Edwardsville Fire Department
333 S. Main Street
Edwardsville, IL 62025
Phone: 618-692-7540
Fax: 681-692-7567
firemarshal@cityofedwardsville.com

FOR CONTRACTOR USE

TO BE FORWARDED TO THE EDWARDSVILLE FIRE DEPARTMENT FOR PLAN REVIEW

Fire and Life Safety Review and Inspection Fees

Type of Review / Inspection	Estimated Cost of Work / Fee
Fire and Life Safety Plan Review Estimated Cost of Work (Cost Building)	
Site Plan Review for Fire Department Access *	$ 50.00
Underground Fire Lines Review *	$ 50.00
Sprinkler System, Fire Pump, Fire Water and Standpipe Systems Review	
Kitchen Hood Suppression System Review *	$ 50.00
Clean-Agent Fire Suppression Systems Review	
Fire Alarm Systems Review	
All Other Fire and Life Safety Reviews and Inspections	
Per Re-Inspections *	$ 50.00

* If Applicable

Revised: 11/28/2023

City of Edwardsville

Edwardsville Fire Department

Fire and Life Safety Review and Inspection Fees

The following occupancies and use groups are subject to plan review and inspection by the Fire Department. Use groups include: All (Assembly, Business, Educational, Factory/Industrial, Hazardous, Institutional, Mercantile, Storage, Utility, Miscellaneous and Residential groups R-1, R-2, and R-3).

Plan Review:
We endeavor to complete your plan review as quickly as possible. Plans are reviewed for compliance with the following adopted codes:

International Building Code – 2021 Edition
International Fire Code – 2021 Edition
NFPA 101 Life Safety Code – 2015 Edition
Illinois State Plumbing Code (NOTE: Plumber must be Illinois State Licensed)
National Electrical Code – 2020 Edition
International Mechanical Code – 2021
International Property Maintenance Code – 2021 Edition
Illinois Energy Code / International Energy Conservation Code – 2018 Edition
Americans with Disabilities Act
Illinois Accessibility Code - 2018
City Land Development Code & Zoning Ordinance

Required in all new or substantially remodeled buildings: Emergency responder communication coverage in new buildings:

NFPA 1221, Standard for the Installation, Maintenance, and Use of Emergency Services Communications Systems.

International Fire Code 2021 Edition, Section 510:
Approved in-building, two-way emergency responder communication coverage for emergency responders shall be provided in all new buildings. In-building, two-way emergency responder communication coverage within the building shall be based on the existing coverage levels of the public safety communication systems utilized by the jurisdiction, measured at the exterior of the building. This section shall not require improvement of the existing public safety communication systems.

Typical review times:

21 to 30 days from submittal.

Expedited Review Fee:

Priority review services require a $250 application fee, payable at time of submission, plus expedited plan review fees of 150% of the calculated rate, prior to issuance of comments. *The expedited review does NOT constitute expedited review for plans reviewed by the Public Works Department.*

If during plan review, additional information is requested or the required information is incomplete, the review time is suspended until the requested information is submitted and logged in at the Department of Public Works.

Inspection Scheduling:
Same day inspections are subject to availability. Inspections may be requested by calling the Fire Department at 618-692-7540 before 9:30 a.m. Monday through Friday. Inspections may be coordinated with the Public Works Building Inspectors.

Fire and Life Safety Review Fees and Required Inspections are as follows:

Fire and Life Safety Plan Review:

$75.00 review and processing fee for the first $10,000.00 of project construction cost, plus an additional $1.00 for each $1,000.00, or portion thereof, above the first $10,000.00 of project construction cost. Such fees shall include inspections throughout construction, including:

1) Temporary Stocking or Temporary Occupancy
2) Project Final Inspection and Occupancy

Reinspection or additional inspections may be subject to reinspection fees.

Site Plan Review for Fire Department Access:

$50.00 fee. No charge for site visit or reviewing re-submittals.

Underground Fire Lines Review:

$50.00 fee; includes the following:

1) Plan Review
2) Rough-In Inspection of piping and thrust-blocks
3) Hydrostatic Test with pipe covered and joints exposed
4) Witnessed Flush at flow rates as stated per NFPA 24 (contractor to provide and secure burlap bag to catch debris)

Sprinkler System, Fire Pump, Fire Water and Standpipe Systems Review:

$50.00 fee, and $2.00 for each $1,000.00, or portion thereof, of sprinkler system cost. This fee applies to new systems and modifications or upgrades of existing systems. Fee includes:

1) Plan Review
2) Rough-In Inspection before ceiling installation
3) Hydrostatic Test
4) Flow Test
5) Final Acceptance Test

Kitchen Hood Suppression System Review:

$50.00 fee for new systems, modifications, or upgrades of existing systems. Fee includes:

1) Plan Review
2) Hood Rough-in
3) Duct Light Test
4) Duct Wrap & Clean-outs
5) Fuel, Electric & Alarm Interlocks
6) Final Acceptance - Witness one (1) Wet Function Test

Clean-Agent Fire Suppression Systems Review:

$50.00 fee, and $2.00 for each $1,000.00 of system cost. This fee applies to new systems and modifications or upgrades of existing systems. Includes the following:

1) Plan review
2) Rough-In Inspection
3) Pre-action, Dead-man and Alarm Interlocks
3) Final Acceptance Test

Fire Alarm Systems Review:

$50.00 fee, and $3.00 for each $1,000.00 of alarm system cost. This fee applies to any new systems, modifications or upgrades of existing systems. Fee includes:

1) Plan Review
2) Rough-In of alarm devices and wiring (prior to ceiling cover-up)
3) Final Acceptance Test of system and devices

All Other Fire and Life Safety Reviews and Inspections:

$50.00 fee, and $3.00 for each $1,000.00 of project cost for Flammable Liquid, Hazardous Materials, Bulk Tank CO2 Storage, Compressed Gasses, LPG, Battery/Solar/Wind, Large Tent/Canopy (over 400 S.F.), canopies attached to buildings, and all other systems, installations, or modifications.

1) Plan Review
2) On-site inspection

Re-inspection Fees:

Additional re-inspections beyond the first per phase may be charged to the permittee at the rate of $50.00 for each subsequent inspection. A paid receipt must be presented at the Department of Public Works before further re-inspections will be made.

Expedited Review Fee:

Priority review services require a $250 application fee, payable at time of submission, plus expedited plan review fees of 150% of the calculated rate, prior to issuance of comments.

Failure to Permit:

Please remember, no construction work may begin, including excavation, footing, or foundation until a building permit is issued. Construction without a building permit is a violation and subject to a fine of not more than $750 for each day the violation occurs.

Occupancy Permit Required:

A Certificate of Occupancy indicating completion of work shall be obtained prior to any occupancy of a structure. Effective May 1, 2000, it is necessary to provide evidence of an Occupancy Permit in order to change the water service for new construction over from the builder's name to a new occupancy. Occupancy Permits are issued by the Public Works Department upon satisfactory completion of all City required inspections.

We thank you for taking the time to read this information. We hope it helps your building project progress smoothly. Please read and sign below. This sheet is to be returned along with your building permit packet submittal.

I have read the building permit policies for the City of Edwardsville, and I understand that I am responsible for full compliance with all of the codes, policies and inspection requirements. I agree to provide copies of the information to all sub-contractors and material suppliers and to make sure that they are aware of these codes, policies and inspections.

I understand that I am subject to an immediate "Stop Work Order" and Municipal Citation if my sub-contractors or I do not comply with these codes, policies and inspections.

The granting of a permit does not presume to give authority to violate or cancel the provisions of any other state or local law regulating the performance of construction including home owner association board approval.

Date: _____

_____
Permitee Signature

_____
Permitee Name (Printed)

Construction Information:

_____
Street Address

_____
Project 9-1-1 Address

_____
City, State, Zip Code

_____
Lot & Subdivision

_____
Daytime/Cell Phone # (Where we can reach you)

_____
Email Address (Please print clearly)

James Whiteford
Edwardsville Fire Chief

Technical Submittal

The State of Illinois passed into law, as part of the Professional Engineering Practice Act of 1989, that a fire suppression technical submission is required for every building permit that requires a fire suppression system. The legislation (225 ILCS 325/1) (from Ch. 111, par. 5201) is as follows:

> *"A building permit for a building that requires a fire suppression system shall not be issued without the submission of a technical submission prepared and sealed by a licensed design professional. Fire protection system layout documents do not require an engineering seal if prepared by a technician who holds a valid NICET level 3 or 4 certification in fire protection technology, automatic sprinkler system layout. An authority having jurisdiction may not accept fire protection system layout documents in lieu of technical submissions. Fire protection system layout documents may be submitted as supporting documents to supplement technical submissions. However, in the event the fire protection system layout documents materially alter the technical submissions, the authority having jurisdiction shall return both the fire protection layout documents and technical submissions to the licensed design professional for review."*

Based on the legislation, and the Codes and Standards Committee's recommended criteria, structures that require a fire suppression system shall submit a fire suppression technical submission as part of the building plan review. The technical submission is to address the applicable codes, pertinent requirements to the fire service, sprinkler systems, fire pumps, standpipes, small hose connections, hazard classifications and their design criteria. Fire sprinkler shop drawings produced by the contractor are not suitable to serve as the technical submission.

AUTOMATIC FIRE SPRINKLER SYSTEM TECHNICAL SUBMISSION

Project name _____

Project address _____

Owner _____

Occupant _____

Building Official _____

Fire Official _____

Year of Codes and Standards

NFPA 13_____ ed. NFPA 13R_____ ed. NFPA 13D_____ ed. Building Code_____

NFPA 14_____ed. NFPA 20_____ ed.

Local amendments applied _____ NFPA 72 _____ Other _____

Water flow test information

Date ___ _____ Location _____ Witness _____

Static pressure ____psi Residual pressure _____ psi Flow _____ GPM

Source _____ Seasonal or local adjustment_____

Water quality investigation (MIC or other) _____ Results _____

Building footprint _____ square feet Building height_____

Number of stories _____ Floor to floor height _____

Water supply Same as domestic _____ Size _____

Type of pipe which can be used _____

Risers _____ Bulk main _____

Cross main _____ Branch lines _____

Type of fittings which can be used _____

Backflow device/s required _____

Fire department connection

Type _____ Location _____

Fire pump and controller

Size _____ gpm @_____ psi Type of drive_____ Voltage _____

Location of service _____ Generator required _____

Water storage tank required _____ Type of tank _____

Location of tank _____ Size of tank _____

Standpipes required _____

Class _____ Type _____ Location/s _____

Required flows Top most outlet _____ Most remote _____ Total flow _____

Required valves 1 ½ _____ 2 ½ _____

1 ½ " hose required _____

Length of hose _____

Other _____

Page _____ of _____

Signature, seal, date

Area # 1 Type of system _____

Description of use of area or hazard _____

_____

_____

_____

Hazard classification _____ Commodity _____

Design criteria _____ gpm over _____ square feet

Area per sprinkler _____ square feet Stand pipe flow _____

Other water flow

Hose _____ gpm Outside hydrants _____ Special _____gpm

In rack or special sprinklers _____ gpm Total flow required _____

Fire pump required _____ Submit graph sheet _____ gpm at _____psi

Project name _____

Project address _____

Area # 2 Type of system _____

Description of use of area or hazard _____

_____

_____

_____

Hazard classification _____ Commodity _____

Design criteria _____ gpm over _____ square feet

Area per sprinkler _____ square feet Stand pipe flow _____

Other water flow

Hose _____ gpm Outside hydrants _____ Special _____gpm

In rack or special sprinklers _____ gpm Total flow required _____

Fire pump required _____ Submit graph sheet _____ gpm at _____psi

Area # 3 Type of system _____

Description of use of area or hazard _____

_____

_____

_____

Hazard classification _____ Commodity _____

Design criteria _____ gpm over _____ square feet

Area per sprinkler _____ square feet Stand pipe flow _____

Other water flow

Hose _____ gpm Outside hydrants _____ Special _____gpm

In rack or special sprinklers _____ gpm Total flow required _____

Fire pump required _____ Submit graph sheet _____ gpm at _____psi

Storage areas | Type of system _____

Description of use of area or hazard _____

_____

_____

Type of storage and maximum height Pallet _____ Bulk _____

Shelf _____ Bin box _____ Rack _____

Minimum aisles width _____ Maximum rack depth _____

Commodity classification _____ Encapsulated _____

Rack type Single row _____ Double row _____ Multiple row _____ Other _____

Flue spaces Longitudinal required _____ size_____ Transverse required _____ size_____

Ceiling design criteria _____ gpm over _____ square feet

Area per sprinkler _____ square feet Stand pipe flow _____

Other water flow

Hose _____ gpm Outside hydrants _____ Special _____gpm

In rack or special sprinklers _____ gpm Number of levels _____

Location _____ Type _____ Temp. rating _____ Orifice size _____

Fire pump required _____ Submit graph sheet _____ gpm at _____psi

Required accommodations for building structure

_____

_____

Storage areas | Type of system _____

Description of use of area or hazard _____

_____

_____

Type of storage and maximum height Pallet _____ Bulk _____

Shelf _____ Bin box _____ Rack _____

Minimum aisles width _____ Maximum rack depth _____

Commodity classification _____ Encapsulated _____

Rack type Single row _____ Double row _____ Multiple row _____ Other _____

Flue spaces Longitudinal required _____ size_____ Transverse required _____ size_____

Ceiling design criteria _____ gpm over _____ square feet

Area per sprinkler _____ square feet Stand pipe flow _____

Other water flow

Hose _____ gpm Outside hydrants _____ Special _____gpm

In rack or special sprinklers _____ gpm Number of levels _____

Location _____ Type _____ Temp. rating _____ Orifice size _____

Fire pump required _____ Submit graph sheet _____ gpm at _____psi

Required accommodations for building structure

_____

_____

City of Edwardsville

Date Received: _____

Building Permit Application #: _____

Estimated Cost of Work: $_____

SPRINKLER PLAN SUBMITTAL FORM

Building Name:

Building Address: **County:**

Owner's Name:

Owner's Address:

Owner's Phone Fax: E-mail:

SYSTEM DESIGNER/CONTRACTOR:

Company Name ***Illinois F. S. C. #**

Company Address

Contact Person (Designer):

Phone Fax: E-mail:

Was the System Designed and Stamped by an Illinois Registered Professional Engineer? ☐ Yes ☐ No

*** Fire Sprinkler Contractor licensing is required in Illinois for NFPA 13, and NFPA 13R systems**

GENERAL

Indicate if the installation of the proposed fire sprinkler system is (check all that apply):

☐ Required by the State-adopted NFPA Life Safety Code ☐ Required for equivalency, alternative level of protection, etc.

☐ Required by local ordinances or insurance provider ☐ Not required, system is being voluntarily installed

☐ Other

NFPA Standard used in the system design and proposed installation:

NFPA 13 *Standard for the Installation of Sprinkler Systems* Edition: _____

NFPA 13R *Standard for the Installation of Sprinkler Systems in **Residential Occupancies up to and Including Four Stories in Height*** Edition: _____

NFPA 13D *Standard for the Installation of Sprinkler Systems in **One- and Two-Family Dwellings and Manufactured Homes*** Edition: _____

The proposal represents:

☐ A new system being installed in the building ☐ Modifications to an existing system ☐ Extension of an existing system

☐ Other: _____

Construction type of building as defined by NFPA Standard #220:

☐ Fire resistive ☐ Non-combustible ☐ Ordinary ☐ Heavy timber ☐ Wood frame ☐ Mixed

BUILDING USE AND OCCUPANCY CLASSIFICATION

Occupancy classification (per NFPA Life Safety Code):

☐ Ambulatory health care *	☐ Day care center	☐ Health care *	☐ Mercantile
☐ Apartment Building	☐ Day care home	☐ Hotel/dormitory	☐ One- or two-family dwelling
☐ Assembly	☐ Detention and correctional	☐ Industrial	☐ Residential board and care
☐ Business	☐ Educational**	☐ Lodging or rooming house	☐ Storage

*** These sprinkler plans require review and approval from the Illinois Department of Public Health and should NOT be submitted to the OSFM**
****Public school sprinkler plans require review and approval from the Illinois School Board of Education and should NOT be submitted to the OSFM**

SPRINKLER PLAN SUBMITTAL FORM

Fire sprinkler occupancy hazard classification:

☐ Light hazard ☐ Ordinary hazard Group II ☐ Extra hazard Group I ☐ Storage

☐ Special occupancy ☐ Ordinary hazard Group I ☐ Extra hazard Group II

Special occupancy requirements for the system (Flammable/combustible liquids, aircraft hangars, oxidizers, etc.)? ☐ Yes ☐ No

If a storage occupancy, commodity classification:

☐ Class I ☐ Class II ☐ Class III ☐ Class IV

☐ Group A ☐ Group B ☐ Group C

Storage over 12 feet? ☐ Yes ☐ No

DESIGN SPECIFICATIONS

Type of system: ☐ Hydraulically calculated ☐ Pipe schedule (for areas 5,000 Sq. Ft. or less and existing system only)

Requirements For All Hydraulically Calculated Systems

☐ Yes ☐ No Design area of water application specified

☐ Yes ☐ No Minimum rate of water application (density) specified

☐ Yes ☐ No Area per sprinkler specified

☐ Yes ☐ No Total water requirements as calculated, including allowance for inside hose, outside hydrants, and water curtain and exposure sprinklers, specified

☐ Yes ☐ No ☐ N/A Limitations (dimension, flow, and pressure) on extended coverage or other listed special sprinklers specified

Additional Requirements For 13 Systems

☐ Yes ☐ No ☐ N/A Allowance for in-rack sprinklers provided

Additional Requirements For 13R Systems

☐ Yes ☐ No All sprinklers, up to four, within the most hydraulically demanding compartment included in the design area

☐ Yes ☐ No Minimum density at least 0.05 gpm/ft^2 to the design sprinklers

☐ Yes ☐ No Areas outside of the dwelling unit, such as garages or lobbies, protected in accordance with the design criteria of NFPA 13 or the specific design criteria of NFPA 13R

☐ Yes ☐ No ☐ N/A Domestic demand included, as part of the system demand, for systems with common domestic and fire mains

Additional Requirements For 13D Systems

☐ Yes ☐ No All sprinklers, up to two, within the most hydraulically demanding compartment included in the design area

☐ Yes ☐ No Minimum density at least 0.05 gpm/ft^2 to the design sprinklers

☐ Yes ☐ No Area per sprinkler specified

Is the Following Information Provided on Plans/Specifications?

☐ Yes ☐ No Total area protected by each system on each floor

☐ Yes ☐ No Number of sprinklers on each riser per floor

☐ Yes ☐ No Piping provisions for flushing

☐ Yes ☐ No Hydraulic data nameplate (for hydraulically designed systems)

☐ Yes ☐ No Hydraulic reference points shown on the plan that correspond with comparable reference points on the hydraulic calculation sheets

☐ Yes ☐ No Most demanding area is calculated

☐ Yes ☐ No Pipe sizes and lengths shown on the plan correspond with the sizes and lengths shown on the hydraulic calculations sheets

☐ Yes ☐ No Minimum rate of water application (density), design area of water application, in-rack sprinkler demand, and water required for inside and outside hose streams

☐ Yes ☐ No Total quantity of water and pressure required noted at a common reference point for each system

☐ Yes ☐ No Relative elevations of sprinklers, junction points, and supply or reference points

☐ Yes ☐ No Pressure loss for backflow preventor and/or meter included in hydraulic calculations

☐ Yes ☐ No ☐ N/A Total number of sprinklers on each dry pipe, preaction, combined dry pipe-preaction, or deluge system

☐ Yes ☐ No ☐ N/A Approximate capacity (in gallons) of each dry pipe system

☐ Yes ☐ No ☐ N/A Where equipment is to be installed as an addition to an existing system, enough of the existing system indicated to make all conditions clear

Additional Requirements For 13 Systems

☐ Yes ☐ No ☐ N/A If room design method is used, all unprotected wall openings throughout the floor protected

Additional Requirements For 13D Systems

☐ Yes ☐ No The minimum pipe size is ¾ in. piping system

☐ Yes ☐ No Minimum rate of water application (density) and design area of water application specified

☐ Yes ☐ No ☐ N/A Devices that restrict flow or reduce pressure, such as filtration or water softening, shown

☐ Multi-purpose

☐ Yes ☐ No ☐ N/A If the system is a multipurpose piping system and utilizes ½ in. pipe, the specific design criteria are met for the utilization of this pipe

SPRINKLER TYPE AND COVERAGE

Type of sprinkler system:

☐ Wet ☐ Dry ☐ Anti-freeze ☐ Preaction ☐ Deluge ☐ Pre-Engineered (13D)

☐ Yes ☐ No Sprinklers omitted in any area?

☐ Yes ☐ No ☐ N/A If yes, allowed per **NFPA 13** Omitted area(s) _____

☐ Yes ☐ No ☐ N/A If yes, allowed per **NFPA 13R** Omitted area(s) _____

☐ Yes ☐ No ☐ N/A If yes, allowed per **NFPA 13D** Omitted area(s) _____

13D ☐ Yes ☐ No System is a multipurpose or network system

13D ☐ Yes ☐ No All wet piping in areas that are maintained above 40°F

Area of coverage:

☐ Total ☐ Partial ☐ Special hazard ☐ Other _____

☐ Yes ☐ No All wet piping in areas that are maintained above 40° F

FIRE PUMP

☐ Yes ☐ No Fire pump provided

☐ Yes ☐ No Gallon per minute and pressure rating of the pump specified _____

Type of fire pump:

☐ Electric ☐ Diesel ☐ Gasoline ☐ LPG/LNG ☐ Steam

☐ Yes ☐ No Pump layout is in accordance with NFPA 20

WATER SUPPLY

Is the following information provided?

☐ Yes ☐ No Water test location

☐ Yes ☐ No Date and time of test

☐ Yes ☐ No Static pressure, residual pressure, and flow in gpm

☐ Yes ☐ No Flow test "conducted by" contact information on plans

☐ Yes ☐ No Size of main indicated:

☐ Dead-end main ☐ Looped main

Other sources of water supply, with pressure or elevation: _____

PRIVATE FIRE SERVICE MAINS

Is the following information provided?

☐ Yes ☐ No Sizes of mains
☐ Yes ☐ No Pipe lengths
☐ Yes ☐ No Pipe locations
☐ Yes ☐ No Weights
☐ Yes ☐ No Pipe materials
☐ Yes ☐ No Point of connection to city main

☐ Yes ☐ No Sizes, types, and locations of valves
☐ Yes ☐ No Sizes, types, and locations of valve indicators
☐ Yes ☐ No Sizes, types, and locations of regulators
☐ Yes ☐ No Sizes, types, and locations of meters
☐ Yes ☐ No Sizes, types, and locations of valve pits
☐ Yes ☐ No Depth of top of pipe laid below grade

Is the following information provided on plans/specification?

☐ Yes ☐ No Scale used
☐ Yes ☐ No Location of partitions
☐ Yes ☐ No Location and size of concealed spaces, closets, attics, and bathrooms
☐ Yes ☐ No Full-height cross-sectional of structural and ceiling construction (Except 13D)
☐ Yes ☐ No Location of fire walls (Except 13D)

SPRINKLER COMPONENTS: *Is the following information provided on plans/specification?*

Requirements For All Systems:

☐ Yes ☐ No Make, type, model, nominal K-factor of sprinklers, and sprinkler identification number
☐ Yes ☐ No Temperature rating and location of high-temperature sprinklers
☐ Yes ☐ No Pipe type and schedule of wall thickness
☐ Yes ☐ No Nominal pipe size and cutting lengths of pipe (or center-to-center dimensions)
☐ Yes ☐ No Location and size of riser nipples
☐ Yes ☐ No Type of fittings and joints and location of all welds and bends
☐ Yes ☐ No Specifications of any sections to be shop welded and type of fittings or formations to be used
☐ Yes ☐ No Type and location of hangers, sleeves, braces, and methods of securing sprinklers when applicable
☐ Yes ☐ No All control valves, check valves, drain pipes, and test connections
☐ Yes ☐ No Manufacturer, size, type of backflow preventers
☐ Yes ☐ No Is a pressure gauge indicated on the system and the supply
☐ Yes ☐ No ☐ N/A Make, type, model, and size of alarm, dry pipe, preaction, or deluge valves
☐ Yes ☐ No ☐ N/A Size and location of standpipe risers, hose outlets, hand hose, monitor nozzles, and related equipment
☐ Yes ☐ No ☐ N/A Calculation of loads for sizing and details of sway bracing
☐ Yes ☐ No ☐ N/A Setting for pressure-reducing valves
☐ Yes ☐ No ☐ N/A Type and amount of antifreeze solution used

Additional Requirements For 13R Systems

☐ Yes ☐ No ☐ N/A If there is a separate control valve for the sprinkler system, is it supervised

Additional Requirements For 13D Systems

☐ Yes ☐ No ☐ N/A If an FDC is provided, pipe meets the minimum pressure rating
☐ Yes ☐ No ☐ N/A If there is a separate control valve for sprinkler system it is supervised
☐ Yes ☐ No ☐ N/A If a pressure tank is used, a pressure gauge installed to indicate tank pressure
☐ Yes ☐ No ☐ N/A If the system is dry, a pressure gauge indicated on the system to indicate air pressure

SPRINKLER PLAN SUBMITTAL FORM

FIRE DEPARTMENT CONNECTION(S), ALARMS, FIRE HYDRANTS

Is the following information provided on plans/specification?

Required for All Systems:

☐ Yes	☐ No		Size, location, and piping arrangement of fire department connections
☐ Yes	☐ No		Size and location of hydrants (showing size and number of outlets and whether outlets to be equipped with independent gate valves)
☐ Yes	☐ No		Kind and location of alarm bells
☐ Yes	☐ No	☐ N/A	Fire alarm system connection

Additional Requirements For 13 Systems

☐ Yes	☐ No	☐ N/A	Whether hose houses and equipment are to be provided
☐ Yes	☐ No	☐ N/A	If the system is a multipurpose piping system, a sign warning of water restricting devices is specified

Additional Requirements For 13R Systems

☐ Yes	☐ No	☐ N/A	For building exceeding 2,000 ft^2 or greater than a single story, the size, location, and piping arrangement of the fire department connections indicated

NOTES / ADDITIONAL COMMENTS:

Number of sprinklers _____

Signature of Submitter	Printed Name	Date

Date Received: _____

Building Permit Application #: _____

Estimated Cost of Work: $_____

Fire Alarm Plan Submittal Form

PROPERTY INFORMATION:

Building Name _____

Building Address _____ **County:**

Owner Name _____

Owner's Address _____

Owner's Phone _____ Fax: E-mail: _____

SYSTEM DESIGNER/CONTRACTOR:

Company Name _____

Company Address _____

Contact Person (Designer): _____

Phone _____ Fax: E-mail: _____

Local Fire Department _____ **Phone Number**_____

Note: If plans are forwarded by the local fire chief, an address and telephone number should be provided indicating who can answer OSFM questions about the plans and to whom the plan should be returned to when the review is completed

BUILDING USE AND OCCUPANCY CLASSIFICATION - *PER NFPA LIFE SAFETY CODE*

☐ Ambulatory health care *	☐ Day care center	☐ Health care *	☐ Mercantile
☐ Apartment building	☐ Day care home	☐ Hotel/dormitory	☐ One- or two-family dwelling
☐ Assembly	☐ Detention and correctional	☐ Industrial	☐ Residential board and care
☐ Business	☐ Educational**	☐ Lodging or rooming house	☐ Storage

*** These plans require review and approval from the Illinois Department of Public Health and should NOT be submitted to the OSFM**
****Public school plans require review and approval from the Illinois School Board of Education and should NOT be submitted to the OSFM**

REASON FOR FIRE ALARM INSTALLATION

☐ Required by Life Safety Code
☐ Required by local ordinances
☐ Other _____
☐ Required for equivalency, alternative level of protection, etc.
☐ Not required, property owner voluntary safety improvements

Are there any known exceptions to the requirements of the NFPA Life Safety Code or to NFPA 72 included in this Fire Alarm System? ☐ Yes ☐ No

If "Yes" Please Explain in the notes section on last page

PLANS ARE FOR:

☐ New building, new fire alarm system

☐ Retrofitting a new fire alarm system within an existing building

☐ Modifying an existing fire alarm system within an existing building

☐ Other _____

Square footage covered by the alarm system: _____

Number of stories in building:

☐ One ☐ Two ☐ Three ☐ Four ☐ "High Rise" (>75 ft.) Total # of Floors _____

Is there a basement? ☐ Yes ☐ No

The Fire Alarm System is located on what level of the building:

☐ Basement ☐ First Floor ☐ Second Floor ☐ Third Floor ☐ Fourth Floor Other _____

ALARM SYSTEM TYPE (check all that apply)

☐ Manual system	☐ Point addressable system	☐ Automatic smoke and fire detect
☐ Analog addressable system	☐ Manual and automatic detection	☐ Conventional zone system
☐ Addressable system	☐ Wireless system	

ALARM SYSTEM SUPERVISION - FIRE DEPARTMENT NOTIFICATION (check all that apply)

☐ Central station system	☐ Proprietary system	☐ Remote station system
☐ Auxiliary system	☐ Local Alarm	☐ Other: _____

FIRE PROTECTION AND LIFE SAFETY SYSTEMS INTEGRATED WITH ALARM SYSTEM (check all that apply)

☐ Wet sprinkler system	☐ Clean agent suppression systems	☐ Smoke control exhaust
☐ Dry pipe sprinkler system	☐ Kitchen suppression systems	☐ Emergency generator supervisio
☐ Preaction sprinkler system	☐ Private water supply supervision	☐ Delayed egress unlocking device
☐ Deluge sprinkler system	☐ Fire pump	☐ Elevator automatic recall
☐ Standpipe	☐ Door hold-open release	☐ HVAC equipment
☐ Municipal water supply supervision	☐ Fire shutter hold-open release devices	☐ Smoke control stairway pressurization
☐ Sprinkler/standpipe supervision	☐ Other	

ALARM SIGNAL (CHECK ALL THAT APPLY)

☐ Pre-alarm notification signal	☐ Audible alarm signal
☐ Pre-recorded voice emergency notification	☐ Visual alarm signal
☐ Manual paging emergency notification	☐ Other _____

ALARM ANNUNCIATION (check all that apply)

☐ Fire alarm control panel ☐ Remote annunciator(s) ☐ Graphic panel

LOCATION OF FIRE ALARM CONTROL PANEL AND ANNUNCIATORS

☐ Are fire alarm control panel and annunciators located and accessible to emergency response personnel?

☐ Yes ☐ No

POWER EQUIPMENT FOR FIRE ALARM SYSTEM (check all that apply)

☐ AC power source circuit breaker (Dedicated)	☐ Emergency generator
☐ Secondary Public Power Source	☐ Other _____

FIRE DEPARTMENT COMMUNICATION SYSTEM (check all that apply)

- ☐ Dedicated telephone
- ☐ Bi-directional antenna (repeater) system, fire department (portable) radios
- ☐ Dedicated phone jacks and portable handsets
- ☐ Other _____

DOCUMENTATION

PROVIDE PRODUCT DATA SHEETS FOR THE FOLLOWING COMPONENTS OF THE FIRE ALARM SYSTEM

- ☐ Fire alarm control panel
- ☐ Remote annunciators
- ☐ Alarm, re-transmission equipment
- ☐ Manual pull boxes
- ☐ Smoke detection devices
- ☐ Heat detection devices
- ☐ Control modules
- ☐ Wiring & Conduit
- ☐ Audible notification devices
- ☐ Visual notification devices
- ☐ Exterior notification devices
- ☐ Remote test devices
- Protective covers
- ☐ Relays
- ☐ Power supplies
- ☐ Power boosters
- ☐ Standby batteries
- Sprinkler waterflow switches
- ☐ High/low water pressure switches
- ☐ High/low air pressure switches
- ☐ Sprinkler control valve tamper switches
- ☐ Fire pump controllers

SUBMITTED PLANS AND DOCUMENTS SHALL CONTAIN THE FOLLOWING INFORMATION OR NOTE THE LOCATION OF THE FOLLOWING EQUIPMENT AND/OR DEVICES

- • Legend of symbols & scale used
- • Room dimensions
- • Building elevations
- • Fire alarm circuits
- • Heat detection devices
- • Smoke detection devices
- • Duct smoke detection devices
- • Flame detection devices
- • Manual pull boxes
- • Notification audible devices
- • Notification visual devices
- • Exterior audible/visual devices
- • Candela rating of devices
- • F. D. communication devices
- • Fire alarm control panel
- • Fire alarm communications center
- • Remote annunciation
- • System riser diagram
- • F. A. system operational sequence
- • Standby battery calculations
- • Voltage drop calculations
- • Power supply calculations
- • Special hazards
- • System integration features

Total number of: Initiation devices _____ Warning devices _____

_____	_____	_____
Signature of Submitter	Printed Name	Date

NOTES: (FOR ADDITIONAL NOTES AND COMMENTS USE ADDITIONAL SHEETS AS NECESSARY)