APPLIES TO:
All Deputies, Sprinkler Contractors, Designers, etc…

PURPOSE:  Standardization of Plan Review for Automatic Fire Sprinkler Systems reviewed by the State Fire Marshal Division.

PLAN REVIEW POLICIES

The following list contains the policies of the State Fire Marshals Division concerning fire sprinkler system plan review. The list is not all-inclusive. Unique situations can be reviewed on a case by case basis.

A) The following is a list of occupancies for which the State Fire Marshal Division (SFMD) does not perform plan reviews:

- Work done in a public building, the cost of which is paid for by the State or a state agency.
- Public schools (K through 12) of which the total contract value (including sprinkler systems) is more than $100,000.00, State universities, and State technical schools.
- Hospitals, Nursing Homes, and State-licensed, free standing, out-patient surgical centers.
- State Correctional Facilities
- County buildings that are reviewed and permitted by the local Authority having Jurisdiction.

Fire sprinkler plans for these facilities are normally reviewed and permitted by the Construction Code and Licensing Division (CCLD), unless subcontracted to the local authorities.

B) Sprinkler plans that are submitted to the State Fire Marshal Division will be reviewed for compliance with the requirements contained in NFPA-13 (2010 edition) and the Plan Review Policies. Working plans shall include the elements contained in Section 22.1 of NFPA 13 (2010 edition.)
C) A properly completed application form, plan review checklist and a check for the appropriate fees shall accompany all blue line plans sent to the State Fire Marshal Division for review. A permit is required for all new installations. A permit is also required for all modifications, alterations or repairs when 20 heads or more are altered or the value of the modification, alteration or repair is over $2,500. [MS 299M]

D) The State Fire Marshal Division will require one set of blue line plans and hydraulic calculations for our records. At the contractor’s option, up to two (2) extra sets of blue line plans will be reviewed, stamped, and returned. Providing blue line plans to the local Authority Having Jurisdiction is the responsibility of the sprinkler contractor.

E) All equipment in a fire protection system shall be UL Listed, Factory Mutual Approved, listed by a nationally recognized testing organization, or approved by the State Fire Marshal [NFPA 13, 6.1.1.2].

F) The State Fire Marshals Division reviews hydraulic calculations to meet minimum NFPA standards. The installing contractor is responsible for proper pipe sizing, hydraulic calculations and proper system operation. [NFPA 13, 22.3]

G) Partial sprinkler systems, meaning those required by the MSFC for a part of a whole building (i.e. large basements) shall be installed in accordance with NFPA 13 (2010 edition). Voluntary systems (those not required by the MSFC) shall be installed according to the SFMD policy on partial and voluntary systems.