Fire Prevention
Location: 701 E 3rd AVE
Mail to: PO Box 1579 ●Moses Lake, WA 98837

Fire Detection & Alarm Systems

Please print in black or blue ink only

Project Name:_____

Scope:
This checklist pertains to the installation of automatic & manual fire detection and reporting systems.

Minimum Requirements for Construction Drawings

Plans which do not contain the minimum information required will not be accepted for plan check. Plans shall be of sufficient clarity to indicate the location, nature and extent of the work proposed and show that it will conform to the provisions of the adopted International Codes and local ordinances.

- Three (3) copies of plans (24" x 36", or 30" x 42") must be submitted for review.
- Copies shall **ALL** be the same size.
- Working drawings – scale to 1/8" = 1'.
- Shall be 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.
- Site plans – scale to 1" = 20' or 1" = 40'.
- Washington State law requires that any registered professional who prepares or supervises the preparation of drawings and construction documents stamp and sign such documents.

General

Ensure all of the following information is contained on each copy of the plans.

___Owner's name, address, and telephone

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

___Contractor / Professional contact name, address, telephone, fax, and Washington State Contractor's Electrical license.

If the full name, and contact information for the person who drew the plans is not included on the plans they will not be accepted for review.

Documentation

One set is required of the following:

___Manufacturer's literature (cut sheets) of fire alarm system components.

___Make, model, type, number and voltage of storage batteries used for secondary power and the battery discharge calculations.

___Voltage drop calculations in conductors of multi-plexing systems.

Working Drawings Floor Plans

___Compass direction and clearly marked scale.

Working Drawings Floor Plans (cont).

___Ceiling construction and reflected ceiling plan.

___Full-height cross section.

___Location or area and / or occupancy separation walls.

___Occupancy of each room or area.

___Location and size of concealed spaces and closets of questionable small enclosures in which no automatic detection is to be installed.

___Where applicable, scaled cross section representation of detector mounting locations of door closer service.

___The means of protecting alarm detection or signaling circuits from physical damage and / or overcurrent.

System Information

___Legend showing all symbols, device descriptions, size and type of outlet box and mounting heights.

___Make, model, type and location of all fire alarm annunciator panels.

___Make, model, type and location of all fire alarm panels.

___Make, model, type and location of all automatic detection or signaling devices.

___Make, model, type and location of all manual initiating devices.

___Make, model, type and location of and candela/decibel rating for all audible and /or visual alarm devices.

___Make, model, type and location of fire department command centers.

___Make, model, type and location of all door closures, smoke dampers, HVAC shut-down devices, elevator recall devices, fire protection systems monitoring devices or similar devices or equipment that affect buildings of fire protection equipment services.

___Make, model, type and location of all off premises reporting devices.

___Where applicable, the various zone designations and the areas they serve.

NOTE:

Plans shall indicate the following:

Maximum number of detection devices allowed on two wire circuits.

Maximum number of detection devices allowed on four wire circuits.

Location of sprinkler system waterflow and tamper supervision, if applicable.

Location of range hood fire suppression systems discharge contacts, and interconnection of appliance shut down if applicable.

___The source of primary power and its wiring riser diagram.

___The source of secondary power.

___The signal initiating circuits and wiring diagram, including calculations of all signal circuits for loads, wire size and length.

___Location of end of line resistors.

___For digital alarm communication transmitters, the configuration of the two separate transmission lines.

Please read the information below and sign before submitting your application. ***Unsigned applications will be rejected.***

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 package will be considered an incomplete application by the plan reviewer. An incomplete submittal will result in a HOLD. A resubmittal (new submittal package) will be required and always results in a delay.

Installation of any system component prior to the

acceptance of plans may result in a misdemeanor citation and / or civil fines of up to $1,900.00 per occurance.

NO interconnection of fire alarm systems, to included shared components or wiring, is allowed to be made to any other type of system (intrusion, building monitoring, etc.) by Moses Lake Municipal Code.

Pre-testing of systems by the installer is required. If an installer requests an alarm system inspection, and the system is not ready for inspection when Fire Department personnel arrive, and the inspection must be rescheduled then the alarm installer shall be responsible for the cost of the reinspection to the jurisdiction based on the hourly wages and benefits of the inspector.

I have completed this checklist, have read and understand all requirements, and have included the appropriate documentation with this submittal.

_____

Print Name

_____

Signature

_____

Telephone #