



VILLAGE OF ALGONQUIN

COMMUNITY DEVELOPMENT

2200 Harnish Drive

Algonquin, IL 60102

Phone (847) 658-2700 (option 3) Fax (847)658-2631

FIRE ALARM PLAN REVIEW SUBMITTAL REQUIREMENTS

In order to perform a thorough fire alarm system plan review, a minimum of two copies of the following specifications, drawings and details shall be submitted to the Village of Algonquin along with a completed Village permit application:

- Complete plans and specifications of all fire alarm work. Plans shall show job name and address plus complete contractor information including contact/designer name and contractors' state alarm license number.
- Each building in a multi-building development shall be a completely separate submittal and permit.
- Multi-tenant shell building systems shall be clearly noted on the plans.
- Each tenant space revision shall be a completely separate submittal and permit.
- Details and plans drawn to scale with sufficient clarity, details and dimensions to show the nature and extent of the work proposed including a detailed scope of work.
- Design shall be in accordance with 2018 NFPA 72 as referenced by the 2018 International Building Code with Village amendments (see Municipal Code Chapter 23.05) and the 2018 International Fire Code with Village amendments (see Municipal Code Chapter 23.07).
- Type of system and method of supervision.
- Square footage of the building or area shall be clearly shown.
- Description and locations of all rooms and uses within the building.
- Occupancy and commodity descriptions and storage arrangements. Detailed information including code sections shall be provided when deviating from code requirements.
- Initiating device floor plan indicating location, number of devices, conduit/wiring sizes and mounting details.
- Notification device floor plan indicating location, number of devices, conduit/wiring sizes and mounting details.
- Fire alarm control panel details and location.
- Remote annunciator details and location.
- Primary and secondary power details.
- Proposed zone chart or address list of devices.
- List of auxiliary or local control functions.
- Symbol schedule and diagrams.
- Voltage drop calculations for notification devices.
- Standby battery details including sizes provided and calculations. A minimum of 60 hours of standby time is required.
- Material and equipment specifications and catalog cut sheets, with the appropriate item(s) highlighted. All materials used shall be verified that they are installed in accordance with their listing.
- Duct smoke detector location and details.
- A complete sequence of operation for the system.
- Specific offsite monitoring details including name and location of receiving station and type of transmission (verify with appropriate fire code official).
- Deviations from code requirements along with an explanation.
- The Village of Algonquin is protected by three different fire protection districts depending on project location. It is recommended that the applicant contact the appropriate fire district to determine special requirements of that district before design and submittal. Call the Village to verify.
- Algonquin-LITH FPD: 847-658-8233 ■ Carpentersville FD: 847-426-2914 ■ Huntley FPD: 847-669-8284
- DO NOT SUBMIT PLANS DIRECTLY TO THE FIRE DISTRICT UNLESS INSTRUCTED TO DO SO BY THE VILLAGE.