

## Irrigation Permit Plans Submittal Information

Upon submittal of an application for an irrigation permit, an irrigation plan shall accompany the submittal. The irrigation plan should include the following information:

1. Two (2) sets of irrigation drawings are required for submittal (minimum size 11x17), One (1) set will be retained as part of inspection records, and one (1) set will be required for onsite inspection to be given to the property owner on completion of the irrigation system.
2. Design and installation shall conform to TCEQ 344.62.
3. All irrigation plans used for construction must be drawn to scale and specified scale used.
4. The plan must include the following information: (TCEQ 344.61 (c))
  - (1) The irrigator's seal, signature, and date of signing;
  - (2) All major physical features and the boundaries of the areas to be watered.
  - (3) A North arrow.
  - (4) A legend.
  - (5) The zone flow measurement for each zone.
  - (6) Location and type of each: Controller; connector.
  - (7) Location, type, and size of each:
    - a. Water source, such as, but not limited to a water meter and point(s) of connection.
    - b. Type and location of backflow prevention device.
    - c. Required rain and freeze sensor.
    - d. Water emission device, including, but not limited to spray heads, rotary sprinkler heads, quick-couplers, bubblers, drip, or micro-sprays.
    - e. Valve, including, but not limited to, zone valves, master valves, and isolation valves
      - Location of required isolation valve (344.62(k) and master control valve (344.62 (h), installation of these valves will require access.
    - f. Pressure regulation component (if necessary).
    - g. Main line and lateral piping.
    - h. Required y-type strainer installed on inlet, side of double check and/or reduce pressure principal backflow preventer (344.50 (e) (3).
  - (8) Connection to potable water supply and the installation of a backflow device shall not be installed not less than ten (10) feet from the face of the curb and installed on the property being served by the system. No valves, strainers and backflow devices will be installed in the public right-of-way.