

**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

**FIRE SUPPRESSION SYSTEM**

EDWARD GREMILLION, P E, C E  
DAMMON ENGINEERING, INC  
1095 FLORIDA AVE  
SLIDELL, LA 70458-0000

RE: P0322761  
LIVING WORD INTERNATIONAL  
MINISTRY  
1000 CARUSO BLVD  
SLIDELL, LA 70458-0000

NFPA 101, 2003

ASSEMBLY 300 OCCUPANTS OR LESS

Dear Applicant:

Please be advised that we have made a general review of the drawings, calculations, and equipment data for the proposed Fire Suppression System, based on the submittal package received for the above referenced project. This review is governed by the Official Manual of the Office of State Fire Marshal, which contains the adopted laws, codes, rules, and regulations of this office. This review, in no way, shall permit and/or authorize any omissions or deviations from the specific requirements of the Official Manual. Requirements cited in this review do not relieve the licensed fire suppression system designer and the Professional Of Record, when required by LA RS 37, from complying with all the requirements contained in the Official Manual. Subsequent to our general review of the submittal package, we have determined that the drawings, calculations, and equipment data appear to satisfactorily comply with the adopted laws, codes, rules and regulations of the State Fire Marshal, subject to the following requirements and review qualifications:

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

- 1. **Although resolution to the comments in this review letter are not required to be submitted back to this office, the Professional of Record, (when required by LA R.S. 37:155) otherwise the Owner, shall not be relieved of the requirement to comply with all citations indicated in this letter, as well as all requirements of the Official Manual of the Office of State Fire Marshal, Code Enforcement and Building Safety.**

**Be advised that if any item in this review letter initiates a change(es) to the sprinkler system, which affect the hydraulic design as submitted, the Professional of Record (when required by LA R.S. 37:155) otherwise the Owner, shall revise the fire suppression system drawings and hydraulic calculations. The revisions, including revised sprinkler plans, calculations, and/or cut sheets shall be submitted to this office, along with the original stamped State Fire Marshal fire suppression system plans, complete with the original submittal calculations and cut sheets. All revisions shall be accompanied by the appropriate fee, as described in the applicable system review checklist and fee schedule, available from our website <www.dps.state.la.us/sfm>. Do not provide a new application -**

re-review of submitted changes will be facilitated by an Amended Letter to the existing project number (P0 number) appearing in the heading of this letter, above.

Item(s) of particular concern, which may require re-submittal is/are Item(s) 2.

**NOTE : PLEASE READ THE REVIEW LETTER CAREFULLY BEFORE INITIATING SPRINKLER WORK, AS REDESIGN MAY BE REQUIRED**

2. 13:6.1.1.2 Sprinklers shall be installed throughout the premise.

This item is deficient in that compliance is not verifiable and / or has not been documented in the submittal, E.G., See items 21 and 22 of P0277358 dated June 25, 2004.

>>>>> Prior to occupancy, POR verify with owner and document to the inspector, that there is and will be no platform or baptistry ( as none is shown in the sprinkler drawing cross section or plan view ), or document that the system is resubmitted for SFM review and is found to be acceptable.  
<<<<<<

**INSPECTOR VERIFY**

**NOTE : 13:11.2.3.1.8 (3) For buildings having unsprinklered combustibile concealed spaces, as described in 8.14.1.2 and 8.14.6, the minimum area of sprinkler operation shall be 3000 ft<sup>2</sup> (279 m<sup>2</sup>).**

3. 13:8-4.4.5 and 9-1.2 The calculated system shall not exceed the available volume and pressure of the water supply at the point of connection. Include all friction losses, e.g. private supply piping, fittings, devices such as valves, meters (including detector check valves), strainers, backflow preventers, etc. and calculate elevation changes that affect the sprinkler discharge.

This item is deficient in that compliance is not verifiable and / or has not been documented in the submittal. E.G., Account for pressure losses , with outside hose allowance, back to the flow hydrant;

Professional of Record ( POR ) verify that the calculations, drawing(s) and placard information are corrected to accurately represent system demands. If system modifications are required ( e.g. : to keep the system demand below the available supply ), or if there are deviations from the submitted plans, resubmit under this SFM review number , along with additional review fee to cover the review of the revisions.

4. 13:14.1.3 Working plans show :

(7) Occupancy class of each area or room

(10) Size of city main in street and whether dead end or circulating; if dead end, direction and distance to nearest circulating main; and city main test results and system elevation relative to test hydrant (see A.15.1.8 ).

( No city main identified )

(24) Make, type, model, and size of alarm or dry pipe valve

(28) Private fire service main sizes, lengths, locations, weights, materials, point of connection to city main; the sizes, types and locations of valves, valve indicators, regulators, meters, and valve pits; and the depth that the top of the pipe is laid below grade

(30) Where the equipment is to be installed as an addition to an existing system, enough of the existing system indicated on the plans to make all conditions clear

This item is deficient in that the submitted drawing is missing required information. Professional of Record ( POR ) verify that the drawing is corrected

5. 13:9.1.1.4.1 Unless permitted by 9.1.1.4.2 or 9.1.1.4.3, the components of hanger assemblies that directly attach to the pipe or to the building structure shall be listed

This item is deficient in that compliance is not documented in the submittal, E.G. This reviewer could find NO listing for Sammy Xpress fasteners on the UL website.

>>>>> Prior to occupancy, POR document compliance with 13:9.1.1.4.1 to the inspector. <<<<<

Inspector verify.

6. 13:8.15.3.1 Protect sprinkler piping from freezing. Provide a method of maintaining permanent heat to all areas containing wet sprinkler piping subject to temperatures below 40 degrees F. Inspector to verify method of freeze protection.

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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.

7. This review applies to the riser(s), piping lay-out and sprinkler head locations, for compliance with NFPA 13, as shown on the drawings for the above referenced project. NFPA 25, Standard for the Inspection, Testing and Maintenance of Water-Based Fire Protection Systems is a requirement of this office and shall be adhered to.

8. This review applies to new work indicated in the drawings and does not apply to existing non-conforming conditions.

9. This submittal does not indicate a meter or backflow preventer in the supply piping. If a meter or backflow preventer is installed or is required, this review is rescinded.

POR document conditions to the inspector

10. This review is based on a project supplied with:

a) A water supply of 65 psi static and 25 psi residual, flowing 965 g.p.m.

Drawing indicates 1/31/07 test by ASCO  
Calculations indicate test @ 3:00 PM

11. 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). Requirements cited in this review do not relieve the owner, licensed fire suppression system contractor, Professional Of Record, etc. from complying with all the applicable code requirements.

12. This fire protection system review is limited to the original plan review scope as per State Fire Marshal letter P0277358.

13. This review applies to smooth, flat ceilings only.
14. This review applies to noncombustible construction only.
15. **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.

**Occupancy of the project is permitted only upon the receipt of the applicable Contractor's Material & Test Certificate as per NFPA 13, Fire Alarm System Certificate and Description as per NFPA 72, or other certification as required by the applicable codes and a satisfactory inspection of the completed construction had 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.**

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.

REVIEWED BY:  
DONNA LEBLANC  
MECHANICAL ENGINEER

CC:  
Living Word International Ministries  
American Sprinkler Co Inc  
Property Insurance Association\*  
St Tammany Fire Protection District No 1\*  
City Of Slidell\*  
New Orleans District\* 5042194600