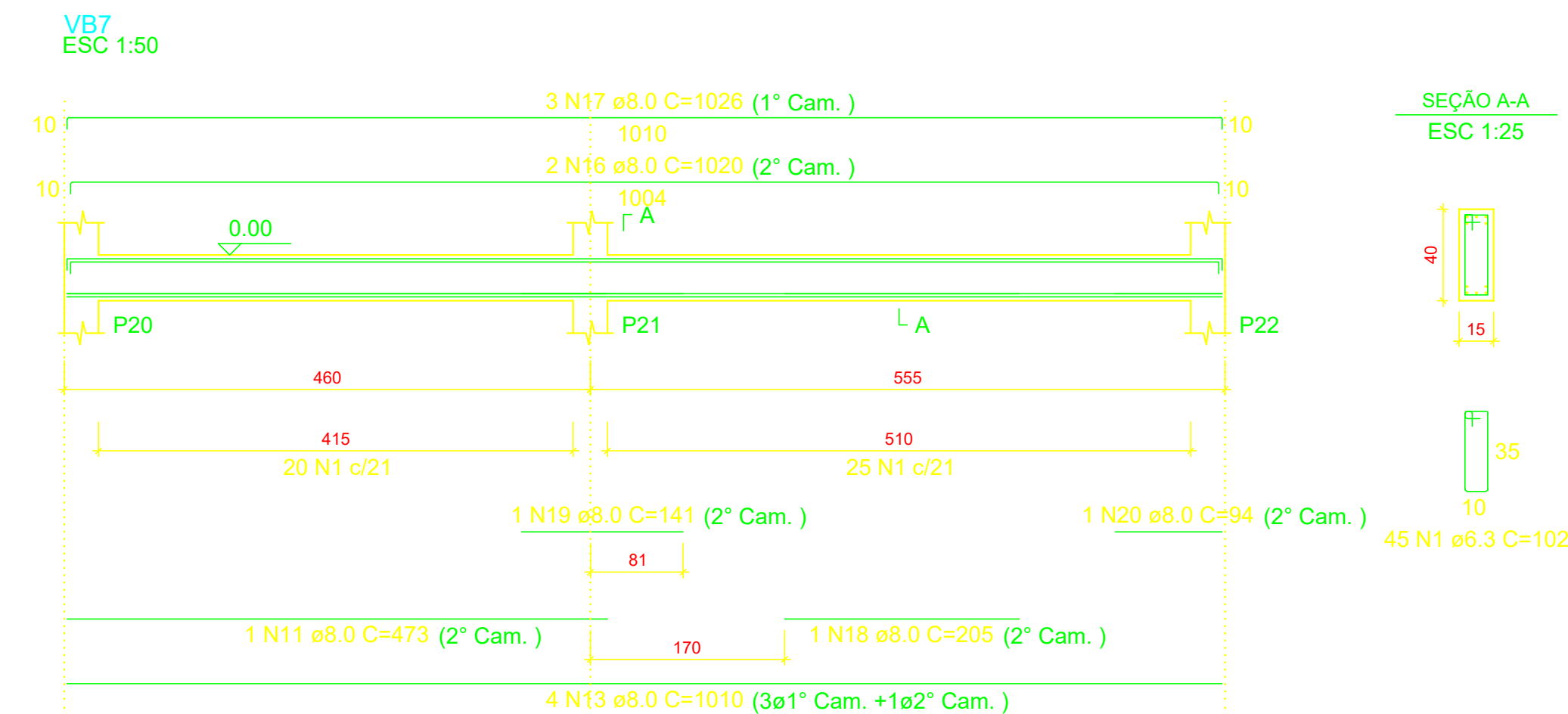
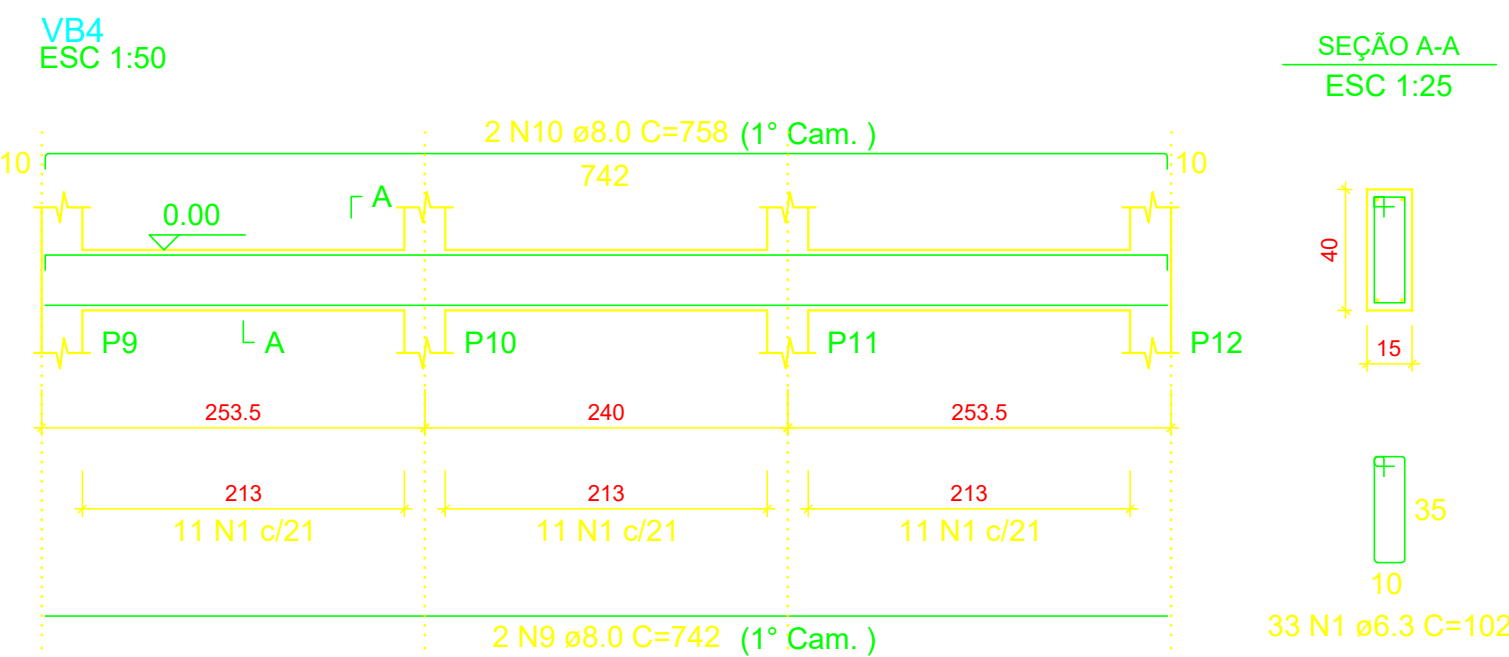
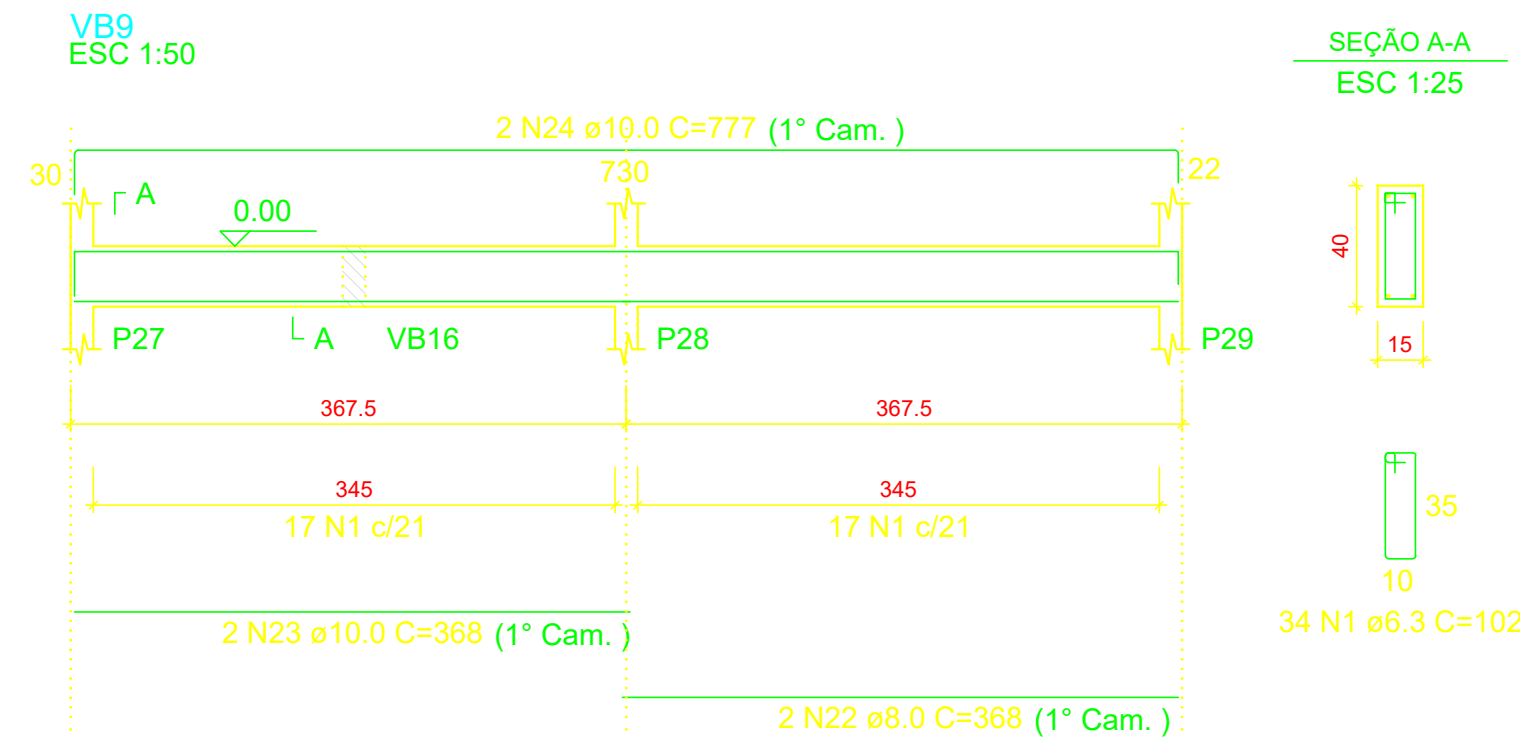
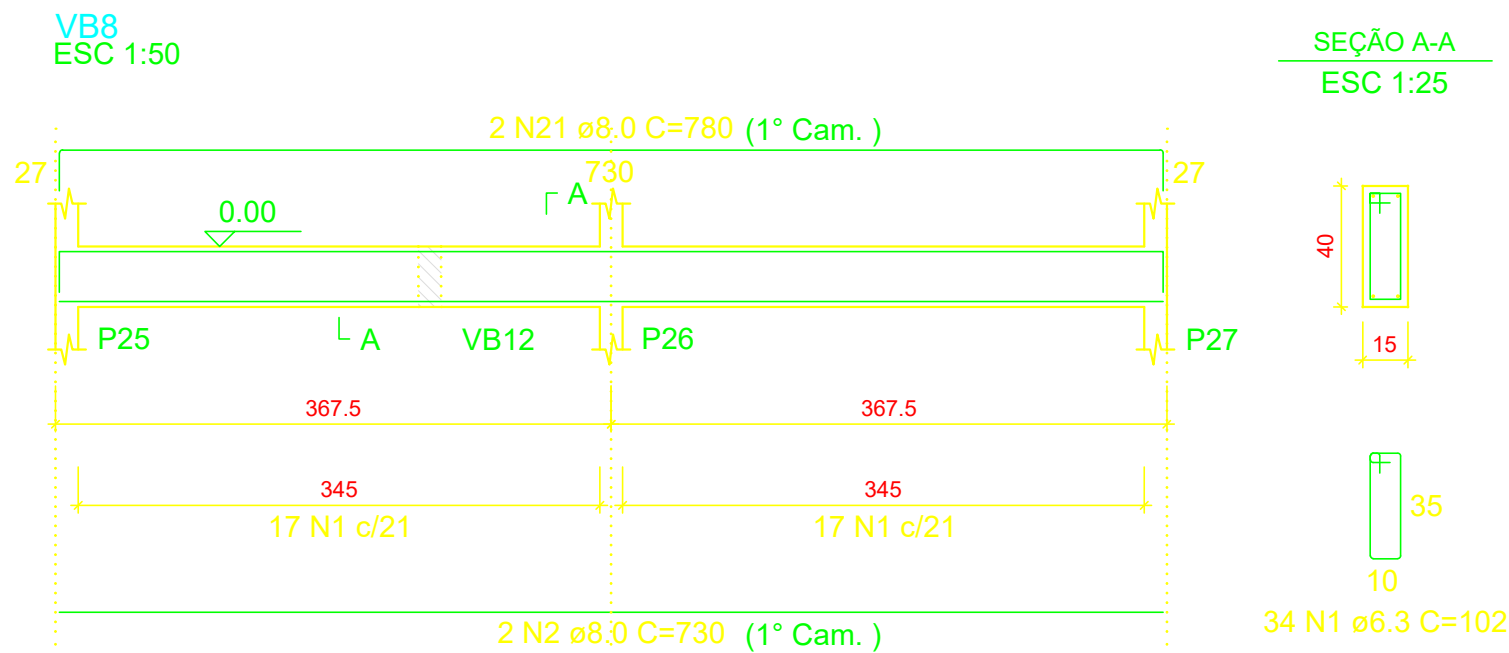
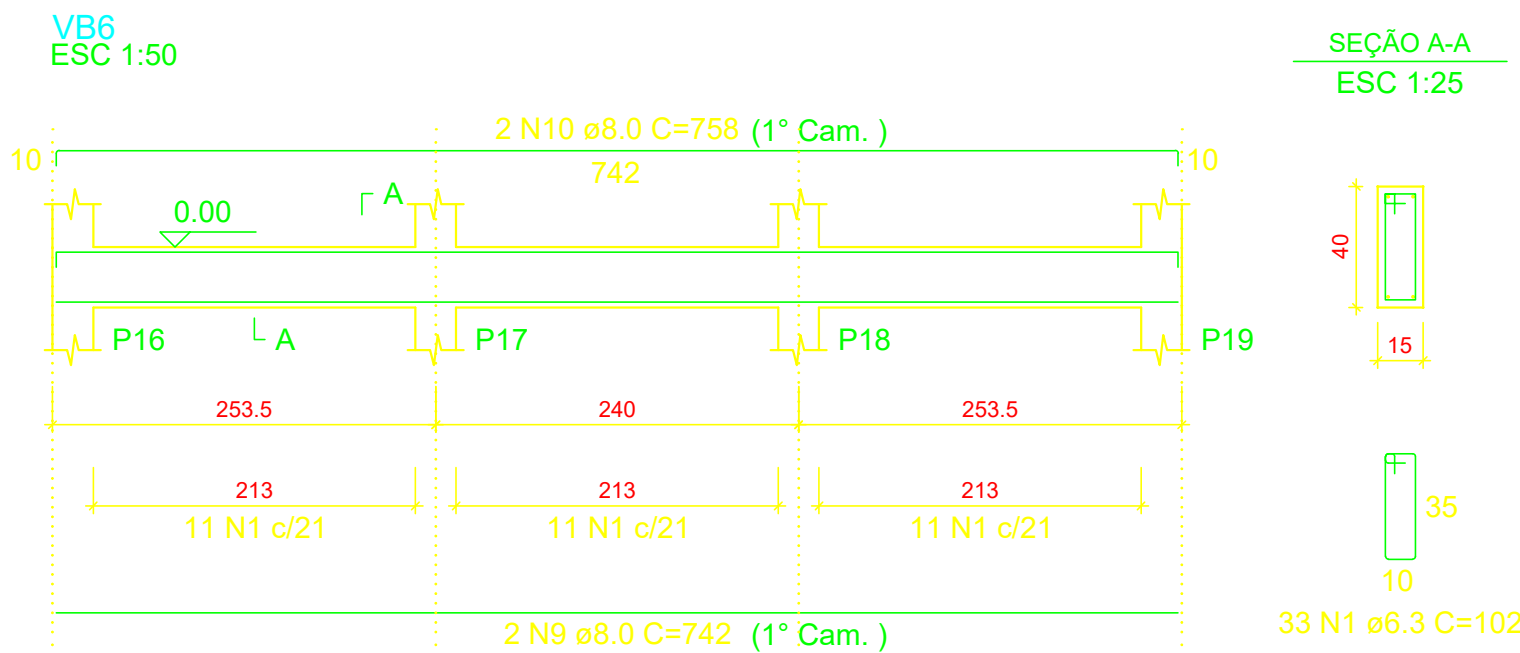
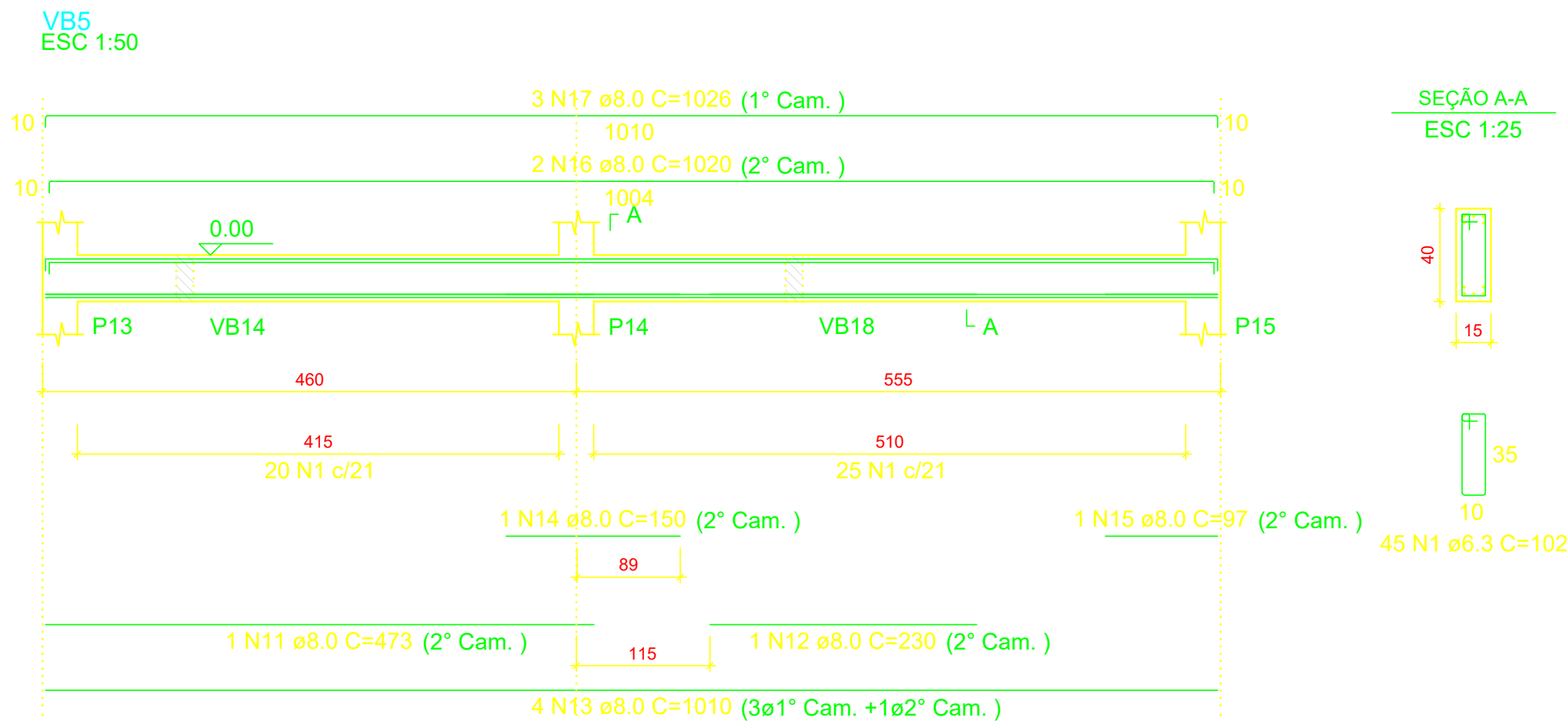
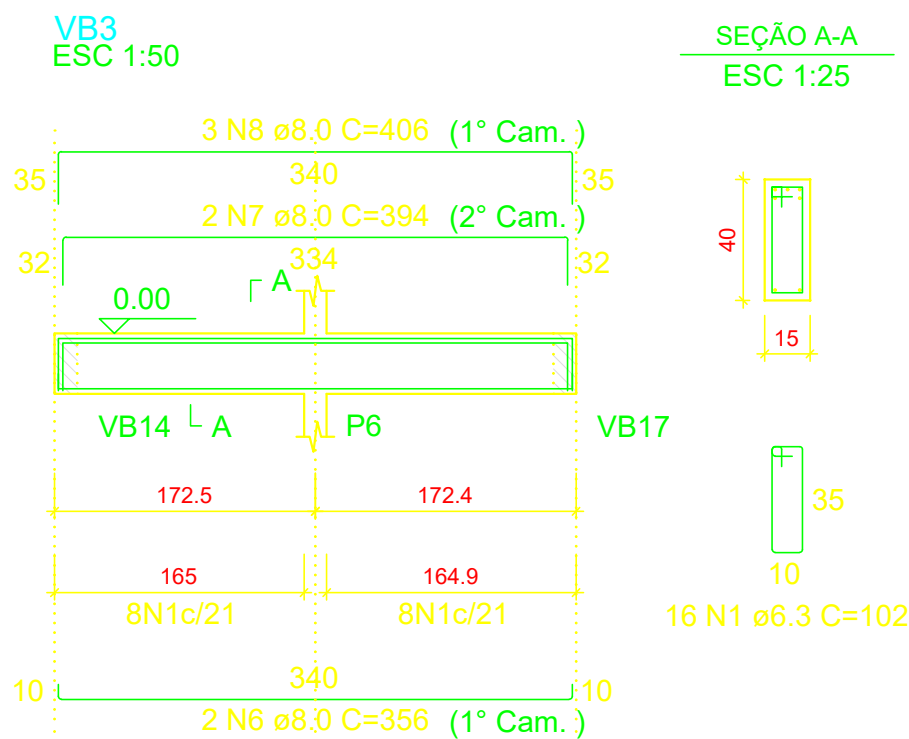
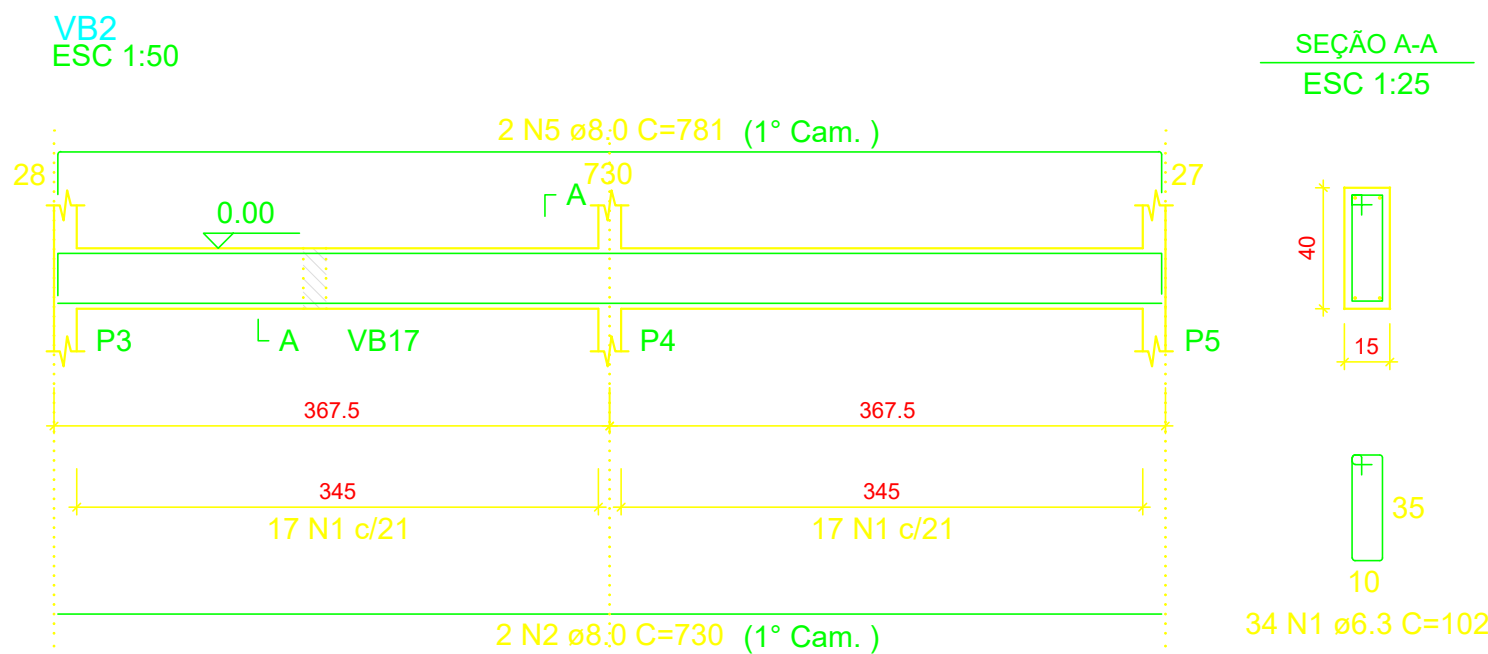
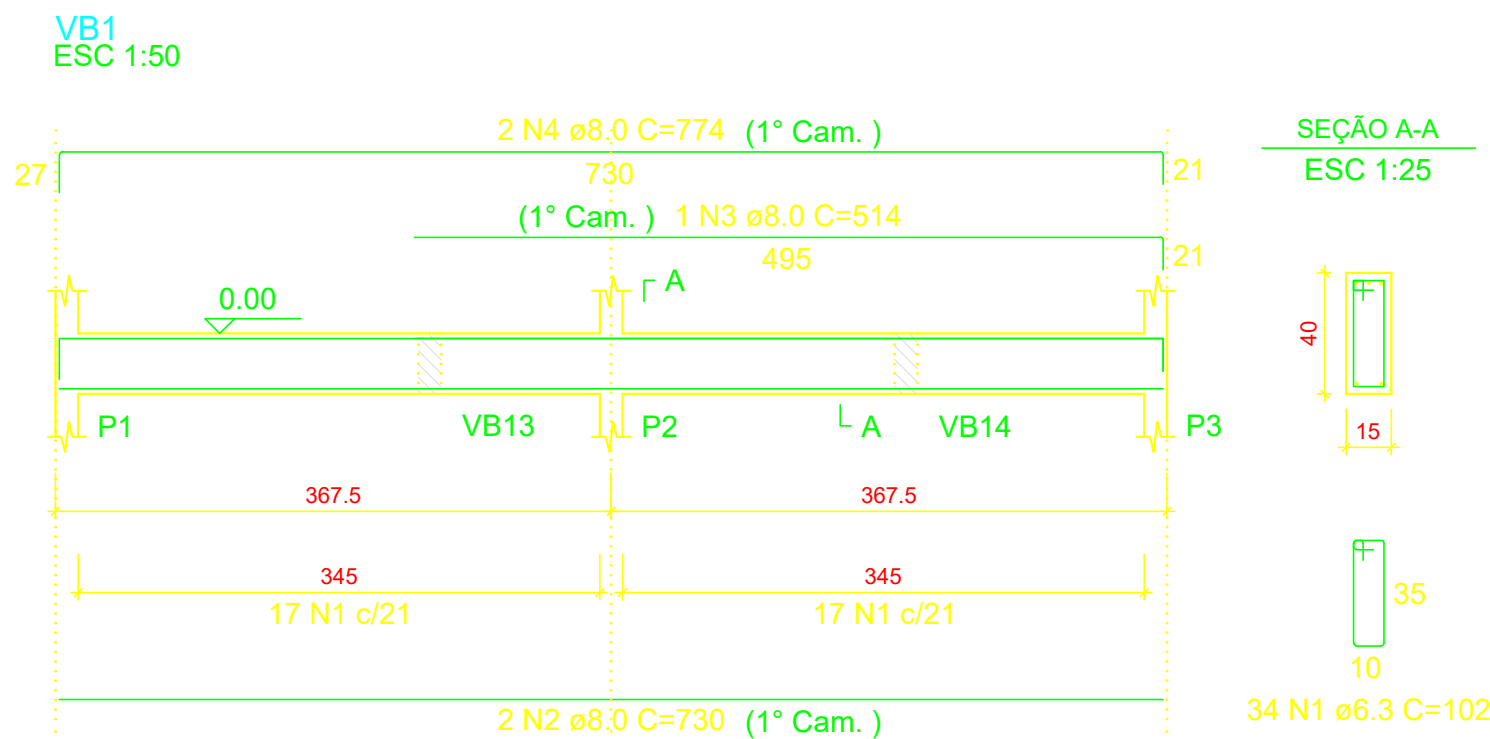




RELAÇÃO DO AÇO

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA50	1	6.3	308	102	31416
	2	8.0	6	730	4380
	3	8.0	1	514	514
	4	8.0	2	774	1548
	5	8.0	2	781	1562
	6	8.0	2	356	712
	7	8.0	2	394	788
	8	8.0	3	406	1218
	9	8.0	4	742	2968
	10	8.0	4	758	3032
	11	8.0	2	473	946
	12	8.0	1	230	230
	13	8.0	8	1010	8080
	14	8.0	1	150	150
	15	8.0	1	97	97
	16	8.0	4	1020	4080
	17	8.0	6	1026	6156
	18	8.0	1	205	205
	19	8.0	1	141	141
	20	8.0	1	94	94
	21	8.0	2	780	1560
	22	8.0	2	368	736
	23	10.0	2	368	736
	24	10.0	2	777	1554

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 10% (Barras)	PESO + 10% (kg)
CA50	6.3	314.2	29	84.6
	8.0	392	36	170.1
	10.0	22.9	3	15.5
PESO TOTAL (kg)				
CA50	270.2			

Volume de concreto (C-25) = 4.09 m³
Área de forma = 64.68 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	
ED. ADMINISTRATIVO DETALHAMENTO DA ARMAÇÃO DAS VIGAS BALDRAME PLANTA BAIXA, CORTES E DETALHES		EXECUTIVO	
DATA INICIAL		FOLHA Nº	
17/10/2019	ESCALA	REVISÃO	21
INDICADA	R00	ARQUIVO	
FAPEPE-FMSRS-ESC-PE-EST-R00 - NV.DWG			