

# 10079-Strom Property

## Lot Closure Calculations



**Mark Pendergraft**

3/29/2013

**Core Design, Inc**

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Lot Report

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Lot File: P:\2010\10079\Carlson\Lot Files\10079 Prelim Lots.lot

CRD File: P:\2010\10079\Carlson\Lot Files\10079 Prelim Lots.crd

LOT 1 OF BLOCK 1, TYPE: LOT

PNT#	Bearing	Distance	Northing	Easting
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3126		260826.759	1321998.016	
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	N 88°03'53" W	65.00		
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3149		260828.954	1321933.053	
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	N 01°59'44" E	100.00		
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3150		260928.893	1321936.536	
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	S 88°03'53" E	65.00		
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3151		260926.698	1322001.499	
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	S 01°59'44" W	100.00		
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3126		260826.759	1321998.016	
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Closure Error Distance&gt; 0.0000

Total Distance&gt; 330.00

LOT AREA: 6500 SQ FT OR 0.1492 ACRES

LOT 2 OF BLOCK 1, TYPE: LOT

PNT#	Bearing	Distance	Northing	Easting
3149		260828.954	1321933.053	
	N 88°03'53" W	50.00		
3147		260830.642	1321883.082	
	N 01°59'44" E	100.00		
3148		260930.582	1321886.564	
	S 88°03'53" E	50.00		
3150		260928.893	1321936.536	
	S 01°59'44" W	100.00		
3149		260828.954	1321933.053	

Closure Error Distance> 0.0000  
Total Distance> 300.00  
LOT AREA: 5000 SQ FT OR 0.1148 ACRES

LOT 3 OF BLOCK 1, TYPE: LOT

PNT# Bearing Distance Northing Easting

3147 260830.642 1321883.082

N 88°03'53" W 13.52

3125 260831.099 1321869.568

Radius: 25.00 Length: 21.55 Chord: 20.89 Delta: 49°22'45"

Chord BRG: N 63°22'30" W Rad-In: N 01°56'07" E Rad-Out: N 51°18'52" E

Radius Pt: 3116 260856.085,1321870.412 Tangent: 11.49 Dir: Right

Tangent-In: N 88°03'53" W Tangent-Out: N 38°41'08" W

Tangential-In Tangential-Out

3128 260840.459 1321850.897

N 38°41'08" W 26.84

3127 260861.407 1321834.124

N 01°59'44" E 70.91

3129 260932.271 1321836.593

S 88°03'53" E 50.00

3148 260930.582 1321886.564

S 01°59'44" W 100.00

3147 260830.642 1321883.082

Closure Error Distance> 0.0098 Error Bearing> S 29°28'09" E

Closure Precision> 1 in 28928.3 Total Distance> 282.81

LOT AREA: 4619 SQ FT OR 0.1060 ACRES

LOT 4 OF BLOCK 1, TYPE: LOT

PNT#	Bearing	Distance	Northing	Easting
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3146		260756.801	1321995.579	
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	N 88°03'53" W	109.84		
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3121		260760.511	1321885.798	
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	N 18°04'56" W	53.21		
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3120		260811.097	1321869.281	
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	S 88°03'53" E	128.11		
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3123		260806.771	1321997.320	
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	S 01°59'44" W	50.00		
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3146		260756.801	1321995.579	
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Closure Error Distance> 0.0055 Error Bearing> N 33°50'33" W

Closure Precision> 1 in 61661.6 Total Distance> 341.17

LOT AREA: 5949 SQ FT OR 0.1366 ACRES

LOT 5 OF BLOCK 1, TYPE: LOT

PNT#	Bearing	Distance	Northing	Easting
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3145		260706.831	1321993.838	
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	N 88°03'53" W	100.00		
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3122		260710.209	1321893.895	
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	N 09°08'39" W	50.95		
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3121		260760.511	1321885.798	
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	S 88°03'53" E	109.84		
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3146		260756.801	1321995.579	
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	S 01°59'44" W	50.00		
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3145		260706.831	1321993.838	
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Closure Error Distance> 0.0037 Error Bearing> S 81°45'06" E

Closure Precision> 1 in 84427.7 Total Distance> 310.79

LOT AREA: 5246 SQ FT OR 0.1204 ACRES

LOT 6 OF BLOCK 1, TYPE: LOT

PNT#	Bearing	Distance	Northing	Easting
3144		260656.862	1321992.096	
	N 88°03'53" W	100.00		
3143		260660.239	1321892.153	
	N 01°59'44" E	50.00		
3122		260710.209	1321893.895	
	S 88°03'53" E	100.00		
3145		260706.831	1321993.838	
	S 01°59'44" W	50.00		
3144		260656.862	1321992.096	

Closure Error Distance> 0.0000  
Total Distance> 300.00  
LOT AREA: 5000 SQ FT OR 0.1148 ACRES

LOT 7 OF BLOCK 1, TYPE: LOT

PNT#	Bearing	Distance	Northing	Easting
3142		260606.892	1321990.355	
	N 88°03'53" W	100.00		
3141		260610.269	1321890.412	
	N 01°59'44" E	50.00		
3143		260660.239	1321892.153	
	S 88°03'53" E	100.00		
3144		260656.862	1321992.096	
	S 01°59'44" W	50.00		
3142		260606.892	1321990.355	

Closure Error Distance> 0.0000  
Total Distance> 300.00  
LOT AREA: 5000 SQ FT OR 0.1148 ACRES



LOT 8 OF BLOCK 1, TYPE: LOT

PNT#	Bearing	Distance	Northing	Easting
3140		260556.922	1321988.614	
	N 88°03'53" W	100.00		
3100		260560.299	1321888.671	
	N 01°59'44" E	50.00		
3141		260610.269	1321890.412	
	S 88°03'53" E	100.00		
3142		260606.892	1321990.355	
	S 01°59'44" W	50.00		
3140		260556.922	1321988.614	

Closure Error Distance> 0.0000  
Total Distance> 300.00  
LOT AREA: 5000 SQ FT OR 0.1148 ACRES

LOT 9 OF BLOCK 1, TYPE: LOT

PNT#	Bearing	Distance	Northing	Easting
3139		260506.953	1321986.873	
	N 88°03'53" W	98.00		
3138		260510.262	1321888.929	
	N 01°59'44" E	50.00		
3101		260560.232	1321890.670	
	S 88°03'53" E	98.00		
3140		260556.922	1321988.614	
	S 01°59'44" W	50.00		
3139		260506.953	1321986.873	

Closure Error Distance> 0.0000  
Total Distance> 296.00  
LOT AREA: 4900 SQ FT OR 0.1125 ACRES

LOT 10 OF BLOCK 1, TYPE: LOT

PNT# Bearing Distance Northing Easting  
 3137 260463.415 1321985.356

Radius: 285.00 Length: 6.44 Chord: 6.44 Delta: 01°17'38"

Chord BRG: S 02°38'33" W Rad-In: N 88°00'16" W Rad-Out: N 86°42'37" W

Radius Pt: 3136 260473.339,1321700.529 Tangent: 3.22 Dir: Right

Tangent-In: S 01°59'44" W Tangent-Out: S 03°17'23" W

Tangential-In Non Tangential-Out

3135 260456.985 1321985.059

N 88°03'53" W 97.93

3102 260460.293 1321887.188

N 01°59'44" E 50.00

3138 260510.262 1321888.929

S 88°03'53" E 98.00

3139 260506.953 1321986.873

S 01°59'44" W 43.56

3137 260463.415 1321985.356

Closure Error Distance> 0.0028 Error Bearing> S 77°53'29" E

Closure Precision> 1 in 107322.4 Total Distance> 295.93

LOT AREA: 4900 SQ FT OR 0.1125 ACRES

LOT 11 OF BLOCK 1, TYPE: LOT

PNT#	Bearing	Distance	Northing	Easting
3134		260421.633	1321980.799	
	S 10°27'10" W	14.69		
3133		260407.191	1321978.135	
	N 88°03'53" W	95.74		
3104		260410.424	1321882.448	
	N 01°59'44" E	50.00		
3103		260460.394	1321884.189	
	S 88°03'53" E	100.93		
3135		260456.985	1321985.059	
	Radius: 285.00 Length: 35.63 Chord: 35.61 Delta: 07°09'48"			
	Chord BRG: S 06°52'16" W Rad-In: N 86°42'37" W Rad-Out: N 79°32'50" W			
	Radius Pt: 3136 260473.339,1321700.529 Tangent: 17.84 Dir: Right			
	Tangent-In: S 03°17'23" W Tangent-Out: S 10°27'10" W			
	Non Tangential-In			
3134		260421.633	1321980.799	
	Closure Error Distance> 0.0066 Error Bearing> N 24°29'37" W			
	Closure Precision> 1 in 44670.1 Total Distance> 296.99			
	LOT AREA: 4946 SQ FT OR 0.1136 ACRES			

LOT 12 OF BLOCK 1, TYPE: LOT

PNT#	Bearing	Distance	Northing	Easting
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3131		260357.472	1321968.962	
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	N 88°03'53" W	93.00		
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3106		260360.613	1321876.015	
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	N 01°59'44" E	50.00		
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3105		260410.583	1321877.756	
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	S 88°03'53" E	100.44		
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3133		260407.191	1321978.135	
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	S 10°27'10" W	50.56		
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3131		260357.472	1321968.962	
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Closure Error Distance> 0.0047 Error Bearing> N 57°47'35" W

Closure Precision> 1 in 62144.2 Total Distance> 293.99

LOT AREA: 4836 SQ FT OR 0.1110 ACRES

LOT 13 OF BLOCK 1, TYPE: LOT

PNT#	Bearing	Distance	Northing	Easting
3130		260306.161	1321963.366	

N 88°01'42" W 110.08

3108		260309.948	1321853.353	
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N 21°39'41" E 54.61

3107		260360.698	1321873.509	
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S 88°03'53" E 95.51

3131		260357.472	1321968.962	
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Radius: 350.00 Length: 51.66 Chord: 51.62 Delta: 08°27'26"

Chord BRG: S 06°13'27" W Rad-In: S 79°32'50" E Rad-Out: S 88°00'16" E

Radius Pt: 3132 260293.973,1322313.154 Tangent: 25.88 Dir: Left

Tangent-In: S 10°27'10" W Tangent-Out: S 01°59'44" W

Non Tangential-In

3130		260306.161	1321963.366	
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Closure Error Distance> 0.0018 Error Bearing> N 81°02'52" W

Closure Precision> 1 in 171639.1 Total Distance> 311.85

LOT AREA: 5255 SQ FT OR 0.1206 ACRES

LOT TRACT A OF BLOCK 1, TYPE: LOT

PNT# Bearing Distance Northing Easting

3127 260861.407 1321834.124

S 38°41'08" E 26.84

3128 260840.459 1321850.897

Radius: 25.00 Length: 14.98 Chord: 14.76 Delta: 34°20'03"

Chord BRG: S 55°51'09" E Rad-In: N 51°18'52" E Rad-Out: N 16°58'49" E

Radius Pt: 3116 260856.085,1321870.412 Tangent: 7.72 Dir: Left

Tangent-In: S 38°41'08" E Tangent-Out: S 73°01'11" E

Tangential-In Non Tangential-Out

3124 260832.175 1321863.111

S 16°58'49" W 15.00

3117 260817.829 1321858.730

Radius: 40.00 Length: 23.97 Chord: 23.61 Delta: 34°20'03"

Chord BRG: N 55°51'09" W Rad-In: N 16°58'49" E Rad-Out: N 51°18'52" E

Radius Pt: 3116 260856.085,1321870.412 Tangent: 12.36 Dir: Right

Tangent-In: N 73°01'11" W Tangent-Out: N 38°41'08" W

Non Tangential-In Tangential-Out

3115 260831.083 1321839.189

N 38°41'08" W 26.87

3114 260852.058 1321822.393

S 51°18'52" W 5.00

3113 260848.932 1321818.491

N 77°53'05" W 43.96

3112 260858.160 1321775.505

N 35°34'36" W 95.98

3111 260936.222 1321719.666

S 88°03'53" E 116.99

3129 260932.271 1321836.593

S 01°59'44" W 70.91

3127 260861.407 1321834.124

Closure Error Distance> 0.0098 Error Bearing> N 39°37'14" W

Closure Precision> 1 in 45100.7 Total Distance> 440.50

LOT AREA: 7561 SQ FT OR 0.1736 ACRES

LOT TRACT B OF BLOCK 1, TYPE: LOT

PNT# Bearing Distance Northing Easting

3123 260806.771 1321997.320

N 88°03'53" W 128.50

3119 260811.111 1321868.892

Radius: 45.00 Length: 11.82 Chord: 11.78 Delta: 15°02'42"

Chord BRG: N 80°32'32" W Rad-In: N 01°56'07" E Rad-Out: N 16°58'49" E

Radius Pt: 3116 260856.085,1321870.412 Tangent: 5.94 Dir: Right

Tangent-In: N 88°03'53" W Tangent-Out: N 73°01'11" W

Tangential-In Non Tangential-Out

3118 260813.047 1321857.270

N 16°58'49" E 20.00

3124 260832.175 1321863.111

Radius: 25.00 Length: 6.56 Chord: 6.55 Delta: 15°02'42"

Chord BRG: S 80°32'32" E Rad-In: N 16°58'49" E Rad-Out: N 01°56'07" E

Radius Pt: 3116 260856.085,1321870.412 Tangent: 3.30 Dir: Left

Tangent-In: S 73°01'11" E Tangent-Out: S 88°03'53" E

Non Tangential-In Tangential-Out

3125 260831.099 1321869.568

S 88°03'53" E 128.52

3126 260826.759 1321998.016

S 01°59'44" W 20.00

3123 260806.771 1321997.320

Closure Error Distance> 0.0056 Error Bearing> N 79°15'27" W

Closure Precision> 1 in 56434.2 Total Distance> 315.40

LOT AREA: 2754 SQ FT OR 0.0632 ACRES



LOT TRACT C OF BLOCK 1, TYPE: LOT

PNT#	Bearing	Distance	Northing	Easting
3100		260560.299	1321888.671	
	S 88°03'53" E	2.00		
3101		260560.232	1321890.670	
	S 01°59'44" W	100.00		
3102		260460.293	1321887.188	
	N 88°03'53" W	3.00		
3103		260460.394	1321884.189	
	S 01°59'44" W	50.00		
3104		260410.424	1321882.448	
	N 88°03'53" W	4.69		
3105		260410.583	1321877.756	
	S 01°59'44" W	50.00		
3106		260360.613	1321876.015	
	N 88°03'53" W	2.51		
3107		260360.698	1321873.509	
	S 21°39'41" W	54.61		
3108		260309.948	1321853.353	
	N 88°01'42" W	257.84		
3109		260318.819	1321595.669	
	N 01°43'43" E	621.24		
3110		260939.779	1321614.410	
	S 88°03'53" E	105.32		
3111		260936.222	1321719.666	
	S 35°34'36" E	95.98		
3112		260858.160	1321775.505	
	S 77°53'05" E	43.96		
3113		260848.932	1321818.491	
	N 51°18'52" E	5.00		
3114		260852.058	1321822.393	
	S 38°41'08" E	26.87		
3115		260831.083	1321839.189	
	Radius: 40.00 Length: 23.97 Chord: 23.61 Delta: 34°20'03"			
	Chord BRG: S 55°51'09" E Rad-In: N 51°18'52" E Rad-Out: N 16°58'49" E			
	Radius Pt: 3116 260856.085,1321870.412 Tangent: 12.36 Dir: Left			
	Tangent-In: S 38°41'08" E Tangent-Out: S 73°01'11" E			
	Tangential-In Non Tangential-Out			
3117		260817.829	1321858.730	
	S 16°58'49" W	5.00		
3118		260813.047	1321857.270	
	Radius: 45.00 Length: 11.82 Chord: 11.78 Delta: 15°02'42"			
	Chord BRG: S 80°32'32" E Rad-In: N 16°58'49" E Rad-Out: N 01°56'07" E			
	Radius Pt: 3116 260856.085,1321870.412 Tangent: 5.94 Dir: Left			
	Tangent-In: S 73°01'11" E Tangent-Out: S 88°03'53" E			
	Non Tangential-In Tangential-Out			
3119		260811.111	1321868.892	

S 88°03'53" E 0.39  
3120 260811.097 1321869.281  
S 18°04'56" E 53.21  
3121 260760.511 1321885.798  
S 09°08'39" E 50.95  
3122 260710.209 1321893.895  
S 01°59'44" W 150.00  
3100 260560.299 1321888.671  
Closure Error Distance> 0.0077 Error Bearing> N 84°50'05" E  
Closure Precision> 1 in 222742.4 Total Distance> 1718.35  
LOT AREA: 160956 SQ FT OR 3.6950 ACRES

BLOCK 1 TOTAL AREA: 238422 SQ FT OR 5.4734 ACRES