



Webb County Fire Marshal's Office

1110 Washington St. Suite 2A

Laredo, Texas 78040

(956) 523-5911

Fire Sprinkler Plan Submittal Requirements

Fire Sprinkler Systems installed in Webb County must adhere to the requirements specified in the 2021 International Fire Code, including any local amendments, and comply with all relevant NFPA Standards. The Webb County Fire Marshal's Office will oversee all final testing and inspections of these systems. The following checklist provides guidance and is not exhaustive; it serves as an aid to ensure compliance with code requirements.

Permit Application

Copy of License current issued by The State of Texas Fire Marshal (1 Copy)

- RME
- Contractor/Company
- Installers

Submittal Packet (1 Copy)

- System Design Description
- Building information to include hazard type and construction type
- Manufacturer's Product Information Sheets of Listed Devices and Equipment
- Hydraulic Calculations
- Friction Loss Calculations
- Piping and fittings specifications
- Riser Diagram and specifications
- List of materials

1/8" Scaled Plans (2 Copies)

- Site Plan with hydrant locations and distance and main sizes
- Legend with appropriate sprinkler head specification
- North Arrow
- Floor Plans Drawn that are free extraneous information
- All Rooms Labeled for intended use to include dimensions
- Hanger Details
- Full Height cross section of each floor
- Location of partitions and fire walls
- Total number of heads for each riser per floor
- Location of risers
- Location of all piping sizes
- Location of 2 1/2" - Siamese FDC
- Location of alarm bell
- Capacity dry pipe or anti-freeze systems
- All labeling and signage posted in accordance with NFPA 13, 13D, 13R
- System Designers Stamp with Wet Signature

___ Modification Permit (up to 20 heads)

- ___ Permit Application
- ___ Copy of Licenses
- ___ Plans 1/8" scale, 2 copies, stamped and wet signed
- ___ Legend showing existing, relocated additional or plugged heads or lines devices
- ___ Cut sheets for each new device or piece of equipment
- ___ Indicate hazard type for area served

___ Underground Requirements (Fire Line)

- ___ Permit Application
- ___ Copy of License certifying such work
- ___ Plans- 1/8 scale, 3 copies, stamped and wet signed
- ___ Foot print of facility
- ___ Nearest Hydrant
- ___ Fire line detail (depth and pipe sizes)
- ___ Thrust blocking
- ___ Location of pit or vault
- ___ FDC and Riser
- ___ Flow Test Data
- ___ Cut sheets for all material used

___ Required Inspections

- ___ Underground Visual (all joints and connections)
- ___ Underground Hydro (200 psi- 2 hrs)
- ___ Above Ceiling Visual (prior to covering any pipe)
- ___ Above Ceiling Hydro (200 psi- 2 hrs)
- ___ Final Acceptance

The plans review process may take up to 10 working days. Incomplete plans may necessitate resubmission. System acceptance inspections are mandatory and should be scheduled at least 24 hours prior to the requested inspection time. A re-inspection fee of \$100 will be charged for systems that do not fully comply with all applicable codes. All devices must be tested in an approved manner.

AN INSTALLATION/MODIFICATION PERMIT AND AN APPROVED SET OF PLANS MUST BE KEPT AT THE JOB SITE AND PROVIDED TO INSPECTORS UPON REQUEST.