

Village Of Spring Valley

200 North Main Street

Spring Valley, New York 10977

Phone: 845-352-1100 Fax: 845-356-6035

Automatic Fire Sprinkler Installation Permit Application

In accordance with the New York State Fire Prevention and Building Code, an operational permit is required to install an automatic fire sprinkler system. Plan Submittals and Installation shall be in accordance with the requirements detailed and contained in the National Fire Protection Association (NFPA) Chapter 13 – 2016 Edition and current manufacturer specifications.

The undersigned represents that this application for a permit as described herein will be in accordance with all ordinances of the Village of Spring Valley and the Fire and Building Code of New York State and that any plans or specifications submitted with this application are the plans or

Applicant & Property Information	Business Name / DBA										
	Address					Suite		City		State	Zip Code
	Telephone			Work Telephone				Email Address			
	Property Owner or Mailing Address if different from above										
	Name or DBA										
	Address					Suite		City		State	Zip Code
Installation Company / Agent to Owner	Name										
	Contact Name										
	Address					City		State	Zip Code		
	Telephone			Mobile Telephone				Work Telephone			
System Information	NFPA 13		NFPA 13 R		NFPA 13D		NEW ALTERATION		REMODEL		
	LIGHT HAZARD		ORDINARY HAZARD GROUP 1		ORDINARY HAZARD GROUP 2		EXTRA HAZARD GROUP 1		EXTRA HAZARD GROUP 2		
	NO. OF HEADS INSTALLED OR TO BE WORKED ON				NO. OF STANDPIPES				NO. OF FIRE PUMPS		
	PROPOSED STARTING DATE										
	COST OF PROJECT										
	DESCRIPTION OF WORK TO BE DONE										

specifications relating to this permit and no other.

Applicant Signature	Applicant Name (Print)	Application Date
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PERMIT NUMBER	ISSUE DATE	EXPIRATION DATE	FEE PAID	BLDG PERMIT #	AHJ	Muni.

Automatic Fire Sprinkler Plan Review Checklist

Please review and familiarize yourself with all requirements listed in this document prior to your submittal. Your compliance with these requirements will enable us to complete the review process faster and more efficiently with less rejections due to improper submittals.

General

Two (2) copies of stamped plans and One (1) electronic copy must be submitted for review.

Preferred Construction Documents Size - Sheet "D" 24" X 36" (*Fire Inspector may approve other sizes by request*)

Copies shall all be the same size, drawn in indelible ink.

Sheets that are cut and pasted, taped, or that have been altered by any means (pen, pencil, marking pen, etc.) will not be accepted for plan check.

Plans that are not legible may be rejected as unacceptable for plan review purposes.

All plans shall be **stamped** by a licensed Professional Engineer, or a Registered Architect as required by the New York State Department of Education Law with current renewal dates and "wet" signatures.

If, due to the scope of the work proposed, the plans are not required to be stamped, the plans shall be drawn utilizing accepted engineering practices and procedures. All line work and lettering shall be clear and legible.

Owner's Information Certificate must be provided.

Submittal Package Requirements

Brief Scope of work description

Hydraulic calculations – 1 Hard Copy, 1 PDF Version - Per Area

Summary Sheet– 1 Hard Copy, 1 PDF Version - Per Area

Detailed Worksheets– 1 Hard Copy, 1 PDF Version - Per Area

Graph Sheets– 1 Hard Copy, 1 PDF Version - Per Area

Hardware specification and cut sheets – highlight or indicate hardware on cut sheet(s)

All materials and devices essential to successful system operation, e.g. piping, fittings, FDC, valves, supervisory devices, etc.

(Can be submitted in either hard copy or PDF)

Title Block Information

An original signature (within the block or stamp), on each plan sheet submitted;

Applicable codes: Ensure the current codes and editions are listed on the plans.

Authority Having Jurisdiction (Village of Spring Valley Chief Fire Inspector)

Include description of occupancy and BCNYS classification and proposed use of structure(s).

All wet piping and heads shall be kept above 40 degrees F

Project location, including street address

Owner's name, address, and telephone number.

Occupant's name, address and telephone number, if different from owner.

Contractor/Professional contact name, address, telephone, fax numbers

Installation Company, address and telephone number

Fire Alarm / Automatic Fire Sprinkler signal monitoring company name, address and telephone number.

(Refer to FCNYS 903.4 and 903.4.2)

A 3"x 4" space labeled for "Fire Inspector Use Only".

This will be used for the Fire Inspectors review comments, approval stamp, date, and signature

Where the equipment is to be installed as an addition to an existing system, enough of the existing system indicated on the plans to make all conditions clear.

For hydraulically designed systems, the information on the hydraulic data nameplate.

A graphic representation of the scale used on all plans.

Name and address of contractor.

Hydraulic reference points shown on the plan that correspond with comparable reference points on the hydraulic calculation sheets.

The minimum rate of water application (density or flow or discharge pressure), the design area of water application, in-rack sprinkler demand, and the water required for hose streams both inside and outside.

The total quantity of water and the pressure required noted at a common reference point for each system.

Relative elevations of sprinklers, junction points, and supply or reference points.

If room design method is used, all unprotected wall openings throughout the floor protected.

Calculation of loads for sizing and details of sway bracing.

The setting for pressure-reducing valves.

Information about backflow preventers (manufacturer, size, type).

Information about listed antifreeze solution used (type and amount).

Size and location of hydrants showing size and number of outlets and if outlets are to be equipped with independent gate valves. Whether hose houses and equipment are to be provided, and by whom, shall be indicated. Static and residual hydrants that were used in flow tests shall be shown.

Size, location, and piping arrangement of fire department connections.

Ceiling/roof heights and slopes not shown in the full height cross section.

Edition year of NFPA 13 to which the sprinkler system is designed.

Fire Department Connection(s)

Size, location, and piping arrangement of fire department connections.

Multiple Fire Department Connections on the same building must be interconnected.

Fire Department Connection shall be within (100) one hundred foot from a hydrant.

The FDC shall be arranged to face the street, driveway or fire apparatus access route as specified by the Fire Department.

FDCs shall be arranged so the lowest point on the inlet connection is between thirty (30) and forty-two (42) inches above finished grade at its location.

Fire department connections shall be readily visible and accessible. FDC's shall not be obstructed by any landscaping, parking or storage, fences, etc. at any time.

Water Supply Capacity Information

Location and elevation of static and residual test gauge with relation to the riser reference point

Flow location

Static pressure, psi (bar)

Residual pressure, psi (bar)

Flow, gpm (L/min)

Date

Time

Name of person who conducted the test or supplied the information

Other sources of water supply, with pressure or elevation

Where a water flow test is used for the purposes of system design, the test shall be conducted no more than 12 months prior to working plan submittal unless otherwise approved by the authority having jurisdiction.

Hydraulic Calculations/Detailed Worksheets

Hydraulic calculations forms shall be submitted in accordance with NFPA 13 Chapter 2 and include a summary sheet, detailed worksheets, and a graph sheet.

Please read the information below and sign before submitting your application

Your application shall be deemed complete only if this checklist is completed and submitted along with the submittal package. Submittals not accompanied by a checklist will not be accepted. Accuracy of the submittal package, including this checklist, is the responsibility of the applicant. Failure to submit an accurate submittal package will be considered an incomplete application by the Plan Reviewer.

An incomplete submittal will result in a **HOLD**.

If work is found to have commenced without approved plans and/or a proper permit, this office reserves the right to shut down any/all portions of the entire project deemed necessary to inspect, investigate and confirm that work has been done.

If any portion of the work performed is not clearly visible or readily accessible, you will be ordered to demolish, disassemble or remove any and all obstructions regardless of the cost incurred. Failure to comply will result in the suspension/revocation of any Building or other permits related to the site.

I VERIFY THAT I DESIGNED OR DIRECTLY SUPERVISED THE DESIGN OF THIS AUTOMATIC FIRE SPRINKLER SUBMITTAL AND I VERIFY THAT SUBMITTAL REQUIREMENTS ARE ACCURATE AND TRUE TO THE BEST OF MY KNOWLEDGE.

In addition, it is understood that the installation of systems shall be made only by persons properly trained and qualified to install the specific system being provided. The installer certifies to this authority that the installation is in complete agreement with the terms of the listing and manufacturer's instructions and/or approved design plan.

Print Name

Signature

Date

NOTE: You or your representative is responsible for scheduling all inspections, including but not limited to 2 hour NFPA hydro, rough-in inspection and final acceptance testing. All paperwork must be provided at final acceptance testing inspection, including but not limited to Aboveground Piping Certificate, Owners Certificate, NYS DOH 1013 Backflow preventer form, and System Calculation Plate.

REMINDER: Compliant NFPA annual fire sprinkler inspection reports must be submitted to this office.