



**FIRE DEPARTMENT**

**PLAN REVIEW CONDITIONS**

November 02, 2016

JENCEN ARCHITECTURE  
2850 EUCLID AVE  
CLEVELAND, OH 44115

Permit No: PRCOM20162628  
Project Title: KAY JEWELERS  
Project Address: 820 NW BLUE PKWY, Unit:A, LEES SUMMIT, MO 64086  
Parcel Number: 51700033500000000  
Location: SUMMIT FAIR, LOTS 31 & 32---LOT 32  
Type of Work: NEW TENANT FINISH  
Occupancy Group: MERCANTILE  
Description: NEW TENANT FINISH FOR JEWELRY SALES

***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.***

Codes Administration (816) 969-1200

Fire Department (816) 969-1300

**Building Plan Review**

**Reviewed By: Joe Frogge**

**Pending**

1. A License Tax application completed by the contractor must be submitted to the City of Lee's Summit, Codes Administration Department, and any applicable License Tax paid prior to issuing a building permit.

Action required: Comment is for informational purposes.

2. Building is currently under construction with a shell permit.

Action required: Comment is for informational purposes. Certificate of Occupancy shall not be granted prior to the closing of the shell permit.

3. 2012 IPC 403.1 – Minimum number of fixtures. Plumbing fixtures shall be provided for the type of occupancy and in the minimum number shown in Table 403.1. types of occupancies not shown in Table 403.1 shall be considered individually by the code official. The number of occupants shall be determined by the International Building Code. Occupancy classification shall be determined in accordance with the International Building Code.

Action required: Provide mop sink.

4. 2011 NEC Article 250.50 Grounding Electrode System. All Grounding electrodes as described in 250.52(A)(1) through (A)(7) that are present at each building or structure served shall be bonded together to

form the grounding electrodes system. Where none of these grounding electrodes exist, one or more of the grounding electrodes specified in 250(A)(4) through (A)(8) shall be installed and used. (see code section for exception)

Action required: Update electric service diagram to show all grounding (including wire sizes) at main source of disconnect. Also provide wire size at transformer.

5. 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 verification that existing roof structure can support new RTU or provide design to strengthen roof structure.

### **Fire Plan Review**

**Reviewed By: Joe Dir**

**Approved with Conditions**

1. NO KEYED LOCKS ON THE EGRESS SIDE OF A MARKED EXIT. (VERIFIED AT INSPECTION)

2. 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. HAVE CONTRACTOR PROVIDE SHOP DRAWINGS AND MANUFACTURES SPECS FOR THE FIRE ALARM SYSTEM DEVICES TO BE INSTALLED. (INFORMATION PURPOSES)

3. 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).

POST THE NUMERIC OR ALPHBETIC ADDRESS ON THE EXTERIOR OF ALL DOORS LEADING INTO THE BUSINESS SUITE. ADDRESSING SHALL BE READABLE FROM THE ROADWAY IN A CONTRASTING COLOR TO THE BACKGROUND. (VERIFIED AT INSPECTION)

4. 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.

HAVE CONTRACTOR PROVIDE SHOP DRAWINGS OF

ANY MODIFICATIONS TO BE DONE TO THE FIRE SPRINKLER SYSTEM.

(INFORMATION PURPOSES)

5. 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.

FIELD AND ACCEPTANCE TESTING OF THE FIRE SPRINKLER AND FIRE ALARM SYSTEMS WILL BE REQUIRED PRIOR TO THE FINAL OCCUPANCY INSPECTION. TO SCHEDULE

TESTING CONTACT THE FIRE DEPARTMENT AT 816-969-1300.

(INFORMATION PURPOSES)

6. SMOKE DETECTION IN THE AHU DUCTS SHALL BE WIRED INTO THE MAIN FIRE ALARM PANEL AS A SUPERVISORY SIGNAL, WITH AHU SHUTDOWN UPON ACTIVATION.

(VERIFIED AT TESTING)

***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 Codes Administration Department shall not be construed as a structural review of the project.***