



John Bel Edwards  
GOVERNOR

## Office of State Fire Marshal

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Daniel H. Wallis  
FIRE MARSHAL

### Cautionary Codes

<b>Project Number:</b>	AR-22-017263
<b>Project Name:</b>	712 WASHINGTON

**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/CHANGE OF OCCUPANCY of an existing two-story residential building into an apartment building with four(4) dwelling units.</p> <p>A Sprinkler system (13R) IS REQUIRED. A Fire alarm system IS NOT REQUIRED.</p> <p>LSC: APARTMENT IBC: GROUP R-2</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>LAC 55:305 Insulation and insulation assemblies shall meet the requirements of Section 720, International Building Code, 2015 Edition.</p> <p>A. Concealed and exposed insulation shall have a flame spread of 0-25 and a smoke developed of 0-450 in accordance with IBC 720.</p> <p>B. Cellulose fiber thermal insulation shall meet the requirements of paragraph IBC 720.</p> <p>C. Foam plastic insulation shall meet the requirements of IBC 720 and 2603.</p> <p>D. Thermal barriers shall protect foam plastic insulation in accordance with IBC 2603.4.</p> <p>E. Thermal barriers are not required if ignition barriers complying with IBC 2603.4.1.6 protect foam plastic insulation used in attics or crawl spaces, where entry is made only for service of utilities.</p>
4	101:24.2.4.4 Every closet door latch shall be such that it can be opened from the inside.
5	101:24.2.4.5 Bathroom door locks shall permit unlocking from outside in an emergency.
6	101:7.2.1.3 and IBC 1010.1.5 through 1010.1.7 Provide level landings outside exterior doors that are within 1/2" of the interior finish floor elevation.
7	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.
8	<p>101:8.2.3 Fire resistive-rated building assemblies shall be of a design that has been tested and listed by an approved testing laboratory for the intended application.</p> <p>~ IDENTIFY the listed assemblies that are properly tested by Underwriters Laboratories (UL), Factory Mutual (FM), or other approved testing laboratory, in writing to this reviewer PRIOR TO CONSTRUCTION. Please be advised that a failure to provide this information in a timely manner may cause substantial delays at final inspection and may adversely impact subsequent occupancy.</p>
9	<p>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.</p> <p>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.</p> <p>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.</p>

10	<p>101:30.3.5 and IBC 903 Provide supervised automatic sprinkler protection in accordance with 101:9.7.2.</p> <p>~ LRS 40:1574 Submit automatic sprinkler system shop drawings ON-LINE at <a href="https://lasfm.louisiana.gov/">https://lasfm.louisiana.gov/</a>. 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.</p> <p>Note: See Interpretive Memorandum 2013-03 for submittal requirements.</p>
11	<p>LAC 55:V:303.E Provide listed portable fire extinguishers in accordance with NFPA 10. (Refer to Appendix E for distribution information.)</p>
12	<p>101:30.3.4.5 and IBC 907.2.11.2 Approved smoke alarms powered by the house electrical service shall be installed in accordance with NFPA 101:9.6.2.10 and the IBC in every sleeping area, outside every sleeping area in the immediate vicinity of the bedrooms at every living unit and on all levels of the dwelling unit, including basements. (101:9.6.3.5 requires audible and visual alarms in accessible units). (See IM 2016-01 for clarification on low frequency signal requirement).</p>
13	<p>101:30.3.7.2 Separate dwelling units (in fully sprinklered buildings) from each other with one-half (½ HR) hour fire resistance rated construction.</p>
14	<p>101:7.1.5.1 and IBC 1003 Headroom shall be not less than 7'-6" in a means of egress with no projection less than 6'-8" nominal height from the floor. (NOTE: Ceiling height is permitted to be not less than 7'-0" from the floor in existing buildings).</p>