

Relatório de Volumes

Projeto: C:\PERIN\OneDrive\2-Viamétrica\4. Estrada São Marcos\2.1. Representações Gráficas\Projetos DWG\Projeto de Terraplanagem.dwg

Alinhamento: São Marcos

Grupo de Seções: SEÇÕES - São Marcos

Estaca Inicial: 0+0.000

Estaca Final: 293+0.000

<u>Estaca</u>	<u>Semi Distância (m).</u>	<u>Área de Corte (m²).</u>	<u>Volume de Corte (m³).</u>	<u>Vol. Reuso (m³).</u>	<u>Área de Aterro (m²).</u>	<u>Volume Aterro (m³).</u>	<u>Vol. Acum. Corte (m³).</u>	<u>Vol. Reuso Acum. (m³).</u>	<u>Vol. Acum. Aterro (m³).</u>	<u>Dif. Vol. Acum. (m³).</u>
0+0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1+0.000	10.00	5.07	65.88	65.88	0.00	0.00	65.88	65.88	0.00	65.88
2+0.000	10.00	9.41	188.21	188.21	0.00	0.00	254.09	254.09	0.00	254.09
3+0.000	10.00	7.39	218.41	218.41	0.00	0.00	472.50	472.50	0.00	472.50
4+0.000	10.00	4.55	155.26	155.26	0.00	0.00	627.76	627.76	0.00	627.76
5+0.000	10.00	2.33	89.43	89.43	0.09	0.88	717.19	717.19	0.88	716.31
6+0.000	10.00	0.46	36.23	36.23	0.61	6.99	753.42	753.42	7.87	745.55
7+0.000	10.00	0.00	5.98	5.98	2.73	33.37	759.40	759.40	41.24	718.16
8+0.000	10.00	0.00	0.00	0.00	5.41	81.40	759.40	759.40	122.65	636.76
9+0.000	10.00	0.00	0.00	0.00	6.16	115.71	759.40	759.40	238.36	521.04
10+0.000	10.00	0.00	0.00	0.00	5.68	118.34	759.40	759.40	356.70	402.70
11+0.000	10.00	0.00	0.00	0.00	5.28	109.59	759.40	759.40	466.29	293.11
12+0.000	10.00	0.00	0.00	0.00	4.60	98.87	759.40	759.40	565.16	194.24
13+0.000	10.00	0.00	0.00	0.00	2.60	72.07	759.40	759.40	637.23	122.17
14+0.000	10.00	0.03	0.38	0.38	1.64	42.38	759.78	759.78	679.61	80.17
15+0.000	10.00	0.67	9.07	9.07	0.28	19.20	768.86	768.86	698.81	70.05
16+0.000	10.00	3.01	47.77	47.77	0.00	2.84	816.63	816.63	701.65	114.98
17+0.000	10.00	4.25	94.29	94.29	0.00	0.00	910.91	910.91	701.65	209.26
18+0.000	10.00	3.60	101.99	101.99	0.00	0.00	1012.91	1012.91	701.65	311.26
19+0.000	10.00	3.55	92.98	92.98	0.00	0.00	1105.89	1105.89	701.65	404.24
20+0.000	10.00	4.17	100.35	100.35	0.00	0.00	1206.24	1206.24	701.65	504.59
21+0.000	10.00	5.45	125.04	125.04	0.00	0.00	1331.28	1331.28	701.65	629.63
22+0.000	10.00	7.22	164.73	164.73	0.00	0.00	1496.01	1496.01	701.65	794.36
23+0.000	10.00	9.31	214.89	214.89	0.00	0.00	1710.90	1710.90	701.65	1009.25
24+0.000	10.00	9.01	238.10	238.10	0.00	0.00	1949.00	1949.00	701.65	1247.35
25+0.000	10.00	7.58	215.65	215.65	0.00	0.00	2164.65	2164.65	701.65	1463.00
26+0.000	10.00	6.38	181.59	181.59	0.00	0.00	2346.24	2346.24	701.65	1644.59
27+0.000	10.00	5.26	151.34	151.34	0.00	0.00	2497.57	2497.57	701.65	1795.92
28+0.000	10.00	4.28	123.91	123.91	0.00	0.00	2621.49	2621.49	701.65	1919.84

29+0.000	10.00	4.73	117.14	117.14	0.00	0.00	2738.62	2738.62	701.65	2036.97
30+0.000	10.00	7.09	153.69	153.69	0.00	0.00	2892.32	2892.32	701.65	2190.67
31+0.000	10.00	8.02	196.39	196.39	0.00	0.00	3088.70	3088.70	701.65	2387.05
32+0.000	10.00	7.12	196.76	196.76	0.00	0.00	3285.46	3285.46	701.65	2583.81
33+0.000	10.00	8.05	197.22	197.22	0.00	0.00	3482.68	3482.68	701.65	2781.03
34+0.000	10.00	8.72	217.88	217.88	0.00	0.00	3700.56	3700.56	701.65	2998.91
35+0.000	10.00	4.20	168.04	168.04	0.00	0.00	3868.60	3868.60	701.65	3166.95
36+0.000	10.00	1.65	76.20	76.20	0.00	0.00	3944.80	3944.80	701.65	3243.15
37+0.000	10.00	0.00	21.42	21.42	1.55	15.68	3966.21	3966.21	717.33	3248.88
38+0.000	10.00	0.99	12.78	12.78	2.88	44.63	3978.99	3978.99	761.96	3217.03
39+0.000	10.00	1.97	38.46	38.46	5.27	81.44	4017.45	4017.45	843.41	3174.05
40+0.000	10.00	2.06	52.43	52.43	6.86	121.22	4069.88	4069.88	964.62	3105.26
41+0.000	10.00	2.15	54.74	54.74	7.63	144.90	4124.62	4124.62	1109.52	3015.11
42+0.000	10.00	2.23	56.92	56.92	8.55	161.80	4181.54	4181.54	1271.32	2910.23
43+0.000	10.00	2.31	58.97	58.97	7.16	157.02	4240.51	4240.51	1428.34	2812.17
44+0.000	10.00	2.38	60.89	60.89	5.36	125.14	4301.40	4301.40	1553.47	2747.92
45+0.000	10.00	2.78	67.01	67.01	3.71	90.64	4368.41	4368.41	1644.11	2724.30
46+0.000	10.00	2.39	67.15	67.15	1.30	50.02	4435.55	4435.55	1694.13	2741.43
47+0.000	10.00	2.71	66.26	66.26	0.02	13.16	4501.82	4501.82	1707.29	2794.53
48+0.000	10.00	3.00	73.92	73.92	0.20	2.22	4575.73	4575.73	1709.51	2866.22
49+0.000	10.00	1.31	55.81	55.81	0.66	8.71	4631.54	4631.54	1718.22	2913.32
50+0.000	10.00	1.61	37.84	37.84	0.31	9.87	4669.38	4669.38	1728.09	2941.29
51+0.000	10.00	2.37	51.59	51.59	0.01	3.28	4720.97	4720.97	1731.37	2989.60
52+0.000	10.00	1.43	49.26	49.26	0.05	0.64	4770.23	4770.23	1732.00	3038.22
53+0.000	10.00	0.75	28.26	28.26	0.19	2.47	4798.48	4798.48	1734.48	3064.01
54+0.000	10.00	0.95	22.04	22.04	0.67	8.76	4820.52	4820.52	1743.24	3077.28
55+0.000	10.00	1.37	30.12	30.12	0.28	9.68	4850.64	4850.64	1752.91	3097.72
56+0.000	10.00	1.54	37.70	37.70	0.09	3.77	4888.34	4888.34	1756.68	3131.66
57+0.000	10.00	1.91	44.71	44.71	0.00	0.91	4933.05	4933.05	1757.59	3175.46
58+0.000	10.00	2.61	58.64	58.64	0.00	0.00	4991.69	4991.69	1757.59	3234.10
59+0.000	10.00	2.73	69.32	69.32	0.00	0.00	5061.00	5061.00	1757.59	3303.42
60+0.000	10.00	3.80	84.85	84.85	0.00	0.00	5145.85	5145.85	1757.59	3388.26
61+0.000	10.00	3.88	99.77	99.77	0.00	0.00	5245.62	5245.62	1757.59	3488.03
62+0.000	10.00	3.05	89.92	89.92	0.00	0.01	5335.54	5335.54	1757.60	3577.94
63+0.000	10.00	2.86	76.69	76.69	0.00	0.05	5412.23	5412.23	1757.66	3654.57
64+0.000	10.00	2.76	72.99	72.99	0.00	0.04	5485.22	5485.22	1757.70	3727.52
65+0.000	10.00	2.65	70.30	70.30	0.00	0.00	5555.52	5555.52	1757.70	3797.82
66+0.000	10.00	4.63	94.65	94.65	0.00	0.00	5650.17	5650.17	1757.70	3892.47
67+0.000	10.00	2.86	97.42	97.42	0.00	0.00	5747.59	5747.59	1757.70	3989.89
68+0.000	10.00	3.40	81.42	81.42	0.00	0.00	5829.01	5829.01	1757.70	4071.31
69+0.000	10.00	2.87	81.47	81.47	0.00	0.00	5910.48	5910.48	1757.70	4152.78

70+0.000	10.00	3.56	83.57	83.57	0.00	0.00	5994.05	5994.05	1757.70	4236.35
71+0.000	10.00	5.22	114.20	114.20	0.00	0.00	6108.24	6108.24	1757.70	4350.55
72+0.000	10.00	7.44	164.60	164.60	0.00	0.00	6272.84	6272.84	1757.70	4515.14
73+0.000	10.00	9.59	221.42	221.42	0.00	0.00	6494.27	6494.27	1757.70	4736.57
74+0.000	10.00	10.15	256.66	256.66	0.00	0.00	6750.93	6750.93	1757.70	4993.23
75+0.000	10.00	11.52	281.70	281.70	0.00	0.00	7032.63	7032.63	1757.70	5274.93
76+0.000	10.00	12.37	310.64	310.64	0.00	0.00	7343.27	7343.27	1757.70	5585.57
77+0.000	10.00	7.93	263.90	263.90	0.11	1.15	7607.17	7607.17	1758.85	5848.32
78+0.000	10.00	7.82	204.75	204.75	0.00	1.19	7811.92	7811.92	1760.03	6051.89
79+0.000	10.00	12.38	262.61	262.61	0.00	0.04	8074.53	8074.53	1760.07	6314.46
80+0.000	10.00	6.79	249.19	249.19	0.00	0.00	8323.72	8323.72	1760.07	6563.65
81+0.000	10.00	0.00	88.51	88.51	5.13	51.23	8412.23	8412.23	1811.30	6600.94
82+0.000	10.00	0.00	0.00	0.00	7.16	122.57	8412.23	8412.23	1933.87	6478.36
83+0.000	10.00	0.00	0.00	0.00	6.48	135.38	8412.23	8412.23	2069.25	6342.98
84+0.000	10.00	8.16	107.04	107.04	1.55	79.48	8519.27	8519.27	2148.74	6370.54
85+0.000	10.00	15.31	304.56	304.56	0.00	15.44	8823.84	8823.84	2164.17	6659.66
86+0.000	10.00	17.09	419.37	419.37	0.00	0.00	9243.21	9243.21	2164.17	7079.03
87+0.000	10.00	10.86	360.94	360.94	0.12	1.25	9604.15	9604.15	2165.42	7438.73
88+0.000	10.00	11.92	294.31	294.31	0.00	1.25	9898.46	9898.46	2166.67	7731.79
89+0.000	10.00	10.26	290.03	290.03	0.00	0.00	10188.49	10188.49	2166.67	8021.82
90+0.000	10.00	5.38	204.44	204.44	0.00	0.00	10392.93	10392.93	2166.67	8226.26
91+0.000	10.00	1.44	88.79	88.79	0.00	0.00	10481.72	10481.72	2166.67	8315.05
92+0.000	10.00	0.00	18.75	18.75	4.15	41.54	10500.47	10500.47	2208.21	8292.26
93+0.000	10.00	0.00	0.00	0.00	2.94	70.93	10500.47	10500.47	2279.13	8221.34
94+0.000	10.00	2.81	36.47	36.47	0.00	29.38	10536.94	10536.94	2308.52	8228.42
95+0.000	10.00	4.81	98.90	98.90	0.00	0.00	10635.83	10635.83	2308.52	8327.32
96+0.000	10.00	3.39	106.32	106.32	0.00	0.00	10742.15	10742.15	2308.52	8433.63
97+0.000	10.00	1.46	62.74	62.74	0.36	3.70	10804.89	10804.89	2312.21	8492.67
98+0.000	10.00	0.46	24.73	24.73	1.89	22.83	10829.62	10829.62	2335.05	8494.57
99+0.000	10.00	0.00	5.97	5.97	2.56	44.55	10835.58	10835.58	2379.60	8455.99
100+0.000	10.00	0.00	0.00	0.00	3.48	60.41	10835.58	10835.58	2440.01	8395.57
101+0.000	10.00	0.00	0.00	0.00	4.58	80.60	10835.58	10835.58	2520.61	8314.97
102+0.000	10.00	0.00	0.00	0.00	5.80	103.77	10835.58	10835.58	2624.38	8211.20
103+0.000	10.00	0.00	0.00	0.00	7.09	128.90	10835.58	10835.58	2753.28	8082.30
104+0.000	10.00	0.00	0.00	0.00	8.93	160.22	10835.58	10835.58	2913.50	7922.08
105+0.000	10.00	0.00	0.00	0.00	9.00	179.31	10835.58	10835.58	3092.81	7742.77
106+0.000	10.00	0.00	0.00	0.00	5.87	148.86	10835.58	10835.58	3241.67	7593.92
107+0.000	10.00	0.41	5.34	5.34	0.64	65.42	10840.92	10840.92	3307.09	7533.83
108+0.000	10.00	4.73	66.66	66.66	0.00	6.49	10907.58	10907.58	3313.58	7594.00
109+0.000	10.00	6.18	141.47	141.47	0.00	0.00	11049.05	11049.05	3313.58	7735.47
110+0.000	10.00	5.78	155.46	155.46	0.00	0.00	11204.51	11204.51	3313.58	7890.93

111+0.000	10.00	5.43	145.72	145.72	0.00	0.00	11350.22	11350.22	3313.58	8036.64
112+0.000	10.00	5.13	137.27	137.27	0.00	0.00	11487.49	11487.49	3313.58	8173.92
113+0.000	10.00	4.86	129.87	129.87	0.01	0.06	11617.37	11617.37	3313.64	8303.73
114+0.000	10.00	4.66	123.74	123.74	0.09	0.99	11741.10	11741.10	3314.63	8426.47
115+0.000	10.00	4.91	124.33	124.33	0.00	0.93	11865.43	11865.43	3315.57	8549.87
116+0.000	10.00	4.96	128.20	128.20	0.00	0.00	11993.63	11993.63	3315.57	8678.06
117+0.000	10.00	5.12	131.00	131.00	0.00	0.00	12124.63	12124.63	3315.57	8809.07
118+0.000	10.00	5.30	135.49	135.49	0.00	0.00	12260.12	12260.12	3315.57	8944.55
119+0.000	10.00	5.47	139.98	139.98	0.00	0.00	12400.10	12400.10	3315.57	9084.53
120+0.000	10.00	5.64	144.38	144.38	0.00	0.00	12544.48	12544.48	3315.57	9228.92
121+0.000	10.00	5.85	149.31	149.31	0.00	0.00	12693.79	12693.79	3315.57	9378.23
122+0.000	10.00	6.27	157.51	157.51	0.00	0.00	12851.31	12851.31	3315.57	9535.74
123+0.000	10.00	9.45	204.33	204.33	0.00	0.00	13055.64	13055.64	3315.57	9740.07
124+0.000	10.00	14.52	311.52	311.52	0.00	0.00	13367.16	13367.16	3315.57	10051.59
125+0.000	10.00	13.92	369.62	369.62	0.00	0.00	13736.78	13736.78	3315.57	10421.21
126+0.000	10.00	10.43	319.21	319.21	0.00	0.00	14055.98	14055.98	3315.57	10740.42
127+0.000	10.00	5.32	206.41	206.41	0.00	0.00	14262.40	14262.40	3315.57	10946.83
128+0.000	10.00	0.00	70.11	70.11	1.62	15.92	14332.50	14332.50	3331.49	11001.02
129+0.000	10.00	0.00	0.00	0.00	0.76	23.76	14332.50	14332.50	3355.25	10977.26
130+0.000	10.00	6.03	78.38	78.38	0.00	7.57	14410.88	14410.88	3362.81	11048.07
131+0.000	10.00	10.98	221.06	221.06	0.00	0.00	14631.94	14631.94	3362.81	11269.13
132+0.000	10.00	10.50	279.21	279.21	0.00	0.00	14911.15	14911.15	3362.81	11548.34
133+0.000	10.00	4.83	199.30	199.30	0.00	0.00	15110.45	15110.45	3362.82	11747.64
134+0.000	10.00	0.51	69.35	69.35	1.68	16.83	15179.80	15179.80	3379.64	11800.15
135+0.000	10.00	0.00	6.57	6.57	5.99	76.75	15186.37	15186.37	3456.39	11729.98
136+0.000	10.00	0.00	0.00	0.00	3.64	96.36	15186.37	15186.37	3552.76	11633.61
137+0.000	10.00	0.10	1.29	1.29	0.99	46.41	15187.66	15187.66	3599.16	11588.50
138+0.000	10.00	0.63	9.40	9.40	0.04	10.34	15197.06	15197.06	3609.50	11587.56
139+0.000	10.00	2.32	38.15	38.15	0.00	0.41	15235.21	15235.21	3609.91	11625.30
140+0.000	10.00	2.90	67.73	67.73	1.25	12.31	15302.94	15302.94	3622.22	11680.72
141+0.000	10.00	3.75	86.51	86.51	0.00	12.31	15389.45	15389.45	3634.53	11754.92
142+0.000	10.00	3.52	94.80	94.80	6.35	62.43	15484.24	15484.24	3696.95	11787.29
143+0.000	10.00	3.06	85.79	85.79	0.00	62.43	15570.03	15570.03	3759.38	11810.65
144+0.000	10.00	4.41	97.08	97.08	0.00	0.00	15667.11	15667.11	3759.38	11907.73
145+0.000	10.00	5.71	131.56	131.56	0.00	0.00	15798.67	15798.67	3759.38	12039.29
146+0.000	10.00	6.32	156.43	156.43	0.00	0.00	15955.10	15955.10	3759.38	12195.72
147+0.000	10.00	6.61	168.13	168.13	0.00	0.00	16123.23	16123.23	3759.38	12363.86
148+0.000	10.00	5.54	157.99	157.99	0.00	0.00	16281.22	16281.22	3759.38	12521.84
149+0.000	10.00	4.45	129.87	129.87	0.23	2.34	16411.09	16411.09	3761.72	12649.38
150+0.000	10.00	3.58	104.46	104.46	0.81	10.40	16515.55	16515.55	3772.12	12743.44
151+0.000	10.00	3.19	88.03	88.03	0.78	15.90	16603.59	16603.59	3788.02	12815.57

152+0.000	10.00	4.54	100.50	100.50	0.13	9.12	16704.08	16704.08	3797.14	12906.94
153+0.000	10.00	6.55	144.23	144.23	0.00	1.28	16848.31	16848.31	3798.42	13049.89
154+0.000	10.00	1.88	109.54	109.54	1.40	13.98	16957.85	16957.85	3812.40	13145.45
155+0.000	10.00	0.10	25.64	25.64	4.62	60.19	16983.49	16983.49	3872.58	13110.91
156+0.000	10.00	0.00	1.30	1.30	7.86	124.80	16984.79	16984.79	3997.38	12987.41
157+0.000	10.00	0.00	0.10	0.10	8.94	167.97	16984.89	16984.89	4165.35	12819.55
158+0.000	10.00	0.01	0.14	0.14	10.09	190.27	16985.03	16985.03	4355.61	12629.42
159+0.000	10.00	0.01	0.23	0.23	8.74	188.32	16985.27	16985.27	4543.93	12441.34
160+0.000	10.00	0.49	6.49	6.49	2.40	111.45	16991.76	16991.76	4655.38	12336.38
161+0.000	10.00	0.73	15.82	15.82	9.35	117.58	17007.57	17007.57	4772.95	12234.62
162+0.000	10.00	0.93	21.58	21.58	18.70	280.54	17029.15	17029.15	5053.50	11975.66
163+0.000	10.00	1.12	26.69	26.69	25.92	446.19	17055.84	17055.84	5499.69	11556.16
164+0.000	10.00	1.31	31.55	31.55	29.26	551.78	17087.40	17087.40	6051.47	11035.93
165+0.000	10.00	1.48	36.24	36.24	32.69	619.50	17123.63	17123.63	6670.97	10452.66
166+0.000	10.00	1.65	40.74	40.74	36.29	689.83	17164.37	17164.37	7360.80	9803.57
167+0.000	10.00	1.81	45.06	45.06	40.39	766.77	17209.44	17209.44	8127.58	9081.86
168+0.000	10.00	1.97	49.20	49.20	44.45	848.41	17258.64	17258.64	8975.98	8282.66
169+0.000	10.00	2.12	53.16	53.16	46.52	909.70	17311.80	17311.80	9885.68	7426.12
170+0.000	10.00	2.26	56.94	56.94	37.31	838.28	17368.73	17368.73	10723.96	6644.77
171+0.000	10.00	2.39	60.52	60.52	27.89	652.02	17429.26	17429.26	11375.98	6053.28
172+0.000	10.00	2.52	63.92	63.92	19.23	471.18	17493.18	17493.18	11847.16	5646.02
173+0.000	10.00	2.64	67.13	67.13	12.44	316.65	17560.31	17560.31	12163.80	5396.50
174+0.000	10.00	2.75	70.14	70.14	8.09	205.27	17630.45	17630.45	12369.07	5261.38
175+0.000	10.00	2.86	72.98	72.98	4.61	127.01	17703.43	17703.43	12496.08	5207.35
176+0.000	10.00	2.96	75.71	75.71	2.37	69.80	17779.13	17779.13	12565.87	5213.26
177+0.000	10.00	3.28	81.19	81.19	1.21	35.79	17860.32	17860.32	12601.66	5258.66
178+0.000	10.00	4.09	95.80	95.80	0.34	15.49	17956.13	17956.13	12617.15	5338.97
179+0.000	10.00	9.20	172.78	172.78	0.00	3.41	18128.91	18128.91	12620.56	5508.35
180+0.000	10.00	13.20	291.20	291.20	0.00	0.00	18420.11	18420.11	12620.56	5799.55
181+0.000	10.00	16.11	381.00	381.00	0.00	0.00	18801.11	18801.11	12620.56	6180.55
182+0.000	10.00	18.51	450.09	450.09	0.00	0.00	19251.20	19251.20	12620.56	6630.65
183+0.000	10.00	18.17	476.81	476.81	0.00	0.00	19728.01	19728.01	12620.56	7107.45
184+0.000	10.00	16.57	451.54	451.54	0.00	0.00	20179.55	20179.55	12620.56	7558.99
185+0.000	10.00	16.34	427.76	427.76	0.00	0.00	20607.31	20607.31	12620.56	7986.75
186+0.000	10.00	20.17	474.55	474.55	0.00	0.00	21081.86	21081.86	12620.56	8461.31
187+0.000	10.00	15.87	468.48	468.48	0.00	0.00	21550.34	21550.34	12620.56	8929.79
188+0.000	10.00	11.45	355.19	355.19	0.00	0.00	21905.54	21905.54	12620.56	9284.98
189+0.000	10.00	7.77	249.91	249.91	0.00	0.00	22155.44	22155.44	12620.56	9534.88
190+0.000	10.00	5.05	166.63	166.63	0.34	3.37	22322.08	22322.08	12623.92	9698.15
191+0.000	10.00	3.11	106.09	106.09	1.00	13.39	22428.16	22428.16	12637.31	9790.85
192+0.000	10.00	1.46	59.39	59.39	1.73	27.35	22487.55	22487.55	12664.66	9822.88

193+0.000	10.00	0.12	20.50	20.50	2.72	44.53	22508.05	22508.05	12709.19	9798.86
194+0.000	10.00	0.00	1.59	1.59	4.08	67.98	22509.64	22509.64	12777.17	9732.47
195+0.000	10.00	0.00	0.00	0.00	3.96	80.39	22509.64	22509.64	12857.56	9652.08
196+0.000	10.00	0.00	0.00	0.00	8.86	127.78	22509.64	22509.64	12985.34	9524.30
197+0.000	10.00	0.00	0.00	0.00	11.67	204.50	22509.64	22509.64	13189.84	9319.80
198+0.000	10.00	0.00	0.00	0.00	11.24	228.58	22509.64	22509.64	13418.41	9091.23
199+0.000	10.00	0.00	0.00	0.00	10.89	221.33	22509.64	22509.64	13639.74	8869.90
200+0.000	10.00	0.00	0.00	0.00	10.38	212.74	22509.64	22509.64	13852.48	8657.16
201+0.000	10.00	0.00	0.00	0.00	9.71	200.92	22509.64	22509.64	14053.40	8456.24
202+0.000	10.00	0.00	0.00	0.00	9.03	187.37	22509.64	22509.64	14240.77	8268.87
203+0.000	10.00	0.00	0.00	0.00	8.46	174.87	22509.64	22509.64	14415.65	8093.99
204+0.000	10.00	0.00	0.00	0.00	7.99	164.47	22509.64	22509.64	14580.12	7929.52
205+0.000	10.00	0.00	0.00	0.00	7.63	156.17	22509.64	22509.64	14736.29	7773.35
206+0.000	10.00	0.00	0.00	0.00	7.36	149.92	22509.64	22509.64	14886.21	7623.43
207+0.000	10.00	0.00	0.00	0.00	6.19	135.53	22509.64	22509.64	15021.75	7487.89
208+0.000	10.00	0.00	0.00	0.00	4.88	110.67	22509.64	22509.64	15132.42	7377.22
209+0.000	10.00	0.00	0.00	0.00	3.48	83.58	22509.64	22509.64	15216.00	7293.64
210+0.000	10.00	0.12	1.53	1.53	2.08	55.58	22511.17	22511.17	15271.58	7239.59
211+0.000	10.00	0.13	3.28	3.28	1.56	36.42	22514.45	22514.45	15308.01	7206.44
212+0.000	10.00	0.00	1.75	1.75	5.37	69.30	22516.20	22516.20	15377.30	7138.90
213+0.000	10.00	0.00	0.00	0.00	9.50	148.67	22516.20	22516.20	15525.97	6990.23
214+0.000	10.00	0.00	0.00	0.00	13.96	234.66	22516.20	22516.20	15760.63	6755.57
215+0.000	10.00	0.00	0.00	0.00	18.17	321.37	22516.20	22516.20	16082.00	6434.20
216+0.000	10.00	0.00	0.00	0.00	15.48	336.30	22516.20	22516.20	16418.30	6097.89
217+0.000	10.00	0.00	0.00	0.00	7.88	233.22	22516.20	22516.20	16651.53	5864.67
218+0.000	10.00	0.40	5.24	5.24	0.85	87.07	22521.44	22521.44	16738.60	5782.84
219+0.000	10.00	6.07	84.37	84.37	0.00	8.46	22605.81	22605.81	16747.06	5858.74
220+0.000	10.00	3.90	130.04	130.04	0.00	0.00	22735.85	22735.85	16747.06	5988.78
221+0.000	10.00	0.51	57.59	57.59	0.26	2.58	22793.43	22793.43	16749.64	6043.79
222+0.000	10.00	0.50	13.16	13.16	0.66	9.08	22806.59	22806.59	16758.71	6047.88
223+0.000	10.00	1.32	23.72	23.72	0.15	7.99	22830.31	22830.31	16766.70	6063.61
224+0.000	10.00	3.16	58.46	58.46	0.00	1.49	22888.77	22888.77	16768.19	6120.58
225+0.000	10.00	5.73	115.69	115.69	0.00	0.00	23004.46	23004.46	16768.19	6236.27
226+0.000	10.00	10.58	211.96	211.96	0.00	0.00	23216.43	23216.43	16768.19	6448.23
227+0.000	10.00	11.83	291.45	291.45	0.00	0.00	23507.87	23507.87	16768.19	6739.68
228+0.000	10.00	9.91	282.50	282.50	0.00	0.00	23790.38	23790.38	16768.19	7022.19
229+0.000	10.00	7.58	227.31	227.31	0.00	0.00	24017.69	24017.69	16768.19	7249.50
230+0.000	10.00	5.85	174.30	174.30	0.00	0.00	24191.99	24191.99	16768.19	7423.80
231+0.000	10.00	9.21	195.74	195.74	0.00	0.00	24387.72	24387.72	16768.19	7619.53
232+0.000	10.00	8.25	227.01	227.01	0.00	0.00	24614.74	24614.74	16768.19	7846.54
233+0.000	10.00	6.62	193.29	193.29	0.00	0.00	24808.02	24808.02	16768.19	8039.83

234+0.000	10.00	5.21	153.80	153.80	0.00	0.00	24961.82	24961.82	16768.19	8193.63
235+0.000	10.00	4.20	122.30	122.30	0.00	0.00	25084.12	25084.12	16768.19	8315.93
236+0.000	10.00	7.17	148.58	148.58	0.00	0.00	25232.70	25232.70	16768.19	8464.51
237+0.000	10.00	9.27	215.36	215.36	0.00	0.00	25448.06	25448.06	16768.19	8679.87
238+0.000	10.00	10.74	262.40	262.40	0.00	0.00	25710.46	25710.46	16768.19	8942.27
239+0.000	10.00	15.23	342.86	342.86	0.00	0.00	26053.32	26053.32	16768.19	9285.13
240+0.000	10.00	19.51	451.60	451.60	0.00	0.00	26504.92	26504.92	16768.19	9736.73
241+0.000	10.00	12.43	412.53	412.53	0.00	0.00	26917.45	26917.45	16768.19	10149.26
242+0.000	10.00	0.65	169.10	169.10	0.01	0.12	27086.55	27086.55	16768.31	10318.24
243+0.000	10.00	0.00	8.40	8.40	8.56	86.71	27094.95	27094.95	16855.02	10239.93
244+0.000	10.00	0.00	0.00	0.00	16.22	253.32	27094.95	27094.95	17108.35	9986.61
245+0.000	10.00	0.00	0.00	0.00	21.11	384.57	27094.95	27094.95	17492.92	9602.03
246+0.000	10.00	0.00	0.00	0.00	15.05	374.03	27094.95	27094.95	17866.95	9228.00
247+0.000	10.00	1.72	22.14	22.14	0.05	153.78	27117.10	27117.10	18020.73	9096.37
248+0.000	10.00	13.98	204.05	204.05	0.00	0.54	27321.15	27321.15	18021.27	9299.88
249+0.000	10.00	16.28	393.35	393.35	0.00	0.00	27714.50	27714.50	18021.27	9693.23
250+0.000	10.00	11.33	358.95	358.95	0.00	0.00	28073.44	28073.44	18021.27	10052.17
251+0.000	10.00	6.89	236.87	236.87	0.78	7.82	28310.31	28310.31	18029.09	10281.22
252+0.000	10.00	4.90	152.43	152.43	0.73	15.35	28462.74	28462.74	18044.44	10418.30
253+0.000	10.00	3.07	103.60	103.60	0.11	8.43	28566.33	28566.33	18052.87	10513.46
254+0.000	10.00	1.46	58.87	58.87	0.34	4.46	28625.21	28625.21	18057.34	10567.87
255+0.000	10.00	0.36	23.55	23.55	1.46	18.00	28648.76	28648.76	18075.34	10573.42
256+0.000	10.00	0.00	4.56	4.56	4.90	63.83	28653.31	28653.31	18139.16	10514.15
257+0.000	10.00	0.00	0.00	0.00	7.68	126.06	28653.31	28653.31	18265.22	10388.09
258+0.000	10.00	0.00	0.00	0.00	9.23	169.27	28653.31	28653.31	18434.49	10218.82
259+0.000	10.00	0.00	0.00	0.00	9.37	185.96	28653.31	28653.31	18620.45	10032.87
260+0.000	10.00	0.00	0.00	0.00	4.84	141.83	28653.31	28653.31	18762.28	9891.03
261+0.000	10.00	2.99	39.93	39.93	0.39	51.82	28693.24	28693.24	18814.10	9879.14
262+0.000	10.00	8.86	155.39	155.39	0.00	3.77	28848.63	28848.63	18817.88	10030.75
263+0.000	10.00	13.30	288.38	288.38	0.00	0.00	29137.01	29137.01	18817.88	10319.13
264+0.000	10.00	16.20	383.56	383.56	0.00	0.00	29520.57	29520.57	18817.88	10702.69
265+0.000	10.00	13.02	379.93	379.93	0.00	0.00	29900.50	29900.50	18817.88	11082.62
266+0.000	10.00	7.46	266.34	266.34	0.00	0.00	30166.84	30166.84	18817.88	11348.96
267+0.000	10.00	3.72	145.42	145.42	0.00	0.00	30312.26	30312.26	18817.88	11494.38
268+0.000	10.00	6.46	132.33	132.33	0.00	0.00	30444.59	30444.59	18817.88	11626.71
269+0.000	10.00	9.51	207.62	207.62	0.00	0.00	30652.21	30652.21	18817.88	11834.33
270+0.000	10.00	11.07	267.53	267.53	0.00	0.00	30919.73	30919.73	18817.88	12101.86
271+0.000	10.00	9.94	273.13	273.13	0.00	0.00	31192.87	31192.87	18817.88	12374.99
272+0.000	10.00	7.89	231.80	231.80	0.00	0.00	31424.67	31424.67	18817.88	12606.79
273+0.000	10.00	5.61	175.43	175.43	0.01	0.11	31600.10	31600.10	18817.98	12782.12
274+0.000	10.00	0.19	75.32	75.32	1.00	10.13	31675.42	31675.42	18828.11	12847.31

275+0.000	10.00	0.00	2.42	2.42	3.10	41.06	31677.84	31677.84	18869.17	12808.67
276+0.000	10.00	2.17	28.18	28.18	2.86	59.68	31706.03	31706.03	18928.86	12777.17
277+0.000	10.00	2.60	61.94	61.94	4.34	72.05	31767.97	31767.97	19000.90	12767.06
278+0.000	10.00	2.63	67.96	67.96	5.81	101.54	31835.93	31835.93	19102.44	12733.49
279+0.000	10.00	2.66	68.78	68.78	7.36	131.78	31904.71	31904.71	19234.22	12670.49
280+0.000	10.00	2.69	69.58	69.58	8.58	159.48	31974.29	31974.29	19393.70	12580.59
281+0.000	10.00	2.73	70.54	70.54	8.11	166.90	32044.83	32044.83	19560.60	12484.23
282+0.000	10.00	2.79	71.75	71.75	6.57	146.76	32116.58	32116.58	19707.36	12409.22
283+0.000	10.00	2.85	73.21	73.21	4.07	106.34	32189.79	32189.79	19813.70	12376.09
284+0.000	10.00	2.91	74.84	74.84	1.99	60.54	32264.63	32264.63	19874.24	12390.39
285+0.000	10.00	1.54	57.80	57.80	0.69	26.76	32322.43	32322.43	19901.00	12421.43
286+0.000	10.00	0.33	24.25	24.25	0.39	10.81	32346.69	32346.69	19911.81	12434.88
287+0.000	10.00	3.72	52.69	52.69	0.00	3.94	32399.37	32399.37	19915.75	12483.63
288+0.000	10.00	4.70	109.44	109.44	0.00	0.00	32508.81	32508.81	19915.75	12593.07
289+0.000	10.00	4.91	124.81	124.81	0.00	0.00	32633.62	32633.62	19915.75	12717.87
290+0.000	10.00	5.06	129.53	129.53	0.00	0.00	32763.15	32763.15	19915.75	12847.41
291+0.000	10.00	5.15	132.74	132.74	0.00	0.00	32895.89	32895.89	19915.75	12980.15
292+0.000	10.00	5.18	134.37	134.37	0.00	0.00	33030.26	33030.26	19915.75	13114.52
293+0.000	10.00	4.98	132.19	132.19	0.00	0.00	33162.45	33162.45	19915.75	13246.71