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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

NEW CONSTRUCTION

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

RE: P0324764
 NORTH LAKE MARINE INC
 111 WEST HALL AVENUE
 SLIDELL, LA 70458-0000

NFPA 101, 2003

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. **The scope of this review applies to the new construction of a Business / Storage Occupancy.**

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

2. **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 PARTS / SERVICE AREA.**
3. **LAC 55:V:303.D Provide listed portable fire extinguishers in accordance with NFPA 10. (Refer to Appendix E for distribution information.)**
NFPA 10:1.5.6 Fire extinguishers shall not be obstructed or obscured from view.
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.

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

4. **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.

5. **Building Planning:**

a) **Proposed Occupancy/Use Group Classification:**

The occupancy is Group M and S per IBC Section(s) 304 and 311.

b) **Special Occupancy Areas:**

NONE

c) **Incidental/Accessory Use Areas:**

NONE

d) **Construction Type/Building Limitations:**

The construction type is indicated to be Type IIIB per IBC Section 602.

The proposed construction IS WITHIN the allowable height and area limitations of Table 503.

6. **Fire-Resistance-Rated Construction and Interior Finishes:**

APPEARS TO COMPLY.

7. **Fire Protection Systems:**

The building is NOT provided with an automatic sprinkler system. The system is NOT required by IBC Section 903.

The building is provided with a fire alarm system. SEE SHEET E-3.

8. **Occupants:**

1) **Means of Egress:**

Refer to Life Safety Code review above for means of egress requirements.

9. **Structural:**

APPEARS TO COMPLY, SEE COVER SHEET.

NOTE: REMOVAL OF EXISTING SLABS AND DESIGN OF THE NEW FOUNDATION IS TO BE DONE BY ANOTHER DESIGNER, AND WAS NOT INCLUDED IN THIS SUBMITTAL. THE FOUNDATION DESIGN DOCUMENTS MUST BE SUBMITTED AND REVIEWED BY THIS OFFICE PRIOR TO CONSTRUCTION.

10. **Mechanical Systems:**

SEE SHEET M-1.

IMC 606.2.1 Smoke detectors shall be installed (IN THE RETURN) Air Systems with a design capacity greater than 2000 cfm.

101:9.2.1 Install smoke detectors (IN THE SUPPLY) 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.

ALSO NOTE THAT THE A/C UNITS ARE SPECIFIED AS 120/240 THREE PHASE, AND THE ELECTRICAL PANEL SCHEDULE IS SPECIFIED AS 120/240 THREE PHASE.

THE ELECTRICAL ENGINEER OF RECORD SHALL VERIFY THESE VOLTAGE SPECIFICATIONS ARE VALID FOR THIS PROJECT.

11. **Plumbing Systems:
APPEARS TO COMPLY**
12. **Fuel Gas:
APPEARS TO COMPLY**
13. **Electrical Systems:
THE ELECTRICAL PROFESSIONAL OF RECORD SHALL CHECK 120/240 THREE PHASE SPECIFICATIONS.**

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:
KENNETH ROBICHAUX
ELECTRICAL ENGINEER

CC:
North Lake Marine Inc
St Tammany Fire Protection District No 1*
City Of Slidell*
New Orleans District* 5042194600