

THE STEPPES AT ARK VALLEY

an Addition to Wichita, Sedgwick County, Kansas

Mapcheck 1: The Steppes at Ark Valley

Closure Summary

Precision, 1 part in: 425495.112'
 Error distance: 0.010'
 Error direction: S37° 52' 57"W
 Area: 1029108.08 Sq. Ft.
 Square area: 1029108.077
 Perimeter: 4283.520'

Point of Beginning

Easting: 1684923.5051'
 Northing: 1678535.4534'

Side 1: Line

Direction: N88° 39' 08"E
 Angle: [-91.3478 (d)]
 Deflection angle: [88.6522 (d)]
 Distance: 606.510'
 Easting: 1685529.8473'
 Northing: 1678549.7191'

Side 2: Line

Direction: N1° 02' 40"W
 Angle: [90.3033 (d)]
 Deflection angle: [-89.6967 (d)]
 Distance: 105.000'
 Easting: 1685527.9334'
 Northing: 1678654.7017'

Side 3: Line

Direction: N29° 37' 20"E
 Angle: [-149.3333 (d)]
 Deflection angle: [30.6667 (d)]
 Distance: 41.000'
 Easting: 1685548.1988'
 Northing: 1678690.3431'

Side 4: Line

Direction: N1° 22' 40"W
 Angle: [149.0000 (d)]
 Deflection angle: [-31.0000 (d)]
 Distance: 30.000'
 Easting: 1685547.4775'
 Northing: 1678720.3344'

Side 5: Line

Direction: N29° 57' 20"E
 Angle: [-148.6667 (d)]
 Deflection angle: [31.3333 (d)]
 Distance: 123.000'
 Easting: 1685608.8948'
 Northing: 1678826.9032'

Side 6: Line

Direction: N38° 57' 20"E
 Angle: [-171.0000 (d)]
 Deflection angle: [9.0000 (d)]
 Distance: 79.000'
 Easting: 1685658.5635'
 Northing: 1678888.3363'

Side 7: Line

Direction: N58° 57' 20"E
 Angle: [-160.0000 (d)]
 Deflection angle: [20.0000 (d)]
 Distance: 42.900'
 Easting: 1685695.3188'
 Northing: 1678910.4599'

Side 8: Line

Direction: N1° 02' 26"W
 Angle: [120.0039 (d)]
 Deflection angle: [-59.9961 (d)]
 Distance: 251.940'
 Easting: 1685690.7436'
 Northing: 1679162.3584'

Side 9: Line

Direction: N31° 03' 41"E
 Angle: [-147.8981 (d)]
 Deflection angle: [32.1019 (d)]
 Distance: 103.240'
 Easting: 1685744.0109'
 Northing: 1679250.7953'

Side 10: Line

Direction: N28° 49' 28"E
 Angle: [177.7631 (d)]
 Deflection angle: [-2.2369 (d)]
 Distance: 70.610'
 Easting: 1685778.0539'
 Northing: 1679312.6568'

Side 11: Line

Direction: N47° 01' 29"E
 Angle: [-161.7997 (d)]
 Deflection angle: [18.2003 (d)]
 Distance: 46.100'
 Easting: 1685811.7829'
 Northing: 1679344.0824'

Side 12: Line

Direction: N22° 11' 21"W
 Angle: [110.7861 (d)]
 Deflection angle: [-69.2139 (d)]
 Distance: 11.720'
 Easting: 1685807.3566'
 Northing: 1679354.9344'

Side 13: Line

Direction: N11° 27' 47"E
 Angle: [-146.3478 (d)]
 Deflection angle: [33.6522 (d)]
 Distance: 165.810'
 Easting: 1685840.3090'
 Northing: 1679517.4370'

Side 14: Line

Direction: N39° 15' 58"W
 Angle: [129.2708 (d)]
 Deflection angle: [-50.7292 (d)]
 Distance: 44.360'
 Easting: 1685812.2326'
 Northing: 1679551.7812'

Side 15: Line

Direction: N87° 37' 39"W
 Angle: [131.6386 (d)]
 Deflection angle: [-48.3614 (d)]
 Distance: 128.770'
 Easting: 1685683.5730'
 Northing: 1679557.1118'

Side 16: Line

Direction: N1° 02' 26"W
 Angle: [-93.4131 (d)]
 Deflection angle: [86.5869 (d)]
 Distance: 325.410'
 Easting: 1685677.6635'
 Northing: 1679882.4681'

Side 17: Line

Direction: S88° 42' 16"W
 Angle: [89.7450 (d)]
 Deflection angle: [-90.2550 (d)]
 Distance: 778.510'
 Easting: 1684899.3525'
 Northing: 1679864.8662'

Side 18: Line

Direction: S1° 02' 26"E
 Angle: [90.2550 (d)]
 Deflection angle: [-89.7450 (d)]
 Distance: 1329.640'
 Easting: 1684923.4989'
 Northing: 1678535.4454'