



Kittitas County CDS

**CLOSURES ON BOUNDARY LINE ADJUSTMENT  
FOR  
SUNCADIA - PHASE 3 DIVISION 14 AND THE GOLF TRACT**

March 8, 2018

**TRACT A (PLATTED AS TRACT Z-1) PRIOR TO ADJUSTMENT**

North: 687946.6861      East : 1503500.5121  
Line Course: N 70-34-13 W Length: 151.42  
North: 687997.0560      East : 1503357.7154  
Curve Length: 181.80      Radius: 200.00  
Delta: 52-04-59      Tangent: 97.73  
Chord: 175.61      Course: N 44-31-43 W  
Course In: N 19-25-47 E      Course Out: S 71-30-46 W  
RP North: 688185.6661      East : 1503424.2455  
End North: 688122.2474      East : 1503234.5666  
Line Course: N 18-29-14 W Length: 207.32  
North: 688318.8686      East : 1503168.8268  
Line Course: S 86-45-39 W Length: 211.23  
North: 688306.9332      East : 1502957.9343  
Line Course: N 29-03-33 W Length: 109.08  
North: 688402.2821      East : 1502904.9528  
Curve Length: 35.66      Radius: 55.00  
Delta: 37-09-00      Tangent: 18.48  
Chord: 35.04      Course: S 63-41-22 W  
Course In: N 44-53-08 W      Course Out: S 07-44-08 E  
RP North: 688441.2505      East : 1502866.1397  
End North: 688386.7511      East : 1502873.5427  
Line Course: S 29-03-33 E Length: 67.81  
North: 688327.4771      East : 1502906.4789  
Line Course: S 66-17-46 W Length: 279.84  
North: 688214.9786      East : 1502650.2475  
Line Course: S 26-43-58 E Length: 411.64  
North: 687847.3371      East : 1502835.4155  
Curve Length: 31.27      Radius: 160.62  
Delta: 11-09-18      Tangent: 15.69  
Chord: 31.22      Course: N 68-43-58 E  
Course In: S 26-50-41 E      Course Out: N 15-41-23 W  
RP North: 687704.0265      East : 1502907.9474  
End North: 687858.6619      East : 1502864.5113

Curve Length: 51.76                      Radius: 119.00  
     Delta: 24-55-22                      Tangent: 26.30  
     Chord: 51.36                          Course: N 86-46-18 E  
 Course In: S 15-41-23 E      Course Out: N 09-13-59 E  
 RP North: 687744.0958              East : 1502896.6922  
 End North: 687861.5540              East : 1502915.7858  
 Line Course: S 80-46-01 E Length: 503.28  
     North: 687780.8024              East : 1503412.5452  
 Line Course: N 27-56-17 E Length: 187.77  
     North: 687946.6887              East : 1503500.5186  
 Line Course: S 68-15-48 W Length: 0.01  
     North: 687946.6861              East : 1503500.5121

Area: 276,648 sq.ft      6.351 acres

**TRACT B (PLATTED AS TRACT G-1) PRIOR TO ADJUSTMENT**

North: 687946.6861              East : 1503500.5121  
 Line Course: N 70-34-13 W Length: 151.42  
     North: 687997.0560              East : 1503357.7154  
 Curve Length: 181.80                      Radius: 200.00  
     Delta: 52-04-59                      Tangent: 97.73  
     Chord: 175.61                          Course: N 44-31-43 W  
 Course In: N 19-25-47 E      Course Out: S 71-30-46 W  
 RP North: 688185.6661              East : 1503424.2455  
 End North: 688122.2474              East : 1503234.5666  
 Line Course: N 18-29-14 W Length: 685.28  
     North: 688772.1631              East : 1503017.2690  
 Line Course: N 65-02-48 W Length: 133.91  
     North: 688828.6571              East : 1502895.8593  
 Curve Length: 80.96                      Radius: 227.40  
     Delta: 20-23-53                      Tangent: 40.91  
     Chord: 80.53                          Course: S 69-20-32 W  
 Course In: N 30-51-25 W      Course Out: S 10-27-32 E  
 RP North: 689023.8687              East : 1502779.2267  
 End North: 688800.2469              East : 1502820.5066  
 Curve Length: 48.00                      Radius: 160.61  
     Delta: 17-07-21                      Tangent: 24.18  
     Chord: 47.82                          Course: S 88-06-09 W  
 Course In: N 10-27-32 W      Course Out: S 06-39-49 W  
 RP North: 688958.1884              East : 1502791.3510  
 End North: 688798.6634              East : 1502772.7139

Curve Length: 75.19	Radius: 119.00
Delta: 36-12-04	Tangent: 38.90
Chord: 73.94	Course: N 65-14-09 W
Course In: N 06-39-49 E	Course Out: S 42-51-53 W
RP North: 688916.8595	East : 1502786.5226
End North: 688829.6371	East : 1502705.5705
Line Course: N 47-08-07 W	Length: 530.15
North: 689190.2820	East : 1502316.9908
Curve Length: 75.03	Radius: 200.00
Delta: 21-29-38	Tangent: 37.96
Chord: 74.59	Course: N 36-23-18 W
Course In: N 42-51-53 E	Course Out: S 64-21-31 W
RP North: 689336.8744	East : 1502453.0447
End North: 689250.3270	East : 1502272.7407
Line Course: N 25-38-29 W	Length: 325.20
North: 689543.5014	East : 1502132.0146
Line Course: N 31-01-24 W	Length: 54.15
North: 689589.9056	East : 1502104.1064
Line Course: N 40-51-40 W	Length: 612.47
North: 690053.1153	East : 1501703.4116
Line Course: S 84-00-15 W	Length: 78.86
North: 690044.8778	East : 1501624.9830
Line Course: S 11-04-22 W	Length: 436.79
North: 689616.2191	East : 1501541.0950
Curve Length: 50.59	Radius: 230.00
Delta: 12-36-09	Tangent: 25.40
Chord: 50.49	Course: S 44-11-12 W
Course In: S 39-30-43 E	Course Out: N 52-06-52 W
RP North: 689438.7760	East : 1501687.4299
End North: 689580.0158	East : 1501505.9050
Line Course: S 37-53-08 W	Length: 56.45
North: 689535.4633	East : 1501471.2398
Curve Length: 85.18	Radius: 170.00
Delta: 28-42-30	Tangent: 43.50
Chord: 84.29	Course: S 52-14-23 W
Course In: N 52-06-52 W	Course Out: S 23-24-22 E
RP North: 689639.8579	East : 1501337.0692
End North: 689483.8468	East : 1501404.6010
Curve Length: 107.87	Radius: 100.00
Delta: 61-48-27	Tangent: 59.86
Chord: 102.72	Course: N 43-07-50 W
Course In: N 15-57-56 E	Course Out: S 77-46-23 W
RP North: 689579.9896	East : 1501432.1069

End North: 689558.8111	East : 1501334.3753
Line Course: N 12-13-37 W	Length: 493.28
North: 690040.9018	East : 1501229.9063
Curve Length: 99.39	Radius: 119.00
Delta: 47-51-11	Tangent: 52.80
Chord: 96.52	Course: N 11-41-59 E
Course In: N 77-46-23 E	Course Out: N 54-22-26 W
RP North: 690066.1041	East : 1501346.2069
End North: 690135.4208	East : 1501249.4795
Curve Length: 47.99	Radius: 160.62
Delta: 17-07-12	Tangent: 24.18
Chord: 47.81	Course: N 44-11-10 E
Course In: S 54-22-26 E	Course Out: N 37-15-14 W
RP North: 690041.8607	East : 1501380.0371
End North: 690169.7080	East : 1501282.8061
Curve Length: 100.64	Radius: 227.39
Delta: 25-21-28	Tangent: 51.16
Chord: 99.82	Course: N 65-25-30 E
Course In: S 37-15-14 E	Course Out: N 11-53-46 W
RP North: 689988.7144	East : 1501420.4562
End North: 690211.2208	East : 1501373.5826
Curve Length: 105.01	Radius: 265.77
Delta: 22-38-17	Tangent: 53.20
Chord: 104.33	Course: N 89-25-23 E
Course In: S 11-53-46 E	Course Out: N 10-44-31 E
RP North: 689951.1587	East : 1501428.3678
End North: 690212.2715	East : 1501477.9036
Curve Length: 32.68	Radius: 227.39
Delta: 8-14-04	Tangent: 16.37
Chord: 32.65	Course: S 75-08-27 E
Course In: S 10-44-31 W	Course Out: N 18-58-35 E
RP North: 689988.8662	East : 1501435.5213
End North: 690203.8981	East : 1501509.4636
Line Course: N 39-44-58 E	Length: 270.60
North: 690411.9484	East : 1501682.4938
Line Course: S 50-15-02 E	Length: 521.95
North: 690078.1971	East : 1502083.7940
Line Course: S 55-13-22 E	Length: 361.48
North: 689872.0136	East : 1502380.7050
Curve Length: 84.47	Radius: 200.00
Delta: 24-11-58	Tangent: 42.88
Chord: 83.85	Course: S 43-07-23 E
Course In: S 34-46-38 W	Course Out: N 58-58-36 E

RP North: 689707.7384 East : 1502266.6276  
End North: 689810.8158 East : 1502438.0191  
Line Course: S 31-01-24 E Length: 164.45  
North: 689669.8891 East : 1502522.7745  
Line Course: S 47-33-07 E Length: 243.53  
North: 689505.5255 East : 1502702.4728  
Line Course: S 54-36-29 E Length: 193.31  
North: 689393.5668 East : 1502860.0609  
Line Course: S 35-02-35 E Length: 180.28  
North: 689245.9678 East : 1502963.5762  
Line Course: N 54-57-25 E Length: 141.62  
North: 689327.2849 East : 1503079.5234  
Line Course: S 89-54-43 E Length: 430.79  
North: 689326.6228 East : 1503510.3129  
Line Course: S 58-38-15 E Length: 72.77  
North: 689288.7496 East : 1503572.4506  
Line Course: S 78-01-44 E Length: 94.42  
North: 689269.1652 East : 1503664.8172  
Line Course: S 84-18-44 E Length: 69.96  
North: 689262.2316 East : 1503734.4327  
Line Course: S 84-51-58 E Length: 83.00  
North: 689254.8045 East : 1503817.0998  
Line Course: S 32-18-22 E Length: 92.41  
North: 689176.6991 East : 1503866.4876  
Line Course: S 41-57-05 E Length: 98.37  
North: 689103.5401 East : 1503932.2479  
Line Course: S 56-14-34 E Length: 73.44  
North: 689062.7313 East : 1503993.3059  
Line Course: S 74-29-49 E Length: 74.30  
North: 689042.8717 East : 1504064.9026  
Line Course: S 65-26-26 E Length: 127.73  
North: 688989.7824 East : 1504181.0769  
Line Course: S 57-23-15 E Length: 125.16  
North: 688922.3268 East : 1504286.5036  
Line Course: S 70-12-41 E Length: 95.58  
North: 688889.9681 East : 1504376.4394  
Line Course: S 81-55-24 E Length: 106.49  
North: 688875.0065 East : 1504481.8731  
Line Course: S 28-22-01 E Length: 85.52  
North: 688799.7555 East : 1504522.5051  
Line Course: S 29-03-40 E Length: 61.57  
North: 688745.9370 East : 1504552.4122  
Line Course: S 28-07-09 E Length: 103.14

North: 688654.9707      East : 1504601.0228  
 Line Course: S 29-08-27 E Length: 118.71  
 North: 688551.2864      East : 1504658.8296  
 Line Course: S 28-36-00 E Length: 86.21  
 North: 688475.5955      East : 1504700.0976  
 Line Course: S 28-24-51 E Length: 60.52  
 North: 688422.3663      East : 1504728.8956  
 Line Course: S 28-42-39 E Length: 54.34  
 North: 688374.7071      East : 1504754.9999  
 Line Course: S 86-00-09 E Length: 46.30  
 North: 688371.4794      East : 1504801.1873  
 Line Course: S 09-05-40 E Length: 24.94  
 North: 688346.8529      East : 1504805.1293  
 Line Course: S 16-42-23 W Length: 77.20  
 North: 688272.9115      East : 1504782.9369  
 Line Course: S 24-47-06 W Length: 317.63  
 North: 687984.5392      East : 1504649.7818  
 Line Course: S 41-43-24 W Length: 355.45  
 North: 687719.2430      East : 1504413.2176  
 Line Course: S 58-47-26 W Length: 576.85  
 North: 687420.3378      East : 1503919.8500  
 Line Course: S 80-28-12 W Length: 553.25  
 North: 687328.7395      East : 1503374.2354  
 Curve Length: 97.87      Radius: 200.00  
     Delta: 28-02-14      Tangent: 49.93  
     Chord: 96.89      Course: N 85-30-41 W  
     Course In: N 09-31-48 W      Course Out: S 18-30-26 W  
     RP North: 687525.9793      East : 1503341.1226  
     End North: 687336.3226      East : 1503277.6377  
 Line Course: N 71-29-34 W Length: 570.56  
     North: 687517.4321      East : 1502736.5850  
 Curve Length: 74.29      Radius: 122.00  
     Delta: 34-53-16      Tangent: 38.34  
     Chord: 73.14      Course: N 54-02-56 W  
     Course In: N 18-30-26 E      Course Out: S 53-23-42 W  
     RP North: 687633.1227      East : 1502775.3108  
     End North: 687560.3748      East : 1502677.3734  
 Curve Length: 49.24      Radius: 150.00  
     Delta: 18-48-33      Tangent: 24.84  
     Chord: 49.02      Course: N 27-12-01 W  
     Course In: N 53-23-42 E      Course Out: S 72-12-15 W  
     RP North: 687649.8190      East : 1502797.7882  
     End North: 687603.9751      East : 1502654.9655

Curve Length: 114.37	Radius: 230.00
Delta: 28-29-29	Tangent: 58.39
Chord: 113.20	Course: N 03-33-00 W
Course In: N 72-12-15 E	Course Out: N 79-18-16 W
RP North: 687674.2691	East : 1502873.9603
End North: 687716.9549	East : 1502647.9561
Curve Length: 56.02	Radius: 290.00
Delta: 11-04-07	Tangent: 28.10
Chord: 55.94	Course: N 16-13-48 E
Course In: S 79-18-16 E	Course Out: N 68-14-09 W
RP North: 687663.1337	East : 1502932.9180
End North: 687770.6619	East : 1502663.5898
Line Course: N 53-01-32 W	Length: 439.57
North: 688035.0451	East : 1502312.4156
Curve Length: 50.37	Radius: 120.00
Delta: 24-02-58	Tangent: 25.56
Chord: 50.00	Course: N 41-00-03 W
Course In: N 36-58-28 E	Course Out: S 61-01-26 W
RP North: 688130.9136	East : 1502384.5906
End North: 688072.7802	East : 1502279.6120
Curve Length: 46.06	Radius: 110.00
Delta: 23-59-35	Tangent: 23.37
Chord: 45.73	Course: N 16-58-47 W
Course In: N 61-01-26 E	Course Out: S 85-01-01 W
RP North: 688126.0692	East : 1502375.8424
End North: 688116.5144	East : 1502266.2582
Curve Length: 52.27	Radius: 200.00
Delta: 14-58-29	Tangent: 26.29
Chord: 52.12	Course: N 02-30-15 E
Course In: N 85-01-01 E	Course Out: N 80-00-30 W
RP North: 688133.8867	East : 1502465.5023
End North: 688168.5876	East : 1502268.5357
Curve Length: 61.74	Radius: 165.00
Delta: 21-26-26	Tangent: 31.24
Chord: 61.38	Course: N 20-42-43 E
Course In: S 80-00-30 E	Course Out: N 58-34-04 W
RP North: 688139.9593	East : 1502431.0331
End North: 688226.0051	East : 1502290.2456
Curve Length: 40.40	Radius: 100.00
Delta: 23-08-55	Tangent: 20.48
Chord: 40.13	Course: N 71-01-22 W
Course In: N 07-24-11 E	Course Out: S 30-33-06 W
RP North: 688325.1715	East : 1502303.1304

End North: 688239.0544      East : 1502252.2989  
 Line Course: N 59-26-54 W Length: 103.81  
     North: 688291.8226      East : 1502162.9008  
 Curve Length: 7.64      Radius: 230.00  
     Delta: 1-54-10      Tangent: 3.82  
     Chord: 7.64      Course: N 06-51-18 E  
     Course In: N 82-11-37 W      Course Out: S 84-05-47 E  
     RP North: 688323.0626      East : 1501935.0322  
     End North: 688299.4059      East : 1502163.8124  
 Line Course: N 05-54-13 E Length: 48.38  
     North: 688347.5293      East : 1502168.7885  
 Curve Length: 92.30      Radius: 170.00  
     Delta: 31-06-31      Tangent: 47.32  
     Chord: 91.17      Course: N 21-27-28 E  
     Course In: S 84-05-47 E      Course Out: N 52-59-16 W  
     RP North: 688330.0439      East : 1502337.8869  
     End North: 688432.3814      East : 1502202.1407  
 Line Course: N 37-00-44 E Length: 69.57  
     North: 688487.9336      East : 1502244.0208  
 Curve Length: 23.67      Radius: 230.00  
     Delta: 5-53-48      Tangent: 11.85  
     Chord: 23.66      Course: N 34-03-50 E  
     Course In: N 52-59-16 W      Course Out: S 58-53-04 E  
     RP North: 688626.3902      East : 1502060.3642  
     End North: 688507.5341      East : 1502257.2734  
 Line Course: S 46-14-25 E Length: 159.25  
     North: 688397.3911      East : 1502372.2911  
 Line Course: S 59-37-47 E Length: 163.30  
     North: 688314.8289      East : 1502513.1825  
 Curve Length: 46.36      Radius: 160.62  
     Delta: 16-32-12      Tangent: 23.34  
     Chord: 46.20      Course: S 82-51-15 E  
     Course In: S 01-07-21 E      Course Out: N 15-24-51 E  
     RP North: 688154.2397      East : 1502516.3290  
     End North: 688309.0822      East : 1502559.0209  
 Curve Length: 99.39      Radius: 119.00  
     Delta: 47-51-11      Tangent: 52.80  
     Chord: 96.52      Course: S 50-39-33 E  
     Course In: S 15-24-51 W      Course Out: N 63-16-02 E  
     RP North: 688194.3626      East : 1502527.3914  
     End North: 688247.8924      East : 1502633.6720  
 Line Course: S 26-43-58 E Length: 448.48  
     North: 687847.3485      East : 1502835.4117



Curve Length: 31.27	Radius: 160.62
Delta: 11-09-18	Tangent: 15.69
Chord: 31.22	Course: N 68-43-58 E
Course In: S 26-50-41 E	Course Out: N 15-41-23 W
RP North: 687704.0380	East : 1502907.9436
End North: 687858.6733	East : 1502864.5075
Curve Length: 51.76	Radius: 119.00
Delta: 24-55-22	Tangent: 26.30
Chord: 51.36	Course: N 86-46-18 E
Course In: S 15-41-23 E	Course Out: N 09-13-59 E
RP North: 687744.1072	East : 1502896.6884
End North: 687861.5654	East : 1502915.7820
Line Course: S 80-46-01 E	Length: 503.28
North: 687780.8138	East : 1503412.5414
Line Course: N 27-56-17 E	Length: 187.77
North: 687946.7001	East : 1503500.5148
Line Course: S 18-19-11 E	Length: 0.01
North: 687946.6906	East : 1503500.5180

Area: 3,846,642 sq.ft. 88.307 acres

#### **TRACT A AFTER ADJUSTMENT**

North: 687946.6861	East : 1503500.5121
Line Course: N 70-34-13 W	Length: 151.42
North: 687997.0560	East : 1503357.7154
Curve Length: 181.80	Radius: 200.00
Delta: 52-04-59	Tangent: 97.73
Chord: 175.61	Course: N 44-31-43 W
Course In: N 19-25-47 E	Course Out: S 71-30-46 W
RP North: 688185.6661	East : 1503424.2455
End North: 688122.2474	East : 1503234.5666
Line Course: N 18-29-14 W	Length: 207.32
North: 688318.8686	East : 1503168.8268
Line Course: S 86-45-39 W	Length: 211.23
North: 688306.9332	East : 1502957.9343
Line Course: N 29-03-33 W	Length: 109.08
North: 688402.2821	East : 1502904.9528
Curve Length: 35.66	Radius: 55.00
Delta: 37-09-00	Tangent: 18.48
Chord: 35.04	Course: S 63-41-22 W
Course In: N 44-53-08 W	Course Out: S 07-44-08 E

RP North: 688441.2505      East : 1502866.1397  
 End North: 688386.7511      East : 1502873.5427  
 Line Course: S 29-03-33 E Length: 67.81  
     North: 688327.4771      East : 1502906.4789  
 Line Course: S 66-17-46 W Length: 279.84  
     North: 688214.9786      East : 1502650.2475  
 Line Course: S 26-43-58 E Length: 411.64  
     North: 687847.3371      East : 1502835.4155  
 Curve Length: 31.27      Radius: 160.62  
     Delta: 11-09-18      Tangent: 15.69  
     Chord: 31.22      Course: N 68-43-58 E  
     Course In: S 26-50-41 E      Course Out: N 15-41-23 W  
     RP North: 687704.0265      East : 1502907.9474  
     End North: 687858.6619      East : 1502864.5113  
 Curve Length: 51.76      Radius: 119.00  
     Delta: 24-55-22      Tangent: 26.30  
     Chord: 51.36      Course: N 86-46-18 E  
     Course In: S 15-41-23 E      Course Out: N 09-13-59 E  
     RP North: 687744.0958      East : 1502896.6922  
     End North: 687861.5540      East : 1502915.7858  
 Line Course: S 80-46-01 E Length: 326.74  
     North: 687809.1283      East : 1503238.2925  
 Line Course: S 72-30-20 E Length: 305.84  
     North: 687717.1888      East : 1503529.9862  
 Line Course: N 17-52-54 E Length: 216.53  
     North: 687923.2588      East : 1503596.4722  
 Line Course: N 76-16-43 W Length: 98.77  
     North: 687946.6871      East : 1503500.5211  
 Line Course: S 60-11-00 W Length: 0.01  
     North: 687946.6821      East : 1503500.5124

Area: 303,732 sq.ft      6.973 acres

**TRACT B AFTER ADJUSTMENT**

North: 687946.6861      East : 1503500.5121  
 Line Course: N 70-34-13 W Length: 151.42  
     North: 687997.0560      East : 1503357.7154  
 Curve Length: 181.80      Radius: 200.00  
     Delta: 52-04-59      Tangent: 97.73

Chord: 175.61	Course: N 44-31-43 W
Course In: N 19-25-47 E	Course Out: S 71-30-46 W
RP North: 688185.6661	East : 1503424.2455
End North: 688122.2474	East : 1503234.5666
Line Course: N 18-29-14 W	Length: 685.28
North: 688772.1631	East : 1503017.2690
Line Course: N 65-02-48 W	Length: 133.91
North: 688828.6571	East : 1502895.8593
Curve Length: 80.96	Radius: 227.40
Delta: 20-23-53	Tangent: 40.91
Chord: 80.53	Course: S 69-20-32 W
Course In: N 30-51-25 W	Course Out: S 10-27-32 E
RP North: 689023.8687	East : 1502779.2267
End North: 688800.2469	East : 1502820.5066
Curve Length: 48.00	Radius: 160.61
Delta: 17-07-21	Tangent: 24.18
Chord: 47.82	Course: S 88-06-09 W
Course In: N 10-27-32 W	Course Out: S 06-39-49 W
RP North: 688958.1884	East : 1502791.3510
End North: 688798.6634	East : 1502772.7139
Curve Length: 75.19	Radius: 119.00
Delta: 36-12-04	Tangent: 38.90
Chord: 73.94	Course: N 65-14-09 W
Course In: N 06-39-49 E	Course Out: S 42-51-53 W
RP North: 688916.8595	East : 1502786.5226
End North: 688829.6371	East : 1502705.5705
Line Course: N 47-08-07 W	Length: 530.15
North: 689190.2820	East : 1502316.9908
Curve Length: 75.03	Radius: 200.00
Delta: 21-29-38	Tangent: 37.96
Chord: 74.59	Course: N 36-23-18 W
Course In: N 42-51-53 E	Course Out: S 64-21-31 W
RP North: 689336.8744	East : 1502453.0447
End North: 689250.3270	East : 1502272.7407
Line Course: N 25-38-29 W	Length: 325.20
North: 689543.5014	East : 1502132.0146
Line Course: N 31-01-24 W	Length: 54.15
North: 689589.9056	East : 1502104.1064
Line Course: N 40-51-40 W	Length: 612.47
North: 690053.1153	East : 1501703.4116
Line Course: S 84-00-15 W	Length: 78.86
North: 690044.8778	East : 1501624.9830
Line Course: S 11-04-22 W	Length: 436.79

North: 689616.2191	East : 1501541.0950
Curve Length: 50.59	Radius: 230.00
Delta: 12-36-09	Tangent: 25.40
Chord: 50.49	Course: S 44-11-12 W
Course In: S 39-30-43 E	Course Out: N 52-06-52 W
RP North: 689438.7760	East : 1501687.4299
End North: 689580.0158	East : 1501505.9050
Line Course: S 37-53-08 W	Length: 56.45
North: 689535.4633	East : 1501471.2398
Curve Length: 85.18	Radius: 170.00
Delta: 28-42-30	Tangent: 43.50
Chord: 84.29	Course: S 52-14-23 W
Course In: N 52-06-52 W	Course Out: S 23-24-22 E
RP North: 689639.8579	East : 1501337.0692
End North: 689483.8468	East : 1501404.6010
Curve Length: 107.87	Radius: 100.00
Delta: 61-48-27	Tangent: 59.86
Chord: 102.72	Course: N 43-07-50 W
Course In: N 15-57-56 E	Course Out: S 77-46-23 W
RP North: 689579.9896	East : 1501432.1069
End North: 689558.8111	East : 1501334.3753
Line Course: N 12-13-37 W	Length: 493.28
North: 690040.9018	East : 1501229.9063
Curve Length: 99.39	Radius: 119.00
Delta: 47-51-11	Tangent: 52.80
Chord: 96.52	Course: N 11-41-59 E
Course In: N 77-46-23 E	Course Out: N 54-22-26 W
RP North: 690066.1041	East : 1501346.2069
End North: 690135.4208	East : 1501249.4795
Curve Length: 47.99	Radius: 160.62
Delta: 17-07-12	Tangent: 24.18
Chord: 47.81	Course: N 44-11-10 E
Course In: S 54-22-26 E	Course Out: N 37-15-14 W
RP North: 690041.8607	East : 1501380.0371
End North: 690169.7080	East : 1501282.8061
Curve Length: 100.64	Radius: 227.39
Delta: 25-21-28	Tangent: 51.16
Chord: 99.82	Course: N 65-25-30 E
Course In: S 37-15-14 E	Course Out: N 11-53-46 W
RP North: 689988.7144	East : 1501420.4562
End North: 690211.2208	East : 1501373.5826
Curve Length: 105.01	Radius: 265.77
Delta: 22-38-17	Tangent: 53.20

Chord: 104.33	Course: N 89-25-23 E
Course In: S 11-53-46 E	Course Out: N 10-44-31 E
RP North: 689951.1587	East : 1501428.3678
End North: 690212.2715	East : 1501477.9036
Curve Length: 32.68	Radius: 227.39
Delta: 8-14-04	Tangent: 16.37
Chord: 32.65	Course: S 75-08-27 E
Course In: S 10-44-31 W	Course Out: N 18-58-35 E
RP North: 689988.8662	East : 1501435.5213
End North: 690203.8981	East : 1501509.4636
Line Course: N 39-44-58 E	Length: 270.60
North: 690411.9484	East : 1501682.4938
Line Course: S 50-15-02 E	Length: 521.95
North: 690078.1971	East : 1502083.7940
Line Course: S 55-13-22 E	Length: 361.48
North: 689872.0136	East : 1502380.7050
Curve Length: 84.47	Radius: 200.00
Delta: 24-11-58	Tangent: 42.88
Chord: 83.85	Course: S 43-07-23 E
Course In: S 34-46-38 W	Course Out: N 58-58-36 E
RP North: 689707.7384	East : 1502266.6276
End North: 689810.8158	East : 1502438.0191
Line Course: S 31-01-24 E	Length: 164.45
North: 689669.8891	East : 1502522.7745
Line Course: S 47-33-07 E	Length: 243.53
North: 689505.5255	East : 1502702.4728
Line Course: S 54-36-29 E	Length: 193.31
North: 689393.5668	East : 1502860.0609
Line Course: S 35-02-35 E	Length: 180.28
North: 689245.9678	East : 1502963.5762
Line Course: N 54-57-25 E	Length: 141.62
North: 689327.2849	East : 1503079.5234
Line Course: S 89-54-43 E	Length: 430.79
North: 689326.6228	East : 1503510.3129
Line Course: S 58-38-15 E	Length: 72.77
North: 689288.7496	East : 1503572.4506
Line Course: S 78-01-44 E	Length: 94.42
North: 689269.1652	East : 1503664.8172
Line Course: S 84-18-44 E	Length: 69.96
North: 689262.2316	East : 1503734.4327
Line Course: S 84-51-58 E	Length: 83.00
North: 689254.8045	East : 1503817.0998
Line Course: S 32-18-22 E	Length: 92.41

North: 689176.6991 East : 1503866.4876  
Line Course: S 41-57-05 E Length: 98.37  
North: 689103.5401 East : 1503932.2479  
Line Course: S 56-14-34 E Length: 73.44  
North: 689062.7313 East : 1503993.3059  
Line Course: S 74-29-49 E Length: 74.30  
North: 689042.8717 East : 1504064.9026  
Line Course: S 65-26-26 E Length: 127.73  
North: 688989.7824 East : 1504181.0769  
Line Course: S 57-23-15 E Length: 125.16  
North: 688922.3268 East : 1504286.5036  
Line Course: S 70-12-41 E Length: 95.58  
North: 688889.9681 East : 1504376.4394  
Line Course: S 81-55-24 E Length: 106.49  
North: 688875.0065 East : 1504481.8731  
Line Course: S 28-22-01 E Length: 85.52  
North: 688799.7555 East : 1504522.5051  
Line Course: S 29-03-40 E Length: 61.57  
North: 688745.9370 East : 1504552.4122  
Line Course: S 28-07-09 E Length: 103.14  
North: 688654.9707 East : 1504601.0228  
Line Course: S 29-08-27 E Length: 118.71  
North: 688551.2864 East : 1504658.8296  
Line Course: S 28-36-00 E Length: 86.21  
North: 688475.5955 East : 1504700.0976  
Line Course: S 28-24-51 E Length: 60.52  
North: 688422.3663 East : 1504728.8956  
Line Course: S 28-42-39 E Length: 54.34  
North: 688374.7071 East : 1504754.9999  
Line Course: S 86-00-09 E Length: 46.30  
North: 688371.4794 East : 1504801.1873  
Line Course: S 09-05-40 E Length: 24.94  
North: 688346.8529 East : 1504805.1293  
Line Course: S 16-42-23 W Length: 77.20  
North: 688272.9115 East : 1504782.9369  
Line Course: S 24-47-06 W Length: 317.63  
North: 687984.5392 East : 1504649.7818  
Line Course: S 41-43-24 W Length: 355.45  
North: 687719.2430 East : 1504413.2176  
Line Course: S 58-47-26 W Length: 576.85  
North: 687420.3378 East : 1503919.8500  
Line Course: S 80-28-12 W Length: 553.25  
North: 687328.7395 East : 1503374.2354

Curve Length: 97.87	Radius: 200.00
Delta: 28-02-14	Tangent: 49.93
Chord: 96.89	Course: N 85-30-41 W
Course In: N 09-31-48 W	Course Out: S 18-30-26 W
RP North: 687525.9793	East : 1503341.1226
End North: 687336.3226	East : 1503277.6377
Line Course: N 71-29-34 W	Length: 570.56
North: 687517.4321	East : 1502736.5850
Curve Length: 74.29	Radius: 122.00
Delta: 34-53-16	Tangent: 38.34
Chord: 73.14	Course: N 54-02-56 W
Course In: N 18-30-26 E	Course Out: S 53-23-42 W
RP North: 687633.1227	East : 1502775.3108
End North: 687560.3748	East : 1502677.3734
Curve Length: 49.24	Radius: 150.00
Delta: 18-48-33	Tangent: 24.84
Chord: 49.02	Course: N 27-12-01 W
Course In: N 53-23-42 E	Course Out: S 72-12-15 W
RP North: 687649.8190	East : 1502797.7882
End North: 687603.9751	East : 1502654.9655
Curve Length: 114.37	Radius: 230.00
Delta: 28-29-29	Tangent: 58.39
Chord: 113.20	Course: N 03-33-00 W
Course In: N 72-12-15 E	Course Out: N 79-18-16 W
RP North: 687674.2691	East : 1502873.9603
End North: 687716.9549	East : 1502647.9561
Curve Length: 56.02	Radius: 290.00
Delta: 11-04-07	Tangent: 28.10
Chord: 55.94	Course: N 16-13-48 E
Course In: S 79-18-16 E	Course Out: N 68-14-09 W
RP North: 687663.1337	East : 1502932.9180
End North: 687770.6619	East : 1502663.5898
Line Course: N 53-01-32 W	Length: 439.57
North: 688035.0451	East : 1502312.4156
Curve Length: 50.37	Radius: 120.00
Delta: 24-02-58	Tangent: 25.56
Chord: 50.00	Course: N 41-00-03 W
Course In: N 36-58-28 E	Course Out: S 61-01-26 W
RP North: 688130.9136	East : 1502384.5906
End North: 688072.7802	East : 1502279.6120
Curve Length: 46.06	Radius: 110.00
Delta: 23-59-35	Tangent: 23.37
Chord: 45.73	Course: N 16-58-47 W

Course In: N 61-01-26 E	Course Out: S 85-01-01 W
RP North: 688126.0692	East : 1502375.8424
End North: 688116.5144	East : 1502266.2582
Curve Length: 52.27	Radius: 200.00
Delta: 14-58-29	Tangent: 26.29
Chord: 52.12	Course: N 02-30-15 E
Course In: N 85-01-01 E	Course Out: N 80-00-30 W
RP North: 688133.8867	East : 1502465.5023
End North: 688168.5876	East : 1502268.5357
Curve Length: 61.74	Radius: 165.00
Delta: 21-26-26	Tangent: 31.24
Chord: 61.38	Course: N 20-42-43 E
Course In: S 80-00-30 E	Course Out: N 58-34-04 W
RP North: 688139.9593	East : 1502431.0331
End North: 688226.0051	East : 1502290.2456
Curve Length: 40.40	Radius: 100.00
Delta: 23-08-55	Tangent: 20.48
Chord: 40.13	Course: N 71-01-22 W
Course In: N 07-24-11 E	Course Out: S 30-33-06 W
RP North: 688325.1715	East : 1502303.1304
End North: 688239.0544	East : 1502252.2989
Line Course: N 59-26-54 W	Length: 103.81
North: 688291.8226	East : 1502162.9008
Curve Length: 7.64	Radius: 230.00
Delta: 1-54-10	Tangent: 3.82
Chord: 7.64	Course: N 06-51-18 E
Course In: N 82-11-37 W	Course Out: S 84-05-47 E
RP North: 688323.0626	East : 1501935.0322
End North: 688299.4059	East : 1502163.8124
Line Course: N 05-54-13 E	Length: 48.38
North: 688347.5293	East : 1502168.7885
Curve Length: 92.30	Radius: 170.00
Delta: 31-06-31	Tangent: 47.32
Chord: 91.17	Course: N 21-27-28 E
Course In: S 84-05-47 E	Course Out: N 52-59-16 W
RP North: 688330.0439	East : 1502337.8869
End North: 688432.3814	East : 1502202.1407
Line Course: N 37-00-44 E	Length: 69.57
North: 688487.9336	East : 1502244.0208
Curve Length: 23.67	Radius: 230.00
Delta: 5-53-48	Tangent: 11.85
Chord: 23.66	Course: N 34-03-50 E
Course In: N 52-59-16 W	Course Out: S 58-53-04 E



RP North: 688626.3902	East : 1502060.3642
End North: 688507.5341	East : 1502257.2734
Line Course: S 46-14-25 E	Length: 159.25
North: 688397.3911	East : 1502372.2911
Line Course: S 59-37-47 E	Length: 163.30
North: 688314.8289	East : 1502513.1825
Curve Length: 46.36	Radius: 160.62
Delta: 16-32-12	Tangent: 23.34
Chord: 46.20	Course: S 82-51-15 E
Course In: S 01-07-21 E	Course Out: N 15-24-51 E
RP North: 688154.2397	East : 1502516.3290
End North: 688309.0822	East : 1502559.0209
Curve Length: 99.39	Radius: 119.00
Delta: 47-51-11	Tangent: 52.80
Chord: 96.52	Course: S 50-39-33 E
Course In: S 15-24-51 W	Course Out: N 63-16-02 E
RP North: 688194.3626	East : 1502527.3914
End North: 688247.8924	East : 1502633.6720
Line Course: S 26-43-58 E	Length: 448.48
North: 687847.3485	East : 1502835.4117
Curve Length: 31.27	Radius: 160.62
Delta: 11-09-18	Tangent: 15.69
Chord: 31.22	Course: N 68-43-58 E
Course In: S 26-50-41 E	Course Out: N 15-41-23 W
RP North: 687704.0380	East : 1502907.9436
End North: 687858.6733	East : 1502864.5075
Curve Length: 51.76	Radius: 119.00
Delta: 24-55-22	Tangent: 26.30
Chord: 51.36	Course: N 86-46-18 E
Course In: S 15-41-23 E	Course Out: N 09-13-59 E
RP North: 687744.1072	East : 1502896.6884
End North: 687861.5654	East : 1502915.7820
Line Course: S 80-46-01 E	Length: 326.74
North: 687809.1398	East : 1503238.2887
Line Course: S 72-30-20 E	Length: 305.84
North: 687717.2002	East : 1503529.9824
Line Course: N 17-52-54 E	Length: 216.53
North: 687923.2702	East : 1503596.4684
Line Course: N 76-16-43 W	Length: 98.77
North: 687946.6986	East : 1503500.5172
Line Course: S 02-36-55 W	Length: 0.01
North: 687946.6886	East : 1503500.5168

Area: 3,819,559 sq.ft. 87.685 acres

### **CLOSURE ON SECTION DATA ON SHEET 1**

North: 688257.5100      East : 1504367.0700  
Line Course: N 89-20-58 W Length: 2644.65  
    North: 688287.5376      East : 1501722.5905  
Line Course: N 89-13-26 W Length: 2631.89  
    North: 688323.1873      East : 1499090.9419  
Line Course: N 01-06-03 E Length: 2659.26  
    North: 690981.9565      East : 1499142.0316  
Line Course: S 89-01-13 E Length: 5271.12  
    North: 690891.8280      East : 1504412.3810  
Line Course: S 00-59-07 W Length: 2634.71  
    North: 688257.5075      East : 1504367.0759  
Line Course: N 67-14-44 W Length: 0.01  
    North: 688257.5114      East : 1504367.0666

### **CLOSURE ON CENTERLINES**

North: 688318.8703      East : 1503168.8225  
Line Course: S 86-45-39 W Length: 211.23  
    North: 688306.9350      East : 1502957.9299  
Line Course: N 29-03-33 W Length: 109.08  
    North: 688402.2838      East : 1502904.9484  
Line Course: N 44-53-08 W Length: 55.00  
    North: 688441.2523      East : 1502866.1353  
Line Course: N 29-03-33 W Length: 28.05  
    North: 688465.7714      East : 1502852.5111  
Curve Length: 135.33      Radius: 200.00  
    Delta: 38-46-10      Tangent: 70.37  
    Chord: 132.76      Course: N 48-26-38 W  
    Course In: S 60-56-27 W      Course Out: N 22-10-17 E  
    RP North: 688368.6288      East : 1502677.6873  
    End North: 688553.8407      East : 1502753.1630  
Line Course: N 67-49-43 W Length: 118.79  
    North: 688598.6695      East : 1502643.1565  
Curve Length: 69.47      Radius: 200.00  
    Delta: 19-54-09      Tangent: 35.09  
    Chord: 69.12      Course: N 57-52-38 W  
    Course In: N 22-10-17 E      Course Out: S 42-04-26 W

RP North: 688783.8813	East : 1502718.6321
End North: 688635.4250	East : 1502584.6145
Line Course: N 47-55-34 W	Length: 82.33
North: 688690.5934	East : 1502523.5024
Curve Length: 44.35	Radius: 200.00
Delta: 12-42-16	Tangent: 22.26
Chord: 44.26	Course: N 54-16-42 W
Course In: S 42-04-26 W	Course Out: N 29-22-10 E
RP North: 688542.1371	East : 1502389.4848
End North: 688716.4322	East : 1502487.5726
Line Course: N 60-37-50 W	Length: 44.36
North: 688738.1881	East : 1502448.9139
Curve Length: 142.20	Radius: 150.00
Delta: 54-18-56	Tangent: 76.95
Chord: 136.93	Course: N 87-47-18 W
Course In: S 29-22-10 W	Course Out: N 24-56-46 W
RP North: 688607.4668	East : 1502375.3481
End North: 688743.4725	East : 1502312.0832
Line Course: S 65-03-14 W	Length: 77.62
North: 688710.7351	East : 1502241.7048
Curve Length: 216.28	Radius: 200.00
Delta: 61-57-30	Tangent: 120.07
Chord: 205.89	Course: S 06-01-59 W
Course In: S 65-03-14 W	Course Out: S 52-59-16 E
RP North: 688626.3819	East : 1502060.3638
End North: 688505.9849	East : 1502220.0652
Line Course: S 37-00-44 W	Length: 69.57
North: 688450.4327	East : 1502178.1851
Curve Length: 108.59	Radius: 200.00
Delta: 31-06-31	Tangent: 55.67
Chord: 107.26	Course: S 21-27-29 W
Course In: S 52-59-16 E	Course Out: N 84-05-47 W
RP North: 688330.0357	East : 1502337.8865
End North: 688350.6067	East : 1502138.9473
Line Course: S 05-54-13 W	Length: 48.38
North: 688302.4833	East : 1502133.9711
Curve Length: 174.61	Radius: 200.00
Delta: 50-01-18	Tangent: 93.31
Chord: 169.12	Course: S 30-54-52 W
Course In: N 84-05-47 W	Course Out: S 34-04-29 E
RP North: 688323.0543	East : 1501935.0319
End North: 688157.3928	East : 1502047.0866
Line Course: S 55-55-31 W	Length: 186.61

North: 688052.8402	East : 1501892.5161
Curve Length: 346.04	Radius: 500.00
Delta: 39-39-12	Tangent: 180.27
Chord: 339.18	Course: N 53-54-05 W
Course In: S 55-55-31 W	Course Out: N 16-16-19 E
RP North: 687772.7034	East : 1501478.3623
End North: 688252.6747	East : 1501618.4606
Line Course: N 73-43-41 W	Length: 144.35
North: 688293.1210	East : 1501479.8929
Curve Length: 144.75	Radius: 500.00
Delta: 16-35-15	Tangent: 72.89
Chord: 144.25	Course: N 65-26-03 W
Course In: N 16-16-19 E	Course Out: S 32-51-34 W
RP North: 688773.0924	East : 1501619.9913
End North: 688353.0903	East : 1501348.7013
Line Course: N 57-08-26 W	Length: 194.19
North: 688458.4539	East : 1501185.5809
Line Course: N 32-51-34 E	Length: 59.48
North: 688508.4173	East : 1501217.8535
Curve Length: 163.86	Radius: 200.00
Delta: 46-56-28	Tangent: 86.84
Chord: 159.31	Course: N 09-23-20 E
Course In: N 57-08-26 W	Course Out: N 75-55-06 E
RP North: 688616.9333	East : 1501049.8527
End North: 688665.5943	East : 1501243.8427
Line Course: N 14-04-54 W	Length: 118.17
North: 688780.2133	East : 1501215.0914
Curve Length: 137.46	Radius: 350.00
Delta: 22-30-10	Tangent: 69.63
Chord: 136.58	Course: N 02-49-49 W
Course In: N 75-55-06 E	Course Out: N 81-34-44 W
RP North: 688865.3699	East : 1501554.5739
End North: 688916.6265	East : 1501208.3474
Line Course: N 08-25-16 E	Length: 189.48
North: 689104.0636	East : 1501236.0963
Curve Length: 239.29	Radius: 350.00
Delta: 39-10-19	Tangent: 124.53
Chord: 234.65	Course: N 11-09-53 W
Course In: N 81-34-44 W	Course Out: N 59-14-57 E
RP North: 689155.3203	East : 1500889.8698
End North: 689334.2772	East : 1501190.6595
Line Course: N 59-14-57 E	Length: 175.35
North: 689423.9347	East : 1501341.3551

Curve Length: 32.89                      Radius: 200.00  
     Delta: 9-25-17                      Tangent: 16.48  
     Chord: 32.85                          Course: N 63-57-36 E  
     Course In: S 30-45-03 E              Course Out: N 21-19-46 W  
     RP North: 689252.0549              East : 1501443.6162  
     End North: 689438.3557              East : 1501370.8702  
 Line Course: N 68-40-14 E Length: 41.81  
     North: 689453.5633                  East : 1501409.8164  
 Curve Length: 107.46                      Radius: 200.00  
     Delta: 30-47-06                      Tangent: 55.06  
     Chord: 106.17                          Course: N 53-16-41 E  
     Course In: N 21-19-46 W              Course Out: S 52-06-52 E  
     RP North: 689639.8642              East : 1501337.0704  
     End North: 689517.0469              East : 1501494.9182  
 Line Course: N 37-53-08 E Length: 56.45  
     North: 689561.5995                  East : 1501529.5833  
 Line Course: N 52-06-52 W Length: 30.00  
     North: 689580.0221                  East : 1501505.9062  
 Curve Length: 50.59                      Radius: 230.00  
     Delta: 12-36-09                      Tangent: 25.40  
     Chord: 50.49                          Course: N 44-11-13 E  
     Course In: S 52-06-52 E              Course Out: N 39-30-43 W  
     RP North: 689438.7822              East : 1501687.4311  
     End North: 689616.2254              East : 1501541.0961  
 Line Course: N 11-04-22 E Length: 436.79  
     North: 690044.8841                  East : 1501624.9842  
 Line Course: N 84-00-15 E Length: 78.86  
     North: 690053.1215                  East : 1501703.4128  
 Line Course: S 40-51-40 E Length: 612.47  
     North: 689589.9119                  East : 1502104.1076  
 Line Course: S 31-01-24 E Length: 54.15  
     North: 689543.5076                  East : 1502132.0158  
 Line Course: S 25-38-29 E Length: 325.20  
     North: 689250.3333                  East : 1502272.7419  
 Curve Length: 75.03                      Radius: 200.00  
     Delta: 21-29-38                      Tangent: 37.96  
     Chord: 74.59                          Course: S 36-23-18 E  
     Course In: N 64-21-31 E              Course Out: S 42-51-53 W  
     RP North: 689336.8807              East : 1502453.0459  
     End North: 689190.2883              East : 1502316.9920  
 Line Course: S 47-08-07 E Length: 530.15  
     North: 688829.6433                  East : 1502705.5717  
 Curve Length: 75.19                      Radius: 119.00

Delta: 36-12-04	Tangent: 38.90
Chord: 73.94	Course: S 65-14-09 E
Course In: N 42-51-53 E	Course Out: S 06-39-49 W
RP North: 688916.8658	East : 1502786.5238
End North: 688798.6697	East : 1502772.7151
Curve Length: 48.00	Radius: 160.61
Delta: 17-07-21	Tangent: 24.18
Chord: 47.82	Course: N 88-06-09 E
Course In: N 06-39-49 E	Course Out: S 10-27-32 E
RP North: 688958.1947	East : 1502791.3522
End North: 688800.2532	East : 1502820.5078
Curve Length: 80.96	Radius: 227.40
Delta: 20-23-53	Tangent: 40.91
Chord: 80.53	Course: N 69-20-32 E
Course In: N 10-27-32 W	Course Out: S 30-51-25 E
RP North: 689023.8750	East : 1502779.2278
End North: 688828.6633	East : 1502895.8605
Line Course: S 65-02-48 E	Length: 133.91
North: 688772.1694	East : 1503017.2702
Line Course: S 18-29-14 E	Length: 477.96
North: 688318.8748	East : 1503168.8280
Line Course: S 53-06-01 W	Length: 0.01
North: 688318.8688	East : 1503168.8200