

# LAWN IRRIGATION SYSTEMS



## DOCUMENT SUBMITTAL LIST

- Completed *Application for Construction or Use* (Permit application). Application must include authorized signature by the property owner if not owner occupied.
- Three copies of the Plat of Survey showing the location and dimensions of sprinklers.
- A *landscape license and covenant agreement* application if irrigation system will be installed in the City right-of-way.

**Failure to provide any of the above documents may result in processing delays.**

## GENERAL INFORMATION AND FEES

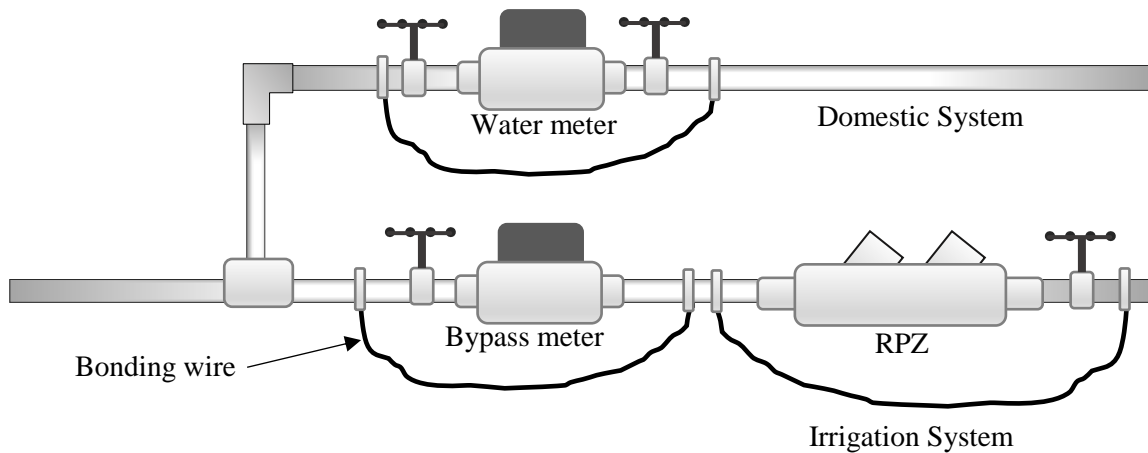
1. A permit is required for the installation of lawn irrigation systems.
2. The application review period averages two weeks. The applicant will be contacted when the permit is ready for issuance and payment.
3. If work commences prior to permit issuance, the permit fee shall be doubled.
4. A list of required inspections is provided on the reverse side of the permit. Inspections must be scheduled at least one day prior to the desired inspection date by calling the Warrenville Community Development Department (630-393-9050).
5. A permit may become invalid if work does not begin within 180 days of issuance, or if construction has been halted and not resumed for a period of 60 consecutive days.
6. Homeowners Association (HOA) approval may be required before commencing work. The issuance of a permit does not exempt HOA rules and regulations.
7. It is the homeowner/contractor's responsibility to have underground utilities located no less than 48 hours before digging commences by calling J.U.L.I.E (811).
8. Fees:

Plumbing Permit	\$ 22.00
Each lawn sprinkler system on any one meter	\$ 13.25
Backflow protection devices 1 to 5 devices	\$ 11.00 each
Backflow protection devices over 5 devices	\$ 2.00 each
Backflow protection devices larger than 2"	\$ 22.00
5/8-inch bypass water meter	\$304.80
ROW fee for landscape license agreement	\$ 35.00
DuPage County fees for recording executed landscape license and covenant agreement	As set by DuPage County

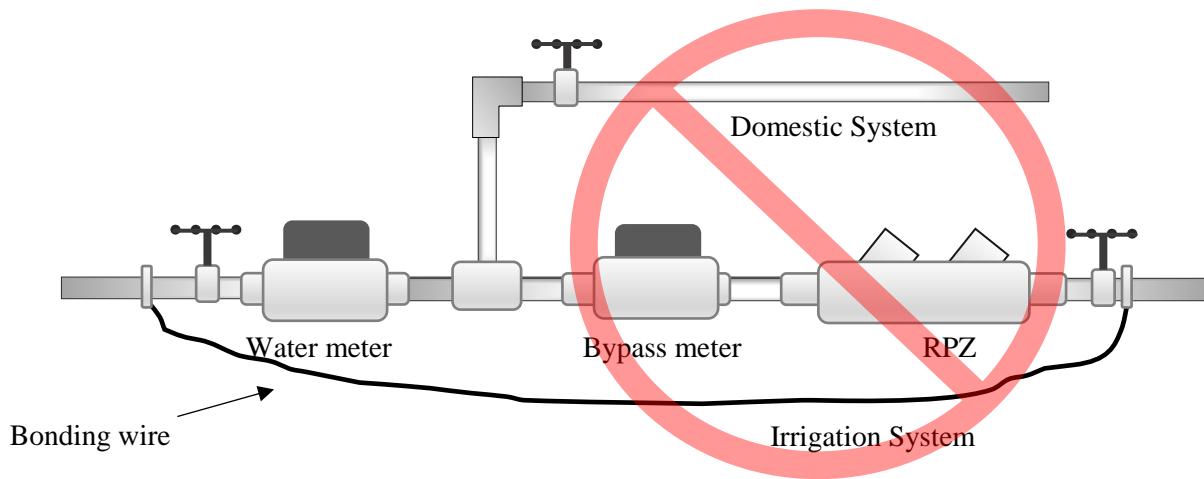
## **REGULATIONS**

1. Lawn irrigation system must comply with the regulations as published in the Illinois State Plumbing Code and ordinances of the City of Warrenville.
2. Where a lawn irrigation system is installed by a contractor, the State of Illinois requires:
  - a. A licensed plumber to inspect the sprinkler system installed by an irrigation contractor so as to ensure that the provisions of the law have been met and that the system works mechanically.
  - b. A licensed plumber make the physical connection between a sprinkler system and a backflow prevention device.
3. Sprinklers are not allowed to be directed so as to spray over the sidewalk into the City right-of-way (ROW).
4. Irrigation systems are not allowed in the city ROW except through an approved covenant agreement for permissible use, as explained in number 5.
5. Underground lawn sprinkler may be installed in the right-of-way as permissible landscape improvement. This requires applying for and complying with all applicable City approval requirements for permissible encroachments.
  - a. A *landscape license and covenant agreement* application, available online at <http://www.warrenville.il.us/documentcenter/view/520> or at City Hall, must be submitted to and processed by the Community Development Department in conjunction with the input and authorization from the Public Works Department.
  - b. The Community Development Department will review and provide the final approval, issuance, and recording of all landscape license and covenant agreements that comply with the requirements of the agreement. The approved and executed landscape license and covenant agreement will be recorded against the applicant's parcel of property in the DuPage County Recorder's Office, as a permanent record of the hold harmless, insurance, and maintenance obligations that will be assumed by the current and future owner of the applicant's parcel.
6. Although not required, a bypass meter may save money on the cost of sanitary sewer fees that are calculated through domestic water usage. If installing a bypass water meter, the bypass meter must be installed in parallel with the existing domestic water meter (see Figure 1). Water meters must be installed in an accessible location with space for servicing.
7. A Reduced Pressure Zone (RPZ) backflow device is required after the water meter. A ball valve must be installed prior to and immediately after the RPZ. The ball valve required before the water meter must have a locking device capable of accepting a standard padlock.
8. A number eight gage copper wire is required to be installed with a bonding clamp on each side of the meter and RPZ (see Figure 1).
9. The RPZ must be tested and certified immediately after installation and on a yearly basis. Failure to do so will result in termination of water service. The certification test results must be immediately sent to Warrenville Public Works Department.

10. The cable for remote read device must be installed and terminated near the existing meter reader device on the exterior of the building. Once installed, customer must contact Water Billing at 630-393-5753 to schedule a final water meter inspection. The City will then install the meter transmitting unit on the exterior of the building.
11. **Sprinkling restrictions are:** No lawn sprinkling between the hours of 11:00 a.m. and 7:00 p.m.



**Figure 1, Correct bypass meter installation.**



**Incorrect bypass meter installation.**

**Approved construction documents shall be available on site at all times. Alterations to the approved plans must be resubmitted to the Building Department in writing for review and approval prior to construction. Where conflicts between this guide and the code arise, the most restrictive code shall prevail.**

