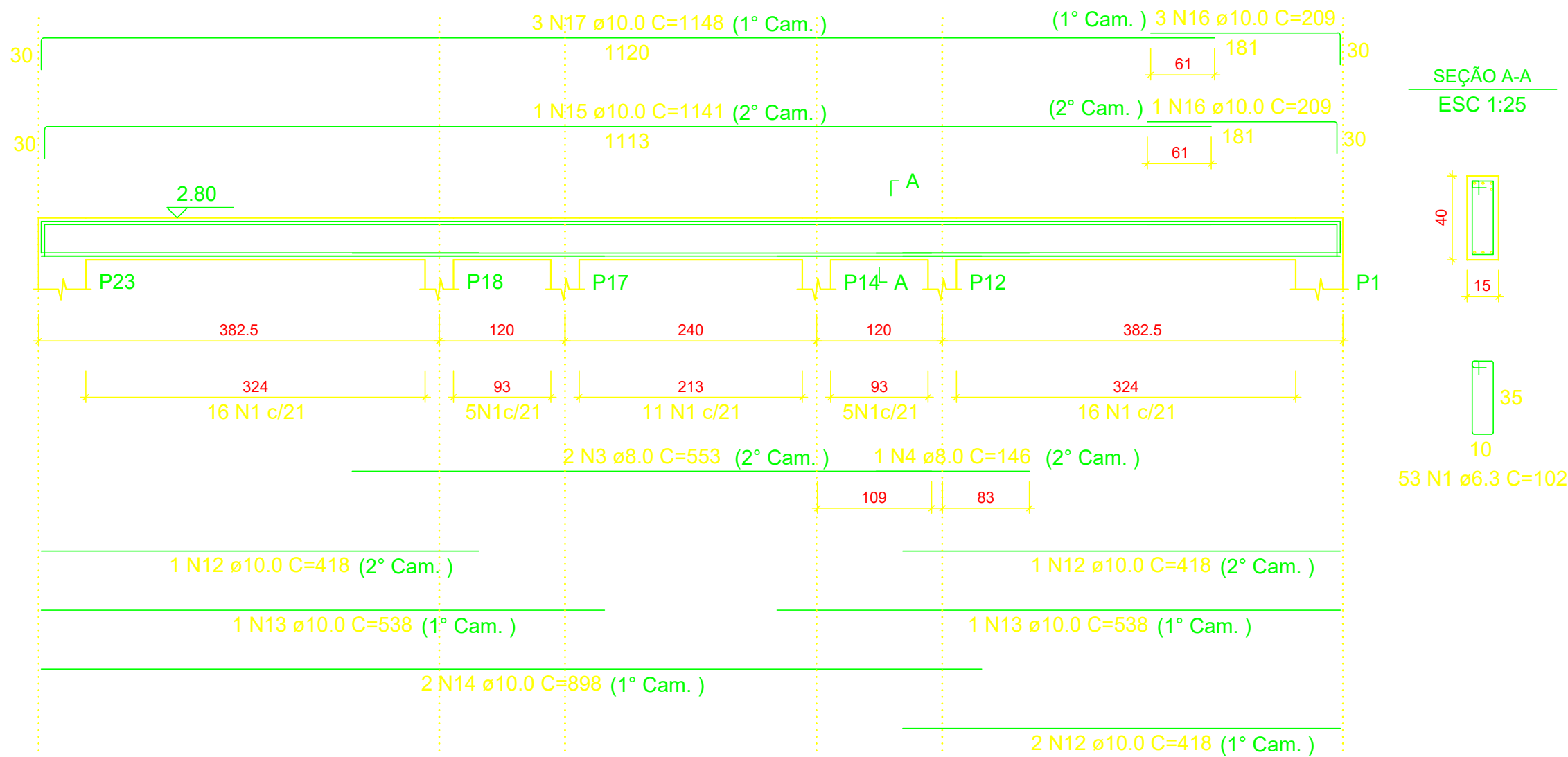


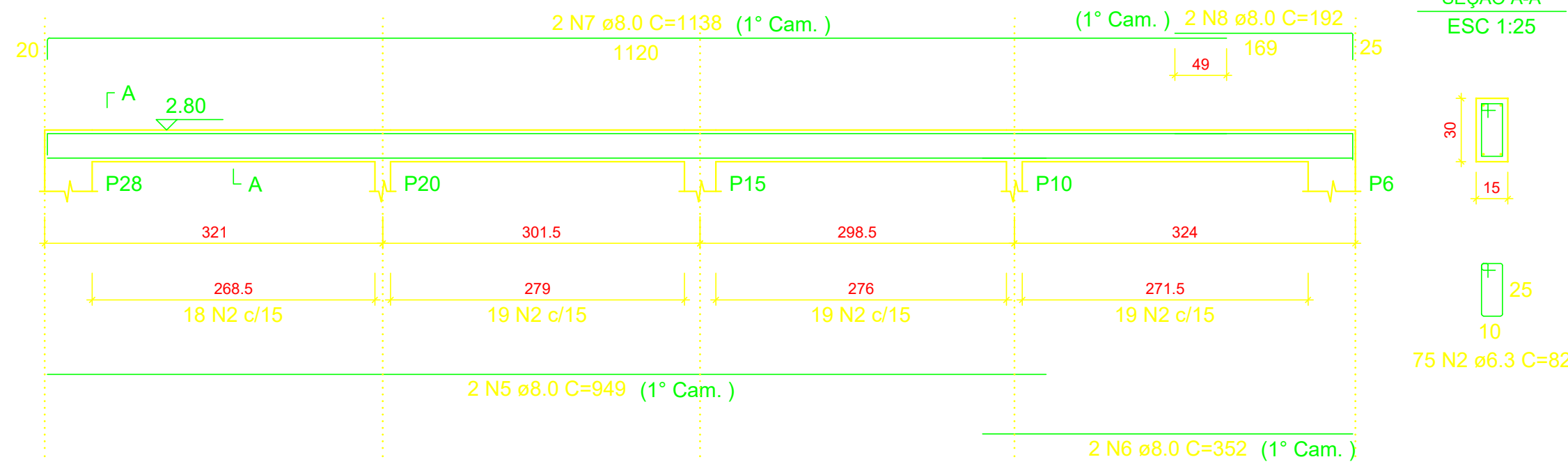
VF11

ESC 1:50



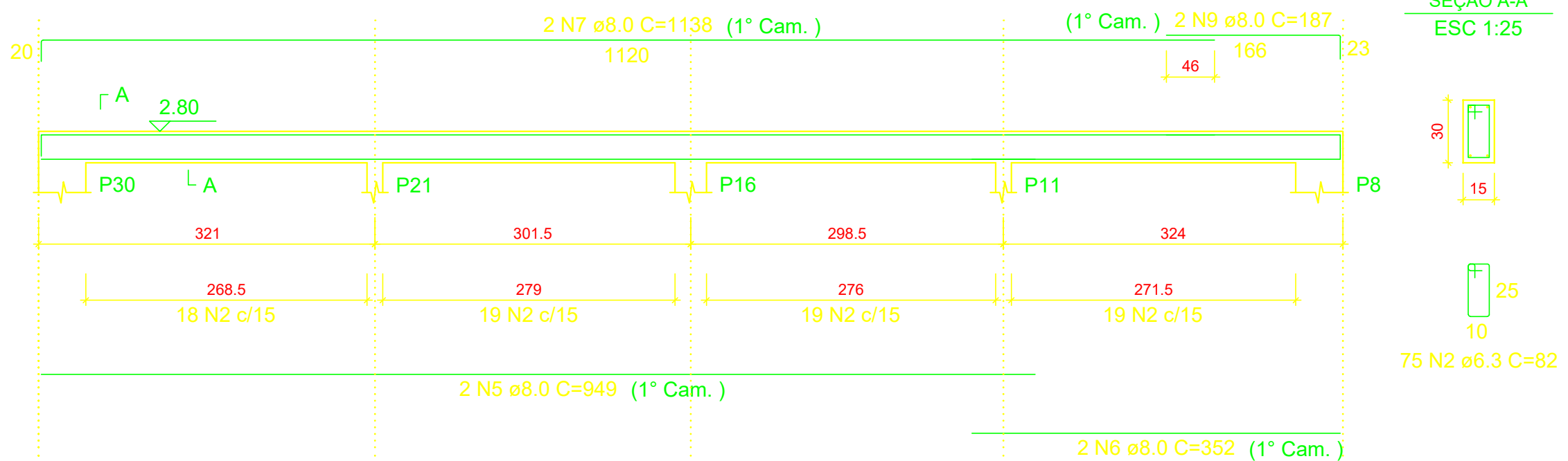
VF12

ESC 1:50



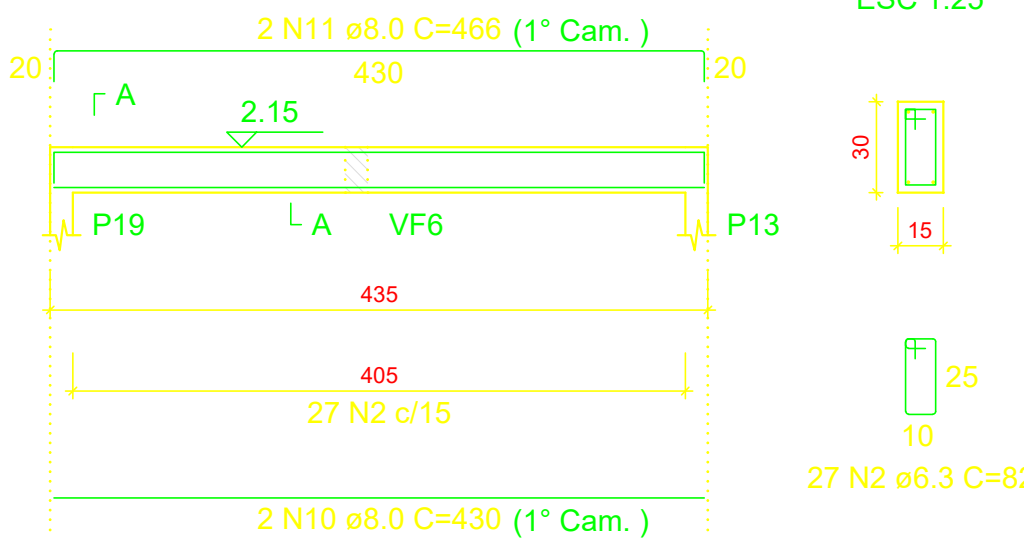
VF13

ESC 1:50



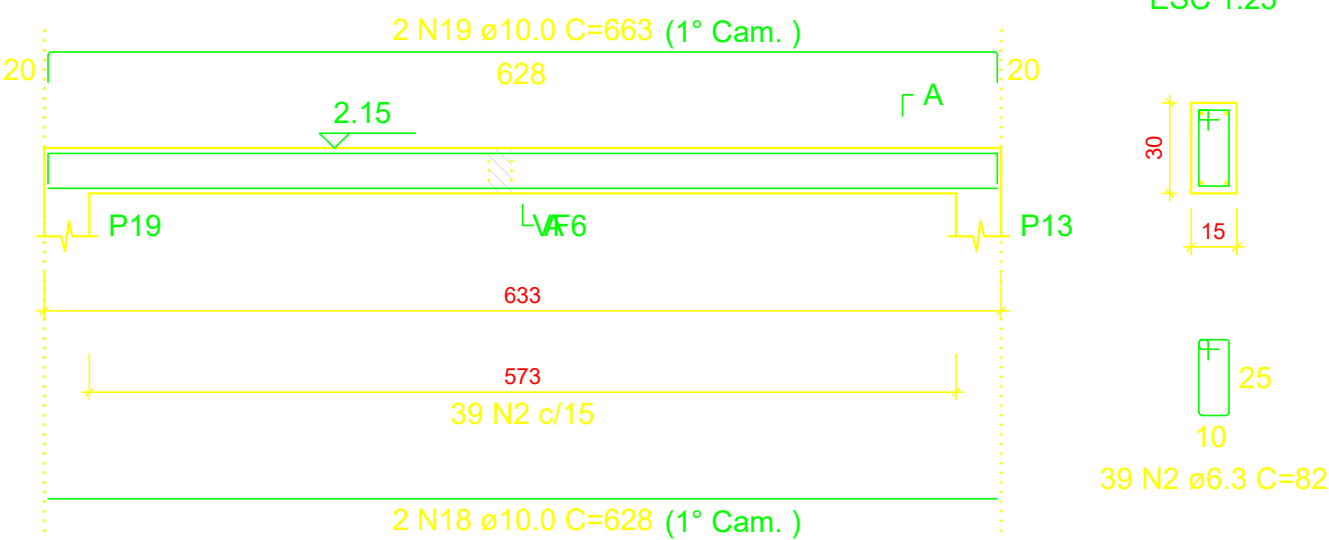
VF14

ESC 1:50



VF15

ESC 1:50



RELAÇÃO DO AÇO

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA50	1	6.3	53	102	5406
	2	6.3	216	82	17712
	3	8.0	2	553	1106
	4	8.0	1	146	146
	5	8.0	4	949	3796
	6	8.0	4	352	1408
	7	8.0	4	1138	4552
	8	8.0	2	192	384
	9	8.0	2	187	374
	10	8.0	2	430	860
	11	8.0	2	466	932
	12	10.0	4	418	1672
	13	10.0	2	538	1076
	14	10.0	2	898	1796
	15	10.0	1	1141	1141
	16	10.0	4	209	836
	17	10.0	3	1148	3444
	18	10.0	2	628	1256
	19	10.0	2	663	1326

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 10% (Barras)	PESO + 10% (kg)
CA50	6.3	231.2	22	62.2
	8.0	135.6	13	58.8
	10.0	125.5	12	85.1
PESO TOTAL (kg)				
CA50	206.2			

Volume de concreto (C-25) = 2.35 m³

Área de forma = 38.51 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 D: DETALHAMENTO DA ARMAÇÃO DAS VIGAS RESPALDO PLANTA BAIXA, CORTES E DETALHES	EXECUTIVO
DATA INICIAL	FOLHA Nº
17/10/2019	35
ESCALA	ARQUIVO
INDICADA	FAPEPE-FMSRS-ESC-PE-EST-R00 - NVV.DWG