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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

RENOVATION

EDWARD GREMILLION, P E, C E
EDWARD C GREMILLION
P O BOX 117715
SLIDELL, LA 70459

RE: P0328590
ECO OFFICE BUILDING
HWY 190
SLIDELL, LA 70458

NFPA 101, 2003

BUSINESS
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:

1. **This work entails the initial tenant completion for Suites 3 & 4 of a building shell built under review P0326913.**

The fire rated separations indicated in the submittal between tenancies do not comply with NFPA 101:Table 6.1.14.1 for Separated Occupancies. The review is, therefore, based on a Mixed/Non-Separated occupancy classification of Business / Storage.

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.**

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

3. **LRS 40:1731-(Effective 8/15/95) Provide handicapped accessibility 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.**

"CAUTIONARY/INFORMATIONAL" items and paragraph references are noted as follows:

- a) **4.5.2 Thresholds shall comply with requirements of this section regarding changes in level. (Not more than 1/2" height and beveled if over 1/4").**

b) 4.13.9 Door hardware shall comply with this section. Hardware shall not require tight grasping, tight pinching, or twisting of the wrist to operate.

c) 4.1.3(16)(a) Provide low level mounted exit signage in accordance with 4.30.1, 4.30.4, 4.30.5 and 4.30.6 (raised character, letter size, mounting) at all required exit doors to the exterior, exit stair doors and horizontal exit doors.

d) 4.1.3(16) Permanent signage shall comply with 4.30.

1. Signage, where provided for permanent rooms and spaces shall provide;
 - a. braille and raised lettering as per 4.30.4,
 - b. letter/symbol to background color contrast as per 4.30.5, and
 - c. a 60" height from floor to the centerline of the sign as per 4.30.6.

2. Other permanent signs which provide direction to or information about functional spaces of the building shall provide;

- a. letter character width to height proportion as per 4.30.2,
- b. character height proportion based on height of sign from finish floor as per 4.30.3, and
- c. letter/symbol to background color contrast as per 4.30.5.

4. 101:8.3.5 Penetrations through rated construction shall be sealed by approved firestop systems or devices tested in accordance with ASTM E-814 or ANSI/UL 1479 or by assemblies of firestopping materials capable of preventing the passage of flames and hot gases when tested and rated in accordance with NFPA 251. (This requirement applies for elevator controls on shaft walls, electrical outlets, light switches, etc.).

a) Notify the District Office identified at the end of this letter for inspection of all completed fire and/or smoke barrier walls before any construction is installed that would conceal such construction and prevent a proper inspection. Access to randomly selected areas may be required by the inspector at time of final inspection if this notification is not given.

b) Provide detailed instructive cut sheets of the fire penetration sealing system used to the inspector at time of inspection. Random selective sampling by the contractor will be observed by the inspector.

5. LAC 55:V:303.D Provide listed portable fire extinguishers in accordance with NFPA 10. (Refer to Appendix E for distribution information.)

6. HVAC system shall be constructed in accordance with 101:9.2.

7. LRS 40:1653 and 40:1628 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.

8. 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 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)

9. **Building Planning:**

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

The project is a Mixed / Non-separated in accordance with Section 508.3.2. The occupancy is Business Group B per IBC Section(s) 304.1, and Storage Group S-3 in accordance with Section 311.3.

b) **Special Occupancy Areas:**

There are special no detailed requirements from Chapter 4 or Section 509.

c) **ncidental/Accessory Use Areas:**

There is an no incidental use area and no accessory occupancy per IBC Section 508.

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

The construction type is indicated to be Type V (B) per IBC Section 602. Which is consistant with the shell construction type.

The proposed construction does not affect the existing allowable height and area limitations of Table 503.

e) **Classification of Work:**

The scope of work is classified as Alteration-Level 2 per IEBC Section 404.

10. **Fire-Resistance-Rated Construction and Interior Finishes:**

a) **Interior Finishes**

Interior walls and ceiling finishes shall be Class C: Flame spread 0-B; smoke-developed 0-450 in both the Business and Storage areas.

11. **Fire Protection Systems:**

Fire sprinkler and fire alarm / detection systems are not required by Chapter 9, and none are indicated to be provided.

12. **Occupants:**

1) **Means of Egress:**

Refer to Life Safety Code review above for means of egress requirements.

13. **Interior Environment:**

Toilet and bathing room floors shall have a smooth, hard, nonabsorbent surface that extends upward onto the walls at least 6 inches per IBC Section 1210.1.

Walls within 2 feet of urinals and water closets shall have a smooth, hard, nonabsorbent surface, to a height of 4 feet above the floor, and except for structural elements, the materials used in such walls shall be of a type that is not adversely affected by moisture per IBC Section 1210.2.

14. **Structural:**
The work of this proposal does not affect the existing structure.
15. **Mechanical Systems:**
401.4 Exhaust outlets for environmental air exhaust shall be located not less than 3 feet from property lines and not less than 3 feet from openings into the building.

918.6 Outdoor or return air for a forced-air heating system shall not be taken from closer than 10 feet from an appliance vent outlet, a vent opening from a plumbing drainage system or the discharge outlet of an exhaust fan, unless the outlet is 3 feet above the outdoor air inlet.
16. **Plumbing Systems:**
No deficiencies noted.
17. **Fuel Gas:**
No fuel gas use is indicated in the submittal
18. **Electrical Systems:**
Provide complete Electrical design documents including Service Entrance Feeder diagrams, Meter type and location, Transformer Ground fault calculations, panelboard ratings, locations, balanced panel load schedules in amps and KVA, size and ratings of all overcurrent protection devices, GFCI locations, and specify all conductor sizes in accordance with NEC 215.5, 215.2, 220.3 and annex G 80.21(a)(b)(c) requirements. THIS INFORMATION WAS REQUESTED ON THE INITIAL SHELL BUILDING REVIEW AT P0326913, AND IS NOT FULLY INDICATED HEREIN.

DOCUMENTS INDICATED A 600 AMP SERVICE PROTECTED BY A 400 AMP MAIN DISCONNECT. PLEASE CLARIFY.
19. **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 applies to work indicated in the drawings or specifications. Existing portions of the facility of building unaffected by the new work shall comply with LAC 55:103B thru 55:103F.

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:
JAMES WAITE
ARCHITECT

CC:
Eco Builders
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 PO _____ SYSTEM TYPE _____
STATE FIRE MARSHAL PROJECT PO _____ SYSTEM TYPE _____
STATE FIRE MARSHAL PROJECT PO _____ SYSTEM TYPE _____
STATE FIRE MARSHAL PROJECT PO _____ 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.