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## PERMIT SUBMITTAL CHECKLIST NFPA 72 FIRE ALARM SYSTEMS

**Submittal Process:** The Following items are required for a fire alarm plan review submittal. Failure to provide the following may require a Review Denial or Resubmittal. Not all listed below will be required on every project, please provided all that apply per project. \*

### **Drawings Requirements:**

*Electronic plans in .pdf format. Please submit files in an unlocked and unsecured state for plan review.*

Stamped by NICET III – Fire Alarm Systems Technician or by a Professional Engineer (PE) registered in the State of Colorado for performance-based designs.

### **CONTRACTOR INFO**

- ✓ The designer and applicant contact information needs to be included in the submittal.
- ✓ The installer's means of qualification needs to be indicated/provided, i.e., installing contractor's NICET II -Fire Alarm Systems number, manufacturer training, or an equivalent approved by PFA.

### **CODE ANALYSIS**

- ✓ 2024 International Fire Code (IFC)
- ✓ National Fire Protection Association (NFPA) 72 2022 edition
- ✓ National Electrical Code (NEC) 70 2023 edition
- ✓ Written job description
- ✓ The installation type should be indicated: new installation or modification to an existing system, i.e., conventional like-for-like swap, new addressable system, EVAC system, etc.
- ✓ Information should be provided which indicates the scope of work description
- ✓ Occupancy Classification
- ✓ Type of Construction
- ✓ Total Gross area/per story
- ✓ Number of stories
- ✓ Fully sprinkled, Partial sprinkled, non-sprinkled
- ✓ A list of the equipment to be installed is provided, i.e., the fire alarm control unit (FACU) type, secondary power supplies, initiating and notification devices, etc.
- ✓ It should be indicated if the system includes additional emergency communication systems, functions, and devices.

### **PLANS**

- ✓ Graphically indicates the location of all fire alarm system components and devices.
- ✓ Includes a graphic circuit diagram for all fire alarm system components.
- ✓ A device legend is provided, (NFPA 170)
- ✓ A sequence of operation matrix is provided.
- ✓ Riser diagram
- ✓ Battery and voltage drop calculations are provided.

### **MATERIAL SUBMITTALS**

✓ Cut sheets and manufacturer's information is provided for all the system components.

\*The above list is not intended to be inclusive of all requirements for a new sprinkler submittal, but rather a guide to indicate the minimum requirements. Refer to NFPA 72 Chapter 7 - Documentation

