

Fire & Life Safety Division

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- Before beginning the construction, alteration, repair, or changing the occupancy of a building, a substantial land structure, or any structure regulated by the state fire marshal, plans and specifications...must be submitted...for examination and approval. 13 AAC 50.027(a). No construction may begin until plans have been approved.
- ...a person who violates the provisions of AS 18.70.10 – 18.70.100 or a regulation adopted under those sections...is guilty of a Class B misdemeanor. AS 18.70.100(a).
- If any work for which a plan review and approval is required...has been started without first obtaining plan review and approval, a special processing fee will be charged. The special processing fee is an additional charge equal to the amount of the standard plan review fee for the project. Subsequent violations by the same person or business will result in an additional special processing fee multiplied by the number of previous violations. 13 AAC 50.027(c)(5).

The MSB assembly accepts a fire code deferment from the Alaska State Fire Marshal's office for the Central Mat-Su FSA and the adoption of all current and future Alaska State Fire and Life Safety regulations and related plan review fee schedules. MSB RS06-054

| | | |
|------------------|--------|------|
| Building Name | | |
| Tenant/ Occupant | | |
| Project Address | Tenant | City |

Fire Protection Systems Plan Review Requirements

| | | |
|------------------|--|--|
| Applicant's Name | Occupancy Use (select one): | Select one: |
| Company Name | <input type="checkbox"/> Assembly <input type="checkbox"/> Institutional | <input type="checkbox"/> New System |
| Mailing Address | <input type="checkbox"/> Business <input type="checkbox"/> Mercantile | <input type="checkbox"/> Renovation |
| City | <input type="checkbox"/> Education <input type="checkbox"/> Residential | |
| State Zip | <input type="checkbox"/> Factory <input type="checkbox"/> Storage | |
| Office Phone | <input type="checkbox"/> Hazard <input type="checkbox"/> Utility | |
| Cellular | Project Cost | # of Devices |
| Email | <input type="checkbox"/> Fire sprinkler system | <input type="checkbox"/> Fire alarm system |
| | <input type="checkbox"/> Hood suppression system | <input type="checkbox"/> Special hazard system |

I certify that I have read and examined this application and know the same to be true and correct. I recognize that approval of plans submitted does not presume to give approval to oversights by the Central Mat-Su Fire Department nor grant authority to violate or cancel the provisions of any other state or local law regulating this occupancy. **(When the original plans are significantly altered or modified, they shall be resubmitted and an additional plan review fee may be charged; the additional fee will be \$95.00 per hour with a 2-hour minimum.)**

Signature: _____ Date: _____
 Architect/Engineer/Designer Contractor Owner/Tenant

Plan Review Checklist: Plans (stamped by registered design professional IBC 107.1). Plan design shall be based on the 2021 IBC/IFC/IMC/IEBC code cycle. Plans must include all required information as outlined in the applicable standard(s) for the specific system installed.

In order to process the application, the submittal of the following shall be required

- | | |
|--|--|
| <input type="checkbox"/> Digital copy of plans, calcs, and data submittals | <input type="checkbox"/> One paper copy of hydraulic calculations |
| <input type="checkbox"/> Three (3) full-size paper copies of plans | <input type="checkbox"/> One paper copy of product data submittals |

Plan review requirements for suppression and/or alarm systems.

A plan review can be required by the Fire Marshal any time a fire system is changed or modified if the Fire Marshal determines a special circumstance exists which brings the system changes or modifications into question for compliance with the controlling standard.

A plan review will be required on all new fire systems whether the system is required or not.

To avoid obfuscation for ALL Fire Protection Systems; in an emergent situation, work may be performed to return a system to operational status and this office shall be notified. A full plan review may still be required depending on the work performed.

A plan review will be required for **fire sprinkler systems** under the following conditions:

- If five or more sprinkler heads are added, or if five or more heads are relocated from one branch line to another branch line
- When ten percent or more of the heads on the system are relocated for any reason
- If a Backflow device is added to the system.
- If there is an addition or relocation of ANY heads in the original remote hydraulic design area or the remote hydraulic design area changes
- Pipe schedule systems must be plan reviewed if the changes will affect pipe size anywhere other than on a branch line
- Modification or replacement of fire pump components such as but not limited to fire pumps, controllers, or piping.

A plan review will be required for **fire alarm systems** under the following conditions:

- When the fire alarm control panel is replaced
- If there is an addition of three or more devices on any loop/circuit
- If five or more devices are added, relocated, or replaced on the system

A plan review will be required for **hood suppression systems** under the following conditions:

- If appliance lineup changes
- Addition or relocation of nozzles
- If the system is relocated
- Addition of agent cylinders

A plan review will be required for **special hazard systems** under the following conditions:

- If there is any addition to the system
- If the system is relocated

In cases where changes are made to fire systems and a plan review is not required, the following actions will be required by the company/individual making the changes:

- A person holding a Level C permit must design the changes.
- A person holding a Level B or C permit must make the changes.
- The person making the changes must put a new maintenance tag on the system. The tag must contain the person's signature, permit number, and the date changes were made.
- The person who designed the changes must provide the Fire Marshal's Office with a letter no later than thirty (30) days after the changes are made explaining what was changed, a statement verifying that the changes are in compliance with the appropriate standard/code, the permit number of the person who actually made the changes, and the permit number and signature of the person who designed the changes.

Upon completion of work associated with a plan review, a final inspection will be required. Applicants shall contact the Fire Code office at least 48 hours in advance to schedule all inspections.

Each plan review will include 2 inspections at no charge. Any inspections beyond 2 will be charged at the rate of \$95.00 per hour with a 2-hour minimum.

Fire Systems requiring an acceptance test shall meet all requirements as outlined in the applicable standard(s) for the specific system installed. These will include requirements such as but not limited to:

- All required documents and signage (to include approved, stamped drawings on site).
- Section 4.4.2 of NFPA 20 2019
- Chapter 28 of NFPA 13 2019
- Chapter 14 of NFPA 72 2019
- Chapter 7 of NFPA 17A 2021
- Testing sections of standards that apply to special hazard systems