

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

PAUL SMITH
FIRE MARSHAL

NEW CONSTRUCTION

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

RE: P0337937
HIGHLANDS INDUSTRIAL PARK
LOTS 8 & 9 HERMAN DR
BELLE CHASSE, LA 70037

NFPA 101, 2003

BUSINESS
STORAGE

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:

- 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, **IS NOT INCLUDED IN THIS REVIEW**. Contact the building official of the applicable political subdivision to coordinate compliance with these requirements. LRS 40:1730.23 mandates the enforcement of building codes by municipalities and parishes in Louisiana, as described by LRS 40:1730.28.

Note: In accordance with the Louisiana State Construction Code Council rules, LAC 55:VI, Chapter 5, Section 505, until December 31, 2007, where a parish or municipality is not providing plan review, then architects, engineers, owners, parishes or municipalities on commercial projects may request International Building Code plan review by the Office of the State Fire Marshal. Also in accordance with LRS 40:1730.39.A, this office may establish contract agreements with municipalities and parishes in order to provide code enforcement on their behalf, as provided in LRS 40:1730.24. Please visit our web site at <http://www.dps.state.la.us/sfm/index.htm> for a current list of jurisdictions requesting plan review by this office, a fee schedule, and a checklist of information required for review.

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

- LAC 55:V:303.D Provide listed portable fire extinguishers in accordance with NFPA 10. (Refer to Appendix E for distribution information.)**

Nov 19, 2007
P0337937 - PAGE 1

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

3. This exception is intended to apply to the storage and industrial portions of the building only.

After consultation with the Office of Rehabilitation Services, it has been determined that this office will not require the storage/industrial area(s) and associated toilet/bath portions of this facility to comply with any of the ADA-AG or LSC requirements for individuals with disabilities, with the following stipulations:

1. No floor plan modifications are permitted. Office additions and spaces created which constitute a change in use will require the upgrading of all existing non-complying features to conform with the provisions for new construction.

2. Provide features of accessibility for the public and administrative areas.

3. Visual alarm notification shall be provided if a fire alarm system is required by Code.

4. If a complaint is received about discrimination in hiring of handicapped individuals or concerning handicapped accessibility to any part of the facility, then this office shall reserve the right to investigate the complaint and, if justified, shall reserve the right to require the facility or a portion thereof to be upgraded to comply with the accessibility requirements enforced by this office.

5. Please note that this document indicates specific compliance with state regulations and does not guarantee nor attempt to circumvent compliance with federal law.

4. 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) 4.8 Slope of ramps shall not exceed 1:12.

b) 4.9.4(2) Handrails at stairs shall extend at least 12" beyond the top riser and at least 12" plus the width of one tread beyond the bottom riser (See Figure 19).

5. 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.

6. LRS 40:1711 Provide safety glazing in hazardous locations.

7. 101:7.2.2.2.1 Stairs shall comply with the appropriate Stair table.

a) 44 inch minimum width.

b) 7" maximum and 4" minimum rise.

- c) 11" minimum tread depth.
 - d) 6'-8" minimum headroom.
 - e) 12 feet maximum height between landings.
 - f) Landings (See 7.2.1.3, 7.2.1.4.4 and 7.2.2.3.2).
 - g) Stair treads shall be uniformly slip resistant.
8. 101:7.2.2.4.4.7 and 7.2.2.4.4.6(1) Handrails shall be continuously graspable along the entire length. Handrails shall be from 1-1/4" to 2" in diameter.
 9. 101:7.2.2.4.4.5 Provide a minimum clearance of 2-1/4" between the handrails and the walls or guards to which they are attached.
 10. 101:7.2.2.4.5.2 and 101:7.1.8 Guard rails shall be at least 42" high and are required when a change in elevation exceeds 30". Provide at the open side(s) of stairs, ramps and landings.
 11. 101:7.2.2.4.5.3 Guard rail openings shall be such that a 4" diameter sphere shall not pass through, up to a height of 34".
 12. 101:7.2.1.5.9 Doors shall be openable with ONLY one releasing operation. A two-step release, such as a knob and an independent slide bolt, is NOT acceptable.
 13. 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.
 14. LRS 40:1651 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.
 15. 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.
 16. LRS 40:1653 and 40:1628 All work and inspections of fire alarm, fire suppression, automatic sprinkler and fire extinguishing systems or portable fire extinguishers shall be performed by a State of Louisiana certified agent.
 17. 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, 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.

18. **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.**
19. **NFPA 10:5.1.4 Provide portable fire extinguishers within the following travel distances (See Tables 10:5.2.1 and 5.3.1);**
 - a) **Travel distance to a fire extinguisher shall not exceed 75 feet for Class A, C and D fires.**
 - b) **Travel distance to a fire extinguisher shall not exceed 30 feet for Class B fires (liquids). (50 feet allowed for Light (low) Hazard 10-B, Ordinary (moderate) Hazard 20-B and Extra (high) Hazard 80-B.)**
 - c) **Travel distance to a fire extinguisher shall not exceed 30 feet for Class K fires (cooking appliances).**
20. **NFPA 10:1.5.10 Top of fire extinguisher, having a gross weight less than 40 lb, shall be not more than 5 feet above the floor; 3-1/2 feet if gross weight 40 lbs or greater.**
21. **Compliance with the 2005 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.**
22. **HVAC system shall be constructed in accordance with 101:9.2.**
23. **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.**
24. **Residential cooking equipment in warming kitchen shall only be used for warming or limited cooking that produces no grease-laden vapors. Otherwise, cooking equipment shall be protected in accordance with NFPA 96. (See NFPA 96:1.1.4 and ANNEX statement A.1.1.4).**
25. **LRS 40:1730.45 and LAC 55:V:2601 The documentation provided for the subject facility appears to comply with The Commercial Building Energy Conservation Code based on ANSI/ASHRAE/IESNA 90.1- 2004, or the International Energy Conservation Code, 2006 edition, as applicable.**
26. **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 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:
OTIS RAMKE
ARCHITECT

CC:
Insul-tech
Sheila Robeaux
New Orleans District* 5042194600