



PLAN REVIEW CONDITIONS

August 04, 2020

ACI BOLAND ARCHITECTS
1710 WYANDOTTE ST
KANSAS CITY, MO 64108

Permit No: PRCOM20202038
Project Title: SAINT LUKES EAST - MRI REPLACEMENT
Project Address: 80 NE SAINT LUKES BLVD, LEES SUMMIT, MO 64086
Parcel Number: 52440044000000000
Location: SAINT LUKES HOSPITAL OF LEES SUMMIT LOTS 1 & 2---LOT 1
Type of Work: ALTERATION COMMERCIAL
Occupancy Group: BUSINESS
Description: MRI REPLACEMENT

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 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

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. (Verified At Inspection)

Provide a non-ferrous fire extinguisher in the existing fire extinguisher cabinet.

Building Plan Review

Reviewed By: Joe Frogge

Pending

1. Incomplete information to complete review.

Provide the following:

- Complete UL detail information for rated smoke barrier construction including nail/screw patterns.
- Fire rating of door 1C147. (or clarify - demo plan calls for reuse of existing while new floor plan shows as new.)
- Penetration details.
- Clarify how rating is maintained at new zone valve box.

2. ICC A117.1 Section 404.2.3.2 Swinging Doors and gates. Swinging doors and gates shall have maneuvering clearances complying with Table 404.2.3.2.

Action required: Provide minimum door maneuvering clearance at MRI side of door 1C145.

3. 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.

The approval of plans and specifications does not permit the violation of any section of the Building Codes or other City Ordinances or State Law.

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