

City of Knoxville
DEPARTMENT OF OPERATIONS

Plans Review & Inspection Division (865)215-2999

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CITY OF KNOXVILLE
Plans Review & Inspections Division
P.O. Box 1631
Knoxville, TN 37901-1631

Fax: (865) 215-2627
Physical Address:
City/County Building
400 Main Street, Suite 505

Plans Review Number: R21-1596
Site Address: 8225 KINGSTON PIKE

Following is a list of the Conditions/Violations noted by the Reviewers:

CON0305762

Date Entered: 10/25/2021 Reviewer: KDB Action: Approved As Noted
■ FIRE - Reviewed for renovation to existing business

CON0305785

Date Entered: 10/25/2021 Reviewer: RLJ Action: Approved As Noted
■ ZONING -- These plans have been reviewed for substantial compliance with the City of Knoxville Zoning Ordinance as an ALTERATION to a COMMERCIAL STRUCTURE in a C-H-2 ZONE. Free access to the City of Knoxville Zoning Ordinance can be found here: https://library.municode.com/tn/knoxville/codes/code_of_ordinances?nodeId=APXBZOCO
■ Reviewer Comments: RENOVATION OF CHUCK E CHEESE. EXTERIOR INCLUDES PAINTING AND REPLACING LIGHTING. INTERIOR INCLUDES PAINTING, REPLACING SEATING, TABLES, GAMES, WALL FINISHES, LIGHTING, RESTROOM FIXTURES. IN MULTITENANT BLDG.

CON0305788

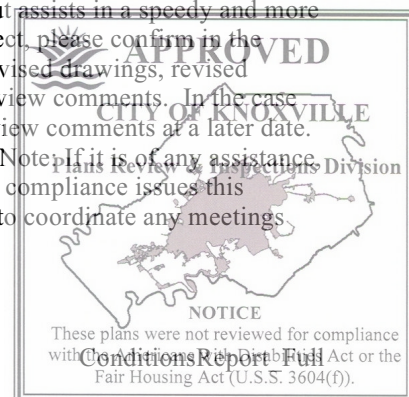
Date Entered: 10/25/2021 Reviewer: RLJ Action: Approved As Noted
■ ZONING -- Article 13 Signs. The regulations of this Article are applicable in zoning districts without sign and other sign structure requirements exclusive to a specific zoning district. Where sign requirements are provided in a specific zoning district, those requirements control. Signs may be erected, mounted, displayed, or maintained in the City in conformance with the provisions of these regulations.
■ Reviewer Comments: Construction documents reference installation of signs. Sign installations are reviewed, permitted and inspected through a separate process, and no approval for sign installation is provided under the scope of this permit.

CON0306087

Date Entered: 10/29/2021 Reviewer: CEJ Action: Approved
■ PLUM - Additional requirements may be made by field inspector. All work shall be installed by a City of Knoxville licensed Plumbing Contractor. All plumbing work shall meet all local and state codes and ordinances and comply with the 2018 ICC Plumbing Code.

CON0306202

Date Entered: 11/1/2021 Reviewer: JMT Action: Approved
■ BUILDING--PLAN REVISIONS/CORRECTIONS. The submitted construction documents require additional information or design corrections to meet code requirements. In response to City plan review comments, please include one or more of the following so as to expedite the re-review process: Elements of changed drawings clouded and/or response letter/narrative confirming or denying the validity of plan review corrections/comments and specifying the sheet or location of relevant information where applicable. Clouded plan changes and/or response letter are NOT required, but assists in a speedy and more accurate re-review. Where code compliance issues will be addressed in future phases of the project, please confirm in the response that noted comments will be resolved in future submittals. Please note: Submittal of revised drawings, revised details, added details, and/or additional documentation can be cause to issue additional or new review comments. In the case of a phased project and/or deferred submittals, those can also cause to issue additional or new review comments at a later date. Your plans have been reviewed by: James Tente, Office: 865.215.3096, jtente@knoxvilletn.gov. Note: If it is of any assistance, we are more than happy to meet with you in person or virtually using ZOOM to discuss any code compliance issues this project may have. If you are interested in meeting, please contact Jennifer Forte @ 865.215.2988 to coordinate any meetings with city staff.



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CON0306203

Date Entered: 11/1/2021 Reviewer: JMT Action: Disapproved

BLDG-Codes Enforced--Existing Buildings. The City of Knoxville enforces the 2018 International Existing Building Code as of January 1, 2019, please reference the correct code on cover sheet or title page. Projects reviewed prior to January 1, 2019 are reviewed and inspected under the 2012.

Date Entered: 1/13/2022 Reviewer: RAS Action: Approved

BLDG-Codes Enforced--Existing Buildings. The City of Knoxville enforces the 2018 International Existing Building Code as of January 1, 2019, please reference the correct code on cover sheet or title page. Projects reviewed prior to January 1, 2019 are reviewed and inspected under the 2012.

CON0306204

Date Entered: 11/1/2021 Reviewer: JMT Action: Disapproved

BLDG-2018 IEBC 301.3 Scope--Compliance Options: Alteration, Addition or Full/Partial Change of Occupancy. The alteration, addition or change of occupancy of all existing buildings shall comply with one of the methods listed in section 301.3.1--Prescriptive Compliance, 301.3.2--Work Area Compliance or 301.3.3--Performance Compliance as selected by the applicant. Sections 301.3.1 through 301.3.3 shall not be applied in combination with each other. Please identify an IEBC compliance option on construction documents.

Date Entered: 1/13/2022 Reviewer: RAS Action: Approved

BLDG-2018 IEBC 301.3 Scope--Compliance Options: Alteration, Addition or Full/Partial Change of Occupancy. The alteration, addition or change of occupancy of all existing buildings shall comply with one of the methods listed in section 301.3.1--Prescriptive Compliance, 301.3.2--Work Area Compliance or 301.3.3--Performance Compliance as selected by the applicant. Sections 301.3.1 through 301.3.3 shall not be applied in combination with each other. Please identify an IEBC compliance option on construction documents.

Reviewer Comments: Prescriptive

CON0306205

Date Entered: 11/1/2021 Reviewer: JMT Action: Disapproved

BLDG-2018 IBC 1004.1 Occupant Load--Calculations. In determining means of egress requirements, the number of occupants for whom means of egress facilities shall be provided shall be determined in accordance with Table 1004.1 based on either NET or GROSS floor area as required by the occupant load factor (a.k.a. DESIGN OCCUPANT LOAD). As defined: FLOOR AREA, NET. The actual occupied area not including unoccupied accessory areas such as corridors, stairways, ramps, toilet rooms, mechanical rooms and closets. NET FLOOR AREA does not exclude circulation routes. Circulation routes not constructed as corridors are already factored into the net area square footage values given in Table 1004.5. Please provide the calculated occupant load based on tabular values.

Date Entered: 1/13/2022 Reviewer: RAS Action: Approved

BLDG-2018 IBC 1004.1 Occupant Load--Calculations. In determining means of egress requirements, the number of occupants for whom means of egress facilities shall be provided shall be determined in accordance with Table 1004.1 based on either NET or GROSS floor area as required by the occupant load factor (a.k.a. DESIGN OCCUPANT LOAD). As defined: FLOOR AREA, NET. The actual occupied area not including unoccupied accessory areas such as corridors, stairways, ramps, toilet rooms, mechanical rooms and closets. NET FLOOR AREA does not exclude circulation routes. Circulation routes not constructed as corridors are already factored into the net area square footage values given in Table 1004.5. Please provide the calculated occupant load based on tabular values.

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CON0306206

Date Entered: 11/1/2021

Reviewer: JMT

Action: Disapproved

BLDG-2018 IBC 1004.9 Occupant Load--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, for the intended configurations. Posted signs shall be of an approved legible permanent design and shall be maintained by the owner or owner's authorized agent. Please note the requirement for the occupant load sign and identify the proposed location on construction documents.

Date Entered: 1/13/2022

Reviewer: RAS

Action: Approved

BLDG-2018 IBC 1004.9 Occupant Load--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, for the intended configurations. Posted signs shall be of an approved legible permanent design and shall be maintained by the owner or owner's authorized agent. Please note the requirement for the occupant load sign and identify the proposed location on construction documents.

CON0306207

Date Entered: 11/1/2021

Reviewer: JMT

Action: Disapproved

BLDG-2018 IBC 1005.3.2 Means of Egress Sizing--Required Capacity Based on Occupant Load: Other Egress Components, Exception (1) AFSS and AVCS. The capacity, in inches, of means of egress components other than stairways shall be calculated by multiplying the occupant load served by such component by a means of egress capacity factor of 0.2 inch per occupant. Except (1) For other than Group H and I-2 occupancies, the capacity, in inches, of means of egress components other than stairways shall be calculated by multiplying the occupant load served by such component by a means of egress capacity factor of 0.15 inch per occupant in buildings equipped throughout with an automatic sprinkler system installed in accordance with Section 903.3.1.1 or 903.3.1.2 and an emergency voice/alarm communication system in accordance with Section 907.5.2.2.

Reviewer Comments: Please confirm an emergency voice/alarm communication system is installed so as to be able to reduce the occupant load factor from 0.2 inches to 0.15 inches per occupant.

Date Entered: 1/13/2022

Reviewer: RAS

Action: Approved

BLDG-2018 IBC 1005.3.2 Means of Egress Sizing--Required Capacity Based on Occupant Load: Other Egress Components, Exception (1) AFSS and AVCS. The capacity, in inches, of means of egress components other than stairways shall be calculated by multiplying the occupant load served by such component by a means of egress capacity factor of 0.2 inch per occupant. Except (1) For other than Group H and I-2 occupancies, the capacity, in inches, of means of egress components other than stairways shall be calculated by multiplying the occupant load served by such component by a means of egress capacity factor of 0.15 inch per occupant in buildings equipped throughout with an automatic sprinkler system installed in accordance with Section 903.3.1.1 or 903.3.1.2 and an emergency voice/alarm communication system in accordance with Section 907.5.2.2.

CON0306208

Date Entered: 11/1/2021

Reviewer: JMT

Action: Disapproved

BLDG-2018 IBC 1010.1.1 Doors—Size of Doors: Minimum Width Measurement. The clear opening width of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90 degrees.

Reviewer Comments: A 3-0 door does not result in a 36" clear opening for the purpose of egress calculations.

Date Entered: 1/13/2022

Reviewer: RAS

Action: Approved

BLDG-2018 IBC 1010.1.1 Doors—Size of Doors: Minimum Width Measurement. The clear opening width of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90 degrees.

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CON0306209

Date Entered: 11/1/2021

Reviewer: JMT

Action: Disapproved

■ BLDG-2018 IBC 107.2.1 Construction Documents--Detail and Clarity. Construction documents shall be of sufficient clarity to indicate the location, nature and extent of the work proposed. New and existing building elements, construction and facilities shall be clearly identified. Insufficient information provided to complete a thorough IBC Review.

■ Reviewer Comments: Please clarify if the building is protected throughout with an automatic sprinkler system.

Date Entered: 1/13/2022

Reviewer: RAS

Action: Approved

■ BLDG-2018 IBC 107.2.1 Construction Documents--Detail and Clarity. Construction documents shall be of sufficient clarity to indicate the location, nature and extent of the work proposed. New and existing building elements, construction and facilities shall be clearly identified. Insufficient information provided to complete a thorough IBC Review.

CON0306210

Date Entered: 11/1/2021

Reviewer: JMT

Action: Disapproved

■ BLDG-2018 IBC 907.2.1 Fire Alarm--Group (A) Assembly. A manual fire alarm system that activates the occupant notification system in accordance with Section 907.5 shall be installed in Group A occupancies where the occupant load due to the assembly occupancy is 300 or more, or where the Group A occupant load is more than 100 persons above or below the lowest level of exit discharge.

■ Reviewer Comments: Please clarify if the occupancy has a fire alarm system.

Date Entered: 1/13/2022

Reviewer: RAS

Action: Approved

■ BLDG-2018 IBC 907.2.1 Fire Alarm--Group (A) Assembly. A manual fire alarm system that activates the occupant notification system in accordance with Section 907.5 shall be installed in Group A occupancies where the occupant load due to the assembly occupancy is 300 or more, or where the Group A occupant load is more than 100 persons above or below the lowest level of exit discharge.

CON0306211

Date Entered: 11/1/2021

Reviewer: JMT

Action: Disapproved

■ BLDG-2018 IBC 107.2.1 Construction Documents--Construction Types. Buildings and structures erected or to be erected, altered or extended in height of area shall be classified in one of the five construction types defined in Sections 602.2 through 602.5. Please identify the construction type(s) of the building(s) on the site.

Date Entered: 1/13/2022

Reviewer: RAS

Action: Approved

■ BLDG-2018 IBC 107.2.1 Construction Documents--Construction Types. Buildings and structures erected or to be erected, altered or extended in height of area shall be classified in one of the five construction types defined in Sections 602.2 through 602.5. Please identify the construction type(s) of the building(s) on the site.

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CON0306219

Date Entered: 11/1/2021

Reviewer: TAM

Action: Approved

■ ELECTRICAL--These plans have been APPROVED after review for substantial code compliance. The intent of the plans review process is to direct the applicant to the applicable code requirements pertaining to his/her project to ensure that upon completion the project will conform to the ELECTRICAL provisions of the 2018 International Building Code, 2018 International Energy Conservation Code, 2018 International Existing Building Code and NFPA 70-2017 National Electrical Code (where applicable to this project). The City does not guarantee or assume any responsibility for the application of the information provided by the plans review process, but has taken all reasonable steps to ensure that the information contained within this review is accurate. It is the responsibility of the persons performing the work to ensure that all the provisions of the aforementioned codes that pertain to the project are met and will be verified through the City's inspection process. The exclusion or omission of design information in the construction documents does not exempt the persons performing the work from any code requirements (IBC 105.4-The issuance or granting of a permit shall not be construed to be a permit for, or an approval of, any violation of any of the provisions of this code or of any other ordinance of the jurisdiction). No action is required by the applicant on this comment as it is for informational purposes only.

■ Reviewer Comments: UPGRADES TO INTERIOR AND EXTERIOR LIGHTING. EXISTING SERVICE. UPGRADE TO RECEPTACLES.

PR-12.G014

Date Entered: 10/29/2021

Reviewer: CEJ

Action: Not Reviewed/No Permit Approved

■ GAS - No gas work shown on plans. NO WORK APPROVED.

PR-12.M013

Date Entered: 10/29/2021

Reviewer: CEJ

Action: Not Reviewed/No Permit Approved

■ MECH - No mechanical work shown on plans. NO WORK APPROVED.

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PR-18F0004

Date Entered: 10/25/2021

Reviewer: KDB

Action: Approved As Noted

FIRE- Emergency Lighting

1008.3 Emergency power for illumination. The power supply for means of egress illumination shall normally be provided by the premises' electrical supply.

[BE] 1008.3.1 General. In the event of power supply failure in rooms and spaces that require two or more means of egress an emergency electrical system shall automatically illuminate all of the following areas:

1. Aisles.
2. Corridors.
3. Exit access stairways and ramps.

[BE] 1008.3.2 Buildings. In the event of power supply failure, in buildings that require two or more means of egress, an emergency electrical system shall automatically illuminate all of the following areas:

1. Interior exit access stairways and ramps
2. Interior and exterior exit stairways and ramps.
3. Exit passageways.
4. Vestibules and areas on the level of discharge used for exit discharge in accordance with Section 1028.1.

5. Exterior landings as required by Section 1010.1.6 for exit doorways that lead directly to the exit discharge.

[BE] 1008.3.3 Rooms and spaces. In the event of power supply failure, an emergency electrical system shall automatically illuminate all of the following areas:

1. Electrical equipment rooms.
2. Fire command centers.
3. Fire pump rooms.
4. Generator rooms.
5. Public restrooms with an area greater than 300 square feet (27.87 m2).

[BE] 1008.3.4 Duration. The emergency power system shall provide power for a duration of not less than 90 minutes and shall consist of storage batteries, unit equipment or an on-site generator. The installation of the emergency power system shall be in accordance with Section 2702 of the International Building Code.

[BE] 1008.3.5 Illumination level under emergency power. Emergency lighting facilities shall be arranged to provide initial illumination that is not less than an average of 1 footcandle (11 lux) and a minimum at any point of 0.1 footcandle (1 lux) measured along the path of egress at floor level. Illumination levels shall be permitted to decline to 0.6 footcandle (6 lux) average and a minimum at any point of 0.06 footcandle (0.6 lux) at the end of the emergency lighting time duration. A maximum-to-minimum illumination uniformity ratio of 40 to 1 shall not be exceeded. In Group I-2 occupancies, failure of a single lamp in a luminaire shall not reduce the illumination level to less than 0.2 foot-candle (2.2 lux).

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PR-18F0006

Date Entered: 10/25/2021

Reviewer: KDB

Action:

FIRE- Lock Boxes

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 listed in accordance with UL 1037, and shall contain keys to gain necessary access as required by the fire code official.

506.1.1 Locks. An approved lock shall be installed on gates or similar barriers where required by the fire code official.

506.1.2 Key boxes for nonstandardized fire service elevator keys. Key boxes provided for nonstandardized fire service elevator keys shall comply with Section 506.1 and all of the following:

1. The key box shall be compatible with an existing rapid entry key box system in use in the jurisdiction and approved by the fire code official.
2. The front cover shall be permanently labeled with the words "Fire Department Use Only-Elevator Keys."
3. The key box shall be mounted at each elevator bank at the lobby nearest to the lowest level of fire department access.
4. The key box shall be mounted 5 feet 6 inches (1676 mm) above the finished floor to the right side of the elevator bank.
5. Contents of the key box are limited to fire service elevator keys. Additional elevator access tools, keys and information pertinent to emergency planning or elevator access shall be permitted where authorized by the fire code official.
6. In buildings with two or more elevator banks, a single key box shall be permitted to be used where such elevator banks are separated by not more than 30 feet (9144 mm). Additional key boxes shall be provided for each individual elevator or elevator bank separated by more than 30 feet (9144 mm).
Exception: A single key box shall be permitted to be located adjacent to a fire command center or the nonstandard fire service elevator key shall be permitted to be secured in a key box used for other purposes and located in accordance with Section 506.1.

506.2 Key box maintenance. The operator of the building shall immediately notify the fire code official and provide the new key where a lock is changed or rekeyed. The key to such lock shall be secured in the key box.

Date Entered: 10/25/2021

Reviewer: KDB

Action: Approved As Noted

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FIRE- Lock Boxes

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PR-18F0026

Date Entered: 10/25/2021

Reviewer: KDB

Action: Approved As Noted

FIRE- Review and approval by the Fire Marshal's Office shall not relieve the architect, engineer, contractor or owner of the responsibility of compliance with the adopted Fire Code.

PR-18F0027

Date Entered: 10/25/2021

Reviewer: KDB

Action: Approved As Noted

FIRE- Additional requirements may be made by fire inspector on site.