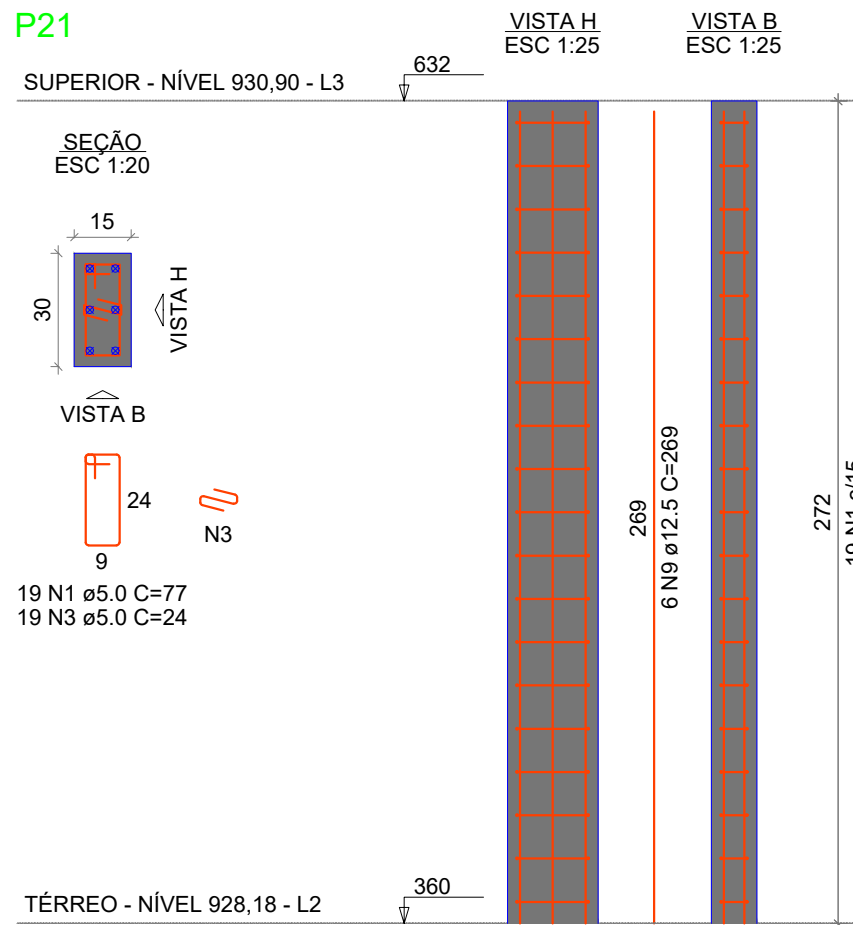
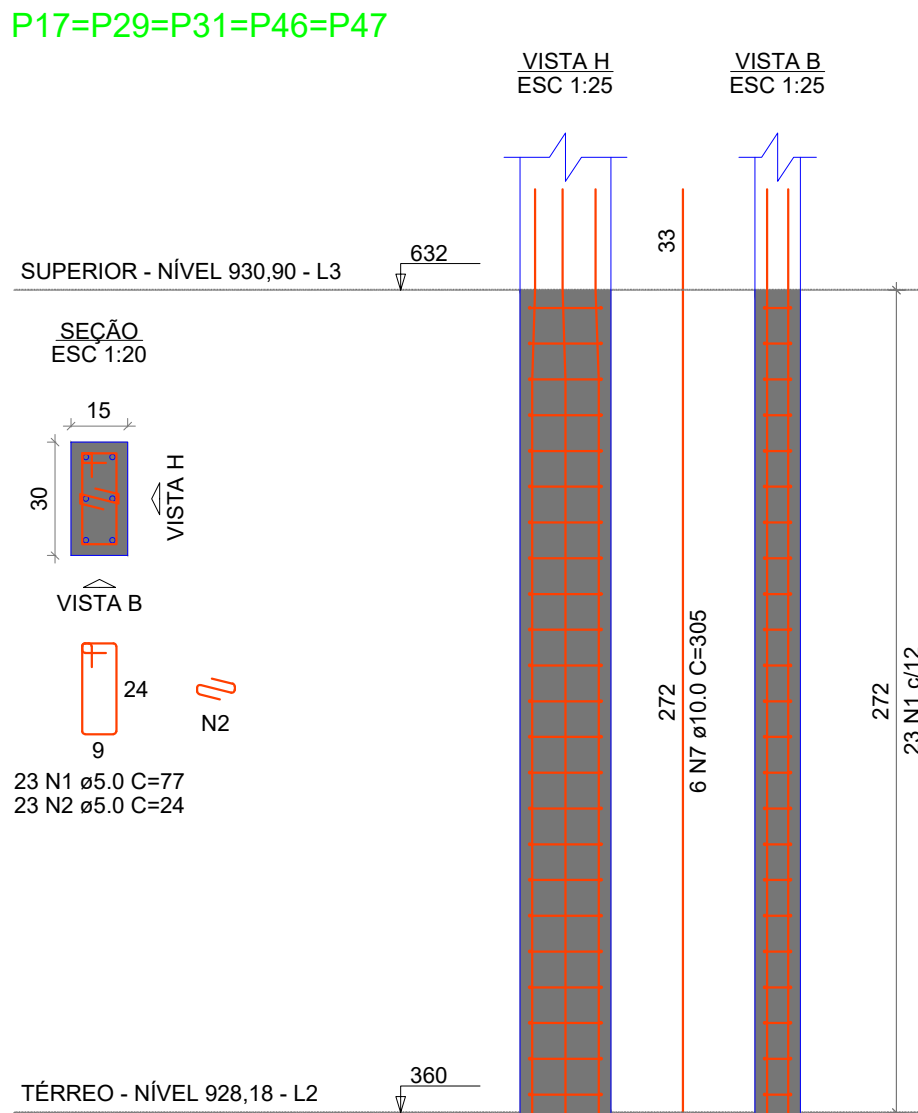
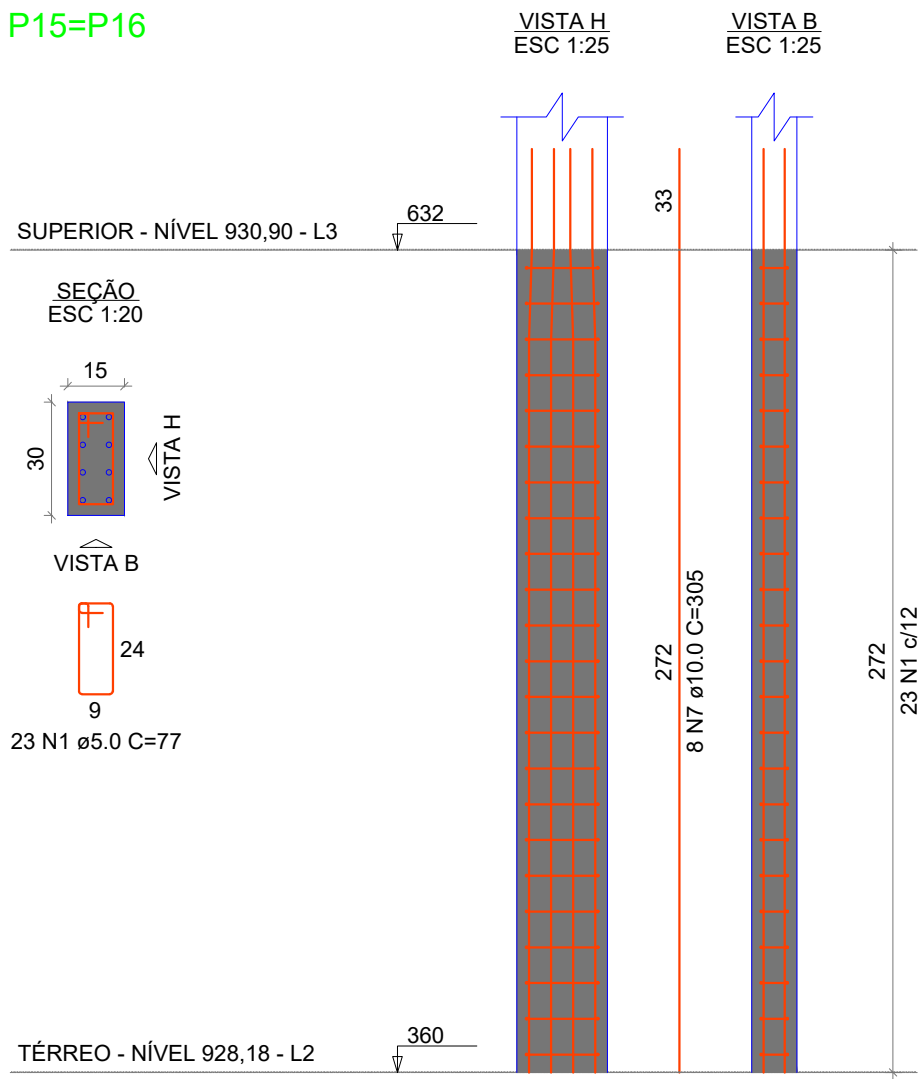
P1=P5=P8=P12=P13=P14=P20=
=P24=P25=P26=P27=P32=P33=
=P34=P35=P39=P42=P43=P48=
=P49=P50=P52=P55=P56=P61=
=P63=P69=P72



RELAÇÃO DO AÇO				
28xP1	P2	4xP3		
2xP4	11xP7	2xP15		
5xP17	P21	P22		
1P30	P45	4xP53		
3xP68				
AÇO	N	DIAM (mm)	QUANT	C.TOTAL (cm)
CA60	1	5.0	1355	77
	2	5.0	161	24
	3	5.0	38	24
	4	5.0	19	24
	5	5.0	69	67
CA50	6	10.0	168	269
	7	10.0	50	305
	8	10.0	16	300
	9	12.5	58	269
	10	12.5	6	314
	11	16.0	6	269
				1614

RESUMO DO AÇO			
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	10.0	652.4	442.5
	12.5	174.9	185.3
CA60	5.0	1141.9	28
			193.6
PESO TOTAL (kg)			
CA50	655.8		
CA60	193.6		

Volume de concreto (C-30) = 7.83 m³
Área de forma = 156.97 m²



AMURES		ASSOCIAÇÃO DE MUNICÍPIOS DA REGIÃO SERRANA	
PREFEITURA MUNICIPAL DE URUBICI - SC		13/17	
ASSESSORIA TÉCNICA		OBRA :	
PROJETO: Matheus Lorenzetti Casagrande Eng. Civil - CREA 169793-1		AMPLIAÇÃO DA ESCOLA NUCLEADA ÁGUAS BRANCAS Projeto Estrutural Detalhamento dos Pilares do Pav. Superior - Nível 632,00	
PREFEITO: LEANDRO DE SOUZA CORREIA		Área Total: 523,21 m² Localização: Localidade de Águas Brancas ; Bairro: Centro ; CEP:88650-000 ; s/nº	
DESENHO: Matheus Lorenzetti Casagrande		Escala: Indicada	DATA: 10/2025