

LEE'S SUMMIT FIRE DEPARTMENT

FIRE HEADQUARTERS
207 SE DOUGLAS STREET
LEE'S SUMMIT, MISSOURI 64063-2372
(816) 969-1300
FAX (816) 969-1313
TDD (816) 969-7407

PLAN REVIEW CONDITIONS

March 13, 2013

TREANOR ARCHITECTS
1617 WALNUT ST
KANSAS CITY, MO 64108

Permit No: PRCOM20130305
Project Title: LEE'S SUMMIT POLICE DEPARTMENT HEADQUARTERS
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: MIXED OCCUPANCY
Description: POLICE DEPARTMENT ADDITION AND RENOVATION - OCCUPANCY TYPES ARE A-2, I-3 AND S-2

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
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.

Provide plans for approval for the sprinkler system

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.

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 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 box system on the gates for Fire Department access. Call 969-1300 for a knox box application

6. 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.

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

9. Access controlled doors shall comply with NFPA 101 chapter 22, 2002 ed.

22.2.11.9- All remote-control release-operated doors shall be provided with a redundant means of operation as follows:

- (1) Power-operated sliding doors or power operated locks shall be constructed so that, in the event of power failure, a manual mechanical means to release and open the doors is provided at each door, and either emergency power arranged in accordance with 7.9.2.3 is provided for the power operation or a remote-control manual mechanical release is provided.
- (2) Mechanically operated sliding doors or mechanically operated locks shall be provided with a manual mechanical means at each door to release and open the door

For information only

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.