

DEVELOPMENT SERVICES

PLAN REVIEW CONDITIONS

February 24, 2022

ACI BOLAND ARCHITECTS
1710 WYANDOTTE ST
KANSAS CITY, MO 64108

Permit No: PRCOM20220365
Project Title: LEES SUMMIT MEDICAL CENTER ICU ADDITION
Project Address: 2100 SE BLUE PKWY, LEES SUMMIT, MO 64063
Parcel Number: 60420990900000000
Location / Legal: HCA MIDWEST, LOTS 1A & 1B---LOT 1A
Description:
Type of Work: ADDITION COMMERCIAL
Occupancy Group: INSTITUTIONAL, INCAPACITATED
Description: ADDITION TO EXISTING HOSPITAL ICU

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: Jim Eden

Approved

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 shop drawings for review and approval.

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.

Action required- Provide shop drawings for review and approval.

3. Provide a temporary exiting plan.

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4. 5306.5 Medical gas systems. Medical gas systems including, but not limited to, distribution piping, supply manifolds, connections, pressure regulators and relief devices and valves, shall be installed in accordance with NFPA 99 and the general provisions of this chapter. Existing medical gas systems shall be maintained in accordance with the maintenance, inspection and testing provisions of NFPA 99 for medical gas systems.

Action required- Provide documentation of gas line pressure testing. Labeling to be verified at time of inspection.

Building Plan Review

Reviewed By: Joe Frogge

Rejected

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

Action required: Comment is for informational purposes.

2/24/22 - Acknowledged in letter.

7. Unified Development Ordinance Article 8, Section 8.180.E

Roof mounted equipment – All roof-mounted equipment shall be screened entirely from view by using parapet walls at the same height as the mechanical units. For additions to existing buildings that do not meet this standard, individual screens will be permitted, with the design subject to approval by the Director.

Action required: Make needed corrections to drawings that provide details as to how mechanical equipment (including exhaust fans) will be screened from all 4 sides per referenced UDO section. (unless otherwise approved, this must be accomplished at the parapets - contact Planning Department for more information - 816.969.1600)

2/24/22 - to be addressed at FDP - field verify

8. 2017 NEC Article 517.13 Grounding of Receptacles and Fixed Electrical Equipment in Patient Care Spaces. Wiring in patient care spaces shall comply with 517.13(A) and (B).

(A) Wiring methods. All branch circuits serving patient care spaces shall be provided with an effective ground-fault current path by installation in a metal raceway system, or a cable having a metallic armor or sheath assembly. The metal raceway system, metallic cable armor, or sheath assembly shall itself qualify as an equipment grounding conductor in accordance with 250.118.

(B) Insulated Equipment Grounding Conductors and Insulated Equipment Bonding Jumpers.

(1) General. The following shall be directly connected to an insulated copper equipment grounding conductor that is clearly identified along its entire length by green insulation and installed with the branch circuit conductors in the wiring methods as provided in 517.13(A).

1. The grounding terminals of all receptacles other than isolated ground receptacles.

2. Metal outlet boxes, metal device boxes, or metal enclosures.

3. All non-current-carrying conductive surfaces of fixed electrical equipment likely to become energized that are subject to personal contact, operating at over 100 volts. (see code for exceptions)

(2) Sizing. Equipment grounding conductors and equipment bonding jumpers shall be sized in accordance with 250.122.

Action required: Modify drawings to show that all circuits in patient care areas will have redundant ground system.

2/22/22 - this comment is for the redundant ground in patient care areas.. referenced note not adequate.

Licensed Contractors

Reviewed By: Joe Frogge

Rejected

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

2/24/22 - Acknowledged in letter.

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.

2/24/22 - Acknowledged in letter.

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