

LEE'S SUMMIT FIRE DEPARTMENT

FIRE HEADQUARTERS
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PLANS REVIEW CONDITIONS

Permit No:	PRCOM20114943	Date:	May 10, 2012
Project Title:	SAINT LUKES EAST - SURGICENTER ADDITION	Applicant:	
Location:	JAYHAWK FIRE SPRINKLERS		
120 NE SAINT LUKES BLVD, LEES SUMMIT, MO	10629 SUMMIT STREET		
64086	LENEXA, KS 66215--2051		
Type of Work:		Primary:	(913) 422-3770
Occupancy Group:	I-2		
Description:	SURGICAL ADDITION SHELL ONLY		
Construction Type:	Type IA		
Map Page:	175X		

Listed below are requirements from our department for the project noted above. If you have any additional questions, please contact our department for further clarification.

Sprinkler Plan Review

Reviewed By: Jim Eden

Rejected

1. 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.

Plans recieved March 12, 2012 and May 7, 2012 Provide revised plans for the first floor tenant finish.

2. The plans do not include build out of the shell building including standpipes at first floor exterior doors. Provide tenant finish plans as part of this submittal or provide complete shell plans.

1st Floor tenant finish plans provided on May 9th, 2012. Plans evaluated as a complete package.

3. The proposed riser is NOT supported by an FDC. There is also not a clear separation on the exterior of the building to determine which FDC would be supported by the fire deparment if needed.

Provide a clear separation of new and existing system or extend from the the the existing riser as allowed by square the square footage requirements of NFPA 13. If an FDC is provided, It shall be located within 100 feet of an accessible fire hydrant.

Action taken: The east side of the Surgi-Center is supported by the main Surgi-Center riser and supplied via the service tunnel. Flow control valves need to be clearly identified for the area they serve.

Verified at inspection.

4. The FHC's shown at the east and northeast first floor exterior doors on the shell building system are not supplied or shown on tenant finish sprinkler plans.

Provide revised 1st floor tenant finish plans.

5. Provide revised calculations for the first floor tenant finish and indicate the safety margin. The safety margin should be 5 psi or greater.

6. The first floor tenant finish shall be designed to the 2002 NFPA 13 and the 2006 IBC and IFC. Several editions of NFPA 13 are referred to on the plans.

7. 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.

Call (816) 969-1300 to schedule hydrostatic and flow testing.

8. For information only. Confirmed with Jayhawk that the 4 inch line from the FDC shown on the Existing Riser Detail, FP-3, does not go directly to the sprinklers.