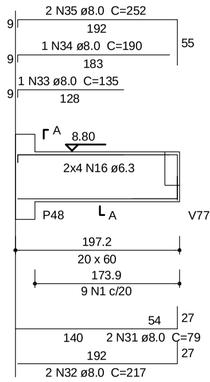
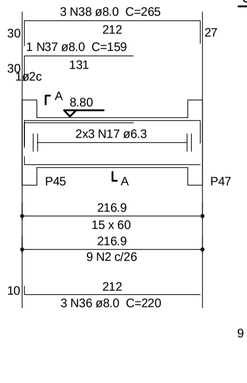
V1 (20 x 60)

1:50



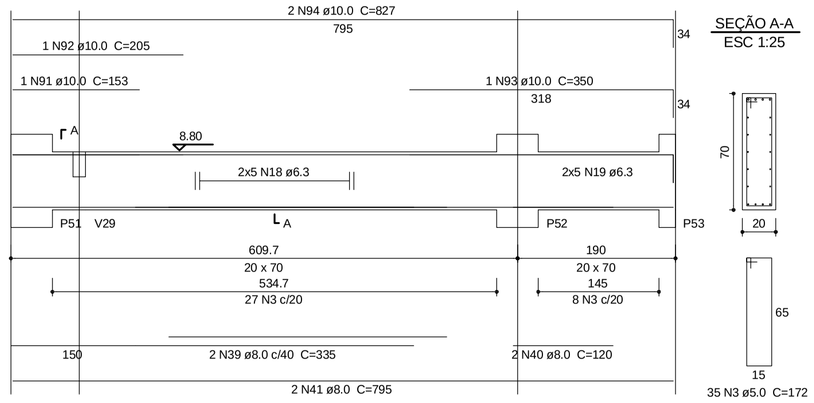
V2 (15 x 60)

1:50



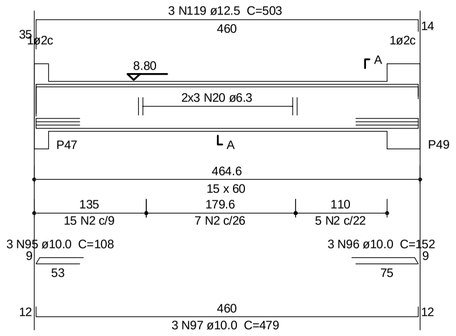
V3 (20 x 70)

1:50



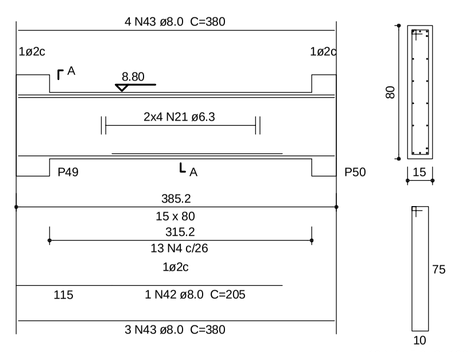
V4 (15 x 60)

1:50



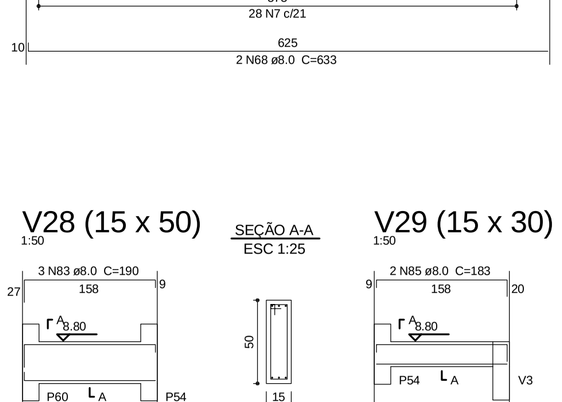
V5 (15 x 80)

1:50



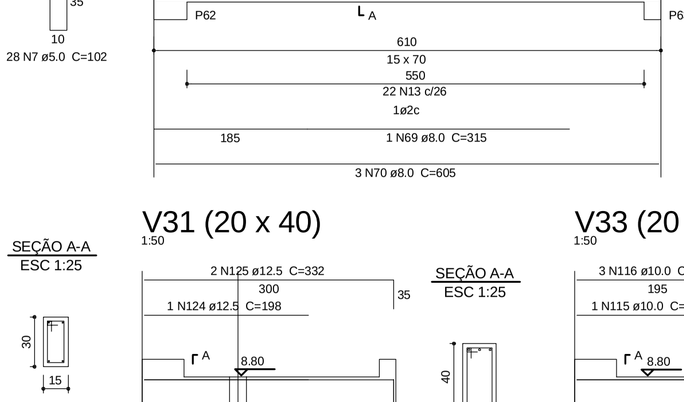
V6 (15 x 60)

1:50



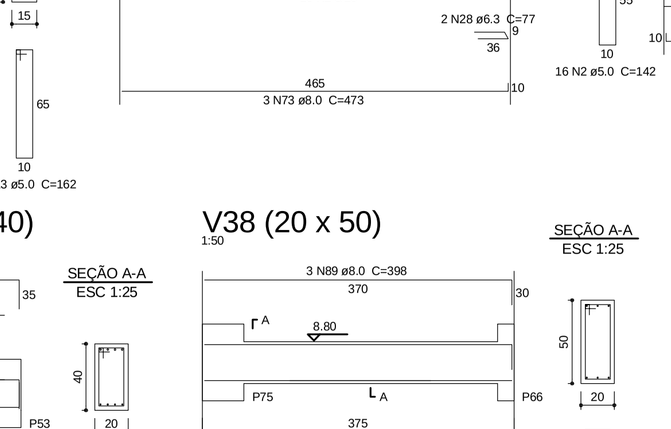
V7 (15 x 60)

1:50



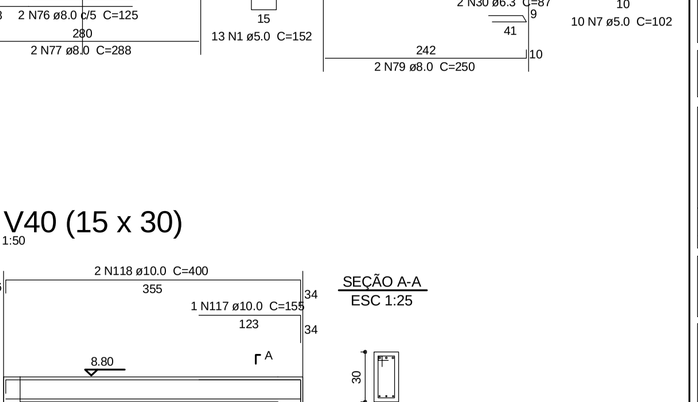
V8 (15 x 60)

1:50



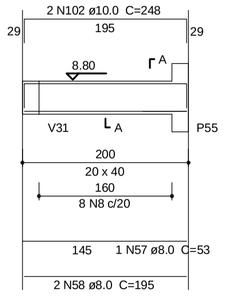
V9 (15 x 40)

1:50



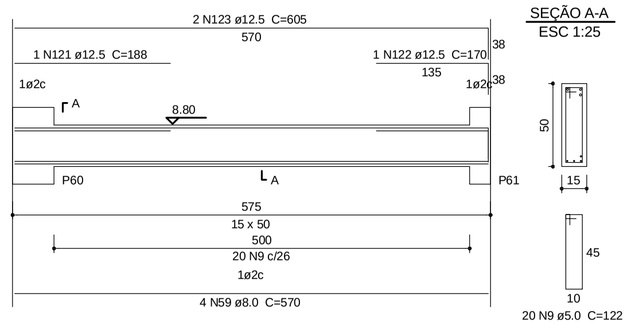
V10 (20 x 40)

1:50



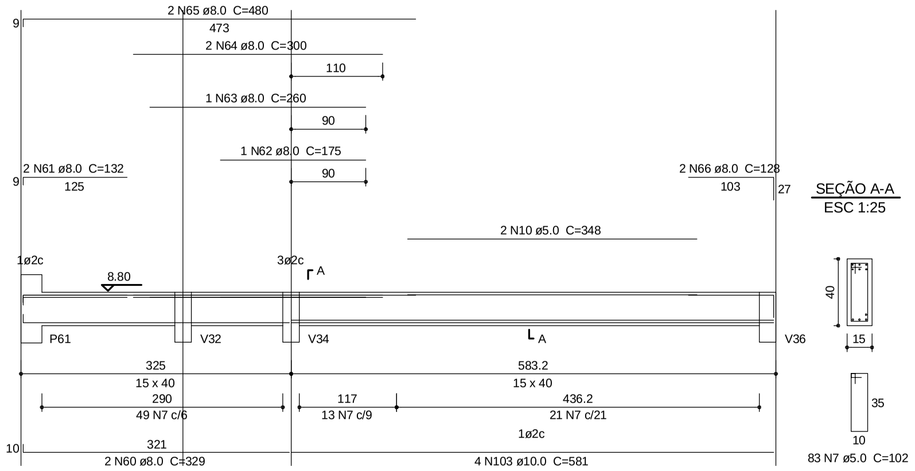
V11 (15 x 50)

1:50



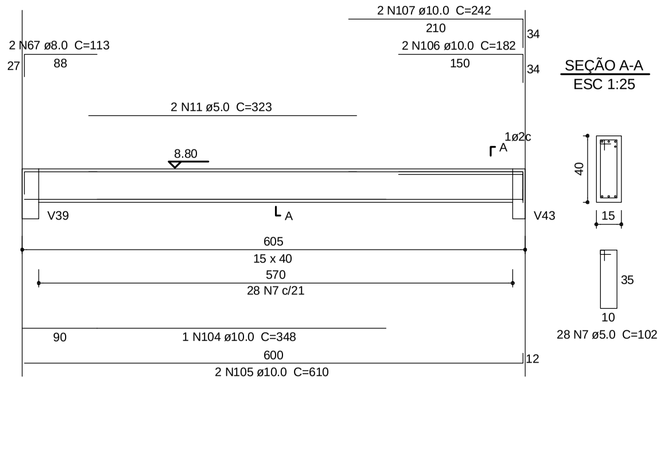
V12 (15 x 40)

1:50



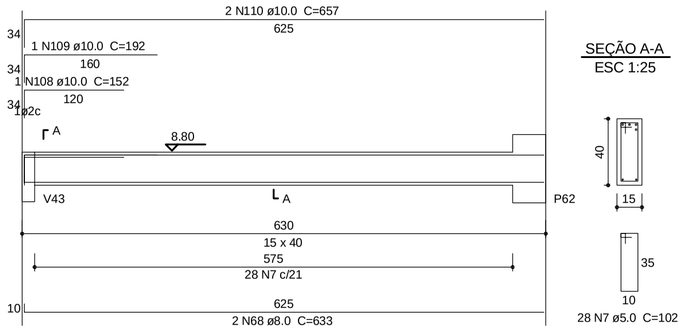
V13 (15 x 40)

1:50



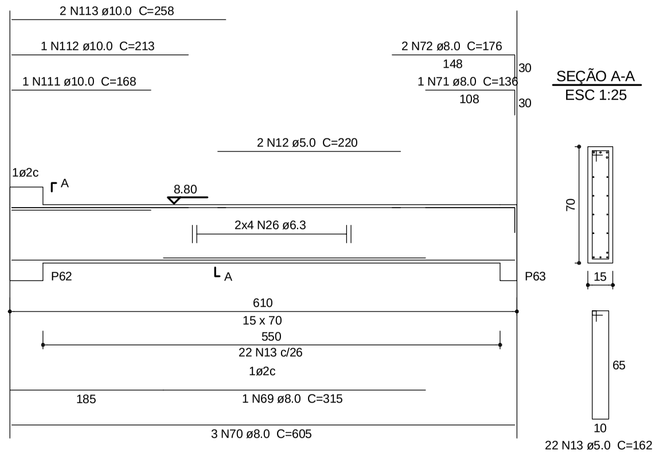
V14 (15 x 40)

1:50



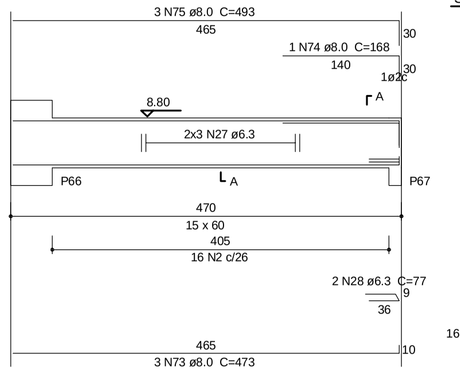
V15 (15 x 70)

1:50



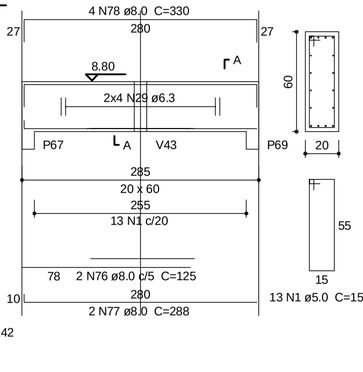
V16 (15 x 60)

1:50



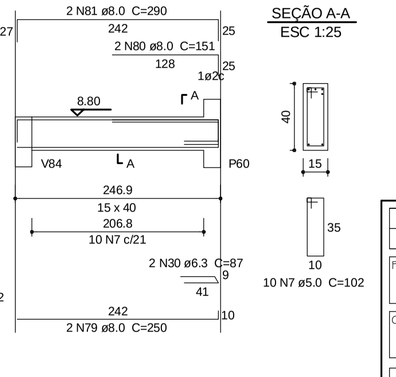
V17 (20 x 60)

1:50



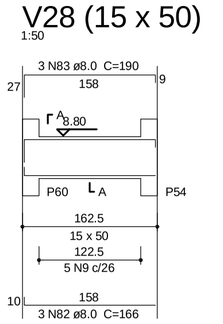
V27 (15 x 40)

1:50



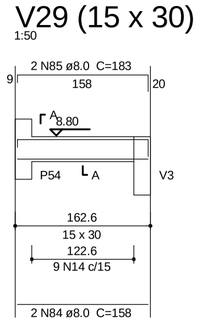
V28 (15 x 50)

1:50



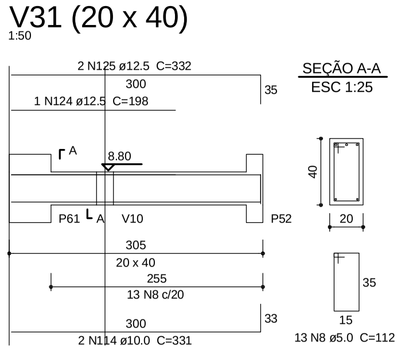
V29 (15 x 30)

1:50



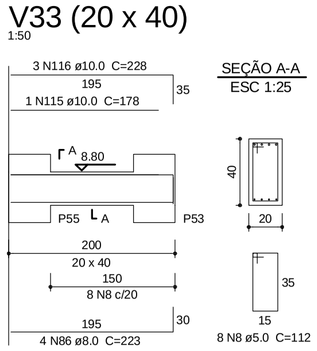
V31 (20 x 40)

1:50



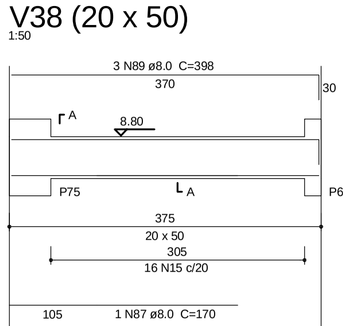
V33 (20 x 40)

1:50



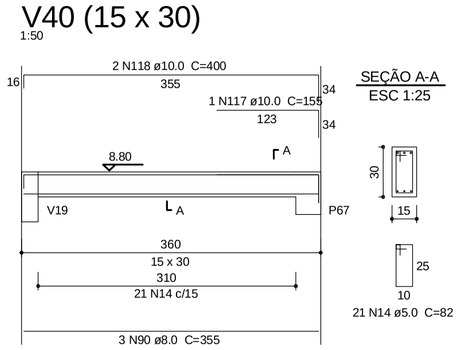
V38 (20 x 50)

1:50



V40 (15 x 30)

1:50



Resumo do aço

AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	22	152	3344
	2	5.0	110	142	15620
	3	5.0	35	172	6020
	4	5.0	13	182	2366
	5	5.0	2	248	496
	6	5.0	2	312	624
	7	5.0	177	102	18054
	8	5.0	29	112	3248
	9	5.0	25	122	3050
	10	5.0	2	348	696
	11	5.0	2	323	646
	12	5.0	2	220	440
	13	5.0	22	162	3564
	14	5.0	30	82	2460
	15	5.0	16	132	2112
CA50	16	6.3	8	CORR	1536
	17	6.3	6	CORR	1272
	18	6.3	10	CORR	6300
	19	6.3	10	CORR	2100
	20	6.3	6	CORR	2760
	21	6.3	6	CORR	3040
	22	6.3	6	CORR	2688
	23	6.3	1	107	107
	24	6.3	6	CORR	3618
	25	6.3	6	CORR	3678
	26	6.3	8	CORR	4840
	27	6.3	6	CORR	2790
	28	6.3	2	77	154
	29	6.3	8	CORR	2240
	30	6.3	2	87	174
	31	8.0	2	79	158
	32	8.0	2	217	434
	33	8.0	1	135	135
	34	8.0	1	190	190
	35	8.0	2	252	504
	36	8.0	3	220	660
	37	8.0	1	159	159
	38	8.0	3	265	795
	39	8.0	2	335	670
	40	8.0	2	120	240
	41	8.0	2	795	1590
	42	8.0	1	205	205
	43	8.0	7	380	2660
	44	8.0	3	456	1368
	45	8.0	1	336	336
	46	8.0	2	603	1206
	47	8.0	1	133	133
	48	8.0	1	122	122
	49	8.0	2	610	1220
	50	8.0	1	348	348
	51	8.0	2	613	1226
	52	8.0	1	118	118
	53	8.0	2	148	296
	54	8.0	1	302	302
	55	8.0	2	647	1294
	56	8.0	2	158	316
	57	8.0	1	53	53
	58	8.0	2	195	390
	59	8.0	4	570	2280
	60	8.0	2	329	658
	61	8.0	2	132	264
	62	8.0	1	175	175
	63	8.0	1	260	260
	64	8.0	2	300	600
	65	8.0	2	480	960
	66	8.0	2	128	256
	67	8.0	2	113	226
	68	8.0	2	633	1266
	69	8.0	1	315	315
	70	8.0	3	605	1815
	71	8.0	1	136	136
	72	8.0	2	176	352
	73	8.0	3	473	1419
	74	8.0	1	168	168
	75	8.0	3	493	1479
	76	8.0	2	125	250
	77	8.0	2	288	576
	78	8.0	4	330	1320
	79	8.0	2	250	500
	80	8.0	2	151	302
	81	8.0	2	290	580
	82	8.0	3	166	498
	83	8.0	3	190	570
	84	8.0	2	158	316
	85	8.0	2	183	366
	86	8.0	4	223	892
	87	8.0	1	170	170
	88	8.0	2	370	740
	89	8.0	3	398	1194
	90	8.0	3	355	1065
	91	10.0	1	153	153
	92	10.0	1	205	205
	93	10.0	1	350	350
	94	10.0	2	827	1654
	95	10.0	2	108	216
	96	10.0	3	152	456
	97	10.0	3	479	1437
	98	10.0	1	163	163
	99	10.0	2	458	916
	100	10.0	1	118	118
	101	10.0	2	263	526
	102	10.0	2	248	496
	103	10.0	4	581	2324
	104	10.0	1	348	348
	105	10.0	2	610	1220
	106	10.0	2	182	364
	107	10.0	2	242	484
	108	10.0	1	152	152
	109	10.0	1	192	192
	110	10.0	2	657	1314
	111	10.0	1	168	168
	112	10.0	1	213	213
	113	10.0	2	258	516
	114	10.0	2	331	662
	115	10.0	1	178	178
	116	10.0	3	228	684
	117	10.0	1	155	155
	118	10.0	2	400	800
	119	12.5	3	503	1509
	120	12.5	2	234	468
	121	12.5	1	188	188
	122	12.5	1	170	170
	123	12.5	2	605	1210
	124	12.5	1	198	198
	125	12.5	2	332	664

Resumo do aço

AÇO	DIAM	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	373	100.4
	8.0	391	169.7
	10.0	165.8	112.4
	12.5	44.1	46.7
CA60	5.0	627.4	106.4
PESO TOTAL			
CA50	429.2		
CA60	106.4		

Vol. de concreto total (C-25) = 8.9 m³
Área de forma total = 126.81 m²

Nº:	DATA	RESPONSÁVEL	DESCRIÇÃO DA REVISÃO:

FASE: PROJETO ESTRUTURAL

OBSERVAÇÕES: CONFERIR MEDIDAS NA OBRA

COMP. MUSEU E ARQUIVO HISTÓRICO
CAMPUS DIAMANTINA
RODOVIA MG 367, KM 583, Nº 5000 - ALTO DA JACUBA - DIAMANTINA/MG

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

TÍTULO: DET. DAS VIGAS DO PAV. SUPERIOR 1/6

AUTOR PROJETO ESTRUTURAL / RT:
MACEDO SIQUEIRA PROJETOS & ENGENHARIA LTDA-ME
CNPJ: 09.566.686/0001-57
RT: ENG. CIVIL: ANTÔNIO AUGUSTO DE MACEDO - CREA: 81.746/DMG
RUA MARGARIDA CORTONA Nº799, CANAAN, SETE LAGOAS/MG
FONES: (31) 3771-0554 / 9997-3184

A.MACEDO Projetos e Engenharia
www.amacedoengenharia.com.br
Fones: (31) 3771-0554 / 9997-3184

DETALHAMENTO:

VERSÃO:	DATA:	AUTOCAD:	FOLHA:
VERSAO 1	22.08.2011		47/71

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