



## FIRE DEPARTMENT

### PLAN REVIEW CONDITIONS

September 14, 2016

YAEGER ARCHITECTURE  
7780 WEST 119TH STREET  
OVERLAND PARK, KS 66213

Permit No: PRCOM20152455  
Project Title: SUMMIT FAIR BUILDING E SHELL - H & M  
Project Address: 820 NW BLUE PKWY, Unit:H, LEES SUMMIT, MO 64086  
Parcel Number: 51700033300000000  
Location: SUMMIT FAIR LOTS 22A & 24A---LOT 22A  
Type of Work: NEW SHELL BUILDING  
Occupancy Group: MERCANTILE  
Description: NEW RETAIL BUILDING SHELL

***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

#### **Fire Plan Review**

**Reviewed By: Joe Dir**

**Rejected**

1. 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).

PROVIDE A NUMERIC ADDRESS OF 820 ON THE MAIN BUILDING ON ALL DOORS LEADING INTO THE MAIN BUILDING POST THE SUITE ADDRESSING FOR THE POTENTIAL NEW OCCUPANT SUITES ON THE FRONT AND REAR DOORS, READABLE FROM THE ROADWAY

2. 2012 IFC 506.1- Where required. Where access to or within a structure or an area is restricted because of secured openings or where immediate access is necessary for life-saving or fire-fighting purposes, the fire code official is authorized to require a key box to be installed in an approved location. The key box shall be of an approved type and shall contain keys to gain necessary access as required by the fire code official. KNOX BOX CAN BE OBTAINED ON LINE AT [knoxbox.com](http://knoxbox.com). KNOX BOX TO BE MOUNTED ABOVE THE FDC APPROX. 6' OFF OF FINISH GRADE.

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.

PROVIDE ENGINEERED SHOP DRAWINGS FOR THE FIRE SPRINKLER SYSTEM TO BE INSTALLED.

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.

FIELD TESTING AND ACCEPTANCE TESTING WILL BE REQUIRED FOR THE ALARM SYSTEM AND SPRINKLER SYSTEM PRIOR TO THE FINAL OCCUPANCY INSPECTION. TO SCHEDULE A TEST CONTACT THE FIRE ADEPARTMENT AT 816-969-1300.

5. 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. PROVIDE ENGINEERED SHOP DRAWINGS FOR THE ALARM SYSTEM TO BE INSTALLED.

6. NO KEYED CYLINDER LOCKS ON THE EGRESS SIDE OF AN EXIT. ( INFORMATION PURPOSES)

7. 903.3.7 Fire department connections.

The location of fire department connections shall be approved by the fire code official. Connections shall be a 4 inch stortz fitting and located witin 100 feet of a fire hydrant, or as approved by the code official. SHOW THE LOCATION OF THE FIRE DEPARTMENT CONNECTION AND FIRE HYDRANTS.

8. DUE TO THE ADDENDUM PLANS SHOWING ADDITIONAL SUITES. SHOW THE LOCATION OF THE FIRE SPRINKLER RISER AND FIRE ALARM SYSTEM. NEEDS TO BE IN A CENTRAL LOCATION WITH EXTERIOR ACCESS.

***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.***