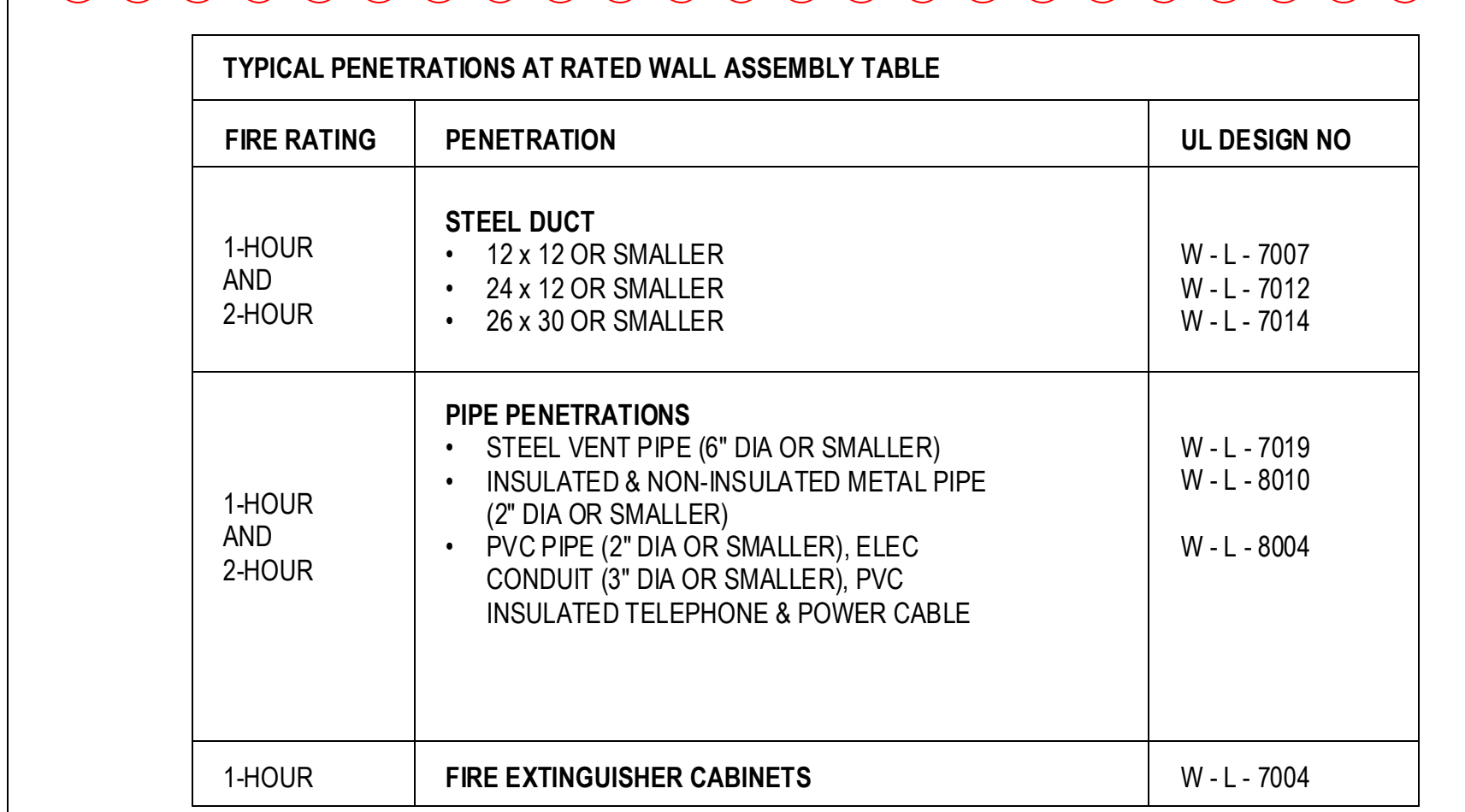
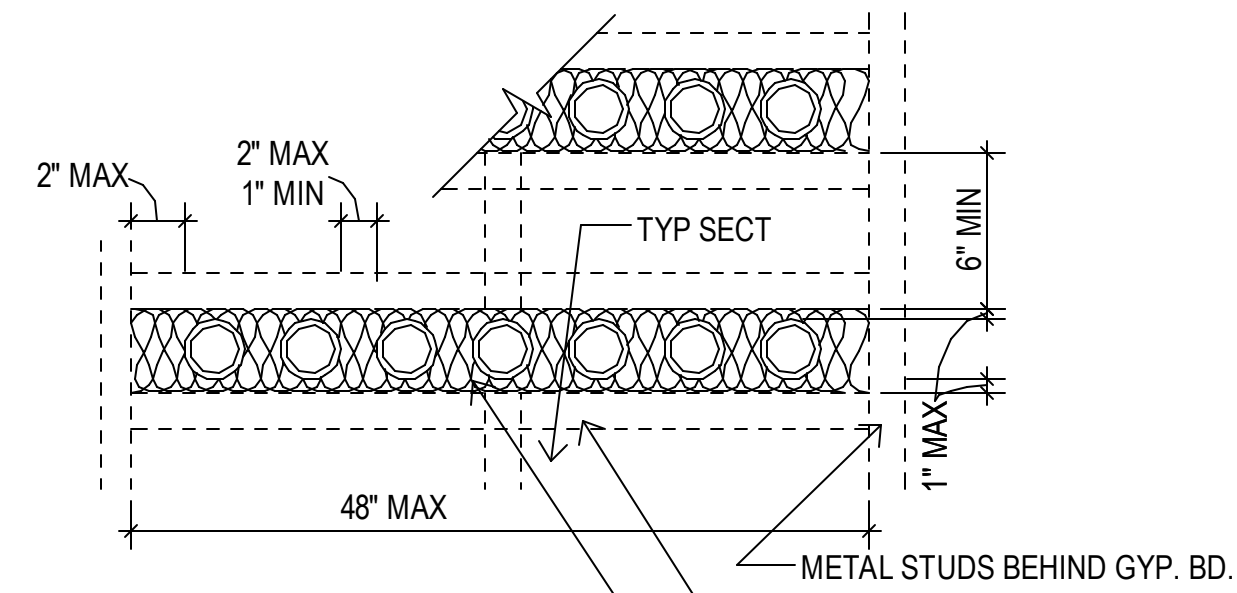


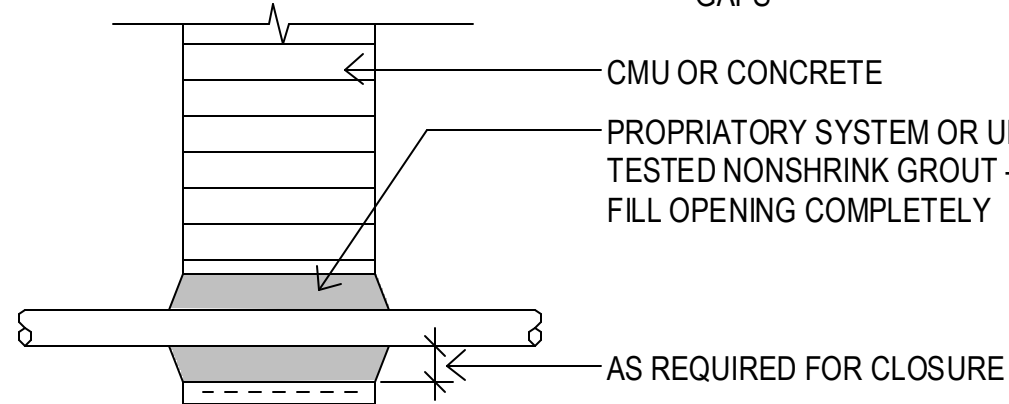


TYPICAL PENETRATIONS AT RATED WALL ASSEMBLY TABLE		
FIRE RATING	PENETRATION	UL DESIGN NO
1-HOUR AND 2-HOUR	STEEL DUCT • 12 x 12 OR SMALLER • 24 x 12 OR SMALLER • 26 x 30 OR SMALLER	W - L - 7007 W - L - 7012 W - L - 7014
1-HOUR AND 2-HOUR	PIPE PENETRATIONS • STEEL VENT PIPE (6" DIA OR SMALLER) • INSULATED & NON-INSULATED METAL PIPE (2" DIA OR SMALLER) • PVC PIPE (2" DIA OR SMALLER), ELEC CONDUIT (3" DIA OR SMALLER), PVC INSULATED TELEPHONE & POWER CABLE	W - L - 7019 W - L - 8010 W - L - 8004
1-HOUR	FIRE EXTINGUISHER CABINETS	W - L - 7004

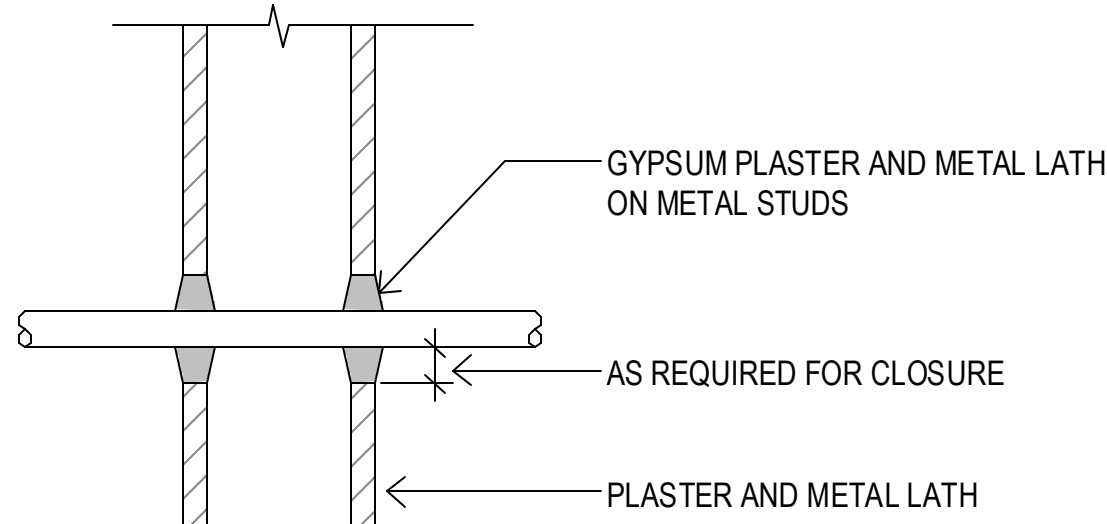


MULTIPLE CONDUIT / PIPE PENETRATIONS

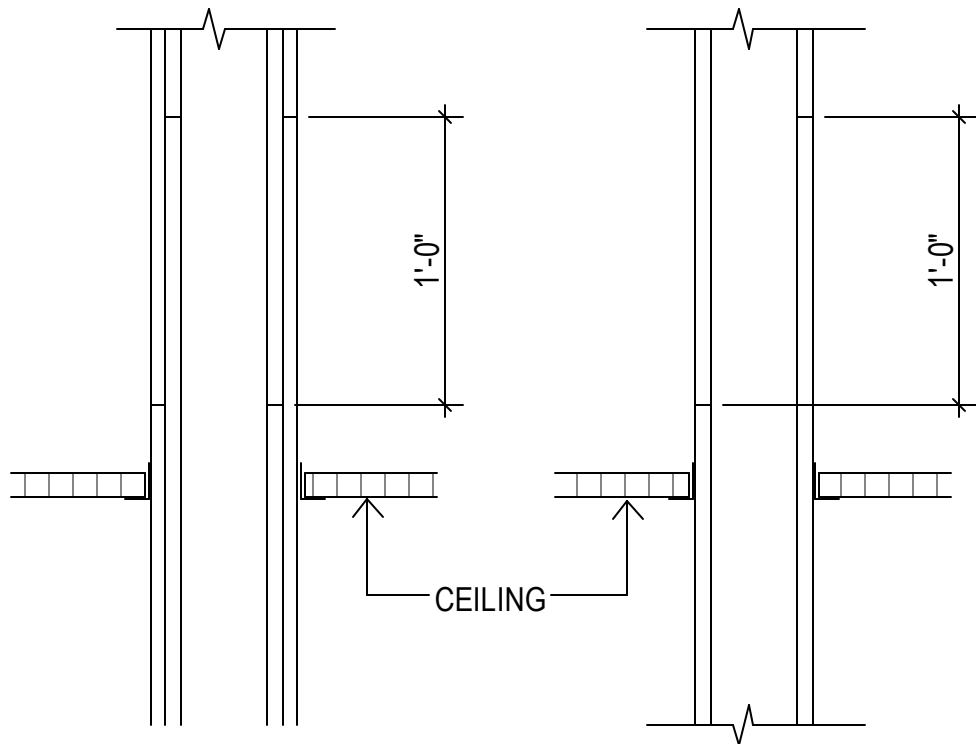
- METAL STUDS BEHIND GYP. BD.
- METAL RUNNERS
- PACK WITH THERMAFIBER
SAFING AT MANUFACTURED
DENSITY WITH NO VOIDS OR
GAPS



CONCRETE MASONRY UNITS OR SOLID CONCRETE WALLS



GYPSUM PLASTER, METAL LATH AND METAL STUD PARTITIONS



2-HOUR WAL

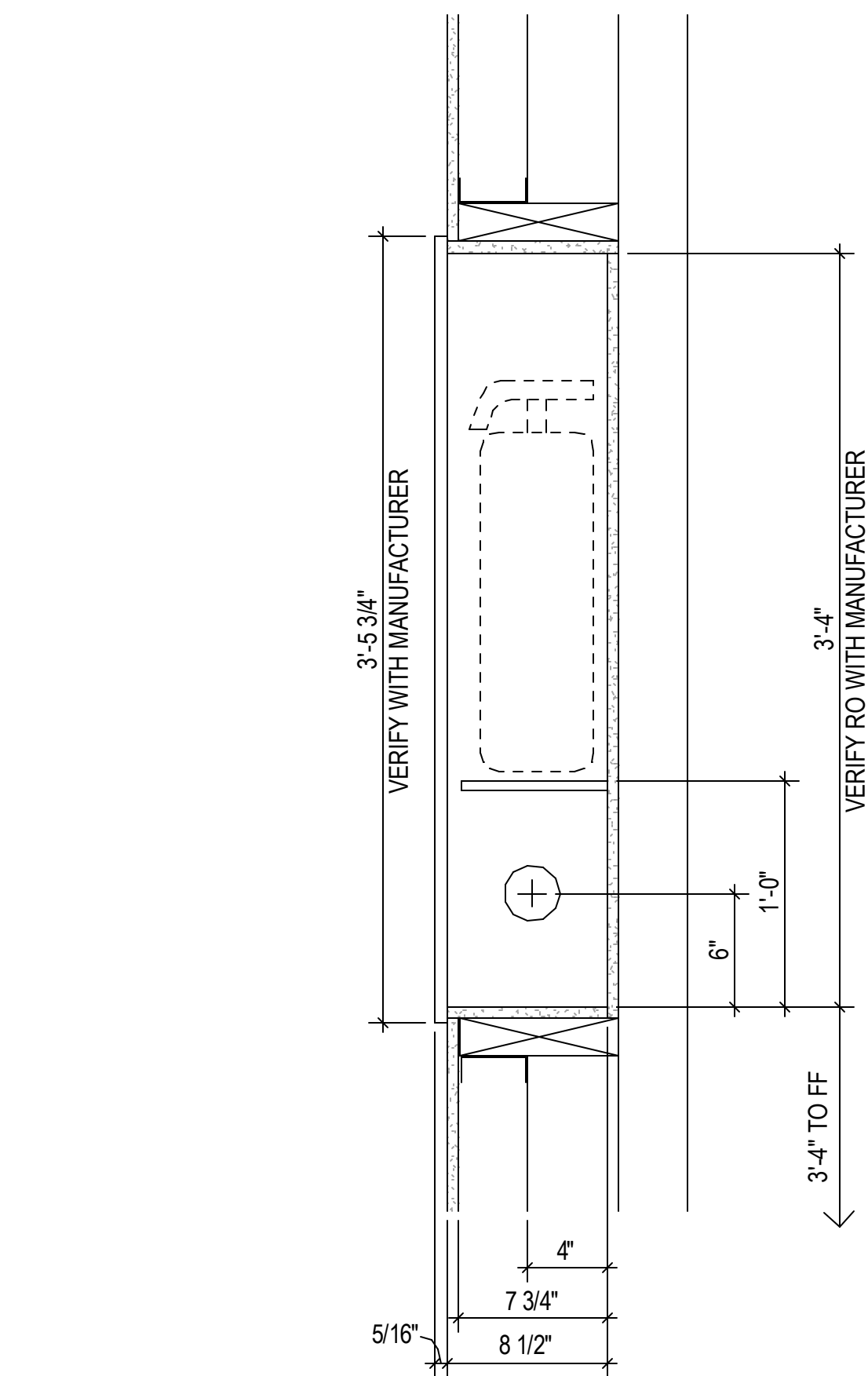
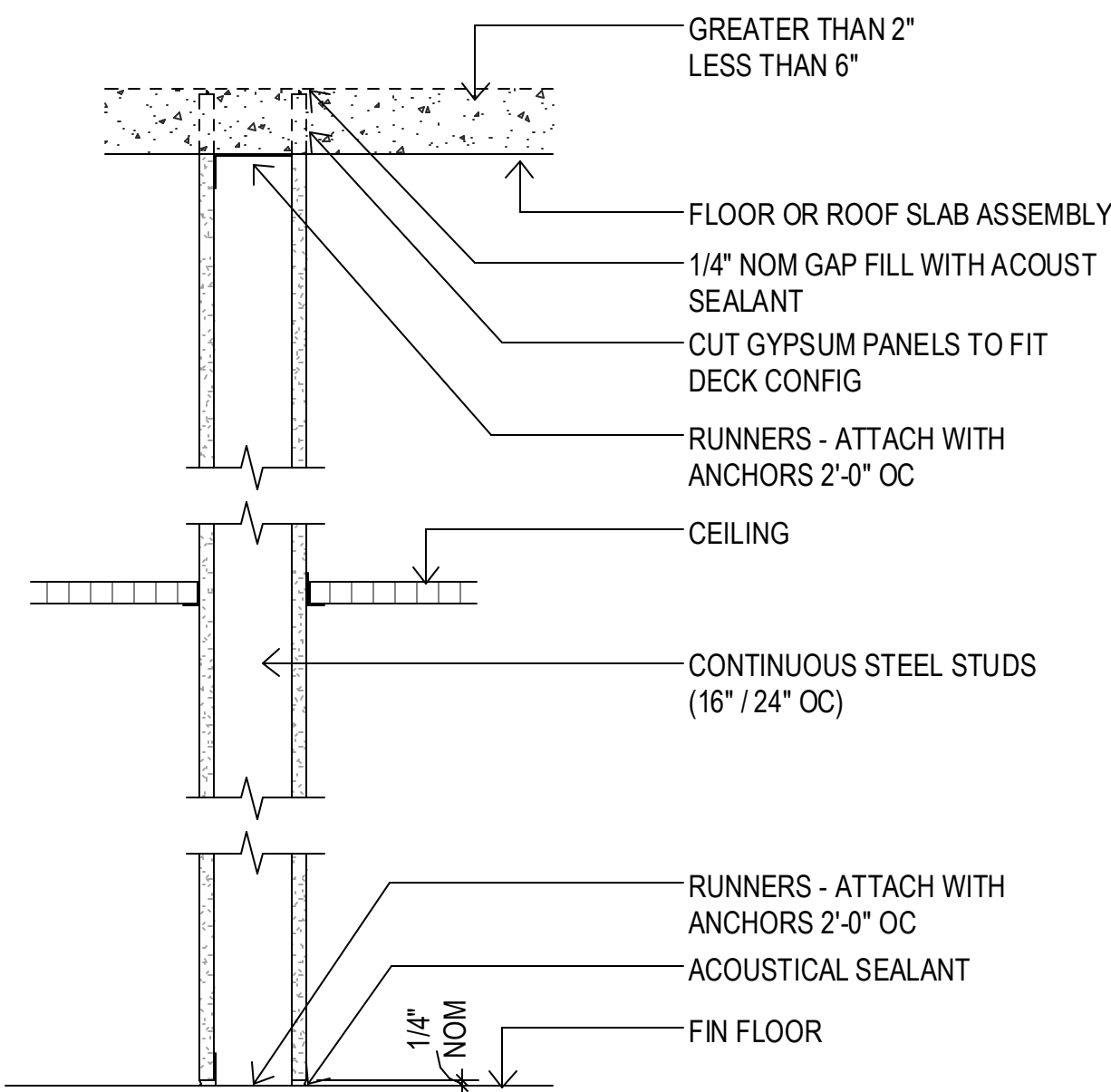
(EXAMPLE)

1-HOUR WALL (EXAMPLE)

HORIZONTAL JOINT REQUIREMENTS ABOVE SUSPENDED CEILINGS

NOTES:

1. JOINTS MAY BE OPPOSITE IF SAFEING IS USED IN CAVITY
2. JOINTS IN FINISH LAYER TO RECEIVE TAPE AND JOINT COMPOUND

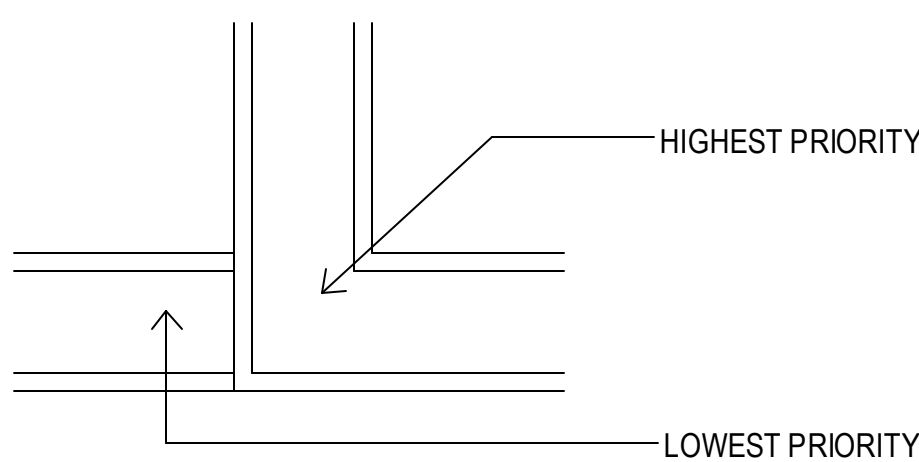


INSTALL BLOCKING/FRAMING AT METAL STUD WALLS AS REQUIRED FOR INSTALLATION

L9

FE/FV CABINET SECTION

12" = 1'-0"



WALL PRIORITY LEGEND

2-HOUR FIRE/SMOKE BARRIER ————— PRIORITY 1 HIGHEST

2-HOUR FIRE BARRIER —————

2-HOUR SHAFTWALL —————

1-HOUR FIRE/SMOKE BARRIER ————— PRIORITY 3

1-HOUR FIRE BARRIER ————— PRIORITY 4

NON-RATED WALL ————— PRIORITY 5 LOWEST

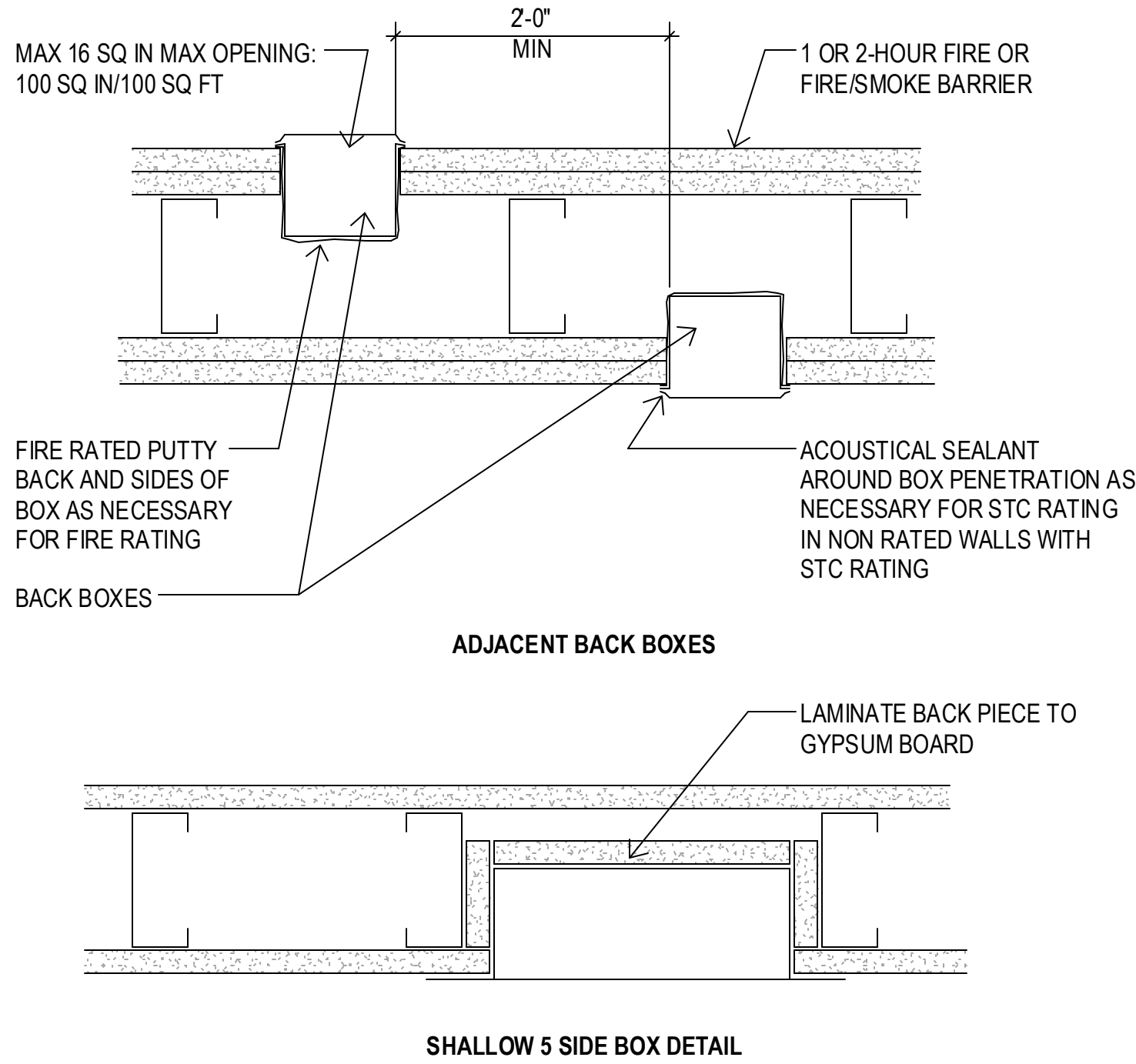
NOTES:

1. SCHEDULE CONSTRUCTION OF WALLS ACCORDING TO PRIORITY.
2. BOTH SIDES OF PRIORITY 1 THRU 4 WALLS SHALL BE SEALED AND STENCILLED AT THE 80% CONSTRUCTION SURVEY.

F9

PARTITION PRIORITY

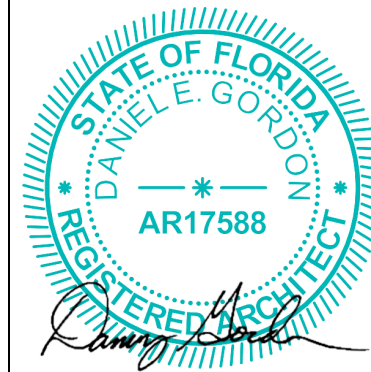
12" = 1'-0"



A9

BOX DETAILS AT RATED WALLS

12" = 1'-0"



This item has been electronically signed and sealed by Daniel E. Gordon, AIA on the Date and/or Time Stamp shown using a digital signature.

Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.



DATE	SUBMISSION
12.12.23	CONSTRUCTION DOCUMENTS
08.07.26	CCD NO. 2R

FIRE PENETRATION DETAILS

PROJ. NO.	H-23016.00	SHEET
DRAWN	Author	

A932