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## **St. Mary's County Metropolitan Commission**

43990 Commerce Avenue, Hollywood, Maryland 20636

*Serving St. Mary's County*

Potable Water Distribution - Wastewater Collection / Treatment

Phone: 301-373-4733  
FAX: 301-373-4822

### **AS-BUILT REQUIREMENTS**

As-Built Drawings shall include all sheets approved by the Commission in the Construction Plan set (whether locations were revised or not). Two submissions are required. The first submission (2 sets of plans) shall be in paper form only. Once approved, the final submission shall include one paper set, one Mylar set, and one CD. The CD shall contain the drawings in AutoCAD dwg format, with northing and easting data embedded, and be clearly labeled. Drawings shall be registered to NAD 83, Maryland State Plane Feet and shall be stated as such on the drawings.

AS-BUILT in bold letters shall be shown above the Title block on the lower right-hand corner of the plan along with the date that the as-built modifications were completed.

Each sheet of as-built drawings shall be signed and sealed by a Maryland Licensed Professional Land Surveyor or Maryland Licensed Property Line Surveyor. The cover sheet shall be signed and sealed and contain the following statement: "I hereby certify that the as-built location information of the water and sewer facilities are true and correct to the best of my knowledge and belief as surveyed under my direction." The cover sheet shall include the Surveyor's name and number, business name, address and telephone number.

### **AS-BUILT CONTENTS**

The amount of information required on as-builts will entail the drawing author to organize its presentation for plan readability. It may be necessary to put water and sewer information on separate sheets and/or provide tables to show coordinate information where congested conditions affect the neatness and legibility of the plans.

#### **Plan View**

1. Show the location of easements used by the water and sewer facilities (both new and existing).
2. Show originally proposed locations of all manholes, fire hydrants, valves, etc, lightened and all new actual locations bolded.
3. Show all storm drain, mains, structures and appurtenances and show all other utilities which come within ten (10) feet of the water and/or sanitary sewer.
4. Provide a minimum of three grid ticks with northing and easting indicated.
5. Northing and easting data (in NAD 83 Maryland State Plane Feet) shall be acquired and submitted for Commission maintained facilities, including:

- a. The center of each manhole, fitting, valve, blow off, hydrant, water meter, sewer cleanout, lift station wet well, double detector check or other non-pipe water or sewer facility.
- b. Locations of grinder pumps and service valves.
- c. Any other locations designated by the Commission.

### **Profile View**

1. Indicate the length of gravity sewer piping and actual slope between manholes.
2. Show elevations to the nearest tenth of a foot for:
  - a. Top of valve box
  - b. Top of operating nut for all valves.
3. Show elevations to the nearest one hundredth of a foot for:
  - a. Manhole rims
  - b. Inverts of every gravity sewer pipe and force main connections to manholes.

### **Pump Stations**

An accurate as-built shall be submitted which reflects all interior and yard piping vaults, inverts, valves, pits/crocks, manholes/wet wells, electrical information, building information, grading/paving information, easements, fencing and any other information requested by the Commission.