



**Lonsdale Building Inspections Department
415 Central Street W.
PO Box 357
Lonsdale, MN 55046
(507) 744-2327 fax (507) 744-5554**

**SPECIFICATIONS FOR LAWN IRRIGATION
REQUIRED INFORMATION WHEN APPLYING FOR PERMIT**

This information only outlines general code requirements relative to lawn irrigation. For specific code requirements, please contact a design professional or the Lonsdale Building Department at 507-744-2327. The permit shall be posted in a visible location in the construction area.

ITEMS REQUIRED BEFORE A PERMIT WILL BE ISSUED

1. Irrigation systems, for new home construction requires an As-built survey approved by the Engineering Department prior to permit issuance.
2. Completion of Building Permit Application.

GENERAL BUILDING REQUIREMENTS

1. The City will not authorize the installation of sprinkler heads within the City's boulevard/right-of-way. When sprinkler heads are installed within the City's boulevard/right-of-way, the owner will be solely responsible for any damages resulting from such an installation.
2. Call **Gopher State One Call** at 651-454-0002 or 800-252-1166, 48 hours before you dig.
3. Connect into the water line on the house side of the meter.
4. 95-5 or Lead free solder is required.
5. A ball type gate valve is required to control the irrigation water line.
6. Provide a means of draining the system and blowing water from the sprinkler heads during winter months.
7. Provide adequate back flow prevention with RPZ (Reduced Pressure Zone), or a pressure type or vacuum breaker. See attached sheets for diagrams illustrating the proper methods of installation.
8. All garden hose connections, inside and outside the building, must have a hose connection vacuum breaker installed. See page 4, fig.1.

9. A garden hose connection is not a legal connection for a lawn irrigation system.
10. As per Minnesota Statute 103G.298, 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 sufficient moisture (i.e. rain sensor)
11. Properly support all piping and the back flow preventer.

REQUIRED INSPECTIONS

Please call 24 hours in advance for required inspections.
507-364-5345

1. Final inspection

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.