

STAFF REPORT

(Final Plat, Overall Preliminary Plat Approved 10/12/06)

CASE NUMBER: SUB 2007-24 -- MONARCH LANDING 2ND ADDITION

OWNER/APPLICANT: Monarch Landing LLC, Attn: Rob Ramseyer, 8100 E. 22nd St., Bldg. #1000, Wichita, KS 67226

SURVEYOR/AGENT: MKEC Engineering Consultants, Attn: Greg Allison, 411 N. Webb Rd., Wichita, KS 67206

LOCATION: North of 21st St. North, West of 159th St. East

SITE SIZE: 37.9 acres

NUMBER OF LOTS

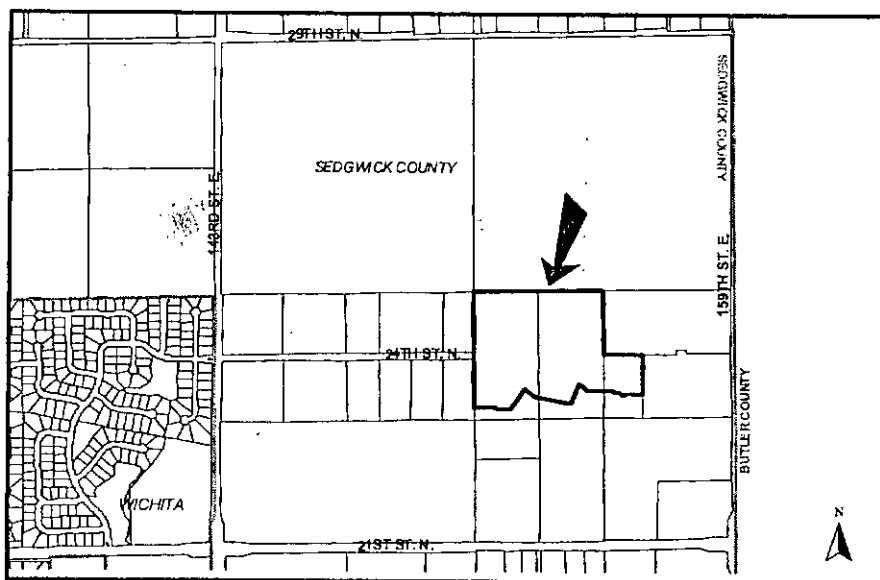
Residential:	93
Office:	
Commercial:	
Industrial:	
Total:	93

MINIMUM LOT AREA: 9,979 square feet

CURRENT ZONING: SF-5, Single-Family Residential

PROPOSED ZONING: Same

VICINITY MAP



NOTE: This final plat consists of the north portion of the overall preliminary plat approved for the site and represents the second phase of development. The street layout and number of lots is consistent with the preliminary plat.

STAFF COMMENTS:

- A. The applicant shall guarantee the extension of City water and sanitary sewer (main and lateral) to serve the lots being platted.
- B. If improvements are guaranteed by petition, a notarized certificate listing the petitions shall be submitted to the Planning Department for recording.
- C. City/County Engineering needs to comment on the status of the applicant's drainage plan. County Engineering requests a drainage plan.
- D. The Applicant shall guarantee the paving of the proposed streets. The guarantee shall also provide for sidewalks on at least one side of all through, non cul-de-sac streets.
- E. In accordance with the KS Wetland Mapping Conventions under the Memorandum of Understanding between the USDA-NRCS; USEPA; USACE; and USF&WS, this site has been identified as one with potential wetland hydrology. The US Army Corps of Engineers (USACE) should be contacted (316-322-8247) to have a wetland determination completed.
- F. Provisions shall be made for ownership and maintenance of the proposed reserves. The applicant shall either form a lot owners' association prior to recording the plat or shall submit a covenant stating when the association will be formed, when the reserves will be deeded to the association and who is to own and maintain the reserves prior to the association taking over those responsibilities.
- G. For those reserves being platted for drainage purposes, the required covenant that provides for ownership and maintenance of the reserves, shall grant to the appropriate governing body the authority to maintain the drainage reserves in the event the owner(s) fail to do so. The covenant shall provide for the cost of such maintenance to be charged back to the owner(s) by the governing body.
- H. The applicant shall submit a covenant which provides for four (4) off-street parking spaces per dwelling unit on each lot which abuts a 58-foot street. The covenant shall inventory the affected lots by lot and block number and shall state that the covenant runs with the land and is binding on future owners and assigns.
- I. GIS needs to comment on the plat's street names. Various streets need to be labeled.
- J. On the final plat, the MAPC signature block needs to reference the new Chair.
- K. The vacation language shall be deleted from the certificate of survey.
- L. The Applicant is reminded that a platting binder is required with the final plat. Approval of this plat will be subject to submittal of this binder and any relevant conditions found by such a review.

- M. The platator's text shall include language that a drainage plan has been developed for the plat and that all drainage easements, rights-of-way, or reserves shall remain at established grades or as modified with the approval of the applicable City or County Engineer, and unobstructed to allow for the conveyance of stormwater.
- N. The applicant shall install or guarantee the installation of all utilities and facilities that are applicable and described in Article 8 of the MAPC Subdivision Regulations. (Water service and fire hydrants required by Article 8 for fire protection shall be as per the direction and approval of the Chief of the Fire Department.)
- O. The applicant's engineer is advised that the Register of Deeds is requiring the name(s) of the notary public, who acknowledges the signatures on this plat, to be printed beneath the notary's signature.
- P. To receive mail delivery without delay, and to avoid unnecessary expense, the applicant is advised of the necessity to meet with the U.S. Postal Service Growth Management Coordinator (Phone: 316-946-4556) prior to development of the plat so that the type of delivery, and the tentative mailbox locations can be determined.
- Q. The applicant is advised that various State and Federal requirements (specifically but not limited to the Army Corps of Engineers, Kanopolis Project Office, Rt. 1, Box 317, Valley Center, KS 67147) for the control of soil and wind erosion and the protection of wetlands may impact how this site can be developed. It is the applicant's responsibility to contact all appropriate agencies to determine any such requirements.
- R. The owner of the subdivision should note that any construction that results in earthwork activities that will disturb one (1) acre or more of ground cover requires a Federal/State NPDES Storm Water Discharge Permit from the Kansas Department of Health and Environment in Topeka. Also, for projects located within the City of Wichita, erosion and sediment control devices must be used on ALL projects. For projects outside of the City of Wichita, but within the Wichita Metropolitan area, the owner should contact the appropriate governmental jurisdiction concerning erosion and sediment control device requirements.
- S. Perimeter closure computations shall be submitted with the final plat tracing.
- T. Recording of the plat within 30 days after approval by the City Council and/or County Commission.
- U. The representatives from the utility companies should be prepared to comment on the need for any additional utility easements to be platted on this property.
- V. A compact disc (CD), which will be used by the City and County GIS Departments, detailing the final plat in digital format in AutoCAD. If a disc is not provided, please send via e-mail to Cheryl Holloway (E-Mail address: cholloway@wichita.gov). Please include the name of the plat on the disc.

APD
Copy

Monarch Landing Second Addition

Parcel Closure
Project: J:\CIVIL\06201\
COGO Revisions: none
Date: Wednesday, May 30, 2007
Client Contact: Rob Ramseyer
rob@ritchieassociates.com
(316) 684-7300

Parcel name: SE 1/4, Section 1, Township 27 South, Range 2 East, 6th P.M. - measured

Line Course: N 00-32-53.3 W Length: 1328.850	North: 1700040.502 East: 1699467.458
Line Course: N 00-32-15.5 W Length: 1328.589	North: 1701369.291 East: 1699454.745
Line Course: N 88-59-39.3 E Length: 1326.814	North: 1702697.822 East: 1699442.279
Line Course: N 88-58-46.1 E Length: 1326.662	North: 1702721.111 East: 1700768.888
Line Course: S 00-38-45.7 E Length: 1327.300	North: 1702744.740 East: 1702095.340
Line Course: S 00-38-45.7 E Length: 1327.249	North: 1701417.524 East: 1702110.305
Line Course: S 88-55-31.1 W Length: 2658.280	North: 1700090.359 East: 1702125.270
	North: 1700040.501 East: 1699467.458

Perimeter: 10623.744 Area: 7,053,710 sq.ft. 161.93 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.001 Course: S 23-13-03.9 W
Error North: -0.0010 East: -0.0004
Precision 1: 10,623,744.000

Parcel name: FINAL PLAT BOUNDARY - p2FPB 1

Line Course: N 88-59-39.3 E Length: 1326.814	North: 1702697.822 East: 1699442.278
Line Course: S 00-35-58.4 E Length: 666.090	North: 1702721.111 East: 1700768.888
Line Course: N 88-58-37.7 E Length: 394.928	North: 1702055.058 East: 1700775.858
Line Course: S 00-34-24.5 E Length: 416.710	North: 1702062.108 East: 1701170.723
Line Course: S 88-58-37.8 W Length: 174.662	North: 1701645.419 East: 1701174.893
	North: 1701642.301 East: 1701000.259
Curve Length: 30.306 Radius: 284.000	
Delta: 6-06-50.8 Tangent: 15.167	
Chord: 30.292 Course: S 29-47-38.3 W	
Course In: N 63-15-47.1 W Course Out: S 57-08-56.3 E	
RP North: 1701770.071 East: 1700746.624	
End North: 1701616.013 East: 1700985.208	

Curve Length: 172.367 Radius: 207.000
 Delta: 47-42-34.9 Tangent: 91.535
 Chord: 167.430 Course: N 67-10-05.0 W
 Course In: S 46-41-12.4 W Course Out: N 01-01-22.5 W
 RP North: 1701474.014 East: 1700834.591
 End North: 1701680.981 East: 1700830.896
 Line Course: S 88-58-37.8 W Length: 150.931
 North: 1701678.286 East: 1700679.989

Curve Length: 99.889 Radius: 168.000
 Delta: 34-03-59.8 Tangent: 51.470
 Chord: 98.424 Course: N 73-59-22.3 W
 Course In: N 01-01-22.2 W Course Out: S 33-02-37.6 W
 RP North: 1701846.260 East: 1700676.990
 End North: 1701705.433 East: 1700585.383
 Curve Length: 68.864 Radius: 382.000
 Delta: 10-19-43.9 Tangent: 34.526
 Chord: 68.771 Course: N 62-07-14.4 W
 Course In: S 33-02-37.6 W Course Out: N 22-42-53.7 E
 RP North: 1701385.220 East: 1700377.086
 End North: 1701737.591 East: 1700524.594
 Line Course: S 22-42-53.7 W Length: 64.000
 North: 1701678.555 East: 1700499.881

Line Course: S 22-42-53.7 W Length: 141.212
 North: 1701548.296 East: 1700445.352

Line Course: N 78-05-00.5 W Length: 28.187
 North: 1701554.116 East: 1700417.773

Line Course: N 81-17-25.7 W Length: 356.432
 North: 1701608.089 East: 1700065.451

Line Course: N 47-16-53.5 W Length: 130.000
 North: 1701696.280 East: 1699969.940

Line Course: S 33-57-08.5 W Length: 258.359
 North: 1701481.971 East: 1699825.646

Line Course: S 87-29-14.2 W Length: 148.054
 North: 1701475.480 East: 1699677.734

Curve Length: 22.521 Radius: 782.000
 Delta: 1-39-00.4 Tangent: 11.262
 Chord: 22.521 Course: N 04-11-06.6 W
 Course In: S 86-38-23.6 W Course Out: N 84-59-23.2 E
 RP North: 1701429.646 East: 1698897.079
 End North: 1701497.941 East: 1699676.091
 Line Course: S 84-59-23.2 W Length: 64.000
 North: 1701492.352 East: 1699612.335

Line Course: S 89-27-44.5 W Length: 158.738
 North: 1701490.862 East: 1699453.604

Line Course: N 00-32-15.5 W Length: 1207.015
 North: 1702697.824 East: 1699442.278

Perimeter: 6080.081 Area: 1,651,815 sq.ft. 37.92 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.002 Course: N 08-12-07.3 E

North: 0.0020 East: 0.0003

Precision 1: 3,036,785.000

Parcel name: RESERVE "A" - p2Res1

North: 1702487.665 East: 1700316.096

Curve Length: 122.097 Radius: 629.000
 Delta: 11-07-18.6 Tangent: 61.241
 Chord: 121.905 Course: N 86-19-43.2 E
 Course In: N 01-53-22.5 E Course Out: S 09-13-56.1 E
 RP North: 1703116.323 East: 1700336.836
 End North: 1702495.471 East: 1700437.750

Curve Length: 228.611 Radius: 121.000
 Delta: 108-15-05.1 Tangent: 167.313
 Chord: 196.094 Course: S 45-06-23.6 E
 Course In: S 09-13-56.1 E Course Out: S 80-58-51.0 E
 RP North: 1702376.039 East: 1700457.163
 End North: 1702357.070 East: 1700576.667

Curve Length: 82.784 Radius: 429.000
 Delta: 11-03-22.8 Tangent: 41.521
 Chord: 82.655 Course: S 03-29-27.6 W
 Course In: S 80-58-51.0 E Course Out: S 87-57-46.2 W
 RP North: 1702289.818 East: 1701000.363
 End North: 1702274.568 East: 1700571.634

Line Course: S 88-59-39.3 W Length: 87.768

North: 1702273.028 East: 1700483.880

Line Course: N 59-46-26.9 W Length: 83.007

North: 1702314.814 East: 1700412.158

Line Course: N 59-46-26.9 W Length: 85.000

North: 1702357.604 East: 1700338.714

Line Course: N 09-51-54.8 W Length: 132.013

North: 1702487.665 East: 1700316.096

Perimeter: 821.280 Area: 44,597 sq.ft. 1.02 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.000 Course: S 69-20-33.1 E

North: -0.0001 East: 0.0004

Precision 1: 788,442,000.000

Parcel name: RESERVE "B" - p2Res2

North: 1702554.998 East: 1700453.361

Curve Length: 25.040 Radius: 179.000
 Delta: 8-00-54.5 Tangent: 12.541
 Chord: 25.020 Course: S 84-46-31.1 W
 Course In: S 01-13-01.6 E Course Out: N 09-13-56.1 W
 RP North: 1702376.039 East: 1700457.164
 End North: 1702552.720 East: 1700428.445

Curve Length: 5.097 Radius: 571.000
 Delta: 0-30-41.2 Tangent: 2.549
 Chord: 5.097 Course: S 81-01-24.5 W
 Course In: N 09-13-56.1 W Course Out: S 08-43-14.9 E
 RP North: 1703116.323 East: 1700336.836
 End North: 1702551.925 East: 1700423.411

Line Course: N 01-00-20.7 W Length: 163.096

Line Course: N 88-59-39.3 E Length: 30.000

North: 1702714.996 East: 1700420.548

Line Course: S 01-00-20.7 E Length: 160.549

North: 1702715.522 East: 1700450.543

North: 1702554.998 East: 1700453.362

Perimeter: 383.782 Area: 4,843 sq.ft. 0.11 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.000 Course: S 06-09-16.8 E

North: -0.0005 East: 0.0000

Precision 1: 383,762,000.000

Parcel name: FLUTTER CIR. - p2ST 1

Curve Length: 175.845 Radius: 255.000
 Delta: 39-30-37.9 Tangent: 91.581
 Chord: 172.382 Course: N 19-10-54.4 E
 Course In: N 51-03-46.6 W Course Out: N 89-25-35.5 E
 RP North: 1701770.070 East: 1700746.625
 End North: 1701772.622 East: 1701001.612
 Line Course: N 00-34-24.5 W Length: 171.429

North: 1701609.811 East: 1700944.973

North: 1701944.043 East: 1700999.896

Parcel name: 24TH STREET - p2ST 2

Curve Length: 100.387 Radius: 350.000
 Delta: 16-26-01.0 Tangent: 50.541
 Chord: 100.043 Course: N 75-30-06.8 W
 Course In: S 22-42-53.7 W Course Out: N 06-16-52.7 E
 RP North: 1701385.219 East: 1700377.087
 End North: 1701733.118 East: 1700415.381
 Curve Length: 41.489 Radius: 350.000
 Delta: 6-47-30.9 Tangent: 20.769
 Chord: 41.465 Course: N 87-06-52.7 W
 Course In: S 06-16-52.7 W Course Out: N 00-30-38.2 W
 RP North: 1701385.219 East: 1700377.088
 End North: 1701735.205 East: 1700373.969
 Curve Length: 377.245 Radius: 500.000
 Delta: 43-13-44.7 Tangent: 198.111
 Chord: 368.361 Course: N 68-53-45.8 W
 Course In: N 00-30-38.2 W Course Out: S 42-43-06.5 W
 RP North: 1702235.185 East: 1700369.513
 End North: 1701867.837 East: 1700030.314
 Line Course: N 47-16-53.5 W Length: 135.181

North: 1701708.072 East: 1700512.239

North: 1701959.544 East: 1699930.997

Curve Length: 13.005 Radius: 350.000
 Delta: 2-07-44.5 Tangent: 6.504
 Chord: 13.005 Course: N 48-20-45.8 W
 Course In: S 42-43-06.5 W Course Out: N 40-35-22.0 E
 RP North: 1701702.400 East: 1699693.559

End North: 1701968.187 East: 1699921.280
 Curve Length: 298.472 Radius: 350.000
 Delta: 48-51-38.1 Tangent: 158.990
 Chord: 289.510 Course: N 73-50-27.1 W
 Course In: S 40-35-22.0 W Course Out: N 08-16-16.1 W
 RP North: 1701702.400 East: 1699693.558
 End North: 1702048.760 East: 1699643.208
 Curve Length: 134.975 Radius: 1000.000
 Delta: 7-44-00.6 Tangent: 67.590
 Chord: 134.873 Course: S 85-35-44.2 W
 Course In: N 08-16-16.1 W Course Out: S 00-32-15.5 E
 RP North: 1703038.358 East: 1699499.351
 End North: 1702038.402 East: 1699508.734
 Line Course: S 89-27-44.5 W Length: 60.265

North: 1702037.837 East: 1699448.471

Parcel name: CHELEMSFORD / MAINSGATE / RIDGEHURST - p2ST 3

Curve Length: 142.444 Radius: 200.000
 Delta: 40-48-25.6 Tangent: 74.393
 Chord: 139.452 Course: N 17-52-56.3 E
 Course In: N 51-42-50.9 W Course Out: N 87-28-43.5 E
 RP North: 1702092.104 East: 1699764.294
 End North: 1702100.902 East: 1699964.101
 Line Course: N 02-31-16.5 W Length: 228.046

North: 1701968.187 East: 1699921.280

Curve Length: 162.833 Radius: 200.000
 Delta: 46-38-53.1 Tangent: 86.233
 Chord: 158.372 Course: N 20-48-10.0 E
 Course In: N 87-28-43.5 E Course Out: N 45-52-23.4 W
 RP North: 1702337.525 East: 1700153.876
 End North: 1702476.775 East: 1700010.315
 Curve Length: 206.276 Radius: 200.000
 Delta: 59-05-37.5 Tangent: 113.371
 Chord: 197.254 Course: N 73-40-25.3 E
 Course In: S 45-52-23.4 E Course Out: N 13-13-14.1 E
 RP North: 1702337.525 East: 1700153.875
 End North: 1702532.224 East: 1700199.615
 Curve Length: 235.126 Radius: 600.000
 Delta: 22-27-10.2 Tangent: 119.091
 Chord: 233.624 Course: S 88-00-21.0 E
 Course In: N 13-13-14.1 E Course Out: S 09-13-56.1 E
 RP North: 1703116.323 East: 1700336.836
 End North: 1702524.095 East: 1700433.098
 Curve Length: 137.323 Radius: 150.000
 Delta: 52-27-12.7 Tangent: 73.896
 Chord: 132.577 Course: S 73-00-19.8 E
 Course In: S 09-13-56.1 E Course Out: N 43-13-16.6 E
 RP North: 1702376.038 East: 1700457.163
 End North: 1702485.345 East: 1700559.886
 Curve Length: 146.079 Radius: 150.000
 Delta: 55-47-52.4 Tangent: 79.417

North: 1702328.727 East: 1699954.069

Chord: 140.374 Course: S 18-52-47.2 E
 Course In: S 43-13-16.6 W Course Out: S 80-58-51.0 E
 RP North: 1702376.038 East: 1700457.163
 End North: 1702352.523 East: 1700605.308
 Curve Length: 169.281 Radius: 400.000
 Delta: 24-14-51.6 Tangent: 85.927
 Chord: 168.020 Course: S 03-06-16.8 E
 Course In: S 80-58-51.0 E Course Out: S 74-46-17.4 W
 RP North: 1702289.818 East: 1701000.363
 End North: 1702184.750 East: 1700614.408
 Curve Length: 138.603 Radius: 200.000
 Delta: 39-42-24.4 Tangent: 72.215
 Chord: 135.846 Course: S 04-37-29.6 W
 Course In: S 74-46-17.4 W Course Out: S 65-31-18.2 E
 RP North: 1702132.216 East: 1700421.431
 End North: 1702049.346 East: 1700603.455
 Curve Length: 86.417 Radius: 200.000
 Delta: 24-45-24.3 Tangent: 43.894
 Chord: 85.747 Course: S 36-51-24.0 W
 Course In: N 65-31-18.2 W Course Out: S 40-45-53.9 E
 RP North: 1702132.216 East: 1700421.431
 End North: 1701980.737 East: 1700552.022
 Line Course: S 49-14-06.1 W Length: 80.878

North: 1701927.927 East: 1700490.766

Curve Length: 149.937 Radius: 200.000
 Delta: 42-57-13.4 Tangent: 78.689
 Chord: 146.450 Course: S 27-45-29.4 W
 Course In: S 40-45-53.9 E Course Out: N 83-43-07.3 W
 RP North: 1701776.448 East: 1700621.357
 End North: 1701798.330 East: 1700422.558
 Line Course: S 06-16-52.7 W Length: 65.607

North: 1701733.117 East: 1700415.380

Parcel name: CHELMSFORD CT. - p2ST 4

Curve Length: 161.494 Radius: 120.000
 Delta: 77-06-27.7 Tangent: 95.637
 Chord: 149.580 Course: S 60-43-24.1 E
 Course In: N 67-49-49.8 E Course Out: S 09-16-37.9 E
 RP North: 1702219.053 East: 1700400.122
 End North: 1702100.623 East: 1700419.467
 Curve Length: 177.918 Radius: 225.000
 Delta: 45-18-23.5 Tangent: 93.904
 Chord: 173.319 Course: S 76-37-26.2 E
 Course In: S 09-16-37.9 E Course Out: N 36-01-45.6 E
 RP North: 1701878.566 East: 1700455.740
 End North: 1702060.527 East: 1700588.084
 Line Course: S 53-58-14.4 E Length: 19.007

North: 1702173.771 East: 1700288.993

North: 1702049.347 East: 1700603.456

Parcel name: CHELMSFORD CT. - p2ST 5

Line Course: S 53-58-14.4 E Length: 45.755 North: 1702049.347 East: 1700603.456

North: 1702022.434 East: 1700640.458

Parcel name: MAINSGATE CT. - p2ST 6

Line Course: S 43-13-16.6 W Length: 67.366 North: 1702534.437 East: 1700606.020

North: 1702485.346 East: 1700559.886

Parcel name: RIDGEHURST CT. - p2ST 7

Line Course: N 45-52-23.4 W Length: 67.500 North: 1702476.776 East: 1700010.315

North: 1702523.773 East: 1699961.864

Parcel name: GRAYSTONE / GRAYSTONE CIR. - p2ST 8

Curve Length: 21.202 Radius: 750.000 North: 1701495.145 East: 1699644.213

Delta: 1-37-10.9 Tangent: 10.602

Chord: 21.201 Course: N 05-49-12.3 W

Course In: S 84-59-23.2 W Course Out: N 83-22-12.3 E

RP North: 1701429.645 East: 1698897.079

End North: 1701516.237 East: 1699642.063

Curve Length: 142.647 Radius: 1000.000

Delta: 8-10-23.1 Tangent: 71.445

Chord: 142.526 Course: N 02-32-36.2 W

Course In: N 83-22-12.3 E Course Out: N 88-27-24.6 W

RP North: 1701631.692 East: 1700635.376

End North: 1701658.622 East: 1699635.739

Curve Length: 108.443 Radius: 1000.000

Delta: 6-12-47.9 Tangent: 54.274

Chord: 108.389 Course: N 04-38-59.3 E

Course In: S 88-27-24.6 E Course Out: N 82-14-36.7 W

RP North: 1701631.692 East: 1700635.376

End North: 1701766.654 East: 1699644.525

Curve Length: 254.240 Radius: 1000.000

Delta: 14-34-00.7 Tangent: 127.809

Chord: 253.555 Course: N 00-28-22.9 E

Course In: N 82-14-36.7 W Course Out: N 83-11-22.6 E

RP North: 1701901.617 East: 1698653.675

End North: 1702020.201 East: 1699646.619

Line Course: N 06-48-37.4 W Length: 28.761

North: 1702048.759 East: 1699643.208

Line Course: N 06-48-37.4 W Length: 154.205

North: 1702201.876 East: 1699624.922

Curve Length: 147.050 Radius: 800.000

Delta: 10-31-54.0 Tangent: 73.733

Chord: 146.843 Course: N 01-32-40.4 W

Course In: N 83-11-22.6 E Course Out: N 86-16-43.4 W

RP North: 1702296.743 East: 1700419.277

End North: 1702348.665 East: 1699620.964

Line Course: N 03-43-16.6 E Length: 178.311

North: 1702526.600 East: 1699632.537

Parcel name: GRAYSTONE CT. - p2ST 9

Line Course: S 88-27-24.6 E Length: 94.275

North: 1701658.622 East: 1699635.739

North: 1701656.083 East: 1699729.980

Parcel name: Block 1, Lot 1

Line Course: N 88-58-37.8 E Length: 147.457

North: 1701722.781 East: 1701026.660

North: 1701725.413 East: 1701174.094

Line Course: S 00-34-24.5 E Length: 80.000

North: 1701645.417 East: 1701174.894

Line Course: S 88-58-37.8 W Length: 174.662

North: 1701642.299 East: 1701000.260

Curve Length: 85.018

Radius: 284.000

Delta: 17-09-07.2

Tangent: 42.829

Chord: 84.701

Course: N 18-09-39.3 E

Course In: N 63-15-47.1 W Course Out: S 80-24-54.3 E

RP North: 1701770.070 East: 1700746.625

End North: 1701722.781 East: 1701026.660

Perimeter: 487.136 Area: 12,704 sq.ft. 0.29 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.000

Course: S 86-03-16.8 E

North: -0.0000 East: 0.0002

Precision 1: 486,820,000.000

Parcel name: Block 1, Lot 2

Curve Length: 50.352

Radius: 284.000

Delta: 10-09-30.2

Tangent: 25.242

Chord: 50.287

Course: N 04-30-20.6 E

Course In: N 80-24-54.3 W Course Out: N 89-25-35.5 E

RP North: 1701770.070 East: 1700746.625

End North: 1701772.913 East: 1701030.611

Line Course: N 00-34-24.5 W Length: 29.948

North: 1701722.781 East: 1701026.660

North: 1701802.859 East: 1701030.311

Line Course: N 88-58-37.8 E Length: 143.004

North: 1701805.412 East: 1701173.292

Line Course: S 00-34-24.5 E Length: 80.002

North: 1701725.414 East: 1701174.093

Line Course: S 88-58-37.8 W Length: 147.457

North: 1701722.782 East: 1701026.659

Perimeter: 450.764 Area: 11,514 sq.ft. 0.26 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.001

Course: N 53-55-01.7 W

North: 0.0006 East: -0.0008
 Precision 1: 450,698.000

Parcel name: Block 1, Lot 3

Line Course: S 00-34-24.5 E Length: 80.002	North: 1701882.857 East: 1701029.510
Line Course: N 88-58-37.8 E Length: 143.004	North: 1701802.859 East: 1701030.311
Line Course: N 00-34-24.5 W Length: 80.002	North: 1701805.412 East: 1701173.292
Line Course: S 88-58-37.8 W Length: 143.004	North: 1701885.410 East: 1701172.491
	North: 1701882.857 East: 1701029.510

Perimeter: 446.014 Area: 11,440 sq.ft. 0.26 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.000 Course: S 90-00-00.0 E
 North: 0.0000 East: 0.0000
 Precision 1: 446,012,000.000

Parcel name: Block 1, Lot 4

Curve Length: 60.318 Radius: 50.000	North: 1701957.103 East: 1701048.160
Delta: 69-07-07.6 Tangent: 34.440	
Chord: 56.726 Course: S 19-24-59.7 W	
Course In: S 74-51-25.9 W Course Out: S 36-01-26.5 E	
RP North: 1701944.042 East: 1700999.896	
End North: 1701903.604 East: 1701029.302	
Line Course: S 00-34-24.5 E Length: 20.747	North: 1701882.858 East: 1701029.510
Line Course: N 88-58-37.8 E Length: 143.004	North: 1701885.410 East: 1701172.491
Line Course: N 00-34-24.5 W Length: 80.002	North: 1701965.408 East: 1701171.691
Line Course: S 88-58-37.8 W Length: 99.415	North: 1701963.634 East: 1701072.291
Line Course: S 74-51-25.9 W Length: 25.000	North: 1701957.103 East: 1701048.159

Perimeter: 428.486 Area: 10,392 sq.ft. 0.23 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.001 Course: S 63-54-41.0 W
 North: -0.0003 East: -0.0006
 Precision 1: 424,894.000

Parcel name: Block 1, Lot 5

Curve Length: 65.826 Radius: 50.000	North: 1701957.103 East: 1701048.160
-------------------------------------	--------------------------------------

Line Course: S 01-01-22.2 E Length: 39.646
 North: 1701854.432 East: 1700809.445
 Line Course: N 88-58-37.8 E Length: 162.344
 North: 1701857.330 East: 1700971.763
 Line Course: N 00-34-24.5 W Length: 45.695
 North: 1701903.023 East: 1700971.305
 Curve Length: 46.015 Radius: 50.000
 Delta: 52-43-45.9 Tangent: 24.782
 Chord: 44.408 Course: N 28-45-29.7 W
 Course In: N 34-52-37.4 E Course Out: S 87-36-23.3 W
 RP North: 1701944.042 East: 1700999.896
 End North: 1701941.953 East: 1700949.940
 Line Course: S 88-58-37.8 W Length: 142.035
 North: 1701939.418 East: 1700807.928

Perimeter: 481.089 Area: 13,259 sq.ft. 0.30 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.001 Course: S 32-03-04.1 E
 North: -0.0006 East: 0.0004
 Precision 1: 479,482.000

Parcel name: Block 1, Lot 8

Line Course: N 01-01-22.2 W Length: 85.000
 North: 1701769.446 East: 1700810.962
 Line Course: N 88-58-37.8 E Length: 162.344
 North: 1701854.432 East: 1700809.445
 Line Course: S 00-34-24.5 E Length: 85.003
 North: 1701857.330 East: 1700971.763
 Line Course: S 88-58-37.8 W Length: 161.677
 North: 1701772.331 East: 1700972.614
 North: 1701769.445 East: 1700810.962

Perimeter: 494.024 Area: 13,770 sq.ft. 0.31 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.001 Course: S 42-38-20.8 E
 North: -0.0004 East: 0.0003
 Precision 1: 494,024.000

Parcel name: Block 1, Lot 9

Line Course: N 88-58-37.8 E Length: 161.677
 North: 1701769.446 East: 1700810.962
 North: 1701772.332 East: 1700972.613
 Curve Length: 126.012 Radius: 226.000
 Delta: 31-56-48.1 Tangent: 64.691
 Chord: 124.386 Course: S 15-23-59.5 W
 Course In: S 89-25-35.5 W Course Out: S 58-37-36.4 E
 RP North: 1701770.070 East: 1700746.625
 End North: 1701652.412 East: 1700939.582
 Curve Length: 113.805 Radius: 207.000

Delta: 31-30-00.9 Tangent: 58.381
 Chord: 112.377 Course: N 75-16-22.0 W
 Course In: S 30-28-38.4 W Course Out: N 01-01-22.5 W
 RP North: 1701474.013 East: 1700834.592
 End North: 1701680.980 East: 1700830.897
 Line Course: S 88-58-37.8 W Length: 18.353

North: 1701680.652 East: 1700812.547

Line Course: N 01-01-22.2 W Length: 88.807

North: 1701769.445 East: 1700810.962

Perimeter: 508.654 Area: 15,124 sq.ft. 0.34 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.001 Course: S 34-41-17.5 W
 North: -0.0005 East: -0.0004
 Precision 1: 505,600.000

Parcel name: Block 1, Lot 10

Line Course: S 01-01-22.2 E Length: 157.014

North: 1701836.124 East: 1700724.758

Line Course: N 88-58-37.8 E Length: 85.000

North: 1701679.135 East: 1700727.561

Line Course: N 01-01-22.2 W Length: 88.807

North: 1701680.653 East: 1700812.547

Line Course: N 01-01-22.2 W Length: 85.000

North: 1701769.445 East: 1700810.962

Line Course: S 77-48-04.9 W Length: 86.643

North: 1701854.432 East: 1700809.445

North: 1701836.124 East: 1700724.758

Perimeter: 502.465 Area: 14,059 sq.ft. 0.32 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.000 Course: S 02-21-12.8 E
 North: -0.0002 East: 0.0000
 Precision 1: 502,464,000.000

Parcel name: Block 1, Lot 11

Line Course: N 77-48-04.9 E Length: 75.000

North: 1701820.277 East: 1700651.451

Line Course: S 01-01-22.2 E Length: 157.014

North: 1701836.124 East: 1700724.758

Line Course: S 88-58-37.8 W Length: 47.578

North: 1701679.135 East: 1700727.561

North: 1701678.286 East: 1700679.990

Curve Length: 56.233 Radius: 168.000
 Delta: 19-10-41.0 Tangent: 28.382
 Chord: 55.971 Course: N 81-26-01.7 W
 Course In: N 01-01-22.2 W Course Out: S 18-09-18.8 W
 RP North: 1701846.259 East: 1700676.991
 End North: 1701686.623 East: 1700624.644

Line Course: N 11-20-29.9 E Length: 136.316

North: 1701820.277 East: 1700651.452

Perimeter: 472.142 Area: 13,063 sq.ft. 0.29 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.000 Course: N 17-20-06.5 E

North: 0.0003 East: 0.0001

Precision 1: 471,879,000.000

Parcel name: Block 1, Lot 12

Line Course: N 64-51-27.6 W Length: 75.854 North: 1701820.277 East: 1700651.451

Line Course: S 23-45-32.1 W Length: 128.556 North: 1701852.505 East: 1700582.784

Curve Length: 61.904 Radius: 382.000 North: 1701734.844 East: 1700530.990
 Delta: 9-17-05.5 Tangent: 31.020

Chord: 61.836 Course: S 61-35-55.2 E

Course In: S 23-45-32.1 W Course Out: N 33-02-37.6 E

RP North: 1701385.219 East: 1700377.087

End North: 1701705.432 East: 1700585.384

Curve Length: 43.656 Radius: 168.000

Delta: 14-53-18.8 Tangent: 21.951

Chord: 43.533 Course: S 64-24-01.8 E

Course In: N 33-02-37.6 E Course Out: S 18-09-18.8 W

RP North: 1701846.259 East: 1700676.991

End North: 1701686.622 East: 1700624.643

Line Course: N 11-20-29.9 E Length: 136.316

North: 1701820.276 East: 1700651.451

Perimeter: 446.284 Area: 11,834 sq.ft. 0.27 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.001 Course: S 49-09-45.1 W

North: -0.0003 East: -0.0004

Precision 1: 446,095.000

Parcel name: Block 1, Lot 13

Line Course: N 64-51-27.6 W Length: 95.521 North: 1701852.504 East: 1700582.785

Curve Length: 109.612 Radius: 171.000 North: 1701893.088 East: 1700496.314
 Delta: 36-43-36.7 Tangent: 56.763

Chord: 107.745 Course: S 24-38-41.0 W

Course In: S 46-59-30.6 E Course Out: N 83-43-07.3 W

RP North: 1701776.449 East: 1700621.359

End North: 1701795.158 East: 1700451.385

Line Course: S 06-16-52.7 W Length: 34.709

North: 1701760.657 East: 1700447.588

Curve Length: 80.538 Radius: 382.000

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.001 Course: S 53-12-02.3 W
 North: -0.0005 East: -0.0007
 Precision 1: 513,150.000

Parcel name: Block 1, Lot 15

Line Course: N 77-48-04.9 E Length: 75.000 North: 1701820.277 East: 1700651.451
 Line Course: N 77-48-04.9 E Length: 86.643 North: 1701836.124 East: 1700724.758
 Line Course: N 01-01-22.2 W Length: 39.646 North: 1701854.432 East: 1700809.445
 Line Course: N 52-39-49.8 W Length: 161.647 North: 1701894.072 East: 1700808.737
 Curve Length: 43.242 Radius: 50.000 North: 1701992.109 East: 1700680.213
 Delta: 49-33-04.6 Tangent: 23.077
 Chord: 41.907 Course: S 62-06-42.5 W
 Course In: N 52-39-49.8 W Course Out: S 03-06-45.2 E
 RP North: 1702022.434 East: 1700640.458
 End North: 1701972.507 East: 1700643.173
 Line Course: S 03-06-45.2 E Length: 152.456
 North: 1701820.276 East: 1700651.451

Perimeter: 558.633 Area: 18,366 sq.ft. 0.42 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.001 Course: S 43-40-06.8 W
 North: -0.0005 East: -0.0005
 Precision 1: 557,299.000

Parcel name: Block 1, Lot 16

Line Course: N 01-01-22.2 W Length: 45.354 North: 1701894.072 East: 1700808.737
 Line Course: N 01-01-22.2 W Length: 116.193 North: 1701939.419 East: 1700807.927
 Line Course: S 88-58-37.7 W Length: 30.000 North: 1702055.593 East: 1700805.853
 Line Course: S 88-58-37.7 W Length: 96.112 North: 1702055.058 East: 1700775.858
 Curve Length: 65.901 Radius: 50.000 North: 1702053.342 East: 1700679.761
 Delta: 75-31-02.6 Tangent: 38.726
 Chord: 61.234 Course: S 00-25-21.1 E
 Course In: S 51-49-07.6 W Course Out: S 52-39-49.8 E
 RP North: 1702022.434 East: 1700640.458
 End North: 1701992.110 East: 1700680.213
 Line Course: S 52-39-49.8 E Length: 161.647
 North: 1701894.072 East: 1700808.737

Perimeter: 515.206 Area: 13,661 sq.ft. 0.31 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.000 Course: N 09-01-17.4 W
 North: 0.0003 East: -0.0000
 Precision 1: 510,540,000.000

Parcel name: Block 1, Lot 17

Line Course: N 89-24-01.6 E Length: 127.534 North: 1702171.121 East: 1700647.103
 Line Course: S 00-35-58.4 E Length: 117.405 North: 1702172.456 East: 1700774.630
 Line Course: S 88-58-37.7 W Length: 96.112 North: 1702055.057 East: 1700775.858
 North: 1702053.342 East: 1700679.762
 Curve Length: 43.199 Radius: 50.000
 Delta: 49-30-07.9 Tangent: 23.051
 Chord: 41.868 Course: N 62-55-56.4 W
 Course In: S 51-49-07.6 W Course Out: N 02-18-59.7 E
 RP North: 1702022.434 East: 1700640.459
 End North: 1702072.393 East: 1700642.480
 Curve Length: 99.620 Radius: 229.000
 Delta: 24-55-30.0 Tangent: 50.611
 Chord: 98.837 Course: N 02-40-52.0 E
 Course In: N 74-51-23.0 W Course Out: N 80-13-07.0 E
 RP North: 1702132.217 East: 1700421.432
 End North: 1702171.122 East: 1700647.103

Perimeter: 483.870 Area: 14,572 sq.ft. 0.33 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.001 Course: N 00-58-39.1 W
 North: 0.0007 East: -0.0000
 Precision 1: 481,756.000

Parcel name: Block 1, Lot 18

Curve Length: 21.771 Radius: 229.000 North: 1702171.121 East: 1700647.103
 Delta: 5-26-49.6 Tangent: 10.894
 Chord: 21.763 Course: N 12-30-17.8 W
 Course In: S 80-13-07.0 W Course Out: N 74-46-17.4 E
 RP North: 1702132.217 East: 1700421.432
 End North: 1702192.368 East: 1700642.391
 Curve Length: 59.679 Radius: 371.000
 Delta: 9-12-59.7 Tangent: 29.904
 Chord: 59.615 Course: N 10-37-12.7 W
 Course In: N 74-46-17.4 E Course Out: S 83-59-17.1 W
 RP North: 1702289.818 East: 1701000.363
 End North: 1702250.962 East: 1700631.404
 Line Course: N 89-24-01.6 E Length: 142.396 North: 1702252.452 East: 1700773.792
 Line Course: S 00-35-58.4 E Length: 80.000

Line Course: S 89-24-01.6 W Length: 127.534

North: 1702172.456 East: 1700774.629

North: 1702171.122 East: 1700647.102

Perimeter: 431.380 Area: 10,862 sq.ft. 0.24 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.001 Course: N 61-28-18.7 W

North: 0.0004 East: -0.0008

Precision 1: 431,308.000

Parcel name: Block 1, Lot 19

Curve Length: 80.163 Radius: 371.000
 Delta: 12-22-48.4 Tangent: 40.238
 Chord: 80.007 Course: S 00-10-41.3 W
 Course In: S 83-37-54.5 E Course Out: S 83-59-17.1 W
 RP North: 1702289.818 East: 1701000.363
 End North: 1702250.962 East: 1700631.404

North: 1702330.968 East: 1700631.653

Line Course: N 89-24-01.6 E Length: 142.396

North: 1702252.452 East: 1700773.792

Line Course: N 00-35-58.4 W Length: 80.000

North: 1702332.447 East: 1700772.955

Line Course: S 89-24-01.6 W Length: 141.310

North: 1702330.969 East: 1700631.653

Perimeter: 443.870 Area: 11,463 sq.ft. 0.26 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.000 Course: N 10-25-12.5 E

North: 0.0004 East: 0.0001

Precision 1: 443,713,000.000

Parcel name: Block 1, Lot 20

Curve Length: 17.165 Radius: 371.000
 Delta: 2-39-03.5 Tangent: 8.584
 Chord: 17.164 Course: N 07-41-37.2 E
 Course In: S 83-37-54.5 E Course Out: N 80-58-51.0 W
 RP North: 1702289.818 East: 1701000.363
 End North: 1702347.978 East: 1700633.950

North: 1702330.968 East: 1700631.653

Curve Length: 63.348 Radius: 179.000
 Delta: 20-16-37.2 Tangent: 32.009
 Chord: 63.018 Course: N 01-07-09.6 W
 Course In: N 80-58-51.0 W Course Out: N 78-44-31.8 E
 RP North: 1702376.039 East: 1700457.164
 End North: 1702410.984 East: 1700632.719

Line Course: N 89-24-01.6 E Length: 139.406

North: 1702412.443 East: 1700772.118

Line Course: S 00-35-58.4 E Length: 80.000

North: 1702332.447 East: 1700772.955

Line Course: S 89-24-01.6 W Length: 141.310

North: 1702330.968 East: 1700631.653

Perimeter: 441.230 Area: 11,029 sq.ft. 0.25 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.000 Course: S 27-08-36.3 E

North: -0.0001 East: 0.0000

Precision 1: 440,898,000.000

Parcel name: Block 1, Lot 21

North: 1702410.984 East: 1700632.719

Curve Length: 81.844 Radius: 179.000
 Delta: 26-11-50.1 Tangent: 41.650
 Chord: 81.133 Course: N 24-21-23.2 W
 Course In: S 78-44-31.8 W Course Out: N 52-32-41.7 E
 RP North: 1702376.039 East: 1700457.164
 End North: 1702484.896 East: 1700599.259

Curve Length: 32.624 Radius: 50.000
 Delta: 37-23-02.0 Tangent: 16.916
 Chord: 32.048 Course: N 79-04-43.6 E
 Course In: N 07-46-14.6 E Course Out: S 29-36-47.4 E
 RP North: 1702534.437 East: 1700606.020
 End North: 1702490.968 East: 1700630.727

Line Course: N 89-24-01.6 E Length: 140.562

North: 1702492.439 East: 1700771.281

Line Course: S 00-35-58.4 E Length: 80.000

North: 1702412.443 East: 1700772.118

Line Course: S 89-24-01.6 W Length: 139.406

North: 1702410.984 East: 1700632.720

Perimeter: 474.436 Area: 12,153 sq.ft. 0.27 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.000 Course: N 61-26-57.3 E

North: 0.0002 East: 0.0004

Precision 1: 473,149,000.000

Parcel name: Block 1, Lot 22

North: 1702560.742 East: 1700648.541

Curve Length: 80.398 Radius: 50.000
 Delta: 92-07-45.5 Tangent: 51.894
 Chord: 72.012 Course: S 14-19-19.9 W
 Course In: S 58-15-27.1 W Course Out: S 29-36-47.4 E
 RP North: 1702534.437 East: 1700606.020
 End North: 1702490.968 East: 1700630.727

Line Course: N 89-24-01.6 E Length: 140.562

North: 1702492.439 East: 1700771.281

Line Course: N 00-35-58.4 W Length: 143.315

North: 1702635.746 East: 1700769.782

Line Course: S 58-15-27.1 W Length: 142.565

North: 1702560.742 East: 1700648.541

Perimeter: 506.840 Area: 12,873 sq.ft. 0.29 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.001 Course: N 47-40-18.8 E

North: 0.0004 East: 0.0004

Precision 1: 498,454.000

Parcel name: Block 1, Lot 23

North: 1702584.216 East: 1700610.714

Curve Length: 46.138 Radius: 50.000
 Delta: 52-52-12.5 Tangent: 24.858
 Chord: 44.518 Course: S 58-10-39.1 E
 Course In: S 05-23-14.6 W Course Out: N 58-15-27.1 E
 RP North: 1702534.437 East: 1700606.020
 End North: 1702560.742 East: 1700648.541

Line Course: N 58-15-27.1 E Length: 142.565

North: 1702635.746 East: 1700769.781

Line Course: N 00-35-58.4 W Length: 85.370

North: 1702721.111 East: 1700768.888

Line Course: S 88-59-39.3 W Length: 145.527

North: 1702718.557 East: 1700623.383

Line Course: S 05-23-14.6 W Length: 134.937

North: 1702584.216 East: 1700610.714

Perimeter: 554.537 Area: 19,254 sq.ft. 0.44 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.000 Course: S 74-26-08.4 W

North: -0.0001 East: -0.0004

Precision 1: 552,917,000.000

Parcel name: Block 1, Lot 24

North: 1702584.216 East: 1700610.714

Curve Length: 93.127 Radius: 50.000
 Delta: 106-42-56.1 Tangent: 67.222
 Chord: 80.238 Course: S 42-01-46.6 W
 Course In: S 05-23-14.6 W Course Out: S 78-40-18.5 W
 RP North: 1702534.437 East: 1700606.020
 End North: 1702524.615 East: 1700556.994

Curve Length: 26.845 Radius: 179.000
 Delta: 8-35-33.7 Tangent: 13.448
 Chord: 26.820 Course: N 60-23-55.4 W
 Course In: S 33-53-51.5 W Course Out: N 25-18-17.8 E

RP North: 1702376.039 East: 1700457.163
 End North: 1702537.863 East: 1700533.674

Line Course: N 01-00-20.7 W Length: 179.091

North: 1702716.926 East: 1700530.531

Line Course: N 88-59-39.3 E Length: 92.867

North: 1702718.557 East: 1700623.383

Line Course: S 05-23-14.6 W Length: 134.937

North: 1702584.216 East: 1700610.714

Perimeter: 526.866 Area: 13,107 sq.ft. 0.30 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.000 Course: S 19-28-14.3 W

North: -0.0001 East: -0.0000

Precision 1: 513,953,000.000

Parcel name: Block 1, Lot 25

North: 1702537.863 East: 1700533.675

Curve Length: 82.859 Radius: 179.000

Delta: 26-31-19.4 Tangent: 42.185

Chord: 82.121 Course: N 77-57-21.9 W

Course In: S 25-18-17.8 W Course Out: N 01-13-01.6 W

RP North: 1702376.039 East: 1700457.164

End North: 1702554.999 East: 1700453.361

Line Course: N 01-00-20.7 W Length: 160.549

North: 1702715.523 East: 1700450.543

Line Course: N 88-59-39.3 E Length: 80.000

North: 1702716.927 East: 1700530.531

Line Course: S 01-00-20.7 E Length: 179.091

North: 1702537.864 East: 1700533.674

Perimeter: 502.498 Area: 13,323 sq.ft. 0.30 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.001 Course: N 20-41-58.4 W

North: 0.0006 East: -0.0002

Precision 1: 501,761.000

Parcel name: Block 1, Lot 26

North: 1702545.362 East: 1700343.514

Curve Length: 80.232 Radius: 571.000

Delta: 8-03-02.6 Tangent: 40.182

Chord: 80.166 Course: N 85-18-16.4 E

Course In: N 00-40-12.3 W Course Out: S 08-43-14.9 E

RP North: 1703116.323 East: 1700336.836

End North: 1702551.925 East: 1700423.411

Line Course: N 01-00-20.7 W Length: 163.096

North: 1702714.996 East: 1700420.548

Line Course: S 88-59-39.3 W Length: 80.000

North: 1702713.591 East: 1700340.560

Line Course: S 01-00-20.7 E Length: 168.255

North: 1702545.362 East: 1700343.514

Perimeter: 491.583 Area: 13,329 sq.ft. 0.30 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.000 Course: S 60-09-29.9 W

North: -0.0001 East: -0.0002
 Precision 1: 491,517,000.000

Parcel name: Block 1, Lot 27

Curve Length: 80.299 Radius: 571.000 North: 1702550.063 East: 1700263.419
 Delta: 8-03-26.7 Tangent: 40.216
 Chord: 80.233 Course: S 86-38-29.0 E
 Course In: N 07-23-14.4 E Course Out: S 00-40-12.3 E
 RP North: 1703116.323 East: 1700336.836
 End North: 1702545.362 East: 1700343.514
 Line Course: N 01-00-20.7 W Length: 168.255
 Line Course: S 88-59-39.3 W Length: 80.000 North: 1702713.592 East: 1700340.561
 Line Course: S 01-00-20.7 E Length: 162.149 North: 1702712.187 East: 1700260.573
 North: 1702550.063 East: 1700263.419

Perimeter: 490.703 Area: 13,291 sq.ft. 0.30 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.001 Course: N 42-43-12.6 E
 North: 0.0004 East: 0.0003
 Precision 1: 490,637.000

Parcel name: Block 1, Lot 28

Curve Length: 23.485 Radius: 229.000 North: 1702564.647 East: 1700183.151
 Delta: 5-52-33.2 Tangent: 11.753
 Chord: 23.474 Course: S 79-43-02.5 E
 Course In: S 07-20-40.9 W Course Out: N 13-13-14.1 E
 RP North: 1702337.526 East: 1700153.876
 End North: 1702560.457 East: 1700206.248
 Curve Length: 58.133 Radius: 571.000
 Delta: 5-49-59.7 Tangent: 29.092
 Chord: 58.108 Course: S 79-41-45.8 E
 Course In: N 13-13-14.1 E Course Out: S 07-23-14.4 W
 RP North: 1703116.323 East: 1700336.836
 End North: 1702550.063 East: 1700263.418
 Line Course: N 01-00-20.7 W Length: 162.149
 Line Course: S 88-59-39.3 W Length: 80.000 North: 1702712.187 East: 1700260.572
 Line Course: S 01-00-20.7 E Length: 146.159 North: 1702710.783 East: 1700180.585
 North: 1702564.646 East: 1700183.150

Perimeter: 469.926 Area: 12,356 sq.ft. 0.28 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.001 Course: S 35-50-53.3 W
 North: -0.0007 East: -0.0005

Line Course: N 01-00-20.7 W Length: 118.345 North: 1702505.460 East: 1699784.861
 Line Course: S 60-49-01.3 E Length: 155.116 North: 1702623.787 East: 1699782.784
 North: 1702548.153 East: 1699918.210
 Curve Length: 65.399 Radius: 50.000
 Delta: 74-56-29.5 Tangent: 38.326
 Chord: 60.836 Course: S 08-17-16.0 E
 Course In: S 60-49-01.3 E Course Out: S 44-14-29.2 W
 RP North: 1702523.773 East: 1699961.864
 End North: 1702487.952 East: 1699926.980
 Line Course: S 88-59-39.3 W Length: 141.790
 North: 1702485.463 East: 1699785.211

Perimeter: 500.650 Area: 13,124 sq.ft. 0.30 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.001 Course: S 58-32-52.1 W
 North: -0.0004 East: -0.0006
 Precision 1: 496,087.000

Parcel name: Block 1, Lot 34

Line Course: N 01-00-20.7 W Length: 20.000 North: 1702405.476 East: 1699786.616
 North: 1702425.473 East: 1699786.265
 Line Course: N 01-00-20.7 W Length: 60.000 North: 1702485.463 East: 1699785.212
 Line Course: N 88-59-39.3 E Length: 141.790 North: 1702487.952 East: 1699926.980
 Curve Length: 47.141 Radius: 50.000
 Delta: 54-01-12.5 Tangent: 25.487
 Chord: 45.415 Course: S 72-46-07.1 E
 Course In: N 44-14-29.2 E Course Out: S 09-46-43.3 E
 RP North: 1702523.773 East: 1699961.864
 End North: 1702474.499 East: 1699970.357
 Curve Length: 75.088 Radius: 229.000
 Delta: 18-47-13.3 Tangent: 37.884
 Chord: 74.752 Course: S 27-20-34.7 W
 Course In: S 53-15-48.7 E Course Out: N 72-03-02.0 W
 RP North: 1702337.526 East: 1700153.876
 End North: 1702408.099 East: 1699936.022
 Line Course: S 88-59-39.3 W Length: 149.428
 North: 1702405.476 East: 1699786.617

Perimeter: 493.447 Area: 12,999 sq.ft. 0.29 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.001 Course: N 82-48-41.6 E
 North: 0.0001 East: 0.0008
 Precision 1: 491,385.000

Parcel name: Block 1, Lot 35

Line Course: N 01-00-20.7 W Length: 19.579 North: 1702320.910 East: 1699788.101
 Line Course: N 01-00-20.7 W Length: 65.000 North: 1702340.486 East: 1699787.757
 Line Course: N 88-59-39.3 E Length: 149.428 North: 1702405.476 East: 1699786.616
 Line Course: N 88-59-39.3 E Length: 149.428 North: 1702408.099 East: 1699936.021
 Curve Length: 81.817 Radius: 229.000
 Delta: 20-28-14.5 Tangent: 41.349
 Chord: 81.383 Course: S 07-42-50.8 W
 Course In: S 72-03-02.0 E Course Out: S 87-28-43.5 W
 RP North: 1702337.526 East: 1700153.875
 End North: 1702327.452 East: 1699925.097
 Line Course: S 02-31-16.5 E Length: 4.138
 Line Course: S 88-59-39.3 W Length: 137.200 North: 1702323.318 East: 1699925.279
 North: 1702320.910 East: 1699788.100

Perimeter: 457.162 Area: 11,893 sq.ft. 0.27 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.001 Course: N 77-29-37.6 W
 North: 0.0001 East: -0.0005
 Precision 1: 456,728.000

Parcel name: Block 1, Lot 36

Line Course: N 01-00-20.7 W Length: 19.158 North: 1702236.344 East: 1699789.585
 Line Course: N 01-00-20.7 W Length: 65.421 North: 1702255.499 East: 1699789.249
 Line Course: N 88-59-39.3 E Length: 137.200 North: 1702320.910 East: 1699788.101
 Line Course: S 02-31-16.5 E Length: 84.609 North: 1702323.318 East: 1699925.280
 Line Course: S 88-59-39.3 W Length: 139.437 North: 1702238.791 East: 1699929.002
 North: 1702236.344 East: 1699789.586

Perimeter: 445.825 Area: 11,698 sq.ft. 0.26 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.001 Course: S 60-30-18.0 E
 North: -0.0004 East: 0.0007
 Precision 1: 445,825.000

Parcel name: Block 1, Lot 37

Line Course: N 01-00-20.7 W Length: 19.158 North: 1702156.356 East: 1699790.990
 Line Course: N 01-00-20.7 W Length: 60.842 North: 1702175.511 East: 1699790.653

Line Course: N 88-59-39.3 E Length: 139.437 North: 1702236.344 East: 1699789.585
 Line Course: S 02-31-16.5 E Length: 80.028 North: 1702238.791 East: 1699929.001
 Line Course: S 88-59-39.3 W Length: 141.554 North: 1702158.841 East: 1699932.521
 North: 1702156.356 East: 1699790.989

Perimeter: 441.019 Area: 11,239 sq.ft. 0.25 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.000 Course: S 88-10-09.3 W
 North: -0.0000 East: -0.0005
 Precision 1: 441,019,000.000

Parcel name: Block 1, Lot 38

Line Course: S 01-00-20.7 E Length: 85.000 North: 1702156.356 East: 1699790.990
 North: 1702071.369 East: 1699792.482
 Curve Length: 137.261 Radius: 382.000
 Delta: 20-35-15.6 Tangent: 69.379
 Chord: 136.524 Course: S 64-41-51.9 E
 Course In: S 15-00-30.3 W Course Out: N 35-35-45.9 E
 RP North: 1701702.400 East: 1699693.558
 End North: 1702013.020 East: 1699915.908
 Curve Length: 89.740 Radius: 171.000
 Delta: 30-04-07.0 Tangent: 45.929
 Chord: 88.714 Course: N 12-30-47.0 E
 Course In: N 62-27-09.5 W Course Out: N 87-28-43.5 E
 RP North: 1702092.104 East: 1699764.295
 End North: 1702099.627 East: 1699935.129
 Line Course: N 02-31-16.5 W Length: 59.272 North: 1702158.841 East: 1699932.522
 Line Course: S 88-59-39.3 W Length: 141.554 North: 1702156.357 East: 1699790.990

Perimeter: 512.827 Area: 15,968 sq.ft. 0.36 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.000 Course: N 08-53-02.8 E
 North: 0.0004 East: 0.0001
 Precision 1: 511,064,000.000

Parcel name: Block 1, Lot 39

Line Course: S 01-00-20.7 E Length: 19.158 North: 1702175.511 East: 1699790.653
 North: 1702156.356 East: 1699790.990
 Line Course: S 01-00-20.7 E Length: 85.000 North: 1702071.369 East: 1699792.482
 Curve Length: 125.382 Radius: 382.000
 Delta: 18-48-21.5 Tangent: 63.260

Chord: 124.820 Course: N 84-23-40.5 W
 Course In: S 15-00-30.3 W Course Out: N 03-47-51.2 W
 RP North: 1701702.400 East: 1699693.558
 End North: 1702083.561 East: 1699668.258
 Line Course: N 06-48-37.4 W Length: 90.250

Line Course: N 88-59-39.3 E Length: 133.118

North: 1702173.174 East: 1699657.556

North: 1702175.511 East: 1699790.654

Perimeter: 452.908 Area: 12,005 sq.ft. 0.27 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.000 Course: S 72-50-43.1 E
 North: -0.0001 East: 0.0004
 Precision 1: 452,346,000.000

Parcel name: Block 1, Lot 40

Line Course: N 88-59-39.3 E Length: 139.754

North: 1702253.046 East: 1699649.516

Line Course: S 01-00-20.7 E Length: 19.158

North: 1702255.499 East: 1699789.249

Line Course: S 01-00-20.7 E Length: 60.842

North: 1702236.344 East: 1699789.585

Line Course: S 88-59-39.3 W Length: 133.118

North: 1702175.511 East: 1699790.653

Line Course: N 06-48-37.4 W Length: 32.369

North: 1702173.175 East: 1699657.556

Curve Length: 47.923 Radius: 771.000

North: 1702205.315 East: 1699653.717

Delta: 3-33-40.7 Tangent: 23.969

Chord: 47.915 Course: N 05-01-47.1 W

Course In: N 83-11-22.6 E Course Out: S 86-45-03.3 W

RP North: 1702296.744 East: 1700419.277

End North: 1702253.046 East: 1699649.516

Perimeter: 433.164 Area: 10,950 sq.ft. 0.25 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.000 Course: S 46-09-00.7 W
 North: -0.0001 East: -0.0001
 Precision 1: 433,156,000.000

Parcel name: Block 1, Lot 41

Line Course: N 88-59-39.3 E Length: 138.394

North: 1702338.057 East: 1699649.385

Line Course: S 01-00-20.7 E Length: 19.579

North: 1702340.486 East: 1699787.757

Line Course: S 01-00-20.7 E Length: 65.421

North: 1702320.910 East: 1699788.101

Line Course: S 88-59-39.3 W Length: 139.754

North: 1702255.499 East: 1699789.249

North: 1702253.046 East: 1699649.517
 Curve Length: 85.054 Radius: 771.000
 Delta: 6-19-14.4 Tangent: 42.570
 Chord: 85.011 Course: N 00-05-19.5 W
 Course In: N 86-45-03.3 E Course Out: N 86-55-42.3 W
 RP North: 1702296.744 East: 1700419.278
 End North: 1702338.057 East: 1699649.385
 Perimeter: 448.202 Area: 11,887 sq.ft. 0.27 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.001 Course: N 76-40-16.5 E
 North: 0.0001 East: 0.0005
 Precision 1: 448,159.000

Parcel name: Block 1, Lot 42

Line Course: N 88-59-39.3 E Length: 131.415 North: 1702423.166 East: 1699654.871
 Line Course: S 01-00-20.7 E Length: 20.000 North: 1702425.473 East: 1699786.265
 Line Course: S 01-00-20.7 E Length: 65.000 North: 1702405.476 East: 1699786.616
 Line Course: S 88-59-39.3 W Length: 138.394 North: 1702340.486 East: 1699787.757
 Curve Length: 8.743 Radius: 771.000 North: 1702338.057 East: 1699649.385
 Delta: 0-38-58.9 Tangent: 4.371
 Chord: 8.742 Course: N 03-23-47.1 E
 Course In: S 86-55-42.3 E Course Out: N 86-16-43.4 W
 RP North: 1702296.744 East: 1700419.277
 End North: 1702346.783 East: 1699649.903
 Line Course: N 03-43-16.6 E Length: 76.544
 North: 1702423.166 East: 1699654.870
 Perimeter: 440.095 Area: 11,468 sq.ft. 0.26 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.000 Course: S 35-06-57.1 W
 North: -0.0001 East: -0.0001
 Precision 1: 440,095,000.000

Parcel name: Block 1, Lot 43

Line Course: N 88-59-39.3 E Length: 107.963 North: 1702503.565 East: 1699676.914
 Line Course: S 01-00-20.7 E Length: 20.000 North: 1702505.460 East: 1699784.860
 Line Course: S 01-00-20.7 E Length: 60.000 North: 1702485.463 East: 1699785.212
 Line Course: S 88-59-39.3 W Length: 131.415 North: 1702425.473 East: 1699786.265
 North: 1702423.166 East: 1699654.870

Line Course: N 03-43-16.6 E Length: 61.037

North: 1702484.074 East: 1699658.831

Curve Length: 26.911 Radius: 50.000
 Delta: 30-50-15.0 Tangent: 13.790
 Chord: 26.587 Course: N 42-51-07.1 E
 Course In: N 31-43-45.4 W Course Out: S 62-34-00.4 E
 RP North: 1702526.601 East: 1699632.536
 End North: 1702503.566 East: 1699676.913

Perimeter: 407.326 Area: 10,055 sq.ft. 0.23 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.001 Course: N 68-53-12.7 W
 North: 0.0003 East: -0.0007
 Precision 1: 407,002.000

Parcel name: Block 1, Lot 44

Line Course: N 39-58-36.9 E Length: 181.398
 North: 1702564.769 East: 1699664.835

Line Course: S 01-00-20.7 E Length: 80.000
 North: 1702703.775 East: 1699781.380

Line Course: S 01-00-20.7 E Length: 118.345
 North: 1702623.787 East: 1699782.784

Line Course: S 88-59-39.3 W Length: 107.963
 North: 1702505.461 East: 1699784.861

Line Course: S 88-59-39.3 W Length: 107.963
 North: 1702503.566 East: 1699676.915

Curve Length: 67.365 Radius: 50.000
 Delta: 77-11-41.4 Tangent: 39.911
 Chord: 62.384 Course: N 11-09-51.1 W
 Course In: N 62-34-00.4 W Course Out: N 40-14-18.2 E
 RP North: 1702526.601 East: 1699632.537
 End North: 1702564.769 East: 1699664.836

Perimeter: 555.072 Area: 14,647 sq.ft. 0.33 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.001 Course: S 78-53-58.0 E
 North: -0.0001 East: 0.0007
 Precision 1: 550,090.000

Parcel name: Block 1, Lot 45

Curve Length: 48.552 Radius: 50.000
 Delta: 55-38-10.6 Tangent: 26.382
 Chord: 46.667 Course: N 77-34-47.1 W
 Course In: S 40-14-18.2 W Course Out: N 15-23-52.4 W
 RP North: 1702526.601 East: 1699632.537
 End North: 1702574.806 East: 1699619.260

Line Course: N 15-23-52.4 W Length: 130.189
 North: 1702564.769 East: 1699664.835

Line Course: N 15-23-52.4 W Length: 130.189
 North: 1702700.322 East: 1699584.692

Line Course: N 88-59-39.3 E Length: 196.717

Line Course: S 39-58-36.9 W Length: 181.398
 North: 1702703.775 East: 1699781.379
 North: 1702564.769 East: 1699664.835

Perimeter: 556.856 Area: 15,973 sq.ft. 0.36 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.000 Course: N 77-58-51.1 W
 North: 0.0001 East: -0.0004
 Precision 1: 554,971,000.000

Parcel name: Block 1, Lot 46

Curve Length: 44.291 Radius: 50.000 North: 1702546.817 East: 1699586.806
 Delta: 50-45-13.1 Tangent: 23.717
 Chord: 42.857 Course: N 49-13-31.0 E
 Course In: S 66-09-05.5 E Course Out: N 15-23-52.4 W
 RP North: 1702526.601 East: 1699632.537
 End North: 1702574.806 East: 1699619.261
 Line Course: N 15-23-52.4 W Length: 130.189
 North: 1702700.322 East: 1699584.693
 Line Course: S 88-59-39.3 W Length: 142.437
 North: 1702697.822 East: 1699442.278
 Line Course: S 00-32-15.5 E Length: 87.481
 North: 1702610.345 East: 1699443.099
 Line Course: S 66-09-05.5 E Length: 157.122
 North: 1702546.817 East: 1699586.805

Perimeter: 561.520 Area: 19,574 sq.ft. 0.44 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.001 Course: N 49-48-46.6 W
 North: 0.0005 East: -0.0006
 Precision 1: 560,086.000

Parcel name: Block 1, Lot 47

Curve Length: 65.168 Radius: 50.000 North: 1702546.817 East: 1699586.806
 Delta: 74-40-36.0 Tangent: 38.143
 Chord: 60.652 Course: S 13-29-23.5 E
 Course In: S 66-09-05.5 E Course Out: S 39-10-18.5 W
 RP North: 1702526.601 East: 1699632.537
 End North: 1702487.838 East: 1699600.954
 Line Course: S 03-43-16.6 W Length: 7.650
 North: 1702480.204 East: 1699600.458
 Line Course: S 89-27-44.5 W Length: 156.131
 North: 1702478.739 East: 1699444.334
 Line Course: N 00-32-15.5 W Length: 131.611
 North: 1702610.345 East: 1699443.099
 Line Course: S 66-09-05.5 E Length: 157.122
 North: 1702546.817 East: 1699586.805

Perimeter: 517.681 Area: 14,271 sq.ft. 0.32 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.001 Course: N 72-04-27.9 W
 North: 0.0002 East: -0.0005
 Precision 1: 513,166.000

Parcel name: Block 1, Lot 48

Line Course: N 03-43-16.6 E Length: 80.222	North: 1702400.152 East: 1699595.251
Line Course: S 89-27-44.5 W Length: 156.131	North: 1702480.205 East: 1699600.458
Line Course: S 00-32-15.5 E Length: 80.000	North: 1702478.740 East: 1699444.334
Line Course: N 89-27-44.5 E Length: 150.173	North: 1702398.744 East: 1699445.084
	North: 1702400.153 East: 1699595.251

Perimeter: 466.526 Area: 12,252 sq.ft. 0.28 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.001 Course: N 41-43-59.1 W
 North: 0.0005 East: -0.0004
 Precision 1: 466,526.000

Parcel name: Block 1, Lot 49

Curve Length: 30.478 Radius: 829.000	North: 1702320.105 East: 1699590.606
Delta: 2-06-23.2 Tangent: 15.241	
Chord: 30.476 Course: N 02-40-05.0 E	
Course In: S 88-23-06.6 E Course Out: N 86-16-43.4 W	
RP North: 1702296.744 East: 1700419.277	
End North: 1702350.548 East: 1699592.025	
Line Course: N 03-43-16.6 E Length: 49.709	North: 1702400.152 East: 1699595.251
Line Course: S 89-27-44.5 W Length: 150.173	North: 1702398.743 East: 1699445.085
Line Course: S 00-32-15.5 E Length: 80.000	North: 1702318.747 East: 1699445.836
Line Course: N 89-27-44.5 E Length: 144.777	North: 1702320.105 East: 1699590.606

Perimeter: 455.137 Area: 11,781 sq.ft. 0.27 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.000 Course: N 76-20-41.3 W
 North: 0.0000 East: -0.0002
 Precision 1: 455,135,000.000

Parcel name: Block 1, Lot 50

Curve Length: 61.656 Radius: 532.000
 Delta: 6-38-25.1 Tangent: 30.863
 Chord: 61.622 Course: N 87-11-25.6 W
 Course In: N 00-30-38.2 W Course Out: S 06-07-46.9 W
 RP North: 1702235.185 East: 1700369.512
 End North: 1701706.227 East: 1700312.705
 Line Course: S 06-07-46.9 W Length: 134.584

North: 1701572.412 East: 1700298.334

Line Course: S 81-17-25.7 E Length: 74.227

North: 1701561.173 East: 1700371.705

Line Course: N 09-56-03.3 E Length: 143.608

North: 1701702.627 East: 1700396.480

Perimeter: 436.315 Area: 10,910 sq.ft. 0.25 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.000 Course: N 42-18-52.7 W
 North: 0.0002 East: -0.0002
 Precision 1: 436,276,000.000

Parcel name: Block 2, Lot 3

North: 1701706.227 East: 1700312.706

Curve Length: 81.264 Radius: 532.000
 Delta: 8-45-07.3 Tangent: 40.711
 Chord: 81.185 Course: N 79-29-39.4 W
 Course In: N 06-07-46.9 E Course Out: S 14-52-54.2 W
 RP North: 1702235.185 East: 1700369.512
 End North: 1701721.030 East: 1700232.882
 Line Course: S 14-52-54.2 W Length: 137.791

North: 1701587.860 East: 1700197.494

Line Course: S 81-17-25.7 E Length: 102.018

North: 1701572.412 East: 1700298.335

Line Course: N 06-07-46.9 E Length: 134.584

North: 1701706.227 East: 1700312.706

Perimeter: 455.658 Area: 12,351 sq.ft. 0.28 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.000 Course: S 88-19-44.6 E
 North: -0.0000 East: 0.0002
 Precision 1: 455,578,000.000

Parcel name: Block 2, Lot 4

North: 1701721.030 East: 1700232.882

Curve Length: 81.264 Radius: 532.000
 Delta: 8-45-07.3 Tangent: 40.711
 Chord: 81.185 Course: N 70-44-32.1 W
 Course In: N 14-52-54.2 E Course Out: S 23-38-01.5 W
 RP North: 1702235.185 East: 1700369.512
 End North: 1701747.806 East: 1700156.240
 Line Course: S 23-38-01.5 W Length: 157.156

Line Course: S 81-17-25.7 E Length: 105.472 North: 1701603.831 East: 1700093.237
 Line Course: N 14-52-54.2 E Length: 137.791 North: 1701587.860 East: 1700197.493
 North: 1701721.029 East: 1700232.881

Perimeter: 481.684 Area: 13,501 sq.ft. 0.30 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.001 Course: S 47-07-35.4 W
 North: -0.0004 East: -0.0004
 Precision 1: 481,604.000

Parcel name: Block 2, Lot 5

Curve Length: 77.493 Radius: 532.000 North: 1701747.806 East: 1700156.240
 Delta: 8-20-45.2 Tangent: 38.815
 Chord: 77.424 Course: N 62-11-35.9 W
 Course In: N 23-38-01.5 E Course Out: S 31-58-46.7 W
 RP North: 1702235.185 East: 1700369.512
 End North: 1701783.923 East: 1700087.756
 Line Course: S 40-57-34.0 W Length: 144.385
 Line Course: S 47-16-53.5 E Length: 98.467 North: 1701674.888 East: 1699993.108
 Line Course: S 81-17-25.7 E Length: 28.110 North: 1701608.088 East: 1700065.451
 Line Course: N 23-38-01.5 E Length: 157.156 North: 1701603.831 East: 1700093.237
 North: 1701747.806 East: 1700156.239

Perimeter: 505.611 Area: 15,590 sq.ft. 0.35 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.000 Course: N 39-32-32.6 W
 North: 0.0003 East: -0.0003
 Precision 1: 505,542,000.000

Parcel name: Block 2, Lot 6

Curve Length: 84.341 Radius: 532.000 North: 1701783.924 East: 1700087.756
 Delta: 9-05-00.3 Tangent: 42.259
 Chord: 84.253 Course: N 53-28-43.2 W
 Course In: N 31-58-46.7 E Course Out: S 41-03-47.0 W
 RP North: 1702235.185 East: 1700369.513
 End North: 1701834.064 East: 1700020.047
 Line Course: S 40-57-34.0 W Length: 135.286
 Line Course: S 47-16-53.5 E Length: 52.507 North: 1701731.900 East: 1699931.364
 Line Course: S 47-16-53.5 E Length: 31.533 North: 1701696.279 East: 1699969.941
 North: 1701674.887 East: 1699993.108

Line Course: N 40-57-34.0 E Length: 144.385

North: 1701783.923 East: 1700087.756

Perimeter: 448.051 Area: 11,652 sq.ft. 0.26 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.000 Course: S 36-22-57.1 W

North: -0.0003 East: -0.0002

Precision 1: 447,964,000.000

Parcel name: Block 2, Lot 7

Line Course: S 47-16-53.5 E Length: 68.664 North: 1701890.909 East: 1699958.158

North: 1701844.327 East: 1700008.605

Curve Length: 15.371 Radius: 532.000
 Delta: 1-39-19.5 Tangent: 7.686
 Chord: 15.370 Course: S 48-06-33.2 E
 Course In: N 42-43-06.5 E Course Out: S 41-03-47.0 W
 RP North: 1702235.185 East: 1700369.512
 End North: 1701834.064 East: 1700020.047

Line Course: S 40-57-34.0 W Length: 135.286

North: 1701731.900 East: 1699931.364

Line Course: N 47-16-53.5 W Length: 84.040

North: 1701788.912 East: 1699869.620

Line Course: N 40-57-34.0 E Length: 135.064

North: 1701890.909 East: 1699958.158

Perimeter: 438.424 Area: 11,346 sq.ft. 0.26 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.001 Course: N 37-48-00.1 W

North: 0.0006 East: -0.0005

Precision 1: 438,424.000

Parcel name: Block 2, Lot 8

Curve Length: 13.516 Radius: 318.000 North: 1701944.989 East: 1699899.167
 Delta: 2-26-06.8 Tangent: 6.759

Chord: 13.515 Course: S 48-29-56.9 E

Course In: S 40-16-59.7 W Course Out: N 42-43-06.5 E

RP North: 1701702.400 East: 1699693.558

End North: 1701936.033 East: 1699909.289

Line Course: S 47-16-53.5 E Length: 66.517

North: 1701890.909 East: 1699958.158

Line Course: S 40-57-34.0 W Length: 135.064

North: 1701788.912 East: 1699869.621

Line Course: N 47-16-53.5 W Length: 60.575

North: 1701830.006 East: 1699825.116

Line Course: N 47-16-53.5 W Length: 19.463

North: 1701843.209 East: 1699810.817

Line Course: N 40-57-34.0 E Length: 134.776

North: 1701944.989 East: 1699899.166

Perimeter: 429.911 Area: 10,803 sq.ft. 0.24 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.001 Course: S 60-06-51.2 W

North: -0.0004 East: -0.0006

Precision 1: 429,910.000

Parcel name: Block 2, Lot 9

Line Course: N 87-06-37.4 W Length: 36.300

North: 1701843.209 East: 1699810.817

Line Course: N 00-09-26.2 E Length: 164.752

North: 1701845.039 East: 1699774.564

Curve Length: 141.202 Radius: 318.000
 Delta: 25-26-28.0 Tangent: 71.784
 Chord: 140.045 Course: S 62-26-14.3 E
 Course In: S 14-50-31.7 W Course Out: N 40-16-59.7 E
 RP North: 1701702.401 East: 1699693.558
 End North: 1701944.989 East: 1699899.166
 Line Course: S 40-57-34.0 W Length: 134.776

North: 1702009.791 East: 1699775.016

North: 1701843.210 East: 1699810.817

Perimeter: 477.029 Area: 12,897 sq.ft. 0.29 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.001 Course: N 00-53-01.8 E

North: 0.0006 East: 0.0000

Precision 1: 475,873.000

Parcel name: Block 2, Lot 10

Line Course: S 87-06-37.4 E Length: 90.316

North: 1701849.592 East: 1699684.362

Line Course: N 00-09-26.2 E Length: 164.752

North: 1701845.039 East: 1699774.564

Curve Length: 97.084 Radius: 318.000
 Delta: 17-29-32.0 Tangent: 48.923
 Chord: 96.708 Course: N 83-54-14.3 W
 Course In: S 14-50-31.7 W Course Out: N 02-39-00.3 W
 RP North: 1701702.401 East: 1699693.558
 End North: 1702020.061 East: 1699678.855
 Curve Length: 170.751 Radius: 1032.000
 Delta: 9-28-47.9 Tangent: 85.571
 Chord: 170.557 Course: S 01-51-01.3 E
 Course In: S 83-24-34.7 W Course Out: S 87-06-37.4 E
 RP North: 1701901.618 East: 1698653.674
 End North: 1701849.593 East: 1699684.362

North: 1702009.791 East: 1699775.016

Perimeter: 522.904 Area: 15,436 sq.ft. 0.35 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.001 Course: N 67-36-05.4 W
 North: 0.0002 East: -0.0006
 Precision 1: 522,333.000

Parcel name: Block 2, Lot 11

Line Course: S 87-06-37.4 E Length: 36.300 North: 1701845.039 East: 1699774.564
 Line Course: S 47-16-53.5 E Length: 19.463 North: 1701843.209 East: 1699810.818
 Line Course: S 28-40-44.1 W Length: 148.242 North: 1701830.006 East: 1699825.117
 North: 1701699.950 East: 1699753.976
 Curve Length: 71.284 Radius: 50.000
 Delta: 81-41-06.8 Tangent: 43.224
 Chord: 65.398 Course: S 77-50-10.7 W
 Course In: S 28-40-44.1 W Course Out: N 53-00-22.7 W
 RP North: 1701656.083 East: 1699729.981
 End North: 1701686.170 East: 1699690.046
 Line Course: N 88-27-24.6 W Length: 21.110
 North: 1701686.738 East: 1699668.944
 Curve Length: 75.968 Radius: 968.000
 Delta: 4-29-47.6 Tangent: 38.004
 Chord: 75.949 Course: N 05-30-29.5 E
 Course In: S 86-44-24.3 E Course Out: N 82-14-36.7 W
 RP North: 1701631.693 East: 1700635.377
 End North: 1701762.337 East: 1699676.234
 Curve Length: 87.661 Radius: 1032.000
 Delta: 4-52-00.7 Tangent: 43.857
 Chord: 87.634 Course: N 05-19-23.0 E
 Course In: N 82-14-36.7 W Course Out: S 87-06-37.4 E
 RP North: 1701901.618 East: 1698653.676
 End North: 1701849.593 East: 1699684.364
 Line Course: S 87-06-37.4 E Length: 90.316
 North: 1701845.040 East: 1699774.565

Perimeter: 550.343 Area: 17,051 sq.ft. 0.39 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.001 Course: N 62-26-31.5 E
 North: 0.0005 East: 0.0009
 Precision 1: 544,412.000

Parcel name: Block 2, Lot 12

Curve Length: 53.883 Radius: 50.000 North: 1701699.950 East: 1699753.975
 Delta: 61-44-44.8 Tangent: 29.892
 Chord: 51.314 Course: S 30-26-53.5 E
 Course In: S 28-40-44.1 W Course Out: S 89-34-31.1 E
 RP North: 1701656.083 East: 1699729.980

End North: 1701655.712 East: 1699779.979
 Line Course: S 89-34-31.1 E Length: 161.846

Line Course: N 33-57-08.5 E Length: 50.351

Line Course: N 47-16-53.5 W Length: 52.507

Line Course: N 47-16-53.5 W Length: 84.040

Line Course: N 47-16-53.5 W Length: 60.575

Line Course: S 28-40-44.1 W Length: 148.242

North: 1701654.513 East: 1699941.820

North: 1701696.279 East: 1699969.942

North: 1701731.900 East: 1699931.365

North: 1701788.912 East: 1699869.621

North: 1701830.006 East: 1699825.117

North: 1701699.950 East: 1699753.975

Perimeter: 611.444 Area: 22,054 sq.ft. 0.50 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.000 Course: N 59-04-46.3 E

North: 0.0003 East: 0.0004

Precision 1: 608,875,000.000

Parcel name: Block 2, Lot 13

Curve Length: 53.048 Radius: 50.000
 Delta: 60-47-19.6 Tangent: 29.328
 Chord: 50.595 Course: S 30-49-08.7 W
 Course In: N 89-34-31.1 W Course Out: S 28-47-11.5 E
 RP North: 1701656.083 East: 1699729.980
 End North: 1701612.262 East: 1699754.057
 Line Course: S 28-47-11.5 E Length: 148.665

North: 1701655.713 East: 1699779.979

Line Course: N 33-57-08.5 E Length: 208.008

North: 1701481.969 East: 1699825.647

Line Course: N 89-34-31.1 W Length: 161.846

North: 1701654.513 East: 1699941.820

North: 1701655.712 East: 1699779.978

Perimeter: 571.567 Area: 17,040 sq.ft. 0.39 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.001 Course: S 29-48-26.3 W

North: -0.0007 East: -0.0004

Precision 1: 569,114.000

Parcel name: Block 2, Lot 14

Curve Length: 22.106 Radius: 782.000
 Delta: 1-37-10.9 Tangent: 11.054
 Chord: 22.106 Course: N 05-49-12.3 W
 Course In: S 84-59-23.2 W Course Out: N 83-22-12.3 E
 RP North: 1701429.645 East: 1698897.079
 End North: 1701519.932 East: 1699673.849

North: 1701497.940 East: 1699676.091

Curve Length: 109.078 Radius: 968.000
 Delta: 6-27-22.7 Tangent: 54.597
 Chord: 109.020 Course: N 03-24-06.3 W
 Course In: N 83-22-12.3 E Course Out: S 89-49-35.0 W
 RP North: 1701631.693 East: 1700635.376
 End North: 1701628.759 East: 1699667.380
 Line Course: S 88-27-24.6 E Length: 21.110

North: 1701628.191 East: 1699688.483

Curve Length: 74.071 Radius: 50.000
 Delta: 84-52-44.9 Tangent: 45.720
 Chord: 67.481 Course: S 76-20-49.0 E
 Course In: N 56-05-33.4 E Course Out: S 28-47-11.5 E
 RP North: 1701656.084 East: 1699729.980
 End North: 1701612.263 East: 1699754.057
 Line Course: S 28-47-11.5 E Length: 148.665

North: 1701481.970 East: 1699825.646

Line Course: S 87-29-14.2 W Length: 148.054

North: 1701475.479 East: 1699677.735

Curve Length: 22.521 Radius: 782.000
 Delta: 1-39-00.4 Tangent: 11.262
 Chord: 22.521 Course: N 04-11-06.6 W
 Course In: S 86-38-23.6 W Course Out: N 84-59-23.2 E
 RP North: 1701429.645 East: 1698897.079
 End North: 1701497.940 East: 1699676.091

Perimeter: 545.606 Area: 16,138 sq.ft. 0.37 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.000 Course: N 00-58-52.5 E
 North: 0.0002 East: 0.0000
 Precision 1: 538,957,000.000

Parcel name: Block 3, Lot 1

Line Course: S 83-44-10.3 E Length: 47.281 North: 1701909.180 East: 1700341.255

North: 1701904.021 East: 1700388.254

Line Course: S 83-44-10.3 E Length: 40.294

North: 1701899.625 East: 1700428.307

Curve Length: 104.950 Radius: 229.000
 Delta: 26-15-30.5 Tangent: 53.413
 Chord: 104.034 Course: S 19-24-37.9 W
 Course In: S 57-27-36.8 E Course Out: N 83-43-07.3 W
 RP North: 1701776.449 East: 1700621.358
 End North: 1701801.504 East: 1700393.733
 Line Course: S 06-16-52.7 W Length: 34.709

North: 1701767.003 East: 1700389.935

Curve Length: 16.255 Radius: 382.000
 Delta: 2-26-17.0 Tangent: 8.129
 Chord: 16.254 Course: N 89-17-29.7 W
 Course In: S 01-55-38.8 W Course Out: N 00-30-38.2 W
 RP North: 1701385.219 East: 1700377.087
 End North: 1701767.204 East: 1700373.683

Curve Length: 99.286 Radius: 468.000
 Delta: 12-09-18.8 Tangent: 49.830
 Chord: 99.100 Course: N 84-25-58.8 W
 Course In: N 00-30-38.2 W Course Out: S 11-38-40.6 W
 RP North: 1702235.185 East: 1700369.512
 End North: 1701776.818 East: 1700275.050
 Line Course: N 26-34-22.5 E Length: 147.995

North: 1701909.179 East: 1700341.254

Perimeter: 490.770 Area: 13,298 sq.ft. 0.30 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.001 Course: S 80-01-19.3 W
 North: -0.0002 East: -0.0012
 Precision 1: 489,667.000

Parcel name: Block 3, Lot 2

Line Course: S 63-02-04.7 E Length: 82.692 North: 1701946.676 East: 1700267.553
 Line Course: S 26-34-22.5 W Length: 147.995 North: 1701909.179 East: 1700341.255
 North: 1701776.818 East: 1700275.052

Curve Length: 85.143 Radius: 468.000
 Delta: 10-25-25.5 Tangent: 42.689
 Chord: 85.025 Course: N 73-08-36.6 W
 Course In: N 11-38-40.6 E Course Out: S 22-04-06.1 W
 RP North: 1702235.186 East: 1700369.513
 End North: 1701801.473 East: 1700193.680
 Line Course: N 26-57-55.3 E Length: 162.916

North: 1701946.677 East: 1700267.554

Perimeter: 478.745 Area: 13,047 sq.ft. 0.29 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.001 Course: N 58-42-43.1 E
 North: 0.0006 East: 0.0010
 Precision 1: 478,628.000

Parcel name: Block 3, Lot 3

Line Course: S 63-02-04.7 E Length: 81.395 North: 1701983.585 East: 1700195.007
 Line Course: S 26-57-55.3 W Length: 162.916 North: 1701946.676 East: 1700267.553
 North: 1701801.472 East: 1700193.679

Curve Length: 81.498 Radius: 468.000
 Delta: 9-58-39.3 Tangent: 40.852
 Chord: 81.395 Course: N 62-56-34.2 W
 Course In: N 22-04-06.1 E Course Out: S 32-02-45.4 W
 RP North: 1702235.185 East: 1700369.512
 End North: 1701838.497 East: 1700121.192
 Line Course: N 26-57-55.3 E Length: 162.785

North: 1701983.584 East: 1700195.007

Perimeter: 488.594 Area: 13,351 sq.ft. 0.30 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.001 Course: S 16-45-17.3 W

North: -0.0006 East: -0.0002

Precision 1: 488,491.000

Parcel name: Block 3, Lot 4

Line Course: S 63-02-04.7 E Length: 70.000 North: 1702015.327 East: 1700132.618

Line Course: S 26-57-55.3 W Length: 162.785 North: 1701983.585 East: 1700195.007

Curve Length: 87.175 Radius: 468.000 North: 1701838.498 East: 1700121.192
Delta: 10-40-21.1 Tangent: 43.714
Chord: 87.049 Course: N 52-37-04.1 W
Course In: N 32-02-45.4 E Course Out: S 42-43-06.5 W
RP North: 1702235.185 East: 1700369.513
End North: 1701891.348 East: 1700052.023

Line Course: N 47-16-53.5 W Length: 24.894 North: 1701908.236 East: 1700033.733

Line Course: N 42-43-06.5 E Length: 145.762 North: 1702015.327 East: 1700132.618

Perimeter: 490.616 Area: 14,047 sq.ft. 0.32 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.000 Course: S 10-54-07.1 E

North: -0.0001 East: 0.0000

Precision 1: 490,490,000.000

Parcel name: Block 3, Lot 5

Line Course: S 42-43-06.5 W Length: 145.762 North: 1702015.327 East: 1700132.618

Line Course: N 47-16-53.5 W Length: 98.714 North: 1701908.236 East: 1700033.733

Curve Length: 75.625 Radius: 229.000 North: 1701975.203 East: 1699961.209
Delta: 18-55-17.0 Tangent: 38.160
Chord: 75.282 Course: N 21-14-07.8 E
Course In: N 59-18-13.7 W Course Out: S 78-13-30.7 E
RP North: 1702092.104 East: 1699764.295
End North: 1702045.373 East: 1699988.476

Line Course: S 78-13-30.7 E Length: 147.240 North: 1702015.327 East: 1700132.617

Perimeter: 467.342 Area: 12,504 sq.ft. 0.28 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.000 Course: N 52-18-31.1 W
 North: 0.0002 East: -0.0003
 Precision 1: 466,998,000.000

Parcel name: Block 3, Lot 6

Line Course: S 01-00-20.7 E Length: 98.607 North: 1702113.919 East: 1700130.887
 Line Course: N 78-13-30.7 W Length: 147.240 North: 1702015.327 East: 1700132.618
 Curve Length: 57.139 Radius: 229.000 North: 1702045.374 East: 1699988.476
 Delta: 14-17-45.8 Tangent: 28.718
 Chord: 56.990 Course: N 04-37-36.4 E
 Course In: N 78-13-30.7 W Course Out: N 87-28-43.5 E
 RP North: 1702092.105 East: 1699764.295
 End North: 1702102.178 East: 1699993.073
 Line Course: N 02-31-16.5 W Length: 9.323
 Line Course: N 88-59-39.3 E Length: 138.246 North: 1702111.492 East: 1699992.663
 North: 1702113.918 East: 1700130.888

Perimeter: 450.555 Area: 11,543 sq.ft. 0.26 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.001 Course: S 68-16-47.3 E
 North: -0.0003 East: 0.0008
 Precision 1: 450,406.000

Parcel name: Block 3, Lot 7

Line Course: N 01-00-20.7 W Length: 57.068 North: 1702113.919 East: 1700130.887
 Line Course: N 01-00-20.7 W Length: 22.932 North: 1702170.978 East: 1700129.885
 Line Course: S 88-59-39.3 W Length: 140.362 North: 1702193.906 East: 1700129.483
 Line Course: S 02-31-16.5 E Length: 80.028 North: 1702191.443 East: 1699989.142
 Line Course: N 88-59-39.3 E Length: 138.246 North: 1702111.492 East: 1699992.663
 North: 1702113.919 East: 1700130.887

Perimeter: 438.636 Area: 11,144 sq.ft. 0.25 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.001 Course: N 89-43-22.7 E
 North: 0.0000 East: 0.0005
 Precision 1: 438,636.000

Parcel name: Block 3, Lot 8

North: 1702273.894 East: 1700128.079

Line Course: S 01-00-20.7 E Length: 80.000
 North: 1702193.906 East: 1700129.483
 Line Course: S 88-59-39.3 W Length: 140.362
 North: 1702191.443 East: 1699989.142
 Line Course: N 02-31-16.5 W Length: 80.028
 North: 1702271.393 East: 1699985.622
 Line Course: N 88-59-39.3 E Length: 142.479
 North: 1702273.894 East: 1700128.079

Perimeter: 442.869 Area: 11,313 sq.ft. 0.25 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.000 Course: N 88-10-09.4 E
 North: 0.0000 East: 0.0005
 Precision 1: 442,869,000.000

Parcel name: Block 3, Lot 9

Line Course: S 01-00-20.7 E Length: 80.000
 North: 1702353.882 East: 1700126.674
 Line Course: S 88-59-39.3 W Length: 142.479
 North: 1702273.894 East: 1700128.079
 Line Course: N 02-31-16.5 W Length: 58.667
 North: 1702271.393 East: 1699985.621
 North: 1702330.003 East: 1699983.041
 Curve Length: 21.381 Radius: 171.000
 Delta: 7-09-50.5 Tangent: 10.705
 Chord: 21.367 Course: N 01-03-38.8 E
 Course In: N 87-28-43.5 E Course Out: N 85-21-26.0 W
 RP North: 1702337.526 East: 1700153.875
 End North: 1702351.367 East: 1699983.436
 Line Course: N 88-59-39.3 E Length: 143.260
 North: 1702353.881 East: 1700126.674

Perimeter: 445.787 Area: 11,473 sq.ft. 0.26 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.000 Course: S 12-01-47.0 W
 North: -0.0004 East: -0.0001
 Precision 1: 445,773,000.000

Parcel name: Block 3, Lot 10

Line Course: N 88-59-39.3 E Length: 16.740
 North: 1702353.882 East: 1700126.674
 Line Course: N 01-00-20.7 W Length: 153.867
 North: 1702354.176 East: 1700143.412
 North: 1702508.019 East: 1700140.711
 Curve Length: 241.572 Radius: 171.000
 Delta: 80-56-31.1 Tangent: 145.898
 Chord: 221.980 Course: S 45-06-49.6 W
 Course In: S 04-24-54.9 E Course Out: N 85-21-26.0 W
 RP North: 1702337.526 East: 1700153.875

End North: 1702351.367 East: 1699983.436
 Line Course: N 88-59-39.3 E Length: 143.260

North: 1702353.882 East: 1700126.674

Perimeter: 555.439 Area: 18,525 sq.ft. 0.42 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.000 Course: N 65-24-27.8 W
 North: 0.0002 East: -0.0004
 Precision 1: 535,847,000.000

Parcel name: Block 3, Lot 11

Line Course: N 88-59-39.3 E Length: 76.740 North: 1702354.408 East: 1700156.670

Line Course: N 01-00-20.7 W Length: 140.569 North: 1702355.755 East: 1700233.398

North: 1702496.303 East: 1700230.930

Curve Length: 38.725 Radius: 629.000
 Delta: 3-31-38.9 Tangent: 19.369
 Chord: 38.719 Course: N 78-32-35.4 W
 Course In: N 09-41-35.2 E Course Out: S 13-13-14.1 W
 RP North: 1703116.323 East: 1700336.836
 End North: 1702503.993 East: 1700192.983

Curve Length: 52.634 Radius: 171.000
 Delta: 17-38-09.0 Tangent: 26.527
 Chord: 52.427 Course: N 85-35-50.4 W
 Course In: S 13-13-14.1 W Course Out: N 04-24-54.9 W
 RP North: 1702337.526 East: 1700153.875
 End North: 1702508.018 East: 1700140.711

Line Course: S 01-00-20.7 E Length: 153.867

North: 1702354.175 East: 1700143.411

Line Course: N 88-59-39.3 E Length: 13.260

North: 1702354.407 East: 1700156.669

Perimeter: 475.795 Area: 13,437 sq.ft. 0.30 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.001 Course: S 16-10-16.7 W
 North: -0.0009 East: -0.0003
 Precision 1: 475,582.000

Parcel name: Block 3, Lot 12

Line Course: S 09-51-54.8 E Length: 132.013 North: 1702487.665 East: 1700316.096

Line Course: S 88-59-39.3 W Length: 105.332 North: 1702357.604 East: 1700338.713

Line Course: N 01-00-20.7 W Length: 140.569 North: 1702355.756 East: 1700233.398

North: 1702496.303 East: 1700230.930

Curve Length: 85.668 Radius: 629.000
 Delta: 7-48-12.7 Tangent: 42.900

Chord: 85.602 Course: S 84-12-31.2 E
 Course In: N 09-41-35.2 E Course Out: S 01-53-22.5 W
 RP North: 1703116.323 East: 1700336.836
 End North: 1702487.665 East: 1700316.095

Perimeter: 463.582 Area: 12,760 sq.ft. 0.29 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.000 Course: S 26-08-17.4 W
 North: -0.0003 East: -0.0001
 Precision 1: 463,516,000.000

Parcel name: Block 3, Lot 13

Line Course: S 01-00-20.7 E Length: 142.339 North: 1702273.028 East: 1700483.880
 North: 1702130.711 East: 1700486.378
 Curve Length: 108.836 Radius: 254.000
 Delta: 24-33-02.4 Tangent: 55.266
 Chord: 108.006 Course: S 70-47-47.6 E
 Course In: S 06-55-41.2 W Course Out: N 31-28-43.6 E
 RP North: 1701878.565 East: 1700455.740
 End North: 1702095.185 East: 1700588.374
 Curve Length: 82.777 Radius: 171.000
 Delta: 27-44-07.4 Tangent: 42.216
 Chord: 81.971 Course: N 01-21-38.9 W
 Course In: N 77-29-35.2 W Course Out: N 74-46-17.4 E
 RP North: 1702132.216 East: 1700421.432
 End North: 1702177.133 East: 1700586.428
 Curve Length: 98.770 Radius: 429.000
 Delta: 13-11-28.8 Tangent: 49.604
 Chord: 98.552 Course: N 08-37-58.2 W
 Course In: N 74-46-17.4 E Course Out: S 87-57-46.2 W
 RP North: 1702289.818 East: 1701000.364
 End North: 1702274.568 East: 1700571.635
 Line Course: S 88-59-39.3 W Length: 87.768
 North: 1702273.028 East: 1700483.880

Perimeter: 520.490 Area: 15,275 sq.ft. 0.35 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.001 Course: S 89-38-21.5 E
 North: -0.0000 East: 0.0006
 Precision 1: 518,636.000

Parcel name: Block 3, Lot 14

Line Course: S 59-46-26.9 E Length: 83.007 North: 1702314.814 East: 1700412.158
 North: 1702273.028 East: 1700483.880
 Line Course: S 01-00-20.7 E Length: 142.339 North: 1702130.711 East: 1700486.378
 Curve Length: 71.840 Radius: 254.000

Delta: 16-12-19.1 Tangent: 36.162
 Chord: 71.601 Course: S 88-49-31.6 W
 Course In: S 06-55-41.2 W Course Out: N 09-16-37.9 W
 RP North: 1701878.565 East: 1700455.740
 End North: 1702129.243 East: 1700414.792
 Curve Length: 43.384 Radius: 91.000
 Delta: 27-18-56.7 Tangent: 22.113
 Chord: 42.975 Course: N 85-37-09.6 W
 Course In: N 09-16-37.9 W Course Out: S 18-02-18.8 W
 RP North: 1702219.053 East: 1700400.122
 End North: 1702132.526 East: 1700371.943
 Line Course: N 12-26-26.6 E Length: 186.672

North: 1702314.814 East: 1700412.157

Perimeter: 527.242 Area: 15,619 sq.ft. 0.35 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.000 Course: N 82-42-33.1 W
 North: 0.0000 East: -0.0003
 Precision 1: 526,594,000.000

Parcel name: Block 3, Lot 15

North: 1702132.526 East: 1700371.943
 Curve Length: 43.384 Radius: 91.000
 Delta: 27-18-56.7 Tangent: 22.113
 Chord: 42.975 Course: N 58-18-12.8 W
 Course In: N 18-02-18.8 E Course Out: S 45-21-15.5 W
 RP North: 1702219.053 East: 1700400.122
 End North: 1702155.106 East: 1700335.378
 Curve Length: 84.462 Radius: 50.000
 Delta: 96-47-09.3 Tangent: 56.302
 Chord: 74.772 Course: N 26-28-21.5 W
 Course In: N 68-04-46.9 W Course Out: N 15-08-03.8 E
 RP North: 1702173.772 East: 1700288.993
 End North: 1702222.038 East: 1700302.047
 Line Course: N 15-08-03.8 E Length: 140.438
 North: 1702357.605 East: 1700338.713
 Line Course: S 59-46-26.9 E Length: 85.000
 North: 1702314.815 East: 1700412.157
 Line Course: S 12-26-26.6 W Length: 186.672
 North: 1702132.526 East: 1700371.942

Perimeter: 539.956 Area: 13,984 sq.ft. 0.32 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.001 Course: N 71-28-37.2 W
 North: 0.0002 East: -0.0006
 Precision 1: 529,857.000

Parcel name: Block 3, Lot 16

North: 1702214.107 East: 1700259.446

Curve Length: 44.819 Radius: 50.000
 Delta: 51-21-30.9 Tangent: 24.041
 Chord: 43.333 Course: N 79-27-18.4 E
 Course In: S 36-13-27.1 E Course Out: N 15-08-03.8 E
 RP North: 1702173.771 East: 1700288.993
 End North: 1702222.037 East: 1700302.047
 Line Course: N 15-08-03.8 E Length: 140.438

North: 1702357.604 East: 1700338.713

Line Course: S 88-59-39.3 W Length: 105.332

North: 1702355.755 East: 1700233.397

Line Course: S 88-59-39.3 W Length: 76.740

North: 1702354.408 East: 1700156.669

Line Course: S 36-13-27.1 E Length: 173.918

North: 1702214.107 East: 1700259.445

Perimeter: 541.247 Area: 15,532 sq.ft. 0.35 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.000 Course: S 71-50-14.7 W
 North: -0.0001 East: -0.0004
 Precision 1: 539,761,000.000

Parcel name: Block 3, Lot 17

Curve Length: 47.806 Radius: 50.000
 Delta: 54-46-53.6 Tangent: 25.907
 Chord: 46.006 Course: N 26-23-06.1 E
 Course In: N 88-59-39.3 E Course Out: N 36-13-27.1 W
 RP North: 1702173.771 East: 1700288.993
 End North: 1702214.107 East: 1700259.446
 Line Course: N 36-13-27.1 W Length: 173.918

North: 1702172.894 East: 1700239.001

Line Course: S 88-59-39.3 W Length: 13.260

North: 1702354.409 East: 1700156.670

Line Course: S 88-59-39.3 W Length: 16.740

North: 1702354.176 East: 1700143.412

Line Course: S 01-00-20.7 E Length: 80.000

North: 1702353.882 East: 1700126.674

Line Course: S 01-00-20.7 E Length: 80.000

North: 1702273.894 East: 1700128.079

Line Course: S 01-00-20.7 E Length: 22.932

North: 1702193.907 East: 1700129.483

Line Course: N 88-59-39.3 E Length: 109.132

North: 1702170.978 East: 1700129.885

North: 1702172.894 East: 1700239.001

Perimeter: 543.788 Area: 16,104 sq.ft. 0.36 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.000 Course: N 63-30-34.8 W
 North: 0.0002 East: -0.0003
 Precision 1: 541,988,000.000

Parcel name: Block 3, Lot 18

Line Course: S 88-59-39.3 W Length: 109.132 North: 1702172.894 East: 1700239.001
 Line Course: S 01-00-20.7 E Length: 57.068 North: 1702170.978 East: 1700129.886
 Line Course: S 01-00-20.7 E Length: 98.607 North: 1702113.919 East: 1700130.887
 Line Course: N 54-36-48.3 E Length: 187.482 North: 1702015.327 East: 1700132.618
 Curve Length: 74.131 Radius: 50.000 North: 1702123.896 East: 1700285.465
 Delta: 84-56-53.4 Tangent: 45.775
 Chord: 67.526 Course: N 43-28-47.4 W
 Course In: N 04-02-45.9 E Course Out: S 88-59-39.3 W
 RP North: 1702173.771 East: 1700288.993
 End North: 1702172.894 East: 1700239.001

Perimeter: 526.422 Area: 14,153 sq.ft. 0.32 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.000 Course: N 04-47-40.8 W
 North: 0.0004 East: -0.0000
 Precision 1: 519,815,000.000

Parcel name: Block 3, Lot 19

Line Course: N 63-02-04.7 W Length: 81.395 North: 1701946.676 East: 1700267.553
 Line Course: N 63-02-04.7 W Length: 70.000 North: 1701983.585 East: 1700195.007
 Line Course: N 54-36-48.3 E Length: 187.482 North: 1702015.327 East: 1700132.618
 Curve Length: 63.341 Radius: 149.000 North: 1702123.896 East: 1700285.465
 Delta: 24-21-25.1 Tangent: 32.156
 Chord: 62.865 Course: S 51-52-07.9 E
 Course In: N 50-18-34.7 E Course Out: S 25-57-09.6 W
 RP North: 1702219.053 East: 1700400.122
 End North: 1702085.079 East: 1700334.915
 Line Course: S 25-57-09.6 W Length: 153.925 North: 1701946.676 East: 1700267.553

Perimeter: 556.144 Area: 17,159 sq.ft. 0.39 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.001 Course: S 82-48-21.1 W
 North: -0.0001 East: -0.0006
 Precision 1: 555,667.000

Parcel name: Block 3, Lot 20

North: 1701904.021 East: 1700388.253

Line Course: N 83-44-10.3 W Length: 47.281
 North: 1701909.180 East: 1700341.255

Line Course: N 63-02-04.7 W Length: 82.692
 North: 1701946.676 East: 1700267.553

Line Course: N 25-57-09.6 E Length: 153.925
 North: 1702085.079 East: 1700334.915

Curve Length: 73.863 Radius: 149.000
 Delta: 28-24-11.1 Tangent: 37.707
 Chord: 73.109 Course: S 78-14-56.0 E
 Course In: N 25-57-09.6 E Course Out: S 02-27-01.5 E
 RP North: 1702219.053 East: 1700400.121
 End North: 1702070.190 East: 1700406.492

Line Course: S 06-15-49.7 W Length: 167.166
 North: 1701904.022 East: 1700388.253

Perimeter: 524.927 Area: 16,340 sq.ft. 0.37 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.001 Course: N 49-29-59.4 W
 North: 0.0006 East: -0.0007
 Precision 1: 524,173.000

Parcel name: Block 3, Lot 21

Line Course: N 06-15-49.7 E Length: 167.166
 North: 1701904.021 East: 1700388.253

Line Course: N 06-15-49.7 E Length: 167.166
 North: 1702070.189 East: 1700406.492

Curve Length: 17.753 Radius: 149.000
 Delta: 6-49-36.4 Tangent: 8.887
 Chord: 17.743 Course: N 84-08-10.3 E
 Course In: N 02-27-01.5 W Course Out: S 09-16-37.9 E
 RP North: 1702219.053 East: 1700400.122
 End North: 1702072.002 East: 1700424.142

Curve Length: 148.692 Radius: 196.000
 Delta: 43-27-59.4 Tangent: 78.130
 Chord: 145.152 Course: S 77-32-38.2 E
 Course In: S 09-16-37.9 E Course Out: N 34-11-21.5 E
 RP North: 1701878.565 East: 1700455.740
 End North: 1702040.694 East: 1700565.878

Curve Length: 50.367 Radius: 171.000
 Delta: 16-52-34.2 Tangent: 25.367
 Chord: 50.185 Course: S 40-47-49.0 W
 Course In: N 57-38-28.1 W Course Out: S 40-45-53.9 E
 RP North: 1702132.216 East: 1700421.432
 End North: 1702002.702 East: 1700533.088

Line Course: S 49-14-06.1 W Length: 80.878
 North: 1701949.892 East: 1700471.831

Curve Length: 66.728 Radius: 229.000
 Delta: 16-41-42.9 Tangent: 33.602
 Chord: 66.492 Course: S 40-53-14.6 W
 Course In: S 40-45-53.9 E Course Out: N 57-27-36.8 W
 RP North: 1701776.449 East: 1700621.359
 End North: 1701899.624 East: 1700428.307

Line Course: N 83-44-10.3 W Length: 40.294

North: 1701904.021 East: 1700388.254

Perimeter: 571.879 Area: 18,263 sq.ft. 0.41 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.001 Course: S 77-16-39.9 E

North: -0.0001 East: 0.0006

Precision 1: 567,910.000

Parcel name: Block 4, Lot 1

Line Course: S 89-27-44.5 W Length: 171.937

North: 1701917.455 East: 1699621.545

Line Course: N 00-32-15.5 W Length: 90.000

North: 1701915.842 East: 1699449.616

Line Course: N 89-27-44.5 E Length: 60.265

North: 1702005.838 East: 1699448.771

North: 1702006.403 East: 1699509.034

Curve Length: 106.469 Radius: 1032.000

Delta: 5-54-39.9 Tangent: 53.282

Chord: 106.422 Course: N 86-30-24.5 E

Course In: N 00-32-15.5 W Course Out: S 06-26-55.4 E

RP North: 1703038.358 East: 1699499.350

End North: 1702012.888 East: 1699615.258

Curve Length: 95.678 Radius: 968.000

Delta: 5-39-47.5 Tangent: 47.878

Chord: 95.639 Course: S 03-46-08.6 E

Course In: S 83-23-57.6 W Course Out: N 89-03-45.1 E

RP North: 1701901.617 East: 1698653.674

End North: 1701917.456 East: 1699621.545

Perimeter: 524.349 Area: 15,516 sq.ft. 0.35 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.001 Course: N 57-04-34.9 W

North: 0.0003 East: -0.0005

Precision 1: 524,263.000

Parcel name: Block 4, Lot 2

Curve Length: 85.085 Radius: 968.000

Delta: 5-02-10.3 Tangent: 42.570

Chord: 85.058 Course: N 01-34-50.3 E

Course In: N 85-54-04.6 W Course Out: N 89-03-45.1 E

RP North: 1701901.618 East: 1698653.675

End North: 1701917.455 East: 1699621.545

Line Course: S 89-27-44.5 W Length: 171.937

North: 1701832.430 East: 1699619.199

North: 1701915.842 East: 1699449.616

Line Course: S 00-32-15.5 E Length: 85.000

North: 1701830.846 East: 1699450.413

Line Course: N 89-27-44.5 E Length: 168.793

North: 1701832.429 East: 1699619.199

Perimeter: 510.815 Area: 14,533 sq.ft. 0.33 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.000 Course: S 18-51-03.7 W

North: -0.0001 East: -0.0000

Precision 1: 510,788,000.000

Parcel name: Block 4, Lot 3

North: 1701747.338 East: 1699609.876

Curve Length: 23.819 Radius: 1032.000
 Delta: 1-19-20.6 Tangent: 11.910
 Chord: 23.818 Course: N 07-05-43.0 E
 Course In: S 83-33-57.3 E Course Out: N 82-14-36.7 W
 RP North: 1701631.692 East: 1700635.376
 End North: 1701770.974 East: 1699612.818

Curve Length: 61.797 Radius: 968.000
 Delta: 3-39-27.9 Tangent: 30.909
 Chord: 61.786 Course: N 05-55-39.3 E
 Course In: N 82-14-36.7 W Course Out: S 85-54-04.6 E
 RP North: 1701901.618 East: 1698653.675
 End North: 1701832.430 East: 1699619.199

Line Course: S 89-27-44.5 W Length: 168.793

North: 1701830.846 East: 1699450.413

Line Course: S 00-32-15.5 E Length: 85.000

North: 1701745.849 East: 1699451.211

Line Course: N 89-27-44.5 E Length: 158.672

North: 1701747.338 East: 1699609.876

Perimeter: 498.079 Area: 13,951 sq.ft. 0.32 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.000 Course: N 85-09-56.3 W

North: 0.0000 East: -0.0002

Precision 1: 498,069,000.000

Parcel name: Block 4, Lot 4

North: 1701662.278 East: 1699603.829

Curve Length: 85.299 Radius: 1032.000
 Delta: 4-44-08.7 Tangent: 42.674
 Chord: 85.275 Course: N 04-03-58.3 E
 Course In: S 88-18-06.0 E Course Out: N 83-33-57.3 W
 RP North: 1701631.692 East: 1700635.376
 End North: 1701747.338 East: 1699609.876

Line Course: S 89-27-44.5 W Length: 158.672

North: 1701745.849 East: 1699451.211

Line Course: S 00-32-15.5 E Length: 85.000

North: 1701660.853 East: 1699452.009

Line Course: N 89-27-44.5 E Length: 151.827

North: 1701662.278 East: 1699603.829

Perimeter: 480.798 Area: 13,146 sq.ft. 0.30 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.000 Course: S 67-48-37.2 W
 North: -0.0001 East: -0.0003
 Precision 1: 480,774,000.000

Parcel name: Block 4, Lot 5

Curve Length: 85.024 Radius: 1032.000 North: 1701577.283 East: 1699604.811
 Delta: 4-43-13.7 Tangent: 42.536
 Chord: 85.000 Course: N 00-39-42.9 W
 Course In: N 86-58-40.3 E Course Out: N 88-18-06.0 W
 RP North: 1701631.692 East: 1700635.376
 End North: 1701662.278 East: 1699603.829
 Line Course: S 89-27-44.5 W Length: 151.827
 Line Course: S 00-32-15.5 E Length: 85.000 North: 1701660.853 East: 1699452.009
 Line Course: N 89-27-44.5 E Length: 152.011 North: 1701575.857 East: 1699452.807
 North: 1701577.283 East: 1699604.811

Perimeter: 473.863 Area: 12,863 sq.ft. 0.29 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.000 Course: S 61-03-07.7 W
 North: -0.0002 East: -0.0004
 Precision 1: 473,838,000.000

Parcel name: Block 4, Lot 6

Line Course: S 89-27-44.5 W Length: 152.011 North: 1701577.283 East: 1699604.811
 Line Course: S 00-32-15.5 E Length: 85.000 North: 1701575.857 East: 1699452.807
 Line Course: N 89-27-44.5 E Length: 158.738 North: 1701490.861 East: 1699453.605
 North: 1701492.350 East: 1699612.336
 Curve Length: 20.297 Radius: 718.000
 Delta: 1-37-10.9 Tangent: 10.149
 Chord: 20.296 Course: N 05-49-12.3 W
 Course In: S 84-59-23.2 W Course Out: N 83-22-12.3 E
 RP North: 1701429.645 East: 1698897.079
 End North: 1701512.542 East: 1699610.278
 Curve Length: 64.983 Radius: 1032.000
 Delta: 3-36-28.0 Tangent: 32.502
 Chord: 64.972 Course: N 04-49-33.7 W
 Course In: N 83-22-12.3 E Course Out: S 86-58-40.3 W
 RP North: 1701631.692 East: 1700635.376
 End North: 1701577.283 East: 1699604.811

Perimeter: 481.029 Area: 13,174 sq.ft. 0.30 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.000 Course: S 27-30-23.5 E

North: -0.0001 East: 0.0001

Precision 1: 481,017,000.000



MKEC ENGINEERING CONSULTANTS, INC.
 411 North Webb Road
 Wichita, Kansas 67206
 T 316.684.9600 F 316.684.5100
LETTER OF TRANSMITTAL

PROJECT: Monarch Landing 2nd Addition TO: Ms. Vicky Huang
 PROJECT NO: 07165 City of Wichita – Engineering
 455 North Main – 7th Floor
 DATE: March 8, 2007 Wichita, Kansas 67202

We are sending you the following items: Attached
 Under separate cover
 Via Delivery

Drawings Specifications Maps
 Computer Disks Petitions Other

COMMENTS: Sending one (1) copy of the Drainage Report along with a CD of the electronic files for the above referenced project.

For Your Approval As Requested
 For Your Use For Your Files
 Approved As Noted For Review and Comment

REMARKS: Please feel free to contact us with any questions you might have.

Signed: Kara Anderson
 Kara Anderson, P.E.

CC: