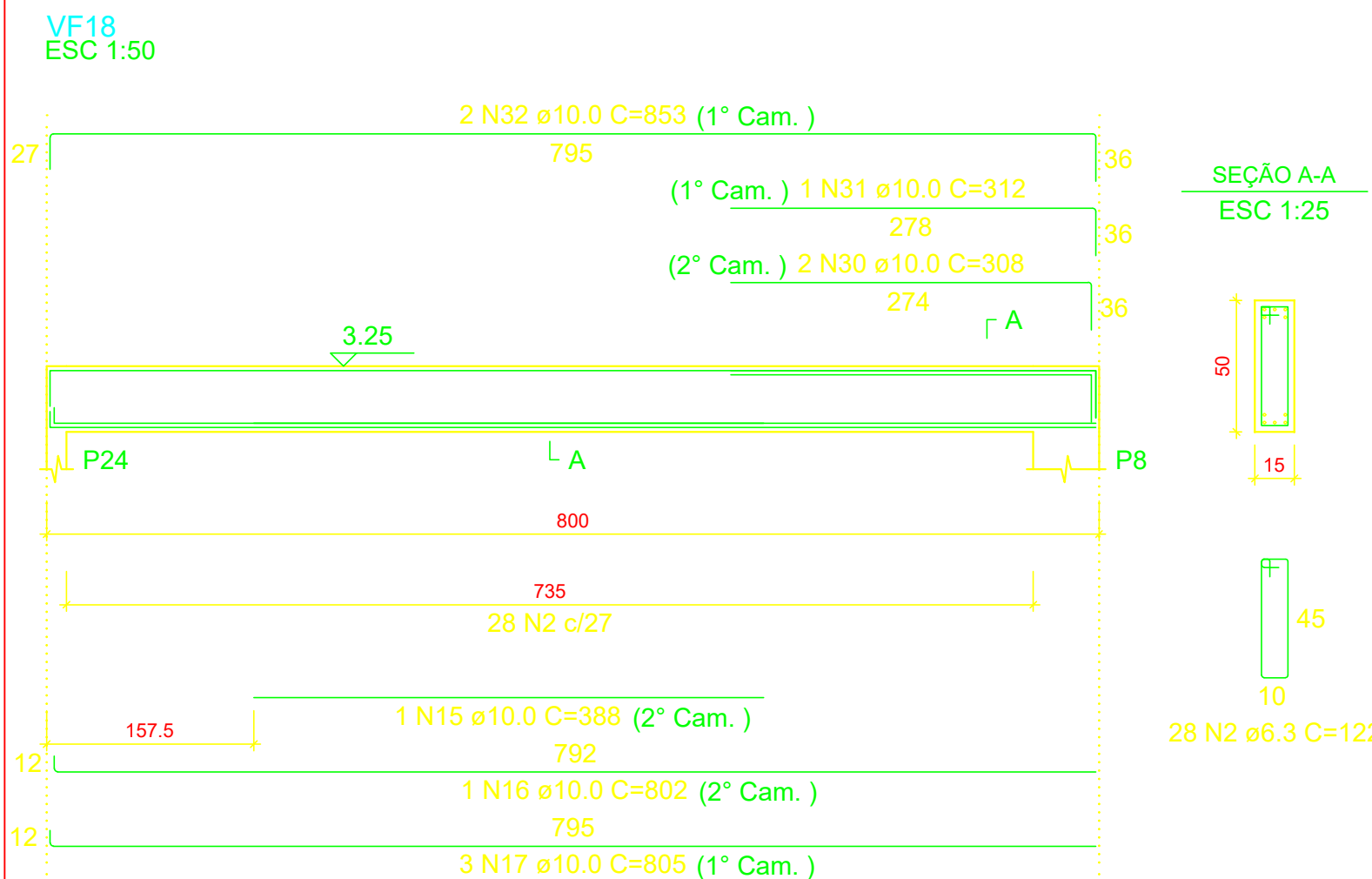
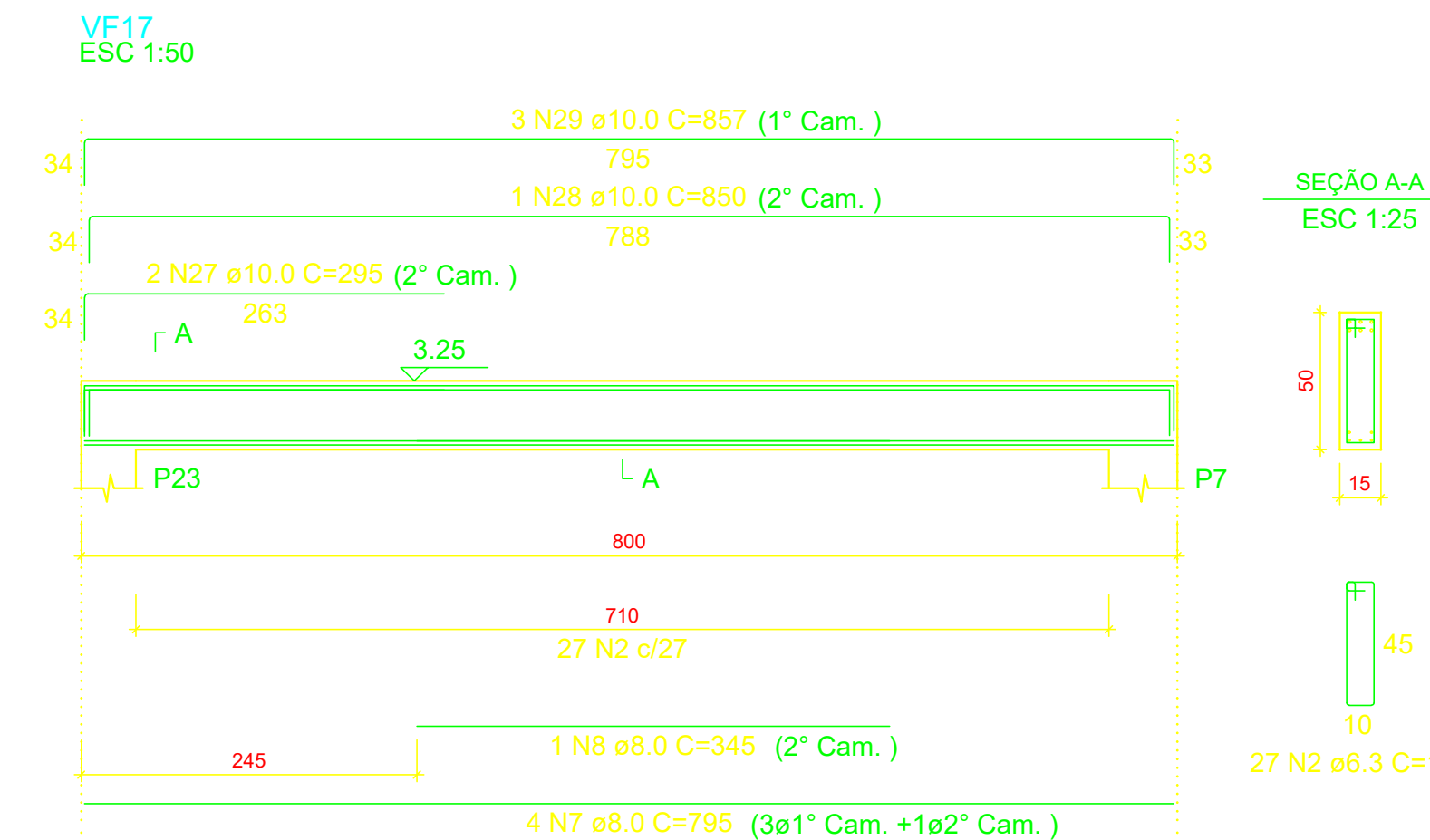
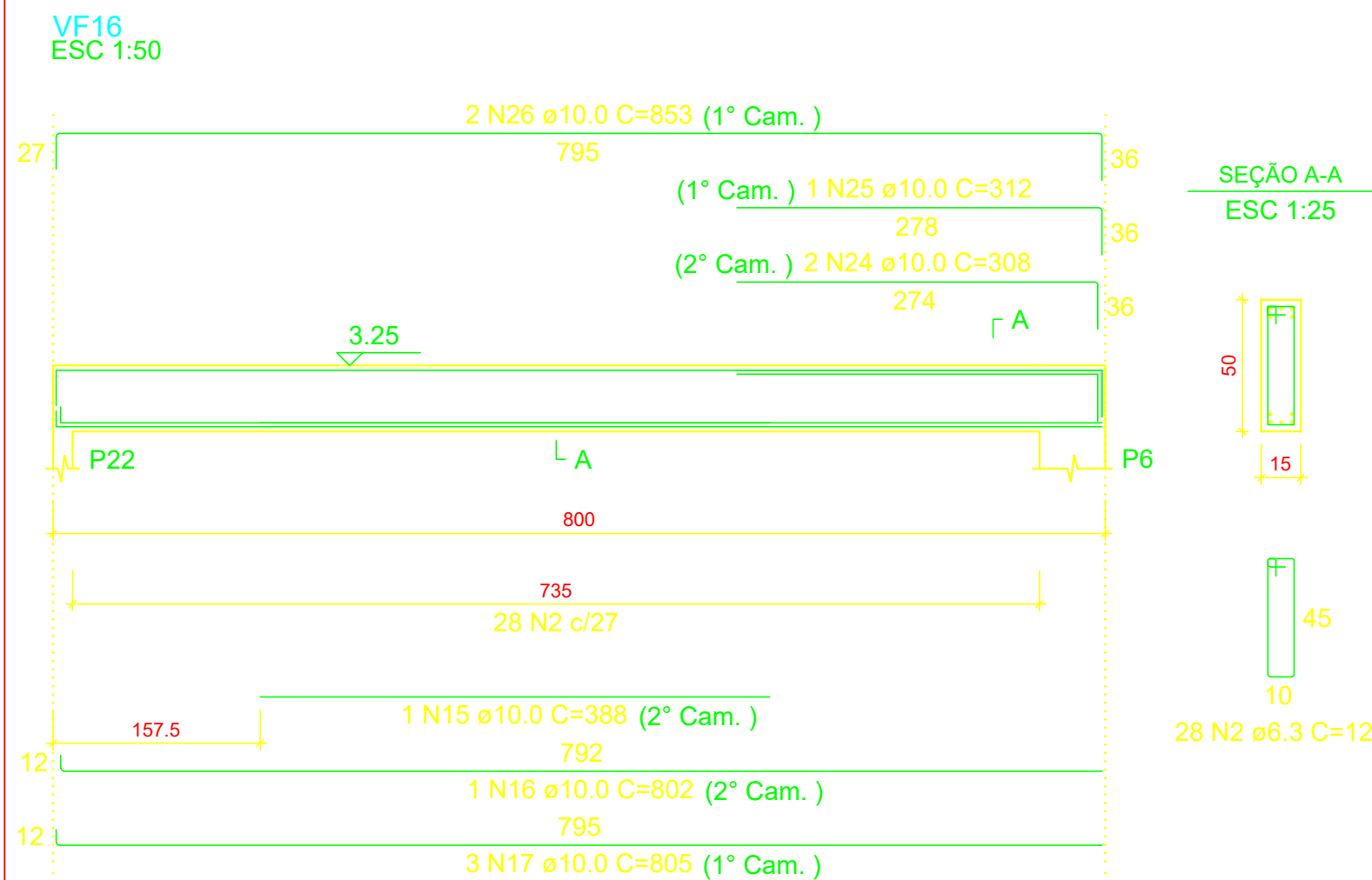
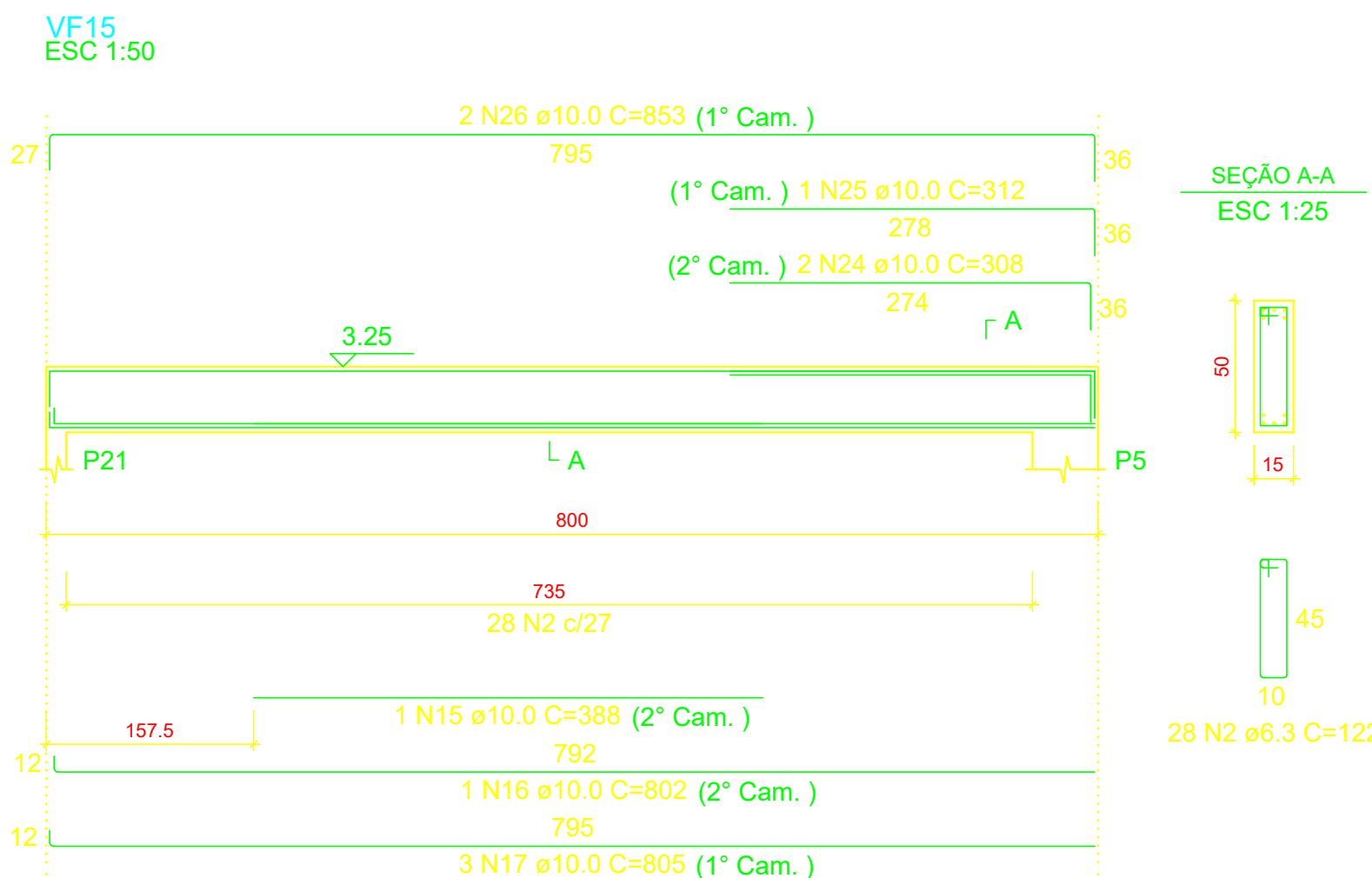
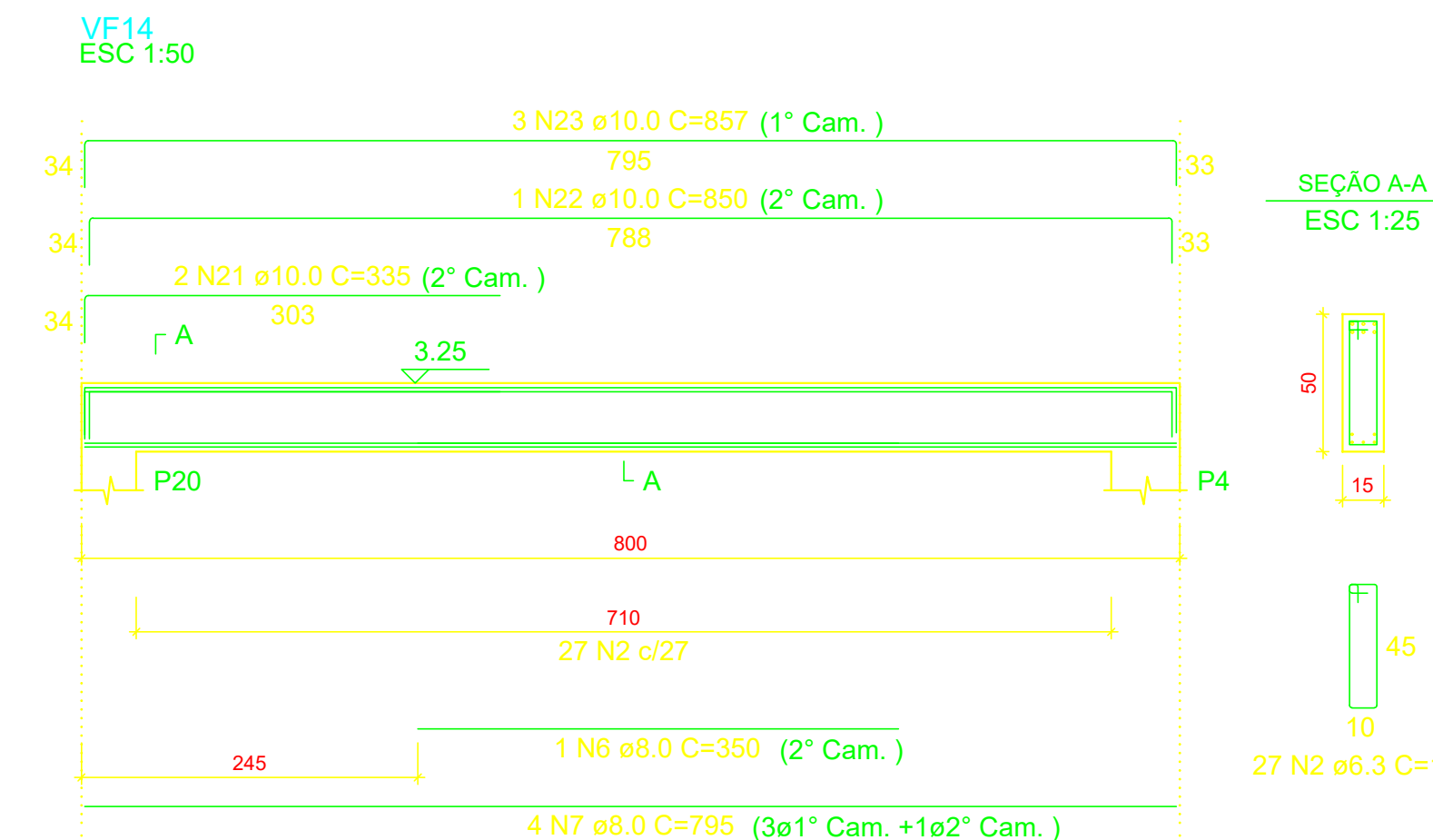
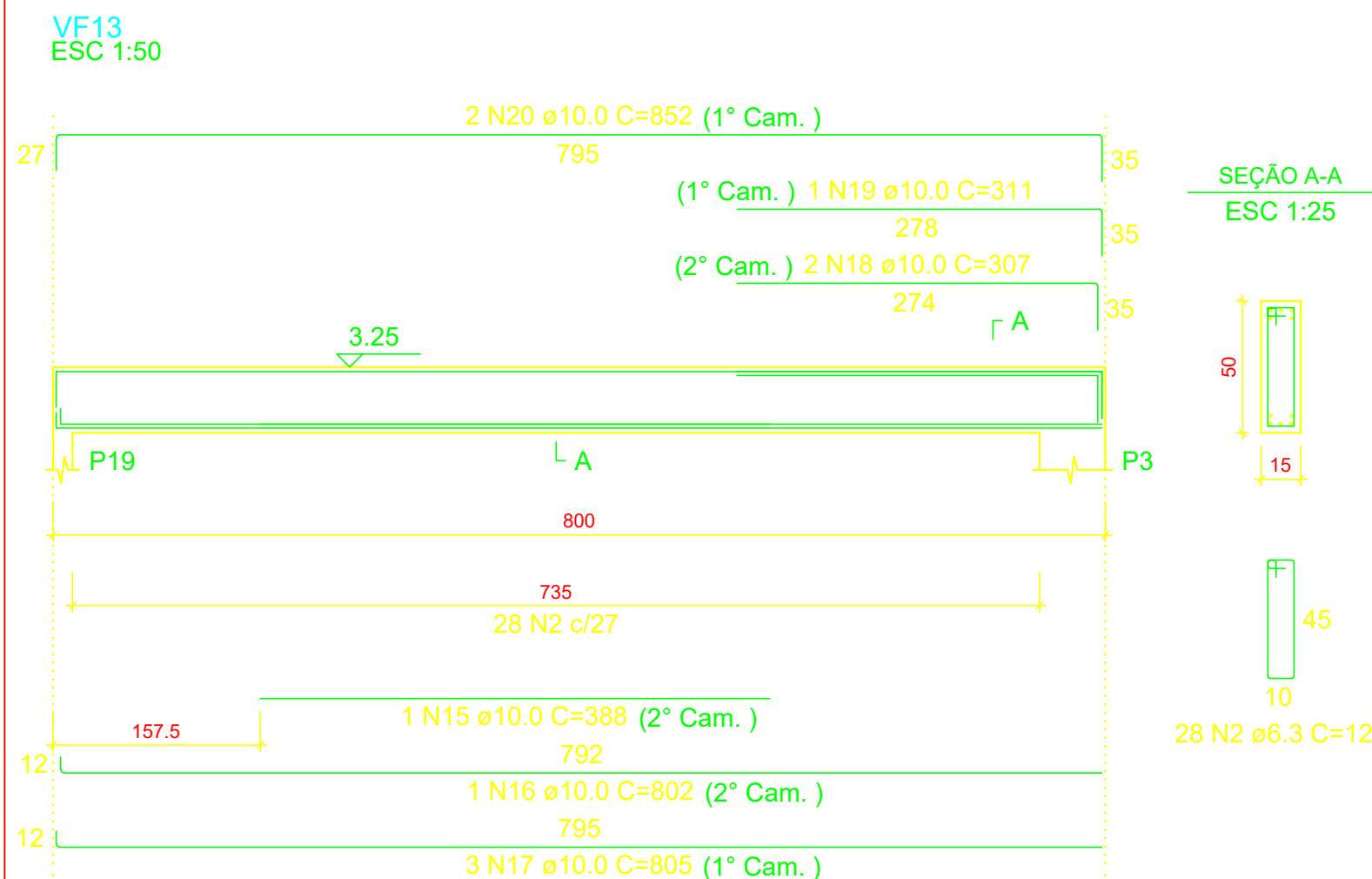
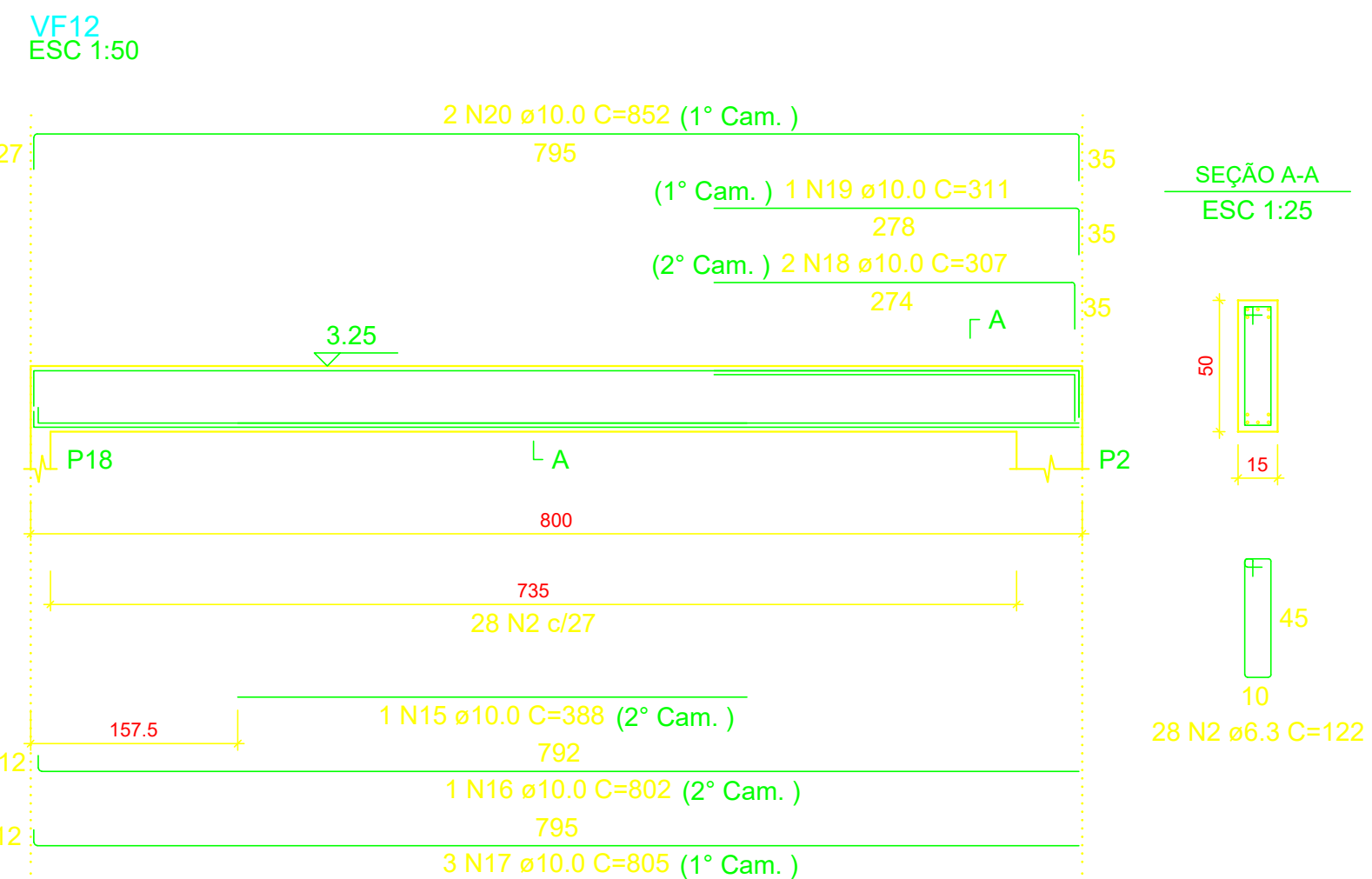
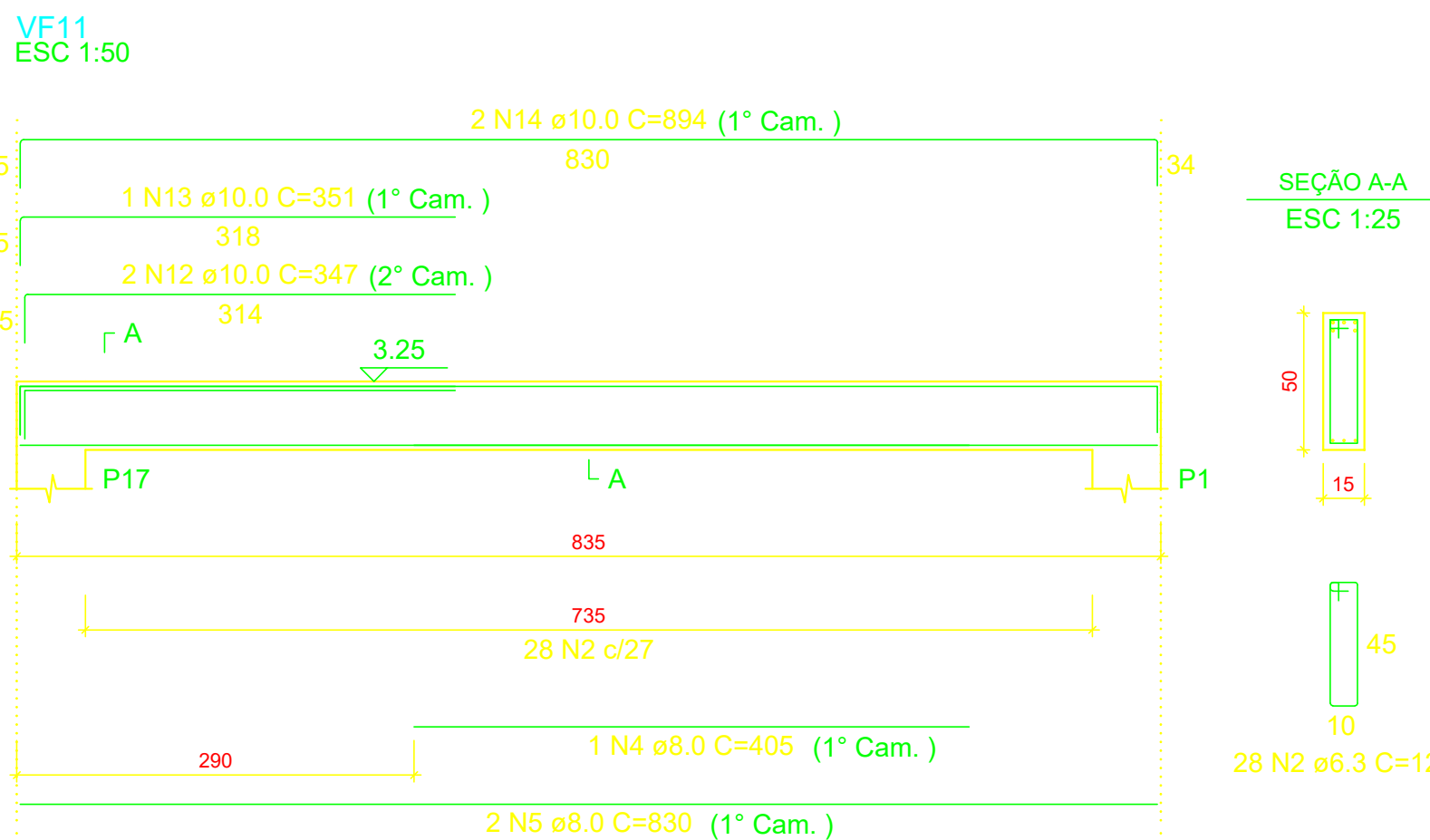
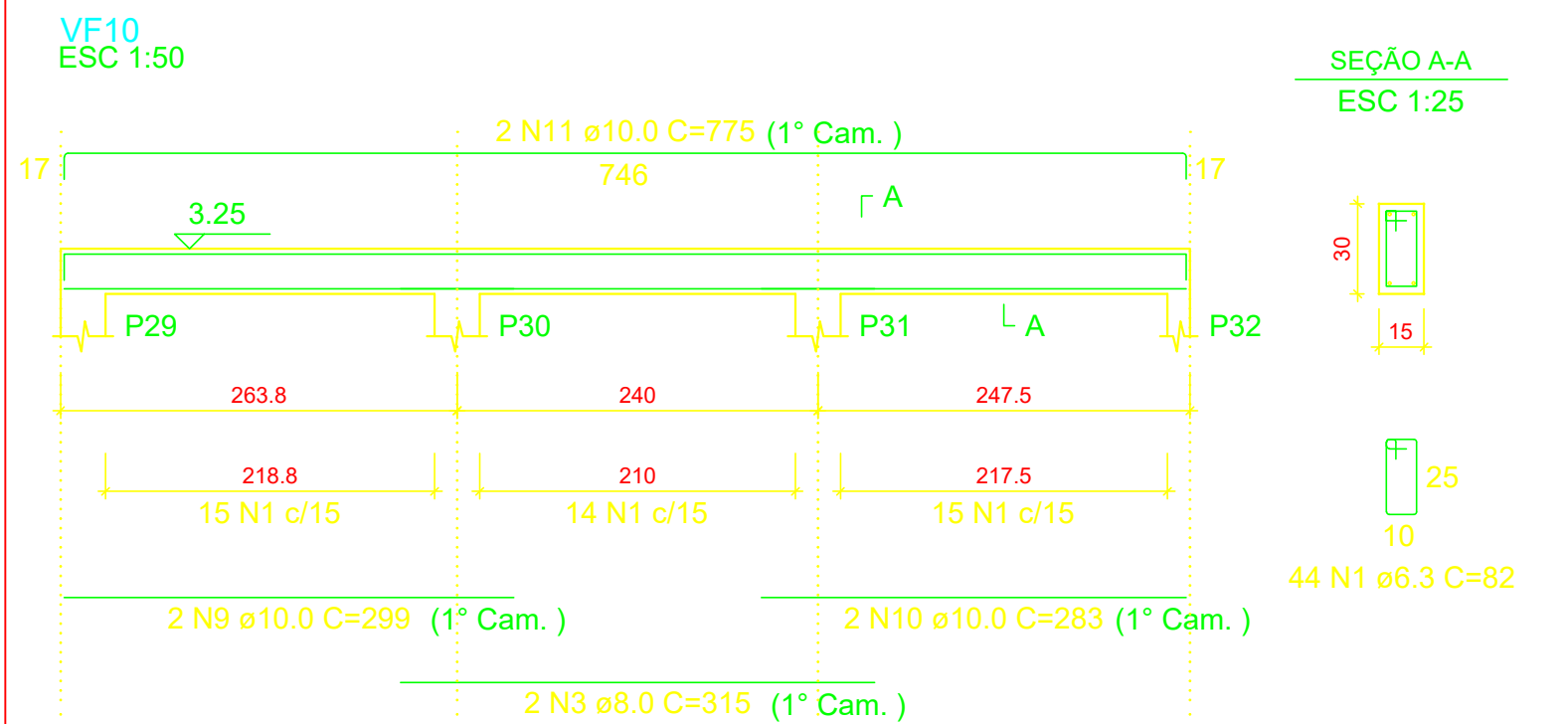




RELAÇÃO DO AÇO

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA50	1	6.3	44	82	3608
	2	6.3	222	122	27084
	3	8.0	2	315	630
	4	8.0	1	405	405
	5	8.0	2	830	1660
	6	8.0	1	350	350
	7	8.0	8	795	6360
	8	8.0	1	345	345
	9	10.0	2	299	598
	10	10.0	2	283	566
	11	10.0	2	775	1550
	12	10.0	2	347	694
	13	10.0	1	351	351
	14	10.0	2	894	1788
	15	10.0	5	388	1940
	16	10.0	5	802	4010
	17	10.0	15	805	12075
	18	10.0	4	307	1228
	19	10.0	2	311	622
	20	10.0	4	852	3408
	21	10.0	2	335	670
	22	10.0	1	850	850
	23	10.0	3	857	2571
	24	10.0	4	308	1232
	25	10.0	2	312	624
	26	10.0	4	853	3412
	27	10.0	2	295	590
	28	10.0	1	850	850
	29	10.0	3	857	2571
	30	10.0	2	308	616
	31	10.0	1	312	312
	32	10.0	2	853	1706

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 10% (Barras)	PESO + 10% (kg)
CA50	6.3	306.9	29	82.6
	8.0	97.5	9	42.3
	10.0	448.3	42	304.1

PESO TOTAL (kg)
CA50 429

Volume de concreto (C-25) = 5.16 m³
Área de forma = 79.64 m²

PROJETO		RESPONSÁVEL TÉCNICO	
		Eng. Mario Marques Ribeiro	
		CREA: MG 48900/D	
CLIENTE			
EMPREENHIMENTO			
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 F DETALHAMENTO DA ARMAÇÃO DAS VIGAS RESPALDO PLANTA BAIXA,CORTES E DETALHES		EXECUTIVO	
DATA INICIAL		FOLHA Nº	
17/10/2019		59	
ESCALA	INDICADA	REVISÃO	ARQUIVO
R00		R00	FAPEPE-FMSRS-ESC-PE-EST-R00 - NV.DWG