



LEE'S SUMMIT MISSOURI

CODE MODIFICATION REQUEST (INSPECTIONS)

Revised 10/11/2017

BUILDING/STRUCTURE NAME: Lee's Summit Fire Stations No. 4 & No. 5

PREMISE ADDRESS: FS #4: 5031 Northeast Lakewood Way, Lee's Summit, Missouri 64064
FS #5: 801 Missouri Highway 150, Lee's Summit, Missouri 64082

PERMIT NUMBER (if applicable): PCOM20225294

OWNER'S NAME: City of Lee's Summit

TO: Director of Development Services

In accordance with the Lee's Summit Building Code, I wish to apply for a modification to one or more provisions of the code as I feel that the spirit and intent of the Lee's Summit Building Code are observed the public health, welfare and safety are assured. The following articulates my request for your review and action. (NOTE: ATTACH ANY ADDITIONAL INFORMATION NECESSARY)

Please see attached memo

SUBMITTED BY:

NAME: Matthew Fadel
ADDRESS: 11250 Roger Bacon Drive
CITY, STATE, ZIP: Reston, VA 20190

() OWNER (X) OWNER'S AGENT
Tel.# 703-956-5600
SIGNATURE: [Signature]

TRACY DEISTER - CODES ADMINISTRATION MANAGER (X) APPROVAL () DENIAL

SIGNATURE: Tracy Deister Digitally signed by Tracy Deister
DN: cn=Tracy Deister, ou=Development, ou=LS users, DC=LS, C=US
Date: 2022.08.11 14:38:53-0500 DATE: 8/11/2022

RYAN ELAM - DIRECTOR OF DEVELOPMENT SERVICES: (X) APPROVED () DENIED

SIGNATURE: [Signature] Digitally signed by Ryan Elam
Date: 2022.08.16 15:29:26-0500 DATE: _____

COMMENTS _____

A COPY MUST BE ATTACHED TO THE APPROVED PLANS ON THE JOB SITE

January 25, 2022

Joe Frogge & Mike Weisenborn
City of Lee's Summit, Missouri
Development Services
220 SE Green Street
Lee's Summit, Missouri 64063

RE: City of Lee's Summit Fire Station #4 and #5
Modification Request to IBC 2018 Section 508.4.4 and Section 1020.1

Dear Mr. Frogge and Mr. Weisenborn:

The Fire Department is constructing two new Fire Stations (No. 4 and No. 5) which will house operational personnel. The two stations will use the same floor plans but on two different sites. LeMay Erickson Willcox Architects (LEWA) and GLMV Architects request a code modification for the following:

- The occupancy classification of the building is designed as "Mixed-Use, non-separated". The design designates the first floor spaces (plan-south of the apparatus bays) as "Business Group B" while the second floor spaces are designated as "Residential Group R-2". In accordance with IBC section 508.4.4, Table 508.4, the code requires that there be a 1-hour fire-rated separation between those occupancies. Also, in accordance with IBC Table 1020.1, because the total occupant load in the R-2 occupancy is greater than 10 (12 total occupants), the required fire-resistance rating for the corridor is ½-hour rating to the exit. The occupants of the R-2 spaces are professional, able-bodied firefighters who will have a detailed familiarity of the building where they will spend most of their time. They are also equipped with the knowledge and experience to handle fire-related issues within their own building. We request that the City of Lee's Summit eliminate the requirement for the "B" and "R-2" occupancies to have 1-hour fire rated separation between occupancies and to eliminate the continuous ½-hour fire rating for egress to an exit. This would allow for the main stair to be open and communicate between the first and second floors and would also allow the two response fire poles to serve as the secondary means of egress from the second floor to the building exits.

Sincerely,



Matthew Fadel, AIA, LEED AP
Project Manager