



August 2, 2024

Lees Summit Building Department
220 SE Green Street
Lee's Summit, MO 64063

REF: Plan # PRCOM20242441 Tenant finish at 1220 NW Main St Unit E, Lee's Summit, MO 64086

Dear Mr. Joe Frogge,

The new demising wall occurring in the H&R Block tenant space does not need to be rated per the 2018 International Building code table 508.4 stating no separation requirement between B, F-1 & S-1 occupancies and Table 601 Fire-Resistance rating requirements for building elements (Hours) for Type IIB Buildings stating 0 hour requirements for nonbearing walls and partitions interior. We also list occupancy separations and fire-Resistance rating for buildings on Sheet A0.01 of the signed tenant permit set. Please find snippets from the code below.

TABLE 508.4 REQUIRED SEPARATION OF OCCUPANCIES (HOURS)^f

OCCUPANCY	A, E		I-1 ^a , I-3, I-4		I-2		R ^a		F-2, S-2 ^b , U		B ^c , F-1, M, S-1		H-1		H-2		H-3, H-4		H-5	
	S	NS	S	NS	S	NS	S	NS	S	NS	S	NS	S	NS	S	NS	S	NS	S	NS
A, E	N	N	1	2	2	NP	1	2	N	1	1	2	NP	NP	3	4	2	3	2	NP
I-1 ^a , I-3, I-4	—	—	N	N	2	NP	1	NP	1	2	1	2	NP	NP	3	NP	2	NP	2	NP
I-2	—	—	—	—	N	N	2	NP	2	NP	2	NP	NP	NP	3	NP	2	NP	2	NP
R ^a	—	—	—	—	—	—	N	N	1 ^c	2 ^c	1	2	NP	NP	3	NP	2	NP	2	NP
F-2, S-2 ^b , U	—	—	—	—	—	—	—	—	N	N	1	2	NP	NP	3	4	2	3	2	NP
B ^c , F-1, M, S-1	—	—	—	—	—	—	—	—	—	—	N	N	NP	NP	2	3	1	2	1	NP
H-1	—	—	—	—	—	—	—	—	—	—	—	—	N	NP	NP	NP	NP	NP	NP	NP
H-2	—	—	—	—	—	—	—	—	—	—	—	—	—	N	NP	1	NP	1	NP	NP
H-3, H-4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1 ^d	NP	1	NP	NP
H-5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	N	NP	NP

S = Buildings equipped throughout with an automatic sprinkler system installed in accordance with Section 903.3.1.1.

NS = Buildings not equipped throughout with an automatic sprinkler system installed in accordance with Section 903.3.1.1.

N = No separation requirement; NP = Not Permitted.

a. See Section 420.

b. The required separation from areas used only for private or pleasure vehicles shall be reduced by 1 hour but not to less than 1 hour.

c. See Section 406.3.2.

d. Separation is not required between occupancies of the same classification.

e. See Section 422.2 for ambulatory care facilities.

f. Occupancy separations that serve to define fire area limits established in Chapter 9 for requiring fire protection systems shall also comply with Section 707.3.10 and Table 707.3.10 in accordance with Section 901.7.

TABLE 601 FIRE-RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS (HOURS)

BUILDING ELEMENT	TYPE I		TYPE II		TYPE III		TYPE IV		TYPE V	
	A	B	A	B	A	B	HT		A	B
Primary structural frame ^e (see Section 202)	3 ^{a, b}	2 ^{a, b}	1 ^b	0	1 ^b	0	HT		1 ^b	0
Bearing walls										
Exterior ^{e, f}	3	2	1	0	2	2	2		1	0
Interior	3 ^a	2 ^a	1	0	1	0	1/HT		1	0
Nonbearing walls and partitions Exterior	See Table 602									
Nonbearing walls and partitions Interior ^d	0	0	0	0	0	0	See Section 2304.11.2		0	0
Floor construction and associated secondary members (see Section 202)	2	2	1	0	1	0	HT		1	0
Roof construction and associated secondary members (see Section 202)	1 ^{1/2, b}	1 ^{b, c}	1 ^{b, c}	0 ^c	1 ^{b, c}	0	HT		1 ^{b, c}	0

For SI: 1 foot = 304.8 mm.

- Roof supports: Fire-resistance ratings of primary structural frame and bearing walls are permitted to be reduced by 1 hour where supporting a roof only.
- Except in Group F-1, H, M and S-1 occupancies, fire protection of structural members in roof construction shall not be required, including protection of primary structural frame members, roof framing and decking where every part of the roof construction is 20 feet or more above any floor immediately below. Fire-retardant-treated wood members shall be allowed to be used for such unprotected members.
- In all occupancies, heavy timber complying with Section 2304.11 shall be allowed where a 1-hour or less fire-resistance rating is required.
- Not less than the fire-resistance rating required by other sections of this code.
- Not less than the fire-resistance rating based on fire separation distance (see Table 602).
- Not less than the fire-resistance rating as referenced in Section 704.10.

Please do not hesitate to contact us if there are any questions or further clarification is needed.

Sincerely,



Farrah Crubaugh
Senior Designer
816-895-8432