

**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

**RENOVATION**

ROBERT WILTSE  
DAMMON ENGINEERING INC  
1095 FLORIDA AVE  
SLIDELL, LA 70458-0000

RE: P0381505  
CSP AREA UPGRADE  
1001 GAUSE BLVD  
SLIDELL, LA 70458-0000

NFPA 101, 2006

HOSPITAL

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:

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

1. **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.**
2. **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) **4.5 Ground and floor surfaces shall be stable, firm, and slip-resistant.**
  - b) **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").**
  - c) **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.**
  - d) **4.1.3(16) Permanent signage shall comply with 4.30.**

1. **Signage, where provided for permanent rooms and spaces shall provide;**

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- 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.

e) 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.

f) 4.1.3(11) and 4.1.6(3)(e) ALL public and common use toilet rooms shall comply with requirements of this Section 4.22.

3. Insulation and insulation assemblies shall meet the requirements of Section 719, International Building Code, 2006 Edition.

a) Concealed and exposed insulation shall have a flame spread of 0-25 and a smoke developed of 0-450 in accordance with IBC 719.

4. 101:7.2.1.5.9 Doors shall be capable of being opened with ONLY one releasing operation. A two-step release, such as a knob and an independent slide bolt, or an additional exit request button, is NOT acceptable.

5. 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.

Submit a "REQUEST FOR EXEMPTION" for special locking arrangements in accordance with Interpretive Memorandum 2009-03 available on our website at <http://www.lasfm.org> under the PLAN REVIEW / FORMS section. Also see Interpretive Memorandum 2009-04 for clarification regarding "magnetic lock releasing devices".

NOTE: The "Life Safety and Property Protection Licensing Law" (LRS 40:1664 et seq.) requires locksmiths to be licensed. Contact the licensing section of this office at 225.925.7047 for guidance and assistance.

6. 101:18.3.6 Corridor walls shall form a barrier to limit the transfer of smoke with doors constructed to resist the passage of smoke.

7. 101:8.2.2.3 Fire compartments shall be formed by fire barriers that are continuous from foundation through all intervening construction to the roof deck or floor deck, from outside wall to outside wall or from fire barrier to fire barrier, including continuity through all concealed spaces, such as those found above a ceiling, including interstitial spaces.

8. 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.

9. Modifications to the existing sprinkler system shall be in accordance with NFPA 13.

a) LRS 40:1574 and LAC 55:V:303 Submit automatic sprinkler system shop drawings with plan review application and fee prior to installation of any work to this system. Such work shall not commence until the shop drawings are reviewed and appear to satisfactorily comply with the laws, codes, rules, and regulations enforced by this office.

Be advised that a sprinkler system that satisfies the requirements of NFPA 101 Life Safety Code, NFPA 13, NFPA 13R and/or NFPA 13D may not necessarily be considered by the building insurance underwriters as "full coverage" or "fully sprinklered", for insurance purposes.

**NFPA 13:4.3, 22.1.4 (2007 edition) COMPLETE AND SUBMIT OWNER'S INFORMATION CERTIFICATE TO SYSTEM DESIGNER IN ORDER TO IDENTIFY SPECIAL OCCUPANCIES AND COMMODITY CLASSIFICATION BEFORE START OF DESIGN. FORM CAN BE FOUND IN THE PLAN REVIEW/SPRINKLER SECTION OF OUR WEBSITE (<http://www.dps.louisiana.gov/sfm>).**

NFPA 13:10 Underground piping shall be installed in accordance with chapter 10. See 10.6 for specific requirements for piping run under buildings.

10. Modifications to the existing fire alarm system shall be in accordance with NFPA 101, NFPA 72 and ADA-AG.

a) LRS 40:1574 and LAC 55:V:303 Submit fire alarm 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. The submittal shall include a copy of this letter and shall be in accordance with the submittal requirements outlined in the memorandum dated June 24, 1993 which was distributed from this office to all state licensed fire alarm contractors, architects and engineers. Specify the "Type of Signaling System" to be utilized, identify the monitoring station, describe the evacuation system ("zoned" or "general"), and include information concerning the means of protecting fire command centers, circuitry, and other essential equipment, such as may be required for high-rise buildings, as applicable.

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

12. 101:9.2.1 Install smoke detectors to automatically stop the fan in HVAC duct systems over 2000 cfm in accordance with NFPA 90A:6.4.2(1). Where fire alarm system is required, duct detectors shall be connected to building alarm system.

13. 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 requirements of the proposed electrical work.

14. 101:8.3.5.6.3 Electrical outlet boxes on opposite sides of a fire-rated wall shall be separated by not less than 24" horizontally and shall not exceed a total of 100 sq. in. per 100 sq. ft. of wall area.

15. **LRS 40:1664.4 All work and inspections of life safety and property protection systems and equipment shall be performed by a contractor licensed with the appropriate endorsement by the Office of the State Fire Marshal.**
16. **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.**

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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);
- 2008 National Electric Code (NEC)

17. **Building Planning:**

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

The occupancy is a mixed Group I-2 and B per IBC Sections 308.3 & 304.1.

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

There are NO incidental use areas nor accessory occupancy per IBC Section 508.

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

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

The proposed construction is within the allowable height and area limitations of Table 503.

18. a) **Classification of Work:**

The scope of work is classified as Alteration-Level 2 per IEBC Section 404.1.

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

a) Interior walls and ceiling finishes shall be Class B: Flame spread 26-75; smoke-developed 0-450.

20. **Fire Protection Systems:**

a) The building IS provided with an automatic sprinkler system. The system IS required by IBC Section 903.2.5

b) The building IS provided with a fire alarm system. The system IS required by IBC Section 907.2.6

21. **Means of Egress:**  
a) Refer to Life Safety Code review above for means of egress requirements.
22. **Interior Environment:**  
**NO DEFICIENCIES DETECTED.**
23. **Structural:**  
**THE BUILDING SHELL IS EXISTING AND CONSTRUCTED PRIOR TO JANUARY 1, 2007 PER OUR RECORDS. ALL RENOVATION WORK IS TAKING PLACE INSIDE THE EXISTING BUILDING SHELL.**
24. **Mechanical Systems:**  
**NOTE: Section 403.1 through Section 403.7 of the "2007 Supplement to the IMC" has been adopted as part of the LSUCC by the Code Council. This change will also be included in the 2009 edition of the IMC.**  
  
a) The ventilation air distribution system shall be provided with means to adjust the system to achieve at least the minimum ventilation airflow rate required. Ventilation systems shall be balanced by an approved method. Such balancing shall verify that the ventilation system is capable of supplying the airflow rates required by Section 403, per IMC 403.7 (2007 supplement).
25. **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) 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  
21454 Koop Drive, Suite 1C  
Mandeville, LA 70471**
26. **Fuel Gas:**  
**NONE INDICATED ON FLOOR PLANS.**
27. **Electrical Systems:**  
**NO DEFICIENCIES DETECTED**
28. **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:  
GORDON CAMERON  
ARCHITECT

CC:  
Slidell Memorial Hospital  
Healthcare District\* 2259254270  
State Plumbing Board Of Louisiana\*  
St Tammany Fire Protection District No 1\*  
City Of Slidell\*