



## CONNECTION PERMIT REQUIREMENTS

As stated by the Rules and Regulations dated October 2013, the following items are specified by the District for final inspections approval. All new, relocated, or replaced service lines are required to use the following guidelines.

**THESE ITEMS SHALL BE INSPECTED BY DISTRICT PERSONNEL WHEN INSTALLATION IS COMPLETE & BEFORE THE BUILDING IS OCCUPIED.**

### **SERVICE LINE SPECIFICATIONS**

The property owner is responsible for the sewer service line from the home to the main sewer line and for the water line from the home to the curb valve at or near the property line.

#### **SEWER SERVICE LINE**

C-900 Class 200 or 150 or SDR 35 or 26 water pipe must be used from the tap into the structure. At least 5 feet of cover over line is required, with at least 6 inches of road base compacted under the line and 6 inches of road base compacted on top of the line. **District personnel shall perform a line inspection, prior to backfill.** A clean out is required every 100 feet along the service line, if it is over 100-feet in length.

#### **WATER SERVICE LINE**

Use only Soft K-type copper line with compression fittings. A minimum of 8 feet of cover over line is required, with at least 6 inches of road base compacted under the line and 6 inches of road base compacted in top of the line. **The line inspection shall be performed by District personnel prior to backfill.** The line must be pressure tested to 150 PSI or 1.5 times the static pressure in the system at the site for 1 hour. Pressure tests are to be completed by a contractor or plumber with District personnel present. Service lines larger than 2 inches must be Class 52 Ductile Iron Pipe (DIP) with C-153 DIP fittings with main line tee and gate valve to be used as the main line tap.

### **PLUMBING MATERIALS SPECIFICATIONS**

Customers who are obligated to obtain a connection permit from the TOSV due to an alteration, renovation of, or an addition to an existing property, whether or not the installation, addition, or relocation of any plumbing fixtures is required for the proposed, are required by the Rules and Regulations to have or install all plumbing items, as listed below:

#### **WATER METERS**

##### **Residential Meter**

Meter is required to be a Neptune T-10 size 5/8 inch to 2 inch Meter, with Ecoder register. Radio unit must be Neptune wall mount "MIU", wire from register to wall unit must be 3-wire. Readout located outside on the side of the house closest to the driveway. Meter Remote wiring must have water proof connections.



### **Commercial Meters and meters larger than 2 inches**

Meter is required to be a Neptune TruFlo Compound meter with Ecoder with Remote Readout similar to Residential meters above.

### **PRESSURE REDUCING VALVE**

Watts 25AUB-Z3 with strainer or equal. PRV must be set at no greater than 50 PSI.

### **BACKFLOW PREVENTION VALVE**

Hersey brand, model FRP-II or Febco brand, model 825Y or 860Y for 3/4 inch to 2 inch lines, Hersey brand, model 6CM for 2.5 inches to 10 inches lines.

### **STANDARDS FOR FIXTURES, METER, PRV and BACKFLOW INSTALLATION**

- All potable and irrigation water services shall be metered.
- Installation of water meters and remotes and maintaining access to them will be the responsibility of the property District. All meters installed will meet the standards as specified by the SWSD.
- All meters, PRV's, and backflow devices shall be installed in the mechanical room, which is required to have a floor drain. The device must be installed in the horizontal position, 12 to 30 inches above the floor and 12 inches away from the wall. These devices need to be accessible for testing and in a space with standing room.
- All meters will be set as close as possible to the point where the service enters the premises.
- Meters shall be protected from freezing.
- All meters will be installed horizontally no more than 36 inches above the floor or work surface with a minimum clearance of 12 inches above the meter.
- The meter shall have a remote reader installed near the front of the home or driveway, at a minimum height of 48 inches above grade and a maximum height of 80 inches or as determined by Water Department personnel.
- Meters 2 inches and larger will be Neptune single register compound meters with bronze flanges using brass nuts and bolts or stainless steel nuts and bolts.
- The meter will be the same size as the domestic service line. A 3/4 inch meter is the smallest meter allowed.
- Toilets are to be 3.5-gallon maximum flush type.
- All faucets are to have aerators in the spigots (water saver type) with a flow capacity of 2.5 gallons per minute.
- Shower heads are to have water savers in them and deliver no greater than 2.5 GPM at 50 PSI.