ELEMENTOS GEOMÉTRICOS – EIXO – A

Nº	DEFLEXÃO/ AZIMUTE	LC (m)	TT (m)	TL (m)	TC (m)	R (m)	D/L (m)	AC	TE–PC	ET–PT	PONTO	PI	TE–PC	ET–PT
L1	160° 00' 48.79"	–	–	–	–	–	36,327	–	0+0,000	1+16,327	N E	–	7460603,1042 699032,7888	7460568,9654 699045,2052
C1	–	–	3,802	–	–	30,000	28,731	054° 52' 22.44"	1+16,327	3+5,058	N E	7460554,3286 699050,5286	7460568,9654 699045,2052	7460541.5529 699041,6206
L2	231° 00' 09.10"	–	–	–	–	–	5,437	–	3+19,122	4+4,559	N E	–	7460531,2918 699032,0706	7460527,8706 699027,8454
C2	–	–	0,990	–	–	50,000	19,738	022° 37' 05.71"	4+4,559	5+4,297	N E	7460521,4727 699020,1609	7460527,8706 699027,8454	7460518.5221 699010,6069
L3	252° 50' 17.15"	–	–	–	–	–	30,351	–	5+4,297	6+14,647	N E	–	7460518,5221 699010,6069	7460509,5665 698981,6076
C3	–	–	0,003	–	–	1000,000	5,116	000° 17' 35.22"	6+14,647	6+19,763	N E	7460508,8117 698979,1635	7460509,5665 698981,6076	7460508.0695 698976,7157
L4	253° 07' 52.37"	–	–	–	–	–	116,911	–	6+19,763	12+16,674	N E	–	7460508,0695 698976,7157	7460474,1442 698864,8355
C4	–	–	0,014	–	–	400,000	6,680	000° 57' 24.49"	12+16,674	13+3,354	N E	7460473,1750 698861,6393	7460474,1442 698864,8355	7460472.2594 698858,4273
L5	254° 05' 16.86"	–	–	–	–	–	152,667	–	13+3,354	20+16,021	N E	–	7460472,2594 698858,4273	7460430,4040 698711,6096
C5	–	–	0,417	–	–	200,000	25,822	007° 23' 50.47"	20+16,021	22+1,843	N E	7460426,8595 698699,1762	7460430,4040 698711,6096	7460424.9452 698686,3899
L6	261° 29' 07.34"	–	–	–	–	–	5,971	–	22+1,843	22+7,814	N E	–	7460424,9452 698686,3899	7460424,0611 698680,4846

ELEMENTOS GEOMÉTRICOS – EIXO – B

Nº	DEFLEXÃO/ AZIMUTE	LC (m)	TT (m)	TL (m)	TC (m)	R (m)	D/L (m)	AC	TE–PC	ET–PT	PONTO	PI	TE–PC	ET–PT
L7	342° 29' 34.04"	–	–	–	–	–	30,848	–	0+0,000	1+10,848	N E	–	7460560,1209 699085,5121	7460589,5396 699076,2324
C6	–	–	1,411	–	–	36,000	19,836	031° 34' 09.82"	1+10,848	2+10,683	N E	7460599,2448 699073,1710	7460589,5396 699076,2324	7460605.9110 699065,4817
L8	310° 55' 24.22"	–	–	–	–	–	10,406	–	2+10,683	3+1,089	N E	–	7460605,9110 699065,4817	7460612,7274 699057,6191
C7	–	–	2,239	–	–	8,100	10,863	076° 50' 22.56"	3+1,089	3+11,952	N E	7460616,9358 699052,7648	7460612,7274 699057,6191	7460613.1671 699047,5618
L9	234° 05' 01.66"	–	–	–	–	–	7,720	–	3+11,952	3+19,672	N E	–	7460613,1671 699047,5618	7460608,6385 699041,3094
C8	–	–	1,343	–	–	100,000	32,601	018° 40' 43.83"	3+19,672	5+12,273	N E	7460598,9911 699027,9900	7460608,6385 699041,3094	7460594.1175 699012,2824
L10	252° 45' 45.49"	–	–	–	–	–	31,809	–	5+12,273	7+4,082	N E	–	7460594,1175 699012,2824	7460584,6915 698981,9019
C9	–	–	0,038	–	–	120,000	6,044	002° 53' 08.75"	7+4,082	7+10,126	N E	7460583,7958 698979,0150	7460584,6915 698981,9019	7460583.0466 698976,0868
L11	255° 38' 54.24"	–	–	–	–	–	45,675	–	7+10,126	9+15,801	N E	–	7460583,0466 698976,0868	7460571,7250 698931,8370
C10	–	–	0,068	–	–	100,000	7,381	004° 13' 45.05"	9+15,801	10+3,183	N E	7460570,8098 698928,2599	7460571,7250 698931,8370	7460569.6332 698924,7600
L12	251° 25' 09.20"	–	–	–	–	–	50,725	–	10+3,183	12+13,908	N E	–	7460569,6332 698924,7600	7460553,4701 698876,6787
C11	–	–	0,015	–	–	100,000	3,407	001° 57' 08.39"	12+13,908	12+17,315	N E	7460552,9271 698875,0636	7460553,4701 698876,6787	7460552.4395 698873,4310
L13	253° 22' 17.59"	–	–	–	–	–	245,642	–	12+17,315	25+2,957	N E	–	7460552,4395 698873,4310	7460482,1455 698638,0614
C12	–	–	0,057	–	–	60,000	5,247	005° 00' 38.90"	25+2,957	25+8,205	N E	7460481,3943 698635,5459	7460482,1455 698638,0614	7460480.8656 698632,9743
L14	258° 22' 56.49"	–	–	–	–	–	17,481	–	25+8,205	26+5,685	N E	–	7460480,8656 698632,9743	7460477,3453 698615,8518
C13	–	–	0,848	–	–	80,000	23,193	016° 36' 39.31"	26+5,685	27+8,879	N E	7460474,9935 698604,4126	7460477,3453 698615,8518	7460469.4697 698594,1230
L15	241° 46' 17.18"	–	–	–	–	–	97,200	–	27+8,879	32+6,079	N E	–	7460469,4697 698594,1230	7460423,4951 698508,4832

ELEMENTOS GEOMÉTRICOS – EIXO – C

Nº	DEFLEXÃO/ AZIMUTE	LC (m)	TT (m)	TL (m)	TC (m)	R (m)	D/L (m)	AC	TE–PC	ET–PT	PONTO	PI	TE–PC	ET–PT
L1	038° 43' 16.24"	–	–	–	–	–	150,306	–	0+0,000	7+10,306	N E	–	7460426,6001 699137,3673	7460543,8684 699231,3881
C1	–	–	5,682	–	–	48,000	44,568	053° 11' 55.14"	7+10,306	9+14,873	N E	7460562,6212 699246,4233	7460543,8684 699231,3881	7460561.8160 699270,4458
L2	091° 55' 11.38"	–	–	–	–	–	2,778	–	9+14,873	9+17,652	N E	–	7460561,8160 699270,4458	7460561,7229 699273,2226
C2	–	–	9,440	–	–	24,000	36,975	088° 16' 13.41"	9+17,652	11+14,626	N E	7460560,9428 699296,4958	7460561,7229 699273,2226	7460537.6567 699296,4184
L3	180° 11' 24.79"	–	–	–	–	–	169,385	–	11+14,626	20+4,011	N E	–	7460537,6567 699296,4184	7460368,2729 699295,8561
C3	–	–	0,409	–	–	12,000	6,179	029° 30' 10.83"	20+4,011	20+10,190	N E	7460365,1132 699295,8456	7460368,2729 699295,8561	7460362.3685 699294,2804
L4	209° 41' 35.62"	–	–	–	–	–	23,103	–	20+10,190	21+13,293	N E	–	7460362,3685 699294,2804	7460342,2988 699282,8360

ELEMENTOS GEOMÉTRICOS – EIXO – D

Nº	DEFLEXÃO/ AZIMUTE	LC (m)	TT (m)	TL (m)	TC (m)	R (m)	D/L (m)	AC	TE–PC	ET–PT	PONTO	PI	TE–PC	ET–PT
L1	078° 48' 14.62"	–	–	–	–	–	108,651	–	0+0,000	5+8,651	N E	–	7459811,1772 699483,9874	7459832,2735 699590,5711

ELEMENTOS GEOMÉTRICOS – EIXO – E

Nº	DEFLEXÃO/ AZIMUTE	LC (m)	TT (m)	TL (m)	TC (m)	R (m)	D/L (m)	AC	TE–PC	ET–PT	PONTO	PI	TE–PC	ET–PT
L2	078° 37' 15.58"	–	–	–	–	–	93,383	–	0+0,000	4+13,383	N E	–	7459749,3821 699505,9705	7459767,8063 699597,5178

ELEMENTOS GEOMÉTRICOS – EIXO – F

Nº	DEFLEXÃO/ AZIMUTE	LC (m)	TT (m)	TL (m)	TC (m)	R (m)	D/L (m)	AC	TE–PC	ET–PT	PONTO	PI	TE–PC	ET–PT
L3	160° 25' 02.74"	–	–	–	–	–	101,045	–	0+0,000	5+1,045	N E	–	7459824,7675 699479,1528	7459729,5671 699513,0195

ELEMENTOS GEOMÉTRICOS – EIXO – G

Nº	DEFLEXÃO/ AZIMUTE	LC (m)	TT (m)	TL (m)	TC (m)	R (m)	D/L (m)	AC	TE–PC	ET–PT	PONTO	PI	TE–PC	ET–PT
L4	174° 02' 21.16"	–	–	–	–	–	58,378	–	0+0,000	2+18,378	N E	–	7459842,9880 699589,3656	7459784,9252 699595,4281
C1	–	–	0,029	–	–	400,000	9,701	001° 23' 22.48"	2+18,378	3+8,080	N E	7459780,1007 699595,9318	7459784,9252 699595,4281	7459775.2898 699596,5524
L5	172° 38' 58.68"	–	–	–	–	–	26,295	–	3+8,080	4+14,375	N E	–	7459775,2898 699596,5524	7459749,2108 699599,9165

ELEMENTOS GEOMÉTRICOS – EIXO – G INT 1

Nº	DEFLEXÃO/ AZIMUTE	LC (m)	TT (m)	TL (m)	TC (m)	R (m)	D/L (m)	AC	TE–PC	ET–PT	PONTO	PI	TE–PC	ET–PT
L8	263° 10' 23.74"	–	–	–	–	–	26,365	–	0+0,000	1+6,365	N E	–	7459815,9354 699618,6959	7459812,8014 699592,5175

ELEMENTOS GEOMÉTRICOS – EIXO – G INT 2

Nº	DEFLEXÃO/ AZIMUTE	LC (m)	TT (m)	TL (m)	TC (m)	R (m)	D/L (m)	AC	TE–PC	ET–PT	PONTO	PI	TE–PC	ET–PT
L9	263° 03' 45.36"	–	–	–	–	–	24,644	–	0+0,000	1+4,644	N E	–	7459801,5514 699618,4664	7459798,5748 699594,0029

ELEMENTOS GEOMÉTRICOS – EIXO – RETORNINHO

Nº	DEFLEXÃO/ AZIMUTE	LC (m)	TT (m)	TL (m)	TC (m)	R (m)	D/L (m)	AC	TE–PC	ET–PT	PONTO	PI	TE–PC	ET–PT
L10	173° 03' 45.36"	–	–	–	–	–	14,279	–	0+0,000	0+14,279	N E	–	7459814,2007 699604,2064	7459800,0262 699605,9311

ELEMENTOS GEOMÉTRICOS – EIXO – H

Nº	DEFLEXÃO/ AZIMUTE	LC (m)	TT (m)	TL (m)	TC (m)	R (m)	D/L (m)	AC	TE–PC	ET–PT	PONTO	PI	TE–PC	ET–PT
L6	070° 16' 49.03"	–	–	–	–	–	19,213	–	0+0,000	0+19,213	N E	–	7459793,7967 699469,7780	7459800,2795 699487,8642

ELEMENTOS GEOMÉTRICOS – EIXO – I

Nº	DEFLEXÃO/ AZIMUTE	LC (m)	TT (m)	TL (m)	TC (m)	R (m)	D/L (m)	AC	TE–PC	ET–PT	PONTO	PI	TE–PC	ET–PT
L7	070° 25' 31.51"	–	–	–	–	–	19,578	–	0+0,000	0+19,578	N E	–	7459749,5087 699485,1459	7459756,0679 699503,5921

ELEMENTOS GEOMÉTRICOS – EIXO – J

Nº	DEFLEXÃO/ AZIMUTE	LC (m)	TT (m)	TL (m)	TC (m)	R (m)	D/L (m)	AC	TE–PC	ET–PT	PONTO	PI	TE–PC	ET–PT
L16	219° 44' 26.54"	–	–	–	–	–	14,887	–	0+0,000	0+14,887	N E	–	7460478,7616 698622,7407	7460467,3147 698613,2235

ELEMENTOS GEOMÉTRICOS – EIXO – K

Nº	DEFLEXÃO/ AZIMUTE	LC (m)	TT (m)	TL (m)	TC (m)	R (m)	D/L (m)	AC	TE–PC	ET–PT	PONTO	PI	TE–PC	ET–PT
L1	206° 46' 00.19"	–	–	–	–	–	14,598	–	0+0,000	0+14,598	N E	–	7459260,2736 699802,0639	7459247,2398 699795,4896
C1	–	–	3,160	–	–	11,000	14,985	078° 03' 08.35"	0+14,598	1+9,583	N E	7459239,2792 699791,4742	7459247,2398 699795,4896	7459233.7028 699798,4311
L2	128° 42' 51.84"	–	–	–	–	–	85,524	–	1+9,583	5+15,107	N E	–	7459233,7028 699798,4311	7459180,2130 699865,1628
C2	–	–	0,030	–	–	600,000	12,013	001° 08' 49.88"	5+15,107	6+7,120	N E	7459176,4561 699869,8498	7459180,2130 699865,1628	7459172.7938 699874,6111
L3	127° 34' 01.96"	–	–	–	–	–	80,186	–	6+7,120	10+7,306	N E	–	7459172,7938 699874,6111	7459123,9050 699938,1697
C3	–	–	0,580	–	–	600,000	52,753	005° 02' 15.10"	10+7,306	13+0,059	N E	7459107,8131 699959,0901	7459123,9050 699938,1697	7459089.9465 699978,5168
L4	132° 36' 17.06"	–	–	–	–	–	32,703	–	13+0,059	14+12,762	N E	–	7459089,9465 699978,5168	7459067,8087 700002,5874
C4	–	–	0,195	–	–	600,000	30,552	002° 55' 02.93"	14+12,762	16+3,313	N E	7459057,4657 700013,8335	7459067,8087 700002,5874	7459046.5637 700024,5386
L5	135° 31' 19.99"	–	–	–	–	–	101,470	–	16+3,313	21+4,783	N E	–	7459046,5637 700024,5386	7458974,1629 700095,6315
L6	137° 07' 00.10"	–	–	–	–	–	56,298	–	21+4,783	24+1,081	N E	–	7458974,1629 700095,6315	7458932,9110 700133,9427

NOTAS GERAIS

1 - DIMENSÕES EM METROS EXCETO ONDE INDICADO.

2 - AS ESTACAS FORAM LOCALIZADAS EQUIDISTANTES COM 20,0M ENTRE SI, E NOS CASOS EM QUE AS DISTÂNCIAS NÃO PERMANEÇAM NOS 20M, SERÃO INDICADAS.

REV.	DATA	DESCRIÇÃO	
00		EMISSÃO INICIAL	
00	SET/2022	1ª MEDIÇÃO	

CONTECK

PREFEITURA MUNICIPAL DE NITERÓI
EMPRESA MUNICIPAL DE MORADIA, URBANIZAÇÃO E SANEAMENTO

NITERÓI SEMPRE À FRENTE
Empresa Municipal de Moradia, Urbanização e Saneamento – EMUSA

Área/Projeto: PROJETO BÁSICO DE PAVIMENTAÇÃO EM DE VIAS NO BAIRRO DE CAMBOINHAS - NITERÓI/RJ.

Etapa de projeto: PROJETO BÁSICO

Título: TABELAS - ELEMENTOS GEOMÉTRICOS

06|07

0034-DE-UPA-PB-001_R0

Disciplina: PAVIMENTAÇÃO URBANA

Autor do projeto: ÁTRIA V.

Responsável técnico: MÁRIO MACHADO

Nomenclatura da prancha: 0034-DE-UPA-PB-001_005

Desenhista: ÁTRIA V.

Escala: 1/5000

A1 (594x841mm)

e-Ciga

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Lincoln Thomaz Da Silveira
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Data: 08/12/2023 14:53

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