

MUNICIPAL INSPECTIONS, INC.  
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### LAWN IRRIGATION DO IT YOURSELF GUIDE

This guide is intended to help the homeowner who wishes to do their own installation of a Lawn Irrigation System.

#### REQUIREMENTS

1. Call **Gopher State One Call** at **651-454-0002**, 48 hours before you dig.
2. Connect into the water line on the house side of the meter.
3. Lead free solder is required.
4. A ball type gate valve is required to control the irrigation water line.
5. Provide a means of draining the system and blowing water from the sprinkler heads during winter month.
6. Provide adequate back flow prevention with RPS (Reduced Pressure Zone), or a pressure type or vacuum breaker. See attached sheets for diagrams illustrating the proper methods of installation.
7. All garden hose connections, inside and outside the building, must have a hose connection vacuum breaker installed.
8. A garden hose connection is not a legal connection for a lawn irrigation system.
9. Schedule an inspection after you have tied into the domestic water line and run the piping to the outside with the necessary back-flow prevention device installed.
10. Properly support all piping and the back flow preventer.
11. All lawn irrigation systems shall have furnished and installed technology that inhibits or interrupts operation of the system during periods of sufficient moisture (Ex: rain sensor) as per Minnesota Statute 103G.298

NOTE: Plumbing Contractors doing installations shall be licensed by the state.