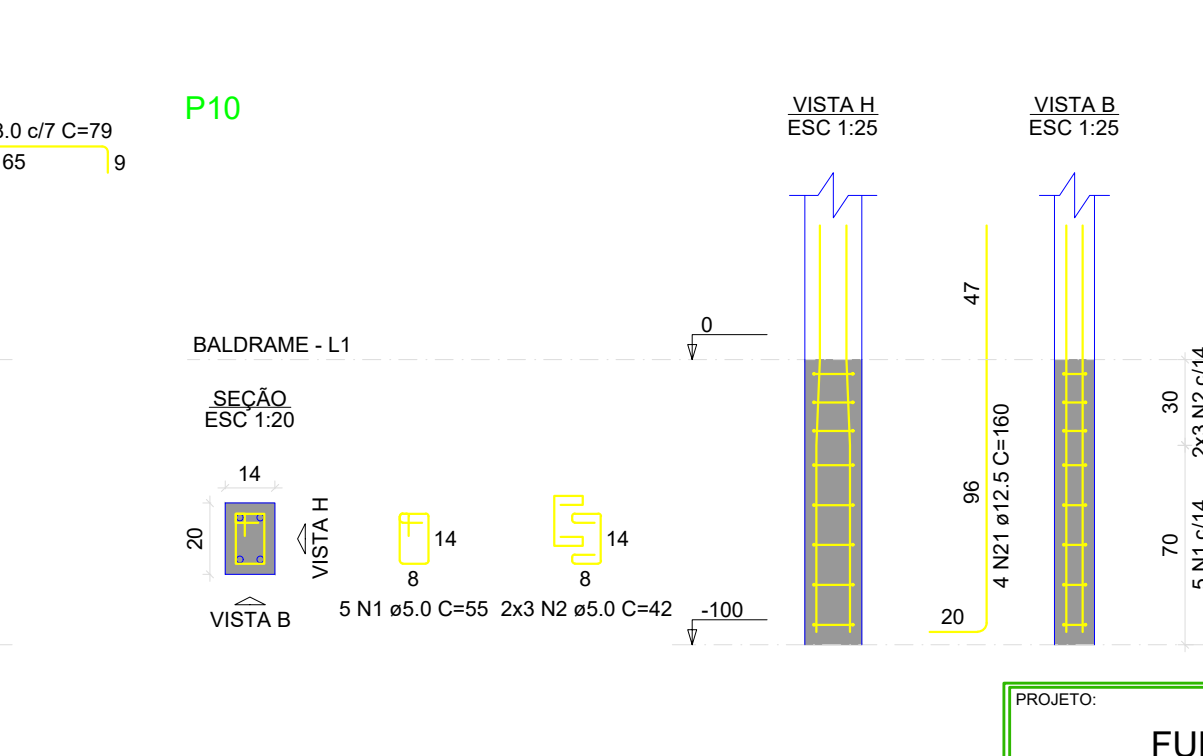
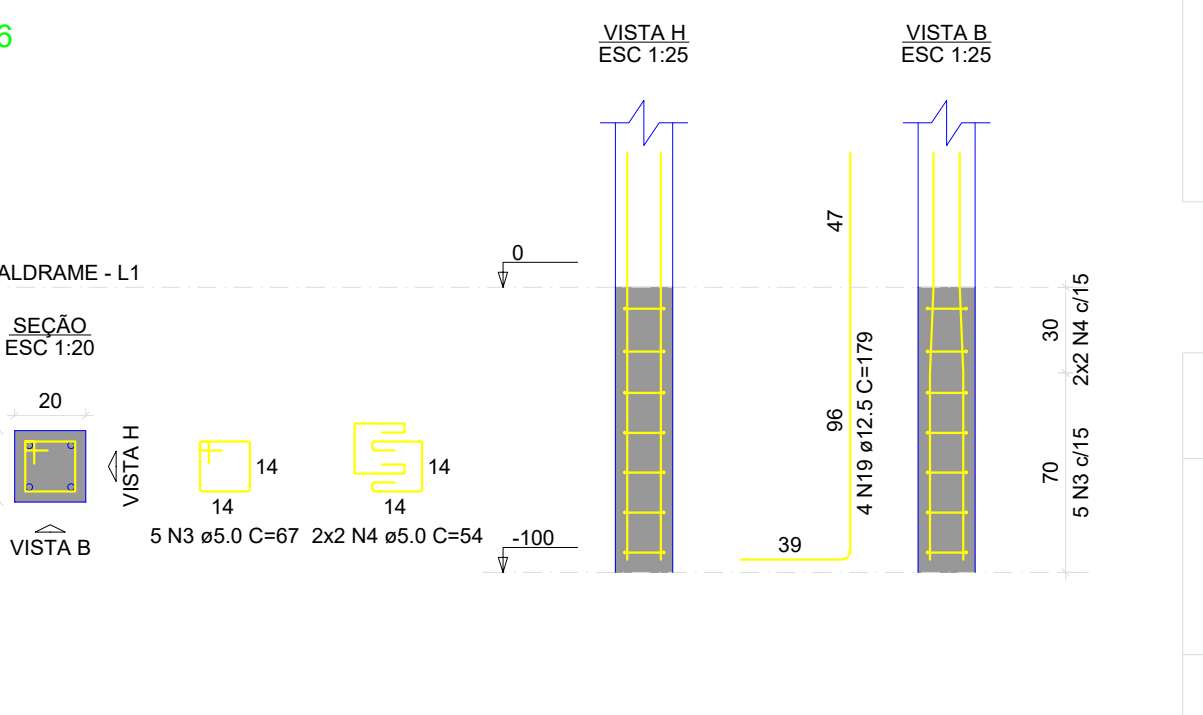
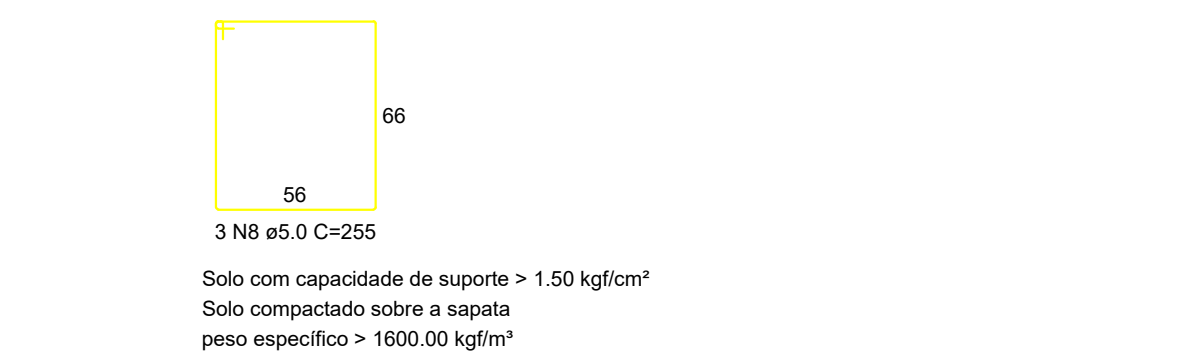
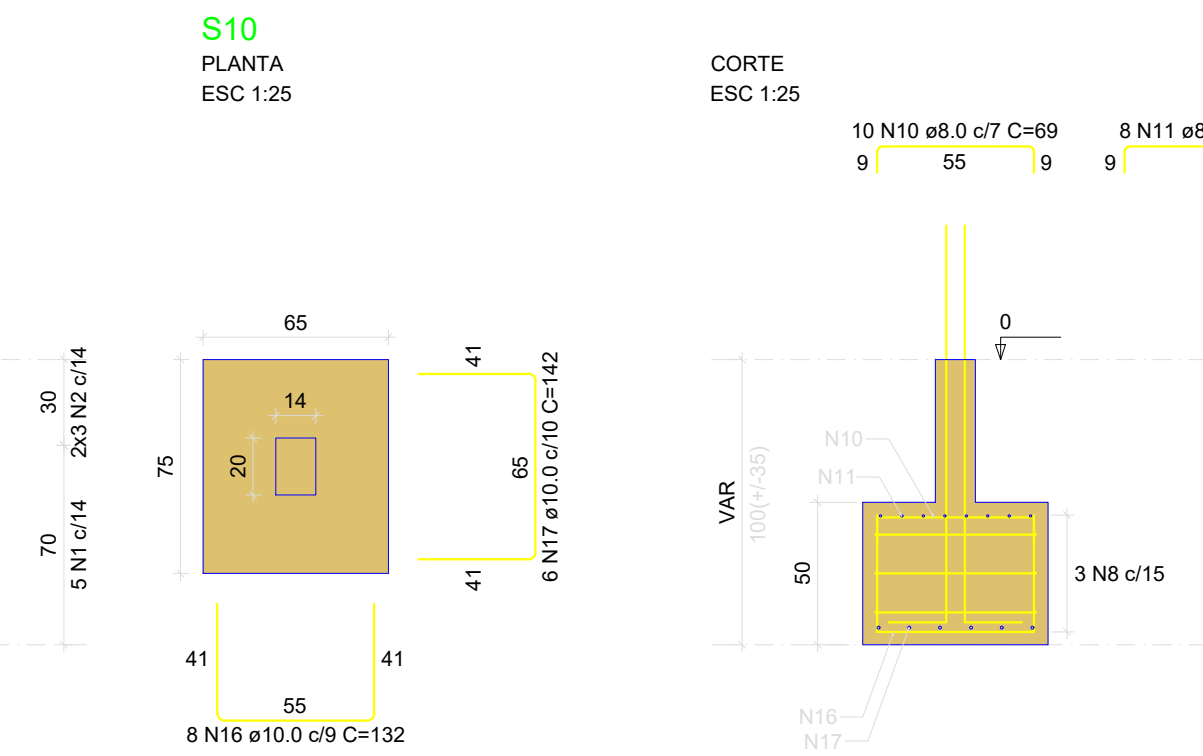
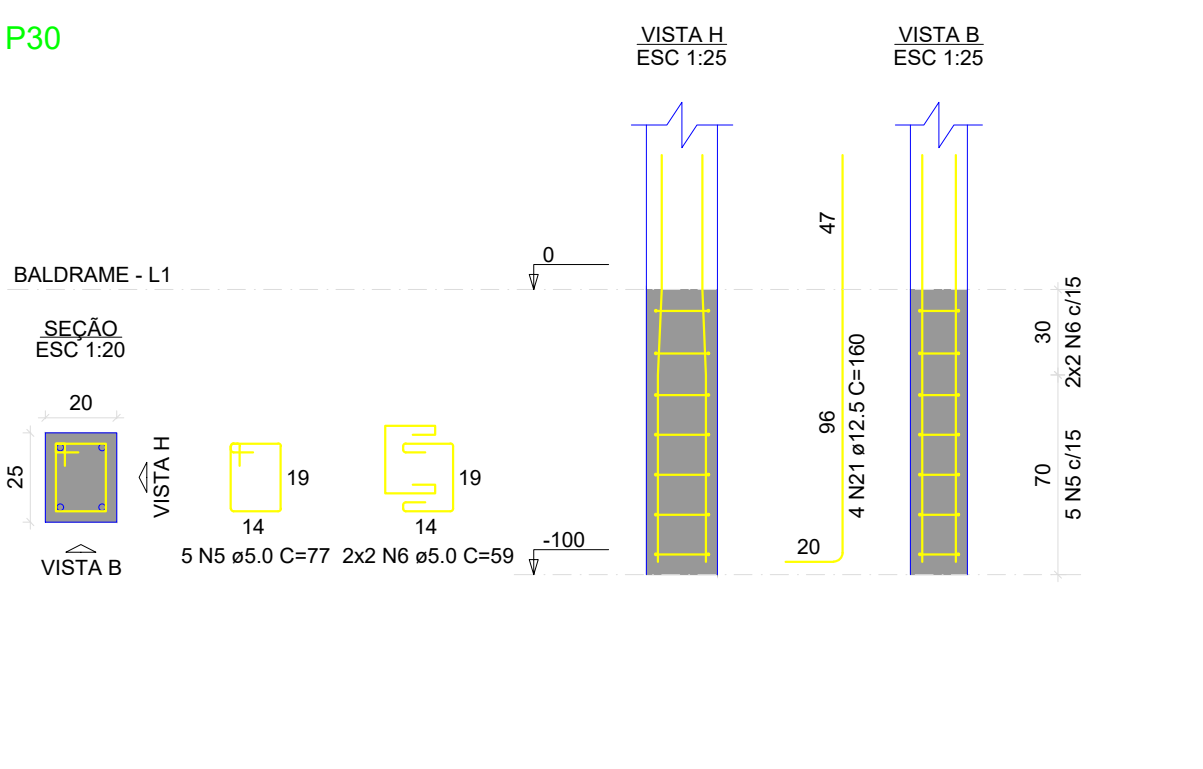
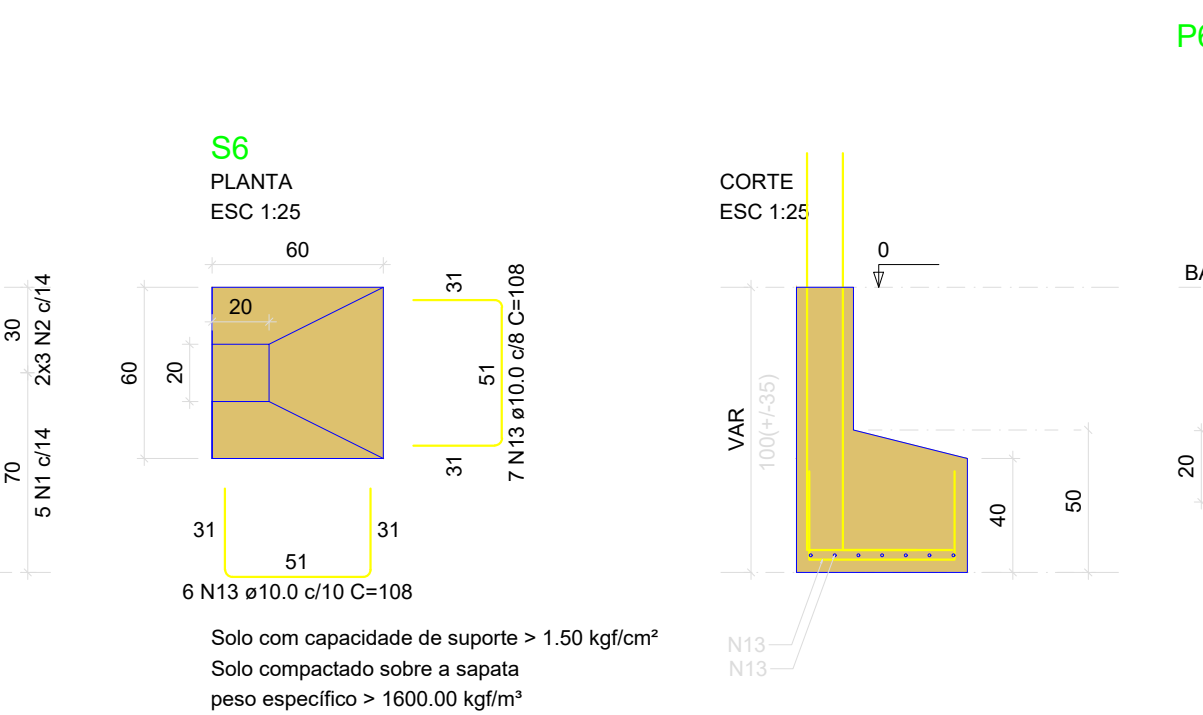
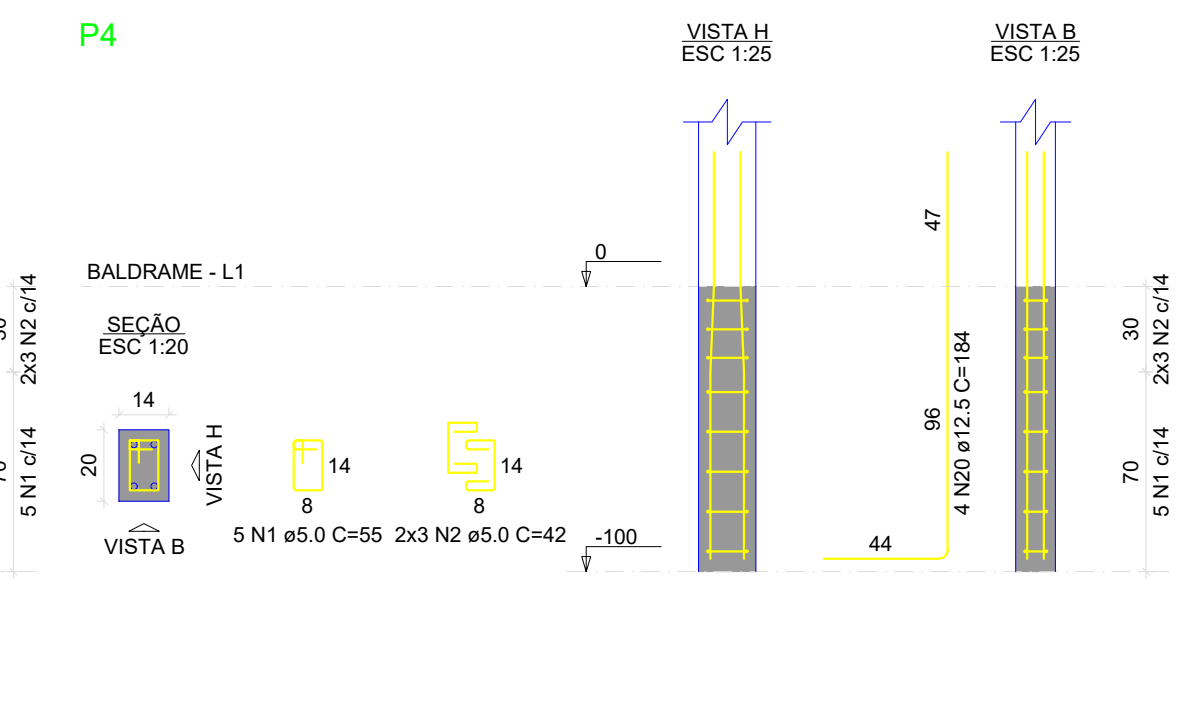
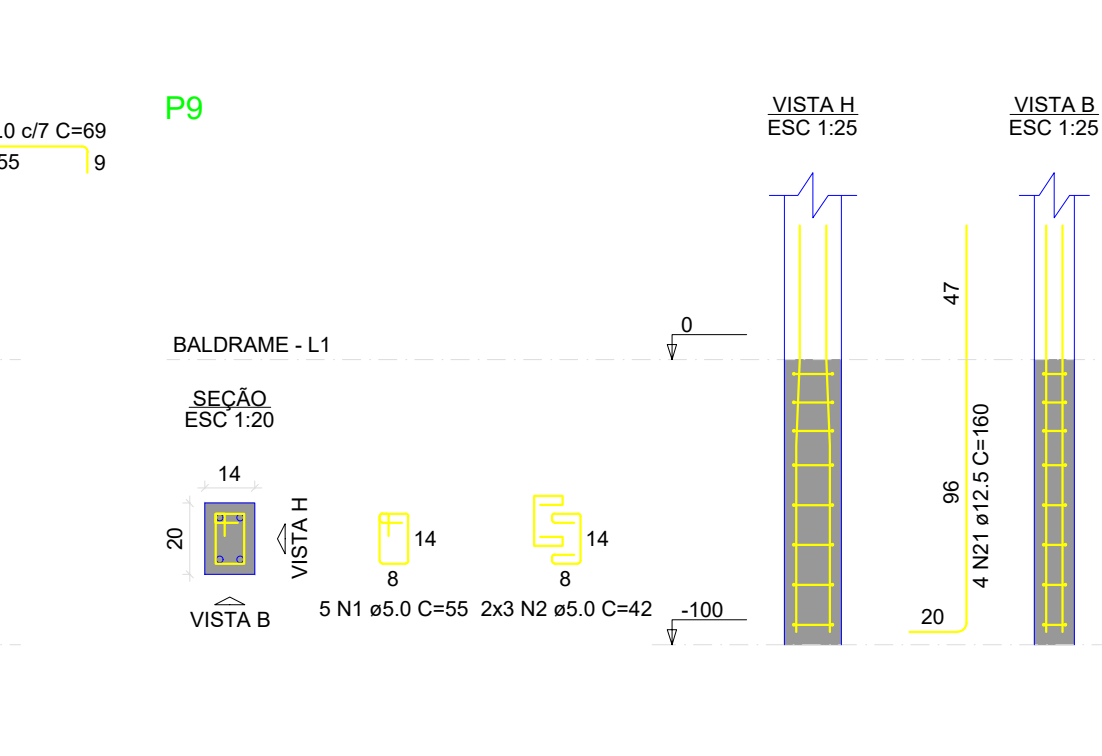
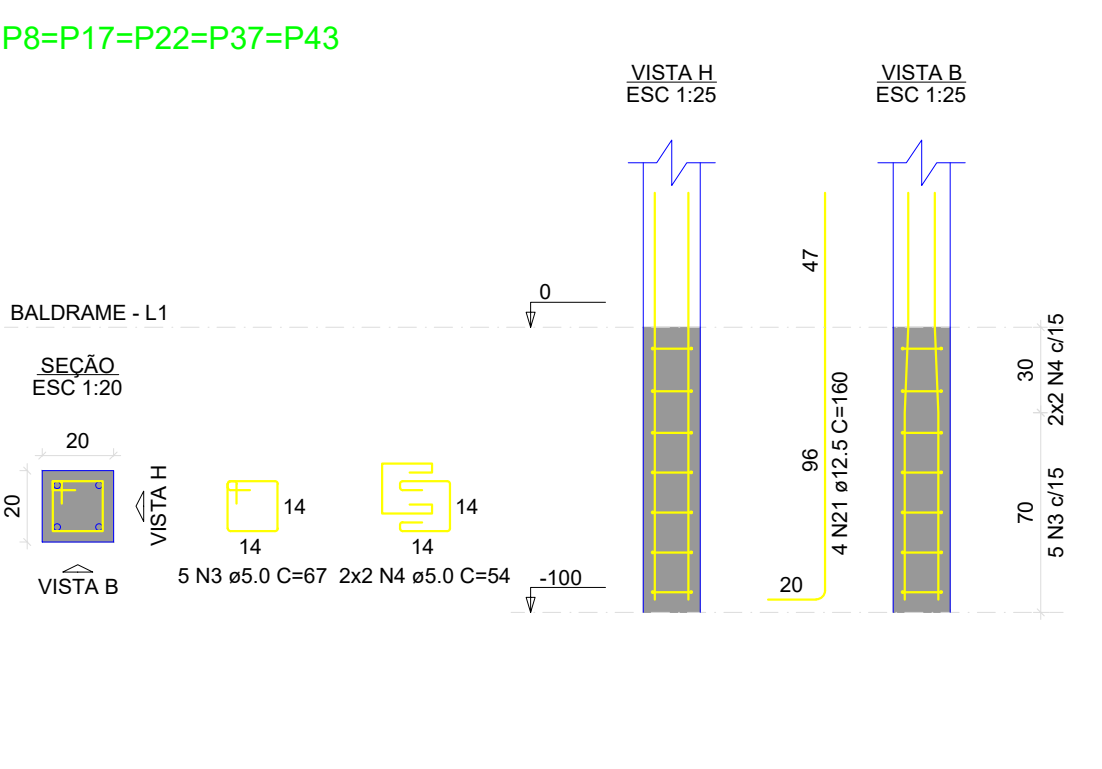
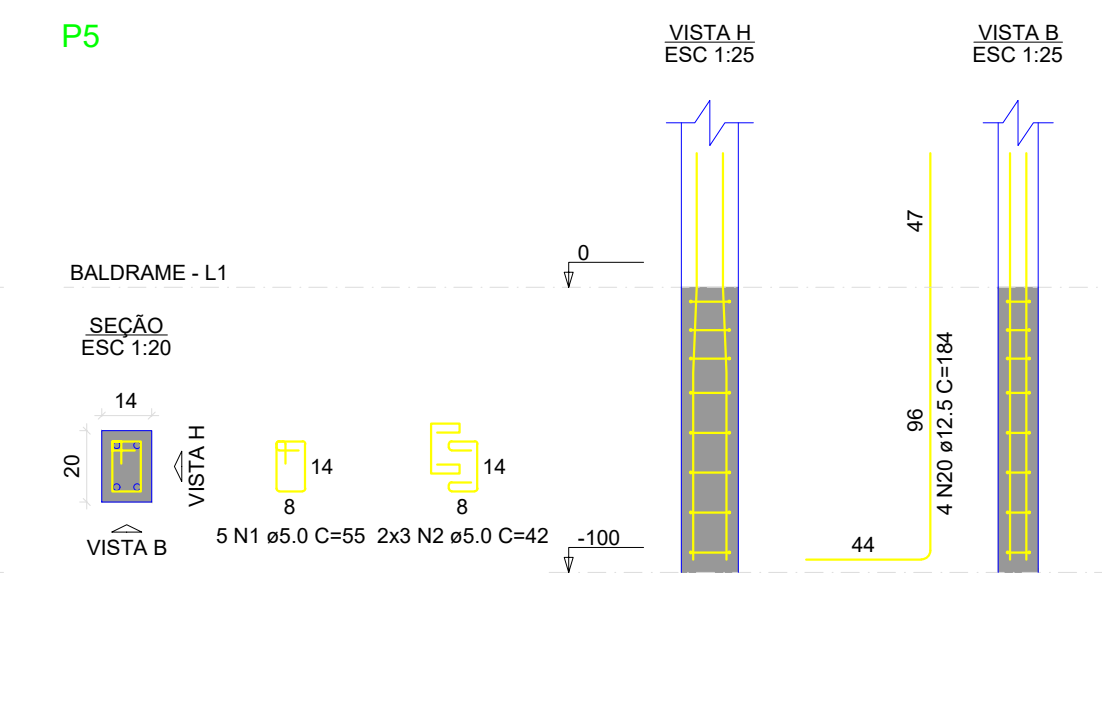
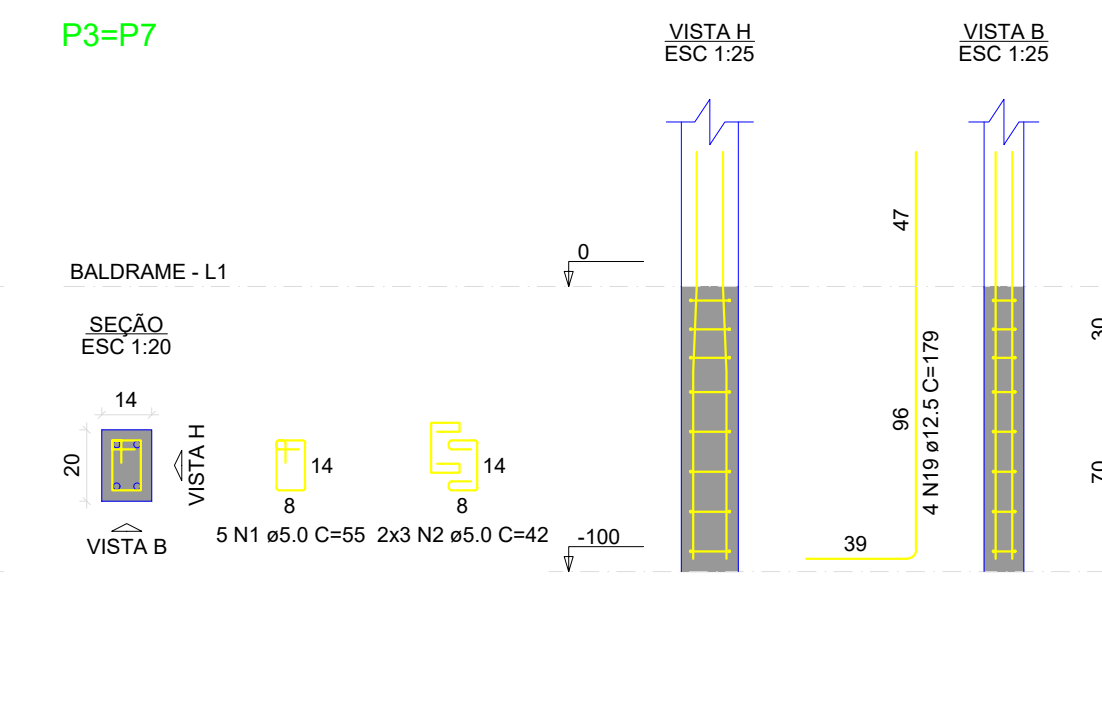
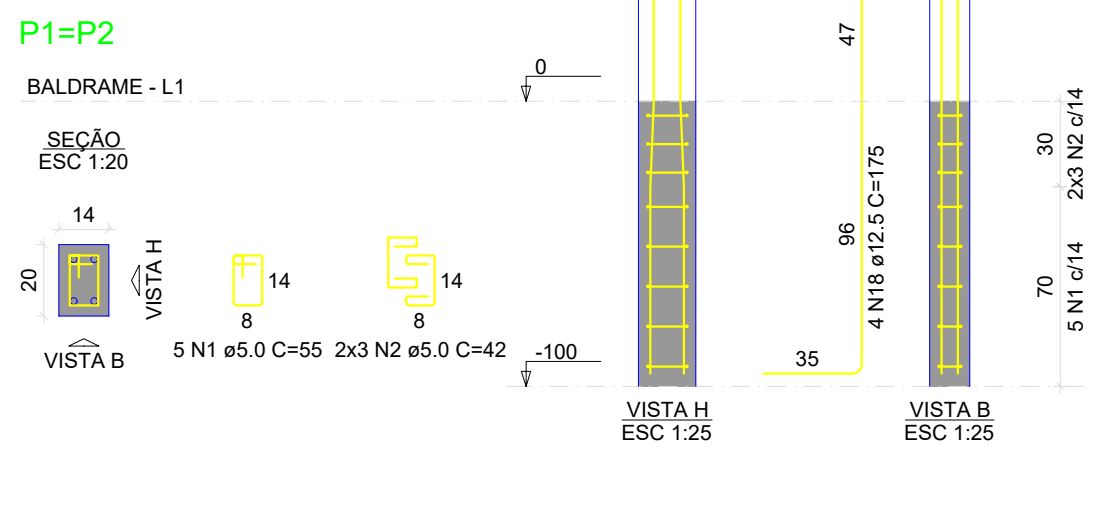
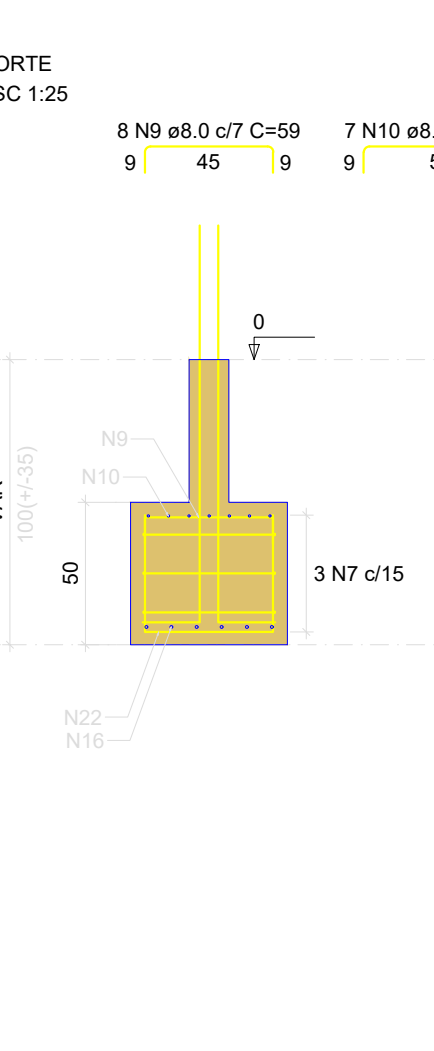
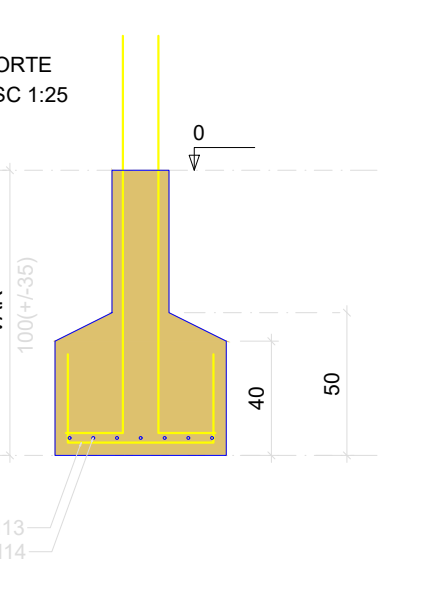
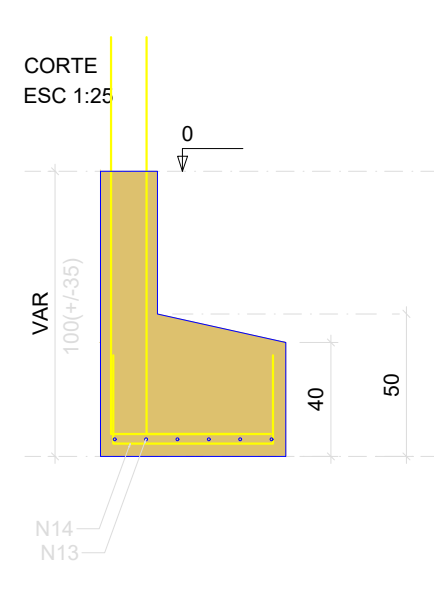
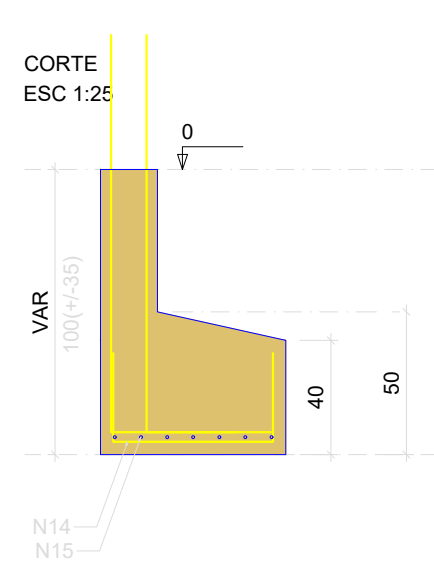
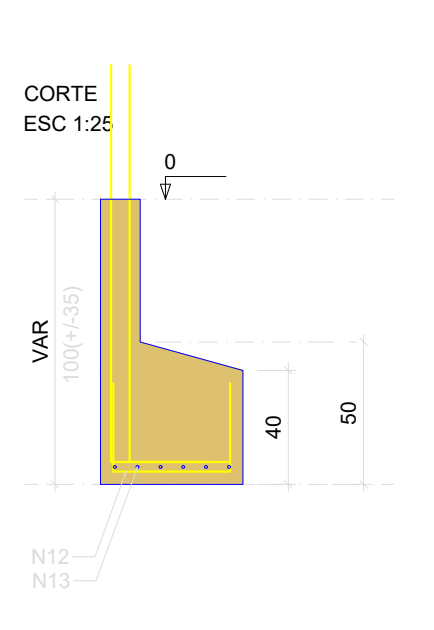
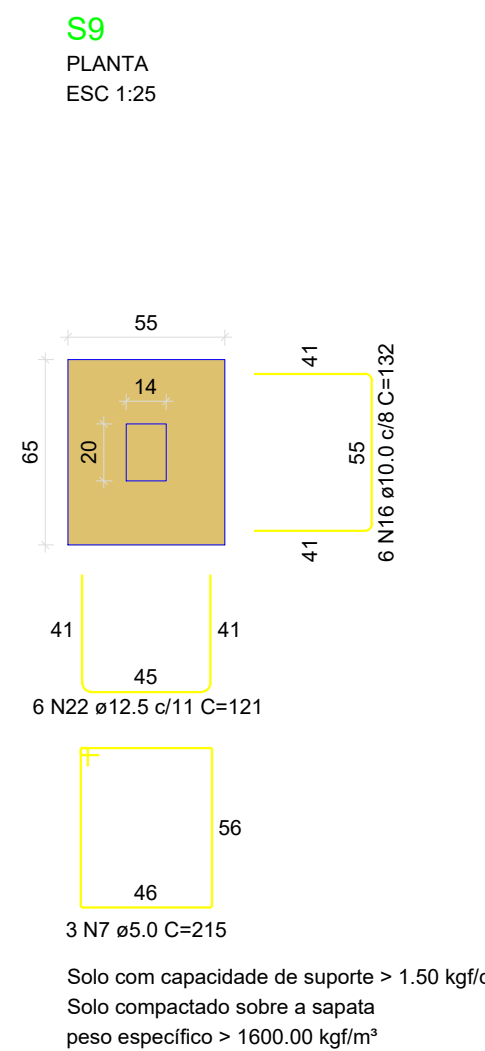
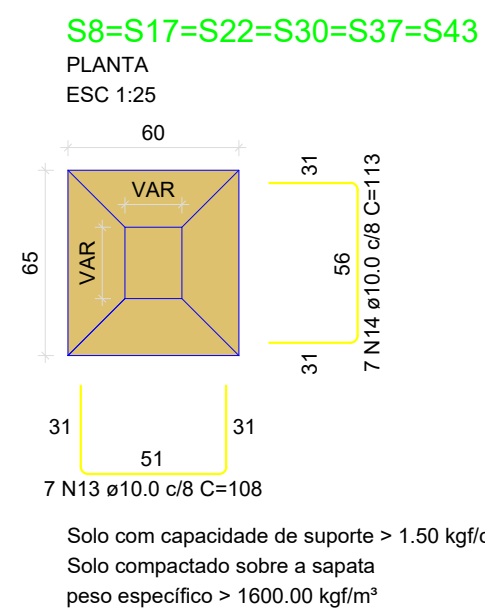
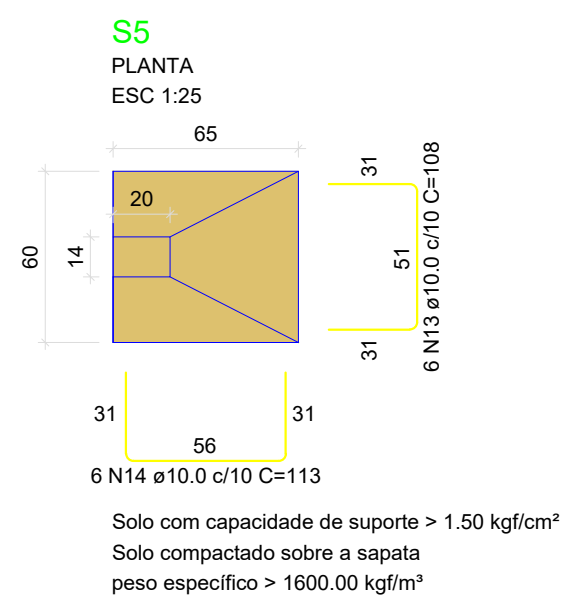
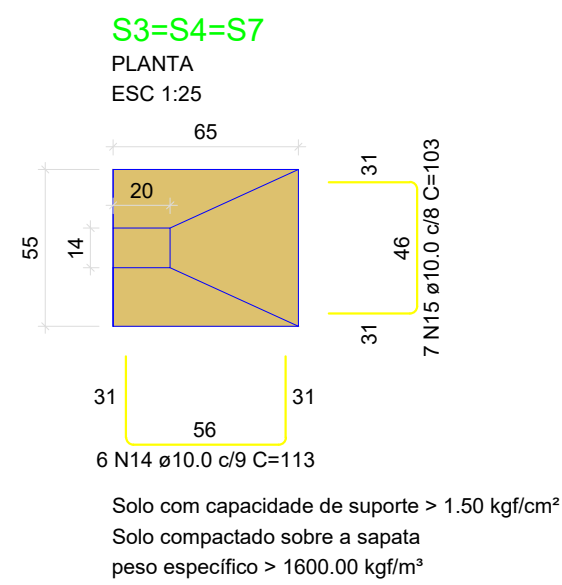
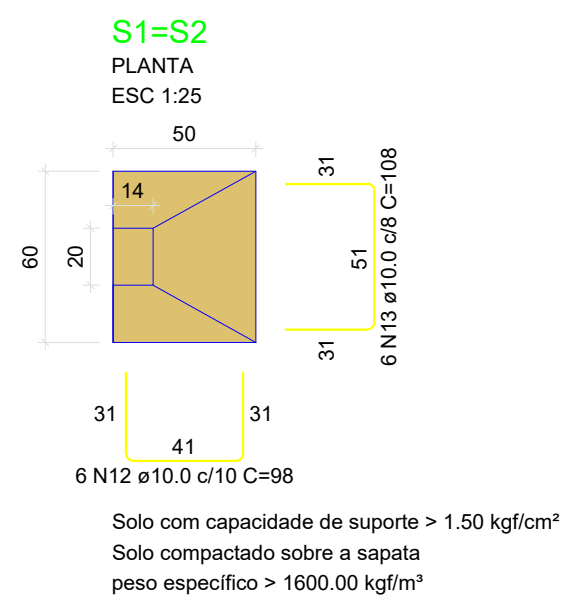




RELAÇÃO DO AÇO

2xP1	2xP3	P4
P5	P6	5xP8
P9	P10	P30
2xS1	3xS4	S5
S6	S9	S10
6xS30		

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	40	55	2200
	2	5.0	48	42	2016
	3	5.0	30	67	2010
	4	5.0	24	54	1296
	5	5.0	5	77	385
	6	5.0	4	59	236
	7	5.0	3	215	645
	8	5.0	3	255	765
	9	8.0	8	59	472
	10	8.0	17	69	1173
CA50	11	8.0	8	79	632
	12	10.0	12	98	1176
	13	10.0	73	108	7884
	14	10.0	66	113	7458
	15	10.0	21	103	2163
	16	10.0	14	132	1848
	17	10.0	6	142	852
	18	12.5	8	175	1400
	19	12.5	12	179	2148
	20	12.5	8	184	1472
	21	12.5	32	160	5120
	22	12.5	6	121	726

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	8.0	22.8	9.9
	10.0	213.8	145
	12.5	108.7	115.1
CA60	5.0	95.5	16.2
PESO TOTAL (kg)			
CA50	270		
CA60	16.2		

Volume de concreto (C-25) = 2.81 m³
Área de forma = 21.18 m²

PROJETO:	FUNDAÇÃO - SAPATAS E ARRANQUE	Prefeitura Municipal de Curitibaanos
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 Arquiteto FELIPE SCARAMUZZA Arquiteta WALESKA C. MACHADO	Eng. Civil VALTER G. DOS SANTOS Eng. Civil SILBERTO PROVESI Eng. Civil FELIPE ANDRADE
ENDEREÇO DA OBRA:	R. Benjamin Constant, 395 - Centro, Curitibaanos - SC	DATA: NOVEMBRO/2023 PRANCHAS: 5/11