



649-7679

*ASAP SEND  
OR CIRCULARS  
PRIVATE*

**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

1898

H "BUTCH" BROWNING  
FIRE MARSHAL

**INFORMATION REQUEST  
NOT - FOR - PERMITTING**

ROBERT SOLLBERGER ARCHITECT  
DAMMON ENGINEERING  
1095 FLORIDA AVE  
SLIDELL, LA 70458-0000

RE: P0351857  
PLATFORM CRANE OFFICE BUILD.  
60461 DOSS DRIVE  
SLIDELL, LA 70458

*John  
moves  
used  
copy*

NFPA 101, 2006  
BUSINESS

*MONITORED YES OR NO  
90 FIRE*

Dear Applicant:

Additional information is required to perform a proper review. The project referenced above is being held pending submission of the following information:

1. 13:11.2.3.3 Room Design Method.
  - 13:11.2.3.3.3 To utilize the room design method, all rooms shall be enclosed with walls having a fire-resistance rating equal to the water supply duration indicated in Table 11.2.3.1.2.
  - 13: 11.2.3.3.5 Minimum protection of openings shall be as follows:
    - (1) Light hazard -- non-rated automatic or self closing doors
    - (2) Light hazard with no opening protection -- Where openings are not protected, calculations shall include the sprinklers in the room plus two sprinklers in the communicating space nearest each such unprotected opening unless the communicating space has only one sprinkler, in which case calculations shall be extended to the operation of that sprinkler. The selection of the room and communicating space sprinklers to be calculated shall be that which produces the greatest hydraulic demand. For light hazard occupancies with unprotected openings in walls, a minimum lintel depth of 8 in. is required for openings and the opening shall not exceed 8 ft in width. It shall be permitted to have a single opening of 36 in or less without a lintel, provided there are no other openings to adjoining spaces.
    - (3) Ordinary and extra hazard -- Automatic or self-closing doors with appropriate fire-resistance ratings for the enclosure.

NOTE : 13:11.2.3.1.3 The lower duration value of Table 11.2.3.1.2 shall be acceptable only where the sprinkler system waterflow alarm device(s) and supervisory device(s) are electrically supervised and such supervision is monitored at an approved, constantly attended location.

**POR DOCUMENT AUTOMATIC OR SELF-CLOSING DOORS WITH APPROPRIATE FIRE RESISTANCE RATINGS FOR THE ENCLOSURE AT THE WAREHOUSE AREAS**

**POR, IS THE SPRINKLER SYSTEM MONITORED ? WHAT IS THE RATING OF THE WALLS AT THE WAREHOUSE AREA ?**

2. 13:22.1.3 Working plans shall show :

(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.23.1.3 ).

(28) Private fire service main ... 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

3. 13:11.1.5.4 Water allowance for outside hose shall be added to the sprinkler requirement at the connection to the city main or a yard hydrant, whichever is closer to the system riser.

4. POR provide manufacturer data sheets for the underground pipe.

5. NOTE: Please enclose a copy of this letter with future submittals or other correspondence pertaining to this project.

Due to the lack of information, the referenced project has NOT been reviewed. Please direct the requested information to my attention. Processing will continue upon receipt of the information requested above. Enclose a copy of this letter with future submittals and/or other correspondence pertaining to this project.

This project will be returned as "NOT IN COMPLIANCE" if the requested information is not received by this office within 21 days of the date of this letter, thereby requiring a RESUBMITTAL of the entire project along with a new completed application and appropriate review fee.

CONSTRUCTION IS NOT AUTHORIZED until a satisfactory review has been performed and a formal review letter has been issued by this office.

REVIEWED BY:  
DONNA LEBLANC  
MECHANICAL ENGINEER

CC:  
Kb Kauffman  
Jefferson Sprinkler, Inc  
Property Insurance Association\*  
St Tammany Fire Protection District No 1\*  
City Of Slidell\*  
New Orleans District\* 5042194600

**STATE OF LOUISIANA**  
 Department of Public Safety and Corrections  
 Office of State Fire Marshal Code Enforcement and Building Safety  
 411 Independence Boulevard  
 Baton Rouge, Louisiana 70804  
 225-925-4920

H "BUTCH" BROWNING  
 FIRE MARSHAL

**FIRE SUPPRESSION SYSTEM**

ROBERT WILTSE  
 DAMMON ENGINEERING INC  
 1093 FLORIDA AVE  
 SLIDELL, LA 70458-0000

RF: P0350423  
 PLATFORM CRANE OFFICE BUILDING  
 60461 DOSS DRIVE  
 SLIDELL, LA 70458

NFPA 101, 2016

BUSINESS

1898

Dear Applicant:

AUG - 8 2008

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 concessions 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 R 5 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 2003 EDITION OF THE NFPA 101 LIFE SAFETY CODE APPLIES FOR THIS REVIEW (DISREGARD THE 2016 REFERENCE ABOVE)

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

1. 13: 8.15.3.1.1 Unless the requirements of 8.15.3.1.2 (small unheated areas protected by anti-freeze 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.
  - The deficiency is that the wet sprinkler piping is indicated to be in an "attic-like" space, which is not indicated to be heated, above the ceilings.

Provide a permanently installed method of maintaining heat to the piping in the "attic-like" space, above the ceilings. Verify provision of heating.

Aug 7 2008  
 P0350423 - PAGE 1

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

2. This fire protection system review is limited to the original plan review scope as per State Fire Marshal letter P0336522.
3. This review applies to the automatic sprinkler system, for conformance with NFPA 13, 2002 edition, as shown on the drawings for the above referenced project.
4. 13: 13.1.1 This review is based on a system indicated as supplied by a city water supply of 36 psi static and 30 psi residual pressure, flowing 530 g.p.m. through a city main (neither size nor dead-end or circulating are described); test indicated as performed by Jefferson Sprinkler, Inc. on June 11, 2008 at 11:20 AM.
5. 13: 13.1.2 The system, at the Warehouse, was reviewed as an ordinary hazard (Group 2) Miscellaneous Storage design approach. The calculations indicate the following system demand, as submitted:
  - a) 36 psi at 186 gpm at the base of riser (backflow preventer inlet) and 27 psi at 436 gpm at the source; indicating 3.6 psi safety margin.
  - b) The system demand is based on a minimum discharge density of 0.20 gpm/ft<sup>2</sup> over a 1030 ft<sup>2</sup> design area, utilizing the area reduction allowed by 11.2.3.2.3.1 for the use of quick response sprinklers beneath a ceiling not more than 13'-6" high.
  - c) The system demand includes the discharge of K - 8.0, quick response standard coverage sprinklers and allows 250 gpm outside hose flow.
  - d) The calculations include 4.0 psi residual pressure loss, based on the installation of the following backflow preventer: Manufacturer: Ames, Type: Double Check, Model Number: C01 C1001P/C, Size: 6 inch, at the base of riser.
6. LRS 44: 1374 Based on the information provided on the drawings submitted for review, this review does not include the following:
  - a) 13: 8.14.1.1 and 13: 11.2.3.1.3 (3) Concealed spaces enclosed by combustible construction or containing significant amounts of combustibles not meeting a specific Exception to both of these sections. (If sprinklers are omitted, due to the concealed spaces conforming to provisions of 8.14.1.2.1 through 8.14.1.2.15, but not conforming to 11.2.3.1.6 (4), the minimum required area of sprinkler operation would be 3040 ft<sup>2</sup>, which has not been calculated.)
  - b) Verify that any combustible paper or vinyl faced batt insulation in concealed spaces above ceilings or under the roof and/or installed vertically at walls of attic-like spaces above ceilings conforms to both 13: 8.14.1.2.12 and to 13: 11.2.3.1.8 (4)(c), for the manner in which it is installed.
  - c) Verify that the finished wall framing at the perimeter of the building is not combustible.
  - d) 13: 13.1.5 and 12.1.10.1 Miscellaneous Storage, that exceeds: class IV commodities, to more than 12 ft in height (piled or on shelf), class IV commodities, to more than 10 ft in height (in racks), or group A plastics (or equivalent) to more than 8 ft, in height.
  - e) 13: 8.14.7.1 and .2 Unsprinklered exterior roofs and canopies of combustible construction or flammable over 4 ft, wide.

Aug 3, 2008  
P0336423 - PAGE 3

- Also, per 8.14.7.2, verify that any foamed plastic "P.I.F.S.", if used as canopy ceilings, is classified, by testing, as a limited-combustible material. See 3.3.14 for definition of Limited-Combustible Material and 3.3.16 for definition of Noncombustible Material.

7. 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 L.A.R.S. 37:133) 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(s) to the sprinkler system, which affect the hydraulic design as submitted, the Professional of Record (when required by L.A.R.S. 37:133) 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. Re-review of submitted changes will be facilitated by an Amended Letter to the existing project number (PN number) appearing in the heading of this letter, above.

For example, if the letter requires that piping, devices, or an area be heated, installation of the device to supply heat needed to conform with the requirements of the referenced section of the Code or Standard is adequate. Correspondence and acknowledgment would not be needed. If, however, other means are taken, correspondence to Linda Burch of this office would be required.

8. **NOTE:** Please enclose a copy of this letter with future submittals or other correspondence pertaining to this project.
9. Two sets of drawings, one set of calculations, and one set of equipment data were received for review, and were returned in the following manner:
- a) One set of drawings, calculations, and equipment data were marked by review as "set 1 / 2", and, bearing the State Fire Marshal review stamp on the drawings, were returned to the applicant.
  - b) One set of drawings was marked by review as "set 2 / 1", and, bearing the "Copy... Not Be Used For Compliance Verification" stamp, were returned to the fire suppression system sub-contractor.

Changes in 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 AS 37:133, 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.

Aug 3, 2018  
P0350423 - (P.A.) 2



Windows Live

Hotmail

Outlook

OneCare

MSN

**Inbox (9)**

New

Reply

Reply all

Forward

Delete

Junk

**Junk (55)**

Drafts

Sent

Deleted

kaufmann

Spam

Manage folders

Add an e-mail  
account

Today

Mail

Contacts

Calendar

Move to 

Options

**FW: Platform Crane****From:** Raymond Strohmeier (raymonds@jeffersonsprinkler.com)**Sent:** Fri 9/12/08 9:54 AM**To:** Terrence Honore (terrencehonore9@msn.com)**From:** Raymond Strohmeier**Sent:** Thursday, September 11, 2008 10:03 AM**To:** 'David Kaufmann'**Subject:** FW: Platform Crane

Just a little more info to help resolve Donna's issues

**From:** Judi Gardner**Sent:** Wednesday, September 10, 2008 6:32 PM**To:** Raymond Strohmeier**Subject:** RE: Platform Crane

Raymond,

I attached the text of our July 16th correspondence for your reference. The ceilings were removed in a large portion of the building, The system was redesigned and resubmitted. The design without ceilings of course is more demanding because we can't take the reduction in area. The system is very close with the hose added at the hydrant near the building, but it is .09 over the curve. As you can see from the plan the location of our flow test was 600+ feet from the building. There is a hydrant very close to the building that may not have been in service at the time the flow was made. That is where Donna wants the hose allowance added. The plans show rated walls at the warehouse areas. If the doors are rated that issue should be satisfied with a letter from Chuck. If you can get a new flow test with static at the nearest hydrant maybe it will work. That is the only thing I can suggest. In my opinion increasing pipe sizes isn't an option because the mains are already 6" and the flow at the hydrant is so low.

Judi

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**From:** Raymond Strohmeier  
**Sent:** Wed 7/16/2008 8:50 AM  
**To:** Judi Gardner  
**Cc:** Ronnie Gardner  
**Subject:** RE: Platform Crane

That sounds good THANKS

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**From:** Judi Gardner  
**Sent:** Wednesday, July 16, 2008 5:00 AM  
**To:** Raymond Strohmeier  
**Cc:** Ronnie Gardner  
**Subject:** Platform Crane

Tenant spaces "B" & "C" will not be built out at this time. The head count changed from 203 pendants to 55 pendants and 156 uprights.

I am working on a redesign and resubmittal. I do not at this time know what the status of the original submittal is.

Due to the fact that the ceilings are being removed I will not be able to reduce the remote area, and the mains will now be 6" instead of 4".

I will have a list by the end of the day.

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**From:** Raymond Strohmeier  
**Sent:** Wed 9/10/2008 9:52 AM  
**To:** Judi Gardner  
**Cc:** Ronnie Gardner  
**Subject:** RE: Platform Crane

Judi I looked at this file yesterday afternoon and it looks like we have an approved letter from John Moore PO350423 dated Aug 3<sup>rd</sup>.

Why did we resubmit with another review fee? I guess Donna got the second submittal when John should have got it.

I did forward this to Dave Kaufmann maybe he can have Chuck take care of this?

---

**From:** Judi Gardner  
**Sent:** Wednesday, September 10, 2008 8:57 AM  
**To:** Raymond Strohmeyer  
**Cc:** Ronnie Gardner  
**Subject:** Platform Crane

Raymond,

I sent this hold letter to Terry, and I forwarded our correspondence to you in a separate email.

Chuck needs to address comment #1.

In regard to comment #2:

Jefferson flowed hydrants on Powell Dr. and I calculated the system back to the point of connection with the hose allowance at the point flowed. However, there is a hydrant near the building. I ran the calcs again and added the hose allowance at this hydrant. This put the system .09 over the curve.

As you know the water supply at this site is very poor. The only thing I could suggest would be to make another flow test and use the hydrant closest to the building.

Judi

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