



City of Plano Geodetic Control Station

City of Plano Project No.:		5843		Station Name:		Q6	
Gorronдона & Associates Project No.:		0901-3510		GPS Point No.:		133	
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, Q-6						
NAD83 NSRS 2007		Latitude:	33°02'53.77165"N	Longitude:	96°39'27.72605"W		
NAD83 NSRS 2007		Ellipsoid Height:	509.42	Epoch Date:	2002		
		Geoid Height:	-84.85	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	7,070,348.22	2,533,338.80
NAD83	NSRS 2007	Grid	7,069,258.07	2,532,948.19
NAD83	HARN 1993	Grid	7,069,258.09	2,532,948.21
NAD27	1986	Grid	503,618.29	2,258,166.79
Elevation	NAVD 1988	594.27	NGVD 1929	594.30

To Reach Description:

Located near the west corner of Morton Vale Rd. and E. Parker Rd.

Aerial Photo	Area Sketch
	<p>CITY OF PLANO MON. #133 3 1/4" ALUMINUM DISK IN CONCRETE STAMPED "Q-6"</p> <p style="text-align: right;">N.T.S.</p>

Station Ties:			Prepared By:
Object	Distance (Feet)	Direction	
Street Sign	38.9'	Southwest	Gorronдона & Associates, Inc. 6707 Brentwood Stair Road, Suite 50 Fort Worth, Texas 76112 By: Michael D. McGuinness, RPLS, CHS Texas Registration Number 1965
Power Pole	13.8'	Southeast	
Back of Curb at E. Parker Rd.	26.1'	West	

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.

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