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GOVERNOR

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Cautionary Codes



H. "Butch" Browning
FIRE MARSHAL

Project Number:	AR-16-016419
Project Name:	PENTECOST MISSIONARY BAPTIST CHURCH

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 is for A NEW 600 sf garage/storage building. There is no power or lighting indicated at this facility.</p> <p>Classification of Work: New Construction Construction Type: III-B Sprinkler system: No Fire Alarm System: No</p> <p>LSC: STORAGE</p> <p>IBC: STORAGE GROUP S-1</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	<p>High hazard storage (including oxidizers) or processes are not included in this review. If this facility is planning to handle or store materials of this nature, then plans and details shall be resubmitted for review prior to starting construction.</p>
4	<p>101:7.5.2.1 and IBC 1014.2 Egress shall not be through a room subject to locking in the direction of egress.</p>
5	<p>101:7.2.1.3 and IBC 1008.1.5 through 1008.1.7 Provide level landings outside exterior doors that are within 1/2" of the interior finish floor elevation.</p>
6	<p>LAC 55:V:303.D Provide listed portable fire extinguishers in accordance with NFPA 10. (Refer to Appendix E for distribution information.)</p> <p>~ NFPA 10:5.2 Classifications for fires:</p> <p>Class A fires-fires in ordinary combustible materials, such as wood, cloth, paper, rubber and many plastics. Class B fires-fires in flammable liquids, combustible liquids, petroleum greases, tars. oils, oil-based paints, solvents, lacquers, alcohols and flammable gases. Class C fires-fires that involve energized electrical equipment. Class D fires-fires in combustible metals, such as magnesium, titanium, zirconium, sodium, lithium, and potassium. Class K fires-fires in cooking appliances that involve combustible cooking media (vegetable or animal oils and fats.) (FOR USE ONLY AFTER ASSOCIATED FIRE SUPPRESSION SYSTEM HAS ACTIVATED AND ELECTRICAL POWER TO THE COOKING APPLIANCES HAS SHUNTED)</p>

7	<p>NFPA 10:6.2.1.2 Provide portable fire extinguishers within the following travel distances; rectilinear route measure:</p> <ul style="list-style-type: none"> ~ Travel distance to a fire extinguisher shall not exceed 75 feet for Class A, C and D fires. See Table 10:6.2.1.1 and NFPA 10:6.4 and 10:6.5. ~ Travel distance to a fire extinguisher shall not exceed 30 feet for Class B fires (liquids). (May be increased to 50 feet for Light (low) Hazard fires with 10-B extinguisher, for Ordinary (moderate) Hazard fires with 20-B extinguisher, and for Extra (high) Hazard fires with 80-B extinguisher). See Table 10:6.3.1.1. ~ Travel distance to a fire extinguisher shall not exceed 30 feet for Class K fires (cooking appliances). See NFPA 10:6.6. <p>For classification of Hazards see NFPA 10:5.4.1.1 (Light/Low), 10:5.4.1.2 (Ordinary/Moderate): 10:5.4.1.3 (Extra/High).</p>
8	<p>NFPA 10:6.1.3.3.1 Fire extinguishers shall not be obstructed or obscured from view.</p>
9	<p>NFPA 10:6.1.3.1 Fire extinguishers shall be conspicuously located where they will be readily accessible and immediately available in the event of fire. Preferably they shall be located along normal paths of travel, including exits from areas.</p>
10	<p>NFPA 10:6.1.3.8 Top of fire extinguisher, having a gross weight less than 40 lb, shall be not more than 5 feet above the floor; if gross weight 40 lbs or greater, 3-1/2 feet above the floor. The bottom of a hand portable fire extinguisher shall not be less than 4 inches above the floor.</p>
11	<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>
12	<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> <ul style="list-style-type: none"> ~ For Inspection, see NFPA 10:7.2 ~ For Maintenance, see NFPA 10:7.3 ~ For Recharging, see NFPA 10:7.4
13	<p>101:42.3.3 Interior walls and ceilings shall have a flame spread of 0-200 and a smoke development rating of 0-450.</p>
14	<p>This project as submitted has been found in part to be INSUFFICIENTLY DOCUMENTED TO DETERMINE COMPLIANCE AT THIS TIME. Provide additional documentation as required to indicate compliance with the following item(s) PRIOR TO PERMITTING, UNLESS the Building Official finds that the nature of the work applied for is such that compliance can be determined during inspection:</p> <p>a. See Item no. 20a, 20b, and 20c.</p>
15	<p>NOTE: THE FOLLOWING IS A REVIEW FOR COMPLIANCE WITH THE REQUIREMENTS OF THE LOUISIANA STATE UNIFORM CONSTRUCTION CODE IN ACCORDANCE WITH ACT 12 OF THE 2005 FIRST EXTRAORDINARY SESSION OF THE LOUISIANA LEGISLATURE. 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:</p> <ul style="list-style-type: none"> 2012 International Building Code (IBC) not including Chapters 1, 11, 27, and 29; 2012 International Existing Building Code (IEBC) not including Chapter 1; 2012 International Mechanical Code (IMC); 2012 International Plumbing Code (IPC) with Louisiana Amendments; 2012 International Fuel Gas Code (IFGC); 2011 National Electric Code (NEC)
16	<p>Building Planning:</p> <ul style="list-style-type: none"> a. Special Occupancy Areas: There are NO special detailed requirements. b. Accessory Use Areas: There is NO accessory occupancy per IBC Section 508.2. c. Incidental Use Areas: There is NO incidental use area per IBC Section 509. d. Construction Type/Building Limitations: The construction type is indicated to be Type III-B per IBC Section 602. The proposed construction IS WITHIN the allowable height and area limitations of Table 503.

17	<p>Fire-Resistance-Rated Construction and Interior Finishes:</p> <ul style="list-style-type: none"> a. Interior walls and ceiling finishes at exit enclosures and exit passageways shall be Class B: Flame spread 0-75 smoke-developed 0-450. b. Interior walls and ceiling finishes at corridors shall be Class B: Flame spread 0-75 smoke-developed 0-450. c. Interior walls and ceiling finishes at rooms and enclosed spaces shall be Class C: Flame spread 0-200; smoke-developed 0-450.
18	<p>Fire Protection Systems: Refer to Life Safety Code review above for fire protection system requirements.</p>
19	<p>Means of Egress: Refer to Life Safety Code review above for means of egress requirements.</p>
20	<p>Structural: The following design loads and other information pertinent to the structural design required by IBC Sections 1603.1.1 through 1603.1.8 shall be indicated on the construction documents, per IBC 1603.1(INFORMATION ON DRAWINGS DOES NOT MATCH INFORMATION ON APPLICATION):</p> <ul style="list-style-type: none"> a. Gravity Load Data: Minimum live loads shall be in accordance with IBC Table 1607.1 or ASCE 7-10 Table 4-1 Minimum Snow loads shall be in accordance with IBC Fig. 1608.2 or ASCE 7-10 Fig. 7.1. - First Floor live loads are NOT indicated. ENSURE THAT CONCRETE SLAB MEETS THE MIN. 125 PSF INDICATED IN TABLE 1607.1. - Roof live loads are NOT indicated PROVIDE. - Ground Snow loads are indicated as 10 psf. b. Wind Design Data: Wind loads on every building or structure shall be determined in accordance with Chapter 6 of ASCE 7-10, per IBC 1609.1.1. - Ultimate design wind speed, Vult, (3-second gust) is indicated as 150 MPH; [IBC 1609.3 and/or ASCE 7-10 Figure 26.5-1] - Nominal Design Wind Speed, Vasd is NOT indicated PROVIDE; [IBC 1609.3.1 and/or ASCE 7-10 Figure 26.5-1] - Risk category is indicated as I; [IBC Table 1604.5 and/or ASCE 7-10 Table 1-1] - Wind exposure category is indicated as C; [IBC Section 1609.4.3] - The internal pressure coefficient is NOT indicated PROVIDE; [ASCE 7-10 Figure 26.11-1] [IBC Table 1609.6.2]; - Design wind pressures used for the design of exterior components and cladding are NOT INDICATED, PROVIDE. Protection of openings for wind-borne debris is required. c. Flood Design Data: The flood hazard area established for the site is NOT identified BY Zone (LSU AgCenter flood maps indicates Zone AE, EL 11 FT with a ground elevation of 9.4 ft); [IBC 1603.1.6] For buildings located in whole or in part in flood hazard areas as determined by the local flood plain administrator, the following information referenced to the datum on the Flood Insurance Rate Map (FIRM) shall be shown on the construction documents, regardless of whether flood loads govern the design of the building: - The elevation of the proposed lowest floor is NOT indicated PROVIDE. COORDINATE WITH THE LOCAL BUILDING OFFICIAL.
21	<p>Mechanical Systems: NO MECHANICAL SYSTEMS ARE INDICATED, NOT REVIEWED</p>
22	<p>Plumbing Systems: Review for compliance with the requirements of the International Plumbing Code, 2012 edition, with Louisiana Amendments is performed at the request of the jurisdiction in which this proposed project is located as follows: NO PLUMBING IS INDICATED, NOT REVIEWED</p>
23	<p>Fuel Gas: NO NEW WORK IS INDICATED, NOT REVIEWED</p>
24	<p>Electrical Systems: a. The drawings indicate that there is no power being supplied to this facility, NO COMMENTS.</p>