



**CITY OF BLOOMINGTON**  
**Fire Prevention Division**

**STATEMENT OF POLICY**

Policy #: BFP-0001	<b>Sprinkler Plan Review Policies</b>		
Reviewed and Approved By: Gene Dugal	Title: Fire Marshal	Effective Date: September 1, 2008	Revised Date:

**PURPOSE:**

The purpose of this policy is to establish a Standardization of Plan Review for Automatic Fire Sprinkler Systems reviewed by the City of Bloomington Fire Prevention Division.

**SPRINKLER PLAN REVIEW POLICIES**

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

Sprinkler plans that are submitted to the City of Bloomington Fire Prevention Division will be reviewed for compliance with the requirements contained in the Minnesota State Fire Code, NFPA-13 (2002 edition), and the Plan Review Policies. Working plans shall include the elements contained in Section 14.1 of NFPA 13 (2002 edition.).

A properly completed application form and a check for the appropriate fees shall accompany all plans sent to the City of Bloomington Fire Prevention Division for review. A permit is required for all new installations and for all modifications, alterations or repairs.

The City of Bloomington Fire Prevention Division requires a minimum of **three sets** of plans, one set of hydraulic calculations, and one set of material specifications. All plans will be reviewed, stamped, and two sets of plans will be returned to the contractor. The sprinkler contractor shall keep one set of reviewed plans on the job site and accessible to inspectors at all times.

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 City of Bloomington Fire Marshal [NFPA 13, 6.1.1.2].

The City of Bloomington Fire Prevention 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, 14.3]

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 (2002 edition). Voluntary systems (those not required by the MSFC shall be installed according to the BFP policy on partial and voluntary systems.