



IRRIGATION PERMITS

FREQUENTLY ASKED QUESTIONS

IS A PERMIT REQUIRED TO INSTALL A LAWN SPRINKLER SYSTEM?

Yes

WHY DO I NEED A BACKFLOW DEVICE?

To prevent dirty water in the sprinkler pipes from accidentally backing up into the potable water system

CAN I INSTALL MY OWN?

Yes, if you have the homestead exemption on your taxes. However, the system still needs to be designed by a licensed irrigator, and the backflow device and tap need to be installed and tested by licensed individuals.

PERMITS & FEES

A permit is required to install a new irrigation system or alter the tap or backflow device on an existing system. The Permit Type is PLUMBING (RESIDENTIAL) or PLUMBING (COMMERCIAL) and the Work Class is IRRIGATION.

The fee is \$80.

SUBMITTAL REQUIREMENTS

All permit applications and inspection requests are done online through the City's CSS portal:

<https://energovcss.coppelltx.gov/EnerGovProd/SelfService#/home>

Typical submittal requirements for Irrigation permits include, but are not limited to, the following. Submittal requirements may vary depending on the scope of work. Additional documents may be requested by City staff. Documents must be in PDF format.

- Description of the work
- An irrigation plan, signed and sealed by a state licensed irrigator, certifying that the irrigation system is being installed in conformance with all TCEQ rules.



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TYPICAL REQUIRED INSPECTIONS

Typical inspection(s) for irrigation permits are as follows. City-approved plans must be on site for all inspections. Inspections that are requested before 4 pm will be conducted the next business day.

- Final Plumbing Inspection

GENERAL REQUIREMENTS

- All irrigators, installers, and irrigation technicians must comply with the rules set forth by TCEQ (Texas Commission on Environmental Quality).
- Any irrigation company performing work within the City of Coppell must have a person holding a valid 'irrigation license' register with the City of Coppell.
- A permit must be obtained prior to beginning irrigation work.
- Plans must include TCEQ recommendations in Section 344.61.
- All new automatically controlled irrigation systems must include sensors or other technology designed to inhibit or interrupt operation of the irrigation system during periods of moisture or rainfall and prevent operation during freezing weather.
- A residential homeowner is not required to be licensed if he or she is performing irrigation work on their own property. However, a licensed plumber or irrigator must make any connection to the city water supply.
- A licensed irrigator (mandatory after January 1, 2010) or irrigation technician, and a copy of the 'sealed' irrigation plans, must be on the job site while work is active.
- A double check valve must be installed within 5 feet (5') of the tie-in to the water supply line. There must be at least 2 inches (2") of pea gravel in the bottom of the double check valve box. There must be a 6-inch (6") clearance between the bottom of the valve and the pea gravel and a 6-inch (6") clearance between the test cocks and the side of the box. The top of the box must be at the same grade as the surrounding ground.
- Texas State Law requires a backflow testing upon installation of a sprinkler system. In compliance with this law, the Building Inspections Department of the City of Coppell requires the submittal of the necessary reporting by a certified backflow tester.
- A box lid must be removed or be inverted for accessibility by the irrigation contractor prior to calling for inspection.
- Upon completion of the irrigation system, the irrigator or irrigator technician who provided supervision for the on-site installation will be required to:
 - Complete a final "walk-through" with the irrigation system's owner or owner's representative to explain the operation of the system.



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- Provide a permanent sticker listing the irrigator’s name, license number, company name, telephone number and the dates of the warranty period, to be affixed to each automatic controller installed by the irrigator or irrigation technician. If the irrigation system is manual, the sticker must be affixed to the original maintenance checklist. The information contained on the sticker, as follows, must be printed with waterproof ink: “This irrigation system has been installed in accordance with all applicable state and local laws, ordinances, rules, regulations or orders. I have tested the system and determined that it has been installed according to the Irrigation Plan and is properly adjusted for the most efficient application of water at this time.”
 - _____ (irrigator’s name)
 - _____ (state license number)
 - _____ (company name)
 - _____ (telephone number)
 - _____ (dates of warranty period)
- Provide an irrigation plan, indicating the actual installation of the system, to the irrigation system’s owner or owner’s representative.

CODES AND ORDINANCES

Please see our website for the currently adopted editions of the building codes. Engineers involved in the design or construction must be licensed in the State of Texas. The Code adoptions and local amendments can be found in Chapter 15 of Coppell’s Code of Ordinances. Zoning regulations are in Chapter 12, and fence regulations are in Chapter 9. All contractors must be registered with the City of Coppell and licensed as required by the State.

https://library.municode.com/tx/coppell/codes/code_of_ordinances