



# AUBURN HILLS FIRE DEPARTMENT



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## Fire Alarm Submittal Checklist

- Four sets of complete drawings and calculations must be submitted. Fees will be assessed in approval letter.
- Each building in a multi-building development shall be a completely separate submittal.
- Details and plans shall be drawn to scale with sufficient clarity, details and dimensions to show the nature and extent of the work proposed.
- Plans must show job name and complete address
- All plans must include the contractor's name, address and phone number.
- Design details shall be in accordance with the applicable NFPA standard as referenced by the Michigan Building Code, International Fire Code, and/or other applicable codes.
- Type of system, method of supervision and monitoring agency must be listed.
- Description and locations of all rooms and uses within the building shall be shown.
- Occupancy commodity descriptions and storage arrangements for special applications shall be provided.
- Initiating device and notification appliance floor plan indicating location, number of devices/appliances, conduit/wiring size and type, and mounting details shall be shown.
- Fire alarm control panel details and location shall be shown.
- Remote annunciator details and location shall be shown.
- Primary and secondary power details shall be provided.
- Proposed zone chart or address list of devices shall be provided.
- List of auxiliary or local control functions shall be provided.
- Symbol schedule and diagrams shall be shown.
- Voltage drop calculations using the "UL Max" values for notification appliances shall be provided.
- Standby battery details and calculations indicating the battery size shall be provided.
- Material and equipment specifications and catalog cut sheets, with the appropriate items highlighted shall be provided.

Duct smoke detector locations and details shall be shown.

A complete sequence of operation for the system shall be provided.

#### **Inspection requirements**

Electric permit from the Auburn Hills Building Department must be in place prior to inspection.

All smoke detectors must be tested with test smoke. Magnet test is not permitted.

All Central stations shall be approved by AHFD.

No on-site work will be allowed without first obtaining a permit unless expressed permission has been given by this department.

All fees must be paid prior to final detection inspection and subsequent approval