



PLAN REVIEW CONDITIONS

December 05, 2019

DESIGN CLUB INC
30519 S LONETREE ROAD
HARRISONVILLE, MO 64701

Permit No: PRCOM20193472
Project Title: BRILLIENT CORPORATION
Project Address: 1225 NE DOUGLAS ST, LEES SUMMIT, MO 64086
Parcel Number: 52910150400000000
Location: MAPLE TREE PLAZA 2ND PLAT---LOT 3 (EX PT IN ROW)
Type of Work: NEW TENANT FINISH
Occupancy Group: BUSINESS
Description: TENANT FINISH FOR FINANCE BUSINESS OFFICE

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.

Development Services Department (816) 969-1200

Fire Department (816) 969-1300

Building Plan Review

Reviewed By: Joe Frogge

Rejected

1. 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.

2. 2018 IMC 601.5 Return air openings. Return air openings for heating, ventilation and air-conditioning systems shall comply with all of the following:

1. Openings shall not be located less than 10 feet measured in any direction from an open combustion chamber or draft hood of another appliance located in the same room or space.
2. Return air shall not be taken from a hazardous or insanitary location or a refrigeration room as defined in this code.
3. The amount of return air taken from any room or space shall be not greater than the flow rate of supply air delivered to such room or space.
4. Return and transfer openings shall be sized in accordance with the appliance or equipment manufacturer's installation instructions, ACCA Manual D or the design of the registered design professional.
5. Return air taken from one dwelling unit shall not be discharged into another dwelling unit.

6. Taking return air from a crawl space shall not be accomplished through a direct connection to the return side of a forced air furnace. Transfer openings in the crawl space enclosure shall not be prohibited.
7. Return air shall not be taken from a closet, bathroom, toilet room, kitchen, garage, boiler room, furnace room or unconditioned attic.
8. Return air shall not be taken from indoor swimming pool enclosures and associated deck areas.
(see code for exceptions to item #8)

Action required: Provide return air (or equivalent) out of Lobby and Office.

3. New condensing unit located on roof poses multiple issues.

Address the following:

- IBC 1606.2 Design Dead Load - Provide verification that either the weight of new roof top equipment is less than or equal to original equipment or provide engineer's report to verify that existing roof structure will support additional load.
- NEC 210.63 - Provide receptacle within 25'.
- IBC 1015.6 - Provide guards at roof edge.
- IBC 1015.7 - Provide permanent means of access to roof.
- UDO 8.180.E - Rooftop HVAC must be screened at all four sides.
- Routing of refrigerant piping through upper suite may be difficult.

5. This structure has been assigned one address. All suites/apartments shall be assigned an address by the owner which can be numeric, alphabetic or a combination of both. If the building has multiple stories the suite/apartment number shall start with a number representing the floor on which the unit is located.

Action required: Address for this suite has been assigned 1237 NE Douglas St, Unit:105. Please update your records. The other suites have been assigned ..Unit:101 on lower level and ...Unit:201 on upper level. All suites are to be readable from front and rear of building.

6. 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: Where exit signage leads to a door, emergency lighting is required at exterior landing.

Fire Plan Review**Reviewed By: Michael Weissenbach****Approved with Conditions**

1. 2018 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).

(Verified At Inspection)

The new addition will need to be addressed:

Lower level 1237 NE Douglas Unit 101 (Vacant) front and back doors

Lower Level 1237 NE Douglas Unit 105 (Brilliant) front and back doors

Upper Level 1237 NE Douglas Unit 201 on back door

Signage on front of building: Entrance to Unit 201 in rear of building

2. 2018 IFC 906.5- Conspicuous location. Portable fire extinguishers shall be located in conspicuous locations where they will be readily accessible and immediately available for use. These locations shall be along normal paths of travel, unless the fire code official determines that the hazard posed indicates the need for placement away from normal paths of travel.

(Verified At Inspection)

Provide one 2A10BC Fire Extinguisher

3. 2018 IFC 1010.1.9 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.

(Verified At Inspection)

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.

(Verified At Inspection)

Provide exterior emergency lighting at exits.

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 Development Services Department shall not be construed as a structural review of the project.