



# City of Waverly

Building & Zoning Department  
Mail to: P.O. Box 427  
14130 Lancashire  
Waverly, NE 68462  
402.786.2312

## Lawn Irrigation Systems

All construction must comply with the following codes:

- 2018 International Residential Code
- Waverly Municipal Code

### System requirements

All automatic systems will be required to have a backflow prevention device and a rain sensor.

Backflow Prevention is a method of ensuring water from the system is not siphoned back into the City drinking water system. The City of Waverly has two approved methods of backflow prevention.

1. A air gap separation, to be approved, shall be at least double the diameter of the supply pipe measured vertically above the flood level rim of the vessel, but in no case less than one inch (1").
2. A double check valve assembly or a reduced pressure principal backflow prevention device shall be approved by the Municipal Water Department and shall appear on the current list of approved backflow prevention devices established by the water department.

### Material and Installation

All piping material from the house to the vacuum breaker needs to be copper tubing or approved cross-linked polyethylene tubing. The piping from the vacuum breaker to the sprinkler system may be PVC plastic rated for 160 psi or greater.

Automatic lawn sprinkler systems will have a rain sensor installed that will turn the system off under predetermined rain or moisture conditions.

It is the homeowner's responsibility to identify the location of property lines and covenant restrictions prior to construction. Before digging post holes contact the Diggers Hotline 1-800-331-5666 for the location of buried utilities.

### Submittal Documents Required:

Site Plan – A site plane showing the locations of the sprinkler heads and the type of head to be used. Location of water connections, backflow prevention device, and rain sensor also need to be marked.

**Inspections Required:**

- Inspection will be performed once all connections have been made prior to covering any irrigation lines.

Please allow a 24-hour notice when calling for an inspection. To obtain a building permit or schedule an inspection, contact the City of Waverly at (402) 786-2312

THE STREET RIGHT-OF-WAY IS PROPERTY WHICH THE CITY HAS RIGHT TO OCCUPY. IF YOU PLACE UPON OR WITHIN STREET RIGHT-OF-WAY ANY FENCES, GATES, SIGNS, BUILDINGS, ACCESSORY BUILDING OR OTHER STRUCTURES, VEGETATION OR UNDERGROUND LINES, YOU DO SO AT YOUR OWN RISK AND ANY DAMAGE TO, LOSS OF, OR DESTRUCTION OF, SHALL NOT BE THE RESPONSIBILITY OF THE CITY.

**This informational sheet is a summary guideline and is not conclusive of all codes and requirements.**