



John Bel Edwards
GOVERNOR

Office of State Fire Marshal

8181 Independence Blvd. Baton Rouge, LA 70806
(225) 925-4911 (800) 256-5452 Fax (225) 925-4241



H. "Butch" Browning
FIRE MARSHAL

Cautionary Codes

Project Number:	FA-21-016660
Project Name:	BOYD FUNERAL HOME

The items listed below are comments for informational purposes or identified requirements that will be verified upon final inspection by this office. These requirements need not be addressed back to the reviewer, however should be addressed prior to construction and inspection scheduling. Failure to comply with or otherwise address these items may affect final occupancy and use of the structure.

1	Scope of Work: This review applies to a new fire alarm system for a one story, 8,760 sf building with a supervised automatic sprinkler system. BUSINESS OCCUPANCY, GROUP B ASSEMBLY OCCUPANCY < 300, GROUP A-3. INDUSTIRAL OCCUPANCY, GROUP H-3.
2	ADA-ABA:215.2 and 215.3 Where emergency warning systems are provided, they shall include both audible alarms and visual alarms. (Employee work areas and offices shall be wired such that visible alarms can be installed as needed.)
3	101: 40.3.4.3.4 In high hazard industrial occupancies, as described in 40.1.2.1.3, the required fire alarm system shall automatically initiate an occupant evacuation alarm signal in accordance with 9.6.3.
4	101:9.2.1 Install smoke detectors to automatically stop the fan in HVAC duct systems over 2000 cfm in accordance with NFPA 90A:6.4.2.1(1). Where fire alarm system is required, duct detectors shall be connected to building alarm system.
5	NFPA 72:10.6.5 Connections to the light and power service shall be on a dedicated branch circuit(s). The circuit(s) and connections shall be mechanically protected. Circuit disconnecting means shall have a red marking, shall be accessible only to authorized personnel, and shall be identified in accordance with its purpose as described by NFPA 72:10.6.5.2. The location of the circuit disconnecting means shall be permanently identified at the fire alarm control unit.
6	NFPA 72:26.6.3.2.1.4 A Digital Alarm Communicator Transmitter (DACT), when installed, shall be connected to two (2) separate means of transmission at the protected premises. (Provide one telephone line along with another means of transmission - OR - provide a single means of other technology transmission listed for sole path in compliance with 72:26.6.3.1.)
7	NFPA 72:17.7.4.1 CAUTION: Detectors should not be located within 3 ft. of an air supply diffuser or return air opening.
8	NFPA 72:17.12.2 Waterflow in sprinkler systems shall be indicated within 90 seconds.
9	101:9.7.2.2 and IBC 903.4.1 Waterflow alarms shall be transmitted to an approved, proprietary alarm receiving facility, a remote station, a central station, or the fire department and the connection shall be in accordance with 9.6.1.3.
10	101:9.7.2.1 Supervisory signals shall sound and be displayed at a constantly attended location within the protected building, when not monitored at an approved, remotely located receiving facility.
11	NFPA 72:10.6.7.2 Secondary power supply shall be capable of maintaining the Fire Alarm System for a minimum of twenty-four (24) hours, and at the end of that period, shall be capable of operating all alarm notification appliances used for evacuation or to direct aid to the location of an emergency for 5 minutes. (Note: 15 minutes of alarm time is required for voice evacuation systems.)
12	101:9.6.3.6.1 The general evacuation alarm signal shall operate throughout the building.
13	101:12.3.4.2.2 The initiating device shall be capable of transmitting an alarm to a constantly attended receiving station within the building when the assembly occupancy is occupied. The alarm at the constantly attended receiving station shall be audible and visible in accordance with NFPA 101:12.3.4.3.
14	NFPA 72:12.2.4.3 The installation of all wiring, cable, and equipment shall be in accordance with NFPA 70, National Electrical Code, and specifically with Article 760. Optical fiber cables shall be protected against mechanical injury in accordance with Article 760.
15	101:38.3.4.4 Fire department notification shall be accomplished in accordance with Section 9.6.4, and the local emergency organization, if provided, shall also be notified.
16	101:38.3.4.3 and IBC 907.5 The fire alarm system, once initiated, shall sound a general alarm throughout the building in accordance with NFPA 101:9.6.3 and the IBC. A positive alarm sequence in accordance with Section 9.6.3.4 shall be permitted.

17	The signaling system is a Remote Supervising Station system and shall conform with the provisions of NFPA 72:26.5. - NFPA 72:26.5.5.1 There shall not be less than two (2) persons on duty at all times at the remote monitoring station.
18	NFPA 72:17.7.1.11 Smoke detectors shall not be installed until after the construction cleanup of all trades is complete and final. Failure to comply with this requirement could result with numerous false alarms and unnecessary replacement costs.
19	NFPA 72:10.4.4 In areas that are NOT continuously occupied, automatic smoke detection shall be provided at the location of each fire alarm control unit(s), notification appliance circuit power extenders, and supervising station transmitting equipment to provide notification of fire at that location.
20	NFPA 72:18.5.5.4.2 Visible notification devices shall flash in synchronization, where more than two are located within the field of view in the same room or adjacent space.
21	NFPA 72:7.5.3 The owner's manual, the installation instructions and as-built record drawings shall be given to the owner upon final acceptance of the system.
22	NFPA 72:10.6.7 Provide batteries with sufficient capacity to accommodate the calculated loads.