

Fire Alarm System Worksheet

Planning & Community Development
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Name _____

Date _____ Zone District _____

Project Description _____

Additional Submittal Requirements

You must provide the following documents as a part of your permit application submittal in addition to the documents required by the Fire Alarm Checklist applicable to your project.

Plans, cut sheets or other required materials shall be submitted for approval to the authority having jurisdiction (Shoreline Fire Department), before any equipment is installed or modified. Installing any equipment without a permit on site may result in fines.

Fire Alarm Construction Documents

- ☒ Compliant **Central Station Services** Arrangement (must comply with NFPA 72 26.3.3)
- ☒ Contractor Information
 - ☐ Provide proof of Prime Contractor's Qualifications (UUFX-tier UL listing or ETL/FM equivalent).
 - ☐ Name, phone number and/email address of the fire system designer
 - ☐ If there will be a **Change of Prime Contractor** as part of this fire alarm work, include a letter from the subscriber (the responsible party for the building) indicating:
 - The date when the previous prime contractor's service is ending and when the new prime contractor is taking over.
 - The new prime contractor's proof of qualification.
 - The new central station service contractual arrangement.
 - A new Fire Alarm permit will be required along with updated plans prior to fire alarm review and final inspection.
- ☒ Plans
 - ☐ Plans at minimum 1/8 inch = 1 foot showing scope of work with devices, wiring, end-of-lines, etc. **All shop drawings shall be per NFPA 72 sections 7.4.5 – 7.4.7 Standards.**
 - Include locations of each alarm device and the use of each room or area.
 - Ceiling heights and ceiling/roof construction detail with mounting heights of initiating devices and indicating appliances.
 - ☐ Complete NFPA 72 compliant set of Plans: **Fire alarm plans shall be designed and reviewed by a NICET level III certified fire alarm designer (or licensed Fire protection engineer).**
- ☒ Site Plan
 - ☐ A site plan with a scale no smaller than 1"= 50' showing the area surrounding the building being worked on.
 - ☐ Cover sheet of fire alarm plans that indicate compliant Central Station Services arrangements showing company responsible for: 1) service company acting as prime contractor; 2) Monitoring, retransmission of signals; 3) Record keeping and reporting; 4) Installation; 5) Testing and maintenance; 6) Runner service.

- ☐ Summary of work indicating the codes and standards used and scope of work. Make notes of devices that are required by NFPA 72, [Shoreline Municipal Fire Code](#) and any devices being added that are not required by code. Voluntary equipment must be installed as if required. Indicate scope of work to be completed by subcontractors.
- ☐ Complete input/output matrix with input signals labeled by signal types (alarm, water flow, supervisory, trouble, special system). Include signal grouping information. Show all inputs and outputs for fire alarm system, including those that are existing and those not proposed to be modified.
- ☐ Point to point wiring diagram indicating the size and number of conductors.
- ☐ Details for elevator recall, duct detectors and locations where applicable.
- ☒ Wiring Diagram
 - ☐ Must show all devices on all circuits, Fire Alarm Control Panel (FACP) power source and ground/location of End of Line Resistor (EOLR).
 - ☐ Technical specifications and details for each device incorporating into the system.
 - Address of each device
 - Source of primary power (dedicated branch circuit with identification and tamper resistance.
 - Battery calculations and voltage drop calculations for each indicating device circuit.
 - When scope of work includes riser wiring, a riser diagram is required, include the listing of the wire and fire resistance ratings of raceways and risers.

Please sign after verifying your plans comply with requirements.

Signature _____ Date _____