

CITY OF BURLESON

HORIZONTAL CONTROL MONUMENT

MONUMENT NAME MON 16	DATE ESTABLISHED 1999	STATE: TEXAS	COUNTY JOHNSON
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NAD - 83 GEODETIC POSITION LATITUDE N 032° 31' 18.56915" LONGITUDE W 097° 20' 48.68956"	CONVERGENCE = 0° 37' 44.10" SCALE FACTOR = 0.9999151
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NAD-83 TEXAS STATE PLANE COORDINATES NORTH CENTRAL ZONE (US SURVEY FEET) Y COORDINATE 6874735.76 X COORDINATE 2323915.87	NAD-83 TEXAS STATE PLANE COORDINATES NORTH CENTRAL ZONE (METERS) Y COORDINATE 2095423.650 X COORDINATE 708330.974
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G.P.S ELEVATION : 740.18 ft. 225.608 m. (NGVD 1929 MEAN SEA LEVEL DATUM)

AZIMUTH MARK MON 26	GEODETIC AZIMUTH (FROM NORTH) N 222° 03' 06"	GRID AZIMUTH (FROM NORTH) N 221° 25' 21"
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REFERENCE MARK DESCRIPTION	DISTANCE (ft)	DIRECTION
MON 26	1938.35'	000°00'00"
RM 1: MAG NAIL/SHINER IN TOP OF GUARDRAIL POST.	28.40'	131°17'42"
RM 2: CENTERLINE TOP OF FIRE HYDRANT.	93.00'	175°38'35"
RM 3: MAG NAIL/SHINER IN TELEPHONE BOX GUARD POST.	45.40'	351°03'58"

DETAILED DESCRIPTION

ALUMINUM CAP SET IN CONCRETE, STAMPED "BURLESON MON 16,1999". THE MONUMENT IS LOCATED ON THE EAST SIDE OF STATE HIGHWAY 174 APPROXIMATELY 0.1 MILE NORTH OF FM 731 AND SOUTH OF SHANNON CREEK. THE STATION IS 40.5 FT. EAST OF THE CENTER-LINE OF SH 174, 20 FT. NORTH OF A CALICHE ROAD AND 7.4 FT. SOUTHWEST OF AN OLD BRACE POST WITH NO WIRE.

FIELD SKETCH

