

DEVELOPMENT SERVICES

PLAN REVIEW CONDITIONS

May 09, 2025

Wallace Architects LLC
302 Campusview Drive, Suite 208
Columbia, MO 65201

Permit No: PRCOM20251576
Project Title: ALURA APARTMENTS - BUILDING 1
Project Address: 2200 NE DOUGLAS ST, LEES SUMMIT, MO 64064
Parcel Number: 52400011600000000
Location / Legal Description:
Type of Work: NEW MULTI-FAMILY
Occupancy Group: RESIDENTIAL, MULTI-FAMILY
Description: ALURA APARTMENTS - BUILDING 1 - NEW APARTMENT BUILDING

Revisions Required

One or more departments have not approved the permit and 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 address the comments as requested and upload the revised documents and /or additional information to the application through the online portal. Please contact the appropriate department regarding clarification of comments.

Development Services Department (816) 969-1200

Fire Department (816) 969-1300

Licensed Contractors

Reviewed By: Joe Frogge

Approved

Building Plan Review

Reviewed By: Joe Frogge

Rejected

1. This review covers all permitted structures on site. Individual permits for each structure will be created after plans are approved.

Action required: Comment is informational.

2. 2018 IBC 1704.2 Special inspections. Where application is made for construction as described in this section, the owner or the registered design professional in responsible charge acting as the owner's agent shall employ one or more approved agencies to perform inspections during construction on the types of work listed under Section 1705. These inspections are in addition to the inspections identified in Lee's Summit Code of Ordinances Chapter 7. (see code section for exceptions)

Action required: Provide statement of special inspections / letter of responsibility from company contracted to perform special inspections.

Note: Receipt of final, approved inspection report must be received prior to occupancy.

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3. The building permit for this project cannot be issued until the Development Services Department has received, approved, and processed the Final Development Plan.

Action required: Comment is informational.

4. FAA approval required.

Action required: Provide verification of FAA 7460 approval.

5. For the Health Department review of public pools contact Casey Elledge with the Jackson County Public Works Department, Environmental Services Division, at (816) 223-9769. Health Department approval is required prior to receiving any type of building permit from the City of Lee's Summit.

Action required: Comment is informational.

6. For the Health Department inspection of public pools contact Casey Elledge with the Jackson County Public Works Department, Environmental Health Division at (816) 223-9769. Health Department approval is required prior to receiving any type of Occupancy from the City of Lee's Summit.

Action required: Comment is informational.

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 informational.

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.

Action required: Comment is informational.

9. 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 informational.

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

Action required: Provide cost estimates for each apartment, garage, pool, and pool house.

11. "2018 IBC 1803.1 General. Geotechnical investigations shall be conducted in accordance with Section 1803.2 and reported in accordance with Section 1803.6. Where required by the building official or where geotechnical investigations involve in-situ testing, laboratory testing or engineering calculations, such investigations shall be conducted by a registered design professional.

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Action required: Provide soils report to justify design assumption of soil bearing capacity greater than 2,000psf. (2,500psf noted on S100 & GS100)

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

Action required: Comment is informational. Truss packages deferred.

13. Water meter scenario not compliant as shown.

Action required: Provide detail of how buildings are metered. Coordinate with Water Department to avoid submitting twice. If a concrete pit is used it must be fully engineered and included in submittal. Amend riser diagrams and floor plans. (This information was asked for but not yet provided during FDP review)

14. Unified Development Ordinance Article 8, Section 8.180.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 from all 4 sides per referenced UDO section.

15. 2018 IBC 1008.3 Emergency power for illumination. The power supply for means of egress illumination shall normally be provided by the premises' electrical supply.

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.

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.
- 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.

Action required: Provide emergency lighting at exterior landings serving egress doors.

16. 2017 NEC Article 250.66 Size of Alternating-Current Grounding Electrode Conductor. The size of the grounding electrode conductor at the service, at each building or structure where supplied by a feeder(s) or branch circuit(s), or at a separately derived system of a grounded or ungrounded ac system shall not be less than given in Table 250.66, except as permitted in 250.66(A) through (C).

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Action required: Specify size of all grounding electrode conductors. (at all apartments, garage 9, and pool house)

17. 2018 IPC 1101.3 Prohibited drainage. (as amended by LSCO 7-413) Sanitary sewer systems shall be designed, built and maintained in such a manner to prevent all storm or ground water from draining, discharging or entering into the sanitary sewer system. Connection of sump pumps, foundation drains, yard drains, gutter downspouts and any other storm water drainage receptacle(s) or system(s) are specifically prohibited from being connected to the sanitary sewer system.

Action required: Elevator sump not allowed to discharged to sewer. Re-route to daylight or storm sewer system. (connection to storm sewer system will need to be approved by our engineering staff)

18. 2018 IBC 1209.2 Finish Materials. Walls, Floors and partitions in toilet and bathrooms shall comply with Sections 209.2.1 through 1209.2.4.

2018 1209.2.1 Floors and wall bases. In other than dwelling units, toilet, bathing and shower room floor finish materials shall have a smooth, hard, nonabsorbent surface. The intersections of such floors with walls shall have a smooth, hard, nonabsorbent vertical base that extends upward onto the walls not less than 4 inches.

2018 1209.2.2 Walls and partitions. Walls and partitions within 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.)

1209.2.3 Showers. (see code for details)

1209.2.4 Waterproof joints. (see code for details)

Action required: Specify compliant wall finish material at mop sink. If paint is used it must be epoxy based.

19. 2017 NEC Article 210.52 (A) General Provisions. In every kitchen, family room, dining room, living room, parlor, library, den, sunroom, bedroom, recreation room, or similar room or area of dwelling units, receptacle outlets shall be installed in accordance with the general provisions specified in 210.52(A)(1) through (A)(4).

(1) Spacing. Receptacles shall be installed such that no point measured horizontally along the floor line of any wall space is more than 6 feet from a receptacle outlet.

(2) Wall Space. As used by this section, a wall space shall include the following:

1. Any space 2 feet or more in width (including space measured around corners) and unbroken along the floor line by doorways and similar openings, fireplaces, and fixed cabinets that do not have countertops or similar work surfaces.

2. The space occupied by fixed panels in walls, excluding sliding panels.

3. The space afforded by fixed room dividers, such as freestanding bar-type counters or railings.

(3) Floor Receptacles. Receptacle outlets in or on floors shall not be counted as part of the required number of receptacle outlets unless located within 18 inches of the wall.

(4) Countertop and Similar Work Surface Receptacle Outlets. Receptacles installed for countertop and similar work surfaces as specified in 210.52(C) shall not be considered as the receptacle outlets required by 210.52(A).

(D) Bathrooms. At least one receptacle outlet shall be installed in bathrooms within 3 ft of the outside edge of each basin. (see code for location regulations)

Action required: Amend unit plans to comply. Multiple locations where there is a wall section 24" or more that need a receptacle.

20. 2017 NEC Article 230.2 (E) Identification. Where a building or structure is supplied by more than one service, or any combination of branch circuits, feeders, and services, a permanent plaque or directory shall be installed at each service disconnect location denoting all other services, feeders, and branch circuits supplying that building or structure and the area

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served by each. See 225.37.

Action required: Specify signage to comply.

21. Exit and emergency lighting is missing on EL101 of Buildings 1, 4, 5, 8 & 11.

Action required: Provide exit and emergency lighting at 1st floor of buildings 1, 4, 5, 8 & 11.

22. 2018 IBC 718.4 Draftstopping in attics. Draftstopping shall be installed to subdivide attic spaces where required by Section 708.4.2. In other than Group R, draftstopping shall be installed to subdivide combustible attic spaces and combustible concealed roof spaces such that any horizontal area does not exceed 3,000 square feet (279 m²). Ventilation of concealed roof spaces shall be maintained in accordance with Section 1202.2.1. Exception: Buildings equipped throughout with an automatic sprinkler system in accordance with Section 903.3.1.1.

Action required: Provide draftstopping in attic of Garage 9, Type D. (and adjust attic access accordingly)

23. For the Health Department review contact Deb Sees with the Jackson County Public Works Department, Environmental Services Division, at (816) 797-7162. Health Department approval is required prior to receiving any type of building permit from the City of Lee's Summit.

Action required: Comment is informational and concerns function of counter top area in Pool House.

24. For the Health Department inspection contact Deb Sees with the Jackson County Public Works Department, Environmental Health Division at (816) 797-7162. Health Department approval is required prior to receiving any type of Occupancy from the City of Lee's Summit.

Action required: Comment is informational and concerns function of counter top area in Pool House.

25. 2018 IPC 403.1 Minimum number of fixtures. Plumbing fixtures shall be provided in the minimum number shown in Table 403.1, based on the actual use of the building or space. Uses not shown in Table 403.1 shall be considered individually by the code official. The number of occupants shall be determined by the International Building Code.

Action required: Provide mop sink and drinking fountain (or approved alternate) in Pool House.

26. 2018 IBC 1209.2 Finish Materials. Walls, Floors and partitions in toilet and bathrooms shall comply with Sections 209.2.1 through 1209.2.4.

2018 1209.2.1 Floors and wall bases. In other than dwelling units, toilet, bathing and shower room floor finish materials shall have a smooth, hard, nonabsorbent surface. The intersections of such floors with walls shall have a smooth, hard, nonabsorbent vertical base that extends upward onto the walls not less than 4 inches.

2018 1209.2.2 Walls and partitions. Walls and partitions within 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 wall finish materials in restrooms and at mop sink. If paint is used it must be epoxy based.

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27. 2017 NEC Article 210.63 Heating, Air-Conditioning, and Refrigeration Equipment Outlet. A 125-volt, single-phase, 15- or 20-ampere-rated receptacle outlet shall be installed at an accessible location for the servicing of heating, air-conditioning, and refrigeration equipment. The receptacle shall be located on the same level and within 25 feet of the heating, air-conditioning, and refrigeration equipment. The receptacle outlet shall not be connected to the load side of the equipment disconnecting means.

Action required: Provide receptacle near condensing unit serving Pool House.

Fire Plan Review

Reviewed By: Craig Hill

Rejected

3. 2018 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.

Action Required: Knox box needed at or near the FDC of all buildings.

4. 2018 IFC 1008.1 Illumination required. The means of egress, shall be illuminated at all times the building space served by the means of egress is occupied.

Action Required: Exit and emergency lights needed on the first floor of "4938 Issue Dwgs Bldg 1 25Apr15", "4938 Issue Dwgs Bldg 4 25Apr15", 4938 Issue Dwgs Bldg 6 25Apr15, 4938 Issue Dwgs Bldg 8 25Apr15, and 4938 Issue Dwgs Bldg 11 25Apr15. In addition, add emergency lighting in the restrooms of the pool house.

5. 2018 IFC 506.1.2 Key boxes for non-standardized fire service elevator keys. Key boxes provided for non-standardized fire service elevator keys shall comply with Section 506.1 and 506.2 or as approved by the fire code official.

Action Required: Elevator Knox Box is required in all buildings near the elevator that will include keys to operate the elevator and an emergency elevator door key.

The review conducted by the City of Lee's Summit Development Services Department shall not be construed as a structural review of the project.