



LEE'S SUMMIT MISSOURI



FIRE DEPARTMENT

Prevention Division
(816)969-1300

PLAN REVIEW CONDITIONS

April 21, 2022

WARD DEVELOPMENT & INVESTMENT CO
1120 NW EAGLE RIDGE BLVD
GRAIN VALLEY, MO 64029

Permit No: PRCOM20220620
Project Title: INSIDE EDGE BASEBALL
Project Address: 2605 NE MCBAIN DR, LEES SUMMIT, MO 64064
Parcel Number: 52240020300000000
Location: I-470 BUSINESS & TECHNOLOGY CENTER---LOT 10
Type of Work: NEW TENANT FINISH
Occupancy Group: ASSEMBLY FOR INDOOR SPORTING INCL ARENAS, RINKS, COURTS, SWIMMING POOLS
Description: TENANT FINISH FOR BASEBALL TRAINING

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 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.

Acknowledged- 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.

Acknowledged- Provide shop drawings for review and approval.

Building Plan Review

Reviewed By: Joe Frogge

Pending

1. Unified Development Ordinance Article 8, Section 8.180.E

Roof mounted equipment – All roof-mounted equipment shall be screened entirely from view by using parapet walls at the same height as the mechanical units. For additions to existing buildings that do not meet this standard, individual screens will be permitted, with the design subject to approval by the Director.

Action required: Make needed corrections to drawings that provide details as to how mechanical equipment will be screened from all 4 sides per referenced UDO section. (existing parapet too short and only 3-sided)

**similar requirements will apply if you switched to ground mount

4/13/22 - vinyl fencing not allowable material. Must be landscaping or masonry. (coordinate with Planning Department as to approvable landscaping if you go that direction)

2. 2018 IBC 1010.1.10 Panic and fire exit hardware. Swinging doors serving a Group H occupancy and swinging doors serving rooms or spaces with an occupant load of 50 or more in a Group A or E occupancy shall not be provided with a latch or lock other than panic hardware or fire exit hardware.

Exceptions:

1. A main exit of a Group A occupancy shall be permitted to have locking devices in accordance with Section 1010.1.9.4, Item 2.

2. Doors provided with panic hardware or fire exit hardware and serving a Group A or E occupancy shall be permitted to be electrically locked in accordance with Section 1010.1.9.9 or 1010.1.9.10.

Electrical rooms with equipment rated 1,200 amperes or more and over 6 feet wide that contains over current devices, switching devices or control devices with exit or exit access doors shall be equipped with panic hardware or fire exit hardware. The doors shall swing in the direction of egress travel.

Action required: Panic hardware required at egress doors. Verify existing or provide new.

4/13/22 - note indicated in letter not found

3. 2018 IMC 801.2 General. Every fuel-burning appliance shall discharge the products of combustion to a vent, factory-built chimney or masonry chimney, except for appliances vented in accordance with Section 804. The chimney or vent shall be designed for the type of appliance being ventilated. (see code for exception)

Action required: Provide complete design for combustion and ventilation air for gas fired water heater.

4/13/22 - One duct added (2 required for that method), also now we need heat in this room to protect pipes from freezing. Highly recommend using shared space method or use direct vent type appliance. Coordinate between P and M designs - P102 kind of hints at a direct vent but shows draft hood type.

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.