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EL PASO COUNTY E.S.D. #2 -- FIRE MARSHAL'S OFFICE

Fire Sprinkler Plan

Submittal Requirements

Fire Sprinkler Systems installed within El Paso County ESD #2 territory shall meet all the requirements of the 2015 International Fire Code, local amendments, as well as all applicable NFPA Standards. All final systems testing and inspections will be witnessed by the EL PASO COUNTY ESD #2 Fire Marshal's Office. The following is a check list of information that should be used as an aid and is not intended to cover every code requirement.

- Permit Application
- Current copy of License 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 (3 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 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" scaled, 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)
- ___ Above Ceiling Visual (prior to covering any pipe)
- ___ Above Ceiling Hydro (200 psi – 2 hours)
- ___ Final Acceptance

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 \$71.00 per hour 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.