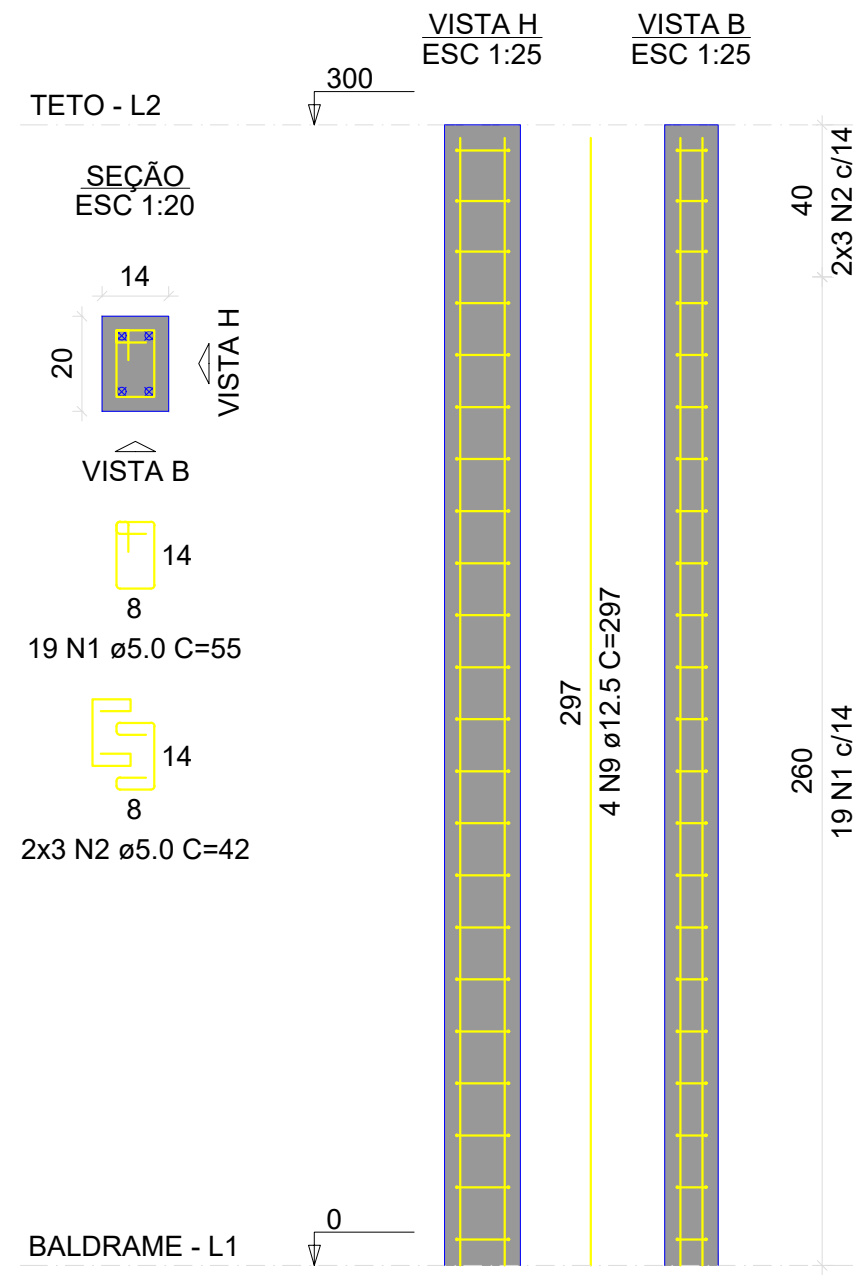
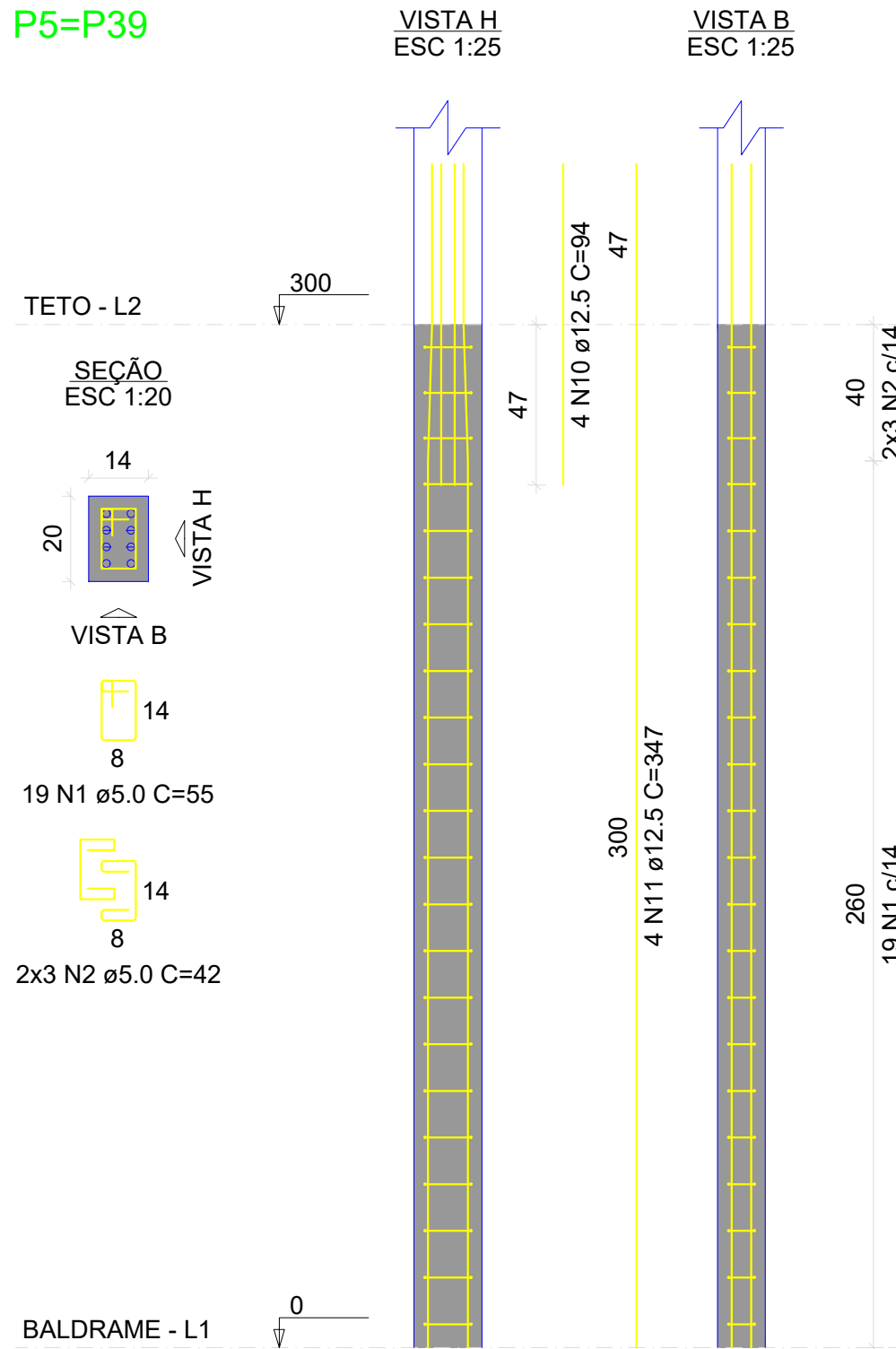


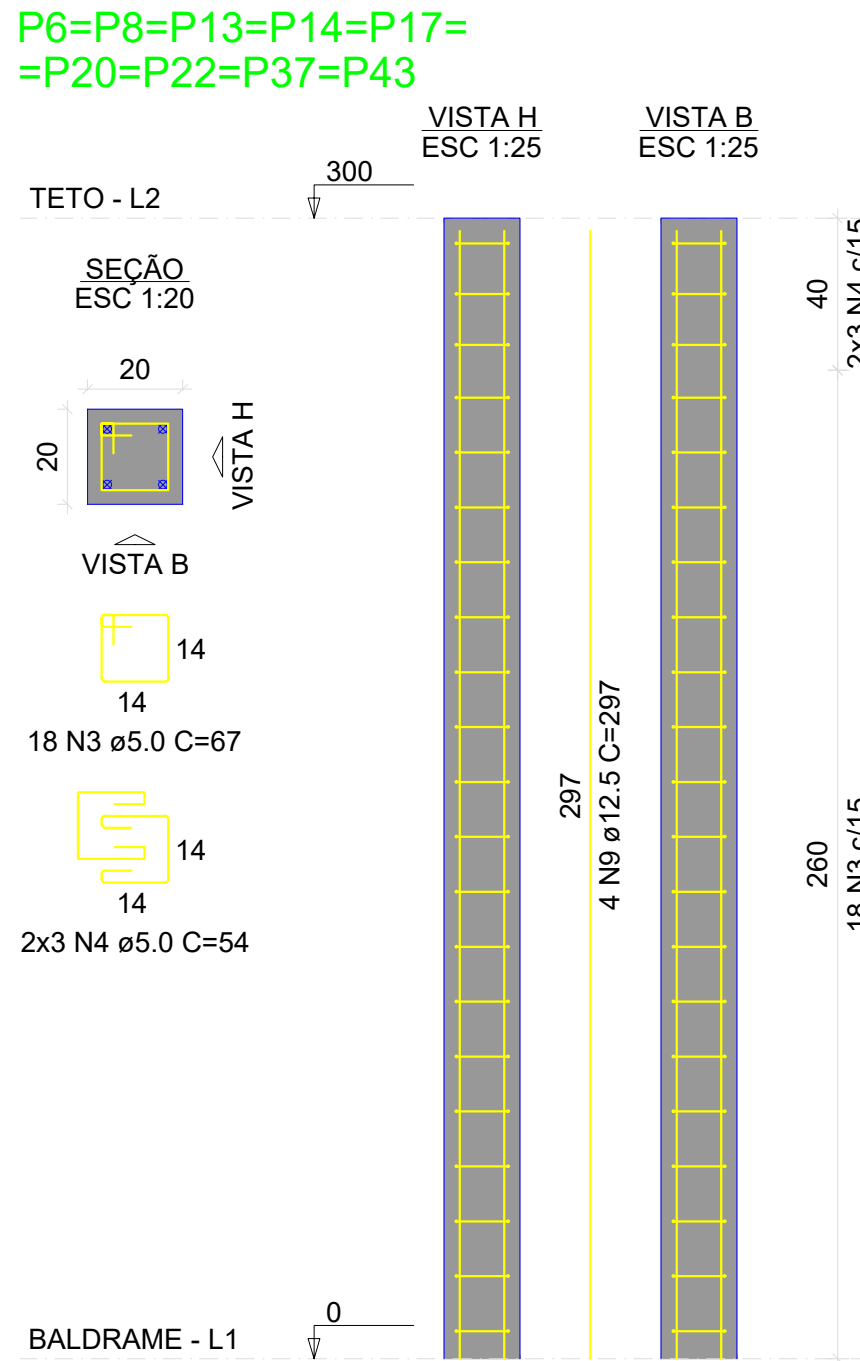
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=P10=P11=P12=P18=P19=
=P23=P24=P25=P26=P29=
=P33=P34=P35=P36=P38=
=P40=P42=P44



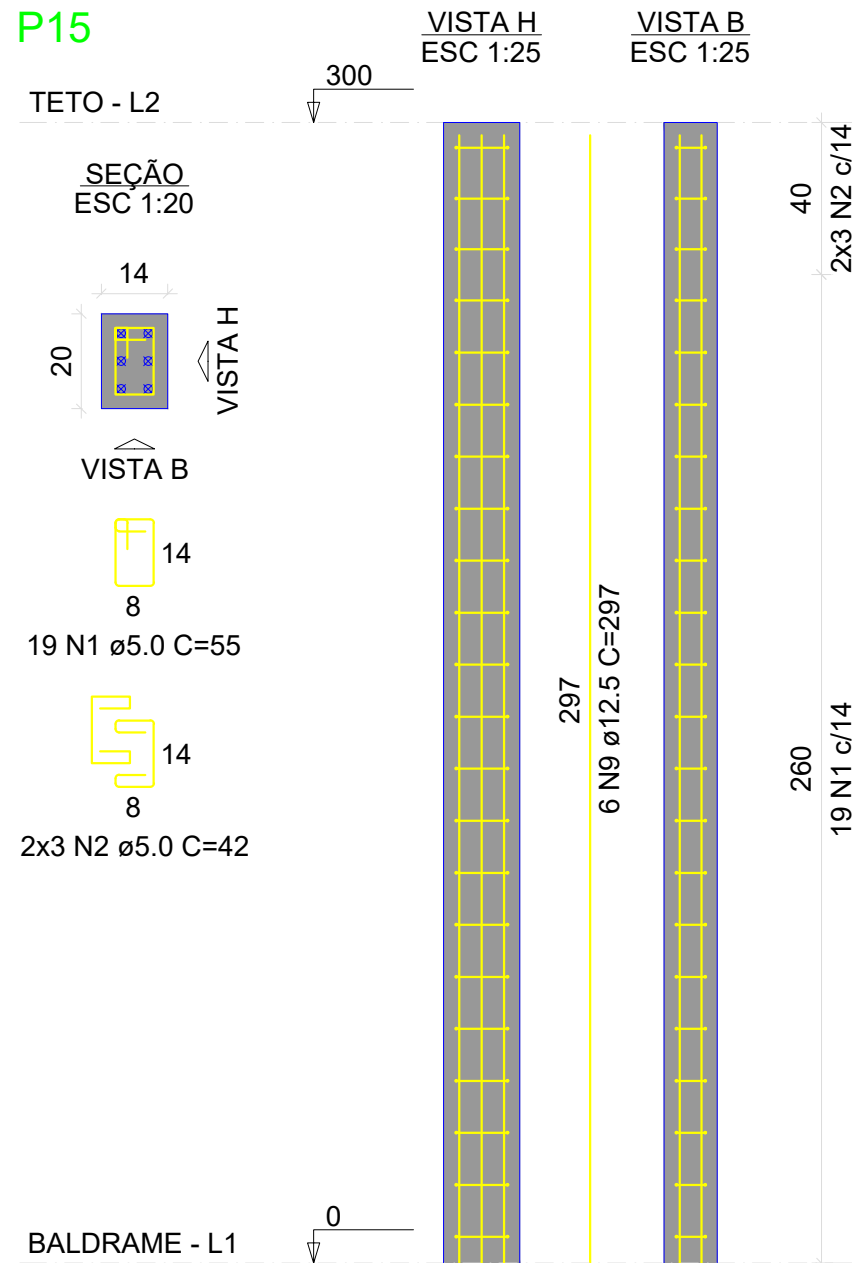
P5=P39



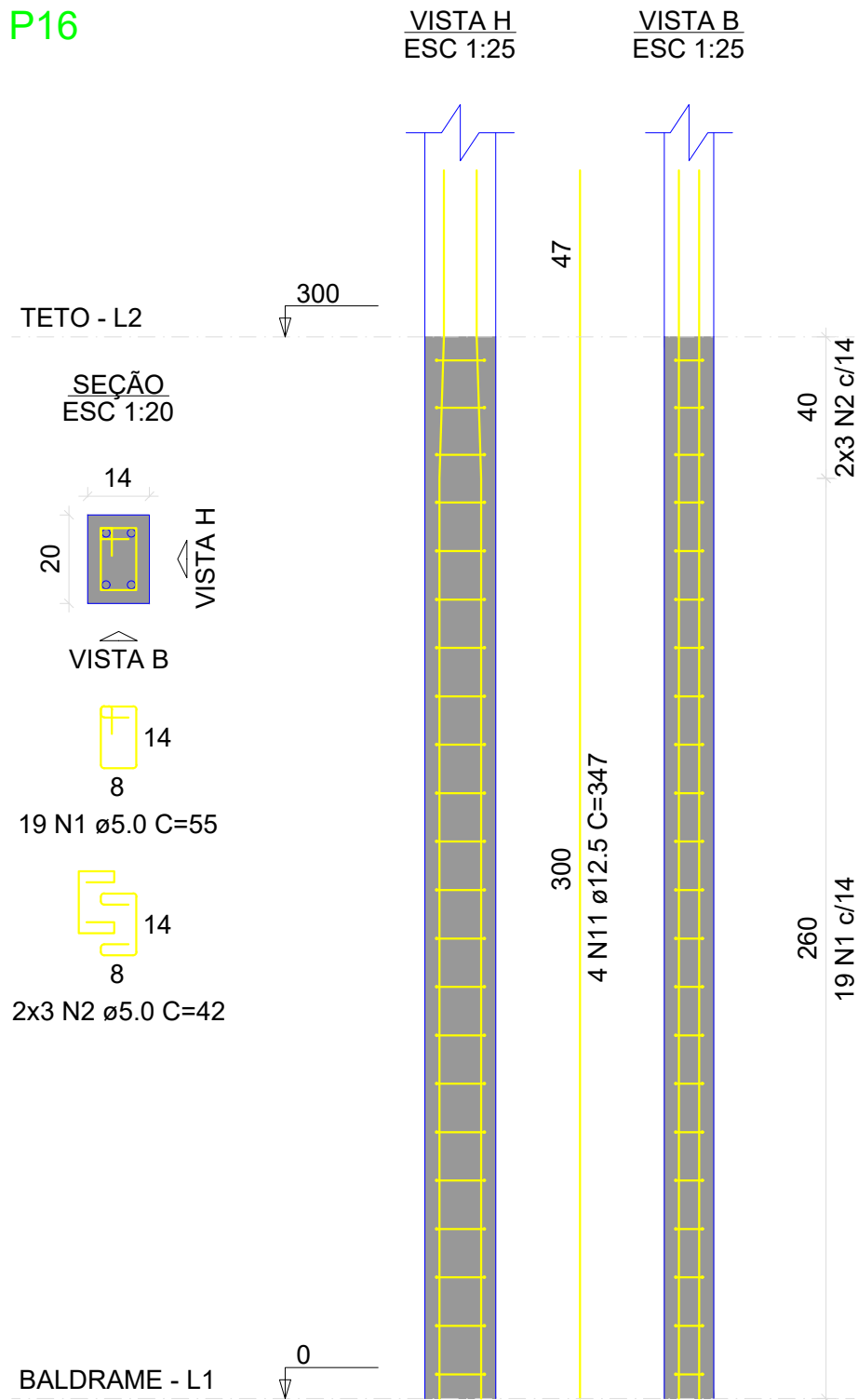
P6=P8=P13=P14=P17=
=P20=P22=P37=P43



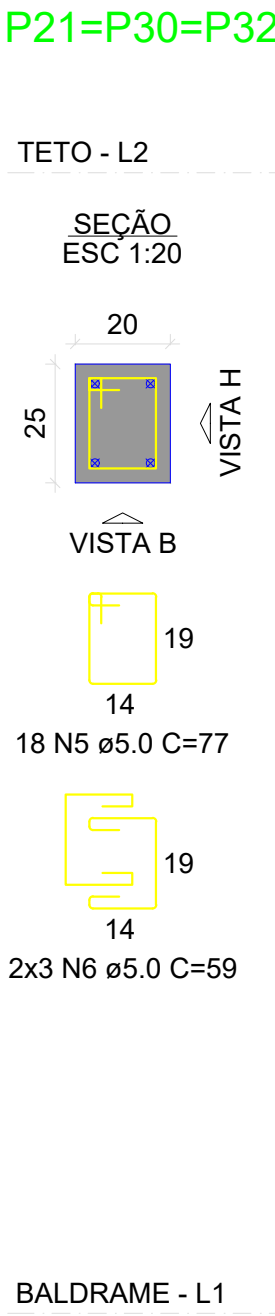
P15



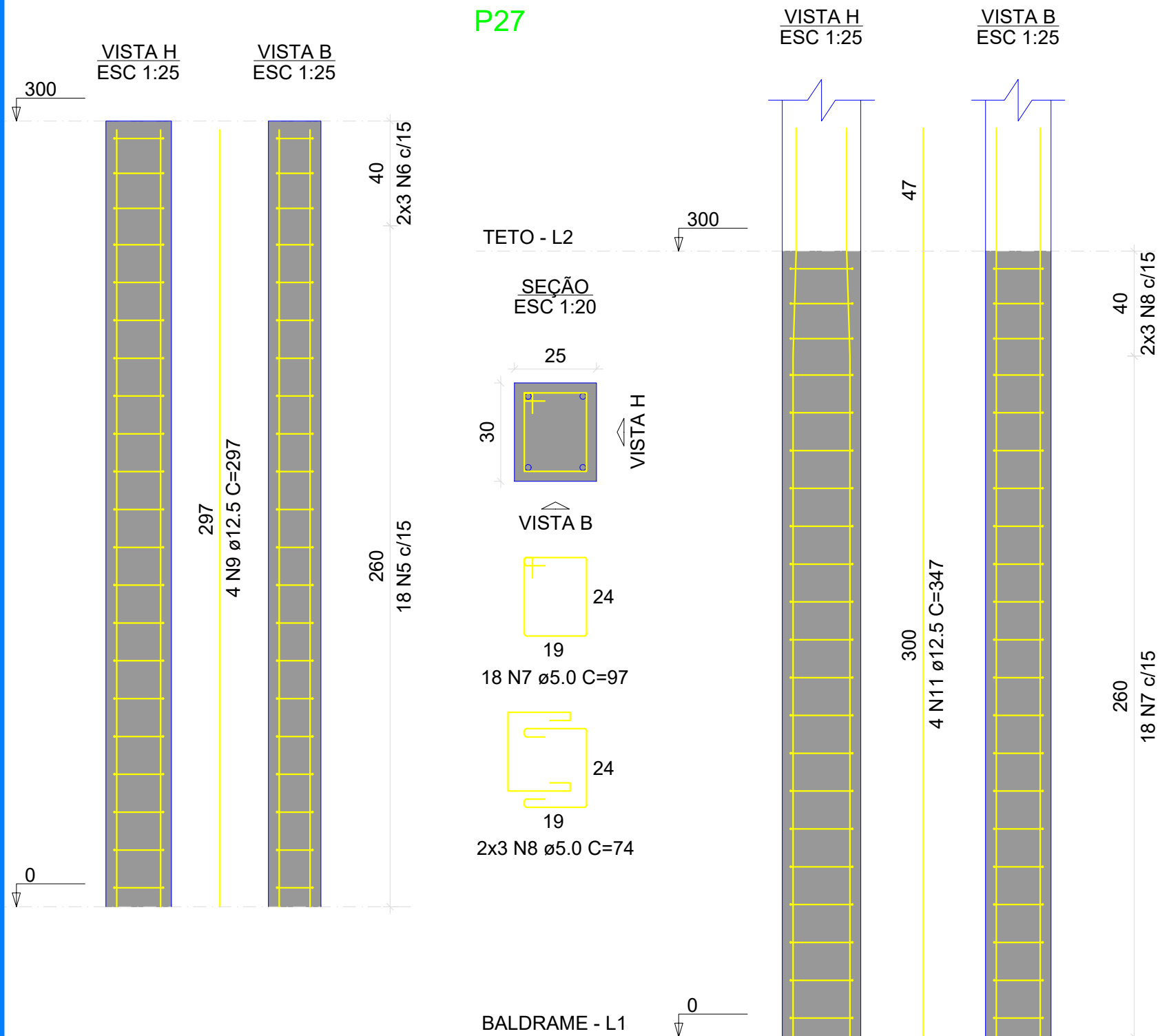
P16



P21=P30=P32



P27



RELAÇÃO DO AÇO

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	36	55	1980
	2	5.0	12	42	504
	3	5.0	11	97	1067
	4	5.0	4	74	296
CA50	5	12.5	24	177	4248

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	12.5	42.5	45
CA60	5.0	38.5	6.5
PESO TOTAL (kg)			
CA50	45		
CA60	6.5		

Volume de concreto (C-25) = 0.29 m³
Área de forma = 5.65 m²

RELAÇÃO DO AÇO

24xP1
P15
P27

2xP5
P16

9xP6
3xP21

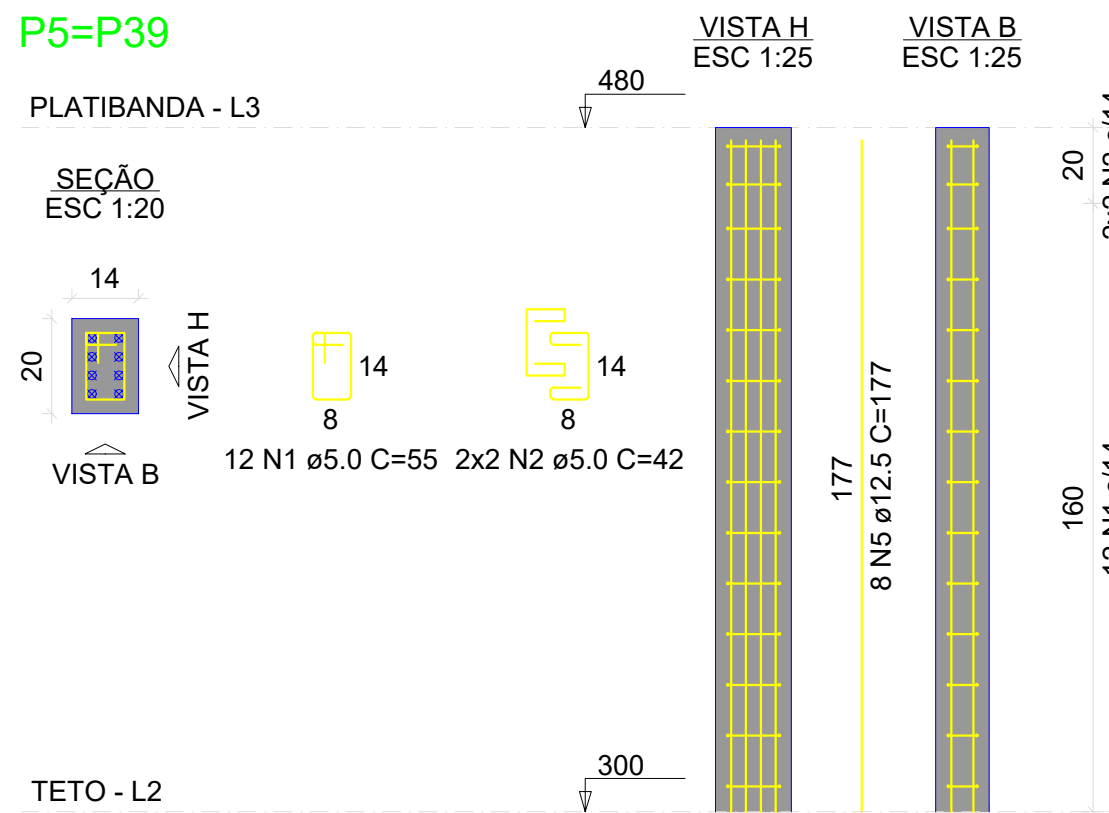
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	532	55	29260
	2	5.0	168	42	7056
	3	5.0	162	67	10854
	4	5.0	54	54	2916
	5	5.0	54	77	4158
	6	5.0	18	59	1062
CA50	7	5.0	18	97	1746
	8	5.0	6	74	444
	9	12.5	150	297	44550
	10	12.5	8	94	752
	11	12.5	16	347	5552

RESUMO DO AÇO

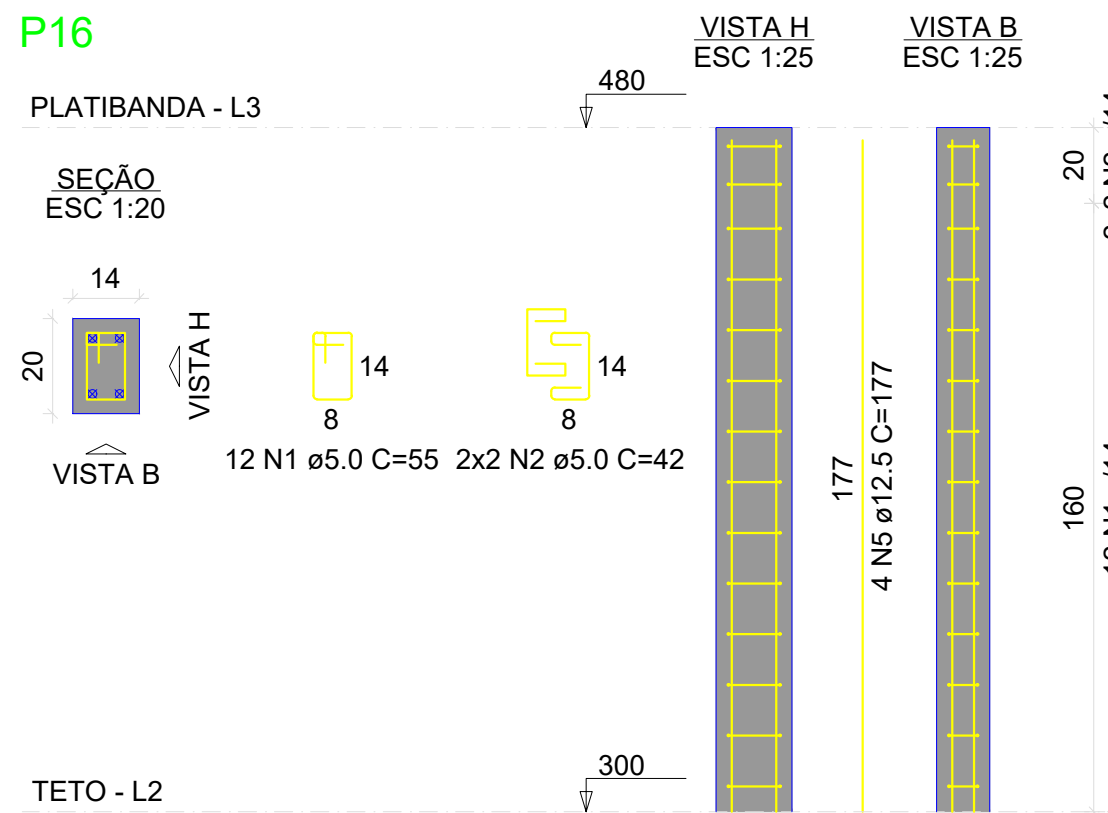
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	12.5	508.5	538.9
CA60	5.0	575	97.5
PESO TOTAL (kg)			
CA50	538.9		
CA60	97.5		

Volume de concreto (C-25) = 4.11 m³
Área de forma = 90.12 m²

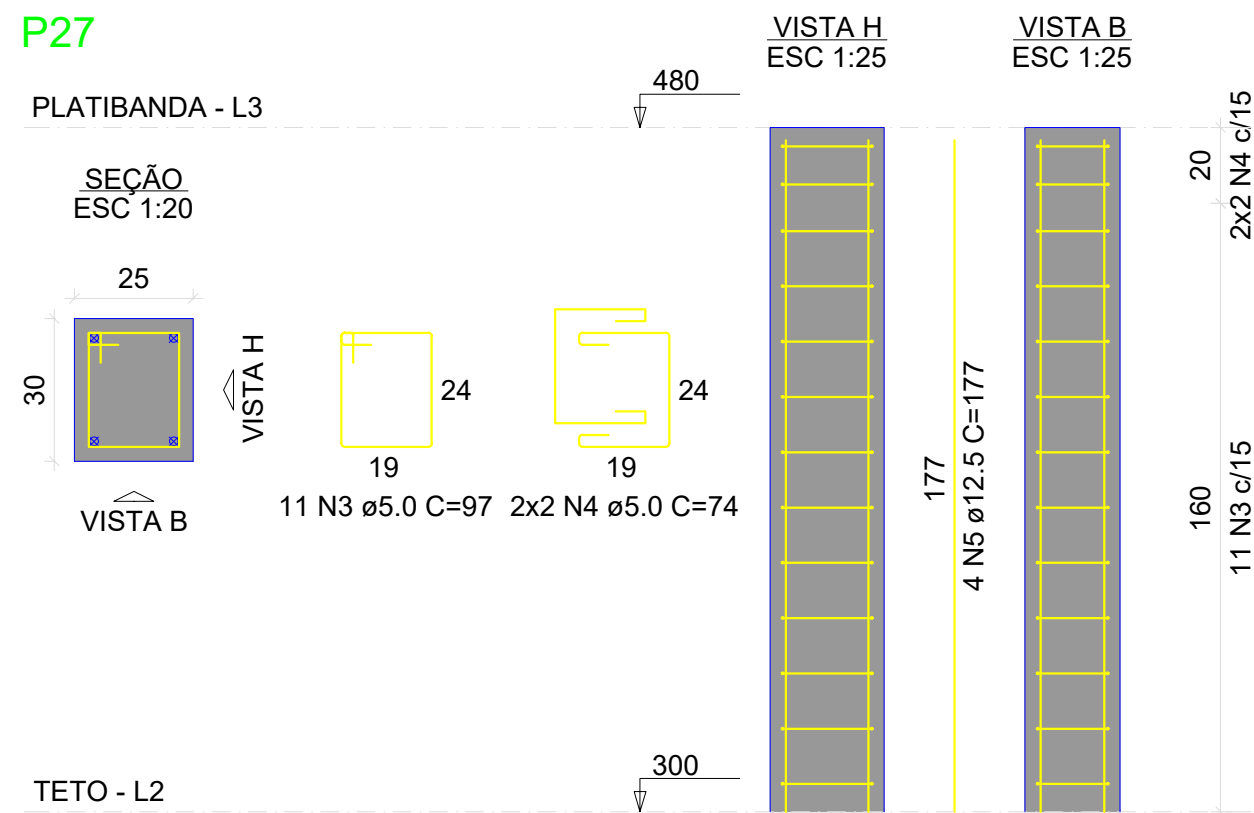
P5=P39



P16



P27



PROJETO:	DETALHAMENTO PILARES	Prefeitura Municipal de Curitiba
LOCAL DA OBRA:	SECRETARIA DE OBRAS	
TÍTULO:	PROJETO ESTRUTURAL	
SECRETARIA DE PLANEJAMENTO E URBANISMO		
Secretária Arq. ANAJARA MELLO		
Dpto. Téc. de Eng. e Arq.		
Arquiteta	DAIANA PENTEADO	Eng. Civil
Arquiteto	FELIPE SCARAMUZZA	Eng. Civil
Arquiteto	WALESKA C. MACHADO	Eng. Civil
VALTER G. DOS SANTOS		
SILBERTO PROVESI		
FELIPE ANDRADE		
ENDEREÇO DA OBRA:	R. Benjamin Constant, 395 - Centro, Curitiba - SC	DATA: NOVEMBRO/2023
		PRONCHIA: 11/11