



**MKEC ENGINEERING CONSULTANTS, INC.**  
 411 North Webb Road  
 Wichita, Kansas 67206  
 T 316 684 9600 F 316 684 5100  
**LETTER OF TRANSMITTAL**

**SCANNED**

PROJECT Foliage, Foliage Center 2<sup>nd</sup>, & TO Ms Julianne Kallman  
 Foliage 4<sup>th</sup> Addition City of Wichita – Engineering  
 PROJECT NO 04274 455 North Main – 7<sup>th</sup> Floor  
 DATE April 14, 2008 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 Tara Hancock by cw  
 Tara Hancock, EIT

CC

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**Foliage Fourth First Addition**

Parcel Closure  
 Project J\CIVIL\4274\  
 COGO Revisions  
 Date Thursday, April 29, 2008

**Parcel name: FINAL PLAT BOUNDARY**

Line Course: N 00-53-35.2 W Length: 179.108	North: 1695366.207	East: 1680404.916
	North: 1695545.293	East: 1680402.125
Line Course: N 75-49-33.2 W Length: 26.720	North: 1695551.836	East: 1680376.218
Curve Length: 50.265	Radius: 96.000	
Delta: 30-00-00.0	Tangent: 25.723	
Chord: 49.693	Course: S 89-10-26.8 W	
Course In: S 14-10-26.8 W	Course Out: N 15-49-33.2 W	
RP North: 1695458.759	East: 1680352.711	
End North: 1695551.120	East: 1680326.530	
Line Course: S 74-10-26.8 W Length: 191.550	North: 1695498.882	East: 1680142.241
Curve Length: 59.025	Radius: 182.000	
Delta: 18-34-54.9	Tangent: 29.774	
Chord: 58.767	Course: N 06-31-55.8 W	
Course In: N 87-14-28.3 W	Course Out: N 74-10-36.8 E	
RP North: 1695507.642	East: 1679960.452	
End North: 1695557.267	East: 1680135.555	
Line Course: N 74-10-26.8 E Length: 205.960	North: 1695613.435	East: 1680333.709
Line Course: N 89-06-24.8 E Length: 25.000	North: 1695613.825	East: 1680358.706
Line Course: N 00-53-35.2 W Length: 123.072	North: 1695736.882	East: 1680356.787
Line Course: N 00-53-35.2 W Length: 28.928	North: 1695765.807	East: 1680356.336
Line Course: N 89-06-24.8 E Length: 15.676	North: 1695766.051	East: 1680372.010
Line Course: N 19-21-51.2 E Length: 21.319	North: 1695786.164	East: 1680379.079
Line Course: N 89-06-24.8 E Length: 151.942	North: 1695788.532	East: 1680531.003
Line Course: N 67-18-19.7 E Length: 107.703	North: 1695830.086	East: 1680630.367
Line Course: N 89-06-24.8 E Length: 295.000	North: 1695834.684	East: 1680925.331
Line Course: S 00-53-34.9 E Length: 460.099	North: 1695374.641	East: 1680932.502
Line Course: S 89-05-03.0 W Length: 527.654	North: 1695366.207	East: 1680404.915

Perimeter: 486.021 Area 3,148 sq ft 0.07 acres

Mapcheck Closure - (Uses listed courses and chords)  
 Error Closure: 0.001 Course N 38-51-53.9 W  
 Error North: 0.0004 East -0.0004  
 Precision 1 485,905.000

**SCANNED**

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**Parcel name: p3 RESERVE "C"**

Curve Length: 123.795 Radius: 484.000 North 1695569.582 East : 1680401.746  
 Delta 14-39-17.3 Tangent 62.237  
 Chord: 123.458 Course: S 81-30-05.4 W  
 Course In S 01-10-15.9 E Course Out: N 15-49-33.2 W  
 RP North: 1695085.683 East : 1680411.638  
 End North 1695551.337 East 1680279.643  
 Line Course: S 74-10-26.8 W Length: 142.663

Curve Length: 13.554 Radius: 182.000 North: 1695512.431 East 1680142.388  
 Delta 4-16-00.6 Tangent: 6.780  
 Chord: 13.550 Course S 00-37-31.4 W  
 Course In S 88-29-31.1 W Course Out S 87-14-28.3 E  
 RP North 1695507.641 East 1679960.451  
 End North: 1695498.882 East : 1680142.240  
 Line Course: N 74-10-26.8 E Length: 191.550

Curve Length: 50.265 Radius 96.000 North 1695551.120 East : 1680326.530  
 Delta 30-00-00.0 Tangent 25.723  
 Chord: 49.693 Course N 89-10-26.8 E  
 Course In: S 15-49-33.2 E Course Out: N 14-10-26.8 E  
 RP North: 1695458.759 East : 1680352.710  
 End North: 1695551.837 East 1680376.217  
 Line Course S 75-49-33.2 E Length 26.720

Line Course: N 00-53-35.2 W Length 24.292 North 1695545.294 East : 1680402.124  
 North 1695569.583 East : 1680401.745

Perimeter: 572.839 Area. 3,573 sq.ft. 0.08 acres

Mapcheck Closure - (Uses listed courses and chords)  
 Error Closure 0.001 Course: N 58-42-29.3 W  
 Error North 0.0004 East -0.0006  
 Precision 1 571,926.000

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**Parcel name: p3 RESERVE "D"**

North 1695573.685 East : 1680768.193



## SCANNED

Course In: S 88-29-31.1 W Course Out: N 78-16-22.6 E  
 RP North: 1695507.641 East: 1679960.452  
 End North: 1695544.633 East: 1680138.653  
 Line Course: N 74-10-26.8 E Length: 137.475  
 North: 1695582.124 East: 1680270.917  
 Curve Length: 89.733 Radius: 516.000  
 Delta: 9-57-49.7 Tangent: 44.980  
 Chord: 89.620 Course: N 79-09-21.7 E  
 Course In: S 15-49-33.2 E Course Out: N 05-51-43.5 W  
 RP North: 1695085.683 East: 1680411.638  
 End North: 1695598.985 East: 1680358.937  
 Curve Length: 123.062 Radius: 516.000  
 Delta: 13-39-52.7 Tangent: 61.824  
 Chord: 122.771 Course: S 89-01-47.1 E  
 Course In: S 05-51-43.5 E Course Out: N 07-48-09.2 E  
 RP North: 1695085.683 East: 1680411.638  
 End North: 1695596.906 East: 1680481.690  
 Curve Length: 52.569 Radius: 484.000  
 Delta: 6-13-23.2 Tangent: 26.310  
 Chord: 52.543 Course: S 85-18-32.4 E  
 Course In: N 07-48-09.2 E Course Out: S 01-34-46.0 W  
 RP North: 1696076.425 East: 1680547.398  
 End North: 1695592.609 East: 1680534.057  
 Curve Length: 111.664 Radius: 484.000  
 Delta: 13-13-07.7 Tangent: 56.081  
 Chord: 111.417 Course: N 84-58-12.1 E  
 Course In: N 01-34-46.0 E Course Out: S 11-38-21.7 E  
 RP North: 1696076.425 East: 1680547.398  
 End North: 1695602.378 East: 1680645.045  
 Line Course: N 78-21-38.3 E Length: 62.879  
 North: 1695615.064 East: 1680706.631  
 Curve Length: 26.248 Radius: 33.000  
 Delta: 45-34-22.8 Tangent: 13.863  
 Chord: 25.562 Course: N 55-34-26.9 E  
 Course In: N 11-38-21.7 W Course Out: S 57-12-44.5 E  
 RP North: 1695647.385 East: 1680699.973  
 End North: 1695629.515 East: 1680727.716  
 Curve Length: 87.549 Radius: 37.000  
 Delta: 135-34-22.8 Tangent: 90.605  
 Chord: 68.508 Course: S 79-25-33.1 E  
 Course In: S 57-12-44.5 E Course Out: N 78-21-38.3 E  
 RP North: 1695609.478 East: 1680758.821  
 End North: 1695616.943 East: 1680795.061  
 Curve Length: 56.161 Radius: 37.000  
 Delta: 86-58-02.6 Tangent: 35.092  
 Chord: 50.923 Course: S 31-50-39.6 W  
 Course In: S 78-21-38.3 W Course Out: S 14-40-19.1 E  
 RP North: 1695609.478 East: 1680758.821  
 End North: 1695573.685 East: 1680768.193

Delta: 6-13-23.2      Tangent: 26.310  
 Chord 52.543      Course N 85-18-32.4 W  
 Course In: N 01-34-46.0 E      Course Out S 07-48-09.2 W  
 RP North: 1696076.425      East : 1680547.397  
 End North: 1695596.906      East : 1680481.690  
 Curve Length: 123.062      Radius: 516.000  
 Delta: 13-39-52.7      Tangent: 61.824  
 Chord: 122.771      Course: N 89-01-47.1 W  
 Course In: S 07-48-09.2 W      Course Out N 05-51-43.5 W  
 RP North: 1695085.683      East : 1680411.638  
 End North: 1695598.985      East : 1680358.936  
 Line Course N 00-53-35.2 W Length: 14.842

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North: 1695613.825      East : 1680358.705  
 Line Course: N 00-53-35.2 W Length 123.072  
 North: 1695736.882      East : 1680356.787  
 Line Course N 27-33-38.1 E Length: 32.902  
 North: 1695766.051      East : 1680372.010

Perimeter 715.656 Area 32,395 sq.ft. 0.74 acres

Mapcheck Closure - (Uses listed courses and chords)  
 Error Closure: 0.000      Course: S 32-54-03.9 W  
 Error North: -0.0003      East : -0.0002  
 Precision 1 715,338,000.000

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**Parcel name: p3 BLOCK 1, LOT 2**

North: 1695831.255      East : 1680705.358  
 Line Course: S 89-06-24.8 W Length: 75.000  
 North: 1695830.086      East : 1680630.367  
 Line Course S 67-18-19.7 W Length 107.703  
 North: 1695788.532      East : 1680531.003  
 Line Course: S 00-53-35.2 E Length: 195.947  
 North: 1695592.609      East : 1680534.058  
 Curve Length: 111.664      Radius: 484.000  
 Delta: 13-13-07.7      Tangent: 56.081  
 Chord 111.417      Course: N 84-58-12.1 E  
 Course In N 01-34-46.0 E      Course Out: S 11-38-21.7 E  
 RP North: 1696076.425      East : 1680547.398  
 End North: 1695602.377      East : 1680645.045  
 Line Course: N 78-21-38.3 E Length: 62.879  
 North: 1695615.063      East : 1680706.631  
 Line Course N 00-20-14.5 W Length 216.195  
 North: 1695831.255      East : 1680705.358

Perimeter: 769.388 Area 37,956 sq.ft. 0.87 acres

Mapcheck Closure - (Uses listed courses and chords)

Line Course N 00-53-34.9 W Length 269.780 North: 1695374.641 East 1680932.502  
 Line Course S 78-21-38.3 W Length: 136.035 North 1695644 389 East 1680928.298  
 North: 1695616.944 East 1680795.060

Perimeter 824.807 Area 40,151 sq.ft. 0.92 acres

Mapcheck Closure - (Uses listed courses and chords)  
 Error Closure 0.001 Course N 44-26-24.4 W  
 Error North 0.0006 East : -0.0006  
 Precision 1 819,569.000

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**Parcel name: p3 BLOCK 1, LOT 5**

Curve Length 5.370 Radius 516.000 North 1695569 980 East : 1680646.236  
 Delta: 0-35-46 7 Tangent: 2.685  
 Chord: 5.370 Course: N 78-39-31 6 E  
 Course In. N 11-02-35.0 W Course Out S 11-38-21 7 E  
 RP North: 1696076.425 East : 1680547 398  
 End North 1695571.036 East 1680651.501  
 Line Course N 78-21-38.3 E Length 62.879

Curve Length 26.248 Radius: 33.000 North 1695583 722 East : 1680713 087  
 Delta: 45-34-22 8 Tangent 13.863  
 Chord: 25.562 Course: S 78-51-10.3 E  
 Course In. S 11-38-21.7 E Course Out N 33-56-01.1 E  
 RP North: 1695551.400 East 1680719.745  
 End North: 1695578.780 East : 1680738.167

Curve Length 31 388 Radius 37.000  
 Delta 48-36-20.2 Tangent: 16 708  
 Chord 30.455 Course S 80-22-09.0 E  
 Course In N 33-56-01.1 E Course Out. S 14-40-19.1 E  
 RP North: 1695609.478 East : 1680758.821  
 End North: 1695573.685 East 1680768.192

Line Course: S 00-53-35.2 E Length: 201.644 North 1695372.065 East 1680771.336

Line Course S 89-05-03 0 W Length 91.000 North 1695370.611 East . 1680680.347

Line Course: S 89-05-03.0 W Length 31.000 North 1695370.115 East : 1680649.351

Line Course N 00-53-35.2 W Length: 199.889 North: 1695569.980 East 1680646.235

Perimeter. 649 419 Area 25,173 sq ft. 0.57 acres

Mapcheck Closure - (Uses listed courses and chords)

North 1695368.164 East : 1680527.367  
Line Course N 00-53-35.2 W Length 192.798  
North: 1695560.939 East : 1680524.362

Perimeter 641.694 Area 24,376 sq.ft. 0.55 acres

Mapcheck Closure - (Uses listed courses and chords)  
Error Closure: 0.001 Course: S 19-36-17.5 E  
Error North -0.0006 East 0.0002  
Precision 1: 641,599.000

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