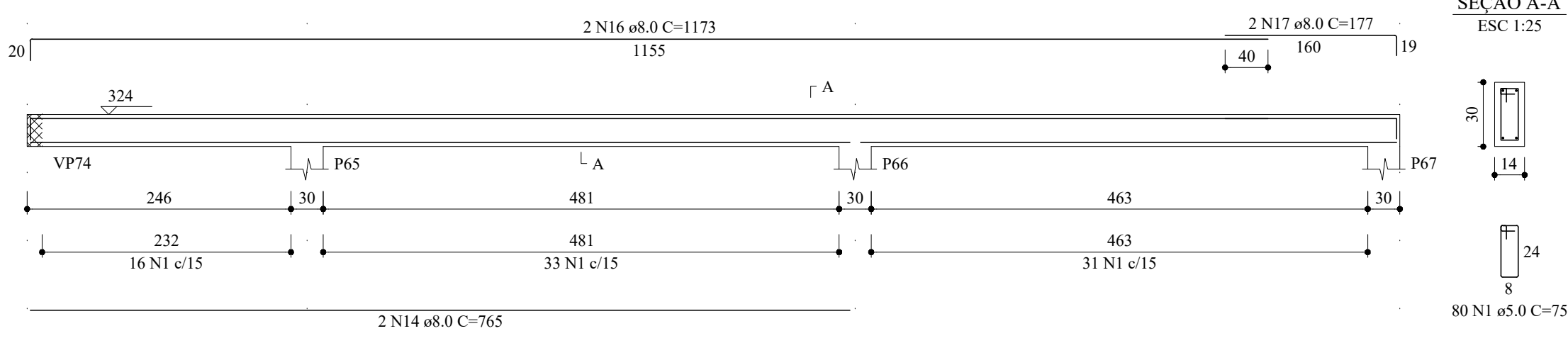


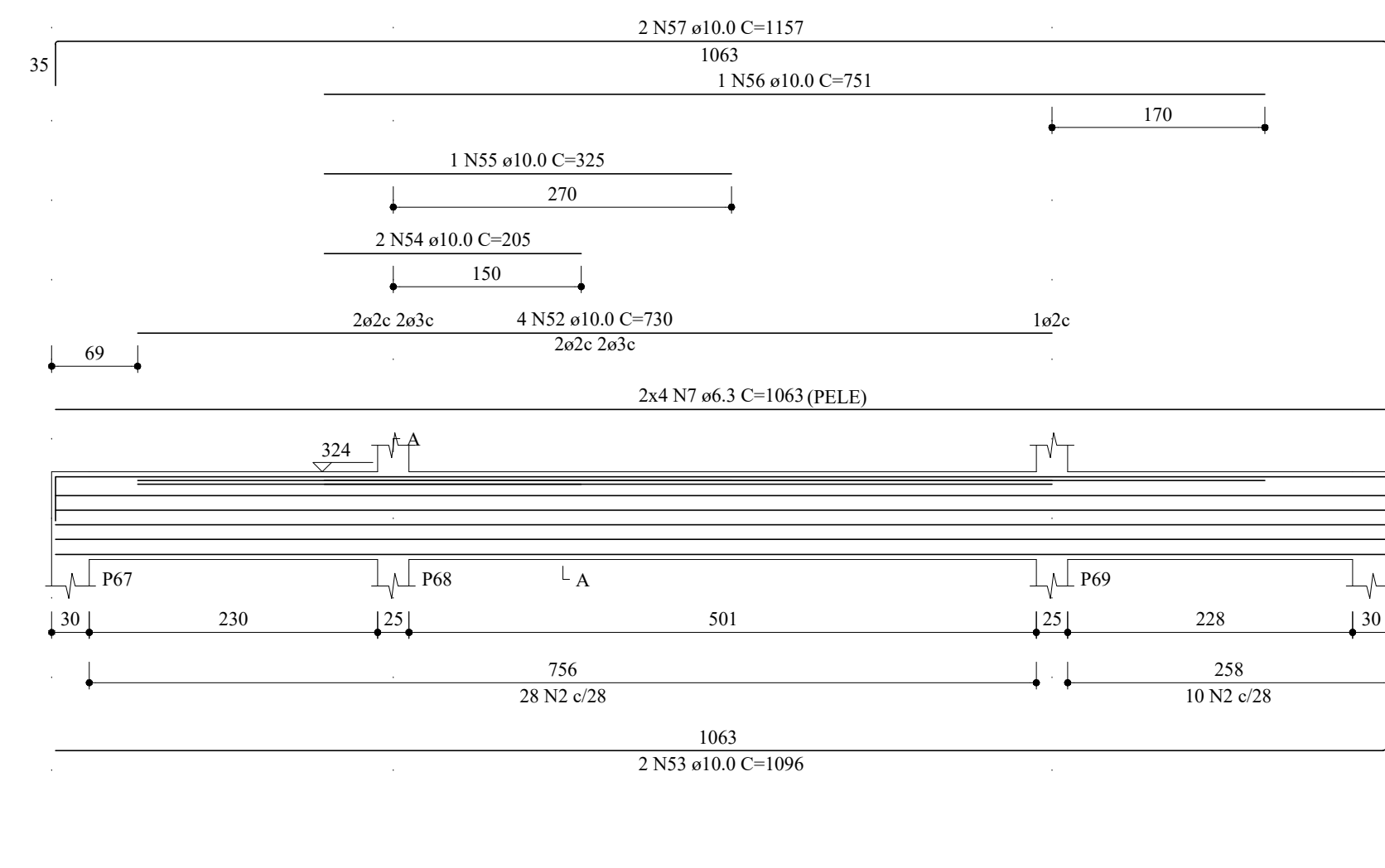
VP71

ESC 1:50



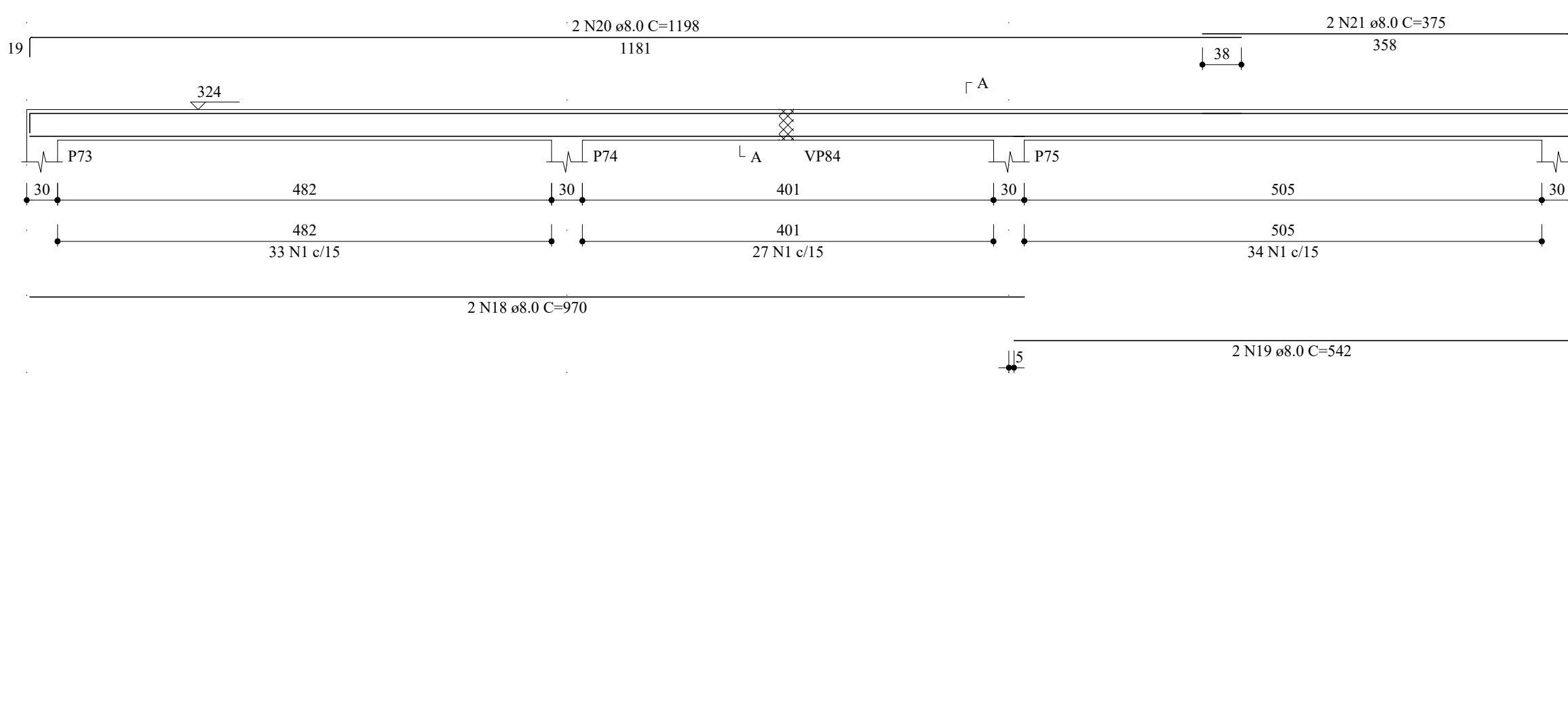
VP72

ESC 1:50



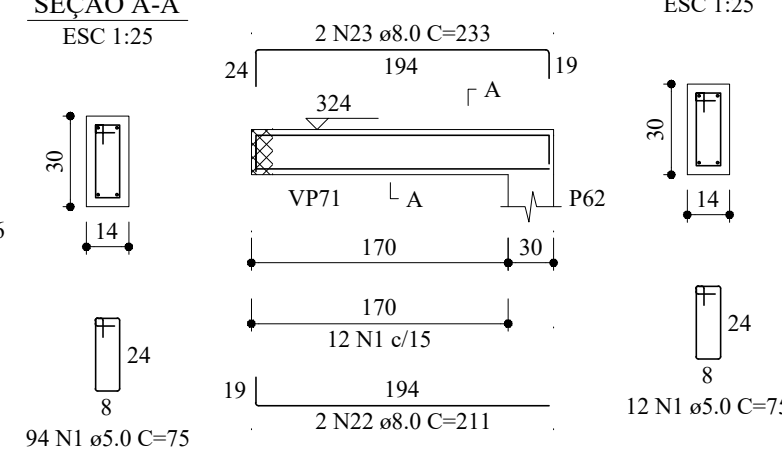
VP73

ESC 1:50



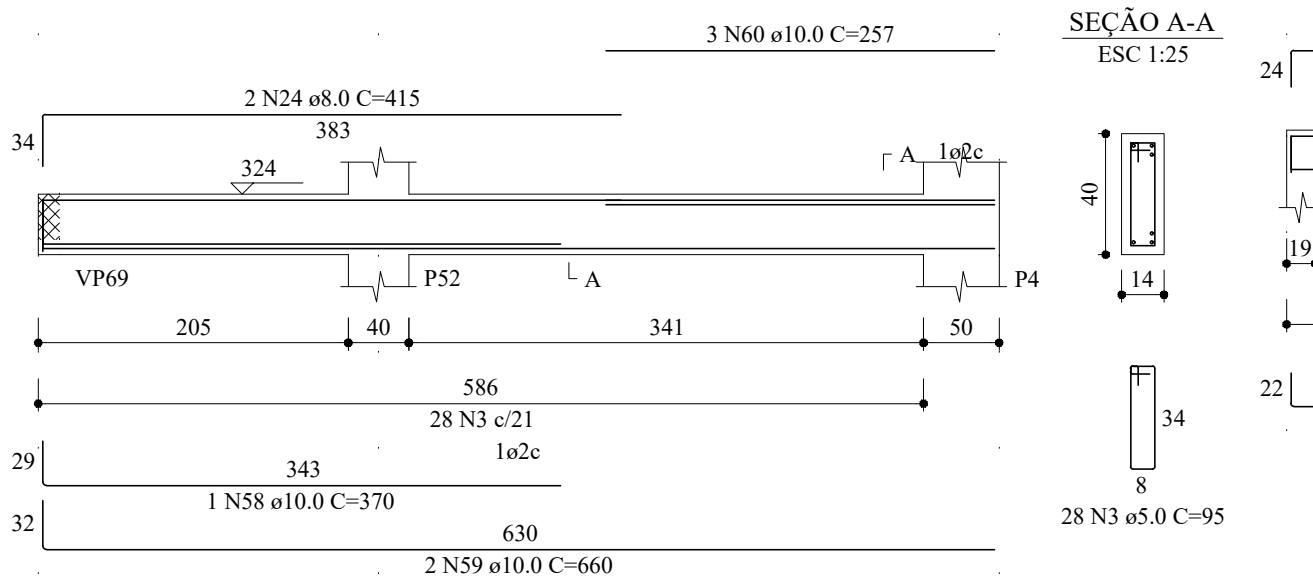
VP74

ESC 1:50



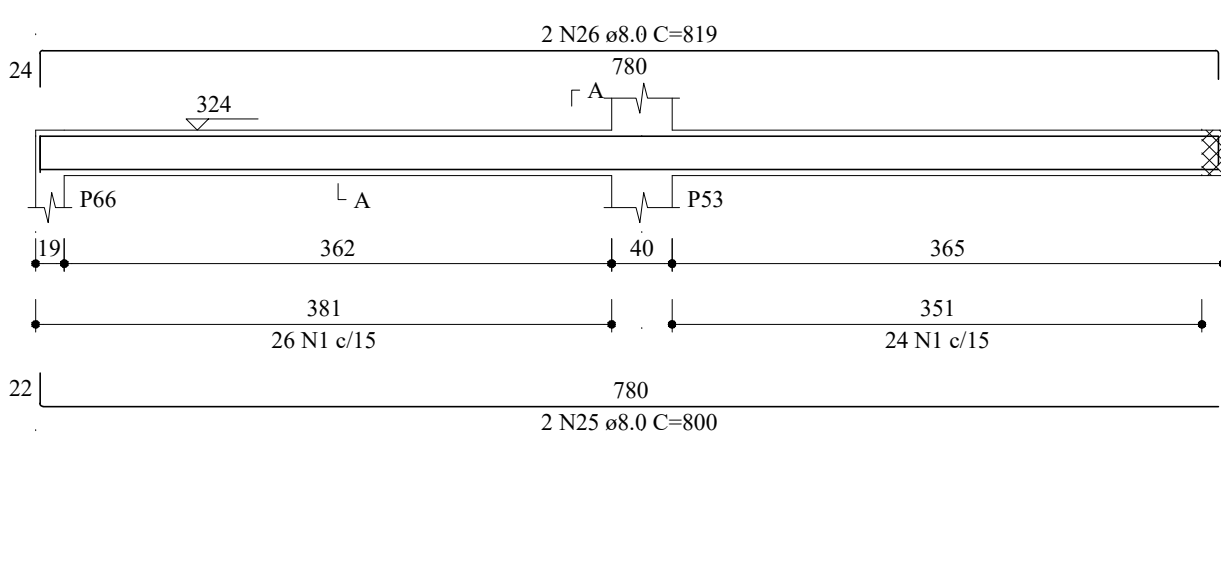
VP75

ESC 1:50



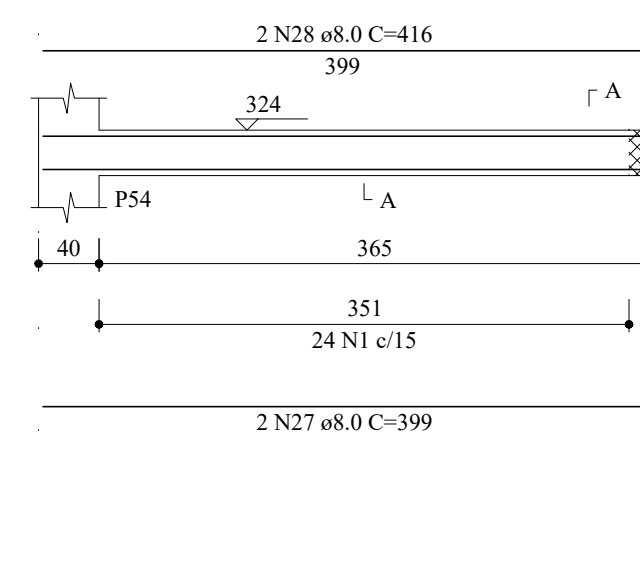
VP76

ESC 1:50



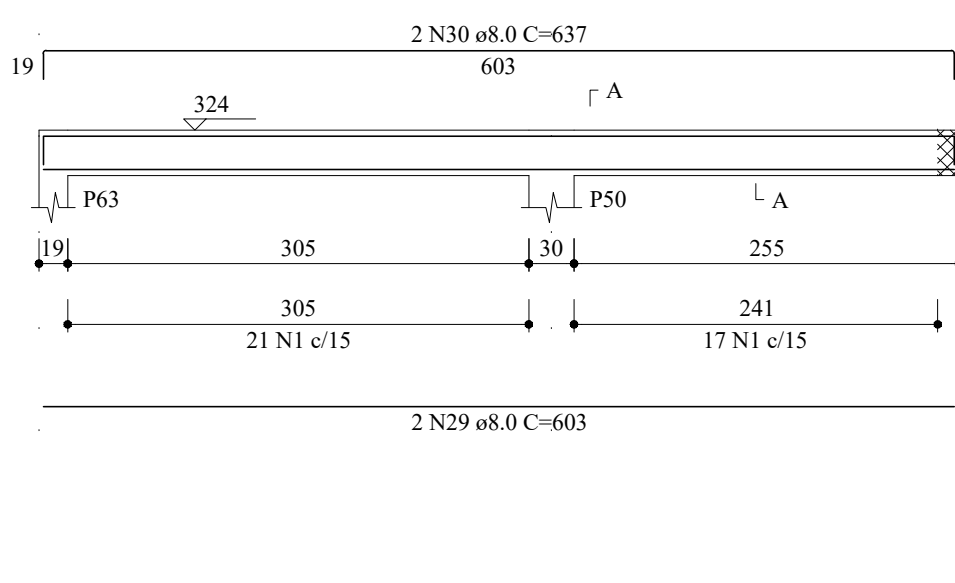
VP77

ESC 1:50



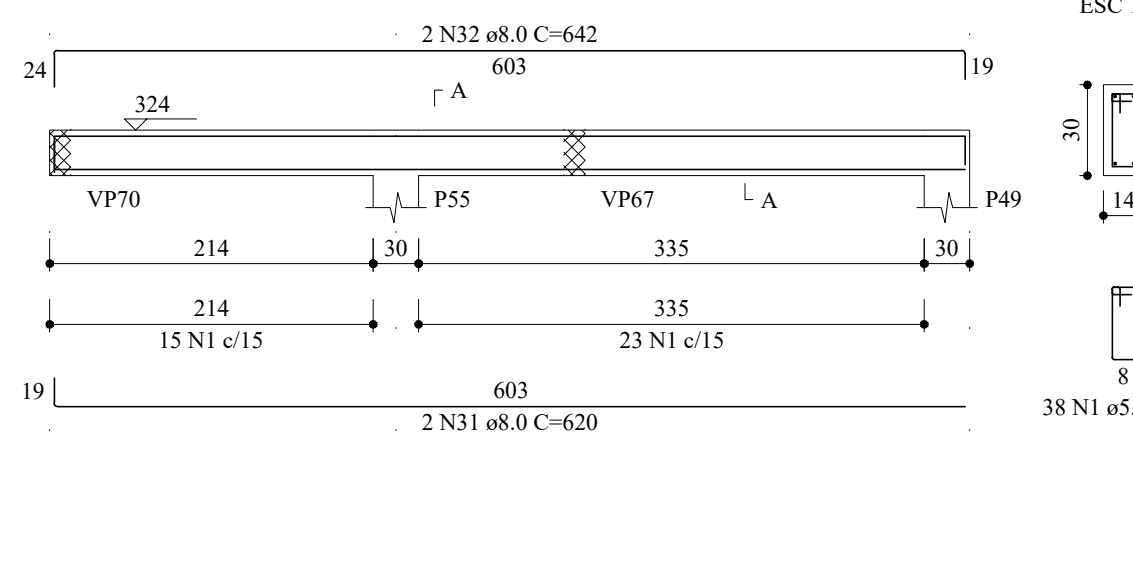
VP78

ESC 1:50



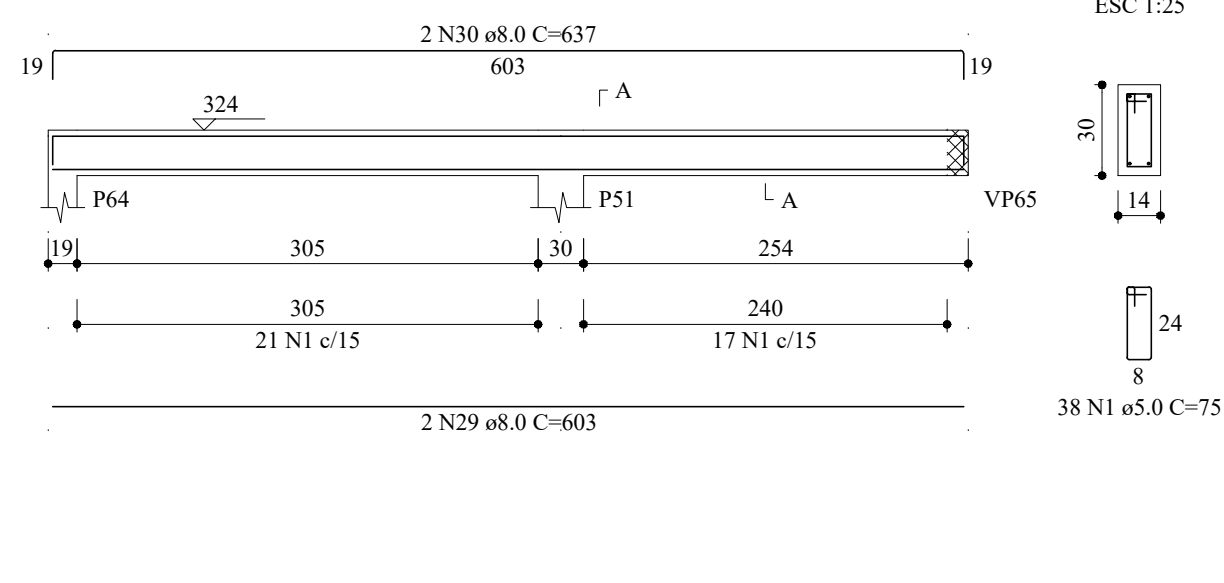
VP79

ESC 1:50



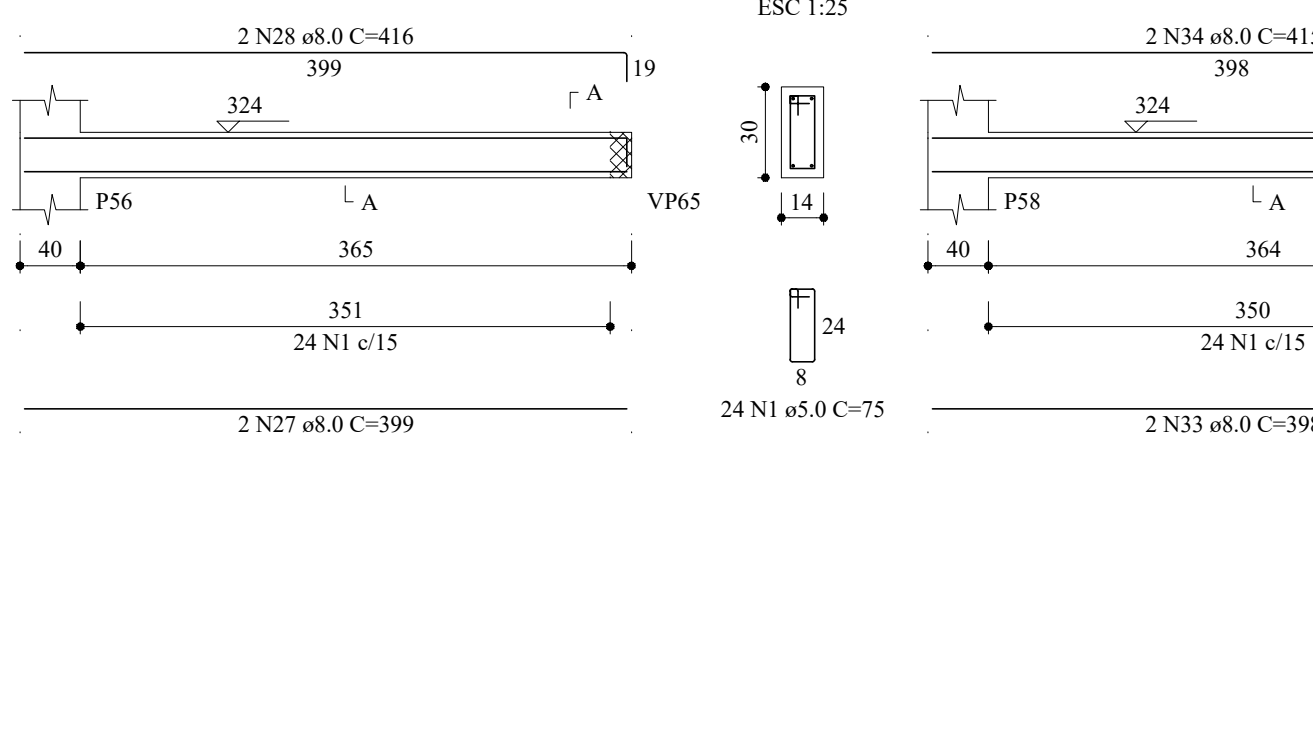
VP80

ESC 1:50



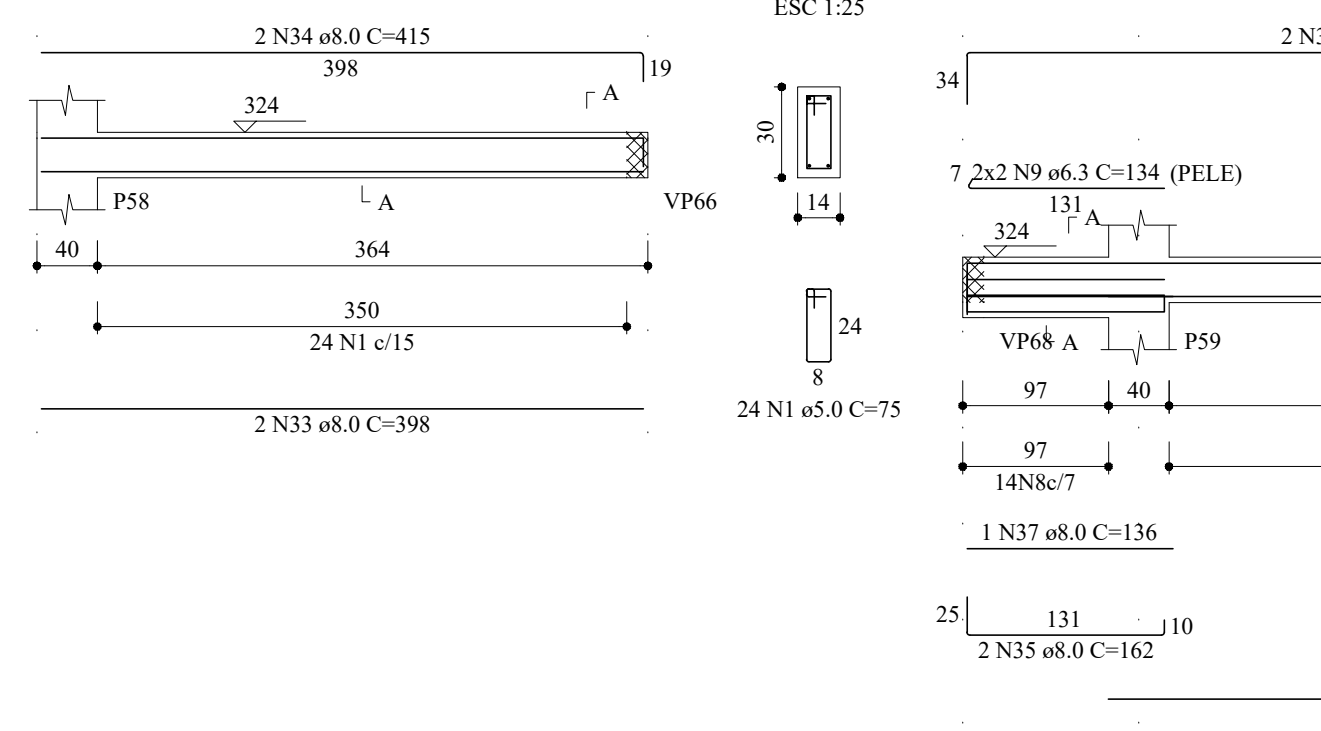
VP81

ESC 1:50



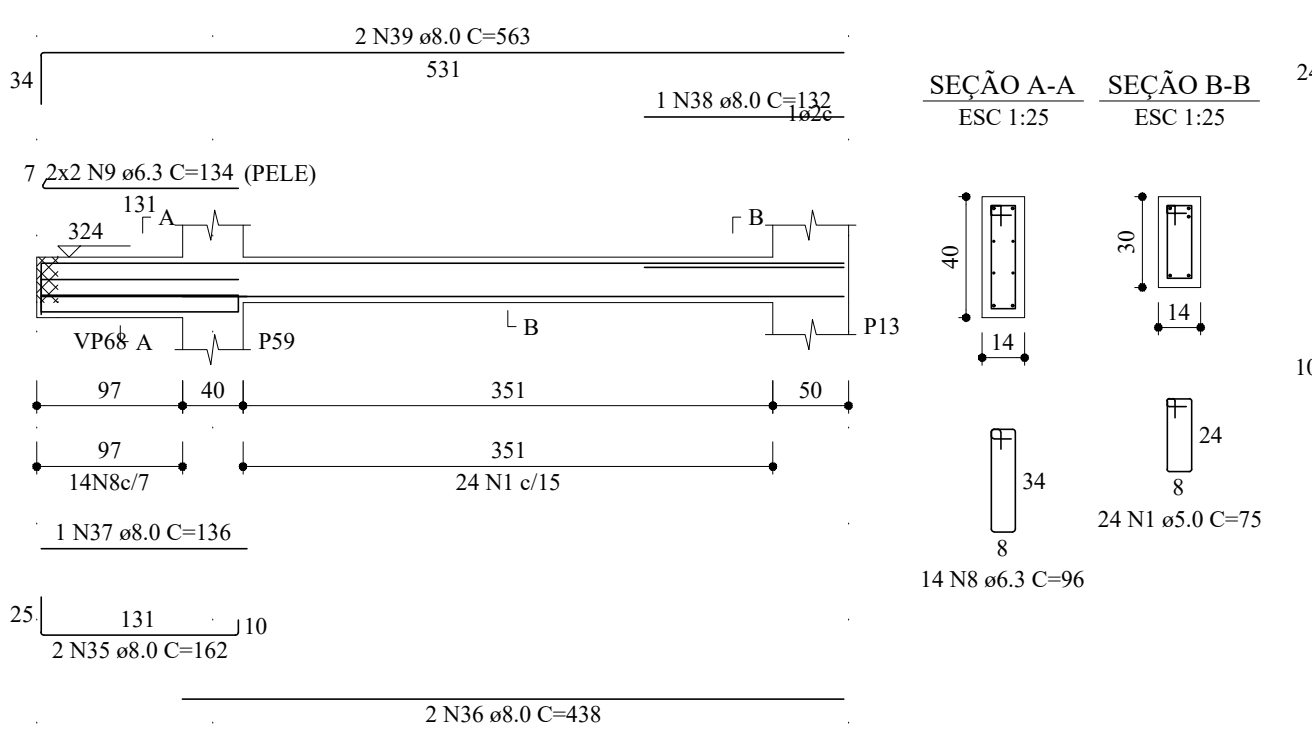
VP82

ESC 1:50



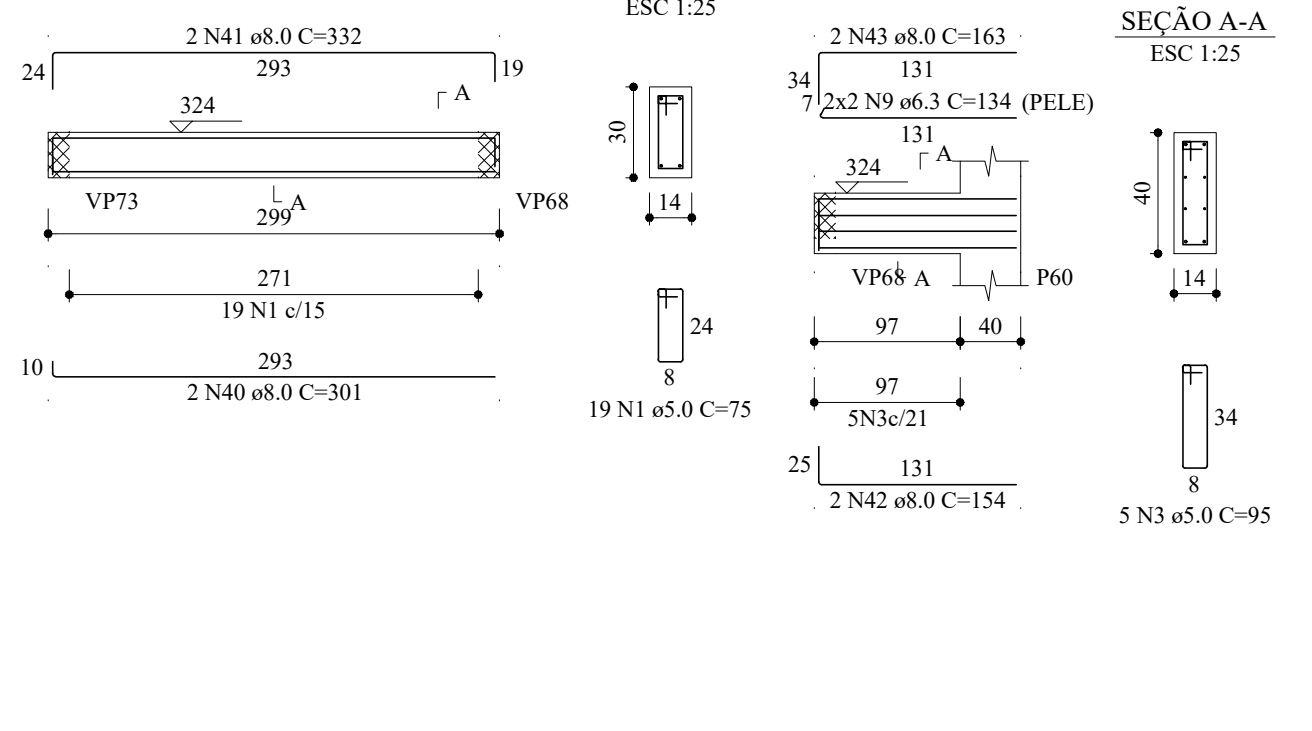
VP83

ESC 1:50



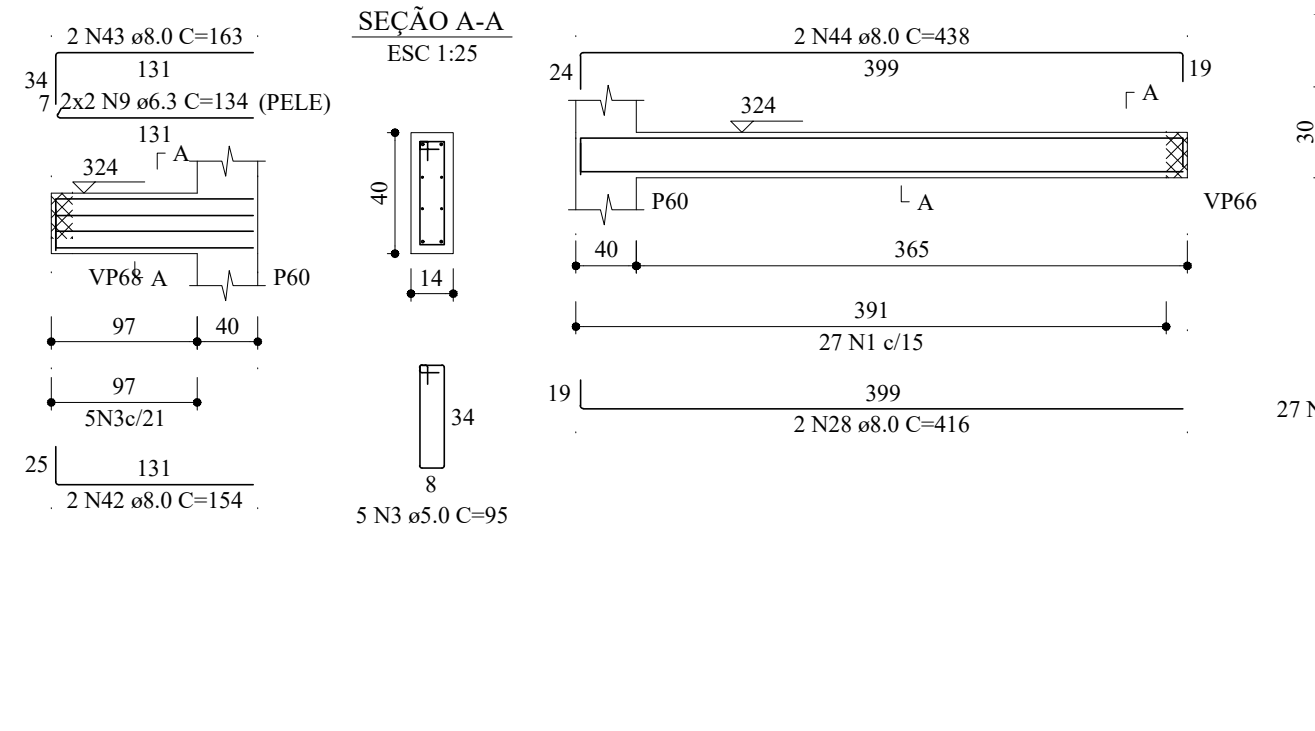
VP84

ESC 1:50



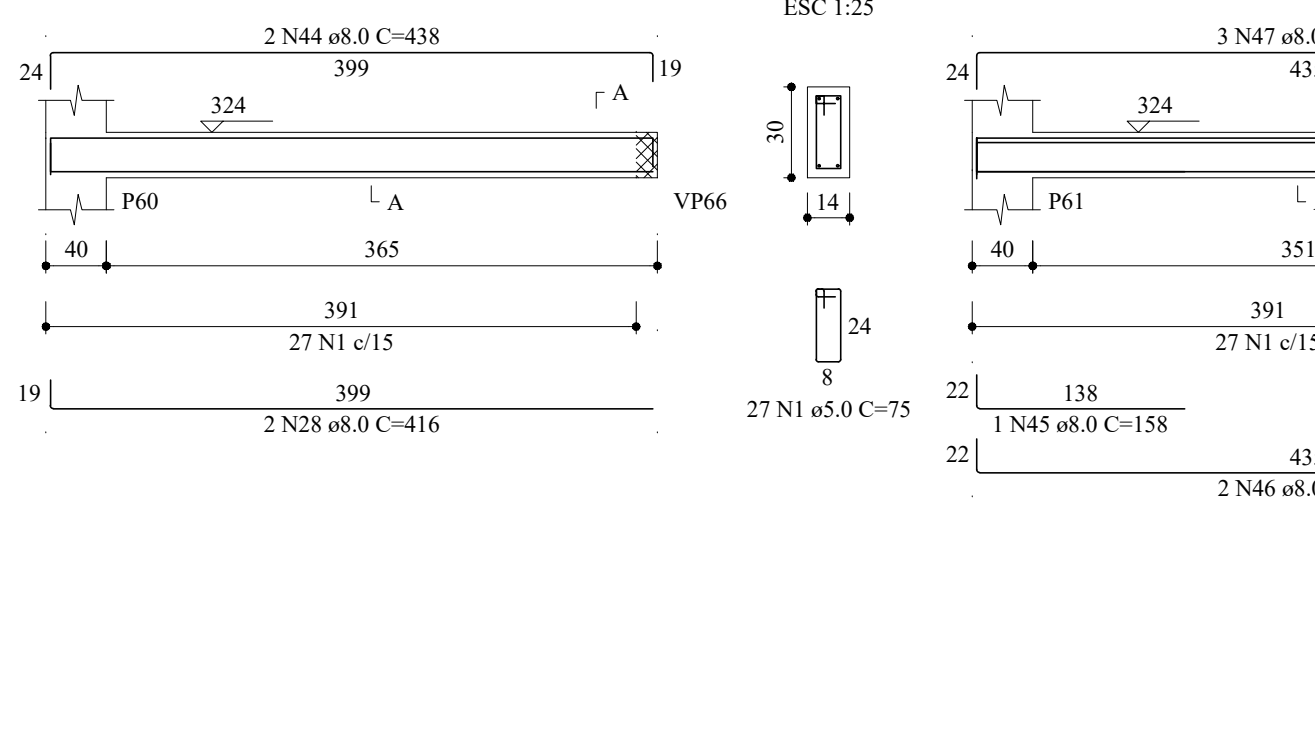
VP85

ESC 1:50



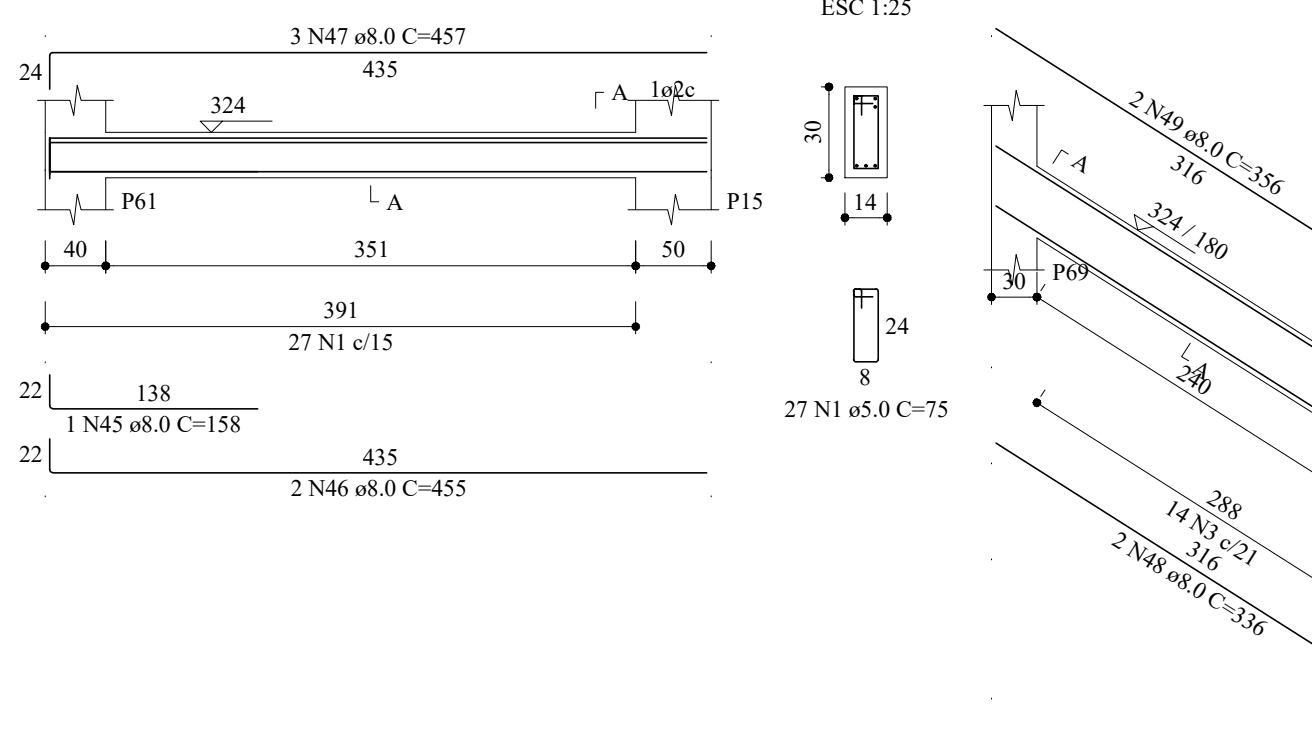
VP86

ESC 1:50



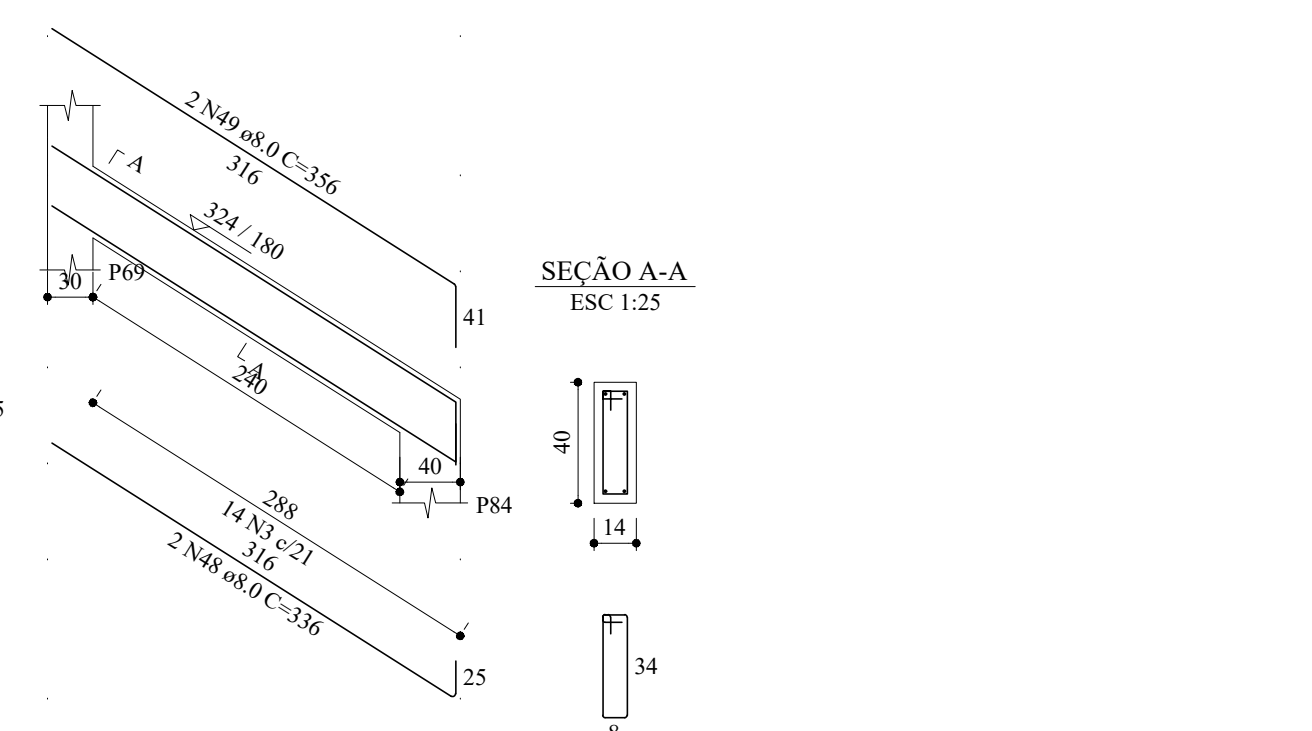
VP87

ESC 1:50



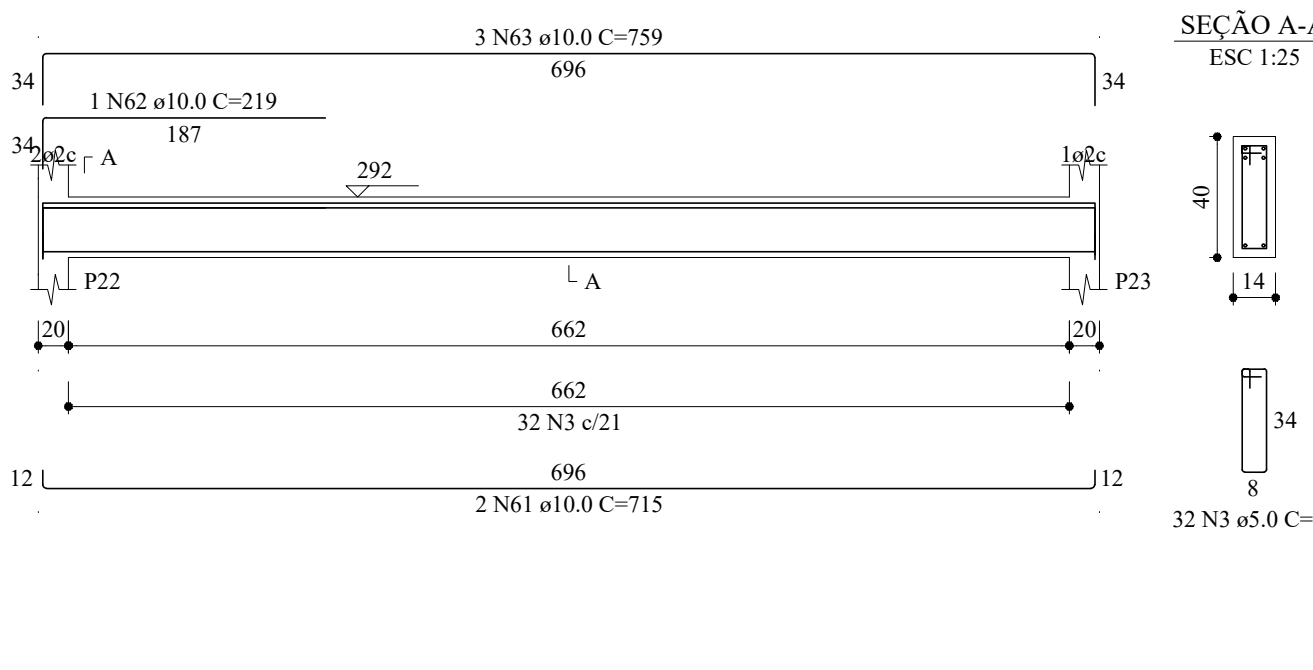
VP88

ESC 1:50



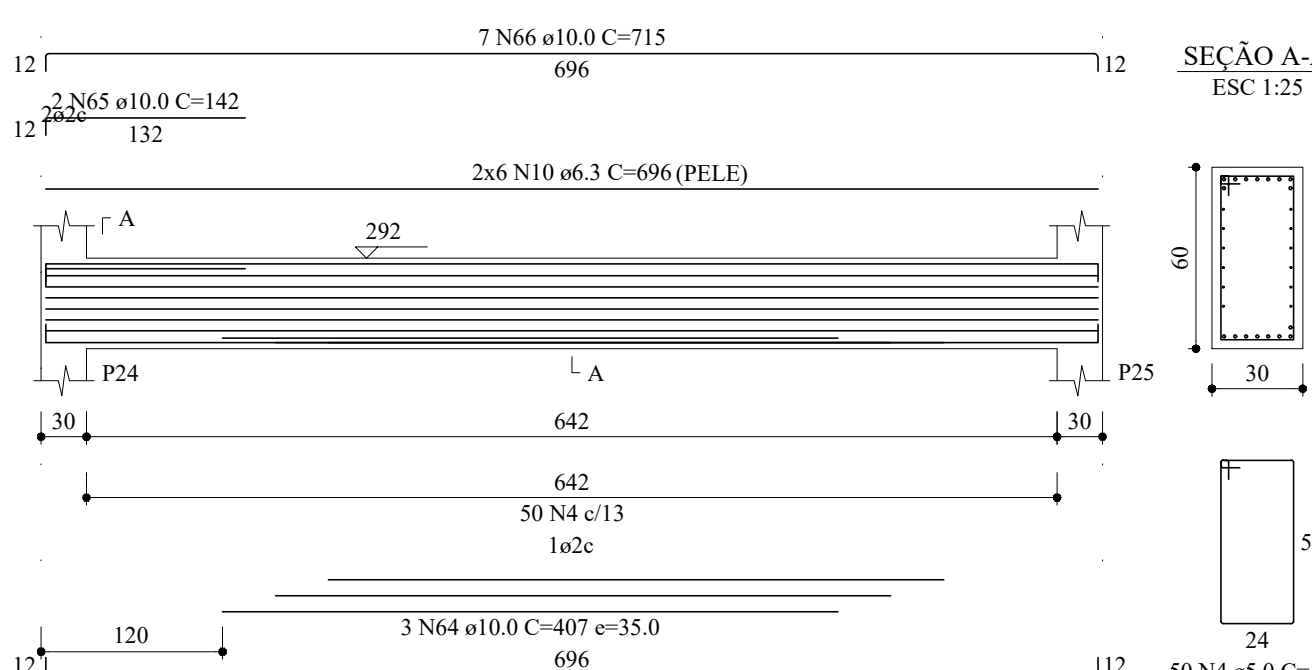
VP89

ESC 1:50



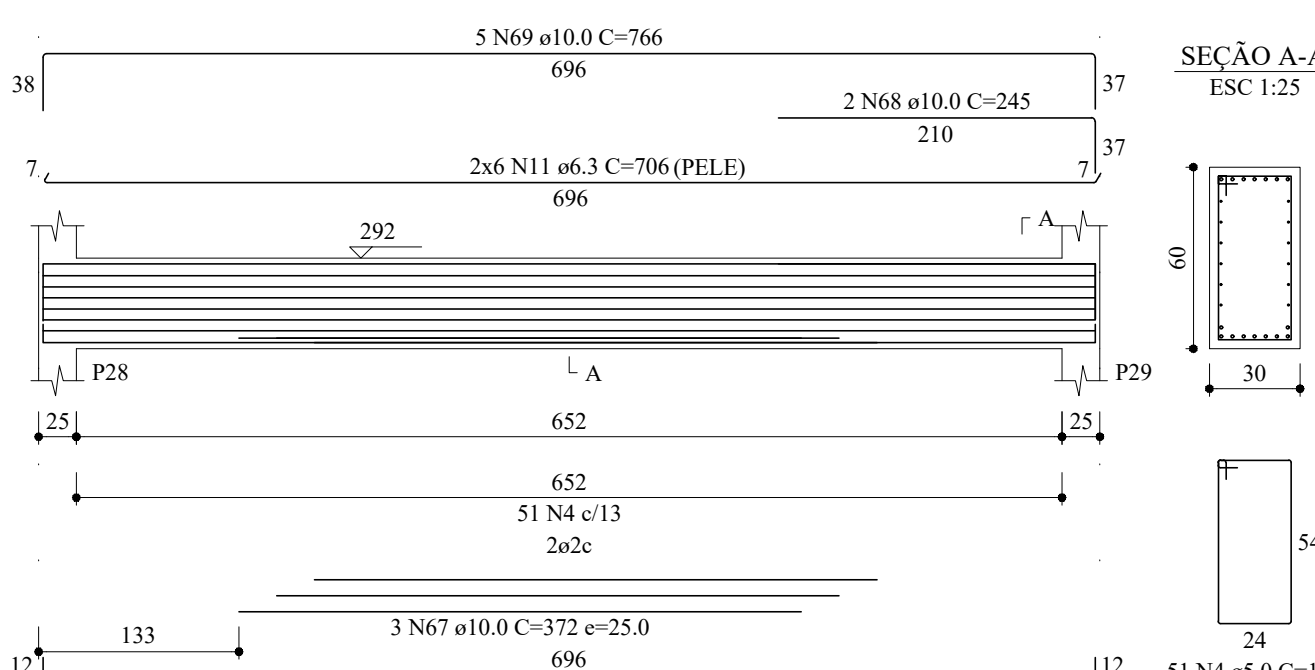
VP90

ESC 1:50



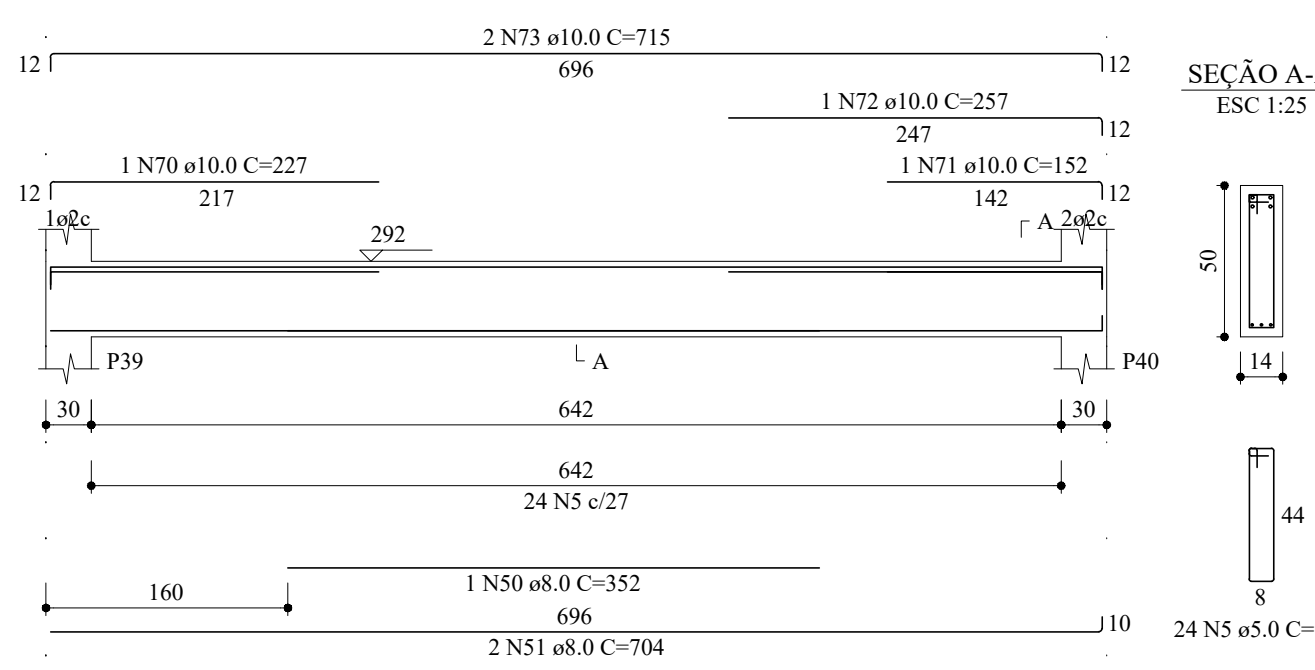
VP91

ESC 1:50



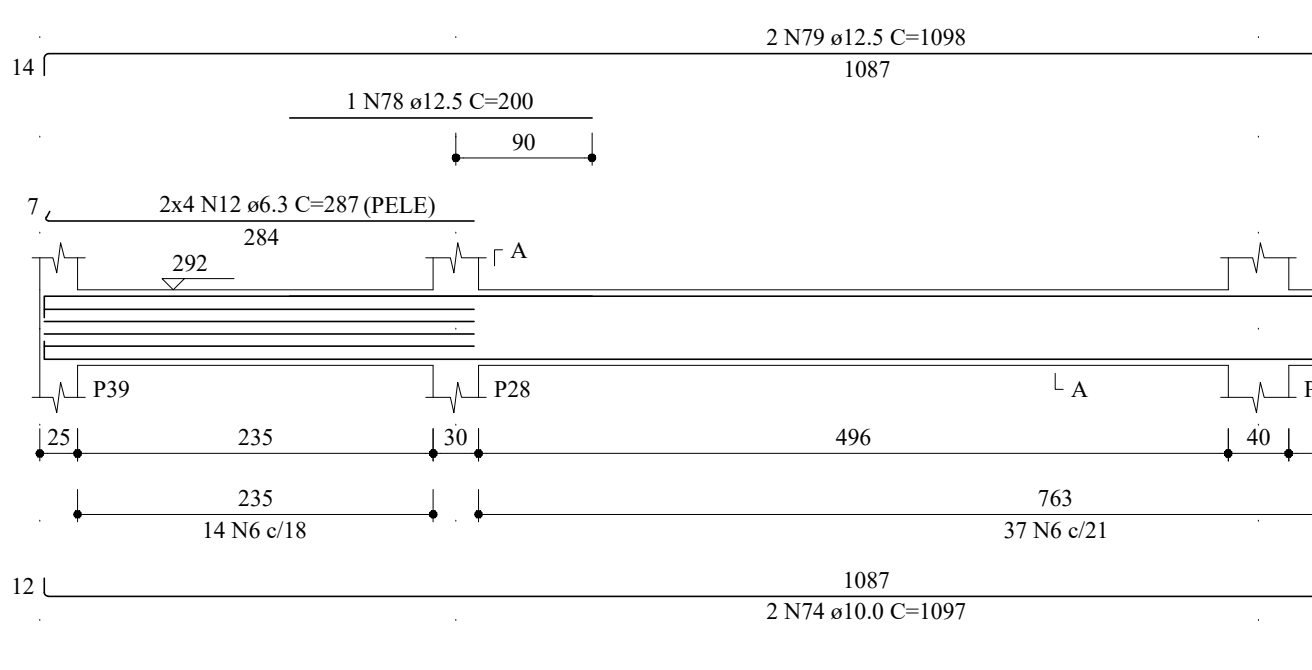
VP92

ESC 1:50



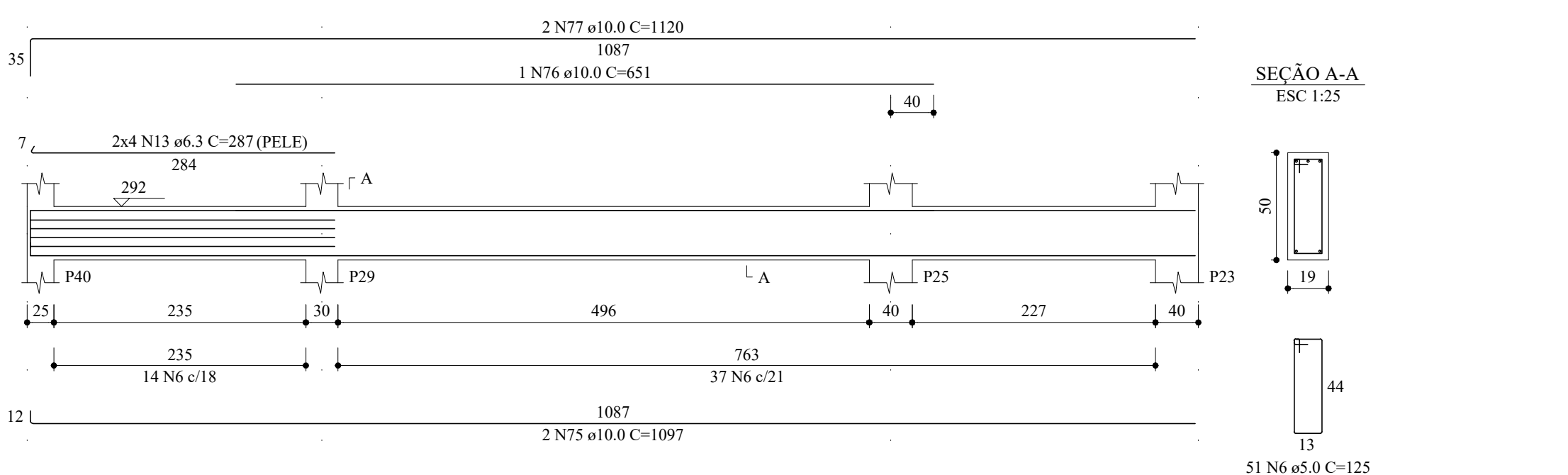
VP93

ESC 1:50



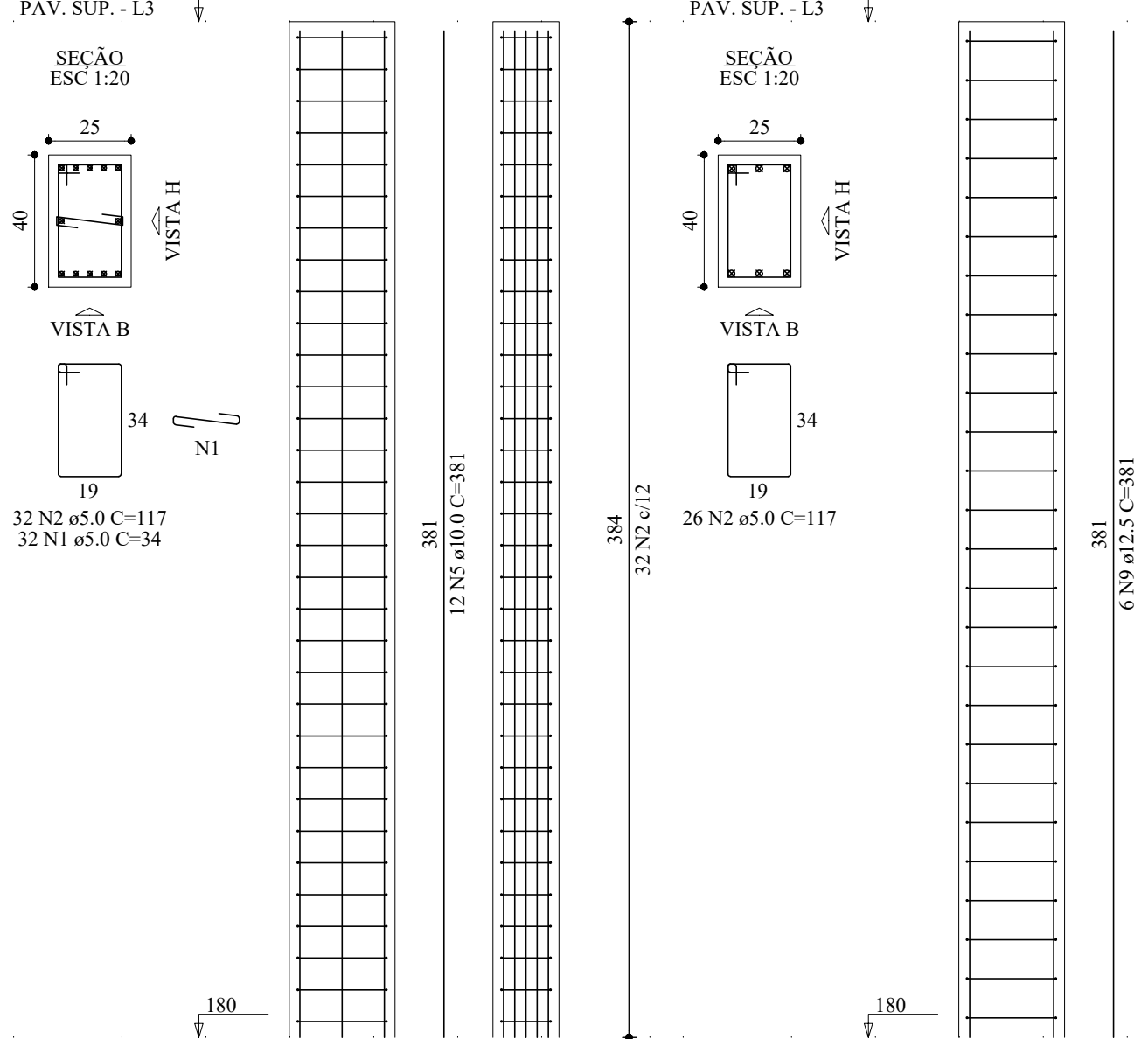
VP94

ESC 1:50



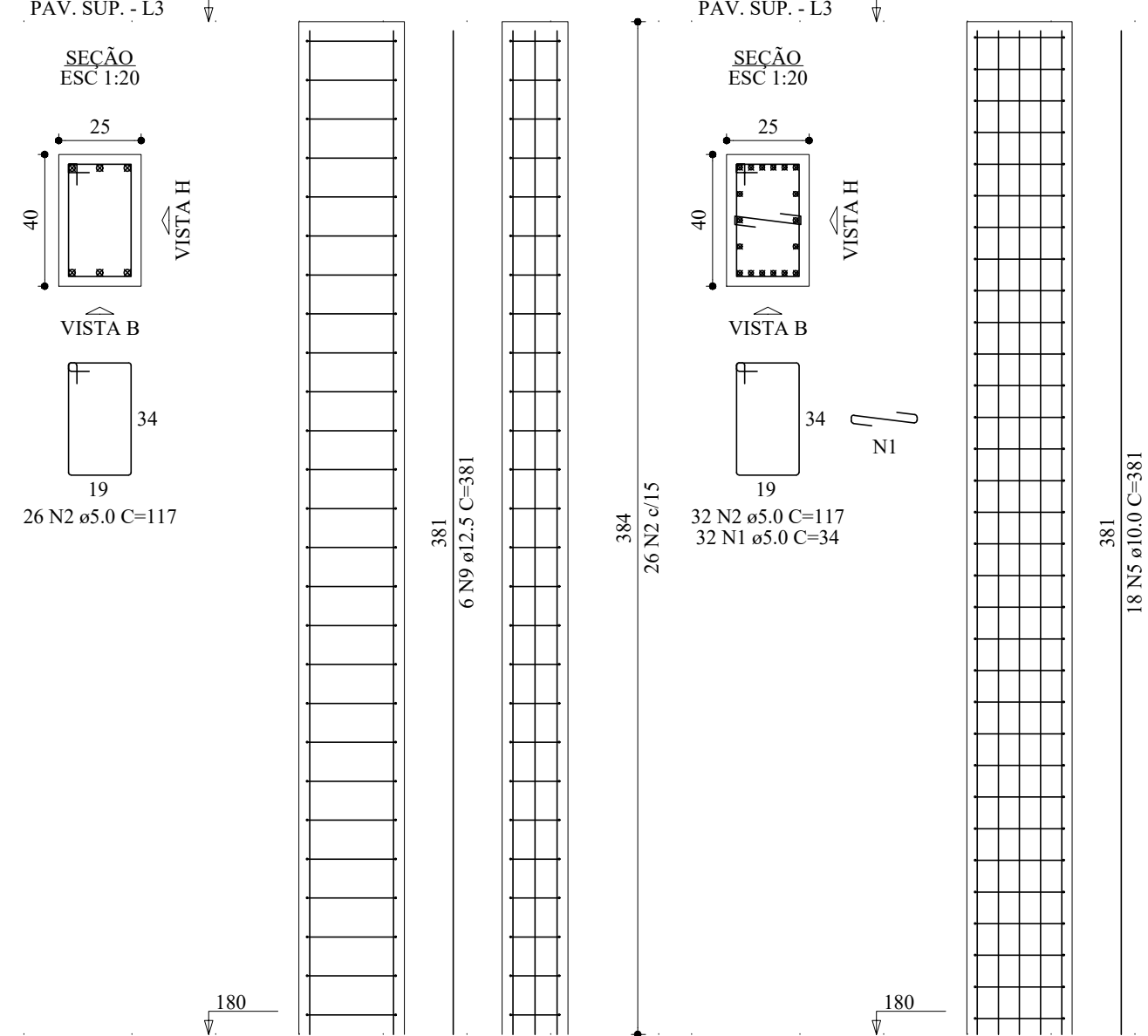
P59

PAV. SUP. - L3



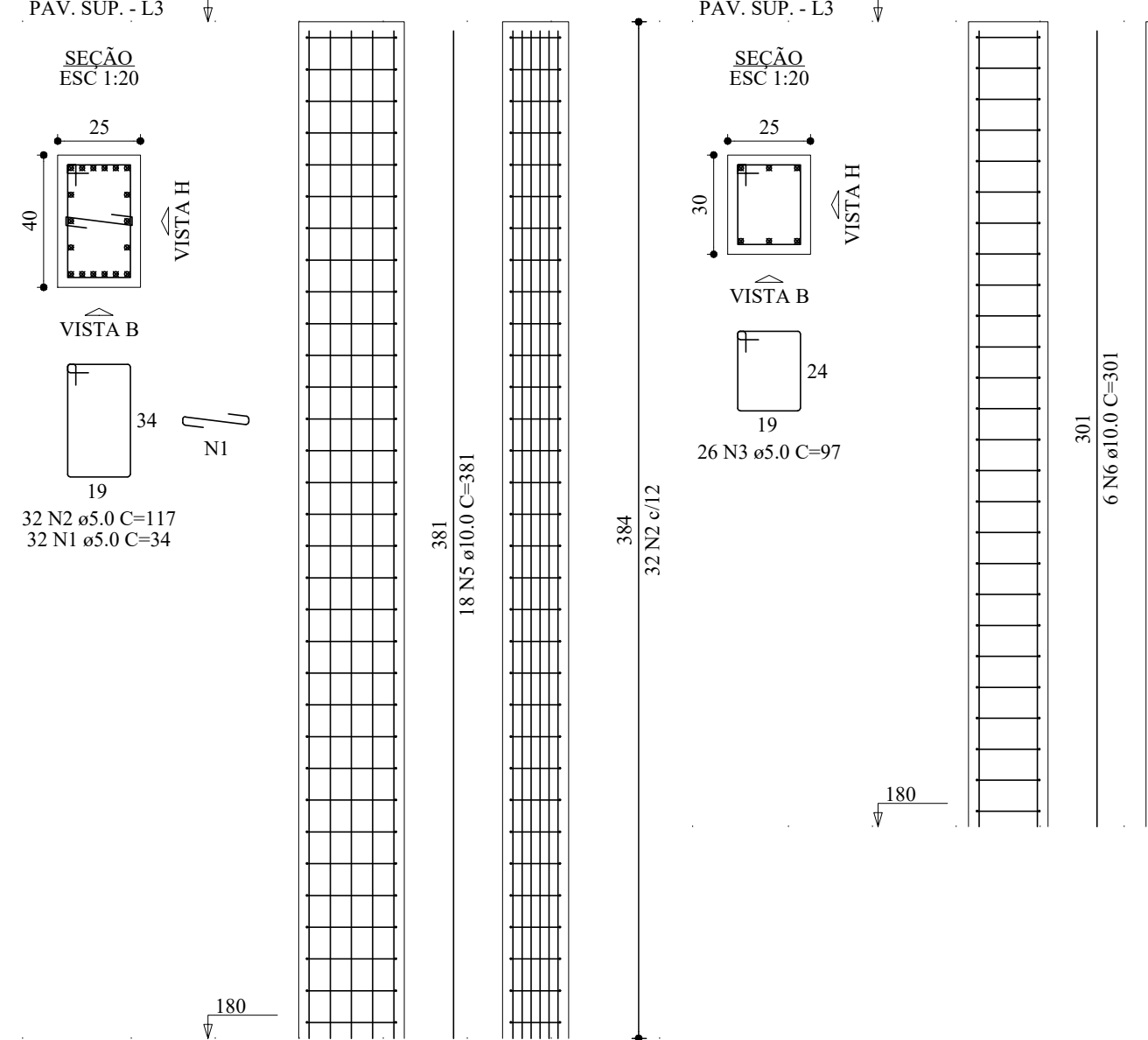
P60

PAV. SUP. - L3



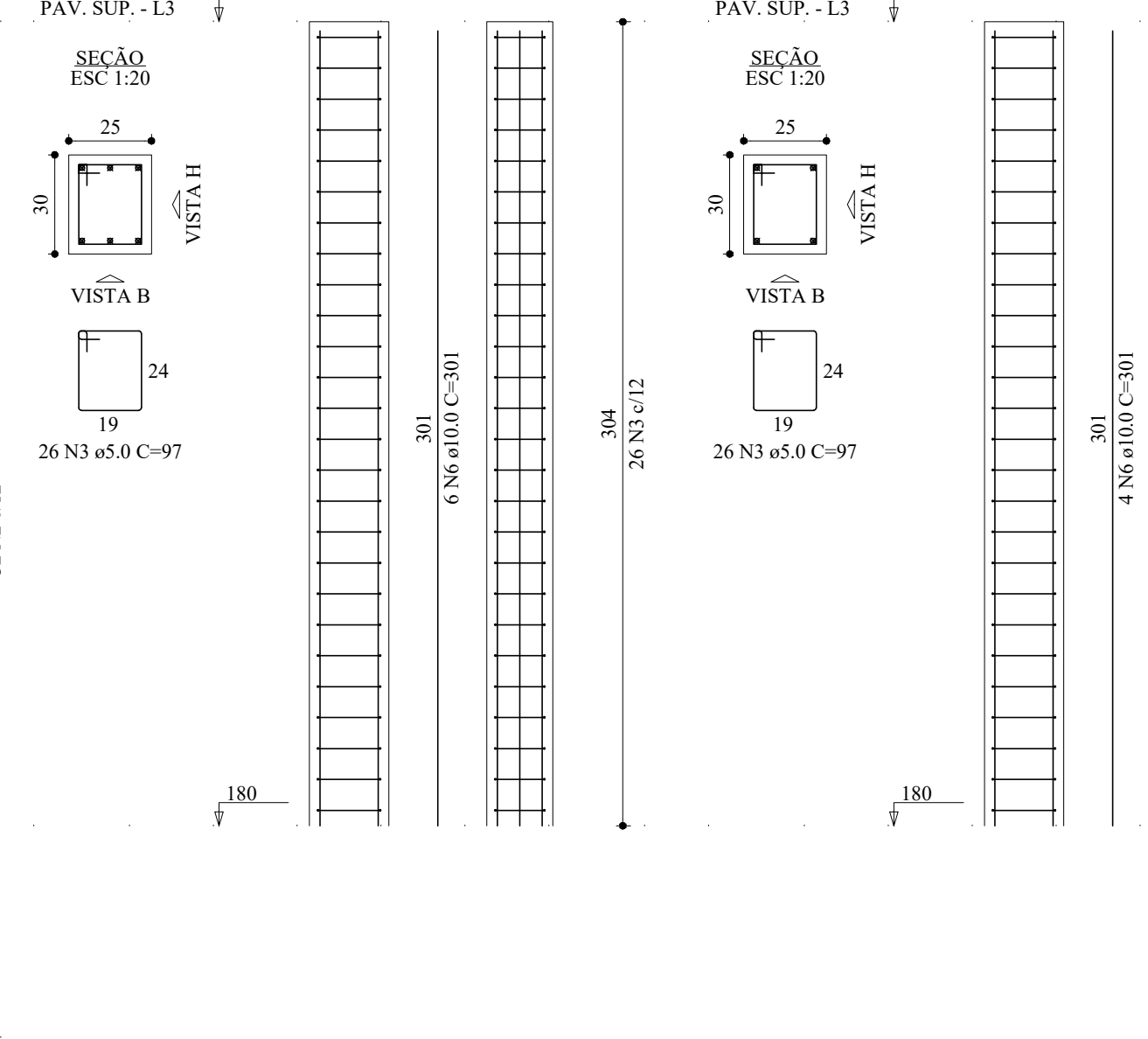
P61

PAV. SUP. - L3



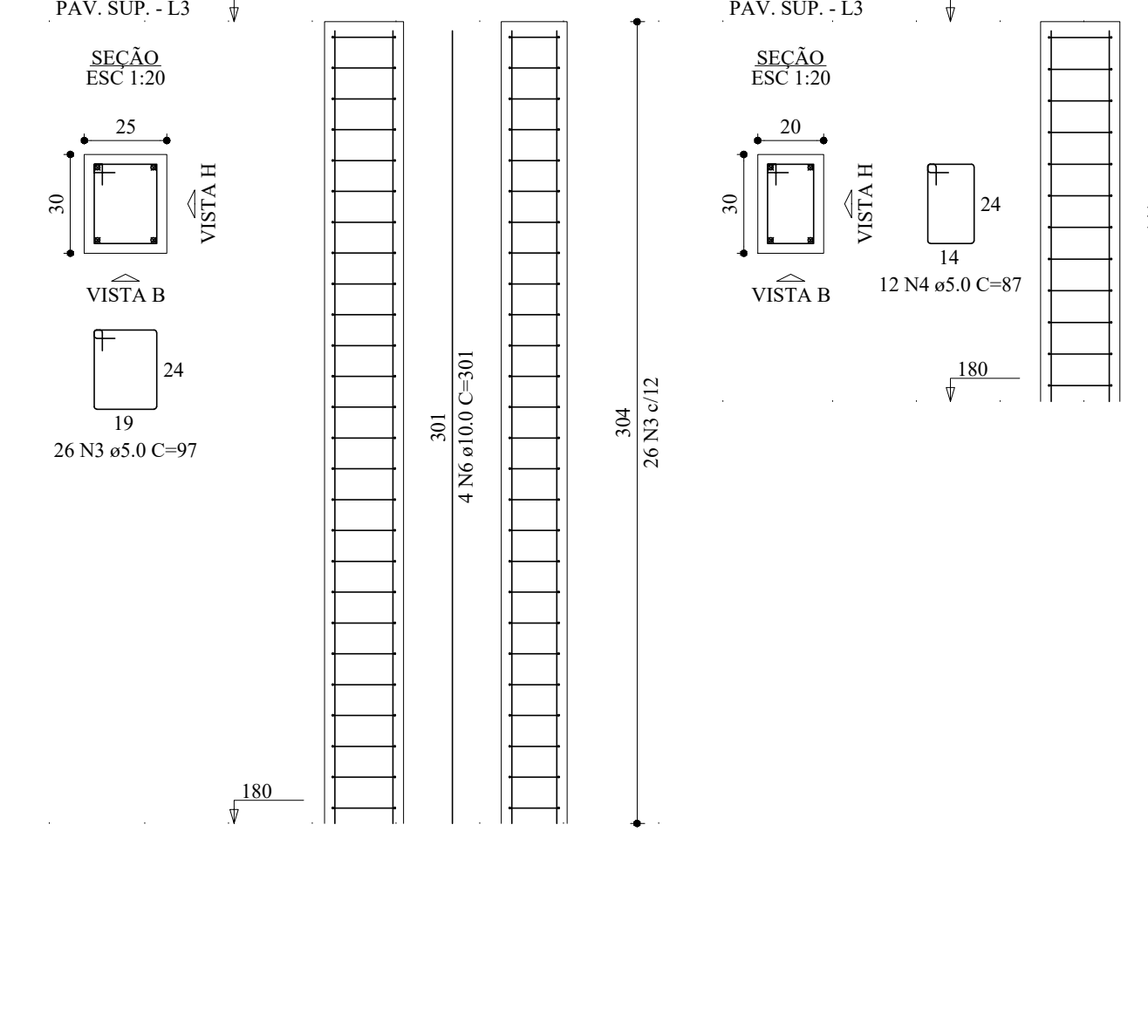
P68

PAV. SUP. - L3



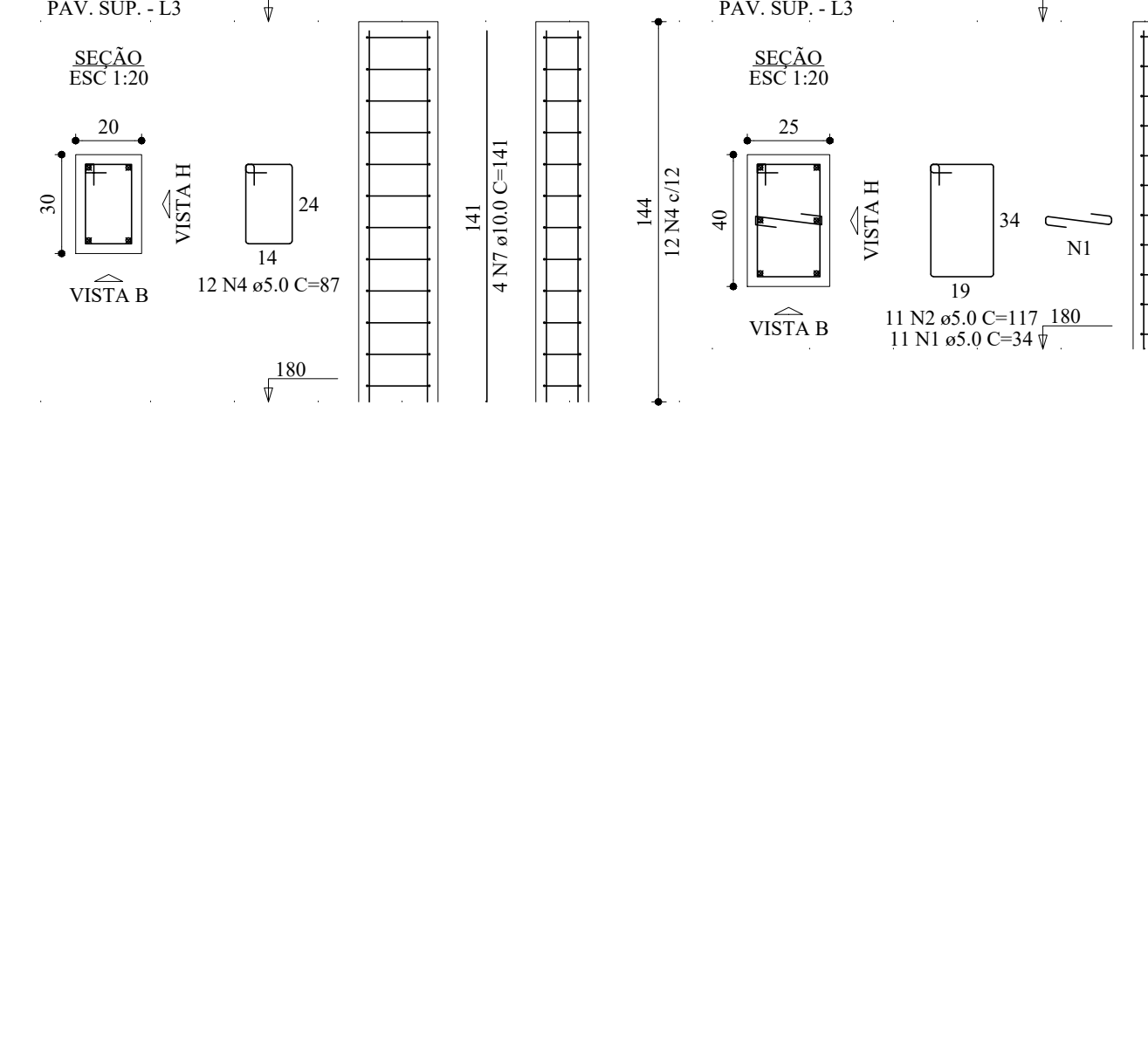
P69

PAV. SUP. - L3



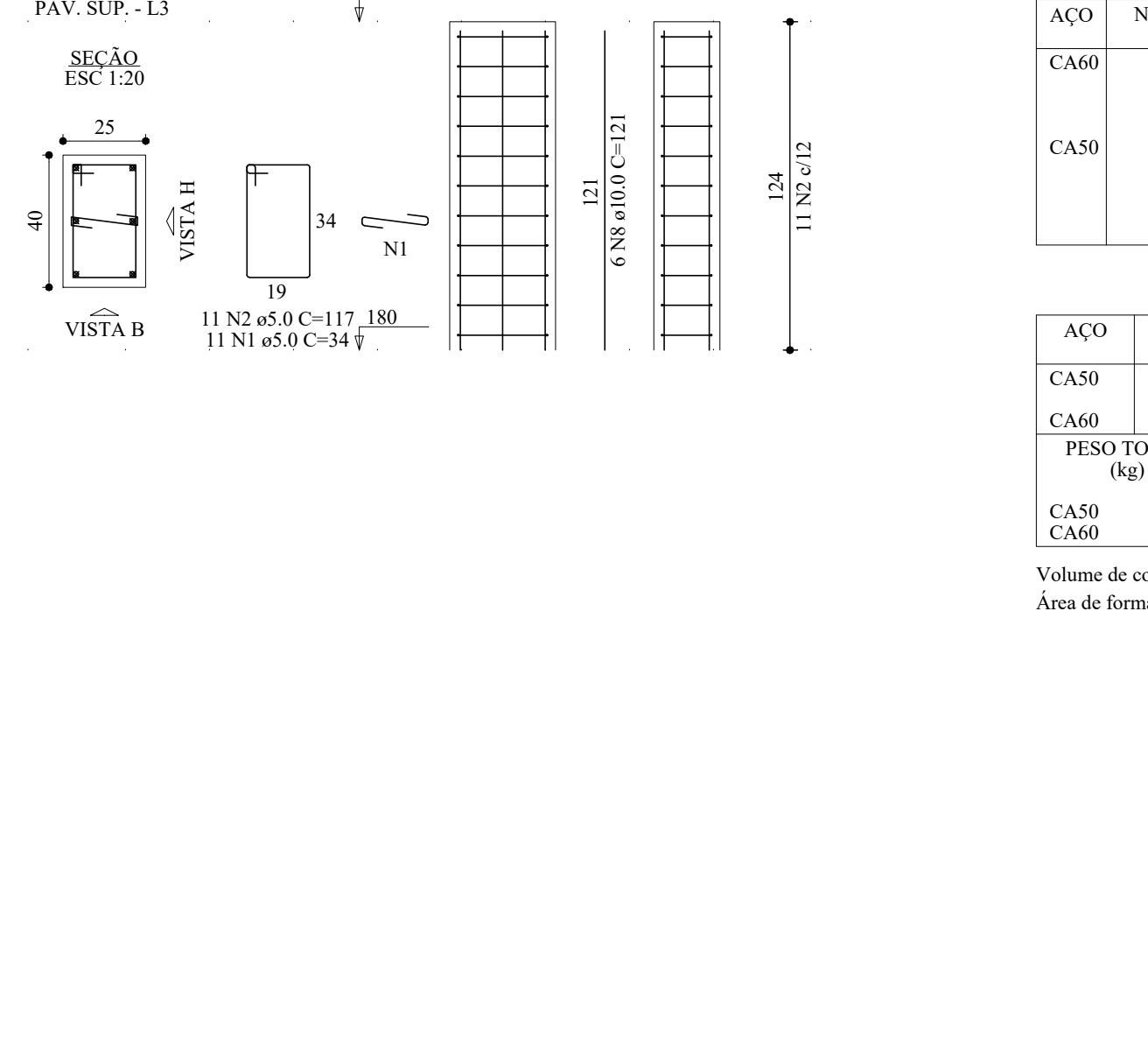
P71=P72

PAV. SUP. - L3



P98=P99

PAV. SUP. - L3



RELAÇÃO DO AÇO

ACO	N	DIAM (mm)	QUANT	CUNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	86	34	2924
CA50	3	5.0	112	117	13104
CA50	4	5.0	52	97	5044
CA50	6	10.0	24	87	2088
CA50	7	10.0	30	381	11430
CA50	8	10.0	18	301	5418
CA50	9	10.0	8	141	1128
CA50	10	10.0	12	121	1452
CA50	11	10.0	6	381	2286

RESUMO DO AÇO

ACO	DIAM (mm)	C.TOTAL (m)	PESO = 0% (kg)
CA60	10.0	170.2	104.9
CA50	12.5	22.9	22
CA60	5.0	251.6	35.7

PESO TOTAL (kg)

CA60	127
CA50	35.7

Volume de concreto (C-25) = 2.03 m³

Área de forma = 27.77 m²

RELAÇÃO DO AÇO

ACO	N	DIAM (mm)	QUANT	CUNIT (cm)	C.TOTAL (cm)
VP71	1	5.0	519	75	38925
VP74	2	5.0	38	155	5890
VP77	3	5.0	79	95	7505
VP80	4	5.0	101	167	16687
VP83	5	5.0	24	115	2760
VP85	6	5.0	102	107	10750
VP87	7	6.3	8	1063	8504
VP88	8	6.3	12	686	8352
VP89	9	6.3	8	134	1072
VP90	10	6.3	12	287	3396
VP91	11	6.3	12	706	8472
VP92	12	6.3	12	287	3396
VP93	13	6.3	8	287	2286
VP94	14	6.3	8	287	2286
VP95	15	8.0	2	500	1000
VP96	16	8.0	2	1173	2346
VP97	17	8.0	2	177	354
VP98	18	8.0	2	177	354
VP99	19	8.0	2	542	1084
VP00	20	8.0	2	1196	2396
VP01	21	8.0	2	375	750
VP02	22	8.0	2	375	750
VP03	23	8.0	2	233	466
VP04	24	8.0	2	219	438
VP05	25	8.0	2	800	1600
VP06	26	8.0	2	819	1638
VP07	27	8.0	4	399	1596
VP08	28	8.0	4	603	2412
VP09	29	8.0	4	603	2412
VP10	30	8.0	2	620	1240
VP11	31	8.0	2	642	1284
VP12	32	8.0	2	398	796
VP13	33	8.0	2	162	324
VP14	34	8.0	2	152	304
VP15	35	8.0	1	136	272
VP16	36	8.0	1	136	272
VP17	37	8.0	1	136	272
VP18	38	8.0	1	136	272
VP19	39	8.0	2	563	1126
VP20	40	8.0	2	301	602
VP21	41	8.0	2	332	664
VP22	42	8.0	2	154	308
VP23	43	8.0	2	163	326
VP24	44	8.0	2	455	910
VP25	45	8.0	1	158	316
VP26	46	8.0	1	158	316
VP27	47	8.0	3	457	1371
VP28	48	8.0	2	356	712
VP29	49	8.0	2	356	712
VP30	50	8.0	2	704	1408
VP31	51	10.0	2	1096	2192
VP32	52	10.0	2	205	410
VP33	53	10.0	1	325	650
VP34	54	10.0	1	325	650
VP35	55	10.0	1	1157	2314
VP36	56	10.0	2	1370	2740
VP37	57	10.0	2	660	1320
VP38	58	10.0	2	257	514
VP39	59	10.0	2	715	1430
VP40	60	10.0	13	715	9295
VP41	61	10.0	13	715	9295
VP42	62	10.0	3	219	438
VP43	63	10.0	3	759	1518
VP44	64	10.0	3	407	814
VP45	65	10.0	2	142	284
VP46	66	10.0	2	142	284
VP47	67	10.0	3	372	744
VP48	68	10.0	3	372	744
VP49	69	10.0	5	766	1532
VP50	70	10.0	1	227	454
VP51	71	10.0	1	152	304
VP52	72	10.0	1	227	454
VP53	73	10.0	2	715	1430
VP54	74	10.0	2	1097	2194
VP55	75	10.0	2	1097	2194
VP56	76	10.0	2	651	1302
VP57	77	10.0	2	1120	2240
VP58	78	12.5	1	300	600
VP59	79	12.5	2	1098	2196

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 0% (kg)
CA50	6.3	323.4	79.1
	8.0	405.1	159.8
	10.0	444.6	274.1
	12.5	24	23.1
CA60	5.0	847	130.5