



**HAYS COUNTY
FIRE MARSHAL'S OFFICE**

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**John C. Browning
Hays County Fire Marshal**

Fire Sprinkler Plan Submittal Requirements

Fire Sprinkler Systems installed in Hays County shall meet all requirements of all applicable NFPA Standards, local agreements, and AHJ requirements. All final system testing and inspections will be witnessed by the Hays County Fire Marshal's Office (HCFMO). The following is a check list of information that should be submitted and used as an aid and is not intended to cover every code requirement.

___ Permit Application

___ Copy of the License current issued by The State of Texas Fire Marshal's Office (1 Copy)

- ___ RME
- ___ Contractor / Company
- ___ Installer(s)

___ Submittal Packet (1 Copy)

- ___ System Design Description
- ___ Building Information to include Hazard type and Construction Type
- ___ Manufacturer's Product Information Sheets of Listed Devices
- ___ Hydraulic Calculations
- ___ Friction Loss Calculations
- ___ Pipe and Fittings Specifications
- ___ Riser Diagram and Specifications
- ___ List of Materials

___ Scaled Plans (2 Copies)

- ___ Site Plan with hydrant locations, distance, and main sizes
- ___ Legend with appropriate sprinkler head specifications
- ___ North Arrow
- ___ Floor Plans Drawn that are free of 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 appropriate FDC, Contact HCFMO for FDC Size Required
- ___ Location of Alarm Bell
- ___ Capacity dry pipe or anti-freeze systems

- ___ All Labeling and Signage posted in accordance with NFPA 13, 13D, 13 R
- ___ System Designers Stamp with Wet Signature

___ **Modification Permit**

- ___ Permit Application
- ___ Copy of Licenses
- ___ Scale Plans, 2 Copies, Stamped and wet signed
- ___ Legend showing existing, relocated, additional devices, Plugged Heads or Line 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
- ___ Scaled Plans, 3 Copies, stamped and wet signed
- ___ Foot print of facility
- ___ Nearest Hydrant
- ___ Fire line detail (depth and pipe size)
- ___ 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

Plan 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. All devices will be tested in an approved manner. Any modifications to the approved plans SHALL be submitted to the Hays County Fire Marshal's Office prior to final inspection and a final set of As Built Plans Submitted.

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