

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

NEW CONSTRUCTION

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

RE: P0362619
PYTHON CONSTRUCTION OFFICE
WAREHOUSE
TRACT 361 OF N OAKLAWN
LACOMBE, LA 70445-0000

NFPA 101, 2006

BUSINESS

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:

- 1. 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 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.

- 2. LRS 40:1730.45 and LAC 55:V:2601 The documentation provided for the subject facility does not appear to comply with The Commercial Building Energy Conservation Code.**

NOTE: Your energy code submittal is the incorrect standard. The correct standard is Standard 90.1, 2004 edition.

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

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a) NFPA 10.3.3.4 Classifications for fires:

Class A fires-fires in ordinary combustible materials, such as wood, cloth, paper, rubber and many plastics.

Class B fires-fires in flammable liquids, combustible liquids, petroleum greases, tars, oils, oil-based paints, solvents, lacquers, alcohols and flammable gases.

Class C fires-fires that involve energized electrical equipment.

Class D fires-fires in combustible metals.

Class K fires-fires in cooking appliances that involve combustible cooking media (vegetable or animal oils and fats.) (FOR USE ONLY AFTER ASSOCIATED FIRE SUPPRESSION SYSTEM HAS ACTIVATED AND ELECTRICAL POWER TO THE COOKING APPLIANCES HAS SHUNTED)

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

4. This exception is intended to allow the exemption from 'truncated dome' provisions of the ADA-AG at areas requiring detectable warning surfaces.

After consultation with the Office of Rehabilitation Services, it has been determined that this office will not require this facility to provide 'truncated domes' as the tactile warning at areas required to provide detectable warning surfaces, with the following stipulations:

1. The only acceptable alternative tactile warning at areas required to provide detectable warning surfaces is a surface with a profile of minimum 1/4" deep grooves that are spaced 2" to 3" on center and scored into concrete at all locations that detectable warning surfaces are required. The scoring shall run perpendicular to the path of travel. A grid scoring pattern is permissible.

2. Other than the profile of the tactile warning, the detectable warning surface must comply with Section 4.29 of the ADAAG. (Note that the area of the detectable warning surface must have an integral color that contrasts with adjacent pedestrian and vehicular way surfaces.)

3. This exemption does not apply to public rights of way.

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.

NOTE: This exemption is for the warehouse portion of the main building and the equipment storage building.

5. 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.

NOTE: This exemption is for the warehouse portion of the main building and the equipment storage building.

6. 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) 4.5 Ground and floor surfaces shall be stable, firm, and slip-resistant.
 - b) 4.17 Provide at least one standard stall as shown in Figure 30(a) or 30(a-1).
 - c) 4.13.9 Door hardware shall comply with this section. Hardware shall not require tight grasping, tight pinching, or twisting of the wrist to operate.
 - d) 4.1.3(16)(a) Provide low level mounted exit signage in accordance with 4.30.1, 4.30.4, 4.30.5 and 4.30.6 (raised character, letter size, mounting) at all required exit doors to the exterior, exit stair doors and horizontal exit doors.
7. 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.
8. LRS 40:1711 Provide safety glazing in hazardous locations.
9. 101:7.2.2.2.1 / 101:7.5.4.4 Stairs shall comply with the appropriate Stair table and ADA-AG.
- a) 44 inch minimum width (48" minimum clear width between handrails at stairs used within an accessible means of egress - See 101:7.2.12.2.3).
 - 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.
10. 101:7.2.2.4.1 Stairs and ramps shall have handrails on both sides and shall be provided within 30 inches of all portions of the required egress width of stair.
 11. 101:7.2.2.4.4.1 Handrails shall be no lower than 34" nor higher than 38" above the leading edge of the tread surface.
 12. 101:7.2.2.4.4.10 Where a stair handrail is not continuous between landings, it shall continue to slope for a depth of one tread beyond the bottom riser and shall extend 12" level with the landing at the top riser. In addition, if a handrail is to provide for handicapped accessibility, an additional 12" extension is required at the bottom level with the landing in accordance with ADAAG 4.9.4(2).
 13. 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.
 14. 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.
 15. 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, LANDINGS and BALCONIES.
 16. 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".
 17. 101:7.2.2.2.3.1 Spiral stairs shall meet all listed requirements of 7.2.2.2.3.2, 7.2.2.2.3.3, or 7.2.2.2.3.4.
 18. 101:7.2.1.3.1 and 7.1.6.3 The floor elevation shall not change by more than 1/2" from one side of a door to the other.
 19. 101:7.2.1.5.9 Doors shall be capable of being opened with ONLY one releasing operation. A two-step release, such as a knob and an independent slide bolt, or an additional exit request button, is NOT acceptable.
 20. 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.

Submit a "REQUEST FOR EXEMPTION" for special locking arrangements in accordance with Interpretive Memorandum 2006-03 available on our website at <http://www.dps.louisiana.gov/sfm/> under the PLAN REVIEW / FORMS section. Also see Interpretive Memorandum 2006-04 for clarification regarding "magnetic lock releasing devices".

NOTE: The "Life Safety and Property Protection Licensing Law" (LRS 40:1664 et seq.) requires locksmiths to be licensed. Contact the licensing section of this office at 225.925.7047 for guidance and assistance.

21. 101:7.2.12 Area of Refuge:
 - a) An area of refuge shall have direct access to an elevator or stair.
 - b) Elevator or stair access shall not require leaving an area of refuge.

- c) A stair from an area of refuge shall be a minimum of 48" clear between handrails.
 - d) Provide two-way communication between an area of refuge and a central control point.
 - e) The two-way communication system shall;
 - 1. include posted instructions explaining how to use the system,
 - 2. include written identification of the location of the area of refuge,
 - 3. be in accordance with A-7.2.12.2.6 and ADA-AG 4.3.11.4,
 - 4. be in accordance with ADA-AG 4.3.11.5 for telephones.
22. 101:7.2.12.3 Area of refuge details:
- a) Wheelchairs shall be accommodated at 1 for each 200 occupants.
 - b) Tenable conditions shall be maintained, within any area of refuge that does not exceed 1000 sq. ft., for 15 minutes.
 - c) Provide 1-hr separation with 20 minute self-closing or automatic-closing doors for the area of refuge.
 - d) A smoke damper shall be provided for each duct which penetrates a rated wall in an area of refuge.
 - e) Provide an identification sign at each area of refuge.
 - f) Door to an area of refuge shall be identified with required tactile signage.
 - g) An exit which is not handicap accessible shall be so identified with signage. Include directional signage to the nearest area of refuge.
 - h) All required signage shall be illuminated in accordance with 7.10.
 - i) Required signage shall be in accordance with ADA-AG 4.3.11.5.
23. 101:7.5.2.1 Exit access shall not be through kitchen, storeroom, workroom or similar space.
- Note: Egress from the business portion of the first floor shall not be through the warehouse area.
24. 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 or floor 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.
25. 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.
26. NFPA 10:5.1.4 Provide portable fire extinguishers within the following travel distances; rectilinear route measure:
- a) Travel distance to a fire extinguisher shall not exceed 75 feet for Class A, C and D fires. Table 10:5.2.1 and 10:5.5 and 10:5.6.
- b) Travel distance to a fire extinguisher shall not exceed 30 feet for Class B fires (liquids). (May be increased to 50 feet for Light (low) Hazard fires with 10-B extinguisher, for Ordinary (moderate) Hazard fires with 20-B extinguisher, and for Extra (high) Hazard fires with 80-B extinguisher.) Table 10:5.3.1.
- c) Travel distance to a fire extinguisher shall not exceed 30 feet for Class K fires (cooking appliances). NFPA 10:5.7
- For classification of Hazards see 10:1.4.1 (Light/Low), 10:1.4.2 (Ordinary/Moderate): 10:1.4.3 (Extra/High)
27. NFPA 10:1.5.6 Fire extinguishers shall not be obstructed or obscured from view.
28. NFPA 10:1.5.3 Fire extinguishers shall be conspicuously located where they will be readily accessible and immediately available in the event of fire. Preferably they shall be located along normal paths of travel, including exits from areas.
29. 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; if gross weight 40 lbs or greater, 3-1/2 feet above the floor.
30. HVAC system shall be constructed in accordance with 101:9.2.
31. 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.
32. NFPA 90A:6.4.4.3 Where smoke detectors required by Section 6.4 are installed in a building NOT equipped with an approved protective signaling system as specified by 6.4.4.2:
- a. The smoke detector activation required by Section 6.4 shall cause a visual AND an audible signal in a normally occupied area, and
- b. Smoke detector trouble conditions shall be indicated visually OR audibly in a normally occupied area and shall be identified as air duct detector trouble.
- Provide a remote alarm indicator/annunciator in accordance with NFPA 72:6.10.2 for these conditions.
33. Residential cooking equipment in BREAK ROOM 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). (NOTE: Type "K" portable fire extinguishers shall NOT be installed in areas housing electrical cooking appliances, unless the appliance electrical system is shunted upon activation of an approved hood suppression system.)
34. 101:7.1.5 Suspended unit heaters shall have a minimum clearance of 6'-8" above finished floor.

35. 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:
Python Corp
Division Of Permits & Inspections (Stam)*
New Orleans District* 5042194600