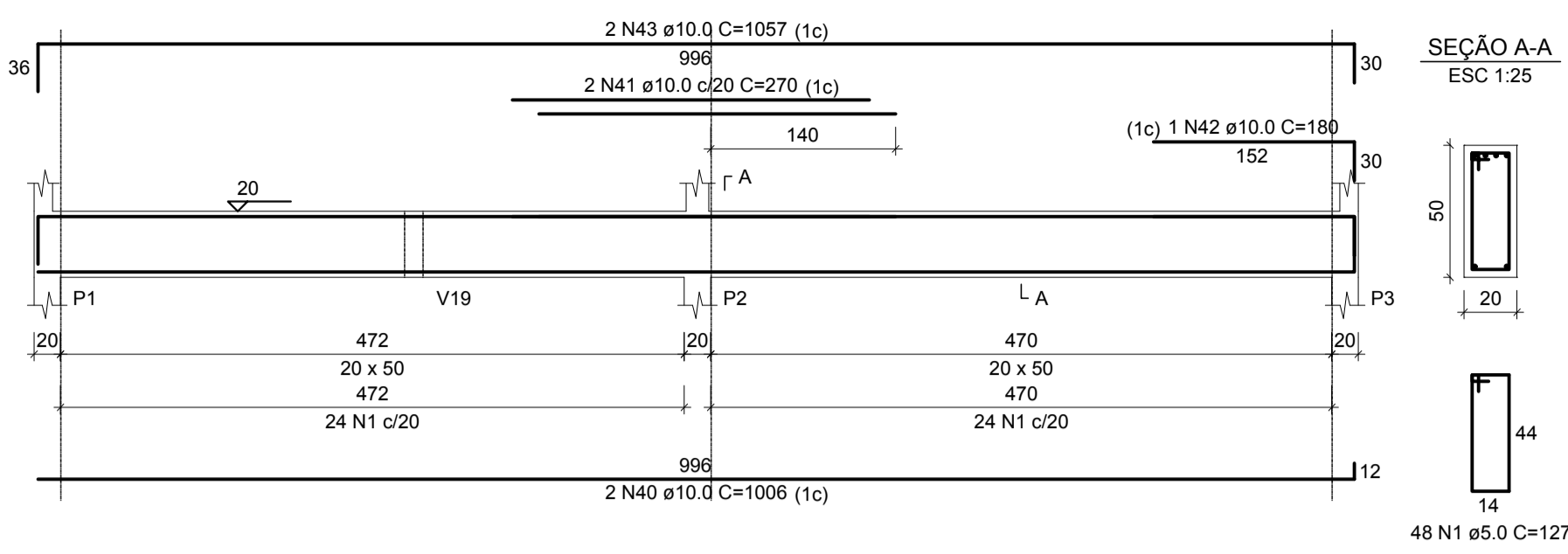
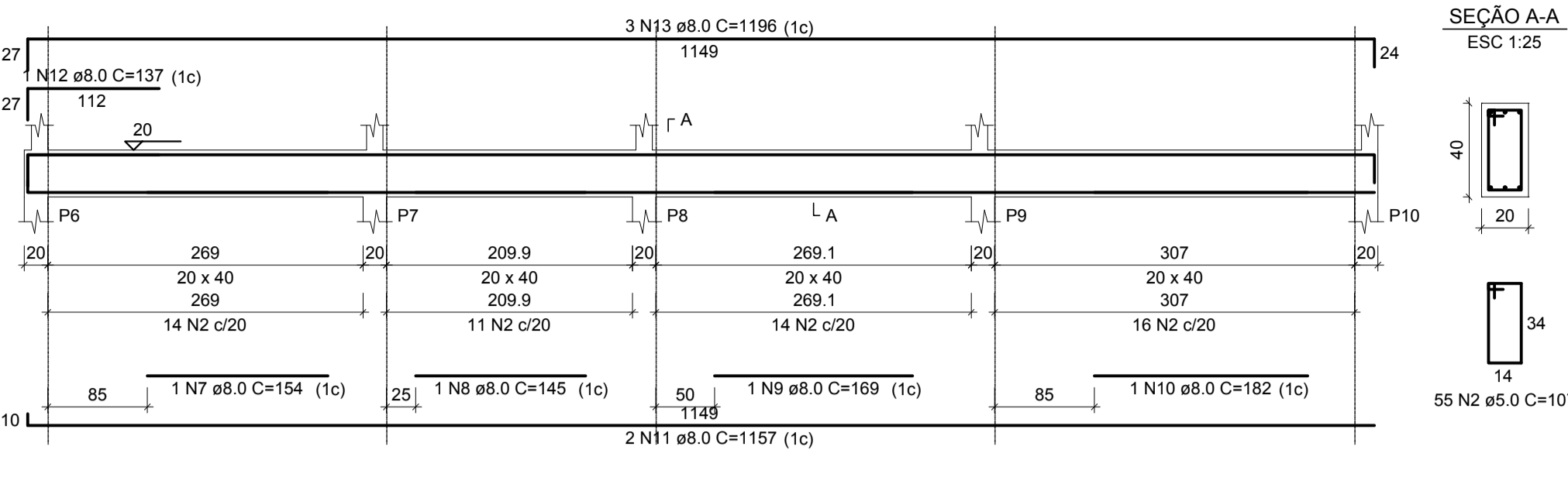


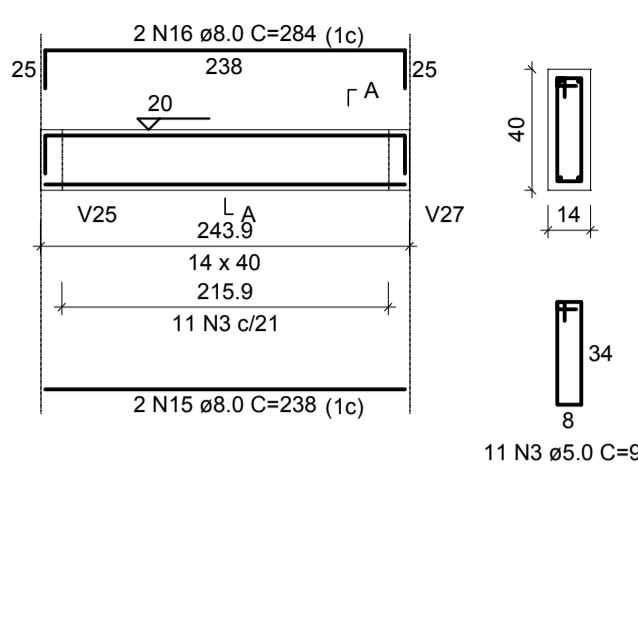
V1 (20 x 50)
ESC 1:50



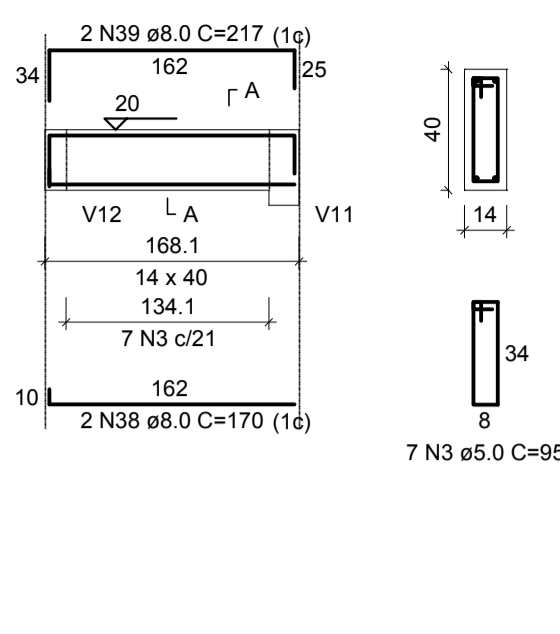
V2 (20 x 40)
ESC 1:50



V4 (14 x 40)
ESC 1:50



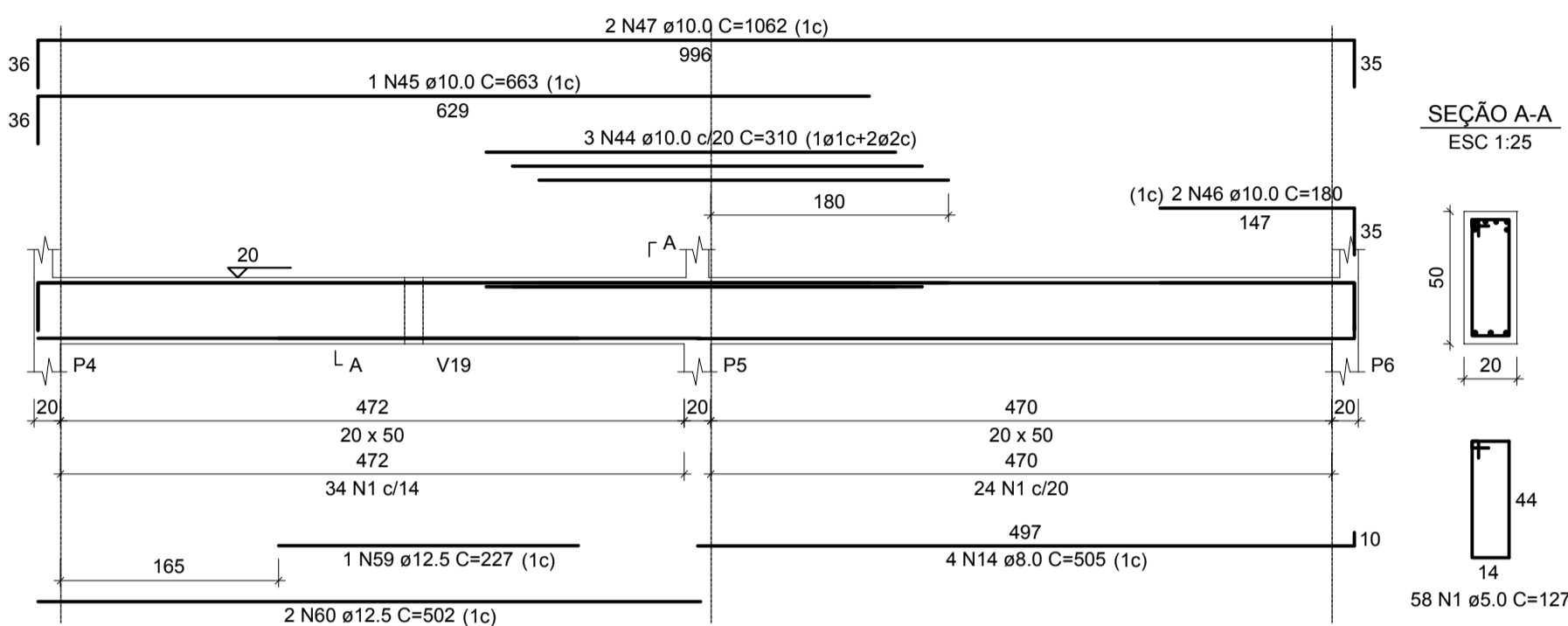
V30 (14 x 40)
ESC 1:50



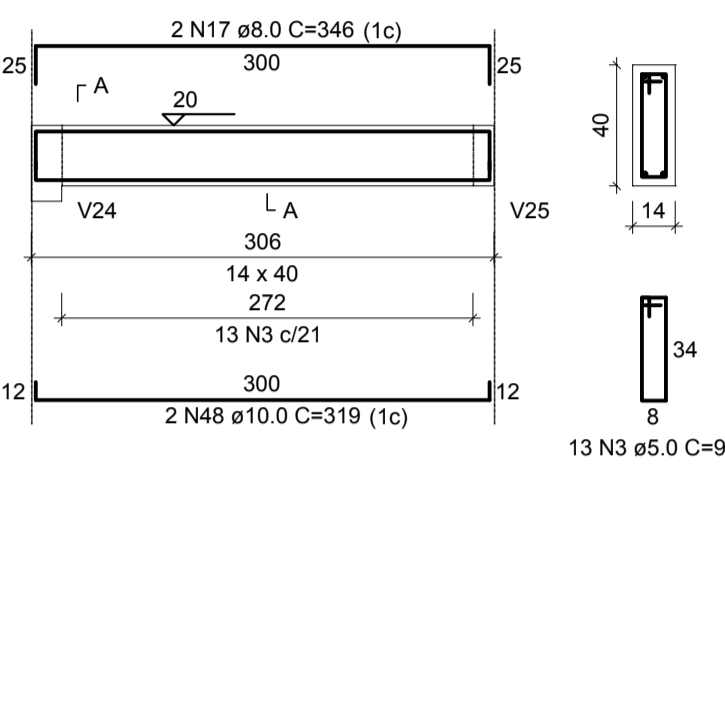
RELAÇÃO DO AÇO

ACO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	338	127	42926
	2	5.0	107	107	5885
	3	5.0	141	95	13395
	4	5.0	2	237	474
	5	5.0	29	115	3335
	6	6.3	2	91	182
	7	8.0	1	154	154
	8	8.0	1	145	145
	9	8.0	1	169	169
	10	8.0	1	182	182
	11	8.0	1	1157	4628
	12	8.0	1	137	137
	13	8.0	3	1196	3588
	14	8.0	8	505	4040
	15	8.0	2	238	476
	16	8.0	2	284	568
	17	8.0	4	346	1384
	18	8.0	2	294	588
	19	8.0	2	350	700
	20	8.0	2	528	1056
	21	8.0	1	130	130
	22	8.0	2	574	1148
	23	8.0	2	512	1024
	24	8.0	2	300	600
	25	8.0	2	1007	2014
	26	8.0	2	261	522
	27	8.0	2	361	722
	28	8.0	2	391	782
	29	8.0	2	249	498
	30	8.0	2	287	574
	31	8.0	2	536	1072
	32	8.0	2	584	1168
	33	8.0	2	162	324
	34	8.0	2	195	390
	35	8.0	1	255	255
	36	8.0	1	482	482
	37	8.0	2	846	1692
	38	8.0	2	170	340
	39	8.0	2	217	434
	40	10.0	2	1006	2012
	41	10.0	2	270	540
	42	10.0	1	180	180
	43	10.0	2	1057	2114
	44	10.0	3	310	930
	45	10.0	1	663	663
	46	10.0	2	180	360
	47	10.0	2	1062	2124
	48	10.0	2	319	638
	49	10.0	2	310	620
	50	10.0	2	499	998
	51	10.0	2	1063	2126
	52	10.0	2	210	420
	53	10.0	2	338	676
	54	10.0	1	285	285
	55	10.0	2	833	1666
	56	10.0	2	846	1692
	57	10.0	2	461	922
	58	10.0	2	495	990
	59	12.5	1	227	227
	60	12.5	2	502	1004
	61	12.5	1	349	349
	62	12.5	2	513	1026
	63	16.0	2	100	200
	64	16.0	2	738	1476
	65	16.0	2	1196	2392
	66	16.0	2	303	606
	67	16.0	1	360	360
	68	16.0	2	1196	2392
	69	16.0	2	279	558

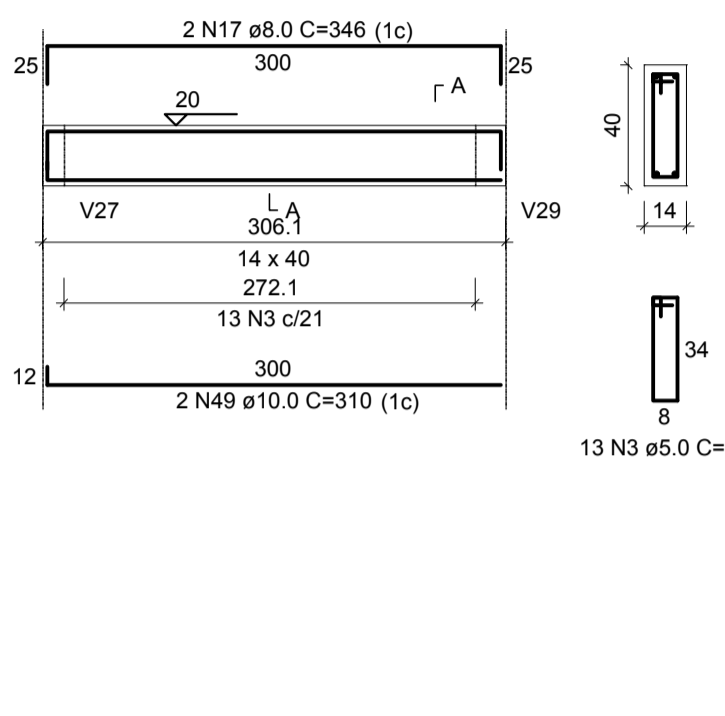
V3 (20 x 50)
ESC 1:50



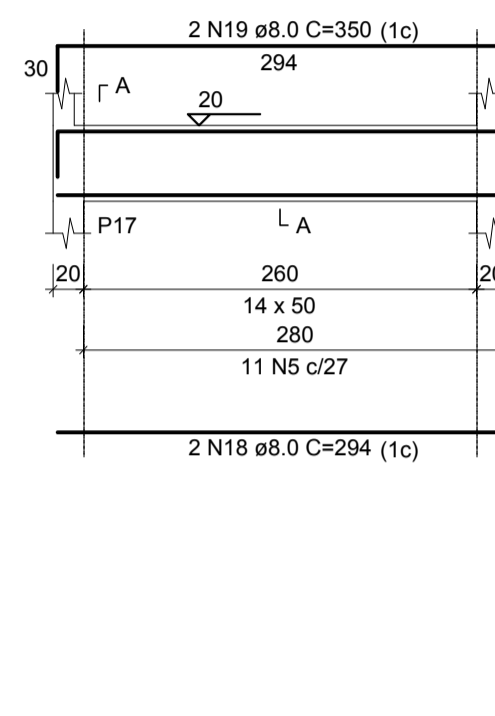
V5 (14 x 40)
ESC 1:50



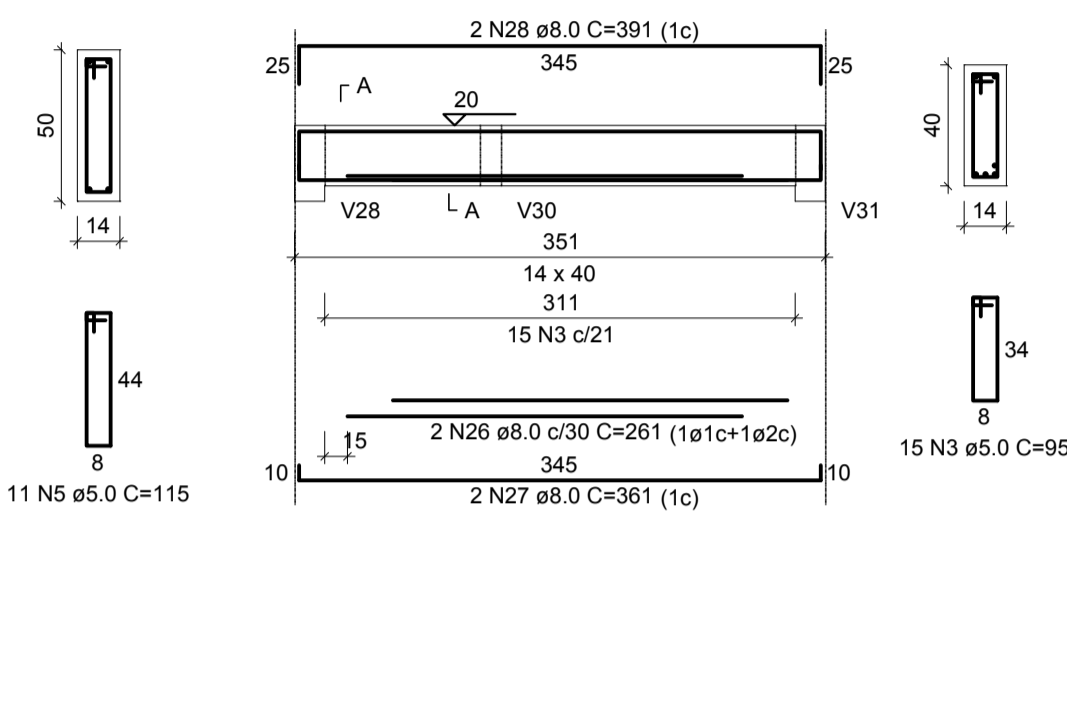
V6 (14 x 40)
ESC 1:50



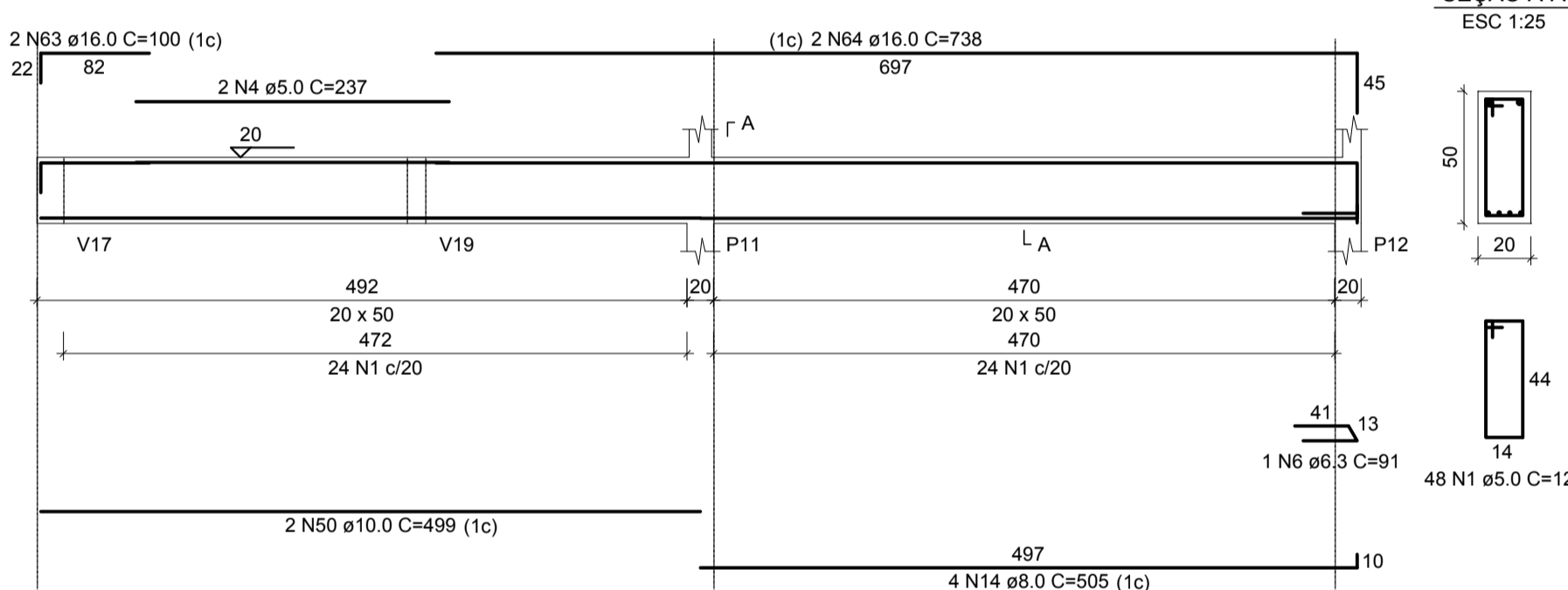
V9 (14 x 50)
ESC 1:50



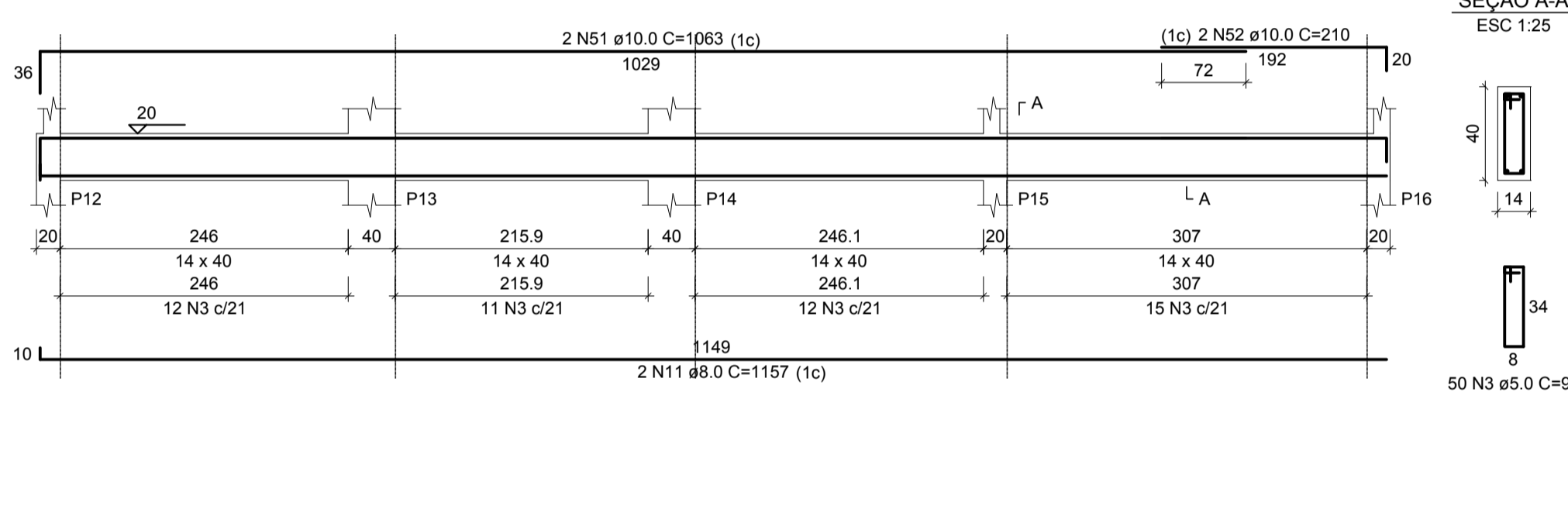
V12 (14 x 40)
ESC 1:50



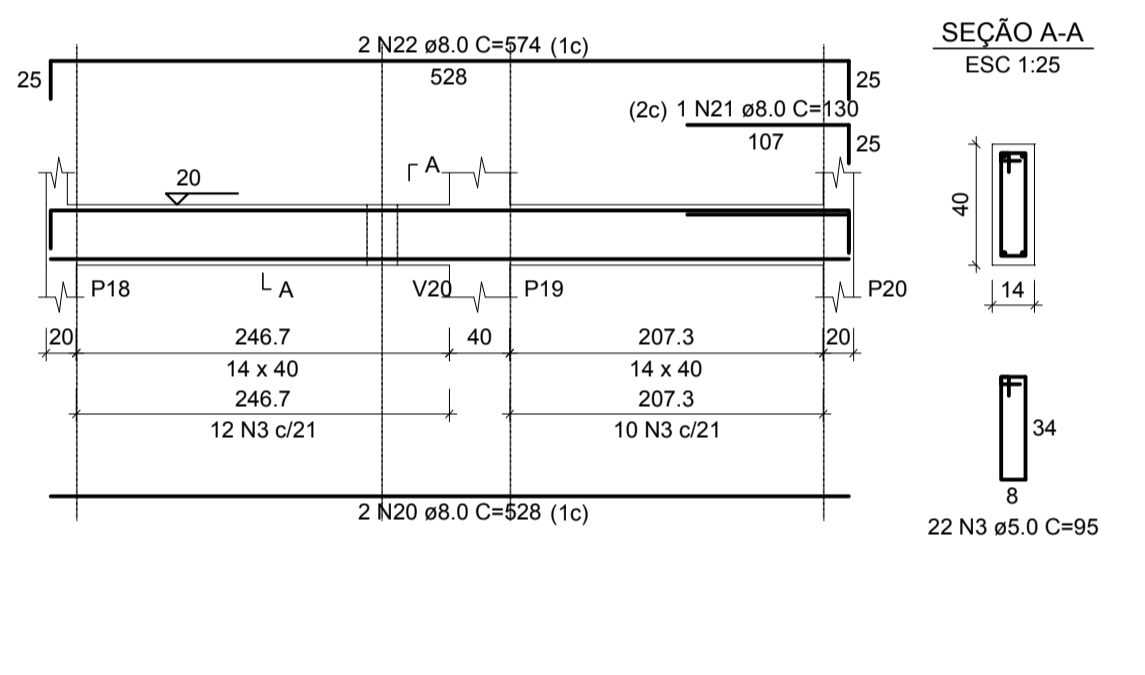
V7 (20 x 50)
ESC 1:50



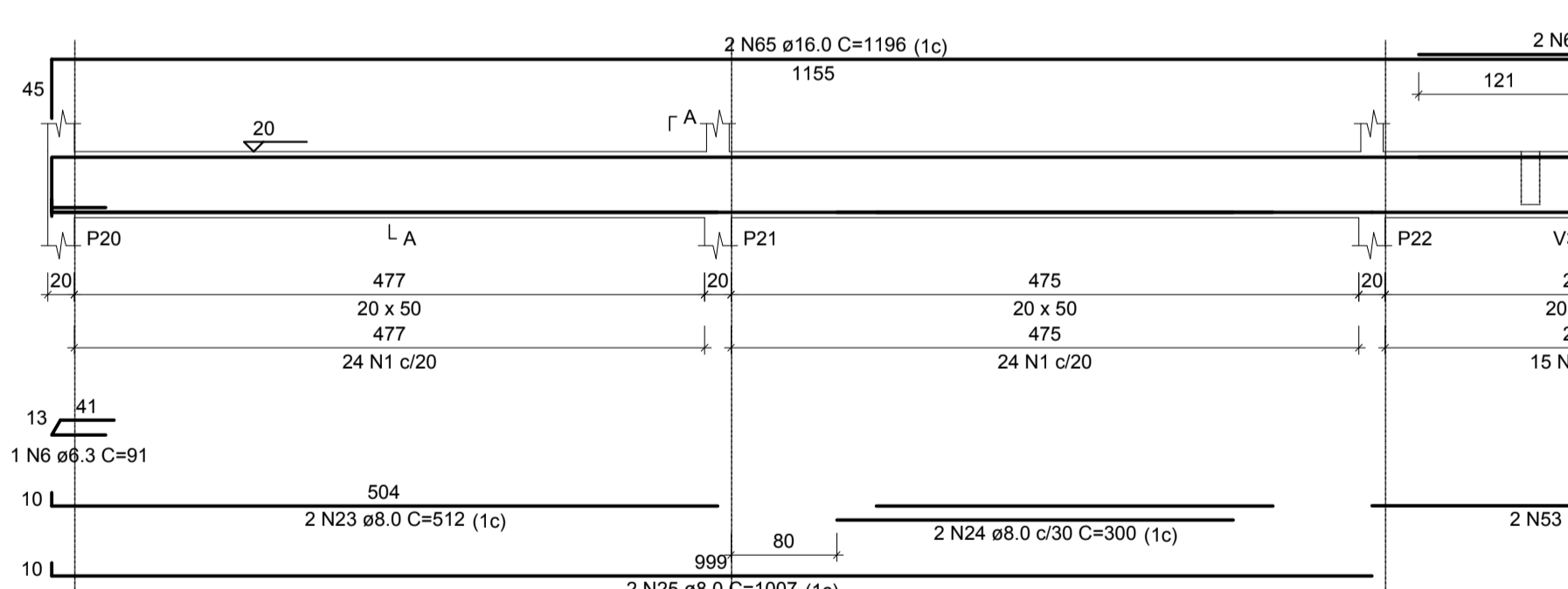
V8 (14 x 40)
ESC 1:50



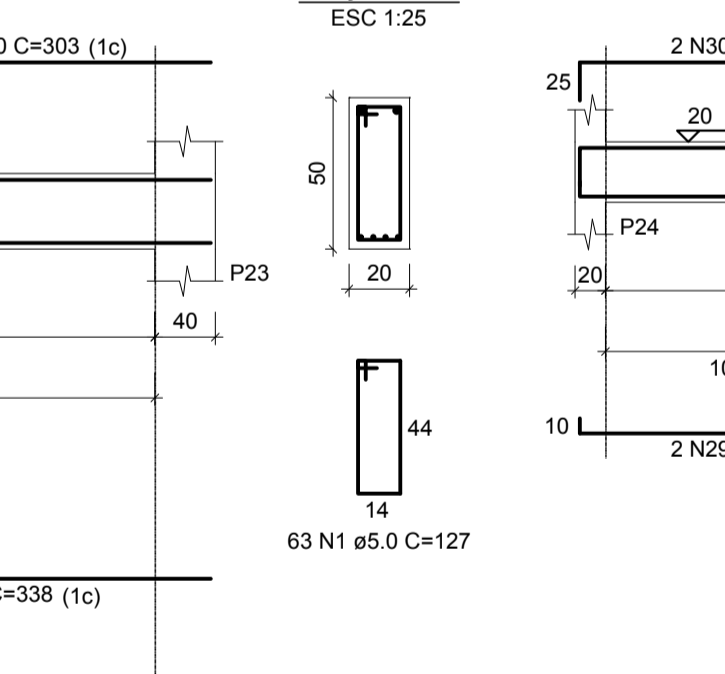
V10 (14 x 40)
ESC 1:50



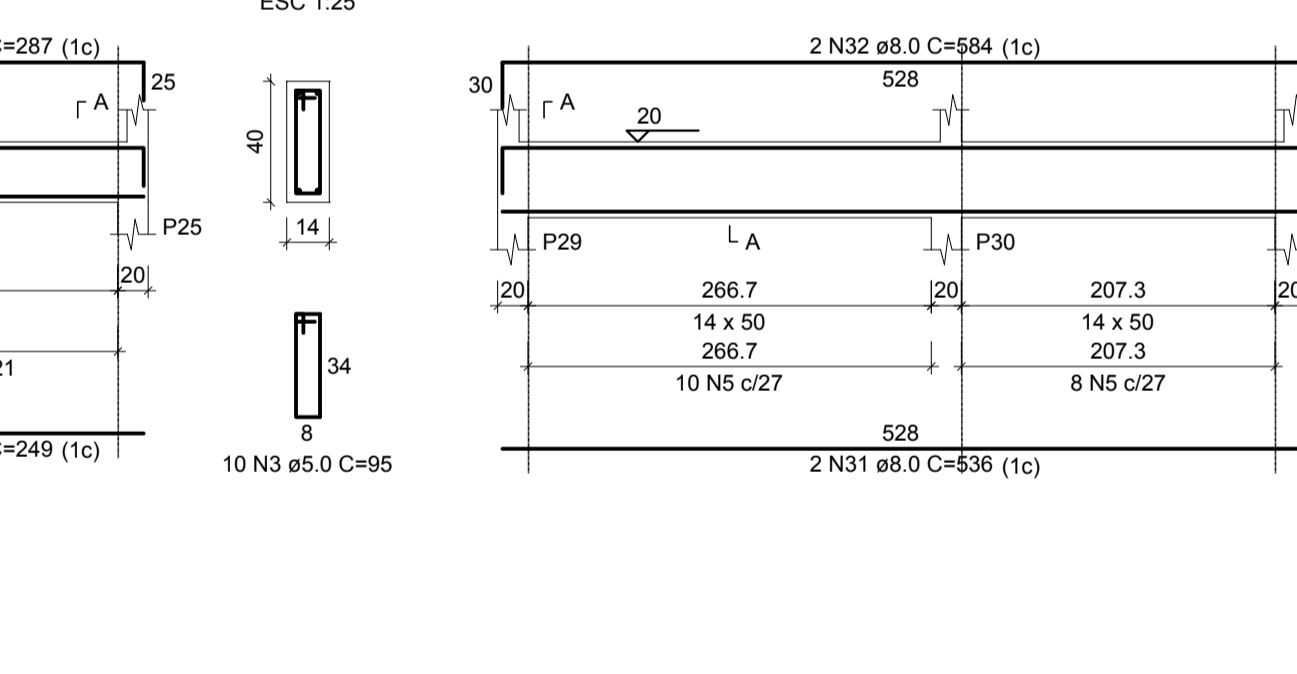
V11 (20 x 50)
ESC 1:50



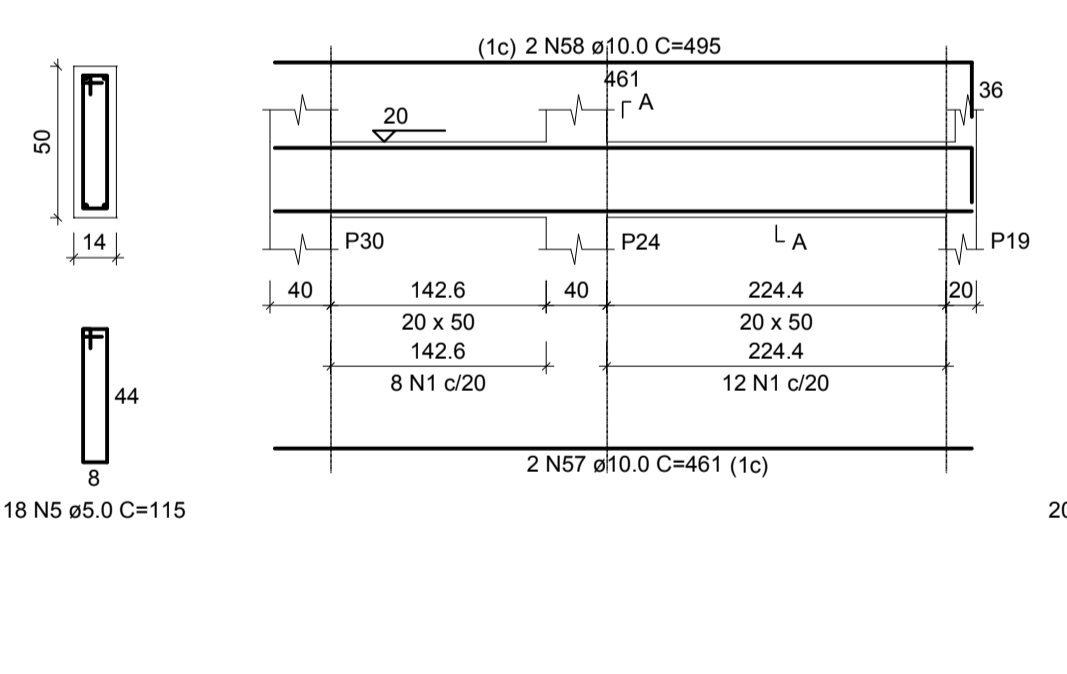
V13 (14 x 40)
ESC 1:50



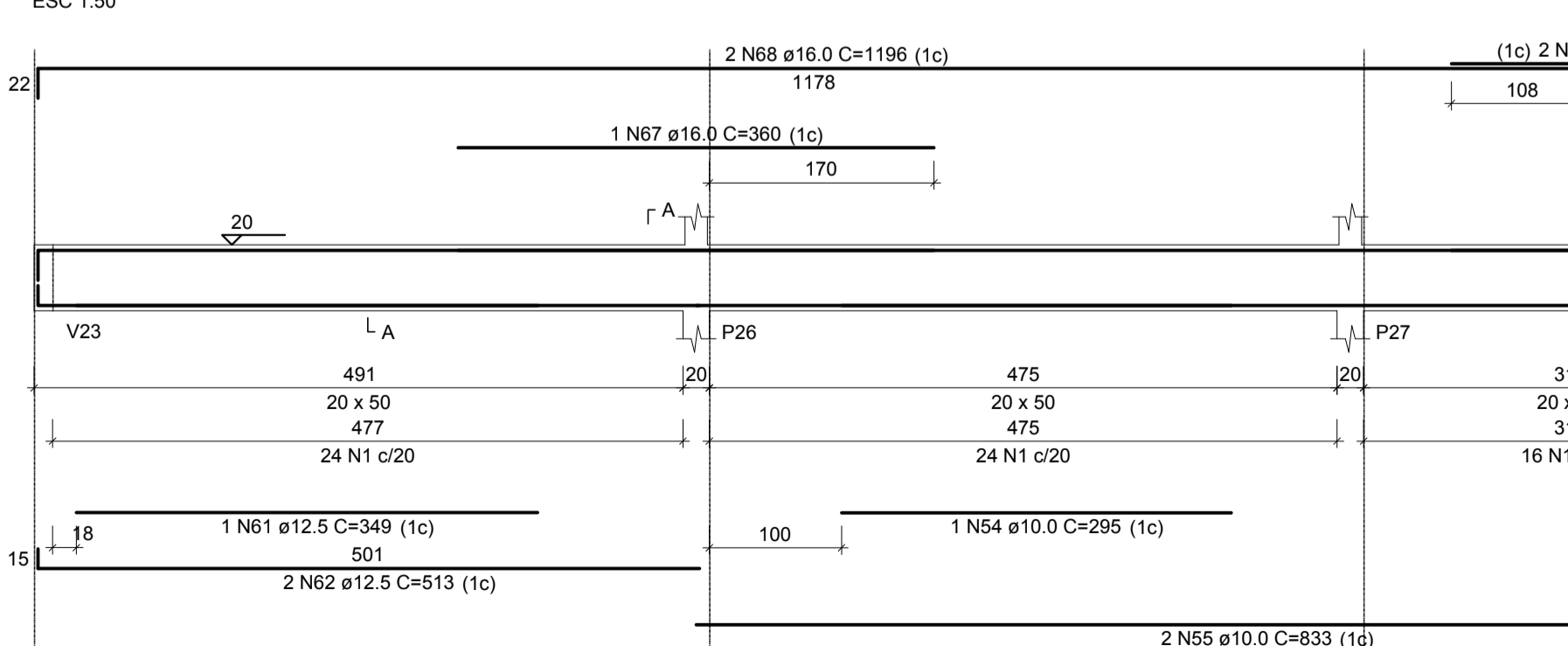
V15 (14 x 50)
ESC 1:50



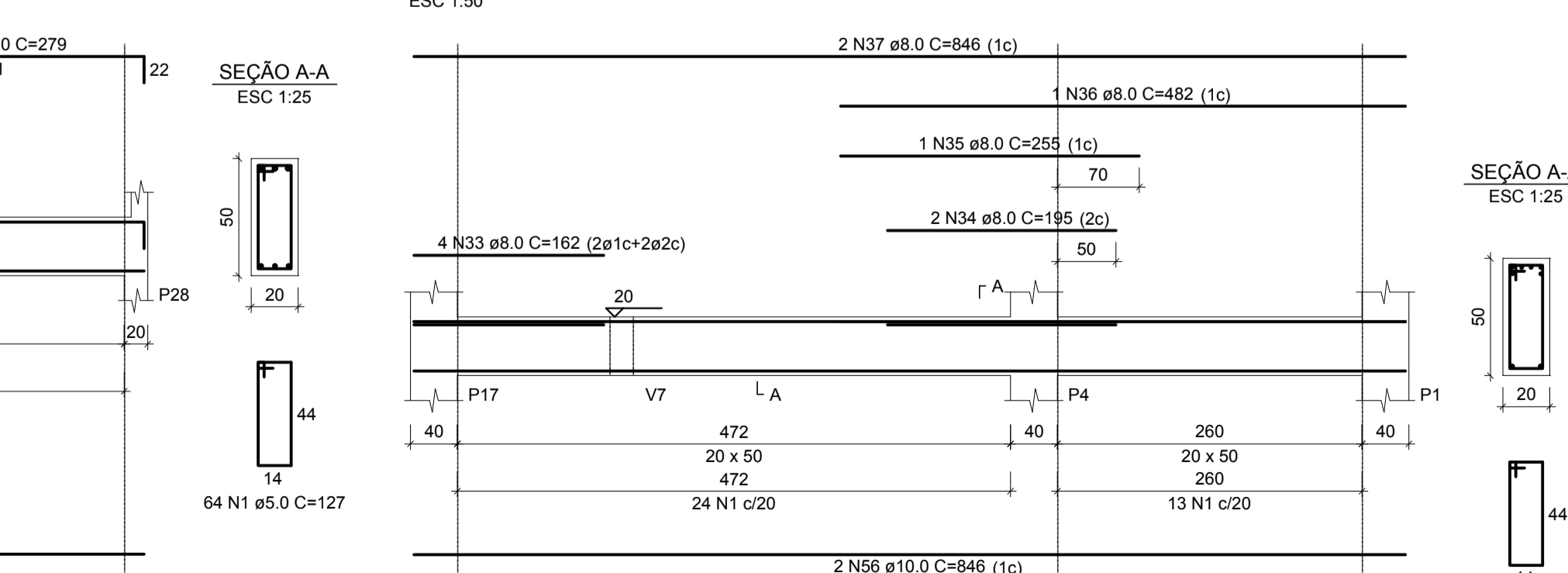
V21 (20 x 50)
ESC 1:50



V14 (20 x 50)
ESC 1:50



V17 (20 x 50)
ESC 1:50



RESUMO DO AÇO

ACO	DIAM (mm)	C.TOTAL (m)	PESO + 0% (kg)
CA50	6.3	1.8	0.4
	8.0	323.1	127.5
	10.0	199.7	123.1
	12.5	26.1	25.1
	16.0	79.8	126
	5.0	660.1	101.8

PESO TOTAL (kg)

CA50	402.2
CA60	101.8

Volume de concreto (C-25) = 10.37 m³
Área de forma = 136.24 m²

ESTRUTURAL

MUNICÍPIO ANTÔNIO CARLOS - SC

OBRA CASA DO AGRICULTOR

CONTEÚDO VIGAS DO TÉRREO - FORMAS E ARMADURAS PRANCHA 1

PROJETO Eng. Civil Virginia Maria Wolff

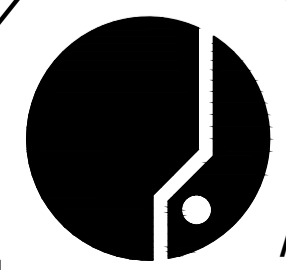
DESENHO GRANFPOLIS

ESCALA INDICADAS

DATA MAI/2019

ÁREA 287,50 m²

PRANCHA 12



ASSOCIAÇÃO DOS MUNICÍPIOS DA REGIÃO DA GRANDE FLORIANÓPOLIS
GRANFPOLIS
ASSESSORIA DE ENGENHARIA E ARQUITETURA