



## FIRE DEPARTMENT

### PLAN REVIEW CONDITIONS

June 22, 2018

BAYUS DESIGN WORKS  
13050 MAGISTERIAL DR STE 102  
LOUISVILLE, KY 40223

Permit No: PRCOM20173755  
Project Title: PAPA JOHN'S  
Project Address: 865 SW LEMANS LN, LEES SUMMIT, MO 64082  
Parcel Number: 70920019500000000  
Location: RAINTREE LAKE VILLAGE LOTS 1-6 & TR A ---LOT 6  
Type of Work: CHANGE OF TENANT  
Occupancy Group:  
Description: TENANT FINISH FOR CARRY OUT PIZZA SHOP

***The following is a list of requirements from the City of Lee's Summit that have not been satisfactorily addressed in the plans and specifications. Please contact the appropriate department regarding clarification of comments.***

Development Services Department (816) 969-1200

Fire Department (816) 969-1300

#### **Building Plan Review**

**Reviewed By: Joe Frogge**

**Pending**

1. A code analysis shall be provided which includes but is not limited to occupancy type, occupant load, construction type, actual area, height and floors, allowable area, height and floors, and the codes to which the project is designed.

Action required: Revise code analysis to show correct construction type which is 5B.

2. For the Health Department inspection contact Deb Sees with the Jackson County Public Works Department, Environmental Health Division at (816) 847-7070. Health Department approval is required prior to receiving any type of Occupancy from the City of Lee's Summit.

Action required: Comment is for informational purposes.

3. 2012 IPC 708.3.1 Horizontal drains within buildings. All horizontal drains shall be provided with cleanouts located not more than 100 feet apart.

Action required: Provide cleanouts at Floor Sinks and Mop Sink. (or other approved means)

4. 2012 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.

#### **Fire Plan Review**

**Reviewed By: Joe Dir**

**Approved with Conditions**

1. 2012 IFC 907.1.1- Construction documents. Construction documents for fire alarm systems 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. ACTION REQUIRED:(information purposes)

Have the fire alarm system contractor provide shop drawings for the modifications to be done to the fire alarm system.

2. 2012 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).

ACTION REQUIRED:(verified at inspection)

Front and rear doors shall have the address posted. Address shall be readable from the roadway.

3. 2012 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.

ACTION REQUIRED:Walk in cooler is required to have fire suppression installed. Have the fire sprinkler system contractor provide shop drawings of the modifications to be done to the fire sprinkler system.

4. 2012 IFC 901.5- Installation acceptance testing. Fire detection and alarm systems, fire-extinguishing systems, fire hydrant systems, fire standpipe systems, fire pump systems, private fire service mains and all other fire protection systems and appurtenances thereto shall be subject to acceptance tests as contained in the installation standards and as approved by the fire code official. The fire code official shall be notified before any required acceptance testing. The fire code official shall be notified 48 hours before any required acceptance test.

ACTION REQUIRED:(information purposes)

Any of the fire alarm system devices that are relocated, disconnected or new installation will require acceptance testing prior to the final occupancy inspection. Contact the fire department to schedule testing.(816)969-1300.

5. 2012 IFC 906.2 - General requirements. Portable fire extinguishers shall be selected, installed and maintained in accordance with this section and NFPA 10.

ACTION REQUIRED: (verified at inspection)

Provide a minimum of one 2A-10 BC fire extinguisher. The extinguisher to be mounted close to an exit on a normal path of travel

6. Door hardware

ACTION REQUIRED: No keyed locks on the egress side of an exit.

7. Duct detection

ACTION REQUIRED: Duct detection required for RTU-1

907.3.1 Duct smoke detectors.

Smoke detectors installed in ducts shall be listed for the air velocity, temperature and humidity present in the duct. Duct smoke detectors shall be connected to the building's fire alarm control unit when a fire alarm system is required by Section 907.2. Activation of a duct smoke detector shall initiate a visible and audible supervisory signal at a constantly attended location and shall perform the intended fire safety function in accordance with this code and the International Mechanical Code. Duct smoke detectors shall not be used as a substitute for required open area detection.

Exceptions:

- 1.The supervisory signal at a constantly attended location is not required where duct smoke detectors activate the building's alarm notification appliances.
- 2.In occupancies not required to be equipped with a fire alarm system, actuation of a smoke detector shall activate a visible and an audible signal in an approved location. Smoke detector trouble conditions shall activate a visible or audible signal in an approved location and shall be identified as air duct detector trouble.

**Fire Plan Review**

**Reviewed By: Joe Dir**

**Pending**

**Building Plan Review**

**Reviewed By: Joe Frogge**

**Pending**

***The approval of plans and specifications does not permit the violation of any section of the Building Codes or other City Ordinances or State Law.***

***The review conducted by the City of Lee's Summit Development Services Department shall not be construed as a structural review of the project.***