



PLAN REVIEW CONDITIONS

July 30, 2019

SDC ENGINEERING
5907 RAYTOWN TFWY
RAYTOWN, MO 64133

Permit No: PRCOM20191953
Project Title: BLOOM NAILS
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
UNDERSLAB AND IN-WALL INSPECTED (AS ORIGINALLY DESIGNED) UNDER PERMIT
PRCOM20180266

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. (Information Purposes)

Provide three sets of stamped shop drawings for any modifications to 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)
Address front and back doors.

3. 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.

(Information Purposes)

Provide three sets of stamped shop drawings for any modifications to fire sprinkler system.

4. 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.

(Information Purposes)

Call (816)969-1300 to schedule alarm testing if modifications are made.

5. 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)

Provide 2 2A10BC extinguishers (Plans do show them and the placement)

8. 2018 IFC 1010.1.9 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.

(Verified At Inspection)

9. 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.

(Verified At Inspection)

Exterior illumination to the exit discharge.

Building Plan Review

Reviewed By: Joe Frogge

Pending

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. 2018 IBC 1016.2 Egress through intervening spaces. Egress through intervening spaces shall comply with this section.

Item 5. 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: Do not direct egress through storage room. Location for additional exit must be found as two exits are still required.

3. All plans submitted for review on or after April 1, 2019 shall be designed to the requirements of the 2018 International Building Code, 2018 International Mechanical Code, 2018 International Plumbing Code, 2018 International Fuel Gas Code, 2018 International Fire Code, 2017 National Electric Code and the ANSI

A117.1-2017 as amended and adopted by the City of Lee's Summit.

Action required: Update all code references as well as any design elements that may be affected.

4. 2018 IBC 1008.3 – Emergency power for illumination. The power supply for means of egress illumination shall normally be provided by the premises' electrical supply.

1008.3.1 General. In the event of power supply failure in rooms and spaces that require two or more means of egress, an emergency electrical system shall automatically illuminate all of the following areas:

1. Aisles.
2. Corridors.
3. Exit access stairways and ramps.

1008.3.2 Buildings. In the event of power supply failure in buildings that require two or more means of egress, an emergency electrical system shall automatically illuminate all of the following areas:

1. Interior exit access stairways and ramps.
2. Interior and exterior exit stairways and ramps.
3. Exit passageways.
4. Vestibules and areas on the level of discharge used for exit discharge in accordance with Section 1028.1.
5. Exterior landings as required by Section 1010.1.6 for exit doorways that lead directly to the exit discharge.

1008.3.3 Rooms and Spaces. In the event of power supply failure an emergency electrical system shall automatically illuminate all of the following areas:

1. Electrical equipment rooms.
2. Fire command centers.
3. Fire pump rooms.
4. Generator rooms.
5. Public restrooms with an area greater than 300 square feet.

Action required: Provide emergency lighting at exterior side of all exits.

5. 2018 IPC 916.2 Vent Connection. The island fixture vent shall connect to the fixture drain as required for an individual or common vent. The vent shall rise vertically to above the drainage outlet of the fixture being vented before offsetting horizontally or vertically downward. The vent or branch vent for multiple island fixture vents shall extend to a point not less than 6 inches above the highest island fixture being vented before connecting to the outside vent terminal.

Action required: Provide loop vent schematic or approved equal. (at newly added remote sinks)

6. 2018 IMC 501.3 Exhaust discharge. The air removed by every mechanical exhaust system shall be discharged outdoors at a point where it will not cause a nuisance and not less than the distances specified in Section 501.3.1. The air shall be discharged to a location from which it cannot again be readily drawn in by a ventilating system. Air shall not be exhausted into an attic, crawl space or be directed onto walkways. (see code for exceptions)

Action required: Exhaust fan discharge must not be within 10' of any intakes. This can be verified in field. (also, do you really want ceiling mounted fans and a mushroom fan also?)

7. The underslab plumbing and wall framing has been previously inspected and approved under a different permit and different design. Any construction not identical to previous project must be inspected and approved also.

Action required: Comment is for informational purposes.

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.