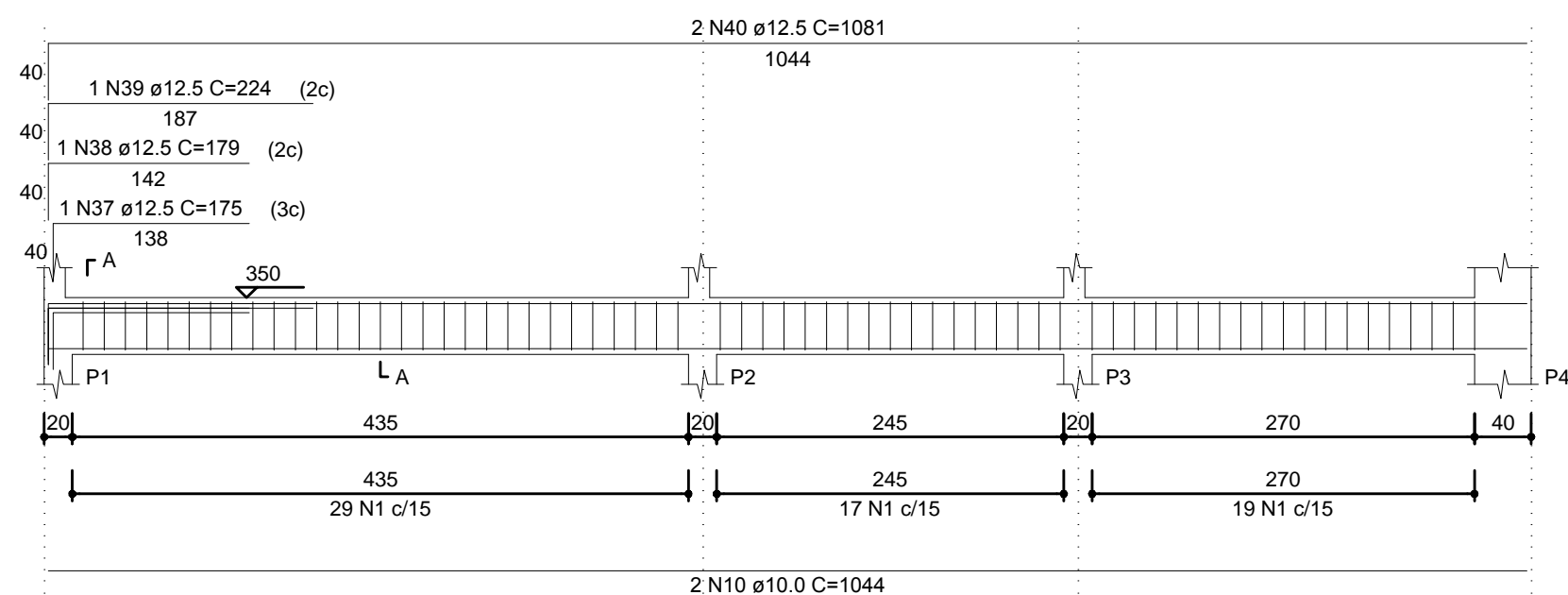


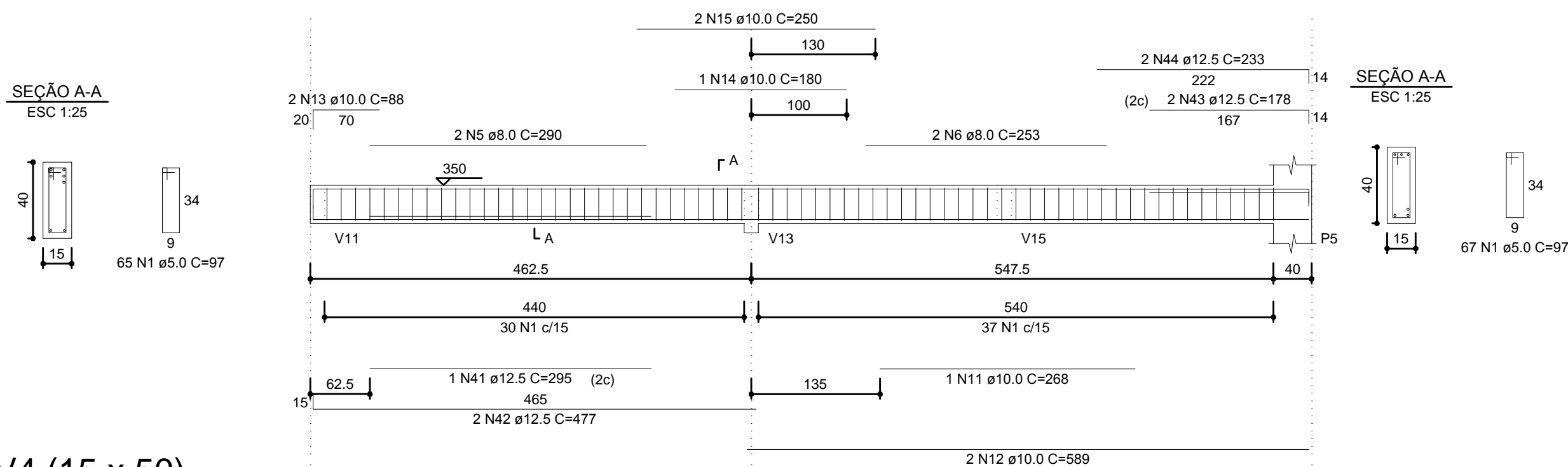
V1 (15 x 40)

ESC 1:50



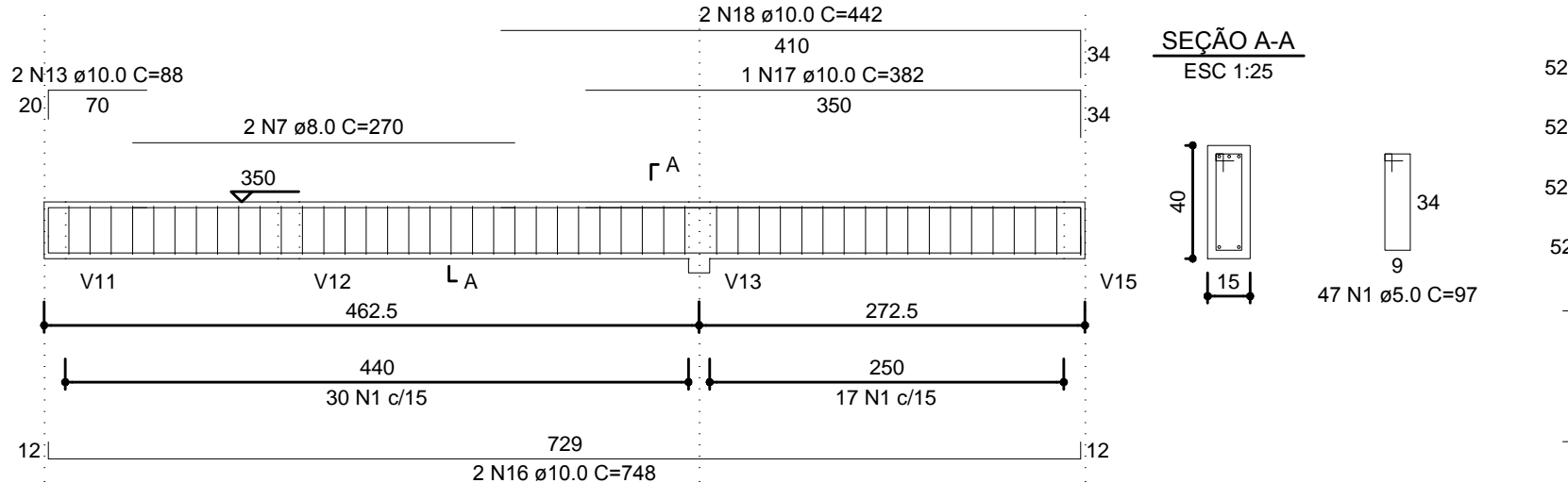
V2 (15 x 40)

ESC 1:50



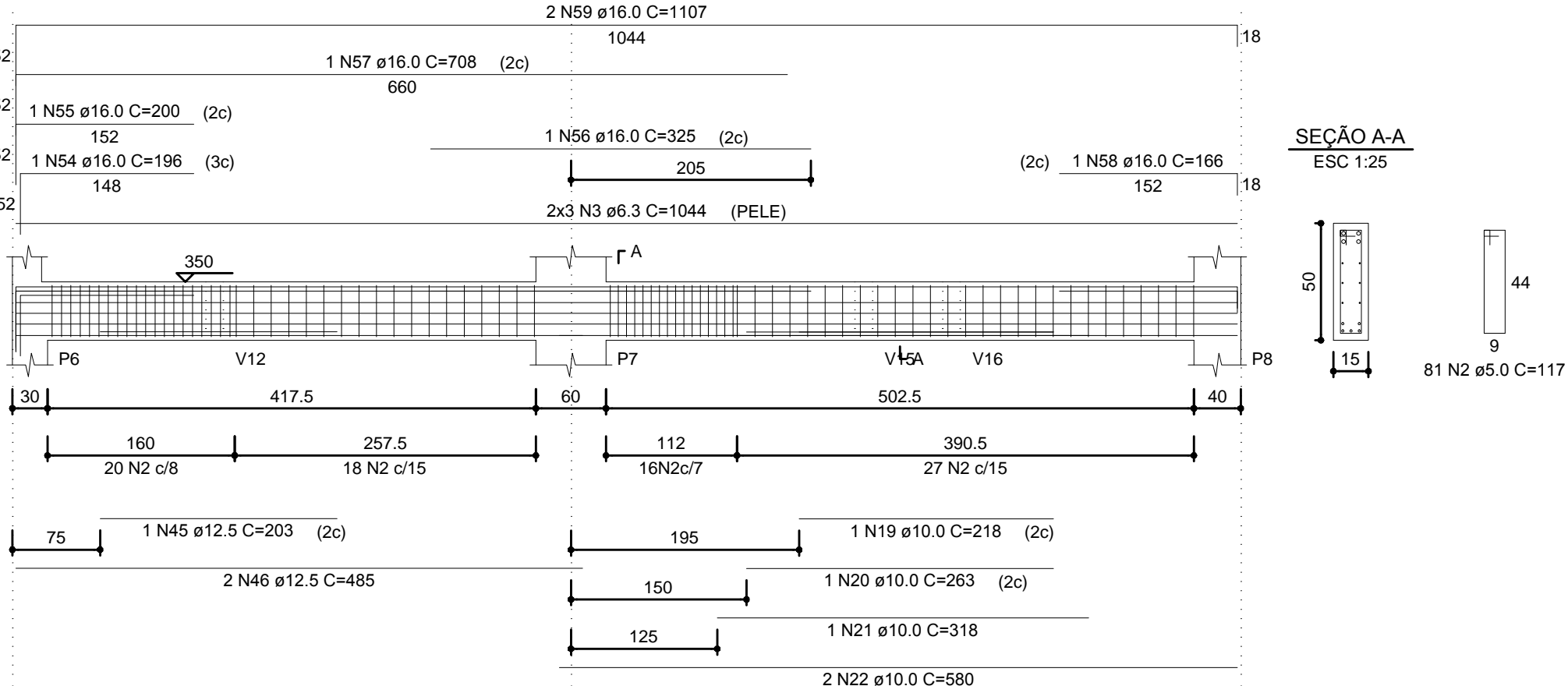
V3 (15 x 40)

ESC 1:50



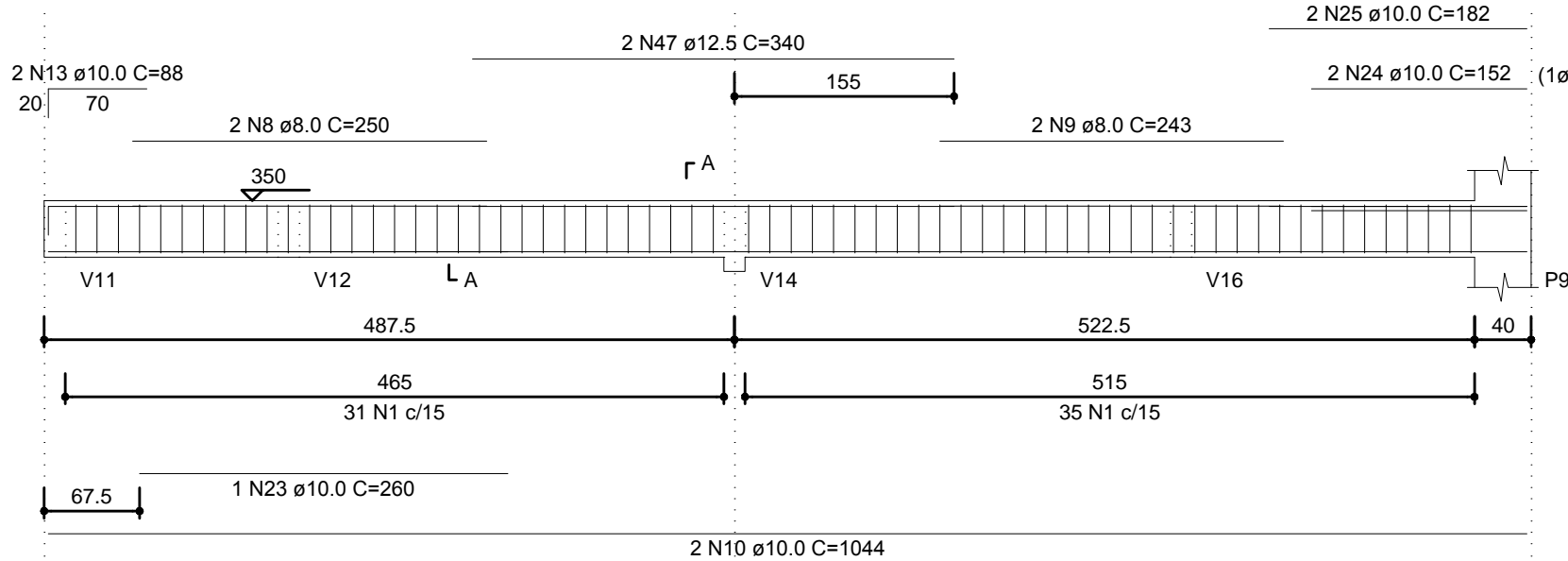
V4 (15 x 50)

ESC 1:50



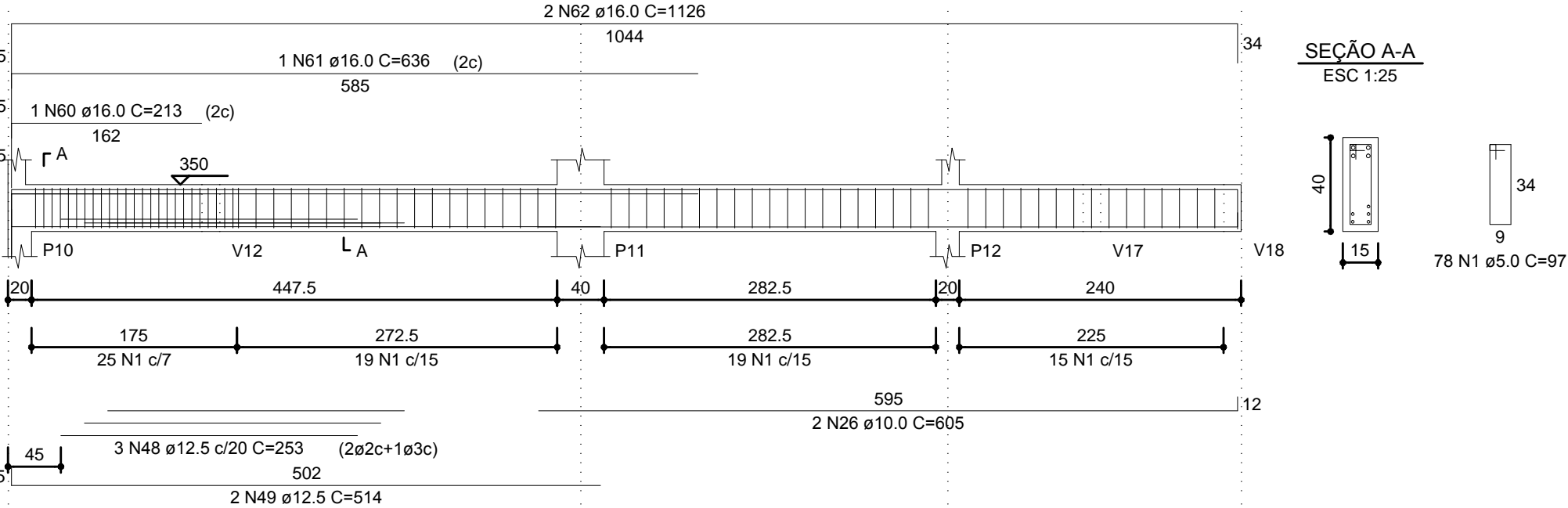
V5 (15 x 40)

ESC 1:50



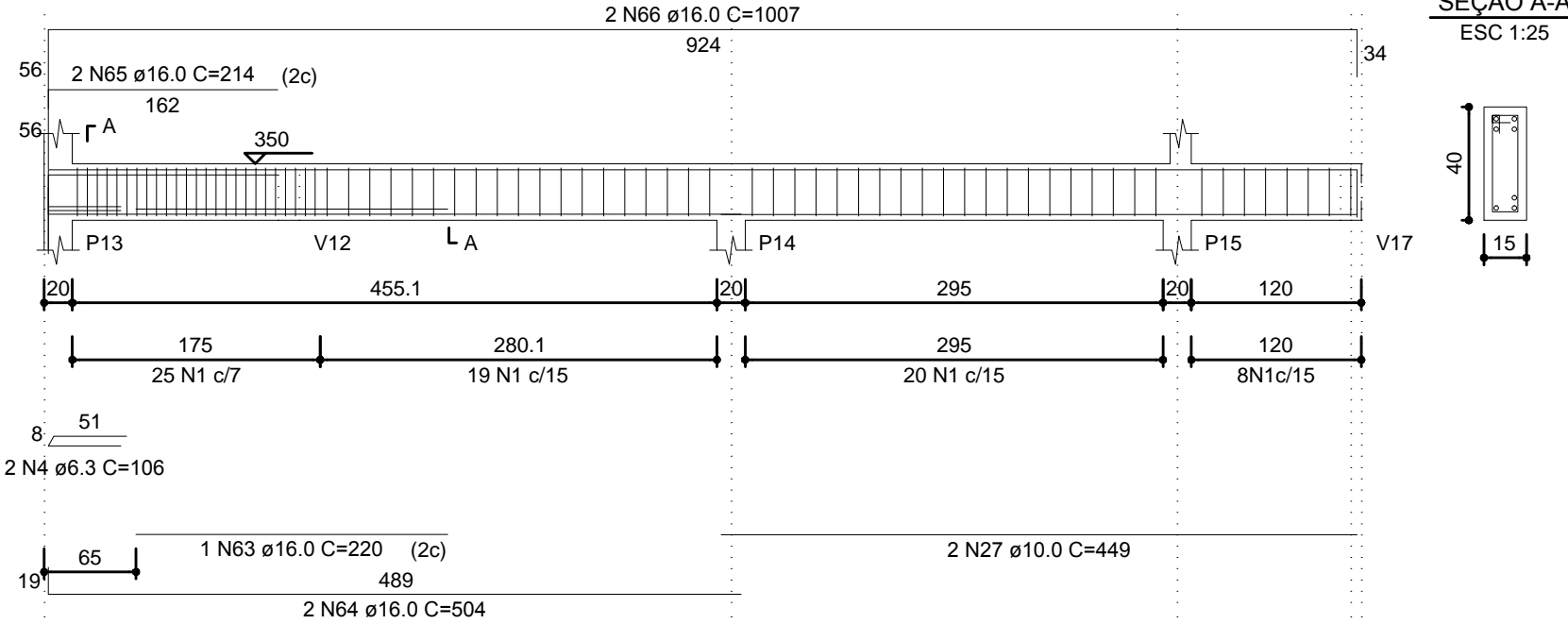
V6 (15 x 40)

ESC 1:50



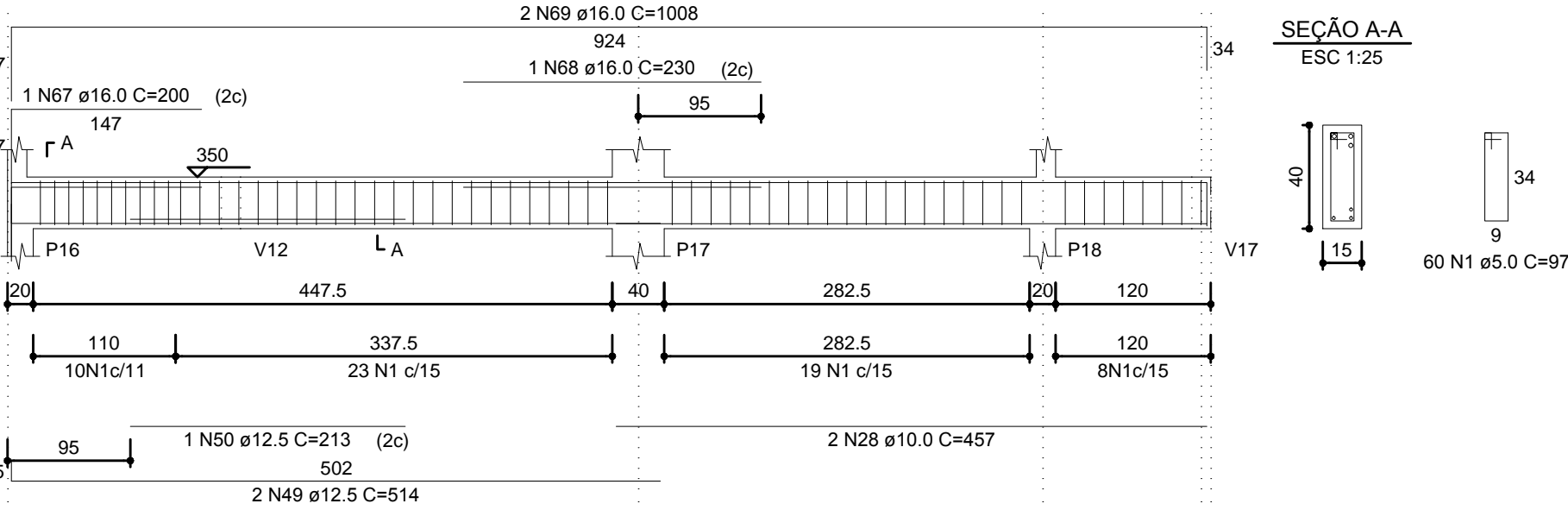
V7 (15 x 40)

ESC 1:50



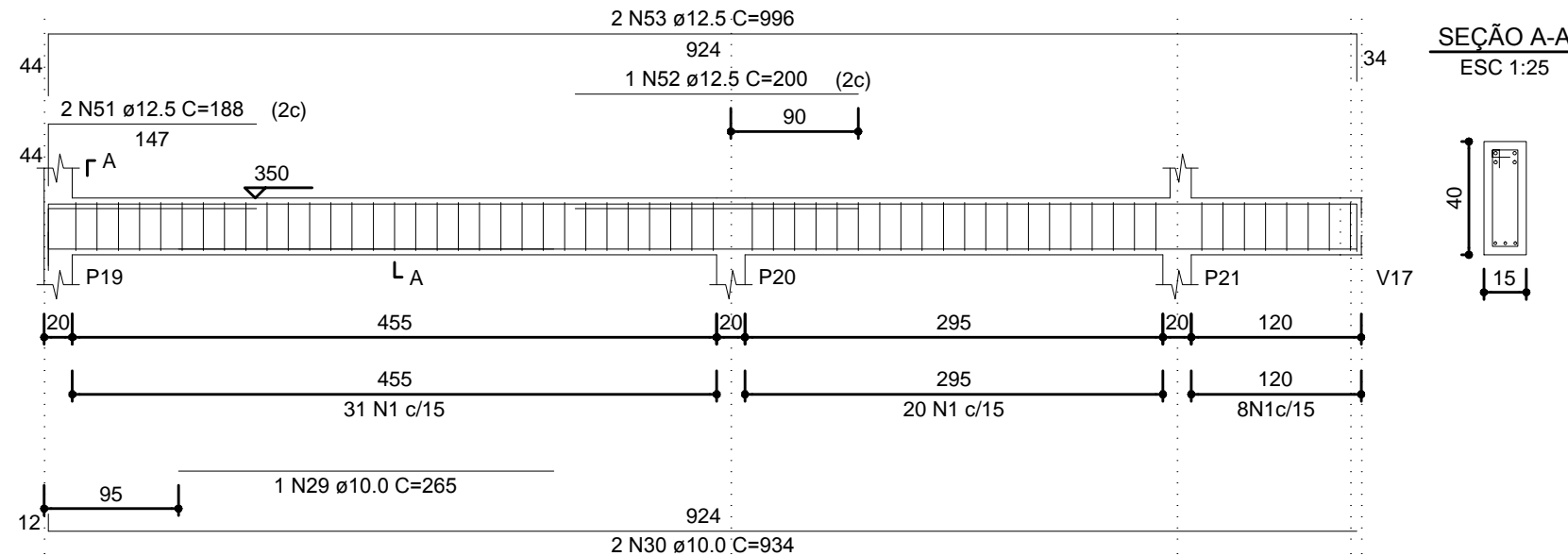
V8 (15 x 40)

ESC 1:50



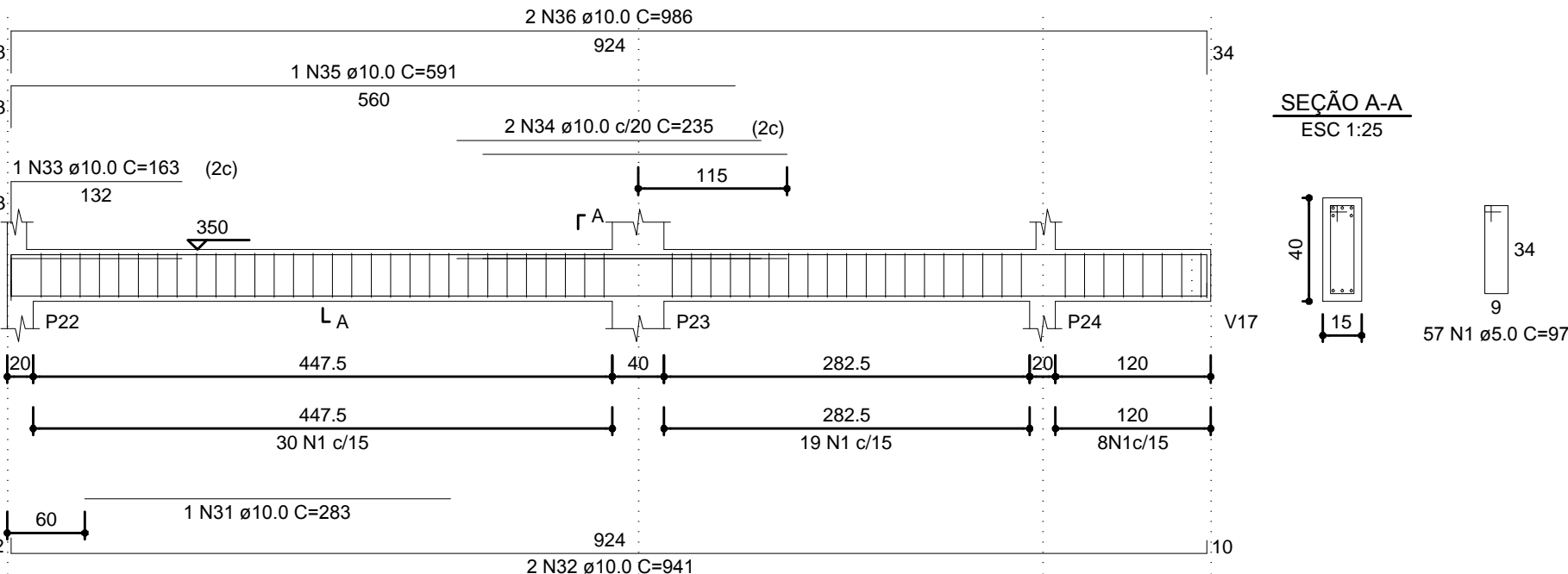
V9 (15 x 40)

ESC 1:50



V10 (15 x 40)

ESC 1:50



RELAÇÃO DO AÇO

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	571	97	55387
CA50	2	5.0	81	117	9477
	3	6.3	6	1044	6264
	4	6.3	2	106	212
	5	8.0	2	290	580
	6	8.0	2	253	506
	7	8.0	2	270	540
	8	8.0	2	250	500
	9	8.0	2	243	486
	10	10.0	4	1044	4176
	11	10.0	2	888	2664
	12	10.0	2	589	1178
	13	10.0	6	88	528
	14	10.0	1	180	180
	15	10.0	2	250	500
	16	10.0	2	748	1496
	17	10.0	1	382	382
	18	10.0	2	442	884
	19	10.0	1	218	218
	20	10.0	1	263	263
	21	10.0	1	318	318
	22	10.0	2	580	1160
	23	10.0	1	260	260
	24	10.0	2	152	304
	25	10.0	2	182	364
	26	10.0	2	605	1210
	27	10.0	2	449	898
	28	10.0	2	457	914
	29	10.0	1	265	265
	30	10.0	2	634	1268
	31	10.0	1	283	283
	32	10.0	2	941	1882
	33	10.0	1	163	163
	34	10.0	2	470	940
	35	10.0	1	591	591
	36	10.0	2	986	1972
	37	12.5	1	175	175
	38	12.5	1	179	179
	39	12.5	1	224	224
	40	12.5	2	1081	2162
	41	12.5	1	295	295
	42	12.5	2	477	954
	43	12.5	2	178	356
	44	12.5	2	233	466
	45	12.5	1	203	203
	46	12.5	2	485	970
	47	12.5	2	340	680
	48	12.5	3	253	759
	49	12.5	4	514	2056
	50	12.5	1	213	213
	51	12.5	2	188	376
	52	12.5	1	200	200
	53	12.5	2	996	1992
	54	16.0	1	196	196
	55	16.0	1	200	200
	56	16.0	1	325	325
	57	16.0	1	708	708
	58	16.0	1	166	166
	59	16.0	2	1107	2214
	60	16.0	1	213	213
	61	16.0	1	636	636
	62	16.0	2	1126	2252
	63	16.0	1	220	220
	64	16.0	2	504	1008
	65	16.0	2	214	428
	66	16.0	2	1007	2014
	67	16.0	1	200	200
	68	16.0	1	230	230
	69	16.0	2	1008	2016

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO (kg)
CA50	6.3	64.8	15.66
	8.0	26.1	10.17
	10.0	230	140.4
	12.5	122.6	116.91
	16.0	130.3	203.58
CA60	5.0	648.6	99
PESO TOTAL (kg)			
CA50	471.06		
CA60	99		

Volume de concreto (C-30) = 5.98 m³
Área de forma = 94.30 m²

PREFEITURA MUNICIPAL

Administração 2021 / 2024

ADMINISTRAÇÃO	RESP. TÉCNICO	PROJECHA
		07/13
		PROJETO
		ESTRUTURAL
OBRA	REFORMA E AMPLIAÇÃO CMEI NONA LUIZA	ÁREA Área da edificação Existente: 755,65 m² Área de Reforma: 244,61 m² Área a Ampliar: 228,80 m² Área Total: 984,45 m²
ESPECIFICAÇÕES	DATA	SETEMBRO / 2021
DETALHE VIGAS TÉRREO	LOFE	QUADRA
	5/6	01
LOCAL	RUA PAULO ANTONIO DE GODOY BAIRRO DA LUZ	ESCALA
INDICADA	DOIS VIZINHOS	PARANÁ
ARQUIVO		

Detalhe Vigas Térreo
Escala 1:50