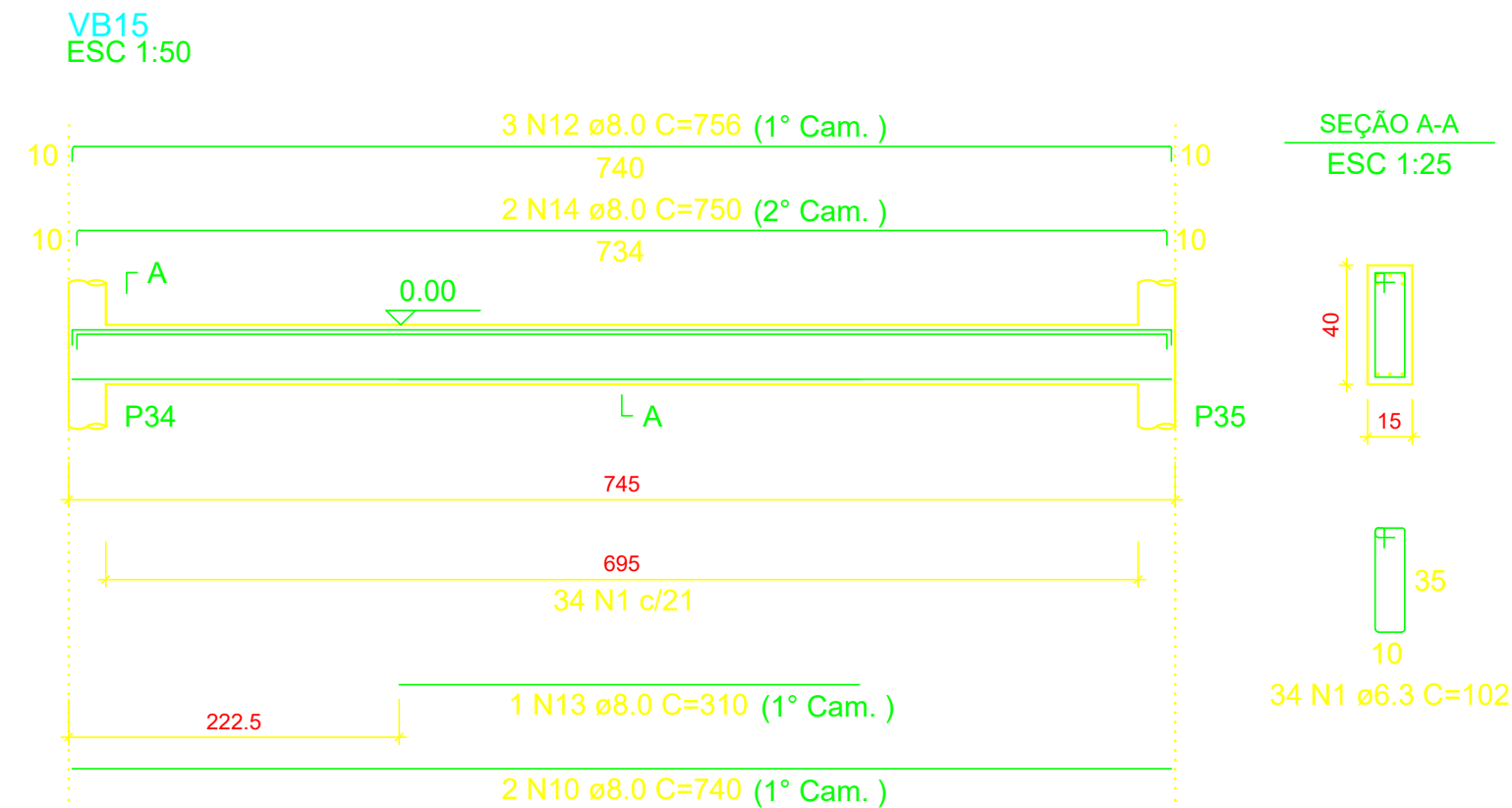
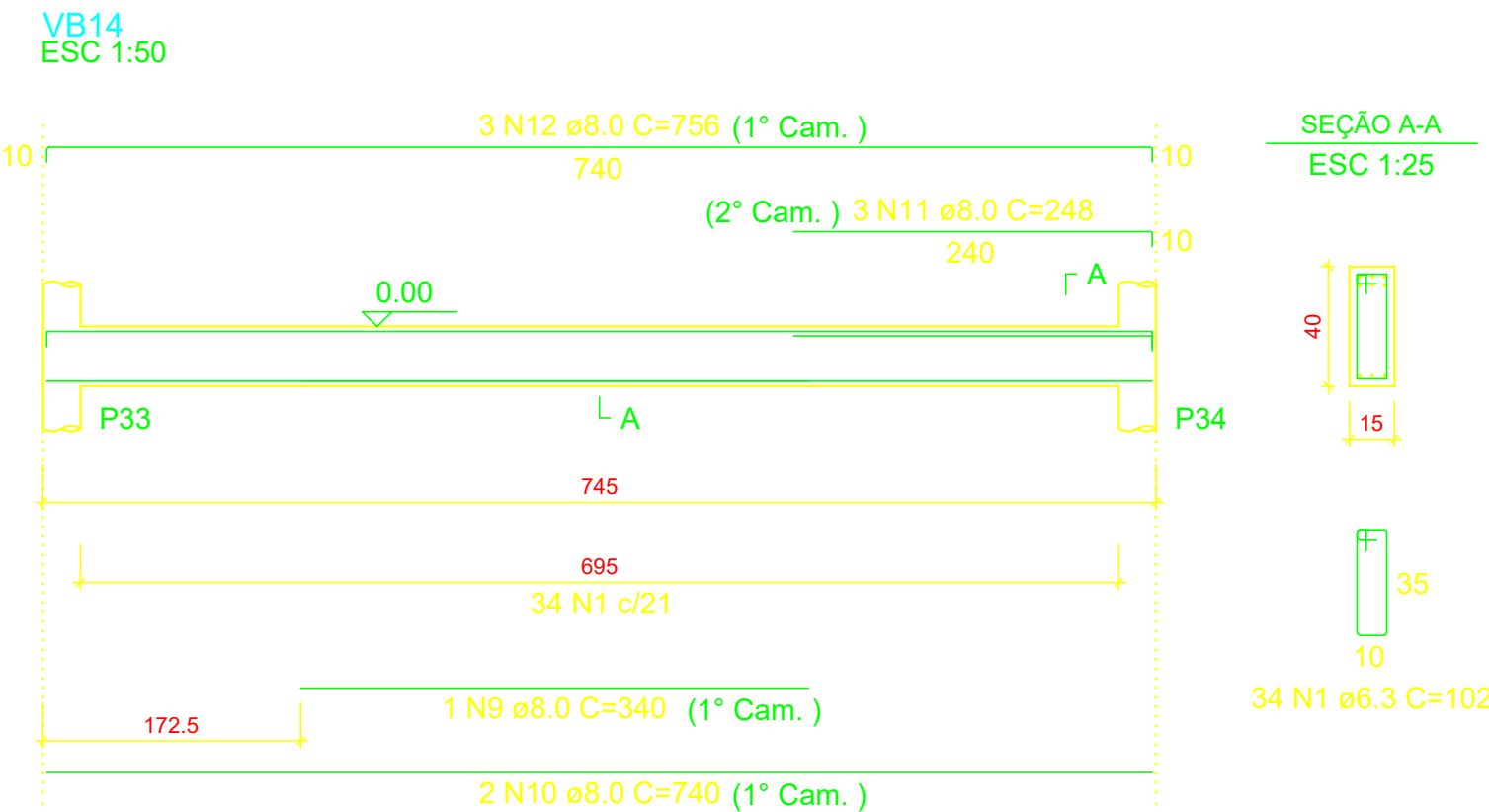
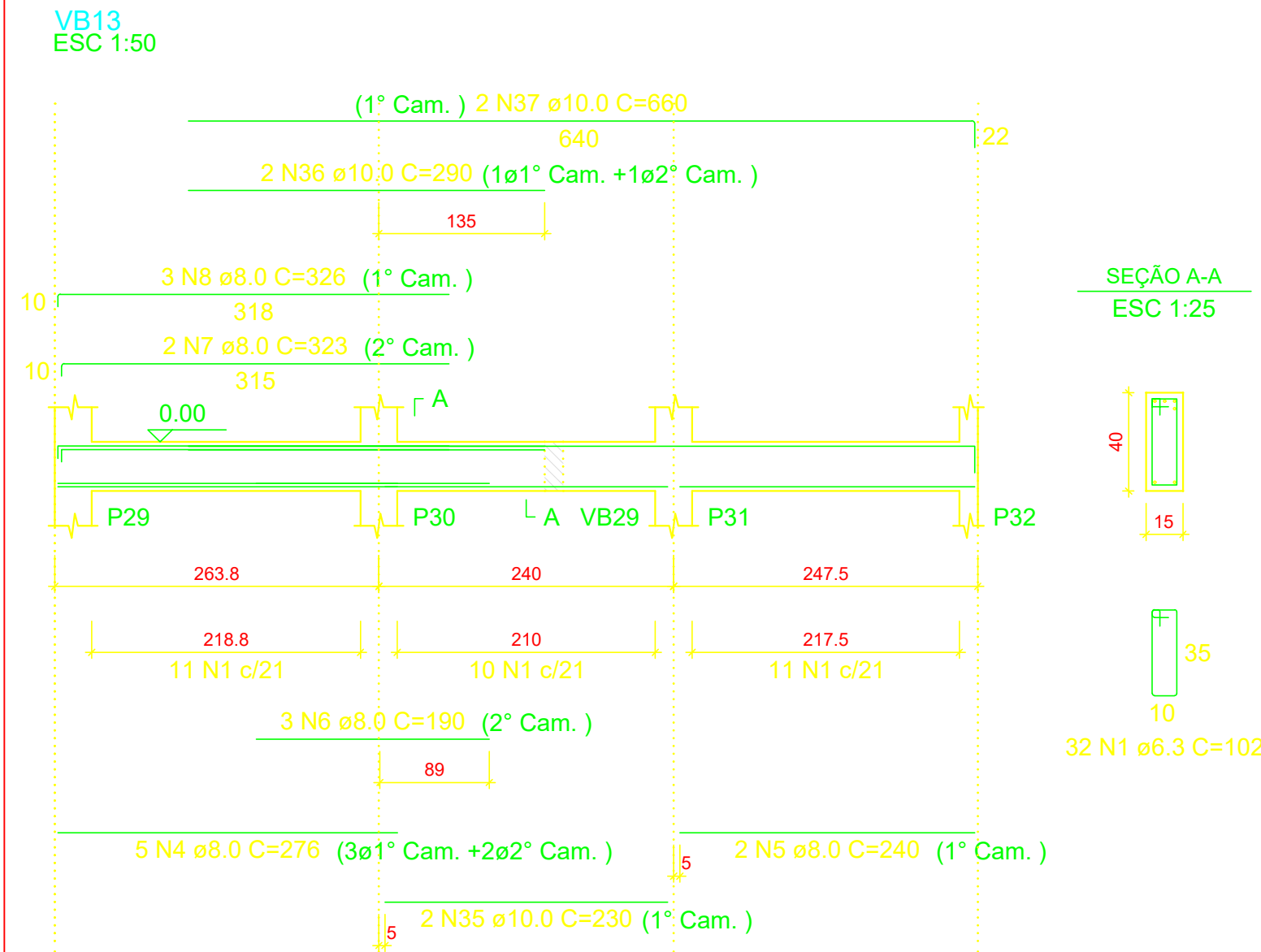
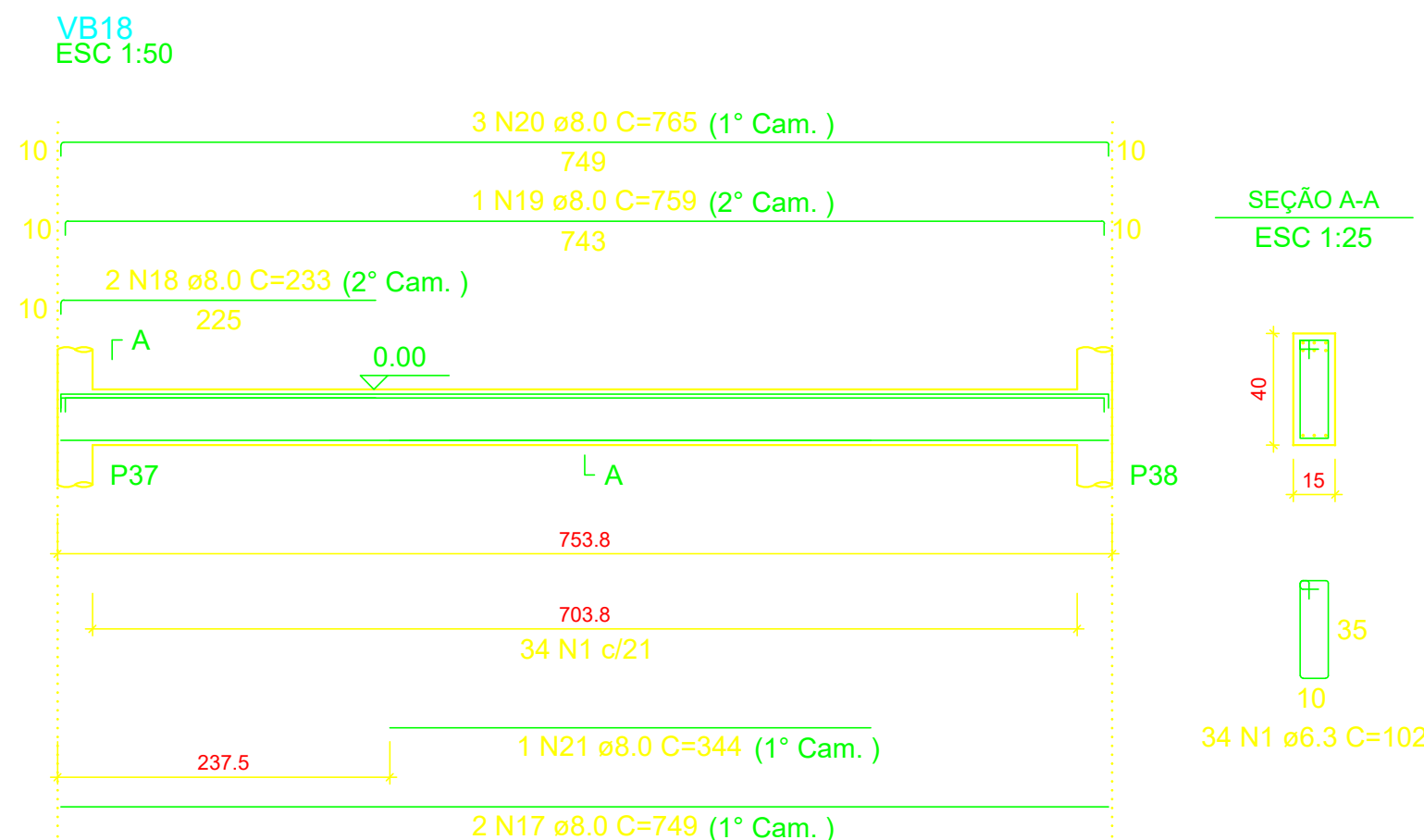
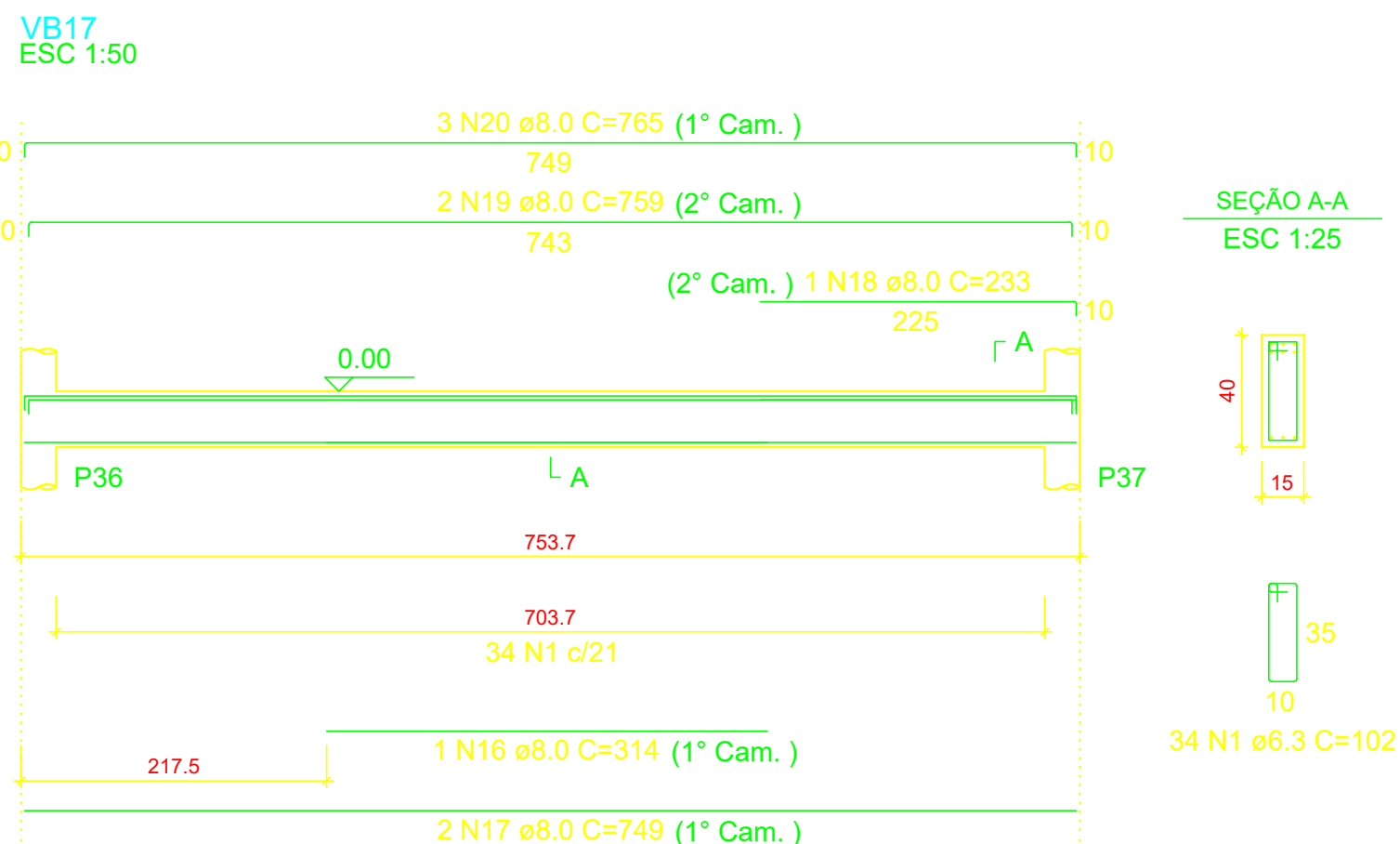
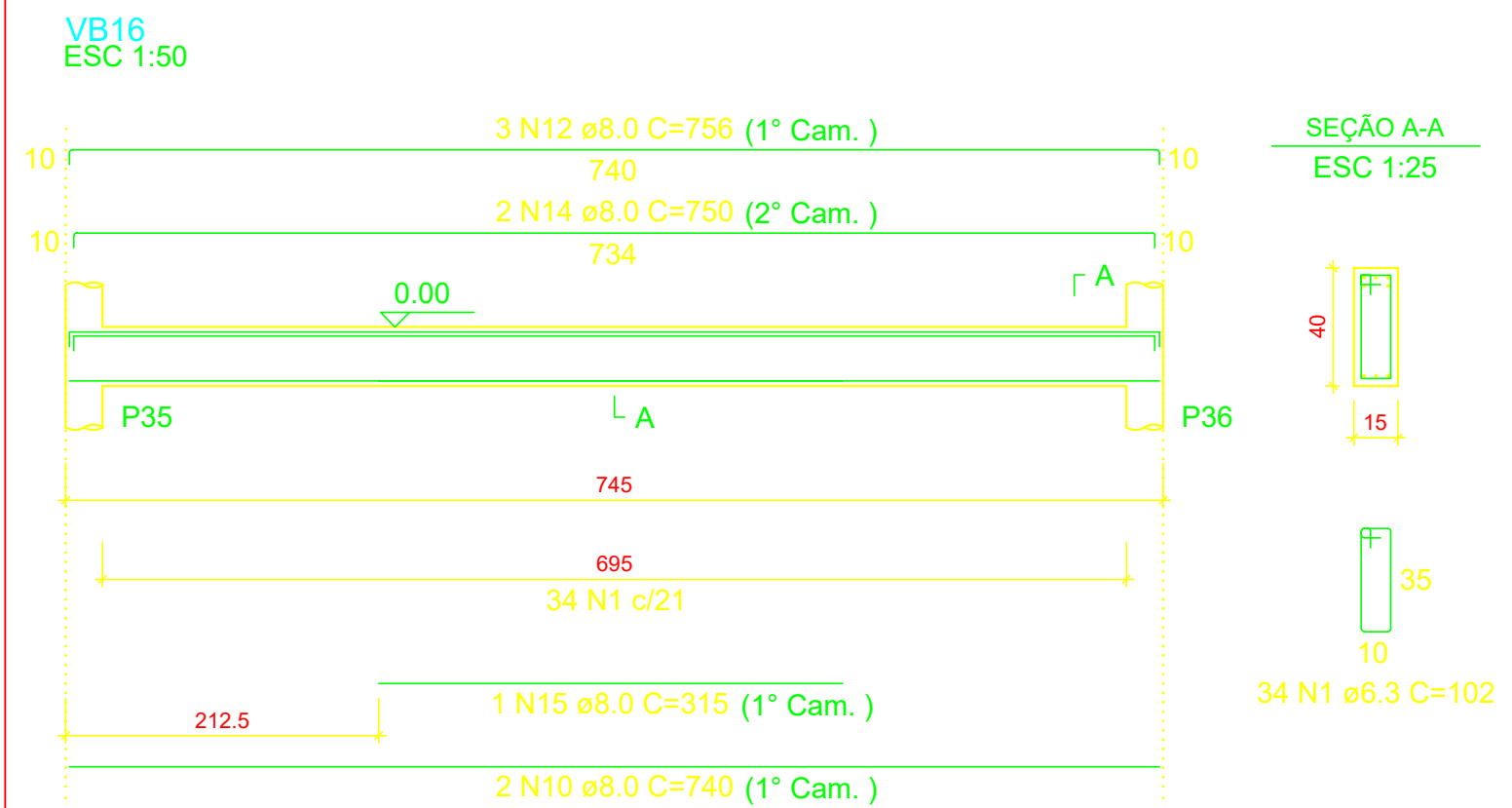




RELAÇÃO DO AÇO											
VB13	VB14	VB15	VB16	VB17	VB18	VB19	VB20	VB21	VB22	VB23	VB24

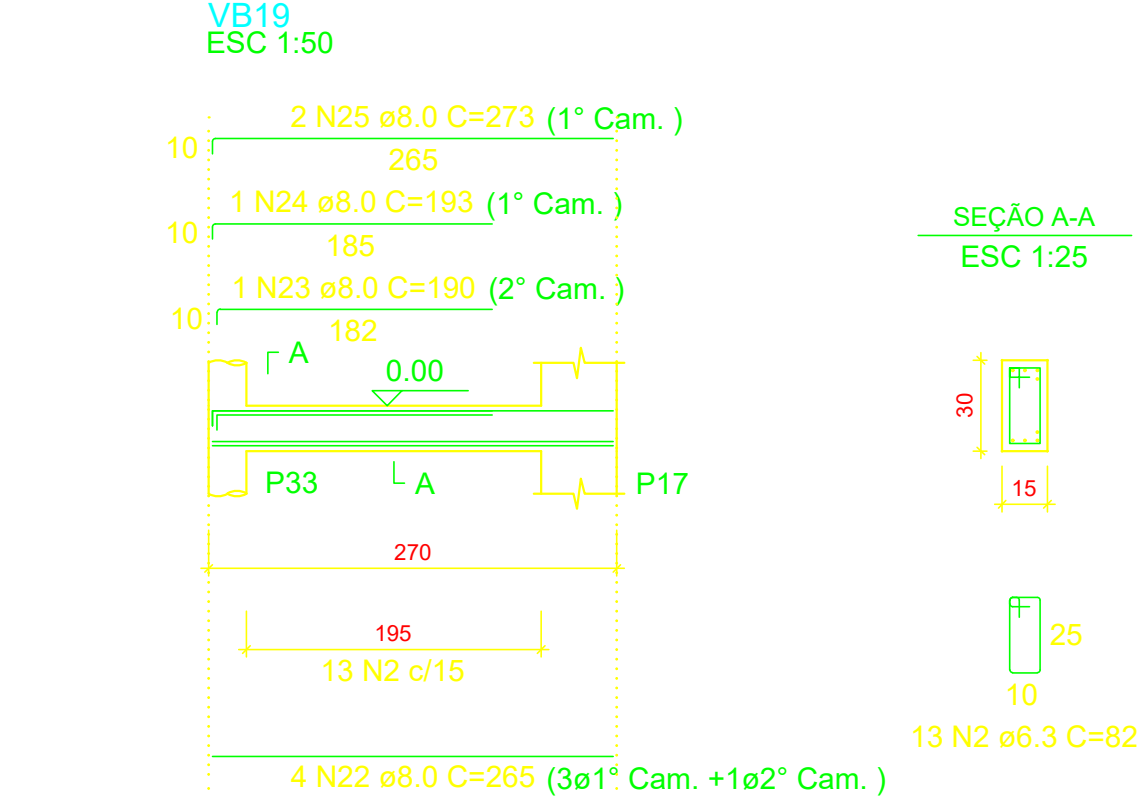
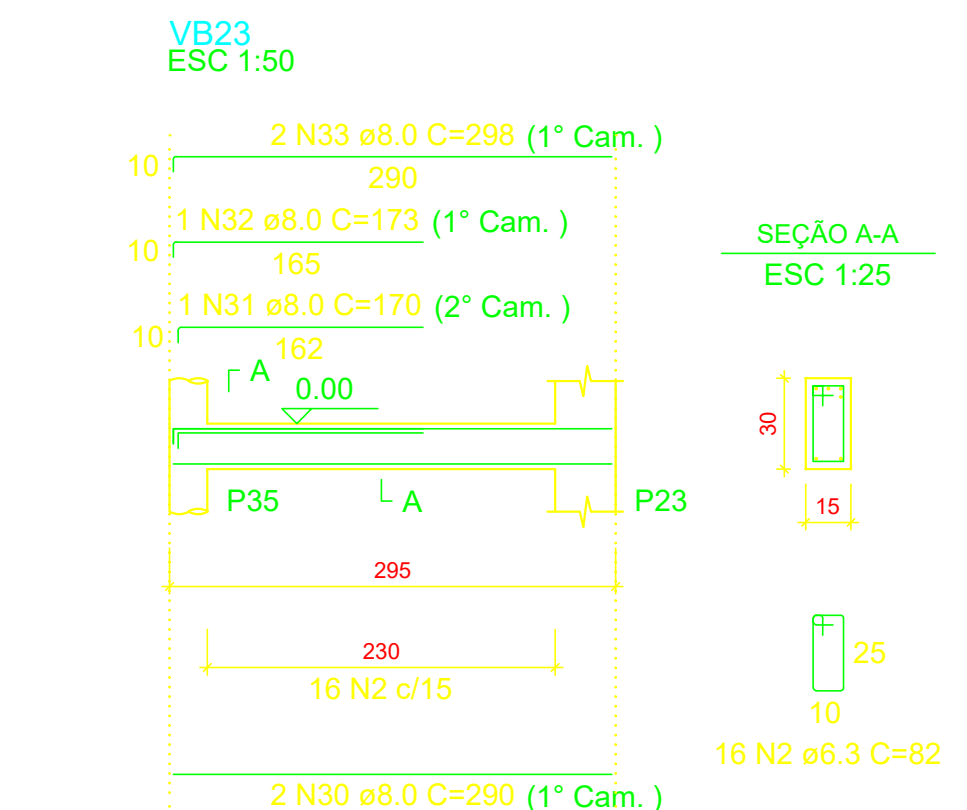
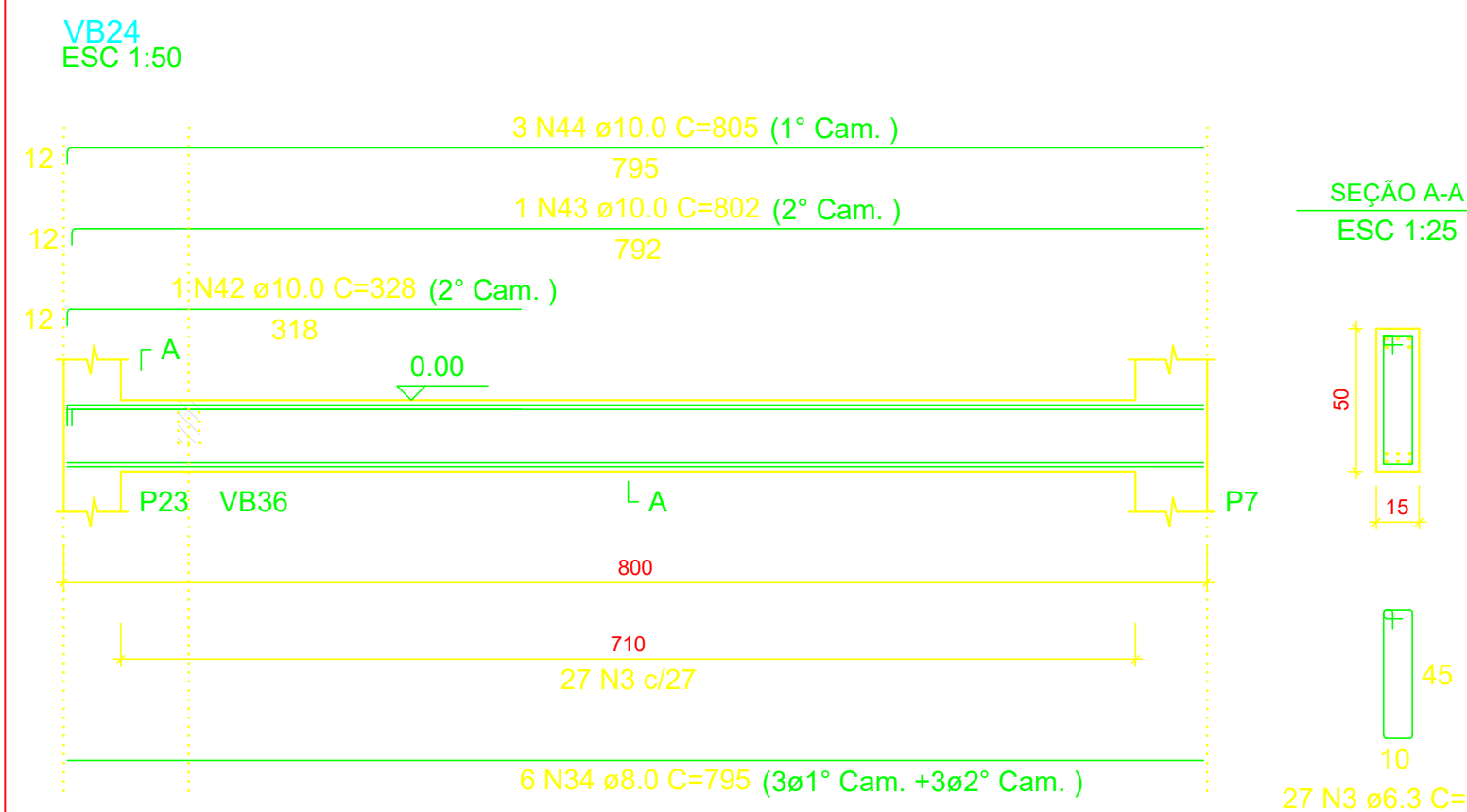
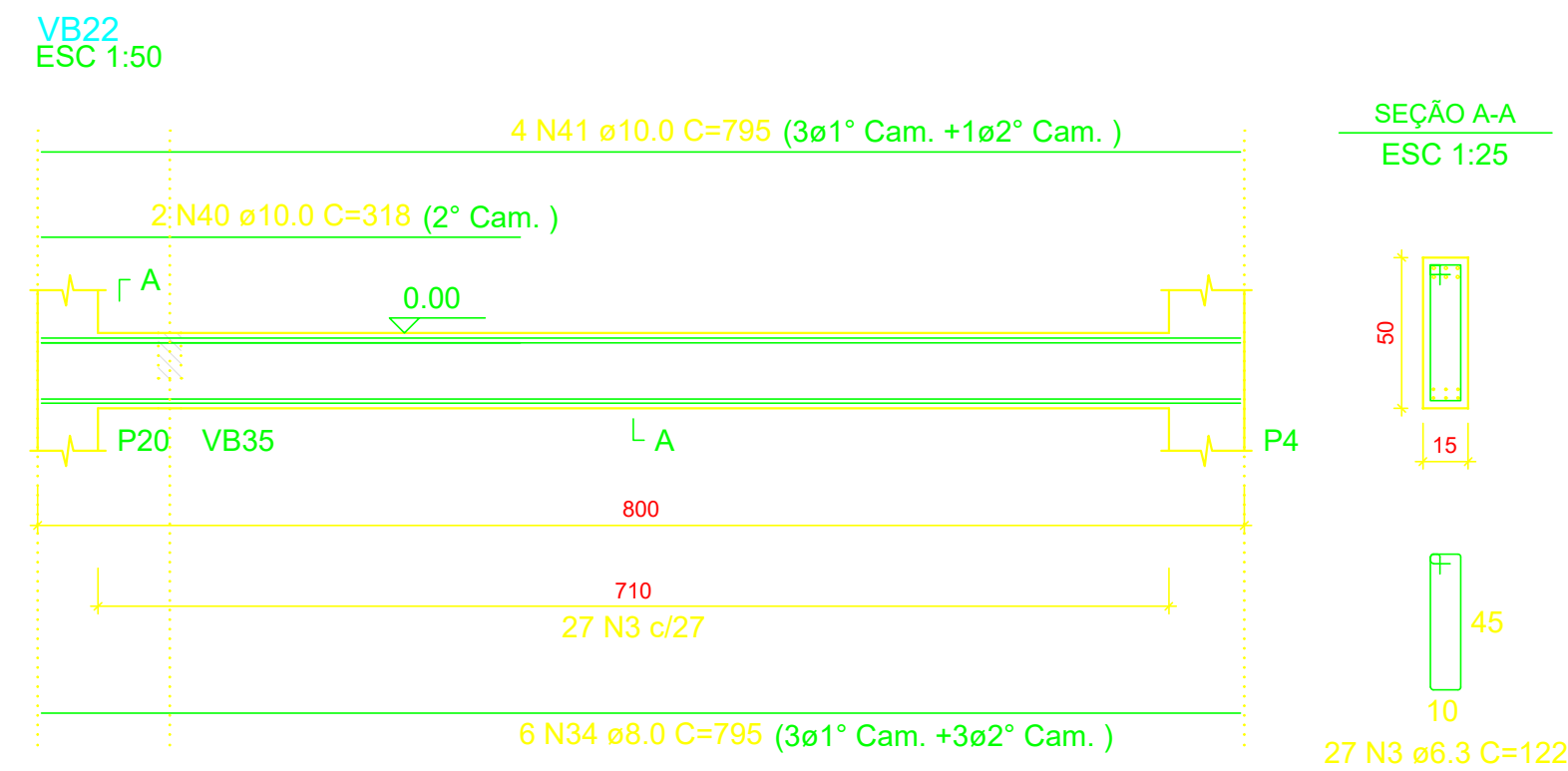
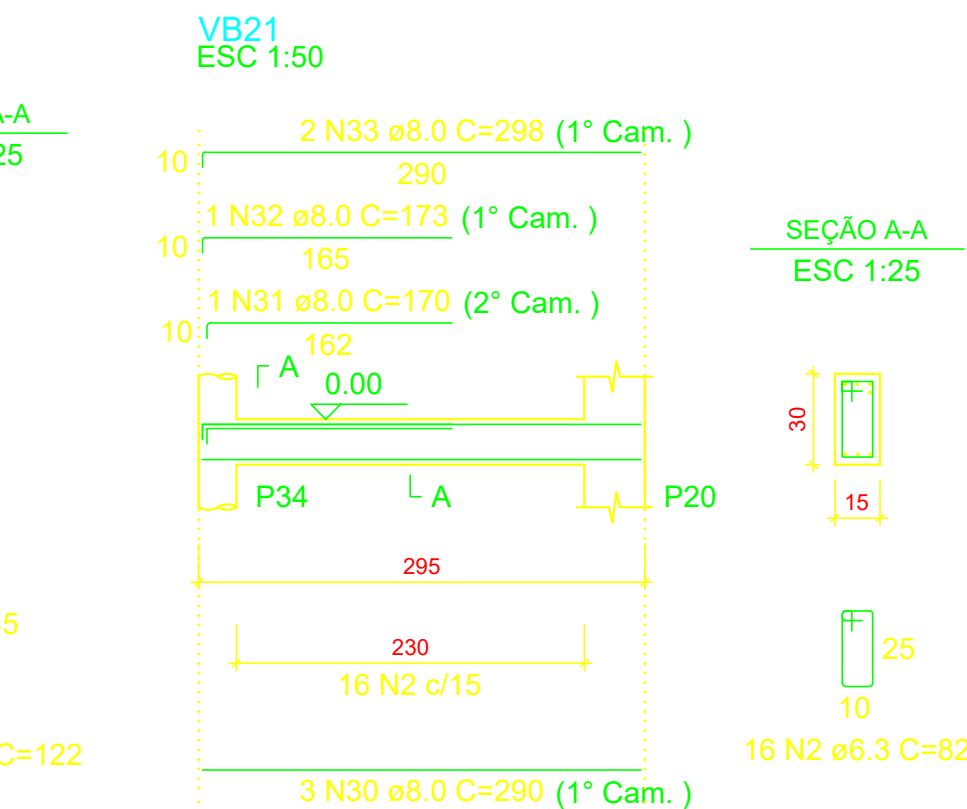
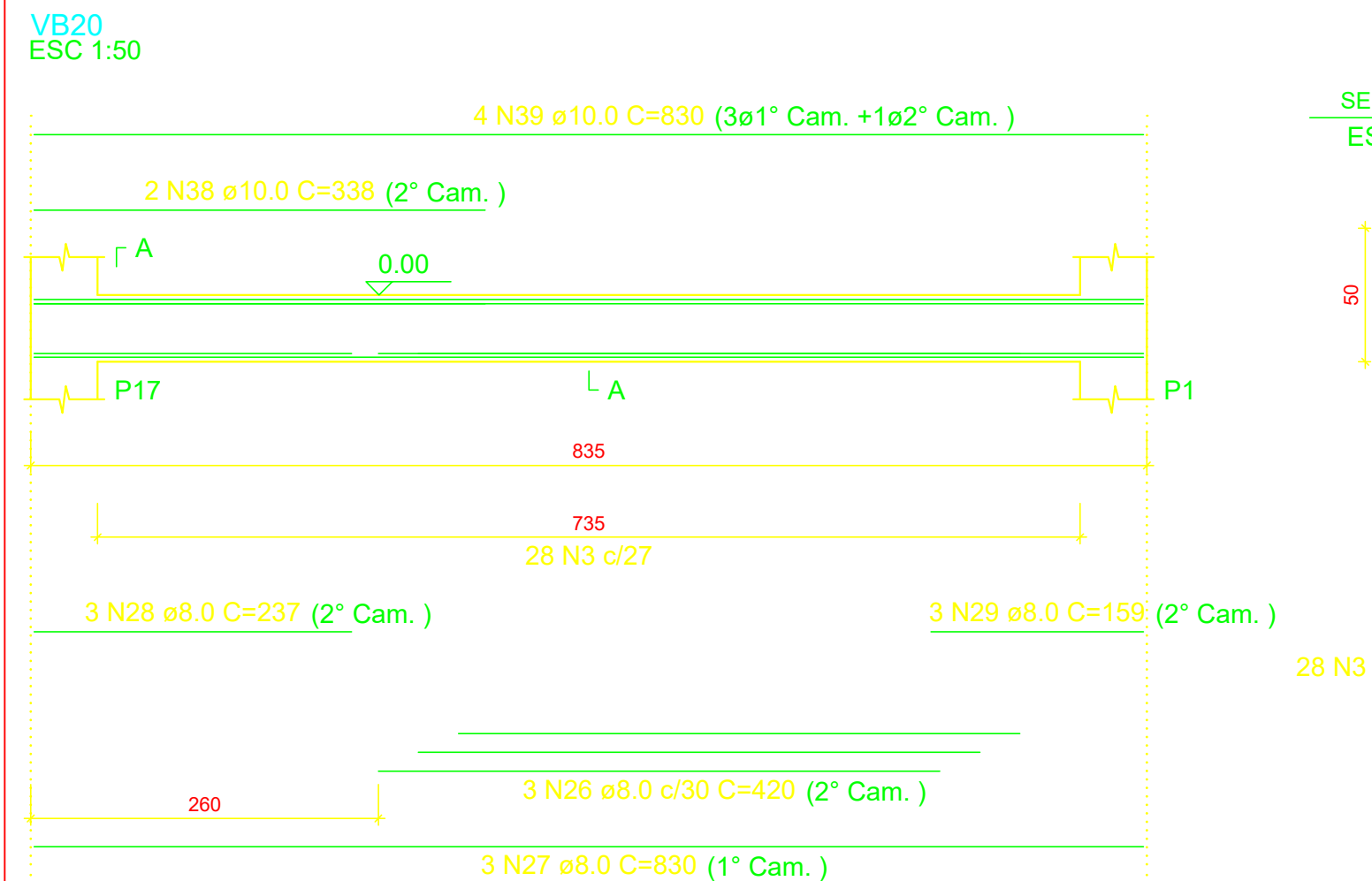
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA50	1	6.3	202	102	20804
	2	6.3	45	82	3690
	3	6.3	82	122	10004
	4	8.0	5	276	1380
	5	8.0	2	240	480
	6	8.0	3	190	570
	7	8.0	2	323	646
	8	8.0	3	326	978
	9	8.0	1	340	340
	10	8.0	6	740	4440
	11	8.0	3	248	744
	12	8.0	9	756	6804
	13	8.0	1	310	310
	14	8.0	4	750	3000
	15	8.0	1	315	315
	16	8.0	1	314	314
	17	8.0	4	749	2996
	18	8.0	3	233	699
	19	8.0	3	759	2277
	20	8.0	6	765	4590
	21	8.0	1	344	344
	22	8.0	4	265	1060
	23	8.0	1	190	190
	24	8.0	1	193	193
	25	8.0	2	273	546
	26	8.0	3	420	1260
	27	8.0	3	830	2490
	28	8.0	3	237	711
	29	8.0	3	159	477
	30	8.0	5	290	1450
	31	8.0	2	170	340
	32	8.0	2	173	346
	33	8.0	4	298	1192
	34	8.0	12	795	9540
	35	10.0	2	230	460
	36	10.0	2	290	580
	37	10.0	2	660	1320
	38	10.0	2	338	676
	39	10.0	4	830	3320
	40	10.0	2	318	636
	41	10.0	4	795	3180
	42	10.0	1	328	328
	43	10.0	1	802	802
	44	10.0	3	805	2415



RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 10% (Barras)	PESO + 10% (kg)
CA50	6.3	343	32	92.3
	8.0	510.2	47	221.5
	10.0	137.2	13	93
PESO TOTAL (kg)		406.8		

Volume de concreto (C-25) = 4.91 m³
Área de forma = 77.14 m²



PROJETO	RESPONSÁVEL TÉCNICO
	Eng. Mano Marques Ribeiro CREA: MG 48900/D
CLIENTE	
DISCIPLINA	
EXECUTIVO	
FOLHA Nº	
56	
EMPREENDIMENTO	IMPLANTAÇÃO DA ESCOLA NOVA
ENDEREÇO	RUA 06, S/N - B. Luiz Rennó Mendes. SANTA RITA DO SAPUCAÍ - MINAS GERAIS
ASSUNTO	BLOCO F DETALHAMENTO DA ARMAÇÃO DAS VIGAS BALDRAME PLANTA BAIXA, CORTES E DETALHES
DATA INICIAL	17/10/2019
ESCALA	INDICADA
REVISÃO	R00
ARQUIVO	FAPEPE-FMSRS-ESC-PE-EST-R00 - NV.DWG