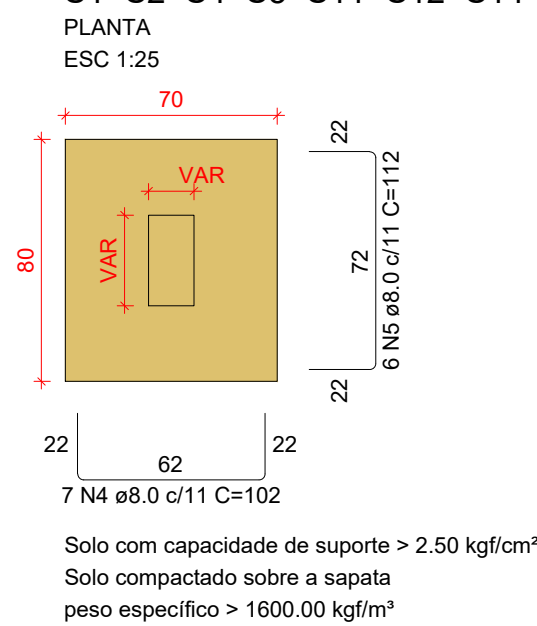
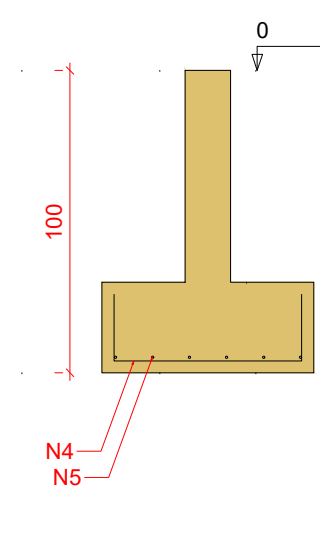


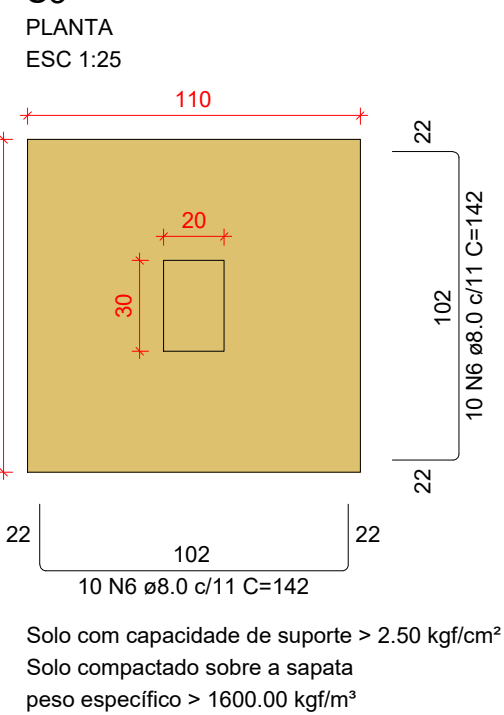
S1=S2=S4=S5=S11=S12=S14=S15=S16=S17



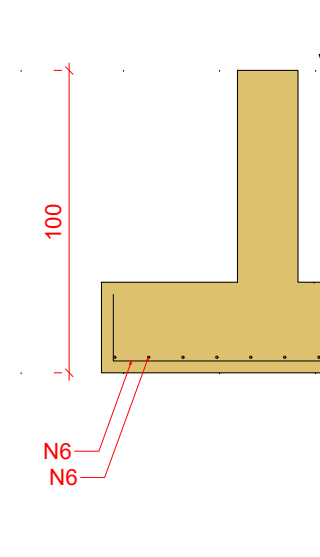
CORTE
ESC 1:25



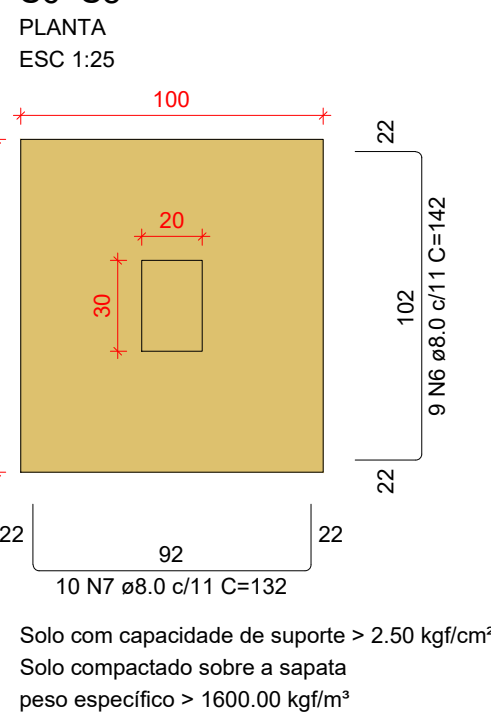
S3



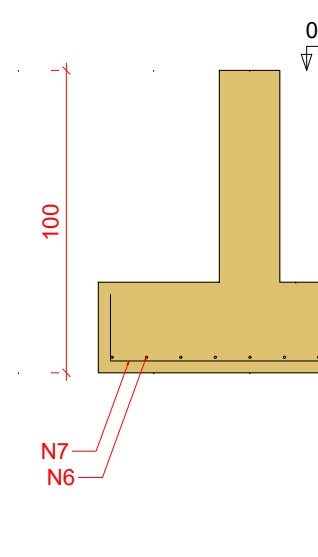
CORTE
ESC 1:25



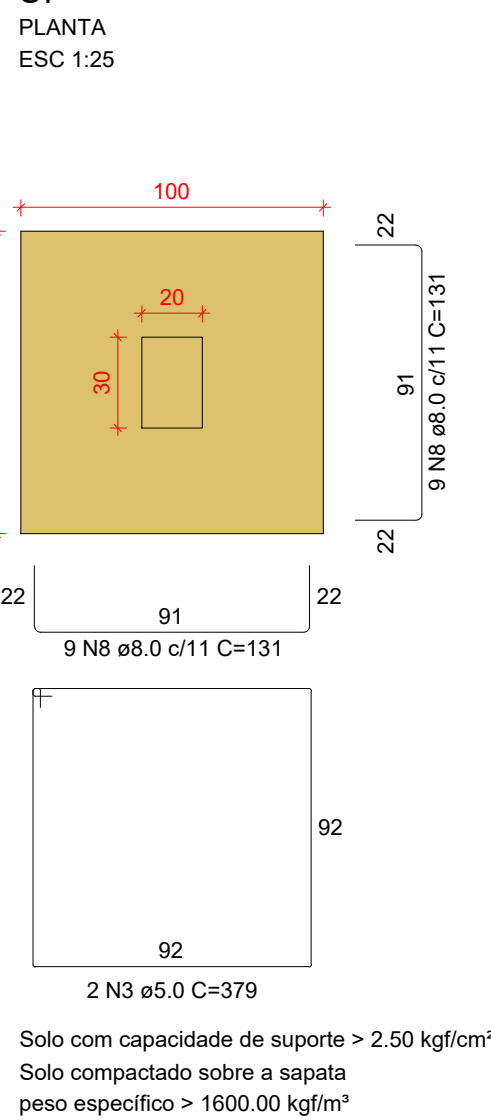
S6=S8



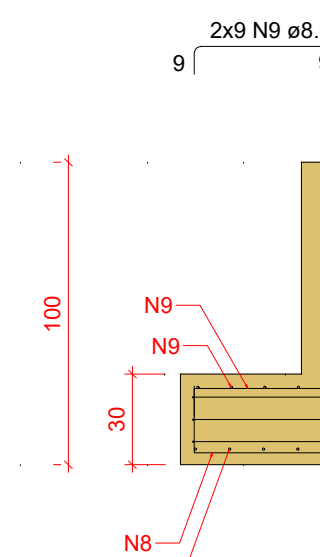
CORTE
ESC 1:25



S7



CORTE
ESC 1:25



RELAÇÃO DO AÇO

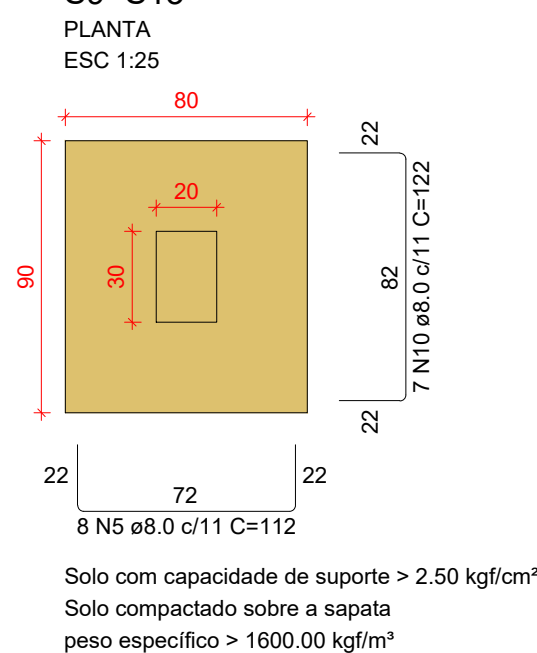
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	339	81	27459
	2	5.0	147	91	13377
CA50	3	5.0	2	379	758
	4	8.0	70	102	7140
	5	8.0	76	112	8512
	6	8.0	38	142	5398
	7	8.0	28	132	3696
	8	8.0	18	131	2358
	9	8.0	18	105	1890
	10	8.0	23	122	2806
	11	8.0	2	171	342
	12	8.0	2	191	382
	13	8.0	2	299	598
	14	8.0	2	341	682
	15	8.0	4	328	1312
	16	8.0	2	353	706
	17	8.0	2	365	730
	18	8.0	4	330	1320
	19	8.0	4	292	1168
	20	8.0	2	282	554
	21	8.0	2	300	600
	22	8.0	2	397	794
	23	8.0	2	415	830
	24	8.0	2	387	774
	25	8.0	2	423	846
	26	8.0	2	395	790
	27	8.0	2	413	826
	28	10.0	16	312	4992
	29	10.0	68	152	10336
	30	10.0	14	75	1050

RESUMO DO AÇO

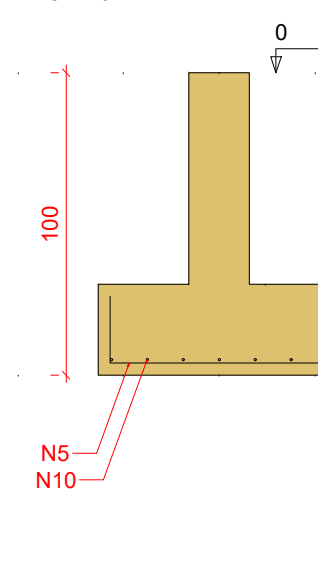
AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 10% (Barra)	UNIT	PESO + 10% (kg)
CA50	8.0	450.6	42	12 m	195.6
CA60	10.0	163.8	16	12 m	111.1
	5.0	415.9	39	12 m	70.5
PESO TOTAL (kg)					
CA50		306.7			
CA60		70.5			

Volume de concreto (C-25) = 6.25 m³
Área de forma = 61.01 m²

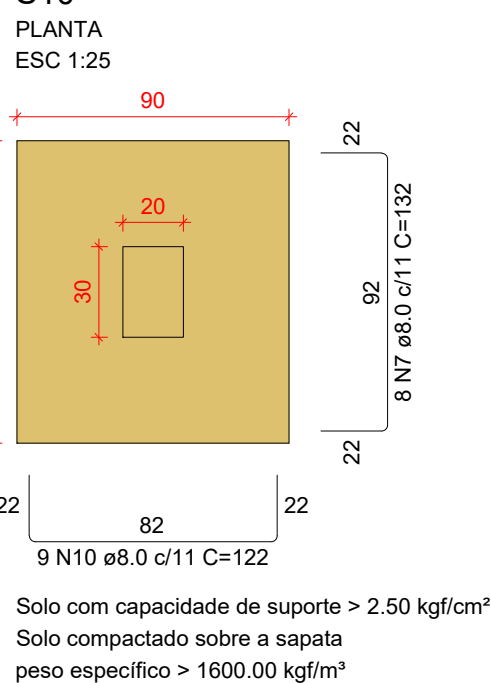
S9=S13



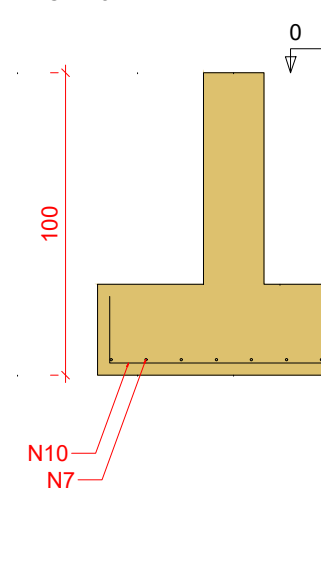
CORTE
ESC 1:25



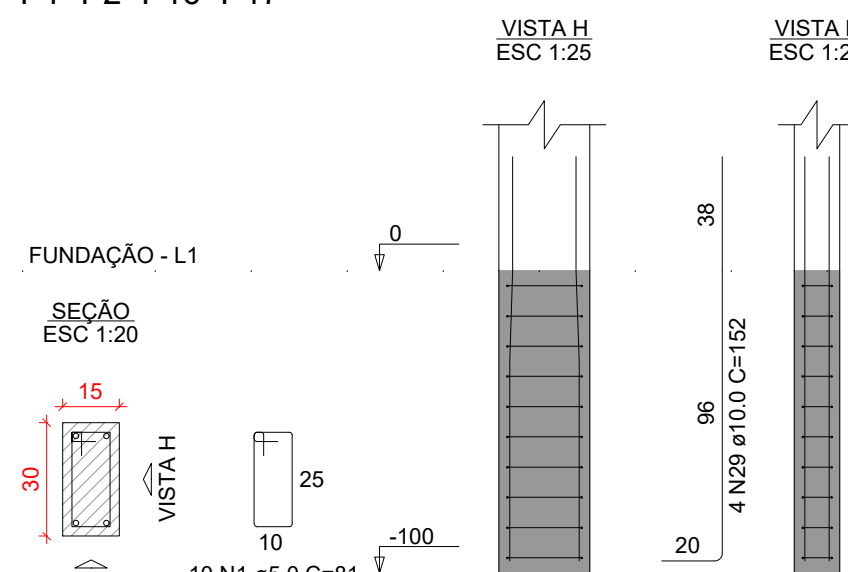
S10



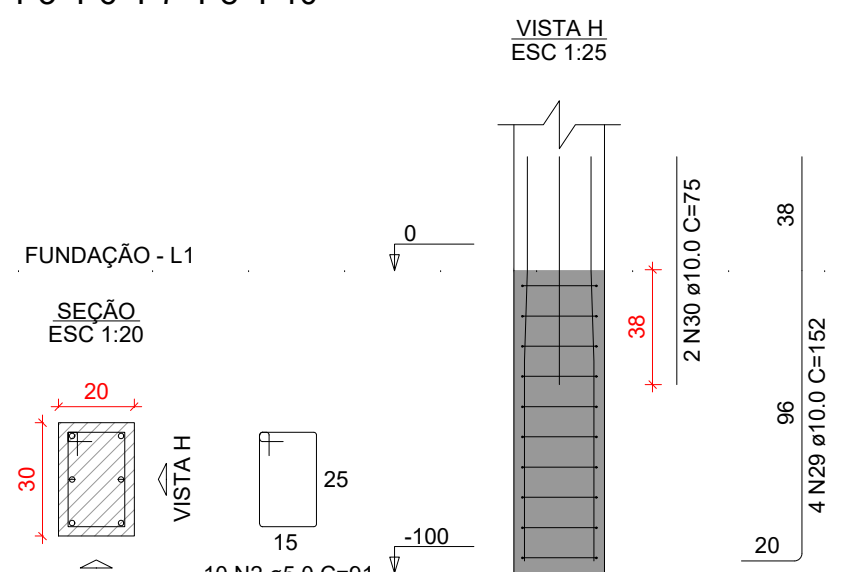
CORTE
ESC 1:25



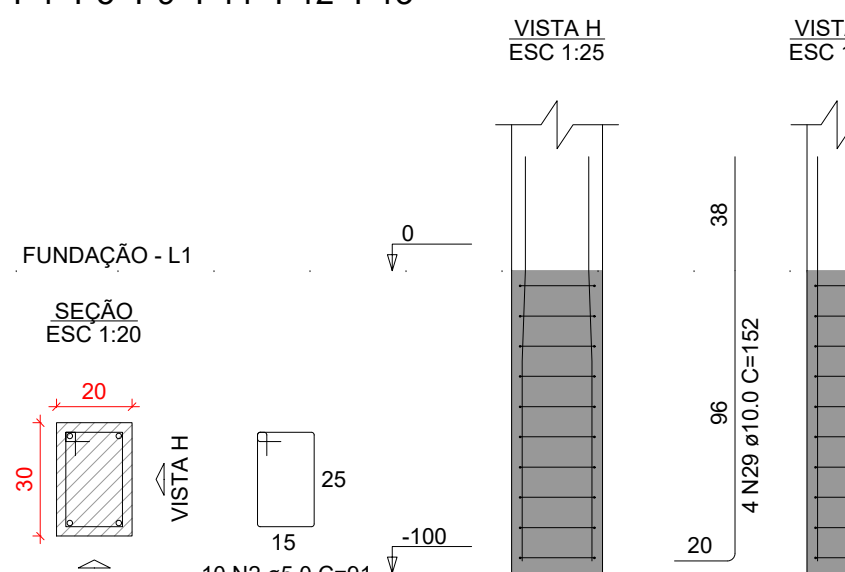
P1=P2=P16=P17



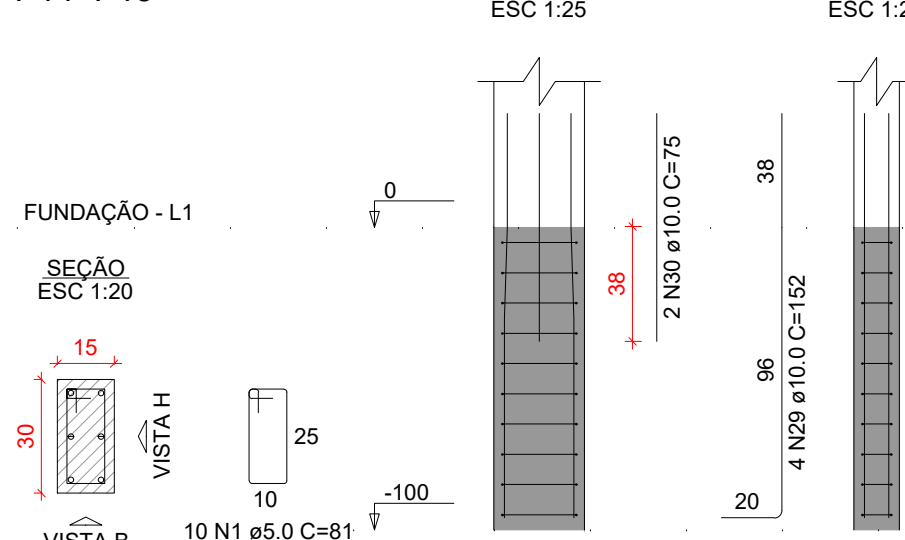
P3=P6=P7=P8=P10



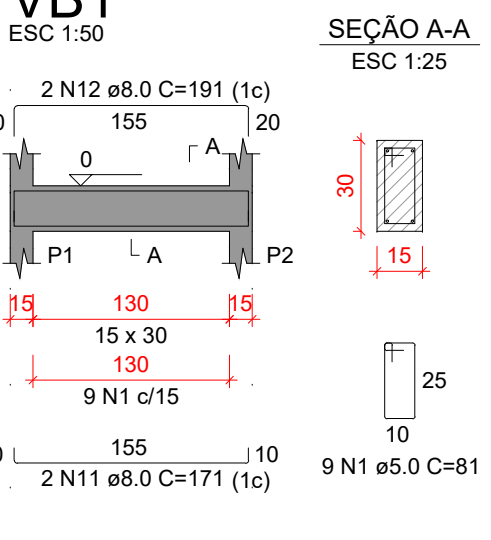
P4=P5=P9=P11=P12=P13



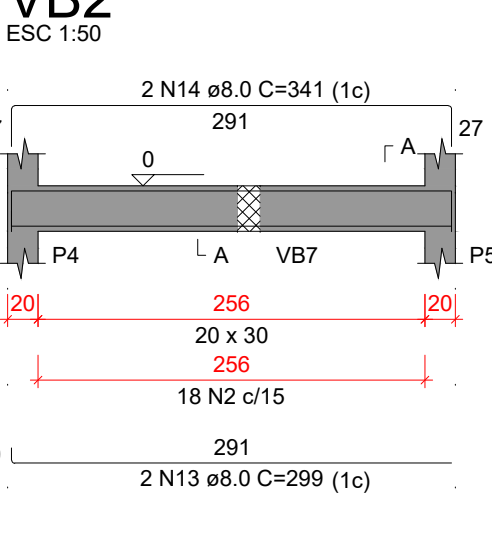
P14=P15



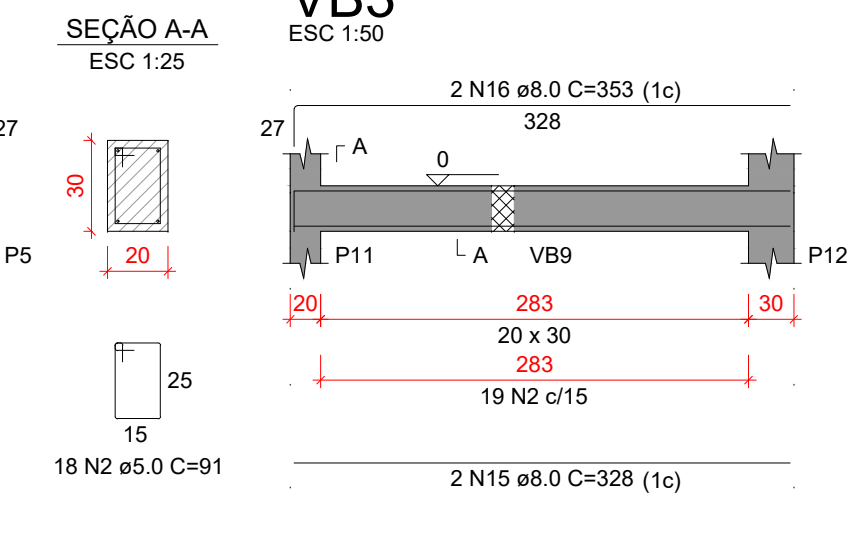
VB1



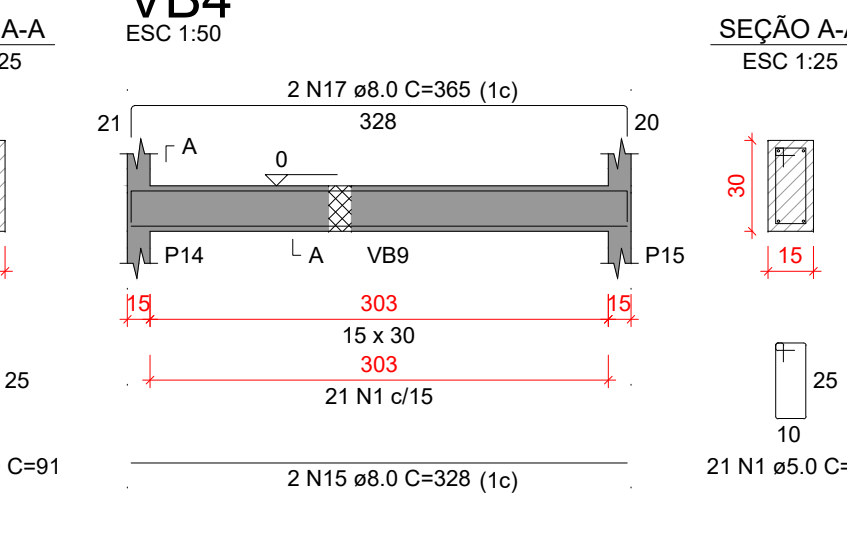
VB2



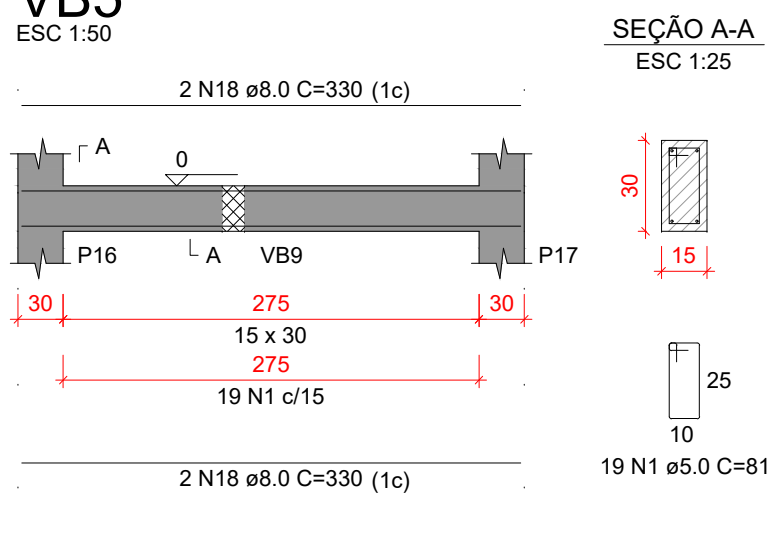
VB3



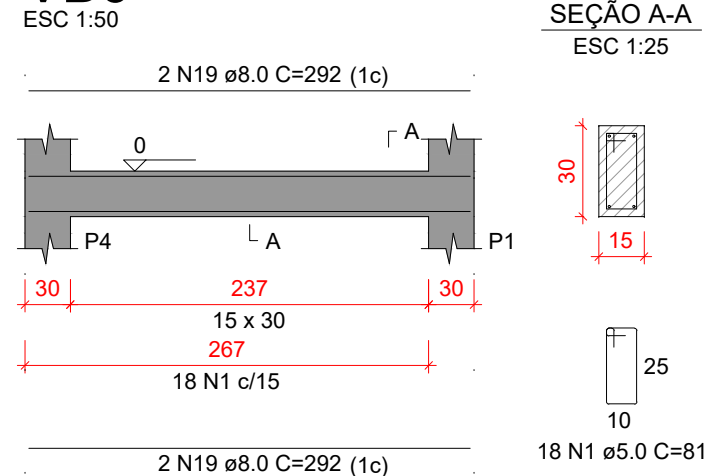
VB4



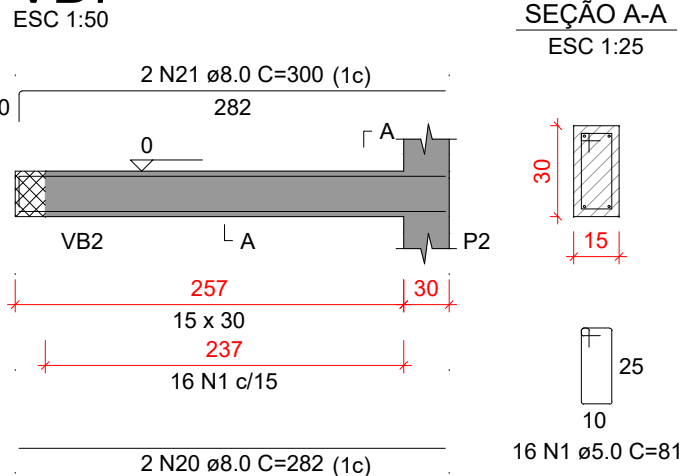
VB5



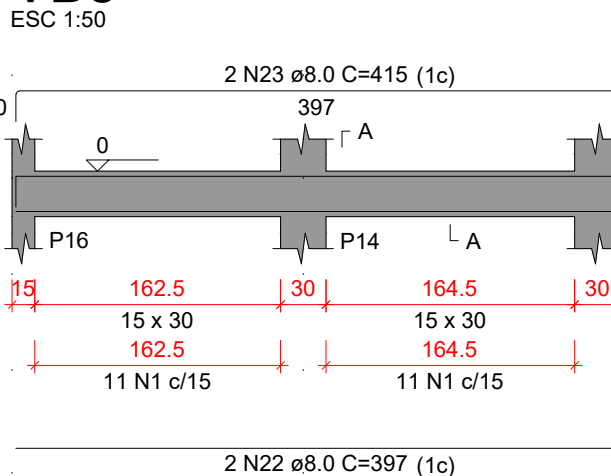
VB6



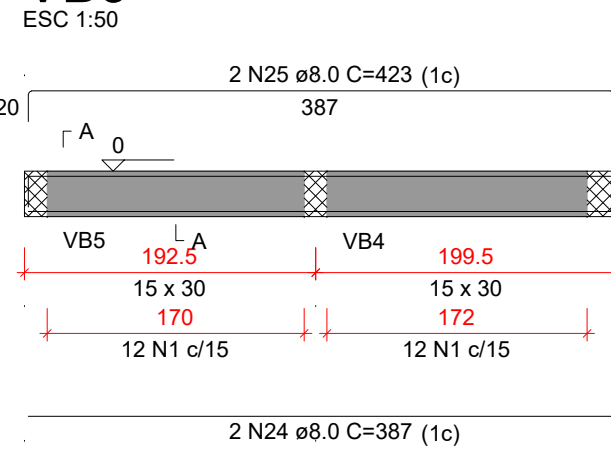
VB7



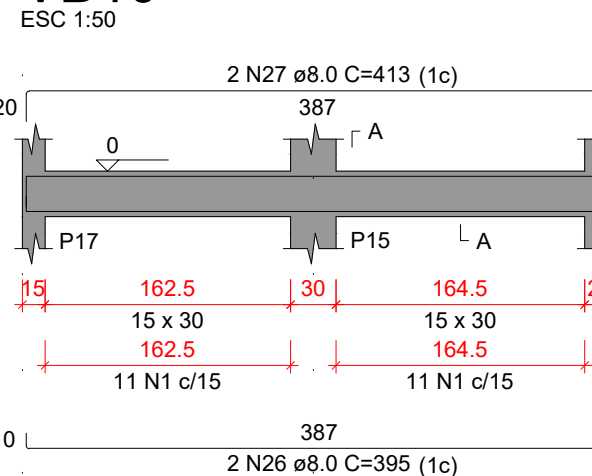
VB8



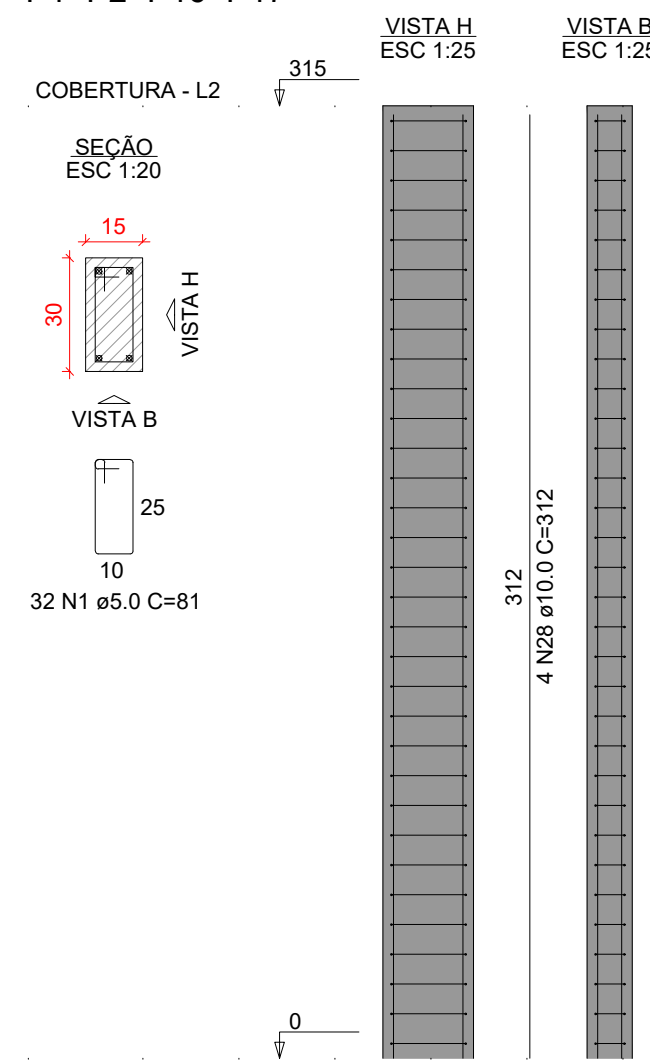
VB9



VB10



P1=P2=P16=P17



REFORMA DE ESCOLA - PROJETO ESTRUTURAL

DESCRIÇÃO: SAPATAS, VIGAS BALDRAMES E PILARES		Allan Soares Cardoso Prefeito Municipal
PROPRIETÁRIO: Prefeitura Municipal de São Romão-MG		
ENDEREÇO: COMUNIDADE TRAÇADAL - SÃO ROMÃO-MG	Augusto César dos Santos Freitas Engenheiro Civil - CREA 348719/MG	PÁGINA: 02/04
QUADRO DE ÁREAS: Área do Terreno: Área Construída: 180,21M²		
DATA INICIAL: setembro/2025	ULT. REVISÃO:	Nº DE REVISÃO: