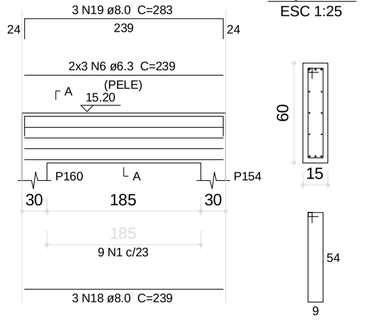
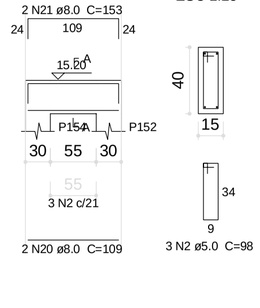
V58
1:50



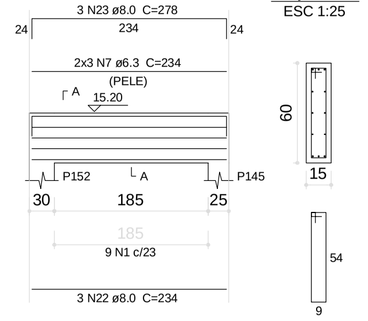
SEÇÃO A-A
ESC 1:25

V59
1:50



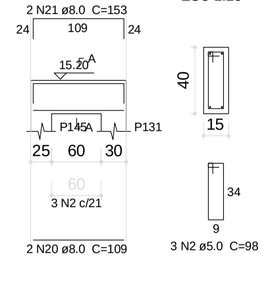
SEÇÃO A-A
ESC 1:25

V60
1:50



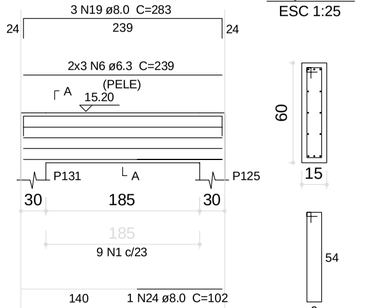
SEÇÃO A-A
ESC 1:25

V61
1:50



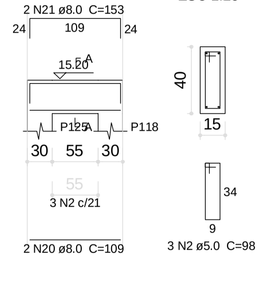
SEÇÃO A-A
ESC 1:25

V62
1:50



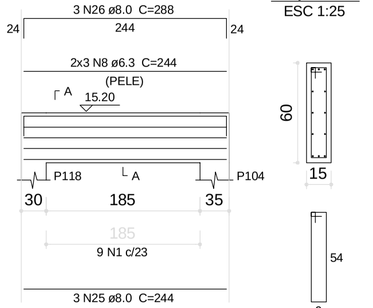
SEÇÃO A-A
ESC 1:25

V63
1:50



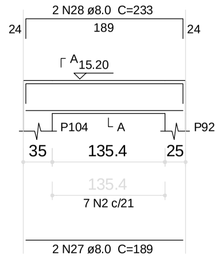
SEÇÃO A-A
ESC 1:25

V64
1:50

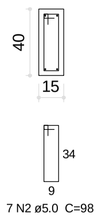


SEÇÃO A-A
ESC 1:25

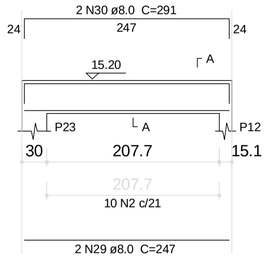
V65
1:50



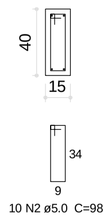
SEÇÃO A-A
ESC 1:25



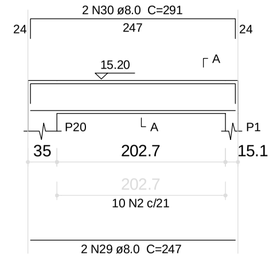
V66
1:50



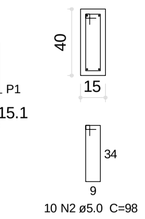
SEÇÃO A-A
ESC 1:25



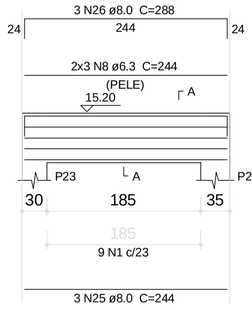
V67
1:50



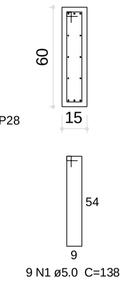
SEÇÃO A-A
ESC 1:25



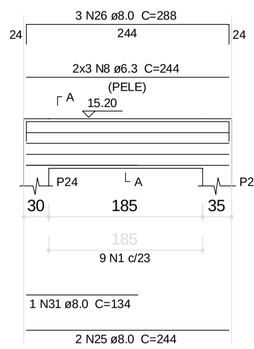
V68
1:50



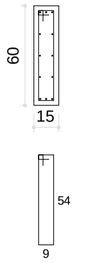
SEÇÃO A-A
ESC 1:25



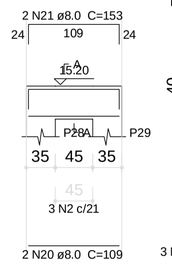
V69
1:50



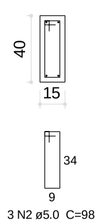
SEÇÃO A-A
ESC 1:25



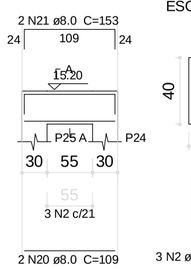
V70
1:50



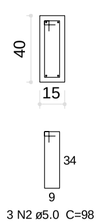
SEÇÃO A-A
ESC 1:25



V71
1:50



SEÇÃO A-A
ESC 1:25



V72
1:50

SEÇÃO A-A
ESC 1:25

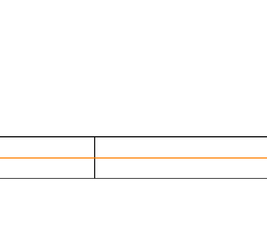
V73
1:50

SEÇÃO A-A
ESC 1:25

V74
1:50

SEÇÃO A-A
ESC 1:25

V75
1:50



SEÇÃO A-A
ESC 1:25

V76
1:50

SEÇÃO A-A
ESC 1:25

V77
1:50

SEÇÃO A-A
ESC 1:25

V78
1:50

SEÇÃO A-A
ESC 1:25

V79
1:50

SEÇÃO A-A
ESC 1:25

V80
1:50

SEÇÃO A-A
ESC 1:25

V81
1:50

SEÇÃO A-A
ESC 1:25

V82
1:50

SEÇÃO A-A
ESC 1:25

V83
1:50

SEÇÃO A-A
ESC 1:25

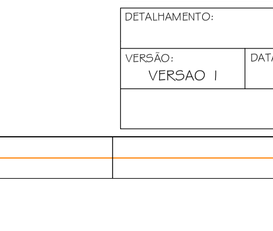
V84
1:50

SEÇÃO A-A
ESC 1:25

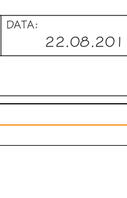
V85
1:50

SEÇÃO A-A
ESC 1:25

V86
1:50



SEÇÃO A-A
ESC 1:25



V87
1:50

SEÇÃO A-A
ESC 1:25

V90
1:50

SEÇÃO A-A
ESC 1:25

V91
1:50

SEÇÃO A-A
ESC 1:25

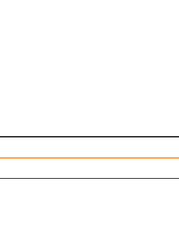
V92
1:50

SEÇÃO A-A
ESC 1:25

V88
1:50

SEÇÃO A-A
ESC 1:25

V89
1:50



SEÇÃO A-A
ESC 1:25

Relação do aço

V58	V59	V60
V61	V62	V63
V64	V65	V66
V67	V68	V69
V70	V71	V72
V73	V74	V75
V76	V77	V78
V79	V80	V81
V82	V83	V84
V88	V89	V90
V91	V92	

AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	134	138	18492
	2	5.0	68	98	6664
	3	5.0	2	265	530
	4	5.0	114	188	21432
	5	5.0	2	240	480
CA50	6	6.3	24	239	5736
	7	6.3	6	234	1404
	8	6.3	36	244	8784
	9	6.3	6	224	1344
	10	6.3	12	109	1308
	11	6.3	6	209	1254
	12	6.3	6	219	1314
	13	6.3	12	702	8424
	14	6.3	12	102	1224
	15	6.3	12	629	7548
	16	6.3	12	190	2280
	17	6.3	12	496	5952
	18	8.0	9	239	2151
	19	8.0	12	283	3396
	20	8.0	21	109	2289
	21	8.0	22	153	3366
	22	8.0	3	234	702
	23	8.0	3	278	834
	24	8.0	2	102	204
	25	8.0	14	244	3416
	26	8.0	18	288	5184
	27	8.0	2	189	378
	28	8.0	2	233	466
	29	8.0	4	247	988
	30	8.0	4	291	1164
	31	8.0	1	134	134
	32	8.0	1	92	92
	33	8.0	1	87	87
	34	8.0	2	224	448
	35	8.0	3	268	804
	36	8.0	2	131	262
	37	8.0	3	162	486
	38	8.0	1	127	127
	39	8.0	1	180	180
	40	8.0	2	209	418
	41	8.0	3	253	759
	42	8.0	1	69	69
	43	8.0	1	80	80
	44	8.0	2	219	438
	45	8.0	3	263	789
	46	8.0	1	137	137
	47	8.0	1	97	97
	48	8.0	2	125	250
	49	8.0	2	169	338
	50	8.0	2	147	294
	51	8.0	2	179	358
	52	12.5	2	702	1404
	53	12.5	2	301	602
	54	12.5	4	233	932
	55	12.5	2	140	280
	56	12.5	2	211	422
	57	12.5	2	629	1258
	58	12.5	2	253	506
	59	12.5	2	228	456
	60	12.5	2	299	598
	61	12.5	2	534	1068
	62	12.5	2	605	1210

Resumo do aço

AÇO	DIAM	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	465.8	125.4
	8.0	311.9	135.4
	12.5	87.4	92.6
CA60	5.0	476	80.7
PESO TOTAL			
CA50	353.3		
CA60	80.7		

Vol. de concreto total (C-30) = 7.9 m³
Área de forma total = 106.53 m²

Nº:	DATA	RESPONSÁVEL	DESCRIÇÃO DA REVISÃO:

FASE:
PROJETO ESTRUTURAL

OBSERVAÇÕES
CONFERIR MEDIDAS NA OBRA

NUGEO - NÚCLEO DE GEOCIÊNCIAS
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

UFVJM

TÍTULO
DETALHAMENTO DAS VIGAS DA PLATIBANDA-3/3

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		71/71

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