

STATE OF LOUISIANA
Department of Public Safety and Corrections
Office of State Fire Marshal Code Enforcement and Building Safety
8181 Independence Boulevard
Baton Rouge, Louisiana 70806
225-925-4920

H "BUTCH" BROWNING
FIRE MARSHAL

NEW CONSTRUCTION

ROBERT WILTSE
DAMMON ENGINEERING INC
554 OLD SPANISH TRAIL
SLIDELL, LA 70458-0000

RE: P0404882
VESSEL PROPERTIES
384 VOTERS RD
SLIDELL, LA 70461-0000

NFPA 101, 2009
IBC, 2009 (CHAPTERS 9 & 10)

STORAGE

Dear Applicant:

This is to advise that we have reviewed the drawings and specifications for the subject proposed construction and have determined that they appear to satisfactorily comply with the adopted laws, codes, rules and regulations of The State Fire Marshal subject to the following requirements:

NOTE: THE COMMENTS LISTED BELOW IDENTIFY APPARENT DEFICIENCIES DETECTED IN OUR REVIEW OF THE DOCUMENTS SUBMITTED.

1. **101:42.2.9 and IBC 1006.3 & 1006.4 Provide emergency lighting according to 101:7.9 and IBC 1006 (OR, if operated ONLY during daylight hours, provide adequate natural lighting sufficient for 1-footcandle of lighting at floor surfaces and 3-footcandles at stair treads).**

NOTE: THE FOLLOWING COMMENTS IDENTIFY ISSUES FOR INFORMATIONAL AND CAUTIONARY PURPOSES OR ISSUES THAT COULD NOT BE VERIFIED IN THE SUBMITTED DOCUMENTS.

2. **NOTE: Documentation has been received indicating that the LOCAL BUILDING CODE OFFICIAL will review for compliance with the Louisiana State Construction Code.**

REVIEW FOR COMPLIANCE WITH THE REQUIREMENTS OF THE LOUISIANA STATE UNIFORM CONSTRUCTION CODE HAS NOT BEEN PERFORMED FOR THIS PROJECT BY THIS OFFICE.

PROVIDE A DUPLICATE SET OF PLANS AND SPECIFICATIONS TO THE BUILDING OFFICIAL FOR REVIEW AND/OR PERMITTING, THE STATE FIRE MARSHAL REVIEWED AND STAMPED DOCUMENTS SHALL NOT BE USED FOR THIS PURPOSE. ADDITIONAL

MARKING OR ALTERATIONS MADE TO THE APPROVED STAMPED PLANS MAY CAUSE DELAYS IN FINAL ACCEPTANCE FOR OCCUPANCY.

3. **101:42.1.4 and IBC 302** This review is based on an occupancy classification of **STORAGE** in accordance with 101:6.1.1 and this section.
4. **ORDINARY hazards** are assumed. High hazard storage or processes are **NOT** included in this review. If the scope of work in this facility should require such storage or processes, submittal and approval of pertinent drawings, details, quantities and their location(s), and Material Safety Data (MSD) sheets must precede construction. An Amended Letter may then follow.
 - a) 101:6.2.2.4 High hazard **CONTENTS** shall be classified as those that are likely to burn with extreme rapidity **OR** from which explosions are likely.
 - b) 101:3.3.19.4 **Hazardous AREA:** An area of a structure or building that poses a degree of hazard greater than that normal to the general occupancy of the building or structure. (Hazardous areas include areas for the storage or use of combustibles or flammables; toxic, noxious, or corrosive materials; or heat-producing appliances).
5. This exception is intended to apply to the storage portions of the building only.

After consultation with the Office of Rehabilitation Services, it has been determined that this office will not require the storage areas of this facility to comply with any of the ADA-AG or NFPA 101 requirements for individuals with disabilities, with the following stipulations:

 - a) No floor plan modifications are permitted. Office additions and spaces created which constitute a change in use will require the upgrading of all existing non-complying features to conform with the provisions for new construction.
 - b) Provide features of accessibility for the public and administrative areas.
 - c) Visual alarm notification shall be provided if a fire alarm system is required by Code. (Apparently not required for this project).
 - d) If a complaint is received about discrimination in hiring of handicapped individuals or concerning handicapped accessibility to any part of the facility, then this office shall reserve the right to investigate the complaint and, if justified, shall reserve the right to require the facility or a portion thereof to be upgraded to comply with the accessibility requirements enforced by this office.
 - e) Please note that this document indicates specific compliance with state regulations and does not guarantee nor attempt to circumvent compliance with federal law.
6. **101:7.2.1.3.1** The floor elevation shall not change by more than 1/2" from one side of a door to the other, except for existing conditions that do not appear to apply.
 - a) **7.2.1.3.2** The elevation of the floor surfaces required by 7.2.1.3.1 shall be maintained on both sides of the door openings for a distance not less than the width of the widest leaf.
7. **101:7.2.1.5** 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.
 - a) **101:7.2.1.5.9** A latch or other fastening device on a door shall be provided with a releasing device that has an obvious method of operation and that is readily operated under all lighting conditions. Releasing mechanism shall be located not 24 to 48 inches above the finished floor and open the door with **NOT MORE THAN ONE RELEASING OPERATION**, unless otherwise specified in 7.2.1.5.9.3

and 7.2.1.5.9.4. (A two-step release, such as a knob and an independent slide bolt, or an additional exit request button, is not acceptable).

8. The following applies to the 42" guardrails depicted:
 - a) 101:7.2.2.4.5.3(1): The triangular openings formed by the riser, tread, and bottom element of a guardrail shall be such that a 6" diameter sphere cannot pass through.
 - b) 101:7.2.2.4.5.3(2): In Detention, Industrial, and STORAGE occupancies, the clear distance between intermediate rails, measured at right angles to the rails, shall not exceed 21".
9. 101:7.2.2.4.4(1) and IBC 1012.2 Handrails shall be no lower than 34" nor higher than 38" above the leading edge of the tread surface.
 - a) 101:7.2.2.4.4.6(1), 7.2.2.4.4.7, and IBC 1012.3 Handrails shall be continuously graspable along the entire length. Handrails shall be from 1-1/4" to 2" in diameter.
 - b) 101:7.2.2.4.4.5 Provide a MINIMUM clearance of 2-1/4" between the handrails and the walls or guards to which they are attached.
10. 101:7.2.2.3.6 Variation in excess of 3/8" in the depth of adjacent treads or in the height of adjacent risers shall be prohibited unless permitted in 7.2.2.3.6.3 (1:12 cross-sloping landing below bottom riser). The tolerance between the largest and smallest riser or between the largest and smallest tread shall not exceed 3/8" in any flight.
11. 101:42.5.1 Utilities shall comply with the provisions of Section 9.1.
 - a) 101:9.1.2 and LA RS40:1730.28.A (7) Compliance with the 2008 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 since it's not the 'latest' edition you reference).
12. LAC 55:V:303D Provide portable fire extinguishers in accordance with NFPA 10. (Minimum size of any individual extinguisher shall not be less than 2-A:10-B:C, a 5-pound dry chemical type ABC).
 - a) 10:5.1.4 Provide portable fire extinguishers within the following travel distances, per Tables 10:5.2.1 and 5.3.1: Travel distance to a fire extinguisher shall not exceed 75 feet for Class A and C fires (ordinary combustibles & electrical), or 30 feet for Class B fires (flammable liquids).
 - b) NFPA 10:1-6.3 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.
 - c) NFPA 10:1-6.10 Top of fire extinguisher, having a gross weight less than 40 lb, shall be not more than 5 feet above the floor; 3-1/2 feet if gross weight 40 lbs or greater.
 - d) LRS 40:1653 and 40:1628 All work and inspections of portable fire extinguishers shall be performed by a State of Louisiana certified agent. Portable fire extinguishers to be inspected and "green-tagged" annually.
 01. For Inspection see 10:6.2
 02. For Maintenance see 10:6.3
 03. For Recharging see 10:6.4

13. **Response is NOT REQUIRED UNLESS specifically requested within a comment. Should plan, detail, or specification changes affect egress and/or life safety, refer specifics for us to determine whether an amended letter or re-submittal is appropriate. Should product literature be included, please highlight specifics to direct our attention to what is being submitted. Please enclose a copy of this letter with any future submittals or other correspondence for this project.**

Changes to construction in the field which are not consistent with the reviewed documents are not authorized unless reviewed by this office for compliance with Code. Modifications to reviewed plans must be submitted to this office by the Architect/Civil Engineer for review prior to final inspection. If an Architect or Civil Engineer is not required by RS 37:155, revisions shall be submitted by the Owner. Submittals shall include plans, completed application, a minimum \$55.00 review fee, and a copy of the most current plan review letter.

Compliance with code requirements for fire protection systems, such as Fire Alarm, Sprinkler and Suppression Systems, is determined by separate shop drawing submittal and is not included in this review.

This review shall in no way permit and/or authorize any omissions or deviations from the specific requirements of the adopted codes, rules and regulations in accordance with R.S. 40:1574.1(B).

This review is valid for 180 days from the date of this letter. Construction permits must be issued and/or construction must commence within this time period.

This office requires certification of the completed project in accordance with the approved documents (certificate enclosed).

Occupancy of the project will not be permitted until we receive the completed certificate and a satisfactory inspection of the completed construction has been made by this office.

To arrange for inspection of the project, please contact the District Office at the phone number below two (2) to three (3) weeks in advance. The plans stamped reviewed by this office must be available on job site at time of inspection. Certificate of completion must be provided to the inspecting Deputy for final inspection.

Fire Department access and water supplies within the scope of work shall be acceptable to the local fire department. Submit to the State Fire Marshal inspector, a review letter from the local fire department, stating that the access and water supply as proposed are acceptable. In lieu of a review letter, where the local fire department does not provide a formal review, the local fire department may indicate review of the access and water supplies by stating such on the plans bearing the State Fire Marshal review stamp.

REVIEWED BY:
MICHAEL BABINEAUX
ARCHITECT

CC:
Vessel Properties
St Tammany Fire Protection District No 1*
City Of Slidell*
New Orleans District* 5045688506
City Of Slidell*



STATE OF LOUISIANA
DEPARTMENT OF PUBLIC SAFETY AND CORRECTIONS
OFFICE OF STATE FIRE MARSHAL



CERTIFICATE OF COMPLETION

DATE: _____

SFM PROJECT PO _____ SYSTEM TYPE _____ CONTRACTOR SIGNATURE _____

SFM PROJECT PO _____ SYSTEM TYPE _____ CONTRACTOR SIGNATURE _____

SFM PROJECT PO _____ SYSTEM TYPE _____ CONTRACTOR SIGNATURE _____

SFM PROJECT PO _____ SYSTEM TYPE _____ CONTRACTOR SIGNATURE _____

Please list all projects pertaining to the currently scheduled reviews of the building. System type refers to Architectural, Fire Alarm, Kitchen Hood/Wet Chemical Suppression, Fire Suppression, or Storage Tank.

To arrange for inspection of the project, please contact the district office two (2) to three (3) weeks in advance. To verify inspection district and phone number please refer to the "cc" list on the last page of the State Fire Marshal review letter. The plans stamped reviewed by this office must be available on job site at time of inspection. This Certificate Of Completion must be provided to the inspecting deputy at final inspection.

This is to certify the below project

PROJECT TITLE FROM APPLICATION		
PROJECT ADDRESS		
CITY	STATE	ZIP CODE

was periodically observed by me, by my consultants, and/or by others in my employ during construction and, to the best of my knowledge, information and belief, has been completed in accordance with the safety provisions which were shown in the plans and specifications previously reviewed by the Fire Marshal.

UNDER PENALTY OF LAW FOR FALSE STATEMENTS, I (NAME OF ARCHITECT/ENGINEER IF REQUIRED, OTHERWISE OWNER)

PRINT NAME _____ SIGNATURE _____

ARCHITECT/ CIVIL ENGINEER LICENSE NUMBER _____

CERTIFY ALL STATEMENTS CONTAINED HEREIN ARE, TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF, TRUE AND CORRECT.

LAC 55:V:307 OBSERVATION OF CONSTRUCTION

A. For a structure which by law may only be constructed with plans prepared and certified by a licensed architect or civil engineer, it shall be the duty of the owner of such a structure to provide for periodic observation of the construction of the structure to determine if the work is proceeding in accordance with the plans and specifications as approved by the fire marshal. The observations shall be performed by a registered architect or a registered civil engineer.

B. Upon completion of such work, where the law requires the owner to engage an architect or registered civil engineer, the owner shall furnish to the fire marshal a certificate signed by a registered architect or registered civil engineer stating that the periodic observations have been made and that to the best of the architect's or engineer's knowledge, information and belief, the work was completed in accordance with those fire safety standards and regulations stipulated in the plans and specifications previously approved by the fire marshal. When the owner has not engaged an architect or registered civil engineer, and the same is not required by law, the owner must submit the certificate of completion when appropriate, but always under his signature.

C. Occupancy of a structure, watercraft or movable prior to furnishing a certificate to the fire marshal as required under this regulation is expressly forbidden by the fire marshal, unless and until a satisfactory inspection has been made by the fire marshal or his certified representative.

D. In order to comply with the requirements of §307.B, the owner must submit to the fire marshal the following certificate completed by the architect, civil engineer, or, if neither is required by law, the owner.