



TOWNSHIP OF UPPER PROVIDENCE OFFICE OF THE FIRE MARSHAL

AUTOMATIC FIRE SPRINKLER PLANS SUBMISSION REQUIREMENTS

Automatic sprinkler systems shall be designed and installed in accordance with the following codes which are enforced in Upper Providence Township:

- 2009 International Building Code
- 2009 International Fire Code
- 2009 International Mechanical Code
- NFPA 13, 2007 Edition

Construction documents for automatic sprinkler 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:

A detailed submittal list can be found in Chapter 14 of NFPA 13, 2007 Edition.

- Plans shall be to scale and clearly show work to be done including a **detailed scope of work**.
- Plans shall show the job name and complete address. (including suite number)
- The specific type and quantity of sprinklers shall be provided on every page.
- Catalog cut sheets for all equipment including sprinklers, valves, etc. shall be provided and **highlighted**.
- Fire hydrant flow test information must be dated and **less than 1 year old**.
- Hydraulic calculations must clearly show the friction loss for the backflow preventer and include a graph curve sheet.
- All hydraulic node points shall be clearly **shown on the drawings**.
- All ceiling information including soffits, heights, construction type, slope, etc. shall be shown and noted with cross section detailed on the plans.
- Specific code sections and storage information shall be provided for all design densities over an Ordinary Group II.
- All plans shall have the contractor's name, address and phone number.
- Provide a scaled site plan clearly showing the building's fire department connection (FDC) and fire hydrant locations.

All plans shall be **signed and sealed** by either a fire protection engineer or the system designer shall be certified to a minimum of NICET Level III. **NO EXCEPTIONS.**

Three sets of plans shall be submitted to the Fire Marshal's Office