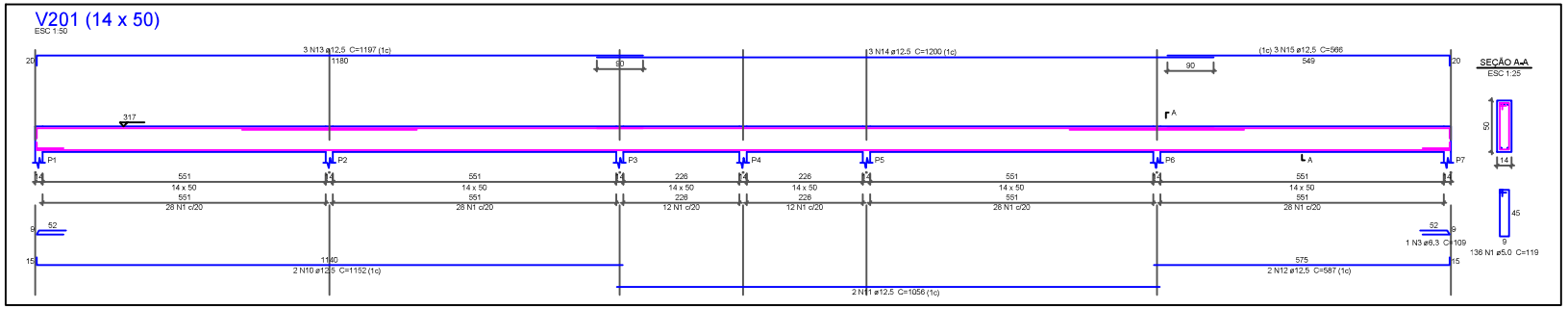
VIGAS COBERTURA

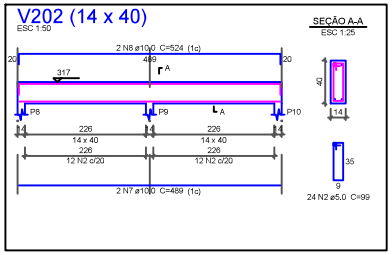
V201 (14 x 50)

ESC 1:50



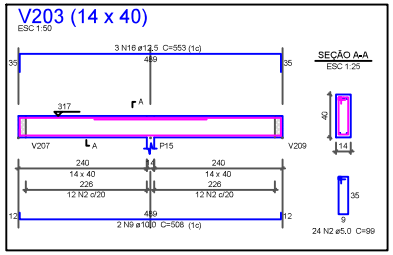
V202 (14 x 40)

ESC 1:50



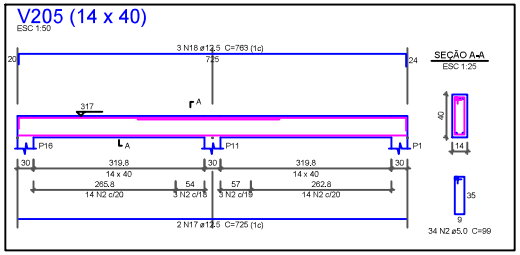
V203 (14 x 40)

ESC 1:50



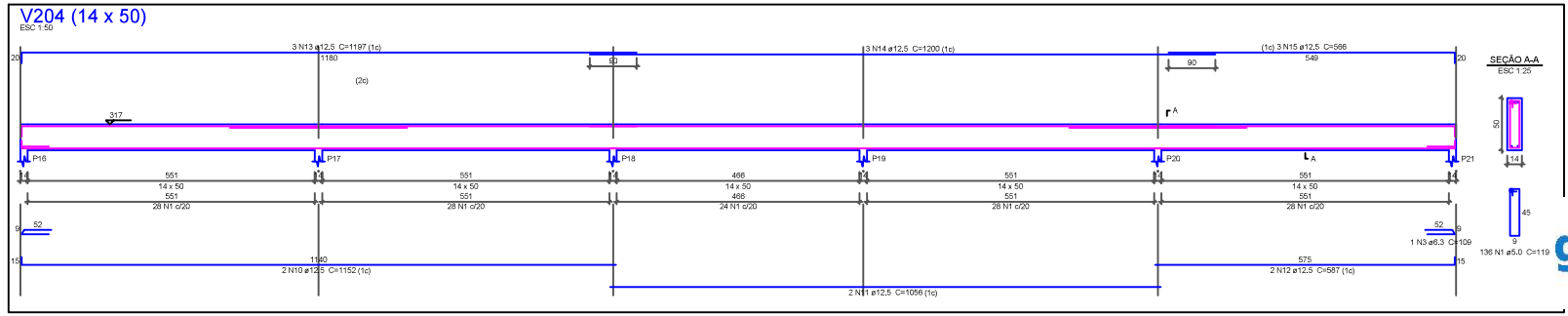
V205 (14 x 40)

ESC 1:50



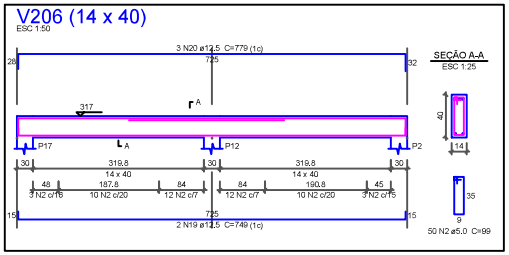
V204 (14 x 50)

ESC 1:50



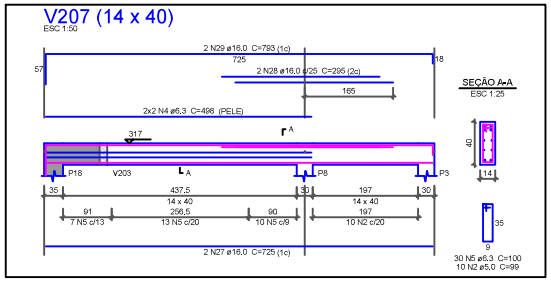
V206 (14 x 40)

ESC 1:50



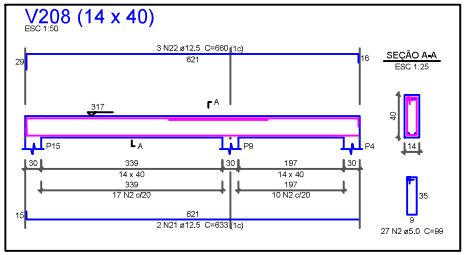
V207 (14 x 40)

ESC 1:50



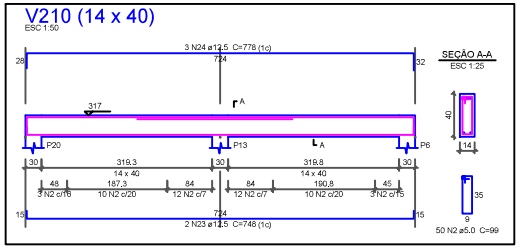
V208 (14 x 40)

ESC 1:50



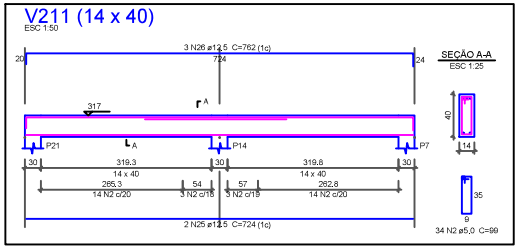
V210 (14 x 40)

ESC 1:50



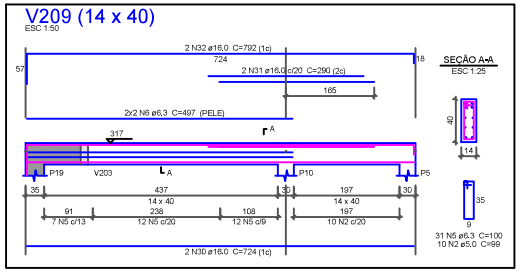
V211 (14 x 40)

ESC 1:50



V209 (14 x 40)

ESC 1:50



Relação do aço

V201	V202	V203
V204	V205	V206
V207	V208	V209
V210	V211	

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5,0	272	119	32368
	2	5,0	263	99	26037
CA50	3	6,3	4	109	436
	4	6,3	4	498	1992
	5	6,3	61	100	6100
	6	6,3	4	497	1986
	7	10,0	2	489	978
	8	10,0	2	524	1048
	9	10,0	2	508	1016
	10	12,5	4	1152	4608
	11	12,5	4	1056	4224
	12	12,5	4	587	2348
	13	12,5	6	1197	7182
	14	12,5	6	1200	7200
	15	12,5	6	566	3396
	16	12,5	3	553	1659
	17	12,5	2	725	1450
	18	12,5	3	763	2289
	19	12,5	2	749	1498
	20	12,5	3	779	2337
	21	12,5	2	633	1266
	22	12,5	3	660	1980
	23	12,5	2	748	1496
	24	12,5	3	778	2334
	25	12,5	2	724	1448
	26	12,5	3	762	2286
	27	16,0	2	725	1450
	28	16,0	2	295	590
	29	16,0	2	793	1586
	30	16,0	2	724	1448
	31	16,0	2	290	580
	32	16,0	2	792	1584

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6,3	105,2	28,3
	10,0	30,5	20,6
	12,5	490,1	519,3
	16,0	72,4	125,7
CA60	5,0	584,1	99

PESO TOTAL (kg)	
CA50	693,9
CA60	99

Volume de concreto (C-25) = 6.68 m³
Área de forma = 82.59 m²

gov.br
Documento assinado digitalmente
NILCEZAR AUGUSTO PERES
Data: 25/04/2026 16:30:25-0300
Verifique em https://validar.iti.gov.br

ANILSO LELIO DA SILVA:87453142687
Assinado de forma digital por ANILSO LELIO DA SILVA:87453142687
Dados: 2026.04.27 15:05:47 -03'00'

RESPONSÁVEL EXECUÇÃO: ENG. CIVIL NILCEZAR AUGUSTO PERES — CREA MG 161.233/D-MG

REQUERENTE: PREFEITURA MUNICIPAL DE PIRANGUÇU — CNPJ: 18.025.981/0001-97

PROJETO: PROJETO ESTRUTURAL - CMEI - MARIANA LOPES DE OLIVEIRA SIQUEIRA

DETALHE: VIGAS DE COBERTURA - DETALHES — ESCALA: INDICADA

ENDEREÇO: RUA SEBASTIÃO CUSTÓDIO RENNÓ, Nº 103 — FOLHA: C — DATA: 23/03/2026

CIDADE: MONTE CASTELO — FOLHAS: 5 e 6 — REVISÃO: 01

ESTADO: PIRANGUÇU - MG — ESCALA: N/A — DATA: 04/06