





Founded in 1983, Fire Safety Consultants, Inc. is an industry leader in third party fire, building, and life safety plan reviews. In addition, we provide expert code consulting on many projects worldwide, involving a vast array of fire and building code regulations. Our experienced team develops and teaches seminars on fire safety and building codes throughout the country.

We are proud to have an extensive list of long-standing clients who have chosen Fire Safety Consultants, Inc. as their third party consultants. Our company works with local authorities to resolve all their codebased questions. We strive to serve our clients with integrity and professionalism.

Our staff maintains multiple certifications from organizations such as NICET, ICC, and NFPA. FSCI's vice presidents and senior consultants are also involved in the code development process on both the state and national level.

Why do customers choose FSCI?

- > Electronic and paper plan review services available
- ➢ Fast and accurate service
- Reliable
- > Our staff's experience is hard to match
- > We follow the codes and local ordinances
- No surprise fees



- Can take on small to very large and complex projects and anything inbetween
- ➢ We can customize our services to match your needs
- Knowledgeable and friendly staff available to answer questions
- > We help develop the codes and standards, so we know how to enforce them

FSCI offers a full range of building, fire and life safety services including:

- Plan Review Services for Building, Fire, Life Safety Codes and Fire Protection Standards
- Inspections and Testing of Fire Protection Systems
- Consulting Services
- Seminars
- Fire Investigations Related to Fire Protection Systems and Equipment
- Fire Service Planning and Management
- Site Investigation Reports
- Waterflow Testing and Backflow Replacement Evaluation

Effective February 1, 2023

I. PLAN REVIEW SERVICE

All plan reviews are normally completed within 10 business days for one set fee per project discipline. FSCI may need to extend the review time on very large or complex projects for quality assurance. Please allow additional time for processing plans due to incomplete submittal information, shipping time, exceptional workload, etc. Special fees may apply for preliminary reviews.



II. EXPEDITED SERVICE

- Expedited fire protection and building plan reviews are normally completed in up to 5 business days. Inspections will be scheduled as soon as possible, if applicable.
- ➤ Add 100% to the base plan review fee including inspection fees, if applicable.
- Plan review letters will be returned as outlined in the client's procedures.
- FSCI may need to extend the review time on very large or complex projects for quality assurance.

III. INSPECTIONS

- > All fire protection **<u>inspection</u>** fees include:
 - Examples of inspections:
 - Sprinkler or underground hydrostatic test
 - Sprinkler main drain test
 - Fire alarm system 100% system acceptance test all devices
 - Suppression gas system discharge test
 - Room integrity test
 - Wet chemical system discharge test
 - Final inspection
- ▶ FSCI requests 72 hour notice for inspections.
- Additional inspection fees apply when the number of inspections needed exceeds the number of inspections paid for.
- FSCI reserves the right to charge additional inspection fees for exceptional, large, design build, phased construction, or special projects at \$120.00 per hour. Saturday and off-hour (before 8:00am or after 5:00pm) rates are \$180.00 per hour. Sunday and holiday rates are \$220.00 per hour.
- ➤ Minimum inspection fee is \$175.00.
- > Refunds or credits will not be provided for inspections that are not used.





Effective February 1, 2023

IV. ELECTRONIC PLAN REVIEW SERVICE

- > FSCI offers electronic plan review services with prior approval from our client.
- > All electronic plan reviews will be completed and distributed electronically.

Here are some advantages to Electronic Plan Review:

• Convenience Savings

- Reduced printing costs
- No longer require 3 4 sets of plans plus supporting documents
- Eliminates or significantly reduces shipping costs

• Time savings

- Eliminates dependence on UPS/FedEx, USPS, or Courier
- Reduced time in transit and handling time

• Increased Accessibility and Cloud Services

- Submit plans and check on review status 24/7
- Faster communication with our municipalities and contractors

*An \$80 convenience fee will apply for each discipline reviewed electronically.

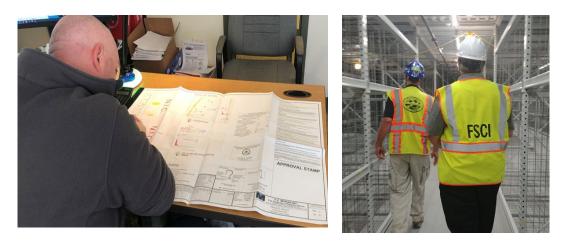
V. PLAN REVIEW AND INSPECTION SCHEDULES

Sprinkler Systems NFPA 13 and 13R Plan Review and Inspection Fees

| NUMBER OF SPRINKLERS | PLAN REVIEW FEE | PLAN REVIEW WITH INSPECTION FEE | NUMBER OF INSPECTIONS INCLUDED |
|--|--|--|--------------------------------------|
| 1 to 20 (minimum fee) | \$275.00 | \$510.00 | 2 |
| 21 to 50 | \$475.00 | \$950.00 | 3 |
| 51 to 100 | \$565.00 | \$1,155.00 | 3 |
| 101 to 150 | \$630.00 | \$1,340.00 | 3 |
| 151 to 200 | \$725.00 | \$1,430.00 | 3 |
| 201 to 300 | \$780.00 | \$1,505.00 | 3 |
| 301 to 400 | \$1,035.00 | \$1,750.00 | 3 |
| 401 to 500 | \$1,080.00 | \$1,870.00 | 3 |
| Over 500 | \$1,080.00 plus \$1.65 for each sprinkler over 500 | \$1,870.00 plus \$2.45 for each sprinkler over 500 | 3 |
| As-built drawings, when required, regardless of the number of sprinklers | | \$110.00 | |

| NUMBER OF SPRINKLERS | PLAN REVIEW FEE | PLAN REVIEW WITH INSPECTION FEE | NUMBER OF INSPECTIONS INCLUDED |
|--|--|--|--------------------------------------|
| 1 to 20 | \$215.00 | \$415.00 | 2 |
| 21 to 40 | \$260.00 | \$460.00 | 2 |
| 41 to 60 | \$270.00 | \$470.00 | 2 |
| 61 to 80 | \$280.00 | \$480.00 | 2 |
| 81 to 100 | \$285.00 | \$485.00 | 2 |
| Over 100 | \$285.00 plus \$1.50 for each sprinkler over 100 | \$485.00 plus \$2.00 for each sprinkler over 100 | 2 |
| As-built drawings, when required, regardless of the number of sprinklers | | \$110.00 | |





Existing Sprinkler System Commodity vs. Density Review Fees

| STUDY | WITHOUT SITE VISIT | WITH SITE VIST |
|---|--|---|
| Sprinkler system commodities storage parameters based on fire | \$1,045.00 per system | \$1,570.00 per system |
| sprinkler system design | Where sprinkler plans and calculations are provided | Includes design evaluation of existing fire sprinkler system |

Fire Detection and Alarm Systems Plan Review and Inspection Fees

| NUMBER OF ALARM DEVICES | PLAN REVIEW FEE | PLAN REVIEW WITH INSPECTION FEE | NUMBER OF INSPECTIONS INCLUDED |
|---|--|--|--------------------------------------|
| 1 to 20 | \$240.00 | \$465.00 | 2 |
| 21 to 40 | \$495.00 | \$875.00 | 3 |
| 41 to 60 | \$785.00 | \$1,195.00 | 3 |
| 61 to 80 | \$950.00 | \$1,385.00 | 3 |
| 81 to 100 | \$1,140.00 | \$1,595.00 | 3 |
| Over 100 | \$1,140.00 plus \$6.30 per device over 100 | \$1,595.00 plus \$9.10 per device over 100 | 3 |
| As-built drawings, when required, regardless of the number of devices | | \$110.00 | |



Standpipe, Fire Pumps and Underground Water Main Systems Plan Review and Inspection Fees

| TYPE OF SYSTEM | PLAN REVIEW FEE | PLAN REVIEW WITH INSPECTION FEE | NUMBER OF INSPECTIONS INCLUDED |
|---|-----------------|------------------------------------|--------------------------------------|
| Standpipe System | \$275.00 | \$630.00 | 2 |
| Fire Pump | \$250.00 | \$545.00 | 1 |
| Underground Fire Protection Water Main up to 5 hydrants or lead-ins | \$435.00 | \$800.00 | 2 |
| Underground Fire Protection Water Main 6 to 10 hydrants or lead-ins at same complex | \$500.00 | \$890.00 | 2 |
| Underground Fire Protection Water Main 11 and more hydrants or lead-ins at same complex | \$600.00 | \$990.00 | 2 |
| Water Tanks for Fire Protection | \$435.00 | \$800.00 | 2 |
| As-built drawings, when required, regardless of the equipment reviewed | | \$110.00 | |



Restaurant Wet Chemical Systems Plan Review and Inspection Fees

| NUMBER OF NOZZLES | PLAN REVIEW FEE | PLAN REVIEW WITH INSPECTION FEE | NUMBER OF INSPECTIONS INCLUDED |
|--|---|---|--------------------------------------|
| 1 to 10 | \$350.00 | \$575.00 | 2 |
| 11 to 20 | \$465.00 | \$770.00 | 2 |
| 21 to 30 | \$585.00 | \$935.00 | 2 |
| Over 30 | \$585.00 plus \$12.10 for each nozzle over 30 | \$935.00 plus \$17.60 for each nozzle over 30 | 2 |
| As-built drawings, when required, regardless of the equipment reviewed | | \$85.00 | |

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Clean Agent Suppression Systems or Dry Chemical Systems Plan Review and Inspection Fees*

| CUBIC FOOTAGE OF PROTECTED AREA | PLAN REVIEW FEE | PLAN REVIEW WITH INSPECTION FEE | NUMBER OF INSPECTIONS INCLUDED |
|--|--|--|--------------------------------------|
| 0 to 5,000 | \$575.00 | \$1,045.00 | 2 |
| 5,001 to 10,000 | \$695.00 | \$1,245.00 | 2 |
| Over 10,000* | \$695.00 plus \$0.10 for each cubic foot over 10,000 | \$1,245.00 plus \$0.15 for each cubic foot over 10,000 | 2 |
| As-built drawings, when required, regardless of the equipment reviewed | | \$110.00 | |

*May require additional fire alarm review and inspections.

Restaurant Mechanical Hood and Duct and Paint Spray Booth Systems Plan Review and Inspection Fees

| TYPE OF SYSTEM | PLAN REVIEW FEE | PLAN REVIEW WITH INSPECTION FEE | NUMBER OF INSPECTIONS INCLUDED |
|--|---|--|--------------------------------------|
| | \$485.00 per hood | \$985.00 per hood | |
| Mechanical Hood & Duct | \$250.00 for each additional hood reviewed at the same time and at the same building | \$500.00 for each additional hood reviewed at the same time and at the same building. | 4 |
| As-built drawings, when required, regardless of the equipment reviewed | | \$110.00 | |

FIRE CODE, LIFE SAFETY CODE and BUILDING CODE

Smoke Control/Management/Exhaust Systems Plan Review and Inspection Fees*

| TYPE OF SYSTEM | PLAN REVIEW FEE | PLAN REVIEW WITH INSPECTION FEE |
|--|------------------------------------|-----------------------------------|
| Smoke Control/Management | \$880.00 minimum fee per system | \$1,700.00 minimum fee per system |
| | Plus hourly rate after 6 hours | Plus hourly rate after 8 hours |
| As-built drawings, when required, regardless of the equipment reviewed | \$110.00 | |

*May require additional fire alarm review and inspections.

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Fire Code Plan Review and Inspection Fees

Basic Fire Code Plan Review includes General Precautions, Emergency Planning, Fire Service Features, etc., Chapters 3-10

| CUBIC FEET | PLAN REVIEW FEE | PLAN REVIEW WITH INSPECTION FEE | NUMBER OF INSPECTIONS INCLUDED |
|--------------------|--|--|--------------------------------------|
| Up to 10,000 | \$485.00 | \$985.00 | 2 |
| 10,001 to 30,000 | \$490.00 | \$1,015.00 | 3 |
| 30,001 to 60,000 | \$495.00 | \$1,045.00 | 3 |
| 60,001 to 80,000 | \$500.00 | \$1,075.00 | 3 |
| 80,001 to 100,000 | \$510.00 | \$1,110.00 | 3 |
| 100,001 to 150,000 | \$520.00 | \$1,170.00 | 3 |
| 150,001 to 200,000 | \$530.00 | \$1,280.00 | 3 |
| Over 200,000 | \$530.00 plus \$2.00 per 10,000 cu. ft. over 200,000 cu. ft. | \$1,280.00 plus \$4.00 per 10,000 cu. ft. over 200,000 cu. ft. | 3 |
| As-built drawings | | \$200.00 | |

> Special Fire Code Plan Review includes Basic plus High Hazard, Special Hazard, or Special Facilities

| CUBIC FEET | PLAN REVIEW FEES | PLAN REVIEW WITH INSPECTION FEES | NUMBER OF INSPECTIONS |
|--------------------|--|--|--------------------------|
| Up to 10,000 | \$950.00 | \$1,525.00 | 2 |
| 10,001 to 30,000 | \$960.00 | \$1,560.00 | 3 |
| 30,001 to 60,000 | \$970.00 | \$1,595.00 | 3 |
| 60,001 to 80,000 | \$980.00 | \$1,630.00 | 3 |
| 80,001 to 100,000 | \$1,000.00 | \$1,675.00 | 3 |
| 100,001 to 150,000 | \$1,010.00 | \$1,760.00 | 3 |
| 150,001 to 200,000 | \$1,020.00 | \$1,920.00 | 3 |
| Over 200,000 | \$1,020.00 plus \$2.30 per 10,000 cu. ft. over 200,000 cu. ft. | \$1,920.00 plus \$4.40 per 10,000 cu. ft. over 200,000 cu. ft. | 3 |
| As-built drawings | | \$200.00 | |

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Life Safety Code Plan Review and Inspection Fees

| CUBIC FEET | PLAN REVIEW FEES | PLAN REVIEW WITH INSPECTION FEES | NUMBER OF INSPECTIONS |
|--------------------|--|--|--------------------------|
| Up to 10,000 | \$390.00 | \$890.00 | 2 |
| 10,001 to 30,000 | \$415.00 | \$940.00 | 3 |
| 30,001 to 60,000 | \$465.00 | \$1,015.00 | 3 |
| 60,001 to 80,000 | \$510.00 | \$1,085.00 | 3 |
| 80,001 to 100,000 | \$575.00 | \$1,175.00 | 3 |
| 100,001 to 150,000 | \$700.00 | \$1,550.00 | 3 |
| 150,001 to 200,000 | \$790.00 | \$1,715.00 | 3 |
| Over 200,000 | \$790.00 plus \$2.30 per 10,000 cu. ft. over 200,000 cu. ft. | \$1,715.00 plus \$4.10 per 10,000 cu. ft. over 200,000 cu. ft. | 3 |
| As-built drawings | | \$200.00 | |

One and Two Family Dwellings Plan Review Fees

| SQUARE FEET | BUILDING | MECHANICAL | PLUMBING | ELECTRICAL | ALL DISCIPLINES |
|----------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Up to 3,000 | \$215.00 | \$215.00 | \$215.00 | \$260.00 | \$800.00 |
| Over 3,000 | Add \$.08/sq. ft. | Add \$.08/sq. ft. | Add \$.08/sq. ft. | Add \$.08/sq. ft. | Add \$.25/sq. ft. |
| As-built drawings | \$200.00 | | | | |

One and Two Family Dwellings Plan Review with Inspections Fees

| SQUARE FEET | BUILDING | MECHANICAL | PLUMBING | ELECTRICAL | ALL DISCIPLINES | NUMBER OF |
|----------------------|----------------------|-------------------|-------------------|-------------------|--------------------|------------------|
| Up to 3,000 | \$555.00 | \$555.00 | \$555.00 | \$640.00 | \$2,000.00 | 3 per discipline |
| Over 3,000 | Add \$.22/sq. ft. | Add \$.22/sq. ft. | Add \$.22/sq. ft. | add \$.22/sq. ft. | Add \$.55/sq. ft. | 3 per discipline |
| As-built drawings | \$200.00 | | | | | |

| Building | Plan | Review | Fees |
|-----------------|------|--------|------|
| | | | |

| CU. FEET | BUILDING | MECHANICAL | PUMBING | ELECTRICAL | SPECIAL USES** | ACCESSIBILTY | ENERGY |
|--------------------------|-----------|------------|-----------|------------|-------------------|--------------|-----------|
| Up to 10,000 | \$345.00 | \$345.00 | \$345.00 | \$345.00 | \$345.00 | \$345.00 | \$345.00 |
| 10,001 to 30,000 | \$415.00 | \$415.00 | \$415.00 | \$415.00 | \$415.00 | \$415.00 | \$415.00 |
| 30,001 to 60,000 | \$505.00 | \$505.00 | \$505.00 | \$505.00 | \$505.00 | \$505.00 | \$505.00 |
| 60,001 to 80,000 | \$565.00 | \$565.00 | \$565.00 | \$565.00 | \$565.00 | \$565.00 | \$565.00 |
| 80,001 to 100,000 | \$625.00 | \$625.00 | \$625.00 | \$625.00 | \$625.00 | \$625.00 | \$625.00 |
| 100,001 to 150,000 | \$825.00 | \$825.00 | \$825.00 | \$825.00 | \$825.00 | \$825.00 | \$825.00 |
| 150,001 to 200,000 | \$930.00 | \$930.00 | \$930.00 | \$930.00 | \$930.00 | \$930.00 | \$930.00 |
| Over 200,000 | \$930.00* | \$930.00* | \$930.00* | \$930.00* | \$930.00* | \$930.00* | \$930.00* |
| As-built drawings | \$200.00 | | | | | | |

*Building/Mechanical/Plumbing/Special Uses/Accessibility - \$930.00 plus \$2.40 per 10,000 cu. ft. over 200,000 cu. ft. **Special Uses include assembly, covered malls, high rise, atriums, institutional, R-1 & R-2 and high hazard occupancies





| CU. FEET | BUILDING | MECHANICAL | PUMBING | ELECTRICAL | SPECIAL USES** | ACCESSIBILTY | ENERGY |
|--------------------------|-------------|-------------|-------------|-------------|-------------------|--------------|-------------|
| Up to 10,000 | \$845.00 | \$845.00 | \$845.00 | \$845.00 | \$845.00 | \$845.00 | \$845.00 |
| 10,001 to 30,000 | \$965.00 | \$965.00 | \$965.00 | \$965.00 | \$965.00 | \$965.00 | \$965.00 |
| 30,001 to 60,000 | \$1,105.00 | \$1,105.00 | \$1,105.00 | \$1,105.00 | \$1,105.00 | \$1,105.00 | \$1,105.00 |
| 60,001 to 80,000 | \$1,215.00 | \$1,215.00 | \$1,215.00 | \$1,215.00 | \$1,215.00 | \$1,215.00 | \$1,215.00 |
| 80,001 to 100,000 | \$1,325.00 | \$1,325.00 | \$1,325.00 | \$1,325.00 | \$1,325.00 | \$1,325.00 | \$1,325.00 |
| 100,001 to 150,000 | \$1,725.00 | \$1,725.00 | \$1,725.00 | \$1,7250.00 | \$1,725.00 | \$1,725.00 | \$1,725.00 |
| 150,001 to 200,000 | \$2,030.00 | \$2,030.00 | \$2,030.00 | \$2,030.00 | \$2,030.00 | \$2,030.00 | \$2,030.00 |
| Over 200,000 | \$2,030.00* | \$2,030.00* | \$2,030.00* | \$2,030.00* | \$2,030.00* | \$2,030.00* | \$2,030.00* |
| As-built drawings | \$200.00 | | | | | | |

Building Plan Review with Inspection Fees

Above fees include three site inspections (per discipline).

*Building/Mechanical/Electrical/Plumbing/Special Uses/Accessibility - \$2,030.00 plus \$5.40 per 10.000 cu. ft. over 200,000 cu. ft. **Special Uses include assembly, covered malls, high rise, atriums institutional, R-1 & R-2 and high hazard occupancies.



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VI. FLOW TESTING

- Witnessing flow test (1 FSCI staff) and calculations per flow test - \$370.00 minimum
- Performing flow test (2 FSCI staff) and calculations per flow test - \$740.00 minimum

VII. SPECIAL PROJECTS AND SYSTEMS



Estimates available for large, designed build, special projects, special suppression, or special detection systems.



VIII. CONSULTING

- Our consulting services begin with a detailed examination of your project to ensure a clear understanding of our engagement, project scope and successful outcome. For example, we can evaluate your current fire protection systems and building features to determine whether or not the building, contents, and occupants are properly protected in accordance with all applicable codes, standards and local code requirements.
- ➤ Our team can then prepare a clear and concise written report with our findings and recommendations to bring the fire protection systems and building, fire, and life safety features into compliance with the locally or state adopted codes and standards.
 - Building, Fire, Life Safety, Hazardous Materials, Fire Protection, etc. Consulting \$170.00 per hour minimum.
 - Legal Work and Courtroom Testimony \$300.00 per hour minimum.

Effective February 1, 2023

SEMINARS

FSCI is a leader in the field of fire protection seminars for architects, engineers, building code officials, fire officials and building owners.

Many of our seminars have been taught for the Michigan Fire Inspectors Association and the Illinois Fire Inspectors Association, as well as other customers in many different states and countries.

FSCI is an ICC Preferred Provider and provides CEU's for ICC approved seminars.

We are currently approved to provide state CEU's in Michigan & Wisconsin. FSCI can apply for CEU Provider approval in any state upon request.

Some of FSCI's seminars include:

- Understanding the International Fire Code
- Fire Alarm System Plan Review
- International Building Code Concepts
- National Fire Alarm Code for the Code Official
- General Storage & ESFR Sprinklers
- Significant Changes to NFPA 72



- Kitchen Hood Wet Chemical & Mechanical Systems
- Clean Agent Suppression Systems
- NFPA 25 Inspection and Testing of Fire Protection Water Based Systems
- NFPA 72 Inspection and Testing of Fire Alarm Systems
- Significant Changes to NFPA 13

<u>Seminar Fees</u>

| LUNCH TALK PRESENTATION | | | | | | | |
|--|--------------------------------|--|--|--|--|--|--|
| Length | Instructor Fee | Book/Material Fee | | | | | |
| Up to 1 hour | None | Cost of books and materials will vary, based on the topic. | | | | | |
| | HALF DAY SEMINAR | | | | | | |
| Length | Instructor Fee | Book/Material Fee | | | | | |
| 2 hour | \$330.00 | | | | | | |
| 3 hour | \$495.00 | Cost of books and materials will vary, based on the topic. | | | | | |
| 4 hour | \$660.00 | | | | | | |
| | SINGLE & MULTIPLE DAY SEMINARS | | | | | | |
| Length | Instructor Fee | Book/Material Fee | | | | | |
| Per Day | \$1,100.00 | Cost of books and materials will vary, based on the topic. | | | | | |
| | TRAVEL EXPENSES | | | | | | |
| | | Fee | | | | | |
| Mileage, airfare, lodg allowance, p | | Travel Costs | | | | | |