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**DEVELOPMENT SERVICES**

**PLAN REVIEW CONDITIONS**

September 10, 2019

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

Permit No: PRCOM20191624  
Project Title: I-470 BUSINESS AND TECHNOLOGY CENTER LOT 13  
Project Address: 2700 NE MCBAIN DR, LEES SUMMIT, MO 64064  
Parcel Number: 203931  
Location: I-470 BUSINESS & TECHNOLOGY CENTER LOT 13A  
Type of Work: NEW SHELL BUILDING  
Occupancy Group: STORAGE, MODERATE HAZARD  
Description: SHELL FOR FUTURE OFFICE/WAREHOUSE

***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: Michael Weissenbach**

**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)

Provide three stamped sets of shop drawings for the alarm system.

2. 2018 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).

(Verified At Inspection)

3. 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 Required)

Order a Knox Box from [knoxbox.com](http://knoxbox.com) and mount by FDC.

4. 2018 IFC 508.5.1 -Where required. Where a portion of the facility or building hereafter constructed or moved into or within the jurisdiction is more than 300 feet from a hydrant on a fire apparatus access road, as measured by an approved route around the exterior of the facility or building, on-site fire hydrants and mains shall be provided where required by the fire code official. Exceptions: 1. For Group R-3 and Group U occupancies, the distance requirement shall be 600 feet (183 m).

(Action Required)

Show a fire hydrant within 100 feet from the FDC. Also, show placement of FDC on building.

5. 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)

Provide three stamped sets of shop drawings for the sprinkler system. Note: Class 1 standpipes to be installed.

6. 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.

(Informational Purposes)

Call (816)969-1300 to schedule alarm/sprinkler testing.

7. 2018 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.

(Verified at Inspection)

8. (Informational Purposes)

Provide intended use for this space. If high-pile storage see Chapter 32 in the IFC for code requirements.

9. 2018 IFC 907.3.1 Duct smoke detectors. Smoke detectors installed in ducts shall be listed for the air velocity, temperature and humidity present in the duct. Duct smoke detectors shall be connected to the building's fire alarm control unit when a fire alarm system is required by Section 907.2. Activation of a duct smoke detector shall initiate a visible and audible supervisory signal at a constantly attended location and shall perform the intended fire safety function in accordance with this code and the International Mechanical Code. Duct smoke detectors shall not be used as a substitute for required open area detection.

(Action Required)

CFM over 2000 will be required to have duct detection.

**Building Plan Review**

**Reviewed By: Joe Frogge**

**Approved with Conditions**

2. Address not provided on application form. This building has been assigned the address of - 2701 NE Independence Avenue

Action required: Comment is for informational purposes. Please update your records.  
8/12/19 - per owner request, address has been changed to 2700 NE McBaine Dr

**Licensed Contractors**

**Reviewed By: Joe Frogge**

**Approved**

- \_\_\_\_\_ Approved to issue per the listed conditions.
- \_\_\_\_\_ Do not issue per the listed conditions.
- \_\_\_\_\_ Approved to construct foundation only per the listed conditions.
- \_\_\_\_\_ Requires Final Development Plan approval prior to issuing this building permit.

The applicant agrees to incorporate the aforementioned requirements into the project to conform to applicable City Codes and Ordinances.

_____	_____
Signature of Applicant	Date
_____	_____
Print Applicant Name	CompanyName

***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.***