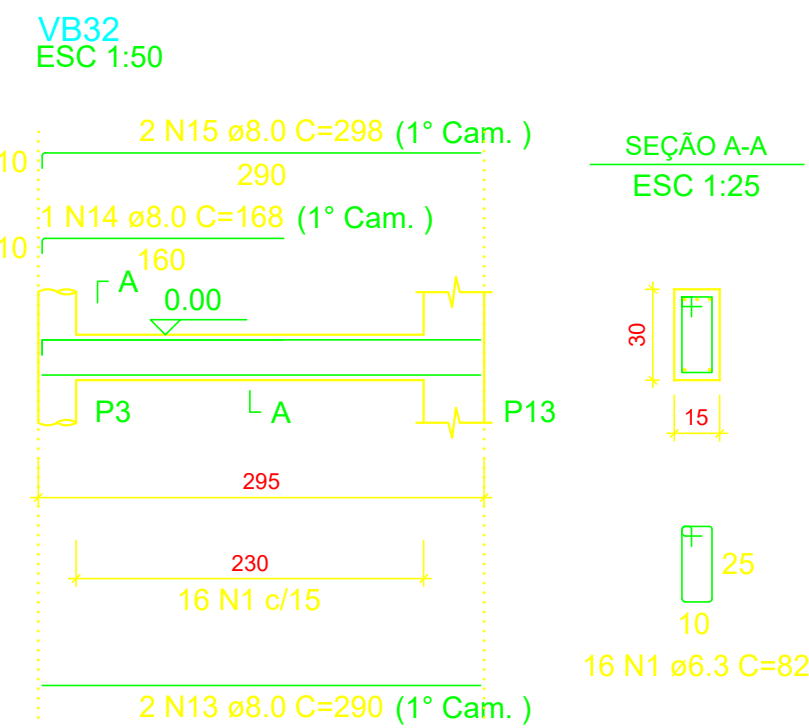
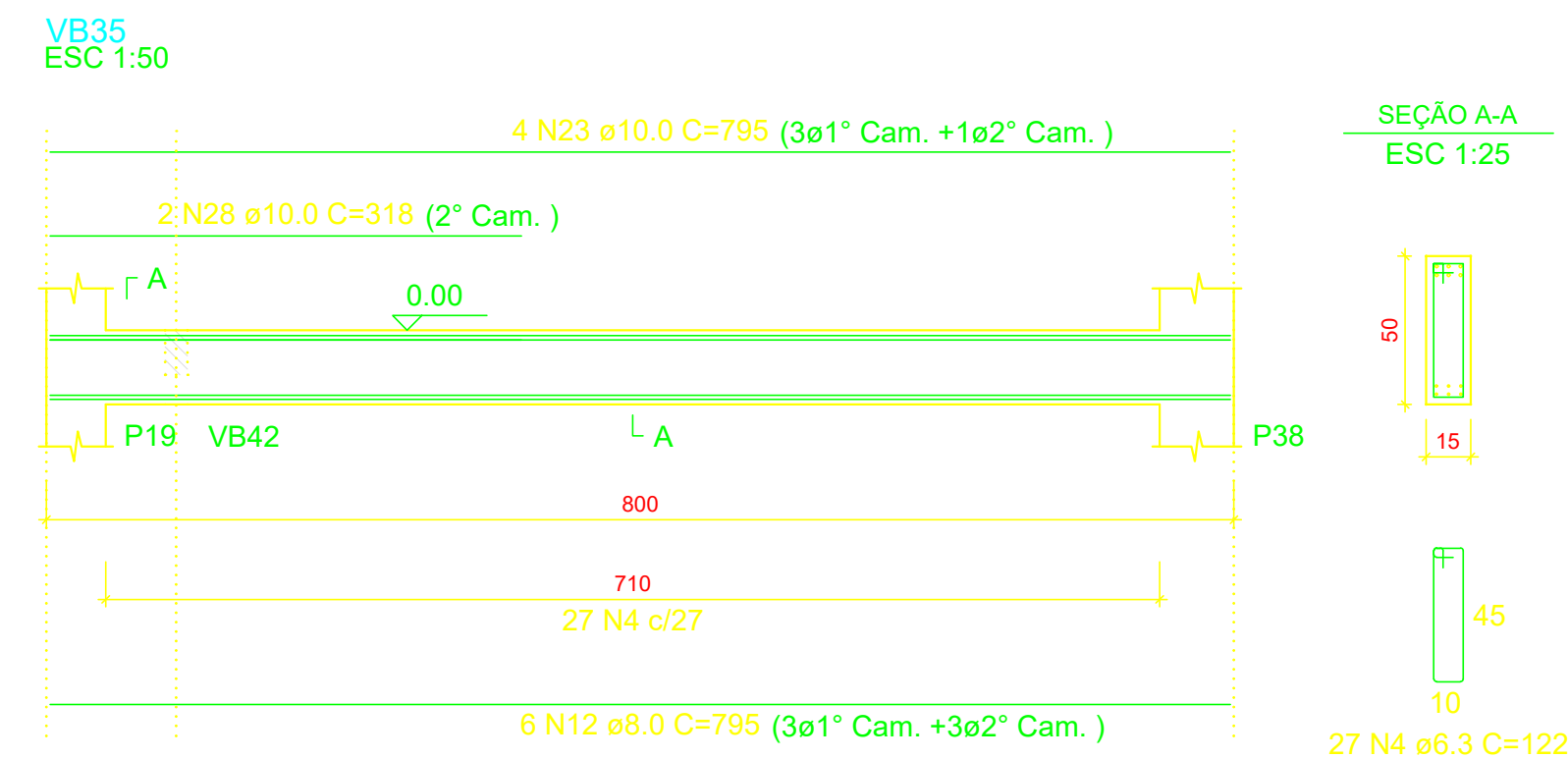
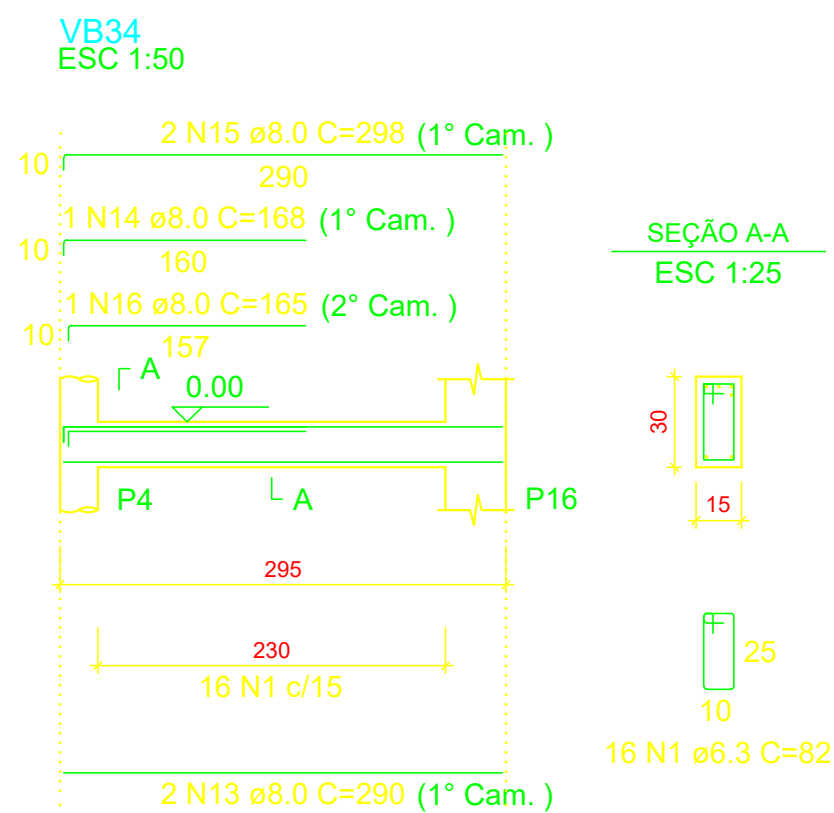
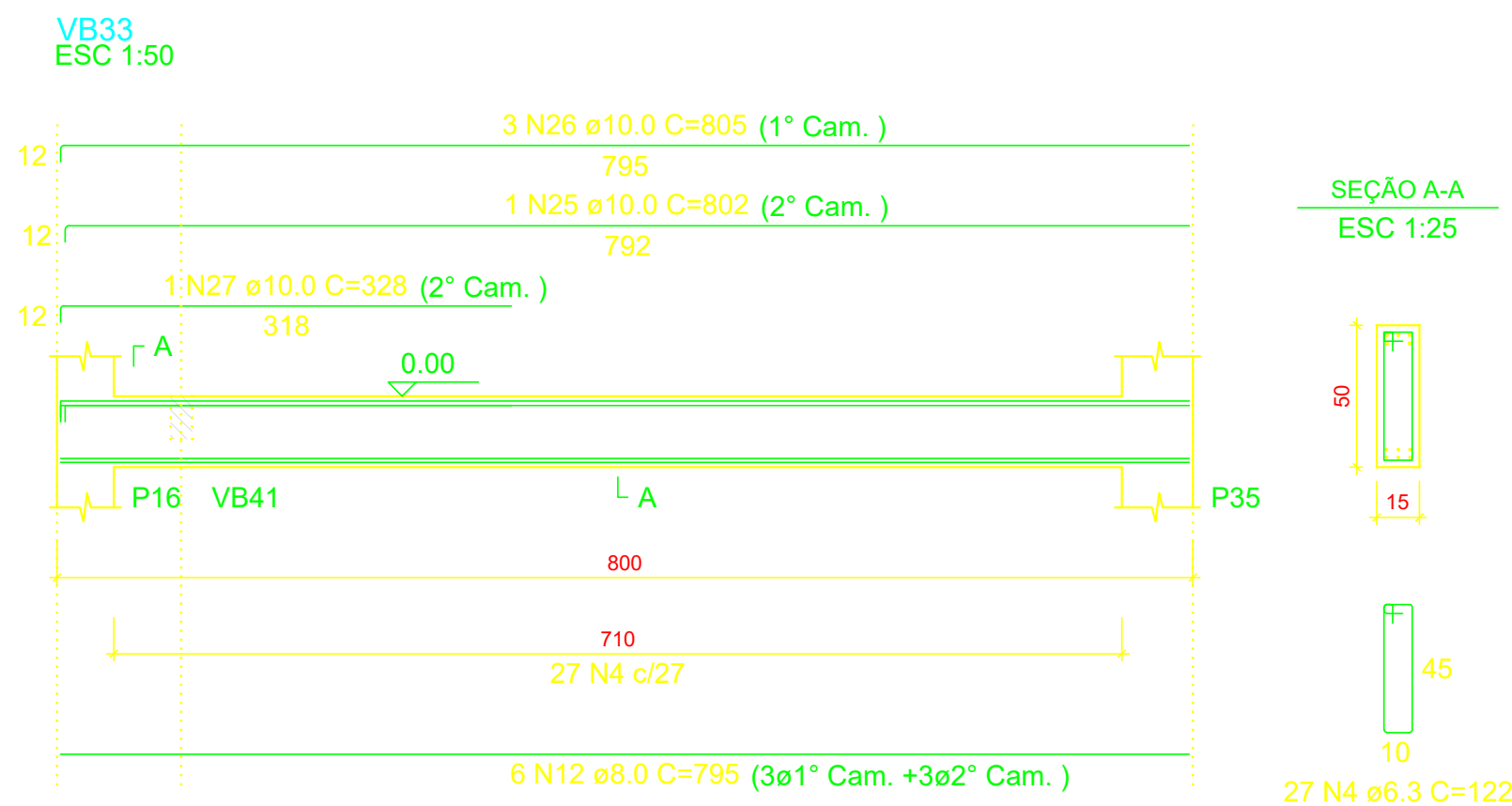
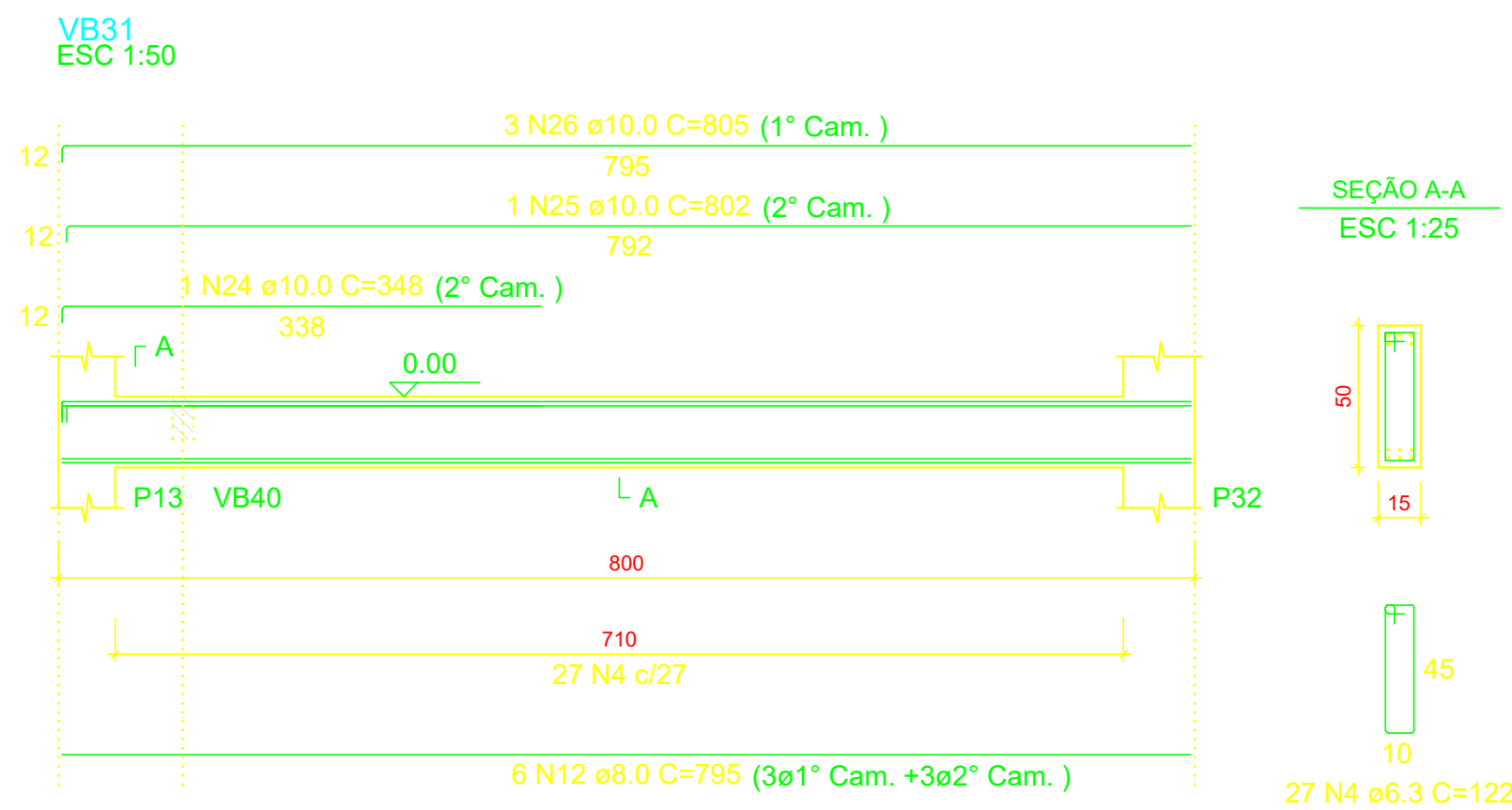
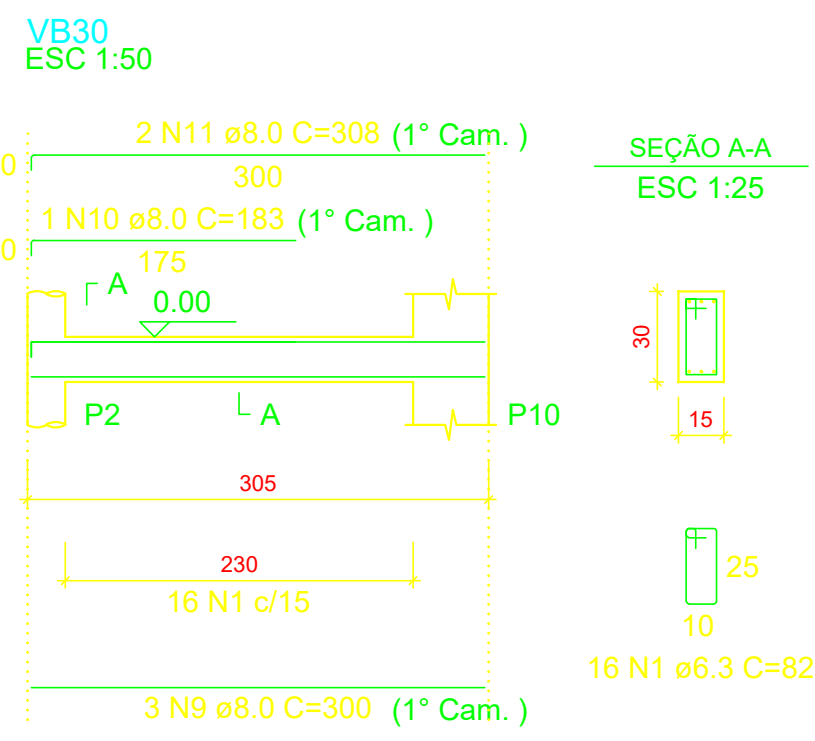
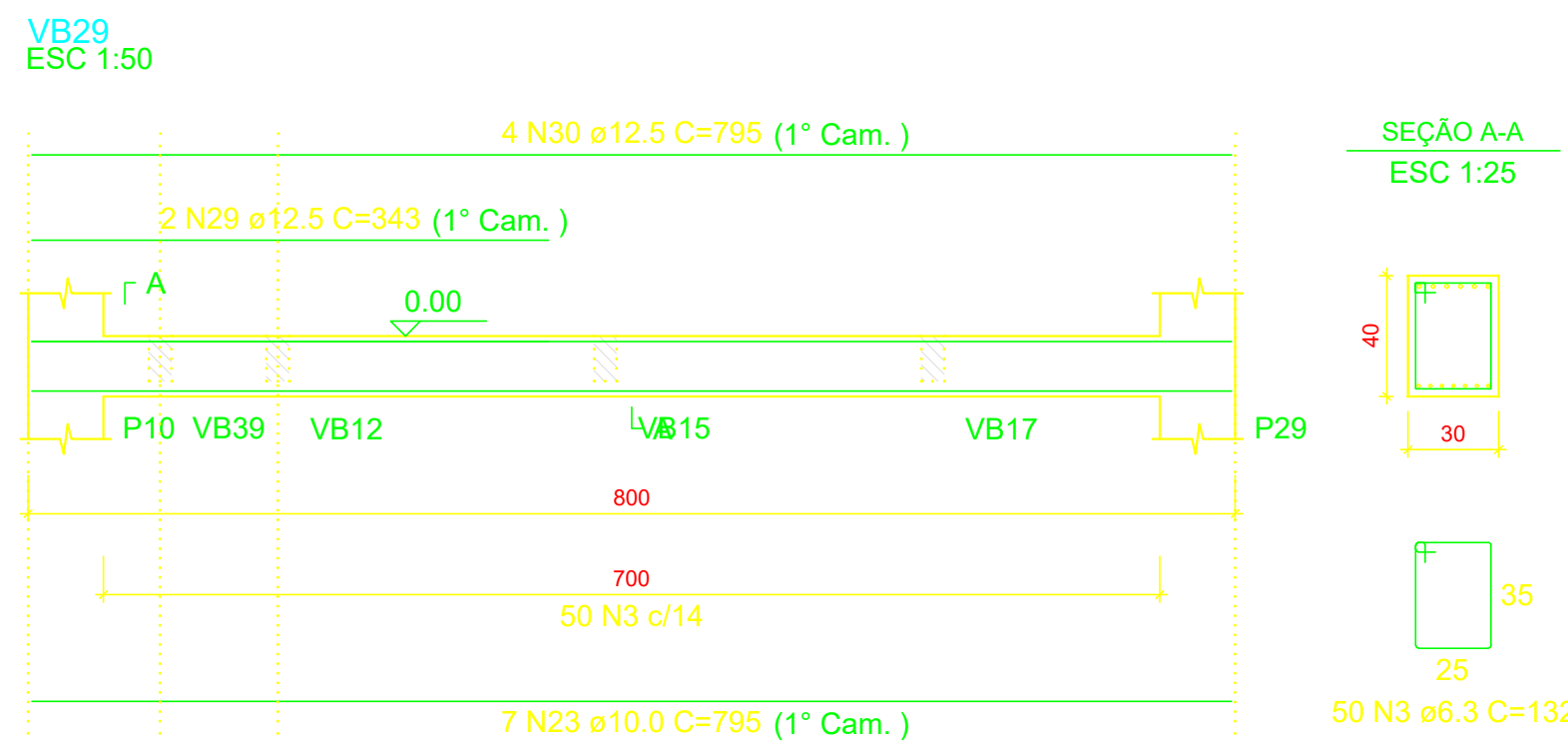
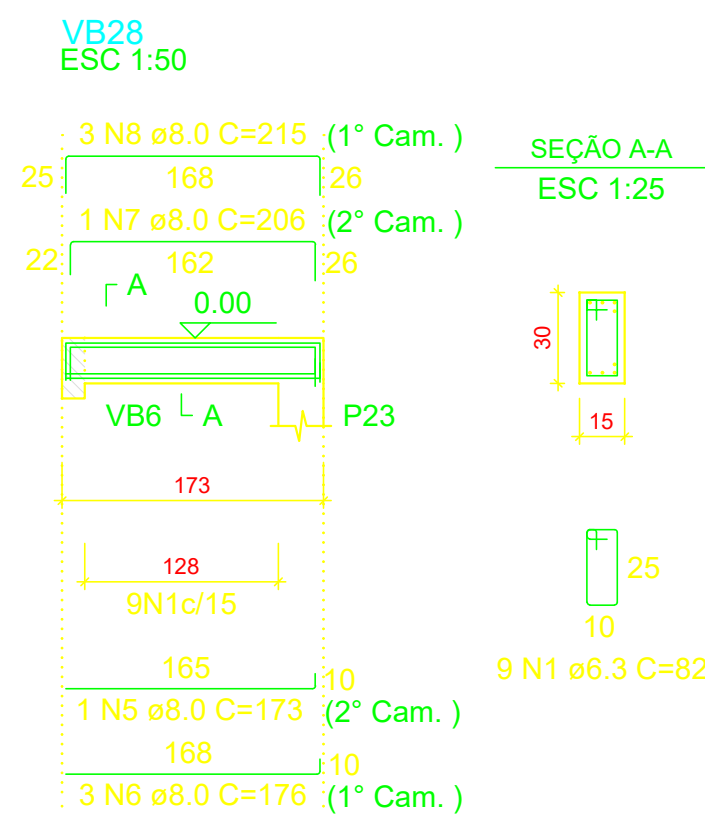
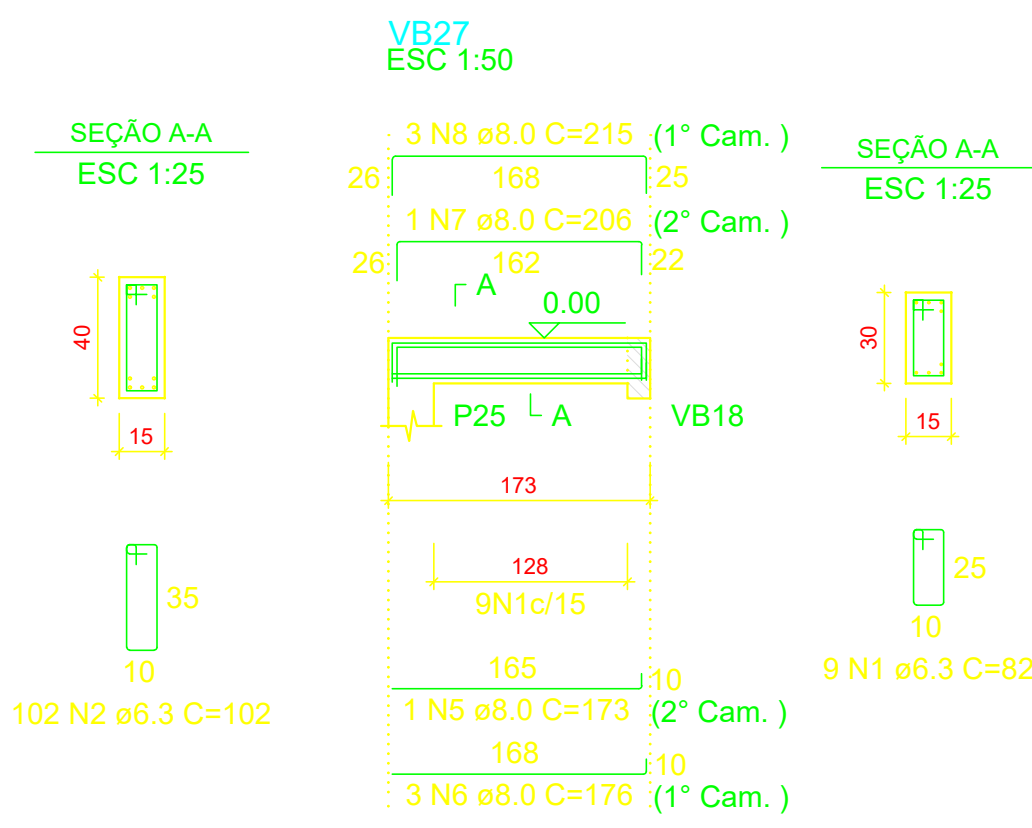
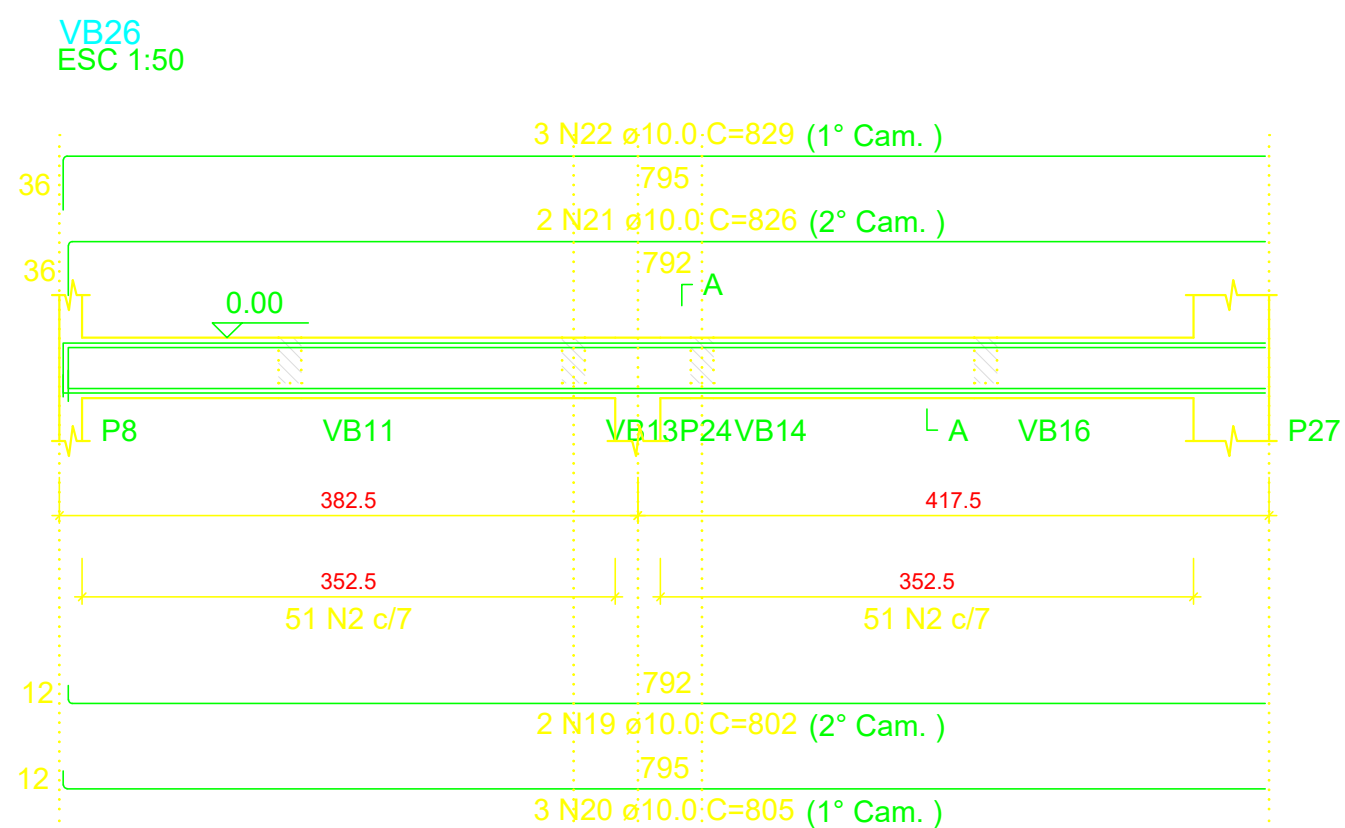
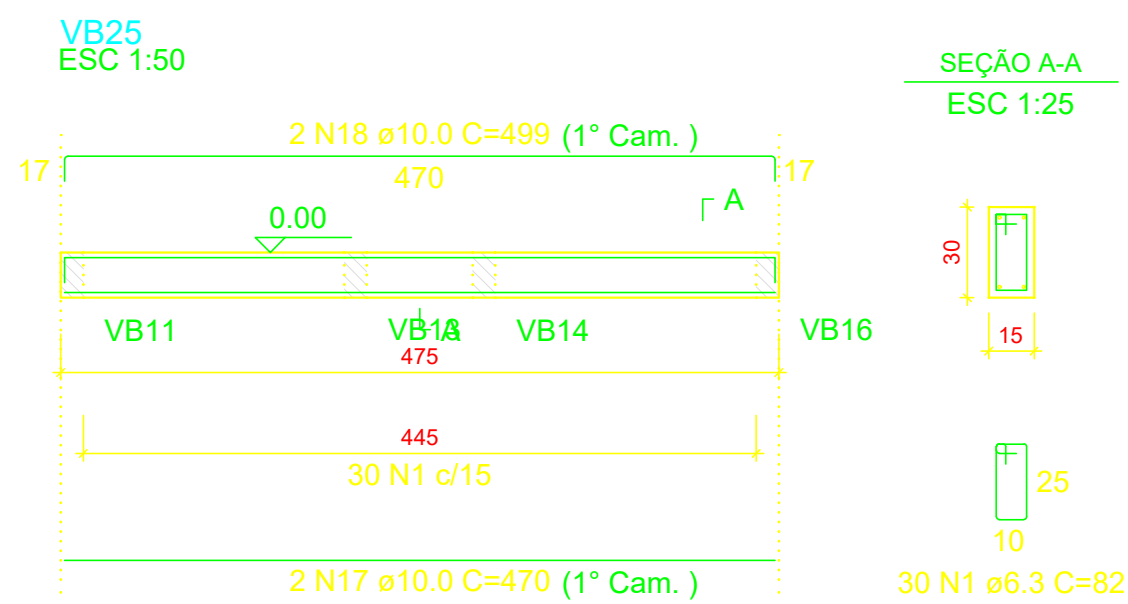




RELAÇÃO DO AÇO

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA50	1	6.3	96	82	7872
	2	6.3	102	102	10404
	3	6.3	50	132	6600
	4	6.3	81	122	9882
	5	8.0	2	173	346
	6	8.0	6	176	1056
	7	8.0	2	206	412
	8	8.0	6	215	1290
	9	8.0	3	300	900
	10	8.0	1	183	183
	11	8.0	2	308	616
	12	8.0	18	795	14310
	13	8.0	4	290	1160
	14	8.0	2	168	336
	15	8.0	4	298	1192
	16	8.0	1	165	165
	17	10.0	2	470	940
	18	10.0	2	499	998
	19	10.0	2	802	1604
	20	10.0	3	805	2415
	21	10.0	2	826	1652
	22	10.0	3	829	2487
	23	10.0	11	795	8745
	24	10.0	1	348	348
	25	10.0	2	802	1604
	26	10.0	6	805	4830
	27	10.0	1	328	328
	28	10.0	2	318	636
	29	12.5	2	343	686
	30	12.5	4	795	3180

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 10% (Barras)	PESO + 10% (kg)
CA50	6.3	347.6	32	93.6
	8.0	219.7	21	95.3
	10.0	265.9	25	180.3
	12.5	38.7	4	41
PESO TOTAL (kg)				
CA50		410.2		

Volume de concreto (C-25) = 4.01 m³
Área de forma = 56.87 m²

PROJETO	RESPONSÁVEL TÉCNICO		
	Eng. Mano Marques Ribeiro CREA: MG 48900/D		
CLIENTE			
EMPREENDIMENTO			
IMPLANTAÇÃO DA ESCOLA NOVA			
ENDEREÇO	DISCIPLINA		
RUA 06, S/N - B. Luiz Rennó Mendes. SANTA RITA DO SAPUCAÍ - MINAS GERAIS	ESTRUTURAL		
ASSUNTO	FASE DO PROJETO		
BLOCO E DETALHAMENTO DA ARMAÇÃO DAS VIGAS BALDRAME PLANTA BAIXA, CORTES E DETALHES	EXECUTIVO		
	FOLHA Nº: 44		
DATA INICIAL	ESCALA	REVISÃO	ARQUIVO
17/10/2019	INDICADA	R00	FAPEPE-FMSRS-ESC-PE-EST-R00 - NVV.DWG