



LEE'S SUMMIT
MISSOURI



FIRE DEPARTMENT

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

PLAN REVIEW CONDITIONS

December 22, 2022

MARION RIDGE SAFETY STORAGE LLC
1120 NW EAGLE RIDGE BLVD, GRAIN VALLEY MO 64029
GRAIN VALLEY, MO 64029

Permit No: PRCOM20224906
Project Title: I-470 BUSINESS AND TECHNOLOGY CENTER
Project Address: 2701 NE MCBAIN DR, LEES SUMMIT, MO 64064
Parcel Number: 52200011500000000
Location: I-470 BUSINESS & TECHNOLOGY CENTER---LOT 7
Type of Work: NEW COMMERCIAL
Occupancy Group: STORAGE, MODERATE HAZARD
Description: SPEC WAREHOUSE SUITES FOR SMALL CONTRACTOR TENANTS

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

Fire Plan Review

Reviewed By: Ben Hicks

Approved

Building Plan Review

Reviewed By: Joe Frogge

Pending

1. The building permit for this project cannot be issued until the Development Services Department has received, approved, and processed the Final Development Plan.

Action required: Comment is informational.

2. 2018 IBC 1704.2 Special inspections. Where application is made for construction as described in this section, the owner or the registered design professional in responsible charge acting as the owner's agent shall employ one or more approved agencies to perform inspections during construction on the types of work listed under Section 1705. These inspections are in addition to the inspections identified in Lee's Summit Code of Ordinances Chapter 7. (see code section for exceptions)

Action required: Provide statement of special inspections / letter of responsibility from company contracted to perform special inspections.

3. Unified Development Ordinance Article 8, Section 8.180.E

Roof mounted equipment – All roof-mounted equipment shall be screened entirely from view by using parapet walls at the same height as the mechanical units. For additions to existing buildings that do not meet this standard, individual screens will be permitted, with the design subject to approval by the Director.

Action required: Make needed corrections to drawings that provide details as to how mechanical equipment will be screened from all 4 sides per referenced UDO section. (parts of parapet are shorter than typical condensing unit)

4. 2018 IBC 1004.1 Design occupant load. In determining means of egress requirements, the number of occupants for whom means of egress facilities shall be provided shall be determined in accordance with this section.

Action required: Either use 1:500 occupant load calculations per schedule or note in code analysis that increase is being used per 1004.5.1.

5. Discrepancies found comparing site work to building plans.

Coordinate/clarify the following:

- 4" sanitary at building exit vs. 6" sanitary to main.
- Code analysis shows no fire suppression system but site and building plans show suppression.

6. 2018 IPC 403.1 Minimum number of fixtures. Plumbing fixtures shall be provided in the minimum number shown in Table 403.1, based on the actual use of the building or space. Uses not shown in Table 403.1 shall be considered individually by the code official. The number of occupants shall be determined by the International Building Code.

Action required: Provide mop sink at each suite.

7. 2018 IMC 306.5 Equipment and appliances on roofs or elevated structures. Where equipment requiring access or appliances are located on an elevated structure or the roof of a building such that personnel will have to climb higher than 16 feet above grade to access such equipment or appliances, an interior or exterior means of access shall be provided. Such access shall not require climbing over obstructions greater than 30 inches in height or walking on roofs having a slope greater than 4 units vertical in 12 units horizontal. Such access shall not require the use of portable ladders. Where access involves climbing over parapet walls, the height shall be measured to the top of the parapet wall. Permanent ladders installed to provide the required access shall comply with the following minimum design criteria: 1. The side railing shall extend above the parapet or roof edge not less than 30" (see code section for additional construction requirements)

Action required: Provide permanent means of roof access.

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.

