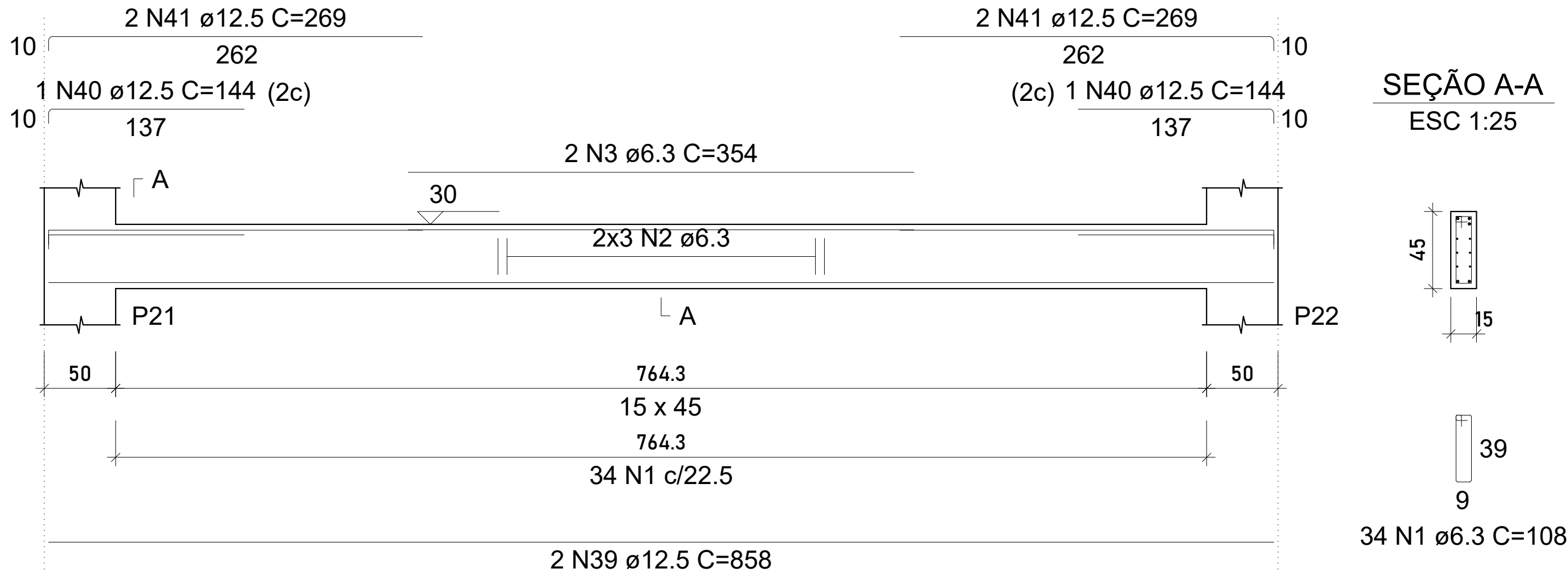
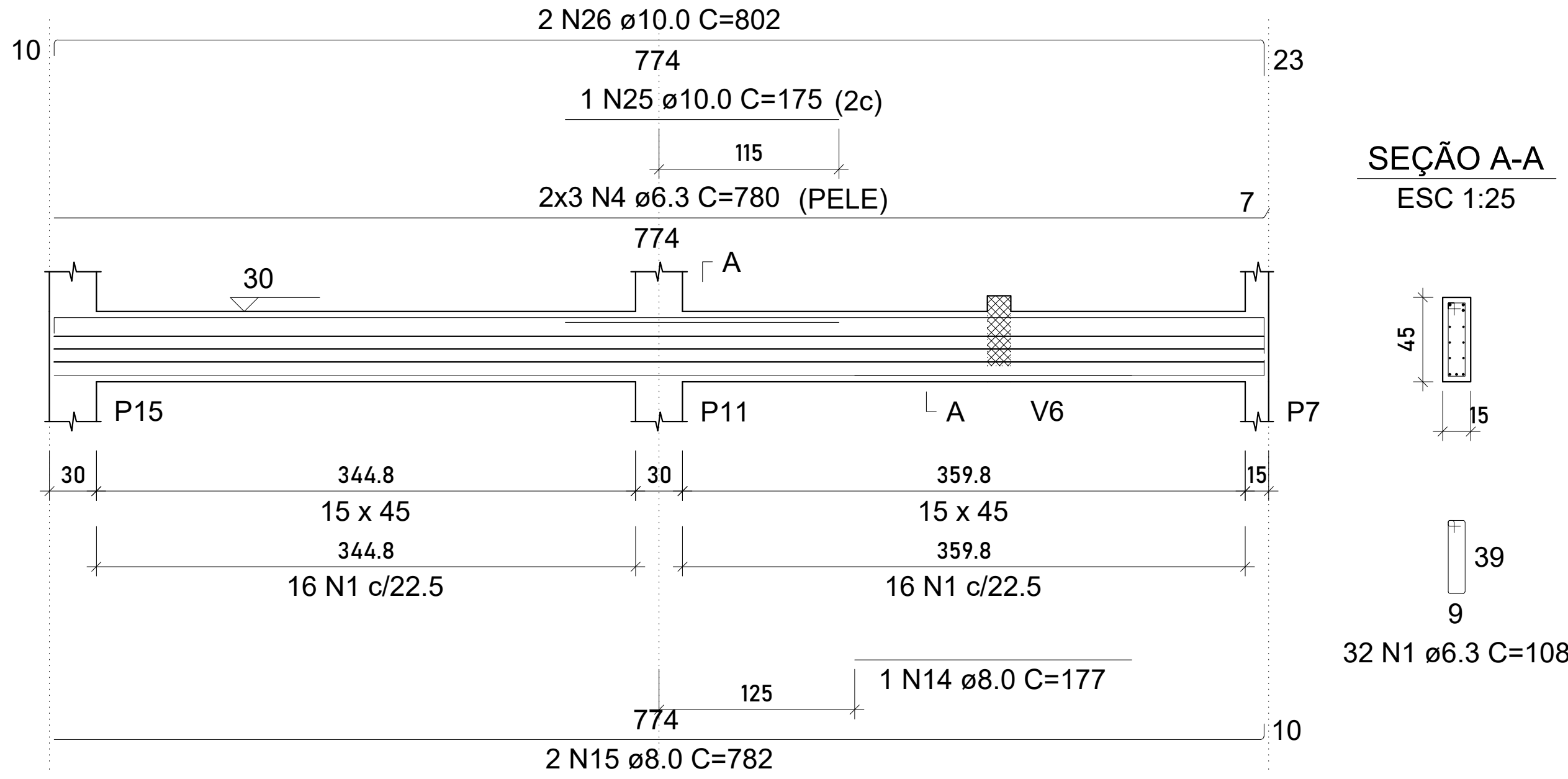


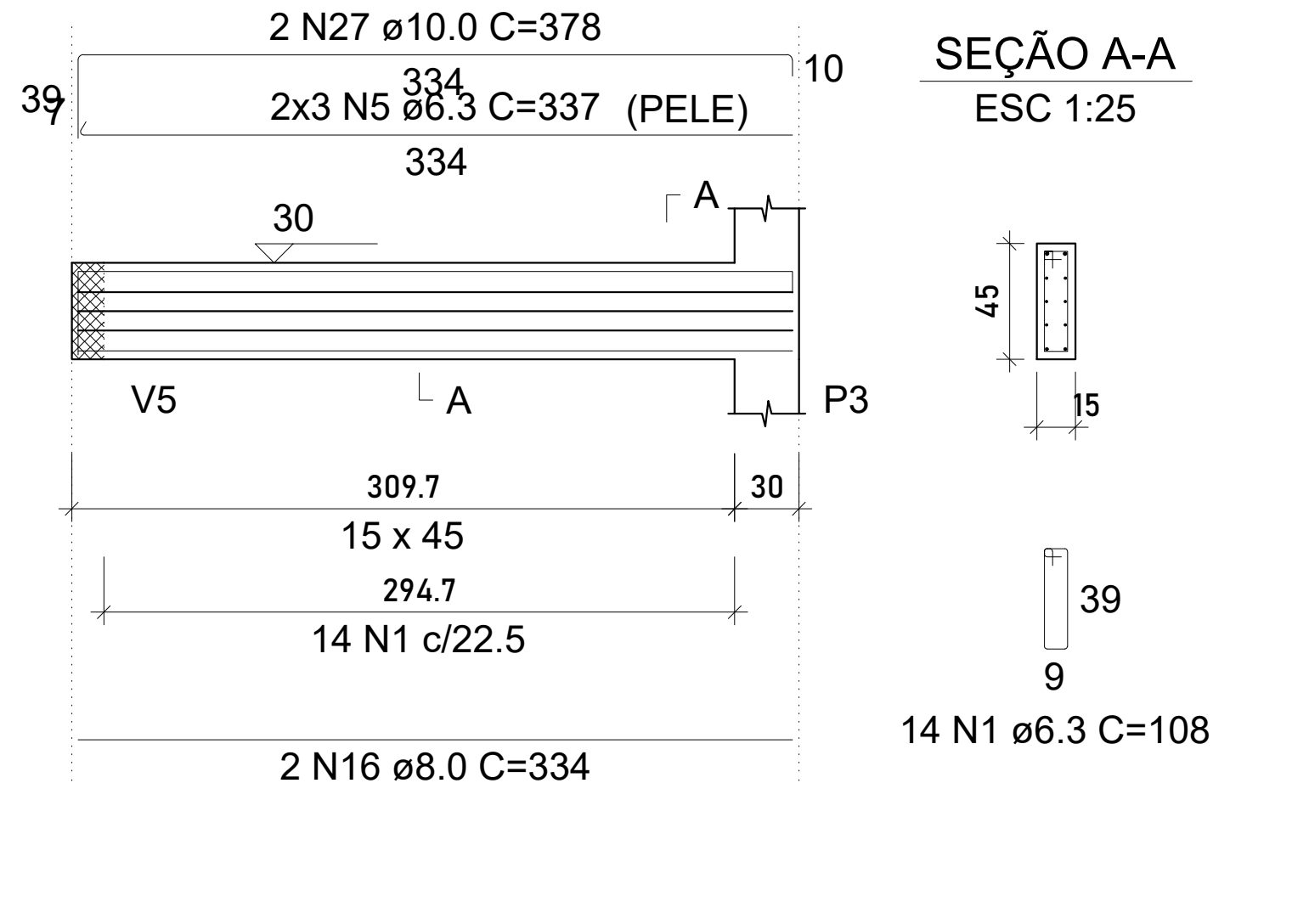
V11
ESC 1:30



V12
ESC 1:30

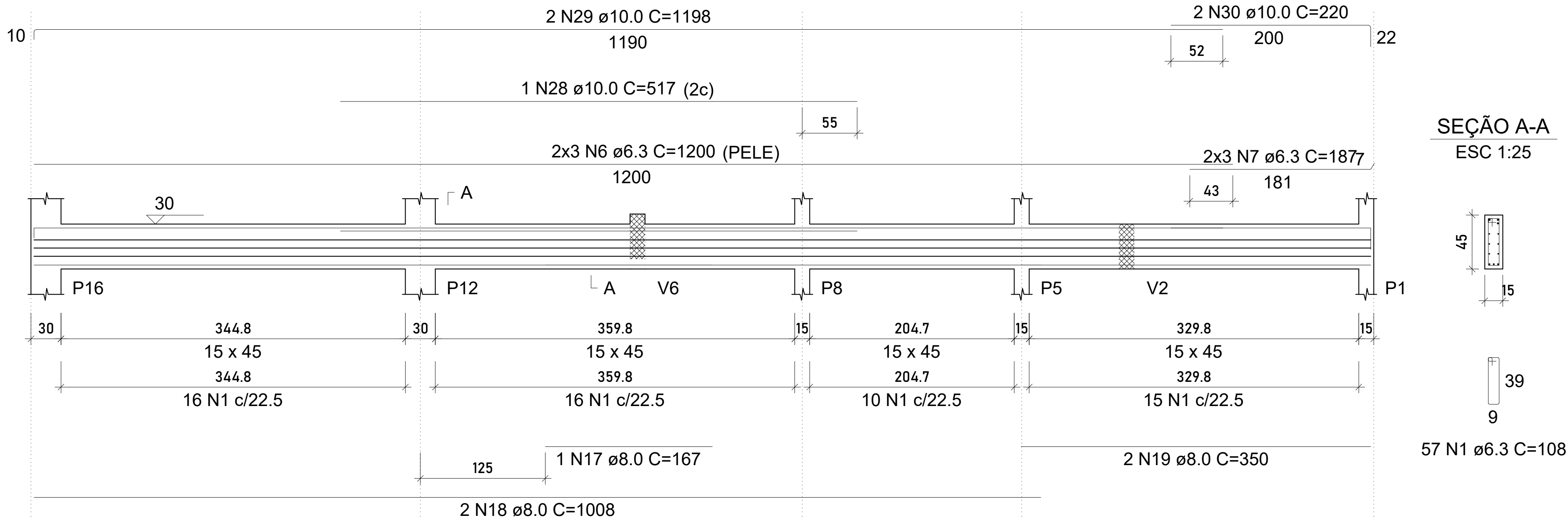


V14
ESC 1:30

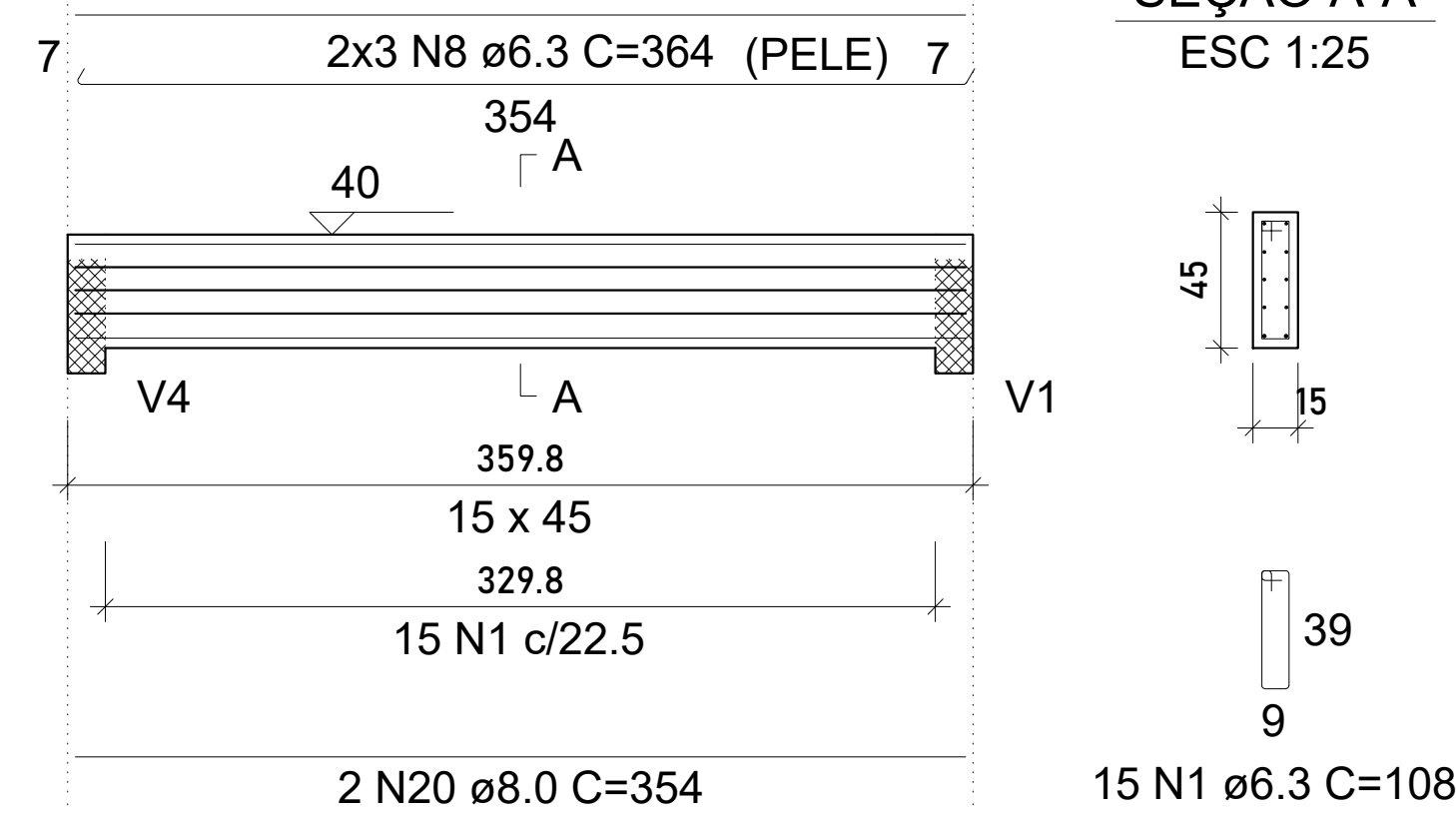


RELAÇÃO DO AÇO					
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA50	1	6.3	303	108	32724
	2	6.3	6	corr	5148
	3	6.3	2	354	708
	4	6.3	6	780	4680
	5	6.3	12	337	4044
	6	6.3	12	1200	14400
	7	6.3	12	187	2244
	8	6.3	6	364	2184
	9	6.3	2	354	708
	10	6.3	6	784	4704
	11	6.3	12	576	6912
	12	6.3	2	359	718
	13	6.3	2	389	778
	14	8.0	2	177	354
	15	8.0	4	782	3128
	16	8.0	4	334	1336
	17	8.0	1	167	167
	18	8.0	4	1008	4032
	19	8.0	4	350	1400
	20	8.0	2	354	708
	21	8.0	1	172	172
	22	8.0	2	379	758
	23	8.0	2	314	628
	24	8.0	4	566	2264
	25	10.0	1	175	175
	26	10.0	2	802	1604
	27	10.0	2	378	756
	28	10.0	1	517	517
	29	10.0	4	1198	4792
	30	10.0	2	220	440
	31	10.0	1	155	155
	32	10.0	2	235	470
	33	10.0	1	190	190
	34	10.0	2	813	1626
	35	10.0	2	162	324
	36	10.0	2	242	484
	37	10.0	1	153	153
	38	10.0	2	218	436
	39	12.5	2	858	1716
	40	12.5	2	144	288
	41	12.5	4	269	1076

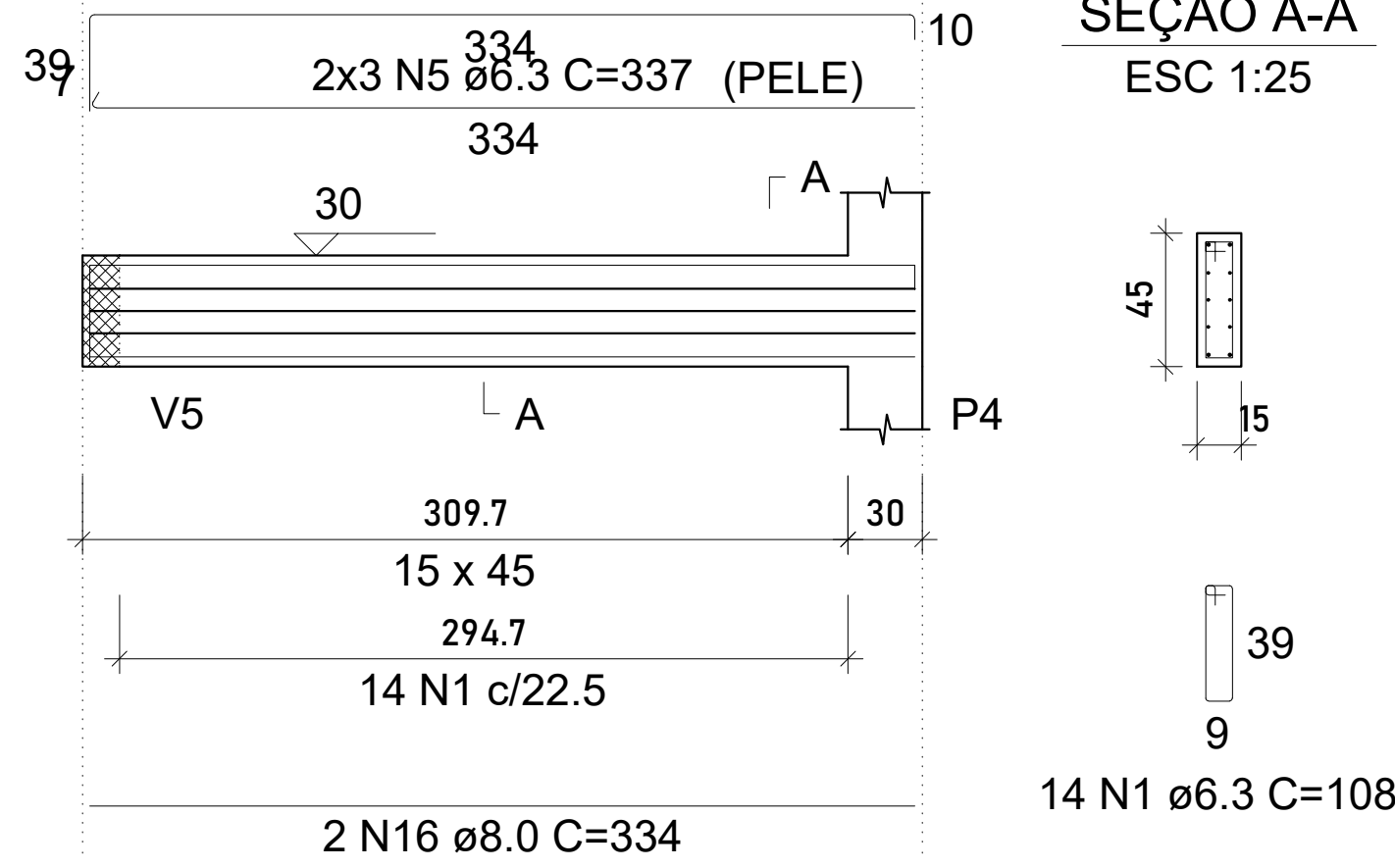
V16
ESC 1:30



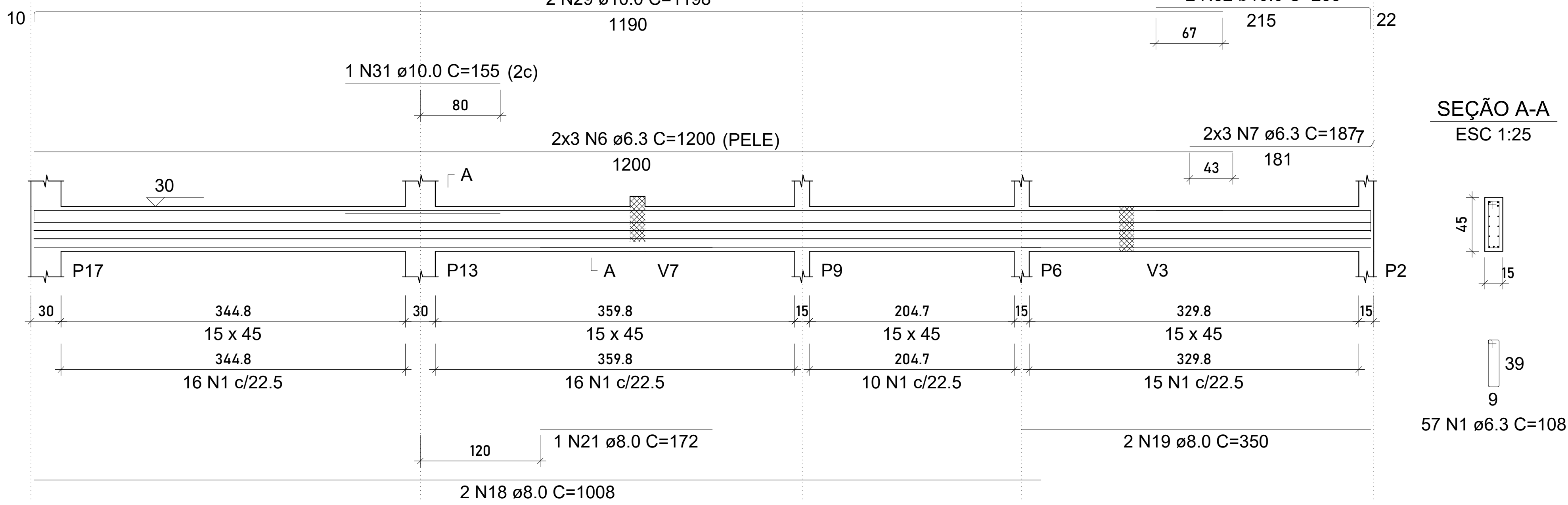
V17
ESC 1:30



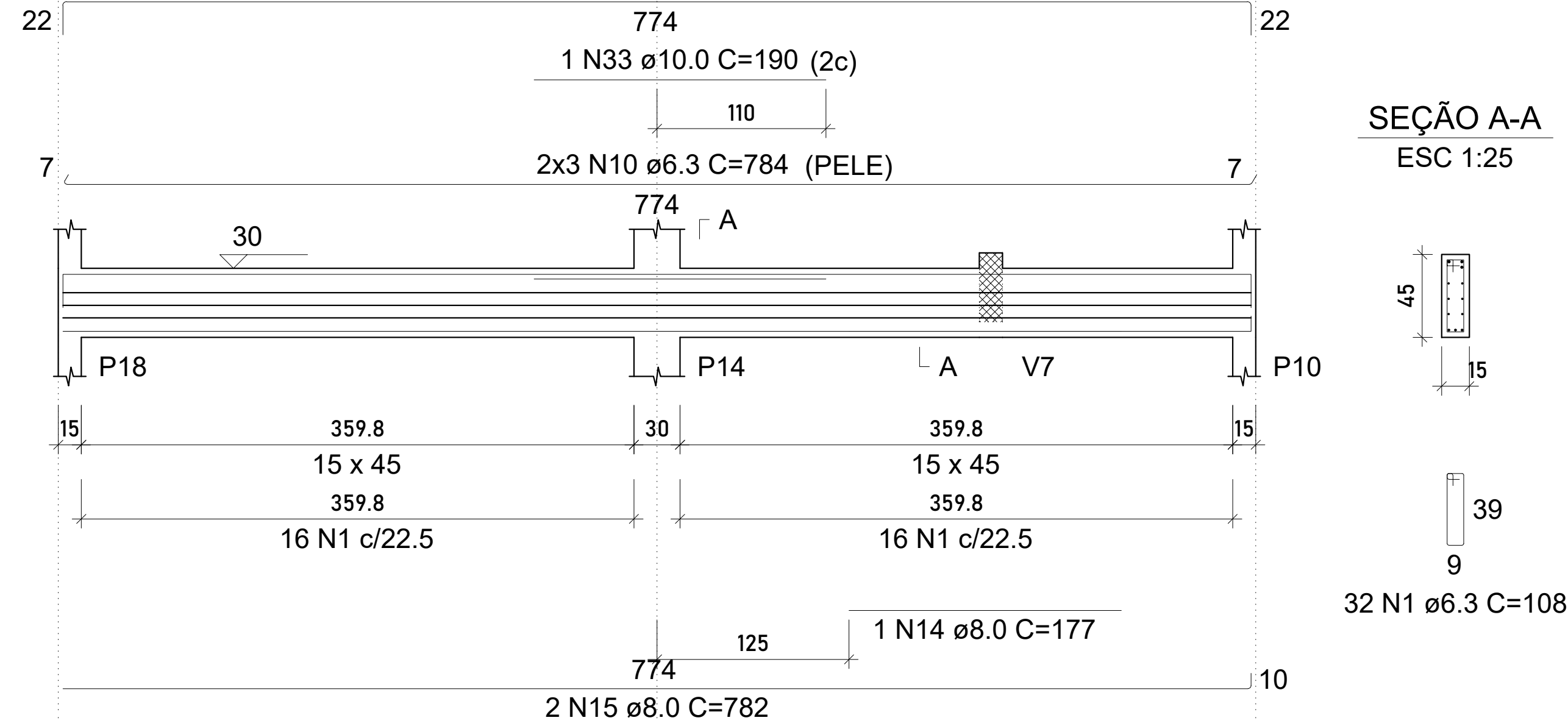
V20
ESC 1:30



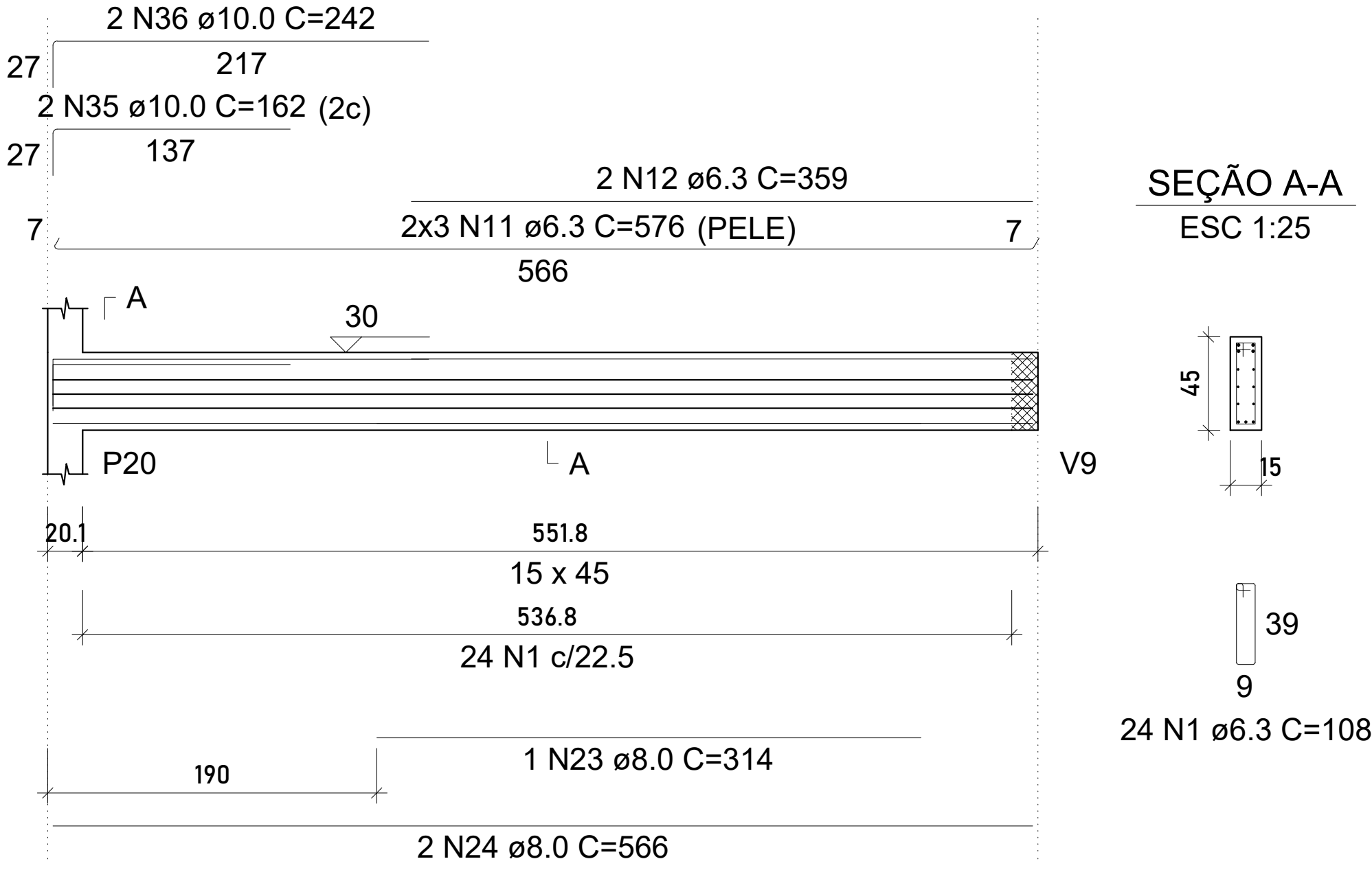
V18
ESC 1:30



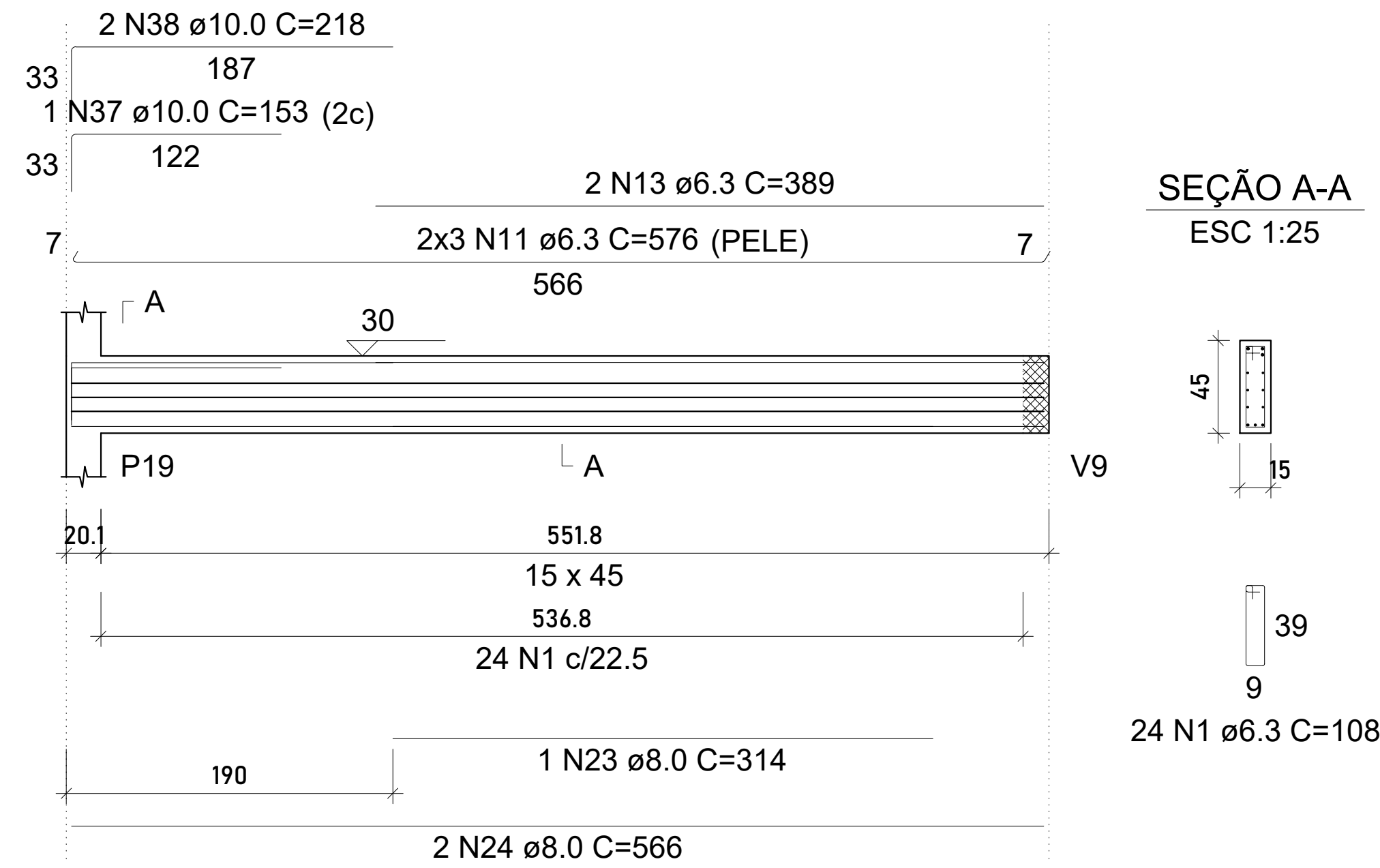
V21
ESC 1:30



V22
ESC 1:30



V23
ESC 1:30



RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	799.5	215.2
	8.0	149.5	64.9
	10.0	121.2	82.2
	12.5	30.8	32.6

PESO TOTAL (kg)
CA50 394.9

Volume de concreto (C-30) = 4.92 m³
Área de forma = 76.59 m²