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GOVERNOR

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H. "Butch" Browning
FIRE MARSHAL

Cautionary Codes

Project Number:	AR-21-020469
Project Name:	IGLESIAS CRISTIANA LINAGE DE CRISTO INC.

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 a 3,600 sf renovation to an existing 18,000 sf building. The scope of work is classified as Alteration - Level 2 per IEBC Section 504.</p> <p>Construction Type: III-B Sprinkler system: No Fire Alarm System: No</p> <p>LSC: Assembly < 300</p> <p>IBC: Assembly Group A-3</p> <p>IEBC 504.1 Scope. Level 2 alterations include the reconfiguration of space, the addition or elimination of any door or window, the reconfiguration or extension of any system, or the installation of any additional equipment.</p> <p>IEBC 504.2 Application. Level 2 alterations shall comply with the provisions of Chapter 7 for Level 1 alterations as well as the provisions of Chapter 8.</p>
2	<p>As per 28 CFR Part 36.102(e) of the September 15, 2011 Federal Register: Exemptions and exclusions. (Accessibility codes shall) not apply to any private club (except to the extent that the facilities of the private club are made available to customers or patrons of a place of public accommodation), or to any religious entity or public entity.</p> <p>It appears that the facility is operated by a private club/religious entity, therefore a review for compliance with the ADA-ABA Accessibility Guidelines has not been performed on this submittal. Please upload a written request for full ADA-ABA Accessibility Guidelines compliance review, if the exemption does NOT apply. A separate plan review application and fee will NOT be necessary.</p>
3	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.
4	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.
5	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.
6	101:7.2.1.5.10.2 and IBC 1010.1.9.4 through 1010.1.9.5 Doors shall be openable with ONLY one releasing operation. A two-step release, such as a knob and an independent slide bolt, is NOT acceptable, except under special conditions.
7	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.
8	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.

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>101:12.3.2 Separate MISC. CHAIR ROOM from other parts of the building by 1 hour fire resistive construction with self-closing 45 minute labeled door/frame assembly in accordance with Section 8.7.1 WITHOUT WINDOWS, -OR- provide automatic sprinkler protection in accordance with Section 9.7 and smoke partitions with self-closing doors in accordance with Section 8.4. (Sprinkler piping for isolated hazardous areas connected to domestic water supply shall comply with 101:9.7.1.2).</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>101:12.3.6 and IBC 1020.1 Separate corridors from use areas with minimum 1-hour construction and self-closing 20 minute labeled opening protection. Wall construction shall be in accordance with the fire barrier requirements of NFPA 101:8.3 and IBC 708.</p>
13	<p>LRS 40:1664.4 All work and inspections of fire alarm, fire suppression, automatic sprinkler and fire extinguishing systems or portable fire extinguishers shall be performed by a State of Louisiana certified agent.</p>
14	<p>LRS 40:1664.4 All work and inspections of portable fire extinguishers shall be performed by a life safety and property protection contractor licensed with the appropriate endorsement by the Office of the State Fire Marshal. Portable fire extinguishers shall be certified annually.</p> <p>~ For Inspection, see NFPA 10:7.2 ~ For Maintenance, see NFPA 10:7.3 ~ For Recharging, see NFPA 10:7.7</p>
15	<p>LRS 40:1730.45 and LAC 55:V:2601 The documentation provided for the subject facility appears to comply with The Commercial Building Energy Conservation Code based on ANSI/ASHRAE/IESNA 90.1-2007, or the International Energy Conservation Code, 2009 edition, as applicable.</p>
16	<p>101:12.3.3 Interior walls and ceilings shall have a flame spread of 0-200 and a smoke development rating of 0-450.</p>
17	<p>This review applies to new work indicated in the drawings and does not apply to existing non-conforming conditions.</p>
18	<p>NOTE: THE FOLLOWING IS A REVIEW FOR COMPLIANCE WITH THE REQUIREMENTS OF THE LOUISIANA STATE UNIFORM CONSTRUCTION CODE. THIS REVIEW IS PERFORMED AT THE REQUEST OF, AND ON BEHALF OF THE JURISDICTION IN WHICH THIS PROPOSED PROJECT IS LOCATED. This office will not be responsible for inspections to certify compliance with applicable requirements. Contact the local Building Official or a Louisiana State Uniform Construction Code Council certified third-party provider to arrange for inspections.</p> <p>Codes Referenced: 2015 International Building Code (IBC) not including Chapters 1, 11, 27, and 29 with Louisiana Amendments; 2015 International Existing Building Code (IEBC) not including Chapter 1; 2015 International Mechanical Code (IMC); 2015 International Plumbing Code (IPC) with Louisiana Amendments; 2015 International Fuel Gas Code (IFGC); 2014 National Electric Code (NEC)</p>
19	<p>Building Planning:</p> <p>a. Special Occupancy Areas: There are NO special detailed requirements.</p> <p>b. Accessory Use Areas: There is AN accessory STORAGE occupancy per IBC Section 508.2.</p> <p>c. Incidental Use Areas: There is NO incidental use area per IBC Section 509 and Table 509.</p> <p>d. Construction Type/Building Limitations: The construction type is indicated to be Type III-B per IBC Section 602. The proposed construction IS EXISTING.</p>
20	<p>Fire-Resistance-Rated Construction and Interior Finishes:</p> <p>a. Interior walls and ceiling finishes at interior exit stairways, interior exit ramps and exit passageways shall be Class A: Flame spread 0-25 smoke-developed 0-450.</p> <p>b. Interior walls and ceiling finishes at corridors and enclosure for exit access stairways and exit access ramps shall be Class A (SEE FOOTNOTES BELOW TABLE): Flame spread 0-25 smoke-developed 0-450.</p> <p>c. Interior walls and ceiling finishes at rooms and enclosed spaces shall be Class C: Flame spread 0-200; smoke-developed 0-450.</p>

21	<p>Fire Protection Systems: Refer to Life Safety Code review above for fire protection system requirements.</p>
22	<p>Means of Egress: Refer to Life Safety Code review above for means of egress requirements.</p>
23	<p>IBC 1020.5 Corridors that require protection under Table 1020.1—Corridor Fire-Resistance Rating shall not serve as the supply, return, exhaust, relief or ventilation air ducts.</p>
24	<p>Structural: THE STRUCTURE IS EXISTING</p>
25	<p>Mechanical Systems: Complete mechanical drawings were not provided for review. The nature of the work appears to be such that review of design documents will not be necessary to obtain compliance. Inspection for compliance will be performed in the field.</p> <p>IT IS ASSUMED THAT THE EXISTING EQUIPMENT WILL BE UTILIZED WITH MINOR RE-ROUTING OF EXISTING DUCTWORK.</p> <p>a. The minimum ventilation rate of outdoor air shall be determined in accordance with IMC Section 403.3.</p> <p>b. The ventilation air distribution system shall be provided with means to adjust the system to achieve at least the minimum ventilation airflow rate required. Ventilation systems shall be balanced by an approved method. Such balancing shall verify that the ventilation system is capable of supplying and exhausting the airflow rates required by Section 403, per IMC 403.3.1.5.</p> <p>c. Provide at least 50cfm continuous exhaust airflow, or 70cfm intermittent exhaust airflow, per water closet or urinal at toilet rooms per IMC Table 403.3.2.3.</p> <p>d. Flexible air ducts, both metallic and nonmetallic, shall comply with Sections 603.6.1, 603.6.1.1, 603.6.3 and 603.6.4. Flexible air connectors, both metallic and nonmetallic, shall comply with IMC Sections 603.6.2 through 603.6.4.</p> <p>e. Smoke detectors shall be installed in return air systems greater than 2000 cfm, in the return air duct or plenum upstream of any filters, exhaust air connections, outdoor air connections, or decontamination equipment and applications, per IMC 606.2.1. Where fire alarm system is required, duct detectors shall be connected to building alarm system.</p> <p>f. Fire dampers shall have a minimum 1.5 hour rating where penetrating assemblies having less than a 3-hour fire-resistance-rating. Minimum 3 hour fire damper rating is required where penetrating 3-hour fire-resistance-rated construction or greater, per IMC Section 607.3.2 (and IBC 717.3.2.1).</p>

26	<p>Plumbing Systems: Review for compliance with the requirements of the International Plumbing Code, 2015 edition, with Louisiana Amendments is performed at the request of the jurisdiction in which this proposed project is located as follows:</p> <p>a. Plumbing shall comply with the requirements of R.S. 40:1730.26 and R.S. 40:1730.28 in accordance with the 2015 International Plumbing Code with Louisiana Amendments.</p> <p>b. Required testing shall be in accordance with IPC Sections 312.2 through 312.10 with Louisiana amendments.</p> <p>c. Provide at least the minimum type(s) of rest room plumbing fixtures provided for in IPC Section 403. Required facilities shall be directly accessible to the public through direct openings or corridors from the area(s) they serve. THE FOLLOWING NUMBER OF FIXTURES ARE REQUIRED: ONE FEMALE WATER CLOSET</p> <p>d. IPC 412.3 Floor drains shall have a drain outlet not less than 2 inches in diameter.</p> <p>e. Floor drains and traps shall be equipped with an approved trap primer to maintain the water seal in accordance with RS 40:1730.28.2.A(3).</p> <p>f. IPC 420.2 Water closet bowls for public or employee toilet facilities shall be of the elongated type.</p> <p>g. IPC 420.3 Water closets shall be equipped with seats of smooth, nonabsorbent material. All seats of water closets provided for public or employee toilet facilities shall be of the hinged open-front type. Integral water closet seats shall be of the same material as the fixture. Water closet seats shall be sized for the water closet bowl type.</p> <p>h. IPC 605.2.1 All potable water pipes, fittings, valves, and fixtures used to provide water for human consumption shall be lead free and shall be evaluated and listed as conforming with NSF/ANSI 372. Any solder or flux which is used in the installation or repair of any public water system or any plumbing in a residential or nonresidential facility providing water for human consumption shall be lead free.</p> <p>The lead-free requirement above shall not apply to:</p> <p>(a). leaded joints necessary for the repair of existing cast iron pipes;</p> <p>(b). fire hydrants, pipes, pipe fittings, plumbing fittings, or fixtures, including backflow preventers, that are used exclusively for nonpotable services such as manufacturing, industrial processing, irrigation, outdoor watering, or any other uses where the water is not anticipated to be used for human consumption; or</p> <p>(c). toilets, bidets, urinals, fill valves, flushometer valves, tub fillers, shower valves, service saddles, or water distribution main gate valves that are 2 inches in diameter or larger.</p> <p>i. IPC 906 Vent pipes shall be sized in accordance with Chapter 9, Table 906.1, coordinate with the local building official.</p>
27	Fuel Gas: NO NEW WORK INDICATED, NOT REVIEWED
28	<p>Electrical Systems:</p> <p>a. NEC 210.8(B) Other Than Dwelling Units. Provide GFCI protection for personnel at ALL 125-volt, single-phase, 15- and 20-ampere receptacles installed in the following locations:</p> <ul style="list-style-type: none"> ~ Bathrooms ~ Rooftops ~ Outdoors ~ Sinks where receptacles are installed within 6 ft of the outside edge of the sink ~ Indoor wet locations <p>b. NEC 440.12 Provide a disconnecting means for air-conditioning and refrigerating equipment.</p>