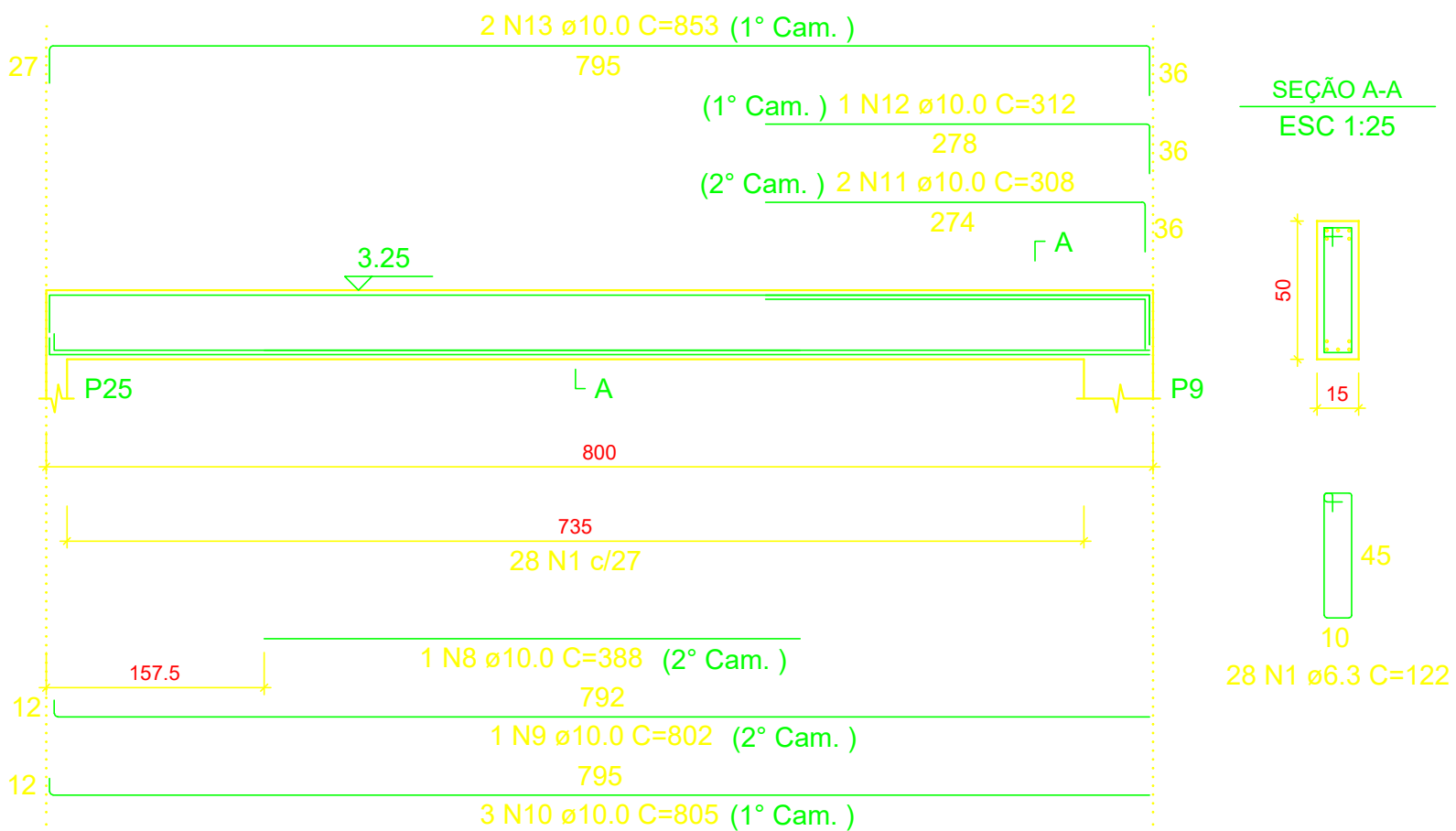
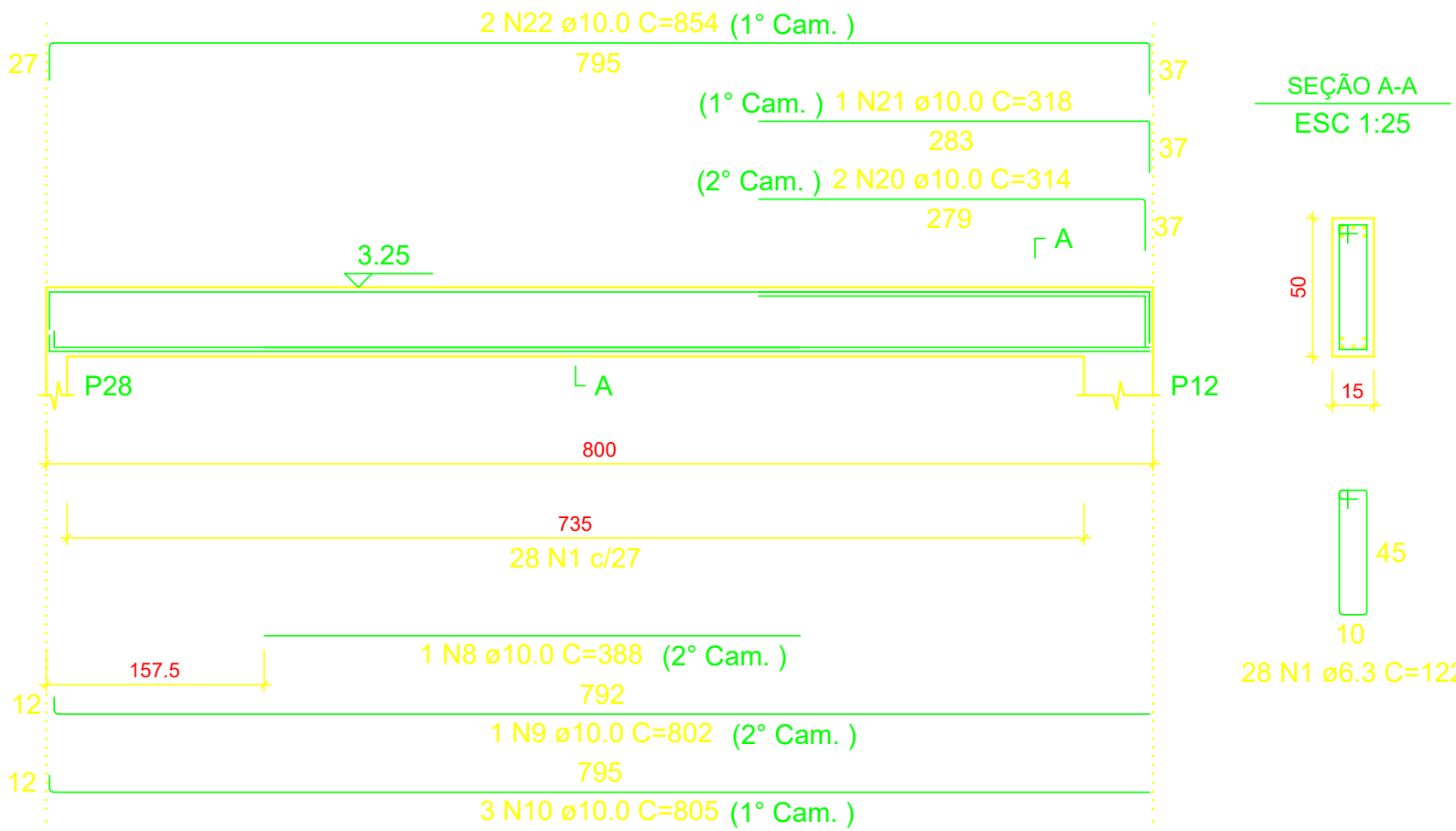


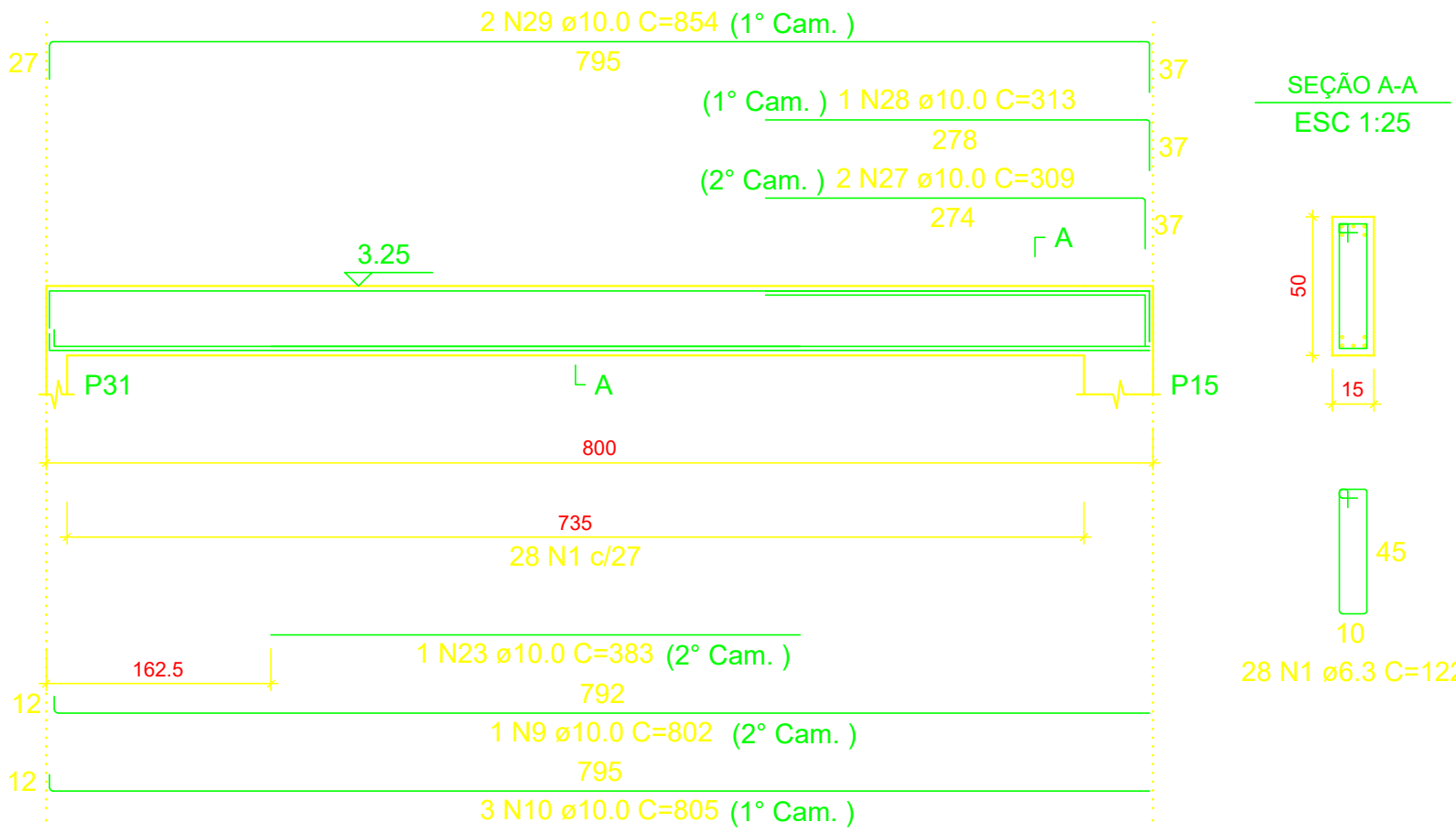
VF19
ESC 1:50



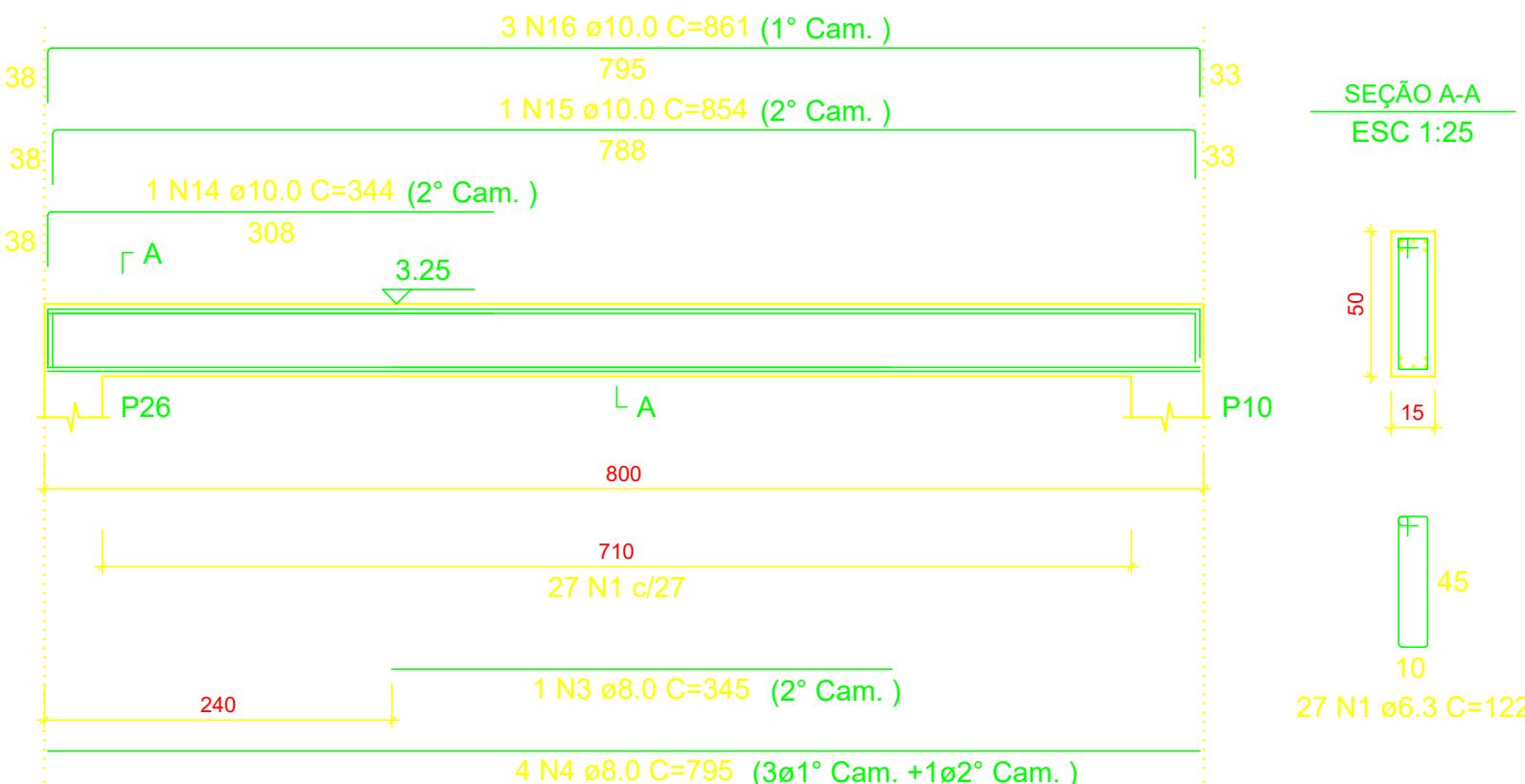
VF22
ESC 1:50



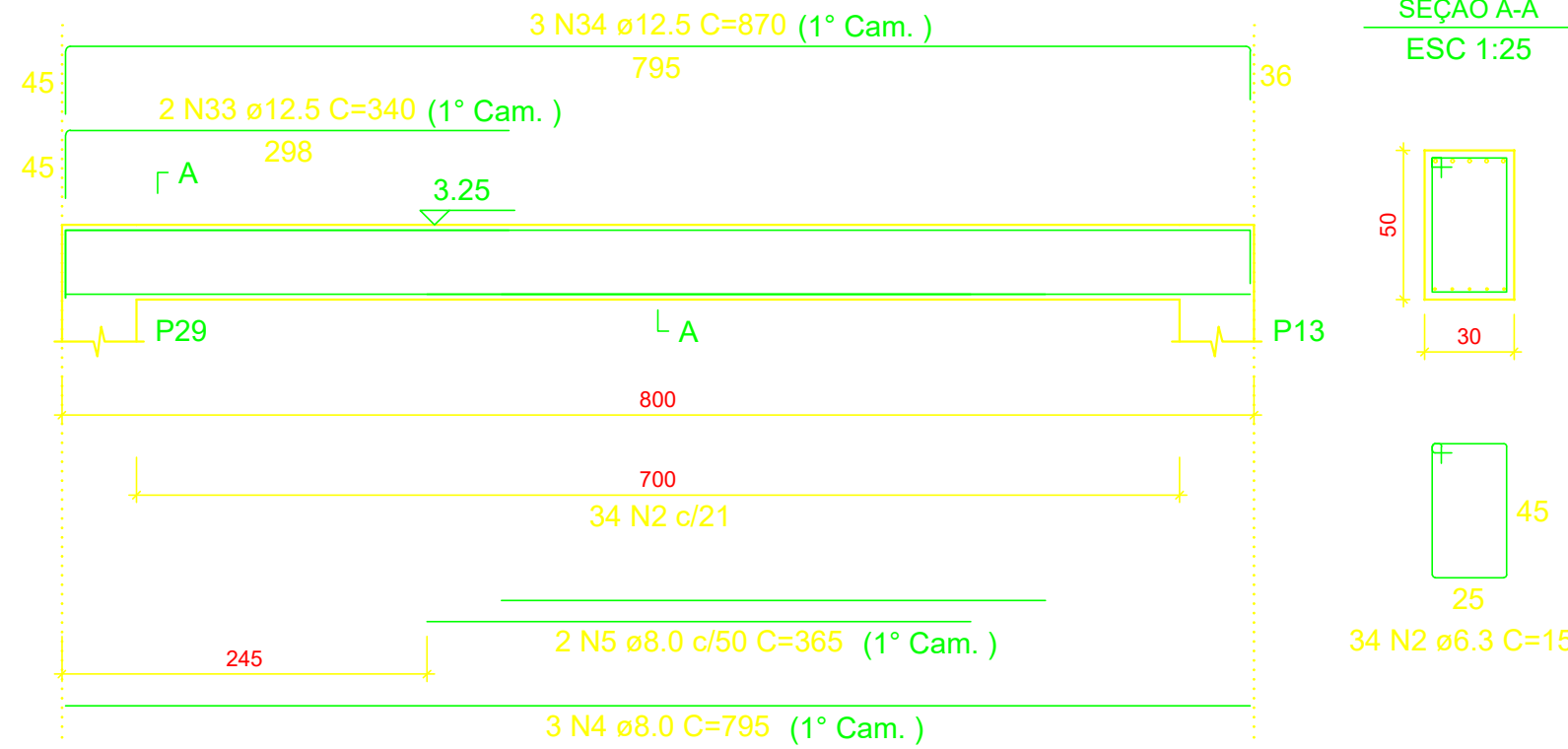
VF25
ESC 1:50



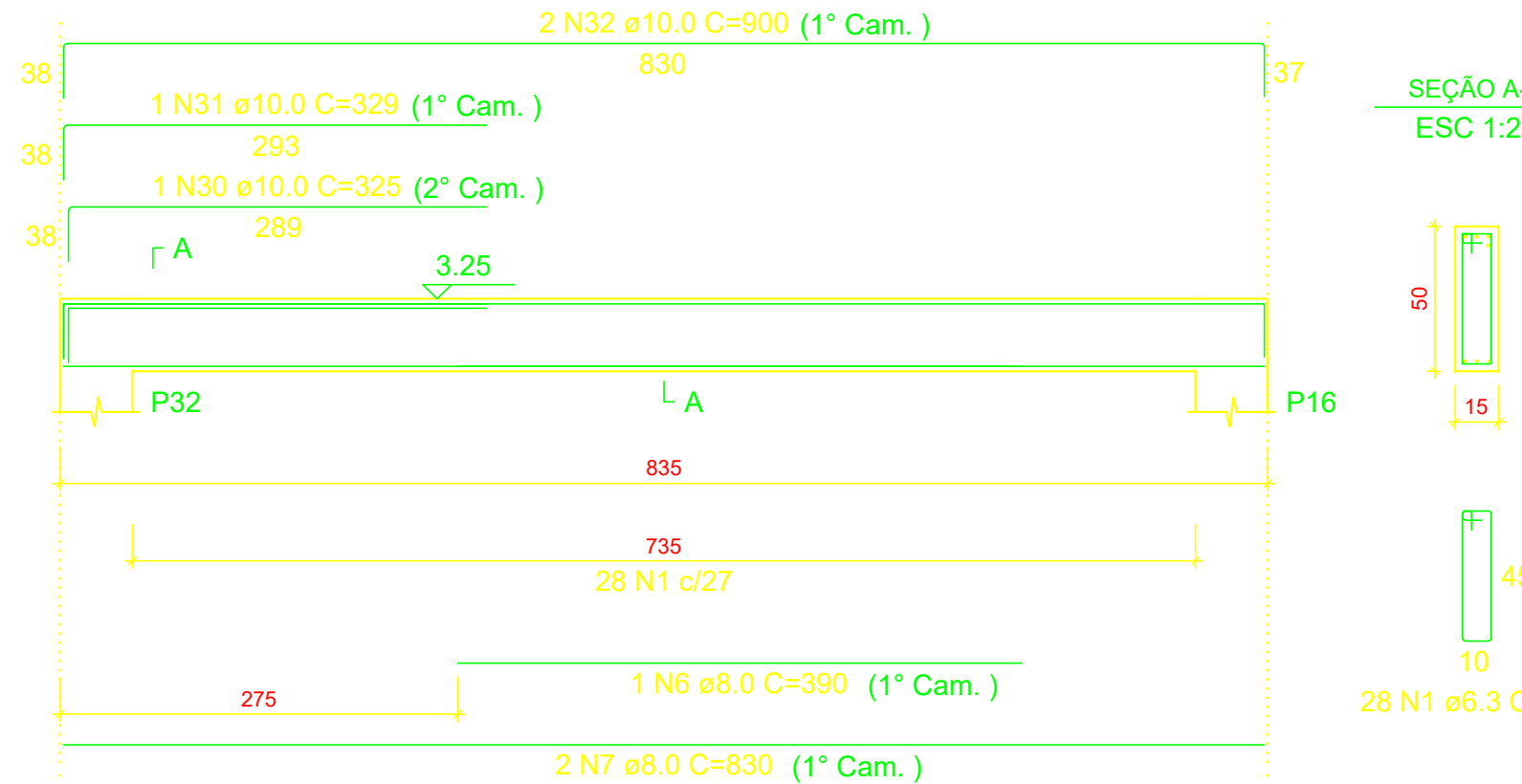
VF20
ESC 1:50



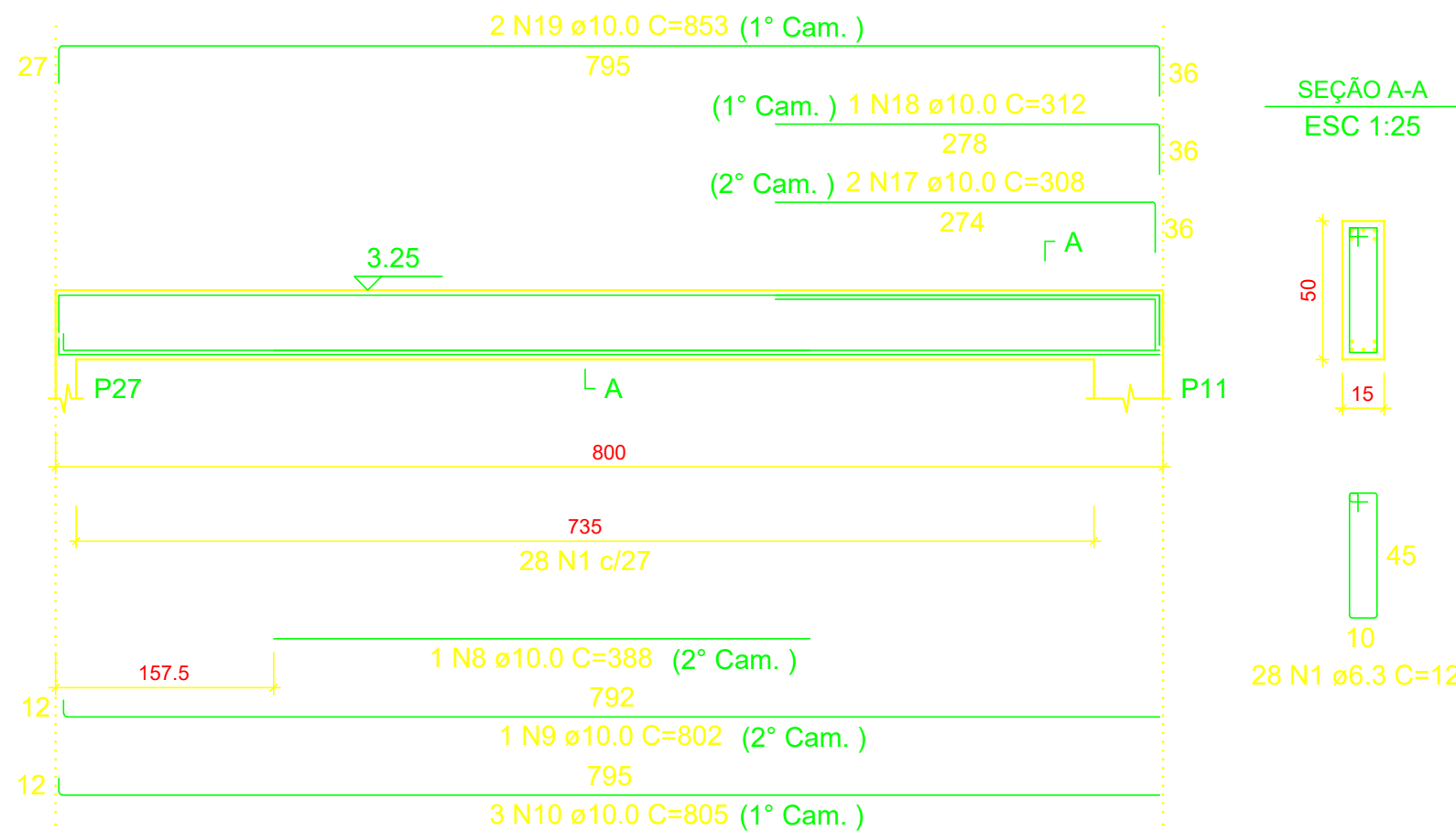
VF23
ESC 1:50



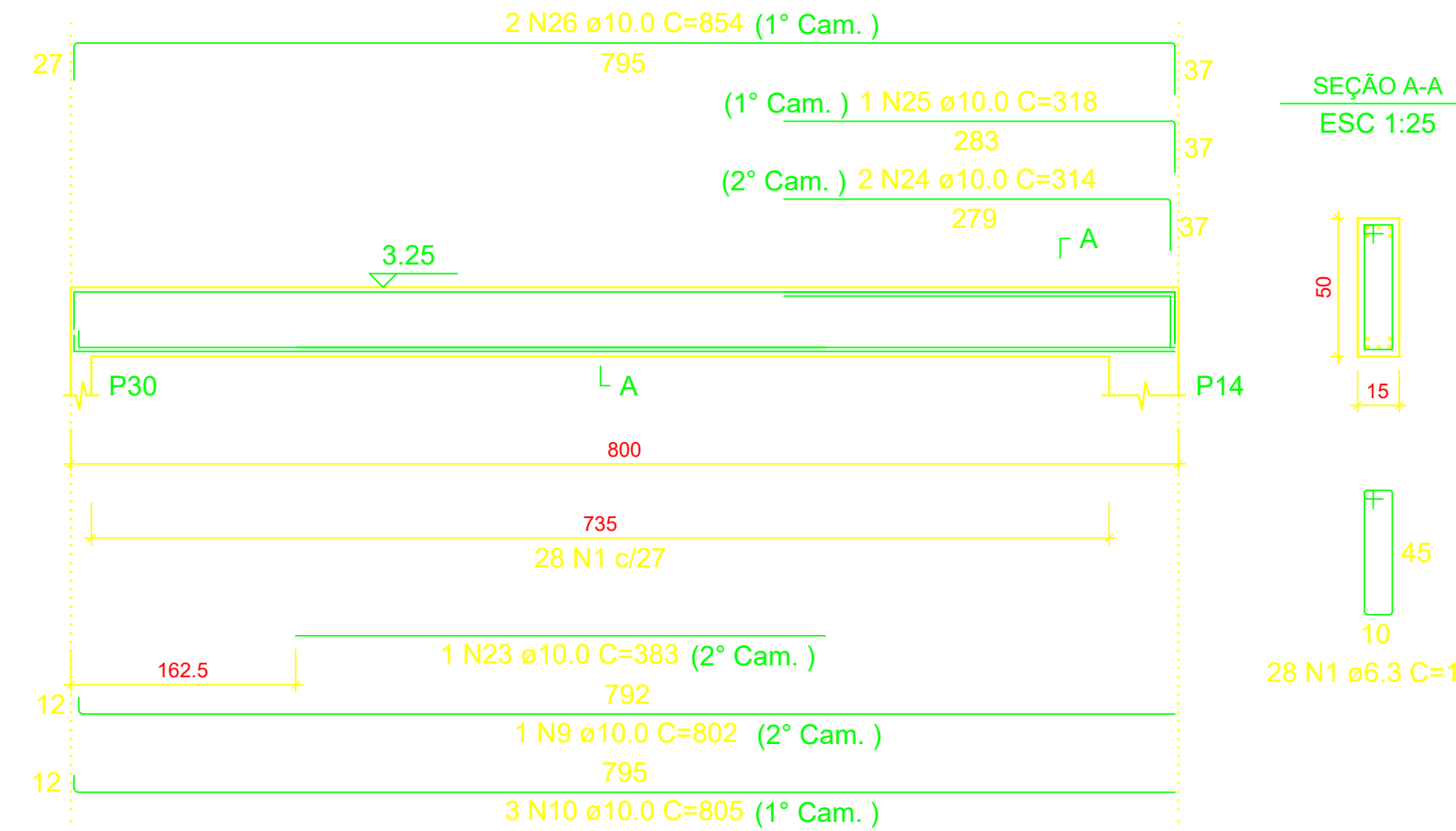
VF26
ESC 1:50



VF21
ESC 1:50



VF24
ESC 1:50



RELAÇÃO DO AÇO

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA50	1	6.3	195	122	23790
	2	6.3	34	152	5168
	3	8.0	1	345	345
	4	8.0	7	795	5565
	5	8.0	2	365	730
	6	8.0	1	390	390
	7	8.0	2	830	1660
	8	10.0	3	388	1164
	9	10.0	5	802	4010
	10	10.0	15	805	12075
	11	10.0	2	308	616
	12	10.0	1	312	312
	13	10.0	2	853	1706
	14	10.0	1	344	344
	15	10.0	1	854	854
	16	10.0	3	861	2583
	17	10.0	2	308	616
	18	10.0	1	312	312
	19	10.0	2	853	1706
	20	10.0	2	314	628
	21	10.0	1	318	318
	22	10.0	2	854	1708
	23	10.0	2	383	766
	24	10.0	2	314	628
	25	10.0	1	318	318
	26	10.0	2	854	1708
	27	10.0	2	309	618
	28	10.0	1	313	313
	29	10.0	2	854	1708
	30	10.0	1	325	325
	31	10.0	1	329	329
	32	10.0	2	900	1800
	33	12.5	2	340	680
	34	12.5	3	870	2610

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 10% (Barras)	PESO + 10% (kg)
CA50	6.3	289.6	27	77.9
	8.0	86.9	8	37.7
	10.0	374.7	35	254.1
	12.5	32.9	4	34.9
PESO TOTAL (kg)				
CA50		404.6		

Volume de concreto (C-25) = 5.43 m³
Área de forma = 75.20 m²

PROJETO		RESPONSÁVEL TÉCNICO	
		Eng. Mano 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		60	
ESCALA	INDICADA	REVISÃO	ARQUIVO
R00		R00	FAPEPE-FMSRS-ESC-PE-EST-R00 - NV.DWG