

CITY OF LEE'S SUMMIT

CODES ADMINISTRATION DEPARTMENT

220 SE Green Street
Lee's Summit, MO 64063
(816) 969-1200
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PLAN REVIEW CONDITIONS

February 24, 2011

MARTIN GREGORY L
212 SE TOPAZ CRT
LEES SUMMIT, MO 64063--5146

Permit No: PRCOM20110161
Project Title: Plato's Closet
Project Address: 1170 NE DOUGLAS ST, LEES SUMMIT, MO 64086
Parcel Number: 52910140600000000
Location: DOUGLAS STATION COMMERCIAL PARK LOTS 3-A, 4-A & 5-A---LOT 5-A
Type of Work: Change of Tenant
Occupancy Group: Mercantile
Description: Tenant finish

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

Fire Plan Review

Reviewed By: Jim Eden

Approved

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 shop drawings for sprinkler alterations.,

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 shop drawings showing the location of new and relocated appliances. The drawings show smoke detectors. Were these intended to be the remote LED/reset switches for the duct detectors?

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3. 2006 IFC 901.6- Inspection, testing and maintenance. Fire detection, alarm and extinguishing systems shall be maintained in an operative condition at all times, and shall be replaced or repaired where defective. Not required fire protection systems and equipment shall be inspected, tested and maintained or removed.

The existing fire protection system shall have documentation of a current annual inspection. Verified at inspection.,

4. 2006 IFC 901.5- Installation acceptance testing. Fire detection and alarm systems, fire-extinguishing systems, fire hydrant systems, fire standpipe systems, fire pump systems, private fire service mains and all other fire protection systems and appurtenances thereto shall be subject to acceptance tests as contained in the installation standards and as approved by the fire code official. The fire code official shall be notified before any required acceptance testing. The fire code official shall be notified 48 hours before any required acceptance test.

New and relocated appliances will be tested at inspection, preferably before the regular business hours of the neighboring tenants.,

5. 2006 IFC 505.1- Address numbers. New and existing buildings shall have approved address numbers, building numbers or approved building identification placed in a position that is plainly legible and visible from the street or road fronting the property. These numbers shall contrast with their background. In Multi-tenant commercial building where tenants have multiple entrances located on different sides of the building , each door shall be addressed. Address numbers shall be Arabic numerals or alphabet letters. Numbers shall be a minimum of 4 inches (102 mm) high with a minimum stroke width of 0.5 inch (12.7 mm).

Action required: All exterior doors shall be posted with the same address. Verified at inspection.,

6. 2006 IFC 906.2 - General requirements. Portable fire extinguishers shall be selected, installed and maintained in accordance with this section and NFPA 10.

Action required: Provide one additional 2A:10B:C fire extinguisher.,

Building Plan Review

Reviewed By: Michael Weisenborn

Rejected

1. The construction type provided on Sheet C-1 is Type I-B which is incorrect. The actual construction type of the building is Type V-B.

Action required - Make needed corrections.,

2. 2006 IBC 1004.1.1 - Areas without fixed seating. The number of occupants shall be computed at the rate of one occupant per unit of area as prescribed in Table 1004.1.1. For areas with out fixed seating, the occupant load shall not be less than that number determined by dividing the floor area under consideration by the occupant per unit of area factor assigned to the occupancy as set forth in Table 1004.1.1. Where an intended use is not listed in Table 1004.1.1, the building official shall establish a use based on a listed use that most nearly resembles the intended use.

Action required - Provide the calculated occupant load with the Code Data and Design Loads.,

3. All plans submitted for review on or after July 9, 2007 shall be designed to the requirements of the 2006 International Building Code, 2006 International Mechanical Code, 2006 International Plumbing Code, 2006 International Fuel Gas Code, 2006 International Fire Code, 2005 National Electric Code and the ANSI A117.1-2003 as amended and adopted by the City of Lee's Summit.

Action required - Please add the additional required codes to the Applicable Codes section.

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4. The plans show that wall type 4A is a firewall. There are no required fire-rated assemblies in this project. If the intent is to build a fire-resistive assembly the listing of the assembly needs to be provided. If the rated assembly is not intended to be constructed than the notation on the detail needs to be removed.

Action required - Make needed corrections.,

5. 2006 IBC 1008.1.1 - Size of doors. The minimum width of each door opening shall be sufficient for the occupant load thereof and shall provide a clear width of not less than 32 inches. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90 degrees. Where this section requires a minimum clear width of 32 inches and a door opening includes two door leaves without a mullion, one leaf shall provide a clear width of 32 inches. The maximum width of a swinging door leaf shall be 48 inches nominal. Means of egress doors in Group I-2 occupancy used for the movement of beds shall provide a clear width not less than 41.5 inches. The height of doors shall not be less than 80 inches.

Action required - Make needed corrections to the door to the window display area, office and fitting rooms.

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6. As we discussed when the plans were submitted for review, the new men's restroom will be required to meet the current requirements for clearances.

Action required - Make needed corrections.,

7. As we discussed when the plans were submitted for review, the accessible restroom will be required to meet the ANSI A117.1 requirements for an accessible restroom.

Action required - Make needed corrections.

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8. 2006 IBC 1109.12.3 - Point of sale and service counters. Where counters are provided for sales or distribution of goods or services, at least one of each type provided shall be accessible. Where such counters are dispersed throughout the building or facility, accessible counters shall also be dispersed.

Action required - Provide details showing compliance with the requirements for an accessible counter.

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9. ICC/ANSI A117.1 2003 604.5.1 - Fixed sidewall grab bars. Fixed sidewall grab bars shall be 42 inches minimum in length, located 12 inches maximum from the rear wall and extending 54 inches minimum from the rear wall. In addition, a vertical grab bar 18 inches minimum in length shall be mounted with the bottom of the bar located between 39 inches and 41 inches above the floor, and with the center line of the bar located between 39 inches and 41 inches from the rear wall.

Action required - Add the additional 18" vertical grab bar.

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10. 2005 NEC 210.62 Show windows. At least one receptacle outlet shall be installed directly above a show window for each 3.7 linear m (12 linear ft) or major fraction thereof of show window area measured horizontally at its maximum width.

Action required - Make corrections as needed.

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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.