



City of Plano Geodetic Control Station

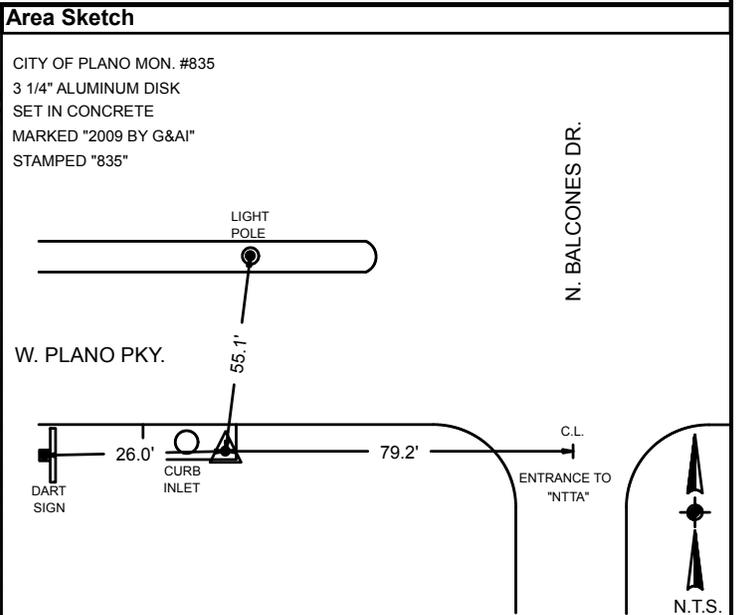
City of Plano Project No.:		5843		Station Name:		835	
Gorronдона & Associates Project No.:		0901-3510		GPS Point No.:		835	
County:	Collin	State:	Texas				
Unit of Measure:	US Survey Foot						
2009 H&V Survey Method:	GPS Observations						
Horizontal Survey Quality:	Second Order, Class 1						
Vertical Survey Quality:	See Notes 1 and 2 below						
Mark Logo:	3 1/4" Domed Alum. Disk						
Stamping:	City of Plano Survey Marker, 835 2009 BY G&AI						
Established By:		G&AI					
Date Established:		2009					
ReSurvey By:		G&AI					
ReSurvey Date:		2009					
Condition:		Good					
NAD83 NSRS 2007	Latitude:	33°00'59.65583"N	Longitude:	96°49'21.74843"W			
NAD83 NSRS 2007	Ellipsoid Height:	545.48	Epoch Date:	2002			
	Geoid Height:	-86.63	Geoid Model:	GEOID03			

City Wide Surface Adjustment Factor	1.00015421
--	------------

Texas North Central Zone (4202) State Plane Coordinate Listing

Horizontal Datum	Horizontal Adjustment	Coordinate Type	Northing	Easting
NAD83	NSRS 2007	Surface	7,057,968.41	2,482,964.62
NAD83	NSRS 2007	Grid	7,056,880.17	2,482,581.78
NAD83	HARN 1993	Grid	7,056,880.19	2,482,581.80
NAD27	1986	Grid	491,719.96	2,207,685.79
Elevation	NAVD 1988	632.12	NGVD 1929	632.13

To Reach Description:
 Located at the Southwest corner of Plano Pky. and Balcones Dr. in a curb inlet.



Object	Distance (Feet)	Direction
DART Sign	26.0'	East
Light Pole	55.1'	South
Centerline of driveway to N.T.T.A.	79.2'	West

Prepared By:
 Gorronдона & Associates, Inc.
 6707 Brentwood Stair Road, Suite 50
 Fort Worth, Texas 76112
 By: Michael D. McGuinness, RPLS, CHS
 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.