

# Lawn Irrigation / Sprinklers

A Plumbing Permit is required for every lawn irrigation system installation. To protect the City water supply, a *backflow prevention device* (see below) is legally required for any system connected to municipal water and must be installed by a licensed & certified plumber.



## Required Submissions

All applications are available on the City's website or at City Hall.

- **Plumbing Permit application.** Permit fee is calculated based on the project *valuation* (labor + material costs).
- **Site plan (also called plot plan).** [Attached] An 'aerial' view of the property and structures showing the exact locations of the following:
  - Property lines drawn neatly to scale, with proposed irrigation lines and sprinkler head locations
  - Include the existing house and structures on property in precise dimensions to property lines



**It's the law- call  
before you dig!**

**Call 811 or visit  
[gopherstateonecall.org](http://gopherstateonecall.org)**

## Inspections & General Requirements


One final inspection is *typically* required. More (or less) may be required based on the size and design. You will receive an inspections list with the permit. *Call 24+ hours in advance to schedule inspections.* Inspection will include:

- All sprinkler heads are located within the property lines
- The backflow prevention device is a min. 12" above the elevation of the highest sprinkler head
- Water line supplying the system is connected *after* the water meter. Interior access is required.
- No sprinkler heads/lines are allowed in the easements, Right-Of-Ways (ROW), or boulevard. The City is not responsible for any damage to components within these areas. It is the property owner's responsibility to remove, repair, or replace components if work needs to be done within any easement, boulevard, or ROW.
- Backflow prevention devices are required to be tested by a certified tester when installed. It is the responsibility of the premise owner to have the backflow prevention device tested annually thereafter. Annual test report completed by tester shall be submitted to the City of Mounds View Public Works Department within 30 days.
- RAIN SENSORS. Minnesota State Statute 103G.298 requires that all automatically operated landscape irrigation systems shall have furnished and installed technology that inhibits or interrupts operation of the landscape irrigation system during periods of significant moisture. The technology must be adjustable either by the end user or the professional practitioner of landscape irrigation services.

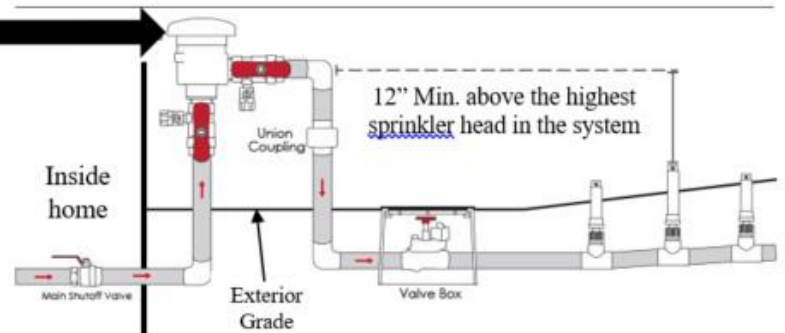
## Alternative Water Sources

Irrigation system water being supplied by an alternative source (not connected to the public water supply), such as a shallow well or pond, requires a permit. Additional permits may be required as well, such as for a sand point well. Well registration forms shall be completed and sent to the State of MN, Well Division.

**MN State Plumbing Code requires a backflow prevention device be installed** on every irrigation system that connects to the public water supply. The device must be installed by a licensed & certified plumber. The device is then required to be tested annually by a certified tester, and the reports turned in to the Mounds View Public Works Department. Please contact the Public Works Department for further information at 763-717-4050 or [publicworks@moundsviewmn.org](mailto:publicworks@moundsviewmn.org)



*Backflow Preventer (example)*



12" Min. above the highest sprinkler head in the system

Inside home

Main shutoff valve

Exterior Grade

Union Coupling

Valve Box

**PROPERTY INFORMATION / SITE PLAN / PLOT PLAN**

**Property address:** \_\_\_\_\_ **Mounds View, MN 55112**

Show all existing and proposed structures, sizes, and their locations on lot with distances to property lines.  
Include utility easements (if known), driveway, sidewalks, and name of streets that front the property.

