



**Irrigation Permit
Rules and Regulations**
Community Development Department

City of Shenandoah
29955 I-45 North
Shenandoah, Texas 77381
281-298-5522
www.shenandoah.tx.us

The following information is provided to assist you with procedures and requirements for submitting a permit request. If you have any questions after reading this information, please contact our Customer Service Representatives at 281-298-5522.

All plans must be designed per the 2018 International Codes, 2020 National Electrical Code, and 2018 IECC, with local amendments.

Commercial general contractors shall provide general liability insurance in the amount of 1,000,000.00 per occurrence along with workers' compensation coverage; the City of Shenandoah is required to be a Certificate Holder. Commercial subcontractors shall provide general liability insurance in the amount of 1,000,000.00 per occurrences unless Texas state law requires a lesser amount in which case the City will accept the lesser amount; the City of Shenandoah is required to be a Certificate Holder.

Residential general contractors shall provide general liability insurance in the amount of 1,000,000.00 per occurrence; the City of Shenandoah is required to be a Certificate Holder. Residential subcontractors shall provide general liability insurance in the amount of 1,000,000.00 per occurrences unless Texas state law requires a lesser amount in which case the City will accept the lesser amount; the City of Shenandoah is required to be a Certificate Holder.

The City of Shenandoah will no longer accept payment via credit card for fees and fines accessed to building projects. The City of Shenandoah's current fee schedule is posted for review on the City of Shenandoah website, www.shenandoah.tx.us. The City of Shenandoah strictly adheres to the collection of current fees and fines.

Construction hours are Monday thru Sunday 7 A.M. to 10 P.M.

All signs are permitted separately including construction, temporary, and permanent signs.

General Information

- **State License:** Contractors that are licensed by the state must provide the city a copy of their current license and driver's license. An Irrigator may sign a statement that allows other individuals to pick up permits on your behalf.
- Projects may not be started until the permit has been paid for and posted on the job site. For a new irrigation permit, water meter and account shall be established before you will be allowed to pick up the approved permit and plans.
- Approved Plans must be on site for the inspection.
- All licensed irrigators, licensed installer, and licensed irrigation technicians shall comply with the rules of the Texas Administrative Code Title 30 Part 1 Chapter 344 and other applicable codes.

Documents for Plan Review

All plans shall be submitted in a digital PDF format. Plans may be emailed to plans@shenandoah.tx.us, please note that all plans will not be reviewed until an application and payment is received.

- The Irrigation plan must include complete coverage of the area to be irrigated. If a system does not provide complete coverage of the area to be irrigated, it must be noted on the irrigation plan;
- The water line for an irrigation system under constant water pressure shall be Schedule 40 PVC ASTM D 1785 or CPVC ASTM D2846;
- All irrigation plans used for construction **must be drawn to scale**. The plan must include the following:
 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
 - Sensor as required
 7. Location type and size of each:
 - Water source-water meter and point of connection;
 - Backflow prevention device ASME # or ASSE and location of device;
 - Water emission device, included, but not limited to spray heads, rotary sprinkler heads, etc.;
 - Valves, including, but not limited to zone valves, master valves, and isolation valves;
 - Pressure regulation component;
 - Main line and lateral piping;
 - The scale used on the drawings;
 - The design pressure.

Inspections

- Backflow device/Pressure Vacuum Breaker(PVB) must be a minimum 12" from grade and securely supported. TCEQ backflow test certification may be attached in a sealed bag or emailed to customerservice@shenandoah.tx.us;
- All piping above grade must be insulated and protected from UV rays.
- Irrigation system shall not spray water over surfaces made of concrete, asphalt, brick, wood, stones set with mortar, or any other impervious material. Such as, but not limited to, walls, fences, sidewalks, streets, etc.

It is the responsibility of the owner/contractor to comply with all adopted codes by the City of Shenandoah. Additional information may be required to ensure code compliance. Any oversight on the part of the city during plan review or inspection does not relieve the owner/contractor from complying with all applicable codes and standards.

City approved plans must be on-site for each inspection.

I have read the information as stated above.

Company Name

Date

Printed Name

Signature

Email Address

Contact Number