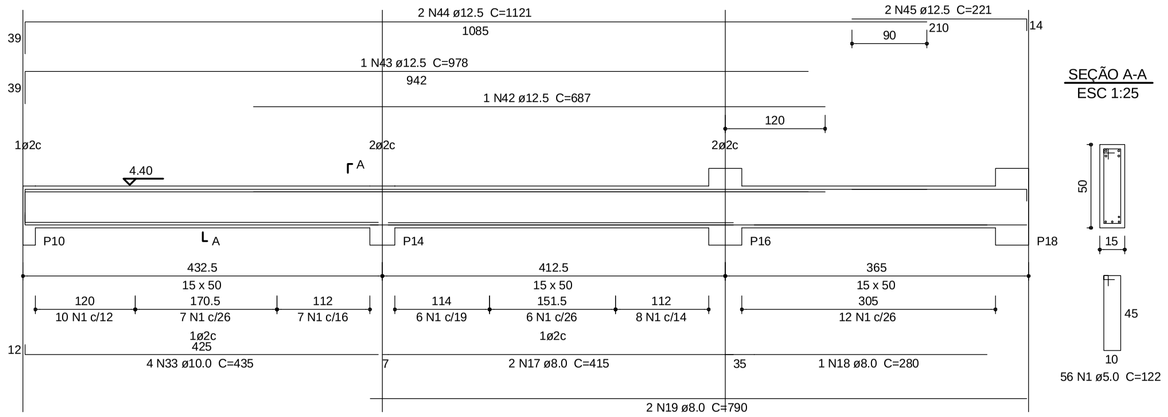
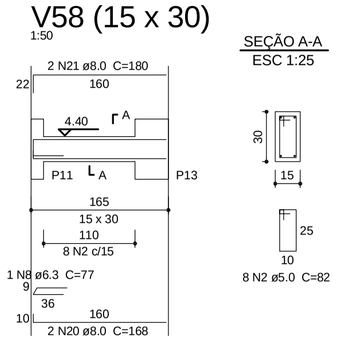
V57 (15 x 50)

1:50



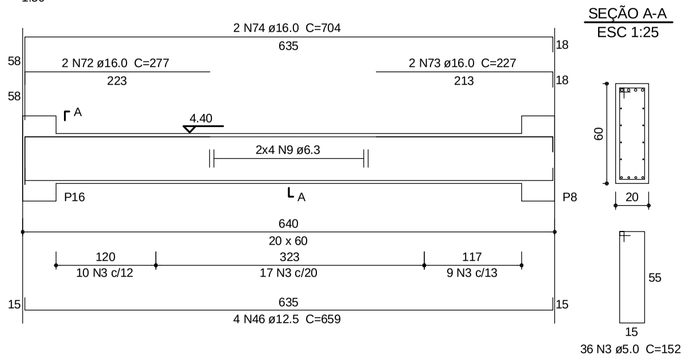
V58 (15 x 30)

1:50



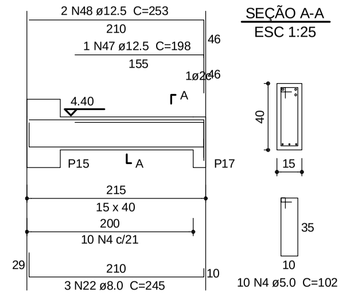
V60 (20 x 60)

1:50



V61 (15 x 40)

1:50



Relação do aço

V57 V58 V60
V61 V62 V63
V64 V65 V66
V67 V68 V69
V70 V74 V75

AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	226	122	27572
	2	5.0	21	82	1722
	3	5.0	72	152	10944
	4	5.0	44	102	4488
	5	5.0	2	142	284
	6	5.0	2	173	346
	7	5.0	173	142	24566
CA50	8	6.3	3	77	231
	9	6.3	8	CORR	5080
	10	6.3	4	127	508
	11	6.3	8	CORR	3576
	12	6.3	2	87	174
	13	6.3	6	CORR	3762
	14	6.3	12	CORR	7380
	15	6.3	6	CORR	3618
	16	6.3	1	107	107
	17	8.0	2	415	830
	18	8.0	1	280	280
	19	8.0	2	790	1580
	20	8.0	2	168	336
	21	8.0	2	180	360
	22	8.0	3	245	735
	23	8.0	2	244	488
	24	8.0	2	225	450
	25	8.0	1	125	125
	26	8.0	2	232	464
	27	8.0	6	145	870
	28	8.0	4	463	1852
	29	8.0	3	361	1083
	30	8.0	2	155	310
	31	8.0	2	195	390
	32	8.0	2	238	476
	33	10.0	6	435	2610
	34	10.0	6	879	5274
	35	10.0	1	154	154
	36	10.0	1	179	179
	37	10.0	2	403	806
	38	10.0	1	199	199
	39	10.0	2	239	478
	40	10.0	1	138	138
	41	10.0	2	253	506
	42	12.5	1	687	687
	43	12.5	1	978	978
	44	12.5	2	1121	2242
	45	12.5	2	221	442
	46	12.5	6	659	3954
	47	12.5	1	198	198
	48	12.5	2	253	506
	49	12.5	2	596	1192
	50	12.5	3	907	2721
	51	12.5	2	224	448
	52	12.5	2	219	438
	53	12.5	2	657	1314
	54	12.5	1	185	185
	55	12.5	2	250	500
	56	12.5	3	904	2712
	57	12.5	2	472	944
	58	12.5	1	164	164
	59	12.5	3	500	1500
	60	12.5	2	174	348
	61	12.5	2	234	468
	62	12.5	2	469	938
	63	12.5	3	524	1572
	64	12.5	1	187	187
	65	12.5	1	212	212
	66	12.5	2	573	1146
	67	12.5	5	622	3110
	68	12.5	3	605	1815
	69	12.5	2	610	1220
	70	12.5	3	1078	3234
	71	12.5	3	223	669
	72	16.0	2	277	554
	73	16.0	2	227	454
	74	16.0	2	704	1408
	75	20.0	1	390	390
	76	20.0	2	1200	2400
	77	20.0	1	496	496
	78	20.0	1	706	706
	79	20.0	1	1037	1037
	80	20.0	1	869	869

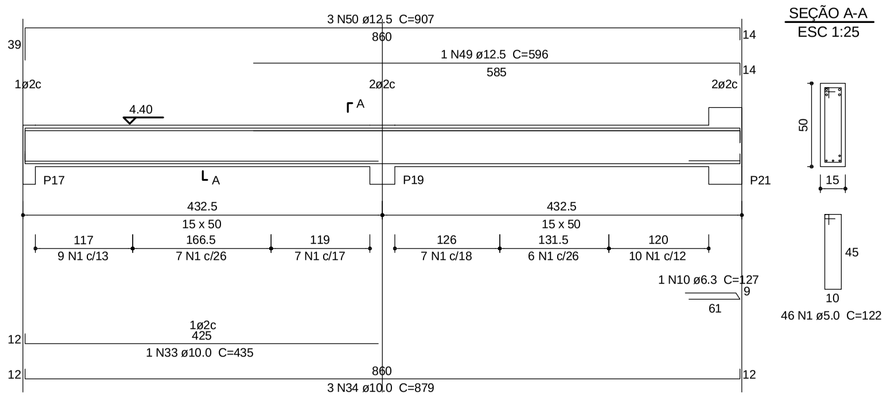
Resumo do aço

AÇO	DIAM	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	244.4	65.8
	8.0	106.3	46.1
	10.0	103.5	70.2
	12.5	360.5	381.9
	16.0	24.2	41.9
	20.0	59	160
CA60	5.0	699.3	118.6
PESO TOTAL			
CA50	766		
CA60	118.6		

Vol. de concreto total (C-25) = 7.68 m³
Área de forma total = 112.81 m²

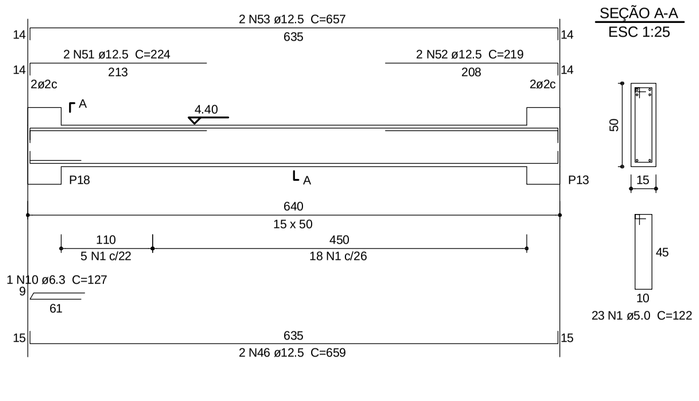
V62 (15 x 50)

1:50



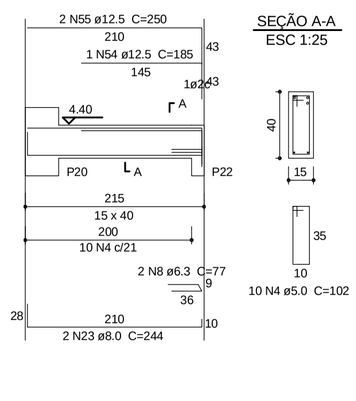
V63 (15 x 50)

1:50



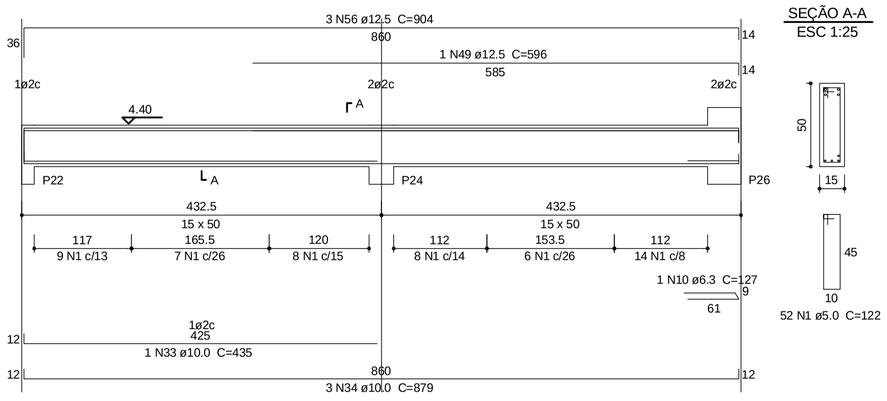
V64 (15 x 40)

1:50



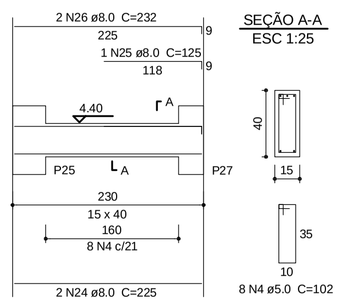
V65 (15 x 50)

1:50



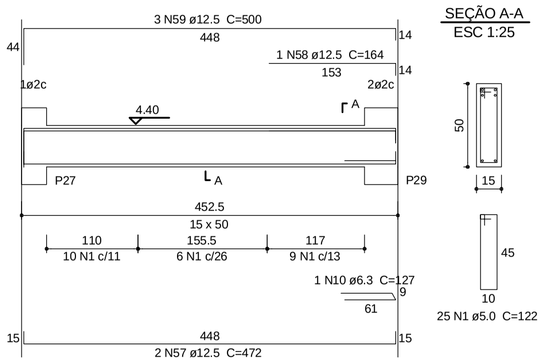
V66 (15 x 40)

1:50



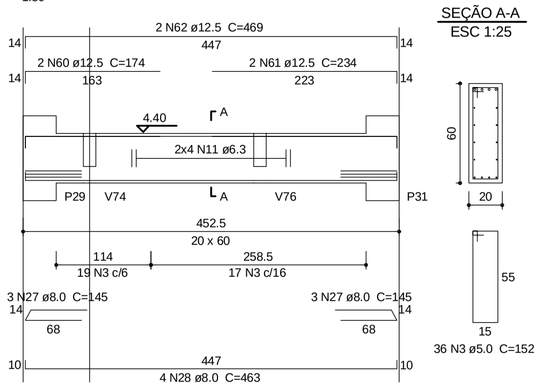
V67 (15 x 50)

1:50



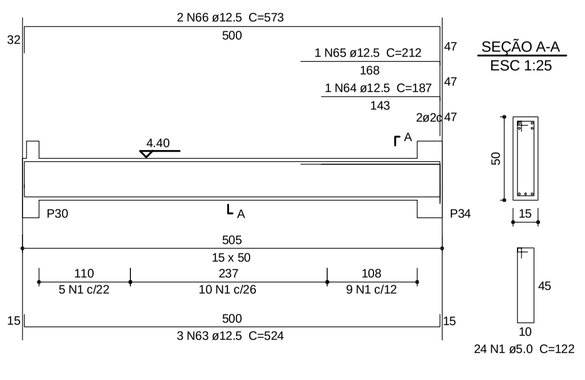
V69 (20 x 60)

1:50



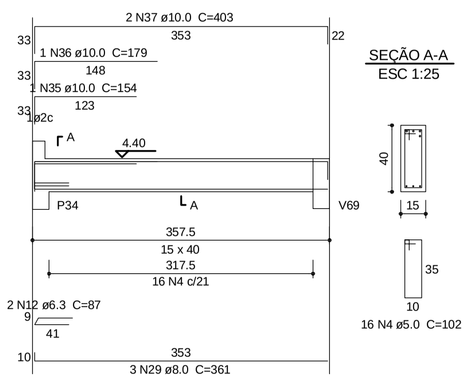
V70 (15 x 50)

1:50



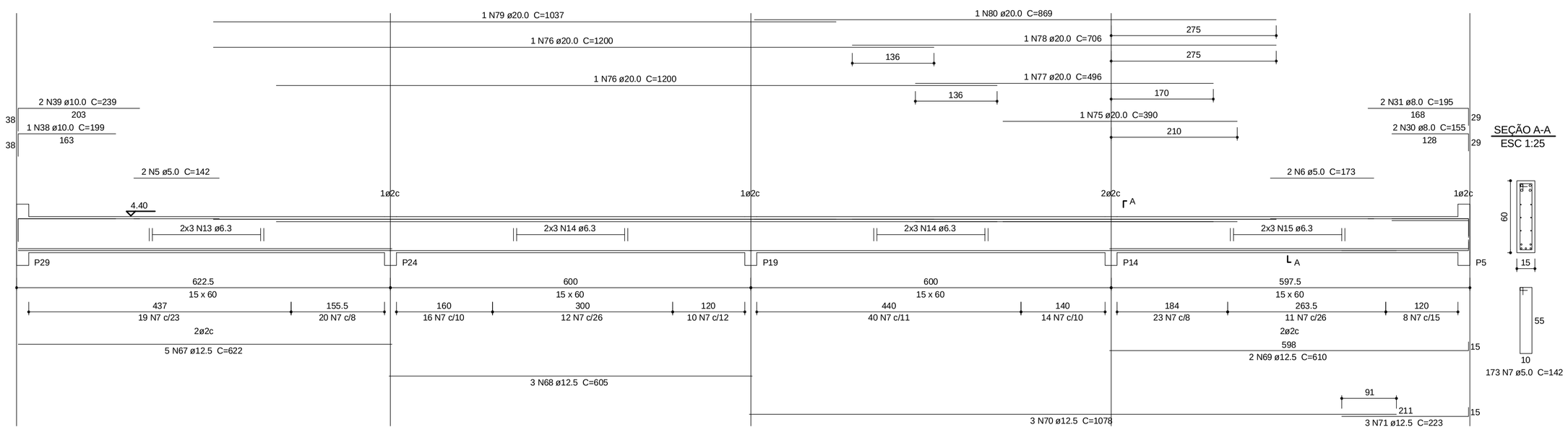
V74 (15 x 40)

1:50



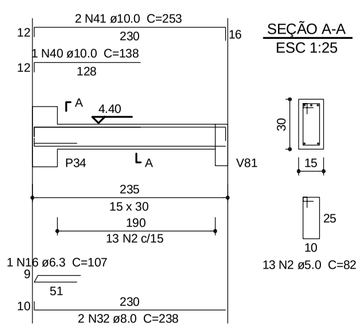
V68 (15 x 60)

1:50



V75 (15 x 30)

1:50



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PROPRIETÁRIO: UNIVERSIDADE FEDERAL DOS VALES DO JEQUITINHONHA E MUCURI — CNPJ 16.888.315/0001-57

TÍTULO: DET. DAS VIGAS DO PAV. TÉRREO 4/6

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VERSAO 1	22.08.2011		28/71