



LEE'S SUMMIT
MISSOURI



FIRE DEPARTMENT

Prevention Division
(816)969-1300

PLANS REVIEW CONDITIONS

Permit No: PRCOM20213548 Date: June 20, 2022
Project Title: SIGNATURE AT WEST PRYOR PHASE 2 - Applicant:
BUILDING 1
Location: LYNN ELECTRIC & COMMUNICATIONS INC
2100 NW LOWENSTEIN DR, LEES SUMMIT, MO 64081 725 N 2ND ST STE K
Type of Work: LAWRENCE, KS 66044
Occupancy Group: R-2
Description: NEW APARTMENT BUILDING Primary: (785) 843-5709
Construction Type: Type VA (1 hour)
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.

Revised drawings received for Building 2100 and 2150.

It is assumed that single station smoke detection in the individual apartments will be provided as part of the electrical package.

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.

Action required- Call (816)

3. The Building 2, Floor 2, Area C drawing is the same as the first floor, including the exterior doors from the second floor.

Confirm drawing.

4. The exterior horn/strobe shall be located above the FDC. The drawing shows it located over the sprinkler room door.

Confirm location.

5. Confirm water flow, supervisory, and tamper switches are provided on on the Building 2 riser.

6. Provide a manual pull station at a central location in the lobby of each building (Near the the FAAP).

7. Where are the elevator machine rooms located and will detection be provided?

8. Activation of a duct detector shall shut down the RTU's and furnace.

Alarm Plan Review

Reviewed By: Jim Eden

Rejected

1. Provide plans with room numbers and indicators of intended use.

2. 907.2.10.2 Groups R-2, R-3, R-4 and I-1. Single or multiple-station smoke alarms shall be installed and maintained in Groups R-2, R-3, R-4 and I-1 regardless of occupant load at all of the following locations:

1. On the ceiling or wall outside of each separate sleeping area in the immediate vicinity of bedrooms.
2. In each room used for sleeping purposes.
3. In each story within a dwelling unit, including basements but not including crawl spaces and uninhabitable attics. In dwellings or dwelling units with split levels and without an intervening door between the adjacent levels, a smoke alarm installed on the upper level shall suffice for the adjacent lower level provided that the lower level is less than one full story below the upper level.

Action required- Show the location of smoke appliances in the apartments.

3. Provide initiating appliances in the elevator machine room and top of shafts.

4. Will a FAAP be installed in the sprinkler room or main entrance?

5. Where are the sprinkler system alarm components for Building 2?

The applicant understands that the requirements listed above must be corrected to conform to applicable City Codes and Ordinances.