

CITY OF BURLESON

HORIZONTAL CONTROL MONUMENT

MONUMENT NAME MON 26	DATE ESTABLISHED 1999	STATE: TEXAS	COUNTY JOHNSON
NAD - 83 GEODETIC POSITION			
LATITUDE	N 032° 31' 04.32614"	CONVERGENCE =	0° 37' 35.83"
LONGITUDE	W 097° 21' 03.85301"	SCALE FACTOR =	0.9999157
NAD-83 TEXAS STATE PLANE COORDINATES NORTH CENTRAL ZONE (US SURVEY FEET)		NAD-83 TEXAS STATE PLANE COORDINATES NORTH CENTRAL ZONE (METERS)	
Y COORDINATE	6873282.28	Y COORDINATE	2094980.630
X COORDINATE	2322633.44	X COORDINATE	707940.088

G.P.S ELEVATION : 751.70 ft. 229.120 m. (NGVD 1929 MEAN SEA LEVEL DATUM)

AZIMUTH MARK MON 16	GEODETIC AZIMUTH (FROM NORTH) N 42° 02' 57"	GRID AZIMUTH (FROM NORTH) N 41° 25' 21"
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AZIMUTH MARK MON 18	GEODETIC AZIMUTH (FROM NORTH) N 213° 15' 09"	GRID AZIMUTH (FROM NORTH) N 212° 37' 33"
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REFERENCE MARK DESCRIPTION	DISTANCE (ft)	DIRECTION
MON 16	1938.35'	000°00'00"
MON 18	3410.11'	171°12'12"
RM 1: CHISELED "X" ON CENTERLINE TOP OF 18" RCP CULVERT PIPE.	18.30'	36°43'20"
RM 2: WOOD FENCE CORNER.	60.00'	223°32'10"
RM 3: MAG NAIL/SHINER IN POWERPOLE.	7.50'	339°58'18"

DETAILED DESCRIPTION

ALUMINUM CAP SET IN CONCRETE, STAMPED "BURLESON MON 26, 1999". THE MONUMENT IS LOCATED ON THE WEST SIDE OF STATE HIGHWAY 174 APPROXIMATELY 0.2 MILE SOUTH OF FM 731 AND 0.35 MILE NORTH OF SHAFFSTALL ROAD. THE STATION IS 27 FT. WEST OF THE WEST EDGE OF SH 174, 4 FT. EAST OF THE EAST EDGE OF A CONCRETE PAD ON THE WEST ROW AND 39 FT. SOUTH OF THE CENTERLINE OF A ROAD TO MIRACLE AUTO PAINTING.

FIELD SKETCH

