City of Shakopee

RESIDENTIAL LAWN IRRIGATION SYSTEMS

This handout is to inform homeowner's of City requirements when performing their own installation of a lawn irrigation system.

Required items for correct installation of a lawn irrigation system:

1. 1. Permits are required for lawn irrigation systems
2. 2. Connection into the domestic water line shall be on the house side of the meter.
3. 3. Use full flow valve (ball or gate type) after the connection with means of draining the line after the valve.
4. 4. .2% is the maximum lead content allowed in solder used in plumbing systems.
5. 5. Provide adequate back flow prevention with RPZ (Reduced Pressure Zone), either pressure type or atmospheric type. See attached sheets for diagrams illustrating the proper methods of installation.
6. 6. Call for required inspection after you have connected into the domestic water line, run all piping to the outside with the necessary back flow prevention device installed and the system is ready for operation.
7. **7. Sprinkler heads installed in boulevard area are at the risk and responsibility of the property owner.**
8. 8. All hose connections (inside and outside the building) must have a hose connection vacuum breaker installed.
9. 9. A garden hose connection is not a legal connection for a lawn irrigation system.
10. 10. Installations must comply with manufacturers installation instructions.