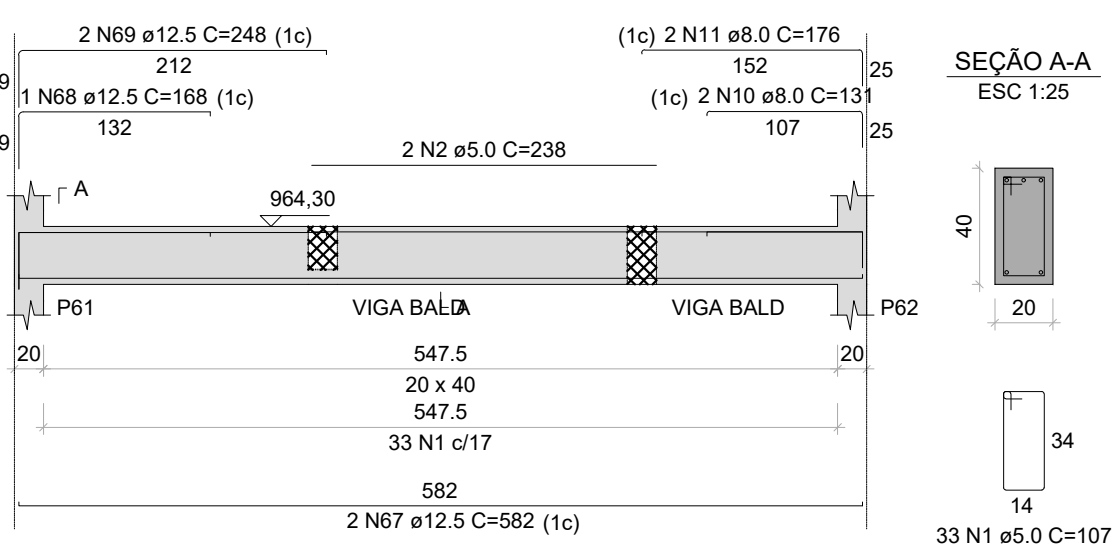


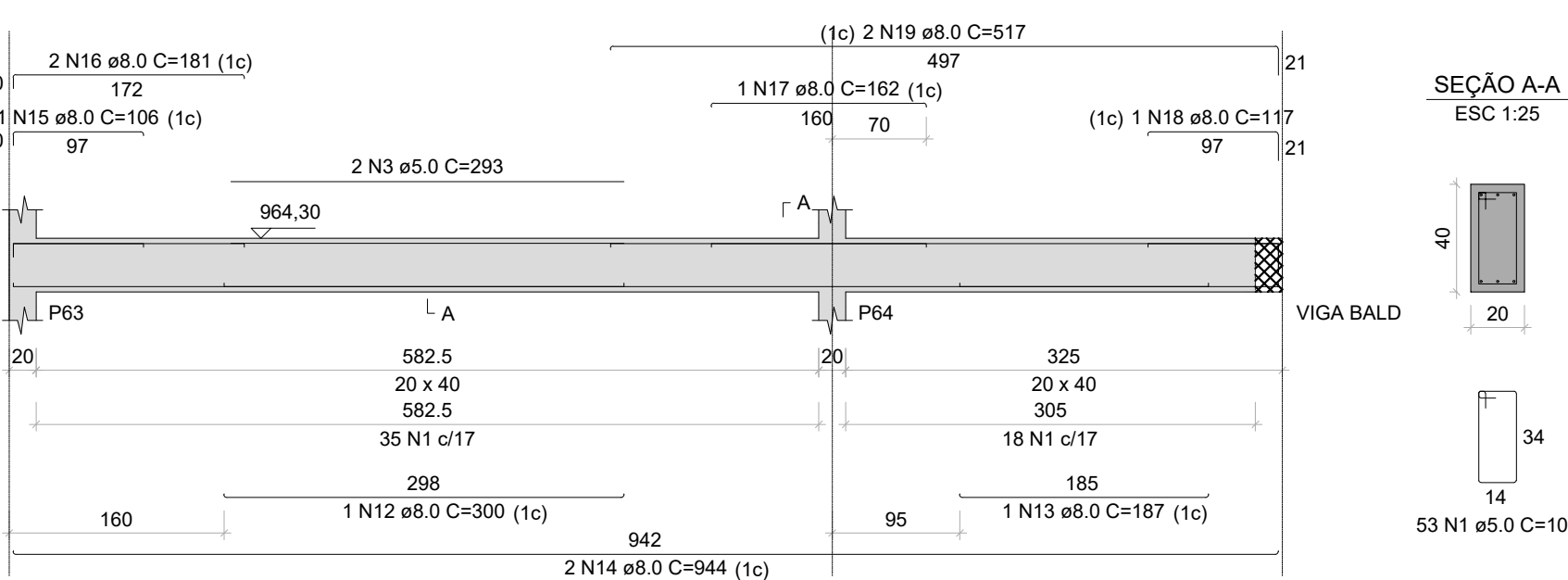
VIGA BALDRAME34

ESC 1:50



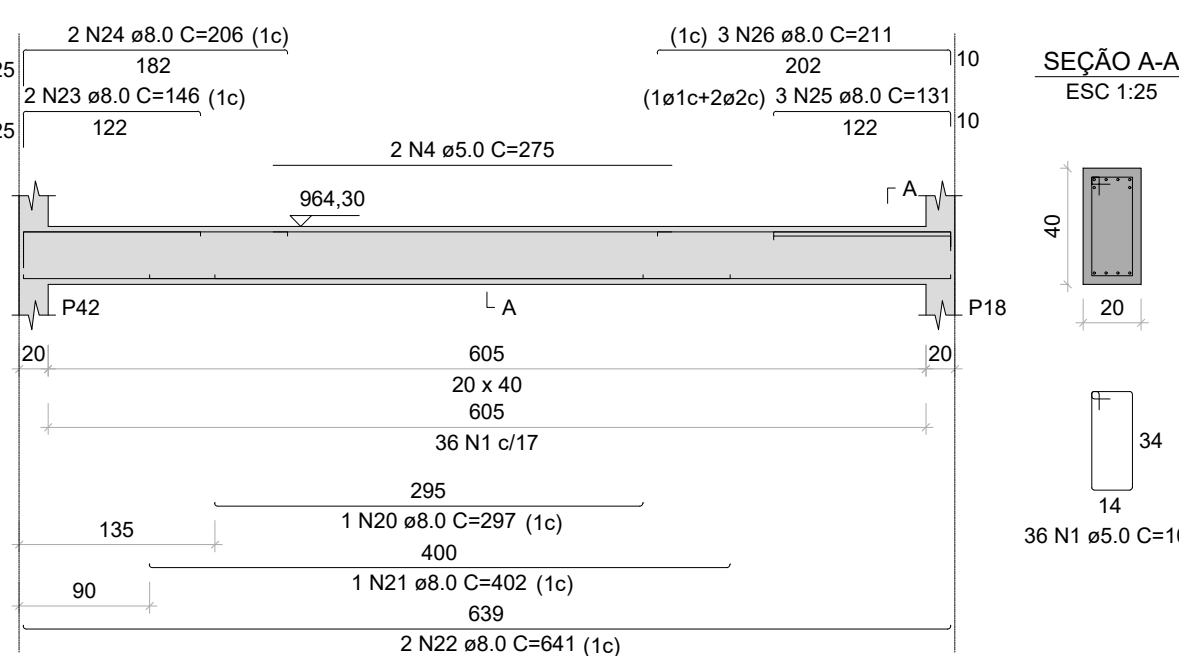
VIGA BALDRAME35

ESC 1:50



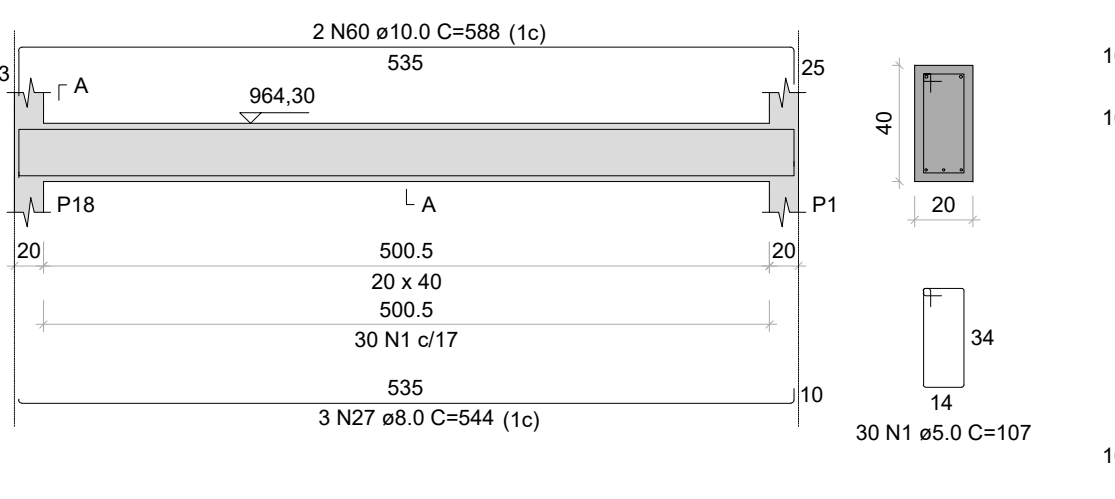
VIGA BALDRAME36

ESC 1:50



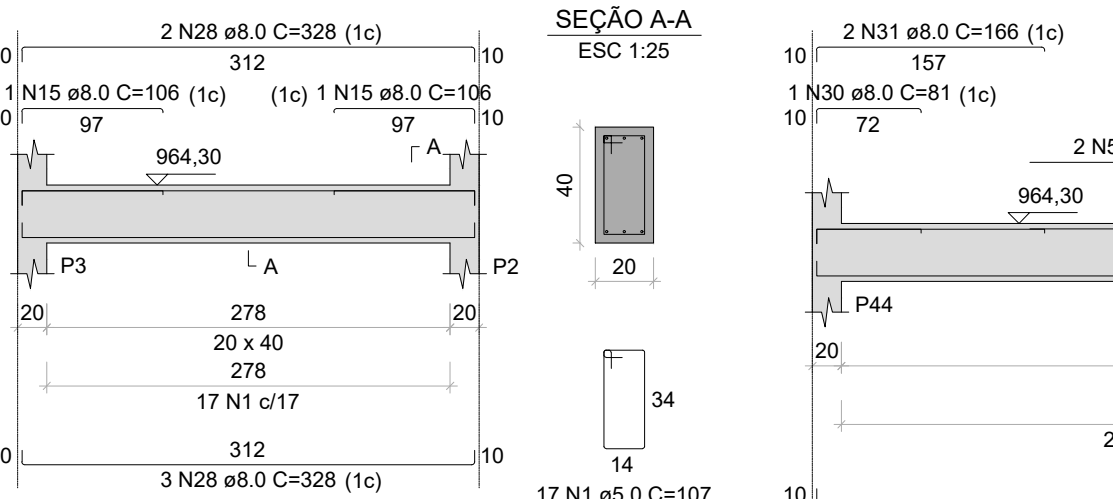
VIGA BALDRAME37

ESC 1:50



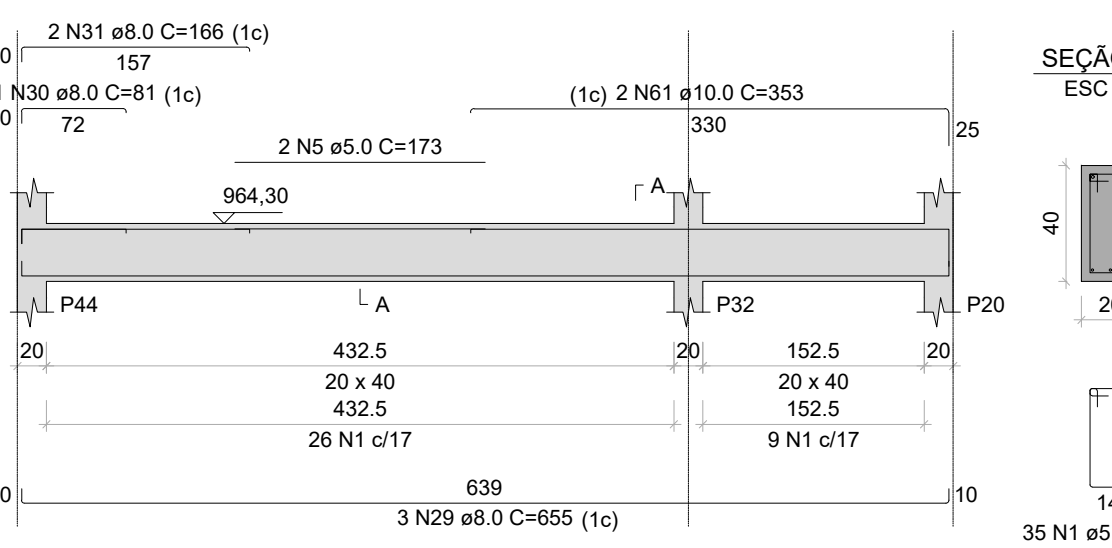
VIGA BALDRAME38

ESC 1:50



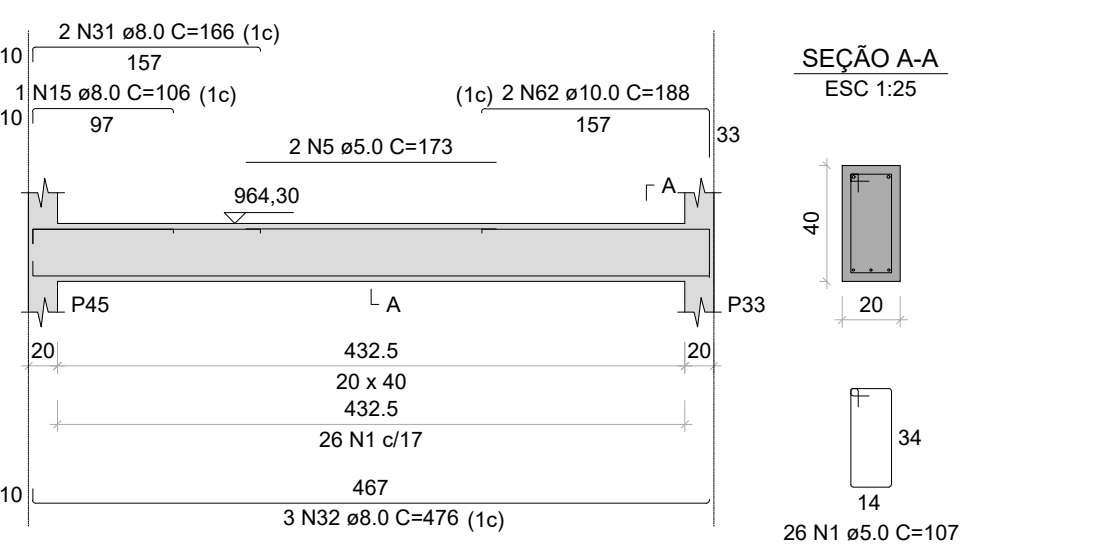
VIGA BALDRAME39

ESC 1:50



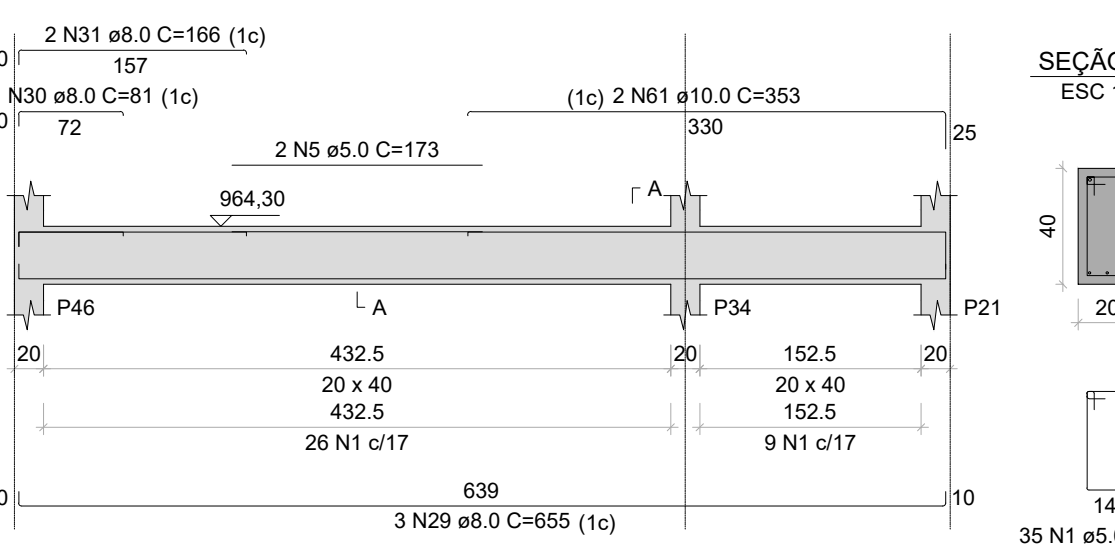
VIGA BALDRAME40

ESC 1:50



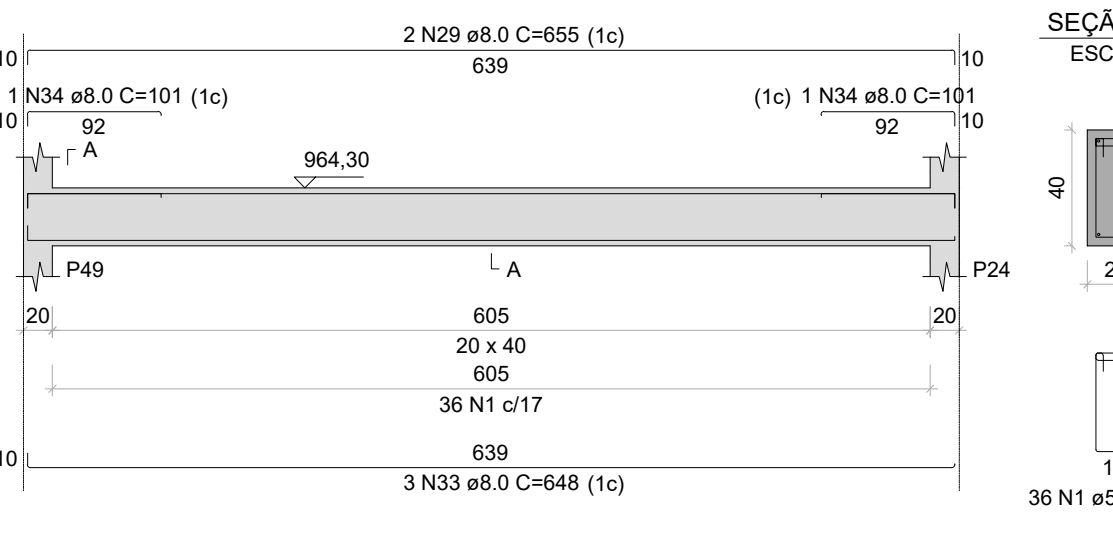
VIGA BALDRAME41

ESC 1:50



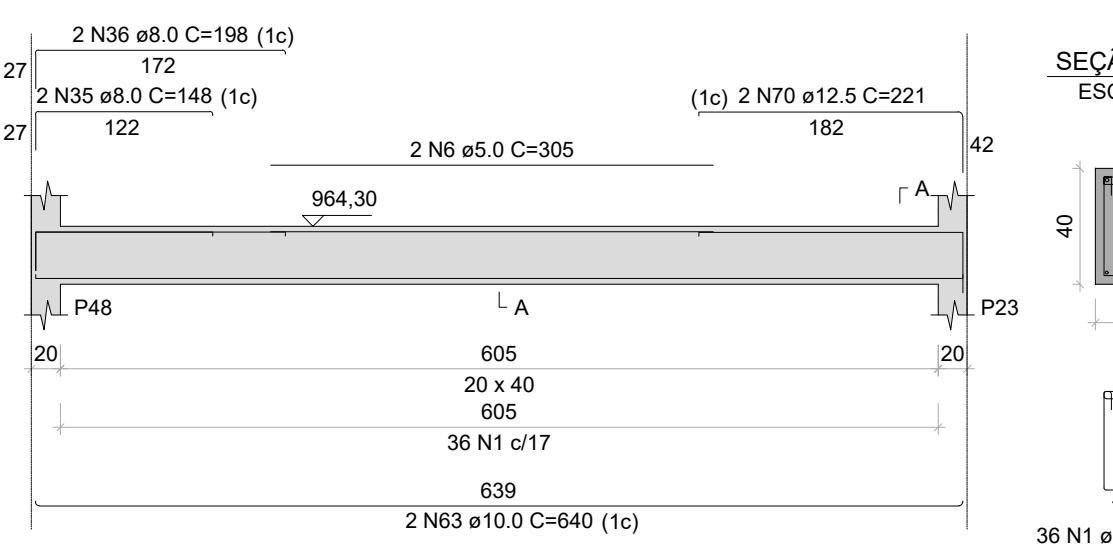
VIGA BALDRAME42

ESC 1:50



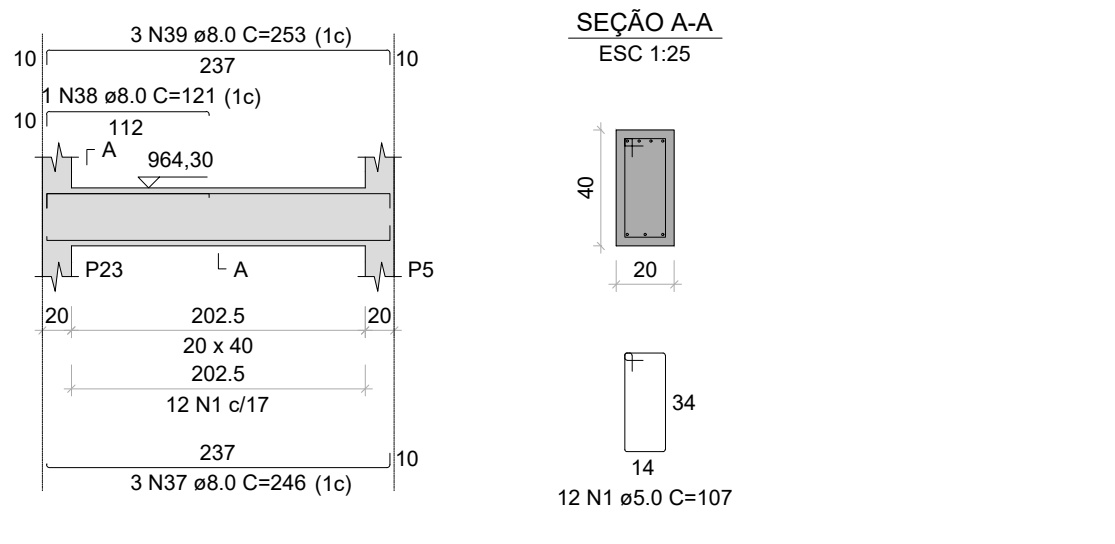
VIGA BALDRAME43

ESC 1:50



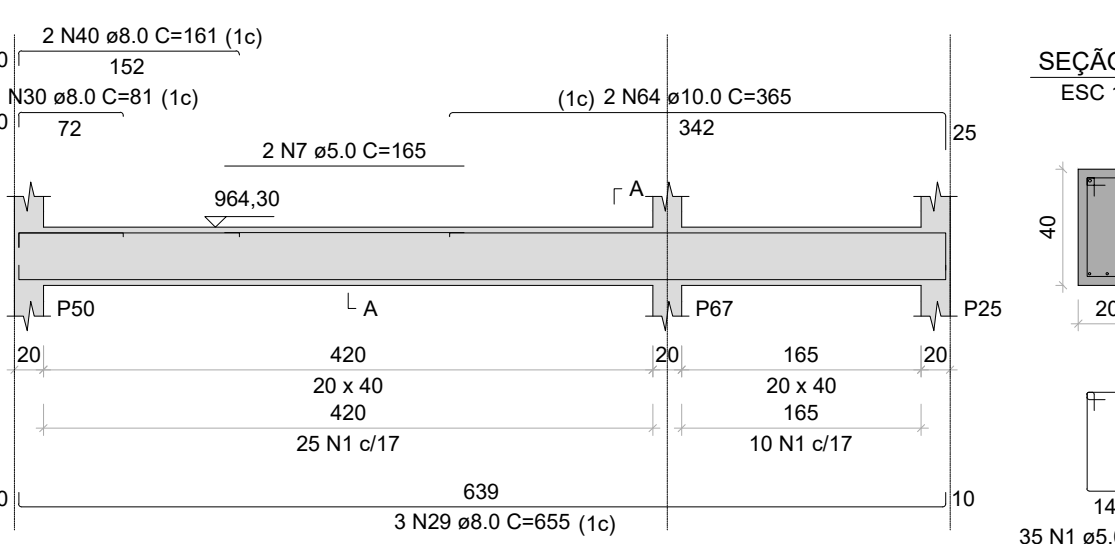
VIGA BALDRAME44

ESC 1:50



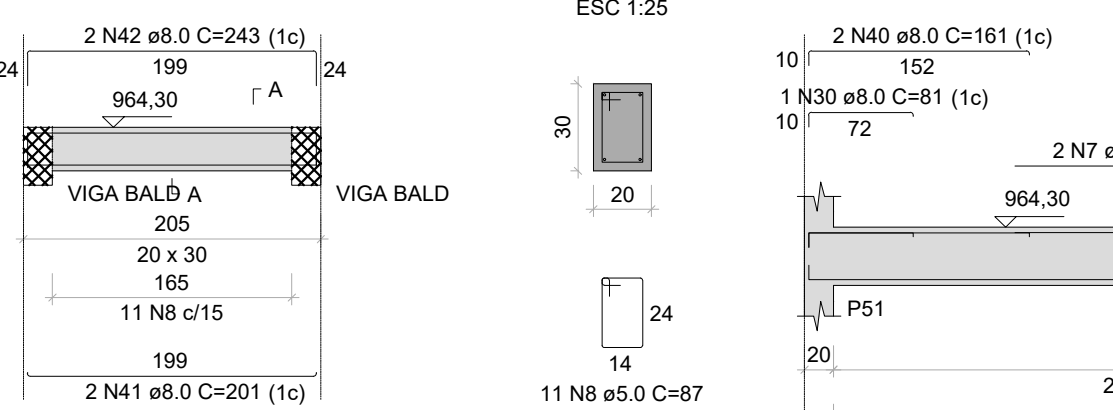
VIGA BALDRAME45

ESC 1:50



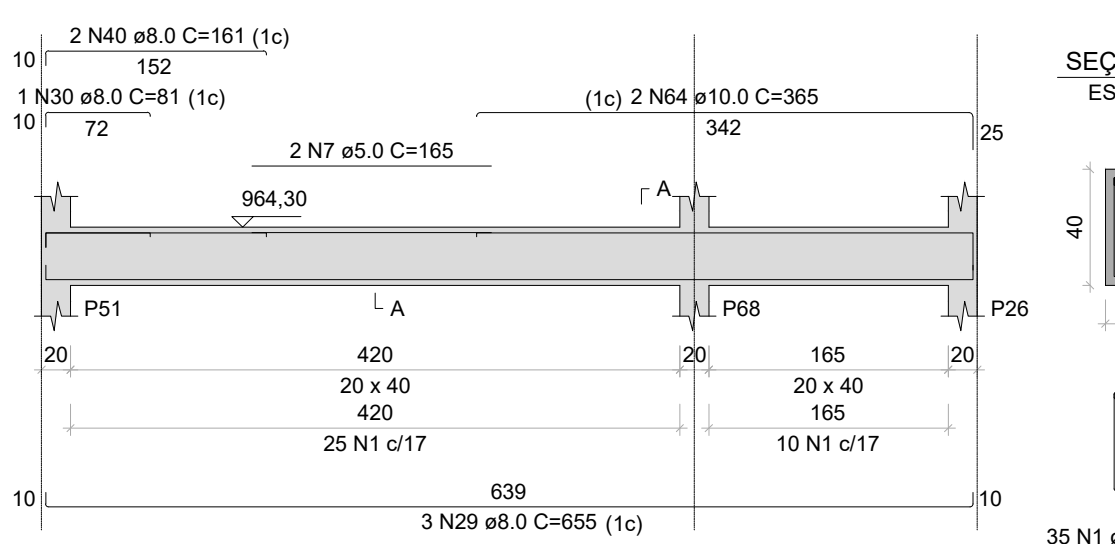
VIGA BALDRAME46

ESC 1:50



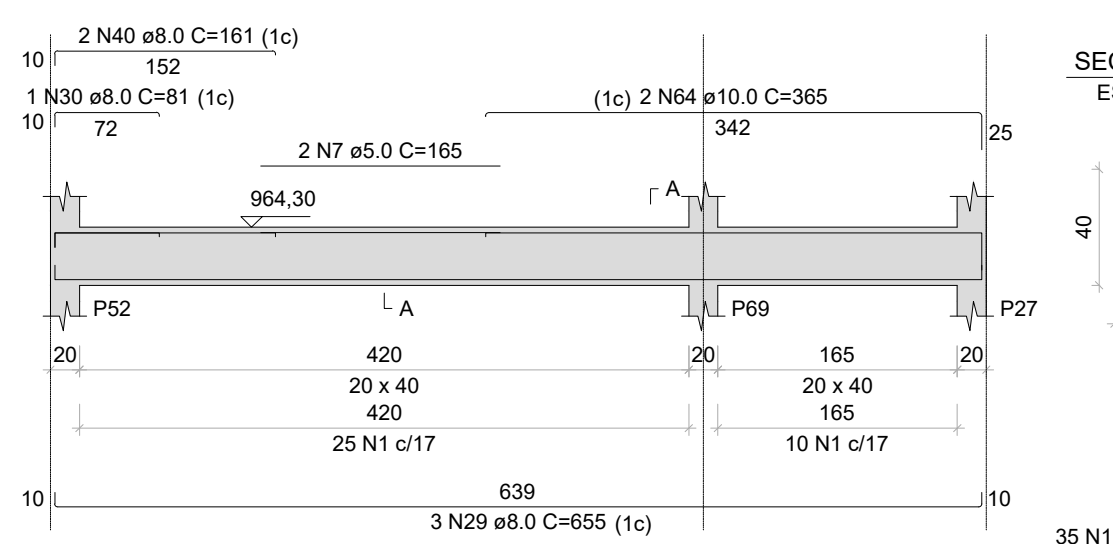
VIGA BALDRAME47

ESC 1:50



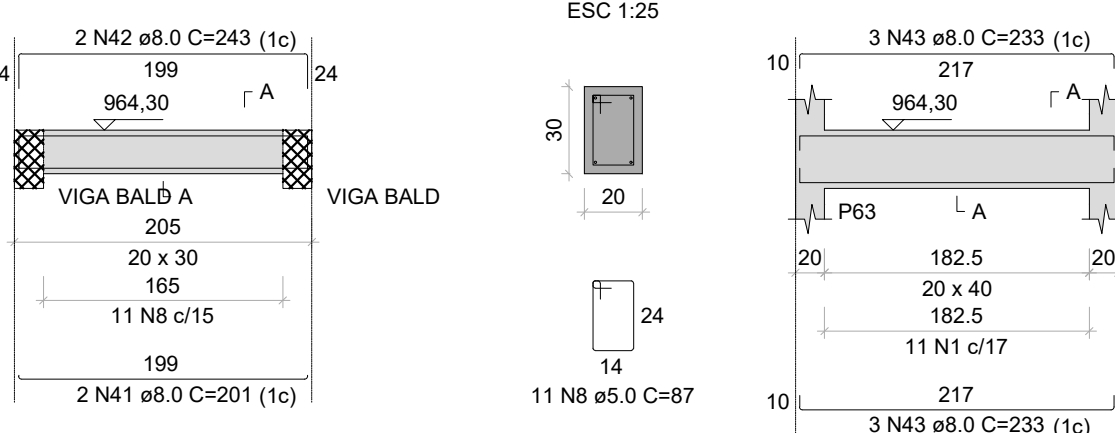
VIGA BALDRAME48

ESC 1:50



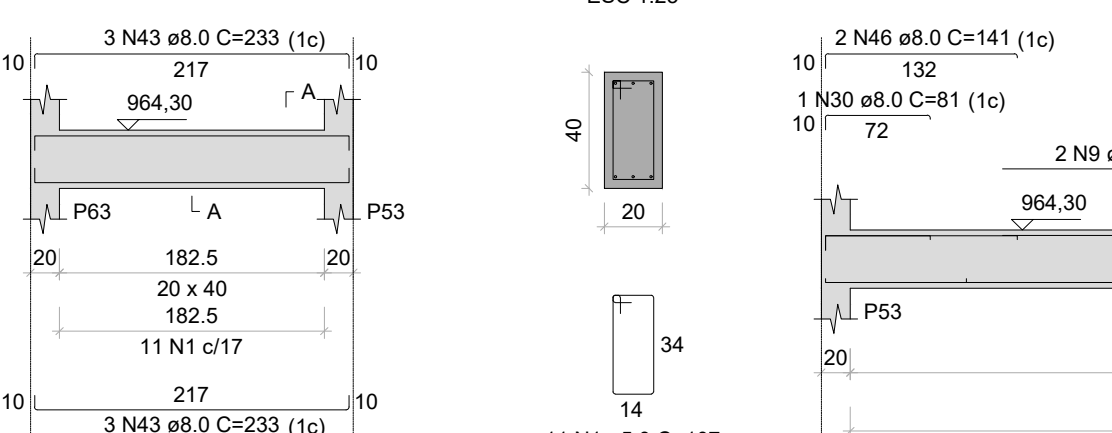
VIGA BALDRAME49

ESC 1:50



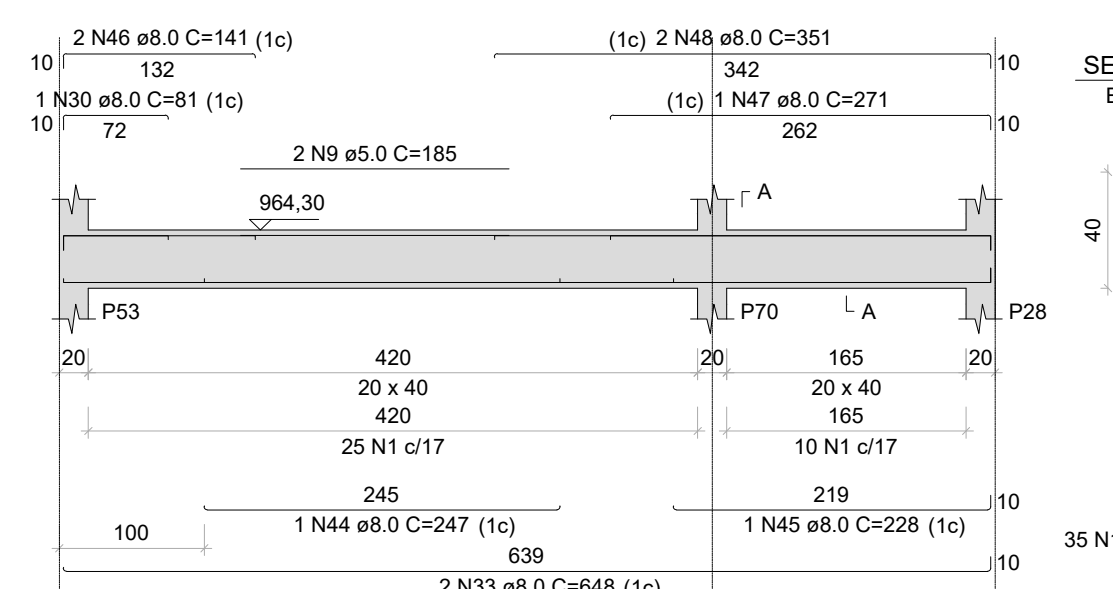
VIGA BALDRAME50

ESC 1:50



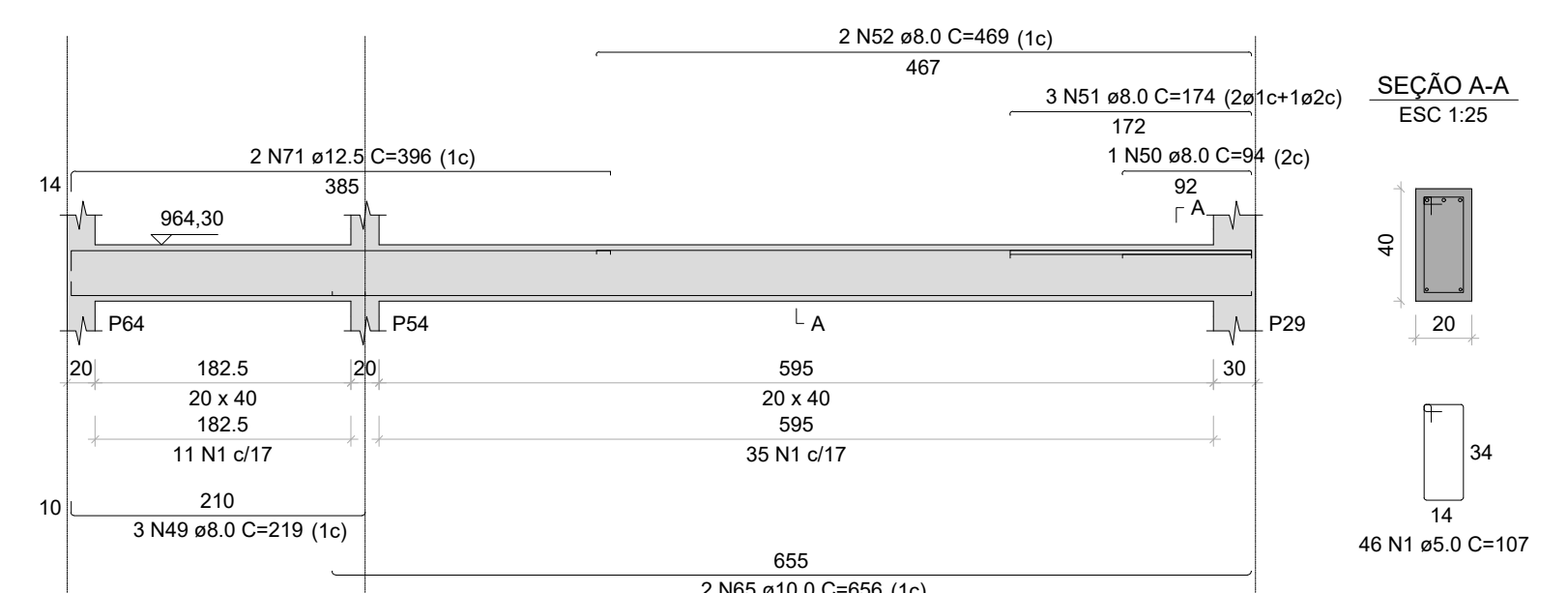
VIGA BALDRAME51

ESC 1:50



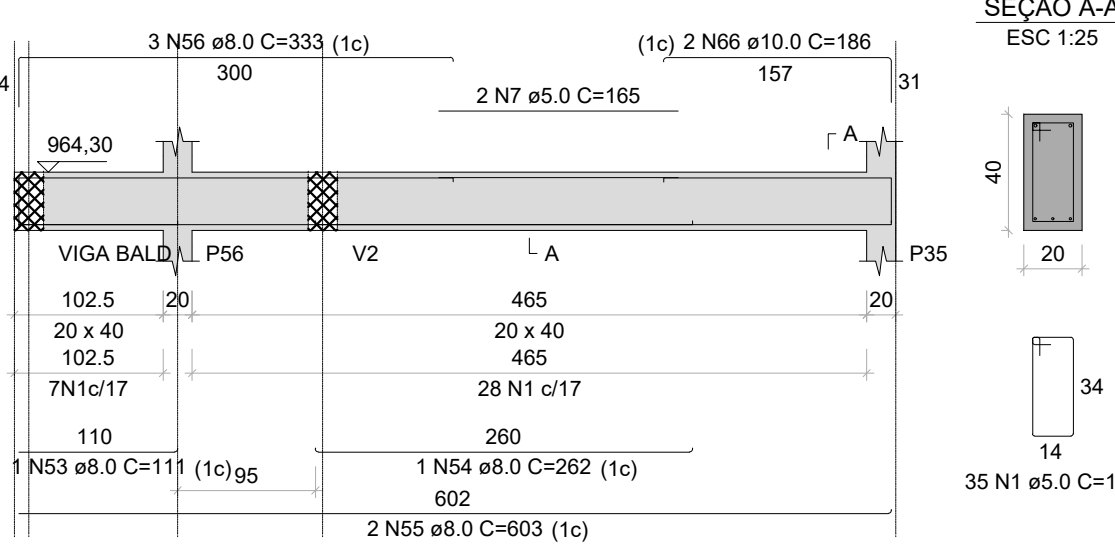
VIGA BALDRAME52

ESC 1:50



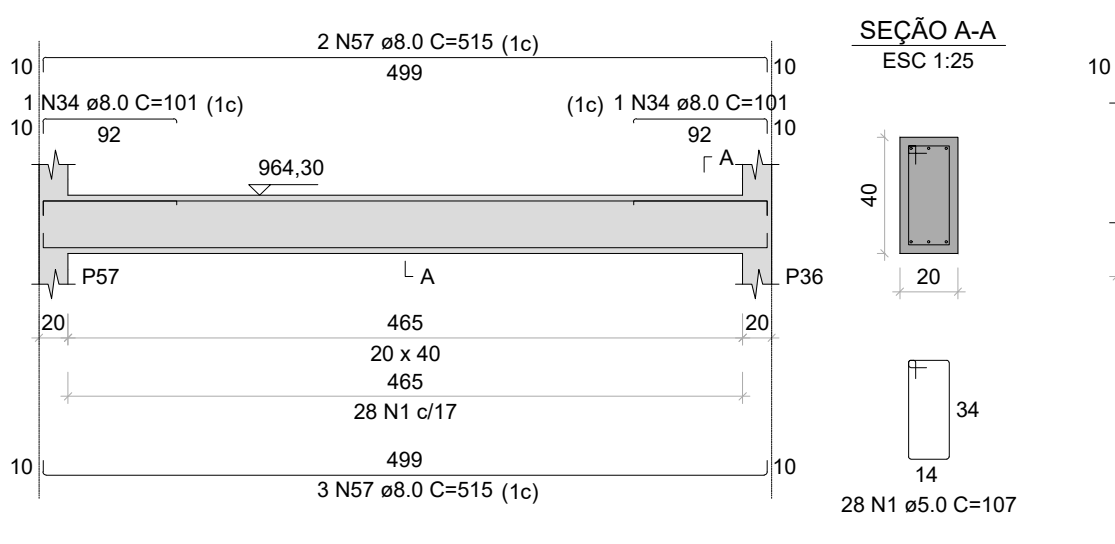
VIGA BALDRAME53

ESC 1:50



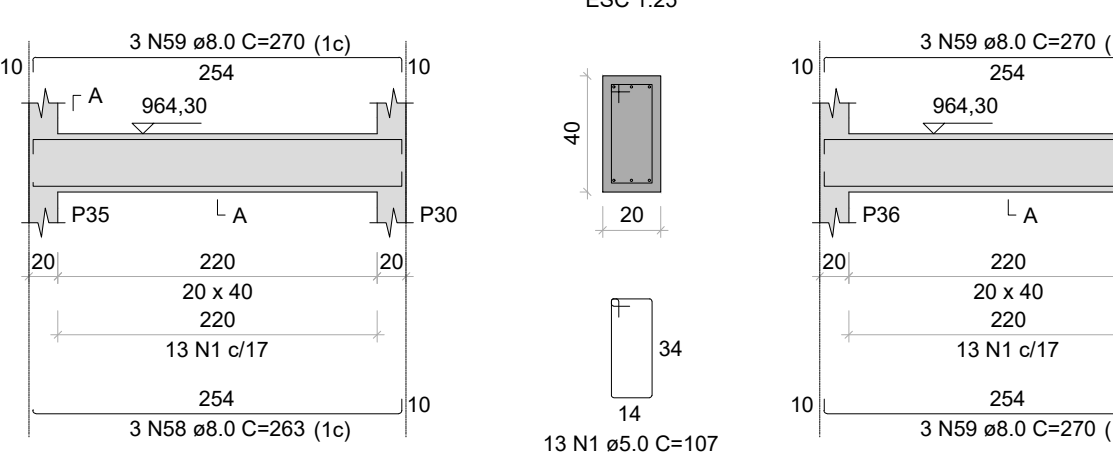
VIGA BALDRAME54

ESC 1:50



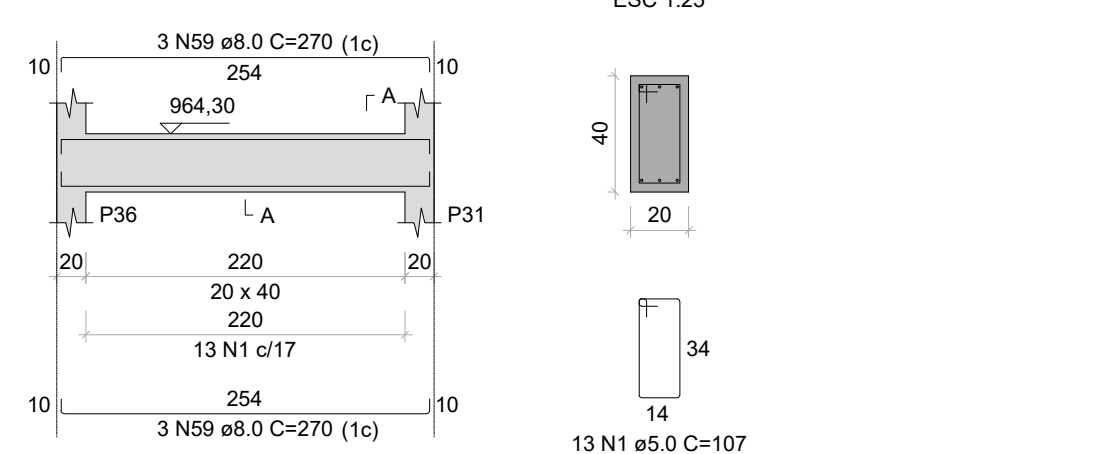
VIGA BALDRAME55

ESC 1:50



VIGA BALDRAME56

ESC 1:50



RELAÇÃO DO AÇO

VIGA BALDRAME34/VIGA BALDRAME35/VIGA BALDRAME36
VIGA BALDRAME37/VIGA BALDRAME38/VIGA BALDRAME39
VIGA BALDRAME40/VIGA BALDRAME41/VIGA BALDRAME42
VIGA BALDRAME43/VIGA BALDRAME44/VIGA BALDRAME45
VIGA BALDRAME46/VIGA BALDRAME47/VIGA BALDRAME48
VIGA BALDRAME49/VIGA BALDRAME50/VIGA BALDRAME51
VIGA BALDRAME52/VIGA BALDRAME53/VIGA BALDRAME54
VIGA BALDRAME55/VIGA BALDRAME56

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	635	107	67945
	2	5.0	2	238	476
	3	5.0	2	293	586
	4	5.0	2	275	550
	5	5.0	6	173	1038
	6	5.0	2	305	610
	7	5.0	8	165	1320
	8	5.0	22	87	1914
	9	5.0	2	165	370
	10	8.0	2	131	262
CA50	11	8.0	2	176	352
	12	8.0	1	300	300
	13	8.0	1	187	187
	14	8.0	2	944	1888
	15	8.0	4	106	424
	16	8.0	2	181	362
	17	8.0	1	162	162
	18	8.0	1	117	117
	19	8.0	2	517	1034
	20	8.0	1	297	297
	21	8.0	1	402	402
	22	8.0	2	641	1282
	23	8.0	2	146	292
	24	8.0	2	296	412
	25	8.0	3	131	393
	26	8.0	3	211	633
	27	8.0	3	544	1632
	28	8.0	5	328	1640
	29	8.0	17	655	11135
	30	8.0	6	81	486
	31	8.0	6	166	996
	32	8.0	3	476	1428
	33	8.0	3	648	3240
	34	8.0	4	101	404
	35	8.0	2	148	296
	36	8.0	2	198	396
	37	8.0	3	246	738
	38	8.0	1	121	121
	39	8.0	3	253	759
	40	8.0	6	161	966
	41	8.0	4	201	804
	42	8.0	4	243	972
	43	8.0	6	233	1398
	44	8.0	1	247	247
	45	8.0	1	228	228
	46	8.0	2	141	282
	47	8.0	1	271	271
	48	8.0	2	351	702
	49	8.0	3	219	657
	50	8.0	1	94	94
	51	8.0	3	174	522
	52	8.0	2	469	938
	53	8.0	1	111	111
	54	8.0	1	262	262
	55	8.0	2	603	1206
	56	8.0	3	333	999
	57	8.0	5	515	2575
	58	8.0	3	263	789
	59	8.0	9	270	2430
	60	10.0	2	588	1176
	61	10.0	4	353	1412
	62	10.0	2	188	376
	63	10.0	2	640	1280
	64	10.0	6	365	2190
	65	10.0	2	656	1312
	66	10.0	2	186	372
	67	12.5	2	582	1164
	68	12.5	1	168	168
	69	12.5	2	248	496
	70	12.5	2	221	442
	71	12.5	2	396	792

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	8.0	485.2	210.6
	10.0	81.2	55.1
	12.5	30.6	32.4
CA60	5.0	748.1	126.8
PESO TOTAL (kg)			
CA50		298.1	
CA60		126.8	
Volume de concreto fck 3,0kN/cm² (C-30) = 8.71 m³			
Área de forma = 109.22 m²			

Aviso 06 - Viga com apoios sobrepostos. Ajustar detalhamento de acordo com a forma.