

SECTION 01107

CONSTRUCTION STAKEOUT

1.0 GENERAL

A. Description

- A. The Owner or the Commission will or has established baselines, bench marks, coordinates or other necessary controls for the Contractor's use. The Contractor shall hire professional surveyor licensed to practice in State of Maryland to perform stakeout from the furnished control points (traverse, property lines, corners, bench marks, coordinates). The Contractor shall furnish qualifications to the owner and the Commission before commencing the work.
- B. The Contractor shall preserve and maintain in proper position: survey points, bench marks, and baselines provided. The professional surveyor shall reset points disturbed; The Owner or the Commission may arrange for resetting points and deduct cost from monies due Contractor.
- C. The Contractor shall notify the Owner and the Commission of any construction stake out deviations from Drawings. Discrepancies will be resolved under the direction of the Owner and the Commission before proceeding with work.

2.0 MATERIALS

- A. Materials Furnished by the Commission.

3.0 EXECUTION

A. For construction:

1. Stake out test pits and furnish the Owner and the Commission with actual utility locations and elevations or as otherwise directed by the Owner and the Commission.
2. Stake out centerlines and offset lines with spacing of stations a maximum of 50 feet (stakes, nails, crosses).
3. Stakeout intermediate points (P.C., P.T., structures, fittings, ends of lines and topographic changes) and as deemed necessary by the Owner and the Commission.
4. Submit grade sheets showing for each station the marked point elevation, invert elevation required and corresponding cut for both centerline and appropriate offset.
 - a. Each set of notes shall check within plus or minus 0.04 feet.
5. Flag stakes for protection of all stakes installed to aid in their preservation and maintenance.
6. Perform other Engineering and stake out necessary for setting of batterboards, forms, string lines and finished grade control, slope stakes and other controls which may be required for proper construction of work.

4.0 MEASUREMENT AND PAYMENT

Construction stakeout will not be measured but will be incidental to the installations. Including furnishing, placing and maintaining construction layout stakes, flagging of clearing limits and wetlands, and for all material, labor, equipment, tools, and incidentals necessary to complete the work.

**** END OF SECTION 01107 ****