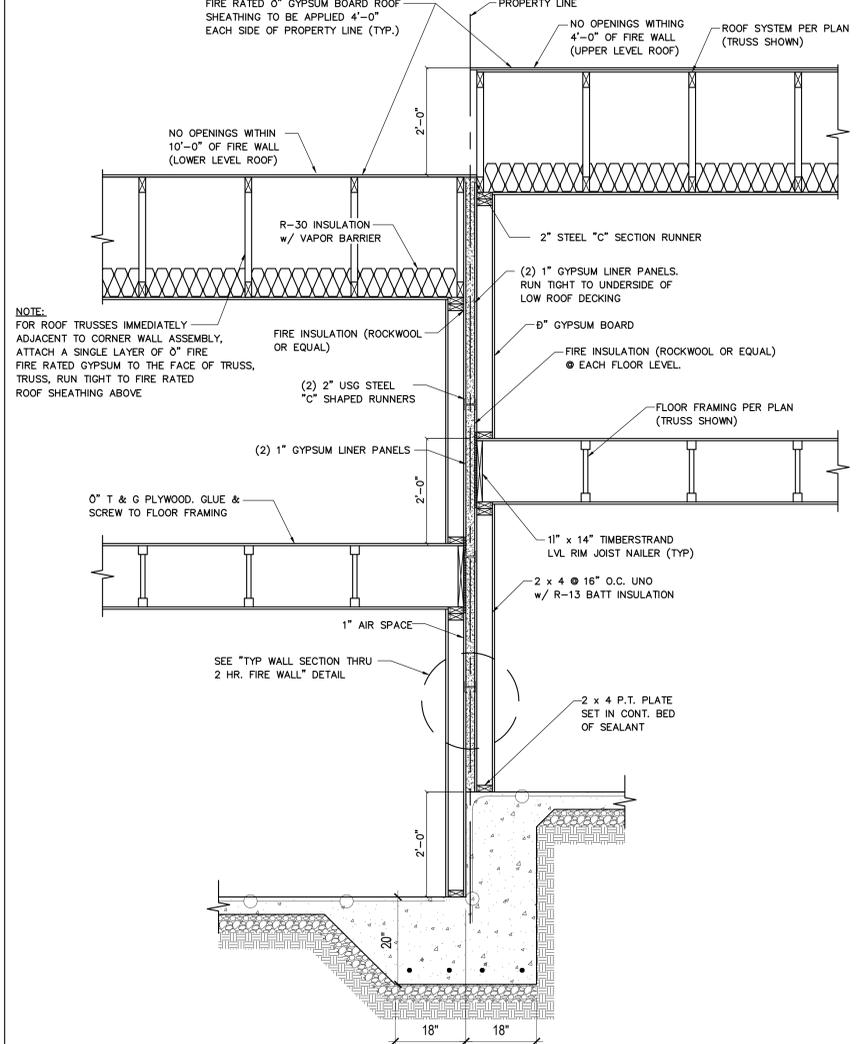


TYP WALL SECTION THRU 2 HR. FIRE WALL @ FLAT UNIT PARTITION
NO SCALE
NOTE: NO PENETRATIONS SHALL BE ALLOWED IN 2 HR. FIRE WALL



TYP WALL SECTION THRU 2 HR. FIRE WALL @ STEPPED UNIT PARTITION
NO SCALE
NOTE: NO PENETRATIONS SHALL BE ALLOWED IN 2 HR. FIRE WALL

SEPARATION WALL: (MAX HEIGHT = 6FT)

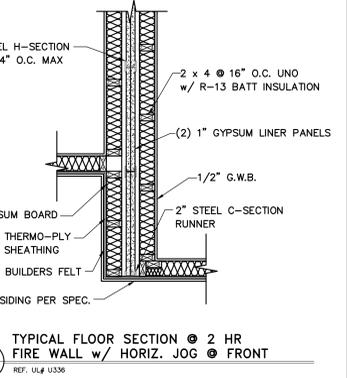
- FLOOR, INTERMEDIATE OR TOP ALL - 2" WIDE CHANNEL SHAPED WITH 1" LONG LEGS FORMED FROM NO. 25 MSG GALV. STEEL, SECURED WITH SUITABLE FASTENERS, SPACED AT 24" O.C.
 - METAL STUDS - STEEL MEMBERS FORMED FROM NO. 25 MSG GALV. STEEL HAVING "H" SHAPED FLANGES SPACED AT 24" O.C.; OVERALL DEPTH 2" AND FLANGE WIDTH 1-3/8".
 - GYPSON WALLBOARD - TWO LAYERS OF 1" THICK GYPSON WALLBOARD PANELS, SUPPLIED IN NOM. 24" WIDTHS. VERTICAL EDGES OF PANELS FRICTION FITTED INTO "H" SHAPED STUDS. UNITED STATES GYPSON COMPANY - TYPE SLX
- PROTECTED WALL: (BEARING OR NON-BEARING)
- WOOD STUDS - NOM. 2x4 MAX SPACING 24" O.C. STUDS CROSS BRACED AT MID-HEIGHT WHERE NECESSARY FOR CLIP ATTACHMENT. MIN 3/4" SEPARATION BETWEEN WOOD FRAMING AND FIRE RATED WALL.
 - GYPSON WALLBOARD - CLASSIFIED OR UNCLASSIFIED - MIN 1/2" THICK, 4'-0" WIDE, APPLIED EITHER HORIZONTALLY OR VERTICALLY. WALLBOARD ATTACHED TO STUDS WITH 1-1/4" LONG STEEL DRYWALL NAILS SPACED 8" O.C. VERTICAL JOINTS LOCATED OVER STUDS. (OPTIONAL) JOINTS COVERED WITH PAPER TAPE AND JOINT COMPOUND. NAIL HEADS COVERED WITH JOINT COMPOUND.
 - ATTACHMENT CLIPS - ALUMINUM ANGLE, 0.063" THICK, 2" WIDE WITH 2" AND 2-1/4" LEGS. CLIPS SECURED WITH TYPE S SCREWS 3/8" LONG TO "H" STUDS WITH TYPE W SCREWS 1-1/4" LONG TO WOOD FRAMING THROUGH HOLES PROVIDED IN CLIP.
 - CLIP PLACEMENT FOR SEPARATION WALLS UP TO 23'-0" HIGH. SPACE CLIPS A MAX OF 10'-0" O.C. VERTICALLY BETWEEN WOOD FRAMING AND "H" STUDS.
 - CLIP PLACEMENT FOR SEPARATION WALLS UP TO 44'-0" HIGH. SPACE CLIPS AS DESCRIBED IN 6A FOR UPPER 24'-0". REMAINING WALL AREA BELOW REQUIRES CLIPS SPACED A MAX OF 5'-0" O.C. VERTICALLY BETWEEN WOOD FRAMING AND "H" STUDS.
 - CAULKING AND SEALANTS: A BEAD OF SEALANT APPLIED AROUND THE PARTITION PERIMETER, AND AT THE INTERFACE BETWEEN WOOD OR STEEL FRAMING AND GYPSON BOARD PANELS TO CREATE AN AIR BARRIER.

UL #U336 DESIGN
DWELLING UNIT SEPARATION WALLS SHALL FOLLOW THE PROVISIONS SET FORTH IN THE 2018 RESIDENTIAL BUILDING CODE IN SECTIONS R302 AND R317.

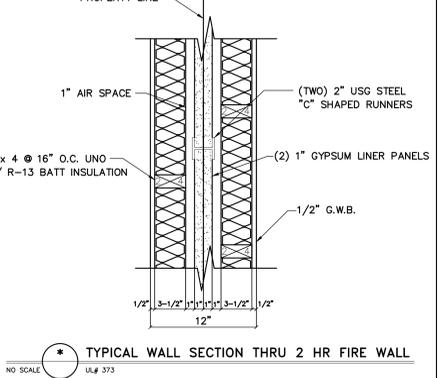
SEPARATION WALL: (MAX HEIGHT = 44FT)

- FLOOR, INTERMEDIATE OR TOP ALL - 2-3/16" WIDE CHANNEL SHAPED WITH 1" LONG LEGS FORMED FROM NO. 25 MSG GALV. STEEL, SECURED WITH SUITABLE FASTENERS, SPACED AT 24" O.C.
 - METAL STUDS - STEEL MEMBERS FORMED FROM NO. 25 MSG GALV. STEEL HAVING "H" SHAPED FLANGES SPACED AT 24" O.C.; OVERALL DEPTH 2-1/8" AND FLANGE WIDTH 1-1/2".
 - GYPSON WALLBOARD - TWO LAYERS OF 1" THICK GYPSON WALLBOARD LINER PANELS, SUPPLIED IN NOM. 24" WIDTHS. VERTICAL EDGES OF PANELS FRICTION FITTED INTO "H" SHAPED STUDS. GEORGIA-PACIFIC GYPSON LLC - TYPE TRSL, DGUSL
- PROTECTED WALL: (BEARING OR NON-BEARING)
- WOOD STUDS - FOR 2 HR BEARING OR NONBEARING WALL RATING - NOM. 2x4 MAX SPACING 24" O.C. STUDS CROSS BRACED AT MID-HEIGHT WHERE NECESSARY FOR CLIP ATTACHMENT. MIN 3/4" SEPARATION BETWEEN WOOD FRAMING AND AREA SEPARATION WALL. FINISH RATING EVALUATED FOR WOOD STUDS ONLY.
 - GYPSON WALLBOARD - CLASSIFIED OR UNCLASSIFIED - MIN 1/2" THICK, 4'-0" WIDE, APPLIED EITHER HORIZONTALLY OR VERTICALLY. WALLBOARD ATTACHED TO WOOD STUDS WITH 1-1/4" LONG STEEL DRYWALL NAILS SPACED 12" O.C. VERTICAL JOINTS LOCATED OVER STUDS. (OPTIONAL) JOINTS COVERED WITH PAPER TAPE AND JOINT COMPOUND. NAIL HEADS COVERED WITH JOINT COMPOUND.
 - PLYWOOD SHEATHING OR OSB - AS AN ALTERNATE TO ITEM 5, NOM. 1/2" THICK OR EQUIV. PLYWOOD OR OSB APPLIED HORIZONTALLY OR VERTICALLY TO WOOD STUDS. VERTICAL JOINTS LOCATED OVER STUDS. HORIZONTAL JOINTS SHALL BE BUTTED TIGHT TO FORM A CLOSED JOINT. FASTENED TO STUDS WITH NAILS OR SCREWS OF SUFFICIENT LENGTH, SPACED 12" O.C. JOINTS AND FASTENER HEADS ARE NOT REQUIRED TO BE TREATED. ALUMINUM CLIPS SHALL BE SPACED AS DESCRIBED BY ITEM 6.
 - ATTACHMENT CLIPS - ALUMINUM ANGLE, 0.062" THICK, MIN. 2" WIDE WITH MIN. 2" AND 2-1/2" LEGS. CLIPS SECURED WITH MIN. 1 TYPE S SCREW 3/8" LONG TO "H" STUDS WITH MIN 1 TYPE W SCREW 1-1/4" LONG TO WOOD FRAMING THROUGH HOLES PROVIDED IN CLIP. CLIPS SPACED A MAX OF 10'-0" O.C. VERTICALLY BETWEEN WOOD FRAMING AND "H" STUDS FOR SEPARATION WALLS UP TO 23'-0" HIGH. FOR SEPARATION WALLS UP TO 44'-0" HIGH, CLIPS SPACED AS DESCRIBED ABOVE FOR THE UPPER 24'-0" AND THE REMAINING WALL AREA BELOW REQUIRES CLIPS SPACED A MAX 5'-0" O.C. VERTICALLY BETWEEN WOOD FRAMING AND "H" STUDS.
 - CAULKING AND SEALANTS: A BEAD OF SEALANT APPLIED AROUND THE PARTITION PERIMETER, AND AT THE INTERFACE BETWEEN WOOD OR STEEL FRAMING AND GYPSON BOARD PANELS TO CREATE AN AIR BARRIER.

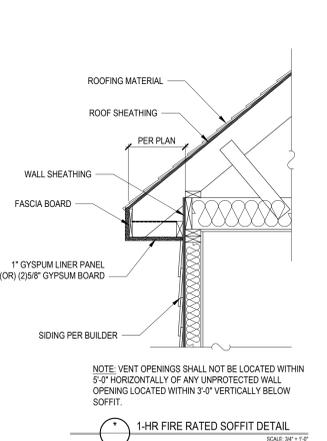
UL #U373 DESIGN
DWELLING UNIT SEPARATION WALLS SHALL FOLLOW THE PROVISIONS SET FORTH IN THE 2018 RESIDENTIAL BUILDING CODE IN SECTIONS R302 AND R317.



TYPICAL FLOOR SECTION @ 2 HR FIRE WALL W/ HORIZ. JOG @ FRONT
NO SCALE
REF: UL# U336



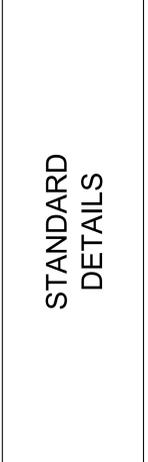
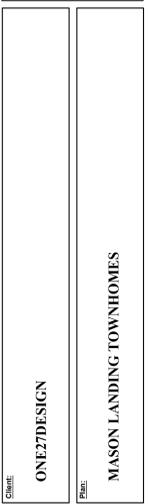
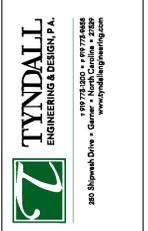
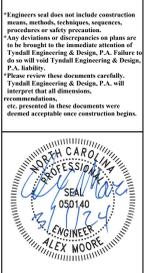
TYPICAL WALL SECTION THRU 2 HR FIRE WALL
NO SCALE
UL# 373



DESIGN NO. U336
SCALE: 3/4" = 1'-0"
NOTE: VENT OPENINGS SHALL NOT BE LOCATED WITHIN 5'-0" HORIZONTALLY OF ANY UNPROTECTED WALL OPENING LOCATED WITHIN 3'-0" VERTICALLY BELOW SOFFIT.

UL DESIGN NO. U336 NOTES
SCALE: 3/4" = 1'-0"

- WOOD STUDS - NOM. 2x4 MAX SPACING 24" O.C. STUDS CROSS BRACED AT MID-HEIGHT WHERE NECESSARY FOR CLIP ATTACHMENT. MIN 3/4" SEPARATION BETWEEN WOOD FRAMING AND AREA SEPARATION WALL. FINISH RATING EVALUATED FOR WOOD STUDS ONLY.
- GYPSON WALLBOARD - CLASSIFIED OR UNCLASSIFIED - MIN 1/2" THICK, 4'-0" WIDE, APPLIED EITHER HORIZONTALLY OR VERTICALLY. WALLBOARD ATTACHED TO WOOD STUDS WITH 1-1/4" LONG STEEL DRYWALL NAILS SPACED 12" O.C. VERTICAL JOINTS LOCATED OVER STUDS. (OPTIONAL) JOINTS COVERED WITH PAPER TAPE AND JOINT COMPOUND. NAIL HEADS COVERED WITH JOINT COMPOUND.
- PLYWOOD SHEATHING OR OSB - AS AN ALTERNATE TO ITEM 5, NOM. 1/2" THICK OR EQUIV. PLYWOOD OR OSB APPLIED HORIZONTALLY OR VERTICALLY TO WOOD STUDS. VERTICAL JOINTS LOCATED OVER STUDS. HORIZONTAL JOINTS SHALL BE BUTTED TIGHT TO FORM A CLOSED JOINT. FASTENED TO STUDS WITH NAILS OR SCREWS OF SUFFICIENT LENGTH, SPACED 12" O.C. JOINTS AND FASTENER HEADS ARE NOT REQUIRED TO BE TREATED. ALUMINUM CLIPS SHALL BE SPACED AS DESCRIBED BY ITEM 6.
- ATTACHMENT CLIPS - ALUMINUM ANGLE, 0.062" THICK, MIN. 2" WIDE WITH MIN. 2" AND 2-1/2" LEGS. CLIPS SECURED WITH MIN. 1 TYPE S SCREW 3/8" LONG TO "H" STUDS WITH MIN 1 TYPE W SCREW 1-1/4" LONG TO WOOD FRAMING THROUGH HOLES PROVIDED IN CLIP. CLIPS SPACED A MAX OF 10'-0" O.C. VERTICALLY BETWEEN WOOD FRAMING AND "H" STUDS FOR SEPARATION WALLS UP TO 23'-0" HIGH. FOR SEPARATION WALLS UP TO 44'-0" HIGH, CLIPS SPACED AS DESCRIBED ABOVE FOR THE UPPER 24'-0" AND THE REMAINING WALL AREA BELOW REQUIRES CLIPS SPACED A MAX 5'-0" O.C. VERTICALLY BETWEEN WOOD FRAMING AND "H" STUDS.
- CAULKING AND SEALANTS: A BEAD OF SEALANT APPLIED AROUND THE PARTITION PERIMETER, AND AT THE INTERFACE BETWEEN WOOD OR STEEL FRAMING AND GYPSON BOARD PANELS TO CREATE AN AIR BARRIER.



Project #:	DRB2201-0262A	
Date:	11/03/23	
Engineered By:	AJM	
DWG. Checked By:	PTH	
Scale:	SEE PLAN	
REVISIONS		
No.	Date:	Remarks
Sheet Number		D2
6 of 7		