



### **PLAN REVIEW CONDITIONS**

May 03, 2019

SCHARHAG ARCHITECTS  
6247 BROOKSIDE BLVD STE 204  
KANSAS CITY, MO 64113

Permit No: PRCOM20190679  
Project Title: REECE NICHOLS 2  
Project Address: 222 SW MAIN ST, LEES SUMMIT, MO 64063  
Parcel Number: 61340223800000000  
Location: DAHMER DEVELOPMENT LOTS 1-3---LOT 2 & E 1/2 VAC ALLEY W OF & ADJ TH NLY 75.32' OF SD LOT 2 AS MEAS A  
Type of Work: NEW COMMERCIAL  
Occupancy Group: BUSINESS  
Description: OFFICE BUILDING FOR REAL ESTATE BUSINESS  
FOUNDATION PERMIT - PRCOM20191085

***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: Joe Dir**

**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:(information purposes)

Have the fire alarm system contractor provide three sets of PE stamped shop drawings of fire alarm system to be installed.

2. 2018 IFC 408.11.2 - Tenant identification. Each occupied tenant space provided with a secondary exit to the exterior or exit corridor shall be provided with tenant identification by business name and/or address. Letters and numbers shall be posted on the corridor side of the door, be plainly legible and shall contrast with their background.

ACTION REQUIRED:(verified at inspection)

All rooms, and offices shall be identified from the corridors by name, number or letter readable from the corridors.

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:(verified at inspection)

knox box can be obtained online at [knoxbox.com](http://knoxbox.com)

The knox box shall be mounted on an exterior wall over or around the fire department connection approx. 5 feet off finish grade or pavement.

4. 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:(information purposes)

Have the fire sprinkler system contractor provide three sets of PE stamped shop drawings of the fire sprinkler system to be installed.

5. 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:(information purposes)

All field tests and acceptance testing of the fire sprinkler and fire alarm systems shall be completed prior to the final occupancy inspection. Contact the fire department to schedule testing. (816)969-1300

6. 2018 IFC 906.2- General requirements. Portable fire extinguishers shall be selected, installed and maintained in accordance with this section and NFPA 10.

ACTION REQUIRED:(verified at inspection)

Provide a minimum of one 2A-10BC fire extinguisher for every 3,000 square feet of useable space on each level. Extinguishers are to be mounted on walls on normal paths of travel close to exits.

7. Elevator certification

ACTION REQUIRED:(verified at inspection)

The elevator shall be certified by the State of Missouri before public use. Documents shall be on site.

8. 2018 IFC (B) 1023.9 Stairway identification signs. A sign shall be provided at each floor landing in an interior exit stairway and ramp connecting more than three stories designating the floor level, the terminus of the top and bottom of the interior exit stairway and ramp and the identification of the stair or ramp. The signage shall also state the story of, and the direction to, the exit discharge and the availability of roof access from the interior exit stairway and ramp for the fire department. The sign shall be located 5 feet (1524mm) above the floor landing in a position that is readily visible when the doors are in the open or closed positions. In addition to the stairway identification sign, a floor-level sign in raised characters and Braille complying with the ICC A117.1 shall be located at each floor-level landing adjacent to the door leading from the interior exit stairway and ramp into the corridor to identify the floor level.

ACTION REQUIRED:(verified at inspection)

Each floor level in and outside of each stairway shall be identified.

9. 2018 IFC 506.1.2 Key boxes for non-standardized fire service elevator keys. Key boxes provided for non-standardized fire service elevator keys shall comply with Section 506.1 and 506.2 or as approved by the fire code official.

ACTION REQUIRED:(Verified at inspection)

Knox box elevator key box can be obtained at [knoxbox.com](http://knoxbox.com)

The key box shall be mounted in the ground floor lobby to the right of the elevator approx 5 feet off finish floor.

10. 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: (information purposes)

Duct detection if installed shall be monitored by the building's fire alarm system.

11. 2018 IFC 1010.1.10 Panic and fire exit hardware. Doors serving a Group H occupancy and 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 unless it is a panic hardware or fire exit hardware.

ACTION REQUIRED:(verified at inspection)

Provide panic hardware or exit doors.

12. 2018 IFC 1008.1 Illumination required. The means of egress, shall be illuminated at all times the building space served by the means of egress is occupied.

ACTION REQUIRED:(verified at inspection)

Provide exterior emergency lighting at all exit discharges.

#### **Building Plan Review**

**Reviewed By: Joe Frogge**

**Rejected**

1. The building permit for this project can not be issued until the Codes Administration Department has received the approved Final Development Plan from the Planning and Development Department.

Action required: Comment is for informational purposes.

5/2/19 - acknowledged in letter

2. 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 for informational purposes.

5/2/19 - acknowledged in letter

3. 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. Contact the Lee's Summit Codes Administration.

Action required: Comment is for informational purposes.

5/2/19 - acknowledged in letter

4. 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 for informational purposes.

5/2/19 - acknowledged in letter

10. 2012 IMC 306.5 Equipment and appliances on roofs or elevated structures. Where equipment requiring access or appliances are located on an elevated structure or the roof of a building such that personnel will have to climb higher than 16 feet above grade to access such equipment or appliances, an interior or exterior means of access shall be provided. Such access shall not require climbing over obstructions greater than 30 inches in height or walking on roofs having a slope greater than 4 units vertical in 12 units horizontal. Such access shall not require the use of portable ladders. Where access involves climbing over parapet walls, the height shall be measured to the top of the parapet wall. Permanent ladders installed to provide the required access shall comply with the following minimum design criteria:

1. The side railing shall extend above the parapet or roof edge not less than 30"  
(see code section for additional construction requirements)

Action required: Provide side rail extender at roof hatch.

5/2/19 - acknowledged in letter as to have been covered by a note on new roof plan which we have not received

11. 2012 IPC 403.1 – Minimum number of fixtures. Plumbing fixtures shall be provided for the type of occupancy and in the minimum number shown in Table 403.1. types of occupancies not shown in Table 403.1 shall be considered individually by the code official. The number of occupants shall be determined by the International Building Code. Occupancy classification shall be determined in accordance with the International Building Code.

Action required: Provide mop sink.

5/2/19 - Mop sink added underneath ladder to roof. There must be a clear landing under ladder per IMC 306.5 item #8.

***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.***