



## FIRE DEPARTMENT

### PLAN REVIEW CONDITIONS

June 04, 2015

ACI BOLAND  
1421 EAST 104TH ST; SUITE 100  
KANSAS CITY, MO 64131

Permit No: PRCOM20151156  
Project Title: SAINT LUKES HOSPITAL 5TH FLOOR MED-SURG. PATIENT ROOMS  
Project Address: 100 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: NEW TENANT FINISH  
Occupancy Group: INSTITUTIONAL, SUPERVISED ENVIRONMENT  
Description: TENANT INFILL FOR 30 MED-SURG. PATIENT ROOMS

***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.***

Codes Administration (816) 969-1200

Fire Department (816) 969-1300

#### **Building Plan Review**

**Reviewed By: Joe Frogge**

**Rejected**

1. ICC A117.1-2009 Section 404.2.3.2 Swinging Doors. Swinging doors shall have maneuvering clearances complying with Table 404.2.3.2.

Action required: Provide minimum 18" at latch side of door approaches in patient rooms where opening into corridor.

2. 2011 NEC 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 with 25' of new roof top HVAC equipment.

3. 2012 IMC 607.5.2 Fire Barriers. Ducts and air transfer openings that penetrate fire barriers shall be protected with listed fire dampers installed in accordance with their listing. Ducts and air transfer openings shall not penetrate exit enclosures and exit passageways except as permitted by Sections 1022.5 and 1023.6, respectively, of the International Building Code. (see code for exceptions)

2012 IMC 607.5.4 Corridors/smoke barriers. A listed smoke damper designed to resist the passage of

smoke shall be provided at each point a duct or air transfer opening penetrates a smoke barrier wall or a corridor enclosure required to have smoke and draft control doors with the International Building Code. Smoke dampers and smoke damper actuation methods shall comply with Section 607.5.4.1.

Action required: Provide fire dampers at penetrations of 1 hour rated walls including at 1 hour rated smoke barrier. Provide smoke dampers at penetrations of smoke barriers.

**Fire Plan Review**

**Reviewed By: Brian Austerman**

**Approved with Conditions**

1. Duct detection required on units over 2,000 cfm. Show on alarm plans
2. 2012 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.

Submit alarm plans for approval

3. 2012 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.

Submit sprinkler plans for approval

4. Provide med gas certification

***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 Codes Administration Department shall not be construed as a structural review of the project.***