



FIRE DEPARTMENT

PLAN REVIEW CONDITIONS

August 23, 2017

SGN+A ARCHITECTS
315 W PONCE DE LEON AVE #755
DECATUR, GA 30030

Permit No: PRCOM20172500
Project Title: MERIDIAN AT VIEW HIGH - CLUBHOUSE
Project Address: 201 SW Kessler Dr
Parcel Number:
Location: SEC-03 TWP-47 RNG-32---PT SW 1/4 DAF: BEG W COR SEC-03 TH S 87 DEG 16 MIN
13 SEC E 30' TO TRU POB TH S 03 DEG 19 MIN 37 SEC W 944.21' TH S 86 DEG 40 MIN
24 SEC E 1146.1' TH N 03 DEG 19 MIN 37 SEC E 956.15' TH N 87 DEG 16 MIN 13 SEC W
1146.16' TO TRU POB
Type of Work: NEW COMMERCIAL
Occupancy Group:
Description: NEW CLUBHOUSE WITH DOG GROOMING AND GYM

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: Joe Dir

Approved with Conditions

1. 2012 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: (verified at inspection)

Address shall be readable from the roadway.

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 minimum of one 2A-10BC fire extinguisher on each level of the building. Fire extinguishers shall be mounted on a normal path of travel close to an exit.

3. Door operations:

ACTION REQUIRED: No keyed locks on the egress side of an exit

B] 1008.1.9 Door operations.

Except as specifically permitted by this section egress doors shall be readily openable from the egress side without the use of a key or special knowledge or effort.

ACTION REQUIRED: controlled access card readers

[B] 1008.1.9.8 Access-controlled egress doors.

The entrance doors in a means of egress in buildings with an occupancy in Groups A, B, E, I-2, M, R-1 or R-2, and entrance doors to tenant spaces in occupancies in Groups A, B, E, I-2, M, R-1 or R-2, are permitted to be equipped with an approved entrance and egress access control system, listed in accordance with UL 294, which shall be installed in accordance with all of the following criteria:

1. A sensor shall be provided on the egress side arranged to detect an occupant approaching the doors. The doors shall be arranged to unlock by a signal from or loss of power to the sensor.
2. Loss of power to that part of the access control system which locks the doors shall automatically unlock the doors.
3. The doors shall be arranged to unlock from a manual unlocking device located 40 inches to 48 inches (1016 mm to 1219 mm) vertically above the floor and within 5 feet (1524 mm) of the secured doors. Ready access shall be provided to the manual unlocking device and the device shall be clearly identified by a sign that reads "PUSH TO EXIT." When operated, the manual unlocking device shall result in direct interruption of power to the lock—independent of the access control system electronics—and the doors shall remain unlocked for a minimum of 30 seconds.
4. Activation of the building fire alarm system, if provided, shall automatically unlock the doors, and the doors shall remain unlocked until the fire alarm system has been reset.
5. Activation of the building automatic sprinkler or fire detection system, if provided, shall automatically unlock the doors. The doors shall remain unlocked until the fire alarm system has been reset.
6. Entrance doors in buildings with an occupancy in Group A, B, E or M shall not be secured from the egress side during periods that the building is open to the general public.

Building Plan Review

Reviewed By: Joe Frogge

Pending

1. The building permit for this project can not be issued until the Codes Administration Department has received the approved Final Development Plan from the Planning and Development Department.

Action required: Comment is for informational purposes.

2. The project cost, which is used to establish the permit fee, has not been provided.

Action required: Comment is for informational purposes. We need a cost breakdown per structure.

3. Lee's Summit Code Of Ordinances 7-137. - Submittal Documents. Construction documents, special inspection and structural observation programs, and other data shall be submitted in two (2) or more sets with each application for a permit. A registered design professional licensed by the State of Missouri shall prepare the construction documents. Where special conditions exist, the Building Official is authorized to require additional construction documents to be prepared by a registered design professional licensed by the State of Missouri.

****Missouri Board for Architects, Professional Engineers, Professional Land Surveyors and Professional Landscape Architects – Board Rules, Division 2030 – Chapter 3, 20 CSR 2030-3.060 Licensees Seal Documents must bear design professionals original seal with signature and date. (relevant portion paraphrased – reference original document for additional information)**

Action required: Provide at least one set with original seal/signature/date. All drawings must be sealed including H series.

4. All plans submitted for review on or after January 1, 2014 shall be designed to the requirements of the 2012 International Building Code, 2012 International Mechanical Code, 2012 International Plumbing Code, 2012 International Fuel Gas Code, 2012 International Fire Code, 2011 National Electric Code and the ANSI A117.1-2009 as amended and adopted by the City of Lee's Summit.

Action required: Update cover sheet to reflect the use of the 2009 ICC/ANSI A117.1 for accessibility design/review.

5. A code analysis shall be provided which includes but is not limited to occupancy type, occupant load, construction type, actual area, height and floors, allowable area, height and floors, and the codes to which the project is designed.

Action required: Include occupant loads in code analysis.

6. Elevator Safety Act and Rules 701.361 - Each privately owned or operated installation and each installation owned or operated by the state of Missouri or any political subdivision of the state shall have a certificate of inspection and meet the safety code promulgated pursuant to sections 701.350 to 701.380.

Action required: Comment is for informational purposes.

7. Prior to the installation or construction of any elevator equipment, an elevator equipment permit shall be obtained from the Missouri Department of Public Safety or its authorized representative.

Action required: Comment is for informational purposes.

8. Prior to the operation of any new elevator equipment or the issuance of the operating certificate, such elevator equipment shall be inspected by a licensed inspector. Testing must be performed in accordance with these rules and regulations. The testing must be witnessed by a licensed inspector. Contact the Lee's Summit Codes Administration.

Action required: Comment is for informational purposes.

9. Copies of the engineered truss package were not provided at the time of permit application.

Action required: Provide roof and floor truss packages or request deferral.

10. Unified Development Ordinance Article 7, Section 7.180.F

Ground mounted equipment – Ground mounted equipment shall be totally screened from view by landscaping or masonry wall up to a height of the units to be screened.

Action required: Make needed corrections to drawings that provide details as to how mechanical equipment will be screened per referenced UDO section.

11. 2012 IBC 1014.3 – Common path of egress travel. The common path of egress travel shall not exceed the common path of egress travel distances in Table 1014.3.

Action required: Common path exceeded when exiting from theater room. Modify design to comply.

12. 2012 IBC 1210.2.2 – Walls and partitions. Walls and partitions with 2 feet of service sinks, urinals and water closets shall have a smooth, hard, nonabsorbent surface, to a height of not less than 4 feet above the floor, and except for structural elements, the materials used in such walls shall be of a type that is not adversely affected by moisture. (See code section for possible exceptions.)

Action required: Specify compliant materials at Staff Toilet 117 and toilet 110.

13. 2012 IBC Exit Signs 1011.1 Where Required. Exits and exit access doors shall be marked by an approved exit sign readily visible from any direction of egress travel. The path of egress travel to exits and within exits shall be marked by readily visible exit signs to clearly indicate the direction of egress travel in cases where the exit of the path of egress travel is not immediately visible to the occupants. Intervening means of egress doors within exits shall be marked by exit signs. Exit sign placement shall be such that no point in an exit access corridor or exit passageway is more than 100 feet or the listed viewing distance for the sign, whichever is less, from the nearest visible exit sign. (see code section for exceptions)

Action required: Provide exit sign and exterior emergency light at door L6 out of vestibule.

14. 2012 IBC 1209.2 – Attic spaces. An opening not less than 20 inches by 30 inches shall be provided to any attic area having a clear height of over 30 inches. Clear headroom of not less than 30 inches shall be provided in the attic space at or above the access opening.

Action required: Provide attic access.

15. Flue design at pool equipment room incomplete.

Action required: Clarify use of flue shown on mechanical drawings. a) is a heater to be installed? if so, a design is required. b) how is flue routed on upper floor?

16. 2012 IPC 502.1 General. Water heaters shall be installed in accordance with the manufacturer's installation instructions. Oil-fired water heaters shall conform to the requirements of this code and the International Mechanical Code. Electric water heaters shall conform to the requirements of this code and provisions of NFPA 70. Gas-fired water heaters shall conform to the requirements of the International Fuel Gas Code.

Action required: Provide expansion tanks at water heaters or provide verification that water heaters installed will not require expansion tanks in the manufacturer's written instructions.

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.