

Fire Alarm System Checklist

The following checklist is required as per International Building Code 2003

Section 907, Sub- Section 907.1.1, Construction documents, International Fire Code 2003, Section 907, Sub-Section 907.1.1, Construction documents, NFPA 72, National Fire Alarm Code 1999.and ADA requirements. Failure to provide the Office of Code Enforcement with complete CAD or Blue Print drawings and other technical documents can result in unnecessary delays in plan review and approval of your permit application. Allow approximately 30 days for plan review to be completed.

- A copy of contractor's certificate of liability insurance listing the Township as certificate holder. The minimum amount of insurance shall be \$ 1,000,000.00.
- A copy of the executed contract between the installer and owner which indicates the scope of the proposed work.
- Three (3) sets of all plans and shop drawings; all drawings shall be legible CAD or Blue line Prints. Signed and Sealed by the responsible Pennsylvania Designed Professional, and NICET level 2 signed and seal.
- Three (3) sets of manufactures specifications / cut sheets and installation instructions for all materials, equipment, appliances, and devices to be installed. A, U.L. listing or FM approval for the proposed installation shall be indicated for all these items.

The plans indicated above shall include as a minimum;

- Building location including street address.
- Name and address and phone number of Design Professional
- Name and address and phone number of installation contractor
- Shall indicate the type of construction.

- Plans shall clearly indicate compliance with the design standards with in the 2003 IBC, 2003 IFC, NFPA 72 1999, ICC/ANSI A117.1-1998 or later version.
- Plans shall be drawn to scale, on sheets of uniform size, 24", to 30" x 36"to 42" and clearly legible.
- Plans shall indicate what type of system(s) to be installed.
- Plans shall include a device legend.
- Plans shall include an alarm input / output matrix or sequence of operation.
- Plans shall indicate the number and exact location and spacing of detection, initiating, and notification devices and components. Including mounting height and type of ceiling and structural or mechanical obstruction for ceiling mounted devices. (Include any obstruction over 80" A.F.F.).
- Plans shall include device or device wiring from FACP to all devices and shall indicate the end of line resister where applicable.
- Plans shall indicate the locations of fire alarm primary power connection(s).
- Plans shall indicate the locations of monitor / control interfaces to other systems.
- Identification of control panel.
- Location(s)
- All field wiring terminals.
- Battery calculations for secondary power supply including all electrical current needed for supervision and alarm conditions.
- Confirm battery capacity and adequate size when operation under full calculated load.
- An acceptance test is performed at the completion of the installation and a record of completion certification be submitted.