

DEVELOPMENT SERVICES

PLAN REVIEW CONDITIONS

April 08, 2021

R. GARY GLUECK ARCHITECTURE
3797 LOOP RD
NASHVILLE, NC 27856

Permit No: PRCOM20211560
Project Title: SUMMIT ORCHARDS RETAIL CENTER - PETLAND
Project Address: 460 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: MERCANTILE
Description: TENANT FINISH FOR PET 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. (Plumb KC not licensed in Lee's Summit)

Building Plan Review

Reviewed By: Joe Frogge

Rejected

1. ICC A117.1 604.5.1 Fixed side wall grab bars. Fixed side-wall grab bars shall include a horizontal bar complying with Section 604.5.1.1 and a vertical grab bar complying with Section 604.5.12. The vertical grab bar at water closets primarily for children's use shall comply with Section 609.4.2. ICC A117.1 604.5.1.1 Horizontal grab bar. A horizontal grab bar 42 inches minimum in length shall be located 12 inches maximum from the rear wall and extending 54 inches minimum from the rear wall. ICC A117.1 604.5.1.2 Vertical grab bar. A vertical grab bar 18 inches minimum in length shall be mounted with the bottom of the bar located 39 inches minimum and 41 inches maximum above the floor, and with the center line of the bar located 39 inches minimum and 41 inches maximum from the rear wall.

Action required: Modify detail 8/4-2 to comply. Vertical grab bar too far from rear wall and horizontal bar is too short.

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2. 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 ½ 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: Suite designation for this address not yet assigned. Provide plan, or similar, showing entire building wing and relationship of this suite to the adjacent suites.

3. 2018 IBC 1606.2 Design dead load. For purposes of design, the actual weights of materials of construction and fixed service equipment shall be used. In the absence of definite information, values used shall be subject to the approval of the building official.

Action required: Provide engineer's report to verify that existing roof structure will support additional load or provide design to accommodate new weight from rooftop equipment.

4. 2018 IMC 606.2.1 Return air systems. Smoke detectors shall be installed in return air systems with a design capacity greater than 2,000 cfm, in the return air duct or plenum upstream of any filters, exhaust air connections, outdoor air connections, or decontamination equipment and appliances.

Exception: Smoke detectors are not required in the return air system where all portions of the building served by the air distribution system are protected by area smoke detectors connected to a fire alarm system in accordance with the International Fire Code. The area smoke detection system shall comply with Section 606.4.

Action required: Duct mounted smoke detectors belong in return, not supply. Re: HVAC General Notes, sheet M-2.

5. Missouri Board for Architects, Professional Engineers, Professional Land Surveyors and Professional Landscape Architects – Board Rules, Division 2030 – Chapter 3, 20 CSR 2030-3.060 Licensees Seal Documents must bear design professionals original seal with signature and date. (relevant portion paraphrased – reference original document for additional information)

Action required: All drawings are to bear dated seal and signature from architect/engineer of record including MEP sheets.

6. 2018 IMC 601.5 Return air openings. Return air openings for heating, ventilation and air-conditioning systems shall comply with all of the following:

1. Openings shall not be located less than 10 feet measured in any direction from an open combustion chamber or draft hood of another appliance located in the same room or space.
2. Return air shall not be taken from a hazardous or insanitary location or a refrigeration room as defined in this code.
3. The amount of return air taken from any room or space shall be not greater than the flow rate of supply air delivered to such room or space.
4. Return and transfer openings shall be sized in accordance with the appliance or equipment manufacturer's installation instructions, ACCA Manual D or the design of the registered design professional.
5. Return air taken from one dwelling unit shall not be discharged into another dwelling unit.
6. Taking return air from a crawl space shall not be accomplished through a direct connection to the return side of a forced air furnace. Transfer openings in the crawl space enclosure shall not be prohibited.
7. Return air shall not be taken from a closet, bathroom, toilet room, kitchen, garage, boiler room, furnace room or

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unconditioned attic.

8. Return air shall not be taken from indoor swimming pool enclosures and associated deck areas.
(see code for exceptions to item #8)

Action required: Provide path for return air to reach RTU #1.

7. 2018 IPC 606.2 Location of shutoff valves. Shutoff valves shall be installed in the following locations:

1. On the fixture supply to each plumbing fixture other than bathtubs and showers in one- and two-family residential occupancies, and other than in individual sleeping units that are provided with unit shutoff valves in hotels, motels, boarding houses and similar occupancies.
2. On the water supply pipe to each sillcock.
3. On the water supply pipe to each appliance or mechanical equipment.

Action required: Comment for informational purposes. Provide shutoff valves at required locations. To be verified at inspection.

8. 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: Provide complete design for water heater combustion and ventilation air.

9. Inadequate information to complete review.

Action required: Provide pipe material schedule.

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.

(Action Required)

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

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 all exterior 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

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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)

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

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.

(Informational Purposes)

Call (816)969-1300 to schedule testing.

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 Fire Extinguishers.

6. (Action Required)

Provide an additional exit sign leading into the hallway towards the exterior exit.

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