EFFECTIVE 9/1/17,
FIRE PROTECTION PLAN REVIEW & INSPECTION IS
PERFORMED BY THE VILLAGE OF GRAFTON. SUBMITTALS TO
THE STATE ARE NO LONGER REQUIRED.

Effective September 1, 2017, the Village of Grafton Inspection Department will utilize Fire Safety Consultants, Inc. (FSCI) as a “third party” agency to conduct **plan review and inspection** for fire protection systems. This change 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 (https://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 Department 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@firesafetyfscl.com
http://www.firesafetyfscl.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.
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 will be available after August 15, 2017, at www.qualitylifegrafton.com

Fees charged by FSCI include four (4) field inspection trips. Fees for additional inspection 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 minimum of 72 hours notice.

Applicants are advised that plans will not be reviewed until the plan review fee has been received by FSCI. **Typical review time is 7-10 working days.**

Where should plan submittal be sent?

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 information outlined in NFPA 13 (2007) sections 14.1 and 14.2, NFPA 24 chapter 4, IBC 2009 section 106.1.1, IFC (2007) section 501.3, and Appendix B or hydraulic calculations to provide a minimum of 1,250 GPM with a residual pressure of 20Psi 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 be include all required information outlined in NFPA 13 (2007) and the Wisconsin Commercial Building Code (2009 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 (2007) as referenced by the Wisconsin Commercial Building Code (2009 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 (2002) chapter 6 as referenced by the Wisconsin Commercial Building Code (2009 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 (2008) as referenced by the Wisconsin Commercial Building Code (2009 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 (2009 ICC Codes).

7. Are there any special requirements for 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 2½" pipe and the GPM requirements shall be accounted for in the hydraulic calculations.

b) Building standpipe systems design shall be 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.
Fire Protection Systems Permit Application
Village of Grafton Inspection Department
860 Badger Circle, Grafton, WI 53024-9436
p (262) 375-5305 f (262)375-5312
tjohnson@village.grafton.wi.us

JOB ADDRESS:

Type: □ Commercial  □ Industrial  □ Exempt
□ New  □ Alteration (Existing System)  □ Addition (Existing System)

PROPERTY OWNER INFORMATION:

Property owner’s name: _____________________________________________

Address of owner (if different than job address): ________________________

City/State: ______________________ Zip: _______________ Phone: ____________

If Applicable:
Lessee name: ____________________________________________ Address: ______________________

City/State: ______________________ Zip: _______________ Phone: ____________

CONTRACTOR INFORMATION:

Business name: ____________________________________________ Address: ______________________

City/State: ______________________ Zip: _______________ Phone: ____________

E-mail address: ____________________________________________

License holder: ______________________ Lic. # ______________________

(Please submit the separate Contractor Information Form, if not already on file.)

PROJECT INFORMATION:

Description of work: ____________________________________________

Value of work: $_____________________________________________

PLEASE COMPLETE & TOTAL PROJECT/FEES 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 and belief:

Name of applicant (please print): ____________________________________________

Applicant’s signature: ___________________________ Date: ________________

**Request for inspections will not be scheduled unless the permit number is supplied at the time of the request**

10/3/17
**Fire Protection Systems:**

**MORE THAN TWENTY** sprinkler heads or devices.

Fire Protection Sprinkler Systems (reviewed and inspected by FSCI) $50.00

Fire Protection Fire Alarm/Detection Systems (reviewed and inspected by FSCI) $50.00

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

<table>
<thead>
<tr>
<th>Square Footage</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Less than 2,500</td>
<td>$5</td>
</tr>
<tr>
<td>2. 2,500-5,000</td>
<td>$10</td>
</tr>
<tr>
<td>3. 5,001-10,000</td>
<td>$15</td>
</tr>
<tr>
<td>4. 10,001-20,000</td>
<td>$20</td>
</tr>
<tr>
<td>5. 20,001-30,000</td>
<td>$25</td>
</tr>
<tr>
<td>6. 30,001-40,000</td>
<td>$40</td>
</tr>
<tr>
<td>7. 40,001-50,000</td>
<td>$55</td>
</tr>
<tr>
<td>8. 50,001-75,000</td>
<td>$80</td>
</tr>
<tr>
<td>9. 75,001-100,000</td>
<td>$110</td>
</tr>
<tr>
<td>10. 100,001-200,000</td>
<td>$140</td>
</tr>
<tr>
<td>11. 200,001-300,000</td>
<td>$330</td>
</tr>
<tr>
<td>12. 300,001-400,000</td>
<td>$480</td>
</tr>
<tr>
<td>13. 400,001-500,000</td>
<td>$630</td>
</tr>
<tr>
<td>14. Over 500,000</td>
<td>$710</td>
</tr>
</tbody>
</table>

DSPS Agent Fee $______

Make check payable to: Village of Grafton

**TOTAL** $______

---

**Fire Protection Systems:**

**Twenty or fewer** sprinkler heads to an existing automatic fire sprinkler system.

**Sprinkler System:** (Interior) per head ________________________________ .30
first 100' of main ____________________________________________ 30.00
additional over 100' ____________________________ .30/ft.
(Minimum Permit fee $30.00) TOTAL $______

**Twenty or fewer** alarm devices to an existing fire alarm system.

**Fire Alarm Systems**

1st Panel $50.00
Additional panels ________________ 25.00/ea.

Devices: Horn/Strobe___, Detector___, Pull Station___, Test switch______________ .60/ea
(Minimum Permit fee $30.00) TOTAL $______

10/3/17