

**STEPS AND PROCEDURES
FOR INSTALLATION OF IRRIGATION METERS**

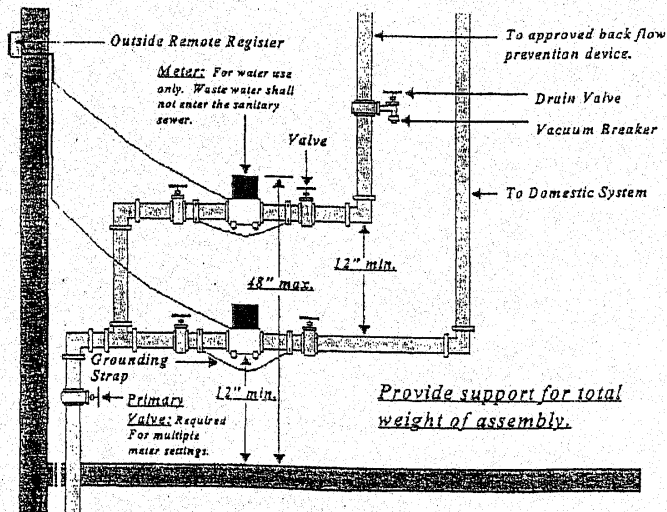
- Obtain a plumbing permit with the purchase of an irrigation meter (with the purchase of your irrigation meter, a copy of the proper way to install a water meter, a copy of the backflow preventer test report, and a copy of a list of certified testers for backflow preventers is issued in the irrigation meter application packet.)
- You will need a person certified by the State of Michigan to perform backflow preventer testing shall perform a backflow preventer test and the results of the report shall be submitted to the Building Dept.
- After the backflow preventer test has been completed and a copy of the report issued to the Building Dept., a final plumbing inspection shall be required. This inspection is set up through the Building Dept.
- After the installation of your irrigation meter, it is very important to call the **Department of Public Works (DPW) at (734) 439-1780** to schedule an appointment to have a meter reader installed in the basement or crawl space of the home/building. They will need to enter the home and have access to the water meter in order to install the reader.

City of Milan
Building Dept.
147 Wabash St.
Milan, MI 48160
(734) 439-7089



Typical Residential Water Use Only Meter Installations:

- I. Meter assemblies shall be within 5 feet of the service line's point of entry at the structures footing or wall.
- II. Meter shall have grounding strap.
- III. Meter shall have full flow service valves within 24" before and after each meter for servicing.
- IV. No plastic, asbestos or galvanized allowed before or with a meter assembly.
- V. Plumbing or piping shall clear walls by 6" at meter connection.
- VI. Meter shall be installed horizontally.
- VII. Must Maintain 1 foot clearance.





CITY OF MILAN
DEPARTMENT OF PUBLIC WORKS
455 Squires Drive
Milan, MI 48160

PD-400

SR® AND SR II® WATER METERS INSTALLATION GUIDELINES

1. Meter is intended for measuring potable, cold water in one direction only.
2. Meter is to be installed in a horizontal pipeline with the register facing upward and readily accessible for reading.
3. Suitable shut-off valves should be installed adjacent to both the inlet and outlet of the meter so service may be shut off without undue inconvenience to the customer whenever the meter must be removed.
4. Clean and flush the service line thoroughly on the inlet side of the meter before installing the meter.
5. Remove the spud thread protectors and set the meter with the arrow on the meter pointed toward the outlet (customer's side).
6. To insure unrestricted flow of water through the meter, use the proper size and type of gaskets. Connections should only be sufficiently tightened to seal; *do not over-tighten*. Do not use pipe sealant, tape or putty on the meter spud threads.
7. After the meter is installed, shut the *outlet* shut-off valve. Open the inlet shut-off valve *slowly* until the meter is full of water and there are no leaks.
8. Open the outlet valve *slowly* until air is out of the meter and service line. Open a valve downstream of the meter *slowly* and insure that no foreign debris in the water obstructs the operation of the meter.

CAUTION: Introducing water too quickly into the meter will damage the meter's internal components. The meter and service line must be free of air before operating the meter at normal flow rates.

9. Install an electrical grounding strap around the meter for maintenance safety while repairing or removing meter.

NOTE: For additional details, refer to the Sensus Water Meter Installation & Operating Instructions or the American Water Works Association (AWWA) Manual M6.

If the meter to be installed requires the installation of a remote, follow the applicable installation guide.

**STANDARD FORM FOR
BACKFLOW PREVENTER TEST REPORT**

ADDRESS		CITY		ZIP	
OWNER		TELEPHONE NO.		DATE:	
MAKE & MODEL OF DEVICE		SIZE	SERIAL NO.		
LOCATION OF DEVICE:					
	CHECK VALVE #1	CHECK VALVE #2	PRES. DIF. ACROSS #1 CHECK	PRES. DIF. WHEN RELIEF OPENS	STRAINER
TEST BEFORE REPAIR	LEAKED () CLOSED ()	LEAKED () CLOSED ()	____ PSI	____ PSI	NONE () CLND ()
DESCRIBE REPAIR					
FINAL TEST	LEAKED () CLOSED ()	LEAKED ()	____ PSI	____ PSI	
MATERIALS USED					

CERTIFICATION:

I hereby certify the foregoing data to be correct and that the tested Device is functioning within the limits of the standard.

Tester's Printed Name _____
 Signature _____
 Address _____
 City _____ Zip _____
 Phone _____
 Fax _____
 Tester's Certification No. _____

DATE	REMARKS