

## **Rule 180-7-.05 Monuments**

- (1) In order to prevent boundary conflicts, the public must have assurances that the corners of real property boundaries as determined from an accurate survey are durably marked with survey monuments that may be identified on the ground with the aid of the survey plat. In meeting this objective, surveyors must meet the following minimum standards of accuracy, completeness and quality.
- (2) The land surveyor shall set monuments as defined herein, unless monuments already exist or cannot be set due to physical obstructions. Said monuments shall be set at all boundary corners. Those monuments that cannot be set due to physical obstructions shall have a reference monument set. Said reference monument shall be referenced on the plat by bearing and distance from the true position of said monument. Also, said reference monument shall be set far enough away from the true corner so as not to be confused with the position of the true corner.
- (3) All monuments set shall be composed of a durable material and shall incorporate a ferrous material to aid in location by magnetic locators. Said monuments shall have a minimum length of 18 inches. Longer monuments are required in soils less likely to hold and maintain the true position of the monument. Said monuments composed of solid metal rods shall have a minimum cross sectional area of 0.2 square inches. Concrete, composite or stone monuments shall have a minimum dimension of 3 inches by 3 inches. Monuments placed at land lot corners, district corners or county corners shall if a rod have a minimum diameter of 5/8 inches, a pipe of 1 inch diameter or a concrete or stone monument of not less than 4 inches square.
- (4) Every boundary monument set shall be identified with a durable marker or cap bearing the Georgia registration number of the land surveyor in responsible charge or the name of the business entity and/or Certification of Authorization number (COA #).
- (5) If a boundary corner falls in a hard surface such as concrete or asphalt; alternate monumentation may be used that is durable and identifiable.
- (6) For irregular boundaries such as non-engineered roads, rivers, streams, lakes, beach, etc. a dimensioned meander or survey line may be used. If a meander or survey line is used, monuments shall be set at the meander or survey line's terminus points on real property boundary lines.
- (7) All monuments found or placed shall be described on the survey plat. The corner descriptions shall state the size, material and cap identification of the monument as well as whether the monument was set or found.