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GOVERNOR

Office of State Fire Marshal

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H. "Butch" Browning
FIRE MARSHAL

Cautionary Codes

Project Number:	AR-22-004193
Project Name:	BELLWETHER HQ

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	<p>Scope of Work: This review applies to the renovation of an existing three-story building. The scope includes selective partition demolition, new finishes, lighting, plumbing fixtures, and site work including fencing and parking. There is an existing interior stair and a new exterior stair. There is an existing exterior stair for an second floor office. The interior stair enclosure is 1-hour fire resistive construction.</p> <p>There is an existing automatic sprinkler and a fire alarm. Sprinkler and fire alarm submittals require a separate submission linked to this application.</p> <p>There is a hood suppression system in kitchen Prep 116. The hood requires a separate submission linked to this application.</p> <p>Occupancy: NFPA 101, BUSINESS IBC, GROUP B</p> <p>The calculated occupant load is approximately 142 persons.</p>
2	<p>A REVIEW FOR COMPLIANCE WITH THE FIRE PROTECTION AND EGRESS REQUIREMENTS OF CHAPTERS 9 AND 10 OF THE INTERNATIONAL BUILDING CODE IS INCLUDED IN THIS REVIEW. Review for compliance with all other requirements of the LOUISIANA STATE UNIFORM CONSTRUCTION CODE, in accordance with Act 12 of the 2005 First Extraordinary Session of the Louisiana Legislature, IS NOT INCLUDED IN THIS REVIEW. Contact the building official of the applicable political subdivision to coordinate compliance with these requirements. LRS 40:1730.23 mandates the enforcement of building codes by municipalities and parishes in Louisiana, as described by LRS 40:1730.28.</p>
3	<p>LRS 40:1731-(Effective 10/01/11) Provide access for persons with disabilities in accordance with the ADA-ABA Accessibility Guidelines, July 23, 2004 (also known as the 2010 Standards). This does not include a review for compliance with the Federal Americans with Disabilities (Civil Rights) Act of 1990. Compliance with state regulations and requirements does not guarantee compliance with federal law. NOTE: As per ADA-ABA 2004, Section F103, Office of State Fire Marshal appeal determinations are not valid for facilities that are designed, constructed, altered, or operated with federal funds, or leased by a federal agency. The authority having jurisdiction over such appeals is the administrator of the General Services Administration (GSA).</p> <p>--ADA-ABA:603.3 Mirrors located above lavatories or countertops shall be installed with the bottom edge 40" max. above the finish floor or ground.</p> <p>NOTE, 40" CLEARANCE IS TO THE BOTTOM OF THE REFLECTIVE SURFACE.</p> <p>a. ADA-ABA:216.2 Where signage identifies permanent rooms or spaces OR EXITS, the signage shall comply with Sections 703.1 - 703.5 (raised characters, Braille, visual characteristics, height).</p> <p>b. ADA-ABA:303 Thresholds shall comply with requirements of this section regarding changes in level. (Not more than 1/2" height and beveled if over 1/4")</p> <p>c. ADA-ABA:404.2.7 Handles, pulls, latches, locks, and other operable parts on doors and gates shall comply with 309.4. Hardware shall not require tight grasping, tight pinching, or twisting of the wrist to operate.</p>
4	<p>101:4.6.10.1 Buildings or portions of buildings shall be permitted to be occupied during construction, repair, alterations, or additions only if all means of egress and all fire protection features are in place and continuously maintained for the portion(s) occupied.</p>
5	<p>101:7.2.1.5 and IBC 1010.1.9 Locks on doors in means of egress shall not require the use of a key, special device or special knowledge to open in the direction of egress.</p> <p>THIS ALSO APPLIES TO EXTERIOR GATES.</p>

6	IBC 1010.1.10 Doors in a required means of egress serving any ASSEMBLY area having an occupant load of 50 or more persons shall NOT be equipped with a latch or lock other than panic hardware or fire exit hardware.
7	NFPA 37:4.1.4 Outdoor engines and their "weatherproof" housings, if provided, shall be located at least 5 feet from openings in walls and at least 5 feet from structures having combustible walls. REFERENCE P.O.R. RESPONSE LETTER DATED 4/6/2022.
8	101:38.3.1 Protect vertical openings in accordance with Section 8.6.
9	101:8.2.2.2 Fire compartments shall be formed with fire barriers that comply with Section 8.3 and are continuous in accordance with Section 8.3.1.2 from outside wall to outside wall or from one fire barrier to another, or a combination thereof, including continuity from the floor through all concealed spaces, such as those found above a ceiling, including interstitial spaces. Continuity is permitted to terminate at a ceiling, if the construction assembly of the ceiling has a fire resistance rating not less than that of the fire barrier.
10	101:8.3.5 Penetrations through rated construction shall be sealed by approved firestop systems or devices tested in accordance with ASTM E-814 or ANSI/UL 1479. a. Notify the District Office identified at the end of the attached PROJECT DATA REPORT for inspection of all completed fire and/or smoke barrier walls before any construction is installed that would conceal such construction and prevent a proper inspection. Access to randomly selected areas may be required by the inspector at time of final inspection if this notification is not given. b. Provide detailed instructive cut sheets of the fire penetration sealing system used to the inspector at time of inspection. Random selective sampling by the contractor will be observed by the inspector.
11	NOTE: HOOD CONSTRUCTION IS NOT AUTHORIZED until a satisfactory review by this office is performed for determining compliance with minimum code requirements. Compliance with NFPA 96, regarding cooking hood construction/installation, cannot be determined with the documents received. (See http://www.lasfm.org/doc/pr/prh_detail-guides.pdf for guidance). The following specific information was not apparently provided: ~ Hood and duct sizes, metal type and gauge (thickness). ~ The type of construction at the walls, attic and roof adjacent to the hood and duct. ~ The clearance between the hood and surrounding walls and ceiling. ~ The clearance between the exhaust duct and surrounding structure at the ceiling, the attic, and the roof. ~ The clearances at the exhaust fan assembly. ~ Exhaust fan and make-up air fan (CFM) capacities and duct sizes.
12	LRS 40:1574 Submit chemical fire suppression system shop drawings ON-LINE at https://lasfm.louisiana.gov/ . Such work shall not commence until shop drawings have been found to be in compliance with applicable codes by this office. LINK the "AR" (architectural project) submittal, or reference it in the PROJECT NAME. (Systems include hoods, halon, wet or dry chemical systems, etc.)
13	LRS 40:1574 Submit fire alarm system shop drawings ON-LINE at https://lasfm.louisiana.gov/ . Such work shall not commence until shop drawings have been found to be in compliance with applicable codes by this office. LINK the associated "AR" (architectural project) submittal, or reference it in the PROJECT NAME.
14	Modifications to the existing sprinkler system shall be in accordance with NFPA 13, 13R or 13D as applicable. ~ LRS 40:1574 Submit automatic sprinkler system shop drawings ON-LINE at https://lasfm.louisiana.gov/ . Such work shall not commence until shop drawings have been found to be in compliance with applicable codes by this office. LINK the associated "AR" (architectural project) submittal, or reference it in the PROJECT NAME. Note: See Interpretive Memorandum 2013-03 for submittal requirements.
15	LRS 40:1574 Submit automatic sprinkler system shop drawings ON-LINE at https://lasfm.louisiana.gov/ . Such work shall not commence until shop drawings have been found to be in compliance with applicable codes by this office. LINK the associated "AR" (architectural project) submittal, or reference it in the PROJECT NAME. Note: See Interpretive Memorandum 2013-03 for submittal requirements.
16	LAC 55:V:303.E Provide listed portable fire extinguishers in accordance with NFPA 10. (Refer to Appendix E for distribution information.)
17	101:4.6.1.4, LRS 40:1574.1.C.(1) and LRS 37:155 Shop drawings for fire protection systems, such as Fire Alarm, Sprinklers, and Suppression Systems, that are required to be submitted to this office for review, shall be reviewed and approved by the responsible "Professional of Record's" (POR = Architect / Engineer) office. The shop drawings shall be stamped with the POR's "Shop Drawing Review Stamp" or equivalent, indicating that shop drawings have been reviewed for conformance with plans, specifications, and appropriate codes before uploading them to the online system OR electronic certification through the OSFM-IMS online portal is acceptable.
18	Emergency generator systems shall comply with the provisions of NFPA 37 (2015 edition) and 110 (2013 edition). ~ NFPA 37, Standard for the Installation and Use of Stationary Combustion Engines and Gas Turbines. ~ NFPA 110, Standard for Emergency and Standby Power Systems. ~ LAC 55:V:1301.A.1 Emergency power must be provided in conformity with NFPA Code 99 for a minimum 48 hour duration for all hospitals, skilled nursing facilities or any other facility utilizing life support systems on a 24-hour day basis.

19	NFPA 110:7.7.6 Outdoor generators shall be heated as specified in Section 5.3.5.
20	101:7.2.2.2.1, 101:7.5.4.4 and IBC 1011 Stairs shall comply with the appropriate Stair table and ADA-ABA. ~ 44" minimum width. ~ 7" maximum and 4" minimum rise. ~ 11" minimum tread depth. ~ 6'-8" minimum headroom. ~ 12 feet maximum height between landings. ~ Landings (See 7.2.1.3, 7.2.1.4.3.1, 7.2.2.3.2 and IBC 1011.8). ~ Stair treads shall be uniformly slip resistant.
21	This review applies to new work indicated in the drawings and does not apply to existing non-conforming conditions.