

Woodridge Building Code Title 8 Chapter 1 Article F

L. Lawn Sprinkler Systems: Automatic lawn sprinkler systems shall be installed in conformance with the following requirements:

1. A reduced pressure zone backflow prevention device shall be installed inside the building on the water supply line serving the lawn sprinkler system, shall be protected from freezing, shall be installed before any pump or device, and shall be located no more than ten feet (10') from the water meter. Water meters and backflow devices shall not be installed in valve vaults or manholes. The reduced pressure zone backflow device must be a minimum of one and one-half feet (1 1/2') and maximum of four feet (4') above the floor.
2. All water piping inside the building shall be Type K or L copper, galvanized pipe or brass. Aboveground piping outside the building shall be Type K or L copper, galvanized pipe or brass. Underground piping shall be Type K copper, PVC, polybutylene or polyethylene plastics.
3. On every installation but single-family residences, the reduced pressure zone backflow device shall be installed by a State licensed plumber. On all installations, a certification report shall be submitted by a licensed plumber stating that the reduced pressure zone backflow device has been tested after installation. The testing and certification shall be in accordance with Section 7-5B-13 of this Code.
4. Lawn sprinkler systems that require freeze protection by using compressed air to evacuate the lines, must have a valved connection point installed after the interior RPZ valve.
5. No chemical injection systems or soaker systems are allowed.
6. If a second water meter is installed to record the flow through lawn sprinkler systems, it shall be provided with valves on each side.