



City of Krum
102 W. McCart/P.O. Box 217
Krum, TX 76249
940-482-3491
940-482-3020 Fax

Krum Fire Department
333 Lake Street
Krum, TX 76249
940-482-6257



CONSTRUCTION PERMITS

Site and Building Plans. (Review of Emergency Access, Fire Hydrant locations, Means of Egress, Building Construction and locations of Fire Control Systems)

- Automatic Fire-extinguishing Systems
- Compressed Gases
- Fire Alarm and Detection Systems and related Equipment
- Fire Pumps and Related Equipment
- Flammable and Combustible Liquids
- Hazardous Materials
- Industrial Ovens
- LP-Gas
- Private Fire Hydrants
- Spraying or Dipping
- Standpipe Systems
- Temporary Membrane Structures, Tents and Canopies

SITE AND BUILDING PLAN SUBMITTALS

- Plans shall include interior walls and rooms, with the use of all rooms identified on plan.
- All submittals shall include a site plan. (Three copies)
- Site plan shall include building orientation.
- Construction documents for proposed fire apparatus access, location of fire lanes, types of construction, fire-resistance rated construction, location of fire hydrants, fire protection systems, hydraulic calculations for fire hydrant systems and fire protection systems, fire hazards and means of egress shall be submitted for review and approval.

Inquiries should be made for any additional requirements to the following processes involved in the construction project:

- Flammable & Combustible Liquids Storage and Usage
- Hazardous Materials
- LP-Gas Storage and Usage
- Spraying or Dipping



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FIRE SYSTEMS PLAN SUBMITTALS

- Fire Alarm Systems
- Automatic Fire Extinguishing Systems
- Fixed Extinguishing Systems
- Standpipe Systems
- Private Fire Hydrant Systems
- Only one set of specification/submittal book for fire alarm systems calculations and equipment specifications is required.
- Only one set of specification/submittal book for fire suppression systems hydraulic calculations and equipment specifications is required.
- Type of construction and occupancy classification shall be indicated.
- All submissions shall be signed by a certified design professional.

PROJECT INSPECTION REQUIREMENTS

Inspection Phases

- Fire Lanes and Emergency Access
- Framing/Brick, Rough-in
- Sheetrock inspection (Fire Walls Only)
- Fire Prevention Systems
 - Visual/Hydro acceptance testing
 - Fire Alarm acceptance testing
 - Fixed Extinguishing System acceptance testing
 - Underground Fire Systems Visual/Hydro, witness Flush of System prior to Riser connection.
- Fire Prevention Final Walk-through, Building Fire Final for Certificate of Occupancy



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CONSTRUCTION AND OPERATIONAL PERMIT APPLICATION REQUIREMENTS

GENERAL REQUIREMENTS

- All plans review may take up to ten working days.
- The Permit Application must be completed, signed and dated by the submitting individual. (Only completed and signed applications will be processed)
- Upon completion of the plans review the individual on the application will be contacted.
- A minimum of three sets of drawings are to be submitted (One will be kept by reviewer).
- Plans to be either blue or black line drawings, clear and legible.
- The plans are to be prepared by a registered design professional.
- Provide list of contractors with a copy of their licenses.
- Provide list of sub-contractors with a copy of their licenses.
- Projects may proceed above grade level when all fire lanes and required fire protection lines have been reviewed and released by the Krum Fire Department.
- A separate permit is required for all temporary construction trailers.
- Payments for Plans Review will be due upon submission of Plans Sets and the Application for Permit.
- Checks are to be made payable to "City of Krum".
- The Permit Fee Schedule will have the fee amount for each listed Construction Permit.

Q&A for Construction and Operational Permits

What permits are required?

- A. Operational - allows the applicant to conduct an operation or a business for either a specified length of time or until renewed or revoked.
- B. Construction - allows the applicant to erect, install, or modify a structure, fire protection system, or fire alarm system.
- C. Oil and gas well drilling.
- D. Fireworks – Stands, displays/shows
- E. Open burning.

What needs to be submitted for a construction permit?

- A. A minimum of three sets of drawings are to be submitted.
- B. Plans to be either blue or black line drawings, clear and legible.
- C. Plans shall include interior walls and rooms, with the use of all rooms identified on plan.
- D. All submittals shall include a site plan. (three copies)
- E. Site plan shall include building orientation, fire lanes, fire hydrants, and access.
- F. Only one set of specification/submittal book for fire alarm or calculations is required.
- G. Type of construction and occupancy classification shall be indicated.
- H. All submissions shall be signed by a certified design professional.
- I. List of sub-contractors with a copy of their licenses.

What inspections are required?

- 1. Fire sprinkler underground:
 - a. Visual - all underground piping and joints must be exposed, with the labeling of the pipe legible from grade. All thrust blocks uncovered and exposed to grade.
 - b. Hydrostatic test - minimum of 200 psi for two hours. No pressure drop allowed. Testing is from the gate valve to the top of the spigot.
 - c. Flush - must be witnessed by the Fire Marshal's office. Flushing must be completed prior to stacking the riser to the overhead piping.
- 2. Fire sprinkler above ground:
 - a. Verify completion of underground inspections before stacking riser.
 - b. Hydrostatic test - minimum of 200 psi for two hours. No pressure drop allowed.
 - c. System must be uncovered and visible from the floor.
 - d. All ceiling grid and framing must be in place with all drops cut to length and sprinkler heads installed.