



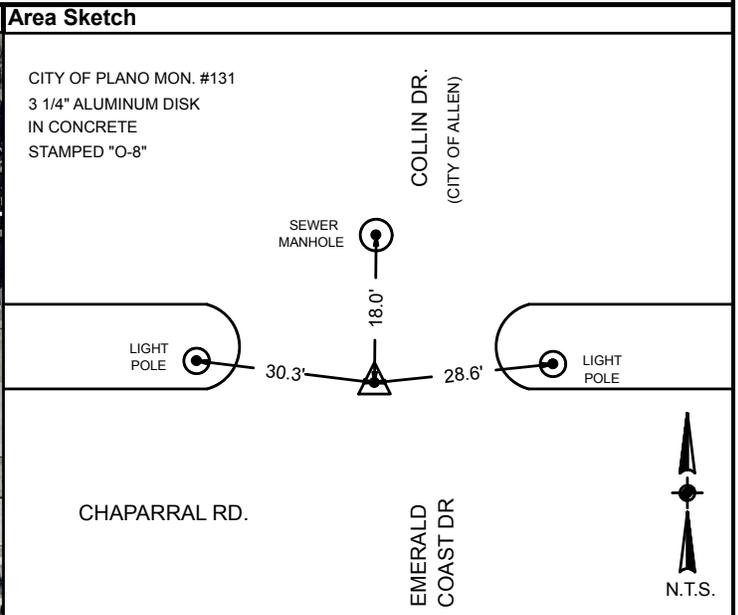
City of Plano Geodetic Control Station

City of Plano Project No.:		5843	Station Name:		O8
Gorronдона & Associates Project No.:		0901-3510	GPS Point No.:		131
County:	Collin	State:	Texas		
Unit of Measure:	US Survey Foot				
2009 H&V Survey Method:	GPS Observations				
Horizontal Survey Quality:	Second Order, Class 1				
Vertical Survey Quality:	See Notes 1 and 2 below				
Mark Logo:	3 1/4" Domed Alum. Disk				
Stamping:	City of Plano Survey Marker,		O-8		
NAD83 NSRS 2007		Latitude:	33°04'22.84246"N	Longitude:	96°40'37.39068"W
NAD83 NSRS 2007		Ellipsoid Height:	522.65	Epoch Date:	2002
		Geoid Height:	-84.93	Geoid Model:	GEOID03

City Wide Surface Adjustment Factor	1.00015421
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Texas North Central Zone (4202) State Plane Coordinate Listing				
Horizontal Datum	Horizontal Adjustment	Coordinate Type	Northing	Easting
NAD83	NSRS 2007	Surface	7,079,246.31	2,527,253.37
NAD83	NSRS 2007	Grid	7,078,154.79	2,526,863.70
NAD83	HARN 1993	Grid	7,078,154.81	2,526,863.72
NAD27	1986	Grid	512,572.39	2,252,167.25
Elevation	NAVD 1988	607.59	NGVD 1929	607.62

To Reach Description:
 Located on the north side of Chaparral Rd. and near the centerline of Collin Dr. in the City Of Allen.



Station Ties:		
Object	Distance (Feet)	Direction
Sanitary Manhole	18.0'	South
Light Pole	30.3'	East
Light Pole	28.6'	West

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 Texas Registration Number 1965

Notes:

- This survey was constrained in the horizontal and vertical component to the published NAD83 HARN positions and NAVD88 Elevations for 19 City of Plano monuments, four NGS stations (horizontally and/or vertically) and four CORS stations.
- Elevations of City of Plano control stations are based solely on GPS Observations. Vertical Accuracy will be based on the quality of the GEOID03 Model and the vertical stability of the monuments constrained in the vertical component.
- The NAD83 NSRS2007 Surface Northing and Easting is based on multiplying the Grid Coordinate Values by the City Wide Surface Adjustment Factor of 1.00015421.

Disclaimer: This data has been supplied by the City of Plano. No expressed or implied warranties are made by the City of Plano for the accuracy, completeness, reliability, usability, or suitability of the point data. The City of Plano assumes no responsibility for incorrect results or damages resulting from the use of data.