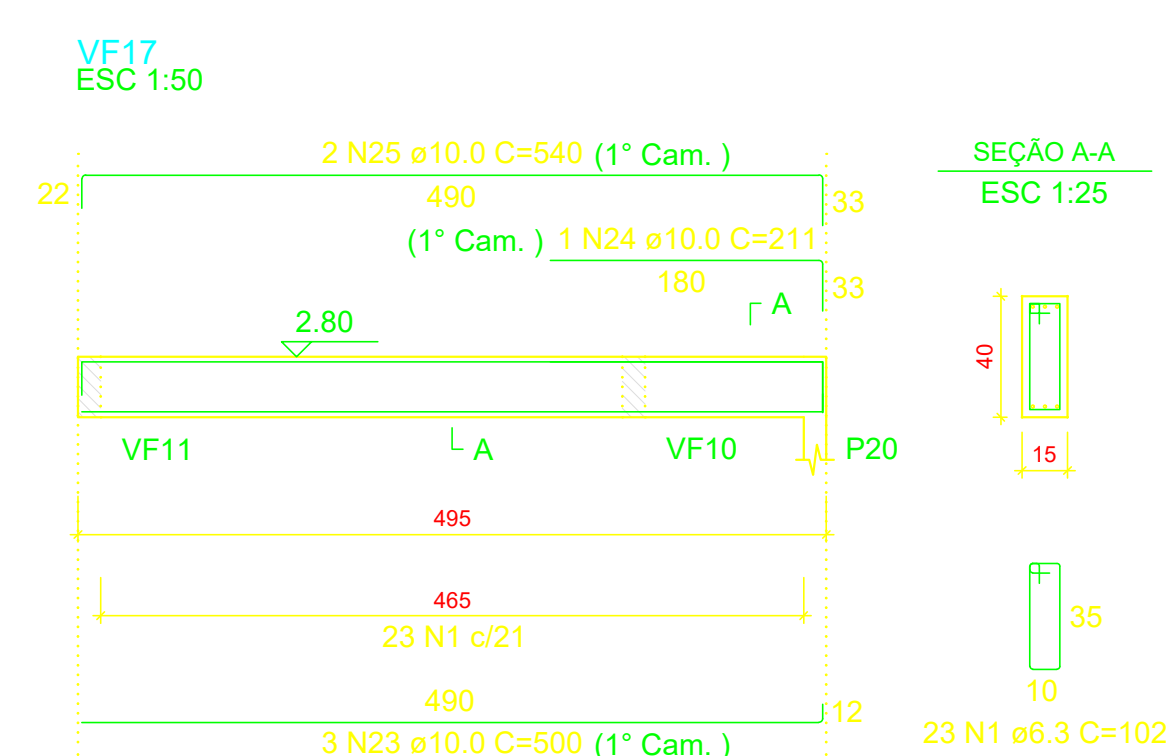
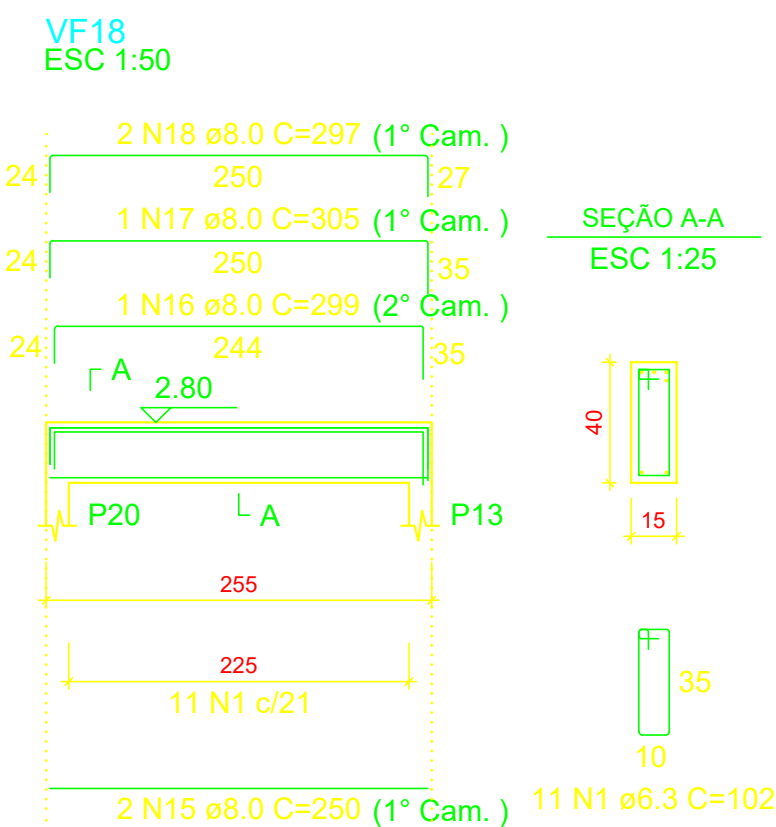
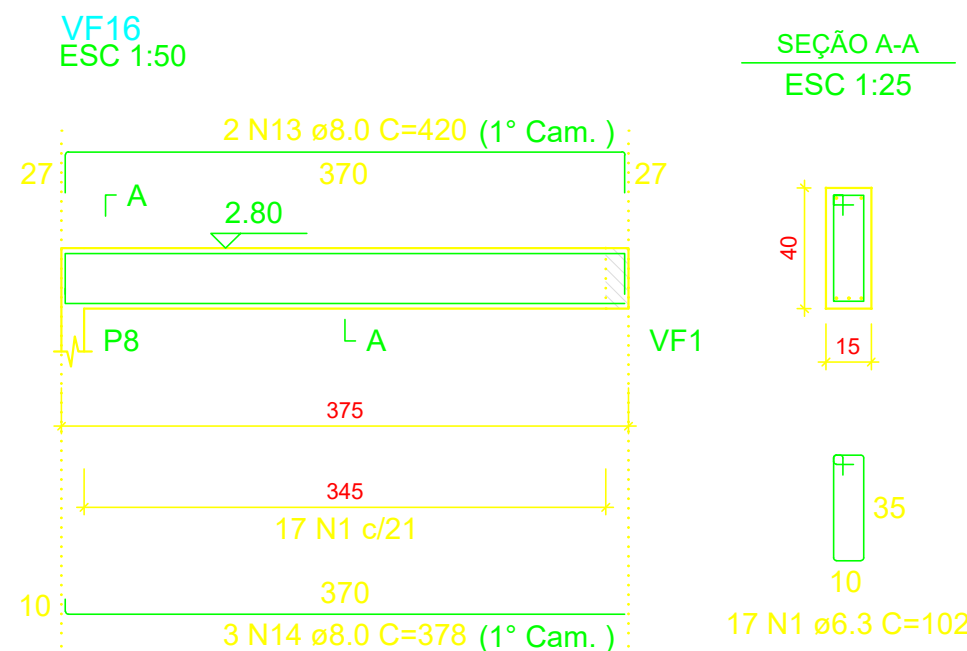
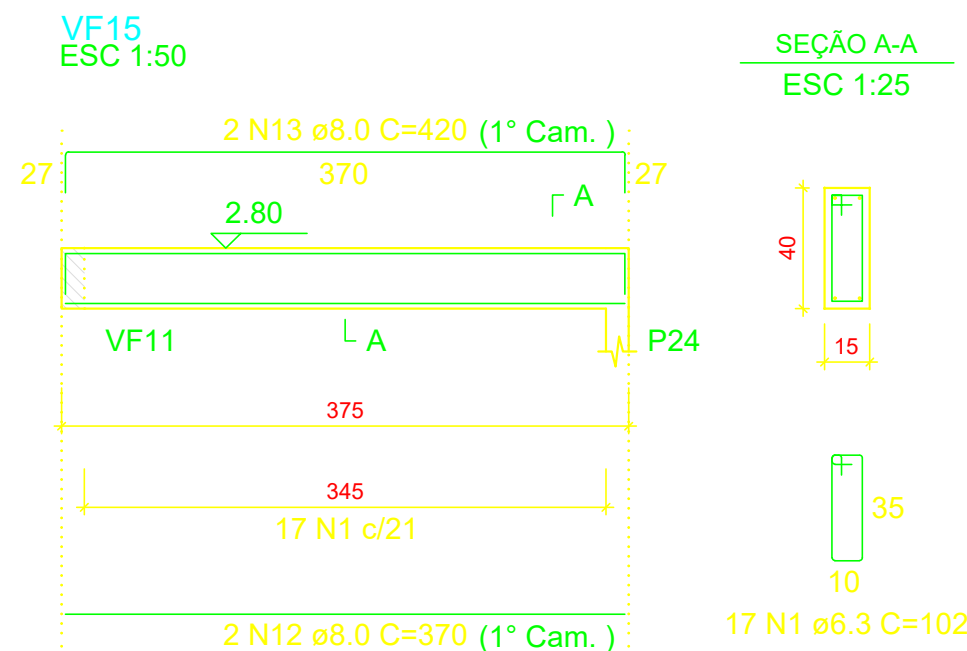
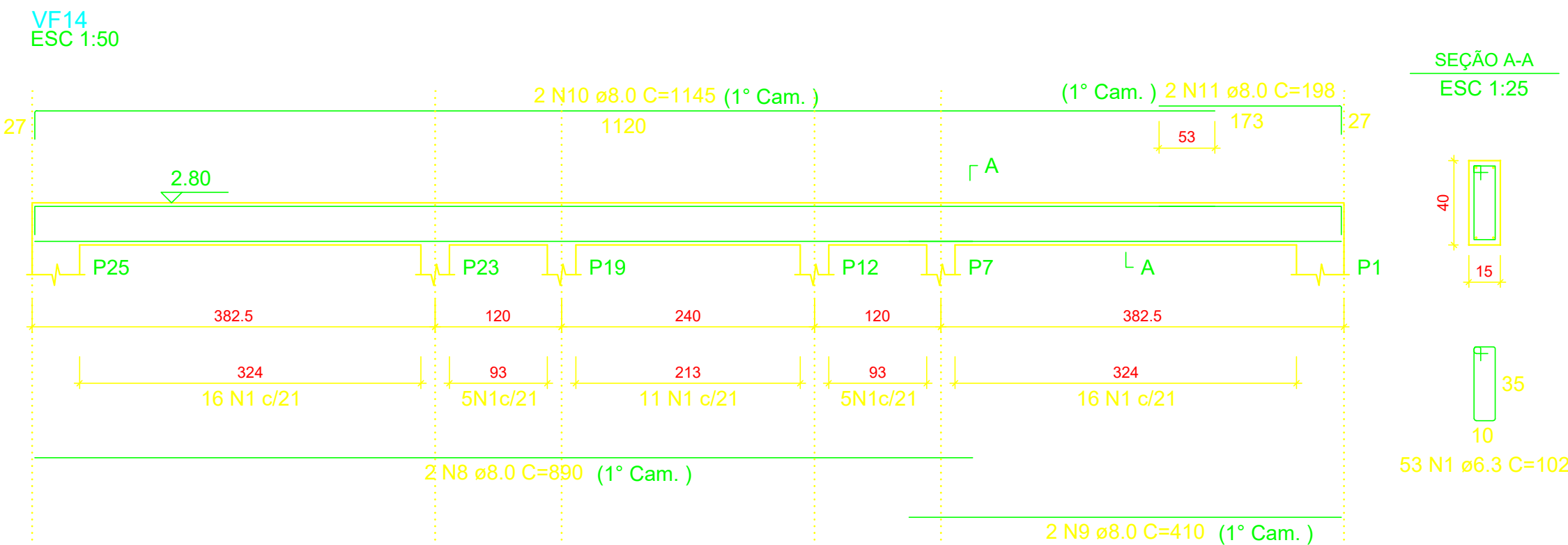
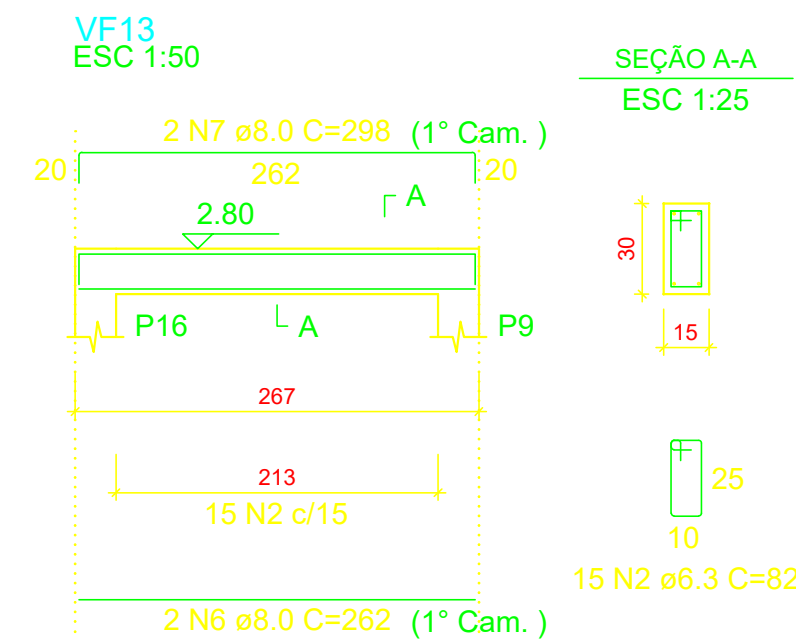
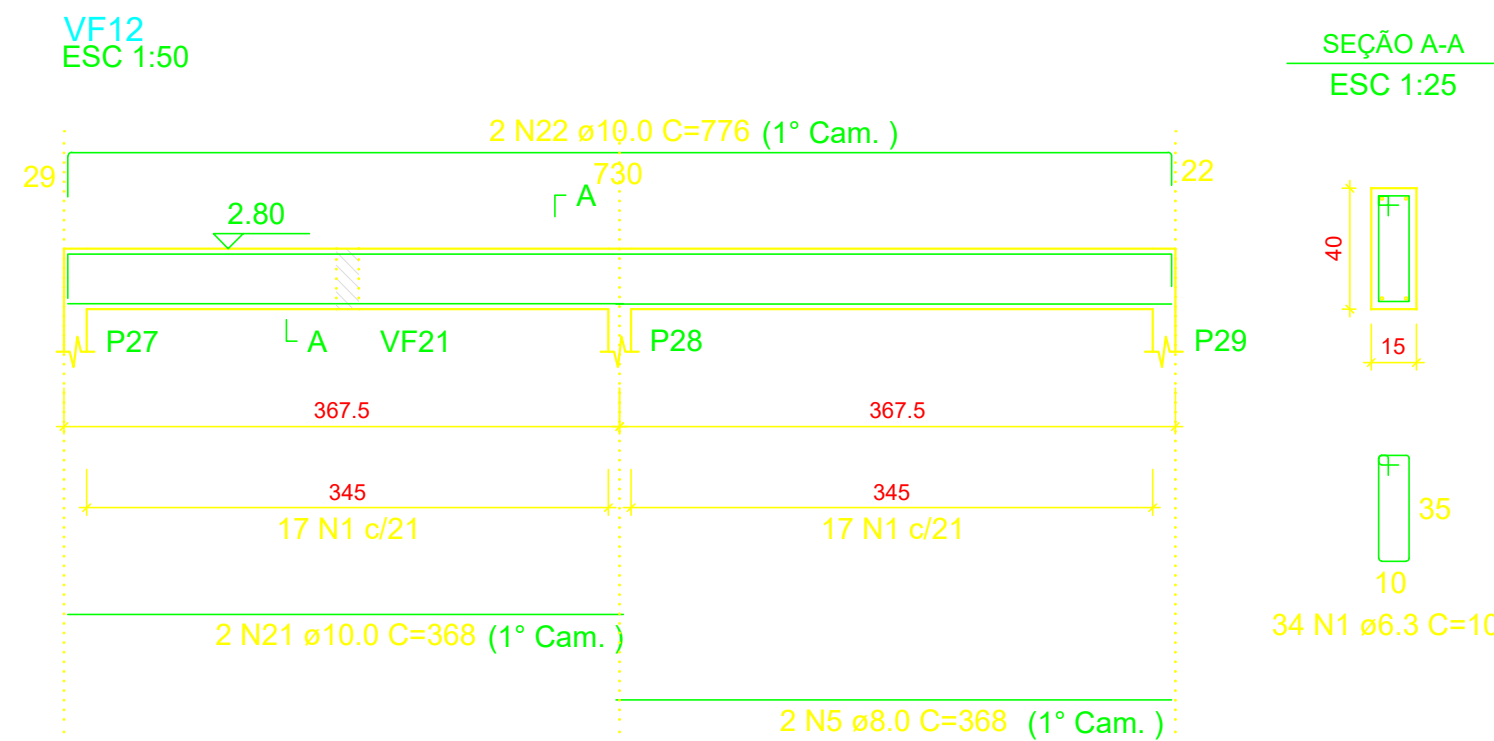
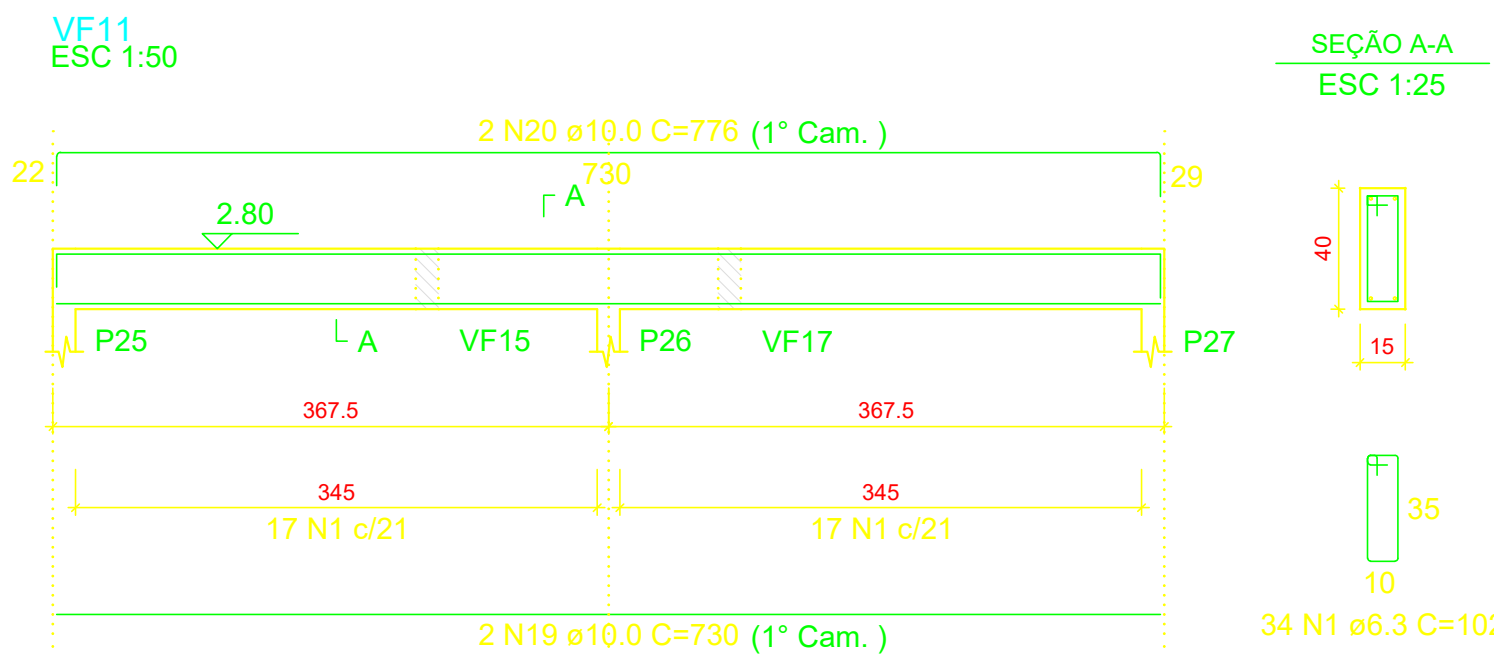
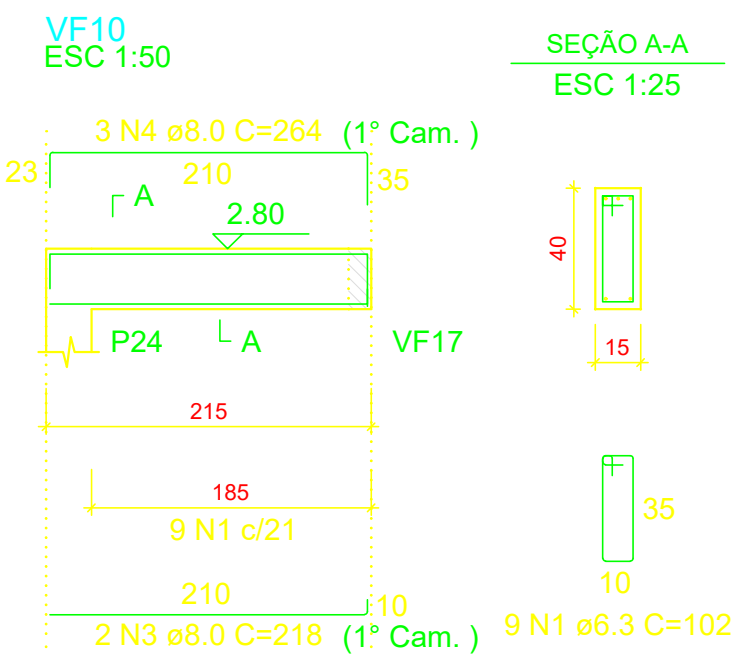




RELAÇÃO DO AÇO

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA50	1	6.3	198	102	20196
	2	6.3	15	82	1230
	3	8.0	2	218	436
	4	8.0	3	264	792
	5	8.0	2	368	736
	6	8.0	2	262	524
	7	8.0	2	298	596
	8	8.0	2	890	1780
	9	8.0	2	410	820
	10	8.0	2	1145	2290
	11	8.0	2	198	396
	12	8.0	2	370	740
	13	8.0	4	420	1680
	14	8.0	3	378	1134
	15	8.0	2	250	500
	16	8.0	1	299	299
	17	8.0	1	305	305
	18	8.0	2	297	594
	19	10.0	2	730	1460
	20	10.0	2	776	1552
	21	10.0	2	368	736
	22	10.0	2	776	1552
	23	10.0	3	500	1500
	24	10.0	1	211	211
	25	10.0	2	540	1080

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 10% (Barras)	PESO + 10% (kg)
CA50	6.3 8.0 10.0	214.3 136.2 80.9	20 13 8	57.7 59.1 54.9
PESO TOTAL (kg)				
CA50	171.7			

Volume de concreto (C-25) = 2.78 m³
Área de forma = 44.09 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 RESPALDO PLANTA BAIXA, CORTES E DETALHES		EXECUTIVO	
DATA INICIAL		FOLHA Nº	
17/10/2019		24	
ESCALA	REVISÃO	ARQUIVO	
INDICADA	R00	FAPEPE-FMSRS-ESC-PE-EST-R00 - NVV.DWG	