



## TOWNSHIP OF UPPER PROVIDENCE OFFICE OF THE FIRE MARSHAL

### FIRE ALARM PLAN SUBMISSION REQUIREMENTS

Fire alarm and detection systems shall be designed and installed in accordance with the following codes which are enforced in the Township of Upper Providence, Montgomery County, PA.

- 2018 International Building Code
- 2018 International Fire Code
- 2018 International Mechanical Code
- NFPA 72 (National Fire Alarm Code), 2016 Edition

Construction documents for fire alarm systems shall be submitted for review and approval prior to system installation. Construction documents shall include, but not be limited to, all of the following:

- Plans shall be to scale and include a scope of work outlining details of the project.
- Plans shall show the job name and complete address. (including suite number)
- The square foot area of the building shall be noted on the plans.
- A summary sheet or symbol list showing a device count shall be provided.
- Catalog cut sheets shall be provided and **highlighted** showing all components to be installed.
- Specific details shall be provided regarding the offsite monitoring of the system including type of transmission means and name and location of the receiving station.
- All wiring information shall be shown on the plans including size, type and all point to point wire runs.
- Complete battery back-up calculations shall be provided that clearly notes the **battery size to be provided**.
- Voltage drop calculations using the "RMS" or "UL MAX" values for notification devices shall be provided.
- All plans shall have the contractor's name, address and phone number.
- A floor plan which indicates the use of all rooms. Details of ceiling height and construction shall also be provided.
- The interface of fire safety and control functions shall be provided.

Systems and their components shall be listed and approved for the purpose for which they are installed.

**3 SETS OF COMPLETE PLANS SHALL BE SUBMITTED TO THE FIRE MARSHAL'S OFFICE FOR REVIEW. ALL PLANS SHALL CONTAIN THE ORIGINAL SIGNATURE OR VERIFIABLE THE DESIGN PROFESSIONAL. NO PHOTOCOPIES WILL BE ACCEPTED. ALL PLANS SHALL BE SIGNED AND SEALED BY EITHER A FIRE PROTECTION ENGINEER OR A DESIGN PROFESSIONAL THAT IS CERTIFIED TO A MINIMUM OF NICET LEVEL III. NO EXCEPTIONS**