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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

RENOVATION

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

RE: P0319133
WINGS PIZZA N THINGS
550 GAUSE BLVD
SLIDELL, LA 70458-0000

NFPA 101, 2003

ASSEMBLY 300 OCCUPANTS OR LESS

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:

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

1. **This review applies to new work indicated in the drawings and does not apply to existing non-conforming conditions.**
2. **LRS 40:1731-(Effective 8/15/95) Provide handicapped accessibility 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) **4.5.2 Thresholds shall comply with requirements of this section regarding changes in level. (Not more than 1/2" height and beveled if over 1/4").**
 - b) **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.**
 - c) **4.1.3(16) Permanent signage shall comply with 4.30.**
 1. **Signage, where provided for permanent rooms and spaces shall provide;**
 - a. **braille and raised lettering as per 4.30.4,**
 - b. **letter/symbol to background color contrast as per 4.30.5, and**
 - c. **a 60" height from floor to the centerline of the sign as per 4.30.6.**
 2. **Other permanent signs which provide direction to or information about functional spaces of the building shall provide;**

- a. letter character width to height proportion as per 4.30.2,
 - b. character height proportion based on height of sign from finish floor as per 4.30.3, and
 - c. letter/symbol to background color contrast as per 4.30.5.
3. 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. Provide level landings on both sides of exit doors.
 4. 101:7.2.1.3 Provide landings outside exterior doors level with the interior finish floor.
 5. 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.
 6. 101:12.2.2.2 Doors in a required means of egress serving this occupancy may be provided with a latch or lock only if it is panic hardware.
 7. Inadequate electrical systems have been found to be a major cause of fires throughout the state. The "Professional of Record" (Architect/Engineer) if required by LRS 37:155, otherwise, the Owner shall comply with the 2002 NFPA 70, National Electrical Code, for all proposed electrical work in this submittal. Electrical work/modifications may include, but not limited to the following: lighting fixtures (interior, exterior and site); receptacles; panelboards; panel schedules; load schedules; utility company or service transformer KVA size, number of phases, voltage and secondary short circuit amps; fixture schedules; wire type, size and circuiting; single line diagram; properly sized new and existing protective equipment, including service disconnect(s), panelboard(s), circuit breakers and fused switches, sized for available short circuit amps; properly sized system grounding conductor and grounding electrode(s); connection of the system grounding and bonding at the service disconnect enclosure(s); properly sized overload or overcurrent and short circuit protective devices for conductors, motors, transformers and equipment; properly sized conductors for equipment grounding and bonding of all metallic conduit and enclosures; installation of ground fault circuit receptacles; etc.
 8. HVAC system shall be constructed in accordance with 101:9.2.
 9. 101:9.2.3 Construct and install kitchen exhaust hood, vent and automatic extinguishing system in accordance with NFPA 96 (2001).
 - a) 96:4.2.1 Hoods, grease extractors and ducts shall have a clearance of at least 18 in. to combustible materials, 3 in. to limited combustible materials and 0 in. to noncombustible materials, unless otherwise "listed".
 - b) 96:5.1.1 The hood shall be constructed of not less than 18 gauge steel or 20 gauge stainless steel.
 - c) 96:5.1.2 All seams, joints and penetrations shall have a liquidtight continuous external weld.
 - d) 96:5.1.2 Hood penetrations shall be permitted to be sealed by devices listed for such use. Furnish the name of the manufacturer and model designation of each device as listed with an approved independent testing laboratory.
 - e) 96:6.1 Provide listed grease removal system or listed grease removal filters. Listed grease filters shall be tested in accordance with U.L. 1046, "Grease Filters for Exhaust Ducts". Mesh filters shall not be used.
 - f) 96:7.5.1 Ducts shall be 16 gauge steel or 18 gauge stainless steel.
 - g) 96:7.8 Exhaust system shall terminate at exterior of building in accordance with this section.

h) 96:7.1 Dampers shall not be installed in ducts unless specifically listed for such use.

i) 96:10.1.2 Provide an approved automatic extinguishing system.

j) 96:10.3.1 Activation of any extinguishing system that protects cooking operations shall automatically shut off all sources of fuel and electric power to all appliances protected by that system.

k) 96:10.10.1 Provide portable fire extinguishers in all kitchen cooking areas in accordance with NFPA 10. Class B "gas type" portables, such as carbon dioxide and halon, shall NOT be permitted in kitchen cooking areas.

NFPA 10 requires fire extinguishers provided for the protection of cooking appliances that use combustible cooking media (vegetable or animal oils and fats) to be listed and labeled for "Class K" fires.

l) 96:12.1.2.4 All deep fat fryers shall be installed with at least a 16 in. space between the fryer and surface flames from adjacent cooking equipment.

m) 96:14.3.2 All solid fuel cooking equipment shall be served by hoods and duct systems that are separate from all other cooking exhaust systems.

10. LRS 40:1651 Submit chemical fire suppression 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. Submittal shall include a copy of this letter and shall be in accordance with the rules for such by this office. (Systems include hoods, halon, wet or dry chemical systems, etc.)
11. 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.
12. 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.
13. LAC 55:V:303.D Provide listed portable fire extinguishers in accordance with NFPA 10. (Refer to Appendix E for distribution information.)
14. 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 applies to work indicated in the drawings or specifications. Existing portions of the facility of building unaffected by the new work shall comply with LAC 55:103B thru 55:103F.

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:
GENE BATES
ARCHITECT

CC:
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