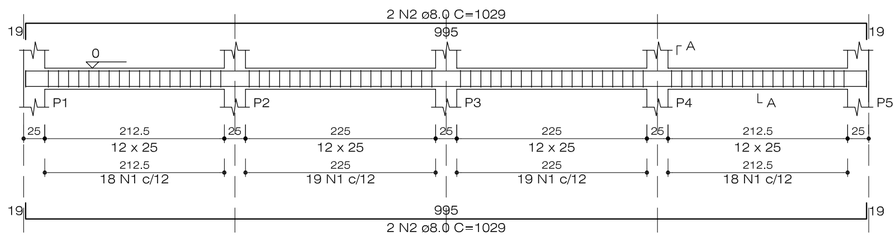
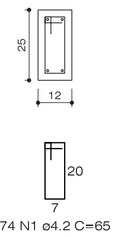
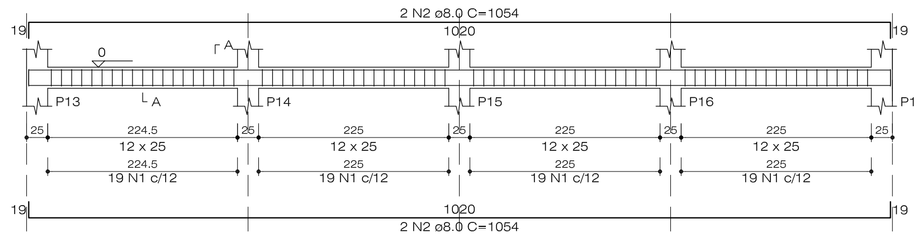
V101
ESC 1:50



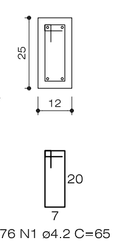
SEÇÃO A-A
ESC 1:15



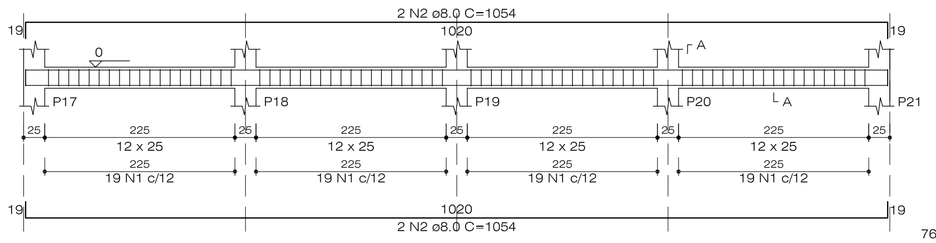
V102
ESC 1:50



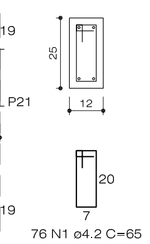
SEÇÃO A-A
ESC 1:15



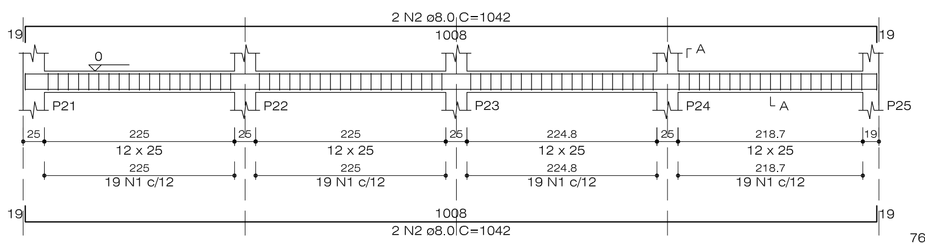
V103
ESC 1:50



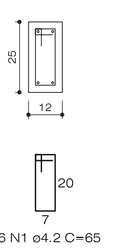
SEÇÃO A-A
ESC 1:15



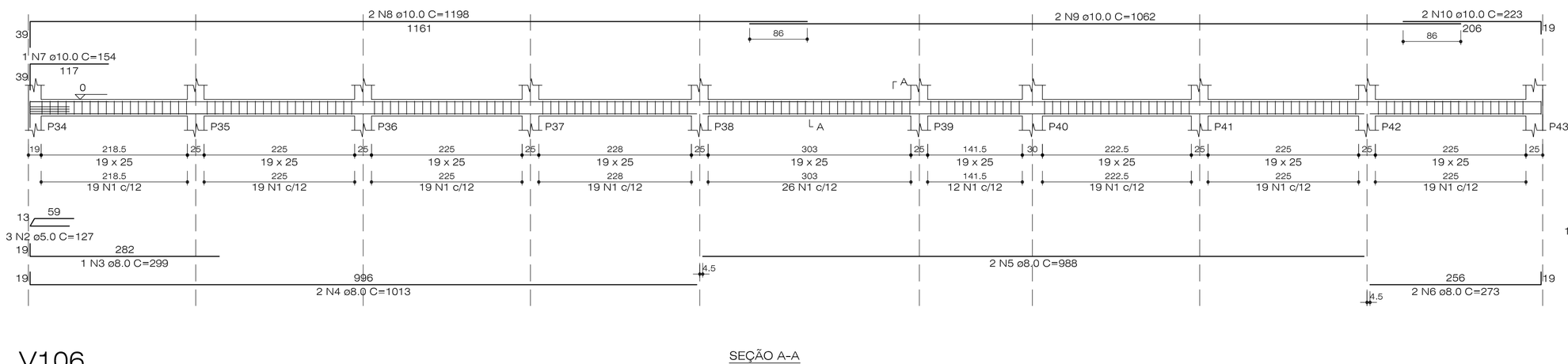
V104
ESC 1:50



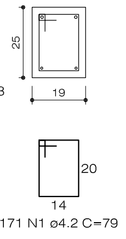
SEÇÃO A-A
ESC 1:15



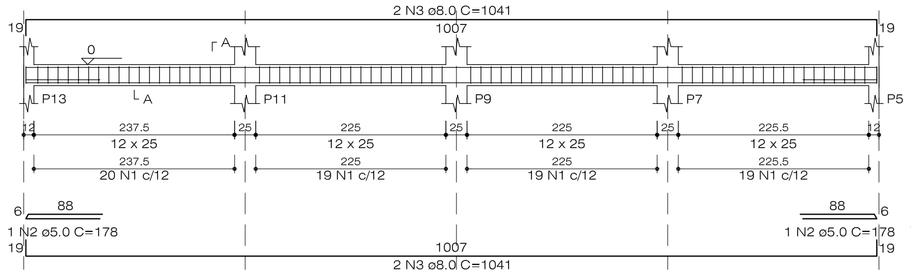
V105
ESC 1:50



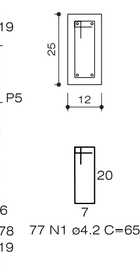
SEÇÃO A-A
ESC 1:15



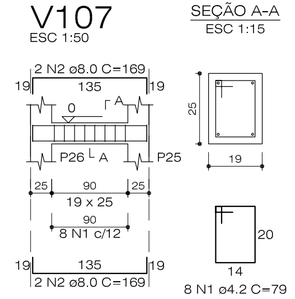
V106
ESC 1:50



SEÇÃO A-A
ESC 1:15

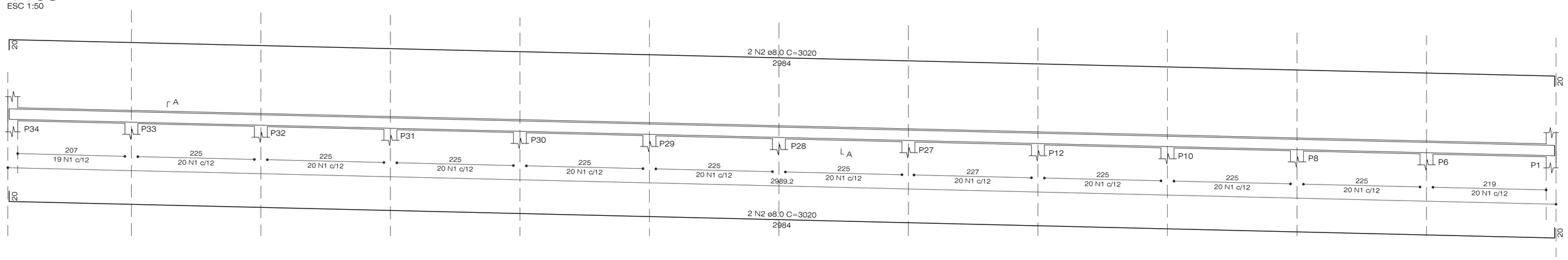


V107
ESC 1:50

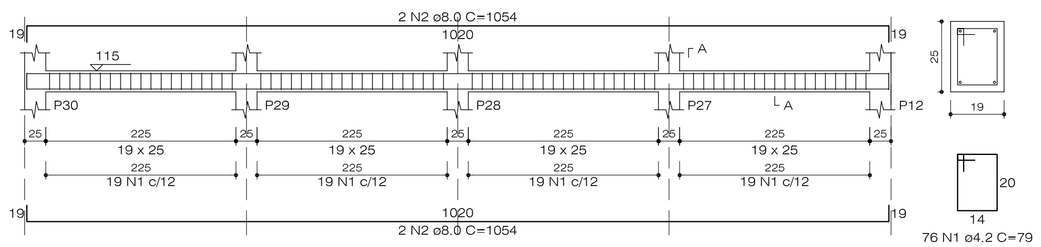


SEÇÃO A-A
ESC 1:15

V108
ESC 1:50

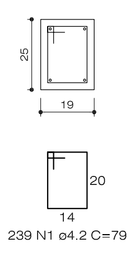


V202
ESC 1:50

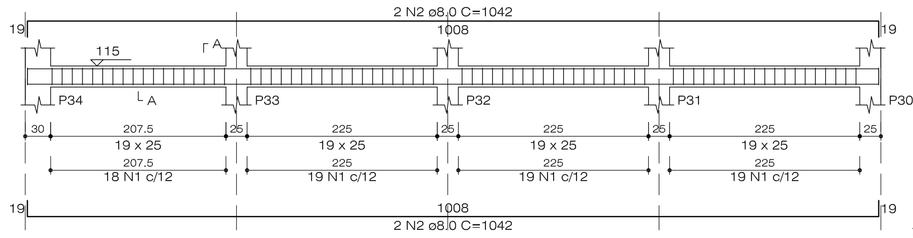


SEÇÃO A-A
ESC 1:15

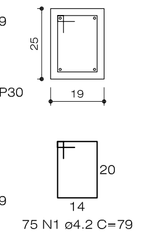
SEÇÃO A-A
ESC 1:15



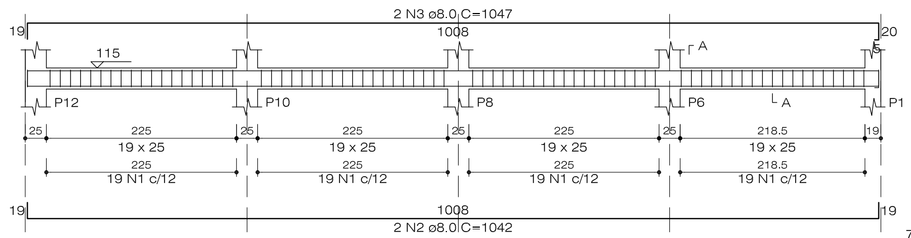
V201
ESC 1:50



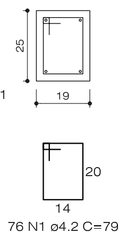
SEÇÃO A-A
ESC 1:15



V203
ESC 1:50



SEÇÃO A-A
ESC 1:15



Relação do aço

ELEMENTO	AÇO	N	DIAM (mm)	QUANT (Barras)	UNIT (cm)	C.TOTAL (cm)
V108	CA60	1	4.2	239	79	18881
	CA50	2	8.0	4	3020	12080
BALDRAME						
V101	CA60	1	4.2	74	65	4810
	CA50	2	8.0	4	1029	4116
V102	CA60	1	4.2	76	65	4940
	CA50	2	8.0	4	1054	4216
V103	CA60	1	4.2	76	65	4940
	CA50	2	8.0	4	1054	4216
V104	CA60	1	4.2	76	65	4940
	CA50	2	8.0	4	1042	4168
V105	CA60	1	4.2	171	79	13509
	CA60	2	5.0	3	127	381
	CA50	3	8.0	1	299	299
	CA50	4	8.0	2	1013	2026
	CA50	5	8.0	2	988	1976
	CA50	6	8.0	2	273	546
	CA50	7	10.0	1	154	154
	CA50	8	10.0	2	1198	2396
	CA50	9	10.0	2	1062	2124
	CA50	10	10.0	2	223	446
V106	CA60	1	4.2	77	65	5005
	CA60	2	5.0	2	178	356
	CA50	3	8.0	4	1041	4164
V107	CA60	1	4.2	8	79	632
	CA50	2	8.0	4	169	676
CINTA - APRUMO						
V201	CA60	1	4.2	75	79	5925
	CA50	2	8.0	4	1042	4168
V202	CA60	1	4.2	76	79	6004
	CA50	2	8.0	4	1054	4216
V203	CA60	1	4.2	76	79	6004
	CA50	2	8.0	2	1042	2084
	CA50	3	8.0	2	1047	2094

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8.0	510.5	221.6
	10.0	51.2	34.7
CA60	4.2	755.9	90.4
	5.0	7.4	1.2
PESO TOTAL (kg)			
CA50	256.3		
CA60	91.7		

Volume de concreto (C-20) = 5.53 m³
Área de forma = 84.02 m²

Nº	DATA	REVISÃO	EXECUTADO	APROVADO	DESENHOS DE REFERÊNCIA	NÚMEROS

CONTRATANTE
VISTO E ACEITO
ESTA ACEITAÇÃO NÃO ISENTA A CONTRATADA DAS RESPONSABILIDADES E OBRIGAÇÕES ESTABELECIDAS NO CONTRATO
ANALISADO
ACEITO
VISTO

ELABORAÇÃO
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Rua Jatai, 711 • Nova Bandeirantes • CEP 79.086 • 330
Campo Grande • MS • Fone: (67) 3042.9084
e-mail: wrj@2wlengenharia.com.br
RESP. TÉCNICO
Engº Civil - Walter Radich Júnior
CREA nº 8.039/D - MS
VISTO
RESP. TÉCNICO
Engº Civil - Luiz André Radich
CREA nº 15.500/D - MS
VISTO

DATA: AGOSTO/2016
ESCALA: INDICADA
ART: 1320160003214
PRANCHA Nº: 19/20

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CARTÓRIO ELEITORAL - CASSILÂNDIA/MS
PROJETO ESTRUTURAL
MURO DE FECHAMENTO E RAMPA DE ACESSO VEÍCULOS
ARMAÇÕES VIGAS - PARTE 1
REVISÃO 0
LOCAL: RUA OLIMPIO DIAS DOS SANTOS - QUADRA "F" - LOTES 01,04 e 28
LOTEAMENTO ALTO IZANÓPOLIS

CONFERIR MEDIDAS NO LOCAL DA OBRA