

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

AMENDED LETTER

DONALD SAMPSON
DONALD J. SAMPSON AIA
2825 HILL ST
ALEXANDRIA, LA 71301-0000

RE: P0360411
NORTHSHORE CHURCH
300 KENSINGTON AVE
SLIDELL, LA 70458-0000

NFPA 101, 2006

ASSEMBLY OVER 300 OCCUPANTS

Dear Applicant:

This is to advise that the previous review letter dated 03/16/2009 for this project is hereby amended as follows:

1. This office is in receipt of documentation in response to the Amended letter dated April 9, 2009 for the above referenced facility, and after review, makes the following response:

2. **HEIGHT AND AREA - SCOPE OF WORK:**

In accordance with IBC 912.5.1, When a change of occupancy classification is made to a higher hazard category as shown in Table 912.5, (Group M to Group A-3), heights and areas of buildings and structures shall comply with the requirements of Chapter 5 of the International Building Code (IBC) for the new occupancy classification.

The existing construction type is documented to be Type IIB. In accordance with Table 503 of Chapter 5 of the IBC, the maximum allowable area, with automatic sprinkler system increase, is 38,000 square feet. The proposed scope of work exceeds the maximum area allowed - **DOES NOT COMPLY.**

(Note: Maximum area including possible frontage increase would be 42,275 square feet, however no indication of dedication of adjacent property for public use is indicated).

OPTION 1: If the construction type was upgraded to Type IIA, the allowable area, without frontage increase, would be 62,000 square feet, the 47,880 square feet proposed would be deemed to comply.

OPTION 2: Further subdivision of building area utilizing fire walls (new or existing) into fire compartments of less than 38,000 square foot each would be deemed to comply.

HEIGHT AND AREA - EXISTING LEASE SPACE:

In accordance with IBC 912.5.2, When a change of occupancy classification is made to an equal or lesser hazard category as shown in Table 912.5, (Group M - no apparent change), the height and area of the existing building shall be deemed acceptable.

3. **WALL CONSTRUCTION:**

In accordance with IBC 601.2 (and IEBC 302.1), An existing building or portion thereof shall not be altered such that the building becomes less safe than its existing condition. The relocation of property lines place the existing exterior wall construction in noncompliance.

Exception: Where the current level of safety or sanitation is proposed to be reduced, the portion altered shall conform to the requirements of the International Building Code.

REAR EXTERIOR WALL:

Per IBC 704.5, Exterior walls shall be fire-resistance rated in accordance with Tables 601 and 602. The Rear wall located within 5' of the property line shall be minimum 1-hour fire-resistance rated and shall be rated for exposure to fire from both sides of the wall. Per IBC 704.8, OPENINGS ARE NOT PERMITTED.

FRONT EXTERIOR WALL:

Per IBC 704.5, Portions of the Front wall located within 10' of the property line shall be minimum 1-hour fire-resistance rated and shall be rated for exposure to fire from the inside. Unprotected openings on the front wall are limited by 704.8 and 705.5.2 (see below).

PARTY WALL CONSTRUCTION: (Common Wall)

Per IBC 705.1.1, Any wall located on a lot line between adjacent buildings, which is used or adapted for joint service between the two buildings, shall be constructed as a fire wall AND shall be constructed without openings - PENETRATIONS (openings) ARE NOT PERMITTED.

Per IBC 705.5.2, Fire walls shall extend to the outer edge of the canopy (covered walk) UNLESS:

1. There are no concealed spaces, provided the exterior wall behind and below the canopy has not less than 1-hour fire-resistance-rated construction for a distance not less than the depth of the canopy on both sides of the fire wall. Openings in the exterior wall shall have a fire protection rating of not less than 3/4 hour.
2. The canopy is noncombustible and a minimum 1-hour fire-resistance-rated wall extends through concealed spaces. The canopy shall be separated from the building by minimum 1-hour construction for a distance on each side of the fire wall equal to the depth of the canopy. The wall is not required to extend under the canopy where the exterior wall is not less than 1-hour fire-resistance rated for a distance on each side of the fire wall equal to the depth of the canopy. Openings in the exterior wall shall have a fire protection rating of not less than 3/4 hour.
3. If the canopy is combustible, the fire wall need only extend through the concealed space to the outer

edges of the canopy. The exterior wall behind and below the canopy shall be minimum 1-hour fire-resistance-rated construction for a distance not less than the depth of the canopy on both sides of the fire wall. Openings in the exterior wall shall have a fire protection rating of not less than 3/4 hour.

Per IBC 705.6, Fire (party) wall shall extend from the foundation to a termination point at least 30 inches above both the roof, UNLESS:

1. Wall shall be permitted to terminate at the underside of noncombustible roof sheathing, deck, or slab where both buildings are provided with not less than a Class B roof covering. Openings in the roof shall not be located within 4 feet of the fire wall.

4. Add the following to item 10 of the review letter for this project dated March 16, 2009.

IDENTIFY the owner responsible for installing & certifying the automatic sprinkler system in accordance with NFPA 13 Sections 4.3, 7.3.1.7, and 22.1.4 for both properties;

IDENTIFY the owner responsible for maintaining the off-site monitoring and supervision requirements of the automatic sprinkler system in accordance with NFPA 101:9.7 and NFPA 72:8.

IDENTIFY the owner responsible for the inspection, testing, and maintenance of the automatic sprinkler system in accordance with NFPA 13:26.1 and NFPA 25.

5. **Please resubmit any further changes to this project to this office for review with drawings, Plan Review Application, and review fee.**

This review applies to the work indicated on the drawings or specifications.

This review shall in no way permit 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).

The above amended review is valid if construction starts within 180 days from the above date of the original review letter.

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. Approved plans must be available on job site at time of inspection. Certificate of completion must be provided to inspecting Deputy for final inspection.

REVIEWED BY:
LAWRENCE DELAUNE
ARCHITECT SUPERVISOR

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