LEE'S SUMMIT FIRE DEPARTMENT
FIRE HEADQUARTERS
207 SE DOUGLAS STREET
LEE'S SUMMIT, MISSOURI 64063-2372
(816) 969-1300
FAX (816) 969-1313
TDD (816) 969-7407

PLAN REVIEW CONDITIONS

June 19, 2012

JE Dunn Construction Company
929 Holmes
Kansas City, MO 64106
P1 GROUP INC
16210 WEST 108TH ST
LENEXA, KS 66219
SHAW ELECTRIC COMPANY
3600 FULLER AVE
KANSAS CITY, MO 64129
P1 GROUP INC
16210 WEST 108TH ST
LENEXA, KS 66219
SAINT LUKES EAST HOSPITAL
100 NW SAINT LUKES BOULEVARD
LEES SUMMIT, MO 64064
ACI-BOLAND, INC
11229 Nall, Ste. 140
Leawood, KS 66211

Permit No:	PRCOM20121257
Project Title:	SAINT LUKES EAST 4TH FLOOR SURGICAL ICU
Project Address:	110 NE SAINT LUKES BLVD, LEES SUMMIT, MO 64086
Parcel Number:	52400043900000000
Location:	SAINT LUKE'S HOSPITAL OF LEE'S SUMMIT LOT 1---LOT 1 (EX PT IN RD)
Type of Work:	NEW TENANT FINISH
Occupancy Group:	INSTITTIONAL, INCAPACITATED
Description:	TENANT FINISH FOR INTENSIVE CARE UNIT

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

Fire Plan Review **Reviewed By: Jim Eden** **Rejected**

1. 905.4 Location of Class I standpipe hose connections.
Class I standpipe hose connections shall be provided in all of the following locations:
1. In every required stairway, a hose connection shall be provided for each floor level above or below grade. Hose connections shall be located at an intermediate floor level landing between floors, unless otherwise approved by the fire code official.

2. On each side of the wall adjacent to the exit opening of a horizontal exit.
Exception: Where floor areas adjacent to a horizontal exit are reachable from exit stairway hose connections by a 30-foot (9144 mm) hose stream from a nozzle attached to 100 feet (30480 mm) of hose, a hose connection shall not be required at the horizontal exit.
3. In every exit passageway, at the entrance from the exit passageway to other areas of a building.

Action required: Provide a fire hose cabinet with a 2 1/2 in hose valve along the new wall by door 4F021. Extend from the existing stairwell system. This condition shall apply to all floors that have had the second access from the existing stairwell to the new building removed.

2. 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.

Provide shop drawings for review and approval.

3. 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.

Provide shop drawings for review and approval.

4. 905.4 Location of Class I standpipe hose connections.
Class I standpipe hose connections shall be provided in all of the following locations:

6.Where the most remote portion of a nonsprinklered floor or story is more than 150 feet (45 720 mm) from a hose connection or the most remote portion of a sprinklered floor or story is more than 200 feet (60 960 mm) from a hose connection, the fire code official is authorized to require that additional hose connections be provided in approved locations.

Action required:Provide a hose valve in corridor 4F034 to meet this requirement, preferably on the wall adjacent to the Stair 4F011.

5. 2006 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.

Action required: Call (816) 969-1300 to schedule testing.

6. Access controlled doors to the floor shall release with the activation of the fire alarm.

Verified at inspection.

7. 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 documentation of pipe testing. All piping and valves shall be labeled in accordance with NFPA 99. Verified at inspection.

Building Plan Review **Reviewed By: Michael Weisenborn** **Rejected**

1. A third party review of the electrical system shall be provided.

Action required - Provide documentation of approval.

2. 2006 IBC Section 3004.1 - Vents required. Hoistways of elevators and dumbwaiters penetrating more than three stories shall be provided with a means for venting smoke and hot gases to the outer air in case of fire.

Action required - Show how this requirement will be met for the freight elevator.

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.