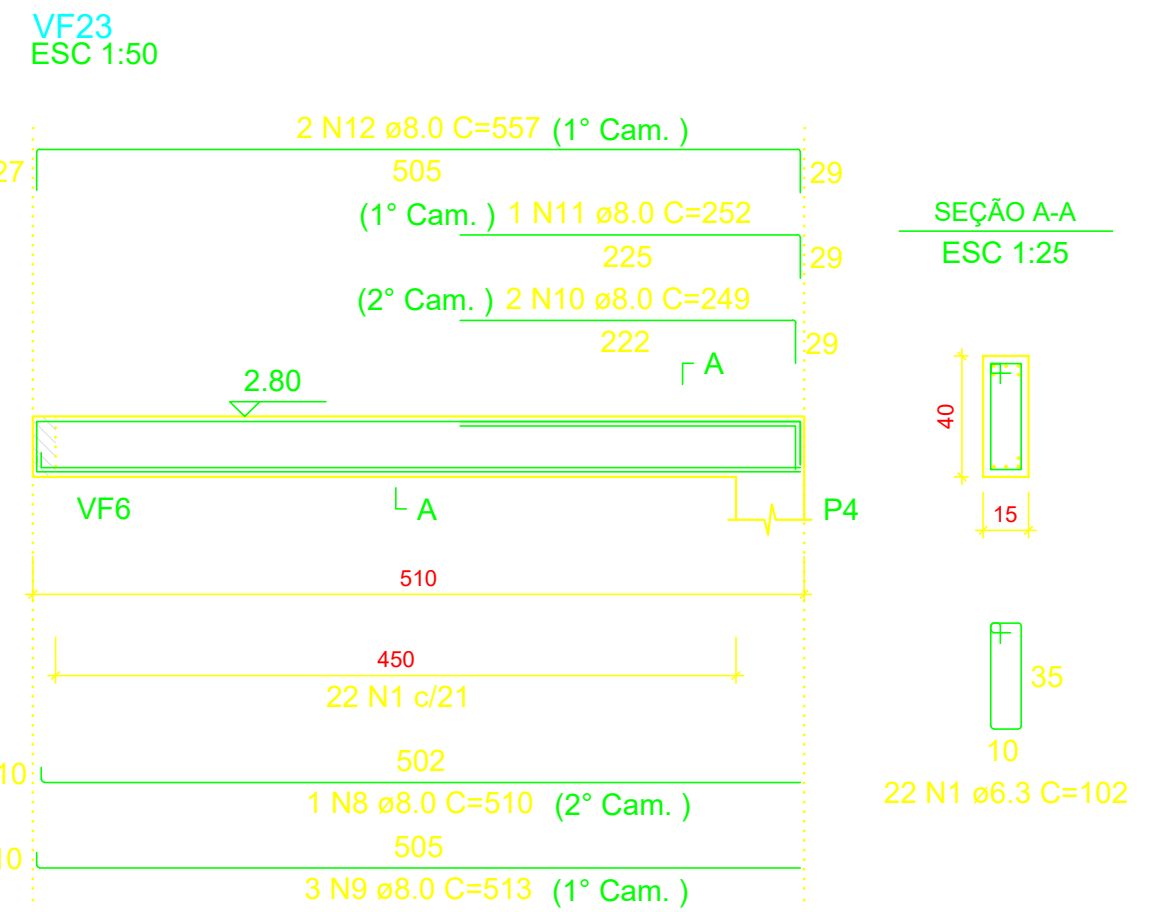
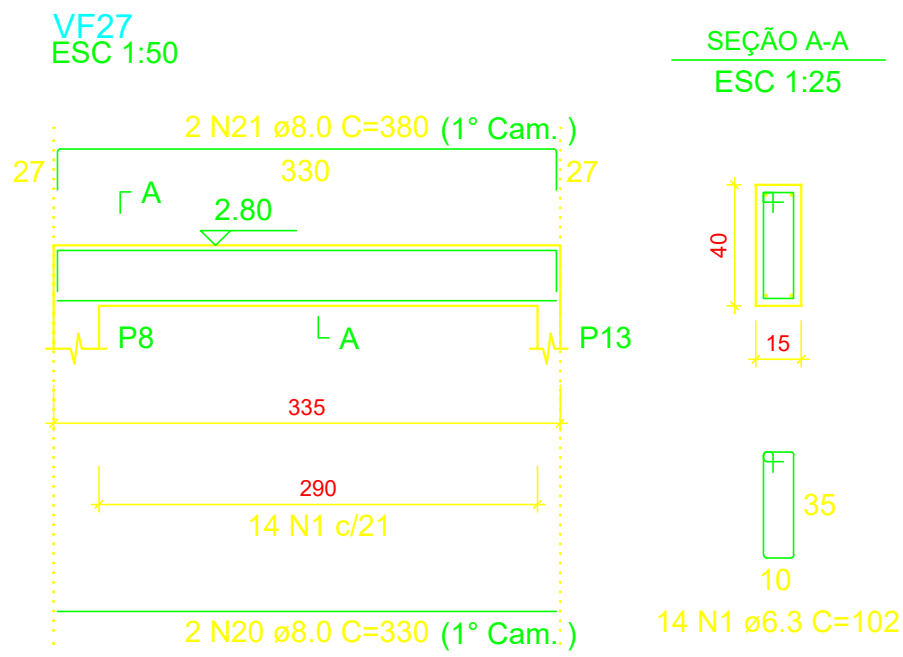
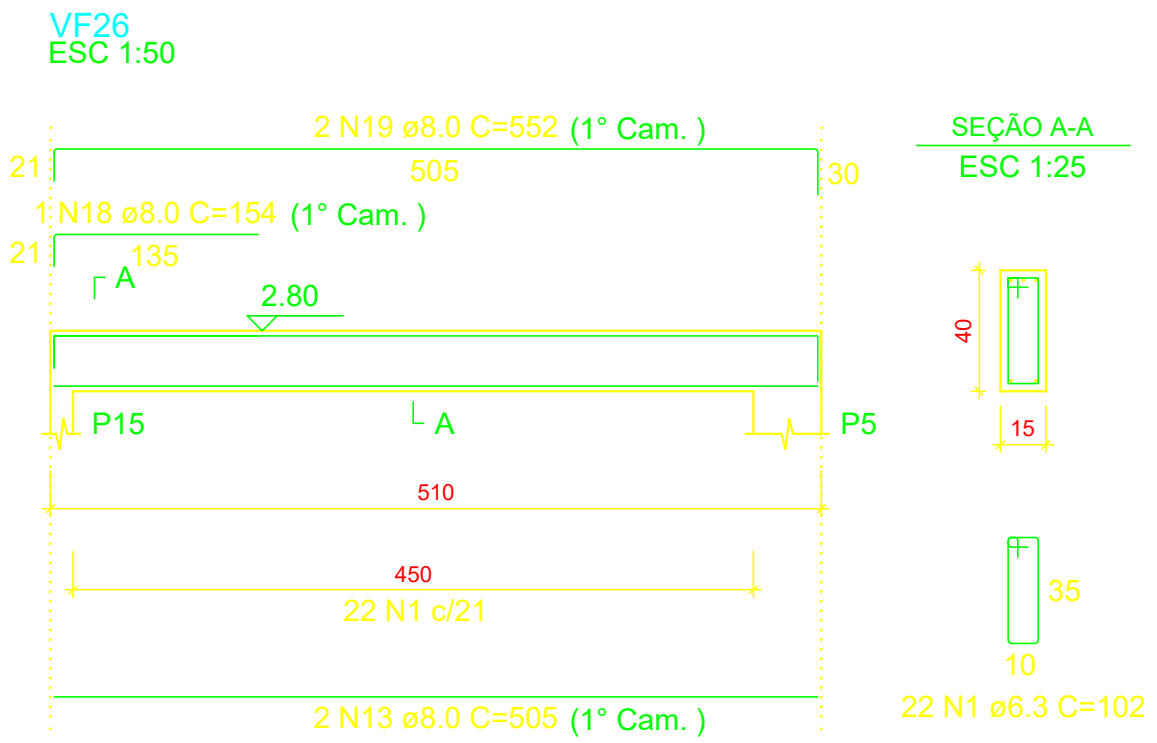
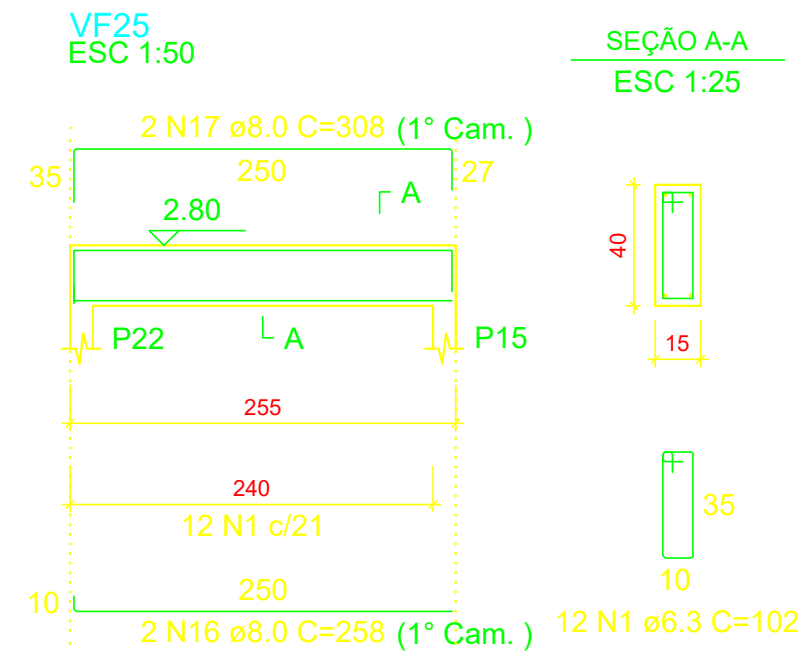
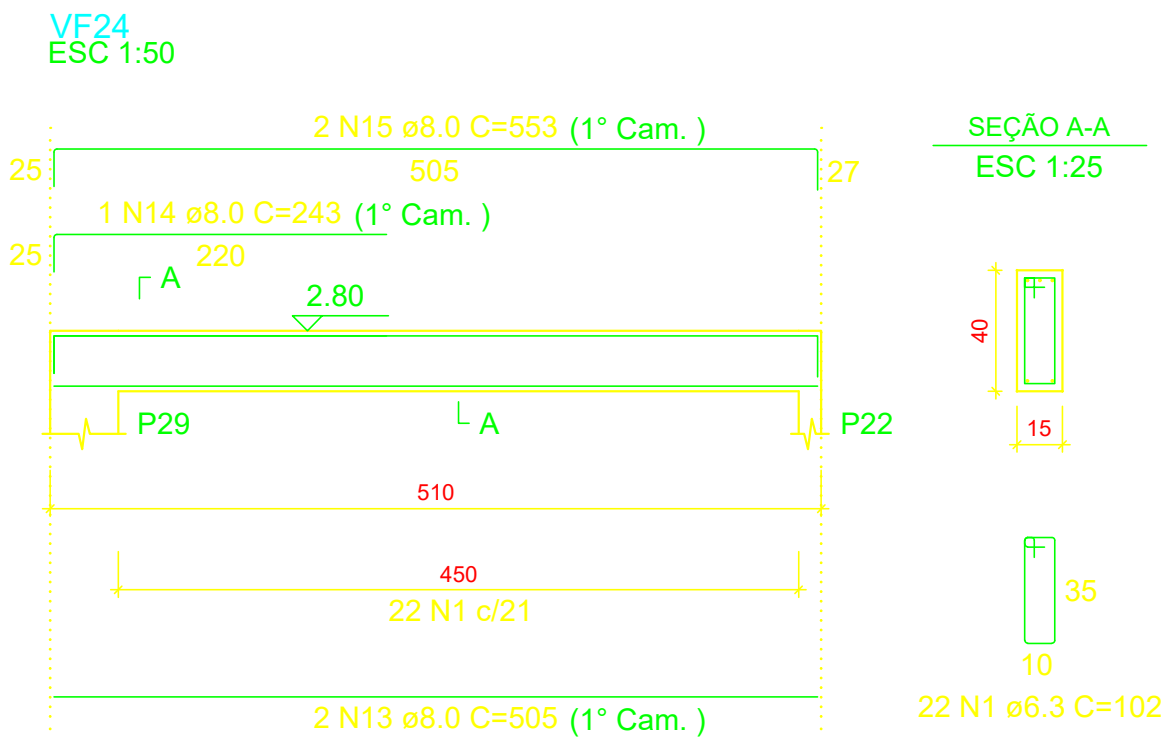
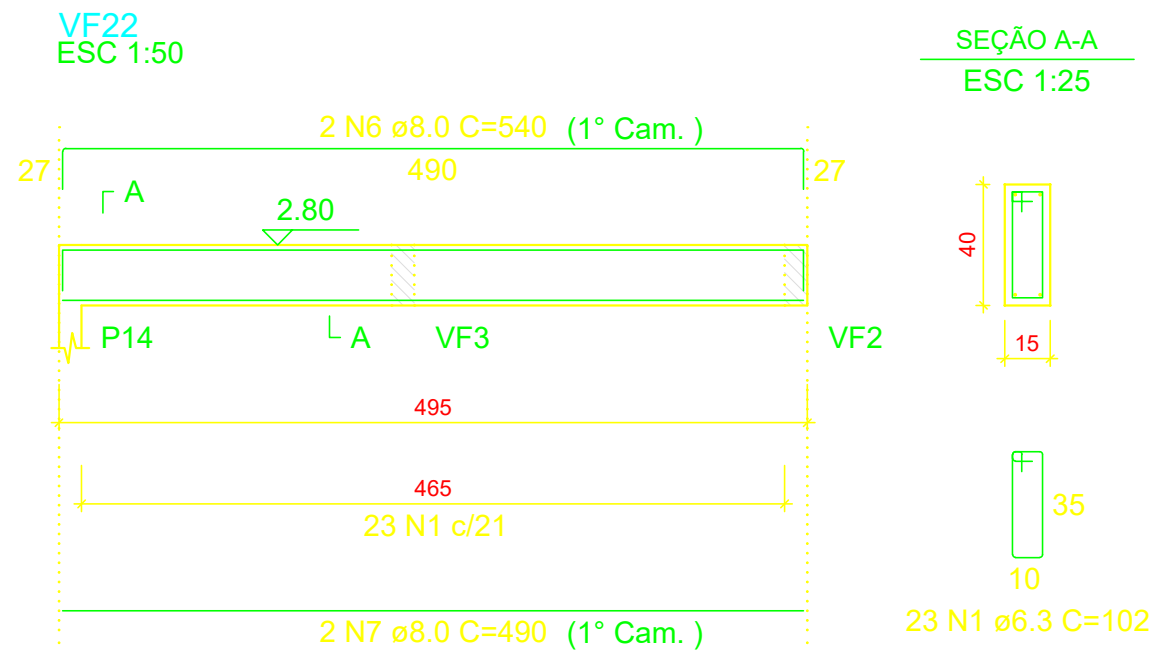
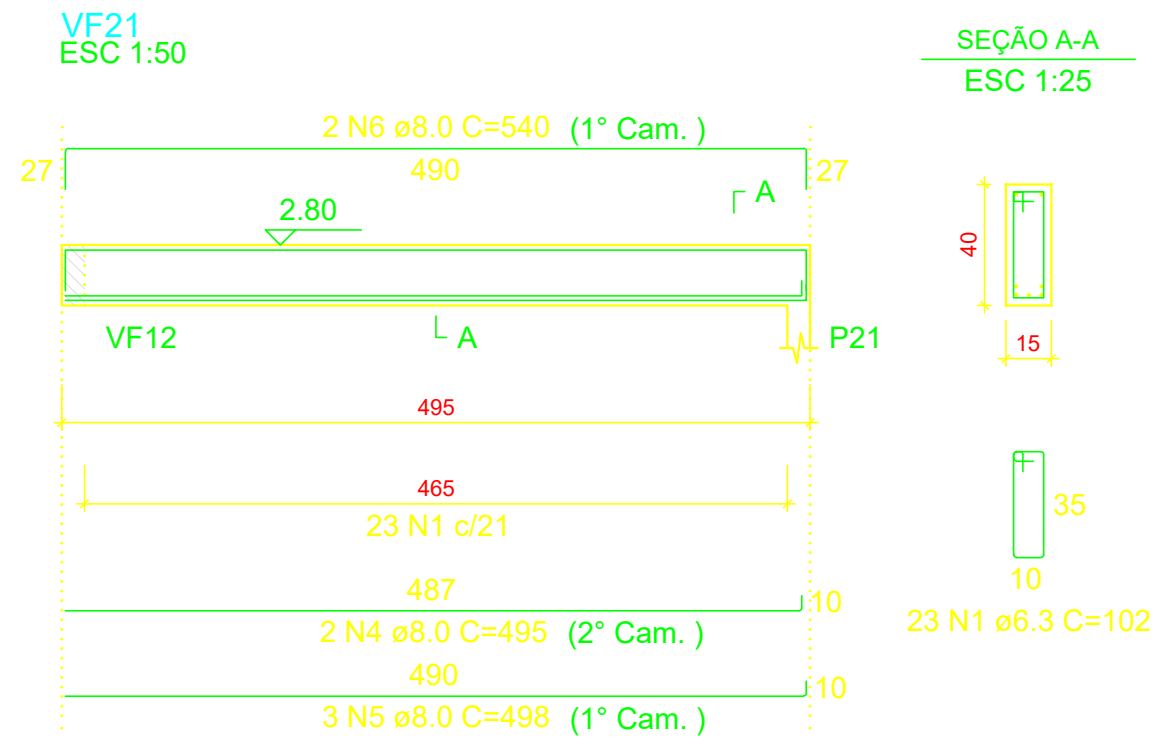
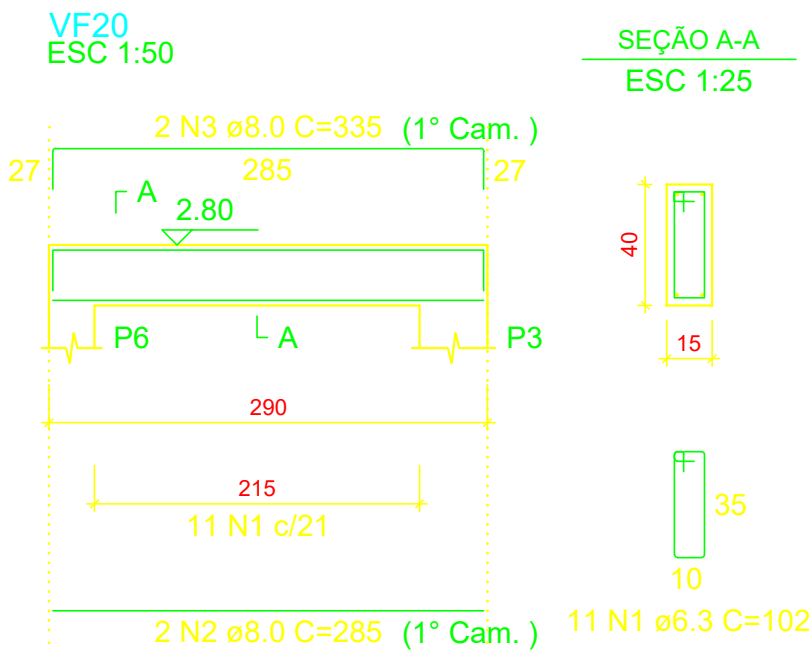
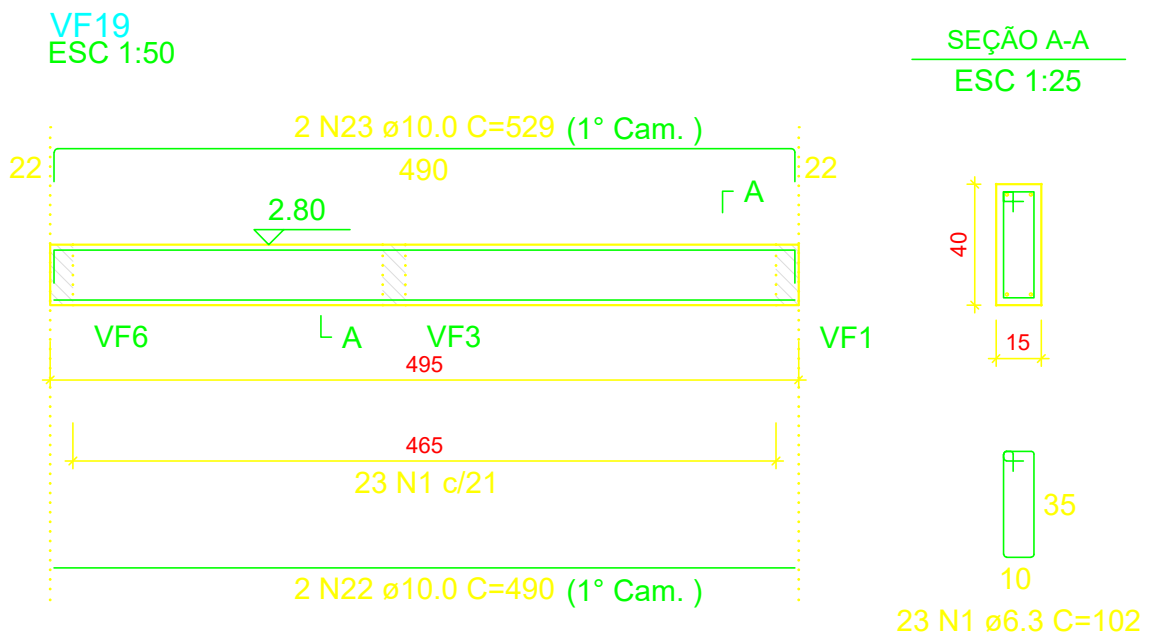




RELAÇÃO DO AÇO

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA50	1	6.3	172	102	17544
	2	8.0	2	285	570
	3	8.0	2	335	670
	4	8.0	2	495	990
	5	8.0	3	498	1494
	6	8.0	4	540	2160
	7	8.0	2	490	980
	8	8.0	1	510	510
	9	8.0	3	513	1539
	10	8.0	2	249	498
	11	8.0	1	252	252
	12	8.0	2	557	1114
	13	8.0	4	505	2020
	14	8.0	1	243	243
	15	8.0	2	553	1106
	16	8.0	2	258	516
	17	8.0	2	308	616
	18	8.0	1	154	154
	19	8.0	2	552	1104
	20	8.0	2	330	660
	21	8.0	2	380	760
	22	10.0	2	490	980
	23	10.0	2	529	1058

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 10% (Barras)	PESO + 10% (kg)
CA50	6.3	175.4	17	47.2
	8.0	179.6	17	77.9
	10.0	20.4	2	13.8
PESO TOTAL (kg)				
CA50	139			

Volume de concreto (C-25) = 2.34 m³
Área de forma = 37.00 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	
ED. ADMINISTRATIVO DETALHAMENTO DA ARMAÇÃO DAS VIGAS RESPALDO PLANTA BAIXA, CORTES E DETALHES		EXECUTIVO	
DATA INICIAL		FOLHA Nº	
17/10/2019		25	
ESCALA	REVISÃO	ARQUIVO	
INDICADA	R00	FAPEPE-FMSRS-ESC-PE-EST-R00 - NVV.DWG	