

**30 January 2022**

**AMENDMENT 3**

**CONSTRUCTION SPECIFICATIONS FOR WATERLINE EXTENSIONS**

**Add the following paragraph to Section 300 Construction Specifications for Waterline Extension.**

**316 Submittals / Shop Drawings**

Shop Drawings shall be submitted to WMU for review of all proposed components to be installed as part of any waterline extensions. The shop drawings shall comply with the specifications as addressed in the previous paragraphs of this chapter which shall include but not be limited to:

- Fire Hydrant Assemblies – Anchor Tees, Valves by size, make and model, Fire Hydrant by make and model, Anchor Pipe, Valve Boxes.
- Fittings – Tees, 11 ¼, 22 ½, 45 bends, reducers, etc.
- Valves to include size, make and model
- Flanges / Flange Packs
- Water Line Marker Tape
- Tracer Wire Components to include connectors, ground rods and access points.
- Pipe both water line and conduit
- Encasement pipe and casing spacers

**30 January 2022**

**AMENDMENT 4**

**CONSTRUCTION SPECIFICATIONS FOR SANITARY SEWER LINE EXTENSIONS**

**Add the following paragraph to Section 400 Construction Specifications for Sanitary Sewer Line Extension**

**410 Submittals / Shop Drawings**

Shop Drawings shall be submitted to WMU for review of all proposed components to be installed as part of any sanitary sewer line extensions. The shop drawings shall comply with the specifications as addressed in the previous paragraphs of this chapter which include but not be limited to:

- Manholes showing the correct manhole numbers as displayed within the State Approved Plans, all inverts and or drops, elevations, base, barrel and cone heights, and the position of steps within the manholes.
- Manhole Frames and Lids identifying the weight and the traffic rating if applicable as well as if the lid is a watertight lid.
- Pipe as shown within the State Approved Plans.
- Fittings - Bends (11 ¼, 22 ½, 45), Directional Tees, Wyes, etc.
- Flanges – Applicable if D.I. / Cast components are being proposed.
- Sanitary Sewer Line Marker Tape
- Encasement Pipe and Casing Spacers
- Frame Seals to include the warranty information (50-year minimum)
- Tracer Wire Components to include connectors, ground rods and access points.