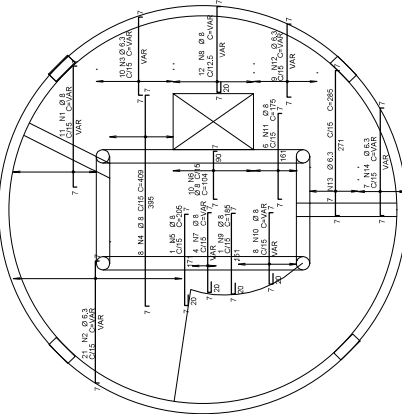


PATAMAR 01 - ARMADURA NEGATIVA HORIZONTAL
ESCALA ____ 1:50

7 N2 Ø 8,3 C/15	16 N3 Ø 8,3 C/15
N2A 273	N3A 149
N2B 303	N3B 176
N2C 327	N3C 203
N2D 321	N3D 229
N2E 308	N3E 249
N2F 308	N3F 269
N2G 308	N3G 281
N2H 308	N3H 294
N2I 308	N3I 307
N2J 308	N3J 320
N2K 308	N3K 330
N2L 308	N3L 340
N2M 308	N3M 350
N2N 308	N3N 485
N2O 308	N3O 197
N2P 308	N3P 161
N2Q 308	N3Q 142
N2R 308	N3R 142
N2S 308	N3S 142
N2T 308	N3T 142
N2U 308	N3U 142
N2V 308	N3V 142
N2W 308	N3W 142
N2X 308	N3X 142
N2Y 308	N3Y 142
N2Z 308	N3Z 142

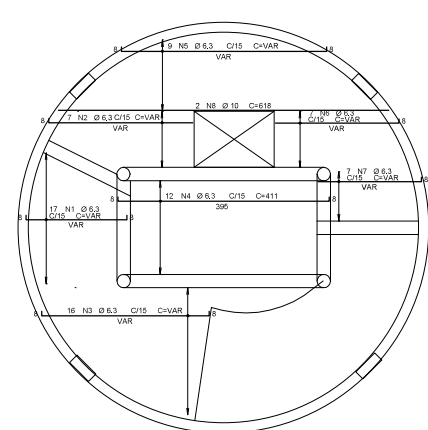


PATAMAR 01 - ARMADURA NEGATIVA VERTICAL
ESCALA ____ 1:50

11 N1 Ø 8,3 C/15	21 N2 Ø 8,3 C/15
N1A 324	N2A 234
N1B 309	N2B 209
N1C 297	N2C 197
N1D 297	N2D 197
N1E 297	N2E 197
N1F 297	N2F 197
N1G 297	N2G 197
N1H 297	N2H 197
N1I 297	N2I 197
N1J 297	N2J 197
N1K 297	N2K 197
N1L 297	N2L 197
N1M 297	N2M 197
N1N 297	N2N 197
N1O 297	N2O 197
N1P 297	N2P 197
N1Q 297	N2Q 197
N1R 297	N2R 197
N1S 297	N2S 197
N1T 297	N2T 197
N1U 297	N2U 197
N1V 297	N2V 197
N1W 297	N2W 197
N1X 297	N2X 197
N1Y 297	N2Y 197
N1Z 297	N2Z 197

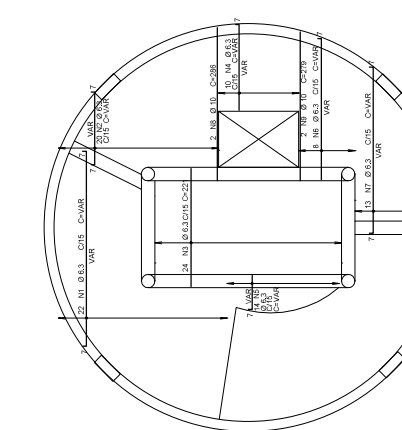
ACO	POS	BIT (mm)	QUANT	COMPRIMENTO UNIT	TOTAL
PATAMAR 01 - ARMADURA NEGATIVA HORIZONTAL					
50A	1	8	12	310	3720
50A	2	8	7	210	1470
50A	3	8	16	200	3200
50A	4	6,3	9	180	1620
50A	5	6	9	1200	10800
50A	6	6,3	5	130	650
50A	7	6,3	9	175	1575
50A	8	8	9	250	2250
50A	9	8	9	250	2250
PATAMAR 01 - ARMADURA NEGATIVA VERTICAL					
50A	1	8	11	2618	2618
50A	2	6,3	21	4662	4662
50A	3	6,3	10	1460	1460
50A	4	8	8	409	3272
50A	5	8	1	205	205
50A	6	8	10	1040	1040
50A	7	8	4	728	728
50A	8	8	12	1460	1460
50A	9	8	1	185	185
50A	10	8	8	1344	1344
50A	11	8	6	175	1050
50A	12	6,3	9	1323	1323
50A	13	6,3	7	285	1995
50A	14	6,3	7	285	1995
PATAMAR 01 - ARMADURA POSITIVA HORIZONTAL					
50A	1	6,3	17	3434	3434
50A	2	6,3	7	1848	1848
50A	3	6,3	16	4736	4736
50A	4	6,3	12	411	4932
50A	5	6,3	9	4599	4599
50A	6	6,3	7	1771	1771
50A	7	6,3	7	1463	1463
50A	8	10	2	618	1236
PATAMAR 01 - ARMADURA POSITIVA VERTICAL					
50A	1	6,3	22	7810	7810
50A	2	6,3	20	4280	4280
50A	3	6,3	24	221	5304
50A	4	6,3	10	1650	1650
50A	5	6,3	14	938	938
50A	6	6,3	8	2144	2144
50A	7	6,3	13	3328	3328
50A	8	10	2	286	572
50A	9	10	2	279	558

RESUMO AÇO CA 5040			
ACO	BIT	COMPR	PESO
(mm)		(m)	(kg)
50A	6,3	106	17
50A	6,3	635	99
50A	8	280	111
50A	10	24	15
Peso Total 60A =			17 kg
Peso Total 50A =			281 kg



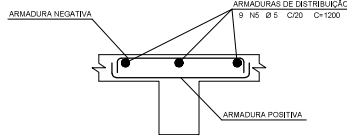
PATAMAR 01 - ARMADURA POSITIVA HORIZONTAL
ESCALA ____ 1:50

17 N1 Ø 8,3 C/15	7 N2 Ø 8,3 C/15
N1A 228	N2A 245
N1B 208	N2B 276
N1C 212	N2C 289
N1D 216	N2D 283
N1E 217	N2E 286
N1F 217	N2F 278
N1G 218	N2G 268
N1H 219	N2H 268
N1I 219	N2I 268
N1J 219	N2J 268
N1K 219	N2K 268
N1L 219	N2L 268
N1M 219	N2M 268
N1N 219	N2N 268
N1O 219	N2O 268
N1P 219	N2P 268
N1Q 219	N2Q 268
N1R 219	N2R 268
N1S 219	N2S 268
N1T 219	N2T 268
N1U 219	N2U 268
N1V 219	N2V 268
N1W 219	N2W 268
N1X 219	N2X 268
N1Y 219	N2Y 268
N1Z 219	N2Z 268

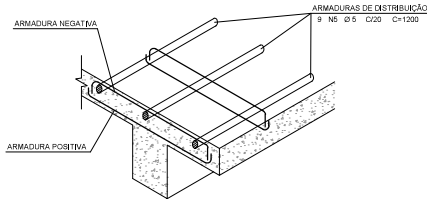


PATAMAR 01 - ARMADURA POSITIVA VERTICAL
ESCALA ____ 1:50

22 N1 Ø 8,3 C/15	20 N2 Ø 8,3 C/15
N1A 228	N2A 269
N1B 208	N2B 295
N1C 212	N2C 291
N1D 216	N2D 286
N1E 217	N2E 284
N1F 217	N2F 276
N1G 218	N2G 271
N1H 219	N2H 264
N1I 219	N2I 257
N1J 219	N2J 237
N1K 219	N2K 248
N1L 219	N2L 231
N1M 219	N2M 214
N1N 219	N2N 186
N1O 219	N2O 179
N1P 219	N2P 151
N1Q 219	N2Q 121
N1R 219	N2R 92
N1S 219	N2S 63
N1T 219	N2T 33
N1U 219	N2U 23
N1V 219	N2V 23
N1W 219	N2W 23
N1X 219	N2X 23
N1Y 219	N2Y 23
N1Z 219	N2Z 23



DETALHE TÍPICO DE FERROS DE DISTRIBUIÇÃO DE ARMADURA NEGATIVA
SEM ESCALA



inovabrazil
ENGENHARIA

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CLIENTE	PROJETO
PREFEITURA MUNICIPAL DE RANCHO QUEIMADO	CENTRO DE TURISMO
	BR 282, en. ENTRADA DO MUNICÍPIO, RANCHO QUEIMADO - SC
PROJETO EXECUTIVO	RESPONSÁVEL TÉCNICO - PROJETO
	FELIPE ZACCHI GOMEZ
	ENGENHEIRO CIVIL - CREA/SC 091914-8
TÍTULO DO DESENHO	TÍTULO DO PROJETO
ESTRUTURAL	MORANGO-DETALHAMENTO DE ARMADURAS DA LAJE DO PATAMAR 01
COORDENADORA	DATA
CAROLINA BARRETO	03/10/2018
PROJETISTA	REVISÃO
LURANYR BRITO	R1

31-ARM|34

PROJETO DE ENGENHARIA