

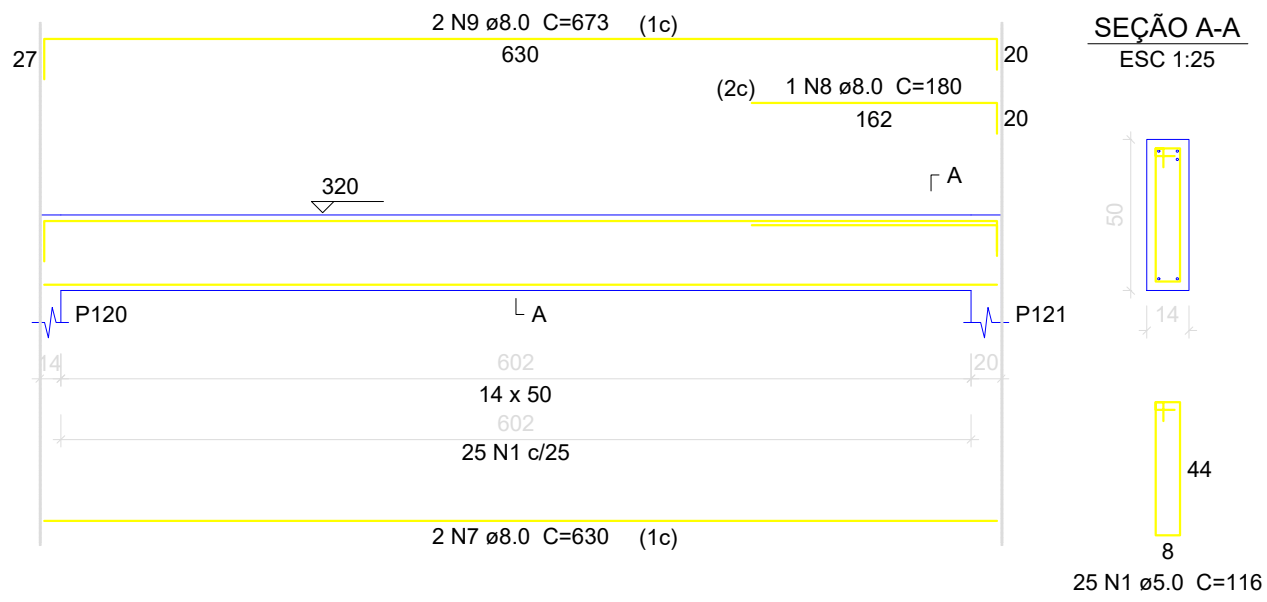
VRC232

ESC 1:50



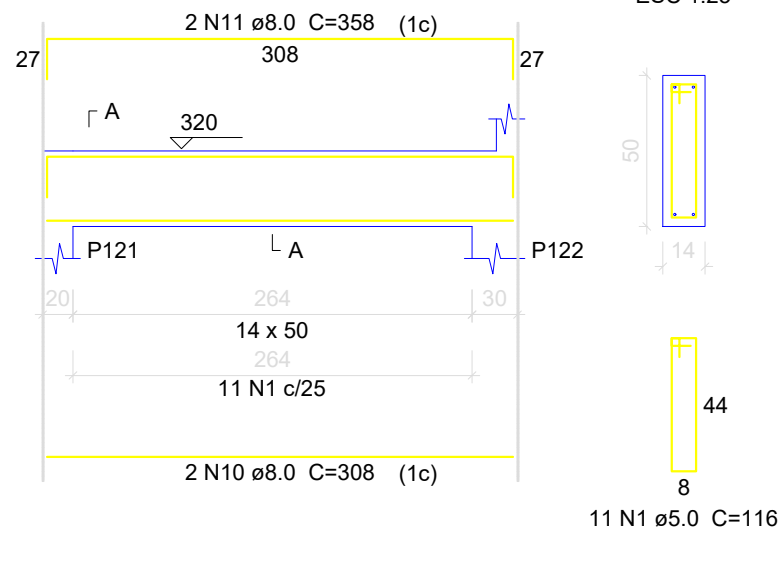
VRC233

ESC 1:50



VRC234

ESC 1:50



Relação do aço

AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
VRC232	1	5.0	473	116	54868
VRC235	2	6.3	3	67	201
VRC238	3	8.0	2	972	1944
VRC241	4	8.0	2	741	1482
VRC244	5	8.0	2	1198	2396
VRC247	6	8.0	2	639	1278
	7	8.0	2	630	1260
	8	8.0	1	180	180
	9	8.0	2	673	1346
	10	8.0	2	308	616
	11	8.0	2	358	716
	12	8.0	2	957	1914
	13	8.0	2	322	644
	14	8.0	2	994	1988
	15	8.0	2	1019	2038
	16	8.0	2	352	704
	17	8.0	2	377	754
	18	8.0	2	1039	2078
	19	8.0	2	312	624
	20	8.0	2	118	236
	21	8.0	2	160	320
	22	8.0	2	867	1734
	23	8.0	2	892	1784
	24	8.0	2	300	600
	25	8.0	6	350	2100
	26	8.0	4	417	1668
	27	8.0	4	459	1836
	28	8.0	4	308	1232
	29	8.0	1	101	101
	30	8.0	2	875	1750
	31	8.0	2	917	1834
	32	8.0	2	1072	2144
	33	8.0	2	921	1842
	34	8.0	2	355	710
	35	10.0	2	1188	2376
	36	10.0	2	207	414
	37	10.0	2	1198	2396
	38	10.0	2	229	458
	39	10.0	1	367	367
	40	10.0	2	1084	2168
	41	10.0	2	1102	2204
	42	10.0	2	171	342

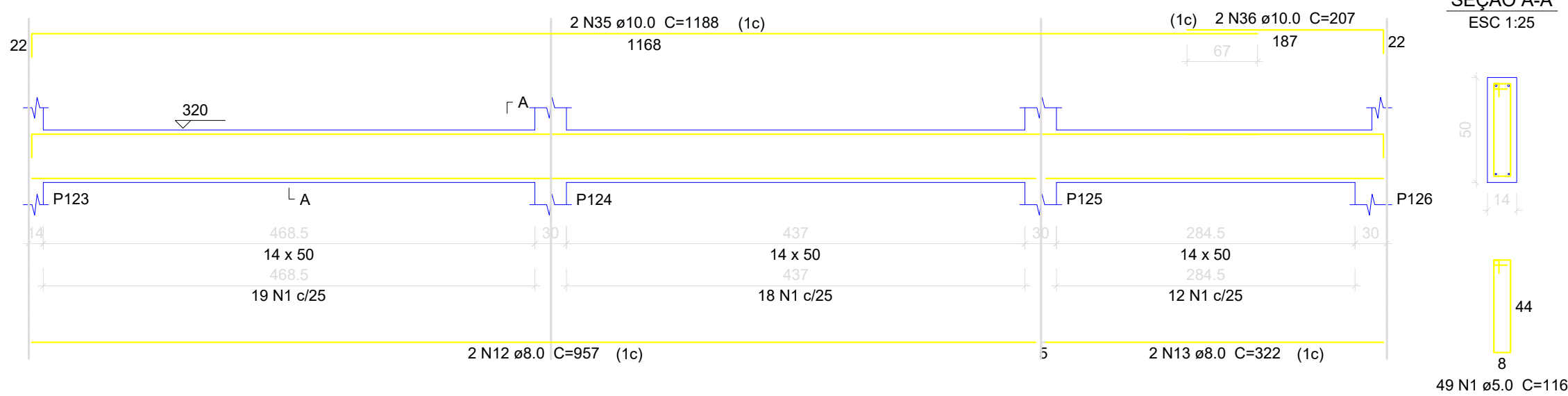
Resumo do aço

AÇO	DIAM	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	2.1	0.5
	8.0	418.6	181.7
	10.0	107.3	72.7
CA60	5.0	548.7	93
PESO TOTAL			
CA50	254.9		
CA60	93		

Vol. de concreto total (C-30) = 8.81 m³
Área de forma total = 143.5 m²

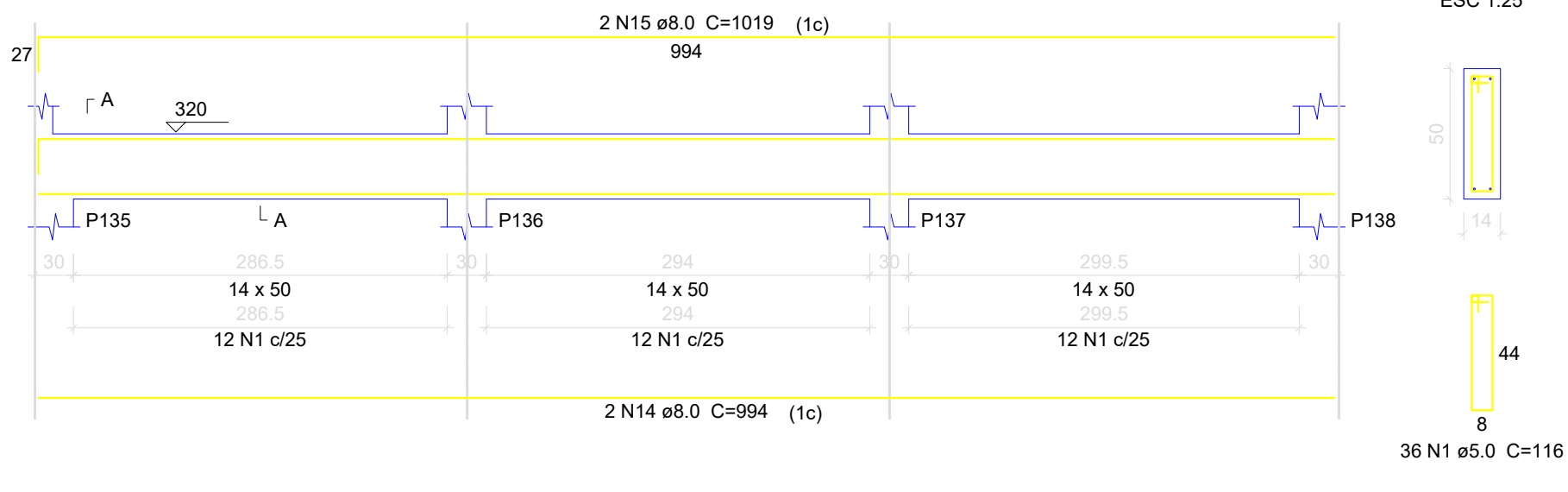
VRC235

ESC 1:50



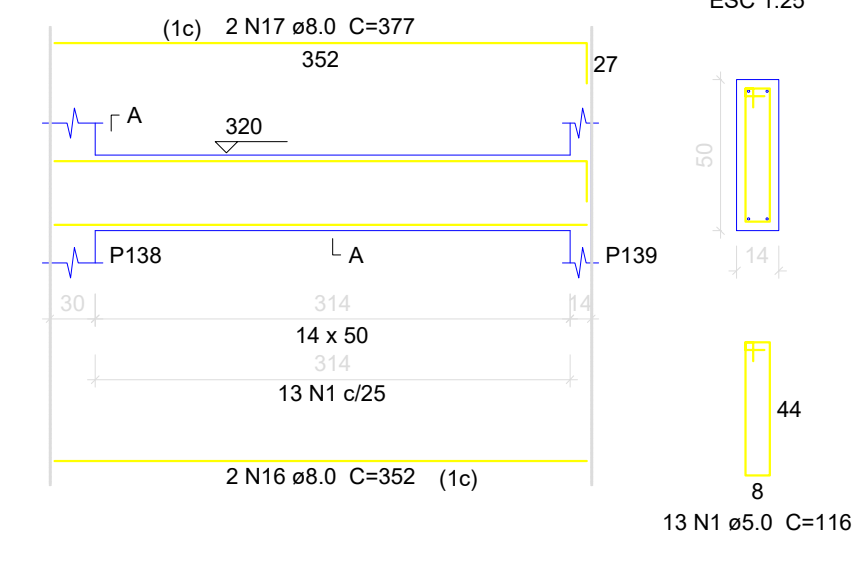
VRC236

ESC 1:50



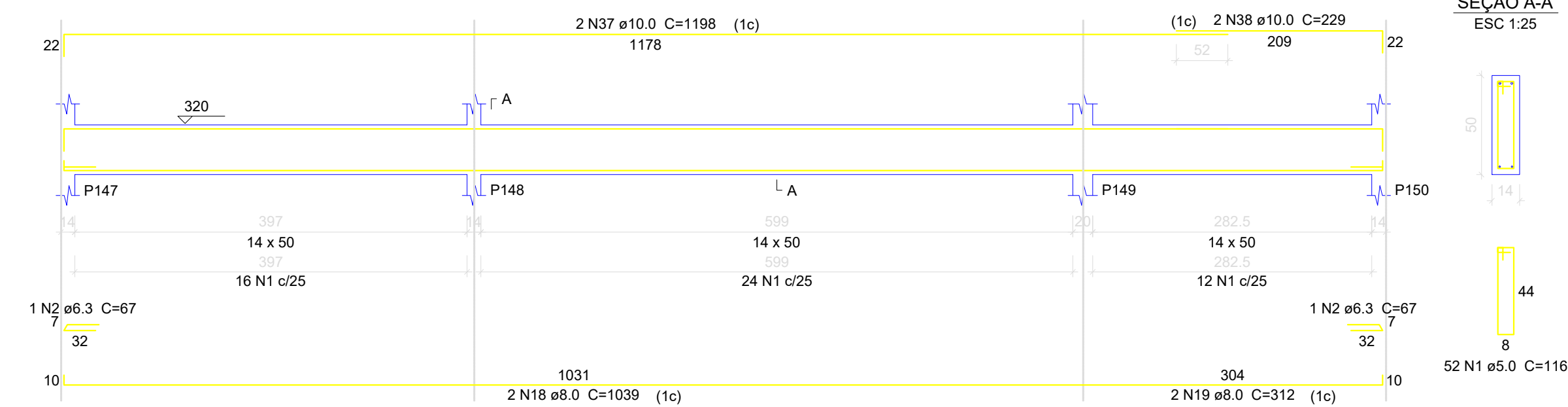
VRC237

ESC 1:50



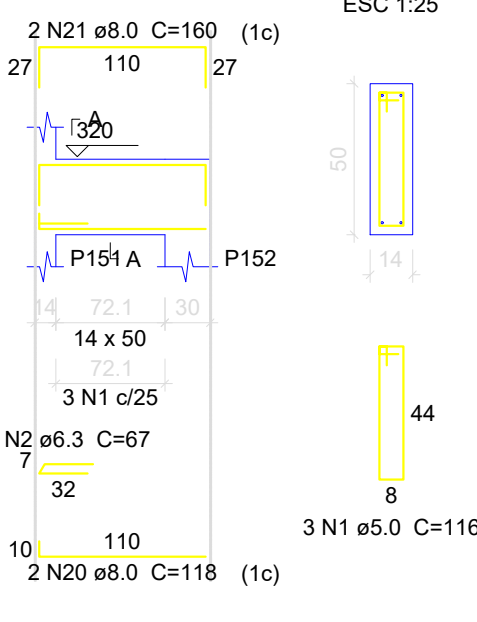
VRC238

ESC 1:50



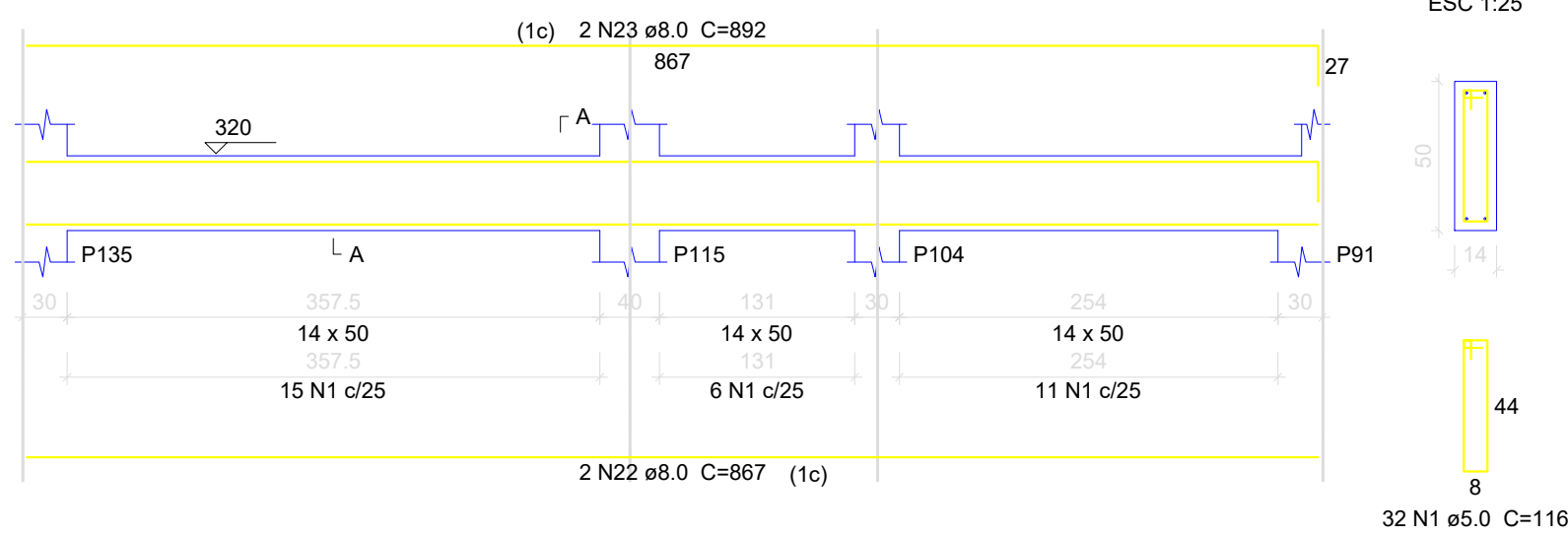
VRC239

ESC 1:50



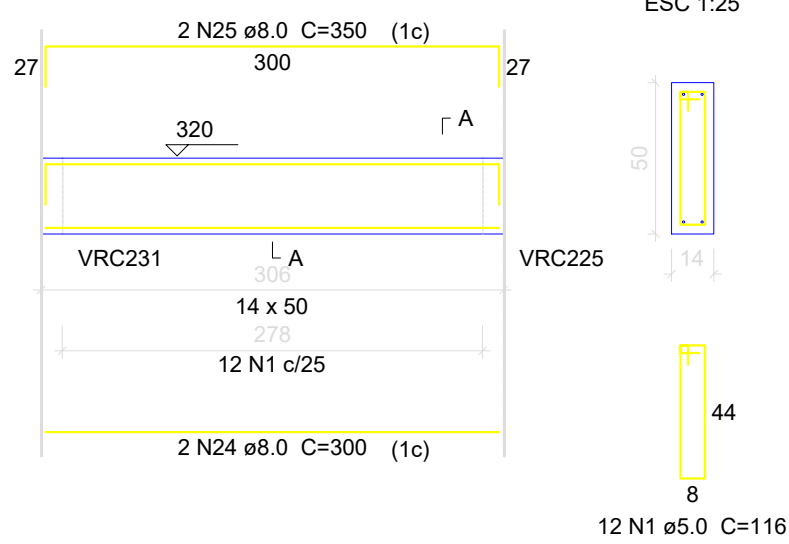
VRC240

ESC 1:50



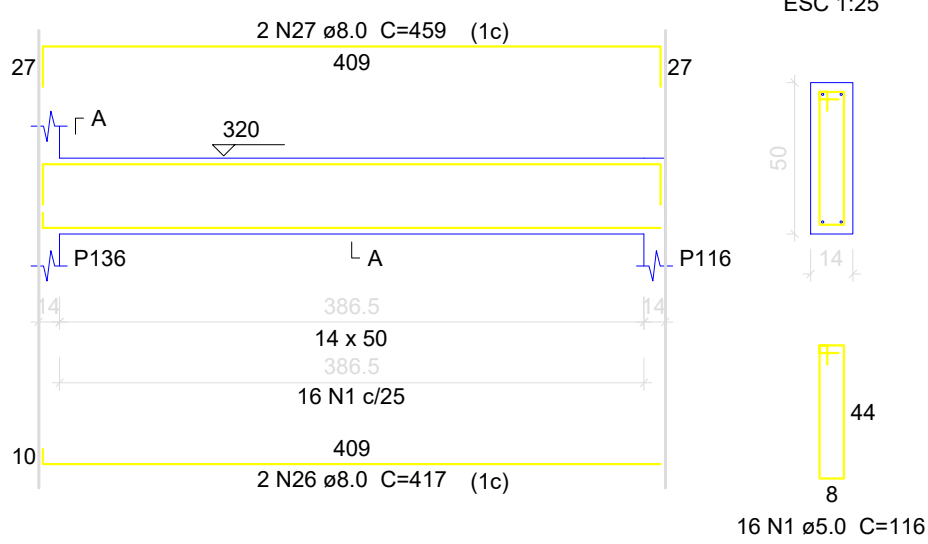
VRC241

ESC 1:50



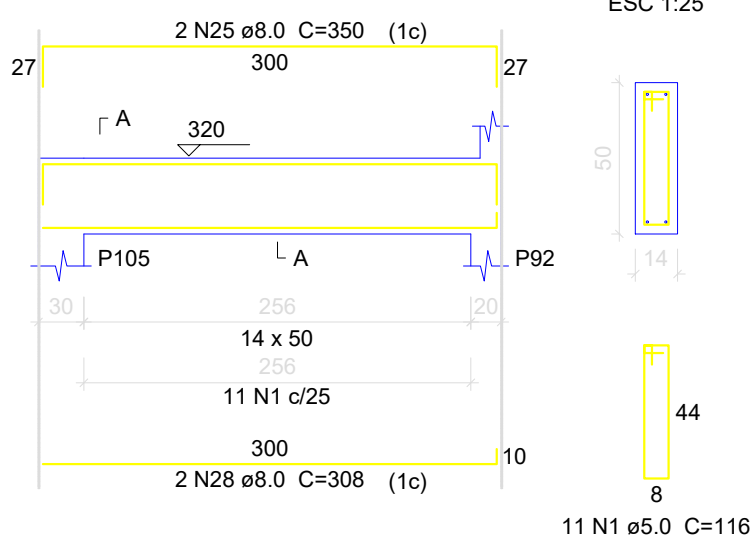
VRC242

ESC 1:50



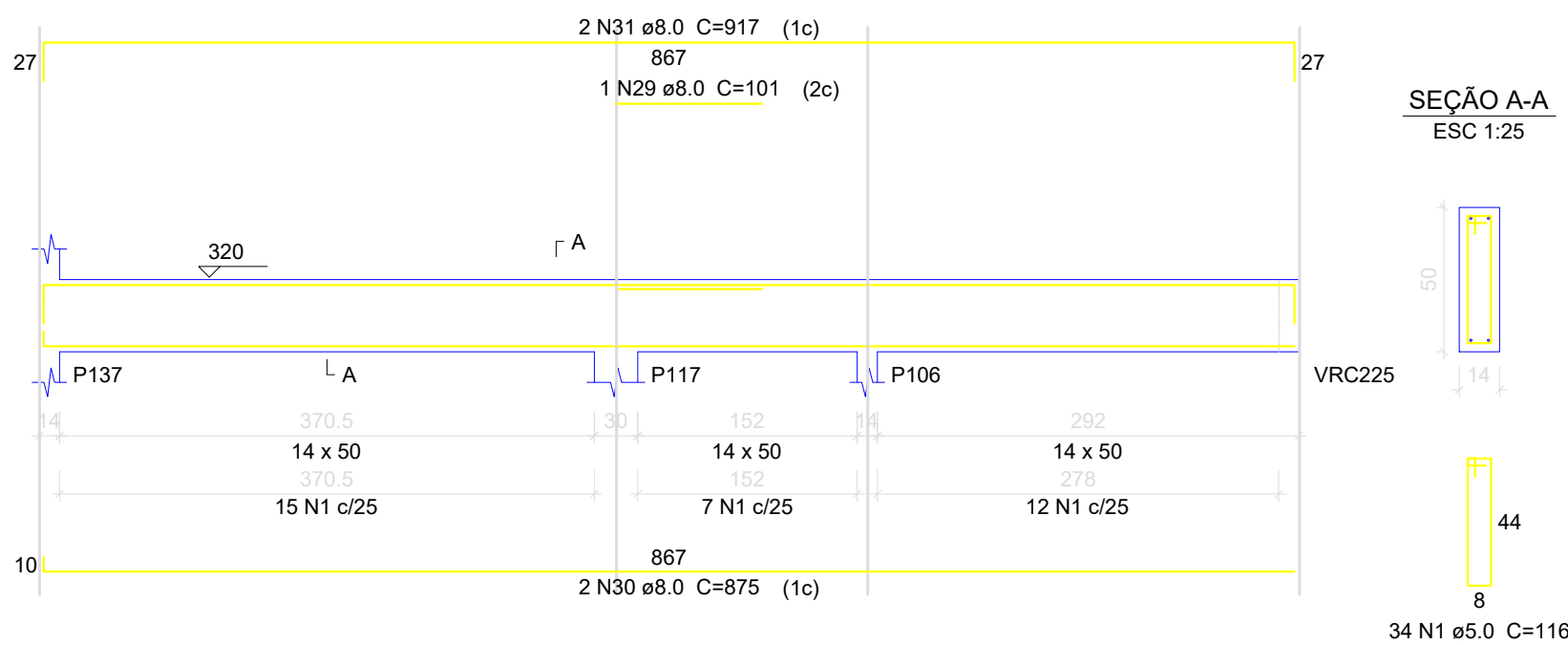
VRC243

ESC 1:50



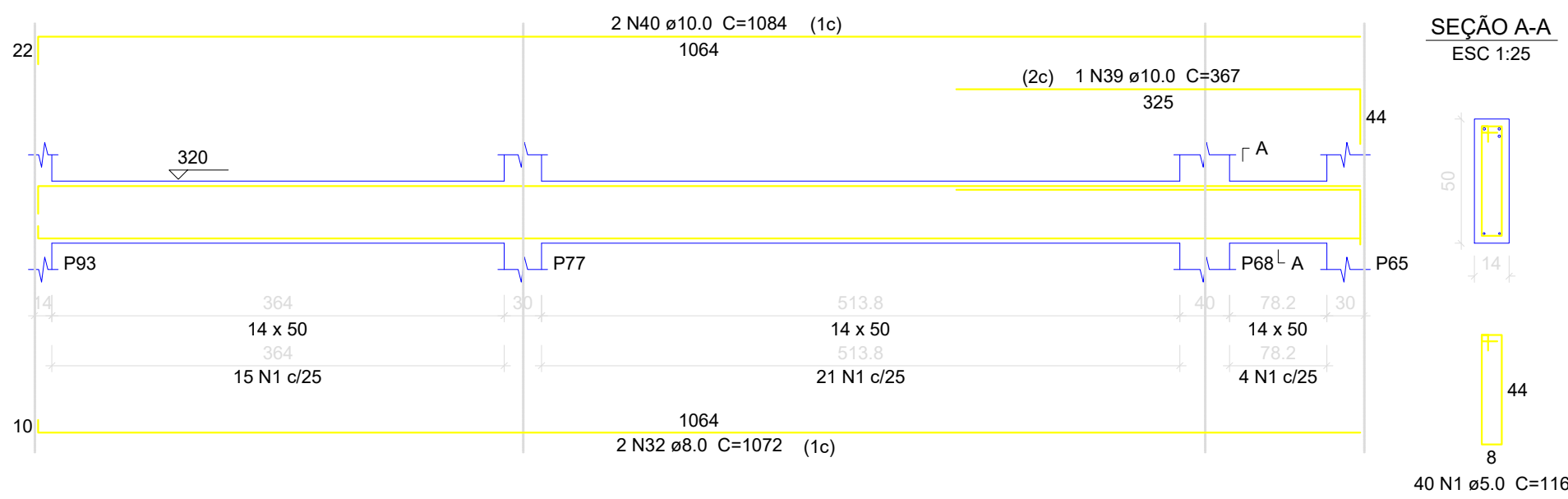
VRC244

ESC 1:50



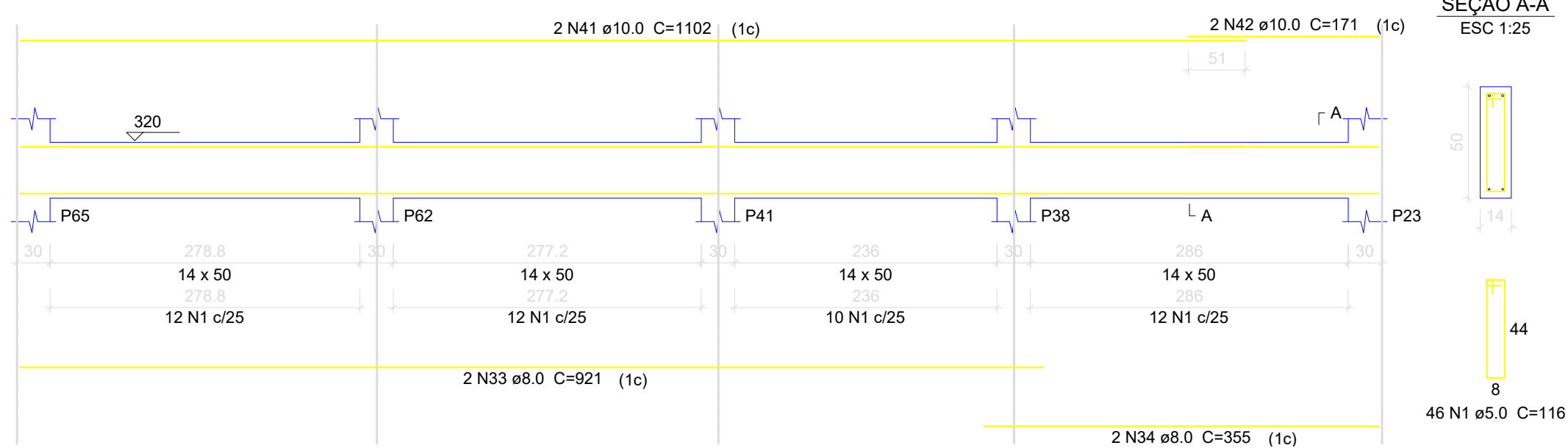
VRC245

ESC 1:50



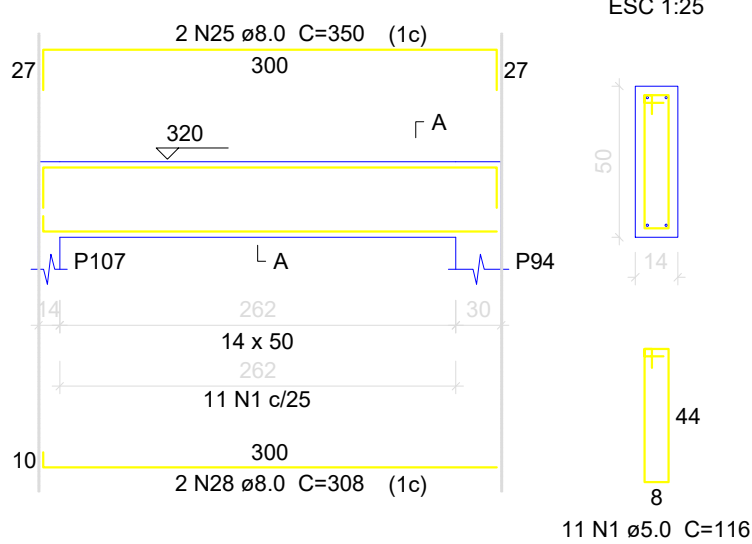
VRC246

ESC 1:50



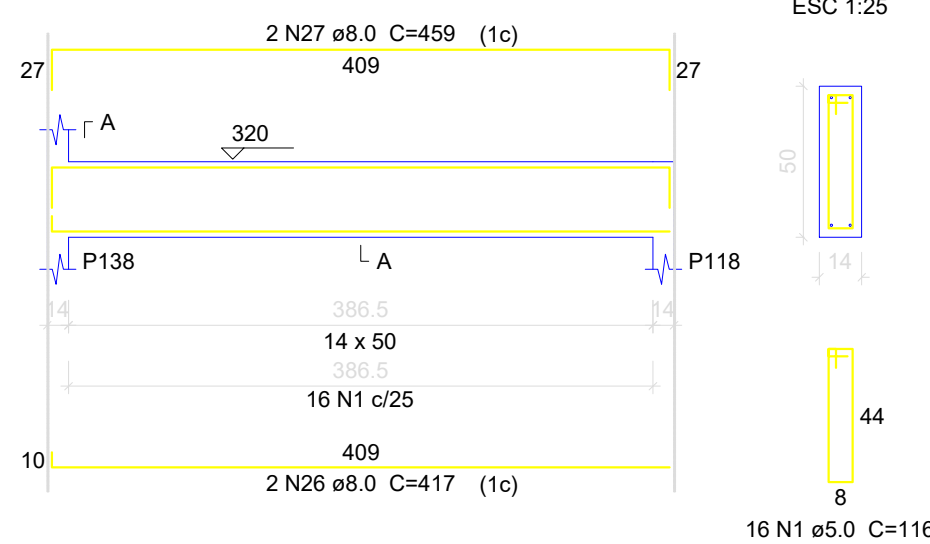
VRC247

ESC 1:50



VRC248

ESC 1:50



 ARQUITETURA E ENGENHARIA -> PROJETOS INDUSTRIAIS / COMERCIAIS / RESIDENCIAIS E PÚBLICAS -> ASSESSORIA / CONSULTORIA -> GESTÃO DE OBRAS -> PERÍCIAS -> EXECUÇÃO DE OBRAS		AV. BRASIL, 1225 - SALA 03 UNIVERSITÁRIO CSP 04609-011 - LACERDOTE TEL: (49) 99923 2944 CNPJ 23.376.410/0001-49	32
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RESP. TÉCN.: Indiamara de Oliveira Ribeiro Eng. Civil - CREA 13.4548-3		PLANTA DAS VIGAS DE RESPALDO DA COBERTURA	
CLIENTE: Prefeitura Municipal de Rio Rufino			
DESENHO:		ESCALA:	DATA: OUT/2022