



Lawn Irrigation Systems

Procedure:

- A homeowner of a single family residence or licensed contractor who wishes to install a lawn sprinkler system must obtain a building permit from the Community Development Department.
- The permit application will include a description of the work, site plan showing the layout of the system on the property and declaration of the licensed plumbing contractor for the installation of the backflow preventer and the licensed electrical contractor for the installation of any electrical supply needed for the system zone controls.
- The backflow preventer must be installed in accordance with Sec. 608.16 of the International Plumbing Code.
- In addition, obtain a ROW permit from the Public Works Department for any irrigation system work occurring in the public right-of-way.

Fees:

The building permit fee for a lawn irrigation permit is \$40.

Inspections:

One final inspection is required. Please call 913-676-8363 to schedule the inspection.

NOTE: In-ground irrigation sprinkler systems shall require an atmospheric vacuum breaker (AVB), double-check backflow preventer or pressure reducing breaker (PRB). Valves shall not be installed downstream from an atmospheric vacuum Breaker. Where chemicals are introduced into the system, the potable water supply shall be protected by a reduced pressure principal backflow prevention assembly. The backflow preventer shall be installed by a licensed plumbing contractor and shall be accessible, and visible for inspection, maintenance and re-certification as required.