



Permits & Inspections
Division
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www.cosatx.us/permits

PERMITS & INSPECTIONS
Permits & Inspections is a Division of the Department of Planning & Development Services

SPRINKLER SYSTEM INSTALLATION

Will I need a permit to install, replace, or repair a sprinkler system?

Yes. Installation, replacement, or repair of a sprinkler (irrigation) system requires a permit and subsequent inspection by a plumbing inspector.

Can I do the work myself?

You may qualify for a Homeowner's Permit if you meet all the following requirements:

- You are **knowledgeable** to do the work, and
- You reside in the home, and
- You own the home, and
- You are homestead-exempt with the Tom Green Co. Appraisal District. You can contact the Tom Green Co. Appraisal District via: www.tomgreencad.com, (325)658-5575, or in person at 2302 Pulliam St. to find out if you are homestead-exempt.

If you do not meet all these requirements, you must hire a licensed plumber or irrigator to do the work. (In this case, the licensed plumber or irrigator will take care of the permitting and inspection process.)

Are there any installation requirements I should be aware of?

The following is information on sprinkler system installation AFTER a permit has been obtained:

1. When digging the ditch, the minimum buried depth allowed on the pressure line is 12 inches. If you cannot dig 12 inches deep, call a plumbing inspector for an approved alternate method.
2. Purchase the amount of piping material needed. Allowable materials are PVC schedule 40 (for all pipes under constant pressure) and schedule 200 (for pipes not under constant pressure). All fittings must be pressure fittings.
3. Lay your pipe in the prepared ditch with the lettering facing up for the inspector to read. Make sure you provide a cutoff valve enclosed in a valve box as close to the water meter as possible.
4. Turn off your main water supply before connecting the sprinkler system.
5. An inspection must be done prior to the pipes being covered. The inspection will be on the pressure line up to and including the protection device. (Note: All pipes past the protection device may be covered.)
6. An approved backflow prevention assembly must be installed. Approved assemblies are atmospheric vacuum breaker, pressure vacuum breaker, or double check valve. A cutoff valve is also required. (Note: No type of cutoff valve may be installed past an atmospheric vacuum breaker.) After installation of the assembly, a test by a certified backflow prevention assembly tester is required. (Some licensed plumbers or licensed irrigators have this certification.)

Hours of Operation: 8 AM - 12 PM & 1 PM - 5 PM

No payments or permit issuance can be made after 4 PM due to accounting constraints.

What is the process to obtain the permit?

1. For homeowners: Permit must be requested in person at the Permits & Inspections Division in the Community Development Building (just to the east of City Hall). If you have just recently applied for homestead exemption, bring proof of homestead exemption as well. (Note: There is not an “application” for a plumbing permit.) Licensed plumbers or licensed irrigators with an A/R account may request a sprinkler system by phone.
2. If you are adding a separate water meter for the sprinkler system an additional fee will apply.
3. This permit generally can be issued in minutes. Work may commence once the permit has been issued.
4. It will be the responsibility of the permit holder to schedule an inspection prior to the pipes being covered. Refer to our **Inspections handout** for more information on scheduling your inspection.

If you have any further questions or would like to speak with a plumbing inspector, you may call or come by our office.