

Irrigation Permit Instructions

ITEMS REQUIRED TO BE SUBMITTED

MISCELLANEOUS SIMPLE PERMIT APPLICATION

<https://www.annatexas.gov/DocumentCenter/View/3664/Miscellaneous-Simple-Permit-Application>

A COMPLETE SET OF PLANS (see requirements below)

FEES - *Application fees must be paid when an application is submitted to the City.*

The City cannot accept an application that does not have all the required submittal items listed above.

PROCESS AND TIMING

The time it takes to review and approve permits depends on the complexity and completeness of the application and how quickly and thoroughly responses are received from the Applicant when the Department asks for corrections to plans or additional information to process a permit. Permits will only be issued to a contractor registered with the City of Anna.

PLEASE EMAIL QUESTIONS TO PERMITS@ANNATEXAS.GOV.

The purpose of this handout is to assist the public in complying with detailed permit submittal requirements. It is NOT a complete list of permit or code requirements and should NOT be used as a substitute for applicable laws and regulations. It is the responsibility of the owner/design professional to review the submittal for completeness and applicability to other codes. Only complete applications can be accepted by the City for review.

IMPORTANT IRRIGATION PERMIT REQUIREMENTS

1. All irrigation permit requests will require a complete set of plans on a site plan, plot plan or survey of the lot indicating property lines, structures, fences and any impervious surfaces located on the property.
2. The plans must be submitted by an Irrigation or Plumbing Contractor with a current Anna registration. If submitted by an irrigator, the irrigators seal must be on the plans.
3. The plans must clearly specify the tap location, the installation routing, and the type/sizes of materials to be installed.
4. All new irrigation systems must contain sensors or technology that interrupt the operation of the system during periods of moisture, rainfall, or freezing conditions.
5. The name and phone number of the licensed backflow tester that will test the backflow device at the completion of the job.
6. The name, address and phone number of the licensed irrigation or plumbing contractor.
7. The value of the job.

INSTALLATION REQUIREMENTS

1. Installations must declare compliance with Section 1903.251, Texas Occupations Code.
2. Sprinkler heads must be located on private property with the heads oriented so as not to spray onto public roads, walls, fences, sidewalks, driveways, brick, wood or stone.
 - a. No spray heads allowed in turf/landscape areas less than 48"
 - b. No filling of swimming pools or decorative fountains allowed.
 - c. Hose bibs must be installed with quick disconnects and labeled "Non-Potable. Not safe for drinking" if installed.
3. Any system installed with a chemical injection system must utilize a Reduced Pressure Principle Zone (RPZ) backflow device.
4. A Double Check Assembly (DCA), Pressure Vacuum Breaker (PVB) or a Reduced Pressure Principle Zone (RPZ) device are the only approved backflow devices for a lawn sprinkler system. An RPZ backflow device must be used when a chemical injection system is installed as a part of the irrigation system.
5. The following provisions apply to installation requirements when a Double Check Assembly is installed:
 - a. The Double Check must be installed within 5' of the connection to the water supply and on private property for residential lots.
 - b. The Double Check Assembly must be installed in a box.
 - c. There must be at least six inches (6") of pea gravel and 6" of air space below the double check.
 - d. There must be a clearance of six inches (6") between any test cock and the side of the box.
 - e. An isolation valve and a y-type strainer (pointing down) are required prior to the Double Check
6. Pressure Vacuum Breaker (PVB) or Reduced Pressure Assemblies (RP). The following provisions apply to installation requirement when Pressure Vacuum Breaker (PVB) or a

Reduced Pressure Principle Assembly (RP) backflow device is installed.

- a. If the RP is installed in a box, the box must contain drain holes. Additionally, the RP must be placed in a box large enough to provide the following clearances:
 - i. Twelve inches (12") between the bottom of the assembly and the highest sprinkler head in the system for a PVB and twelve inches (12") between relief valve opening and the ground for an RP.
 - ii. Six inches (6") between the assembly test cocks and any portion of the box.
- b. All plumbing lines and any backflow device located above the ground must be protected from freezing conditions. Such lines and devices must be installed in an approved hotbox or wrapped with heat tape. Any electrical circuit required for the heat tape or hot box requires a separate electrical permit.
- c. The permit can only be issued to a licensed electrician or the homeowner if the homeowner has homesteaded the property.
- d. The device must be installed within five feet (5') of the connection to the water supply and located on private property for residential lots.
- e. Any system installed with a chemical injection system must utilize a Reduced Pressure Principle Assembly (RP) backflow device.

INSPECTION REQUIREMENTS

1. As built stamped plans must be on site.
2. A completion letter must be on site.
3. BPAT test report must be uploaded to BSI.
4. For jobs not affiliated with new construction, leave all paperwork in a watertight bag in a double check box.

This is not intended to be an all-inclusive list. It is simply a helpful guideline to use when constructing in the City of Anna.