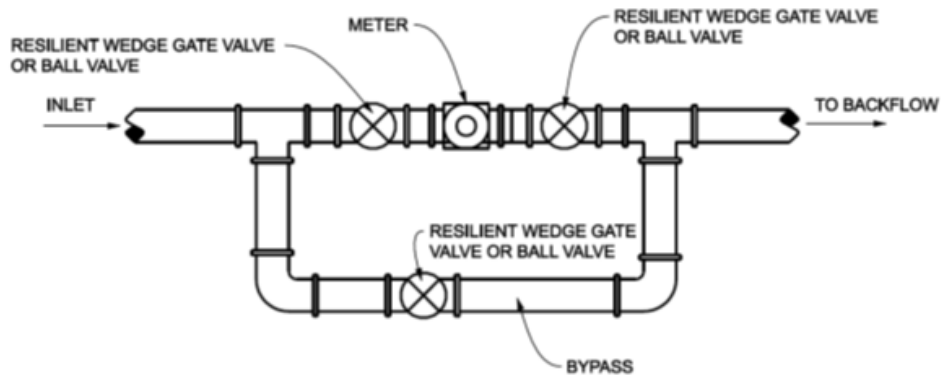




## 1½ Inch and Larger Meter Installation

Before you begin, Elk Grove Village will have supplied you with the following:

### Water Meter Flange Kit



1. The water meter is furnished by the Village, but must be installed by the customer. All material illustrated, except the water meter, must be supplied and installed by the customer.
2. The water meter shall be installed within five (5) feet of the service entrance to the building.
3. The installation may be placed from one (1) to two (2) feet off the floor, depending upon installation requirements and must be adequately supported.
4. The meter must be installed horizontally with meter head facing up.
5. A conduit raceway from the meter to the outside of the building must be installed to run the meter wire. The wire(s) on the meter can be left uncoiled and untouched; a Public Works representative will run the correct wire during the Temporary Certificate of Occupancy inspection.
6. All meters 1½ inches or larger in size must have a bypass installed as shown in the above drawing. The bypass cannot be more than one pipe size smaller than the meter size. The valve on the bypass piping must be capable of being locked off. The bypass valve will be sealed in the off position by Public Works representatives.
7. A reduced pressure zone (RPZ) backflow preventer is required for the following installations:
  - a. On all meters installed in industrial or commercial buildings;
  - b. For residential installations with two (2) inch or larger meters;
  - c. Or for properties with an irrigation system.

The Public Works Department can be reached at (847) 734-8800 with any questions regarding the backflow installation.

8. Note that galvanized pipe is not permitted before the RPZ.
9. The old meter can either be returned to the Public Works Facility located at 450 E Devon Ave or may be arranged to be picked up by the Public Works Department when they inspect the installation and install the remote reading equipment during the Temporary Certificate of Occupancy inspection. **REMEMBER:** Customer is responsible for the old meter until it is in the hands of a Public Works official.