



## FIRE DEPARTMENT

### PLAN REVIEW CONDITIONS

October 08, 2015

DAVID KASTER  
KASTER ARCHITECTS, 7304 WEST 150TH ST  
OVERLAND PARK, KS 66213

Permit No: PRCOM20152209  
Project Title: SUMMIT PARK CHURCH  
Project Address: 2818 NE INDEPENDENCE AVE, LEES SUMMIT, MO 64064  
Parcel Number: 52200012800000000  
Location: LAKEWOOD BUSINESS CENTER ON I-470 - PLAT P---LOT 19  
Type of Work: CHANGE OF TENANT  
Occupancy Group: ASSEMBLY FOR WORSHIP, RECREATION OR AMUSEMENT  
Description: MODIFY SPACE TO BECOME A CHURCH THAT INCLUDES A WORSHIP CENTER AND CLASSROOMS

*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**

**Rejected**

1. Additional information required.

Action required:

- 1) Provide all construction information and details for raised platform including stairs, handrails, etc.
- 2) Specify exhaust fan for Family RR 102.

10/6/15 - exhaust fan information approved - Platform information incomplete. Reference 410.4 for platform construction materials. Reference 1009.7 for stair treads and risers. Reference 1013 for guard requirements. Reference 1012 for handrail requirements. All of this needs to be shown on the drawings.

4. 2012 IBC Exit Signs 1011.1 Where Required. Exits and exit access doors shall be marked by an approved exit sign readily visible from any direction of egress travel. The path of egress travel to exits and within exits shall be marked by readily visible exit signs to clearly indicate the direction of egress travel in cases where the exit of the path of egress travel is not immediately visible to the occupants. Intervening means of egress doors within exits shall be marked by exit signs. Exit sign placement shall be such that no point in an exit access corridor or exit passageway is more than 100 feet or the listed viewing distance for the sign, whichever is less, from the nearest visible exit sign. (see code section for exceptions)

Action required: Modify drawings to show additional exit signs at rear vestibule and at north door in

corridor serving Pre-K Classrooms.

10/6/15 - exit sign provided at rear vestibule as directed, but still missing at north door of corridor serving Pre-K Classrooms.

**Fire Plan Review**

**Reviewed By: Joe Dir**

**Approved with Conditions**

1.

2. 2012 IFC 1004.3- Posting of occupant load. Every room or space that is an assembly occupancy shall have the occupant load of the room or space posted in a conspicuous place, near the main exit or exit access doorway from the room or space. Posted signs shall be of an approved legible permanent design and shall be maintained by the owner or authorized agent.

POST THE OCCUPANT LOADS IN THE WORSHIP CENTER, KIDS CLASS ROOMS, NURSERY, MEETING ROOMS. VERIFIED AT INSPECTION  
ADDRESSED IN LETTER AND PLANS

3. 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 TO THE ALTERATIONS TO THE ALARM SYSTEM. INFORMATION PURPOSES  
ADDRESSED IN LETTER

4. 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 ADDRESS OF THE SUITE ON THE EXTERIOR OF ALL DOORS LEADING INTO THE SUITE. INFORMATION PURPOSES, VERIFIED AT INSPECTION.  
ADDRESSED IN LETTER

5. 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 OF THE ALTERATIONS OF THE SPRINKLER SYSTEM. INFORMATION PURPOSES.  
ADDRESSED IN LETTER

6. 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. TESTING REQUIRED FOR THE ALARM SYSTEM. TO SCHEDULE A TEST

CONTACT THE FIRE DEPARTMENT AT 816-969-1300. INFORMATION PURPOSES.  
ADDRESSED IN LETTER

7. 2012 IFC 901.6- Inspection, testing and maintenance. Fire detection, alarm and extinguishing systems shall be maintained in an operative condition at all times, and shall be replaced or repaired where defective. Not required fire protection systems and equipment shall be inspected, tested and maintained or removed. THE FIRE SPRINKLER SYSTEM SHALL BE CURRENT ON THE REQUIRED ANNUAL SERVICING OF THE SYSTEM. SERVICE TAG DISPLAYED ON THE RISER. INFORMATION PURPOSES, VERIFIED AT INSPECTION.  
ADDRESSED IN LETTER

8. 2012 IFC 906.5- Conspicuous location. Portable fire extinguishers shall be located in conspicuous locations where they will be readily accessible and immediately available for use. These locations shall be along normal paths of travel, unless the fire code official determines that the hazard posed indicates the need for placement away from normal paths of travel. PROVIDE 5 POUND FIRE EXTINGUISHERS, MOUNT AT LOCATIONS ACCORDING TO PLANS. VERIFIED AT INSPECTION.  
ADDRESSED IN LETTER AND PLANS

9. REAR EXIT OFF OF THE WORSHIP CENTER AND THE K-CLASS ROOM. THE VESTIBULE DOES NOT SHOW EXIT SIGNAGE, EMERGENCY LIGHTING OR EXTERIOR EGRESS LIGHTING.  
ADDRESSED IN LETTER AND PLANS

10. SOUTHWEST EXIT OF WORSHIP CENTER DOES NOT SHOW EXTERIOR EGRESS LIGHTING  
ADDRESSED IN LETTER AND PLANS

11. LOBBY MAIN ENTRANCE, DOES NOT SHOW INTERIOR EMERGENCY LIGHTING OR EXTERIOR EGRESS LIGHTING. NIGHT LIGHTS DO NOT ACCOUNT FOR EMERGENCY LIGHTING.  
ADDRESSED IN LETTER

12. B] 1006.1 Illumination required.  
The means of egress, including the exit discharge, shall be illuminated at all times the building space served by the means of egress is occupied.  
B] 1006.2 Illumination level.  
The means of egress illumination level shall not be less than 1 footcandle (11 lux) at the walking surface.  
INFORMATIONAL PURPOSES.  
ADDRESSED IN LETTER

***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.***