

GPS - 37

All values are referenced to the North American Datum NAD 83 (1995)

Latitude:	35° 34 ft 56.79049 inches	TN Northing:	138870.791 m
Longitude:	85° 13 ft 4.09281 inches	TN Easting:	670891.887 m
Elevation:	251.899 m (826.44 ft)		
Convergence:	+0° 27 ft 28.5 inches	Scale Factor:	0.99995799
Monument Set by:	NGS	Date:	1987
County:	Bledsoe	Nearest Town:	Pikeville
USGS QUAD:	Pikeville	TVA Designation:	110-SW

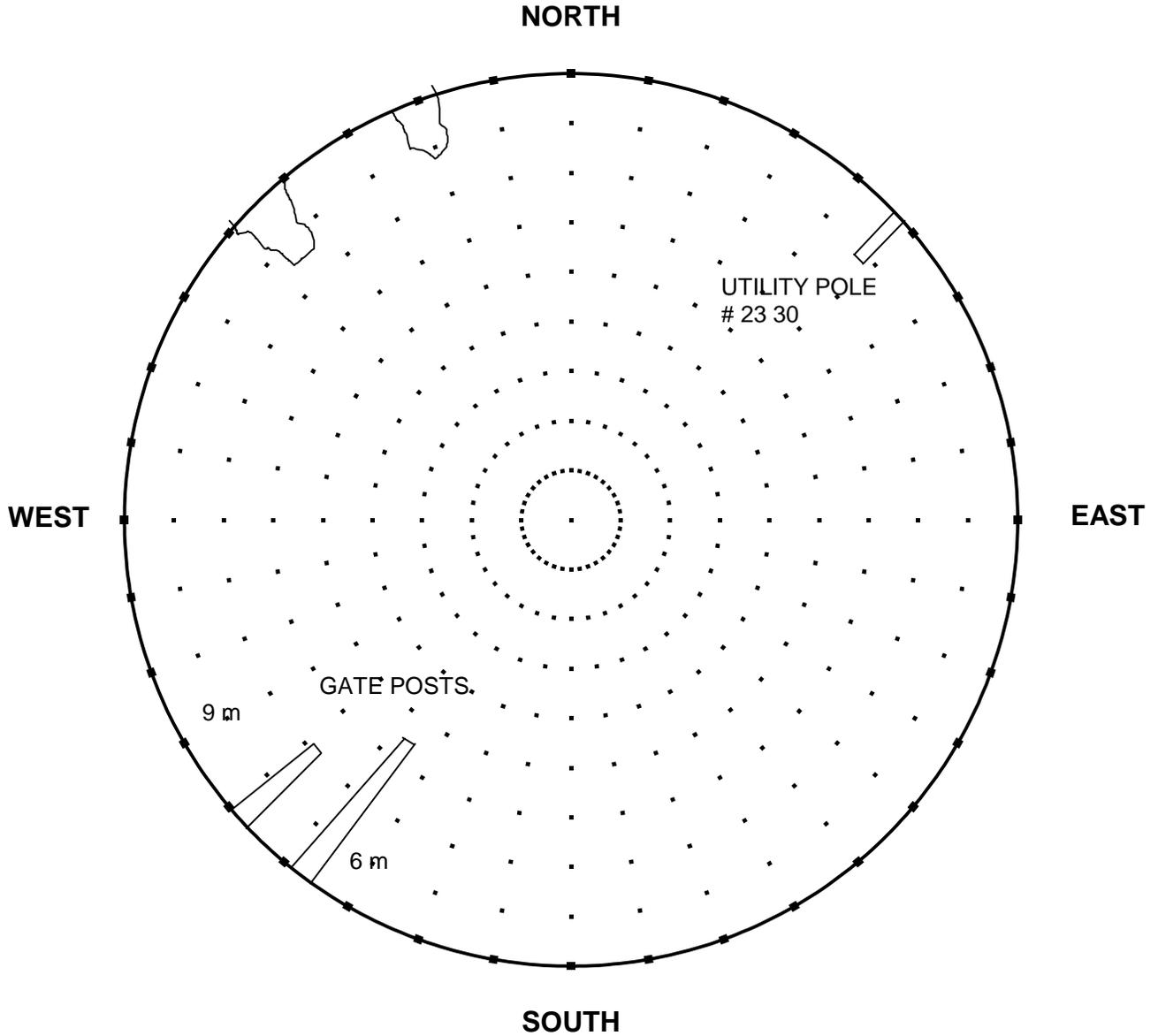
Description:

The station is located about 3.2 km (2 mi.) southwest of Pikeville, in a bedrock outcrop at the east edge of U.S. Highway 127. Ownership--State Right-of-Way.

To reach the station from the junction of State Route 30 and U.S. Highway 127 at the south edge of Pikeville go south for 2.7 km (1.7 mi.) on U.S. Highway 127 to the Bledsoe County High School entrance drive on the right. Continue straight ahead and go south for 0.24 km (0.15 mi.) on U.S. Highway 127 to the station on the left.

The station is a standard NGS disk stamped---GPS 37 1987---, set into a drillhole in bedrock outcrop measuring 1.2 m (4 ft.) by 0.4 m (1.3 ft.) projecting 0.09 m (0.3 ft.) above ground. Located 36.6 m (120 ft.) west-southwest from a utility pole numbered 23 30 with one transformer, 15.09 m (49.5 ft.) southeast from the center of U.S. Highway 127 and 0.3 m (1 ft.) above same, 6.7 m (22 ft.) northeast from the center of a gravel drive leading to a house, 0.6 m (2.1 ft.) northwest from a fiberglass witness post set at a white board right-of-way fence.

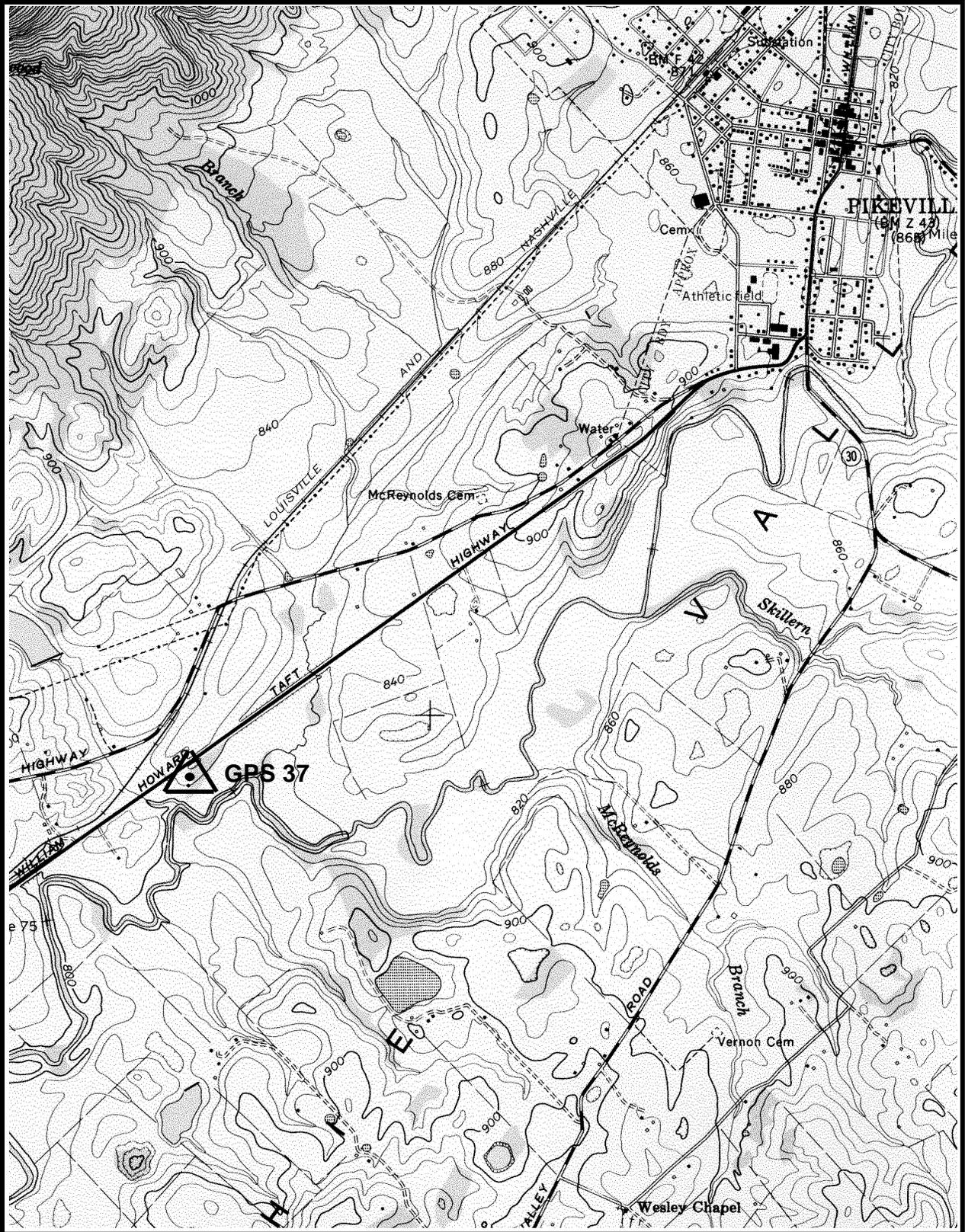
STATION VISIBILITY DIAGRAM



ELEVATION	<u>251.899 m (826.44 ft)</u>	DATE	<u>July 1997</u>
LATITUDE	<u>35° 34 ft 57 inches</u>	ORGANIZATION	<u>TDOT</u>
LONGITUDE	<u>85° 13 ft 4 inches</u>	MAP SCALE	<u>7 1/2 ft USGS</u>
STATION NAME	<u>GPS 37</u>	MAP SHEET	<u>110-SW, Pikeville</u>
		OBSERVER	<u>CLJ</u>
		Observer's height	<u>6 ft</u>

NOTES:

TENNESSEE GEODETIC REFERENCE NETWORK



GPS 37

110-SW, PIKEVILLE