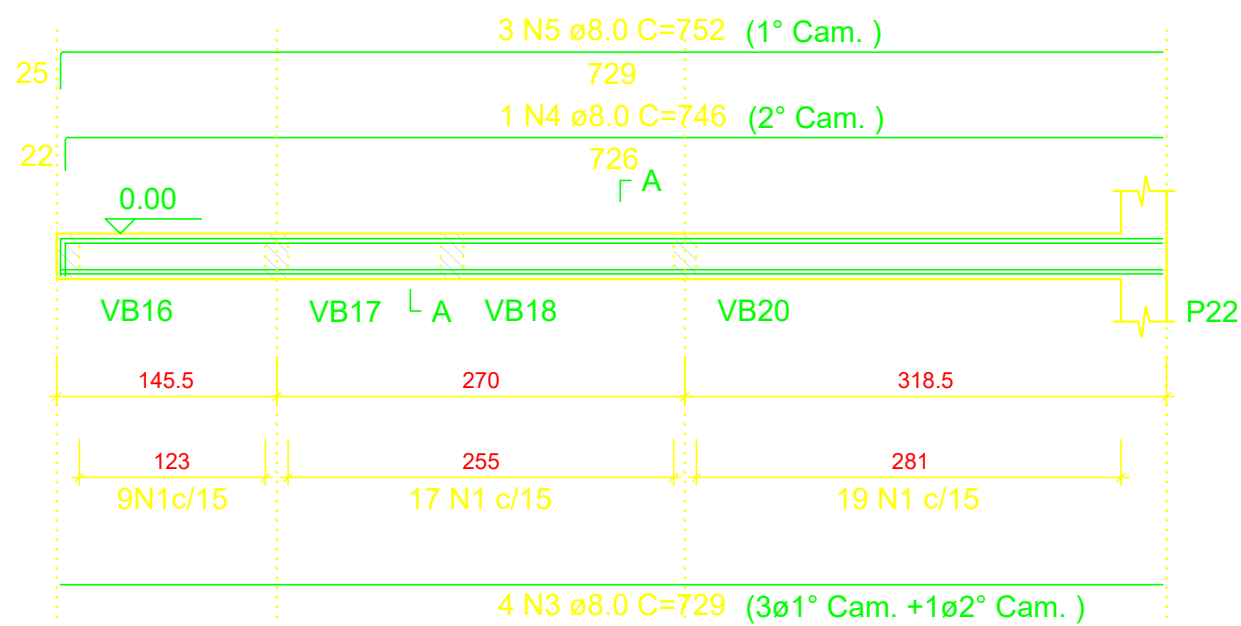
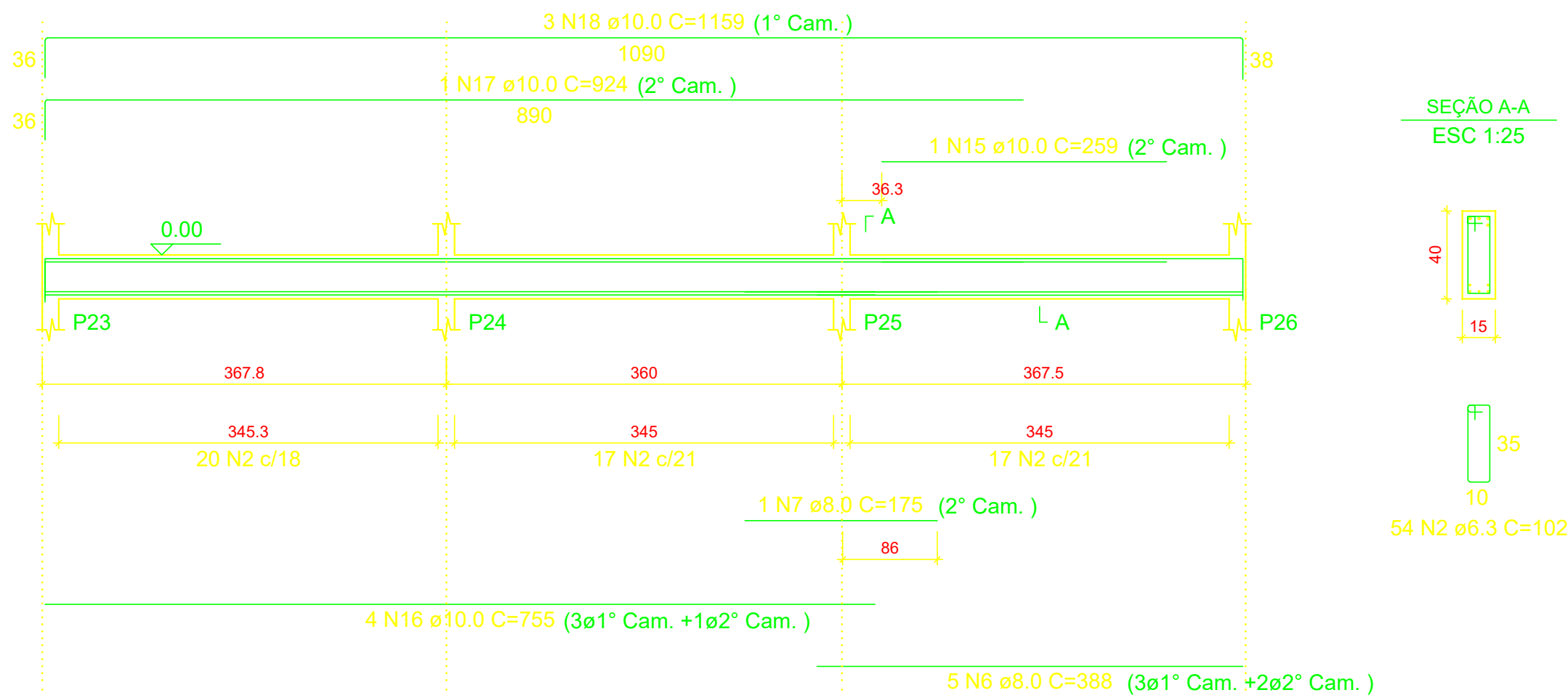


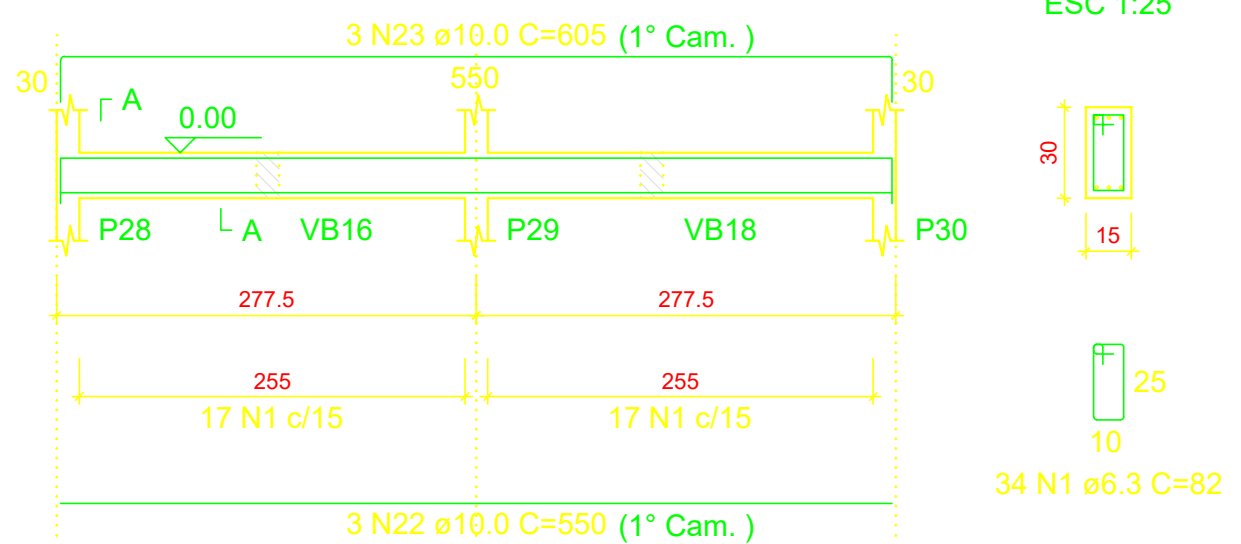
VB10
ESC 1:50



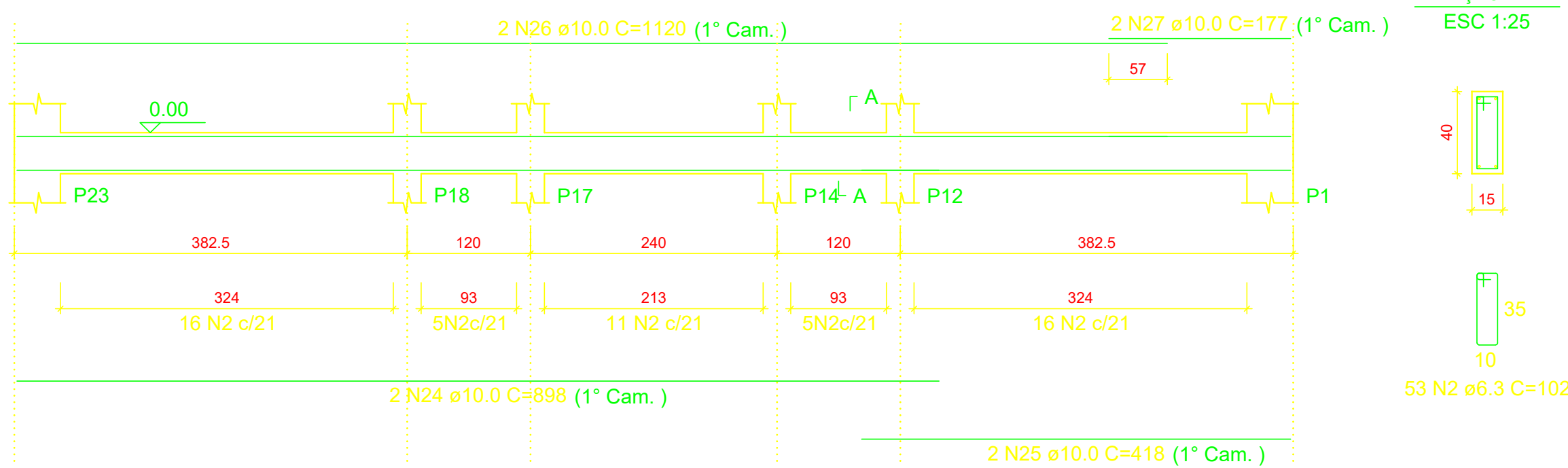
VB11
ESC 1:50



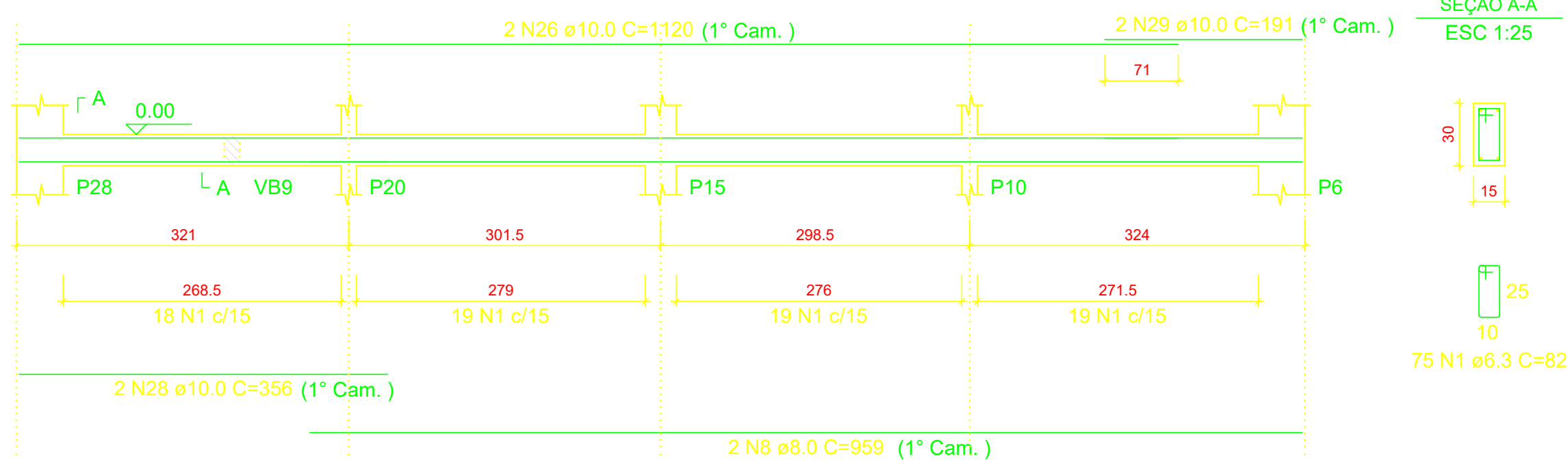
VB13
ESC 1:50



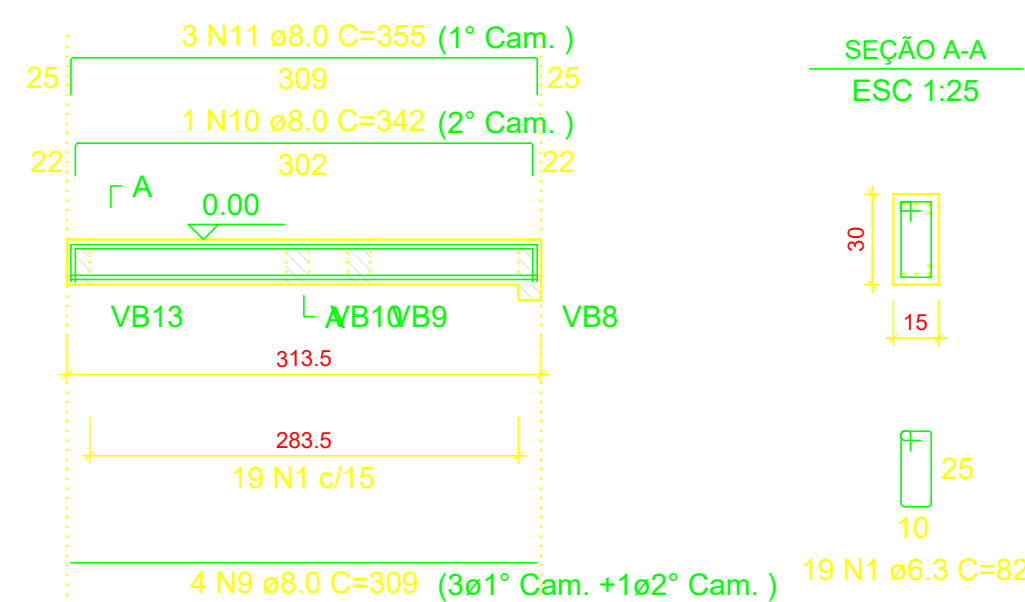
VB14
ESC 1:50



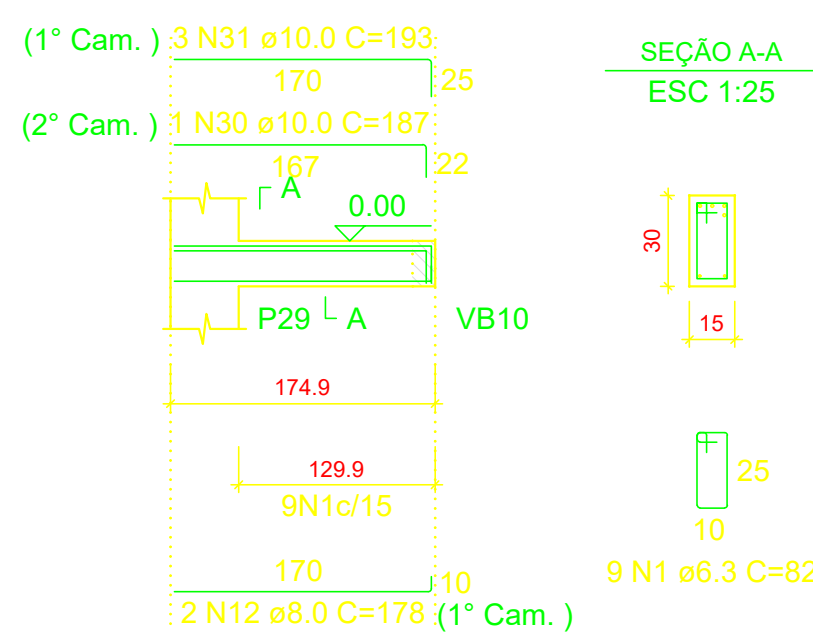
VB15
ESC 1:50



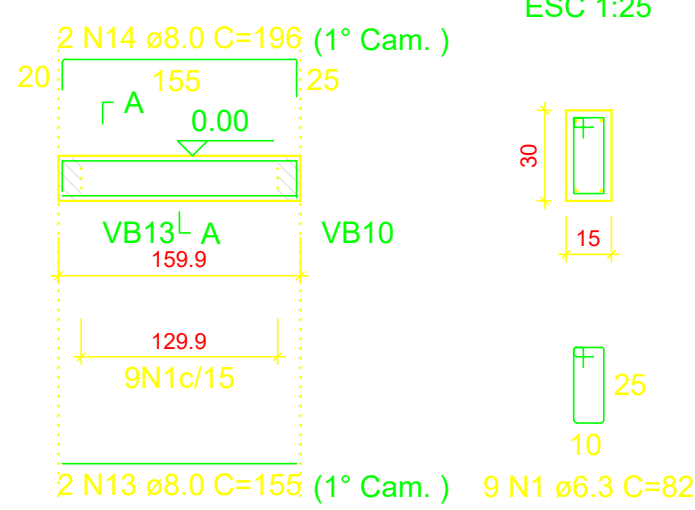
VB16
ESC 1:50



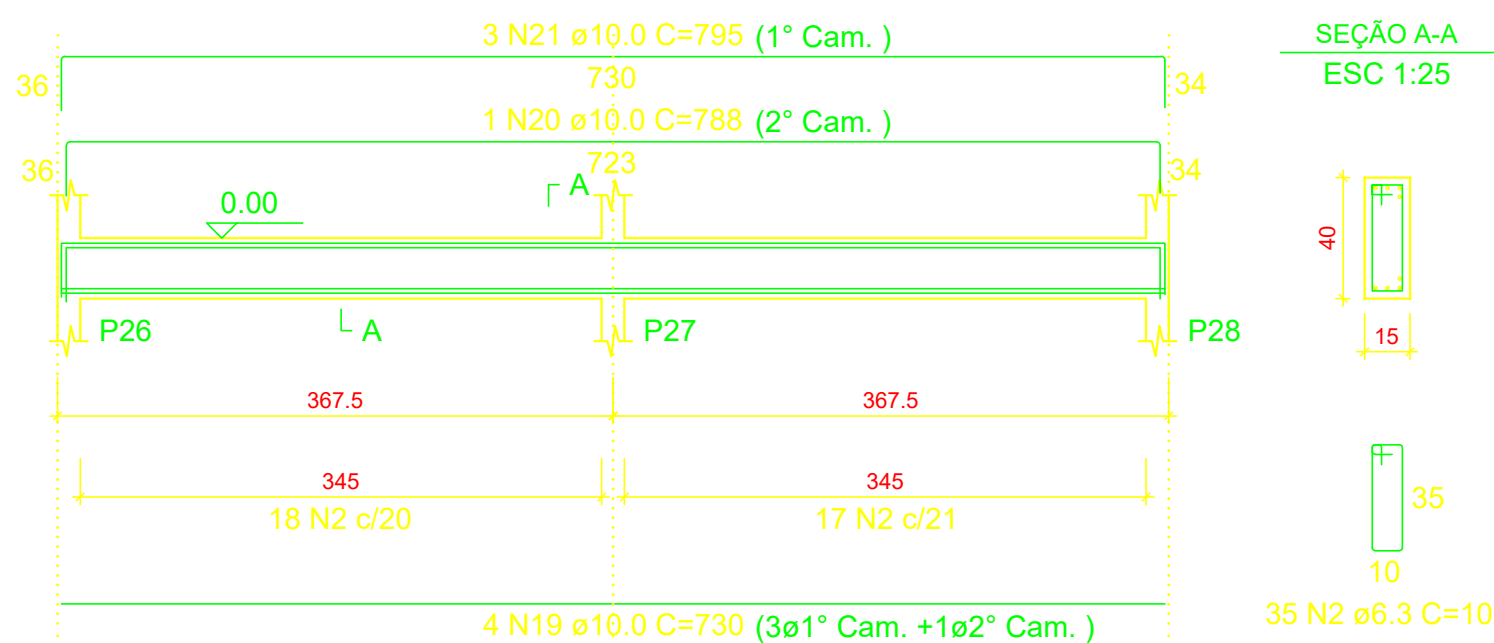
VB17
ESC 1:50



VB18
ESC 1:50



VB12
ESC 1:50



RELAÇÃO DO AÇO

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA50	1	6.3	191	82	15662
	2	6.3	142	102	14484
	3	8.0	4	729	2916
	4	8.0	1	746	746
	5	8.0	3	752	2256
	6	8.0	5	388	1940
	7	8.0	1	175	175
	8	8.0	2	959	1918
	9	8.0	4	309	1236
	10	8.0	1	342	342
	11	8.0	3	355	1065
	12	8.0	2	178	356
	13	8.0	2	155	310
	14	8.0	2	196	392
	15	10.0	1	259	259
	16	10.0	4	755	3020
	17	10.0	1	924	924
	18	10.0	3	1159	3477
	19	10.0	4	730	2920
	20	10.0	1	788	788
	21	10.0	3	795	2385
	22	10.0	3	550	1650
	23	10.0	3	605	1815
	24	10.0	2	898	1796
	25	10.0	2	418	836
	26	10.0	4	1120	4480
	27	10.0	2	177	354
	28	10.0	2	356	712
	29	10.0	2	191	382
	30	10.0	1	187	187
	31	10.0	3	193	579

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 10% (Barras)	PESO + 10% (kg)
CA50	6.3	301.5	28	81.1
	8.0	136.5	13	59.3
	10.0	265.6	25	180.2
PESO TOTAL (kg)				
CA50		320.6		

Volume de concreto (C-25) = 3.28 m³
Área de forma = 53.08 m²

PROJETO	RESPONSÁVEL TÉCNICO		
	Eng. Mario 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		
BLOCO D: DETALHAMENTO DA ARMAÇÃO DAS VIGAS BALDRAME PLANTA BAIXA, CORTES E DETALHES	EXECUTIVO		
	FOLHA Nº		
	32		
DATA INICIAL	ESCALA	REVISÃO	ARQUIVO
17/10/2019	INDICADA	R00	FAPEPE-FMSRS-ESC-PE-EST-R00 - NV.DWG