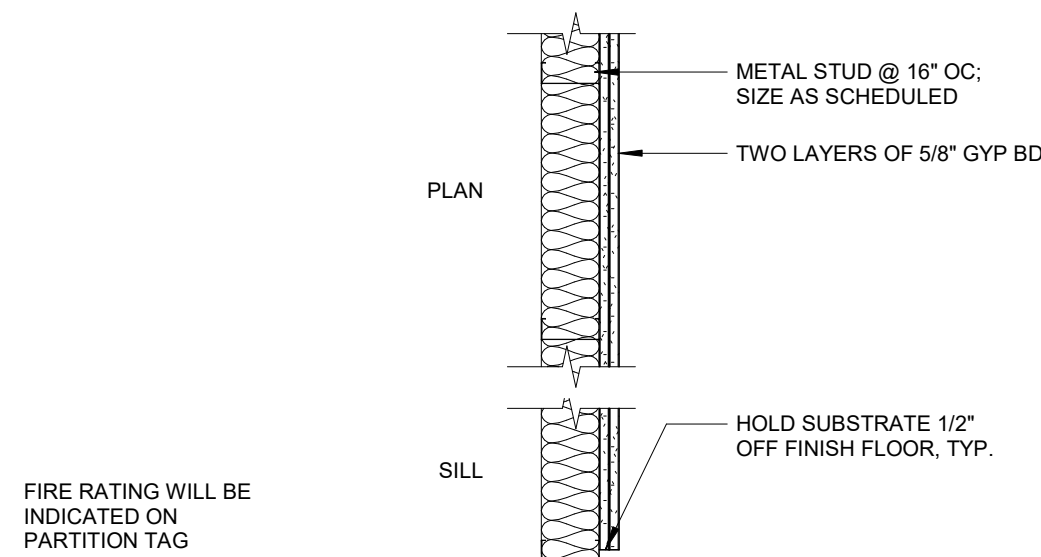


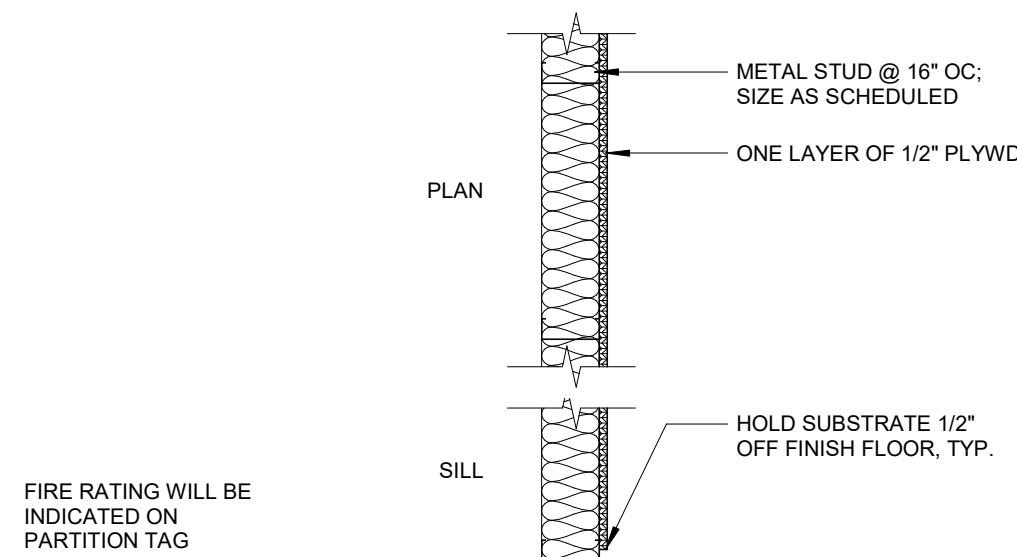
| TAG | STUD WIDTH | OVERALL WIDTH | UL ASSEMBLY | STC  |
|-----|------------|---------------|-------------|------|
| Mc1 | 1-5/8"     | 2-1/4"        | ----        | ---- |
| Mc2 | 2-1/2"     | 3-1/8"        | ----        | ---- |
| Mc3 | 3-5/8"     | 4-1/4"        | ----        | ---- |
| Mc4 | 4"         | 4-5/8"        | ----        | ---- |
| Mc6 | 6"         | 6-5/8"        | ----        | ---- |
| Mc8 | 8"         | 8-5/8"        | ----        | ---- |

1 PARTITION TYPE-Mc  
1" = 1'-0"



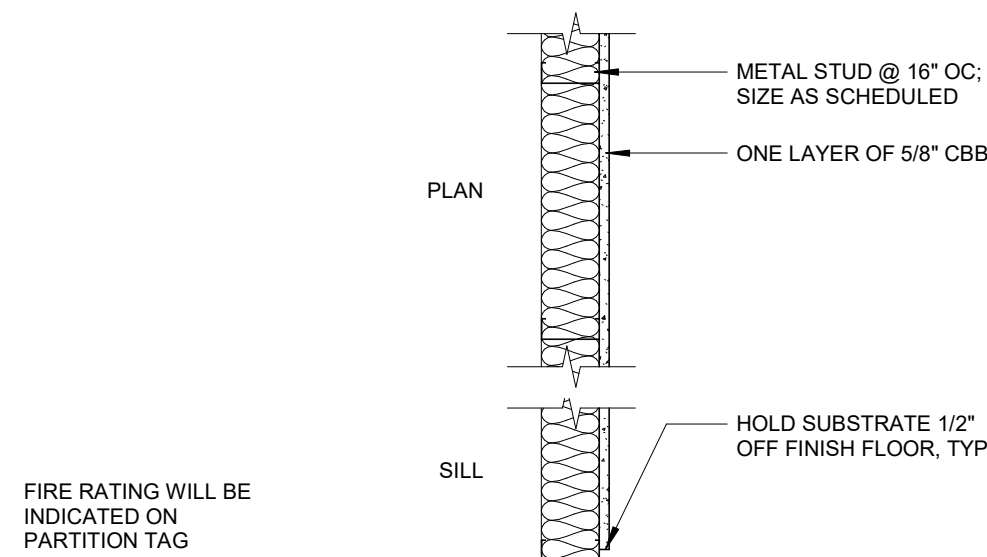
| TAG | STUD WIDTH | OVERALL WIDTH | UL ASSEMBLY | STC  |
|-----|------------|---------------|-------------|------|
| Md1 | 1-5/8"     | 2-7/8"        | ----        | ---- |
| Md2 | 2-1/2"     | 3-3/4"        | ----        | ---- |
| Md3 | 3-5/8"     | 4-7/8"        | V497-1 HR   | ---- |
| Md4 | 4"         | 5-1/4"        | ----        | ---- |
| Md6 | 6"         | 7-1/4"        | ----        | ---- |
| Md8 | 8"         | 9-1/4"        | ----        | ---- |

2 PARTITION TYPE-Md  
1" = 1'-0"



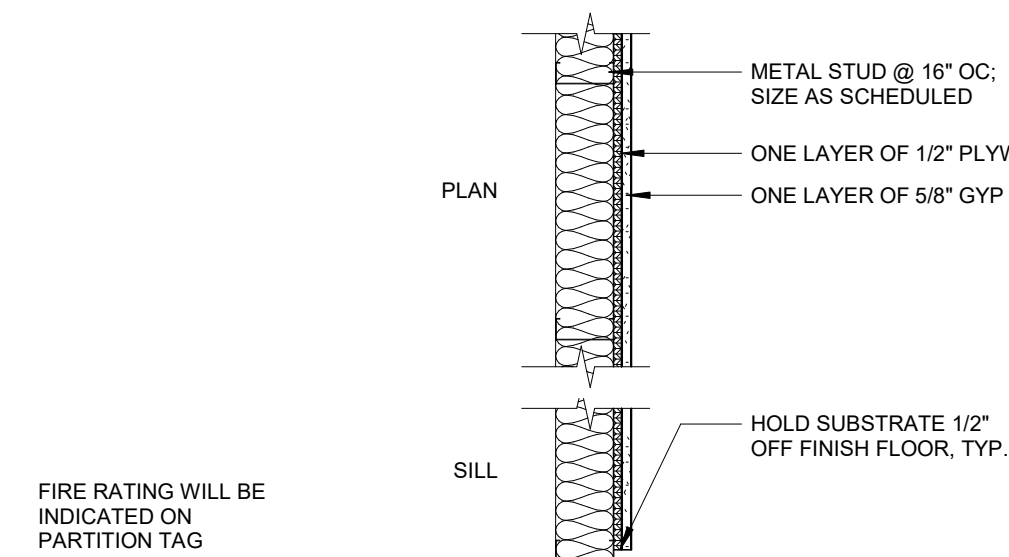
| TAG | STUD WIDTH | OVERALL WIDTH | UL ASSEMBLY | STC  |
|-----|------------|---------------|-------------|------|
| Mg1 | 1-5/8"     | 2-1/8"        | ----        | ---- |
| Mg2 | 2-1/2"     | 3"            | ----        | ---- |
| Mg3 | 3-5/8"     | 4-1/8"        | ----        | ---- |
| Mg4 | 4"         | 4-1/2"        | ----        | ---- |
| Mg6 | 6"         | 6-1/2"        | ----        | ---- |
| Mg8 | 8"         | 8-1/2"        | ----        | ---- |

3 PARTITION TYPE-Mg  
1" = 1'-0"



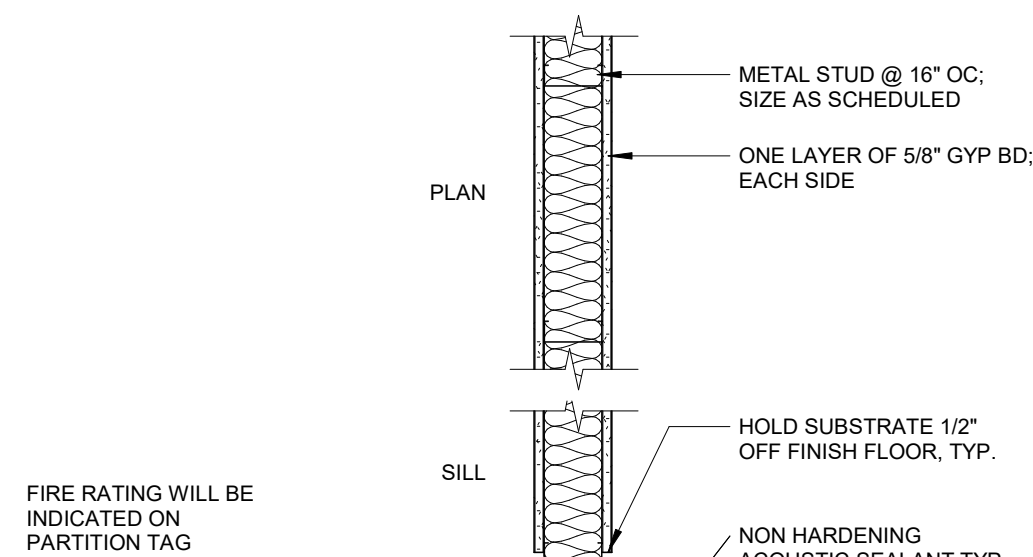
| TAG | STUD WIDTH | OVERALL WIDTH | UL ASSEMBLY | STC  |
|-----|------------|---------------|-------------|------|
| Mk1 | 1-5/8"     | 2-1/4"        | ----        | ---- |
| Mk2 | 2-1/2"     | 3-1/8"        | ----        | ---- |
| Mk3 | 3-5/8"     | 4-1/4"        | ----        | ---- |
| Mk4 | 4"         | 4-5/8"        | ----        | ---- |
| Mk6 | 6"         | 6-5/8"        | ----        | ---- |
| Mk8 | 8"         | 8-5/8"        | ----        | ---- |

4 PARTITION TYPE-Mk  
1" = 1'-0"



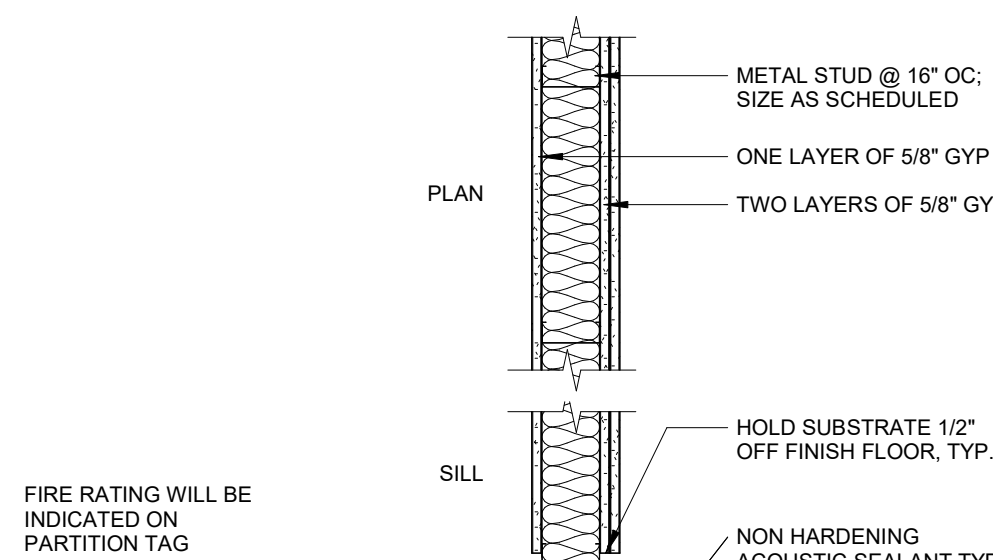
| TAG | STUD WIDTH | OVERALL WIDTH | UL ASSEMBLY | STC  |
|-----|------------|---------------|-------------|------|
| Mn1 | 1-5/8"     | 2-3/4"        | ----        | ---- |
| Mn2 | 2-1/2"     | 3-5/8"        | ----        | ---- |
| Mn3 | 3-5/8"     | 4-3/4"        | ----        | ---- |
| Mn4 | 4"         | 5-1/8"        | ----        | ---- |
| Mn6 | 6"         | 7-1/8"        | ----        | ---- |
| Mn8 | 8"         | 9-1/8"        | ----        | ---- |

5 PARTITION TYPE-Mn  
1" = 1'-0"



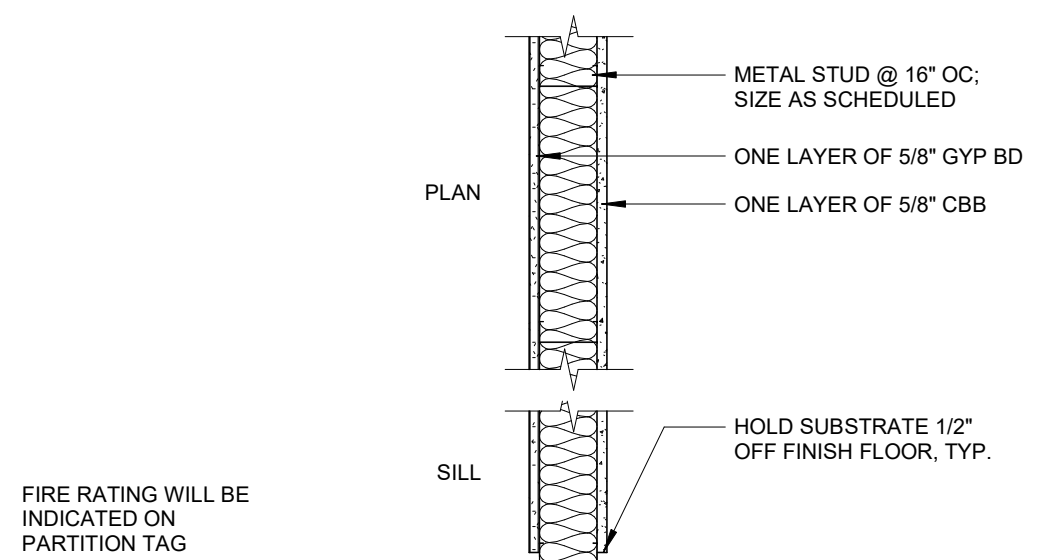
| TAG   | STUD WIDTH | OVERALL WIDTH | UL ASSEMBLY | STC  |
|-------|------------|---------------|-------------|------|
| Mcc2  | 2-1/2"     | 3-3/4"        | ----        | ---- |
| Mcc3  | 3-5/8"     | 4-7/8"        | U419        | 40   |
| Mcc4  | 4"         | 5-1/4"        | ----        | ---- |
| Mcc6  | 6"         | 7-1/4"        | ----        | ---- |
| Mcc8  | 8"         | 9-1/4"        | U419        | ---- |
| Mcc10 | 10"        | 11-1/4"       | U419        | ---- |

6 PARTITION TYPE-Mcc  
1" = 1'-0"



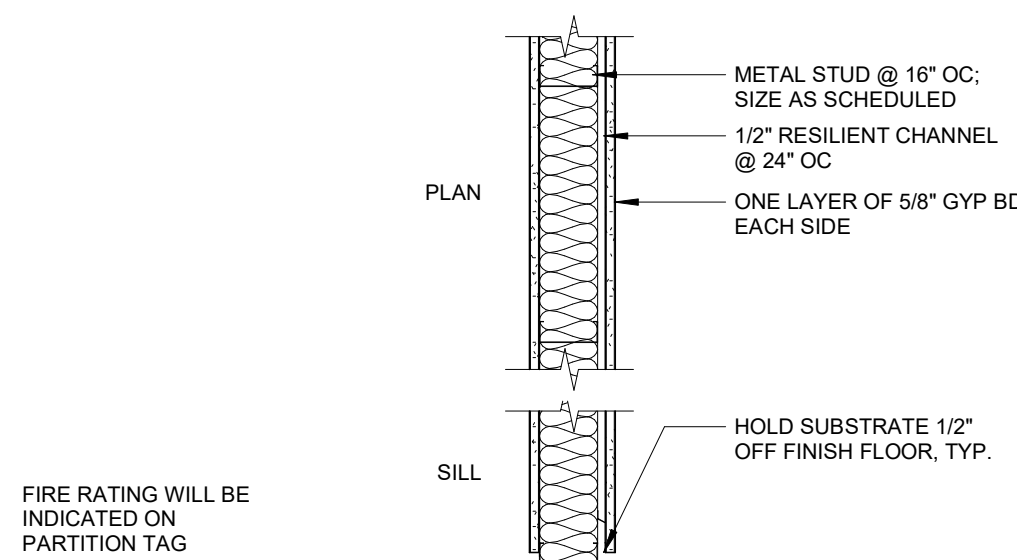
| TAG   | STUD WIDTH | OVERALL WIDTH | UL ASSEMBLY | STC  |
|-------|------------|---------------|-------------|------|
| Mcd3  | 3-5/8"     | 5-1/2"        | U419        | 45   |
| Mcd4  | 4"         | 5-7/8"        | ----        | ---- |
| Mcd6  | 6"         | 7-7/8"        | ----        | ---- |
| Mcd8  | 8"         | 9-7/8"        | ----        | ---- |
| Mcd10 | 10"        | 11-7/8"       | ----        | ---- |

7 PARTITION TYPE-Mcd  
1" = 1'-0"



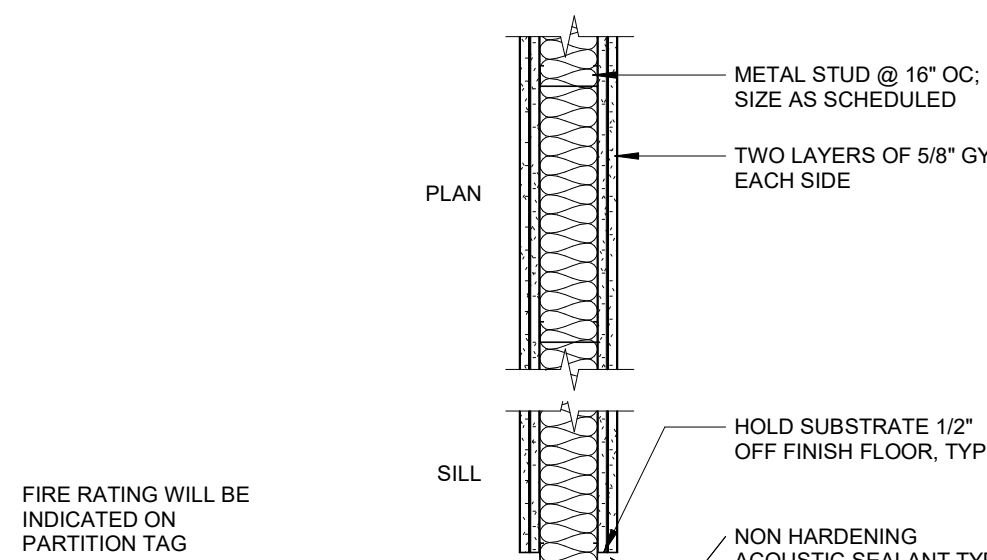
| TAG  | STUD WIDTH | OVERALL WIDTH | UL ASSEMBLY | STC  |
|------|------------|---------------|-------------|------|
| Mck1 | 1-5/8"     | 2-7/8"        | ----        | ---- |
| Mck2 | 2-1/2"     | 3-3/4"        | ----        | ---- |
| Mck3 | 3-5/8"     | 4-7/8"        | ----        | ---- |
| Mck4 | 4"         | 5-1/4"        | ----        | ---- |
| Mck6 | 6"         | 7-1/4"        | ----        | ---- |
| Mck8 | 8"         | 9-1/4"        | ----        | ---- |

8 PARTITION TYPE-Mck  
1" = 1'-0"



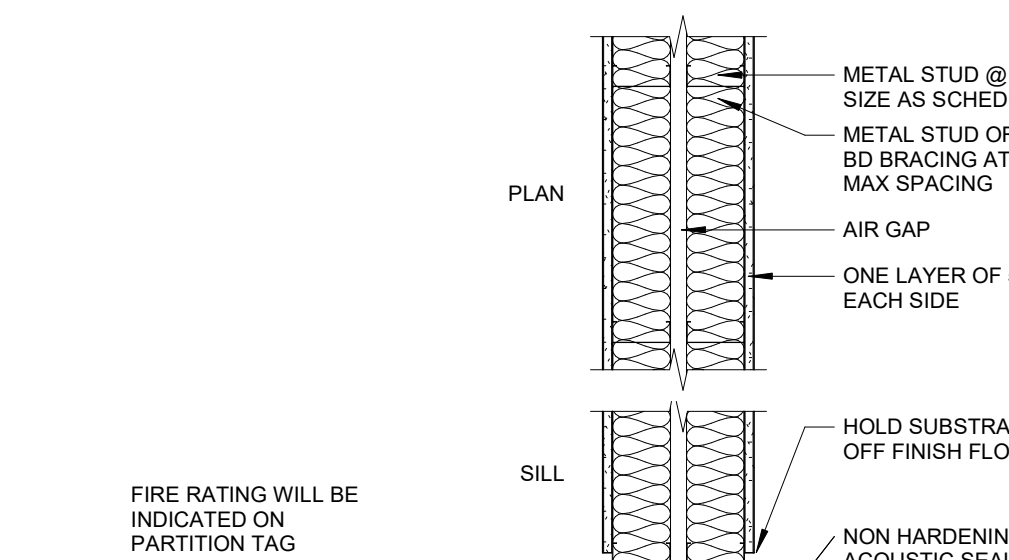
| TAG  | STUD WIDTH | OVERALL WIDTH | UL ASSEMBLY | STC  |
|------|------------|---------------|-------------|------|
| Mcv1 | 1-5/8"     | 3-3/8"        | ----        | ---- |
| Mcv2 | 2-1/2"     | 4-1/4"        | ----        | ---- |
| Mcv3 | 3-5/8"     | 5-3/8"        | ----        | ---- |
| Mcv4 | 4"         | 5-3/4"        | ----        | ---- |
| Mcv6 | 6"         | 7-3/4"        | ----        | ---- |
| Mcv8 | 8"         | 9-3/4"        | ----        | ---- |

9 PARTITION TYPE-Mcv  
1" = 1'-0"



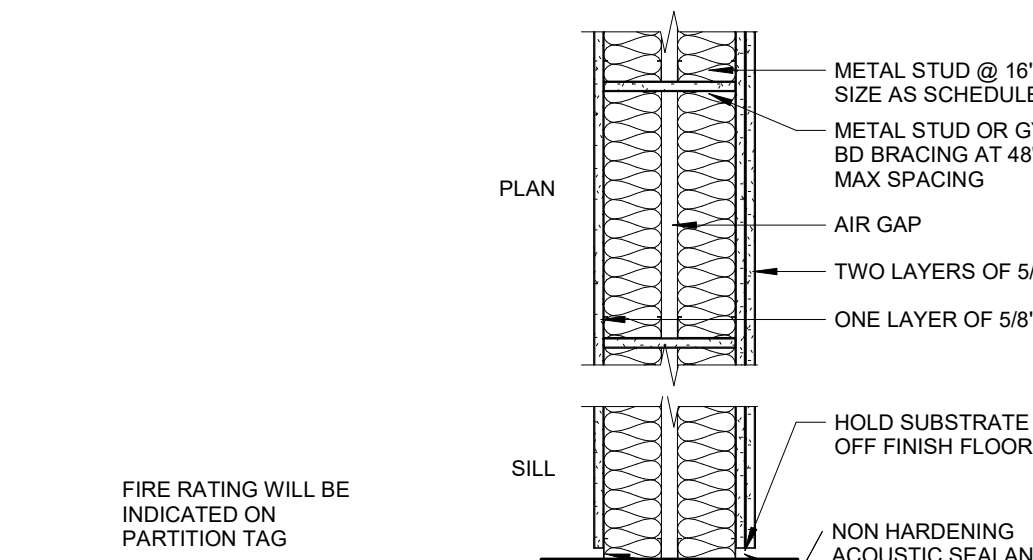
| TAG   | STUD WIDTH | OVERALL WIDTH | UL ASSEMBLY | STC  |
|-------|------------|---------------|-------------|------|
| Mdd2  | 2-1/2"     | 5"            | ----        | ---- |
| Mdd3  | 3-5/8"     | 6-1/8"        | U419-2 HR   | ---- |
| Mdd4  | 4"         | 6-1/2"        | U419-2 HR   | ---- |
| Mdd6  | 6"         | 8-1/2"        | U419-2 HR   | ---- |
| Mdd8  | 8"         | 10-1/2"       | U419-2 HR   | ---- |
| Mdd10 | 10"        | 12-1/2"       | U419-2 HR   | ---- |

10 PARTITION TYPE-Mdd  
1" = 1'-0"



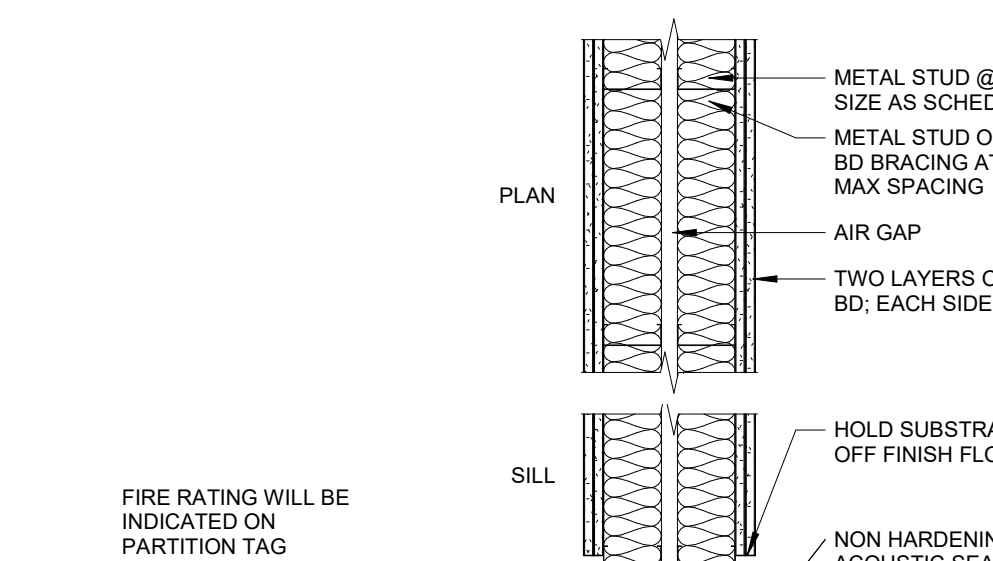
| TAG   | STUD WIDTH | AIR GAP | OVERALL WIDTH | UL ASSEMBLY | STC  |
|-------|------------|---------|---------------|-------------|------|
| MMcc1 | 1-5/8"     | 1"      | 6-3/4"        | ----        | ---- |
| MMcc2 | 2-1/2"     | 1"      | 8-1/2"        | ----        | ---- |
| MMcc3 | 3-5/8"     | 1"      | 10-3/4"       | ----        | 55   |
| MMcc4 | 4"         | 1"      | 11-1/2"       | ----        | ---- |
| MMcc6 | 6"         | 1"      | 15-1/2"       | ----        | ---- |

11 PARTITION TYPE-MMcc  
1" = 1'-0"



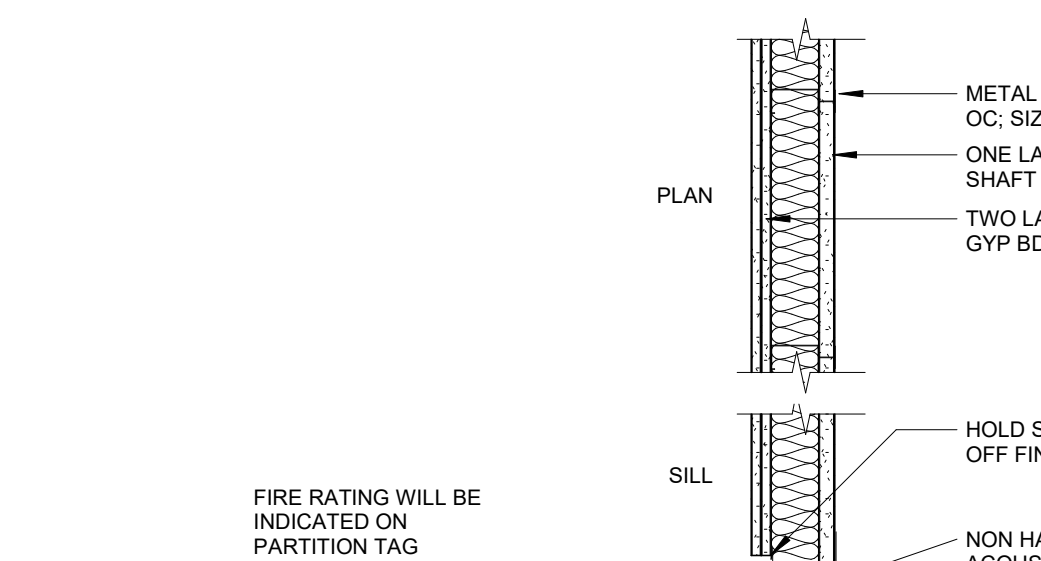
| TAG   | STUD WIDTH | AIR GAP | OVERALL WIDTH | UL ASSEMBLY | STC  |
|-------|------------|---------|---------------|-------------|------|
| MMcd1 | 1-5/8"     | 1"      | 6-3/4"        | ----        | ---- |
| MMcd2 | 2-1/2"     | 1"      | 8-1/2"        | ----        | ---- |
| MMcd3 | 3-5/8"     | 1"      | 10-3/4"       | ----        | 60   |
| MMcd4 | 4"         | 1"      | 11-1/2"       | ----        | ---- |
| MMcd6 | 6"         | 1"      | 15-1/2"       | ----        | ---- |

12 PARTITION TYPE-MMcd  
1" = 1'-0"



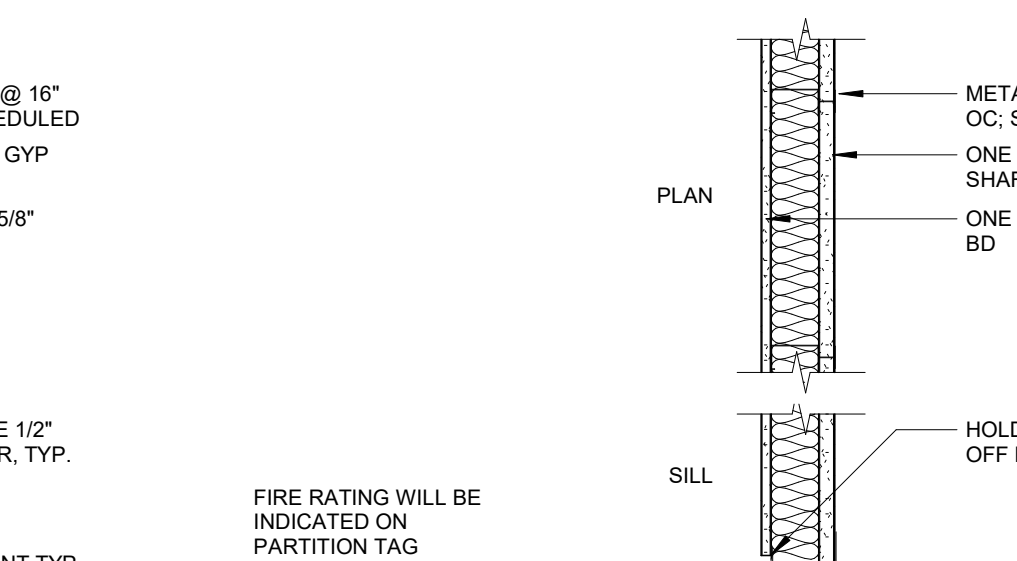
| TAG   | STUD WIDTH | AIR GAP | OVERALL WIDTH | UL ASSEMBLY | STC  |
|-------|------------|---------|---------------|-------------|------|
| MMdd1 | 1-5/8"     | 1"      | 6-1/8"        | ----        | ---- |
| MMdd2 | 2-1/2"     | 1"      | 7-7/8"        | ----        | ---- |
| MMdd3 | 3-5/8"     | 1"      | 10-1/8"       | U493-1 HR   | 60   |
| MMdd4 | 4"         | 1"      | 10-7/8"       | ----        | ---- |
| MMdd6 | 6"         | 1"      | 15-1/2"       | ----        | ---- |

13 PARTITION TYPE-MMdd  
1" = 1'-0"



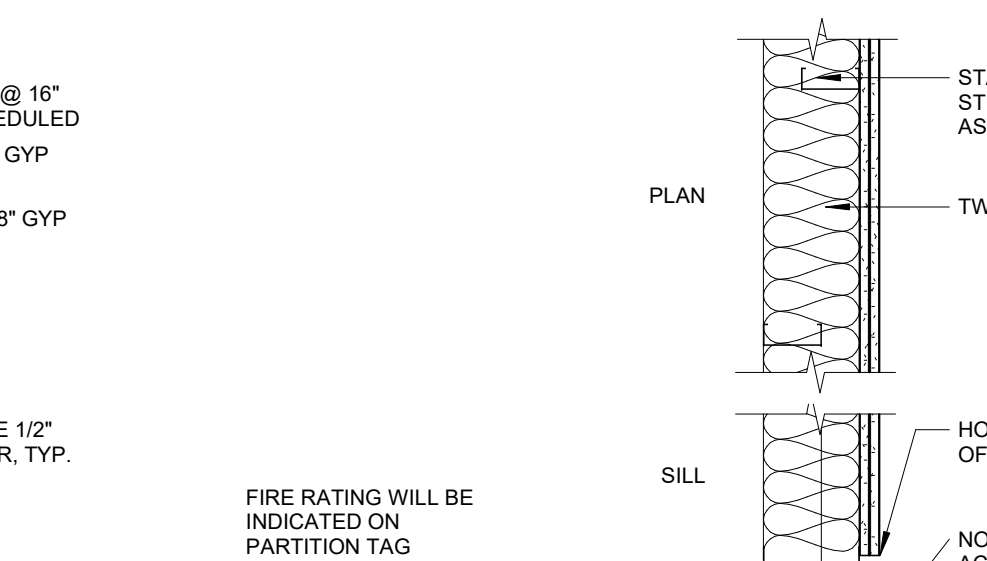
| TAG  | STUD WIDTH | OVERALL WIDTH | UL ASSEMBLY | STC  |
|------|------------|---------------|-------------|------|
| Ssd2 | 2-1/2"     | 3-3/4"        | U415-2HR    | ---- |
| Ssd4 | 4"         | 4-5/8"        | U415-2HR    | 50   |
| Ssd6 | 6"         | 6-5/8"        | U415-2HR    | 50   |

14 PARTITION TYPE-Ssd  
1" = 1'-0"



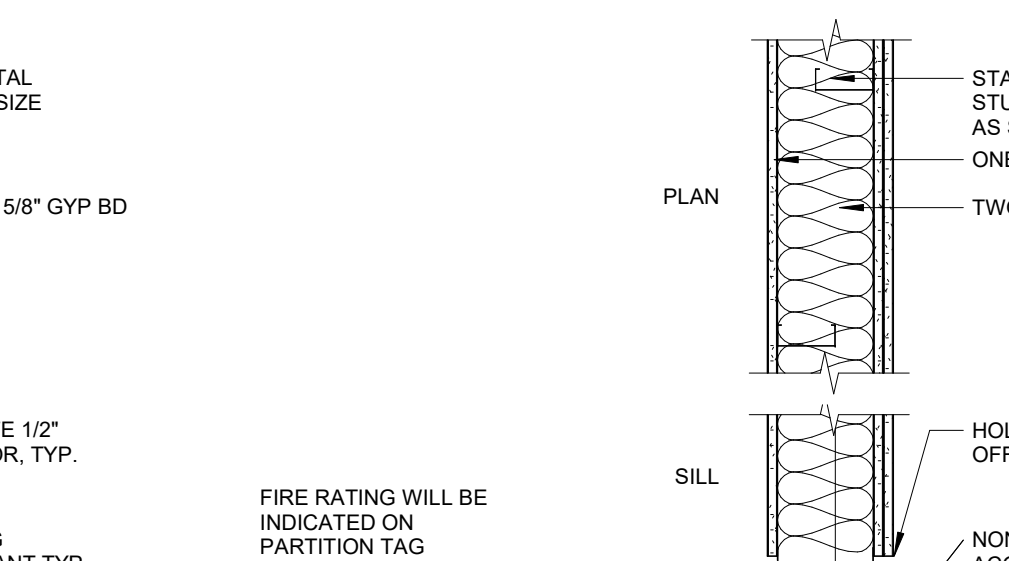
| TAG  | STUD WIDTH | OVERALL WIDTH | UL ASSEMBLY | STC  |
|------|------------|---------------|-------------|------|
| Ssc3 | 3-5/8"     | 5-1/4"        | U415-1HR    | ---- |
| Ssc4 | 4"         | 5-5/8"        | U415-1HR    | ---- |
| Ssc6 | 6"         | 7-5/8"        | U415-1HR    | ---- |

15 PARTITION TYPE-Ssc  
1" = 1'-0"



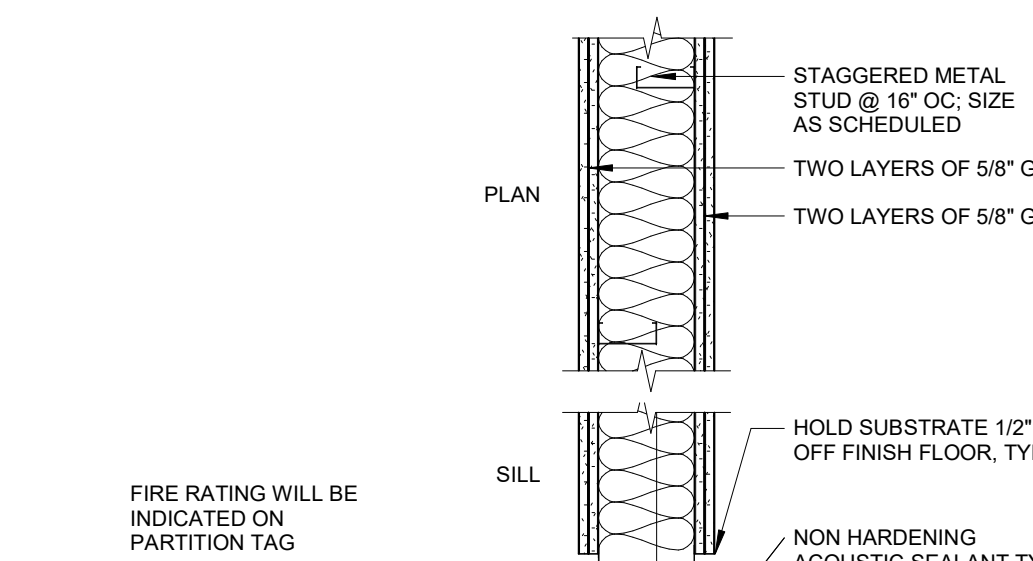
| TAG  | STUD WIDTH | OVERALL WIDTH | UL ASSEMBLY | STC |
|------|------------|---------------|-------------|-----|
| SGd3 | 3-5/8"     | 4-7/8"        | ----        | 55  |
| SGd6 | 6"         | 7-1/4"        | ----        | 55  |

16 PARTITION TYPE-SGd  
1" = 1'-0"



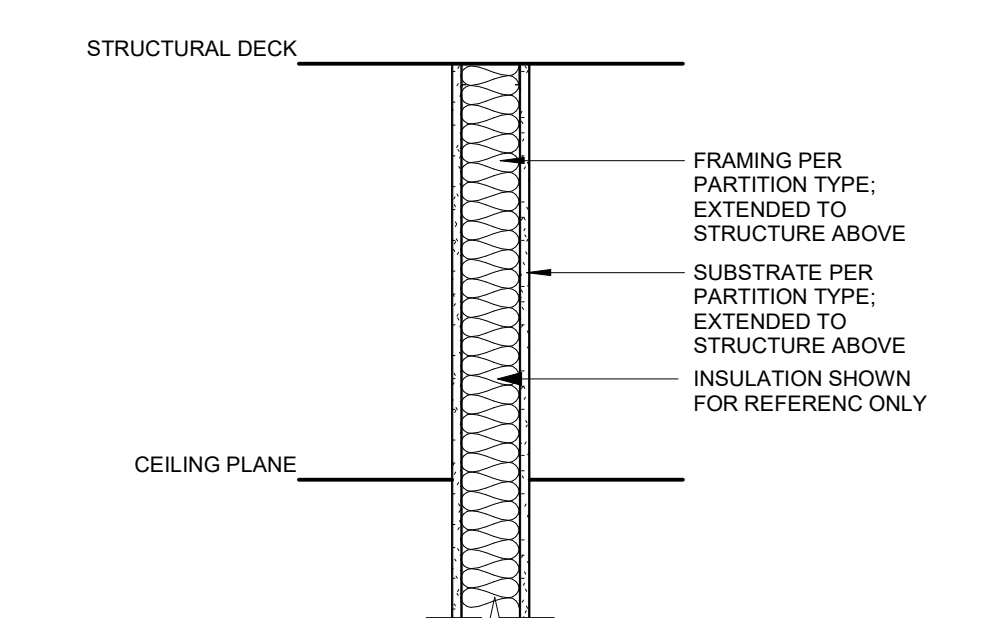
| TAG   | STUD WIDTH | OVERALL WIDTH | UL ASSEMBLY | STC |
|-------|------------|---------------|-------------|-----|
| SGcd3 | 3-5/8"     | 5-1/2"        | ----        | 55  |
| SGcd6 | 6"         | 7-7/8"        | U438        | 55  |

17 PARTITION TYPE-SGcd  
1" = 1'-0"

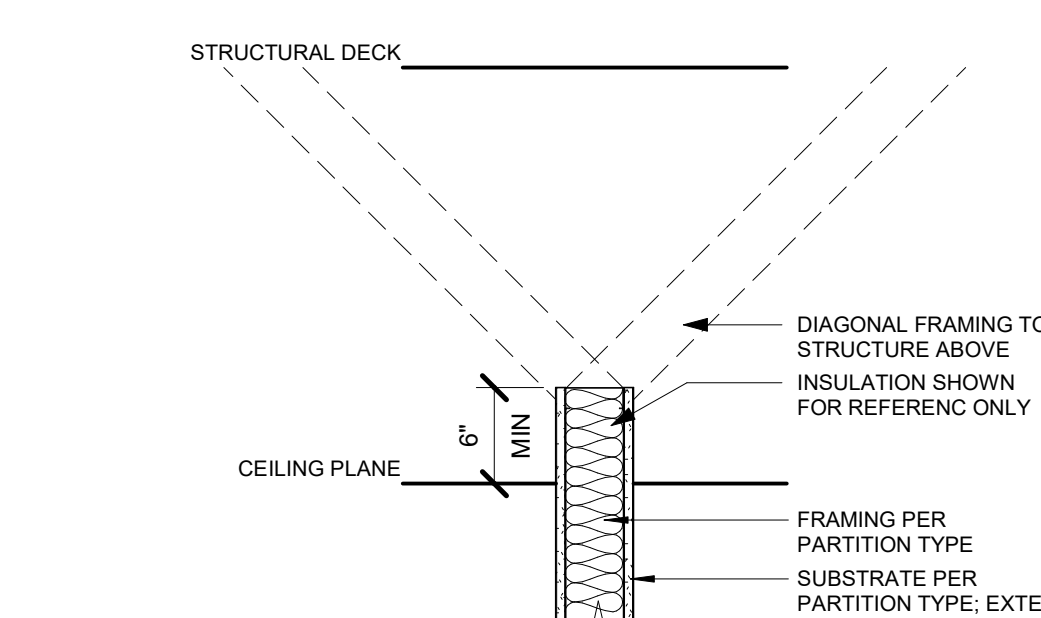


| TAG   | STUD WIDTH | OVERALL WIDTH | UL ASSEMBLY | STC |
|-------|------------|---------------|-------------|-----|
| SGdd3 | 3-5/8"     | 5-1/2"        | ----        | 55  |
| SGdd6 | 6"         | 7-7/8"        | ----        | 55  |

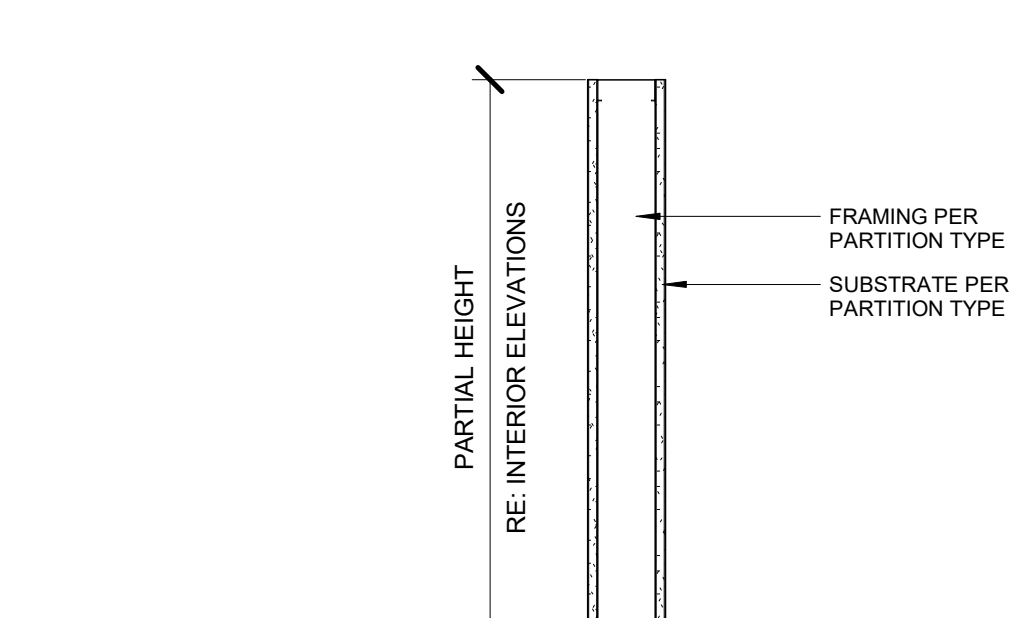
18 PARTITION TYPE-SGdd  
1" = 1'-0"



20 HEAD - 1 - TO STRUCTURE / DECK  
1" = 1'-0"



21 HEAD - 2 - ABOVE CEILING  
1" = 1'-0"



22 HEAD - 3 - PARTIAL HEIGHT  
1" = 1'-0"

PER IBC 703.5 Marking and Identification

Where there is an accessible concealed floor, floor-ceiling or attic space, fire walls, fire barriers, fire partitions, smoke barriers and smoke partitions or any other wall required to have protected openings or penetrations shall be effectively and permanently identified with signs or stenciling in the concealed space. Such identification shall:

1. Be located within 15 feet (4572 mm) of the end of each wall and at intervals not exceeding 30 feet (9144 mm) measured horizontally along the wall or partition.
2. Include lettering not less than 3 inches (76 mm) in height with a minimum 3/8-inch (9.5 mm) stroke in a contrasting color incorporating the suggested wording, "FIRE AND/OR SMOKE BARRIER—PROTECT ALL OPENINGS," or other wording.

CORE NOMINAL SIZE  
REFER TO PARTITION  
TYPES

SUBSTRATE  
DESIGNATOR  
SIDE 2

SUBSTRATE  
DESIGNATOR  
SIDE 1

CORE DESIGNATOR

FIRE RATING VALUE  
REFER TO UL ASSEMBLY  
(1 = 1 HR, 2 = 2 HR, S = SMOKE)

PARTITION TAG VALUE  
REFER TO PARTITION TYPES

1 Waa4

CORE DESIGNATOR

C CAST-IN-PLACE CONCRETE

G CONCRETE MASONRY UNIT (CMU), GROUTED

H CONCRETE MASONRY UNIT (CMU), HOLLOW

F METAL STUD FURRING

M METAL STUD FRAMING

MM METAL STUD FRAMING (DOUBLE ROWS WITH AIR GAP BETWEEN)

S METAL SHAFT FRAMING, CT STUD

SG STAGGERED METAL STUD FRAMING

W WOOD STUD FRAMING / WOOD FURRING

WW WOOD STUD FRAMING (DOUBLE ROWS WITH AIR GAP BETWEEN)

SUBSTRATE DESIGNATOR

a 1/2" GYP BD (1 LAYER)

b 1/2" GYP BD (2 LAYERS)

c 5/8" GYP BD (1 LAYER)

d 5/8" GYP BD (2 LAYERS)

e 5/8" GYP BD (3 LAYERS)

f 5/8" GYP BD (4 LAYERS)

g 1/2" PLYWD (1 LAYER)

h 3/4" PLYWD (1 LAYER)

i 1/2" CEM BD (1 LAYER)

j 1/2" CEM BD (2 LAYERS)

k 1/2" PLYWD, 5/8" GYP BD

m 1/2" PLYWD, 5/8" GYP BD

n 1/2" PLYWD, 5/8" GYP BD

o 1/2" PLYWD, 5/8" GYP BD

p 1" SHAFT LINER

q 1/2" RESILIENT CHANNEL, 5/8" GYP BD (1 LAYER)

r 1/2" RESILIENT CHANNEL, 5/8" GYP BD (2 LAYER)

s 1/2" RESILIENT CHANNEL, 5/8" GYP BD (3 LAYER)

-NONE- CORE ONLY, NO SUBSTRATE