



CITY OF BLOOMINGTON
Fire Prevention Division

STATEMENT OF POLICY

Policy #: BFP-0006	Sprinklers Supplied by Domestic Water		
Reviewed and Approved By: Gene Dugal	Title: Fire Marshal	Effective Date: September 1, 2008	Revised Date:

PURPOSE:

To allow limited area sprinkler protection from domestic water supplies and also provide guidance for the proper installation of such protection in both new and existing buildings.

POLICY: DOMESTIC WATER SPRINKLERS

The City of Bloomington Fire Marshal will allow the installation of sprinklers connected to the domestic water supply to protect limited areas in non-sprinklered buildings (typically six or fewer sprinklers) when these sprinklers are either required by the code or are used as an alternate means of protection.

A) Design guidelines

This policy only permits the installation of 1/2” standard spray pendent and upright sprinkler heads. Extended coverage and sidewall sprinklers are not permitted. Where a shut-off or control valve is installed, the valve shall be clearly labeled and secured in the open position to prevent tampering.

Sprinklers used for this type of protection shall be connected to domestic water lines at least 5/8” in diameter for copper or 3/4” in diameter for steel. Where four (4) or more sprinklers are used to protect a single room or area, the pipe sizes must be at least 1” in diameter. For all other requirements, sprinklers shall be installed according to appropriate standards (NFPA 13 (2002 edition)).

B) Number of sprinklers permitted in a single room

This policy permits protection of a small room or area with up to 6 sprinklers supplied from an adjacent available domestic water supply. In addition, a small system using dedicated piping can be used to protect multiple rooms or areas. Uses in accordance with this policy are not required to be hydraulically designed, but a maximum of 6 domestic water sprinklers are permitted in any one room.