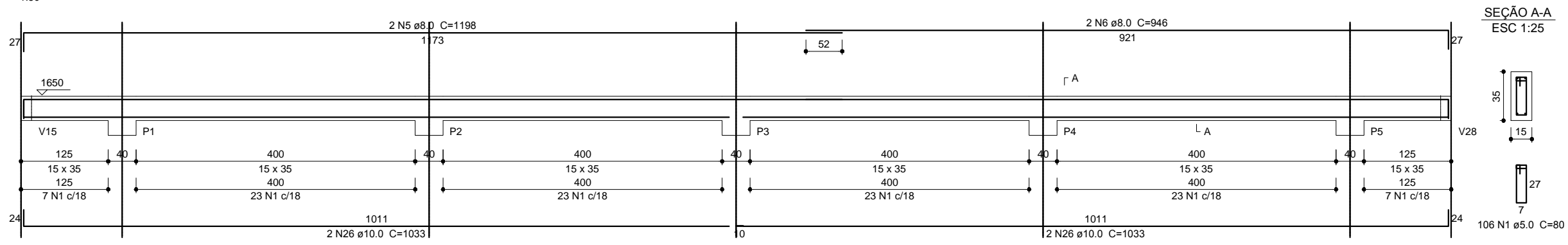
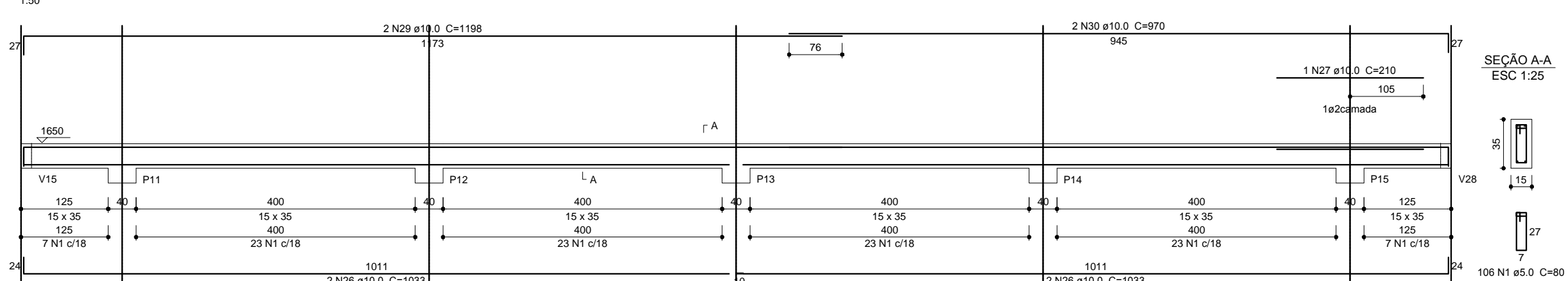


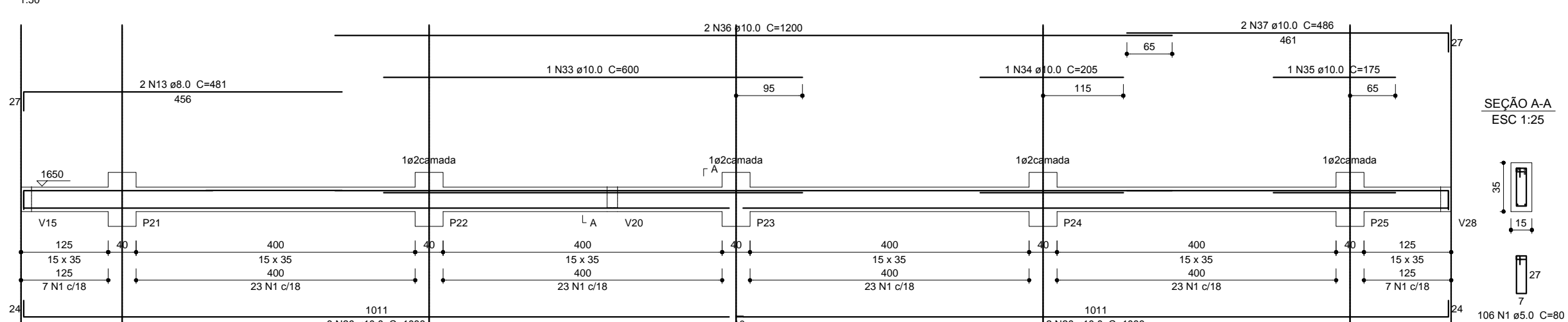
V1 (15 x 35)



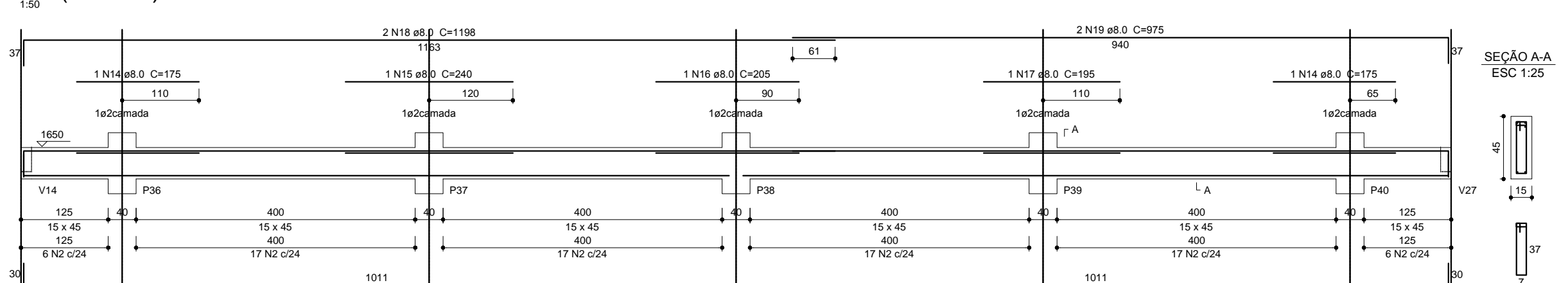
V3 (15 x 35)



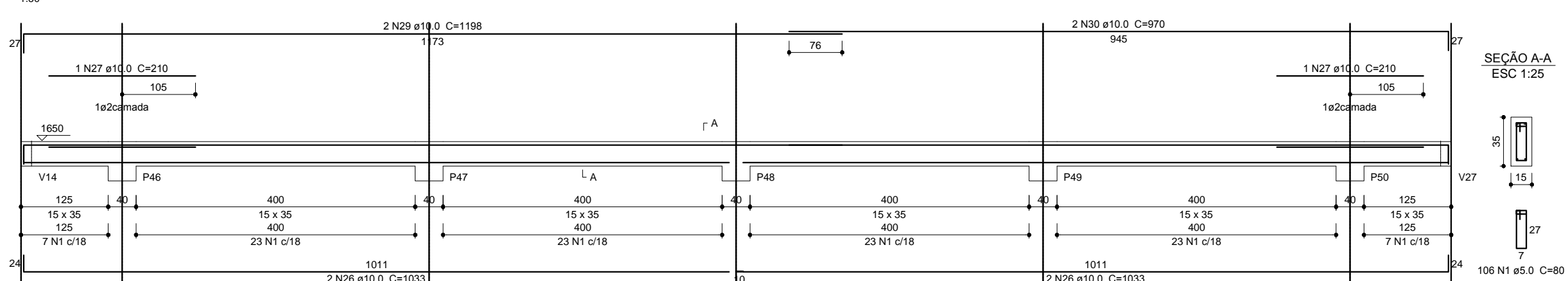
V5 (15 x 35)



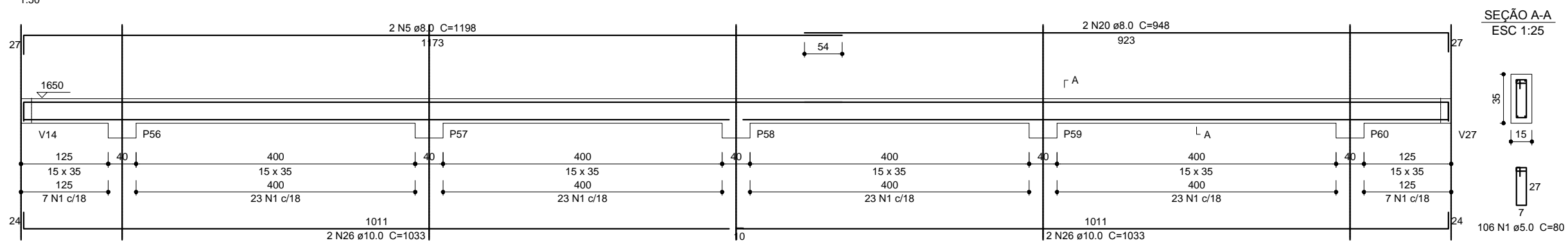
V9 (15 x 45)



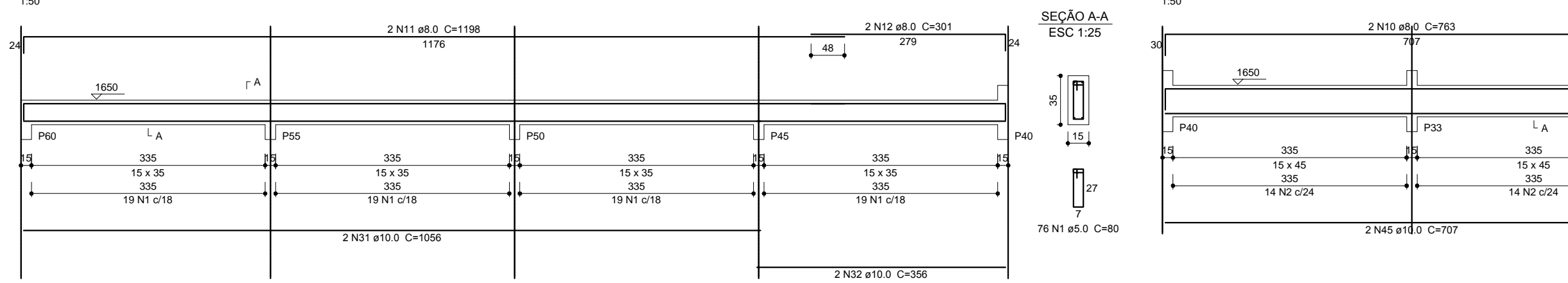
V11 (15 x 35)



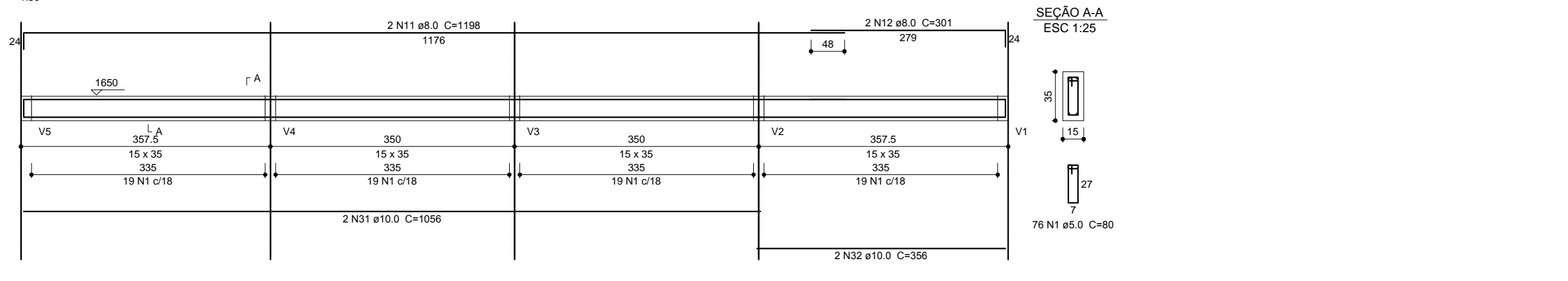
V13 (15 x 35)



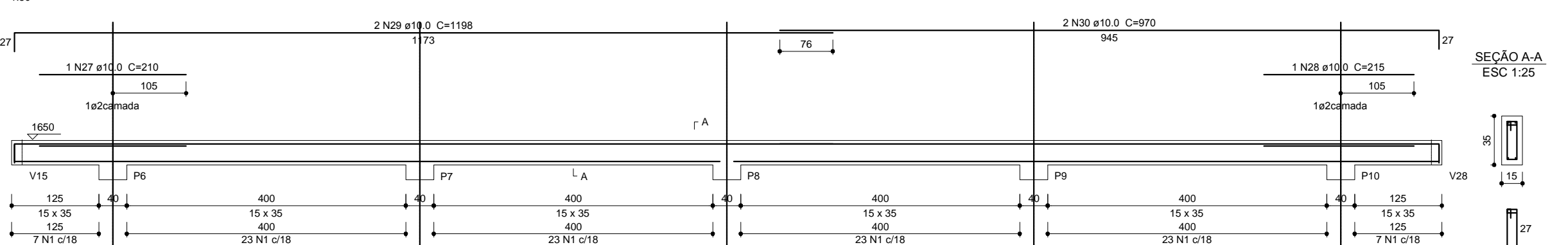
V24 (15 x 35)



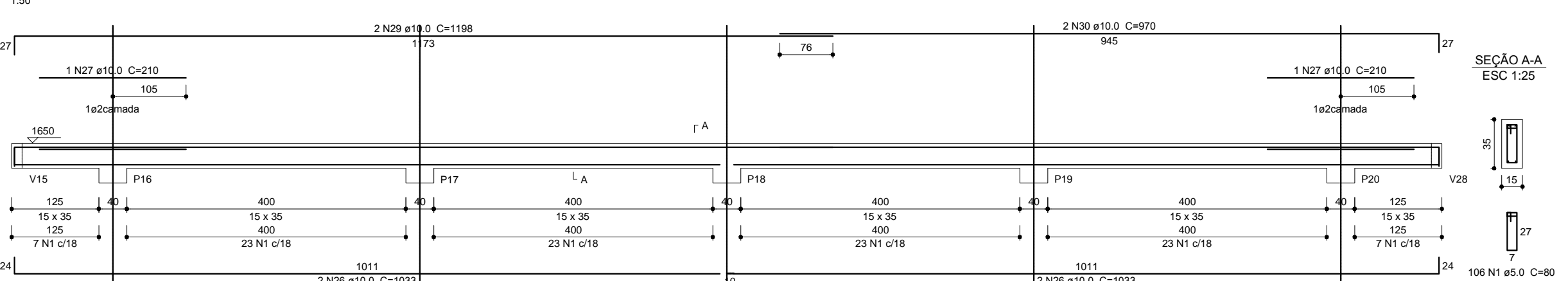
V28 (15 x 35)



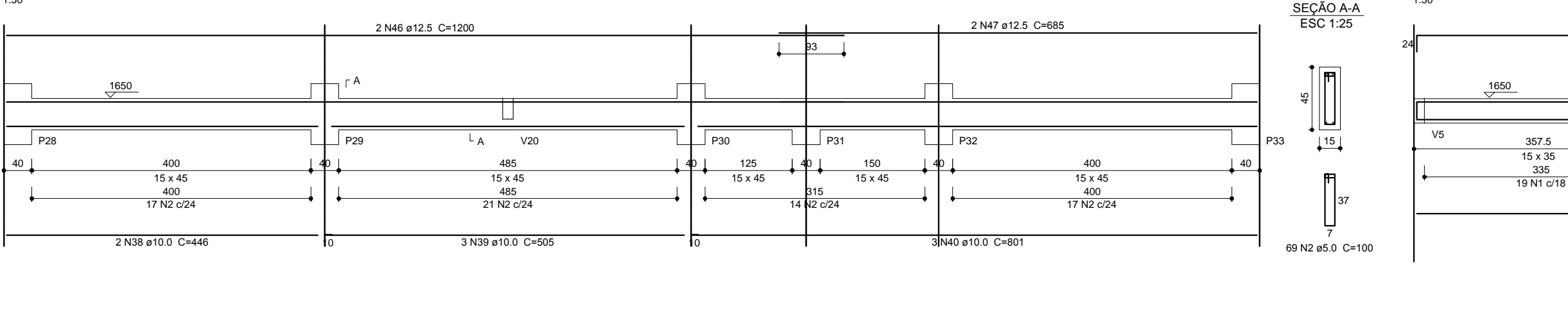
V2 (15 x 35)



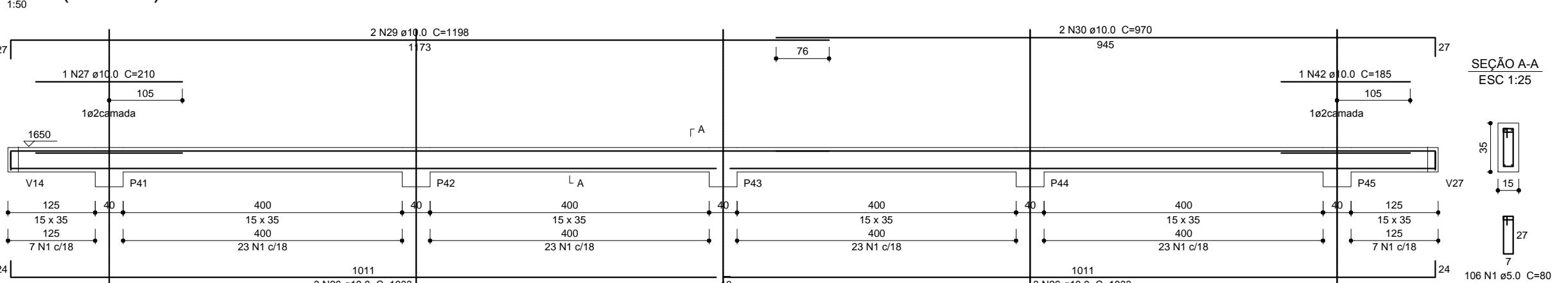
V4 (15 x 35)



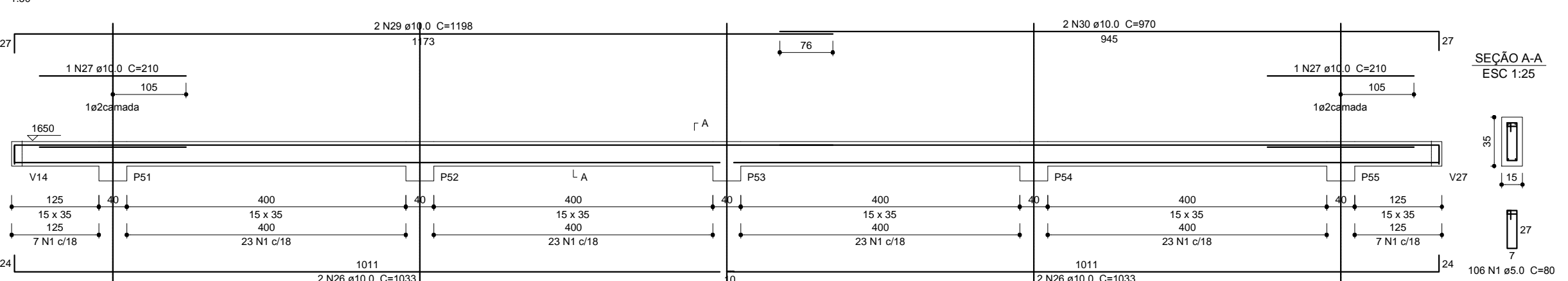
V7 (15 x 45)



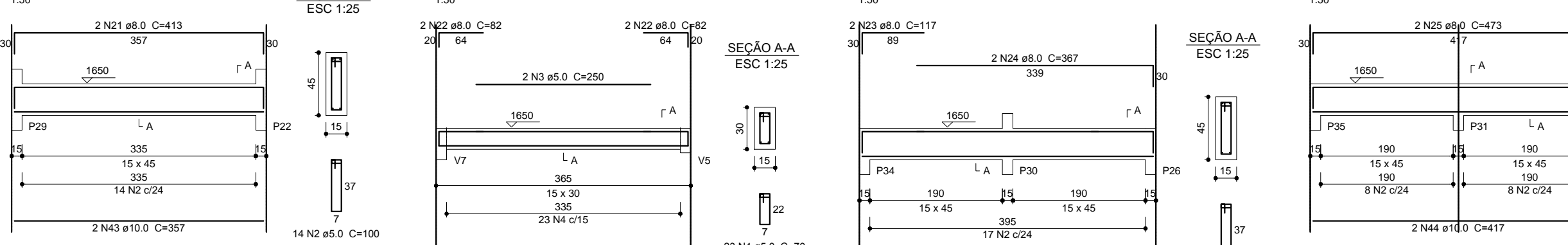
V10 (15 x 35)



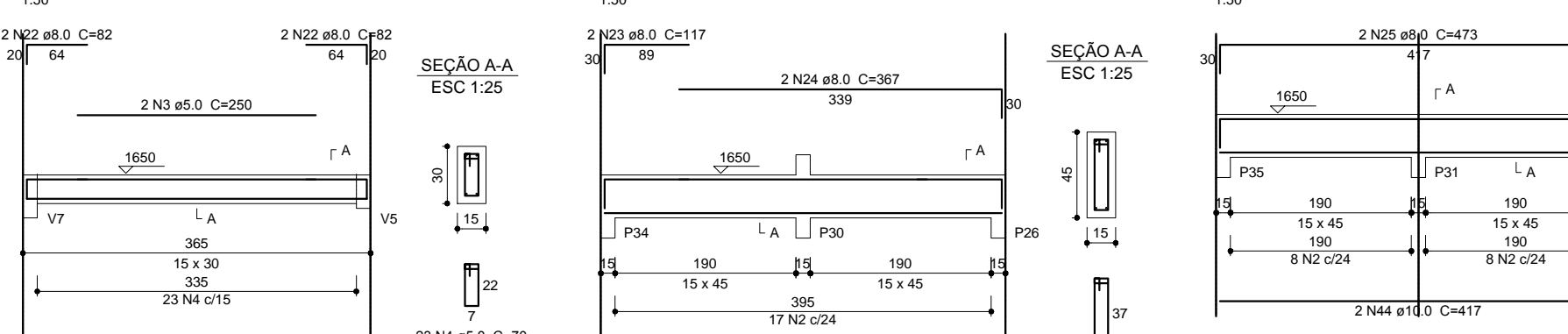
V12 (15 x 35)



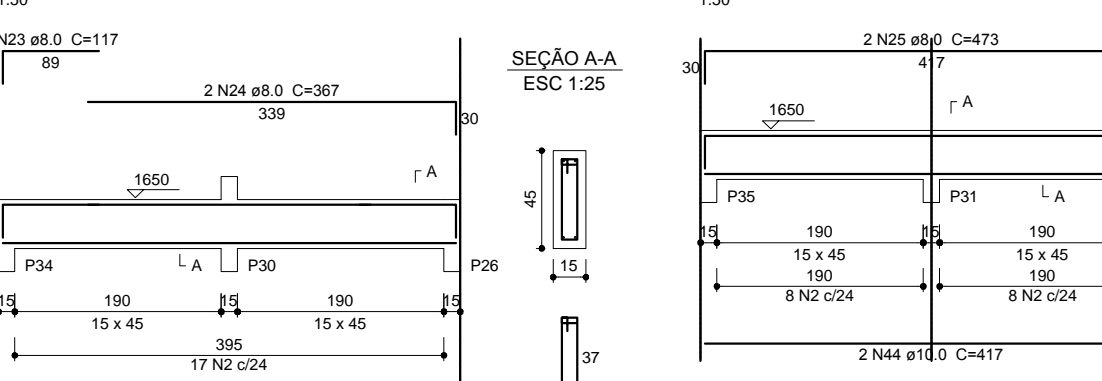
V19 (15 x 45)



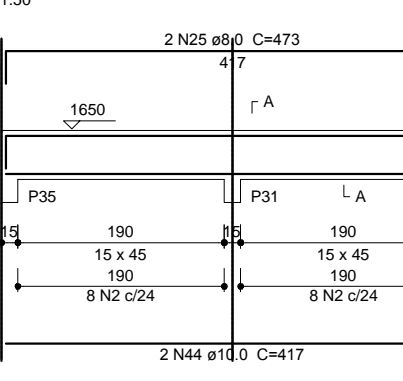
V20 (15 x 30)



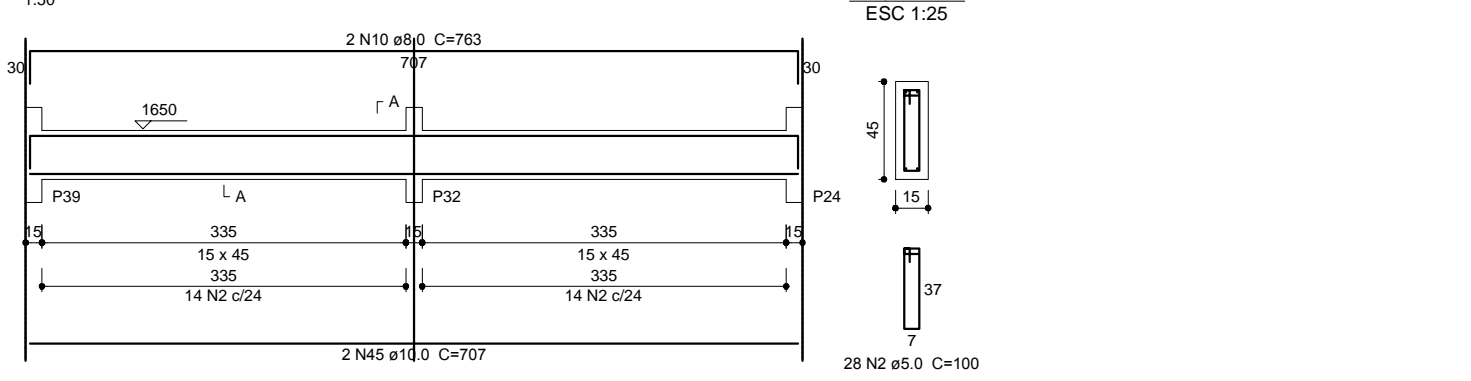
V21 (15 x 45)



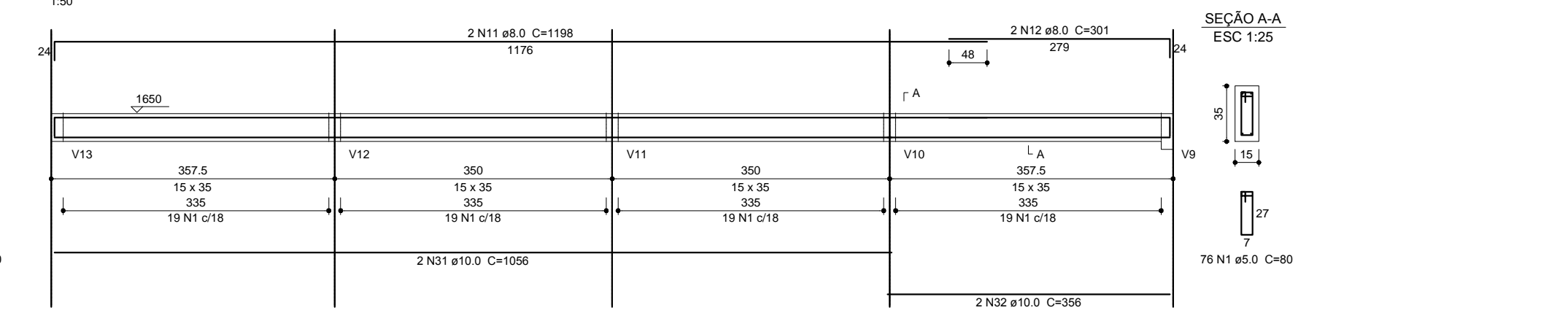
V22 (15 x 45)



V23 (15 x 45)



V27 (15 x 35)



Relação do aço

ACO	N	DIAM	Q	UNIT	C TOTAL
V1	1	5.0	1862	81	120600
V4	2	5.0	280	400	240000
V5	3	5.0	2	250	500
V7	4	5.0	21	700	14700
V9	5	8.0	4	1146	4742
V11	6	8.0	2	560	1120
V13	7	8.0	4	255	1012
V15	8	8.0	4	255	1012
V17	9	8.0	2	560	1120
V19	10	8.0	4	1146	4742
V21	11	8.0	4	1146	4742
V23	12	8.0	2	560	1120
V25	13	8.0	2	481	962
V27	14	8.0	2	481	962
V29	15	8.0	1	240	240
V31	16	8.0	1	240	240
V33	17	8.0	2	560	1120
V35	18	8.0	2	560	1120
V37	19	8.0	2	560	1120
V39	20	8.0	2	560	1120
V41	21	8.0	2	560	1120
V43	22	8.0	4	62	248
V45	23	8.0	2	117	234
V47	24	8.0	2	475	950
V49	25	8.0	2	475	950
V51	26	8.0	2	475	950
V53	27	10.0	9	210	1890
V55	28	10.0	1	210	210
V57	29	10.0	12	156	1452
V59	30	10.0	12	156	1452
V61	31	10.0	12	156	1452
V63	32	10.0	12	156	1452
V65	33	10.0	12	156	1452
V67	34	10.0	1	205	205
V69	35	10.0	1	170	170
V71	36	10.0	2	480	960
V73	37	10.0	2	480	960
V75	38	10.0	3	606	1818
V77	39	10.0	3	606	1818
V79	40	10.0	1	180	180
V81	41	10.0	4	1038	4152
V83	42	10.0	1	180	180
V85	43	10.0	2	360	720
V87	44	10.0	4	417	1668
V89	45	10.0	4	417	1668
V91	46	10.0	4	417	1668
V93	47	12.5	2	200	2000
V95	48	12.5	2	200	2000

Resumo do aço

ACO	DIAM	C TOTAL	PESO - KG
V1	5.0	1862	218.8
V4	5.0	280	748.8
V5	5.0	2	8.4
V7	5.0	21	265.2
V9	8.0	4	385.6
V11	8.0	2	192.8
V13	8.0	4	385.6
V15	8.0	4	385.6
V17	8.0	2	192.8
V19	8.0	4	385.6
V21	8.0	4	385.6
V23	8.0	2	192.8
V25	8.0	2	192.8
V27	8.0	2	192.8
V29	8.0	2	192.8
V31	8.0	2	192.8
V33	8.0	4	385.6
V35	8.0	2	192.8
V37	8.0	2	192.8
V39	8.0	2	192.8
V41	8.0	2	192.8
V43	8.0	4	385.6
V45	8.0	2	192.8
V47	8.0	2	192.8
V49	8.0	2	192.8
V51	8.0	2	192.8
V53	10.0	9	210.0
V55	10.0	1	21.0
V57	10.0	12	156.0
V59	10.0	12	156.0
V61	10.0	12	156.0
V63	10.0	12	156.0
V65	10.0	12	156.0
V67	10.0	1	20.5
V69	10.0	1	17.0
V71	10.0	2	48.0
V73	10.0	2	48.0
V75	10.0	3	60.6
V77	10.0	3	60.6
V79	10.0	1	18.0
V81	10.0	4	41.7
V83	10.0	1	18.0
V85	10.0	2	36.0
V87	10.0	4	41.7
V89	10.0	4	41.7
V91	10.0	4	41.7
V93	12.5	2	20.0
V95	12.5	2	20.0

ACO 100A7

ACO	DIAM	C TOTAL	PESO - KG
V1	5.0	1862	218.8
V4	5.0	280	748.8
V5	5.0	2	8.4
V7	5.0	21	265.2
V9	8.0	4	385.6
V11	8.0	2	192.8
V13	8.0	4	385.6
V15	8.0	4	385.6
V17	8.0	2	192.8
V19	8.0	4	385.6
V21	8.0	4	385.6
V23	8.0	2	192.8
V25	8.0	2	192.8
V27	8.0	2	192.8
V29	8.0	2	192.8
V31	8.0	2	192.8
V33	8.0	4	385.6
V35	8.0	2	192.8
V37	8.0	2	192.8
V39	8.0	2	192.8
V41	8.0	2	192.8
V43	8.0	4	385.6
V45	8.0	2	192.8
V47	8.0	2	192.8
V49	8.0	2	192.8
V51	8.0	2	192.8
V53	10.0	9	210.0
V55	10.0	1	21.0
V57	10.0	12	156.0
V59	10.0	12	156.0
V61	10.0	12	156.0
V63	10.0	12	156.0
V65	10.0	12	156.0
V67	10.0	1	20.5
V69	10.0	1	17.0
V71	10.0	2	48.0
V73	10.0	2	48.0
V75	10.0	3	60.6
V77	10.0	3	60.6
V79	10.0	1	18.0
V81	10.0	4	41.7
V83	10.0	1	18.0
V85	10.0	2	36.0
V87	10.0	4	41.7
V89	10.0	4	41.7
V91	10.0	4	41.7
V93	12.5	2	20.0
V95	12.5	2	20.0

ACO 100A7

ACO	DIAM	C TOTAL	PESO - KG
V1	5.0	1862	218.8
V4	5.0	280	748.8
V5	5.0	2	8.4
V7	5.0	21	265.2
V9	8.0	4	385.6
V11	8.0	2	192.8
V13	8.0	4	385.6
V15	8.0	4	385.6
V17	8.0	2	192.8
V19	8.0	4	385.6
V21	8.0	4	385.6
V23	8.0	2	192.8
V25	8.0	2	192.8
V27	8.0	2	192.8
V29	8.0	2	192.8
V31	8.0	2	192.8
V33	8.0	4	385.6
V35	8.0	2	192.8
V37	8.0	2	192.8
V39	8.0	2	192.8
V41	8.0	2	192.8
V43	8.0	4	385.6
V45	8.0	2	192.8
V47	8.0	2	192.8
V49	8.0	2	192.8
V51	8.0	2	192.8
V53	10.0	9	210.0
V55	10.0	1	21.0
V57	10.0	12	156.0
V59	10.0	12	156.0
V61	10.0	12	156.0
V63	10.0	12	156.0
V65	10.0	12	156.0
V67	10.0	1	20.5
V69	10.0	1	17.0
V71	10.0	2	48.0
V73	10.0	2	48.0
V75	10.0	3	60.6
V77	10.0	3	60.6
V79	10.0	1	18.0
V81	10.0	4	41.7
V83	10.0	1	18.0
V85	10.0	2	36.0
V87	10.0	4	41.7
V89	10.0	4	41.7
V91	10.0	4	41.7
V93	12.5	2	20.0
V95	12.5	2	20.0

26	10.0	39	1033	40287
27	10.0	9	210	1890
28	10.0	1	215	215
29	10.0	12	1158	14376
30	10.0	12	970	11640
31	10.0	16	1066	16996
32	10.0	16	396	5896
33	10.0	1	600	600
34	10.0	1	205	205