



LEE'S SUMMIT
MISSOURI



FIRE DEPARTMENT

Prevention Division
(816)969-1300

PLANS REVIEW CONDITIONS

Permit No:	PRCOM20211647	Date:	March 11, 2022
Project Title:	LEE'S SUMMIT ANIMAL HOSPITAL - INSIDE NEW PETSUITES BUILDING	Applicant:	
Location:		PALMER ELECTRIC CO	
250 NW MCNARY CT, LEES SUMMIT, MO 64086		6600 ROYAL ST, BLDG B	
Type of Work:		PLEASANT VALLEY, MO 64068	
Occupancy Group:	B	Primary:	(816) 479-2587
Description:	TENANT FINISH FOR NEW VET CLINIC INSIDE NEW PETSUITES BUILDING (PRCOM20210427)		
Construction Type:	Type IIB (Unprotected)		
Map Page:			

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.

Alarm Plan Review

Reviewed By: Jim Eden

Rejected

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.

Action required- Provide plans stamped by a Missouri licensed P.E. Include equipment specifications.

03/02/2022- Resolved. Stamped plans were provided with minimal changes based on provided comments. Plans are reviewed under the 2018 Edition of the International Fire Code and the 2016 Edition of NFPA 72.

2. 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.

Call (816) 969-1300 to schedule a test.

3. Remove the exterior notification appliances except for the horn/strobe over the FDC for activation by waterflow only.

4. Provide audible notification appliances in the boarding and daycare areas. Remove the audible appliances and replace with visual notification only in the surgical areas.
5. Relays to the ceiling fans are only required unless the are high volume low speed (HVLS) appliances. It is also not required under the 2016 Edition of NFPA 72, adopted as the standard by the 2018 IFC.
6. The Knox Box shall be mounted 6' AFF over the FDC and below the exterior horn/strobe.

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3. Heat detection is not required. The same is true with smoke detection except as required by other portions of the code. Smoke detection in some areas may be problematic due to ambient conditions.
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The applicant understands that the requirements listed above must be corrected to conform to applicable City Codes and Ordinances.