

21 NCAC 23 .0503 WATER SUPPLY

- (a) Before commencing installation, an irrigation contractor shall verify that the point of connection, water supply, flow rate, and static and dynamic pressures meet design criteria.
- (b) All new irrigation systems that have a pressurized water supply under continuous pressure must include an isolation valve. The isolation valve's location must be in the main line before the first zone valve or quick coupler.
- (c) On all new installations, if a master valve is used, it shall be installed on the discharge side of the backflow prevention device.
- (d) If the water supply is potable water, an irrigation contractor shall verify that a backflow prevention device is installed upstream of the irrigation system before pressurizing the irrigation mainline.
- (e) For local government water systems and large community water systems, an irrigation contractor shall, when required by local code, install a separate meter for new in-ground systems on lots platted and recorded after July 1, 2009, in the office of the register of deeds in the county or counties in which the real property is located. This Rule shall not apply to lots with privately owned septic tanks systems or other types of privately owned innovative on-site wastewater systems if a lockable cutoff valve approved by the water system and a testable backflow prevention device approved by the water system for the appropriate level of risk associated with the irrigation system or other identified risk are installed on the water supply line for the irrigation system. The lockable cutoff valve shall be installed on the water supply line for the irrigation system within 24 inches of the water meter and the testable backflow device shall be installed on the water supply line for the irrigation system

*History Note: Authority G.S. 89G-5; 143-355.4;
Eff. July 1, 2011;
Pursuant to G.S. 150B-21.3A, rule is necessary without substantive public interest Eff. September 22, 2014;
Amended Eff. July 1, 2018; November 1, 2016.*