



GRAFTON
QUALITY LIFE. NATURALLY.

Fire Protection Plan Review Submittal Notice & FAQ's

FIRE PROTECTION PLAN REVIEW & INSPECTION IS PERFORMED BY THE VILLAGE OF GRAFTON. SUBMITTALS TO THE STATE ARE NO LONGER REQUIRED.

The Village of Grafton Inspection Office utilizes Fire Safety Consultants, Inc. (FSCI) as a “third party” agency to conduct ***plan review and inspection*** for fire protection systems. This shall apply to all fire protection systems except for the following work:

1. Twenty or fewer sprinkler heads to an existing automatic fire sprinkler system;
2. Twenty or fewer alarm devices to an existing fire alarm system.

Projects involving work on a hospital, nursing home, hospice facility or Community Based Residential Facility (CBRF). Such reviews shall be done by the Office of Plan Review and Inspection (OPRI) with the State of Wisconsin Department of Health Services (<http://www.dhs.wisconsin.gov/regulations/plan-review/index.htm>).

Fire protection systems as identified in 1 & 2 above shall be submitted directly to the Village of Grafton Inspection Office for both plan review and inspection.

All other fire protection project plans shall be submitted directly to:

Fire Safety Consultants, Inc.

2420 Alft Lane

Elgin, IL. 60124

(847) 697-1300 (office)

(847)697-1310 (fax)

info@firesafetyfsci.com

<http://www.firesafetyfsci.com/fire-protection-submittals/>

A MINIMUM OF FIVE (5) COMPLETE SETS OF CONSTRUCTION DOCUMENTS (SCALED DRAWINGS, EQUIPMENT DATA SHEETS AND CALCULATIONS) SHALL BE SUBMITTED TO FSCI ALONG WITH A COMPLETED/SIGNED DSPS SBD-118 PLAN REVIEW APPLICATION

What are the fee's charged for reviews and what do the fees include?

Fees charged for plan reviews are based on fees approved by the Village. Fire Protection Systems Permit Application fees *plus* fees charged by FSCI. Please contact FSCI to receive a quote for fees on your project. Grafton Fire Protection Systems Permit Applications are currently available at www.qualitylifegrafton.com .

Fees charged by FSCI include four (4) field inspection trips. Fees for additional trip(s) will be charged and collected by FSCI prior to the inspection(s) based on the type of inspection and estimated hours. Please contact FSCI directly to schedule field acceptance tests. Allow sufficient lead time when scheduling field tests. **NOTE: FSCI requires a min. of 72 hours notice.**

Applicants are advised that plans will not be reviewed until the plan review fee and any or all missing information has been received by FSCI. **Typical review time is 7-10 business days.** Expedited reviews can be performed for an additional fee upon request.

Where should the plan submittal be sent to?

Submittals shall be sent directly to Fire Safety Consultants at the following address:

**Fire Safety Consultants, Inc.
2420 Alft Lane
Elgin, IL. 60124**

What should be included in the submittal package?

Submittal drawings and specifications shall include the following items:

1) Underground Submittals

All design submittals for underground fire service water supply systems shall include the most current edition of these chapters: NFPA 13, NFPA 24, IFC and hydraulic calculations to provide a minimum of 1,250 GPM with a residual pressure of 20 psi whichever is greater. Hydraulic calculations shall include a water flow test report from the Village of Grafton Water Utility using the low water deduction.

NOTE: The location of all private fire hydrants shall be approved by the Village of Grafton Fire Chief. Approvals by FSCI and the Grafton Fire Department can be handled concurrently.

2) Aboveground Fire Sprinkler System Submittals

All design submittals for aboveground fire sprinkler systems shall include all required information outlined in NFPA 13 and the Wisconsin Commercial Building Code (2015 ICC Codes).

NOTE: The location of the Fire Department Connection shall be approved by the Village of Grafton Fire Chief. Approvals by FSCI and the Grafton Fire Department can be handled concurrently.

3) Fire Alarm System Submittals

All submittals for fire alarm systems shall be designed in accordance with NFPA 72 as referenced by the Wisconsin Commercial Code (2015 ICC Codes).

NOTE: The alarm panel locations must be approved by the Village of Grafton Fire Chief. Approvals by FSCI and the Grafton Fire Department can be handled concurrently.

4) Commercial Kitchen Wet Chemical System Submittals

Commercial Kitchen Wet Chemical submittals shall include all of the required information as outlined in NFPA 17A (2013) Chapter 6 as referenced by the Wisconsin Commercial Building Code (2015 ICC Codes).

5) Clean Agent Gas Suppression System Submittals

All submittals for a Clean Agent Gas Suppression System shall be designed in accordance with NFPA 2001 (2015) as referenced by the Wisconsin Commercial Building Code (2015 ICC Codes).

6) Other Fire Protection Systems

All other fire suppression and/or detection systems shall be designed in accordance with the applicable NFPA Standard and the Wisconsin Commercial Building Code (2015 ICC Codes).

7) Are there any special requirements for the sprinkler systems?

- a) Inside hose connections for storage buildings are to be placed at the main doors that lead directly to the outside. The hose system is not required to be calculated but shall be designed with a 2 ½" pipe and GPM requirements shall be accounted for in the hydraulic calculations.
- b) Building standpipe systems shall be of the wet manual design as determined by the AHJ. Standpipe systems are not required to be calculated. However, the water supply requirements for such systems shall be included in the underground capacity calculation and the sprinkler system demand and calculations.

NOTE: A completed/signed DSPS (SBD-9720 Form) Compliance Statement is required to be filed with the Village of Grafton Inspection Office prior to or at the time of scheduling a Final Inspection.



Fire Protection Systems Permit Application
Village of Grafton Community Development / Inspection Office
860 Badger Circle, Grafton, WI. 53024
p (262) 375- 5305 f (262) 375-5302
Jmicech@village.grafton.wi.us

JOB ADDRESS: _____

Type: Commercial Industrial Residential
 New Alteration (Existing System) Addition (Existing System)

CONTRACTOR INFORMATION:

Firm's name: _____ Address: _____
City/State: _____ Zip: _____ Phone: _____
Email address: _____
License holder name: _____ Lic. # _____
(Please submit the separate Contractor Information Form if not already on file)

PROPERTY OWNER INFORMATION:

Property owner's name: _____
Address of owner (if different than job address): _____
City/State: _____ Zip: _____ Phone: _____
Email address: _____

BUSINESS / LESSEE INFORMATION:

Business name: _____ Address: _____
City/State: _____ Zip: _____ Phone: _____
Owner's name: _____ Email address: _____

PROJECT INFORMATION:

Description of work: _____
Value of work: _____ **Project square footage:** _____
Please complete Project / Fee Information on reverse side

I hereby certify that all statements forms and attachments submitted hereto are true and correct to the best of my knowledge.

Name of applicant (please print): _____

Applicant signature: _____ **Date:** _____

****Request for Inspections will not be scheduled unless the Permit Number is supplied at the time of the request****

Fire Protection Systems:

MORE THAN TWENTY Sprinkler heads or devices:

Fire Protection Sprinkler Systems (reviewed & inspected by FSCI)..... \$50.00
Fire Protection Fire Alarm/Detection Systems (reviewed & inspected by FSCI)..... \$50.00
Sub-Total..... \$_____

DSPS Agent Fees: (circle one) based on square footage:

- | | | | |
|--------------------|-------|-----------------------|--------|
| 1. Less than 2,500 | \$ 5 | 8. 50,001 – 75,000 | \$ 80 |
| 2. 2,501 – 5,000 | \$ 10 | 9. 75,001 – 100,000 | \$ 110 |
| 3. 5,001 – 10,000 | \$ 15 | 10. 100,001 – 200,000 | \$ 140 |
| 4. 10,001 – 20,000 | \$ 20 | 11. 200,001 – 300,000 | \$ 330 |
| 5. 20,001 – 30,000 | \$ 25 | 12. 300,001 – 400,000 | \$ 480 |
| 6. 30,001 – 40,000 | \$ 40 | 13. 400,001 – 500,000 | \$ 630 |
| 7. 40,001 – 50,000 | \$ 55 | 14. Over 500,000 | \$ 710 |

DSPS Agent Fee..... \$_____

Make check payable to the Village of Grafton

Total Due..... \$_____

TWENTY OR FEWER Sprinkler heads to an existing automatic fire sprinkler system:

Sprinkler System: (interior) per head _____ No. of heads @ \$.30 each \$_____
First 100'-0" of main piping @ \$30.00 \$_____
Additional over 100'-0" @\$.30/lf \$_____
(Minimum Permit Fee \$30.00) Total Due \$_____

TWENTY OR FEWER Alarm devices to an existing fire alarm system:

Fire Alarm Systems: First fire alarm panel @ \$50.00 \$_____
Additional panels @ \$25.00 \$_____
Devices: ___ Horn/Strobe ___ Detector
___ Pull Station ___ Test Switch @\$.60 each \$_____
(Minimum Permit Fee \$30.00) Total Due \$_____