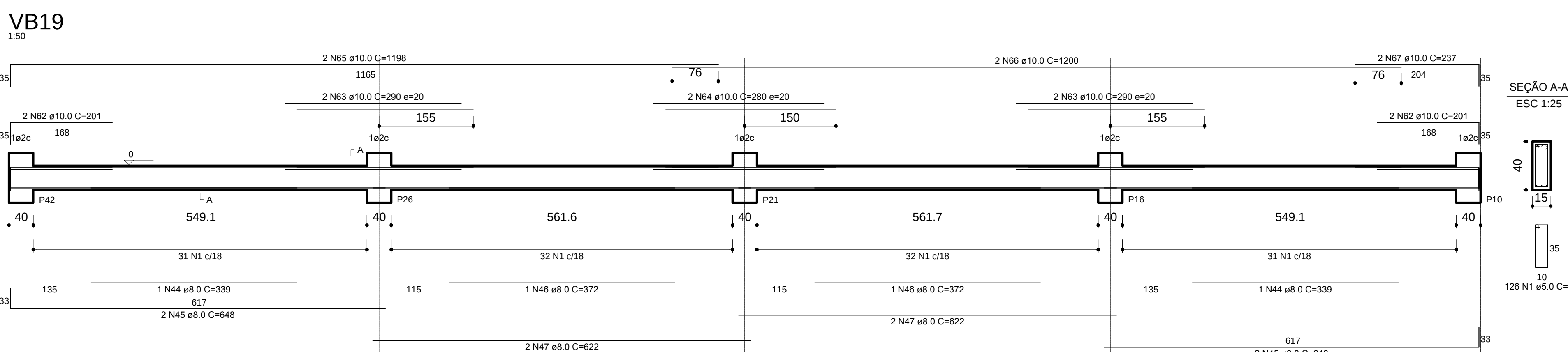
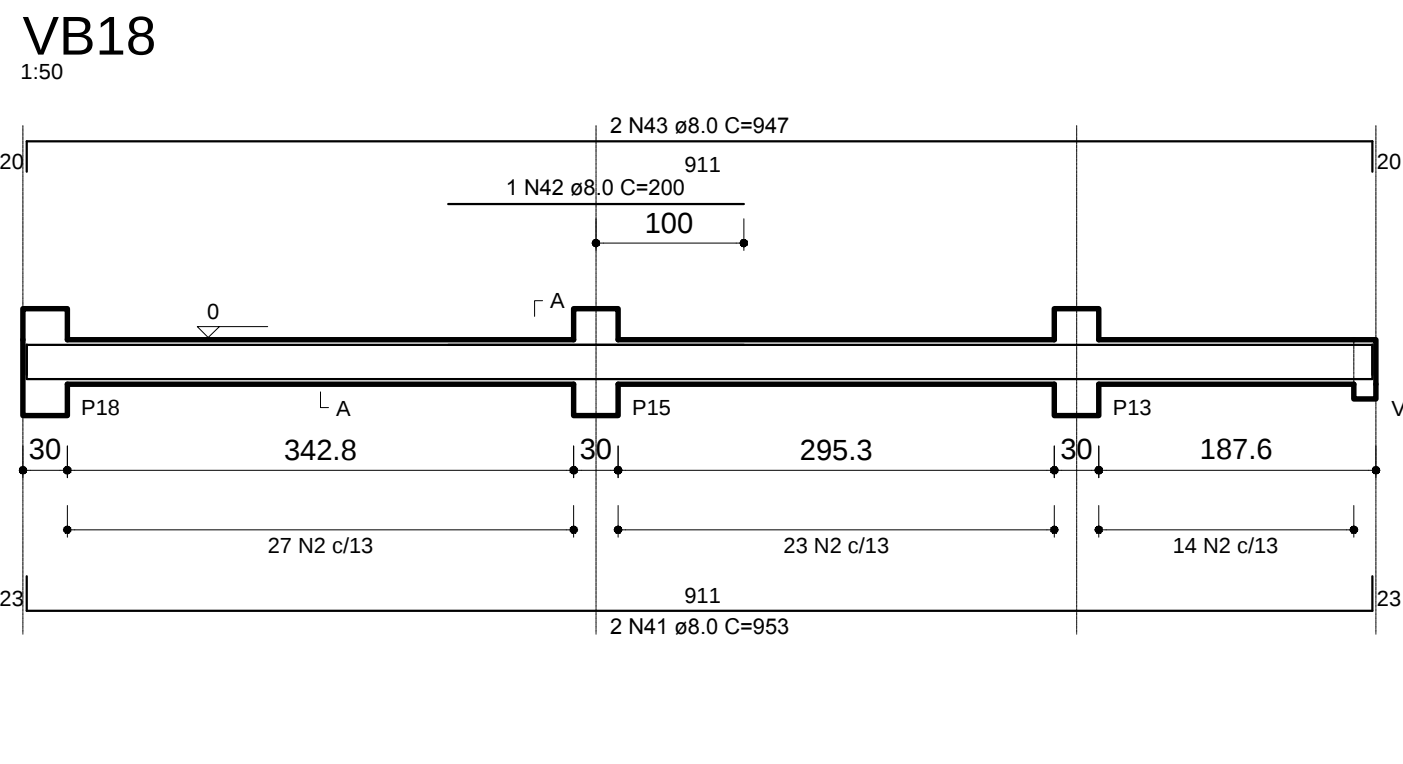
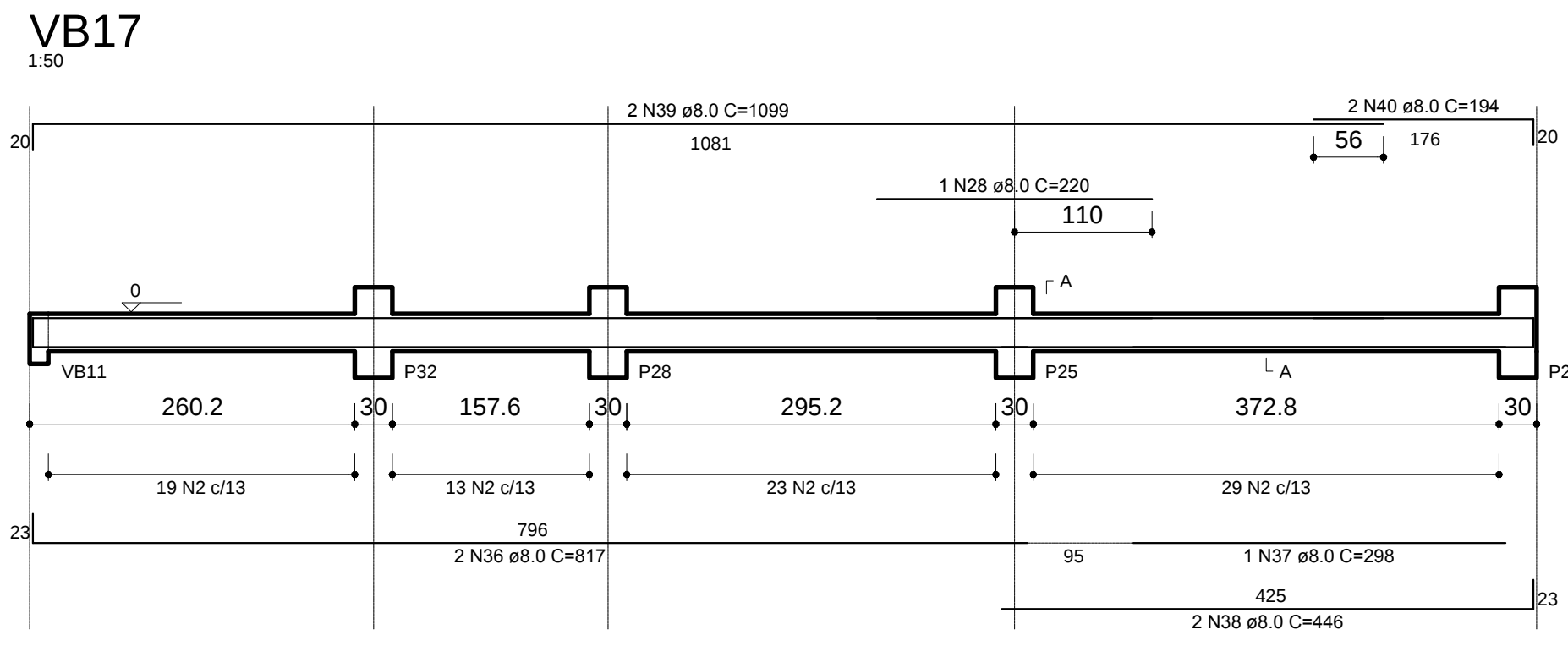
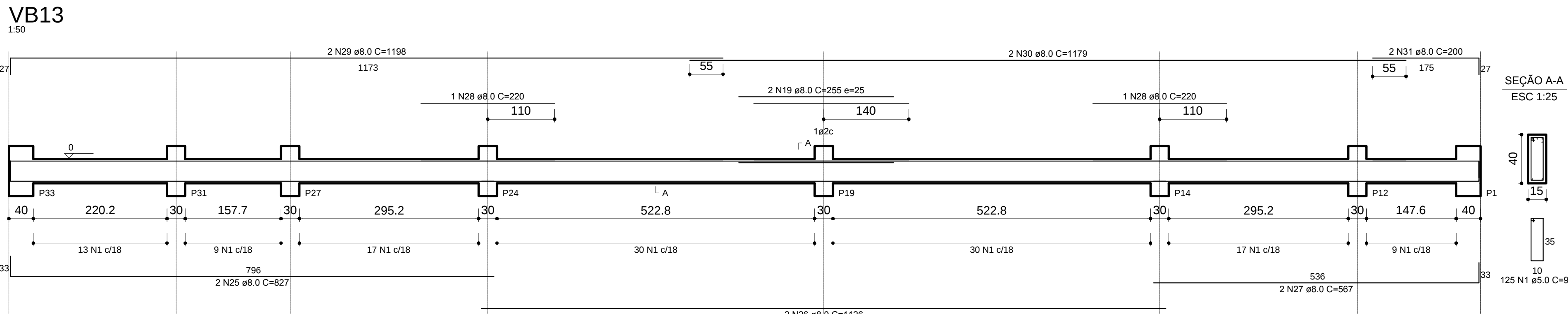
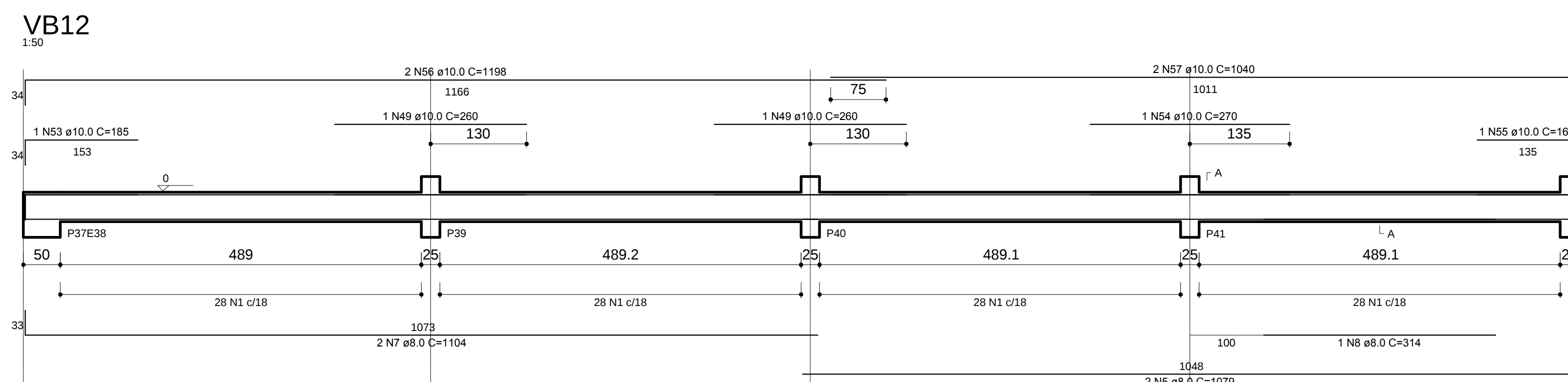
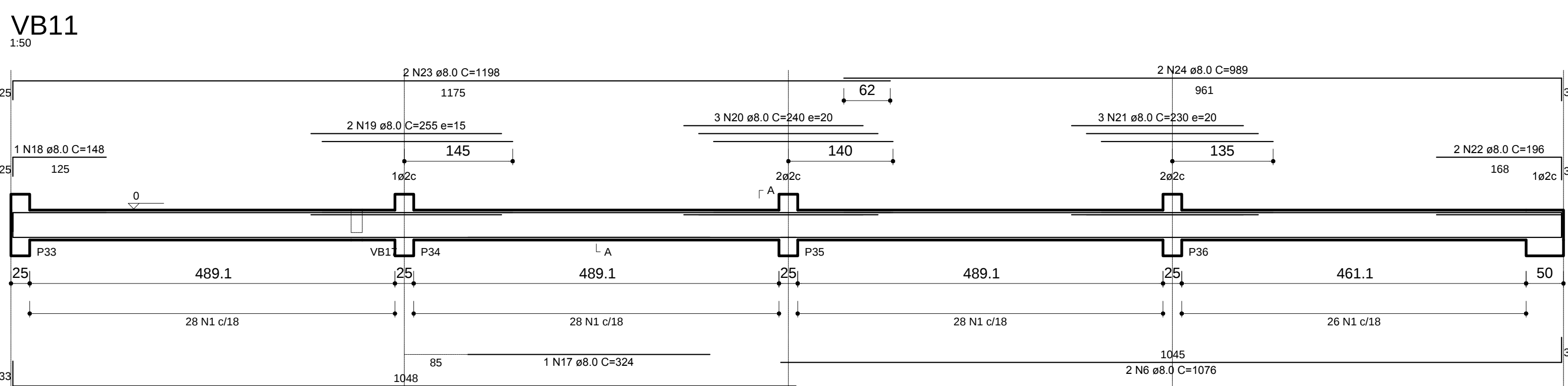
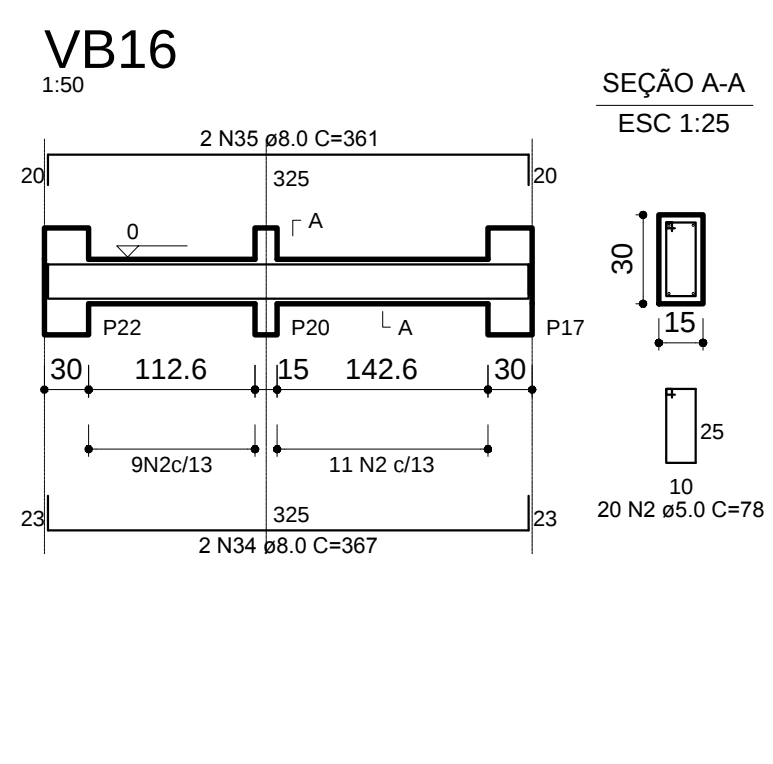
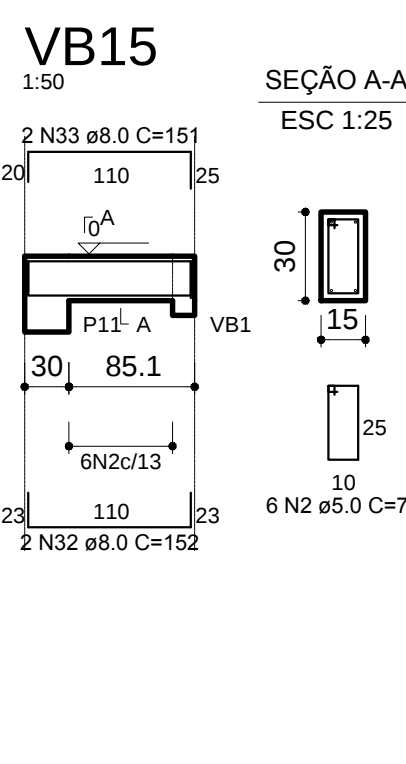
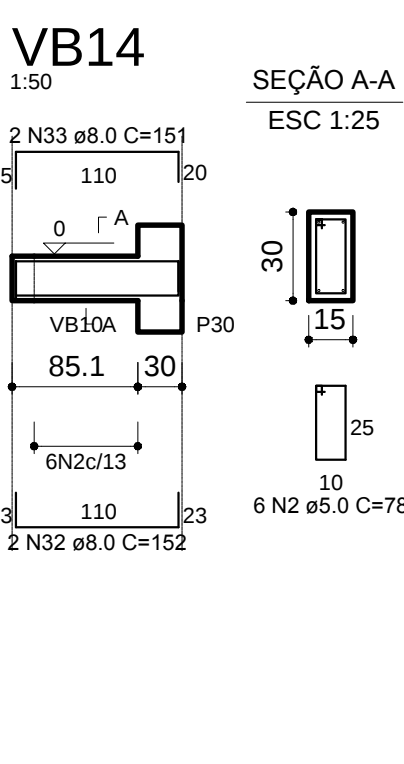
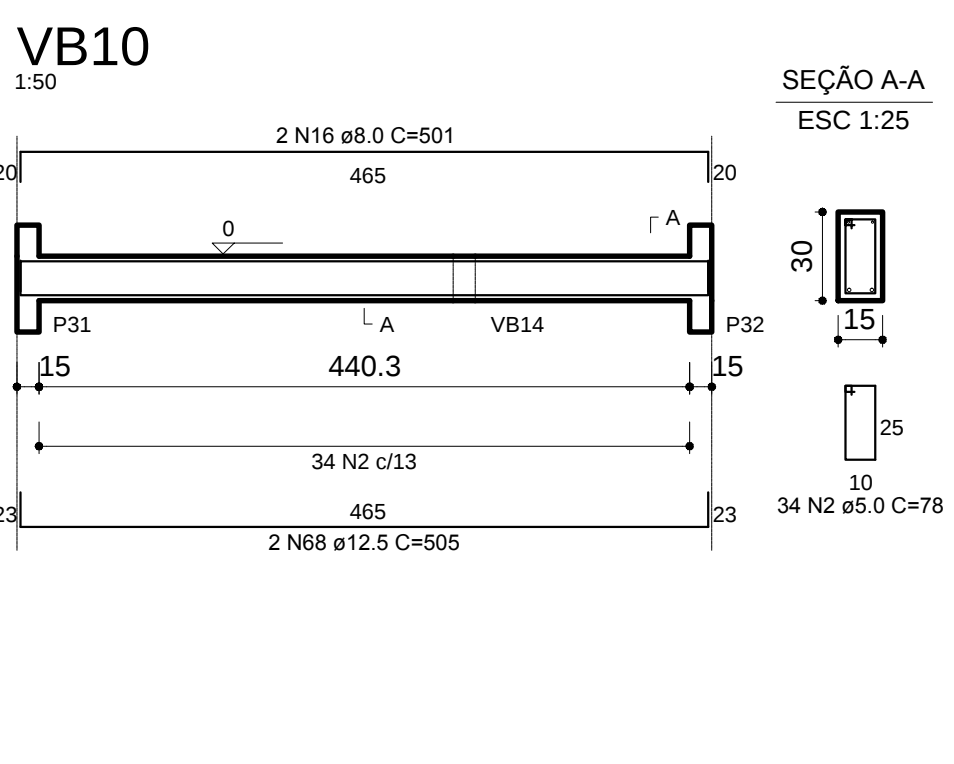
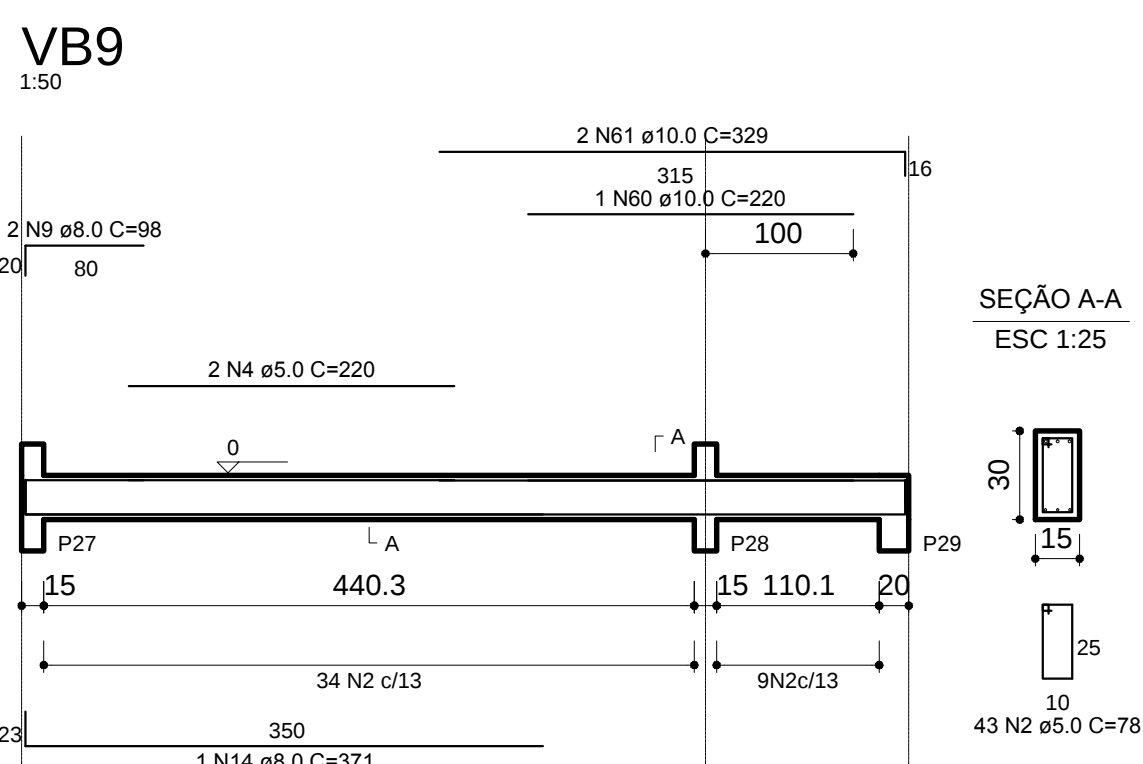
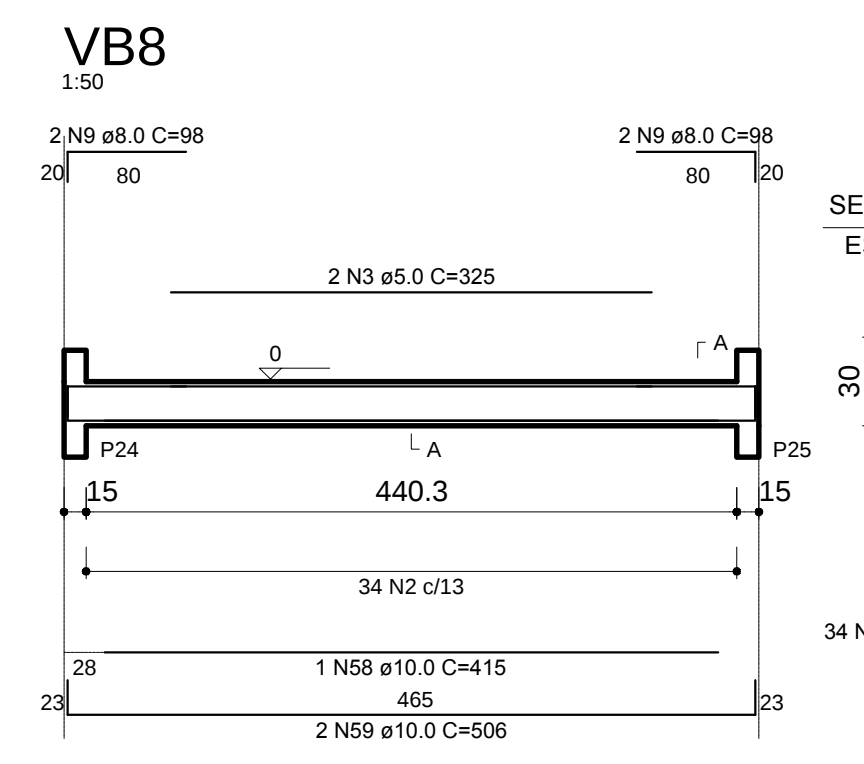
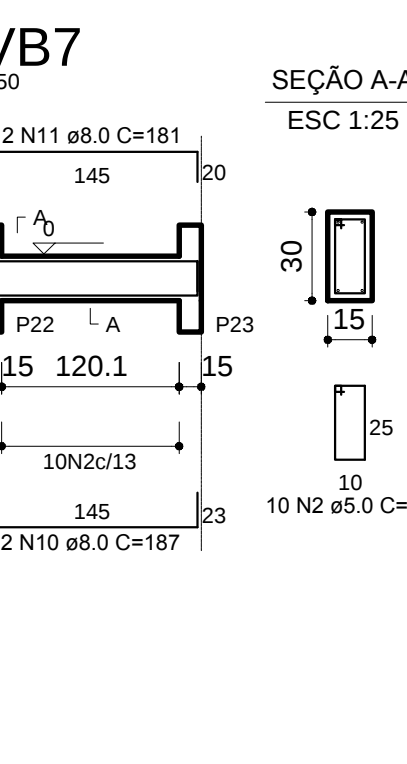
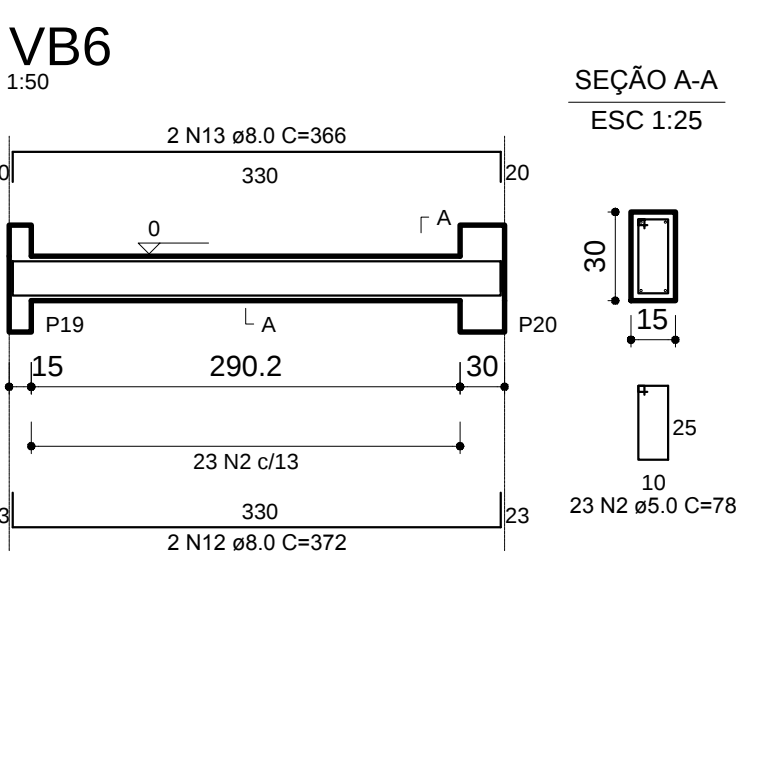
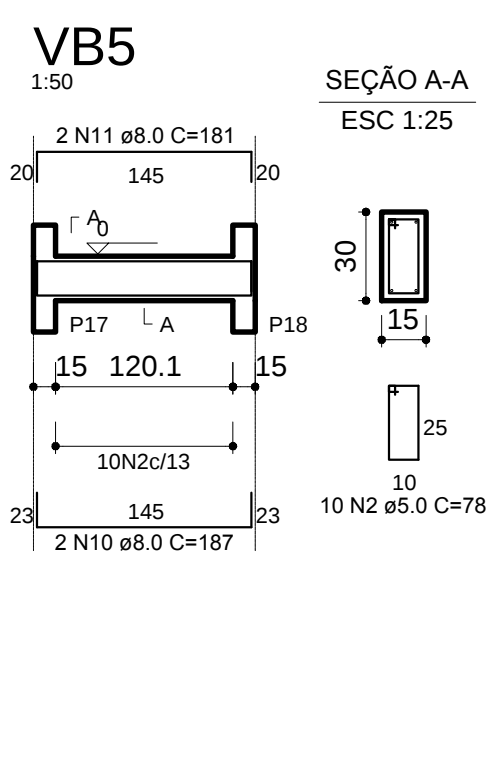
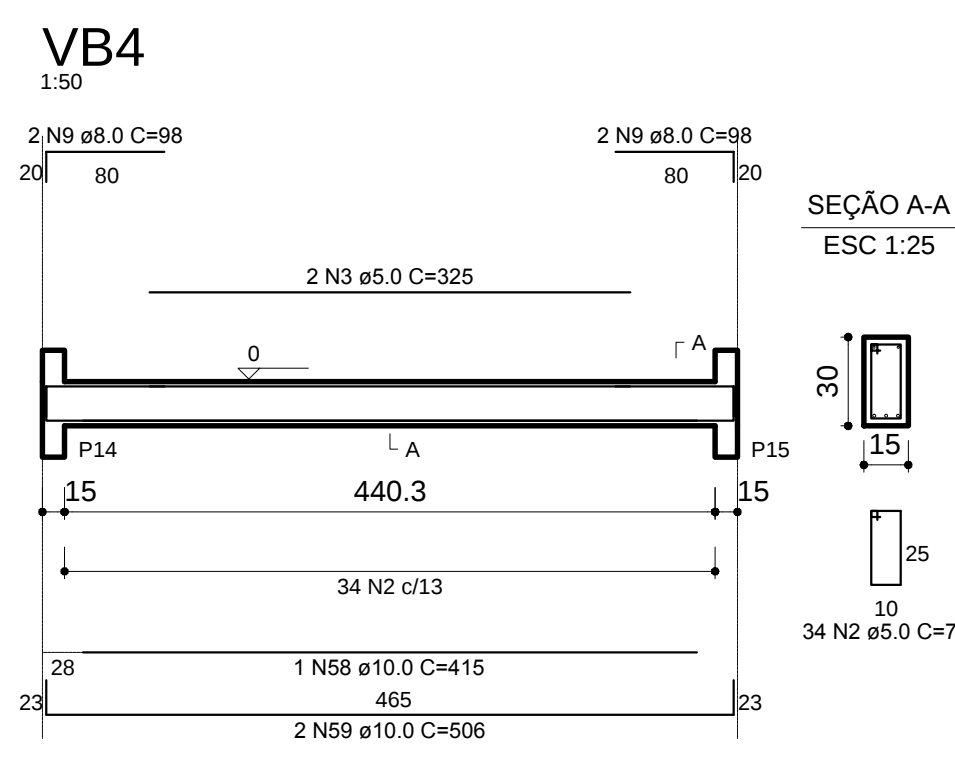
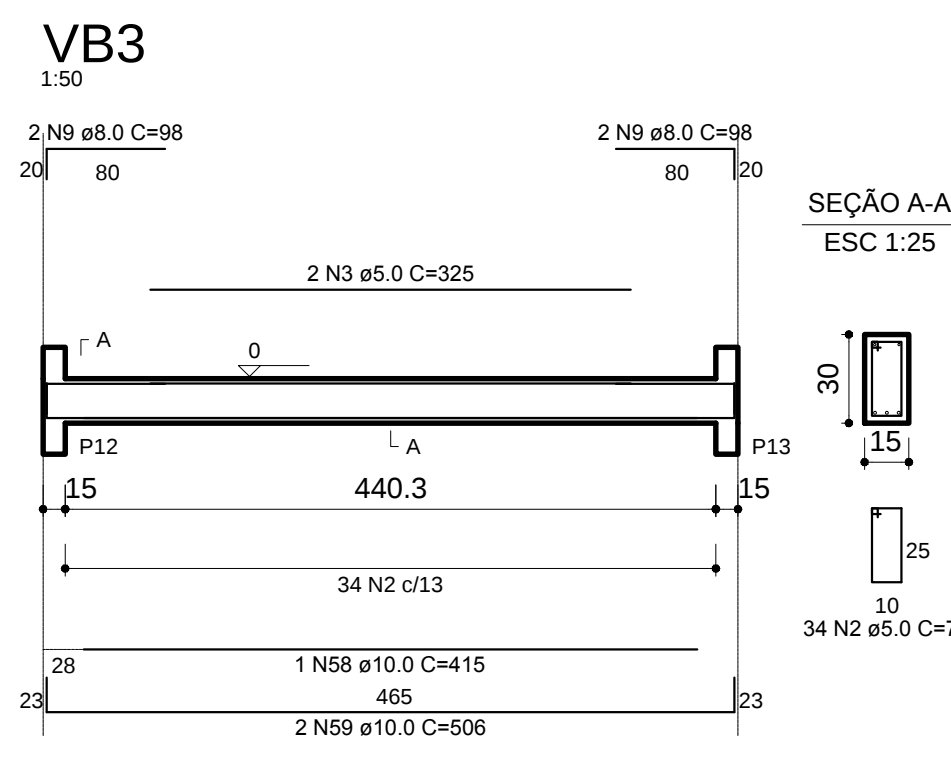
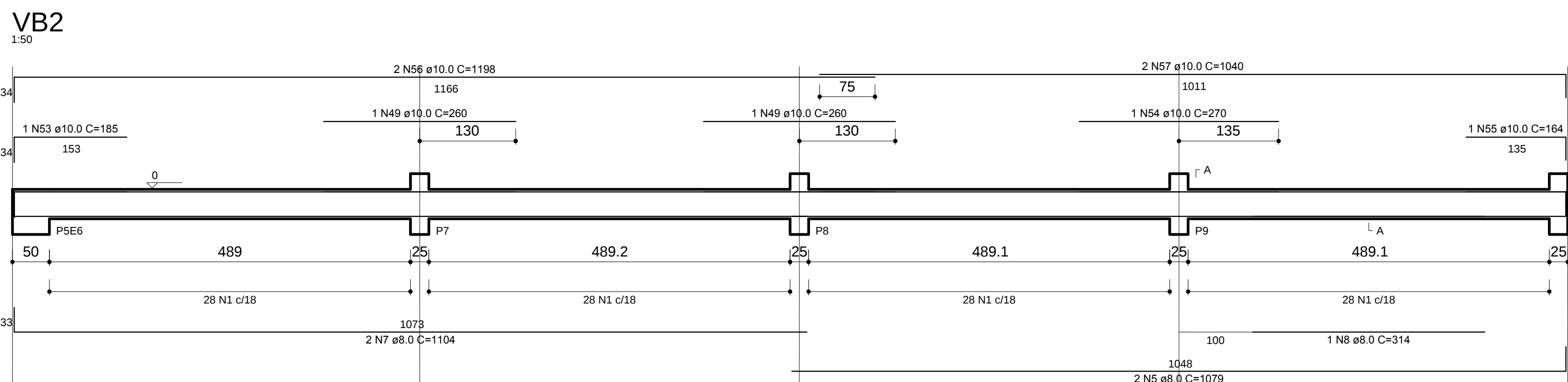
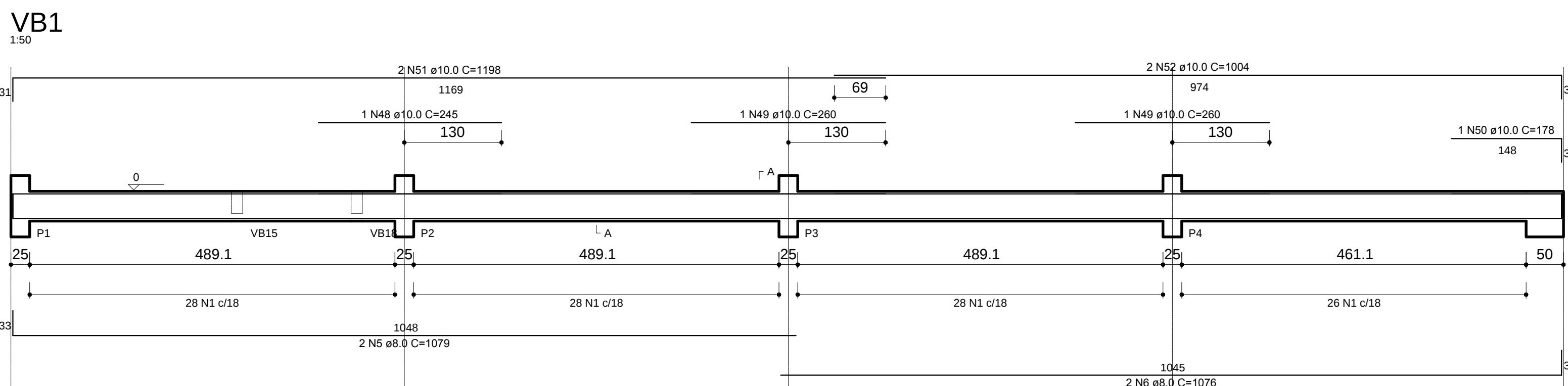




RELAÇÃO DO AÇO

AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
50	1	5.0	695	98	68110
	2	5.0	402	78	31356
	3	5.0	6	325	1950
	4	8.0	2	220	440
	5	8.0	8	1079	8632
	6	8.0	4	1076	4304
	7	8.0	4	1204	4816
	8	8.0	2	314	628
	9	8.0	4	187	748
	10	8.0	4	186	744
	11	8.0	2	372	744
	12	8.0	1	371	371
	13	8.0	2	607	1214
	14	8.0	1	501	1002
	17	8.0	1	504	504
	18	8.0	4	148	592
	19	8.0	3	240	720
	20	8.0	3	230	690
	22	8.0	2	196	392
	23	8.0	2	1198	2396
	24	8.0	2	989	1978
	25	8.0	2	807	1614
	26	8.0	2	1176	2352
	27	8.0	2	567	1134
	28	8.0	3	220	660
	29	8.0	2	1198	2396
	30	8.0	2	1319	2638
	32	8.0	4	152	608
	33	8.0	4	151	604
	34	8.0	2	967	1934
	35	8.0	2	361	722
	36	8.0	2	817	1634
	37	8.0	1	298	298
	38	8.0	2	1099	2198
	40	8.0	2	194	388
	41	8.0	2	953	1906
	42	8.0	1	200	200
	43	8.0	2	947	1894
	44	8.0	2	339	678
	45	8.0	4	648	2592
	46	8.0	2	372	744
	47	8.0	4	622	2488
	48	10.0	1	245	245
	49	10.0	6	200	1560
	50	10.0	1	178	178
	51	10.0	2	1108	2216
	52	10.0	2	1054	2108
	53	10.0	2	185	370
	54	10.0	4	170	680
	55	10.0	2	164	328
	56	10.0	4	1386	5544
	57	10.0	4	1040	4160
	58	10.0	3	415	1245
	59	10.0	6	940	3760
	60	10.0	1	220	220
	61	10.0	2	329	658
	62	10.0	4	201	804
	63	10.0	2	200	400
	64	10.0	2	280	560
	65	10.0	2	1198	2396
	66	10.0	2	1200	2400
	67	10.0	2	237	474
	68	12.5	2	505	1010

RESUMO DO AÇO

CASO	DIAM	C.TOTAL (m)	PESO=0% (kg)
5.0	1020.0	157.7	
8.0	620.7	245.3	
10.0	295.2	182.1	
12.5	10.1	9.7	
PESO TOTAL		594.8	

Vol. de concreto total = 10.54 m³
Área de forma total = 169.01 m²