

**APPENDIX  
FOR  
MONROE TOWNSHIP MUNICIPAL UTILITIES AUTHORITY  
RULES AND REGULATIONS FOR  
PROPOSED WATER SYSTEMS**

<b>Appendix A</b>	<b>Construction Details for Water Distribution Systems</b>	<b>WA-1/WA-2</b>
<b>Appendix B</b>	<b>Mueller/Hunt 15” Diameter Coil Single Meter Pit</b>	<b>WA-3/WA-4</b>
<b>Appendix C</b>	<b>MTMUA As-Built Request</b>	<b>WA-5</b>



**Appendix A Construction Details for Water Distribution Systems.**

Oversized plats of construction details can be found on file in the office of the Monroe Township Municipal Utilities Authority.



## **Appendix B Mueller/Hunt 15" Diameter Coil Single Meter Pit**

Used for both water and irrigation meters.



## Appendix C MTMUA As-Built Request

### AS BUILT REQUIREMENTS

#### GENERAL

1. Easements of water and sewer shall be shown – with offsets to mains on plans.
2. Deeds and descriptions will be required before water & sewer mains are activated.
3. Show lot and block as well as street addresses.
4. For clarity, existing and proposed contours should be removed from overall and plan/profile sheet.
5. An overall water and sewer utility plan should be provided, indicating all pipes, sizes, manhole numbers, direction of flow and fire hydrant numbers.
6. Text height – minimum 0.1".
7. Vertical datum should be indicated on each sheet. Note: all as-built(s) shall be recorded in (NGVD 1929).
8. Signed and sealed by licensed Professional Land Surveyor.
9. Final as-builts shall be submitted for review upon completion of last foundation and prior to application for last building certificate of occupancy.

#### WATER & IRRIGATION

##### Data including:

1. Depth at curb box in plan view.
2. Length of service from curb box to main in plan view.
3. Location by triangulation of corporation stop, gang meter pit, curb box and any valve not in pavement (all in plan view sheet and plan/profile sheet).
4. Show electric, telephone, gas, cable, storm sewer, concrete encasements in plan view and plans, and in profile view.
5. Stationing of service corporations shall be based on water main centerline stationing and will always begin at 0+0 from the nearest street intersection valve.
6. Depth of water main (measurement to top of valve nut and changes in vertical alignment)
7. Clearances between other utilities at their crossings (electric, telephone, sewer mains, storm sewer concrete encasements, etc.)
8. Offsets to water mains required when curbing or edge of pavement is present (typically 5').
9. Details at special connections, valves and fittings will be required to be placed on the drawings.

## **SEWER**

1. Depth of cleanout at curb.
2. Length of lateral from cleanout to main in plan view. (plan sheet and plan/profile sheet)
3. Location by triangulation of cleanout and tee wye and any manhole not in pavement.
4. Stationing of laterals and deep house connections
5. Elevations of deep house connections and tee in profile.
6. Upstream and downstream manhole invert data.
7. Sewer main distance and slope calculations based on revised manhole inverts (re-draw if necessary).
8. Show electric, telephone, gas, cable, storm sewer concrete encasements in plan and profile view.
9. Stationing of laterals, deep house connections based on sewer centerline stationing. Stationing will always begin 0+0 at downstream manhole to upstream manhole.
10. Clearances between other utilities (water mains, telephone, electric, gas, etc.).
11. Offsets to sewer mains required when curbing or edge of pavement is present.

## **AS-BUILT DRAWINGS**

After construction and before final acceptance by the Authority, submit:

- 1 set of reproducibles (upon acceptance)
- 4 sets of paper copies (2 sets for review – upon acceptance, 4 copies are required).
- 2 sets of operation and maintenance manuals (pump station & booster pump)