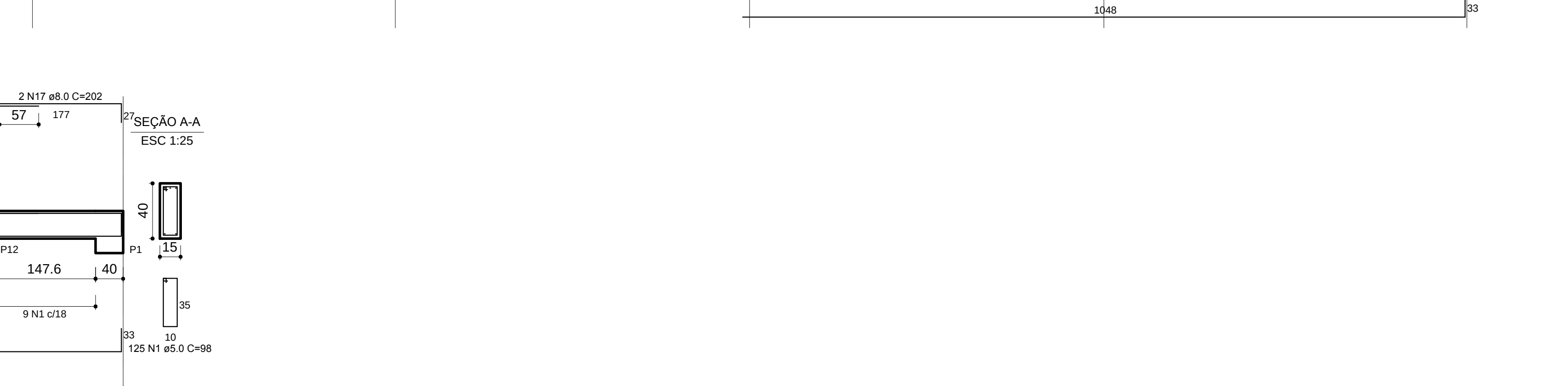
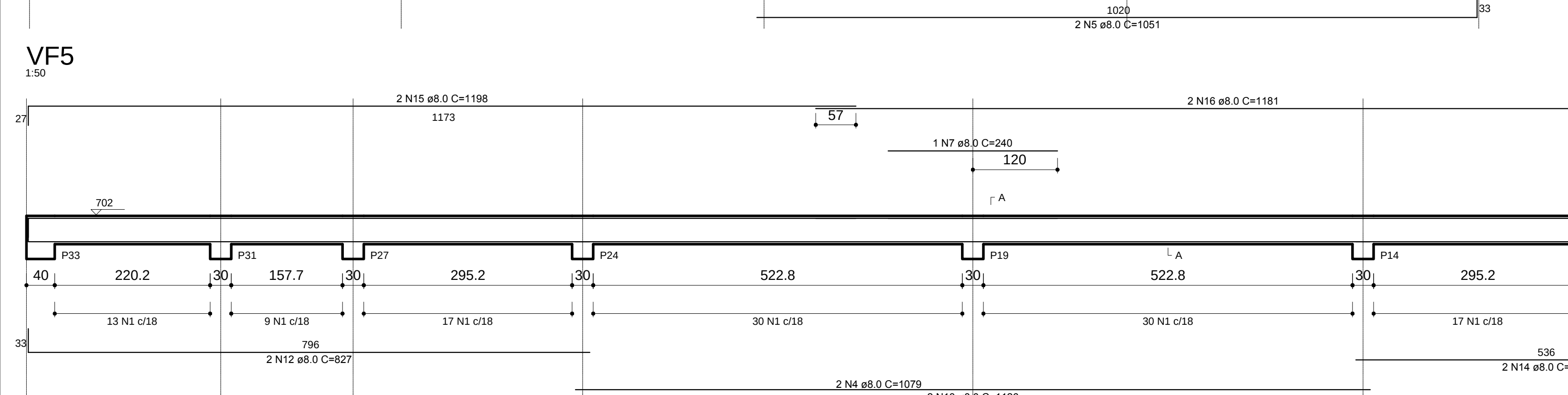
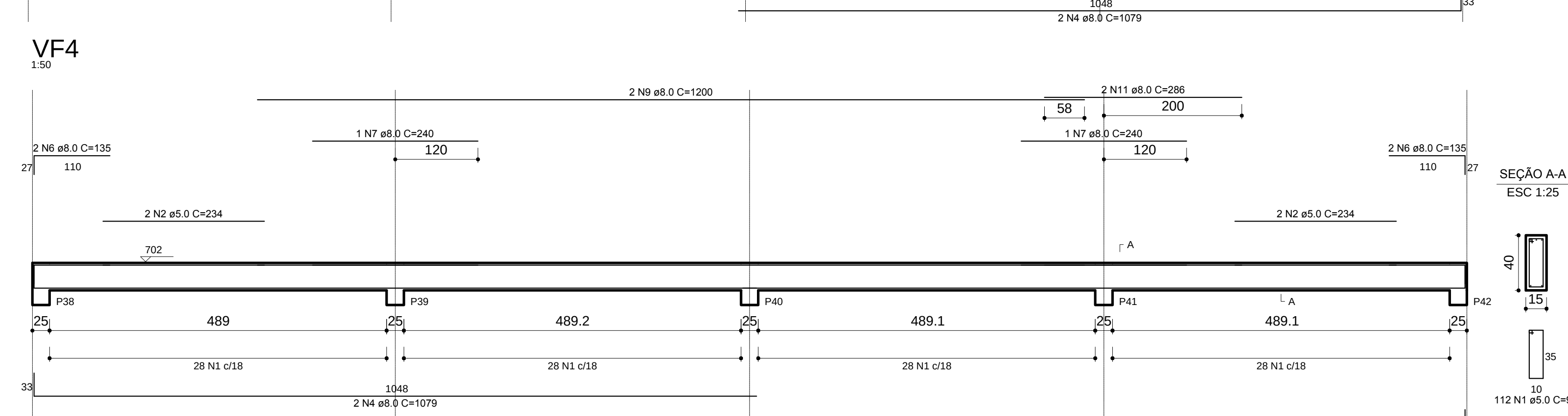
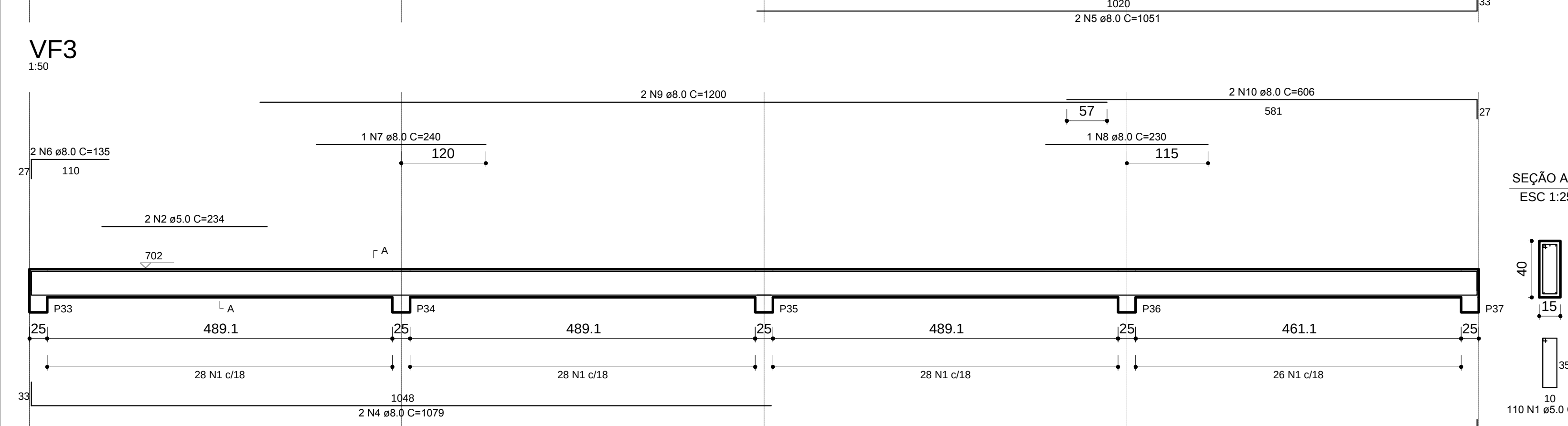
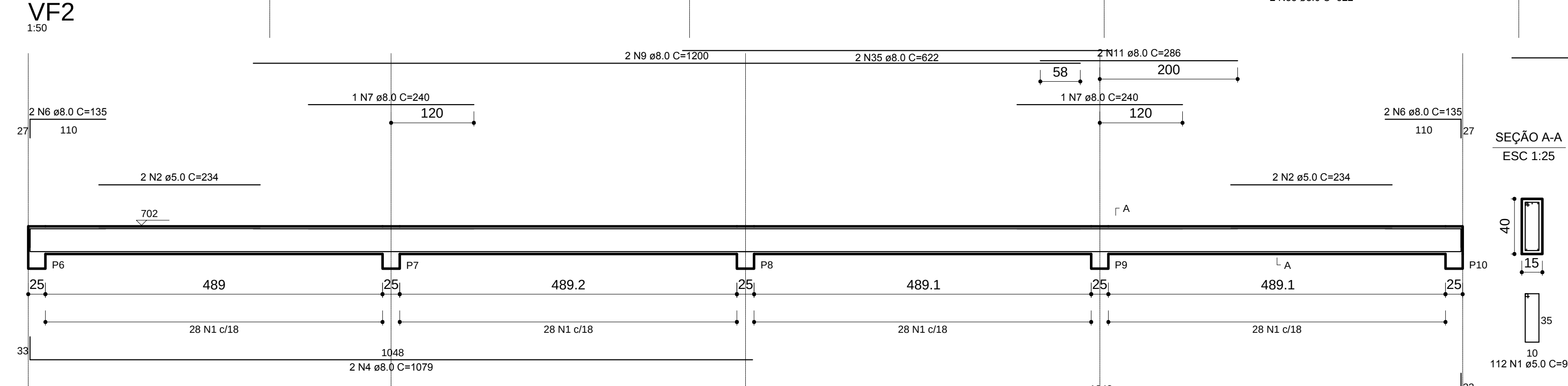
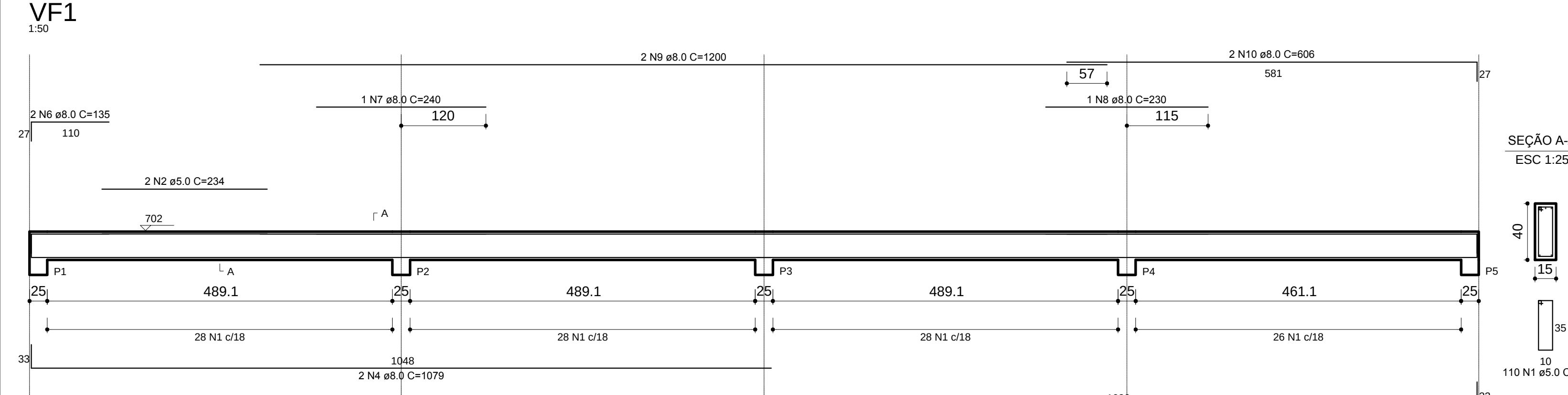
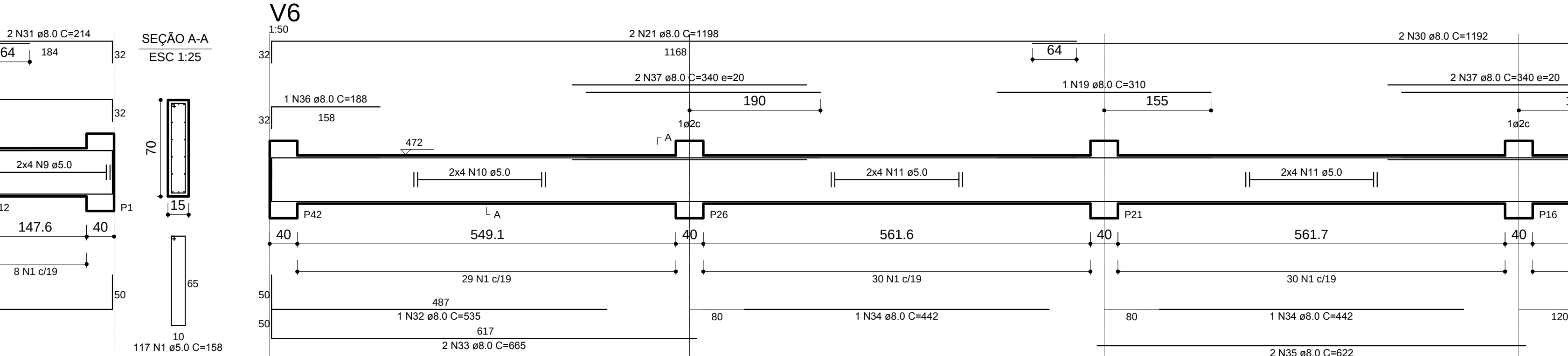
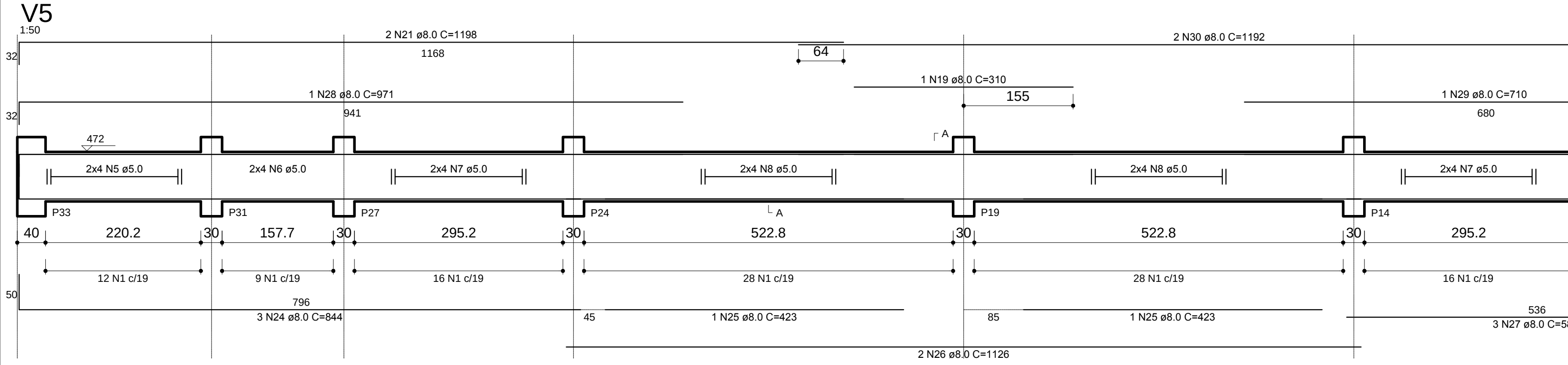
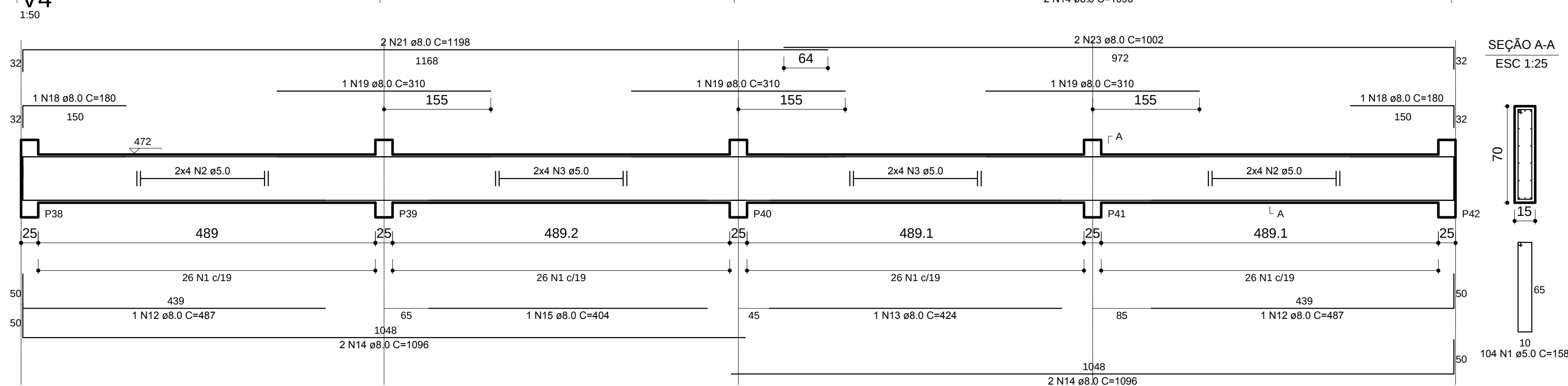
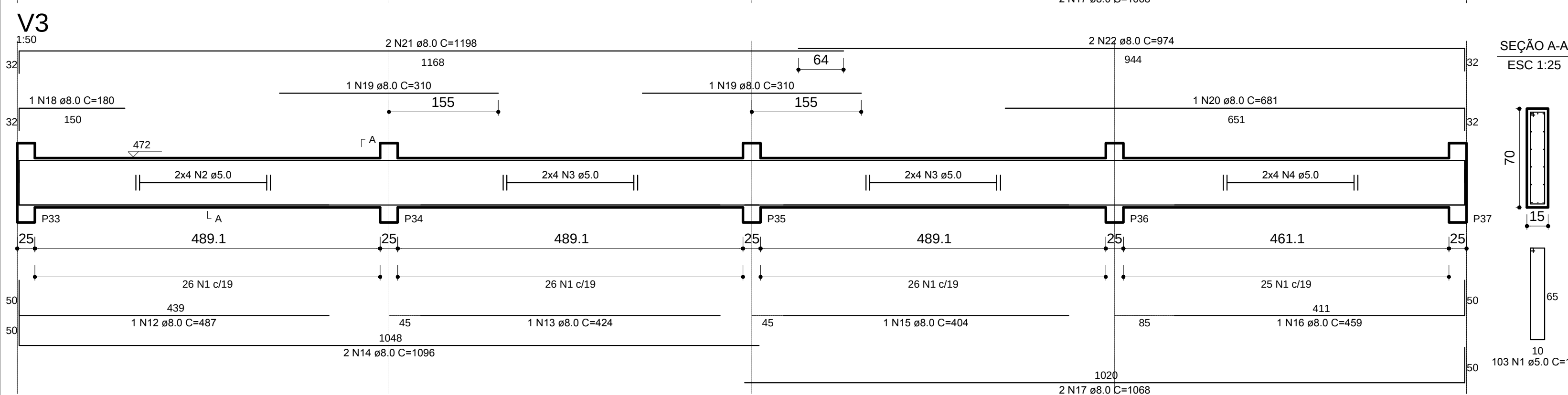
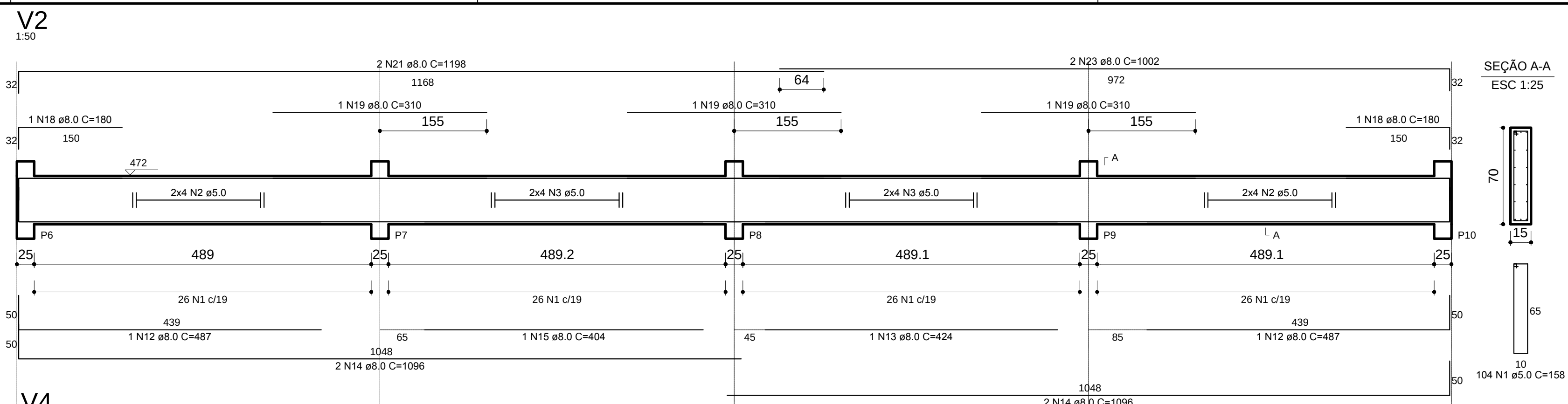
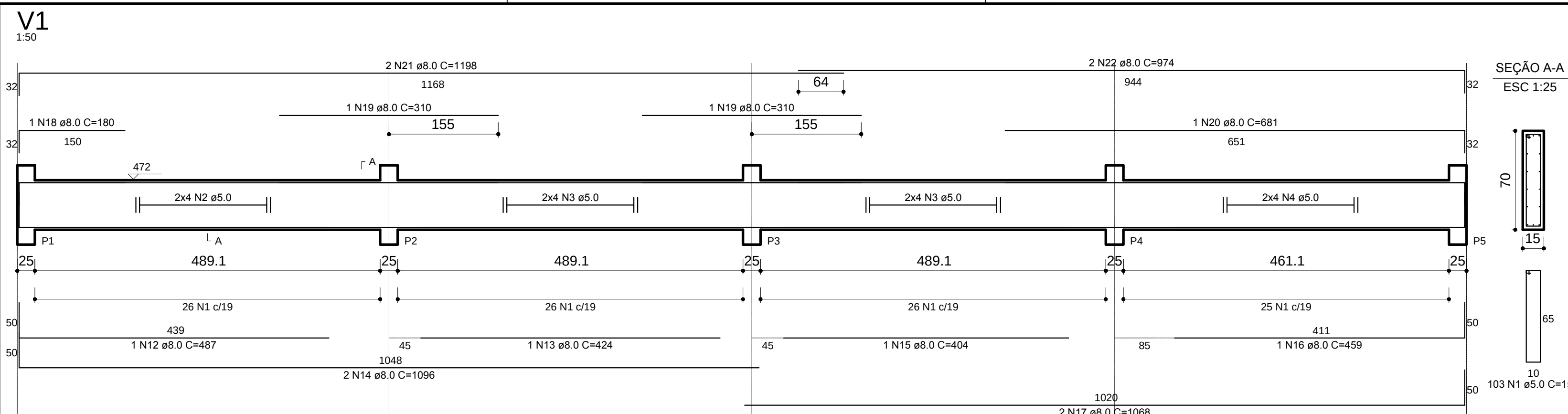




RELAÇÃO DO AÇO

AÇO	N	DIAM	C.TOTAL	PESO+%
50	1	5.0	648	158
	2	5.0	45	10
	3	5.0	64	15
	4	5.0	16	4
	5	5.0	8	2
	6	5.0	16	4
	7	5.0	16	4
	8	5.0	16	4
	9	5.0	16	4
	10	5.0	16	4
	11	5.0	16	4
	12	5.0	16	4
	13	5.0	16	4
	14	5.0	16	4
	15	5.0	16	4
	16	5.0	16	4
	17	5.0	16	4
	18	5.0	16	4
	19	5.0	16	4
	20	5.0	16	4
	21	5.0	16	4
	22	5.0	16	4
	23	5.0	16	4
	24	5.0	16	4
	25	5.0	16	4
	26	5.0	16	4
	27	5.0	16	4
	28	5.0	16	4
	29	5.0	16	4
	30	5.0	16	4
	31	5.0	16	4
	32	5.0	16	4
	33	5.0	16	4
	34	5.0	16	4
	35	5.0	16	4
	36	5.0	16	4
	37	5.0	16	4

RESUMO DO AÇO

AÇO	DIAM	C.TOTAL	PESO+%
CASO	5.0	2077.5	320.0
PESO TOTAL		755.6	302.5
CASO	622.5		

Vol. de concreto total = 13.77 m³

Área de forma total = 203.24 m²

RELAÇÃO DO AÇO

AÇO	N	DIAM	C.TOTAL	PESO+%
50	1	5.0	695	98
	2	5.0	12	2
	3	5.0	14	2
	4	5.0	12	2
	5	5.0	14	2
	6	5.0	12	2
	7	5.0	14	2
	8	5.0	12	2
	9	5.0	14	2
	10	5.0	12	2
	11	5.0	14	2
	12	5.0	12	2
	13	5.0	14	2
	14	5.0	12	2
	15	5.0	14	2
	16	5.0	12	2
	17	5.0	14	2
	18	5.0	12	2
	19	5.0	14	2
	20	5.0	12	2
	21	5.0	14	2
	22	5.0	12	2
	23	5.0	14	2

RESUMO DO AÇO

AÇO	DIAM	C.TOTAL	PESO+%
CASO	5.0	724.2	111.5
PESO TOTAL		558.4	219.5
CASO	331.0		

Vol. de concreto total = 7.87 m³

Área de forma total = 124.57 m²