



CITY OF BLOOMINGTON
Fire Prevention Division

STATEMENT OF POLICY

Policy #: BFP-0012	Fire Alarm System Requirements		
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 standardization for Fire Alarm System Requirements by the City of Bloomington Fire Prevention Division.

POLICY:

All required fire alarm systems shall be installed in accordance with Section 907 of the Minnesota State Fire Code, its Amendments, and referenced standards.

The City of Bloomington Fire Prevention Division requires a minimum of **three sets** of plans including, but not limited to, the following items: a Fire Alarm Input/Output Matrix, device type and location, field device wiring detail, fire alarm panel location(s) and type, battery calculations, and one complete set of material specifications.

Special fire alarm systems such as one for a High Rise Building may have additional requirements. Contact the Fire Marshal PRIOR to submitting any plans in these cases.

All plans will be reviewed, stamped, and two sets of plans will be returned to the contractor. The fire alarm contractor shall keep one set of reviewed plans on the job site and accessible to inspectors at all times.

The City of Bloomington Building Inspection Department may require an Electrical Permit. An electrical rough-in inspection is required prior to any fire inspection. Please contact a City of Bloomington Electrical Inspector prior to submitting a permit.

The fire alarm system shall be monitored off-site and/or sound a general evacuation signal within the building upon activation of a water-flow device or a manual pull station, and in certain situations, upon activation of a smoke or heat detector.

In a high-rise building, the alarm system shall be zoned to operate on selected floors (typically the floor of origin, 1 story above AND below the floor of origin).

The sprinkler flow and tamper functions that are required to be monitored off-site, shall transmit a signal to a central station upon activation.

Detectors in ventilation systems and equipment (air handler shut-downs, etc.) shall be on a supervisory signal, not an alarm signal, as they create a large number of false alarms. The air handlers should shut-down upon activation of the smoke detector but no general fire alarm evacuation notification should occur.