



COMAL COUNTY FIRE MARSHAL'S OFFICE

145 David Jonas Dr.
New Braunfels, Texas 78132

Fire Sprinkler Plan Submittal Requirements

Fire Sprinkler Systems installed in Comal County shall meet all the requirements of the 2018 International Fire Code, local amendments, as well as all applicable NFPA Standards. All final systems testing and inspections will be witnessed by the Comal County Fire Marshal's Office. The following is check list of information that should be used as an aid and is not intended to cover every code requirement.

_____ **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
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_____ **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
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_____ **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
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_____ **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
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Plans review process may take up to 10 working days. Incomplete plans may require that the plans be resubmitted. System acceptance inspections are required and should be called in at least 24 hours prior to requested inspection times. A re-inspection fee of \$30.00 will be assessed on systems that are not in complete compliance with all applicable codes. All devices will be tested in an approved manner.

INSTALLATION/MODIFICATION PERMIT AND AN APPROVED SET OF PLANS SHALL REMAIN AT THE JOB SITE AND PROVIDED TO INSPECTORS WHEN REQUESTED.