



John Bel Edwards  
GOVERNOR

## Office of State Fire Marshal

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H. "Butch" Browning  
FIRE MARSHAL

### Cautionary Codes

<b>Project Number:</b>	AR-18-012132
<b>Project Name:</b>	RV & BOAT STORAGE FACILITY FOR PELLCO, LLC

**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 NEW CONSTRUCTION OF A 4,500 SQ.FT. OPEN AIR PRE-ENGINEERED METAL CANOPY SYSTEM TO BE UTILIZED AS A STORAGE OCCUPANCY FOR RECREATIONAL VEHICLES AND BOATS.</p> <p>CONSTRUCTION TYPE: II(000) - NFPA ; II-B IBC</p> <p>SPRINKLER SYSTEM: NONE REQUIRED , NONE PROVIDED</p> <p>FIRE ALARM SYSTEM: NONE REQUIRED, NONE PROVIDED</p> <p>LSC: STORAGE - ORDINARY HAZARD</p> <p>IBC: STORAGE - GROUP S-1</p> <p>***THERE IS AN LSUCC REVIEW PROVIDED AFTER THE LIFE SAFETY CODE REVIEW</p>
2	<p>LAC 55:305 Insulation and insulation assemblies shall meet the requirements of Section 720, International Building Code, 2015 Edition.</p>
3	<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>
4	<p>Compliance with the 2014 NFPA 70, National Electrical Code (NEC), is mandated by RS 40:1730.28.A(7). Contact the local Building Official of the applicable local political subdivision or a Louisiana State Uniform Construction Code Council registered third-party provider to verify plan review and inspection requirements of the proposed electrical work.</p>
5	<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>
6	<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.</p> <p>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>

7	<p>Building Planning:</p> <ul style="list-style-type: none"> <li>~ Proposed Occupancy/Use Group Classification: The occupancy is STORAGE Group S-1 per IBC Section 311.</li> <li>~ Accessory Use Areas: There is ARE NO accessory occupancies per IBC Section 508.2.</li> <li>~ Incidental Use Areas: There ARE NO incidental use areas per IBC Section 509 and Table 509.</li> <li>~ Construction Type/Building Limitations: The construction type is indicated to be Type II-B per IBC Section 602. The proposed construction IS WITHIN the allowable height and area limitations of Tables 504.3, 504.4, and 506.2.</li> </ul>
8	<p>Fire-Resistance-Rated Construction and Interior Finishes:</p> <p>***NONE APPLICABLE</p>
9	<p>Fire Protection Systems:</p> <p>Refer to Life Safety Code review above for fire protection system requirements.</p> <p>***NONE APPLICABLE</p>
10	<p>Means of Egress:</p> <ul style="list-style-type: none"> <li>~ Refer to Life Safety Code review above for means of egress requirements.</li> </ul> <p>Additional requirements of the building code that are in excess of those cited above are as follows:</p>
11	<p>Structural:</p> <p>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:</p> <ul style="list-style-type: none"> <li>~ 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. <ul style="list-style-type: none"> <li>- First Floor live loads are indicated as 40 psf.</li> <li>- Floor live loads above the first floor are indicated as 0 psf.</li> <li>- Corridor live loads are indicated as 100 psf.</li> <li>- Roof live loads are indicated as 20 psf.</li> <li>- Ground Snow loads are indicated as 5 psf.</li> </ul> </li> <li>~ Wind Design Data: Wind loads on every building or structure shall be determined in accordance with Chapter 26 through 30 of ASCE 7-10, per IBC 1609.1.1. <ul style="list-style-type: none"> <li>- Ultimate design wind speed, Vult, (3-second gust) is indicated as 9(NOT PROVIDED) MPH; [IBC 1609.3 and/or ASCE 7-10 Figures 26.5-1a, 26.5-1b, and 28.5.1c]</li> <li>- Nominal Design Wind Speed, Vasd is indicated as 104 MPH; [IBC 1609.3.1 and/or ASCE 7-10 Figures 26.5-1a, 26.5-1b, and 26.5.1c. Conversion is required per IBC 1609.3.1]</li> <li>- Risk category is indicated as II; [IBC Table 1604.5 and/or ASCE 7-10 Table 1.5-1]</li> <li>- Wind exposure category is indicated as B; [IBC Section 1609.4.3]</li> <li>- The internal pressure coefficient is indicated as 0.18; [ASCE 7-10 Table 26.9-1] [IBC Table 1609.6.2];</li> <li>- Design wind pressures used for the design of exterior components and cladding are 18.43 psf.</li> </ul> </li> </ul> <p>Protection of openings for wind-borne debris is NOT REQUIRED required.</p> <ul style="list-style-type: none"> <li>~ Flood Design Data: The flood hazard area established for the site is identified as Zone C; [IBC 1603.1.7] 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: <ul style="list-style-type: none"> <li>- The base flood elevation, BFE, is indicated as N/A.</li> <li>- The design flood elevation, DFE, is indicated as N/A.</li> <li>- The elevation of the proposed lowest floor, including basement, (not subject to high-velocity wave action) is indicated as 25.</li> <li>- The elevation to which the building will be dry flood-proofed (not subject to high- wave velocity action) is indicated as N/A.</li> <li>- The proposed elevation of the bottom of the lowest horizontal structural member of the lowest floor, including basement, (not subject to high-velocity wave action) is indicated as 25.</li> </ul> </li> </ul>
12	<p>Mechanical Systems:</p> <p>***NONE APPLICABLE</p>
13	<p>Plumbing Systems:</p> <p>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>***NONE APPLICABLE</p>
14	<p>Fuel Gas:</p> <p>***NONE APPLICABLE</p>
15	<p>Electrical Systems:</p>

16	NEC 210.8(B)(4) Provide GFCI protection for personnel at ALL outlets installed outdoors in occupancies other than dwelling units.
17	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).