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Cautionary Codes



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FIRE MARSHAL

Project Number:	AR-22-019142
Project Name:	HENRY RESIDENCE

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 1,790 s.f. renovation of an existing apartment in a two-story building with three apartments.</p> <p>The apartments are separated by 1-hour fire resistive construction.</p> <p>A fire alarm system is not required.</p> <p>Occupancy: NFPA 101, 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>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>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>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>
5	<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>
6	<p>101:24.2.4.4 Every closet door latch shall be such that it can be opened from the inside.</p>
7	<p>101:24.2.4.5 Bathroom door locks shall permit unlocking from outside in an emergency.</p>
8	<p>101:7.2.1.2.3.2, 101:7.1.5.1, and IBC 1010.1.1 A doorway in a means of egress shall provide at least 32" in clear width (consider installing 36" wide doors) and at least 6'-8" in nominal height. Where a pair of doors is provided, at least one leaf shall comply with clear width requirement.</p>

9	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.
10	101:7.2.2.4.1 and IBC 1011.11 Stairs and ramps shall have handrails on both sides and shall be provided within 30 inches of all portions of the required egress width of stair.
11	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.
12	<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>
13	101:8.6.11 Draftstop concealed combustible non-sprinklered spaces between the ceiling and the floor into areas not to exceed 1,000 sq. ft.
14	101:8.6.11 Draftstop non-sprinklered, unoccupied combustible attic spaces into areas not to exceed 3,000 sq. ft. each.
15	LAC 55:V:303.E Provide listed portable fire extinguishers in accordance with NFPA 10. (Refer to Appendix E for distribution information.)
16	101:30.3.4.6 Provide carbon monoxide alarms or carbon monoxide detectors in accordance with NFPA 720 outside of each separate dwelling unit sleeping area in the immediate vicinity of the sleeping rooms and on every occupiable level of a dwelling unit in new apartment buildings, where dwelling units have communicating attached garages or where dwelling units contain permanently installed fuel-burning appliances or fuel-burning fireplaces. Where fuel-burning appliances or fuel-burning fireplaces are installed outside dwelling units, carbon monoxide alarms or carbon monoxide detectors shall be installed in accordance with the manufacturer's published instructions on the ceilings of rooms containing permanently installed fuel-burning appliances or fuel-burning fireplaces and centrally located within occupiable spaces served by the first supply air register from a permanently installed, fuel-burning HVAC system and centrally located within occupiable spaces adjacent to a communicating attached garage.
17	This review applies to new work indicated in the drawings and does not apply to existing non-conforming conditions.