

LEE'S SUMMIT FIRE DEPARTMENT

FIRE HEADQUARTERS
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PLAN REVIEW CONDITIONS

January 07, 2013

CITY OF LEES SUMMIT
207 SW MARKET ST
LEES SUMMIT, MO 64063

Permit No: PRCOM20122777
Project Title: LEES SUMMIT POLICE DEPARTMENT FIRING RANGE ADDITION
Project Address: 10 NE TUDOR RD, LEES SUMMIT, MO 64086
Parcel Number: 52900043700000000
Location: NEW LEES SUMMIT POLICE & COURT FACILITY LOT 1A
Type of Work: ADDITION COMMERCIAL
Occupancy Group:
Description: FIRING RANGE ADDITION TO POLICE STATION

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.

Codes Administration (816) 969-1200

Fire Department (816) 969-1300

Building Plan Review

Reviewed By: Michael Weisenborn

Pending

Fire Plan Review

Reviewed By: Brian Austerman

Approved with Conditions

1. 2006 IFC 901.2- Construction documents. The fire code official shall have the authority to require construction documents and calculations for all fire protection systems and to require permits be issued for the installation, rehabilitation or modification of any fire protection system. Construction documents for fire protection systems shall be submitted for review and approval prior to system installation.

Action Required: Provide sprinkler plans for approval

2. 2006 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 alarm plans for approval

3. 1411.2 Maintenance.

Required means of egress shall be maintained during construction and demolition, remodeling or alterations and additions to any building.

Exception: Approved temporary means of egress systems and facilities.

Exiting shall be maintained during construction

4. 2006 IFC 906.2 - General requirements. Portable fire extinguishers shall be selected, installed and maintained in accordance with this section and NFPA 10.

Provide a 2A10B:C fire extinguisher in the Sally Port, verified at inspection

5. 2006 IFC 506.1- Where required. Where access to or within a structure or an area is restricted because of secured openings or where immediate access is necessary for life-saving or fire-fighting purposes, the fire code official is authorized to require a key box to be installed in an approved location. The key box shall be of an approved type and shall contain keys to gain necessary access as required by the fire code official.

Provide a knox system on the gates for Fire Department Access. Call 816-969-1300 to obtain a Knox Box application

6. 907.12 Duct smoke detectors.

Duct smoke detectors shall be connected to the building's fire alarm control panel when a fire alarm system is provided. Activation of a duct smoke detector shall initiate a visible and audible supervisory signal at a constantly attended location. Duct smoke detectors shall not be used as a substitute for required open area detection.

Activation of a duct detector shall shut down the unit and transmit a supervisory signal to the alarm palen. Required in units over 2,000 cfm.

7. 3304.3.1 High explosives.

Explosive materials classified as Division 1.1 or 1.2 or formerly classified as Class A by the U.S. Department of Transportation shall be stored in Type 1, 2 or 3 magazines.

Exceptions:

1. Black powder shall be stored in a Type 1, 2, 3 or 4 magazine.
2. Cap-sensitive explosive material that is demonstrated not to be bullet sensitive, shall be stored in a Type 1, 2, 3, 4 or 5 magazine.

3304.3 Magazines.

The storage of explosives and explosive materials in magazines shall comply with Table 3304.3.

Action Required: Storage of explosives shall comply with chapter 33 of the International Fire Code 2006 ed. For information only

8. 1008.1.8.4 Bolt locks.

Manually operated flush bolts or surface bolts are not permitted.

Delayed locks, keypad or electronic card readers that drop off on alarm are allowed, for information only

9. Provide card access in the knox box for fire department use in non-detention areas

10. Where enclosures are extended the standpipes need to be relocated to accomidate the new exits

11. 2006 IFC 1004.3- Posting of occupant load. Every room or space that is an assembly occupancy shall have the occupant load of the room or space posted in a conspicuous place, near the main exit or exit access

doorway from the room or space. Posted signs shall be of an approved legible permanent design and shall be maintained by the owner or authorized agent.

Post occupant load in all assembly areas

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 Codes Administration Department shall not be construed as a structural review of the project.