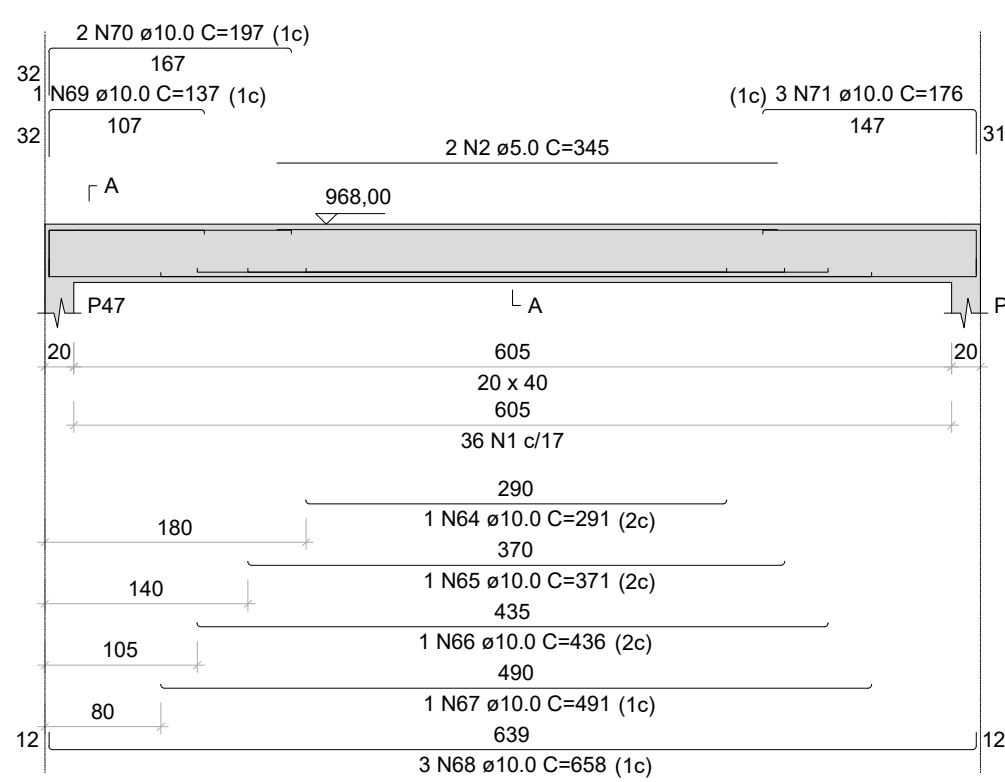


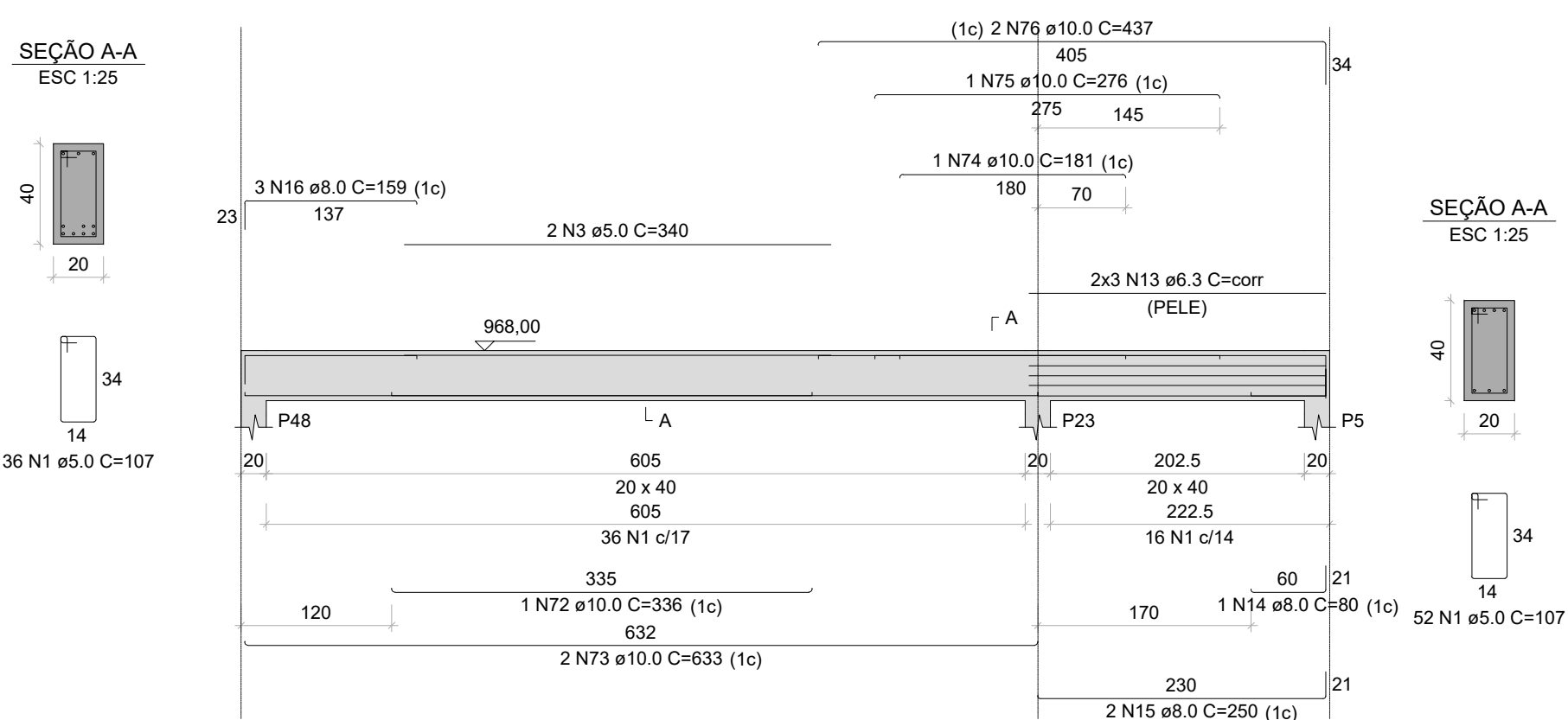
V50

ESC 1:50



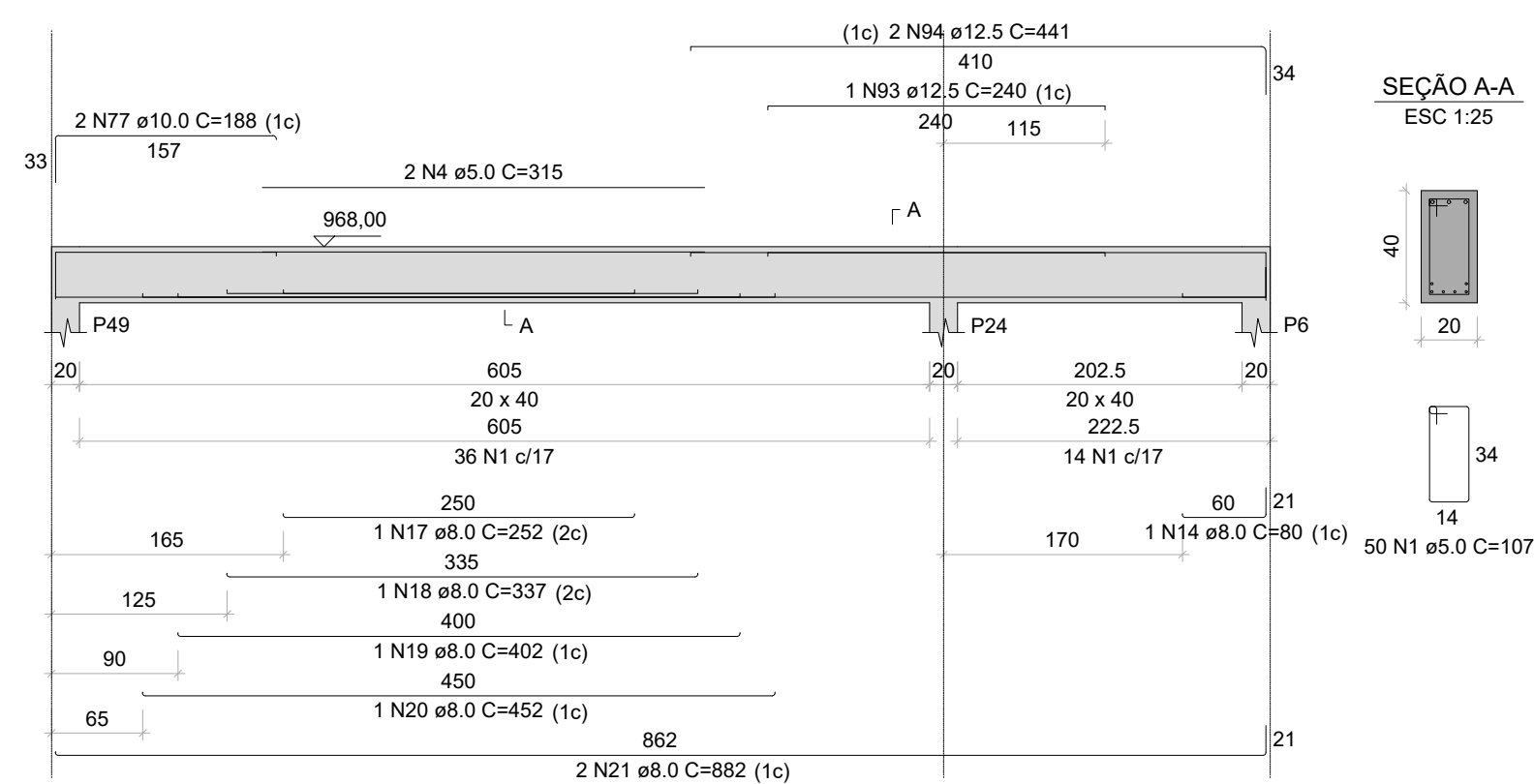
V51

ESC 1:50



V52

ESC 1:50



RELAÇÃO DO AÇO

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	617	107	66019
	2	5.0	2	345	690
	3	5.0	2	340	680
	4	5.0	2	315	630
	5	5.0	2	170	340
	6	5.0	6	175	1050
	7	5.0	2	245	490
	8	5.0	2	205	410
	9	5.0	4	230	920
	10	5.0	2	208	416
	11	5.0	4	210	840
	12	5.0	2	168	336
CA50	13	6.3	6	corr	1422
	14	8.0	2	80	160
	15	8.0	2	250	500
	16	8.0	3	159	477
	17	8.0	1	252	252
	18	8.0	1	337	337
	19	8.0	1	402	402
	20	8.0	1	452	452
	21	8.0	2	882	1764
	22	8.0	3	435	1305
	23	8.0	3	151	453
	24	8.0	1	167	167
	25	8.0	3	232	696
	26	8.0	1	578	578
	27	8.0	2	615	1236
	28	8.0	2	312	624
	29	8.0	2	201	402
	30	8.0	4	648	2592
	31	8.0	3	137	411
	32	8.0	1	237	237
	33	8.0	3	137	411
	34	8.0	2	130	260
	35	8.0	1	227	227
	36	8.0	1	287	287
	37	8.0	1	110	110
	38	8.0	2	1124	2248
	39	8.0	1	147	147
	40	8.0	1	383	383
	41	8.0	2	423	846
	42	8.0	1	90	90
	43	8.0	2	230	460
	44	8.0	1	257	257
	45	8.0	2	622	1244
	46	8.0	3	154	462
	47	8.0	3	508	1524
	48	8.0	3	92	276
	49	8.0	4	152	608
	50	8.0	1	349	349
	51	8.0	5	486	2430
	52	8.0	1	118	118
	53	8.0	1	300	300
	54	8.0	2	516	1032
	55	8.0	6	132	792
	56	8.0	1	235	235
	57	8.0	4	479	1916
	58	8.0	1	192	192
	59	8.0	4	501	2004
	60	8.0	1	185	185
	61	8.0	2	172	344
	62	8.0	1	222	222
	63	8.0	1	307	307
	64	10.0	1	291	291
	65	10.0	1	371	371
	66	10.0	1	436	436
	67	10.0	1	491	491
	68	10.0	3	658	1974
	69	10.0	1	137	137
	70	10.0	2	197	394
	71	10.0	3	176	528
	72	10.0	1	336	336
	73	10.0	2	633	1266
	74	10.0	1	181	181
	75	10.0	1	276	276
	76	10.0	2	437	874
	77	10.0	4	188	752
	78	10.0	1	281	281
	79	10.0	2	448	896
	80	10.0	1	186	186
	81	10.0	4	390	1560
	82	10.0	1	221	221
	83	10.0	2	317	634
	84	10.0	2	524	1048
	85	10.0	2	500	1000
	86	10.0	1	142	142
	87	10.0	2	207	414
	88	10.0	2	208	416
	89	10.0	2	208	416
	90	10.0	2	167	334
	91	10.0	1	142	142
	92	10.0	2	202	404
	93	12.5	1	240	240
	94	12.5	2	441	882
	95	12.5	2	577	1154
	96	12.5	1	345	345
	97	12.5	2	635	1270
	98	12.5	2	265	530
	99	12.5	2	461	922
	100	12.5	2	214	428
	101	16.0	2	236	472

RESUMO DO AÇO

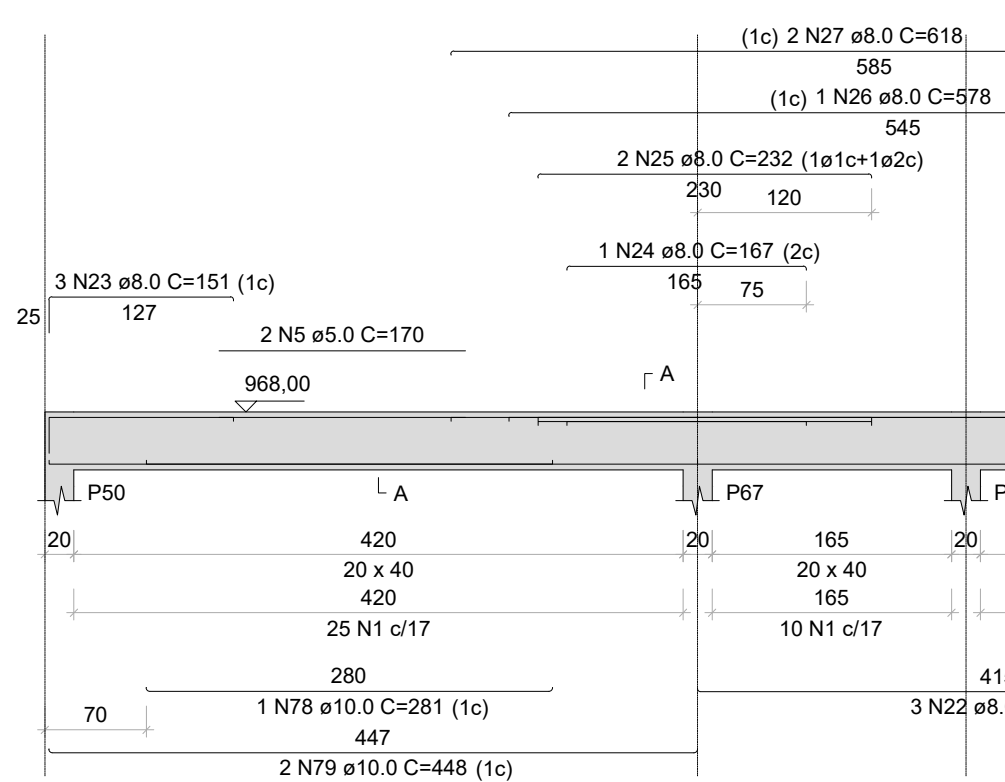
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	14.2	3.8
	8.0	333.1	144.6
	10.0	164	111.2
	12.5	57.7	61.2
	16.0	4.7	8.2
	5.0	728.2	123.5

PESO TOTAL (kg)	329
CA50	123.5
CA60	123.5

Volume de concreto fck 3,0kN/cm² (C=30) = 8.10 m³
Área de forma = 74.66 m²

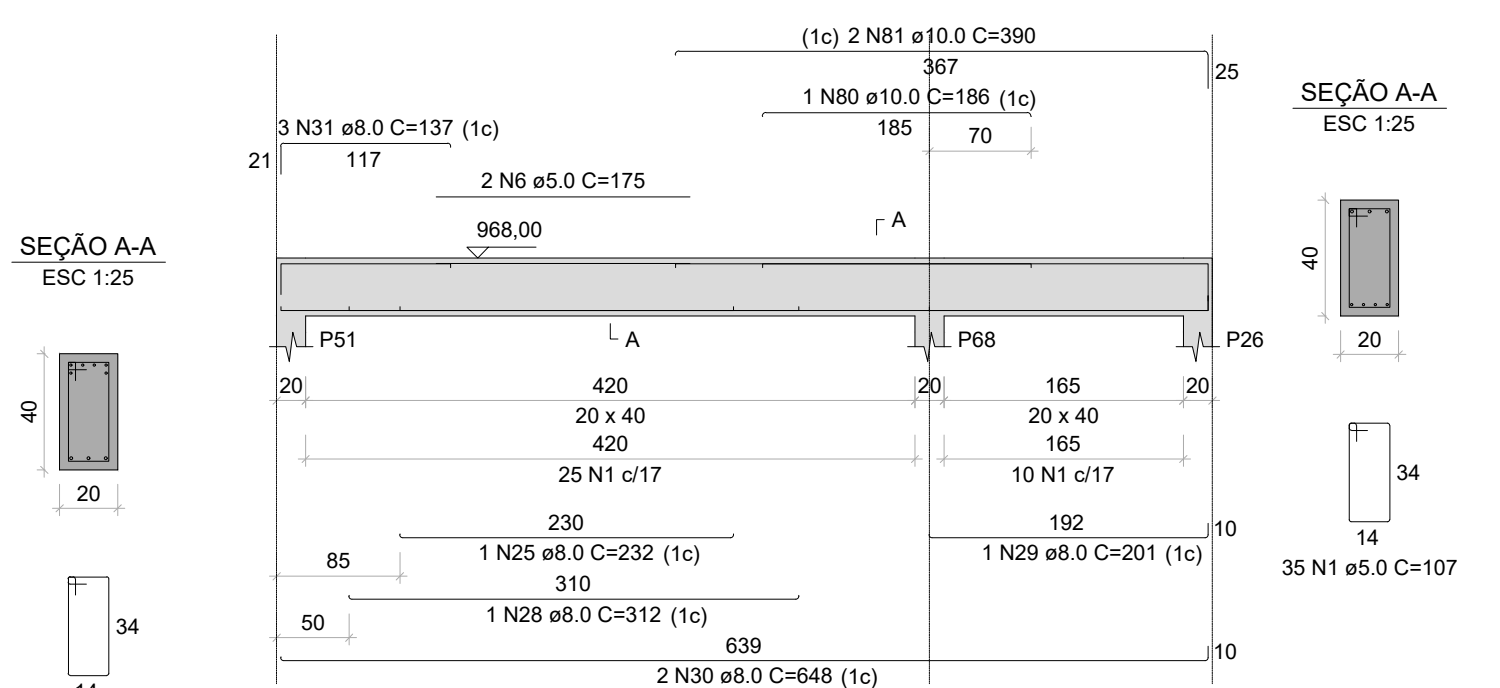
V53

ESC 1:50



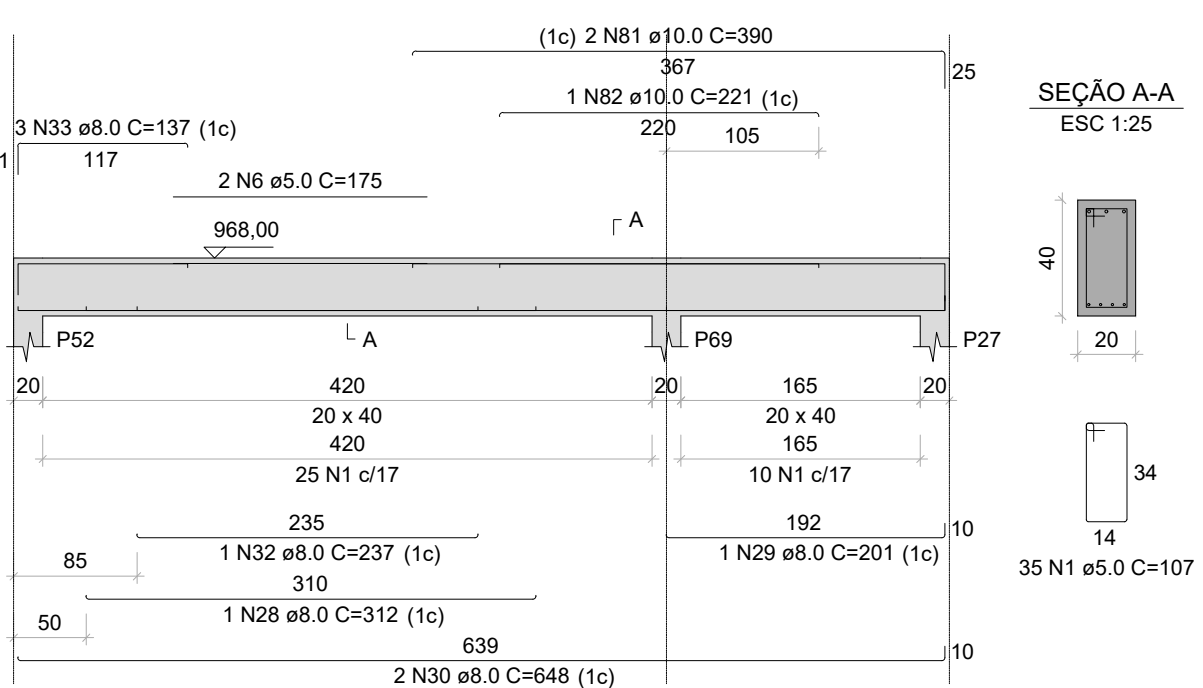
V54

ESC 1:50



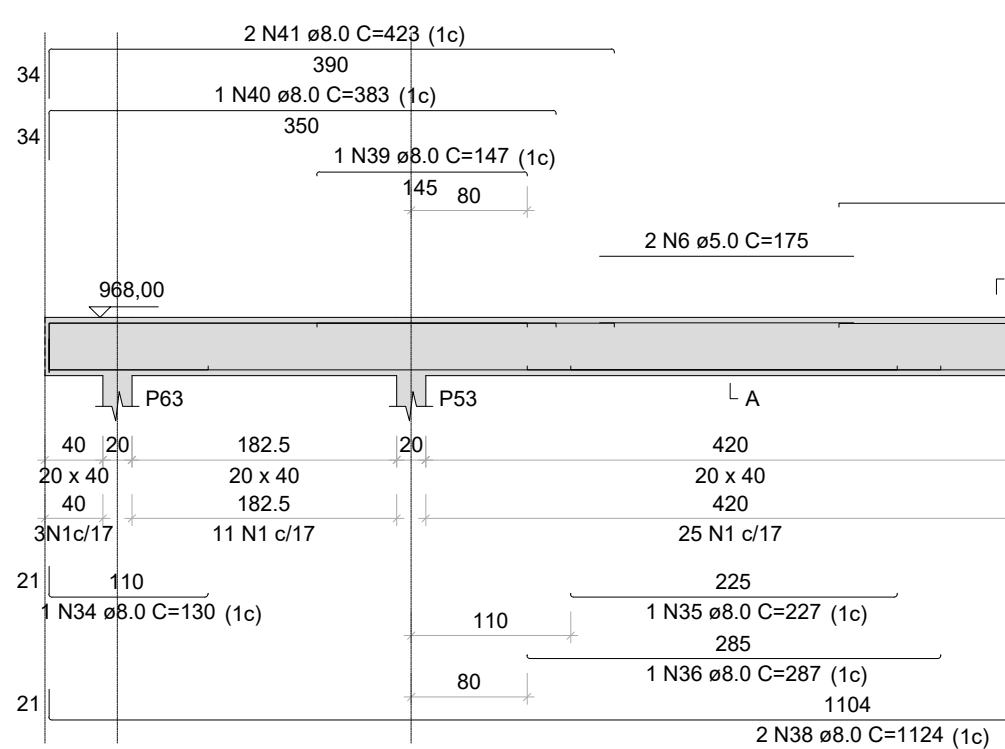
V55

ESC 1:50



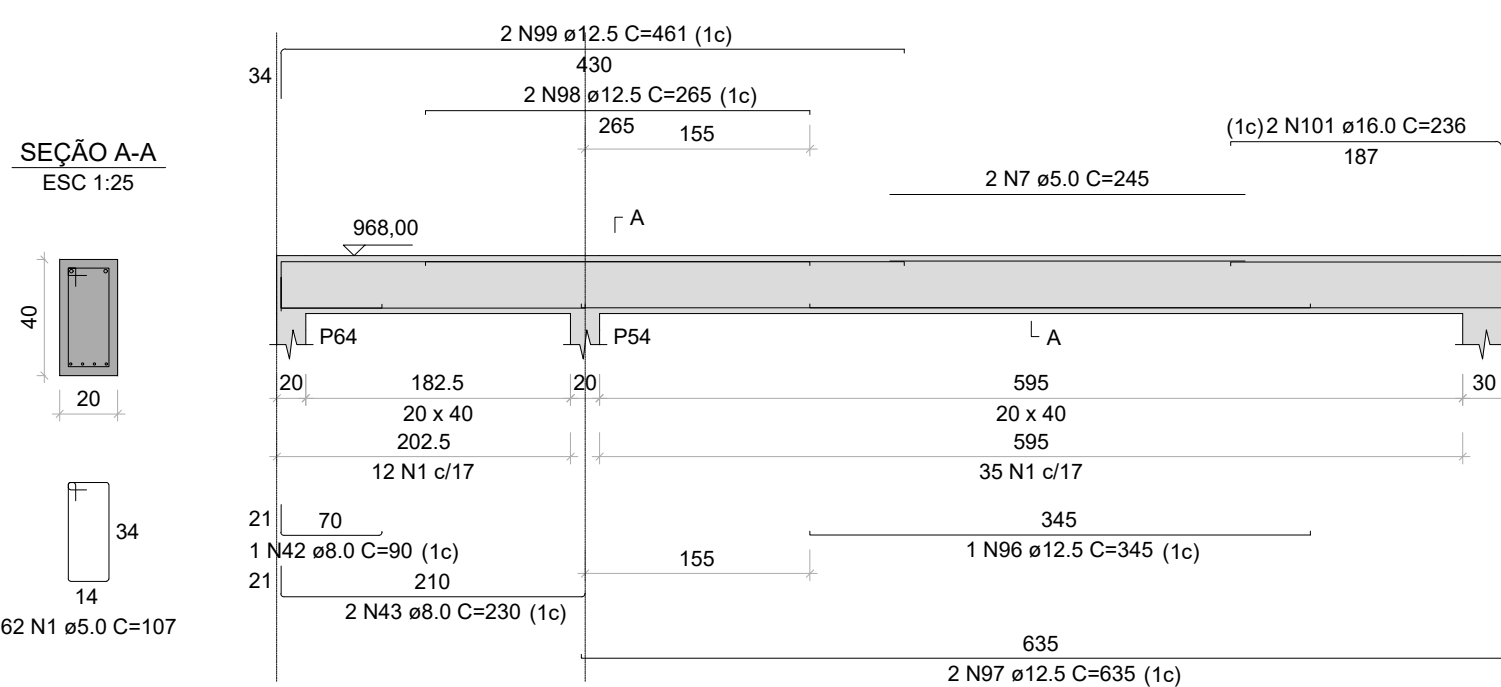
V56

ESC 1:50



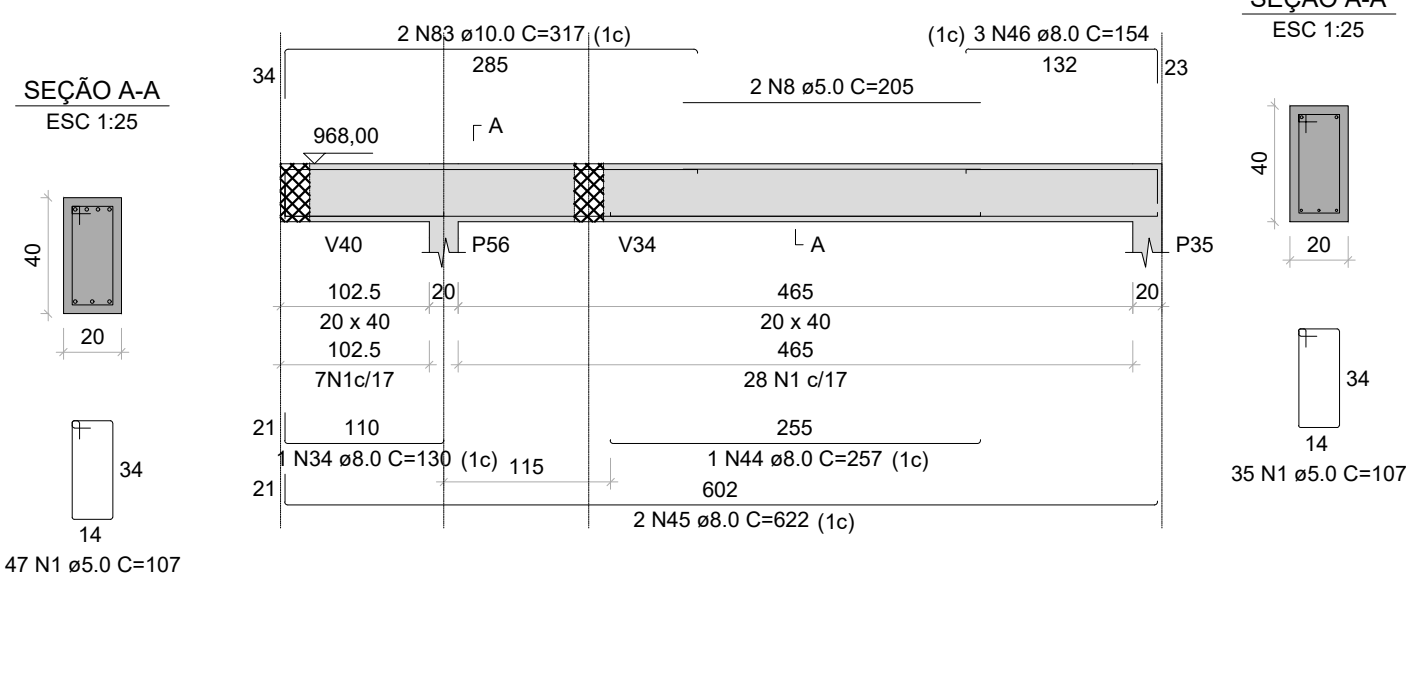
V57

ESC 1:50



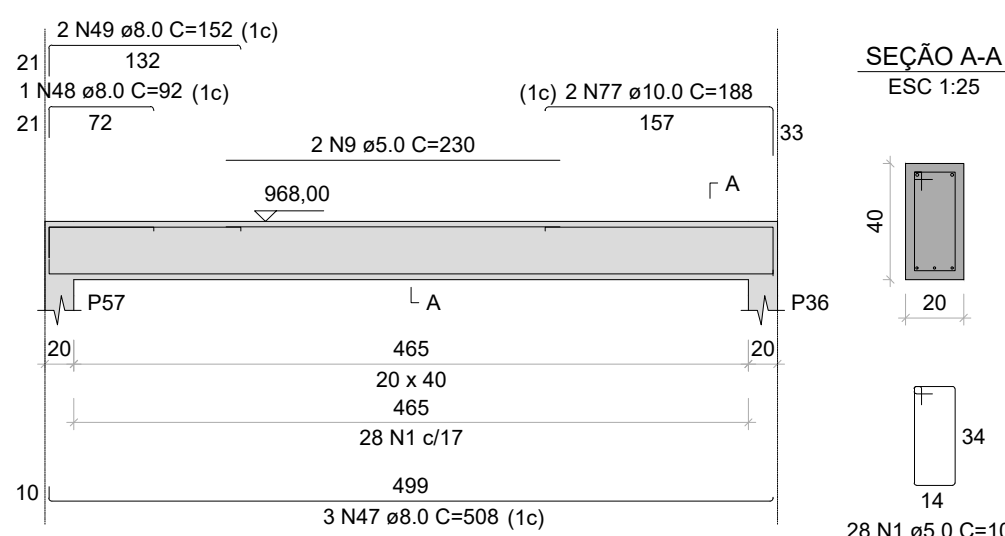
V58

ESC 1:50



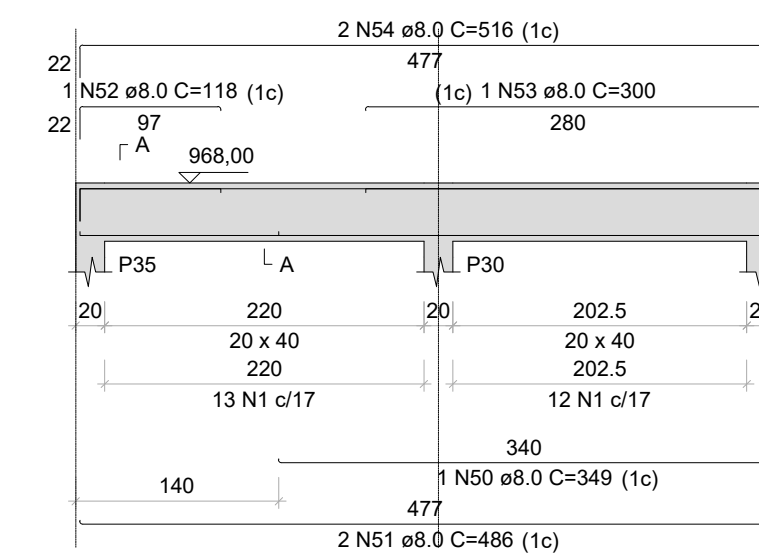
V59

ESC 1:50



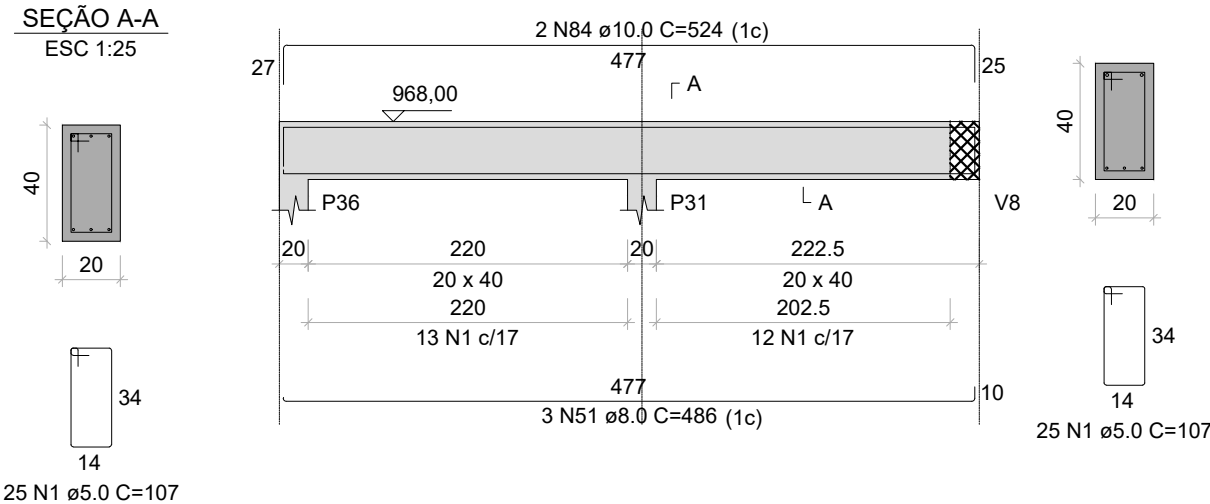
V60

ESC 1:50



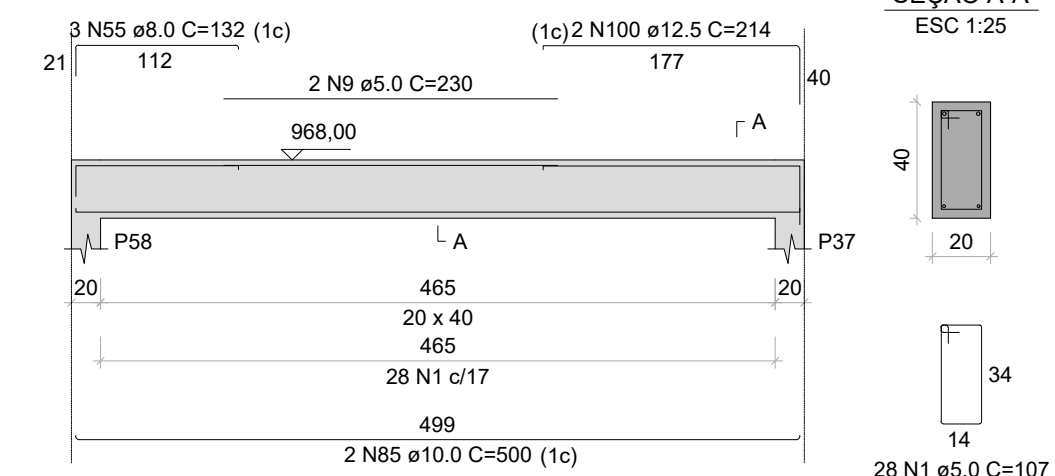
V61

ESC 1:50



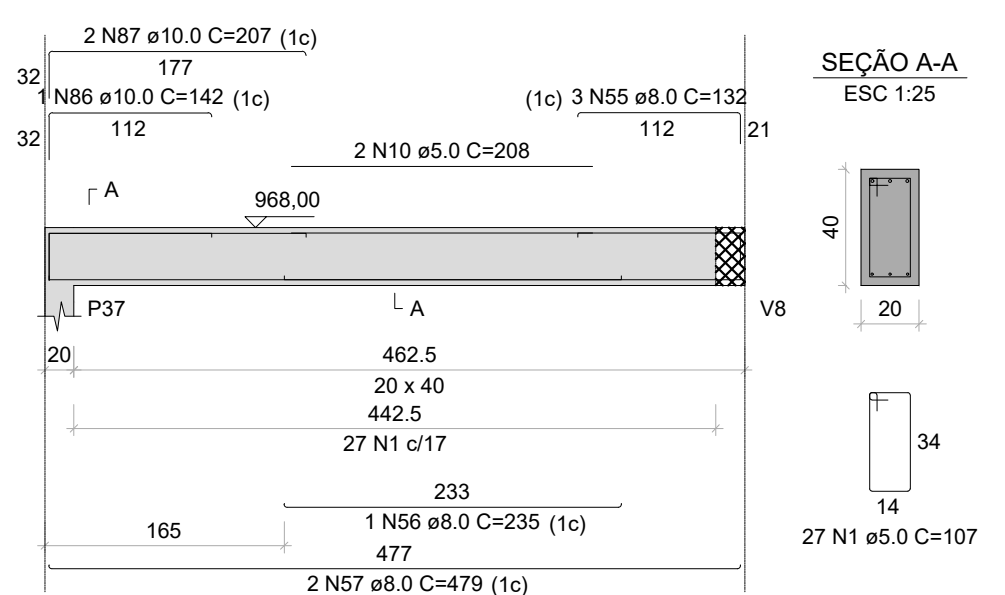
V62

ESC 1:50



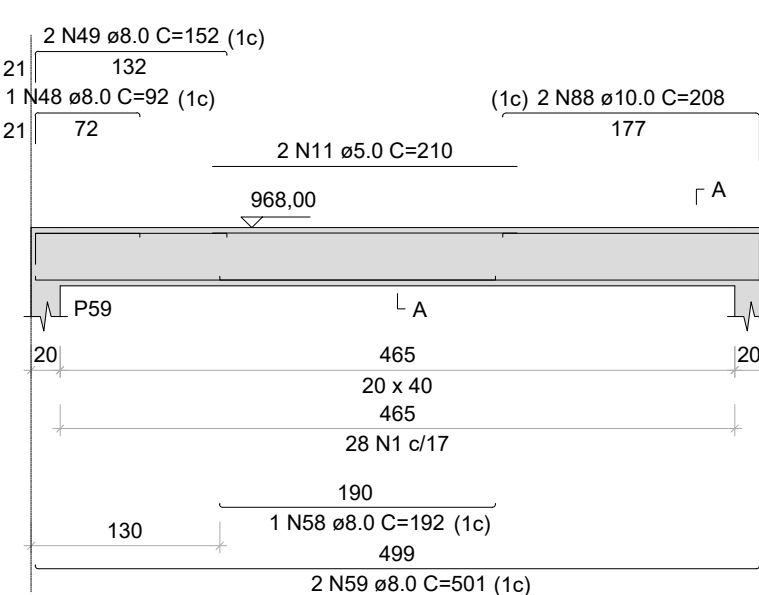
V63

ESC 1:50



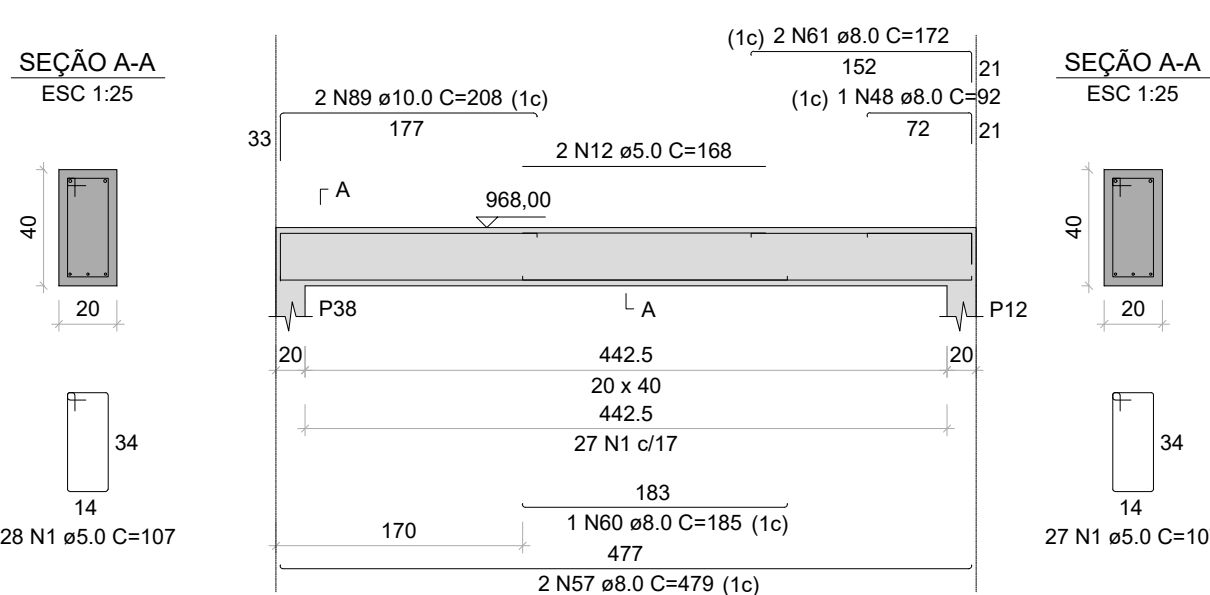
V64

ESC 1:50



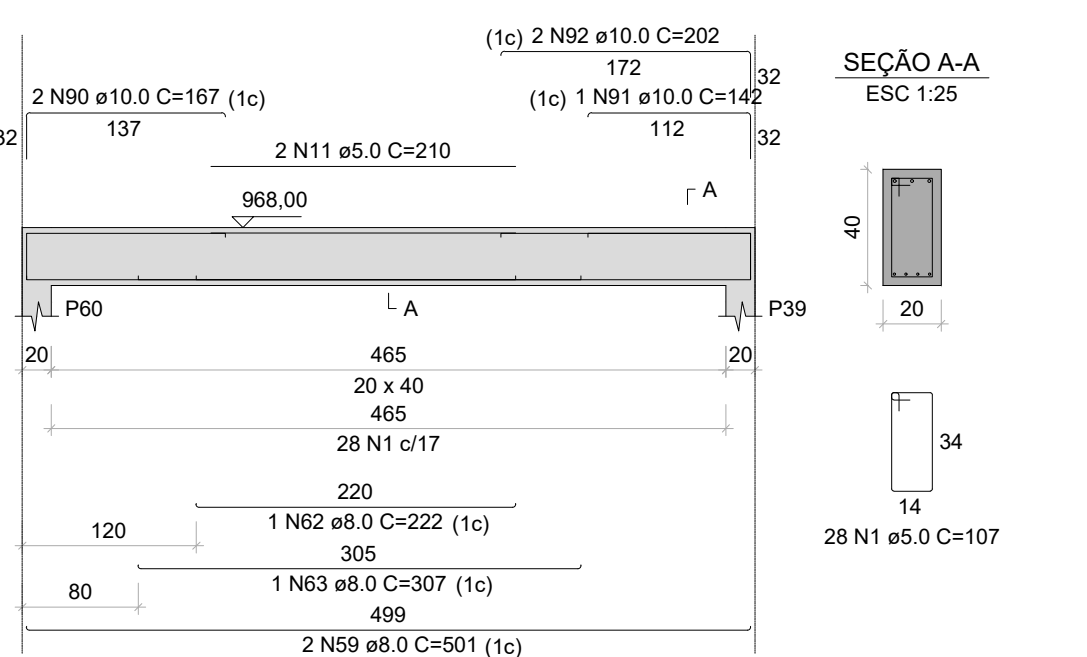
V65

ESC 1:50



V66

ESC 1:50



06	21/11/22	REVISÃO CONFORME NOTA TÉCNICA	ATACIZIO
REVISÃO	DATA	DESCRIÇÃO	RESP.
EMPRESA	MARKA ARQUITETURA E ENGENHARIA LTDA	ESPECIALIDADE	ESTRUTURAL
EMPRESA	MARKA ARQUITETURA E ENGENHARIA LTDA	FASE DO PROJETO	EXECUTIVO
EMPRESA	MARKA ARQUITETURA E ENGENHARIA LTDA	RESPONSÁVEL PROJETO	JOSE ATACIZIO DA FE
EMPRESA	MARKA ARQUITETURA E ENGENHARIA LTDA	COORDENADOR PROJETO	KARINE NARDY
EMPRESA	MARKA ARQUITETURA E ENGENHARIA LTDA	PROJETISTA	JOSE ATACIZIO DA FE
EMPRESA	MARKA ARQUITETURA E ENGENHARIA LTDA	ESCALA	Nº FOLHA
EMPRESA	MARKA ARQUITETURA E ENGENHARIA LTDA	INDICADA	21/11/22
EMPRESA	MARKA ARQUITETURA E ENGENHARIA LTDA	ARQUIVO	17