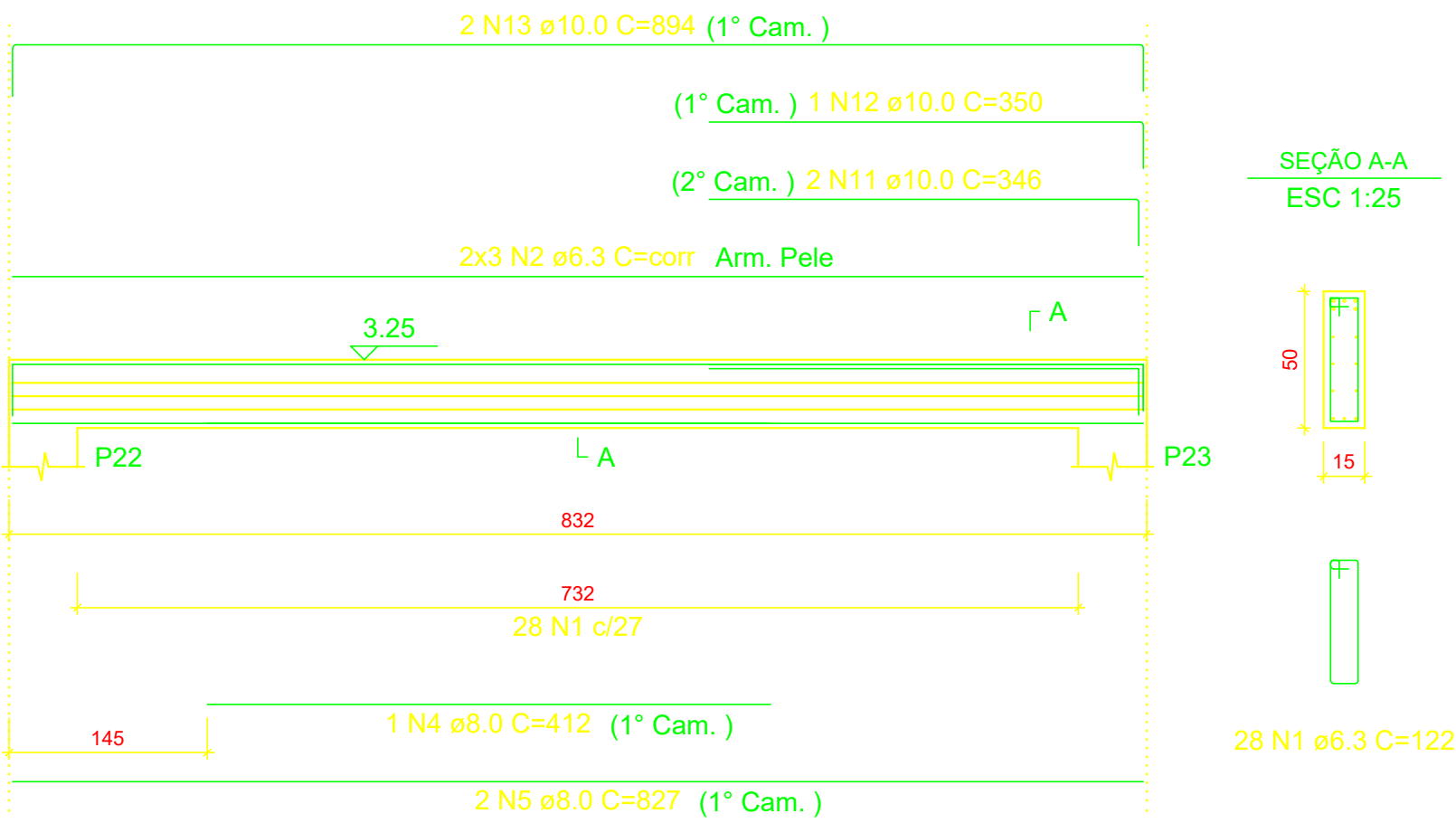
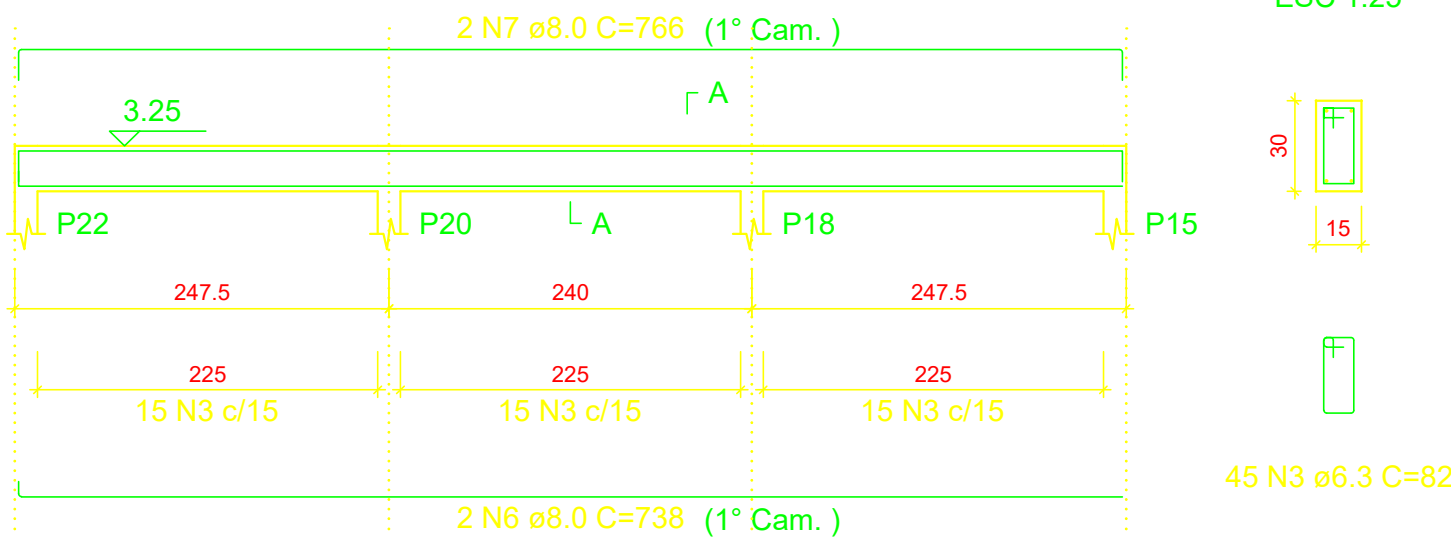


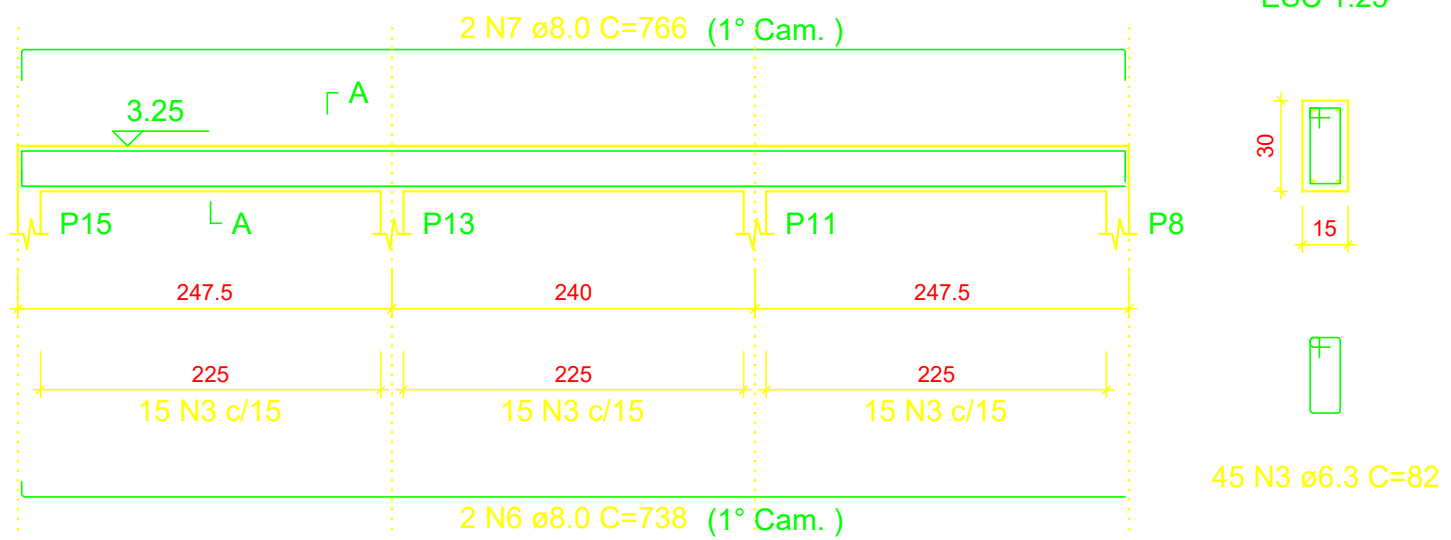
VF10
ESC 1:50



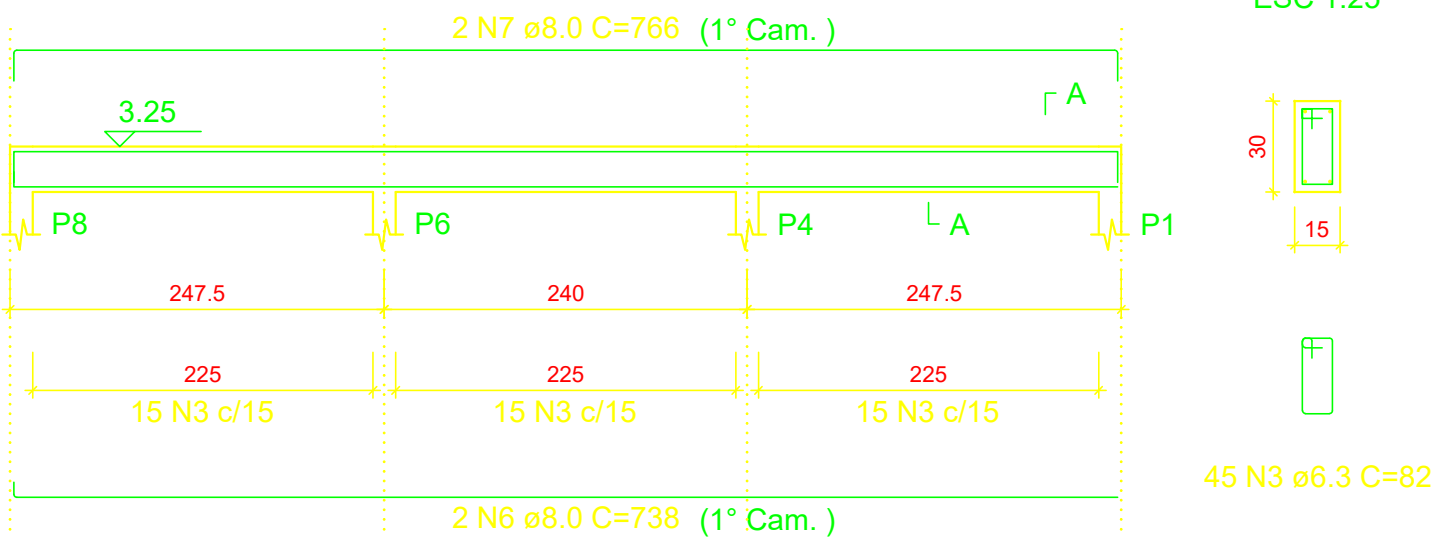
VF11
ESC 1:50



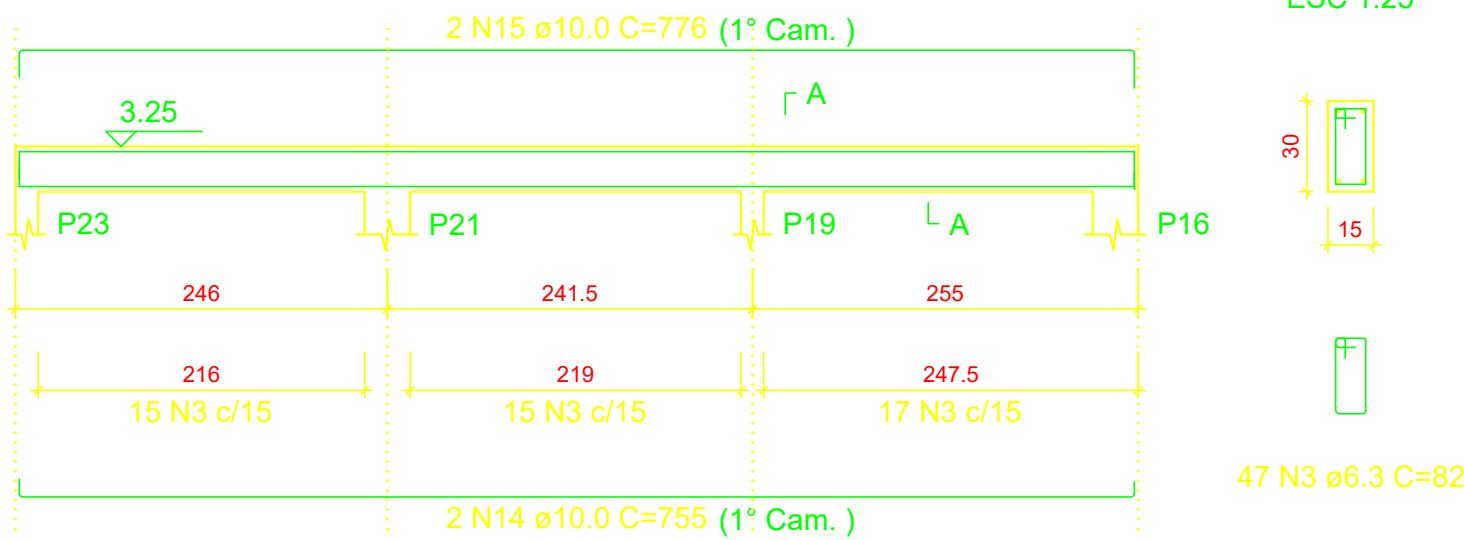
VF12
ESC 1:50



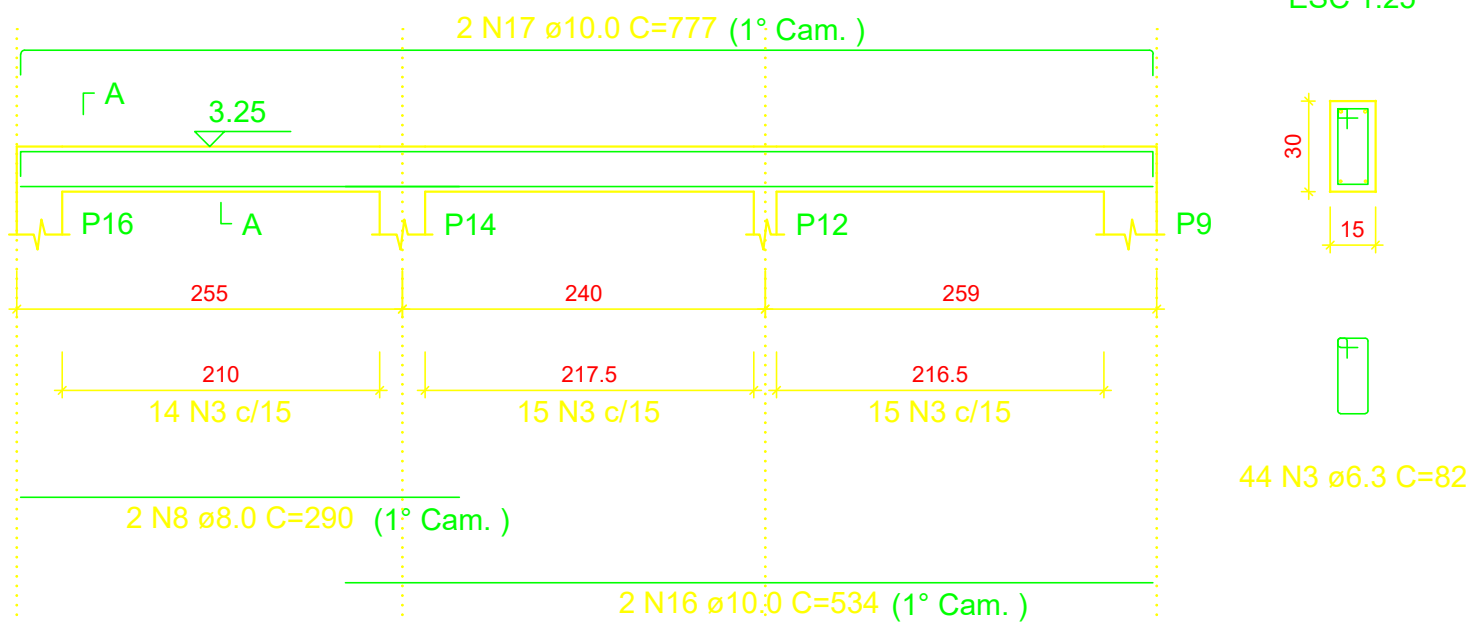
VF13
ESC 1:50



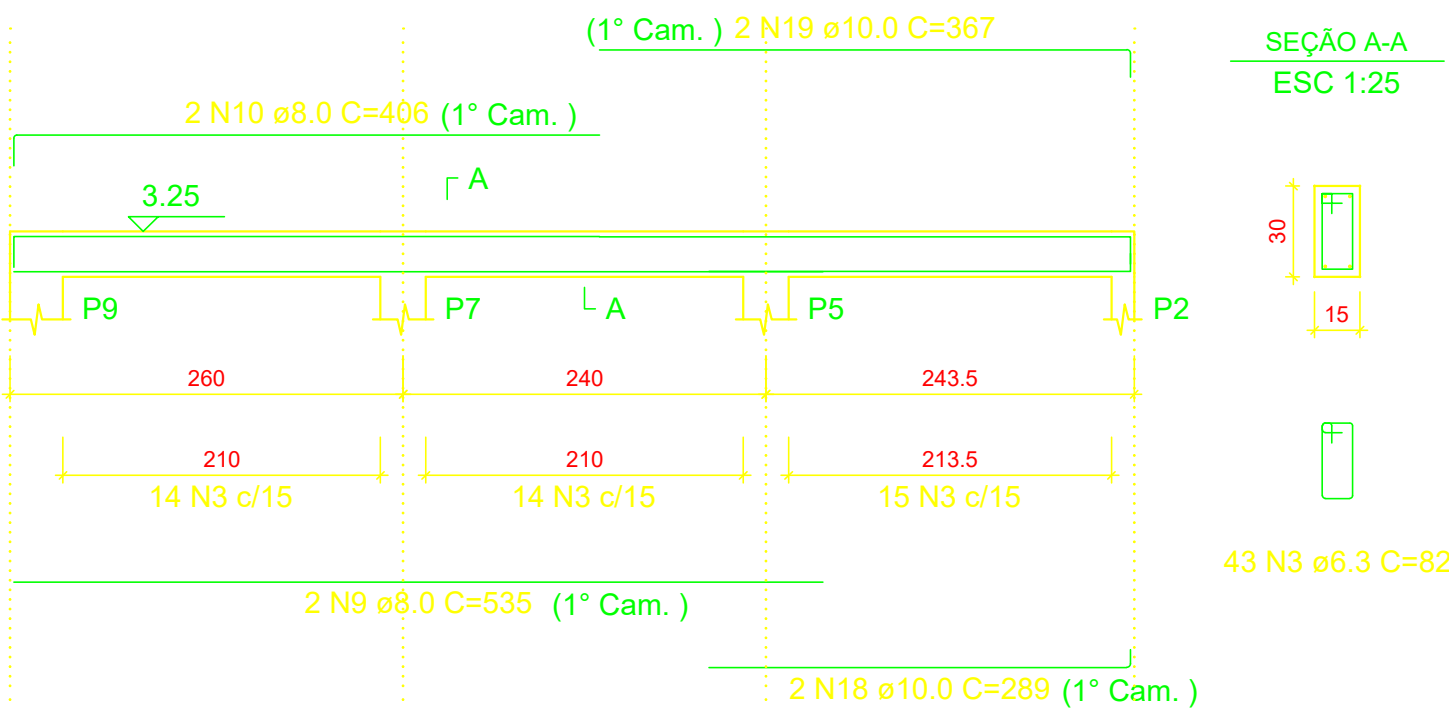
VF14
ESC 1:50



VF15
ESC 1:50



VF16
ESC 1:50



RELAÇÃO DO AÇO

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA50	1	6.3	28	122	3416
	2	6.3	6	corr	4962
	3	6.3	269	82	22058
	4	8.0	1	412	412
	5	8.0	2	827	1654
	6	8.0	6	738	4428
	7	8.0	6	766	4596
	8	8.0	2	290	580
	9	8.0	2	535	1070
	10	8.0	2	406	812
	11	10.0	2	346	692
	12	10.0	1	350	350
	13	10.0	2	894	1788
	14	10.0	2	755	1510
	15	10.0	2	776	1552
	16	10.0	2	534	1068
	17	10.0	2	777	1554
	18	10.0	2	289	578
	19	10.0	2	367	734

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 10% (Barras)	PESO + 10% (kg)
CA50	6.3	304.4	28	81.9
	8.0	135.5	13	58.8
	10.0	98.3	10	66.6

PESO TOTAL (kg)
CA50 207.4

Volume de concreto (C-25) = 2.62 m³
Área de forma = 42.91 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 B DETALHAMENTO DA ARMAÇÃO DAS VIGAS RESPALDO PLANTA BAIXA, CORTES E DETALHES		EXECUTIVO	
DATA INICIAL		FOLHA Nº	
17/10/2019	ESCALA	REVISÃO	15
INDICADA	R00	ARQUIVO	
FAPEPE-FMSRS-ESC-PE-EST-R00 - NVV.DWG			