

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

BUILDING REHABILITATION

KEVIN KINCHEN
DAMMON ENGINEERING, INC.
554 OLD SPANISH TRAIL
SLIDELL, LA 70458-0000

RE: P0443675
TEXTRON STONE ROAD BUILDING
ADDITION
252 STONE RD
SLIDELL, LA 70458

NFPA 101, 2012
IBC, 2012 (CHAPTERS 9 & 10)

BUSINESS

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. **Scope of Work: This review is for renovation of an existing attached structure with a documented sprinkler system.**

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

2. **101:38.2.10 and IBC 1011 Exit signs complying with 101:7.10 and IBC 1011 shall define exits and access to exits where the exit is not immediately apparent. SEE REMARKS ON SHEET G2**
3. **101:8.7.1.2 Separate AREA from other parts of the building with smoke partitions in accordance with 8.4.**
4. **LAC 55:V:303.D Provide listed portable fire extinguishers in accordance with NFPA 10. (Refer to Appendix E for distribution information.)**

a) **NFPA 10:5.2 Classifications for fires:**

Class A fires-fires in ordinary combustibile materials, such as wood, cloth, paper, rubber and many plastics.

Class B fires-fires in flammable liquids, combustibile 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 combustibile metals, such as magnesium, titanium, zirconium, sodium, lithium, and potassium.

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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)

5. 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). Particular deficiencies and paragraph references are noted as follows:
 - a) 303 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) 404.2.7 Handles, pulls, latches, locks, and other operable parts on doors and gates shall comply with 309.4. Hardware shall not require tight grasping, tight pinching, or twisting of the wrist to operate.
6. 101:7.2.1.3.1, 101:7.1.6.3, and IBC 1008.1.5 through 1008.1.7 The floor elevation shall not change by more than 1/2" from one side of a door to the other.
7. 101:7.2.1.3 and IBC 1008.1.5 through 1008.1.7 Provide level landings outside exterior doors that are within 1/2" of the interior finish floor elevation.
8. 101:7.2.1.5 and IBC 1008.1.9 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.
9. 101:7.2.1.5.10.2 and IBC 1008.1.9.4 through 1008.1.9.5 Doors shall be openable with ONLY one releasing operation. A two-step release, such as a knob and an independent slide bolt, is NOT acceptable, except under special conditions.
10. Modifications to the existing fire alarm system shall be in accordance with NFPA 101, NFPA 72, ADA-ABA, and IBC.
11. Modifications to the existing sprinkler system shall be in accordance with NFPA 13.
12. 101:38.5.1 Utilities shall comply with the provisions of Section 9.1.
13. Compliance with the 2011 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.
 - a. Comply with the grounding requirements of NFPA 70:517.13, if "PATIENT CARE AREAS", such as exam and treatment rooms, are provided. Wiring in "PATIENT CARE AREAS" shall comply with 517.13(A) and (B).
14. HVAC system shall be constructed in accordance with 101:9.2.

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:

- 2012 International Building Code (IBC) not including Chapters 1, 11, 27, and 29;
- 2012 International Existing Building Code (IEBC) not including Chapter 1;
- 2012 International Mechanical Code (IMC);
- 2013 Louisiana State Plumbing Code (LSPC);
- 2012 International Fuel Gas Code (IFGC);
- 2011 National Electric Code (NEC)

15. **Building Planning:**

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

The occupancy is MIXED Group B, F-1 per IBC Section(s) 304, 306.

b) **Special Occupancy Areas:**

There are NO Special Occupancy Areas INDICATED.

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

There are NO Incidental/Accessory Use Areas INDICATED.

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

The construction type is indicated to be EXISTING.

The proposed construction IS WITHIN the allowable height and area limitations of Table 503.

e) **Classification of Work:**

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

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

a) Interior walls and ceiling finishes shall be Class C: Flame spread 0-200; smoke-developed 0-450.

17. **Fire Protection Systems:**

Refer to Life Safety Code review above for fire protection system requirements.

a) The building is provided with an EXISTING automatic sprinkler system.

b) The building is NOT provided with a fire alarm system. The system is NOT required by IBC Section 907.2.4.

18. **Means of Egress:**

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

19. **Mechanical Systems:**

a) Duct insulation shall conform to the requirements of IMC Sections 604.2 through 604.13, IECC Section 501.1, and ANSI/ASHRAE/IESNA 90.1-2004, per IMC.

b) Supply and return ducts and plenums installed in exterior locations, ventilated attics, and unvented attics above insulated ceilings shall be thermally insulated with minimum R-6 insulation on the supply side and minimum R-3.5 insulation on the return side, per ANSI/ASHRAE/IESNA 90.1-2004 Table 6.8.2B.

c) Supply and return ducts and plenums installed in unvented attics with roof insulation and in unconditioned spaces, (including crawl spaces, both ventilated and nonventilated), shall be thermally

insulated with minimum R-3.5 insulation on the supply side. No minimum R-value is required on the return ducts, per ANSI/ASHRAE/IESNA 90.1-2004 Table 6.8.2B.

d) Where multiple air-handling systems share common supply or return air ducts or plenums with a combined design capacity greater than 2000 cfm, the return air system shall be provided with smoke detectors in accordance with IMC Section 606.2.1. Individual detectors for each air handler shall not be required, provided that such units are not greater than 2000 cfm and will be shut down by smoke detector(s) required by IMC Sections 606.2.1 and/or Section 606.2.3 and comply with Sections 606.4 and 606.4.1.

20. **Plumbing Systems:**

Review for compliance with the requirements of the Louisiana State Plumbing Code [Part XIV (Plumbing) of the State Sanitary Code] is performed at the request of the jurisdiction in which this proposed project is located AND on behalf of the State Health Officer. In accordance with R.S. 40:4.A(7), R.S. 40:5, and R.S. 40:1730.28.A(5), the State Health Officer and the Office of Public Health of the Department of Health and Hospitals holds the exclusive jurisdiction, control, and authority over Part XIV (Plumbing) of the State Sanitary Code. Interpretations and/or adjustments to the requirements contained in this code should be directed to that department for ruling.

a) **NO Plumbing Systems MODIFICATIONS INDICATED.**

21. **Fuel Gas:**

a) **NO Fuel Gas INDICATED.**

22. **Electrical Systems:**

a) **No deficiencies detected.**

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 or building unaffected by the new work shall comply with LAC 55:103B.

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).

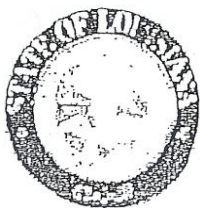
Occupancy of the project will not be permitted until we receive the completed certificate and a satisfactory inspection of the completed construction has been made by this office.

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:
ERIC PARNELL
ARCHITECT

NOTE: Please call the REVIEWER identified above if you have any questions regarding this review.
Do not call the Inspection Office until you are ready for inspection.

CC:
Textron Marine & Land
St Tammany Fire Protection District No 1*
City Of Slidell*
New Orleans District Ofc* 5045688506
City Of Slidell*
St Tammany Fire District #1*



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.