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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

HENRY H. FRY
DEPUTY ASSISTANT SECRETARY

NEW CONSTRUCTION

EDWARD GREMILLION, P E, C E
DAMMON ENGINEERING, INC
1095 FLORIDA AVE
SLIDELL, LA 70458-0000

RE: P0324754
BAYOU TRUCK & TRAILER
2528 OLD SPANISH TRAIL
SLIDELL, LA 70458

NFPA 101, 2003

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: In accordance with the fee schedule on the Plan Review Application, a balance due of \$55.00 is required for this project based on STORAGE occupancy with calculated area of 6467 square feet. This amount must be received within 15 days of the date of this letter or this review may be rescinded. Please enclose a copy of this letter with your check for proper posting.

1. **Scope of Work: This review is for a new 6,467 sq.ft. building.**
2. **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- 2001, and the International Energy Conservation Code, 2000 edition, as applicable.**
3. **LAC 55:V:307 Periodic observation of construction shall be made by a licensed architect or civil engineer. The enclosed Certificate of Completion containing the signature(s) of the responsible design professional(s) shall be presented to the Inspector at time of final inspection for occupancy.**

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

4. **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.**
5. **LRS 40:1711 Provide safety glazing in hazardous locations at door #1.**

6. 101:7.2.1.5.9 Doors shall be openable with only one releasing operation.
7. NFPA 10:5.1.4 Travel distance to a fire extinguisher shall not exceed 75 feet for Class A, C and D fires.
 - a) NFPA 10:1.5.6 Fire extinguishers shall not be obstructed or obscured from view.
 - b) NFPA 10:1.5.3 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 10:1.5.10 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 All work and inspections of portable fire extinguishers shall be performed by a State of Louisiana certified agent.
8. **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.

Codes Referenced:

- 2006 International Building Code (IBC) not including Chapters 1, 11, 27, and 29;
- 2006 International Mechanical Code (IMC);
- 2000 Louisiana State Plumbing Code (LSPC);
- 2005 National Electric Code (NEC)

9. **Building Planning:**

a) **Proposed Occupancy/Use Group Classification:**
 The occupancy is Storage Group S-1 per IBC Section 311.2.

b) **Construction Type/Building Limitations:**
 The construction type is indicated to be Type V-B per IBC Section 602.5.
 The proposed construction is within the allowable height and area limitations of Table 503.

10. **Fire-Resistance-Rated Construction:** none indicated, none required

11. **Fire Protection Systems:**

- a) The building is not provided with an automatic sprinkler system. (system not required)
- b) The building is not provided with a fire alarm system. (system not required)

12. **Occupants:**

1) **Means of Egress:**
 Refer to Life Safety Code review above for means of egress requirements.

13. **Structural:**

a) **Wind Loads:**
 (wind loads determined in accordance with ASCE 7-05)
 The basic wind speed is 130mph for this site.
 A wind importance factor of 1.15 (occupancy category III) is correctly indicated.
 Exposure Category B for this site appears to be correctly identified.
 The internal pressure coefficient was not identified.
 Roof deck and covering shall be designed in accordance with Section 1609.5 and ASCE 7-05.

b) Flood Loads:

The flood hazard area established for the site is identified as Zone A10.

The elevation of the proposed lowest floor is indicated to be 9.5' MSL (base flood elev. = 9.0' MSL).

c) Construction Materials: Each pane of safety glazing installed in hazardous locations shall be identified in accordance with IBC Section 2406.2.

14. **Mechanical Systems:** appear to comply
15. **Plumbing Systems:** appear to comply
16. **Electrical Systems:** appear to comply
17. **NOTE:** Please enclose a copy of this letter with future submittals or other correspondence pertaining to 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.

REVIEWED BY:
JOHN WHITAKER
ARCHITECT

CC:
David Kaufmann
St Tammany Fire Protection District No 1*
City Of Slidell*
New Orleans District* 5042194600



STATE OF LOUISIANA
DEPARTMENT OF PUBLIC SAFETY AND CORRECTIONS

OFFICE OF STATE FIRE MARSHAL

CERTIFICATE OF COMPLETION

DATE

STATE FIRE MARSHAL PROJECT P0 _____ SYSTEM TYPE _____
STATE FIRE MARSHAL PROJECT P0 _____ SYSTEM TYPE _____
STATE FIRE MARSHAL PROJECT P0 _____ SYSTEM TYPE _____
STATE FIRE MARSHAL PROJECT P0 _____ SYSTEM TYPE _____

Please list all projects pertaining to this building, scheduled for review at this time. 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 that,

| | | |
|--------------------------------|-------|----------|
| 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 OR ENGINEER IF
REQUIRED, OTHERWISE OWNER

PRINTED 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.