Tabla 1.6.2 –Volumen con previa después de limpieza

P.K.	Área de desmonte (metros cuadrados)	Volumen de desmonte (metros cúbicos)	Área de terraplén (metros cuadrados)	Volumen de terraplén (metros cúbicos)	Vol. terraplén acumul. (metros cúbicos)
-	-	-	-	-	-
0+180.000	0	0	15.26	0	0
0+200.000	0	10	19.56	348.1	348.1
0+220.000	0	10	24.29	438.4	786.51
0+220.000	0	0	24.29	242.85	242.85
0+240.000	0	0	21.66	459.46	702.32
0+260.000	0	0	22.74	443.96	1146.28
0+280.000	0	0	22.43	451.71	1597.98
0+300.000	0	0	23.31	457.46	2055.45
0+320.000	0	0	24.05	473.6	2529.05
0+340.000	0	0	34.47	585.18	3114.23
0+360.000	0	0	44.82	792.57	3906.8
0+380.000	0	0	49.4	941.86	4848.66
0+400.000	0	0	60.06	1094.42	5943.07
0+420.000	0	0	66.12	1261.66	7204.73
0+440.000	0	0	70.19	1363.1	8567.83
0+460.000	0	0	73.93	1441.15	10008.98
0+480.000	0	0	78.79	1527.2	11536.18
0+500.000	0	0	87	1657.91	13194.09
0+520.000	0	0	97.15	1841.45	15035.54
0+540.000	0	0	98.06	1952.03	16987.57
0+560.000	0	0	95.39	1934.5	18922.07
0+580.000	0	0	91.99	1873.84	20795.91
-					
0+706.000	0	0	88.05	0	0
0+720.000	0	0	76.76	1153.69	1153.69
0+740.000	0	0	63.78	1405.39	2559.08
0+760.000	0	0	48.99	1127.72	3686.8
0+780.000	0	0	39.14	881.3	4568.1
0+800.000	0	0	33.32	724.53	5292.63
0+820.000	0	0	26.79	601.03	5893.66
0+840.000	0	0	16.68	434.71	6328.37
0+860.000	0	0	0	166.88	6495.25
1+200.000	0	0	0.74	0	0
1+210.000	0	0	0.35	5.47	5.47
1+213.000	0	0	0.17	0.78	6.24

Ing. Enrique Parisi
Representante Legal

Ing. Oscar A. Rubiani Y.
Representante Legal

P.K.	Área de desmonte (metros cuadrados)	Volumen de desmonte (metros cúbicos)	Área de terraplén (metros cuadrados)	Volumen de terraplén (metros cúbicos)	Vol. terraplén acumul. (metros cúbicos)
1+220.000	0	0	0	0.58	6.83
1+230.000	0	0	0	0	6.83
1+240.000	0	0	0	0	6.83
1+250.000	0	0	1.82	9.12	15.94
1+260.000	0	0	4.68	32.53	48.48
1+270.000	0	0	5.74	52.13	100.61
1+280.000	0	0	6.68	62.1	162.71
1+290.000	0	0	5.45	60.65	223.35
1+300.000	0	0	4.18	48.19	271.54
1+310.000	0	0	4.9	45.43	316.97
1+320.000	0	0	5.31	51.06	368.03
1+330.000	0	0	6.53	59.2	427.23
1+340.000	0	0	8.06	72.93	500.16
1+350.000	0	0	7.65	78.53	578.69
1+360.000	0	0	7.97	78.12	656.81
1+370.000	0	0	7.71	78.42	735.23
1+380.000	0	0	7.33	75.18	810.42
1+390.000	0	0	8.23	77.79	888.21
1+400.000	0	0	9.14	86.85	975.06
1+410.000	0	0	8	85.68	1060.74
1+420.000	0	0	6.64	73.18	1133.92
1+430.000	0	0	4.99	58.15	1192.07
1+440.000	0	0	3.66	43.28	1235.35
1+450.000	0	0	3.59	36.27	1271.62
1+460.000	0	0	3.81	37	1308.62
1+470.000	0	0	4.41	41.12	1349.73
1+480.000	0	0	5.84	51.25	1400.99
1+490.000	0	0	5.33	55.81	1456.8
1+500.000	0	0	6.11	57.17	1513.97
1+510.000	0	0	7.76	69.33	1583.3
1+520.000	0	0	9.58	86.7	1670
1+530.000	0	0	10.21	98.98	1768.98
1+540.000	0	0	10.24	102.29	1871.27
1+550.000	0	0	9.1	96.75	1968.02
1+560.000	0	0	8.32	87.14	2055.16
1+570.000	0	0	8.41	83.67	2138.83
1+580.000	0	0	8.39	84.03	2222.86
1+590.000	0	0	6.21	73.04	2295.9
1+600.000	0	0	3.48	48.46	2344.36
1+610.000	0	0	1.76	26.21	2370.57

Ing. Enrique Parisi
Representante Legal

Ing. Oscar A. Rubiani Y.
Representante Legal

P.K.	Área de desmonte (metros cuadrados)	Volumen de desmonte (metros cúbicos)	Área de terraplén (metros cuadrados)	Volumen de terraplén (metros cúbicos)	Vol. terraplén acumul. (metros cúbicos)
1+620.000	0	0	0.49	11.27	2381.84
1+630.000	0	0	0.19	3.4	2385.24
1+640.000	0	0	0	0.95	2386.19
1+650.000	0	0	0	0	2386.19
1+660.000	0	0	0	0	2386.19
1+670.000	0	0	0	0.04	2386.22
1+680.000	0	0	0.15	0.78	2387.01
1+690.000	0	0	0	0.79	2387.8
1+700.000	0	0	0	0.04	2387.84
1+710.000	0	0	0	0	2387.84
1+720.000	0	0	0	0	2387.84
1+730.000	0	0	0	0	2387.84
1+740.000	0	0	0	0	2387.85
1+750.000	0	0	0	0	2387.86
1+760.000	0	0	0	0	2387.86
1+770.000	0	0	0	0	2387.86
1+780.000	0	0	0	0	2387.86
1+790.000	0	0	0	0	2387.87
1+800.000	0	0	0	0	2387.88
2+600.000	0	0	0	0	0
2+620.000	0	0	0	0	0
2+640.000	0	0	0	0	0
2+660.000	0	0	0	0	0
2+680.000	0	0	0	0	0
2+700.000	0	0	0	0	0
2+720.000	0	0	0	0	0
2+740.000	0	0	0	0	0
2+760.000	0	0	0	0	0
2+780.000	0	0	0	0	0
2+800.000	0	0	0	0	0
2+820.000	0	0	0.23	2.34	2.34
2+840.000	0	0	0.69	9.26	11.6
2+850.000	0	0	1.09	8.92	20.52
2+860.000	0	0	1.56	13.27	33.79
2+870.000	0	0	1.81	16.86	50.65
2+880.000	0	0	2.39	20.99	71.64
2+890.000	0	0	4.06	32.27	103.9
2+900.000	0	0	4.55	43.05	146.96
2+910.000	0	0	3.65	40.97	187.93

Ing. Enrique Parisi
Representante Legal

Ing. Oscar A. Rubiani Y.
Representante Legal

P.K.	Área de desmonte (metros cuadrados)	Volumen de desmonte (metros cúbicos)	Área de terraplén (metros cuadrados)	Volumen de terraplén (metros cúbicos)	Vol. terraplén acumul. (metros cúbicos)
2+920.000	0	0	2.11	28.8	216.73
2+930.000	0	0	0.76	14.36	231.09
2+940.000	0	0	0.49	6.21	237.3
2+950.000	0	0	0.31	3.96	241.26
2+960.000	0	0	0.87	5.86	247.13
2+970.000	0	0	2.62	17.42	264.55
2+980.000	0	0	3.79	32.02	296.57
2+990.000	0	0	3.44	36.1	332.67
3+000.000	0	0	3.23	33.33	366
3+010.000	0	0	2.58	29.07	395.07
3+020.000	0	0	1.67	21.25	416.32
3+030.000	0	0	1.55	16.07	432.39
3+040.000	0	0	2.19	10.41	442.8
11+100.000	0	0	1.24	0	0
11+110.000	0	0	1.92	15.79	15.79
11+120.000	0	0	2.78	23.48	39.26
11+130.000	0	0	3.33	30.57	69.83
11+140.000	0	0	4.24	37.87	107.7
11+150.000	0	0	4.98	46.09	153.79
11+160.000	0	0	5.15	50.67	204.46
11+180.000	0	0	4.81	99.61	304.07
11+200.000	0	0	5.88	106.87	410.94
11+220.000	0	0	7.98	138.63	549.57
11+240.000	0	0	8.94	169.2	718.77
11+260.000	0	0	10.4	193.34	912.11
11+280.000	0	0	11.7	221.02	1133.12
11+300.000	0	0	11.64	233.44	1366.56
11+320.000	0	0	11.98	236.16	1602.72
11+340.000	0	0	12.73	247.07	1849.8
11+360.000	0	0	14.07	267.98	2117.77
11+380.000	0	0	15.4	294.71	2412.48
11+400.000	0	0	17.31	327.13	2739.61
11+420.000	0	0	17.86	351.72	3091.33
11+440.000	0	0	19.34	371.98	3463.31
11+460.000	0	0	21.72	410.57	3873.88
11+470.000	0	0	22.91	223.13	4097.01
11+480.000	0	0	23.61	232.57	4329.59
11+490.000	0	0	24.56	240.87	4570.46
11+500.000	0	0	25.43	249.98	4820.44

Ing. Enrique Parisi
Representante Legal

Ing. Oscar A. Rubiani Y.
Representante Legal

P.K.	Área de desmonte (metros cuadrados)	Volumen de desmonte (metros cúbicos)	Área de terraplén (metros cuadrados)	Volumen de terraplén (metros cúbicos)	Vol. terraplén acumul. (metros cúbicos)
11+510.000	0	0	25.8	256.15	5076.59
11+520.000	0	0	26.48	261.41	5338
11+530.000	0	0	26.82	266.51	5604.51
11+540.000	0	0	27.03	269.27	5873.78
11+550.000	0	0	26.54	267.85	6141.63
11+560.000	0	0	26.53	265.34	6406.97
11+570.000	0	0	24.9	257.18	6664.15
11+580.000	0	0	23.73	243.19	6907.34
11+590.000	0	0	23.39	235.6	7142.94
11+600.000	0	0	23.16	232.73	7375.67
11+610.000	0	0	20.97	220.64	7596.32
11+620.000	0	0	19.58	202.73	7799.04
11+640.000	0	0	17.86	374.41	8173.45
11+660.000	0	0	12.14	300.08	8473.54
11+680.000	0	0	10.57	227.13	8700.67
11+700.000	0	0	6.96	175.27	8875.94
11+710.000	0	0	5.83	63.95	8939.89
11+720.000	0	0	5.12	54.77	8994.66
11+730.000	0	0	3.36	42.42	9037.07
11+740.000	0	0	2.43	28.94	9066.1
15+300.000	0	0	12.07	0	0
15+320.000	0	0	19.06	311.36	311.36
15+340.000	0	0	22.07	411.37	722.73
15+360.000	0	0	22.75	448.27	1171
15+380.000	0	0	21.47	442.22	1613.22
15+400.000	0	0	23.7	451.68	2064.9
15+420.000	0	0	22.19	458.87	2523.77
15+440.000	0	0	21.32	435.03	2958.8
15+460.000	0	0	21.98	432.98	3391.78
15+480.000	0	0	23.79	457.74	3849.52
15+500.000	0	0	24.11	479.02	4328.54
15+520.000	0	0	22.29	464.03	4792.57
15+540.000	0	0	22.1	443.9	5236.47
15+560.000	0	0	15.43	375.29	5611.76
15+580.000	0	0	15.77	311.98	5923.74
15+600.000	0	0	13.95	297.14	6220.88
15+620.000	0	0	7.38	213.25	6434.14
15+630.000	0	0	9.14	82.56	6516.7
15+640.000	0	0	10.34	97.38	6614.08

Ing. Enrique Pari
Representante Le

Ing. Oscar A. Rubiani Y.
Representante Legal

P.K.	Área de desmonte (metros cuadrados)	Volumen de desmonte (metros cúbicos)	Área de terraplén (metros cuadrados)	Volumen de terraplén (metros cúbicos)	Vol. terraplén acumul. (metros cúbicos)
15+650.000	0	0	8.29	93.15	6707.23
15+660.000	0	0	8.28	82.84	6790.08
15+670.000	0	0	8.34	83.12	6873.2
15+680.000	0	0	8.41	83.78	6956.98
15+700.000	0	0	9.69	180.98	7137.96

15+700.000	0	0	9.13	0	0
15+720.000	0	0	7.28	164.07	164.07
15+740.000	0	0	5.96	132.38	296.45
15+760.000	0	0	3.66	96.22	392.67
15+780.000	0	0	3.17	68.37	461.04
15+800.000	0	0	1.16	43.3	504.34
15+820.000	0	0	0	11.57	515.92
15+840.000	0	0	0.18	1.8	517.72
15+860.000	0	0	0	1.79	519.51
15+880.000	0	0	0	0	519.51
15+900.000	0	0	0	0	519.51
15+920.000	0	0	0	0	519.51
15+940.000	0	0	0	0	519.51
15+960.000	0	0	0.04	0.42	519.92
15+980.000	0	0	0	0.42	520.34
16+000.000	0	0	0	0	520.34
16+020.000	0	0	0	0	520.34
16+040.000	0	0	0	0	520.34
16+060.000	0	0	0	0	520.34
16+080.000	0	0	0	0	520.34
16+100.000	0	0	0	0	520.34
16+120.000	0	0	0	0	520.34
16+140.000	0	0	0	0	520.34
16+160.000	0	0	0.5	4.98	525.32
16+180.000	0	0	0.31	8.11	533.44
16+200.000	0	0	0	3.13	536.56
16+220.000	0	0	0.28	2.76	539.32
16+240.000	0	0	0.17	4.42	543.74
16+260.000	0	0	0.44	6.04	549.78
16+280.000	0	0	0.66	11	560.78
16+300.000	0	0	0.77	14.3	575.08
16+320.000	0	0	0.35	11.22	586.3
16+340.000	0	0	1.82	21.76	608.06
16+350.000	0	0	1.27	15.43	623.49

Ing. Enrique Parisi
Representante Legal

Ing. Oscar A. Rubiani Y.
Representante Legal

P.K.	Área de desmonte (metros cuadrados)	Volumen de desmonte (metros cúbicos)	Área de terraplén (metros cuadrados)	Volumen de terraplén (metros cúbicos)	Vol. terraplén acumul. (metros cúbicos)
16+360.000	0	0	0.71	9.86	633.35
16+370.000	0	0	1.19	9.48	642.83
16+380.000	0	0	1.38	12.85	655.68
16+390.000	0	0	0.87	11.23	666.91
16+400.000	0	0	0.26	5.64	672.55
16+420.000	0	0	0.93	11.92	684.46
16+440.000	0	0	3.03	39.59	724.05
16+460.000	0	0	2.7	57.25	781.31
16+480.000	0	0	2.19	48.89	830.19
16+500.000	0	0	0.33	25.2	855.39
17+000.000	0	0	8.52	0	0
17+020.000	0	0	9.63	181.55	181.55
17+040.000	0	0	13.73	233.6	415.15
17+060.000	0	0	15.57	293	708.15
17+080.000	0	0	17.98	335.5	1043.65
17+100.000	0	0	20.84	388.16	1431.82
17+120.000	0	0	21.64	424.8	1856.62
17+140.000	0	0	36.87	585.09	2441.71
17+160.000	0	0	27.66	645.33	3087.04
17+180.000	0	0	27.8	554.65	3641.69
17+200.000	0	0	19.43	472.29	4113.98
17+220.000	0	0	15.54	349.72	4463.7
17+240.000	0	0	12.78	283.23	4746.93
17+260.000	0	0	12.91	256.91	5003.83
19+700.000	0	0	0.69	26.12	0
19+720.000	0	0	0.3	9.93	9.93
19+740.000	0	0	0.35	6.5	16.42
19+760.000	0	0	1.72	20.72	37.15
19+780.000	0	0	0.78	24.97	62.12
19+800.000	0	0	1	17.8	79.92
19+820.000	0	0	0.66	16.64	96.56
19+840.000	0	0	0.33	9.86	106.42
19+860.000	0	0	0.31	6.36	112.78
19+880.000	0	0	0	3.13	115.91
19+900.000	0	0	1.17	11.73	127.64
19+920.000	0	0	1.95	31.18	158.82
19+940.000	0	0	1.22	31.66	190.49
19+960.000	0	0	2.67	38.86	229.35

Ing. Enrique Pari
Representante

Ing. Oscar A. Rubiani Y.
Representante Legal

P.K.	Área de desmonte (metros cuadrados)	Volumen de desmonte (metros cúbicos)	Área de terraplén (metros cuadrados)	Volumen de terraplén (metros cúbicos)	Vol. terraplén acumul. (metros cúbicos)
19+980.000	0	0	2.7	53.66	283.01
20+000.000	0	0	3.87	65.74	348.74
20+020.000	0	0	5.18	90.53	439.27
20+040.000	0	0	7.45	126.28	565.55
20+060.000	0	0	10.35	177.98	743.53
20+080.000	0	0	12.87	232.21	975.74
20+100.000	0	0	14.51	273.82	1249.56
20+120.000	0	0	16.84	313.52	1563.08
20+140.000	0	0	19.48	363.22	1926.31
20+160.000	0	0	20.55	400.31	2326.61
20+180.000	0	0	23.31	438.63	2765.25
20+200.000	0	0	20.46	437.71	3202.96
20+220.000	0	0	24.59	450.47	3653.43
20+240.000	0	0	23.18	477.7	4131.13
20+260.000	0	0	22.29	454.69	4585.82
20+280.000	0	0	22.33	446.16	5031.97
20+300.000	0	0	20.36	426.85	5458.83
20+320.000	0	0	20.23	405.84	5864.67
20+340.000	0	0	19.95	401.82	6266.49
20+360.000	0	0	17.45	374.09	6640.57
20+380.000	0	0	16.24	336.95	6977.52
20+400.000	0	0	15.5	317.4	7294.92
20+420.000	0	0	14.89	303.95	7598.87
20+440.000	0	0	15.7	305.91	7904.78
20+460.000	0	0	11.61	273.06	8177.83
20+480.000	0	0	10.87	224.76	8402.59
20+500.000	0	0	9.87	207.33	8609.92
20+520.000	0	0	8.31	181.72	8791.64
20+540.000	0	0	5.72	140.26	8931.9
20+560.000	0	0	4.23	99.47	9031.37
20+580.000	0	0	3.08	73.07	9104.45
20+600.000	0	0	1.74	48.24	9178.81

21+100.000	0	0	1.7348	0	0
21+120.000	0	0	2.6054	43.402	43.402
21+140.000	0	0	2.8757	54.811	98.213
21+160.000	0	0	4.794	76.697	174.91
21+180.000	0	0	3.5399	83.339	258.249
21+200.000	0	0	5.5576	90.975	349.224
21+220.000	0	0	6.9205	124.781	474.005

Ing. Enrique Parisi
Representante Le

Ing. Oscar A. Rubiani Y.
Representante Legal

P.K.	Área de desmonte (metros cuadrados)	Volumen de desmonte (metros cúbicos)	Área de terraplén (metros cuadrados)	Volumen de terraplén (metros cúbicos)	Vol. terraplén acumul. (metros cúbicos)
21+240.000	0	0	7.2827	142.032	616.037
21+260.000	0	0	1.6447	89.274	705.311
21+280.000	0	0	8.9386	105.833	811.144
21+300.000	0	0	7.9078	168.464	979.608

23+800.000	0	0	3.66	0	0
23+805.000	0	0	4.33	19.97	19.97
23+810.000	0	0	5.75	25.49	45.46
23+815.000	0	0	7.21	32.77	78.22
23+820.000	0	0	16.6	60.32	138.55
23+825.000	0	0	17.83	87.68	226.22
23+830.000	0	0	19.08	94.5	320.72
23+835.000	0	0	20.26	100.83	421.55
23+840.000	0	0	21.36	106.26	527.82
23+845.000	0	0	19.98	105.14	632.95
23+860.000	0	0	14.91	261.68	894.64
23+880.000	0	0	18.96	338.76	1233.4
23+900.000	0	0	17.85	368.11	1601.52
23+920.000	0	0	19.95	378.01	1979.53
23+940.000	0	0	21.24	411.88	2391.41
23+960.000	0	0	15.73	369.63	2761.04
23+980.000	0	0	19.07	348.01	3109.05
24+000.000	0	0	15.7	347.73	3456.78
24+020.000	0	0	13.96	296.61	3753.38
24+040.000	0	0	11.92	258.84	4012.22
24+060.000	0	0	11.13	230.5	4242.72
24+080.000	0	0	11.21	223.36	4466.08
24+100.000	0	0	3.27	144.76	4610.84
24+120.000	0	0	9.37	126.35	4737.19
24+140.000	0	0	8.75	181.11	4918.31
24+160.000	0	0	8.1	168.41	5086.71
24+180.000	0	0	9.26	173.55	5260.26
24+200.000	0	0	10.39	196.52	5456.78
24+220.000	0	0	7.71	181.04	5637.82
24+240.000	0	0	5.17	128.77	5766.59
24+260.000	0.21	2.07	2.21	73.72	5840.31
24+280.000	0.5	7.05	2.05	42.56	5882.87
24+300.000	0.09	5.86	2.24	42.94	5925.81
24+320.000	0	0.97	3.54	57.8	5983.6
24+340.000	0	0.09	4.53	80.66	6064.26

Ing. Enrique Parie
Representante

Ing. Oscar A. Rubiani Y.
Representante Legal

P.K.	Área de desmonte (metros cuadrados)	Volumen de desmonte (metros cúbicos)	Área de terraplén (metros cuadrados)	Volumen de terraplén (metros cúbicos)	Vol. terraplén acumul. (metros cúbicos)
24+360.000	0	0	4.48	90.11	6154.37
24+380.000	0	0	4.29	87.68	6242.05
24+400.000	0	0	6.32	106.03	6348.08
24+420.000	0	0	6.69	130.01	6478.09
24+440.000	0	0	6.5	131.82	6609.91
24+460.000	0	0	6.41	129.1	6739.01
24+480.000	0	0	7.94	143.5	6882.51
24+500.000	0	0	7.64	155.79	7038.31
24+520.000	0	0	8.14	157.82	7196.13
24+540.000	0	0	7.83	159.69	7355.81
24+560.000	0	0	7.96	157.88	7513.69
24+580.000	0	0	6.48	144.39	7658.08
24+600.000	0	0	6.68	131.6	7789.68
24+620.000	0	0	6.16	128.34	7918.03
24+640.000	0	0	5.04	111.94	8029.97
24+660.000	0	0	5.38	104.2	8134.16
24+680.000	0	0	4.74	101.2	8235.36
24+700.000	0	0	5.08	98.18	8333.55
24+720.000	0	0	4.39	94.64	8428.19
24+740.000	0	0	5.38	97.6	8525.8
24+760.000	0	0	5.46	108.38	8634.17
24+780.000	0	0	6.05	115.16	8749.33
24+800.000	0	0	5.66	117.09	8866.42
24+820.000	0	0	5.61	112.64	8979.06
24+840.000	0	0	5.1	107.04	9086.1
24+860.000	0	0	5.04	101.4	9187.5
24+880.000	0	0	13.09	181.35	9368.86
24+900.000	0	0	5.89	189.87	9558.72
24+920.000	0	0	8	138.95	9697.68
24+940.000	0	0	5.98	139.79	9837.47
24+960.000	0	0	7.05	130.32	9967.8
24+980.000	0	0	5.27	123.29	10091.08
25+000.000	0	0	6.26	115.34	10206.42
25+020.000	0	0	4.61	108.71	10315.12
25+040.000	0.03	0.29	4.24	88.49	10403.62
25+060.000	0	0.29	4.67	89.03	10492.65
25+080.000	0.02	0.17	4.69	93.59	10586.24
25+100.000	0.02	0.34	5.26	99.56	10685.8
25+120.000	0.03	0.46	3.46	87.22	10773.02
25+140.000	0.05	0.75	3.26	67.16	10840.19

Ing. Enrique Par
Representante Le

Ing. Oscar A. Rubiani Y.
Representante Legal

P.K.	Área de desmonte (metros cuadrados)	Volumen de desmonte (metros cúbicos)	Área de terraplén (metros cuadrados)	Volumen de terraplén (metros cúbicos)	Vol. terraplén acumul. (metros cúbicos)
25+160.000	0.04	0.82	2.85	61.04	10901.23
25+180.000	0	0.36	5.34	81.9	10983.13
25+200.000	0	0.04	4.5	98.43	11081.55
25+220.000	0.02	0.2	4.01	85.14	11166.7
25+240.000	0.01	0.3	3.96	79.74	11246.44
25+260.000	0	0.17	4.02	79.81	11326.24
25+280.000	0	0.03	5.11	91.26	11417.5
25+300.000	0	0	6.72	118.21	11535.71
25+320.000	0	0	10.12	168.38	11704.09
25+340.000	0	0	10.46	205.8	11909.89
25+360.000	0	0	8.5	189.61	12099.5
25+380.000	0	0	11.62	201.22	12300.72
25+400.000	0	0	8.56	201.82	12502.54
25+420.000	0	0	10.81	193.76	12696.29
25+440.000	0	0	11.45	222.65	12918.95
25+460.000	0	0	12.01	234.59	13153.53
25+480.000	0	0	12.84	248.43	13401.96
25+500.000	0	0	15.71	285.43	13687.09

25+500.000	0	0	15.71	0	0
25+520.000	0	0	9.98	256.88	256.88
25+540.000	0	0	7.96	179.43	436.31
25+560.000	0	0	11.14	191.06	627.37
25+580.000	0	0	11.92	230.63	857.99
25+600.000	0	0	12.63	245.47	1103.46
25+620.000	0	0	11.78	244.06	1347.52
25+640.000	0	0	11.46	232.4	1579.92
25+660.000	0	0	12.74	242.06	1821.98
25+680.000	0	0	14.6	273.41	2095.4
25+700.000	0	0	17.56	321.55	2416.95
25+720.000	0	0	17.49	350.46	2767.41
25+740.000	0	0	20.17	376.54	3143.95
25+760.000	0	0	12.33	325	3468.95
25+780.000	0	0	19.4	317.29	3786.24
25+800.000	0	0	25.12	445.15	4231.4
25+820.000	0	0	27.61	527.32	4758.72
25+840.000	0	0	32.63	602.42	5361.14
25+860.000	0	0	40.22	728.51	6089.65
25+880.000	0	0	55.84	960.61	7050.26
25+900.000	0	0	61.51	1173.48	8223.74

Ing. Enrique Pari
Representante Legal

Ing. Oscar A. Rubiani Y.
Representante Legal

P.K.	Área de desmonte (metros cuadrados)	Volumen de desmonte (metros cúbicos)	Área de terraplén (metros cuadrados)	Volumen de terraplén (metros cúbicos)	Vol. terraplén acumul. (metros cúbicos)
25+920.000	0	0	71.52	1330.31	9554.05
25+940.000	0	0	81.22	1527.39	11081.44
25+960.000	0	0	90.06	1712.78	12794.22
25+980.000	0	0	90.98	1810.38	14604.61
26+000.000	0	0	95.6	1865.76	16470.37
26+020.000	0	0	79.91	1755.06	18225.43
26+040.000	0	0	62.4	1423.02	19648.45
26+060.000	0	0	46.27	1086.67	20735.12
26+080.000	0	0	41.41	876.79	21611.91
26+100.000	0	0	32.18	735.92	22347.83
26+120.000	0	0	14.21	463.9	22811.73
26+140.000	0	0	7.07	212.79	23024.51
26+160.000	0	0	0	70.73	23095.25
26+180.000	0	0	0	0	23095.25
26+200.000	0	0	0	0	23095.25
26+220.000	0	0	0	0	23095.25
26+240.000	0	0	0	0	23095.25
26+260.000	0	0	5.14	51.42	23146.67
26+280.000	0	0	7.16	123	23269.67
26+300.000	0	0	8.2	153.62	23423.29
26+320.000	0	0	5.89	140.95	23564.24
26+340.000	0	0	8.2	140.88	23705.12
26+360.000	0	0	10.55	187.43	23892.55
26+380.000	0	0	10.32	208.67	24101.22
26+400.000	0	0	9.68	199.98	24301.2
26+420.000	0	0	4.75	144.25	24445.45
26+440.000	0	0	0	47.5	24492.95
26+460.000	0	0	4.63	46.35	24539.29
26+480.000	0	0	6.06	106.99	24646.28
26+500.000	0	0	4.1	101.62	24747.9
26+520.000	0	0	4.26	83.55	24831.45
26+540.000	0	0	2.79	70.48	24901.93
26+560.000	0	0	3.45	62.38	24964.3
26+580.000	0	0	2.93	63.78	25028.09
26+600.000	0	0	3.33	62.61	25090.7
26+620.000	0	0	4.64	79.75	25170.45
26+640.000	0	0	6.65	112.91	25283.36
26+660.000	0	0	8.94	155.87	25439.23
26+680.000	0	0	11.02	199.57	25638.81
26+700.000	0	0	9.85	208.7	25847.51

Ing. Enrique Parisi
Representante Legal

Ing. Oscar A. Rubiani Y.
Representante Legal

P.K.	Área de desmonte (metros cuadrados)	Volumen de desmonte (metros cúbicos)	Área de terraplén (metros cuadrados)	Volumen de terraplén (metros cúbicos)	Vol. terraplén acumul. (metros cúbicos)
26+720.000	0	0	6.71	165.62	26013.13
26+725.000	0	0	7.04	34.36	26047.5
26+730.000	0	0	7.32	35.89	26083.39
26+735.000	0	0	7.71	37.56	26120.95
26+740.000	0	0	8.09	39.5	26160.45
26+745.000	0	0	10.26	45.88	26206.33
26+750.000	0	0	14.19	61.1	26267.43
26+755.000	0	0	17.94	80.32	26347.75
26+760.000	0	0	21.61	98.88	26446.63
26+765.000	0	0	21.53	107.85	26554.48
26+770.000	0	0	21.66	107.98	26662.46
26+775.000	0	0	21.75	108.53	26770.98
26+780.000	0	0	19.42	102.92	26873.91
26+785.000	0	0	18.61	95.07	26968.98
26+790.000	0	0	18.07	91.7	27060.68
26+800.000	0	0	17.47	177.68	27238.36
26+820.000	0	0	14.8	322.66	27561.02
26+840.000	0	0	11.35	261.45	27822.47
26+860.000	0	0	9.7	210.47	28032.94
26+880.000	0	0	9.53	192.29	28225.22
26+900.000	0	0	8.99	185.21	28410.44
26+920.000	0	0	9.28	182.73	28593.16
26+940.000	0	0	8.26	175.38	28768.54
26+960.000	0	0	6.28	145.39	28913.93
26+980.000	0	0	4.79	110.67	29024.6
27+000.000	0	0	4.09	88.74	29113.34
27+020.000	0	0	2.54	66.29	29179.62
27+040.000	0	0	3.24	57.86	29237.48
27+060.000	0	0	3.43	66.75	29304.23
27+080.000	0	0	2.33	57.58	29361.82
27+100.000	0	0	2.87	52	29413.82
27+120.000	0	0	2.85	57.22	29471.04
27+140.000	0	0	2.83	56.84	29527.88
27+160.000	0	0	2.75	55.86	29583.74
27+180.000	0	0	2.38	51.35	29635.09
27+200.000	0	0	0.52	29.08	29664.16
27+220.000	0	0	1.41	19.29	29683.46
27+240.000	0	0	2.54	39.41	29722.87
27+260.000	0	0	2.12	46.57	29769.43
27+280.000	0	0	3.11	52.31	29821.75

Ing. Enrique Parisi
Representante Legal

Ing. Oscar A. Rubiani Y.
Representante Legal

P.K.	Área de desmonte (metros cuadrados)	Volumen de desmonte (metros cúbicos)	Área de terraplén (metros cuadrados)	Volumen de terraplén (metros cúbicos)	Vol. terraplén acumul. (metros cúbicos)
27+300.000	0	0	2.66	57.75	29879.5
27+320.000	0	0	1.2	38.65	29918.15
27+340.000	0	0	2.33	35.34	29953.49
27+360.000	0	0	1.41	37.39	29990.88
27+380.000	0	0	1.86	32.7	30023.58
27+400.000	0	0	0.55	24.16	30047.74
27+420.000	0	0	0.75	13.05	30060.79
27+440.000	0	0	2.4	31.54	30092.33
27+460.000	0	0	0.41	28.09	30120.41
27+480.000	0	0	1.21	16.23	30136.65
27+500.000	0	0	0.67	18.86	30155.51
27+520.000	0	0	0.48	11.54	30167.05
27+540.000	0	0	0.38	8.67	30175.71
27+560.000	0	0	0.27	6.56	30182.28
27+580.000	0	0	0.51	7.84	30190.12
27+600.000	0	0	0.27	7.85	30197.97
27+620.000	0	0	0.72	9.95	30207.92
27+640.000	0	0	0	7.22	30215.13
27+660.000	0	0	0	0	30215.13
27+680.000	0	0	0	0	30215.13
27+700.000	0	0	0	0	30215.13
27+720.000	0	0	0	0	30215.13
27+740.000	0	0	0.05	0.45	30215.58
27+760.000	0	0	3.06	31	30246.59
27+780.000	0	0	5.69	87.46	30334.04
27+800.000	0	0	10.16	158.5	30492.55
27+820.000	0	0	16.54	267.04	30759.59
27+840.000	0	0	19.54	360.8	31120.39
27+860.000	0	0	25.83	453.62	31574.01
27+880.000	0	0	25.7	515.23	32089.24
27+900.000	0	0	27.66	533.57	32622.8
27+920.000	0	0	29.26	569.21	33192.02
27+940.000	0	0	24.4	536.61	33728.63
27+960.000	0	0	24.69	490.93	34219.56
27+980.000	0	0	24.82	495.17	34714.73
28+000.000	0	0	20.78	456.04	35170.77
28+020.000	0	0	17.07	378.55	35549.32
28+040.000	0	0	16.28	333.58	35882.91
28+060.000	0	0	15.4	316.87	36199.77
28+080.000	0	0	8.37	237.67	36437.45

Ing. Enrique Parisi
Representante Legal

Ing. Oscar A. Rubiani Y.
Representante Legal

P.K.	Área de desmonte (metros cuadrados)	Volumen de desmonte (metros cúbicos)	Área de terraplén (metros cuadrados)	Volumen de terraplén (metros cúbicos)	Vol. terraplén acumul. (metros cúbicos)
28+100.000	0	0	11.06	194.26	36631.71
28+120.000	0	0	8.32	193.85	36825.56
28+140.000	0	0	8.91	172.32	36997.87
28+160.000	0	0	5.33	142.43	37140.3
28+180.000	0	0	2.73	80.62	37220.92
28+200.000	0	0	6.63	93.59	37314.5
28+220.000	0	0	0.06	66.91	37381.42
28+240.000	0	0	0	0.61	37382.02
28+260.000	0	0	0	0.01	37382.03
28+280.000	0	0	0	0.08	37382.11
28+300.000	0	0	0	0.08	37382.19
28+320.000	0	0	3.43	34.28	37416.47
28+340.000	0	0	2.69	61.16	37477.63
28+360.000	0	0	5.43	81.15	37558.78
28+380.000	0	0	11.68	171.05	37729.83
28+400.000	0	0	12.06	237.33	37967.16
28+420.000	0	0	13.14	251.98	38219.14
28+440.000	0	0	14.57	277.12	38496.26
28+460.000	0	0	12.28	268.52	38764.78
28+480.000	0	0	15.35	276.31	39041.09
28+500.000	0	0	14.69	300.4	39341.49
28+520.000	0	0	11.94	266.33	39607.82
28+540.000	0	0	9.9	218.43	39826.24
28+560.000	0	0	6.84	167.41	39993.65
28+580.000	0	0	2.41	92.46	40086.11
28+600.000	0	0	3	54.05	40140.16
28+620.000	0	0	8.9	118.93	40259.09
28+640.000	0	0	9.27	181.69	40440.78
28+660.000	0	0	6.63	159.03	40599.81
28+680.000	0	0	8.38	150.04	40749.85
28+700.000	0	0	7.94	163.16	40913.01
28+720.000	0	0	7.03	149.71	41062.72
28+740.000	0	0	7.56	145.87	41208.58
28+760.000	0	0	7.98	155.4	41363.98
28+780.000	0	0	7.47	154.58	41518.56
28+800.000	0	0	6.72	141.96	41660.52
28+820.000	0	0	7.47	141.93	41802.44
28+840.000	0	0	9.14	166.14	41968.58
28+860.000	0	0	8.81	179.54	42148.12
28+880.000	0	0	9.02	178.28	42326.4

Ing. Enrique Parisi
Representante Legal

Ing. Oscar A. Rubiani Y.
Representante Legal

P.K.	Área de desmonte (metros cuadrados)	Volumen de desmonte (metros cúbicos)	Área de terraplén (metros cuadrados)	Volumen de terraplén (metros cúbicos)	Vol. terraplén acumul. (metros cúbicos)
28+885.000	0	0	8.84	44.64	42371.04
28+890.000	0	0	8.6	43.61	42414.65
28+895.000	0	0	8.34	42.36	42457.01
28+900.000	0	0	8.03	40.92	42497.94
28+905.000	0	0	7.99	40.04	42537.98
28+910.000	0	0	7.93	39.81	42577.78
28+915.000	0	0	7.89	39.56	42617.34
28+920.000	0	0	7.9	39.46	42656.8
28+925.000	0	0	7.79	39.21	42696.01
28+930.000	0	0	7.68	38.67	42734.68
28+935.000	0	0	7.57	38.13	42772.81
28+940.000	0	0	7.46	37.58	42810.39
28+945.000	0	0	7.91	38.42	42848.81
28+950.000	0	0	8.34	40.61	42889.42
28+955.000	0	0	8.76	42.73	42932.15
28+960.000	0	0	9.16	44.79	42976.94
28+965.000	0	0	8.34	43.76	43020.7
28+970.000	0	0	7.47	39.53	43060.23
28+975.000	0	0	6.61	35.19	43095.42
28+980.000	0	0	5.64	30.61	43126.02
29+000.000	0	0	5.81	114.47	43240.5
29+020.000	0	0	0	58.11	43298.61
29+040.000	0	0	0	0	43298.61
29+060.000	0	0	7.23	72.31	43370.92
29+080.000	0	0	7.38	146.14	43517.06
29+100.000	0	0	4.46	118.44	43635.5
29+120.000	0	0	5.83	102.91	43738.4
29+140.000	0	0	6.99	128.24	43866.64
29+160.000	0	0	7.35	143.48	44010.13
29+180.000	0	0	5.98	133.38	44143.5
29+200.000	0	0	6.52	125.04	44268.55
29+220.000	0	0	9.5	160.23	44428.78
29+240.000	0	0	6.97	164.77	44593.55
29+260.000	0	0	7.93	149	44742.55
29+280.000	0	0	9.6	175.22	44917.76
29+300.000	0	0	9.9	194.96	45112.73
29+320.000	0	0	8.64	185.42	45298.15
29+340.000	0	0	8.96	176.04	45474.19
29+360.000	0	0	7.98	169.42	45643.61
29+380.000	0	0	7.45	154.27	45797.88

Ing. Enrique Parisi
Representante Legal

Ing. Oscar A. Rubiani Y.
Representante Legal

P.K.	Área de desmonte (metros cuadrados)	Volumen de desmonte (metros cúbicos)	Área de terraplén (metros cuadrados)	Volumen de terraplén (metros cúbicos)	Vol. terraplén acumul. (metros cúbicos)
29+400.000	0	0	0	74.47	45872.35
29+420.000	0	0	0	0	45872.35
29+440.000	0	0	0	0	45872.35
29+460.000	0	0	0	0	45872.35
29+480.000	0	0	0	0	45872.35
29+500.000	0	0	0	0	45872.35
29+520.000	0	0	0	0	45872.35
29+540.000	0	0	0	0	45872.35
29+560.000	0	0	0.01	0.12	45872.47
29+580.000	0	0	0.19	2.01	45874.48
29+600.000	0	0	0.26	4.52	45879
29+620.000	0	0	3.61	38.77	45917.77
29+640.000	0	0	3.88	74.96	45992.73
29+660.000	0	0	6.86	107.44	46100.17
29+680.000	0	0	8.55	154.11	46254.28
29+700.000	0	0	15.16	237.12	46491.4
29+720.000	0	0	16.12	312.85	46804.25
29+740.000	0	0	16.1	322.25	47126.5
29+760.000	0	0	21.5	376.06	47502.56
29+780.000	0	0	23.85	453.57	47956.13
29+800.000	0	0	24.21	480.64	48436.77
29+820.000	0	0	23.49	477.04	48913.81
29+840.000	0	0	20.3	437.97	49351.78
29+860.000	0	0	29.08	493.83	49845.61
29+880.000	0	0	33.22	623.02	50468.63
29+900.000	0	0	37.66	708.85	51177.48
29+920.000	0	0	30.92	685.85	51863.33
29+940.000	0	0	42.04	729.64	52592.97
29+960.000	0	0	32.14	741.84	53334.8
29+980.000	0	0	32.16	643.05	53977.85
30+000.000	0	0	32.72	648.85	54626.7
30+020.000	0	0	25.84	585.6	55212.29
30+040.000	0	0	26.21	520.48	55732.77
30+060.000	0	0	24.78	509.89	56242.66
30+080.000	0	0	20.53	453.08	56695.74
30+100.000	0	0	16.78	373.12	57068.86
30+120.000	0	0	23.56	403.45	57472.32
30+140.000	0	0	11.37	349.35	57821.67
30+160.000	0	0	7.95	193.21	58014.87
30+180.000	0	0	6.7	146.5	58161.38

Ing. Enrique Pa
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Ing. Oscar A. Rubiani Y.
Representante Legal

P.K.	Área de desmonte (metros cuadrados)	Volumen de desmonte (metros cúbicos)	Área de terraplén (metros cuadrados)	Volumen de terraplén (metros cúbicos)	Vol. terraplén acumul. (metros cúbicos)
30+200.000	0	0	3.02	97.19	58258.56
30+220.000	0	0	5.79	88.11	58346.67
30+240.000	0	0	5.95	117.41	58464.08
30+260.000	0	0	2.74	86.91	58550.99
30+280.000	0	0	3.02	57.63	58608.62
30+300.000	0	0	0.11	31.32	58639.94
30+320.000	0	0	0.3	4.09	58644.03
30+340.000	0	0	3.76	40.51	58684.54
30+360.000	0	0	3.19	69.48	58754.02
30+380.000	0	0	4.39	75.83	58829.85

Tabla 1.6.3 - Resumen de tablas 1 y 2

DESDE	HASTA	CALCULO ANTES LIMPIEZA	RECALCULO DESPUES DE LIMPIEZA
0+000	0+180	3868.72	
0+180	0+220		786.51
0+220	0+580		20795.91
0+580	0+680	PUENTE	
0+706	0+860		6495.25
0+860	1+200	15	15
1+200	1+800		2387.88
1+800	2+600	13.87	13.87
2+600	3+040		442.8
3+040	11+100	9032.2	9032.2
11+100	11+740		9066.1
11+740	15+300	6068.37	6068.37
15+300	15+700		7137.96
15+700	16+500		855.39
16+500	17+000	136.83	136.83
17+000	17+260		5003.83
17+260	19+700	1148.58	1148.58
19+700	20+600		9178.81
20+600	21+100	38.37	38.37
21+100	21+300		979.61
21+300	23+800	1343.55	1343.55
23+800	25+500		13687.19
25+500	30+380		58829.85
30+380	35+020	5403.35	5403.35
			158.847,21

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Tabla 1.6.4 - Resumen de Volumen

PROGRESIVAS			LONG. (m)	UNID.	PARCIAL	TOTAL	OBSERVACION	
DE	A							
0+020	35+020		35.020	m³	158,847.21		Terraplén	Ver Detalle en Planilla de Movimiento de Suelos
0+020	35+020			m³	15,670.00		Estimación Reposición de bolsones	
0+020	0+220		200	m³	3,858.72		Empalme Ruta 13	
TOTAL				**m³**		**178,375.93**		
							Se adopta: 178,375.93 m3	

Item.1.7 Suelo Mejorado

SUELO MEJORADO							
De Prog	A Prog	Sobreancho (m)	Area Calzada izq (m)	Area Calzada der (m)	AREA Total Calzada (m2)	Long (m)	Volumen (m3)
0	180	EMPALME RUTA XIII				60	729
180	300	0.5	1.71	1.86	3.57	120	428.4
300	670	1	1.86	1.86	3.72	370	1376.4
670	700	PUENTE					
700	730	1	1.86	1.86	3.72	30	111.6
730	820	1	1.86	1.86	3.72	90	334.8
820	900	0	1.71	1.71	3.42	80	273.6
900	1020	0.5	1.71	1.86	3.57	120	428.4
1020	4180	0	1.71	1.71	3.42	3160	10807.2
4180	4300	0.5	1.71	1.86	3.57	120	428.4
4300	5020	0	1.71	1.71	3.42	720	2462.4
5020	5340	1	1.86	1.86	3.72	320	1190.4
5340	5480	1	1.86	1.86	3.72	140	520.8
5480	6900	0	1.71	1.71	3.42	1420	4856.4
6900	7100	1	1.86	1.86	3.72	200	744

SUELO MEJORADO							
De Prog	A Prog	Sobreancho (m)	Area Calzada izq (m)	Area Calzada der (m)	AREA Total Calzada (m2)	Long (m)	Volumen (m3)
7100	22580	0	1.71	1.71	3.42	15480	52941.6
22580	22680	1	1.86	1.86	3.72	100	372
22680	23700	0	1.71	1.71	3.42	1020	3488.4
23700	23840	1	1.86	1.86	3.72	140	520.8
23840	26710	0	1.71	1.71	3.42	2870	9815.4
26710	26790	0.5	1.86	1.71	3.57	80	285.6
26790	28480	0	1.71	1.71	3.42	1690	5779.8
28840	28980	0.5	1.71	1.86	3.57	140	499.8
28980	30385	0	1.71	1.71	3.42	1405	4805.1
30385	30480	0.5	1.71	1.86	3.57	95	339.15
30480	31390	0	1.71	1.71	3.42	910	3112.2
31390	31460	0.5	1.86	1.71	3.57	70	249.9
31460	34640	0	1.71	1.71	3.42	3180	10875.6
34640	34730	0.5	1.71	1.86	3.57	90	321.3
34730	34905	0.5	1.86	1.71	3.57	175	624.75
34905	35020	0	1.71	1.71	3.42	115	393.3
TOTAL						m3	119,116.5

Item.2.1.1 Alcantarillado Tubular Simple D= 0.80 m

PROG.	LADO	LONG.
1+110	DERECHO	10
1+340	DERECHO	10.00
1+360	IZQUIEDA	10.00
1+460	IZQUIEDA	10.00
1+520	DERECHO	10.00
1+700	IZQUIEDA	10.00
1+700	DERECHO	10.00
1+840	IZQUIEDA	10.00
1+960	IZQUIEDA	10.00
2+040	DERECHO	10.00
2+300	IZQUIEDA	10.00
2+460	IZQUIEDA	10.00
2+620	IZQUIEDA	10.00
2+820	IZQUIEDA	10.00
2+900	DERECHO	10.00
3+280	IZQUIEDA	10.00
4+240	DERECHO	10.00
4+720	IZQUIEDA	10.00
6+400	IZQUIEDA	10.00
9+180	DERECHA	10.00
10+900	IZQUIEDA	10.00

PROG.	LADO	LONG.
22+640	DERECHA	10.00
26+760	DERECHA	10.00
30+440	IZQUIEDA	10.00
TOTAL	ml	240

Item.2.2.1 Alcantarilla Celular Simple de H°A° 1.00 x1.00 m

PROGRESIVAS	TIPO	SECCIÓN		LONGITUD
0+020	ACSHºAº	1,00	1,00	25.00
8+280	ACSHºAº	1,00	1,00	18.72
25+960	ACSHºAº	1,00	1,00	22.96
31+840	ACSHºAº	1,00	1,00	12.50
32+905	ACSHºAº	1,00	1,00	12.62
33+165	ACSHºAº	1,00	1,00	12.50
		Total (ml)		104.3

Item.2.2.2 Alcantarilla celular doble de H°A° 1,00 m x 1,00 m

PROGRESIVAS	TIPO	SECCIÓN		LONGITUD
8+520	ACDHºAº	1.00	1	17.68
11+500	ACDHºAº	1.00	1	13.04
28+468	ACDHºAº	1.00	1	12.50
		Total (ml)		43.22

Item.2.2.3 Alcantarilla Celular Simple de H°A° 1.50 x1.50 m

PROGRESIVAS	TIPO	SECCIÓN		LONGITUD
23+780	ACSHºAº	1.50	1,50	13.00
25+750	ACSHºAº	1.50	1,50	11.72
29+835	ACSHºAº	1.50	1,50	12.50
29+930	ACSHºAº	1.50	1,50	21.44
		Total (ml)		58.66

Item.2.2.4 Alcantarilla Celular Doble de H°A° 1.50 x1.50 m

PROGRESIVAS	TIPO	SECCIÓN		LONGITUD
8+520	ACDHºAº	1.50	1,50	14.54
11+500	ACDHºAº	1.50	1,50	12.5
28+468	ACDHºAº	1.50	1,50	12.50
		Total (ml)		39.54

Item.2.2.6 Alcantarilla Celular Triple de H°A° 2.50 x 2.50 m

PROGRESIVAS	TIPO	SECCIÓN		LONGITUD
17+130	ACTHºAº	2.50	2.50	12.80
17+160	ACTHºAº	2.50	2.50	12.80
		Total (ml)		25.0

Item.2.2.7 Alcantarilla Celular Triple de H°A° 3.00 x 3.00 m

PROGRESIVAS	TIPO	SECCIÓN		LONGITUD
0+620	ACTHºAº	3.00	3.00	19.40
		Total (ml)		19.40

Item.2.2.8 Cabeceras de H°A° para alcantarillas celulares

PROG	TIPO	VOLUMEN Hº SEGUN PLANOS
0+170	CEL DOBL 1X1	6.92
0+620	CEL TRIP 3X3	52.43
2+913	CEL DOBL 1X1	6.92
6+965	CEL TRIP 1.5X1.5	16.4
8+280	CEL SIMP 1X1	5.7
8+520	CEL DOBL 1.5X1.5	12.35
11+500	CEL DOBL 1.5X1.5	12.35
17+130	CEL TRIP 2.5X2.5	36.53
17+160	CEL TRIP 2.5X2.5	36.53

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PROG	TIPO	VOLUMEN Hº SEGUN PLANOS
20+220	CEL TRIP 1.5X1.5	16.4
23+780	CEL SIMP 1.5X1.5	10.85
25+750	CEL SIMP 1.5X1.5	10.85
25+960	CEL SIMP 1X1	5.7
26+725	CEL DOBL 1X1	6.92
28+468	CEL DOBL 1.5X1.5	12.35
29+835	CEL SIMP 1.5X1.5	10.85
29+930	CEL SIMP 1.5X1.5	10.85
31+840	CEL SIMP 1X1	5.7
32+905	CEL SIMP 1X1	5.7
33+165	CEL SIMP 1X1	5.7
	TOTAL (m3):	**288.00**

Item.2.4 Cuneta revestida de hormigón

Según Planos

CUNETASREVESTIDAS DEHORMIGON						
desde	**hasta**	**long.**	**lados**	**long. Total**	**vol. Unit.**	**vol. Tramo**
800	1120	320	2	640	0.22	140.8
1120	2010	890	2	1780	0.149	265.22
3140	3320	180	2	360	0.149	53.64
7080	7280	200	2	400	0.149	59.6
8800	8980	180	2	360	0.149	53.64
11700	12060	360	2	720	0.149	107.28
12060	12980	920	2	1840	0.149	274.16
12980	13500	520	2	1040	0.149	154.96
14820	15880	1060	2	2120	0.22	466.4
16500	17000	500	2	1000	0.22	220
17260	17840	580	2	1160	0.149	172.84
17840	18090	250	2	500	0.149	74.5
19100	20000	900	2	1800	0.149	268.2
29400	29740	340	2	680	0.149	101.32
30140	30400	260	2	520	0.149	77.48
34920	35022	102	2	204	0.149	30.396
		7562			(A)	**2520.436**

desde	**hasta**	**long.**	**lados**	**long. Total**	**vol. Unit.**	**vol. Tramo**
760	800	40	2	80	0.22	17.6
2010	2630	620	2	1240	0.149	184.76
3320	4320	1000	2	2000	0.149	298
4320	5120	800	2	1600	0.149	238.4
5240	6240	1000	2	2000	0.149	298
8980	9360	380	2	760	0.149	113.24
9360	10120	760	2	1520	0.149	226.48
13500	14820	1320	2	2640	0.22	580.8
15880	16500	620	2	1240	0.22	272.8
20700	21280	580	2	1160	0.149	172.84
23260	23640	380	2	760	0.149	113.24
24040	24940	900	2	1800	0.149	268.2
26280	26660	380	2	760	0.149	113.24
28620	28840	220	2	440	0.149	65.56
32220	32720	500	2	1000	0.149	149
33660	34120	460	2	920	0.149	137.08
					(B)	**3249.24**

total cunetas m3 (a)+(b) **5,769.00**

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Item.2.5 Disipadores de hormigón

DISIPADORES DE ENERGIA			
desde	**hasta**	**unidades**	
800	1120	32	
1120	2010	89	
3140	3320	18	
7080	7280	8	
8160	8980		
11700	12060	14	
12060	12980	61	
12980	13500	22	
14820	15880	42	
16500	17000	20	
17260	17840	22	
17840	18090	10	
19100	20000	36	
29400	29740	14	
30140	30400	10	
34920	35022	4	
		402	unid
	X 0.66 m3/un	**265.32**	m3

desde	**hasta**	**unidades**	
760	800	0	
2010	2630	24	
3320	4320	40	
4320	5120	32	
5240	6240	40	
8840	9360	10	
9360	10120	20	
13500	14820	30	
15880	16500	52	
17800	17840	24	
20700	21280	0	
23260	23640	22	
24040	24940	14	
26280	26660	36	
28620	28840	8	
32220	32720	20	
33660	34120	15	
		387	
	X 0.66 m3/un	**254.68**	m3
total Disipadores m3 (a)+(b)		**520**	

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Item.2.8 Mampostería de piedra bruta

	Largo	Ancho	Alto	Volumen (m3)
Cimiento de piedra bruta	1	2.2	0.4	0.88
Muro de piedra bruta	1	0.4	0.7	0.28
Muro de piedra bruta	1	0.4	0.7	0.28
		Volumen por ml		**1.44**

Progresivas	cant. L.D.	cant. L.I.
0+900	1	0
0+930	1	0
0+940		1
0+945	1	0
1+000	1	1
1+020		1
1+060	1	1
1+100	1	1
1+120		1
1+140	1	1
1+160		1
1+190	1	1
1+220		1
1+260		1
1+280	1	1
1+300		1
1+320	1	1
1+340	1	0
1+360	1	0
1+370	1	1
1+390	1	0
1+400	1	1
1+440	1	1
1+460	1	1
1+490	1	1
1+520	1	1
1+540	1	1
1+560	1	0
1+600	1	0
1+640	1	1
1+660	1	1
1+720	1	1
1+760	1	0
1+800	1	0

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Progresivas	cant. L.D.	cant. L.I.
1+820	1	0
1+840	1	0
1+860	1	1
1+890		1
1+920	1	1
1+940	1	0
2+000		1
2+030	1	1
2+060		1
2+080	1	0
2+1001	1	1
2+140	1	1
2+180	1	1
2+200	1	1
2+280		1
2+290	1	0
2+320	1	1
2+360	1	0
2+400	1	1
2+440	1	1
2+460		1
2+480	1	1
2+500	1	1
2+520	1	1
2+560	1	1
2+620	1	0
2+680	1	0
2+740	1	1
2+760		1
2+800		1
2+820	1	0
2+830		1
2+840	1	1
2+860		1
2+870	1	0
2+900		1
3+000	1	1
3+020		1
3+100	1	0
3+140	1	1
3+200	1	1
3+220	1	1
3+240	1	0
3+280	1	0

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Progresivas	cant. L.D.	cant. L.I.
3+300	1	1
3+360	1	1
3+440	1	1
3+460	1	1
3+480	1	1
3+520	1	1
3+560	1	0
3+630		1
3+720	1	1
3+780	1	0
3+820		1
3+860	1	1
3+880		1
3+960		1
3+980	1	0
4+200	1	1
4+220	1	0
4+260		1
4+300	1	1
4+340		1
4+500		1
4+540	1	0
4+580		1
6+140	1	1
6+200	1	1
6+210	1	1
6+230	1	1
6+240	1	
6+260	1	1
6+300	1	
6+460		1
6+480		1
6+500		1
6+510		1
6+530		1
6+540		1
6+600		1
6+610	2	
6+620		1
6+660		1
6+740		1
6+880		1
6+940		1
7+040	1	

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Progresivas	cant. L.D.	cant. L.I.
7+060	1	
7+070	1	
7+400		2
8+160		2
8+320	1	
8+420	2	
8+500	1	
8+560	1	
8+620	1	
8+640	2	
9+270	1	
10+600	2	
11+600	2	
13+240	2	
14+000	2	1
15+300	2	1
15+620		2
16+420		2
16+540		2
18+700	2	
18+800	2	
21+100	1	
21+200	1	
22+460	1	
22+540	1	
22+600	2	
22+620	1	
23+000	1	
23+200	1	
24+160	1	
25+300		1
25+440	1	1
25+500		1
25+480	1	1
25+540	1	1
25+620	1	1
25+700		1
25+840	1	1
25+900	1	
26+100	1	1
26+200	1	1
26+400		1
26+700	1	1
26+780	1	1

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Ing. Oscar A. Rubiani Y.
Representante Legal

Progresivas	cant. L.D.	cant. L.I.
27+100		1
28+620	1	1
30+000		1
30+660	1	1
30+700	1	1
30+800	1	1
30+840	1	1
30+880		1
30+940	1	1
30+980	1	1
31+040	1	1
31+100	1	
31+120	1	1
31+200	1	1
31+400		1
31+500		1
31+540	1	
31+800	1	
32+200	1	
32+400		1
32+900		1
33+200	1	1
33+400	1	1
33+420	1	1
33+480	1	1
33+520	1	1
33+600	1	1
33+640	1	1
33+700	1	1
33+800	1	
33+840	1	1
33+900	1	1
33+960	1	1
34+000		1
34+040	1	1
34+200	1	1
34+280		1
34+380		1
34+420	1	1
34+600	1	1
34+660		1
34+800		1
PARCIAL	160	152
TOTAL ACCESOS		**312**

Ing. Enrique Paris
Representante Legal

Ing. Oscar A. Rubiani Y.
Representante Legal

	Cantidad	Longitud	Volumen / ml	Volumen total
Accesos laterales a viviendas	312	3	1.44	1347.84

Item.2.9 Losa de Hª Aª

	Largo	Ancho	Alto	Volumen (m3)
Losas de HºAº	1	1.8	0.2	0.36
Vigas de HºAº	1	0.4	0.3	0.12
Vigas de HºAº	1	0.4	0.3	0.12
		Volumen por ml		**0.6**

	Cantidad	Longitud	Volumen / ml	Volumen total
Accesos laterales a viviendas	312	3	0.6	561.60

Item.3.1 Revestimiento de calzada con ripio

De Prog	A Prog	Long (m)	Ancho Calzada (m)	Sobre ancho p/curvas(m)	Ancho Total Calzada (m)	Espesor (m)	Volumen (m3)
20	180	160.00	variable	EMPALME		0.20	448.00
180	200	20.00	7.00		7.00	0.20	28.00
200	2,700	2,500.00					0.00
2,700	5,020	2,320.00	7.00		7.00	0.20	3,248.00
5,020	5,300	280.00	7.00	0.50	7.50	0.20	420.00
5,300	5,340	40.00	7.00		7.00	0.20	56.00
5,340	5,480	140.00	7.00	0.50	7.50	0.20	210.00
5,480	6,900	1,420.00	7.00		7.00	0.20	1,988.00
6,900	7,100	200.00	7.00	0.50	7.50	0.20	300.00
7,100	22,580	15,480.00	7.00		7.00	0.20	21,672.00
22,580	22,680	100.00	7.00	0.50	7.50	0.20	150.00
22,680	23,700	1,020.00	7.00		7.00	0.20	1,428.00
23,700	23,840	140.00	7.00	0.50	7.50	0.20	210.00
23,840	26,700	2,860.00	7.00		7.00	0.20	4,004.00
26,700	26,790	90.00	7.00	0.50	7.50	0.20	135.00
26,790	30,385	3,595.00	7.00		7.00	0.20	5,033.00
30,385	30,480	95.00	7.00	0.50	7.50	0.20	142.50
30,480	31,390	910.00	7.00		7.00	0.20	1,274.00
31,390	31,460	70.00	7.00	0.50	7.50	0.20	105.00
31,460	34,640	3,180.00	7.00		7.00	0.20	4,452.00
34,640	34,730	90.00	7.00	0.50	7.50	0.20	135.00
34,730	34,845	115.00	7.00		7.00	0.20	161.00
34,845	34,905	60.00	7.00	0.50	7.50	0.20	90.00
34,905	35,020	115.00	7.00		7.00	0.20	161.00
		Total calzada con ripio (m3):					**45,850.50**

Ing. Enrique Paris
Representante Legal

Ing. Oscar A. Rubiani Y.
Representante Legal

BANQUINAS							
De Prog	A Prog	Long (m)	Ancho Banquina(m)	Sobre ancho p/ Baranda(m)	Ancho Total Banquina (m)	Espesor (m)	Volumen (m3)
20	180	160.00	3.60		3.60	0.20	115.20
180	300	120.00	3.60	0.50	4.10	0.20	98.40
300	670	370.00	3.60	1.00	4.60	0.20	340.40
700	820	120.00	3.60	1.00	4.60	0.20	110.40
820	900	80.00	3.60		3.60	0.20	57.60
900	1020	120.00	3.60	0.50	4.10	0.20	98.40
1020	4180	3,160.00	3.60		3.60	0.20	2,275.20
4180	4300	120.00	3.60	0.50	4.10	0.20	98.40
4300	5340	1,040.00	3.60		3.60	0.20	748.80
5340	5480	140.00	3.60	0.50	4.10	0.20	114.80
5480	6900	1,420.00	3.60		3.60	0.20	1,022.40
6900	7100	200.00	3.60	0.5	4.10	0.20	164.00
7100	22580	15,480.00	3.60		3.60	0.20	11,145.60
22580	22680	100.00	3.60	0.5	4.10	0.20	82.00
22680	23700	1,020.00	3.60		3.60	0.20	734.40
23700	23840	140.00	3.60	0.5	4.10	0.20	114.80
23840	28840	5,000.00	3.60		3.60	0.20	3,600.00
28840	28980	140.00	3.60	0.5	4.10	0.20	114.80
28980	35020	6,040.00	3.60		3.60	0.20	4,348.80
		Total calzada con ripio (m3):					**25,384.40**

Total calzada y Banquina con ripio (m3):	**71,234.9**

Item.3.2 Calzada empedrada

CALZADA				
DE PROG	A PROG	LONG	ANCHO CALZADA	AREA
200	2,700	2,500.00	7.00	17,500.00

Ing. Enrique Paris
Representante Leg.

Ing. Oscar A. Rublani Y.
Representante Legal

ACCESOS LATERALES				
1+340	DERECHO	10.00	7.00	70.00
1+360	IZQUIEDA	10.00	7.00	70.00
1+460	IZQUIEDA	10.00	7.00	70.00
1+520	DERECHO	10.00	7.00	70.00
1+700	IZQUIEDA	10.00	7.00	70.00
1+700	DERECHO	10.00	7.00	70.00
1+840	IZQUIEDA	10.00	7.00	70.00
1+960	IZQUIEDA	10.00	7.00	70.00
2+040	DERECHO	10.00	7.00	70.00
SOBREANCHO EN CURVAS DE ACCESOS 1+340 A 2+040				426.98
TOTAL ACCESOS LATERALES				630.00

TOTAL CALZADA EMPEDRADA (m2): 18,556.98

Item.4.3.2 Empastado

PROG	COTA RASANTE	COTA TERR s/plano	H	Ancho del talud	Ancho promedio	Longitud	Area (m2)
0	156.460	156.46	0.000				
20	156.562	156.729	-0.167	*3.00*	1.50	20.00	30.00
40	156.663	157.343	-0.680	*3.00*	3.00	20.00	60.00
60	156.765	156.375	0.390	2.46	2.73	20.00	54.65
80	156.866	155.847	1.019	6.44	4.45	20.00	89.05
100	156.968	155.651	1.317	8.32	7.38	20.00	147.64
120	157.070	155.374	1.696	10.72	9.52	20.00	190.42
140	157.171	155.483	1.688	10.67	10.69	20.00	213.87
160	157.273	155.714	1.559	9.85	10.26	20.00	205.21
180	157.374	155.893	1.481	9.36	9.61	20.00	192.13
200	157.476	155.515	1.961	12.39	10.88	20.00	217.53
220	157.578	155.548	2.030	9.05	10.72	20.00	214.47
240	157.679	155.65	2.029	9.05	9.05	20.00	181.03
260	157.781	155.837	1.944	8.67	8.86	20.00	177.20
280	157.882	155.908	1.974	8.80	8.74	20.00	174.74
300	157.984	156.023	1.961	8.75	8.78	20.00	175.50
320	158.086	156.152	1.934	8.63	8.69	20.00	173.72
340	158.187	155.826	2.361	10.53	9.58	20.00	191.56
360	158.289	155.459	2.830	12.62	11.58	20.00	231.52
380	158.390	155.044	3.346	14.92	13.77	20.00	275.45
400	158.492	154.625	3.867	17.25	16.08	20.00	321.70

PROG	COTA RASANTE	COTA TERR s/plano	H	Ancho del talud	Ancho promedio	Longitud	Area (m2)
420	158.594	154.481	4.113	18.34	17.80	20.00	355.91
440	158.695	154.341	4.354	19.42	18.88	20.00	377.63
460	158.788	154.283	4.505	20.09	19.76	20.00	395.11
480	158.865	154.208	4.657	20.77	20.43	20.00	408.63
500	158.924	153.927	4.997	22.29	21.53	20.00	430.57
520	158.966	153.646	5.320	23.73	23.01	20.00	460.14
540	158.992	153.591	5.401	24.09	23.91	20.00	478.16
560	159.000	153.554	5.446	24.29	24.19	20.00	483.78
580	159.000	153.617	5.383	24.01	24.15	20.00	482.97
600	159.000	153.764	5.236	23.35	23.68	20.00	473.61
620	159.000	153.859	5.141	22.93	23.14	20.00	462.81
640	159.000	153.791	5.209	23.23	23.08	20.00	461.61
660	159.000	153.781	5.219	23.28	23.25	20.00	465.09
680	159.000	153.352	5.648	25.19	24.23	20.00	484.67
700	159.000	154.249	4.751	21.19	23.19	20.00	463.80
720	159.000	154.57	4.430	19.76	20.47	20.00	409.47
740	159.000	154.687	4.313	19.24	19.50	20.00	389.94
760	159.120	155.888	3.232	14.41	16.83	20.00	336.51
780	159.480	157.366	2.114	9.43	11.92	20.00	238.43
800	160.080	158.909	1.171	7.40	8.41	20.00	168.29
820	160.920	160.85	0.070	0.44	3.92	20.00	78.43
840	162.000	162.755	-0.755	*3.00*	1.72	20.00	34.42
860	163.199	164.752	-1.553	*3.00*	3.00	20.00	60.00
880	164.399	166.647	-2.248	*3.00*	3.00	20.00	60.00
900	165.599	168.164	-2.565	*3.00*	3.00	20.00	60.00
920	166.799	169.712	-2.913	*3.00*	3.00	20.00	60.00
940	167.999	171.31	-3.311	*3.00*	3.00	20.00	60.00
960	169.199	172.748	-3.549	*3.00*	3.00	20.00	60.00
980	170.399	173.728	-3.329	*3.00*	3.00	20.00	60.00
1000	171.598	174.606	-3.008	*3.00*	3.00	20.00	60.00
1020	172.798	175.239	-2.441	*3.00*	3.00	20.00	60.00
1040	173.998	175.86	-1.862	*3.00*	3.00	20.00	60.00
1060	175.198	176.575	-1.377	*3.00*	3.00	20.00	60.00
1080	176.397	177.376	-0.979	*3.00*	3.00	20.00	60.00
1100	177.548	178.368	-0.820	*3.00*	3.00	20.00	60.00
1120	178.626	179.266	-0.640	*3.00*	3.00	20.00	60.00
1140	179.631	179.79	-0.159	*3.00*	3.00	20.00	60.00
1160	180.562	180.395	0.167	1.06	2.03	20.00	40.55
1180	181.420	181.248	0.172	1.09	1.07	20.00	21.42
1200	182.206	182.088	0.118	0.75	0.92	20.00	18.33
1220	182.956	182.539	0.417	2.64	1.69	20.00	33.81
1240	183.727	183.559	0.168	1.06	1.85	20.00	36.97
1260	184.487	184.141	0.346	2.19	1.62	20.00	32.48

Ing. Enrique Paris
Representante Legal

Ing. Oscar A. Rubiani Y.
Representante Legal

PROG	COTA RASANTE	COTA TERR s/plano	H	Ancho del talud	Ancho promedio	Longitud	Area (m2)
1280	185.247	184.783	0.464	2.93	2.56	20.00	51.19
1300	186.008	185.551	0.457	2.89	2.91	20.00	58.21
1320	186.768	186.273	0.495	3.13	3.01	20.00	60.17
1340	187.529	186.978	0.551	3.48	3.31	20.00	66.11
1360	188.289	187.646	0.643	4.06	3.77	20.00	75.46
1380	189.049	188.365	0.684	4.32	4.19	20.00	83.87
1400	189.810	189.162	0.648	4.10	4.21	20.00	84.18
1420	190.570	190.176	0.394	2.49	3.29	20.00	65.85
1440	191.330	191.09	0.240	1.52	2.00	20.00	40.07
1460	192.091	191.758	0.333	2.10	1.81	20.00	36.21
1480	192.851	192.392	0.459	2.90	2.50	20.00	50.05
1500	193.611	192.392	1.219	7.70	5.30	20.00	106.05
1520	194.372	193.575	0.797	5.04	6.37	20.00	127.41
1540	195.132	194.383	0.749	4.73	4.89	20.00	97.71
1560	195.892	195.232	0.660	4.17	4.45	20.00	89.05
1580	196.653	196.176	0.477	3.01	3.59	20.00	71.86
1600	197.413	197.201	0.212	1.34	2.18	20.00	43.54
1620	198.173	198.431	-0.258	*3.00*	2.17	20.00	43.40
1640	198.934	199.516	-0.582	*3.00*	3.00	20.00	60.00
1660	199.694	200.116	-0.422	*3.00*	3.00	20.00	60.00
1680	200.454	200.814	-0.360	*3.00*	3.00	20.00	60.00
1700	201.215	201.739	-0.524	*3.00*	3.00	20.00	60.00
1720	201.975	202.65	-0.675	*3.00*	3.00	20.00	60.00
1740	202.735	203.511	-0.776	*3.00*	3.00	20.00	60.00
1760	203.496	204.401	-0.905	*3.00*	3.00	20.00	60.00
1780	204.256	205.303	-1.047	*3.00*	3.00	20.00	60.00
1800	205.016	206.199	-1.183	*3.00*	3.00	20.00	60.00
1820	205.777	207.049	-1.272	*3.00*	3.00	20.00	60.00
1840	206.537	207.874	-1.337	*3.00*	3.00	20.00	60.00
1860	207.297	208.525	-1.228	*3.00*	3.00	20.00	60.00
1880	208.058	209.159	-1.101	*3.00*	3.00	20.00	60.00
1900	208.818	209.654	-0.836	*3.00*	3.00	20.00	60.00
1920	209.578	210.358	-0.780	*3.00*	3.00	20.00	60.00
1940	210.332	211.006	-0.674	*3.00*	3.00	20.00	60.00
1960	211.038	211.619	-0.581	*3.00*	3.00	20.00	60.00
1980	211.689	212.098	-0.409	*3.00*	3.00	20.00	60.00
2000	212.286	212.563	-0.277	*3.00*	3.00	20.00	60.00
2020	212.828	212.972	-0.144	*3.00*	3.00	20.00	60.00
2040	213.316	213.373	-0.057	*3.00*	3.00	20.00	60.00
2060	213.750	213.716	0.034	*3.00*	3.00	20.00	60.00
2080	214.129	214.156	-0.027	*3.00*	3.00	20.00	60.00
2100	214.460	214.464	-0.004	*3.00*	3.00	20.00	60.00
2120	214.784	214.784	0.000	*3.00*	3.00	20.00	60.00

Ing. Enrique Paris
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Ing. Oscar A. Rubiani Y.
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PROG	COTA RASANTE	COTA TERR s/plano	H	Ancho del talud	Ancho promedio	Longitud	Area (m2)
2140	215.109	215.134	-0.025	*3.00*	3.00	20.00	60.00
2160	215.433	215.46	-0.027	*3.00*	3.00	20.00	60.00
2180	215.758	215.786	-0.028	*3.00*	3.00	20.00	60.00
2200	216.082	216.111	-0.029	*3.00*	3.00	20.00	60.00
2220	216.406	216.456	-0.050	*3.00*	3.00	20.00	60.00
2240	216.731	216.792	-0.061	*3.00*	3.00	20.00	60.00
2260	217.055	217.082	-0.027	*3.00*	3.00	20.00	60.00
2280	217.380	217.339	0.041	0.26	1.63	20.00	32.59
2300	217.704	217.566	0.138	0.87	0.57	20.00	11.31
2320	218.029	217.85	0.179	1.13	1.00	20.00	20.03
2340	218.353	218.236	0.117	0.74	0.94	20.00	18.71
2360	218.677	218.595	0.082	0.52	0.63	20.00	12.58
2380	219.002	218.87	0.132	0.83	0.68	20.00	13.52
2400	219.326	219.152	0.174	1.10	0.97	20.00	19.34
2420	219.651	219.428	0.223	1.41	1.25	20.00	25.09
2440	219.975	219.733	0.242	1.53	1.47	20.00	29.39
2460	220.299	220.091	0.208	1.31	1.42	20.00	28.44
2480	220.624	220.478	0.146	0.92	1.12	20.00	22.37
2500	220.948	220.881	0.067	0.42	0.67	20.00	13.46
2520	221.273	221.273	0.000	0.00	0.21	20.00	4.23
2540	221.597	221.59	0.007	0.04	0.02	20.00	0.44
2560	221.913	221.913	0.000	0.00	0.02	20.00	0.44
2580	222.191	222.242	-0.051	*3.00*	1.50	20.00	30.00
2600	222.429	222.568	-0.139	*3.00*	3.00	20.00	60.00
2620	222.625	222.916	-0.291	*3.00*	3.00	20.00	60.00
2640	222.782	223.19	-0.408	*3.00*	3.00	20.00	60.00
2660	222.898	223.296	-0.398	*3.00*	3.00	20.00	60.00
2680	222.973	223.377	-0.404	*3.00*	3.00	20.00	60.00
2700	223.007	223.291	-0.284	*3.00*	3.00	20.00	60.00
2720	223.010	223.174	-0.164	*3.00*	3.00	20.00	60.00
2740	223.010	222.903	0.107	0.68	1.84	20.00	36.76
2760	223.010	222.644	0.366	2.31	1.49	20.00	29.89
2780	223.010	222.438	0.572	3.62	2.96	20.00	59.28
2800	223.010	222.253	0.757	4.78	4.20	20.00	83.99
2820	223.010	222.108	0.902	5.70	5.24	20.00	104.85
2840	223.010	221.937	1.073	6.78	6.24	20.00	124.82
2860	223.010	221.908	1.102	6.96	6.87	20.00	137.46
2880	223.010	221.953	1.057	6.68	6.82	20.00	136.45
2900	223.010	222.254	0.756	4.78	5.73	20.00	114.58
2920	223.010	222.304	0.706	4.46	4.62	20.00	92.40
2940	223.010	221.919	1.091	6.90	5.68	20.00	113.57
2960	223.010	222.018	0.992	6.27	6.58	20.00	131.65
2980	223.010	222.295	0.715	4.52	5.39	20.00	107.88

Ing. Enrique Paris
Representante Legal

Ing. Oscar A. Rubiani Y.
Representante Legal

PROG	COTA RASANTE	COTA TERR s/plano	H	Ancho del talud	Ancho promedio	Longitud	Area (m2)
3000	223.010	222.295	0.715	4.52	4.52	20.00	90.38
3020	223.000	222.402	0.598	3.78	4.15	20.00	82.98
3040	223.010	222.391	0.619	3.91	3.85	20.00	76.91
3060	223.010	222.58	0.430	2.72	3.31	20.00	66.30
3080	223.010	222.406	0.604	3.82	3.27	20.00	65.35
3100	223.063	222.451	0.612	3.87	3.84	20.00	76.85
3120	223.220	222.552	0.668	4.22	4.04	20.00	80.90
3140	223.483	222.911	0.572	3.62	3.92	20.00	78.37
3160	223.851	223.282	0.569	3.60	3.61	20.00	72.11
3180	224.324	223.776	0.548	3.46	3.53	20.00	70.59
3200	224.902	224.413	0.489	3.09	3.28	20.00	65.54
3220	225.586	225.504	0.082	0.52	1.80	20.00	36.09
3240	226.374	223.554	2.820	17.82	9.17	20.00	183.41
3260	227.215	227.447	-0.232	*3.00*	10.41	20.00	208.22
3280	228.037	228.271	-0.234	*3.00*	3.00	20.00	60.00
3300	228.782	228.872	-0.090	*3.00*	3.00	20.00	60.00
3320	229.445	229.455	-0.010	*3.00*	3.00	20.00	60.00
3340	230.027	229.98	0.047	0.30	1.65	20.00	32.97
3360	230.529	230.447	0.082	0.52	0.41	20.00	8.15
3380	230.949	230.809	0.140	0.88	0.70	20.00	14.03
3400	231.307	231.191	0.116	0.73	0.81	20.00	16.18
3420	231.661	231.646	0.015	0.09	0.41	20.00	8.28
3440	232.015	232.074	-0.059	*3.00*	1.55	20.00	30.95
3460	232.369	232.369	0.000	0.00	1.50	20.00	30.00
3480	232.723	232.674	0.049	0.31	0.15	20.00	3.10
3500	233.078	233.016	0.062	0.39	0.35	20.00	7.02
3520	233.432	233.338	0.094	0.59	0.49	20.00	9.86
3540	233.786	233.599	0.187	1.18	0.89	20.00	17.76
3560	234.140	233.86	0.280	1.77	1.48	20.00	29.51
3580	234.494	234.136	0.358	2.26	2.02	20.00	40.32
3600	234.849	234.448	0.401	2.53	2.40	20.00	47.97
3620	235.203	234.877	0.326	2.06	2.30	20.00	45.95
3640	235.557	235.302	0.255	1.61	1.84	20.00	36.72
3660	235.911	235.697	0.214	1.35	1.48	20.00	29.64
3680	236.265	236.072	0.193	1.22	1.29	20.00	25.72
3700	236.620	236.389	0.231	1.46	1.34	20.00	26.80
3720	236.974	236.658	0.316	2.00	1.73	20.00	34.57
3740	237.328	236.963	0.365	2.31	2.15	20.00	43.04
3760	237.682	237.298	0.384	2.43	2.37	20.00	47.34
3780	238.037	237.727	0.310	1.96	2.19	20.00	43.86
3800	238.391	238.159	0.232	1.47	1.71	20.00	34.25
3820	238.745	238.663	0.082	0.52	0.99	20.00	19.84
3840	239.099	239.12	-0.021	*3.00*	1.76	20.00	35.18

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PROG	COTA RASANTE	COTA TERR s/plano	H	Ancho del talud	Ancho promedio	Longitud	Area (m2)
3860	239.453	239.488	-0.035	*3.00*	3.00	20.00	60.00
3880	239.908	239.856	0.052	0.33	1.66	20.00	33.29
3900	240.162	240.16	0.002	0.01	0.17	20.00	3.41
3920	240.516	240.412	0.104	0.66	0.33	20.00	6.70
3940	240.870	240.632	0.238	1.50	1.08	20.00	21.61
3960	241.224	240.886	0.338	2.14	1.82	20.00	36.40
3980	241.579	241.293	0.286	1.81	1.97	20.00	39.44
4000	241.933	241.739	0.194	1.23	1.52	20.00	30.34
4020	242.287	242.16	0.127	0.80	1.01	20.00	20.29
4040	242.641	242.546	0.095	0.60	0.70	20.00	14.03
4060	242.995	242.849	0.146	0.92	0.76	20.00	15.23
4080	243.350	243.181	0.169	1.07	1.00	20.00	19.91
4100	243.704	243.677	0.027	0.17	0.62	20.00	12.39
4120	244.058	244.117	-0.059	*3.00*	1.59	20.00	31.71
4140	244.412	244.483	-0.071	*3.00*	3.00	20.00	60.00
4160	244.766	244.806	-0.040	*3.00*	3.00	20.00	60.00
4180	245.121	245.071	0.050	0.32	1.66	20.00	33.16
4200	245.475	245.471	0.004	0.03	0.17	20.00	3.41
4220	245.829	245.898	-0.069	*3.00*	1.51	20.00	30.25
4240	246.183	246.198	-0.015	*3.00*	3.00	20.00	60.00
4260	246.537	246.541	-0.004	*3.00*	3.00	20.00	60.00
4280	246.885	246.896	-0.011	*3.00*	3.00	20.00	60.00
4300	247.220	247.339	-0.119	*3.00*	3.00	20.00	60.00
4320	247.543	247.715	-0.172	*3.00*	3.00	20.00	60.00
4340	247.852	248.027	-0.175	*3.00*	3.00	20.00	60.00
4360	248.149	248.327	-0.178	*3.00*	3.00	20.00	60.00
4380	248.434	248.603	-0.169	*3.00*	3.00	20.00	60.00
4400	248.711	248.847	-0.136	*3.00*	3.00	20.00	60.00
4420	248.989	249.064	-0.075	*3.00*	3.00	20.00	60.00
4440	249.267	249.288	-0.021	*3.00*	3.00	20.00	60.00
4460	249.545	249.523	0.022	0.14	1.57	20.00	31.39
4480	249.823	249.741	0.082	0.52	0.33	20.00	6.57
4500	250.101	249.741	0.360	2.28	1.40	20.00	27.93
4520	250.379	250.259	0.120	0.76	1.52	20.00	30.34
4540	250.656	250.525	0.131	0.83	0.79	20.00	15.86
4560	250.934	250.799	0.135	0.85	0.84	20.00	16.81
4580	251.212	251.064	0.148	0.94	0.89	20.00	17.89
4600	251.490	251.298	0.192	1.21	1.07	20.00	21.49
4620	251.768	251.555	0.213	1.35	1.28	20.00	25.60
4640	252.046	251.879	0.167	1.06	1.20	20.00	24.02
4660	252.324	252.198	0.126	0.80	0.93	20.00	18.52
4680	252.601	252.48	0.121	0.76	0.78	20.00	15.61
4700	252.879	252.676	0.203	1.28	1.02	20.00	20.48

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PROG	COTA RASANTE	COTA TERR s/plano	H	Ancho del talud	Ancho promedio	Longitud	Area (m2)
4720	253.157	252.895	0.262	1.66	1.47	20.00	29.39
4740	253.435	253.184	0.251	1.59	1.62	20.00	32.42
4760	253.713	253.495	0.218	1.38	1.48	20.00	29.64
4780	253.991	253.843	0.148	0.94	1.16	20.00	23.13
4800	254.269	254.161	0.108	0.68	0.81	20.00	16.18
4820	254.546	254.436	0.110	0.70	0.69	20.00	13.78
4840	254.824	254.725	0.099	0.63	0.66	20.00	13.21
4860	255.102	255.038	0.064	0.40	0.52	20.00	10.30
4880	255.380	255.355	0.025	0.16	0.28	20.00	5.62
4900	255.658	255.612	0.046	0.29	0.22	20.00	4.49
4920	255.936	255.888	0.048	0.30	0.30	20.00	5.94
4940	256.214	256.166	0.048	0.30	0.30	20.00	6.07
4960	256.491	256.441	0.050	0.32	0.31	20.00	6.19
4980	256.769	256.644	0.125	0.79	0.55	20.00	11.06
5000	257.047	256.86	0.187	1.18	0.99	20.00	19.72
5020	257.325	257.174	0.151	0.95	1.07	20.00	21.36
5040	257.603	257.496	0.107	0.68	0.82	20.00	16.31
5060	257.881	257.822	0.059	0.37	0.52	20.00	10.49
5080	258.159	258.113	0.046	0.29	0.33	20.00	6.64
5100	258.401	258.374	0.027	0.17	0.23	20.00	4.61
5120	258.574	258.591	-0.017	*3.00*	1.59	20.00	31.71
5140	258.677	258.724	-0.047	*3.00*	3.00	20.00	60.00
5160	258.709	258.772	-0.063	*3.00*	3.00	20.00	60.00
5180	258.672	258.697	-0.025	*3.00*	3.00	20.00	60.00
5200	258.564	258.562	0.002	*3.00*	3.00	20.00	60.00
5220	258.387	258.418	-0.031	*3.00*	3.00	20.00	60.00
5240	258.139	257.93	0.209	1.32	2.16	20.00	43.21
5260	257.856	257.74	0.116	0.73	1.03	20.00	20.54
5280	257.573	257.476	0.097	0.61	0.67	20.00	13.46
5300	257.291	257.192	0.099	0.63	0.62	20.00	12.39
5320	257.008	256.879	0.129	0.82	0.72	20.00	14.41
5340	256.725	256.553	0.172	1.09	0.95	20.00	19.02
5360	256.442	256.241	0.201	1.27	1.18	20.00	23.57
5380	256.159	255.916	0.243	1.54	1.40	20.00	28.06
5400	255.877	255.724	0.153	0.97	1.25	20.00	25.03
5420	255.594	255.52	0.074	0.47	0.72	20.00	14.35
5440	255.311	255.237	0.074	0.47	0.47	20.00	9.35
5460	255.028	254.999	0.029	0.18	0.33	20.00	6.51
5480	254.746	254.785	-0.039	*3.00*	1.59	20.00	31.83
5500	254.463	254.56	-0.097	*3.00*	3.00	20.00	60.00
5520	254.180	254.335	-0.155	*3.00*	3.00	20.00	60.00
5540	253.897	254.059	-0.162	*3.00*	3.00	20.00	60.00
5560	253.614	253.558	0.056	0.35	1.68	20.00	33.54

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5580	253.332	253.169	0.163	1.03	0.69	20.00	13.84
5600	253.049	252.904	0.145	0.92	0.97	20.00	19.47
5620	252.766	252.673	0.093	0.59	0.75	20.00	15.04
5640	252.483	252.294	0.189	1.19	0.89	20.00	17.82
5660	252.201	251.869	0.332	2.10	1.65	20.00	32.93
5680	251.918	251.501	0.417	2.64	2.37	20.00	47.34
5700	251.635	251.152	0.483	3.05	2.84	20.00	56.88
5720	251.352	250.822	0.530	3.35	3.20	20.00	64.02
5740	251.069	250.455	0.614	3.88	3.62	20.00	72.30
5760	250.787	250.155	0.632	3.99	3.94	20.00	78.75
5780	250.504	249.886	0.618	3.91	3.95	20.00	79.00
5800	250.221	249.566	0.655	4.14	4.02	20.00	80.45
5820	249.938	249.229	0.709	4.48	4.31	20.00	86.20
5840	249.656	248.902	0.754	4.77	4.62	20.00	92.46
5860	249.373	248.581	0.792	5.01	4.89	20.00	97.71
5880	249.090	248.295	0.795	5.02	5.01	20.00	100.30
5900	248.807	248.021	0.786	4.97	5.00	20.00	99.92
5920	248.524	247.738	0.786	4.97	4.97	20.00	99.35
5940	248.242	247.47	0.772	4.88	4.92	20.00	98.47
5960	247.959	247.203	0.756	4.78	4.83	20.00	96.57
5980	247.676	246.906	0.770	4.87	4.82	20.00	96.44
6000	247.393	246.906	0.487	3.08	3.97	20.00	79.44
6020	247.111	246.433	0.678	4.28	3.68	20.00	73.63
6040	246.828	246.204	0.624	3.94	4.11	20.00	82.29
6060	246.545	245.97	0.575	3.63	3.79	20.00	75.78
6080	246.262	245.739	0.523	3.31	3.47	20.00	69.39
6100	245.979	245.511	0.468	2.96	3.13	20.00	62.63
6120	245.697	245.326	0.371	2.34	2.65	20.00	53.02
6140	245.414	245.157	0.257	1.62	1.98	20.00	39.69
6160	245.131	245.021	0.110	0.70	1.16	20.00	23.19
6180	244.852	244.907	-0.055	*3.00*	1.85	20.00	36.95
6200	244.580	244.828	-0.248	*3.00*	3.00	20.00	60.00
6220	244.316	244.759	-0.443	*3.00*	3.00	20.00	60.00
6240	244.059	244.488	-0.429	*3.00*	3.00	20.00	60.00
6260	243.809	244.196	-0.387	*3.00*	3.00	20.00	60.00
6280	243.566	244.061	-0.495	*3.00*	3.00	20.00	60.00
6300	243.331	243.895	-0.564	*3.00*	3.00	20.00	60.00
6320	243.103	243.66	-0.557	*3.00*	3.00	20.00	60.00
6340	242.879	243.416	-0.537	*3.00*	3.00	20.00	60.00
6360	242.655	243.167	-0.512	*3.00*	3.00	20.00	60.00
6380	242.430	243.419	-0.989	*3.00*	3.00	20.00	60.00
6400	242.206	243.461	-1.255	*3.00*	3.00	20.00	60.00
6420	241.982	243.503	-1.521	*3.00*	3.00	20.00	60.00

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6440	241.758	243.04	-1.282	*3.00*	3.00	20.00	60.00
6460	241.533	242.249	-0.716	*3.00*	3.00	20.00	60.00
6480	241.309	241.897	-0.588	*3.00*	3.00	20.00	60.00
6500	241.085	241.679	-0.594	*3.00*	3.00	20.00	60.00
6520	240.861	241.384	-0.523	*3.00*	3.00	20.00	60.00
6540	240.636	241.116	-0.480	*3.00*	3.00	20.00	60.00
6560	240.412	240.85	-0.438	*3.00*	3.00	20.00	60.00
6580	240.188	240.737	-0.549	*3.00*	3.00	20.00	60.00
6600	239.964	240.275	-0.311	*3.00*	3.00	20.00	60.00
6620	239.739	240.119	-0.380	*3.00*	3.00	20.00	60.00
6640	239.515	239.834	-0.319	*3.00*	3.00	20.00	60.00
6660	239.291	239.748	-0.457	*3.00*	3.00	20.00	60.00
6680	239.067	239.529	-0.462	*3.00*	3.00	20.00	60.00
6700	238.842	239.25	-0.408	*3.00*	3.00	20.00	60.00
6720	238.618	238.922	-0.304	*3.00*	3.00	20.00	60.00
6740	238.394	238.486	-0.092	*3.00*	3.00	20.00	60.00
6760	238.170	238.36	-0.190	*3.00*	3.00	20.00	60.00
6780	237.945	238.108	-0.163	*3.00*	3.00	20.00	60.00
6800	237.721	238.101	-0.380	*3.00*	3.00	20.00	60.00
6820	237.497	237.832	-0.335	*3.00*	3.00	20.00	60.00
6840	237.273	237.514	-0.241	*3.00*	3.00	20.00	60.00
6860	237.054	237.138	-0.084	*3.00*	3.00	20.00	60.00
6880	236.875	236.868	0.007	0.04	1.52	20.00	30.44
6900	236.740	236.63	0.110	0.70	0.37	20.00	7.39
6920	236.650	236.548	0.102	0.64	0.67	20.00	13.40
6940	236.606	236.46	0.146	0.92	0.78	20.00	15.67
6960	236.600	236.253	0.347	2.19	1.56	20.00	31.16
6980	236.600	236.055	0.545	3.44	2.82	20.00	56.37
7000	236.600	236.032	0.568	3.59	3.52	20.00	70.34
7020	236.600	235.967	0.633	4.00	3.80	20.00	75.90
7040	236.600	235.991	0.609	3.85	3.92	20.00	78.49
7060	236.608	236.015	0.593	3.75	3.80	20.00	75.97
7080	236.676	236.212	0.464	2.93	3.34	20.00	66.80
7100	236.812	236.397	0.415	2.62	2.78	20.00	55.55
7120	237.016	236.942	0.074	0.47	1.55	20.00	30.90
7140	237.288	237.485	-0.197	*3.00*	1.73	20.00	34.68
7160	237.620	238	-0.380	*3.00*	3.00	20.00	60.00
7180	237.960	238.467	-0.507	*3.00*	3.00	20.00	60.00
7200	238.300	238.744	-0.444	*3.00*	3.00	20.00	60.00
7220	238.640	239.075	-0.435	*3.00*	3.00	20.00	60.00
7240	238.980	239.17	-0.190	*3.00*	3.00	20.00	60.00
7260	239.320	239.28	0.040	0.25	1.63	20.00	32.53
7280	239.660	239.502	0.158	1.00	0.63	20.00	12.51

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7300	239.983	239.723	0.260	1.64	1.32	20.00	26.42
7320	240.273	239.883	0.390	2.46	2.05	20.00	41.08
7340	240.530	240.046	0.484	3.06	2.76	20.00	55.24
7360	240.753	240.291	0.462	2.92	2.99	20.00	59.79
7380	240.943	240.522	0.421	2.66	2.79	20.00	55.81
7400	241.099	240.859	0.240	1.52	2.09	20.00	41.78
7420	241.239	241.195	0.044	0.28	0.90	20.00	17.95
7440	241.379	241.538	-0.159	*3.00*	1.64	20.00	32.78
7460	241.518	241.876	-0.358	*3.00*	3.00	20.00	60.00
7480	241.658	242.027	-0.369	*3.00*	3.00	20.00	60.00
7500	241.798	242.027	-0.229	*3.00*	3.00	20.00	60.00
7520	241.937	242.129	-0.192	*3.00*	3.00	20.00	60.00
7540	242.077	242.085	-0.008	*3.00*	3.00	20.00	60.00
7560	242.217	242.123	0.094	0.59	1.80	20.00	35.94
7580	242.357	242.182	0.175	1.11	0.85	20.00	17.00
7600	242.496	242.216	0.280	1.77	1.44	20.00	28.76
7620	242.636	242.256	0.380	2.40	2.09	20.00	41.71
7640	242.776	242.407	0.369	2.33	2.37	20.00	47.34
7660	242.915	242.554	0.361	2.28	2.31	20.00	46.14
7680	243.055	242.664	0.391	2.47	2.38	20.00	47.53
7700	243.195	242.778	0.417	2.64	2.55	20.00	51.07
7720	243.335	242.827	0.508	3.21	2.92	20.00	58.46
7740	243.474	242.898	0.576	3.64	3.43	20.00	68.51
7760	243.614	242.96	0.654	4.13	3.89	20.00	77.74
7780	243.754	243.045	0.709	4.48	4.31	20.00	86.14
7800	243.893	243.282	0.611	3.86	4.17	20.00	83.42
7820	244.033	243.495	0.538	3.40	3.63	20.00	72.62
7840	244.173	243.711	0.462	2.92	3.16	20.00	63.20
7860	244.313	243.915	0.398	2.52	2.72	20.00	54.35
7880	244.452	244.03	0.422	2.67	2.59	20.00	51.82
7900	244.592	244.171	0.421	2.66	2.66	20.00	53.28
7920	244.732	244.441	0.291	1.84	2.25	20.00	45.00
7940	244.871	244.715	0.156	0.99	1.41	20.00	28.25
7960	245.011	244.955	0.056	0.35	0.67	20.00	13.40
7980	245.151	245.183	-0.032	*3.00*	1.68	20.00	33.54
8000	245.291	245.331	-0.040	*3.00*	3.00	20.00	60.00
8020	245.430	245.478	-0.048	*3.00*	3.00	20.00	60.00
8040	245.570	245.576	-0.006	*3.00*	3.00	20.00	60.00
8060	245.710	245.729	-0.019	*3.00*	3.00	20.00	60.00
8080	245.849	245.836	0.013	*3.00*	3.00	20.00	60.00
8100	245.989	246.037	-0.048	*3.00*	3.00	20.00	60.00
8120	246.129	246.087	0.042	0.27	1.63	20.00	32.65
8140	246.268	246.121	0.147	0.93	0.60	20.00	11.94

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PROG	COTA RASANTE	COTA TERR s/plano	H	Ancho del talud	Ancho promedio	Longitud	Area (m2)
8160	246.405	246.12	0.285	1.80	1.37	20.00	27.30
8180	246.522	246.072	0.450	2.84	2.32	20.00	46.45
8200	246.616	245.598	1.018	6.43	4.64	20.00	92.78
8220	246.686	245.11	1.576	9.96	8.20	20.00	163.94
8240	246.733	244.828	1.905	8.50	9.23	20.00	184.57
8260	246.757	244.531	2.226	9.93	9.21	20.00	184.24
8280	246.790	244.114	2.676	11.93	10.93	20.00	218.63
8300	246.760	244.439	2.321	10.35	11.14	20.00	222.87
8320	246.760	244.595	2.165	9.66	10.00	20.00	200.08
8340	246.760	244.587	2.173	9.69	9.67	20.00	193.47
8360	246.760	244.456	2.304	10.28	9.98	20.00	199.67
8380	246.760	244.435	2.325	10.37	10.32	20.00	206.45
8400	246.760	244.499	2.261	10.08	10.23	20.00	204.54
8420	246.760	244.547	2.213	9.87	9.98	20.00	199.54
8440	246.760	244.652	2.108	9.40	9.64	20.00	192.72
8460	246.760	244.73	2.030	9.05	9.23	20.00	184.55
8480	246.760	244.816	1.944	8.67	8.86	20.00	177.24
8500	246.760	244.886	1.874	11.84	10.26	20.00	205.14
8520	246.760	244.956	1.804	11.40	11.62	20.00	232.45
8540	246.760	245.027	1.733	10.95	11.18	20.00	223.54
8560	246.760	245.121	1.639	10.36	10.66	20.00	213.11
8580	246.760	245.23	1.530	9.67	10.01	20.00	200.28
8600	246.760	245.354	1.406	8.89	9.28	20.00	185.56
8620	246.760	245.449	1.311	8.29	8.59	20.00	171.71
8640	246.760	245.475	1.285	8.12	8.20	20.00	164.07
8660	246.760	245.52	1.240	7.84	7.98	20.00	159.58
8680	246.760	245.608	1.152	7.28	7.56	20.00	151.17
8700	246.760	245.708	1.052	6.65	6.96	20.00	139.29
8720	246.760	245.853	0.907	5.73	6.19	20.00	123.81
8740	246.760	245.995	0.765	4.83	5.28	20.00	105.67
8760	246.760	246.125	0.635	4.01	4.42	20.00	88.48
8780	246.760	246.28	0.480	3.03	3.52	20.00	70.47
8800	246.760	246.492	0.268	1.69	2.36	20.00	47.27
8820	246.780	246.667	0.113	0.71	1.20	20.00	24.08
8840	246.842	246.808	0.034	0.21	0.46	20.00	9.29
8860	246.944	246.956	-0.012	*3.00*	1.61	20.00	32.15
8880	247.088	247.13	-0.042	*3.00*	3.00	20.00	60.00
8900	247.272	247.31	-0.038	*3.00*	3.00	20.00	60.00
8920	247.498	247.59	-0.092	*3.00*	3.00	20.00	60.00
8940	247.744	247.84	-0.096	*3.00*	3.00	20.00	60.00
8960	247.990	248.066	-0.076	*3.00*	3.00	20.00	60.00
8980	248.236	248.293	-0.057	*3.00*	3.00	20.00	60.00
9000	248.482	248.293	0.189	1.19	2.10	20.00	41.94

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9020	248.728	248.593	0.135	0.85	1.02	20.00	20.48
9040	248.974	248.828	0.146	0.92	0.89	20.00	17.76
9060	249.220	248.953	0.267	1.69	1.31	20.00	26.10
9080	249.466	249.057	0.409	2.58	2.14	20.00	42.72
9100	249.712	249.208	0.504	3.19	2.89	20.00	57.70
9120	249.958	249.44	0.518	3.27	3.23	20.00	64.59
9140	250.204	249.686	0.518	3.27	3.27	20.00	65.48
9160	250.450	249.751	0.699	4.42	3.85	20.00	76.91
9180	250.696	250.215	0.481	3.04	3.73	20.00	74.58
9200	250.942	250.831	0.111	0.70	1.87	20.00	37.41
9220	251.188	251.391	-0.203	*3.00*	1.85	20.00	37.02
9240	251.434	251.691	-0.257	*3.00*	3.00	20.00	60.00
9260	251.680	251.903	-0.223	*3.00*	3.00	20.00	60.00
9280	251.926	252.007	-0.081	*3.00*	3.00	20.00	60.00
9300	252.172	252.076	0.096	0.61	1.80	20.00	36.07
9320	252.429	252.114	0.315	1.99	1.30	20.00	25.98
9340	252.707	252.364	0.343	2.17	2.08	20.00	41.59
9360	253.006	252.835	0.171	1.08	1.62	20.00	32.48
9380	253.327	253.292	0.035	0.22	0.65	20.00	13.02
9400	253.669	253.647	0.022	0.14	0.18	20.00	3.60
9420	254.032	253.937	0.095	0.60	0.37	20.00	7.39
9440	254.406	254.337	0.069	0.44	0.52	20.00	10.36
9460	254.780	254.761	0.019	0.12	0.28	20.00	5.56
9480	255.140	255.203	-0.063	*3.00*	1.56	20.00	31.20
9500	255.526	255.624	-0.098	*3.00*	3.00	20.00	60.00
9520	255.902	255.979	-0.077	*3.00*	3.00	20.00	60.00
9540	256.276	256.321	-0.045	*3.00*	3.00	20.00	60.00
9560	256.649	256.636	0.013	*3.00*	3.00	20.00	60.00
9580	257.023	256.942	0.081	*3.00*	3.00	20.00	60.00
9600	257.397	257.335	0.062	*3.00*	3.00	20.00	60.00
9620	257.771	257.709	0.062	*3.00*	3.00	20.00	60.00
9640	258.145	258.087	0.058	*3.00*	3.00	20.00	60.00
9660	258.519	258.521	-0.002	*3.00*	3.00	20.00	60.00
9680	258.893	258.934	-0.041	*3.00*	3.00	20.00	60.00
9700	259.267	259.332	-0.065	*3.00*	3.00	20.00	60.00
9720	259.641	259.684	-0.043	*3.00*	3.00	20.00	60.00
9740	260.015	260.023	-0.008	*3.00*	3.00	20.00	60.00
9760	260.389	260.485	-0.096	*3.00*	3.00	20.00	60.00
9780	260.783	260.889	-0.106	*3.00*	3.00	20.00	60.00
9800	261.137	261.37	-0.233	*3.00*	3.00	20.00	60.00
9820	261.511	261.875	-0.364	*3.00*	3.00	20.00	60.00
9840	261.885	262.286	-0.401	*3.00*	3.00	20.00	60.00
9860	262.259	262.65	-0.391	*3.00*	3.00	20.00	60.00

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9880	262.633	262.993	-0.360	*3.00*	3.00	20.00	60.00
9900	263.007	263.304	-0.297	*3.00*	3.00	20.00	60.00
9920	263.381	263.552	-0.171	*3.00*	3.00	20.00	60.00
9940	263.754	263.764	-0.010	*3.00*	3.00	20.00	60.00
9960	264.128	264.114	0.014	0.09	1.54	20.00	30.88
9980	264.502	264.496	0.006	0.04	0.06	20.00	1.26
10000	264.878	264.851	0.027	0.17	0.10	20.00	2.09
10020	265.250	265.22	0.030	0.19	0.18	20.00	3.60
10040	265.624	265.494	0.130	0.82	0.51	20.00	10.11
10060	265.984	265.755	0.229	1.45	1.13	20.00	22.69
10080	266.317	266.019	0.298	1.88	1.67	20.00	33.31
10100	266.621	266.198	0.423	2.67	2.28	20.00	45.57
10120	266.898	266.33	0.568	3.59	3.13	20.00	62.63
10140	267.146	266.391	0.755	4.77	4.18	20.00	83.61
10160	267.368	266.585	0.783	4.95	4.86	20.00	97.20
10180	267.561	266.745	0.816	5.16	5.05	20.00	101.06
10200	267.726	267.173	0.553	3.49	4.33	20.00	86.52
10220	267.878	267.57	0.308	1.95	2.72	20.00	54.42
10240	268.029	267.775	0.254	1.61	1.78	20.00	35.52
10260	268.181	267.95	0.231	1.46	1.53	20.00	30.65
10280	268.333	268.205	0.128	0.81	1.13	20.00	22.69
10300	268.484	268.454	0.030	0.19	0.50	20.00	9.99
10320	268.636	268.563	0.073	0.46	0.33	20.00	6.51
10340	268.787	268.663	0.124	0.78	0.62	20.00	12.45
10360	268.939	268.806	0.133	0.84	0.81	20.00	16.24
10380	269.091	268.969	0.122	0.77	0.81	20.00	16.12
10400	269.242	269.171	0.071	0.45	0.61	20.00	12.20
10420	269.394	269.378	0.016	0.10	0.27	20.00	5.50
10440	269.545	269.53	0.015	0.09	0.10	20.00	1.96
10460	269.687	269.875	-0.188	*3.00*	1.55	20.00	30.95
10480	269.610	269.773	-0.163	*3.00*	3.00	20.00	60.00
10500	269.913	269.773	0.140	*3.00*	3.00	20.00	60.00
10520	269.997	269.888	0.109	*3.00*	3.00	20.00	60.00
10540	270.062	269.914	0.148	*3.00*	3.00	20.00	60.00
10560	270.107	270	0.107	*3.00*	3.00	20.00	60.00
10580	270.143	270.163	-0.020	*3.00*	3.00	20.00	60.00
10600	270.179	270.205	-0.026	*3.00*	3.00	20.00	60.00
10620	270.214	270.231	-0.017	*3.00*	3.00	20.00	60.00
10640	270.250	270.294	-0.044	*3.00*	3.00	20.00	60.00
10660	270.286	270.354	-0.068	*3.00*	3.00	20.00	60.00
10680	270.322	270.417	-0.095	*3.00*	3.00	20.00	60.00
10700	270.357	270.491	-0.134	*3.00*	3.00	20.00	60.00
10720	270.393	270.473	-0.080	*3.00*	3.00	20.00	60.00

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