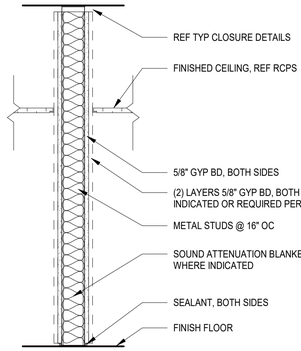
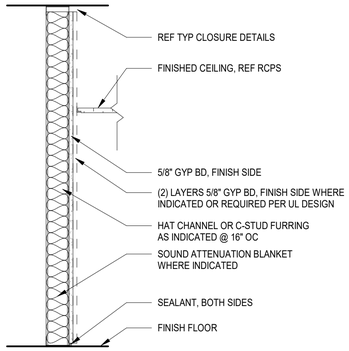


#S METAL C-STUD & GYP BD TO DECK

NOTES:
1. BRACE METAL STUDS AS PER MANUFACTURER REQUIREMENTS TO BUILDING STRUCTURE.
2. PROVIDE METAL CLIP ANGLES AS REQUIRED TO INSTALL WALLS ON UNEVEN SURFACES.

NON-RATED & RATED PARTITIONS

FIRE RATING:
UL DESIGN U465 - 1 HR
UL DESIGN U411 - 2 HR

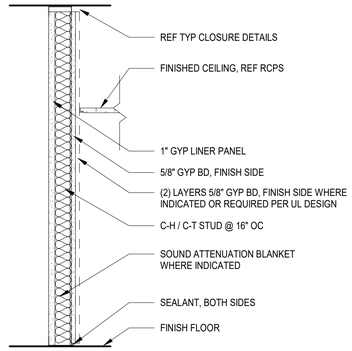


#H HAT CHANNEL FURRING & GYP BD TO DECK
#F C-STUD FURRING & GYP BD TO DECK

NOTES:
1. BRACE METAL STUDS AS PER MANUFACTURER REQUIREMENTS TO BUILDING STRUCTURE.
2. PROVIDE METAL CLIP ANGLES AS REQUIRED TO INSTALL WALLS ON UNEVEN SURFACES.

FURRING PARTITIONS

FIRE RATING:
UL DESIGN V497 - 1 HR
UL DESIGN V497 - 2 HR



#SW C-H / C-T STUD & GYP BD TO DECK

SHAFT WALL PARTITIONS

FIRE RATING:
UL DESIGN U499 - 1 HR
UL DESIGN U438 - 2 HR

PARTITION TYPES
SCALE: 1" = 1'-0"

STRUCTURE MATERIAL

STRUCTURE SIZE

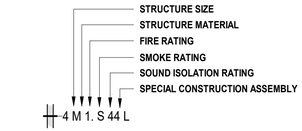
NOMINAL	HAT CHANNEL FURRING (H)	C-STUD FURRING (F)	C-STUD PARTITION (S)	SHAFTWALL PARTITION (SW)	WOOD STUD PARTITION (W)	WOOD FURRING (WF)	CONCRETE MASONRY UNIT (M)	CONCRETE (C)
0	7/8"	-	-		-	-	-	-
1	1 1/2"	1 5/8"	-		-	3/4"	-	-
2	-	2 1/2"	2 1/2"		2x2	2x2	-	-
3	-	3 5/8"	3 5/8"		2x3	2x3	-	-
4	-	-	4"		2x4	2x4	4"	4"
5	-	-	5 1/2"		-	-	-	5"
6	-	6"	6"		2x6	2x6	6"	6"
8	-	-	8"		-	-	8"	8"
10	-	-	-		-	-	10"	10"
12	-	-	-		-	-	12"	12"

FIRE RATING: *(IF BLANK, NONRATED ASSEMBLY)*
1: 1 HOUR FIRE RESISTANT (ULXXX)
2: 2 HOUR FIRE RESISTANT (ULXXX)
3: 3 HOUR FIRE RESISTANT (ULXXX)
4: 4 HOUR FIRE RESISTANT (ULXXX)

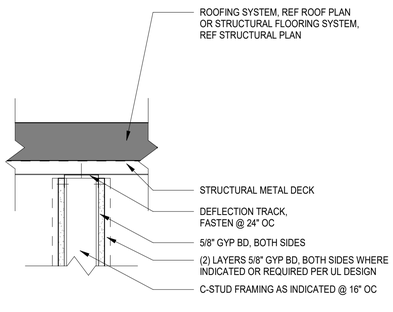
SMOKE RATING: *(IF BLANK, NONRATED ASSEMBLY)*
S: SMOKE RATED (ULXXX)

SOUND ISOLATION RATING: *(IF BLANK, NONRATED ASSEMBLY)*
A: GENERAL ATTENUATION
40: STC 40 (EXAMPLE)

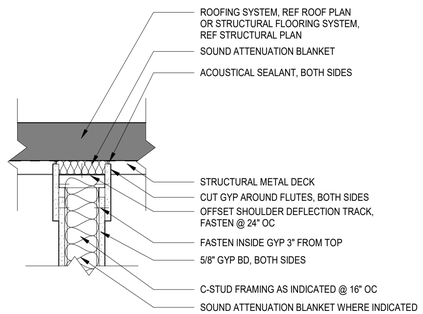
SPECIAL CONSTRUCTION ASSEMBLY: *(IF BLANK, N/A)*
L: LEAD LINED WALL ASSEMBLY



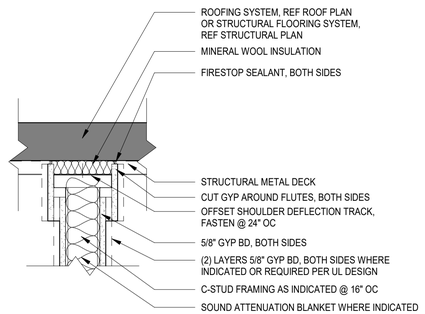
PARTITION SYMBOL
SCALE: 12" = 1'-0"



NON-RATED PARTITIONS

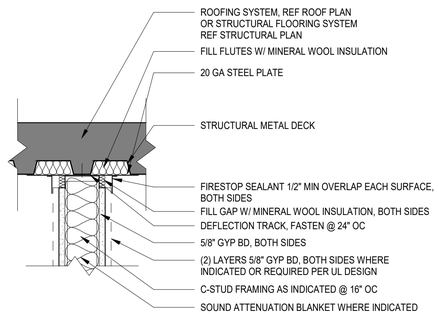


ACOUSTICAL PARTITIONS



FIRE RATINGS:
UL DESIGN HW-D-0060 - 1 HR & 2 HR ASSEMBLY

RATED PARTITIONS (PERPENDICULAR TO DECKING)



FIRE RATINGS:
UL DESIGN HW-D-0264 - 1 HR & 2 HR ASSEMBLY

RATED PARTITIONS (PARALLEL TO DECKING)

PARTITION CLOSURE DETAILS
SCALE: 1 1/2" = 1'-0"

BROWN AND CALDWELL
900 HAMMOND DRIVE, SUITE 500
ATLANTA, GA 30328

wendel

THIS DRAWING IS NOT VALID FOR CONSTRUCTION PURPOSES UNLESS IT BEARS THE SEAL AND SIGNATURE OF A DULY REGISTERED PROFESSIONAL

60% DESIGN

NCWSA NEWTON COUNTY WATER & SEWERAGE AUTHORITY

NCWSA OFFICE ADDITION

REVISIONS

REV	DATE	DESCRIPTION

LINE IS 2 INCHES AT FULL SIZE

DESIGNED: MW4
DRAWN: LDG
CHECKED: DEK
CHECKED:
APPROVED: Approver
FILENAME
BC PROJECT NUMBER 616202
CLIENT PROJECT NUMBER

INTERIOR PARTITION TYPES AND DETAILS

DRAWING NUMBER
A900

Plot Date: 3/24/2026 8:49:14 AM Path: Autodesk Docs://NCWSA Admin Bldg_ V25/616202-NCWSA-ARCH_V25(Central).rvt