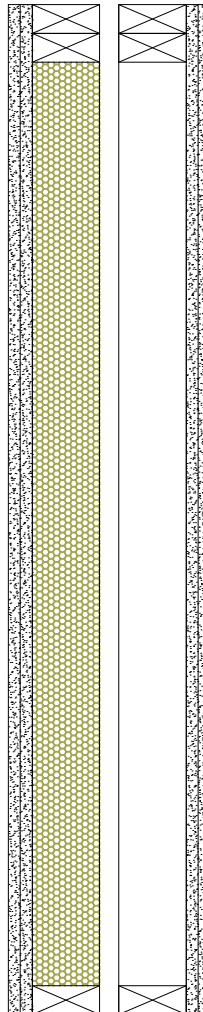


TOP VIEW

SECTION VIEW



ASSEMBLY:

- TWO LAYERS OF 5/8 IN. THICK GYPSUM BOARD APPLIED VERTICALLY
- MIN. 2 IN. X 4 IN. WOOD STUDS SPACED MAX. 16 IN. O.C.
- MIN. 1 IN. THICK AIR SPACE
- MIN. 2 IN. X 4 IN. WOOD STUDS SPACED MAX. 16 IN. O.C.
- 3-1/2 IN. THICK HBS SPRAY FOAM INSULATION
- TWO LAYERS OF 5/8 IN. THICK GYPSUM BOARD APPLIED VERTICALLY

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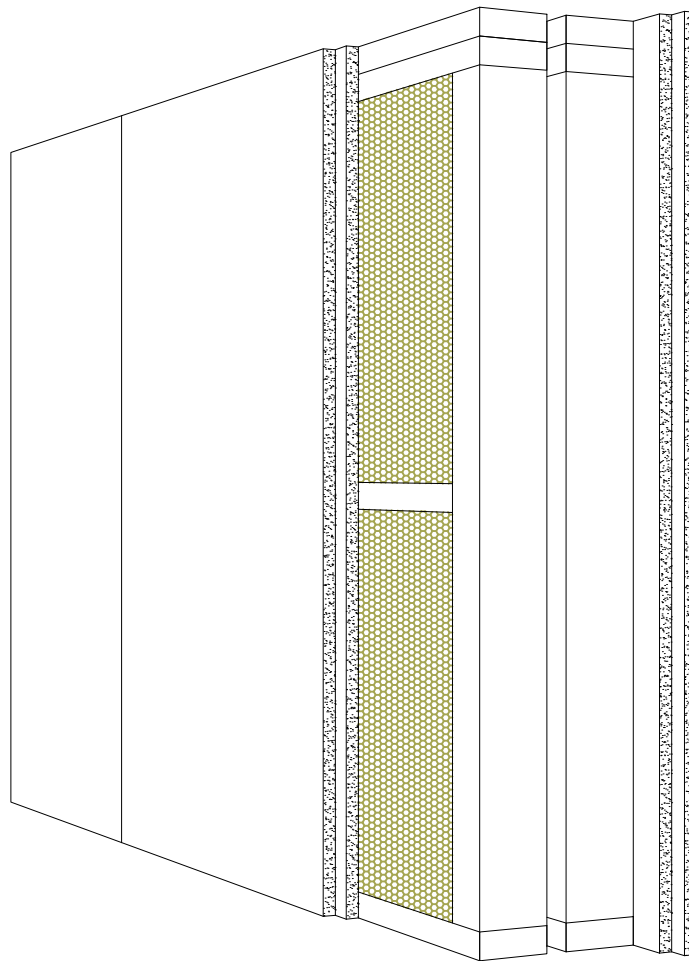
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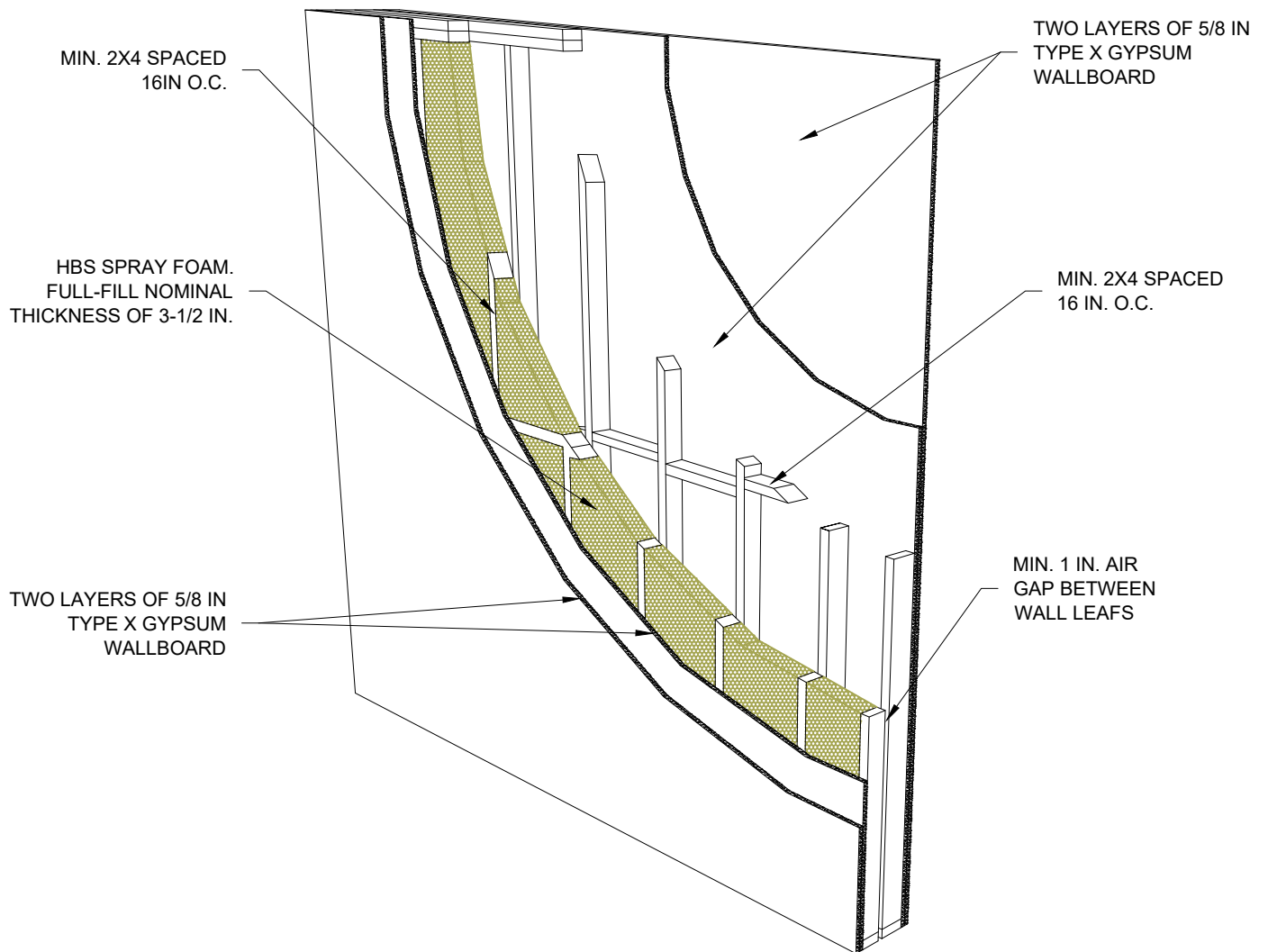
W-WALL SYSTEM SECTION AND TOP VIEW

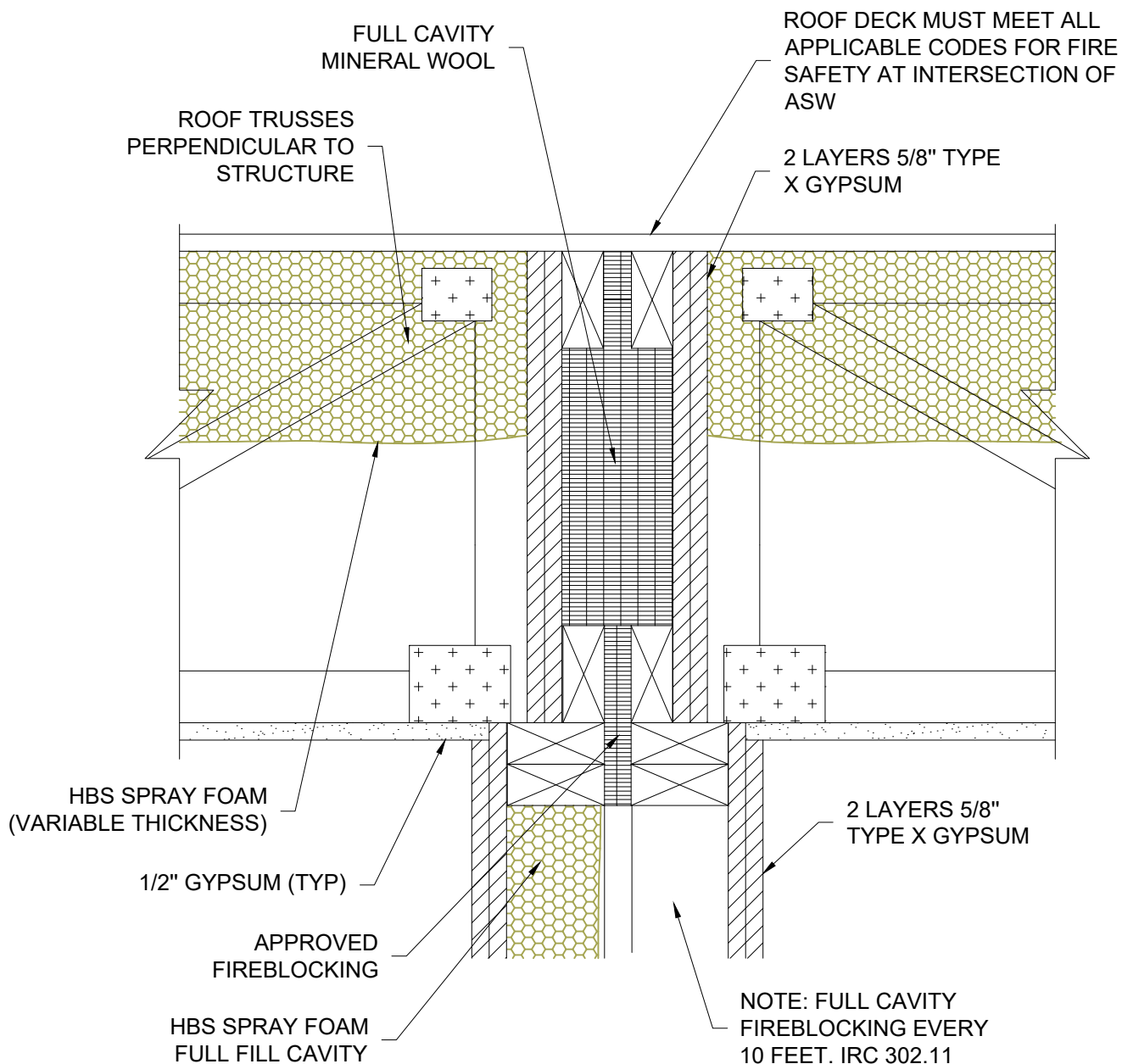
2 HOUR W-WALL SYSTEM

Page 1

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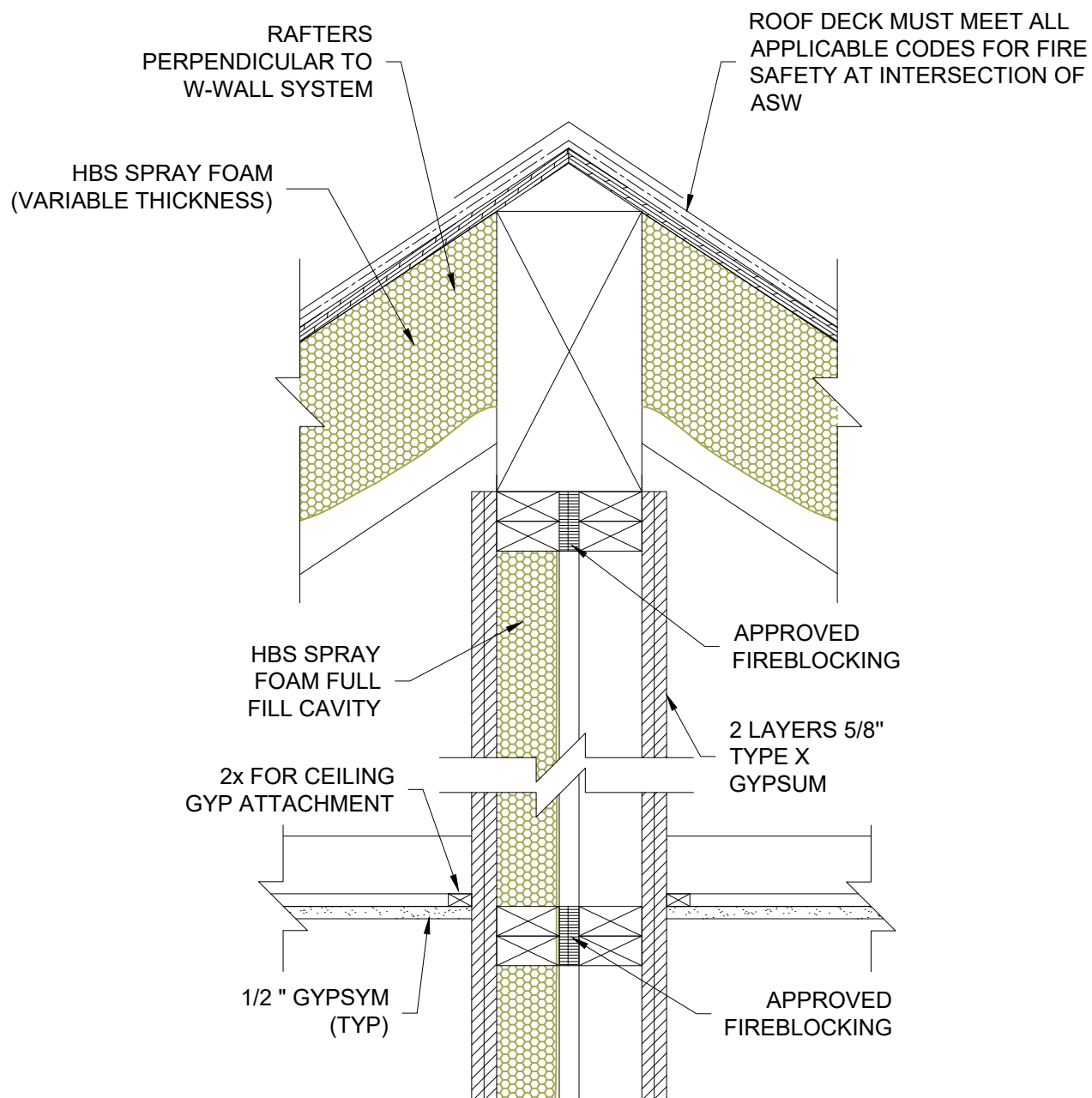






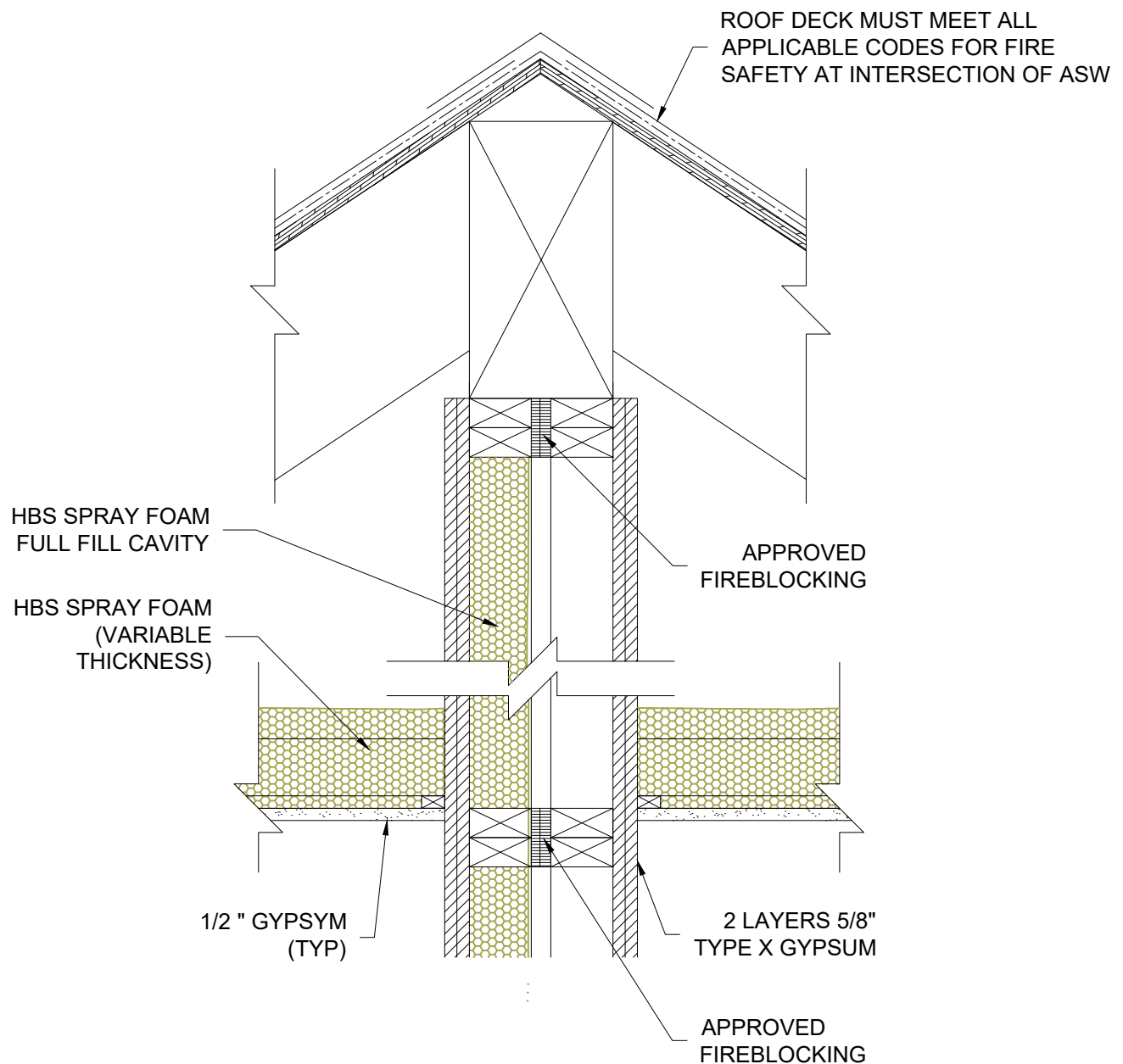
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RAFTERS PERPENDICULAR
TO W-WALL SYSTEM

HBS SPRAY FOAM
(VARIABLE
THICKNESS)

ROOF DECK MUST MEET ALL
APPLICABLE CODES FOR FIRE
SAFETY AT INTERSECTION OF
ASW

APPROVED
FIREBLOCKING

HBS SPRAY FOAM
FULL FILL CAVITY

1/2" GYPSUM (TYP)

2 LAYERS 5/8"
TYPE X GYPSUM

NOTE: FULL CAVITY
FIREBLOCKING EVERY
10 FEET. IRC 302.11

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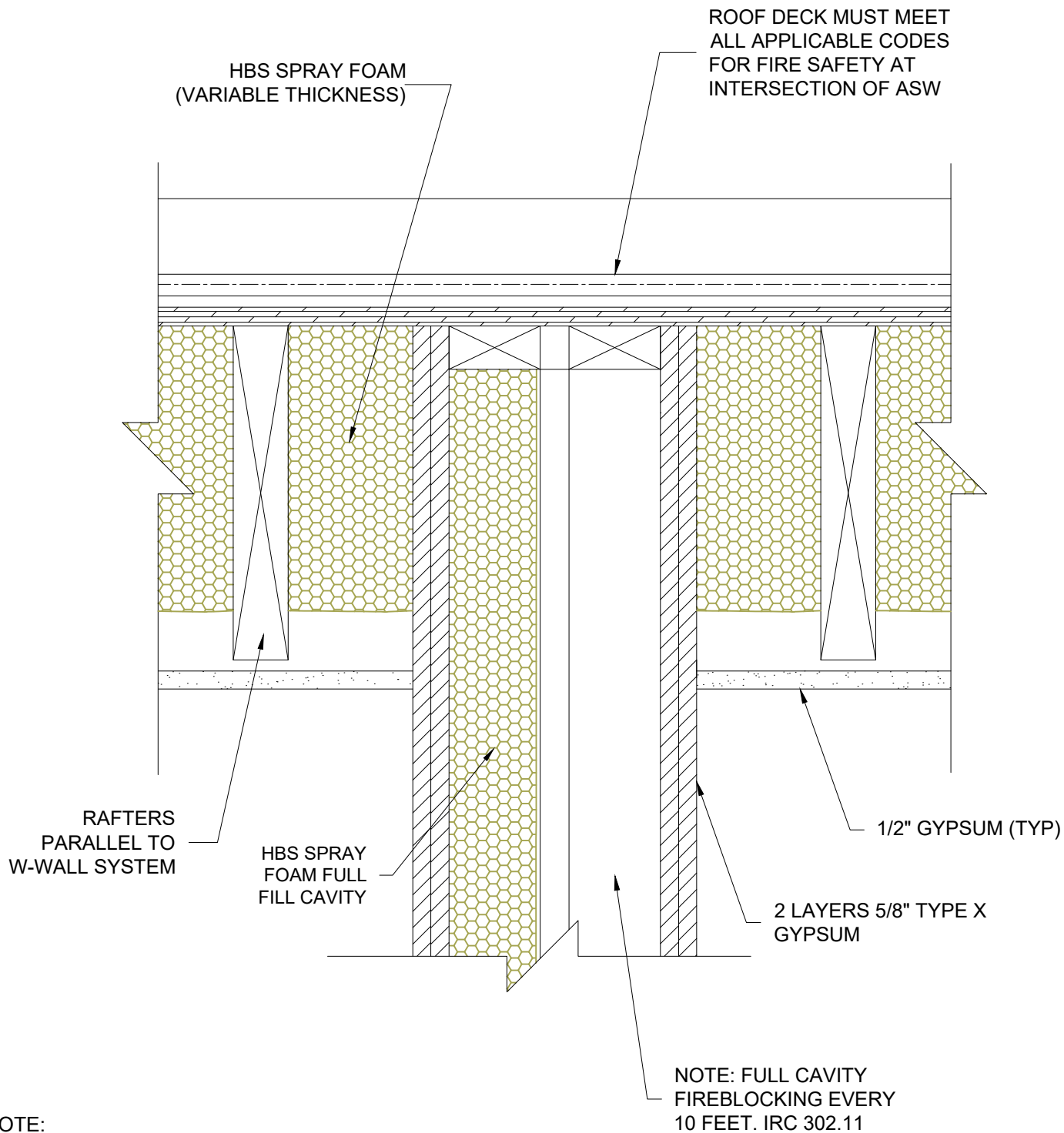
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TYPICAL DETAIL-UNVENTED CATHEDRAL ROOF
W-WALL SYSTEM PERPENDICULAR TO RAFTERS
2 HOUR W-WALL SYSTEM /
ATTIC TRANSITION

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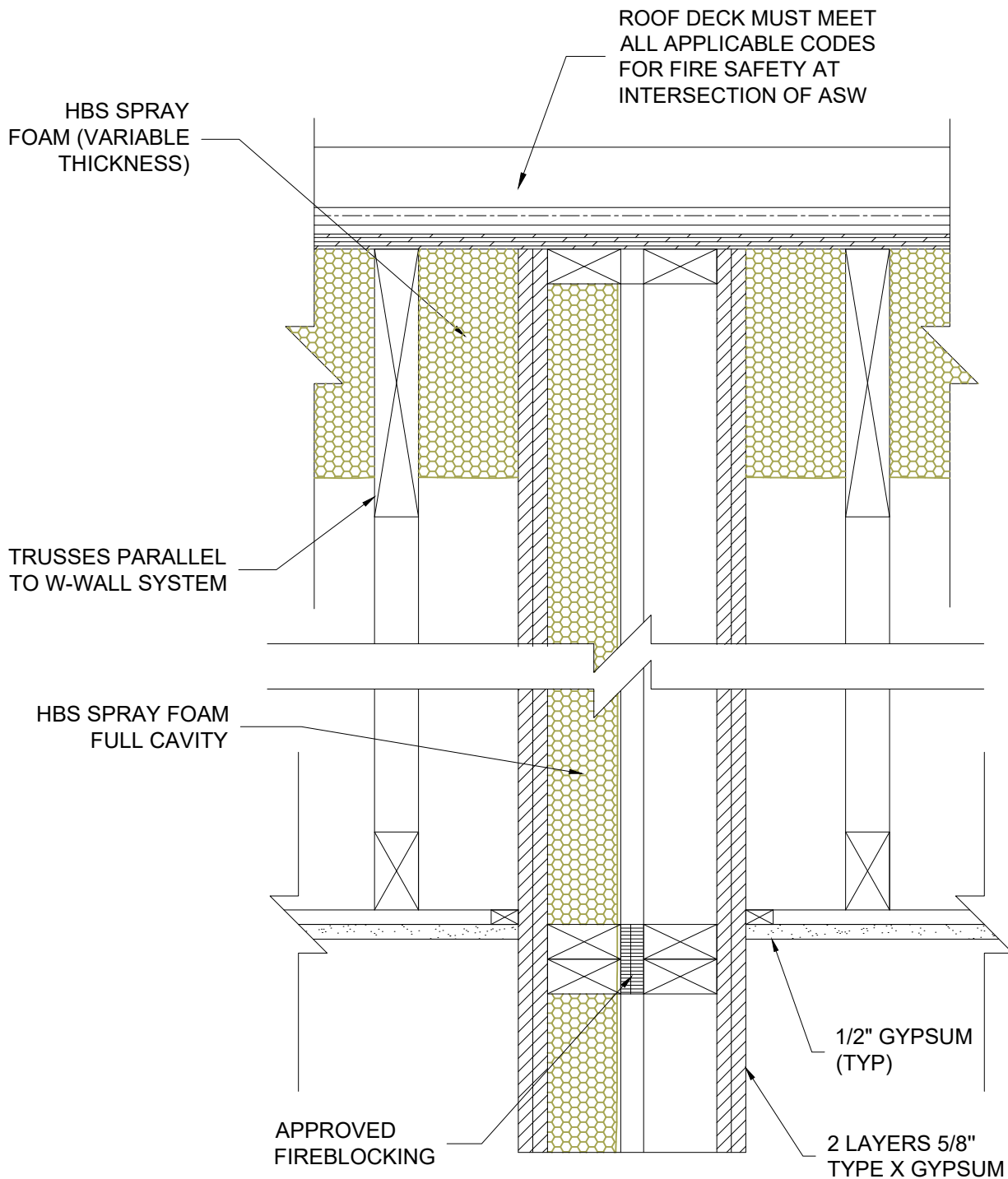
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TYPICAL DETAIL-UNVENTED CATHEDRAL ROOF
W-WALL SYSTEM PARALLEL TO RAFTERS
2 HOUR W-WALL SYSTEM /
ATTIC TRANSITION

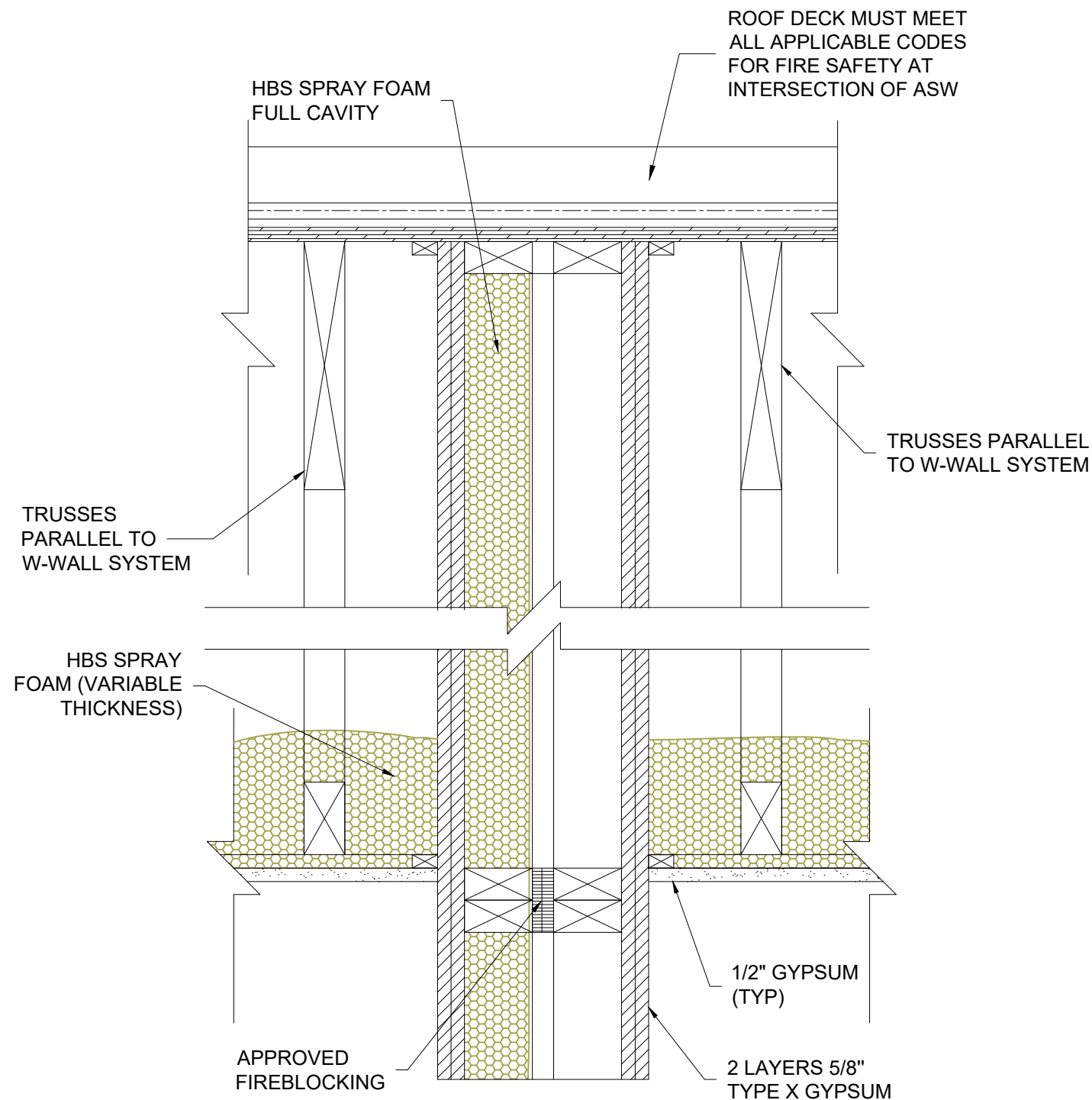
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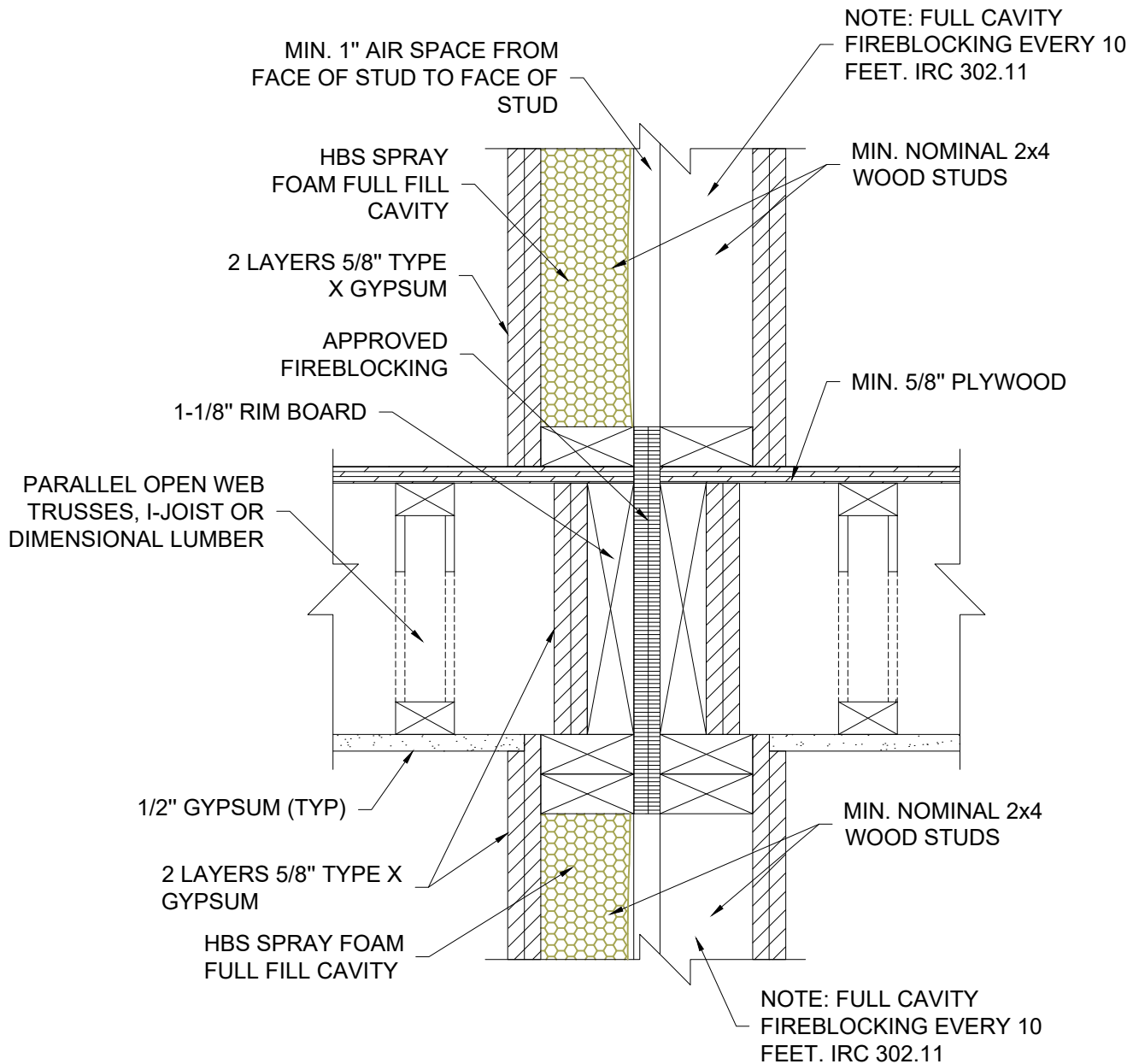
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PERPENDICULAR OPEN WEB
TRUSSES, I-JOIST OR DIMENSIONAL
LUMBER

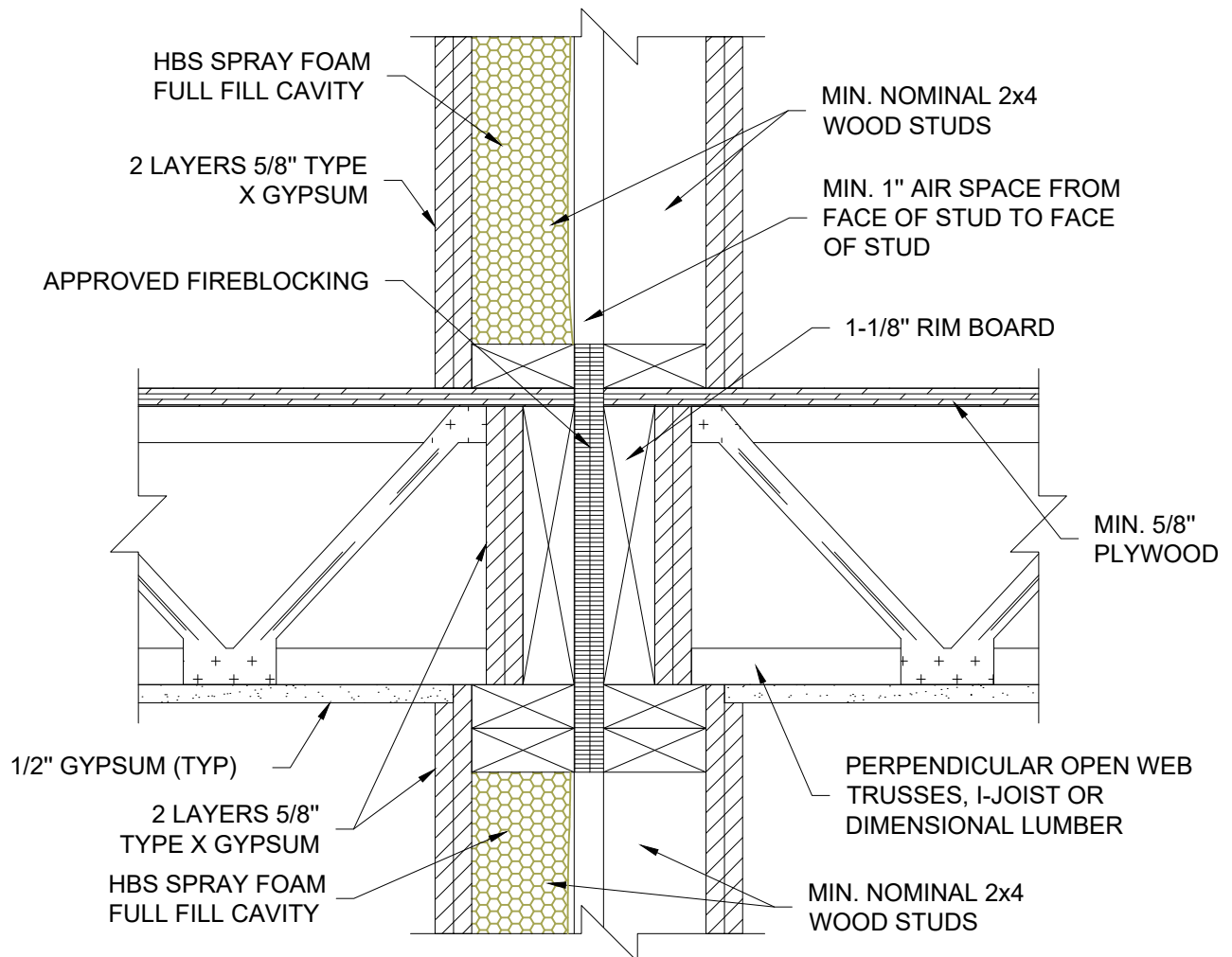
FIRESTOP SEALANT BETWEEN
THE 2x AND 5/8" TYPE X GYPSUM

2 LAYERS 5/8" TYPE
X GYPSUM

2 PIECES OF 2x

NOTE:

SEE PAGE 7-A FOR GENERAL NOTE.



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TYPICAL DETAIL - WOOD FRAMING
PERPENDICULAR TRUSSES/JOISTS
2 HOUR W-WALL SYSTEM /
FLOOR-CEILING TRANSITION

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PERPENDICULAR OPEN WEB
TRUSSES, I-JOIST OR DIMENSIONAL
LUMBER

FIRESTOP SEALANT BETWEEN
THE 2x AND 5/8" TYPE X GYPSUM

2 LAYERS 5/8" TYPE
X GYPSUM

2 PIECES OF 2x

1/2" GYPSUM (TYP)

HBS SPRAY FOAM
FULL FILL CAVITY

2 LAYERS 5/8" TYPE
X GYPSUM

APPROVED FIREBLOCKING

MIN. NOMINAL 2x4
WOOD STUDS

MIN. 1" AIR SPACE FROM
FACE OF STUD TO FACE
OF STUD

MIN. 5/8"
PLYWOOD

1/2" GYPSUM (TYP)

2 LAYERS 5/8"
TYPE X GYPSUM

HBS SPRAY FOAM
FULL FILL CAVITY

PERPENDICULAR OPEN WEB
TRUSSES, I-JOIST OR
DIMENSIONAL LUMBER

MIN. NOMINAL 2x4
WOOD STUDS

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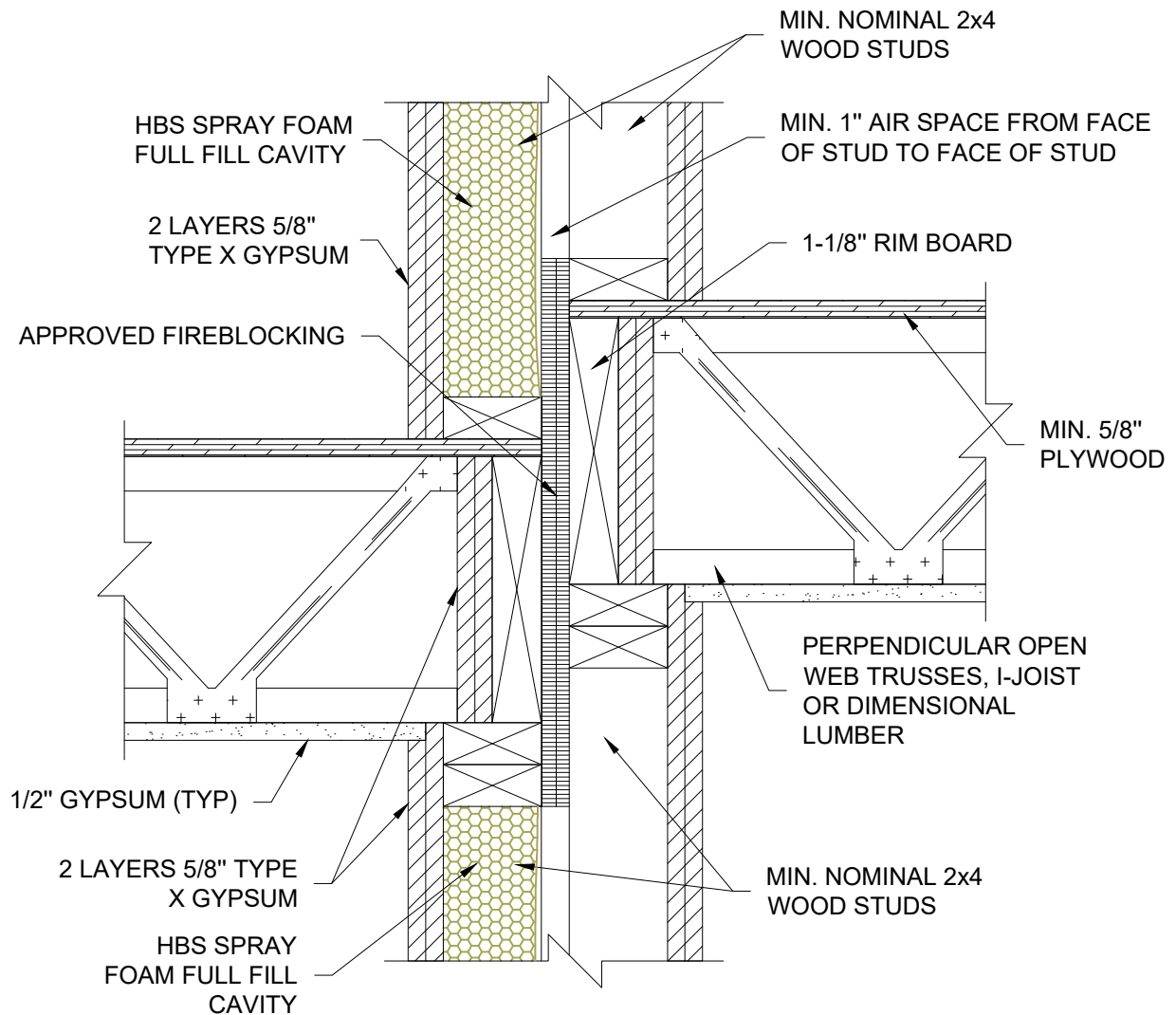
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WOOD FRAMING DETAIL
PERPENDICULAR TRUSSES/JOISTS
2 HOUR W-WALL SYSTEM /
FLOOR-CEILING TRANSITION

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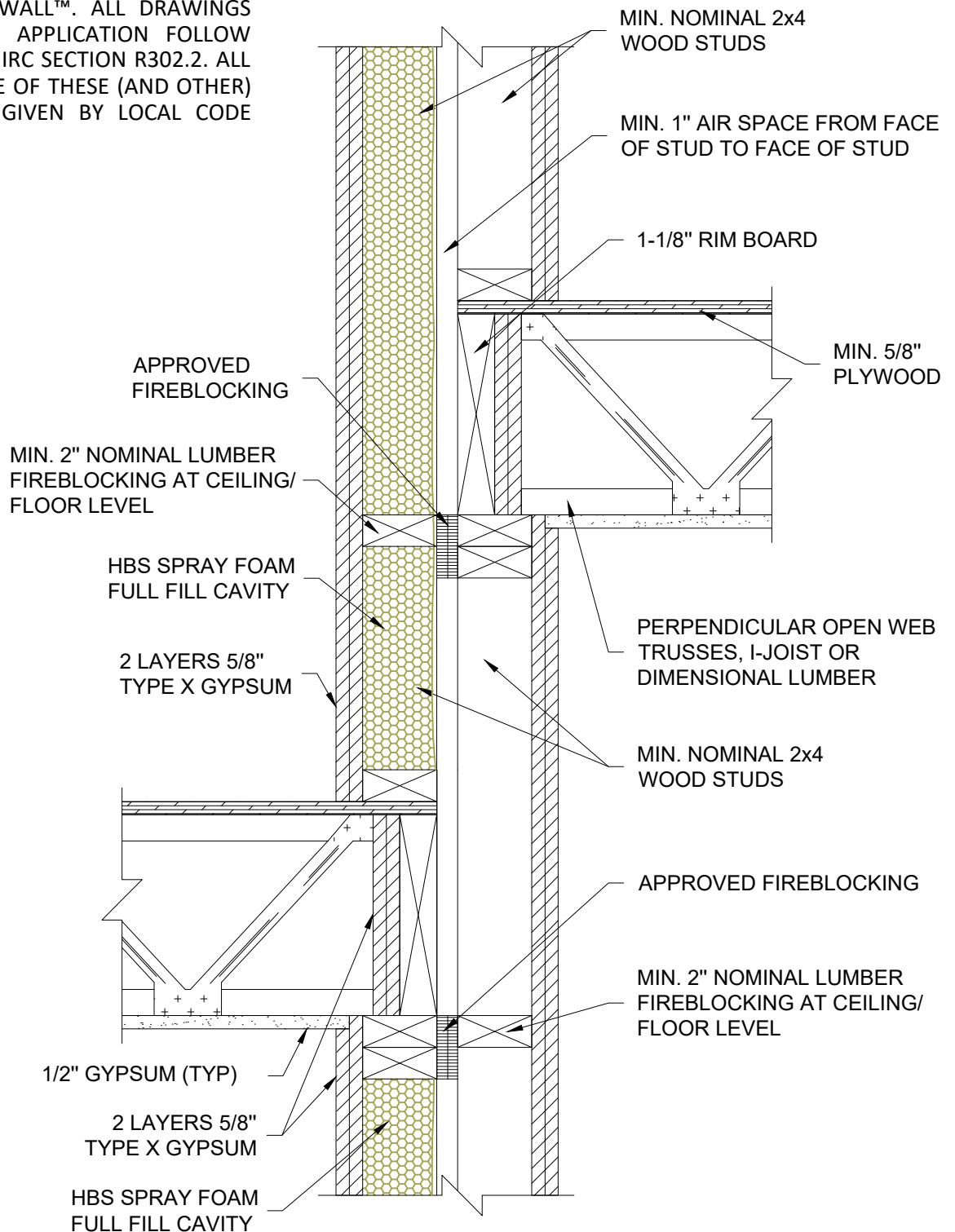


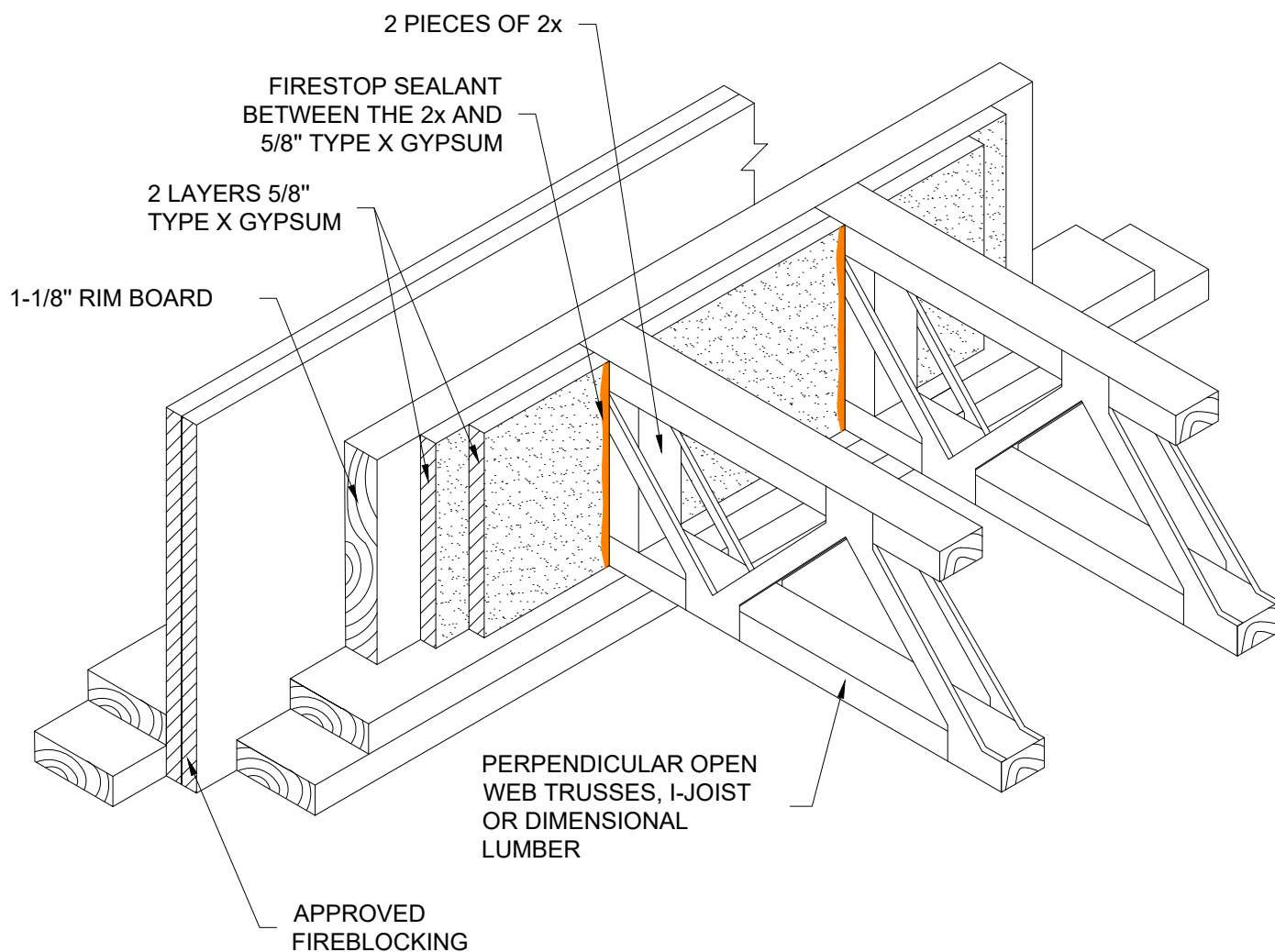
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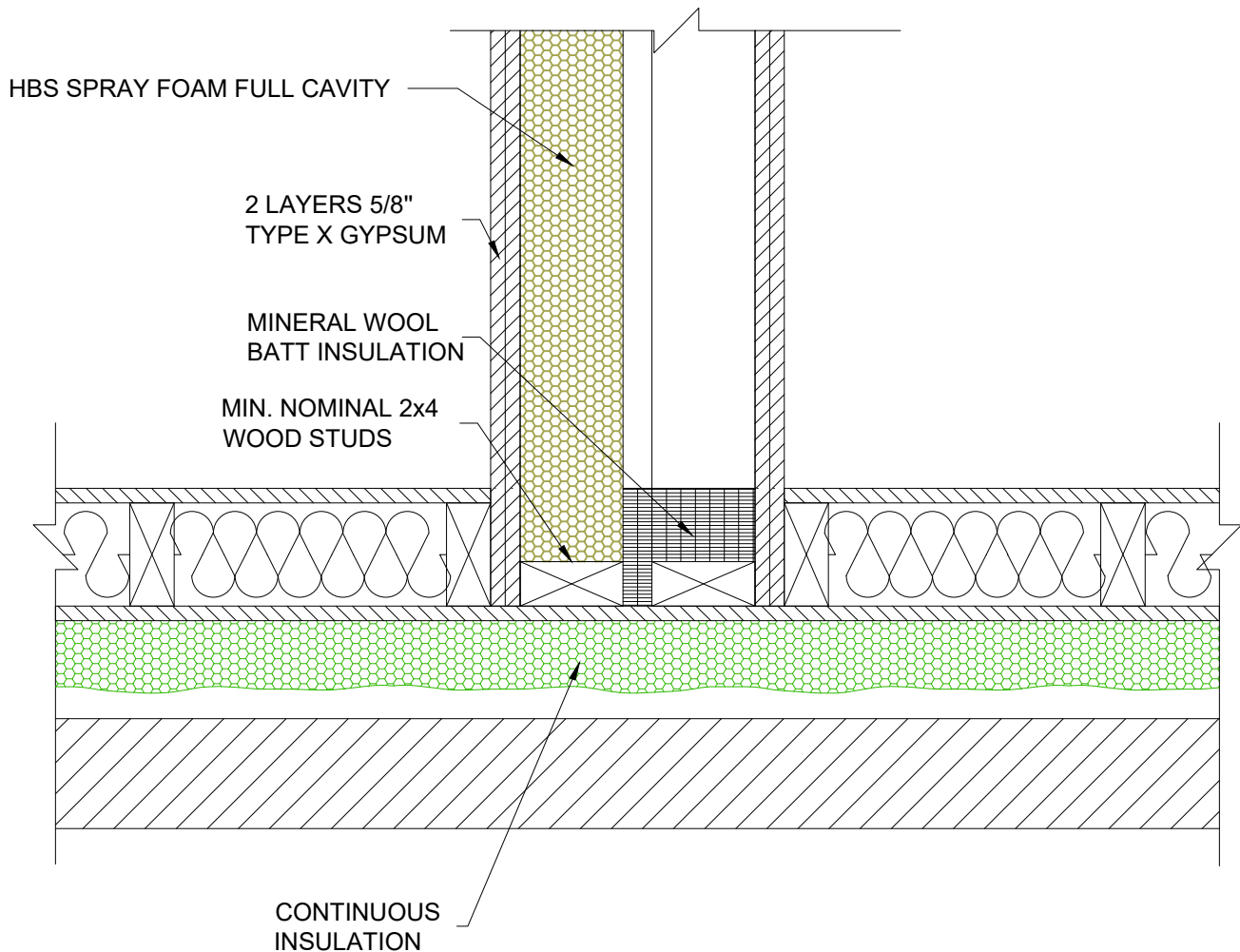
ISOMETRY

2 HOUR W-WALL SYSTEM /
FLOOR-CEILING TRANSITION

Page 9

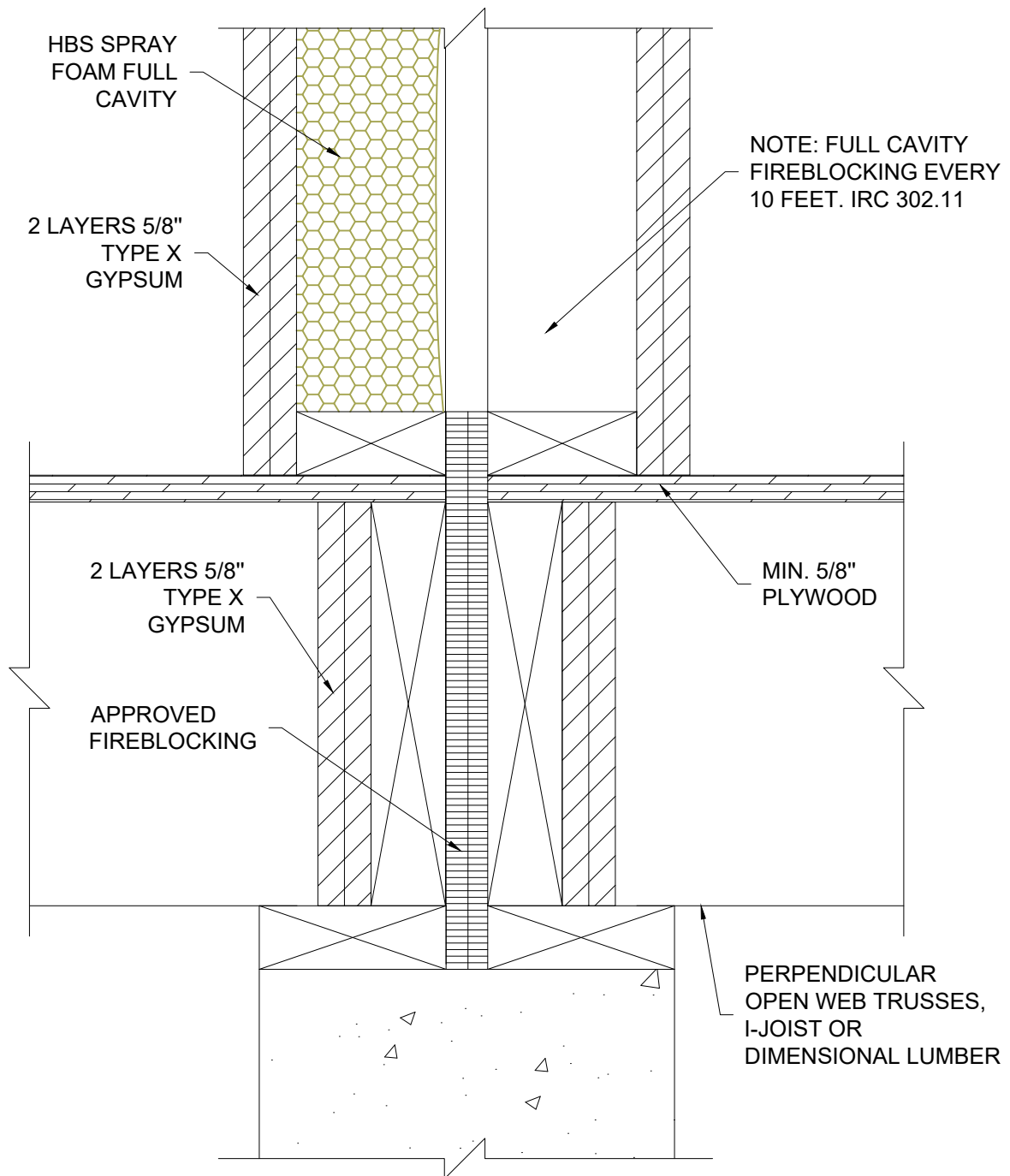
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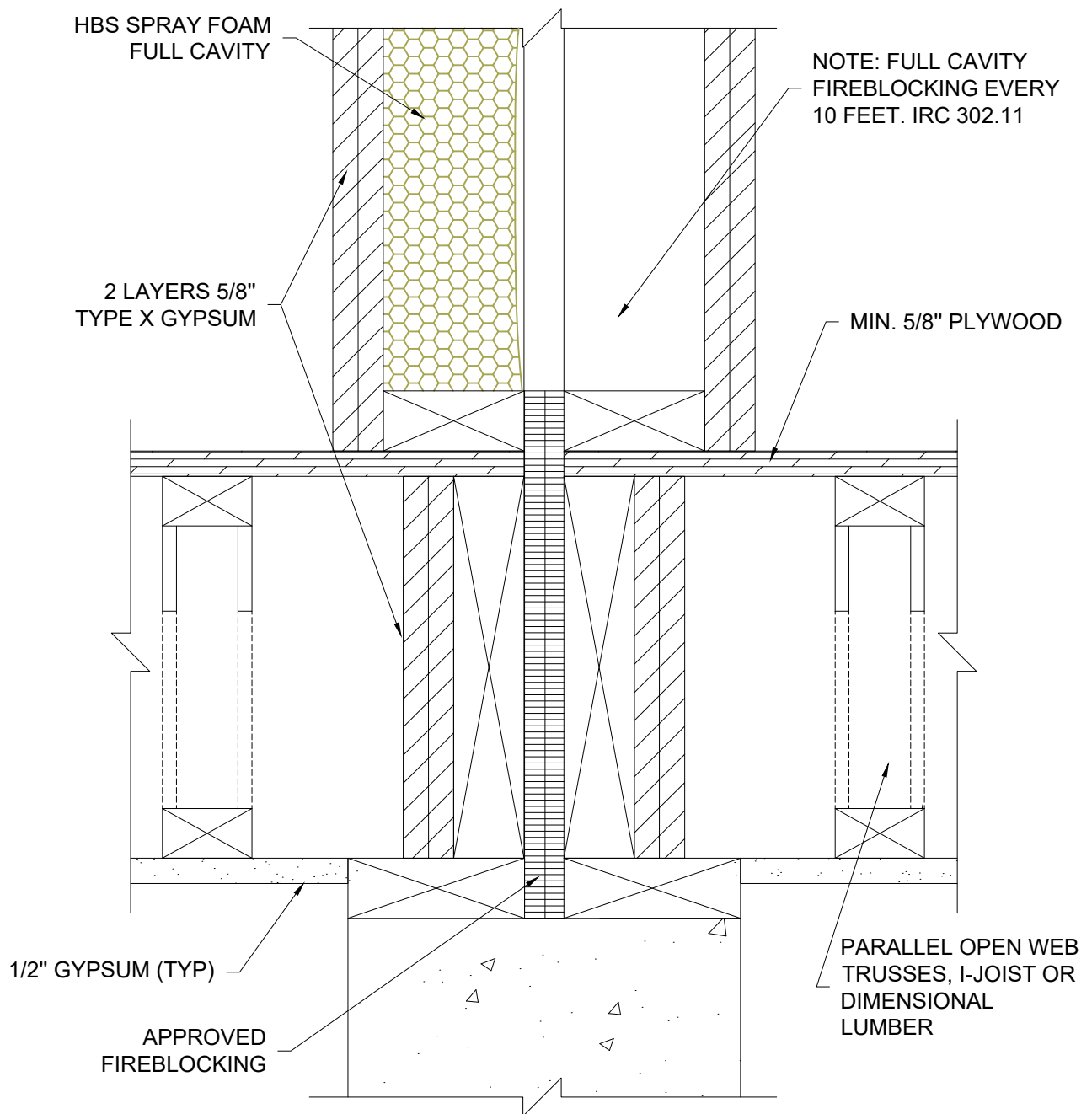
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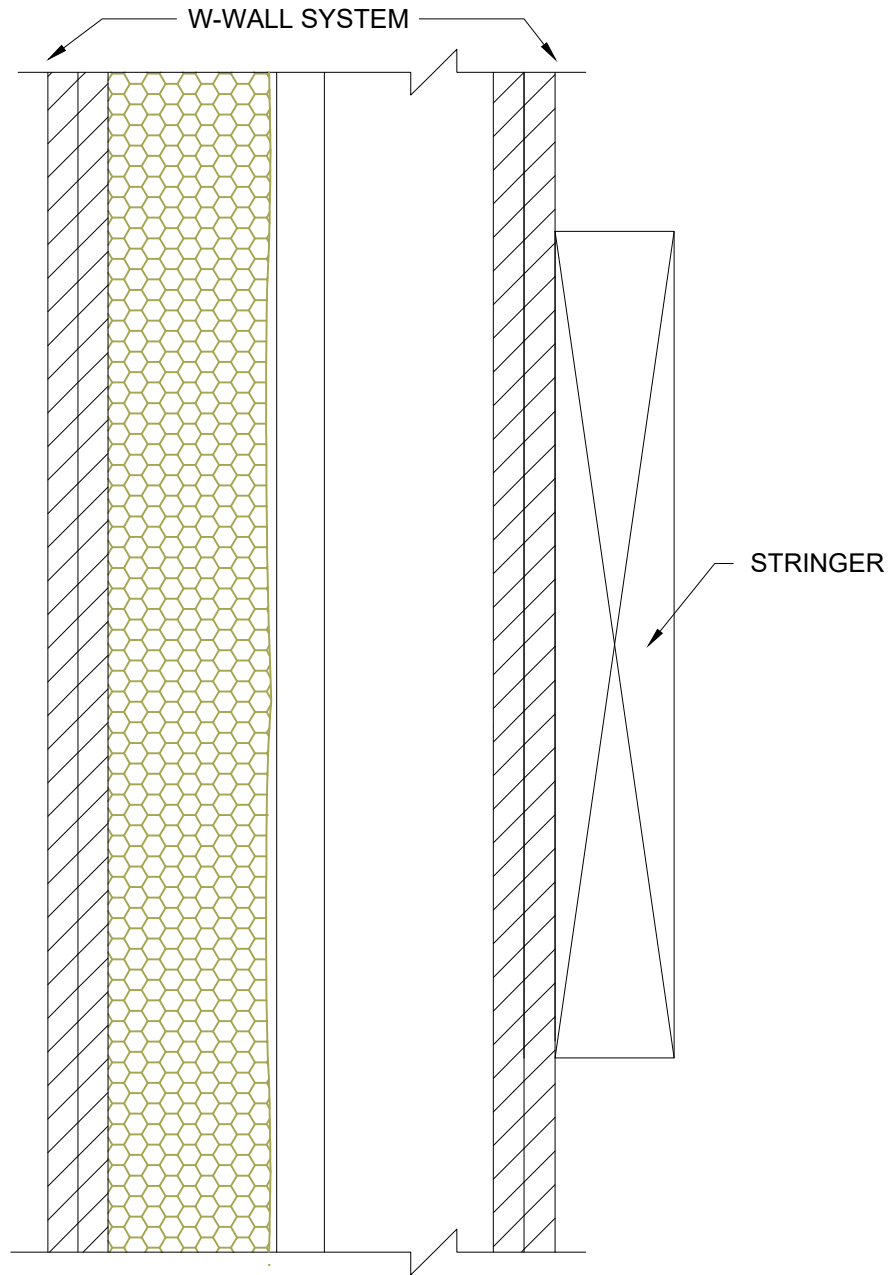
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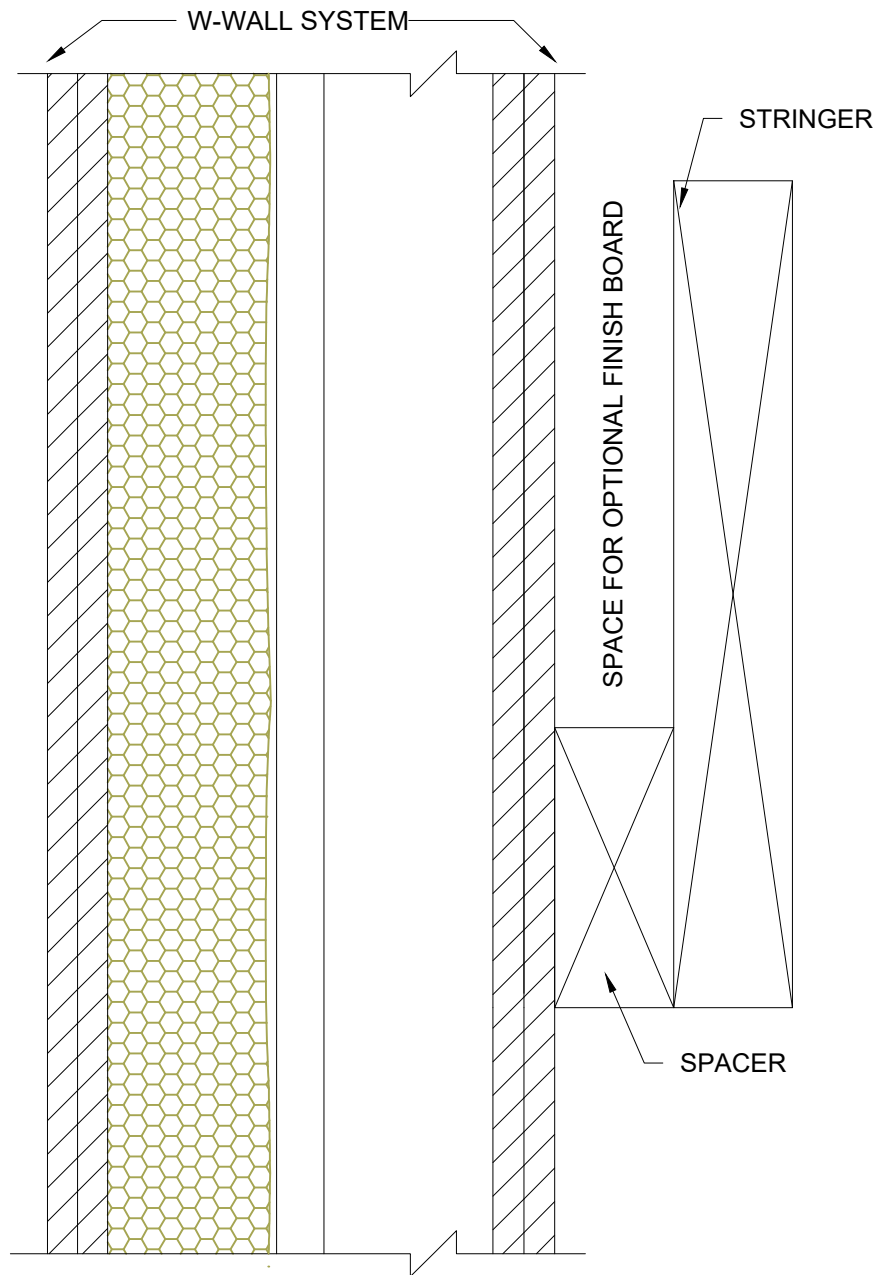
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