



### **PLAN REVIEW CONDITIONS**

November 18, 2020

ME Engineers  
2480 Pershing Rd; Suite 100  
Kansas City, MO 6410

Permit No: PRCOM20204327  
Project Title: FIRE STATION #1 - HVAC  
Project Address: 207 SE DOUGLAS ST, LEES SUMMIT, MO 64063  
Parcel Number: 61340200600000000  
Location: HOWARDS 1ST ADD TO L S S1/2 OF LT 7 & ALL OF LTS 8 & 9 BLK 17 & ALL VAC ALLEY LY ADJ  
TO LOTS 8, 9, & 4 BLK 17  
Type of Work: REPAIR REPLACE UPGRADE  
Occupancy Group:  
Description: REPLACE ROOFTOP HVAC AND ALTER INTERIOR DUCT SYSTEMS

***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.***

Development Services Department (816) 969-1200

Fire Department (816) 969-1300

#### **Building Plan Review**

**Reviewed By: Joe Frogge**

**Rejected**

1. The project cost, which is used to establish the permit fee, has not been provided.

Action required: Provide cost estimate.

2. 2018 IBC 1606.2 Design dead load. For purposes of design, the actual weights of materials of construction and fixed service equipment shall be used. In the absence of definite information, values used shall be subject to the approval of the building official.

Action required: Provide verification that either the weight of new roof top equipment is less than or equal to original equipment or provide engineer's report to verify that existing roof structure will support additional load.

#### **Fire Plan Review**

**Reviewed By: Michael Weissenbach**

**Approved with Conditions**

1. 2018 IFC 907.3.1 Duct smoke detectors. Smoke detectors installed in ducts shall be listed for the air velocity, temperature and humidity present in the duct. Duct smoke detectors shall be connected to the building's fire alarm control unit when a fire alarm system is required by Section 907.2. Activation of a duct smoke detector shall initiate a visible and audible supervisory signal at a constantly attended location

and shall perform the intended fire safety function in accordance with this code and the International Mechanical Code. Duct smoke detectors shall not be used as a substitute for required open area detection.

(Informational Purposes)

Provide Remote Test Switches for the duct detectors.

***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 Development Services Department shall not be construed as a structural review of the project.***