

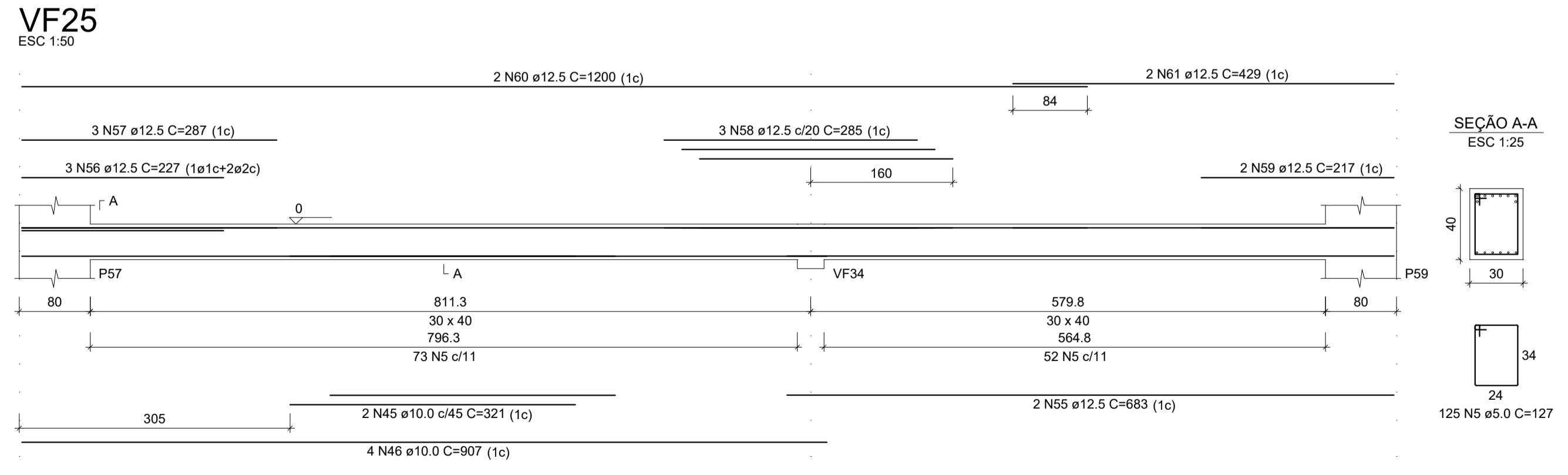
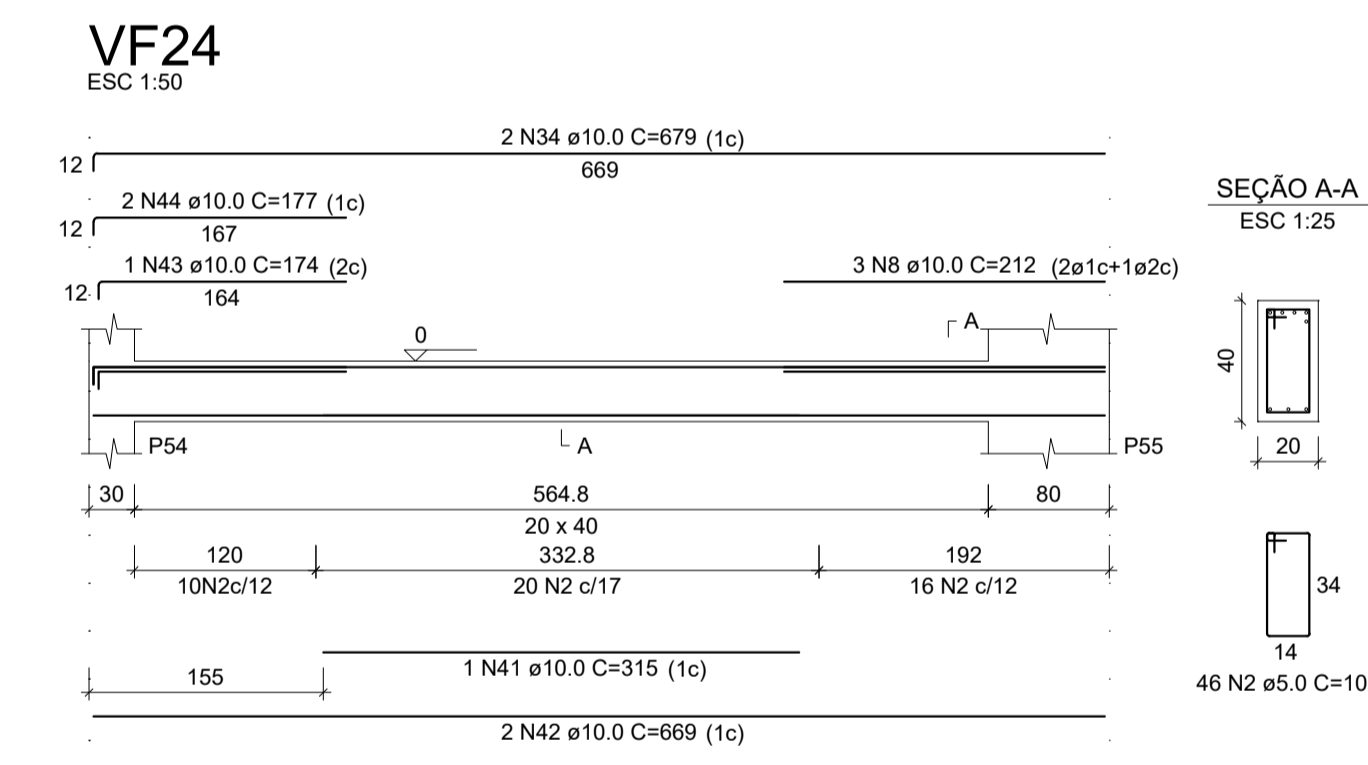
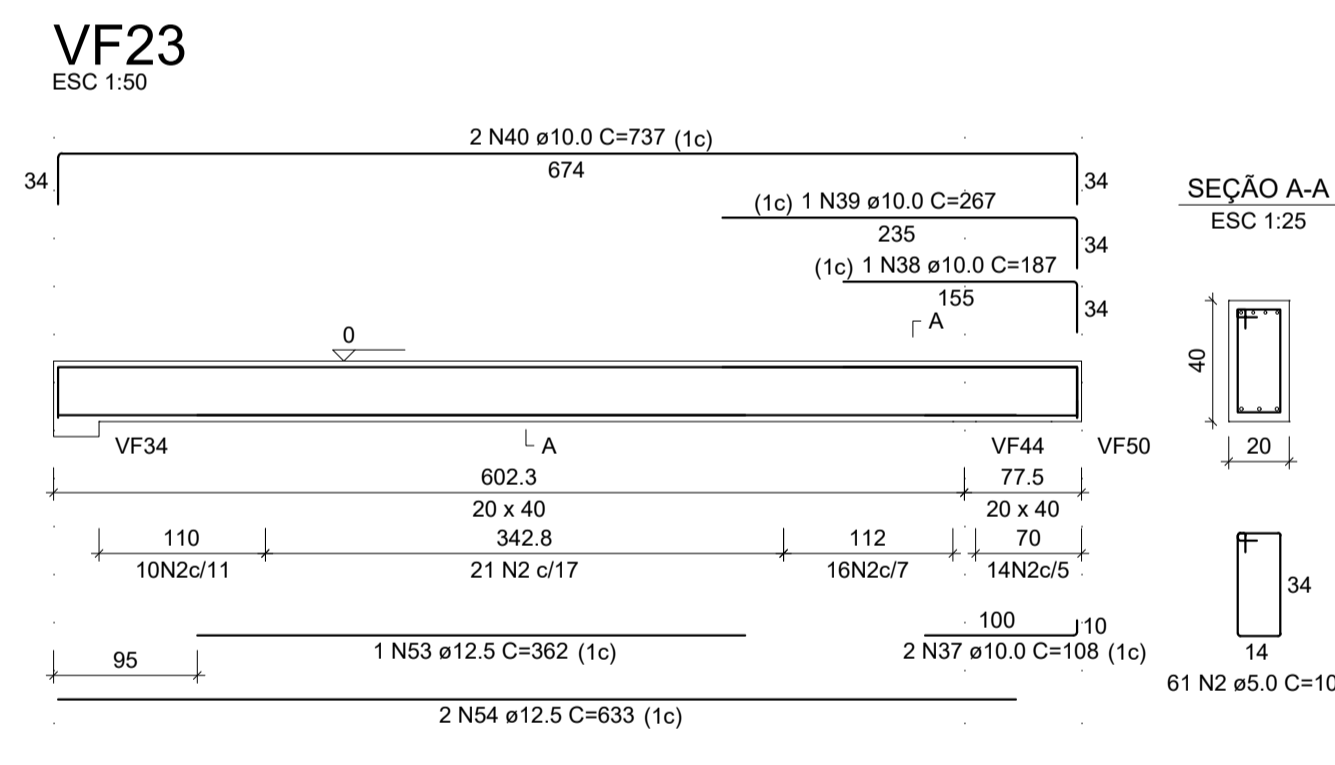
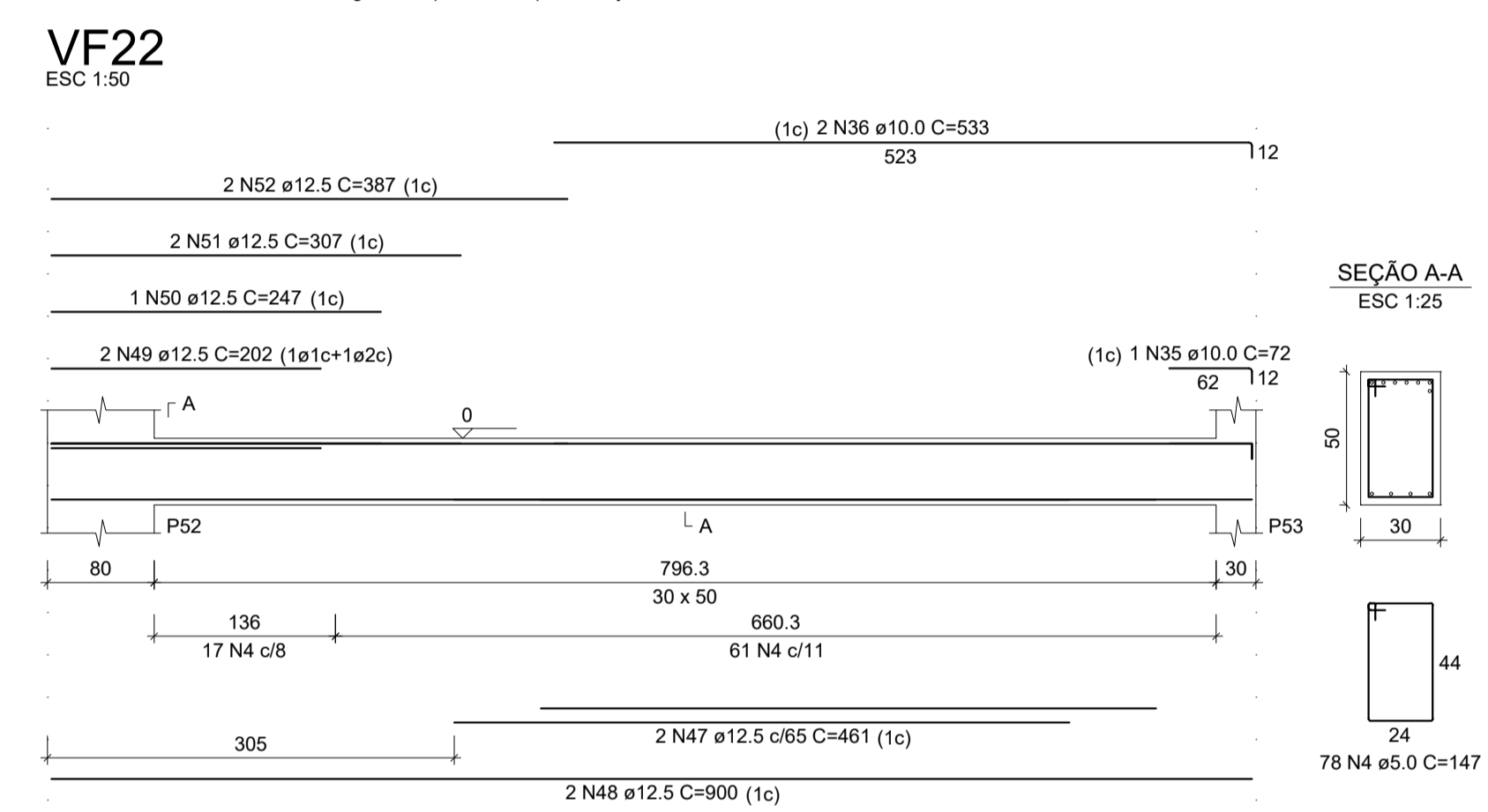
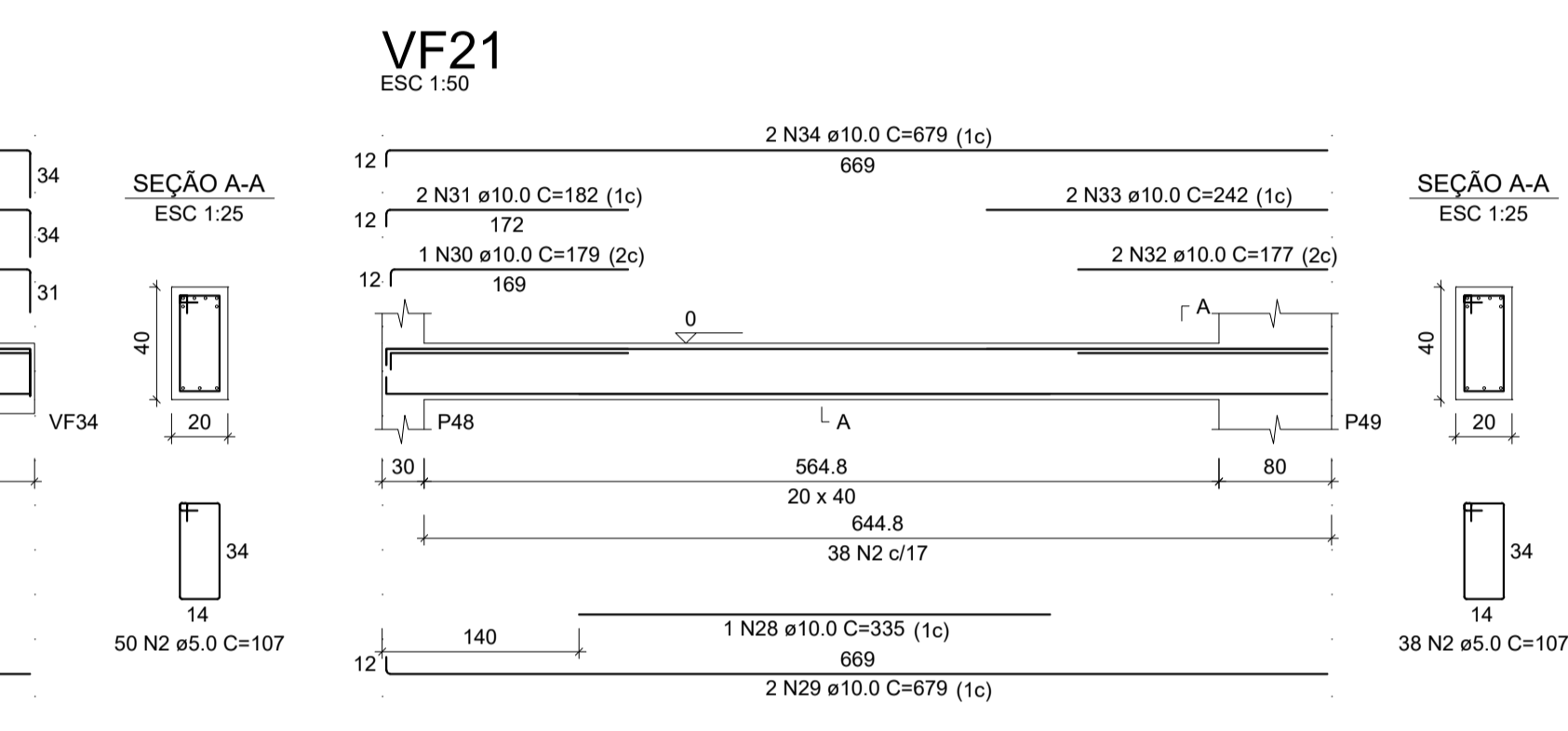
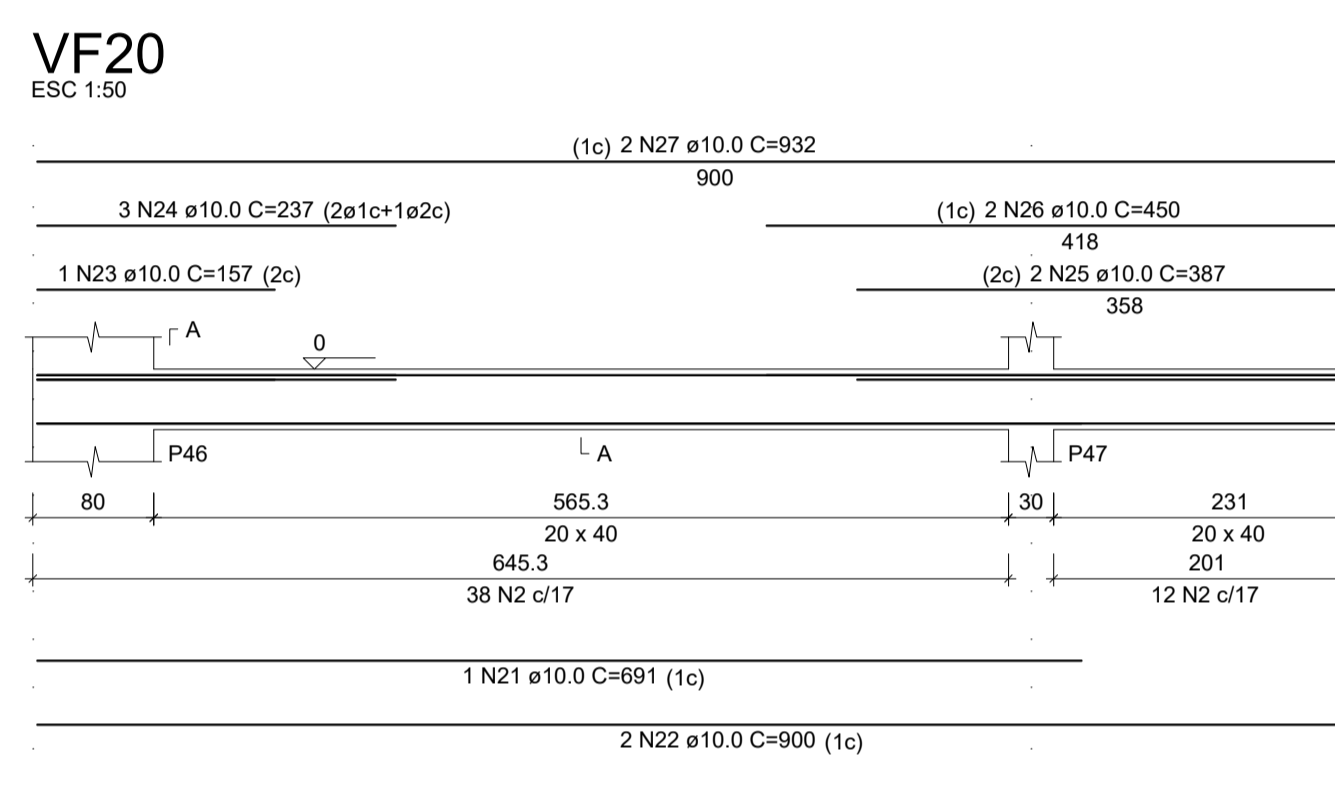
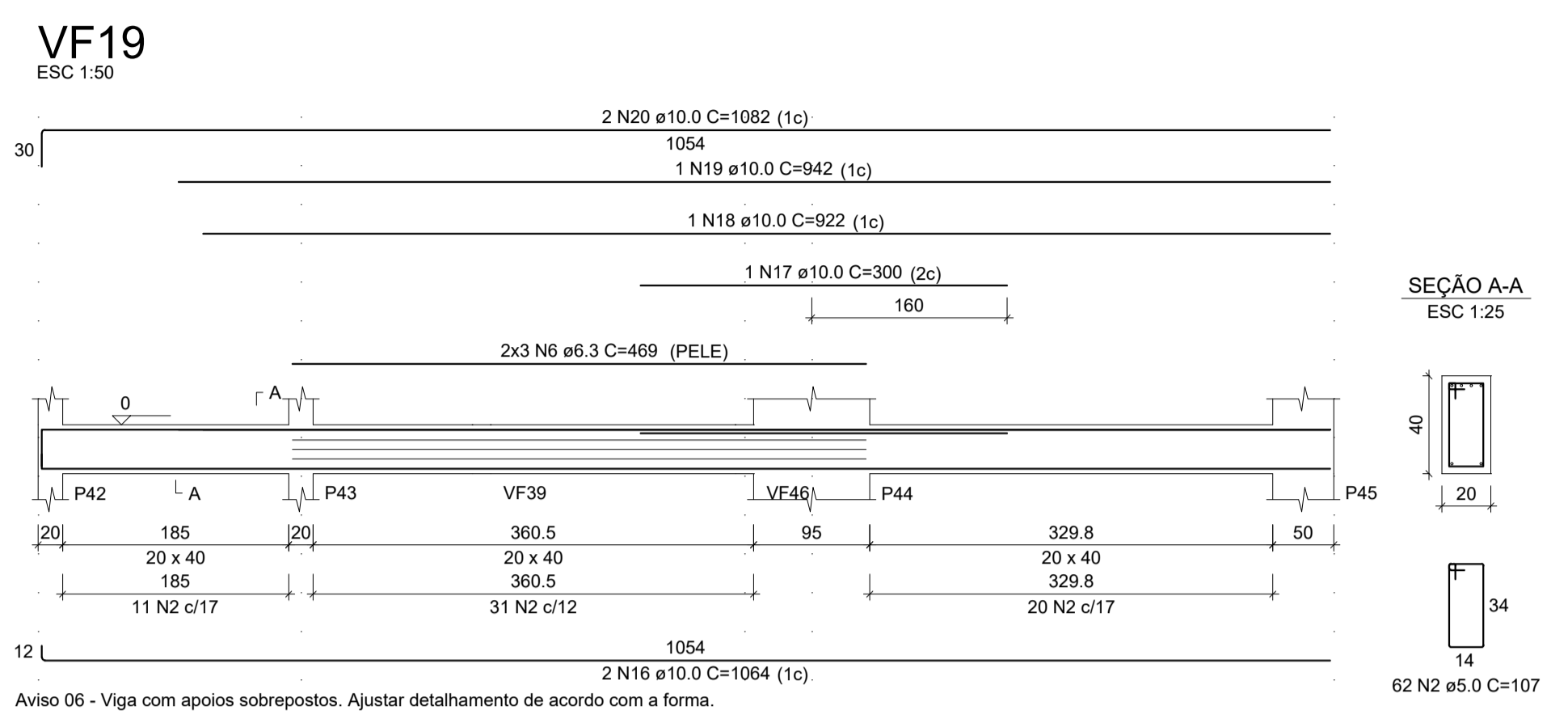
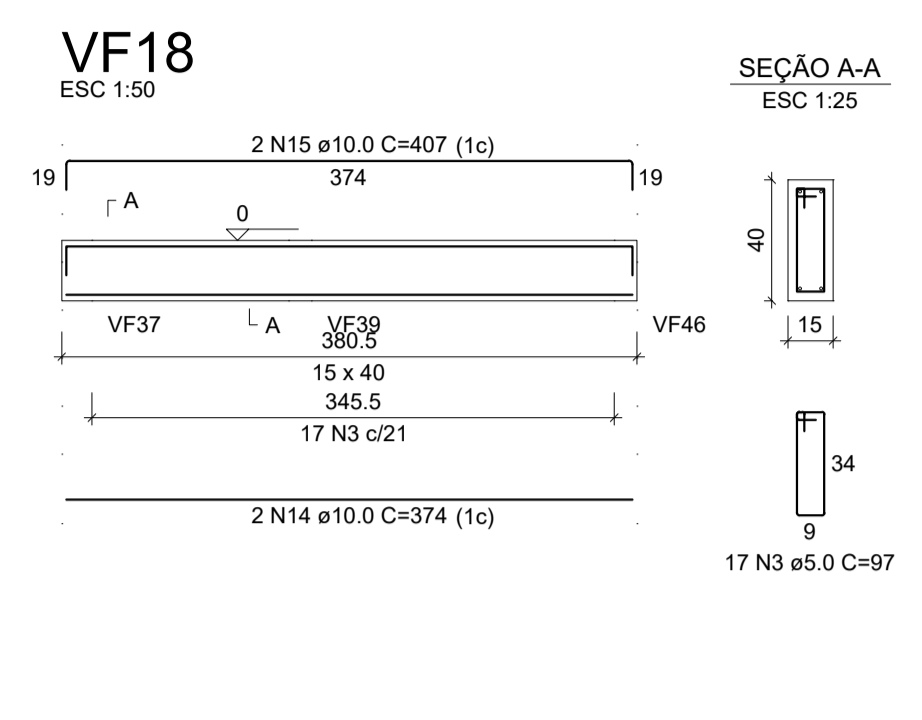
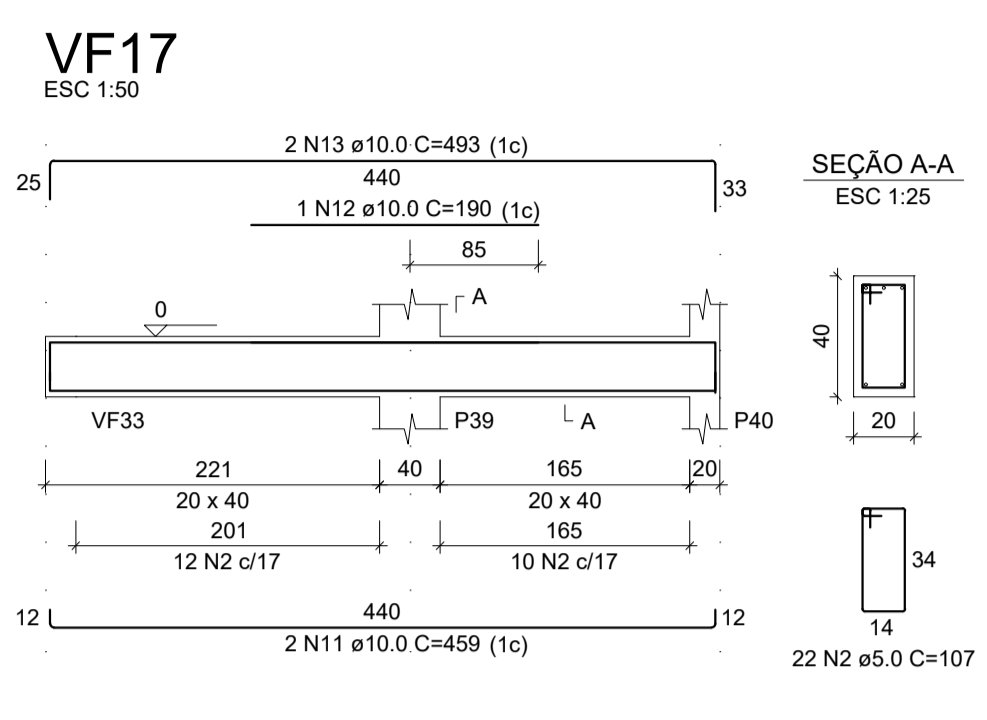
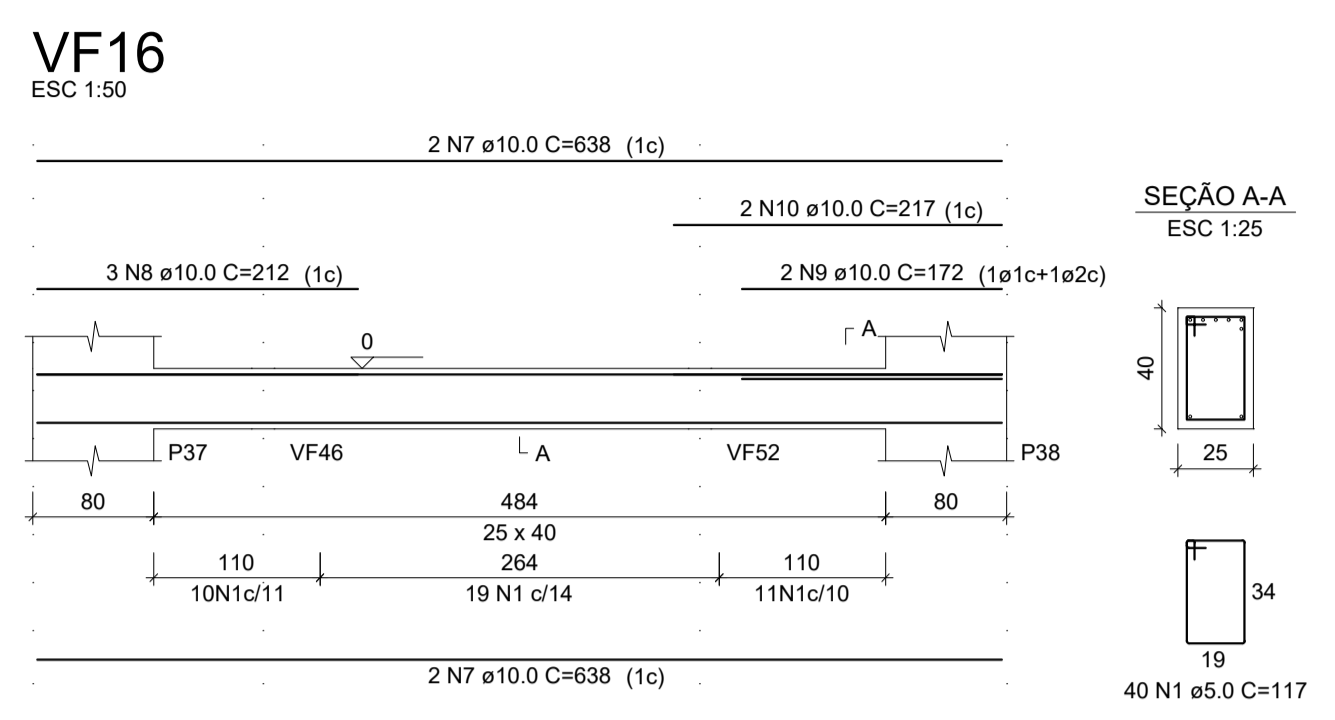
RELAÇÃO DO AÇO

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	40	117	4680
	2	5.0	279	107	29853
	3	5.0	17	97	1649
	4	5.0	78	147	11466
	5	5.0	125	127	15875
	6	6.3	6	469	2814
CA50	7	10.0	4	638	2552
	8	10.0	6	212	1272
	9	10.0	2	172	344
	10	10.0	2	217	434
	11	10.0	2	459	918
	12	10.0	2	190	380
	13	10.0	2	493	986
	14	10.0	2	374	748
	15	10.0	2	407	814
	16	10.0	2	1064	2128
	17	10.0	1	300	300
	18	10.0	1	922	922
	19	10.0	1	942	942
	20	10.0	2	1082	2164
	21	10.0	1	691	691
	22	10.0	2	900	1800
	23	10.0	1	157	157
	24	10.0	3	237	711
	25	10.0	2	387	774
	26	10.0	2	450	900
	27	10.0	2	932	1864
	28	10.0	1	335	335
	29	10.0	2	979	1958
	30	10.0	1	179	179
	31	10.0	2	182	364
	32	10.0	2	177	354
	33	10.0	2	242	484
	34	10.0	4	679	2716
	35	10.0	1	72	72
	36	10.0	2	533	1066
	37	10.0	2	108	216
	38	10.0	1	187	187
	39	10.0	1	267	267
	40	10.0	2	737	1474
	41	10.0	1	315	315
	42	10.0	2	669	1338
	43	10.0	1	174	174
	44	10.0	2	177	354
	45	10.0	2	321	642
	46	10.0	4	907	3628
	47	12.5	2	461	922
	48	12.5	2	900	1800
	49	12.5	2	202	404
	50	12.5	1	247	247
	51	12.5	2	307	614
	52	12.5	2	387	774
	53	12.5	1	362	362
	54	12.5	2	633	1266
	55	12.5	2	683	1366
	56	12.5	3	227	681
	57	12.5	3	287	861
	58	12.5	3	285	855
	59	12.5	2	217	434
	60	12.5	2	1200	2400
	61	12.5	2	429	858

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	28.1	7.6
	10.0	371.3	251.8
	12.5	138.4	145.7
CA60	5.0	635.2	107.7
PESO TOTAL (kg)			
CA50		406.1	
CA60		107.7	

Volume de concreto (C-30) = 6.62 m³
Área de forma = 72.25 m²





CONSTRUTORA STONE
Tudo pelo gol do cliente!

CONSTRUTORA STONE CNPJ: 20.041.063/0001-17

OBRA: NÚCLEO INFANTIL CANTINHO DO CÉU		ÁREA EXISTENTE: 0,00 m²	ÁREA A CONSTRUIR: 1.199,17 m²
LOCAL: BOM JESUS DO AMPARO - MG		EQUIPE TÉCNICA: Claudionor Rodrigues Eng. Civil - CREA - MG 180.429/0-5 Arquitecto A. de S. Moraes Eng. Civil - CREA - MG 180.429/0-5	
PROPRIETÁRIO: PREFEITURA MUNICIPAL DE BOM JESUS DO AMPARO-MG CNPJ: 18.317.693/0001-06		RESP. TÉCNICO - ENGENHEIRO CIVIL: CLAUDIONOR RODRIGUES (STONE) CREA -MG 347/119	
CONTEÚDO: VIGAS DE FUNDAÇÃO		PROJETO: PROJETO ESTRUTURAL	
ESCALA: INDICADA	DESENHISTA: STONE	DATA: FEV/2023	FOLHA: 29/ 66

DIREITOS AUTORAIS RESERVADOS. PROIBIDA A REPRODUÇÃO TOTAL OU PARCIAL.