

GPS - 41

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

Latitude:	35° 36 ft 50.00367 inches	TN Northing:	142615.670 m
Longitude:	87° 4 ft 45.27711 inches	TN Easting:	502225.601 m

Elevation: **196.620 m (645.08 ft)**

Convergence:	-0° 37 ft 54.6 inches	Scale Factor:	0.99995574
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Monument Set by:	NGS	Date:	1987
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County:	Maury	Nearest Town:	Columbia
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USGS QUAD:	Columbia	TVA Designation:	57-SE
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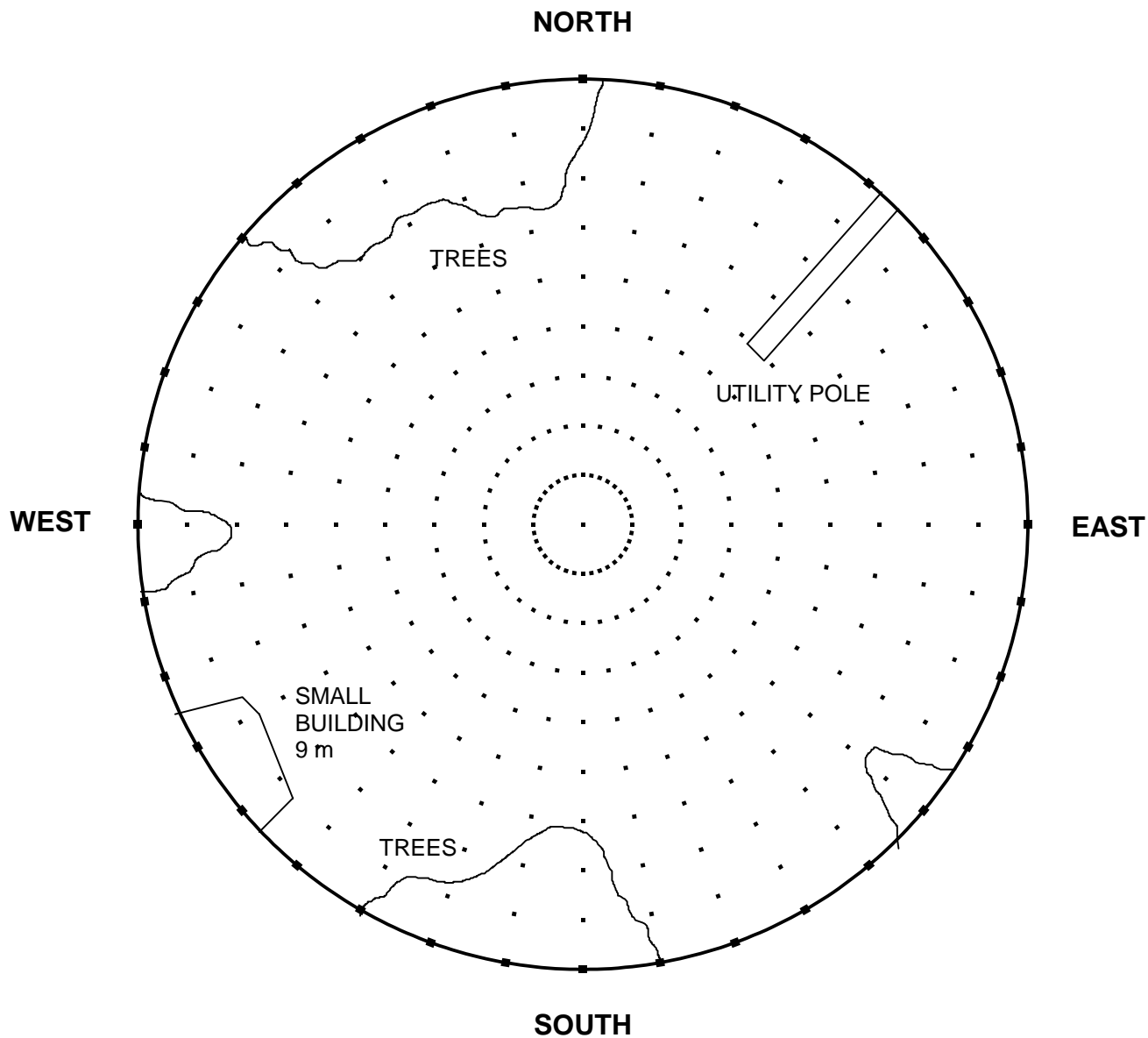
Description:

The station is located at the west edge of Columbia, at Central High School in the lawn at the southeast corner of the school property. Ownership--City of Columbia School District.

To reach the station from the junction of State Route 50 Bypass and U.S. Highway 243 near the county hospital at the southwest edge of Columbia go north for 0.8 km (0.5 mi.) on State Route 50 to the junction of New Experiment Road (Lion Parkway). Turn left and go northwest for 1.13 km (0.7 mi.) on New Experiment Road (Lion Parkway) to the station on the left.

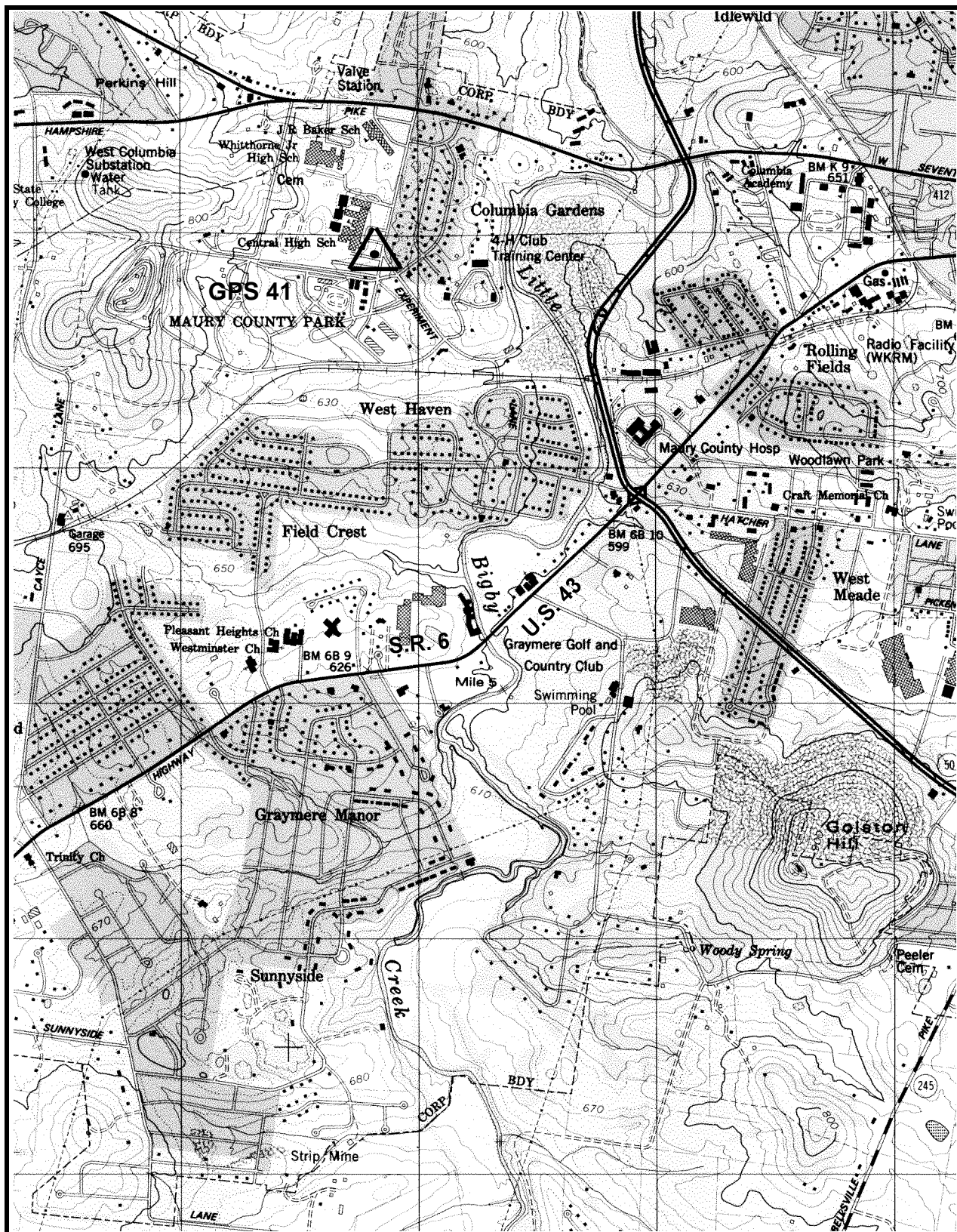
The station is 3-D mark with stainless steel rod driven 11.9 m (39 ft.). The logo cap is stamped--GPS 41 1987---, and a steel spike is embedded in the concrete. Located 30.8 m (101 ft.) west from the center of the road and level with the same, 8.9 m (29.1 ft.) east-northeast from the northeast corner of a small wooden building with brick foundation, 52.1 m (171 ft.) east-southeast from the southeast corner of a one story section of the school, 19.8 m (65 ft.) northeast from the northeast corner of a parking lot, 9.8 m (32 ft.) southwest from a utility pole with a street light, 12.0 m (39.5 ft.) west from the center of a 0.8 m (2.5 ft.) storm drain grate. The station has no witness post.

STATION VISIBILITY DIAGRAM



ELEVATION	<u>196.620 m (645.08 ft)</u>	DATE	<u>July 1997</u>
LATITUDE	<u>35° 36 ft 50 inches</u>	ORGANIZATION	<u>TDOT</u>
LONGITUDE	<u>87° 4 ft 45 inches</u>	MAP SCALE	<u>7 1/2 ft USGS</u>
STATION NAME	<u>GPS 41</u>	MAP SHEET	<u>57-SE, Columbia</u>
		OBSERVER	<u>CLJ</u>
		Observer's height	<u>6 ft</u>

NOTES:



GPS 41

57-SE, COLUMBIA