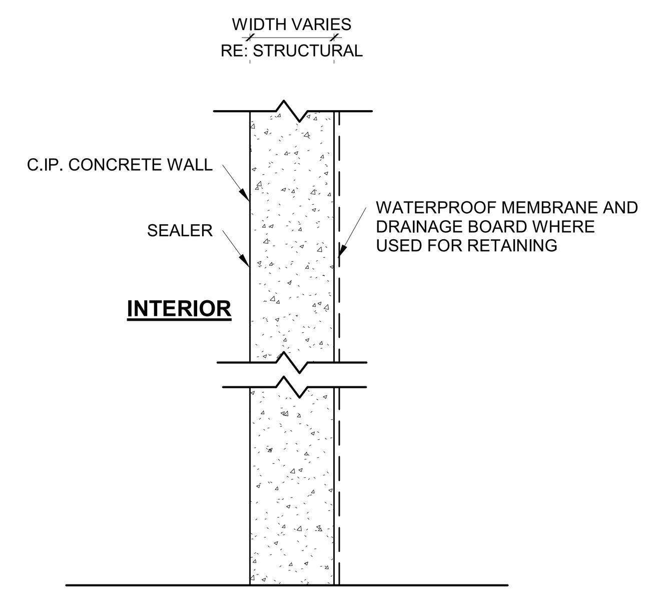
NOTE:
SEE STRUCTURAL FOR ALL STEEL REINFORCEMENT

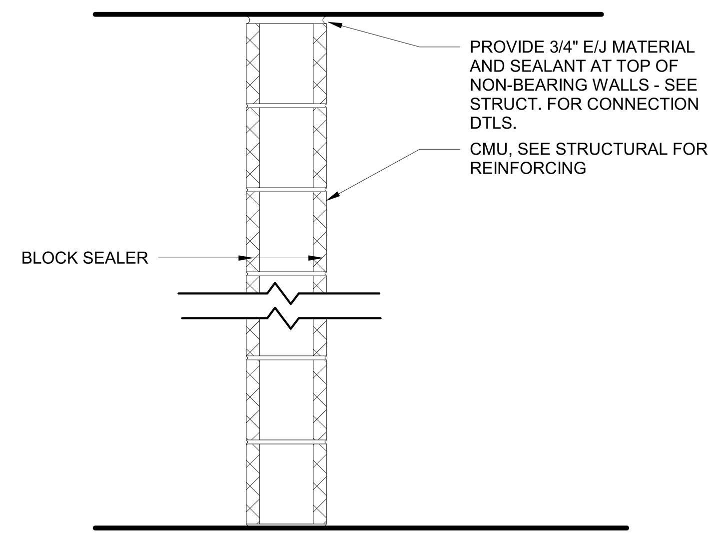


C_
- NON-RATED WALL
- C.I.P. CONCRETE WALL (SEE STRUCT. FOR SIZE AND REINF.)
- PROVIDE SEALER
-PROVIDE WATERPROOFING AND DRAINAGE BOARD AT RETAINING CONDITIONS

2X C_
- NON-RATED WALL
- C.I.P. CONCRETE WALL (SEE STRUCT. FOR SIZE AND REINF.)
- PROVIDE SEALER
-PROVIDE WATERPROOFING AND DRAINAGE BOARD AT RETAINING CONDITIONS

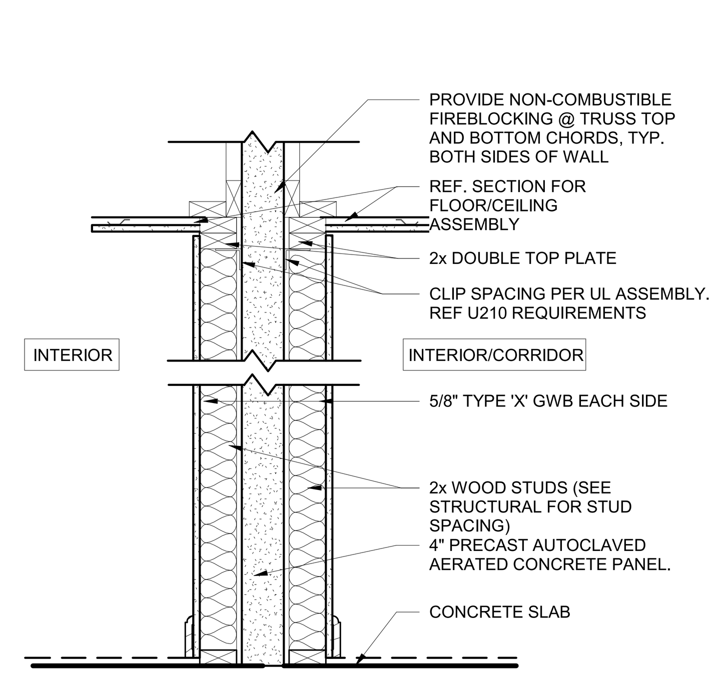
(C.I.P. CONCRETE WALLS)

C_ 8
1" = 1'-0"



M8 - 8" CMU
M6 - SAME AS M8, WITH 6" CMU
M10 - SAME AS M8, WITH 10" CMU
M12 - SAME AS M8, WITH 12" CMU
2X M8 - U.L. #U905 (2-HR) - 8" CMU
2X M10 - SAME AS M8-2X, WITH 10" CMU
2X M12 - SAME AS M8-2X, WITH 12" CMU

M_ 7
1" = 1'-0"



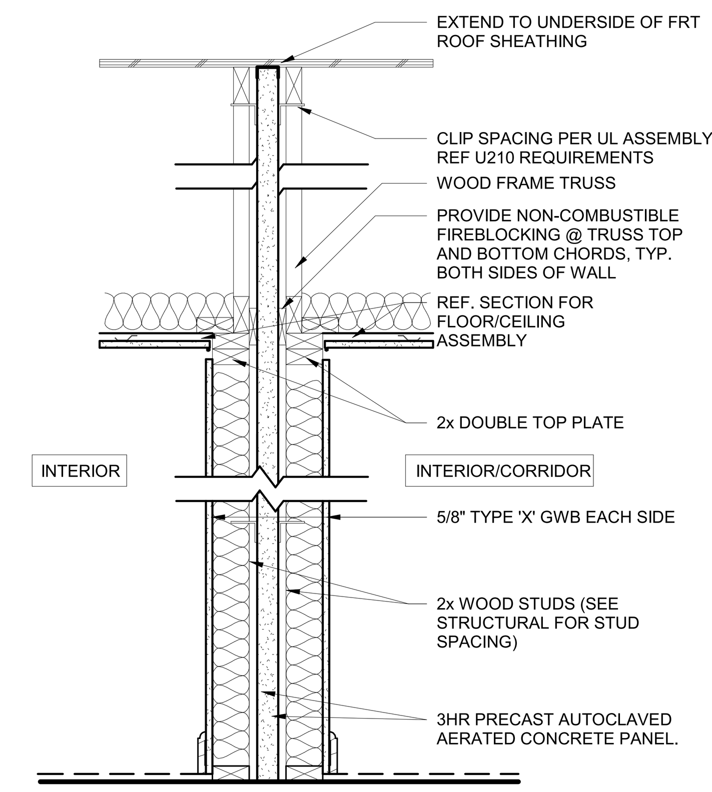
2X W12M S
U.L. DESIGN #U210 (2 HOUR FIRE RATING)
FIRE WALL AT CORRIDOR - EXPOSED TO FIRE FROM EITHER SIDE

-SIM. TO W9M-3X
-4" CONCRETE PANEL

FIRE WALL @ FIRE DOORS 6
1" = 1'-0"

CLIPS ATTACH 3HR. THERMACRETE TO BOTH SIDES OF WALL. EITHER SIDE CAN BURN AWAY, LEAVING 3HR. THERMACRETE & ONE SIDE.

REFERENCE 2014 FBC & 2009 IBC COMMENTARY: 706.2 STRUCTURAL STABILITY, FIGURE 706.2(2), 706.3 MATERIAL EXCEPTION.

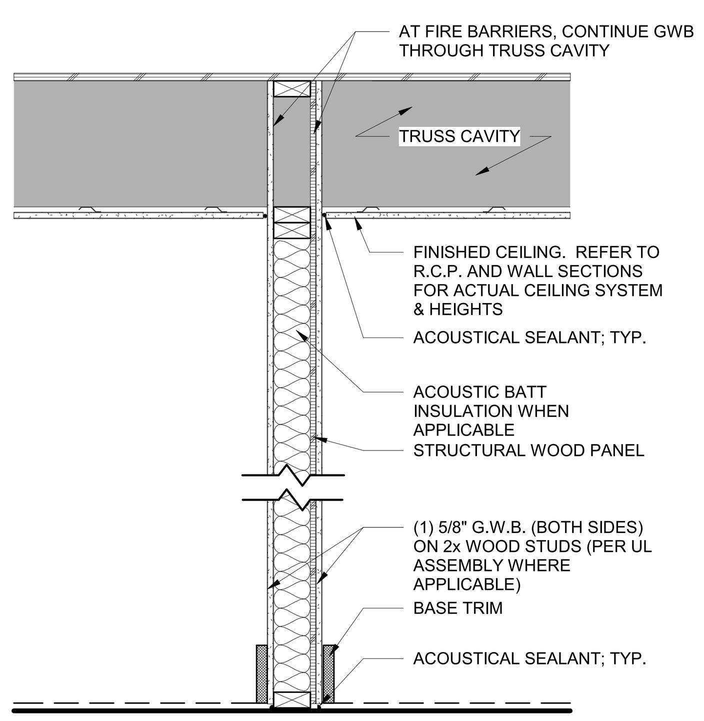


U.L. DESIGN #U210 (2 HOUR FIRE RATING)
FIRE WALL AT UNITS - EXPOSED TO FIRE FROM EITHER SIDE (IF APPLICABLE)

3X W10Q S
- 5/8" TYPE 'X' GYPSUM BOARD
- WOOD FRAMING (TYP. 2x4s) SEE PLAN FOR 2X6s
- BATT INSULATION
- AIRSPACE WITH FIRE BLOCKING
- 3HR PRECAST AUTOCLAVED AERATED CONCRETE PANEL.
- AIR SPACE WITH FIRE BLOCKING
- ACOUSTIC BATT INSULATION
- WOOD FRAMING (TYP. 2x4s) SEE PLAN FOR 2x6s
- 5/8" TYPE 'X' GYPSUM BOARD
- AT CORRIDORS, 5/8" TYPE 'X' GWB ON RESILIENT CHANNELS ON STUDS

3X W12Q S - SAME AS W10M-3X-S WITH 2X6 STUD ONE SIDE

W_Q 5
1" = 1'-0"



(NON RATED FOR NON BEARING INTERIOR UNIT WALLS)
RATED FOR INTERIOR BEARING WALLS AND DRYER EXHAUST WALLS

W4J
- 5/8" GWB FULL HEIGHT
- STRUCTURAL WOOD PANEL
- 2x4 WD STUDS - SEE STRUCT. FOR SPACING
- 5/8" GWB FULL HEIGHT

W6J - SAME AS W4J WITH 2x6 STUDS
W8J - SAME AS W4J WITH 2x8 STUDS

W4J S
- 5/8" GWB FULL HEIGHT
- STRUCTURAL WOOD PANEL
- 2x4 WD STUDS - SEE STRUCT. FOR SPACING
- 5/8" GWB FULL HEIGHT
- 3 1/2" ACOUSTIC BATT INSULATION FULL HEIGHT

W6J S - SAME AS W4J-S WITH 2x6 STUDS
W8J S - SAME AS W4J-S WITH 2x8 STUDS

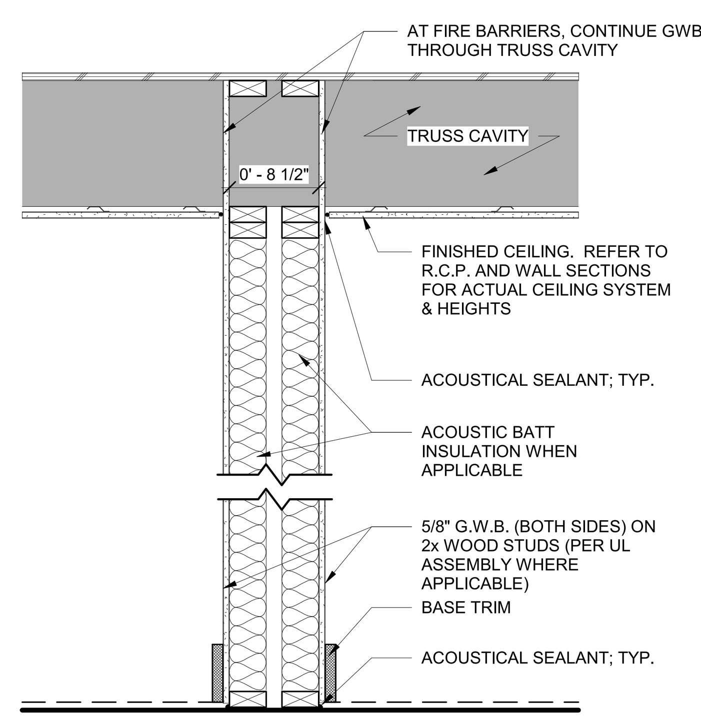
1X W4J
- U.L. U344 (1-HR)
- 5/8" TYPE "X" GWB FULL HEIGHT
- STRUCTURAL WOOD PANEL
- 2x4 WD STUDS - SEE STRUCT. FOR SPACING
- 5/8" TYPE" X" GWB FULL HEIGHT

1X W6J - SAME AS W4J-1X WITH 2x6 STUDS
1X W8J - SAME AS W4J-1X WITH 2x8 STUDS

1X W4J S
- U.L. U344 (1-HR)
- 5/8" TYPE "X" GWB FULL HEIGHT
- STRUCTURAL WOOD PANEL
- 2x4 WD STUDS - SEE STRUCT. FOR SPACING
- 5/8" TYPE" X" GWB FULL HEIGHT
- 3 1/2" ACOUSTIC BATT INSULATION FULL HEIGHT

1X W6J S - SAME AS W4J-1X-S WITH 2x6 STUDS
1X W8J S - SAME AS W4J-1X-S WITH 2x8 STUDS

W_J 4
1" = 1'-0"



(NON RATED FOR NON BEARING INTERIOR UNIT WALLS)
RATED FOR INTERIOR BEARING WALLS AND DRYER EXHAUST WALLS

W9B
- 5/8" GWB ON BOTH SIDES FULL HEIGHT
- 2x4 WD STUDS - SEE STRUCT. FOR SPACING
- 1 1/2" AIR SPACE
- 2X4 WD STUDS - SEE STRUCT. FOR SPACING
- 5/8" GWB ON BOTH SIDES FULL HEIGHT

W13B - SAME AS W9B WITH 2X6 STUDS

W9B S
- 5/8" GWB ON BOTH SIDES FULL HEIGHT
- 2x4 WD STUDS - SEE STRUCT. FOR SPACING
- 3 1/2" ACOUSTIC BATT INSULATION FULL HEIGHT
- 1 1/2" AIR SPACE
- 3 1/2" ACOUSTIC BATT INSULATION FULL HEIGHT
- 2X4 WD STUDS - SEE STRUCT. FOR SPACING
- 5/8" GWB ON BOTH SIDES FULL HEIGHT

W13B S - SAME AS W9B-S WITH 2X6 STUDS

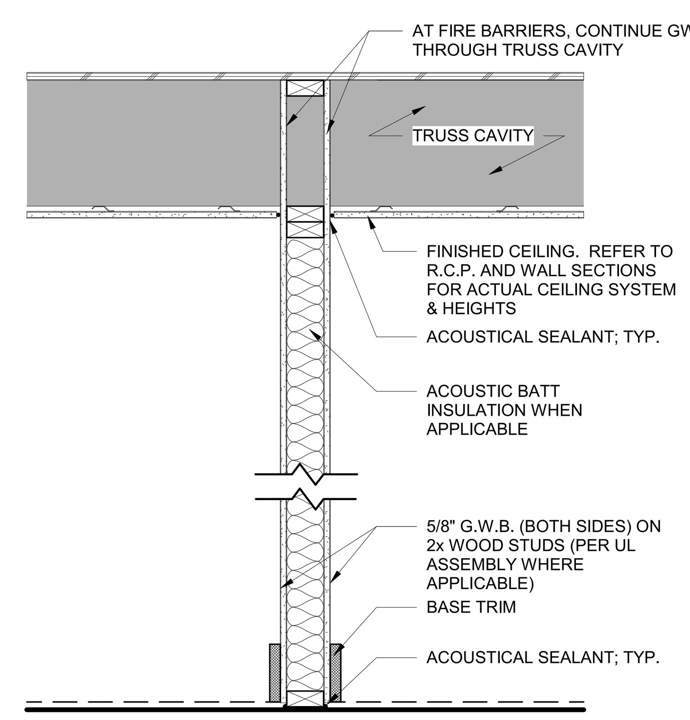
1X W9B
- U.L. U305 (1-HR)
- 5/8" TYPE "X" GWB ON BOTH SIDES FULL HEIGHT
- 2x4 WD STUDS - SEE STRUCT. FOR SPACING
- 1 1/2" AIR SPACE
- 2X4 WD STUDS - SEE STRUCT. FOR SPACING
- 5/8" TYPE "X" GWB ON BOTH SIDES FULL HEIGHT

1X W13B - SAME AS W9B-1X WITH 2X6 STUDS

1X W9B S
- U.L. U305 (1-HR)
- 5/8" TYPE "X" GWB ON BOTH SIDES FULL HEIGHT
- 2x4 WD STUDS - SEE STRUCT. FOR SPACING
- 3 1/2" ACOUSTIC BATT INSULATION FULL HEIGHT
- 1 1/2" AIR SPACE
- 3 1/2" ACOUSTIC BATT INSULATION FULL HEIGHT
- 2X4 WD STUDS - SEE STRUCT. FOR SPACING
- 5/8" TYPE "X" GWB ON BOTH SIDES FULL HEIGHT

1X W13B S - SAME AS W9B-1X-S WITH 2X6 STUDS

W_B 3
1" = 1'-0"



(NON RATED FOR NON BEARING INTERIOR UNIT WALLS)
RATED FOR INTERIOR BEARING WALLS AND DRYER EXHAUST WALLS

W4B
- 2x4 WD STUDS - SEE STRUCT. FOR SPACING
- 5/8" GWB ON BOTH SIDES FULL HEIGHT

W6B - SAME AS W4B WITH 2x6 STUDS
W8B - SAME AS W4B WITH 2x8 STUDS

W4B S
- 2x4 WD STUDS - SEE STRUCT. FOR SPACING
- 5/8" GWB ON BOTH SIDES FULL HEIGHT
- 3 1/2" ACOUSTIC BATT INSULATION FULL HEIGHT

W6B S - SAME AS W4B-S WITH 2x6 STUDS
W8B S - SAME AS W4B-S WITH 2x8 STUDS

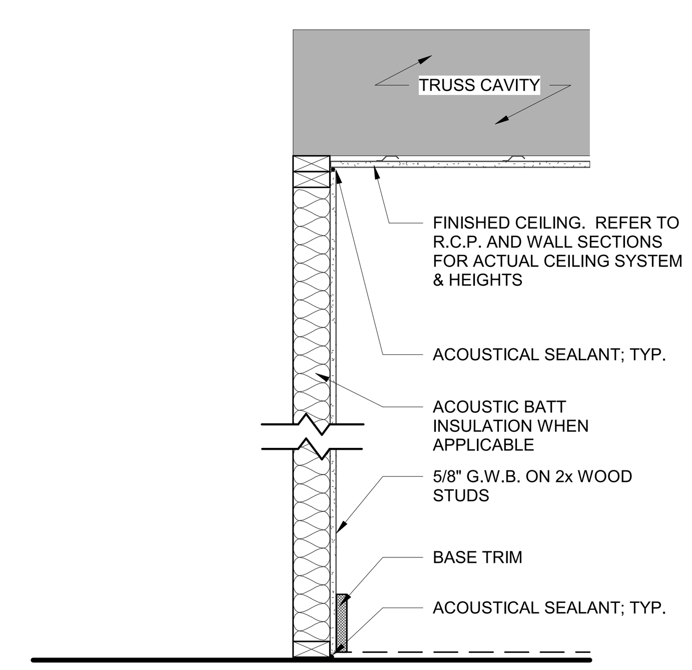
1X W4B
- U.L. U305 (1-HR)
- 2x4 WD STUDS - SEE STRUCT. FOR SPACING
- 5/8" TYPE "X" GWB ON BOTH SIDES FULL HEIGHT

1X W6B - SAME AS W4B-1X WITH 2x6 STUDS
1X W8B - SAME AS W4B-1X WITH 2x8 STUDS

1X W4B S
- U.L. U305 (1-HR)
- 2x4 WD STUDS - SEE STRUCT. FOR SPACING
- 5/8" TYPE "X" GWB ON BOTH SIDES FULL HEIGHT
- 3 1/2" ACOUSTIC BATT INSULATION FULL HEIGHT

1X W6B S - SAME AS W4B-1X-S WITH 2x6 STUDS
1X W8B S - SAME AS W4B-1X-S WITH 2x8 STUDS

W_B 2
1" = 1'-0"



(NON RATED FOR NON BEARING INTERIOR UNIT WALLS)
RATED FOR INTERIOR BEARING WALLS AND DRYER EXHAUST WALLS

W4A
- 2x4 WD STUDS - SEE STRUCT. FOR SPACING
- 5/8" GWB FULL HEIGHT

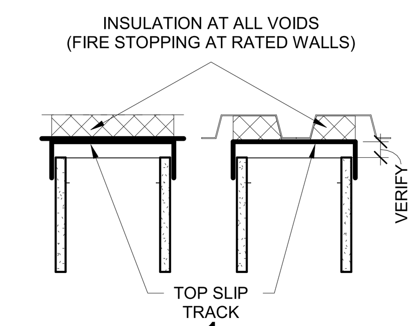
W6A - SAME AS W4A WITH 2x6 STUDS
W8A - SAME AS W4A WITH 2x8 STUDS

W4A S
- 2x4 WD STUDS - SEE STRUCT. FOR SPACING
- 3 1/2" ACOUSTIC BATT INSULATION FULL HEIGHT
- 5/8" GWB FULL HEIGHT

W6A S - SAME AS W4A-S WITH 2x6 STUDS
W8A S - SAME AS W4A-S WITH 2x8 STUDS

W_A 1
1" = 1'-0"

HEAD CONDITIONS



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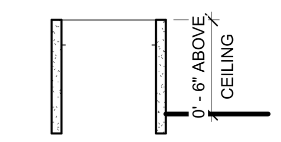

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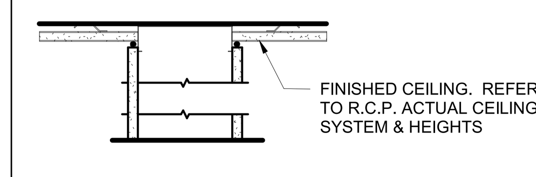

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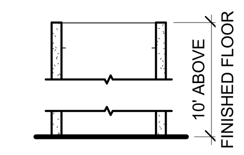

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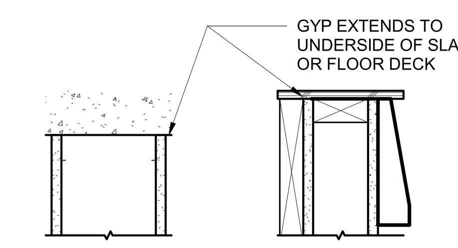


FB- FIRE BARRIER

PARTITION ASSEMBLY

FIRST CHARACTER: CONSTRUCTION MATERIAL
C - Concrete
M - CMU
S - Steel
W - Wood

SECOND CHARACTER: STRUCTURE DEPTH

Concrete	Masonry	Steel	Wood
		0 - 7/8"	
1 - 1"		**1** - 1 1/2"	
2 - 2"		**2** - 2 1/2"	
3 - 3"		**3** - 3 5/8"	
4 - 4"	**4** - 3 5/8"	**4** - 4"	**4** - 3 1/2"
		5 - 5 1/2"	
6 - 6"	**6** - 5 5/8"	**6** - 6"	**6** - 5 1/2"
8 - 8"	**8** - 7 5/8"	**8** - 8"	**8** - 7 1/4"
		9 - 8 3/4"	**9** - 8 1/2"
10 - 10"	**10** - 9 5/8"	**10** - 10 3/4"	
			11 - 10 1/2"
12 - 12"	**12** - 11 5/8"		
		13 - 1' - 1 1/2"	**13** - 1' - 0 1/2"
		15 - 1' - 3 1/2"	**15** - 1' - 2 1/2"

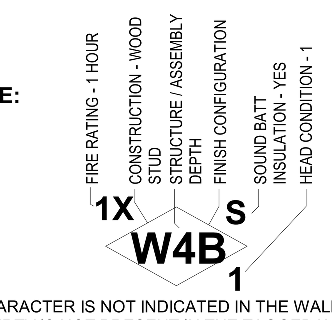
THIRD CHARACTER: FINISH CONFIGURATION
A. Gyp Board, one side
B. Gyp Board, two sides
C. Gyp Board, two on each side
D. Gyp Board, three on each side
E. Gyp Board, two on one side
F. Gyp Board, two on one side, one on other
G. Gyp Board, three on one side
H. Gyp Board, three on one side, two on other
I. Not used
J. Gyp Board, one on each side, sheathing on one side
K. Gyp Board, one on each side, resilient channel on one side
L. Gyp Board two on each side, one on each interior side of studs
M. Gyp Board 2" gyp liners on one side or between studs in building separation instance, one layer gyp board on outside of wall
N. Gyp Board 1"gyp liner on shaft side, two layers gyp board on other side
O Not Used
P Gyp Board 1" gyp liner on shaft side, one layer gyp board on other side
Q Gyp Board, one on each side, precast autoclaved aerated concrete panel between studs.

FIRE RATING: IF CHARACTER IS PRESENT WALL IS FIRE RATED, SEE WALL ASSEMBLY FOR U.L. ASSEMBLY NUMBER
__ = NOT RATED
1X = 1 HOUR RATED
2X = 2 HOUR RATED
3X = 3 HOUR RATED

SOUND BATT INSULATION: SEE SPECIFICATIONS FOR STC RATING REQUIREMENTS
_ = NO SOUND BATT INSULATION
S = SOUND BATT INSULATION

HEAD CONDITION: IF APPLICABLE SEE DIAGRAMS FOR HEAD CONDITIONS

EXAMPLE:



NOTE: IF CHARACTER IS NOT INDICATED IN THE WALL TAG, THAT PROPERTY IS NOT PRESENT IN THE TAGGED WALL

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919/836-1280 FAX
ClineDesignAssoc.com

CRESCENT COMMUNITIES
NOVEL CARY
CARY, NC

NOT FOR CONSTRUCTION

DD SET

PROJECT:	018229
DATE:	04.24.2020
REVISIONS:	DATE

DRAWN BY: LL
CHECKED BY: LL

PARTITION TYPES

G1.30

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