

DEVELOPMENT SERVICES

PLAN REVIEW CONDITIONS

August 13, 2020

SDC ENGINEERING
5907 RAYTOWN TFWY
RAYTOWN, MO 64133

Permit No: PRCOM20202233
Project Title: GLOSS NAIL
Project Address: 470 NW CHIPMAN RD, LEES SUMMIT, MO 64086
Parcel Number: 52900036200000000
Location / Legal: SUMMIT ORCHARD LOTS 4A-4E --- LOT 4B
Description:
Type of Work: NEW TENANT FINISH
Occupancy Group: BUSINESS
Description: TENANT FINISH FOR NAIL SALON

Revisions Required

One or more departments have not approved the permit and 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 address the comments as requested and provide three (3) copies of any revised sheets and/or additional information. 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.

(Informational Purposes)

Any modifications to the fire alarm system, provide PE stamped electronic shop drawings to mike.weissenbach@cityofls.net

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.

(Informational Purposes)

Any modifications to the fire sprinkler system, provide PE stamped electronic shop drawings to mike.weissenbach@cityofls.net

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3. 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 testing.

4. 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)

5. 2018 IFC 1008.3.1 & 3.2 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: 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.

(Action Required)

Provide exterior emergency illumination at exit doors.

Building Plan Review

Reviewed By: Joe Frogge

Rejected

1. This tenant finish permit is associated with an incomplete shell permit.

Action required: Comment is for informational purposes. Occupancy will not be granted for the tenant prior to completion of shell permit.

2. 2018 IPC 403.1 Minimum number of fixtures. Plumbing fixtures shall be provided in the minimum number shown in Table 403.1, based on the actual use of the building or space. Uses 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.

Action required: Provide additional water closets for compliance.

3. 2018 IBC 1010.1.9.1 Hardware. Door handles, pulls, latches, locks and other operating devices on doors required to be accessible by Chapter 11 shall not require tight grasping, tight pinching or twisting of the wrist to operate.

2018 IBC 1010.1.1 Size of doors. The required capacity of each door opening shall be sufficient for the occupant load thereof and shall provide a clear opening width of 32 inches. The clear opening width of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90 degrees. Where this section requires a minimum clear opening width of 32 inches and a door opening includes two door leaves without a mullion, one leaf shall provide a minimum clear opening width of 32 inches. In Group I-2, doors serving as means of egress doors where used for the movement of beds shall provide a minimum clear opening width of 41-1/2". The maximum width of a swinging door leaf shall be 48" nominal. The minimum clear opening height of doors shall not be less than 80 inches. (see code for exceptions)

Action required: Door into facial room must have minimum 32" width as well as have accessible hardware. Clarify as to how this door will comply.

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4. 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: Clarify venting of water heater.

- If draft hood is used as show on detail, provide combustion air calcs to verify that room is large enough.
- If direct vented as the part number seems to indicate, update detail.

5. 2018 IPC 604.9 Water hammer. The flow velocity of the water distribution system shall be controlled to reduce the possibility of water hammer. A water-hammer arrestor shall be installed where quick-closing valves are utilized. Water-hammer arrestors shall be installed in accordance with the manufacturer's instructions. Water-hammer arrestors shall conform to ASSE 1010.

Action required: Air chambers are not allowed. Revise detail shown under plumbing fixture schedule to comply.

Licensed Contractors

Reviewed By: Joe Frogge

Rejected

1. Lee's Summit Code of Ordinance, Section 7-130.10 - Business License. It shall be unlawful for any person to engage in the construction contracting business without first obtaining a business license as required under the applicable provisions of Chapter 28 of the Lee's Summit Code of Ordinances.

Action required: Either a Class A or Class B license is required. Provide the name of the licensed general contractor.

2. Lee's Summit Code of Ordinance, Section 7-130.4 - Business License. (excerpt)

No person, other than a licensed contractor or employees of a licensed contractor, shall engage in electrical, plumbing or mechanical business, construction, installation or maintenance unless duly licensed in accordance with this section.

Action required: MEP subcontractors are required to be listed on permit. Provide company names of licensed MEP contractors.

The review conducted by the City of Lee's Summit Development Services Department shall not be construed as a structural review of the project.