

RFI #170: LSFS #4 & 5 UL Assembly at the Elevator Door

Status	Open		
To	Edgar Flores (GLMV Architecture) Chad Bard (GLMV Architecture)	From	Nate Henson (McCownGordon Construction, LLC) 850 Main Street Kansas City, Missouri 64105
Date Initiated	Dec 4, 2023	Due Date	Dec 7, 2023
Location	Fire Station 4 & 5	Project Stage	
Cost Impact	TBD	Schedule Impact	No
Spec Section		Cost Code	
Drawing Number	A-411	Reference	
Linked Drawings			
Received From	Nate Henson (McCownGordon Construction, LLC)	Sub Job	
Copies To	Andrew Calderwood (McCownGordon Construction, LLC), Nate Henson (McCownGordon Construction, LLC), Chloe Huxol (McCownGordon Construction, LLC), Mike Morgan (McCownGordon Construction, LLC)		

Activity

Question

Question from Nate Henson McCownGordon Construction, LLC on Monday, Dec 4, 2023 at 12:57 PM CST

We would like to switch the masonry infill at the elevator door jamb on the 1st and 2nd floor to a shaftliner assembly (UL Attached).
The elevator indicator light, call button and fire dept. call buttons will be on opposite sides of the elevator door on each floor as discussed.

Attachments

[SN-SW-1-03.pdf](#)

Awaiting an Official Response

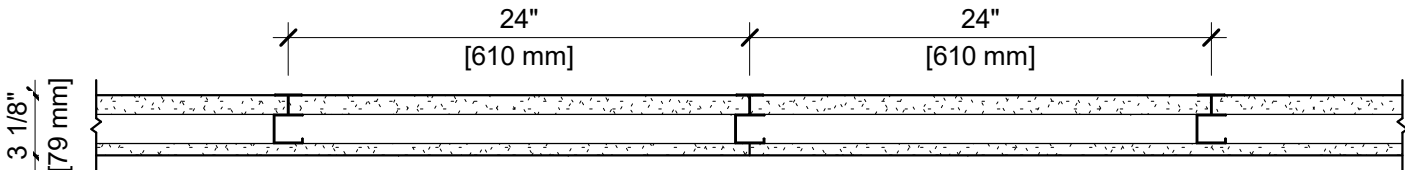
1. The switch from masonry infill to a shaftliner assembly is **ACCEPTABLE**, if wall ratings remain the same.

2. The elevator indicator light, call button and fire dept. call buttons being on opposite sides of the elevator door on each floor is **ACCEPTABLE**, if mounting heights remain the same.

-EAF, GLMV, 12/07/23

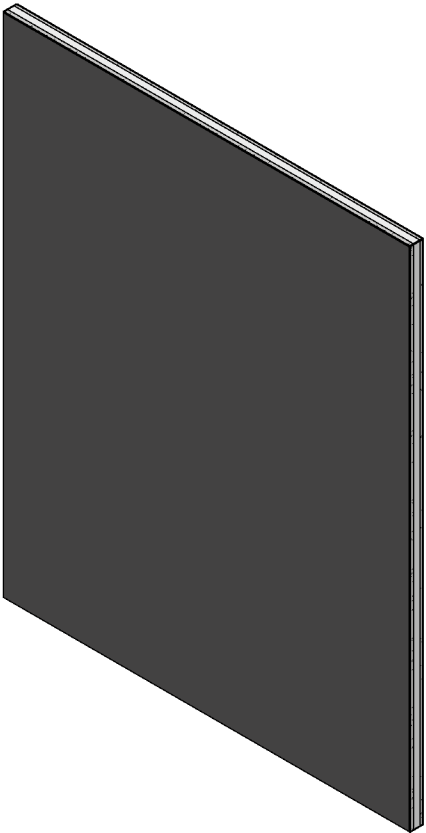
DESIGN NO. UL U415 UL System A

FIRE RATING: 1 HOUR
STC RATING: 34
SOUND TEST: USG-170417
SYSTEM THICKNESS: 3-1/8" [79 MM]
LOCATION: CORE-SHAFT
FRAMING TYPE: STEEL STUD (NONLOAD-BEARING)



ASSEMBLY REQUIREMENTS:

GYPSUM PANELS: ONE LAYER 1" [25.4 MM] SHEETROCK® GYPSUM LINER PANELS (UL TYPE SLX)
STEEL STUDS: 2-1/2" [64 MM] CH STUDS, 20 GA. (0.033"), 24" [610 MM] O.C.
GYPSUM PANELS: ONE LAYER 5/8" [15.9 MM] SHEETROCK® GYPSUM PANEL (UL TYPE SCX)



GENERAL WALL NOTES:

1. REFER TO APPLICABLE CODES REQUIREMENTS TO ENSURE COMPLIANCE PRIOR TO CONSTRUCTION.
2. FOR THE MOST UP-TO-DATE DETAILS, INCLUDING CONSTRUCTION VARIATIONS, REFER TO THE PUBLISHED DESIGN.
3. WHERE DESIGN NO. INDICATES "PER", THE FIRE RATING IS BASED ON LABORATORY TEST DATA OF THE REFERENCED SIMILARLY CONSTRUCTED ASSEMBLIES.
4. STUD SIZES AND INSULATION THICKNESS ARE MINIMUM UNLESS OTHERWISE STATED IN THE PUBLISHED ASSEMBLY.
5. STUD AND FASTENER SPACINGS ARE MAXIMUM UNLESS OTHERWISE STATED IN THE PUBLISHED ASSEMBLY.
6. PANEL ORIENTATION SHALL BE AS SPECIFIED IN THE PUBLISHED DESIGN.
7. FIRE-RATINGS ARE FROM BOTH SIDES UNLESS OTHERWISE STATED.
8. FIRE-RATINGS ARE MAINTAINED WITH ONE OR MORE OF THE FOLLOWING MODIFICATIONS: INCREASE STUD DEPTH, INCREASE STUD MATERIAL THICKNESS, DECREASE STUD SPACING, DECREASE FASTENER SPACING, INCREASE INSULATION THICKNESS UP TO CAVITY DEPTH.
9. WHERE ACOUSTICAL PERFORMANCE IS PROVIDED IN AN ESTIMATED RANGE, THE VALUES ARE BASED ON LABORATORY TEST DATA OF SIMILARLY CONSTRUCTED ASSEMBLIES.
10. SOUND-RATINGS ARE MAINTAINED WITH ONE OR MORE OF THE FOLLOWING MODIFICATIONS: INCREASE STUD DEPTH, DECREASE STUD MATERIAL THICKNESS, INCREASE STUD SPACING, INCREASE FASTENER SPACING, INCREASE INSULATION THICKNESS UP TO CAVITY DEPTH. MODIFICATIONS MUST NOT EXCEED LIMITATIONS OF FIRE RATING.