

**DEVELOPMENT SERVICES**

**PLAN REVIEW CONDITIONS**

March 14, 2022

The Hive Design Collaborative  
1617 Walnut St  
kansas city, MO 64108

Permit No: PRCOM20220740  
Project Title: FURNITURE MALL OF MISSOURI  
Project Address: 900 NW Blue Pkwy  
Parcel Number:  
Location / Legal: SUMMIT FAIR LOTS 26A AND 26B --- LOT 26A  
Description:  
Type of Work: CHANGE OF TENANT  
Occupancy Group: MERCANTILE  
Description: TENANT FINISH FOR FURNITURE STORE

***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

**Licensed Contractors**

**Reviewed By: Joe Frogge**

**Rejected**

1. 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.

2. 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 and an email address for the on-site contact which is where inspection reports will be sent.

**Building Plan Review**

**Reviewed By: Joe Frogge**

**Rejected**

1. The building permit for this project cannot be issued until the Development Services Department has received, approved, and processed the Final Development Plan.

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Action required: Comment is for informational purposes.

2. For the Health Department review contact Deb Sees with the Jackson County Public Works Department, Environmental Services Division, at (816) 847-7070. Health Department approval is required prior to receiving any type of building permit from the City of Lee's Summit.

Action required: Comment is for informational purposes.

3. For the Health Department inspection contact Deb Sees with the Jackson County Public Works Department, Environmental Health Division at (816) 847-7070. Health Department approval is required prior to receiving any type of Occupancy from the City of Lee's Summit.

Action required: Comment is for informational purposes.

4. 2018 IBC Exit Signs 1013.1 Where Required. Exits and exit access doors shall be marked by an approved exit sign readily visible from any direction of egress travel. The path of egress travel to exits and within exits shall be marked by readily visible exit signs to clearly indicate the direction of egress travel in cases where the exit of the path of egress travel is not immediately visible to the occupants. Intervening means of egress doors within exits shall be marked by exit signs. Exit sign placement shall be such that no point in an exit access corridor or exit passageway is more than 100 feet or the listed viewing distance for the sign, whichever is less, from the nearest visible exit sign. (see code section for exceptions)

Actions required:

- Modify plans to demonstrate how you will comply with 1016.2 Item #5, Exception #2. Ref: exit sign directing into Warehouse 108.
- Provide exit signage that leads out through hall between Sprinkler Room and Maintenance/Engineer Room.
- Modify plans to show how all exits will have emergency lighting at exterior side of landing per 1008.3.2, item #5.

5. Wall Type Detail sheets incomplete.

Actions required:

- remove notes that indicate "not for construction"
- Provide complete details for wall construction.

6. 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 not allowed. Remove reference in notes. Ref: P1.0, General Note #14.

7. 2017 NEC Article 210.8 (B) Other Than Dwelling Units. All 125-volt, single-phase, 15- and 20-ampere receptacles installed in the locations specified in 210.8(B)(1) through (10) shall have ground-fault circuit-interrupter protection for personnel.

- (1) Bathrooms
- (2) Kitchens
- (3) Rooftops
- (4) Outdoors
- (5) Sinks - where receptacles are installed within 6 feet of the outside edge of the sink.

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- (6) Indoor wet locations
  - (7) Locker rooms with associated showering facilities
  - (8) Garages, service bays, and similar areas other than vehicle exhibition halls and showrooms.
  - (9) Crawl spaces – at or below grade level.
  - (10) Unfinished portions or areas of the basement not intended as habitable rooms.
- (refer to code for exceptions)

Action required: Modify drawings to show that all receptacles in cafe will be GFCI protected.

8. 2018 IBC 502.1 Address identification. New and existing buildings shall be provided with approved address identification. The address identification shall be legible and placed in a position that is visible from the street or road fronting the property. Address identification characters shall contrast with their background. Address numbers shall be Arabic numbers or alphabetical letters. Numbers shall not be spelled out. Each character shall be a minimum of 4 inches high with a minimum stroke width of 1/8 inch. Where required by the fire code official, address identification shall be provided in additional approved locations to facilitate emergency response. Where access is by means of a private road and the building address cannot be viewed from the public way, a monument, pole or other approved sign or means shall be used to identify the structure. Address identification shall be maintained.

Action required: Address for this building is 900 NW Blue Pkwy. Please inform your client and update your records.

**Fire Plan Review**

**Reviewed By: Jim Eden**

**Rejected**

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 plans for modification to the sprinkler system to maintain coverage. Confirm the hazard classification for the existing system is appropriate for the commodity on display and stored in the warehouse area.

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).

Action required- Shall be posted on all doors. Verified at inspection.

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.

Action required- Provide plans for modification to the sprinkler system to maintain coverage. Confirm the hazard

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classification for the existing system is appropriate for the commodity on display and stored in the warehouse area.

4. 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.

Action required- Move fire extinguishers next to the exits and along common travel pathways.

5. How will materials be stored in the warehouse? Provide a storage plan.

6. [BE] 1016.2 Egress through intervening spaces. Egress through intervening spaces shall comply with this section.

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

Exceptions:

2. Means of egress are not prohibited through stockrooms in Group M occupancies where all of the following are met:

2.1. The stock is of the same hazard classification as that found in the main retail area.

2.2. Not more than 50 percent of the exit access is through the stockroom.

2.3. The stockroom is not subject to locking from the egress side.

2.4. There is a demarcated, minimum 44- inch-wide (1118 mm) aisle defined by full- or partial-height fixed walls or similar construction that will maintain the required width and lead directly from the retail area to the exit without obstructions.

Action required- Indicate how this requirement will be met.

7. 2018 IFC 901.6- Inspection, testing and maintenance. Fire detection, alarm and extinguishing systems shall be maintained in an operative condition at all times, and shall be replaced or repaired where defective. Not required fire protection systems and equipment shall be inspected, tested and maintained or removed.

Action required- The existing fire protection systems shall be operable and have documentation of current inspections. Verified at inspection.

8. 3201.3 Construction documents. At the time of building

permit application for new permit application for new structures designed to accommodate high-piled storage or for requesting a change of occupancy/use, and at the time of application for a storage permit, plans and specifications shall be submitted for review and approval. In addition to the information required by the International Building Code, the storage permit submittal shall include the information specified in this section. The construction documents shall include all of the following:

1. Floor plan of the building showing locations and dimensions of high-piled storage areas.

2. Usable storage height for each storage area.

3. Number of tiers within each rack, if applicable.

4. Commodity clearance between top of storage and the sprinkler deflector for each storage arrangement.

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5. Aisle dimensions between each storage array.
6. Maximum pile volume for each storage array.
7. Location and classification of commodities in accordance with Section 3203.
8. Location of commodities that are banded or encapsulated.
9. Location of required fire department access doors.
10. Type of fire suppression and fire detection systems.
11. Location of valves controlling the water supply of ceiling and in-rack sprinklers.
12. Type, location and specifications of smoke removal and curtain board systems.
13. Dimension and location of transverse and longitudinal flue spaces.
14. Additional information regarding required design features, commodities, storage arrangement and fire protection features within the high-piled storage area shall be provided at the time of permit, where required by the fire code official.

Action required- Provide information on storage in the warehouse area.

9. 2018 IFC- Exit Signs 1013.1 Where Required. Exits and exit access doors shall be marked by an approved exit sign readily visible from any direction of egress travel. The path of egress travel to exits and within exits shall be marked by readily visible exit signs to clearly indicate the direction of egress travel in cases where the exit of the path of egress travel is not immediately visible to the occupants. Intervening means of egress doors within exits shall be marked by exit signs. Exit sign placement shall be such that no point in an exit access corridor or exit passageway is more than 100 feet or the listed viewing distance for the sign, whichever is less, from the nearest visible exit sign. (see code section for exceptions)

Actions required:

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- Provide exit signage that leads out through hall between Sprinkler Room and Maintenance/Engineer Room.
- Modify plans to show how all exits will have emergency lighting at exterior side of landing per 1008.3.2, item #5.

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