



FIRE DEPARTMENT

PLAN REVIEW CONDITIONS

February 09, 2018

SDC ENGINEERING
5907 RAYTOWN TFWY
RAYTOWN, MO 64133

Permit No: PRCOM20180266
Project Title: LEES SUMMIT NAIL
Project Address: 1708 NW CHIPMAN RD, LEES SUMMIT, MO 64081
Parcel Number: 51700031300000000
Location: CHIPMAN HWY 50--- LOT 12
Type of Work: CHANGE OF TENANT
Occupancy Group: BUSINESS
Description: TENANT FINISH FOR NAIL SALON

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

Building Plan Review

Reviewed By: Joe Frogge

Rejected

1. A License Tax application completed by the contractor must be submitted to the City of Lee's Summit, Codes Administration Department, and any applicable License Tax paid prior to issuing a building permit.

Action required: Comment is for informational purposes.

2. 2012 IBC 1109.11 Seating at tables, counters and work surfaces. Where seating or standing space at fixed or built-in tables, counters or work surfaces is provided in accessible spaces, at least 5 percent of the seating and standing spaces, but not less than one, shall be accessible. In Group I-3 occupancy visiting areas at least 5 percent, but not less than one, cubicle or counter shall be accessible on both the visitor and detainee sides.

ICC A117.1-2009 Section 305.3 Size. The clear floor space shall be 48 inches minimum in length and 30 inches minimum in width.

Action required: Provide required number of accessible pedicure stations.

3. 2012 IBC 1210.2.2 – Walls and partitions. Walls and partitions with 2 feet of service sinks, urinals and water closets shall have a smooth, hard, nonabsorbent surface, to a height of not less than 4 feet above the floor, and except for structural elements, the materials used in such walls shall be of a type that is not adversely affected by moisture. (See code section for possible exceptions.)

Action required: Specify compliant finishes at mop sink and toilets.

4. 2012 IBC 1109.12.3 – Point of sale and service counters. Where counters are provided for sales or distribution of goods or services, at least one of each type provided shall be accessible. Where such counters are dispersed throughout the building or facility, accessible counters shall also be dispersed.

Action required: Specify maximum height of reception desks.

5. 2012 IBC 1014.2 Egress through intervening spaces. Egress through intervening spaces shall comply with this section. Item 4. Egress shall not pass through kitchens, storage rooms, closets or spaces used for similar purposes. (See code section for additional items and exceptions)

Action required: Modify design in such a manner that egress will not be directed through storage room.

6. 2012 IMC 501.3.1 Location of exhaust outlets. The termination point of exhaust outlets and ducts discharging to the outdoors shall be located with the following minimum distances:
(see code for items 1 and 2)

3. For all environmental air exhaust: 3 feet from property lines; 3 feet from operable openings into building for all occupancies other than Group U, and 10 feet from mechanical air intakes. Such exhaust shall not be considered hazardous or noxious.
(see code for items 4 and 5)

Action required. Exhaust terminations appear to discharge into adjacent tenant space. Clarify.

7. Restroom exhaust fans share common duct.

Action required: Provide backdraft protection at restroom exhaust fans.

Fire Plan Review

Reviewed By: Joe Dir

Rejected

1. 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.
ACTION REQUIRED:

Have the fire alarm system contractor provide shop drawings for approval of any modifications to be done to the fire alarm system.

2. 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.
ACTION REQUIRED:(information purposes)

fire sprinkler system will need to be dropped below the gypsum board ceiling.

Have the fire sprinkler system contractor provide shop drawings for approval of any modifications to be done to the fire sprinkler system.

3. 2012 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 an minimum of two 2A-10BC fire extinguishers. Fire extinguishers to be mounted on a normal path of travel close to exits.

4. Door operation

ACTION REQUIRED:(verified at inspection) No keyed locks on the egress side of an exit

[B] 1008.1.9 Door operations. Except as specifically permitted by this section egress doors shall be readily openable from the egress side without the use of a key or special knowledge or effort.

5. Exiting through storage area

ACTION REQUIRED:Remove exit signage from the door leading into the storage area/room

[B] 1014.2 Egress through intervening spaces. Egress through intervening spaces shall comply with this section.

1. Egress from a room or space shall not pass through adjoining or intervening rooms or areas, except where such adjoining rooms or areas and the area served are accessory to one or the other, are not a Group H occupancy and provide a discernible path of egress travel to an exit.

Exception: Means of egress are not prohibited through adjoining or intervening rooms or spaces in a Group H, S or F occupancy when the adjoining or intervening rooms or spaces are the same or a lesser hazard occupancy group.

2. An exit access shall not pass through a room that can be locked to prevent egress.

3. Means of egress from dwelling units or sleeping areas shall not lead through other sleeping areas, toilet rooms or bathrooms

4. Egress shall not pass through kitchens, storage rooms, closets or spaces used for similar purposes

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.

ACTION REQUIRED:(information purposes)

Modification done to the fire alarm system will required acceptance testing prior to the final occupancy inspection. Contact the fire department to schedule testing.(816)969-1300.

7. Egress Illumination:

ACTION REQUIRED:Illuminate the interior and exterior of all maked exits

[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] 1006.3 Emergency power for illumination. The power supply for means of egress illumination shall normally be

provided by the premises' electrical supply.

In the event of power supply failure, an emergency electrical system shall automatically illuminate all of the following areas:

1. Aisles and unenclosed egress stairways in rooms and spaces that require two or more means of egress.
2. Corridors, interior exit stairways and ramps and exit passageways in buildings required to have two or more exits.
3. Exterior egress components at other than their levels of exit discharge until exit discharge is accomplished for buildings required to have two or more exits

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.