



## FIRE DEPARTMENT

### PLAN REVIEW CONDITIONS

August 06, 2013

JE DUNN CONSTRUCTION  
1001 LOCUST  
KANSAS CITY, MO 64106

Permit No: PRCOM20130027  
Project Title: SAINT LUKES EAST RADIATION ONCOLOGY/UROLOGY  
Project Address: 100 NE SAINT LUKES BLVD, LEES SUMMIT, MO 64086110 NE SAINT LUKES BLVD, Unit:120,  
LEES SUMMIT, MO 64086  
Parcel Number: 52440044000000000  
Location: SAINT LUKES HOSPITAL OF LEES SUMMIT - LOT 1  
Type of Work: ADDITION COMMERCIAL  
Occupancy Group: INSTITUTIONAL, INCAPACITATED  
Description: SAINT LUKES EAST RADIATION ONCOLOGY/UROLOGY ADDITION AND FIRST  
FLOOR TENANT FINISH. THE RADIATION ONCOLOGY SUITE IS PART OF THE  
HOSPITAL AND IS ADDRESS 100 NE SAINT LUKE'S BLVD. THE UROLOGY SUITE  
IS ADDRESSED 110 NE SAINT LUKE'S BLVD, UNIT 120. THE BUILDING ADDITION  
IS 2,414 SF. THE TOTAL FINISHED SPACE COVERED UNDER THIS PERMIT IS  
14,784 SF.

*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: Michael Weisenborn**

**Approved with Conditions**

**Fire Plan Review**

**Reviewed By: Jim Eden**

**Approved with Conditions**

1. 2006 (IFC) Ammended- 2701.4 Permits. Permits shall be required as set forth in sections 105.6 and 105.7. The Hazardous Materials Permit shall encompass all materials that pose a significant risk to the life and property due to quantity or Physical and chemical properties.

Action Required: Call (816) 969-1300 to obtain a Hazardous Materials Permit for the LINAC unit.

2. 2006 IFC 407.3- Identification. Individual containers of hazardous materials, cartons or packages shall be marked or labeled in accordance with applicable federal regulations. Buildings, rooms and spaces containing hazardous materials shall be identified by hazard warning signs in accordance with Section 2703.5.

For information only, mark doors or areas accordingly. Verified at inspection

### 3. 2701.5.1 Hazardous Materials Management Plan.

Where required by the fire code official, each application for a permit shall include a Hazardous Materials Management Plan (HMMP). The HMMP shall include a facility site plan designating the following:

1. Storage and use areas.
2. Maximum amount of each material stored or used in each area.
3. Range of container sizes.
4. Locations of emergency isolation and mitigation valves and devices.
5. Product conveying piping containing liquids or gases, other than utility-owned fuel gas lines and low-pressure fuel gas lines.
6. On and off positions of valves for valves that are of the self-indicating type.
7. Storage plan showing the intended storage arrangement, including the location and dimensions of aisles.
8. The location and type of emergency equipment. The plans shall be legible and drawn approximately to scale. Separate distribution systems are allowed to be shown on separate pages.

Action Required: provide a Radiation management plan including emergency procedures, identification of sources and quantity and protection of sources and safeguards on equipment.

### 4. 3006.4 Medical gas systems.

Medical gas systems including, but not limited to, distribution piping, supply manifolds, connections, pressure regulators and relief devices and valves, shall comply with NFPA 99 and the general provisions of this chapter.

Action Required: Provide certification of system

5. 2006 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 sprinkler plans for approval, include standpipes at exterior doors if not already existing

6. 2006 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 alarm plans for approval

### 7. 907.12 Duct smoke detectors.

Duct smoke detectors shall be connected to the building's fire alarm control panel when a fire alarm system is provided. Activation of a duct smoke detector shall initiate a visible and audible supervisory signal at a constantly attended location. Duct smoke detectors shall not be used as a substitute for required open area detection.

Exceptions:

1. The supervisory signal at a constantly attended location is not required where duct smoke detectors activate the building's alarm notification appliances.
2. In occupancies not required to be equipped with a fire alarm system, actuation of a smoke detector shall activate a visible and an audible signal in an approved location. Smoke detector trouble conditions

shall activate a visible or audible signal in an approved location and shall be identified as air duct detector trouble.

Required for systems over 2,000 CFM. for information only, apply as required.

8. Provide approval documentation from state and federal agencies as required for the LINAC unit

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**Reviewed By: Michael Weisenborn**

**Approved**

**Fire Plan Review**

**Reviewed By: Brian Austerman**

**Approved with Conditions**

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7. 6/19/2013 2006 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.

Provide a knox box at the gate for FD access. Cal;l (816)969-1300 to obtain a knox box application

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8. 8/6/13 Review of revisions for temporary RT offices. No additional FD comments

***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.***