



LEE'S SUMMIT
MISSOURI



FIRE DEPARTMENT

**Prevention Division
(816) 969-1300**

PLAN REVIEW CONDITIONS

April 20, 2023

GLMV ARCHITECTURE
9229 WARD PKWY SUITE #210
KANSAS CITY, MO 64114

Permit No: PRCOM20225294
Project Title: FIRE STATION #4
Project Address: 5031 NE LAKEWOOD WAY, LEES SUMMIT, MO 64064
Parcel Number: 43240014500000000
Location: EXECUTOVE LAKES CENTER LOTS 6A & 8A ---LOT 6-A
Type of Work: NEW COMMERCIAL
Occupancy Group: MIXED OCCUPANCY
Description: NEW FIRE STATION #4

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

Fire Plan Review

Reviewed By: Jim Eden

Approved with Conditions

1 2018 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.

Action needed- The Knox box shall be the Western Missouri Fire Chiefs box, not Lee's Summit, and located 6' AFF by door 109. The box may be ordered at Knoxbox.com.

Fire Plan Review

Reviewed By: Ben Hicks

Approved with Conditions

1. 2018 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: Informational, acknowledged in letter. Provide shop drawings for review and approval.

2. 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.

Action Required: Informational, acknowledged in letter. Provide sprinkler and hood system shop drawings for review and approval.

3. 2018 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: Informational, acknowledged in letter. Call 816-969-1300 to schedule testing.

Building Plan Review

Reviewed By: Joe Frogge

Approved with Conditions

3. Prior to the installation or construction of any elevator equipment, an elevator equipment permit shall be obtained from the Missouri Department of Public Safety or its authorized representative.

Action required: Comment is informational.

12/5/22 - acknowledged in letter

4. Prior to the operation of any new elevator equipment or the issuance of the operating certificate, such elevator equipment shall be inspected by a licensed inspector. Testing must be performed in accordance with these rules and regulations. The testing must be witnessed by a licensed inspector.

Action required: Comment is informational.

12/5/22 - acknowledged in letter

5. Elevator Safety Act and Rules 701.361 - Each privately owned or operated installation and each installation owned or operated by the state of Missouri or any political subdivision of the state shall have a certificate of inspection and meet the safety code promulgated pursuant to sections 701.350 to 701.380.

Action required: Comment is informational.

12/5/22 - acknowledged in letter

Building Plan Review

Reviewed By: Tracy Deister

Pending

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Action required: Comment is informational.

12/5/22 - acknowledged in letter

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Action required: Comment is informational.

12/5/22 - acknowledged 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 Development Services Department shall not be construed as a structural review of the project.