

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

FIRE SUPPRESSION SYSTEM

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

RE: P0390020
HONAKER CREMATORY #103
1751 W GAUSE BLVD
SLIDELL, LA 70458

NFPA 101, 2009

INDUSTRIAL

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:

- 1. Scope of Work: This new construction review is for a new sprinkler system to protect a new crematory area of a new funeral home. Please note the shop drawings indicate a 2 hour rated wall between the crematory area and the non sprinklered areas of this building.**
 - A. 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.**
 - B. 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.

C. This fire protection system review is limited to the NEW CONSTRUCTION of the original plan review scope as per State Fire Marshal letter P0371441.

D. The submitted calculations have been reviewed for general conformance with the requirements of NFPA, as qualified above. It is the responsibility of the system designer and the Professional of Record to verify that the calculations accurately depict the system as installed.

E. This review applies to the riser(s), piping lay-out and sprinkler head locations, for compliance with NFPA 13, 2007 edition, 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.

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

a) A city water supply of 53 psi static, 37 psi residual, flowing 581.25 gpm. Flow test taken on 11/9/2010 at 10:00am by American Sprinkler Company. Safety Margin 17.073 psi.

G. 13.8.5.1.1 Sprinklers shall be located, spaced, and positioned in accordance with the requirements of Section 8.5.

H. 13.6.7.1.3 Fire service main valves and multipurpose fire service/domestic main valves on private property, controlling water supplies to fire sprinkler systems shall be listed indicating valves.

a) Exception No. 3 A non-indicating valve, such as an underground gate valve with roadway box, is acceptable, provided the non-indicating valve is located within a municipal right of way or a municipal servitude.

I. 13.8.17.2.1 Locations for proposed fire department connection(s) - FDC and fire hydrant(s) - FH within this scope of work, shall be acceptable to the local fire department. Submit to the SFM Inspector, a statement from the local fire department, that the FDC and FH as proposed, are acceptable. Statement to acknowledge proposed outlet diameters, fitting type and thread type, indicating compatibility with local fire department equipment. In lieu of a signed statement, the local fire department may indicate review of the FDC and FH by stating such on the shop drawings bearing the State Fire Marshal review stamp.

J. 13.22.4.4.7 Review is based on the following backflow preventer: Manufacturer Watts, Model 757 DCDA, Size 4 inch. If any other manufacturer, model number, or size of backflow preventer is contemplated for substitution, provide applicable documentation to this office for review, complete with supporting hydraulic calculations, prior to installation. Inspector to verify installation of the above referenced backflow preventer. Pressure loss of backflow preventer indicated as (3.858PSI)

K. 13: 8.16.4.1.1 Unless the requirements of 8.16.4.1.2 (small unheated areas protected by anti-freeze systems or by other systems specifically listed for this purpose, including but not limited to listed heat tracing systems) are met, where portions of systems are subject to freezing and temperatures cannot reliably be maintained at or above 40 deg. F, sprinklers shall be installed as a dry pipe or preaction system.

L. Review performed by Ron Mathis under the supervision of Linda Burch. Please feel free to contact Linda Burch at 800-256-5452 for any questions regarding this review.

M. 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:
RON MATHIS
PLAN REVIEW DEPUTY

CC:
Honaker Funeral Home
American Sprinkler Co, Inc
Property Insurance Association*
St Tammany Fire Protection District No 1*
City Of Slidell*
New Orleans District* 5044557313