

**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: P0324618  
 SLIDELL ATHLETIC CLUB  
 1311 GAUSE BLVD  
 SLIDELL, LA 70458-0000

NFPA 101, 2003

ASSEMBLY 300 OCCUPANTS OR LESS  
 INDUSTRIAL

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

1. **Scope of Work:** This review is for the new construction of the Bathroom Building, Snack Shack and new Metal Canopy addition attached to the existing main building.
2. **LRS 40:1730.45.A 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.
3. This exception is intended to apply to small buildings such as snowball stands, one hour photo booths, hamburger stands, etc. which do not contain interior spaces for use by the general public. (Snack Shack).

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

1. An accessible serving counter or drive-through window shall be provided. If an accessible pedestrian serving counter is provided without a drive-through window, then;
  - a. An accessible parking space and an accessible route to the accessible pedestrian serving counter shall be provided, or,

- b. documentation to substantiate that equivalent facilitation is available shall be provided.
2. Public toilet(s) and exterior dining areas shall provide accessibility for individuals with disabilities if provided.
3. 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.
4. Please note that this document indicates specific compliance with state regulations and does not guarantee nor attempt to circumvent compliance with federal law.
4. LRS 40:1731-(Effective 8/15/95) Provide access to persons with disabilities in accordance with ADA-AG (Accessibility Guidelines - September 1994). 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. Particular deficiencies and paragraph references are noted as follows:
- a) 4.2 Provide adequate reach ranges (Forward max. 48", Side max. 54") as per Figure 5. (Shower controls for (1) shower and lockers, 5% shall comply in each bathroom).
- b) 4.35.4 Provide 24" deep, 17"-19" high bench in accessible dressing room(s) in accordance with this section. (Required in each bathroom room. No details of bench shown).
- c) 4.5 Ground and floor surfaces shall be stable, firm, and slip-resistant.
5. LRS 40:1651 Submit chemical fire suppression system shop drawings with plan review application and fee prior to installation of any work of this section. Such work shall not commence until shop drawings have been found to be in compliance with applicable codes by this office. Submittal shall include a copy of this letter and shall be in accordance with the rules for such by this office. (Systems include hoods, halon, wet or dry chemical systems, etc.)
6. Shop drawings for fire protection systems, such as Fire Alarm, Sprinklers, and Suppression Systems, that are required to be submitted to this office for review, shall be routed through the "Professional of Record's" (Architect / Engineer) office, and shall be stamped with his "Shop Drawing Review Stamp" or equivalent, indicating that shop drawings have been reviewed by him for conformance with plans, specifications, and appropriate codes.
7. LAC 55:V:303.D Provide listed portable fire extinguishers in accordance with NFPA 10. (Refer to Appendix E for distribution information.) (None shown).
- a) 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.
- b) 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.
- c) 96:10.10.1 Provide portable fire extinguishers in all kitchen cooking areas in accordance with NFPA 10. Class B "gas type" portables, such as carbon dioxide and halon, shall NOT be permitted in kitchen cooking areas. (Snack Shack).

NFPA 10 requires fire extinguishers provided for the protection of cooking appliances that use combustible cooking media (vegetable or animal oils and fats) to be listed and labeled for "Class K" fires.

8. 70:680 Electrical work at swimming pools and fountains shall comply with requirements of this section.
9. **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 Existing Building Code (IEBC) not including Chapter 1;  
2006 International Mechanical Code (IMC);  
2000 Louisiana State Plumbing Code (LSPC);  
2006 International Fuel Gas Code (IFGC);  
2005 National Electric Code (NEC)

10. **Building Planning:**

a) **Proposed Occupancy/Use Group Classification:**

The occupancy is Assembly (Bathroom Bldg.) Group A3 and Factory Industrial (Snack Shack) Group F1 per IBC Section(s) 303 and 306.2. The Bathroom Building is an accessory to the Swimming Pool Assembly area.

b) **Incidental/Accessory Use Areas:**

There are no incidental use areas or accessory occupancy per IBC Section 508.

c) **Construction Type/Building Limitations:**

The construction type is indicated to be Type VB per IBC Section 602.

The proposed construction appears to be within the allowable height and area limitations of Table 503.

11. **Fire-Resistance-Rated Construction and Interior Finishes:** Appears to comply.
12. **Fire Protection Systems:**
  - a) The building is not provided with an automatic sprinkler system.
  - b) The building is not provided with a fire alarm system.
13. **Occupants: Means of Egress:** Appears to comply.
14. **Interior Environment:** Appears to comply.
15. **Structural:** Indicate the design loads and other information pertinent to the structural design required by Sections 1603.1.1 through 1603.1.8 ON the construction documents. The following

information was not identified on the drawings. (Applies to both buildings and new metal canopy attached to existing main building. Provide the following information on the drawings as applicable).

- a. Floor Live Loads were not given.
- b. Roof Dead Loads were not given.

**Wind Loads:**

1. Wind loads shall be determined in accordance with ASCE 7-05.
2. The basic wind speed is 130 mph for this site.
3. A wind importance factor of III is correctly indicated.
4. Exposure Category B for this site appears to be correctly identified.
5. The internal pressure coefficient was not identified. (Plan identified a Partially Enclosed Building. Note: The Bathroom bldg. is considered Partially Enclosed, The Snack Shack is considered Enclosed and the New Metal Canopy is considered Open).
6. Main Wind-Force Resisting System was not identified.
7. Components and cladding design was not identified.
8. Protection of openings for wind-borne debris is required. Provide details, specifications and schedules to identify the method of opening protection used, per IBC Section 1609.1.2 or per ASCE 7 Chapter 6.
9. Roof deck and covering. Document compliance in accordance with Section 1609.5 and ASCE 7-05.

**16. Foundation Systems:**

Document compliance with ASCE 7-05 on method used for anchorage of new metal canopy to the existing main building and the new foundation. (No details were shown).

**17. Flood Loads:**

The flood hazard area established for the site is identified as Zone X.  
The elevation of the proposed lowest floor was not indicated.

**18. Construction Materials: Appears to comply.**

**19. Mechanical Systems:**

a) Commercial kitchen exhaust hoods shall comply with the requirements of IMC Section 507. A Type I Hood per IMC Section 507.2.1 shall be used. Sheet E-1 noted a class II Hood.

b. IMC 508.1 Makeup air. Makeup air shall be supplied during the operation of commercial kitchen exhaust systems that are provided for commercial cooking appliances. The amount of makeup air supplied shall be approximately equal to the amount of exhaust air. The makeup air shall not reduce the effectiveness of the exhaust system. For mechanical makeup air systems, the exhaust and makeup air systems shall be electrically interlocked to insure that makeup air is provided whenever the exhaust system is in operation.

**20. Plumbing Systems:**

In accordance with LRS Title 51, Parts XV, XVIII, XIX, XX, XXI, and XXIII, plans and specifications shall be submitted to the state health officer for review and approval. Submit to the following regional office for review:

Southeast Region IX

2454 Koop Drive, Suite 1C  
Mandeville, LA 70471

21. **Fuel Gas: None indicated in this project.**
22. **Electrical Systems: See LSC comment # 8 above.**
23. **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:  
EDWIN LEE  
ARCHITECT

CC:  
Slidell Athletic Club  
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.

# DAMMON ENGINEERING, INC.

dammonengineering.com

1011  
1811

ENGINEERS		ARCHITECTS	
CONSULTING	DESIGN	STUDIES	EXPERT WITNESS

1095 Florida Ave.  
Slidell, LA 70458

P.O. Box 2830  
Slidell, LA 70459

985-649-5832  
FAX 985-641-5950

April 13, 2007

Mr. Bob Thirstrup  
Slidell Athletic Club  
550 Gause Blvd.  
Slidell, LA 70458

RE: Fire Marshal Drawings/  
Slidell Athletic Club  
1311 Gause Blvd.  
Slidell, LA 70458

Dear Bob,

This is to certify that the above referenced Fire Marshal Drawings and Fire Marshal Letter, dated April 10, 2007, have been received.

**Please maintain possession of these documents, as these originals must be present during the Fire Marshal's inspection.**

Contractor shall comply with all Fire Marshal requirements.

Received by: \_\_\_\_\_

Bob Thirstrup

Date: \_\_\_\_\_

5/27/07

Sincerely,  
Pete Dammon