



FIRE DEPARTMENT

PLAN REVIEW CONDITIONS

June 10, 2014

PHOENIX CONSTRUCTION, INC
1305 HOLLY CT
LIBERTY, MO 64068

Permit No: PRCOM20141292
Project Title: KANSAS CITY SALT MINE
Project Address: 3680 NE AKIN DR, Unit:112, LEES SUMMIT, MO 64064
Parcel Number: 43810020700000000
Location: CHAPEL RIDGE BUSINESS PARK, LOTS 10-18 & TRACTS H THRU K---LOT 17
Type of Work: NEW TENANT FINISH
Occupancy Group: BUSINESS
Description: TENANT FINISH FOR MASSAGE THERAPY

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: Joe Frogge

Pending

1. 2012 IBC 410.4 Platform construction. Permanent platforms shall be constructed of materials as required for the type of construction of the building in which the permanent platform is located. Permanent platforms are permitted to be constructed of fire-retardant woods for Types I, II and IV construction where the platforms are not more than 30 inches above the main floor, and not more than one-third of the room or floor area and not more than 3,000 square feet in area. Where the space beneath the permanent platform is used for storage or any purpose other than equipment, wiring or plumbing, the floor assembly shall be not less than 1-hour fire-resistance-rated construction. Where the space beneath the permanent platform is used only for equipment, wiring or plumbing, the underside of the permanent platform need not be protected.

Action required: Update drawing to show compliance. If wood is used for platform construction it must be fire-retardant treated.

2. 2011 NEC 210.8 (B) Other Than Dwelling Units. All 125-volt, single-phase, 15- and 20-ampere receptacles installed in the locations specified in 210.8(B)(1) through (8) shall have ground-fault circuit-interrupter protection for personnel.

- (1) Bathrooms
- (2) Kitchens
- (3) Rooftops
- (4) Outdoors

(5) Sinks - where receptacles are installed within 6 feet of the outside edge of the sink.

- (6) Indoor wet locations
 - (7) Locker rooms with associated showering facilities
 - (8) Garages, service bays, and similar areas where electrical diagnostic equipment, electrical hand tools, or portable lighting equipment are to be used.
- (refer to code for exceptions)

Action required: Modify drawings to show that all receptacles within 6' of a sink will be GFCI protected.

3. 2012 IBC 1103.1 (Accessibility) Where required. Sites, buildings, structures, facilities, elements and spaces, temporary or permanent, shall be accessible to persons with physical disabilities.

Action required: Modify drawings to show that break room counter and sink are accessible.

4. 2012 IPC 604.9 Water hammer. The flow velocity of the water distribution system shall be controlled to reduce the possibility of water hammer. A water-hammer arrestor shall be installed where quick-closing valves are utilized. Water-hammer arrestors shall be installed in accordance with the manufacturer's instructions. Water-hammer arrestors shall conform to ASSE 1010.

Action required: Air chambers are no longer an acceptable method of water hammer protection. Modify drawings to show acceptable method.

5. Specialized equipment.

Action required: This comment is for informational purposes. Special use equipment must be Listed and installed per listing. Manufacturer's installation instructions must be on site for inspections.

Fire Plan Review

Reviewed By: Brian Austerman

Approved with Conditions

- 1. Add an exterior emergency light at the rear entrance, if not existing

6/10/14 SHOWN ON PLANS

- 2. 2012 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 (5 lb)

ACKNOWLEDGED

- 3. 2012 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 sprinkler plans for any alterations made to the system

- 4. 2012 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 if modifications to interior notification are required

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.