

DIVISION 16 - ADDENDUM # 1

Page 2 - July 3, 2008

Fire Alarm System

- System must be installed according to current NFPA 72 (National Fire Alarm Code), Wisconsin Administrative code section 62.0907 and the manufacturer's specifications.

Detector Locations

UL/FM approved smoke detectors are required except where room atmosphere requires the use of heat detectors.

- Provide detection devices are required in the following public areas; corridors, electrical rooms, storage areas, and mechanical areas.
- Provide interconnected hard-wired 110 volt smoke detector in both living and sleeping area installed in accordance with manufacturer's recommendations and current NFPA 72 (National Fire Alarm Code)
- Provide smoke detection and shutdown for air handling units 2000 cfm and greater
- Provide system connection to close any required smoke dampers, fire shutters or door holders on system alarm.

Automatic Fire Detection and Alarm System

- Comprised of automatic detection and manual alarm initiating devices installed in accordance with manufacturer's instructions.
- System must sound an alarm throughout the activated building area and be connected to a fire alarm control panel.
- Automatic emergency power required; U.S.A. current NFPA 72 (National Fire Alarm Code)
- Utilize "Firewire" CMR cable, installed per code
- Provide pull stations at the fire alarm panel and all exits
- Audible and visual alarms throughout the facility shall meet NFPA 72, Wis. Admin Code and ADA requirements
- Connect complete to sprinkler system alarm devices.

Fire Alarm Control Panel

Fire alarm control panel must comply with U.S. current NFPA 72 (National Fire Alarm Code) and NFPA (Life Safety Code) as directed by local fire authority. The panel must contain the following features:

- Manual general alarm or automatic detection
- Audible and visual alarm circuitry via panel and auxiliary remote power boosters
- Specific alarm zone and functioning status of the fire detection system to be indicated on LCD screen.
- System shall be supervised by a remote station (provide dialer, phone lines and one year's monitoring service in bid)
- Provide owner training in system operation and maintenance.
- Provide NFPA 72 Certificate of Completion signed by installer, building inspector and local fire chief at system commissioning.

