



**LEE'S SUMMIT**  
MISSOURI



## **FIRE DEPARTMENT**

**Prevention Division**  
**(816)969-1300**

### **PLANS REVIEW CONDITIONS**

Permit No: PRCOM20225393

Project Title: FIRE STATION #5

Location:

801 SW M 150 HWY, LEES SUMMIT, MO 64082

Type of Work:

Occupancy Group: MIX

Description: NEW FIRE STATION #5

Construction Type: Type IIB (Unprotected)

Map Page:

Date: September 08, 2023

Applicant:

ENVISION TECHNOLOGY GROUP

6985 W 153RD ST

OVERLAND PARK, KS 66223

<NO CONTACT NAME AVAILABLE>

<NO CONTACT INFORMATION AVAILABLE>

Primary:

**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. How is the system being monitored? The alarm shall be remote monitored by Fire Communications (816) 969-7360.

2. Provide a relay for the kitchen hood/suppression system.

3. 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.

Plans received. Provide specifications.

4. Why are there 135CD horn/strobes in the bunk rooms?

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

- 1.
- 2.
- 3.
4. How is the system being monitored?

**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-Revised plans need to be stamped by a PE.

2. Correct applicable code to the 2018 IBC.
3. Provide equipment specifications.

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