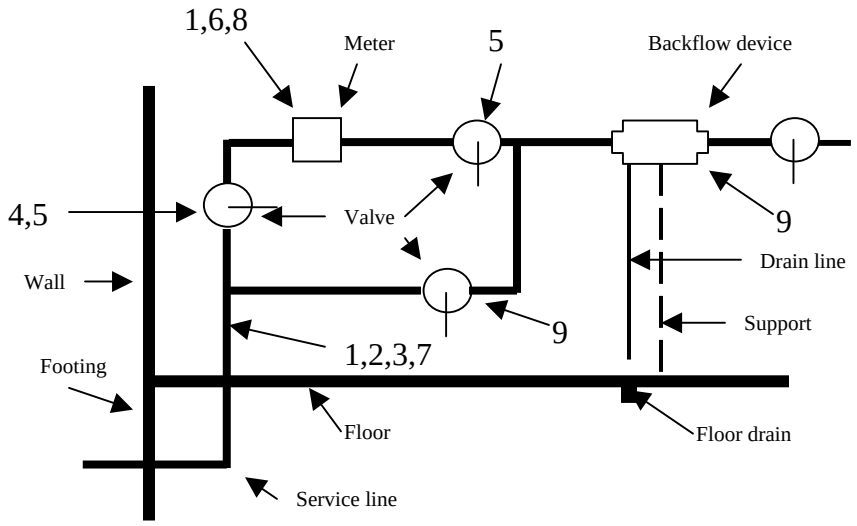
CITY OF MADISON HEIGHTS
DEPARTMENT OF PUBLIC SERVICES
UTILITIES DIVISION
(248) 589-2294

WATER METER INSTALLATION STANDARDS

The following standards apply to all water meter installations:

1. Meter assemblies shall be within two (2) feet of the service line's point of entry at the footing or wall unless specifically waived by the Utilities Superintendent. **The meter assembly is defined as the meter and the valve on each side.**
2. The supply line and meter shall be the same size diameter through the meter assembly.
3. Service lines shall be minimum 1" diameter. Lines up to 2" shall be type K soft copper. Above 2" the line shall be cl.54dbl cement lined ductile iron.
4. The first joint shall be a valve.
5. All valves shall be full open type with nominal restriction flow, ball valves are preferred for all services. Residential service valves shall have a bleed orifice per the MRC. Valves must be installed within 24" of the meter on both sides.
6. Meters shall be installed horizontally and shall have 6" clearance from walls and 12" clearance from floors and provide adequate room for servicing the meter assembly.
7. No plastic, asbestos, lead or galvanized pipe shall be allowed before, or within, a meter assembly.
8. Meters shall be bonded and grounded per the MEC and MRC.
9. All commercial and industrial users shall have a backflow preventer and a valved meter bypass line. Backflow certification is required prior to final inspection. Drain lines shall be piped so that evidence of discharge is clearly visible. The total weight of the preventer must be supported. Wet drops are not permitted as support.
10. Except in one and two family homes, meter locations and meter rooms must be approved by the Utilities Department and must be accessible from an unsecured public area or an exterior door with a key provided to the Department.
11. All water taps up to, and including, two inch (2") services are made by the City. All others are made by the developer's contractor with permits and inspection by the City.



Numbers at left correspond to items above.

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