



Fort Bend County W.C. & I.D. No. 2

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Requirements for Installing A Residential Irrigation System

1. A tee on the downstream side after the meter and before the house, is required for residential irrigation systems.
2. All plans for the irrigation system should be in compliance with 30 TAC 344.61, which includes the irrigator's seal, signature, and date of signing.
3. An approved backflow prevention assembly must be installed on all irrigation systems.
 - a. A pressure vacuum breaker (PVB) will be allowed on sprinkler systems with sprinkler heads or shrub risers up to 12-inches.
 - b. Sprinkler systems with sprinkler heads or shrub risers over 12-inches will be required to install a double check valve assembly.
 - c. The double check valve assembly may be installed below ground in a concrete meter box.
4. All residential irrigation systems are required to have a rain sensor installed.
5. The District requires Schedule 40 pipe up to the backflow assembly, and recommends Schedule 40 pipe up to the control valves.
6. The District must be notified to do a visual inspection of the pipe from the meter to the backflow assembly before the line is covered.
7. When it is determined that a backflow prevention assembly is required for the protection of the public system, the water purveyor shall require the consumer, at the consumer's expense, to install an approved backflow prevention assembly at each service connection, to test immediately upon installation and annually, or more often, to properly repair and maintain such assembly or assemblies and to keep adequate records of each test and subsequent maintenance and repair, including materials or replacement parts, with the original copy of the test report submitted to the District.