

DEVELOPMENT SERVICES

PLAN REVIEW CONDITIONS

March 06, 2023

ACI BOLAND ARCHITECTS
1710 WYANDOTTE ST
KANSAS CITY, MO 64108

Permit No: PRCOM20226232
Project Title: SAINT LUKES EAST - ASC ADDITION
Project Address: 120 NE SAINT LUKES BLVD, LEES SUMMIT, MO 64086
Parcel Number: 52440044000000000
Location / Legal: SAINT LUKES HOSPITAL OF LEES SUMMIT LOTS 1 & 2---LOT 1
Description:
Type of Work: ADDITION COMMERCIAL
Occupancy Group: INSTITUTIONAL, INCAPACITATED
Description: 3 STORY ADDITION WITH MULTIPLE CLINICS - AMBULATORY CARE FACILITY

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 upload the revised documents and /or additional information to the application through the online portal. 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	Not Required
Building Plan Review	Reviewed By: Joe Frogge	Approved
Licensed Contractors	Reviewed By: Joe Frogge	Rejected

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.

2/13/23 - acknowledged in letter

Building Plan Review	Reviewed By: Joe Frogge	Rejected
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1. Prior to the installation or construction of any elevator equipment, an elevator equipment permit shall be obtained from the Missouri Department of Public Safety or its authorized representative.

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Action required: Comment is informational.

2. Prior to the operation of any new elevator equipment or the issuance of the operating certificate, such elevator equipment shall be inspected by a licensed inspector. Testing must be performed in accordance with these rules and regulations. The testing must be witnessed by a licensed inspector.

Action required: Comment is informational.

3. Elevator Safety Act and Rules 701.361 - Each privately owned or operated installation and each installation owned or operated by the state of Missouri or any political subdivision of the state shall have a certificate of inspection and meet the safety code promulgated pursuant to sections 701.350 to 701.380.

Action required: Comment is informational.

4. 2018 IBC 703.2 Fire-resistance ratings. The fire-resistance rating of building elements, components or assemblies shall be determined in accordance with the test procedures set forth in ASTM E 119 or UL 263 or in accordance with Section 703.3. The fire-resistance rating of penetrations and fire-resistant joint systems shall be determined in accordance Sections 714 and 715, respectively.

Provide the following:

- Complete details, UL information, and penetration instructions for all fire and smoke rated assemblies including exterior walls, floor, and roof construction.
- Clarify wall types. Many seem to be missing. Unable to locate some of the walls specified on sheet A030.

5. Provide door hardware schedule.

6. 2017 NEC Article 210.63 Heating, Air-Conditioning, and Refrigeration Equipment Outlet. A 125-volt, single-phase, 15- or 20-ampere-rated receptacle outlet shall be installed at an accessible location for the servicing of heating, air-conditioning, and refrigeration equipment. The receptacle shall be located on the same level and within 25 feet of the heating, air-conditioning, and refrigeration equipment. The receptacle outlet shall not be connected to the load side of the equipment disconnecting means.

Action required: Provide receptacle(s) within 25' of new roof mounted condensing units.

7. 2018 IMC 403.2 Outdoor air required. The minimum outdoor airflow rate shall be determined in accordance with Section 403.3. (see code for exception)

Action required: Revise drawings to show outside air calculations as well as method of delivery.

8. Provide pipe material schedule.

9. 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.

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(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.

10. The project cost, which is used to establish the permit fee, has not been provided.

Action required: Given that cost valuation has fluctuated due to splitting out foundation only permit, please provide cost estimate for addition and alteration including foundations but excluding site work. Currently at \$4,634,720.00.

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 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. 3311.2 Maintenance. Required means of egress and required accessible means of egress shall be maintained during construction and demolition, remodeling or alterations and additions to any building.

Exception: Approved temporary means of egress and accessible means of egress systems and facilities.

Action required- All temporary exiting shall be marked and staff trained on emergency egress plans. Temporary exiting is subject to inspection at anytime during the project.

Access to all fire protection for the existing building(FDC's) shall be maintained at all times. Any impairment to the existing buildings fire suppression or alarm system shall require notification and approval of the fire marshal.

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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.
Documentation of medical gas piping pressure testing shall be provided at occupancy inspection.

5. Class 1 hose connections to be provided in stair towers. Verified on sprinkler plans.

6. 2018 IFC 506.1- Where required. Where access to or within a structure or an area is restricted because of secured openings or where immediate access is necessary for life-saving or fire-fighting purposes, the fire code official is authorized to require a key box to be installed in an approved location. The key box shall be of an approved type and shall contain keys to gain necessary access as required by the fire code official.

Action required- A Knox elevator key box is required in the new lobby.

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