

DUGAN CLOSURE

Mapcheck 1: DUGAN CLOSURE

Point of Beginning
 PT 01 Easting: 5000.0000'
 Northing: 10000.0000'

Side 1: Line
 Direction: N89° 22' 46.00"E
 Angle: [-090.6206 (d)]
 Deflection angle: [089.3794 (d)]
 Distance: 1305.730'

PT 02 Easting: 6305.6534'
 Northing: 10014.1417'

Side 2: Line
 Direction: S00° 26' 54.00"W
 Angle: [-088.9311 (d)]
 Deflection angle: [091.0689 (d)]
 Distance: 230.040'

PT 03 Easting: 6303.8534'
 Northing: 9784.1088'

Side 3: Line
 Direction: S00° 26' 54.00"W
 Angle: [180.0000 (d)]
 Deflection angle: [000.0000 (d)]
 Distance: 1625.370'

PT 04 Easting: 6291.1352'
 Northing: 8158.7885'

Side 4: Line
 Direction: S76° 52' 16.00"W
 Angle: [-103.5772 (d)]
 Deflection angle: [076.4228 (d)]
 Distance: 264.720'

PT 05 Easting: 6033.3345'
 Northing: 8098.6594'

Side 5: Curve
 Curve direction: Clockwise
 Radius: [2789.922']
 Arc length: 887.850'
 Delta angle: 018.2333 (d)
 Tangent: [447.706']
 Chord direction: S85° 59' 16.00"W
 Chord angle: [-170.8833 (d)]
 Deflection angle: [009.1167 (d)]
 Chord distance: 884.100'

PT 06 Easting: 5151.4013'
 Northing: 8036.7996'

Side 6: Line
 Direction: N84° 53' 44.00"W
 Angle: [180.0000 (d)]
 Deflection angle: [000.0000 (d)]
 Distance: 168.500'

PT 07 Easting: 4983.5696'
 Northing: 8051.7913'

Side 7: Line
 Direction: N00° 28' 59.00"E
 Angle: [-094.6214 (d)]
 Deflection angle: [085.3786 (d)]
 Distance: 1718.240'

PT 08 Easting: 4998.0557'
 Northing: 9769.9702'

Side 8: Line
 Direction: N00° 28' 59.00"E
 Angle: [180.0000 (d)]
 Deflection angle: [000.0000 (d)]

DUGAN CLOSURE

Distance: 230.040'
PT 01 Easting: 4999.9952'
Northing: 10000.0021'

Closure Summary

Precision, 1 part in: 1224761.388'
Error distance: 0.005'
Error direction: N66° 59' 26.74"W
Area: 2542072.38 Sq. Ft.
Square area: 2542072.381
Perimeter: 6430.490'