



**Independence Fire Department
Fire Alarm Plan Review
2018 International Fire Code
2016 NFPA 72 – National Fire Alarm Code**

New System
Modification

Business: _____ **Plan#** _____
Address: _____ **Reviewer:** _____
Alarm Contractor: _____ **Phone:** _____
Monitoring Company: _____ **Phone:** _____
1st Routing Received: _____ **Reviewed:** _____ **AP** **NA**
2nd Routing Received: _____ **Reviewed:** _____ **AP** **NA**

Section 1 - Documentation Submittal Requirements

Yes N/A

- A. Provide booklet (Device Compatibility Document), with all new control panel installations.
- B. Provide current UL listing sheets for all devices and equipment to be installed.
- C. A Certificate of Completion document shall be completed and signed by the Installer and Servicing Company upon completion of the Project.

Section 2.1 - Alarm Plan Submittal Requirements

Yes N/A

- A. Provide three copies of plans. Plans shall list the applicable codes and standards with the editions used in the system design and the system designer identified on the plans.
- B. All symbols shall conform to NFPA 72 standards, 2010 edition.
- C. Drawings shall be legible, scaled and contain only the fire alarm components – no overlays.
- D. Provide details for conductors on the plans, including type, manufacturer, and size.

Section 2.2 - Fire Alarm Plans Shall Provide the Following Information:

Yes N/A

- A. Voltage drop calculations.
- B. Circuit, power supply (battery) calculations, standby, and alarm.
- C. Point to point configuration of all devices to the control panel.
- D. Complete sequence of operation that shows alarm, supervisory, and trouble signals per application.
- E. A complete symbol key on the building floor plan device layout pages.

Section 2.3 - Floor Plans Must Show the Following Location of:

Yes N/A

- A. End of line devices, conduit wire runs, conduit sizes.
- B. Sprinkler Riser (Flow)
- C. Post indicator valve (PIV)
- D. Tampers
- E. Control panel
- F. Annunciator
- G. Ceiling smoke/heat detectors
- H. Duct smoke detectors and remote indicator or test station locations
- I. Zones
- J. Pull Stations
- K. All audible & visual devices shall show candela & decibel ratings
- L. Magnetic door hold open devices