

CORNERSTONE ARCHITECT, LLC.

ARCHITECT | PLANNER | INTERIOR DESIGNER
RESIDENTIAL | COMMERCIAL | RESTAURANT

June 28th, 2024

Attention: Development Services

220 SE Green
Lee's Summit, MO 64063

Project Title: Magic Noodles 2
Project Address: 1020 NW Pryor Road Suite 102
Permit Type: Commercial Tenant Finish

Fire Plan Review: Jim Eden

1. 2018 IFC 907.1.1- Construction documents. Construction documents for fire alarm system shall be submitted for review and approval prior to system installation. Construction documents shall include, but not be limited to, all of the following: 1. A floor plan which indicates the use of all rooms. 2. Locations of alarm-initiating and notification appliances. 3. Alarm control and trouble signaling equipment. 4. Annunciation. 5. Power connection. 6. Battery calculations. 7. Conductor type and sizes. 8. Voltage drop calculations. 9. Manufacturers, model numbers and listing information for equipment, devices and materials. 10. Details of ceiling height and construction. 11. The interface of fire safety control functions. Provide alarm modification plans for review and approval.

GC to submit alarm modification plans before any work.

2. 2018 IFC 505.1- Address numbers. New and existing buildings shall have approved address numbers, building numbers or approved building identification placed in a position that is plainly legible and visible from the street or road fronting the property. These numbers shall contrast with their background. In Multi-tenant commercial building where tenants have multiple entrances located on different sides of the building, each door shall be addressed. Address numbers shall be Arabic numerals or alphabet letters. Numbers shall be a minimum of 4 inches (102 mm) high with a minimum stroke width of 0.5 inch (12.7 mm).

Acknowledged.

3. 2018 IFC 901.2- Construction documents. The fire code official shall have the authority to require construction documents and calculations for all fire protection systems and to require permits be issued for the installation, rehabilitation or modification of any fire protection system. Construction documents for fire protection systems shall be submitted for review and approval prior to system installation.

GC to submit sprinkler and hood suppression plans before any work.

4. Provide hood system plans.

See shop drawings from Larkin.

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5. 5307.3 Insulated liquid carbon dioxide systems used in beverage dispensing applications. Insulated liquid carbon dioxide systems with more than 100 pounds (45.4 kg) of carbon dioxide used in beverage dispensing applications shall comply with Section 5307.3.1. Provide gas detection for the CO2 beverage system. Verified at inspection.

Acknowledged.

6. 2018 IFC 904.11.5- Portable fire extinguishers for commercial cooking equipment. Portable fire extinguishers shall be provided within a 30-foot (9144 mm) travel distance of commercial-type cooking equipment. Cooking equipment involving vegetable or animal oils and fats shall be protected by a Class K rated portable extinguisher.

As stated on Sheet T fire note no. 4

7. 2018 IFC 906.2- General requirements. Portable fire extinguishers shall be selected, installed and maintained in accordance with this section and NFPA 10. Provide a minimum of one 2A, 10B,C fire extinguisher (not shown).

As stated on Sheet T fire note no. 12

Building Reviewer: Jim Eden

1. A one-time impact fee in the form of a license tax must be collected before occupancy can be granted. Please be advised that additional application, review, and inspection fees do apply and additional information pertaining to this will be provided during that stage of your approval process. Action required: Comment is for informational purposes. The fee will be \$15,105.75

Acknowledged.

2. For the Health Department review contact Deb Sees with the Jackson County Public Works Department, Environmental Services Division, at (816) 797-7162. Health Department approval is required prior to receiving any type of building permit from the City of Lee's Summit. Action required: Comment is informational.

Submitted.

3. For the Health Department inspection contact Deb Sees with the Jackson County Public Works Department, Environmental Health Division at (816) 797-7162. Health Department approval is required prior to receiving any type of Occupancy from the City of Lee's Summit. Action required: Comment is informational.

Acknowledged.

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4. 2018 IMC 507.2.6 Clearances for Type I hood. A Type I hood shall be installed with a clearance to combustibles of not less than 18". Exceptions: 1. Clearance shall not be required from gypsum wallboard or ½ inch or thicker cementitious wallboard attached to noncombustible structures provided that a smooth, cleanable, nonabsorbent and noncombustible material is installed between the hood and the gypsum or cementitious wallboard over an area extending not less than 18 inches in all directions from the hood. 2. Type I hoods listed and labeled for clearances less than 18 inches in accordance with UL 710 shall be installed with the clearances specified by such listings. Action required: Type 1 hood not allowed to be attached to wall as shown as it is built with wood studs.

0-Clearance hood, refer to Page 2 of the shop drawing from Larkin industry. See M200.

5. 2018 IBC 1606.2 Design dead load. For purposes of design, the actual weights of materials of construction and fixed service equipment shall be used. In the absence of definite information, values used shall be subject to the approval of the building official. Action required: Provide engineer's report to verify that existing roof structure will support additional load imposed by new mechanical equipment.

Structural engineer letter to follow via email.

6. 2018 IMC 602.2.1 Materials within plenums. Except as required by Sections 602.2.1.1 through 602.2.1.5, materials within plenums shall be noncombustible or shall be listed and labeled as having a flame spread index of not more than 25 and a smoke-developed index of not more than 50 when tested in accordance with ASTM E84 or UL 723. (see code section for exceptions) Action required: Specify compliant DWV pipe material. PVC not allowed in plenum.

See revised Note J, Mechanical/Plumbing Specification, Sheet MPE400.

7. 2018 IMC 506.5.3 Exhaust fan mounting. Up-blast fans serving Type I hoods and installed in a vertical or horizontal position shall be hinged and supplied with a flexible weatherproof electrical cable to permit inspection and cleaning and shall be equipped with a means of restraint to limit the swing of the fan on its hinge. The ductwork shall extend not less than 18 inches above the roof surface. Action required: Provide verification that grease fans are hinged for maintenance.

See revised Detail 2 (Kitchen Hood Exhaust Fan Detail), Sheet MP301 which notes hinged access for maintenance.

For additional questions please contact:

Jean Kao, RA

Principal Architect

Cornerstone Architect, LLC

CornerstoneArchitectLLC@gmail.com

816-838-3472

A-6059

Greg Gladfelter

gpg@aeconsort.com

816-916-4675

E-2000150421