

Maximum Diameter for Drilled Holes and Notching in Structural Members

Minimum 5/8" From Edge of Hole to Edge of Member.

Drilled Holes in Exterior or Load Bearing Walls

40% of member maximum allowed

$$2 \times 4 \quad (3.5 \times 0.40) = 1.4 = 1\text{-}3/8''$$

$$2 \times 6 \quad (5.5 \times 0.40) = 2.2 = 2\text{-}3/16''$$

$$2 \times 8 \quad (7.5 \times 0.40) = 3.0 = 3''$$

Drilled Holes in Interior Non-Load Bearing Walls

60% of member maximum allowed

$$2 \times 4 \quad (3.5 \times 0.60) = 2.1 = 2\text{-}1/16''$$

$$2 \times 6 \quad (5.5 \times 0.60) = 3.3 = 3\text{-}5/16''$$

$$2 \times 8 \quad (7.5 \times 0.60) = 4.5 = 4\text{-}1/2''$$

Maximum Notching in Exterior or Load Bearing Walls

25% of member maximum allowed

$$2 \times 4 \quad (3.5 \times 0.25) = 0.875 = 7/8''$$

$$2 \times 6 \quad (5.5 \times 0.25) = 1.375 = 1\text{-}3/8''$$

$$2 \times 8 \quad (7.5 \times 0.25) = 1.875 = 1\text{-}7/8''$$

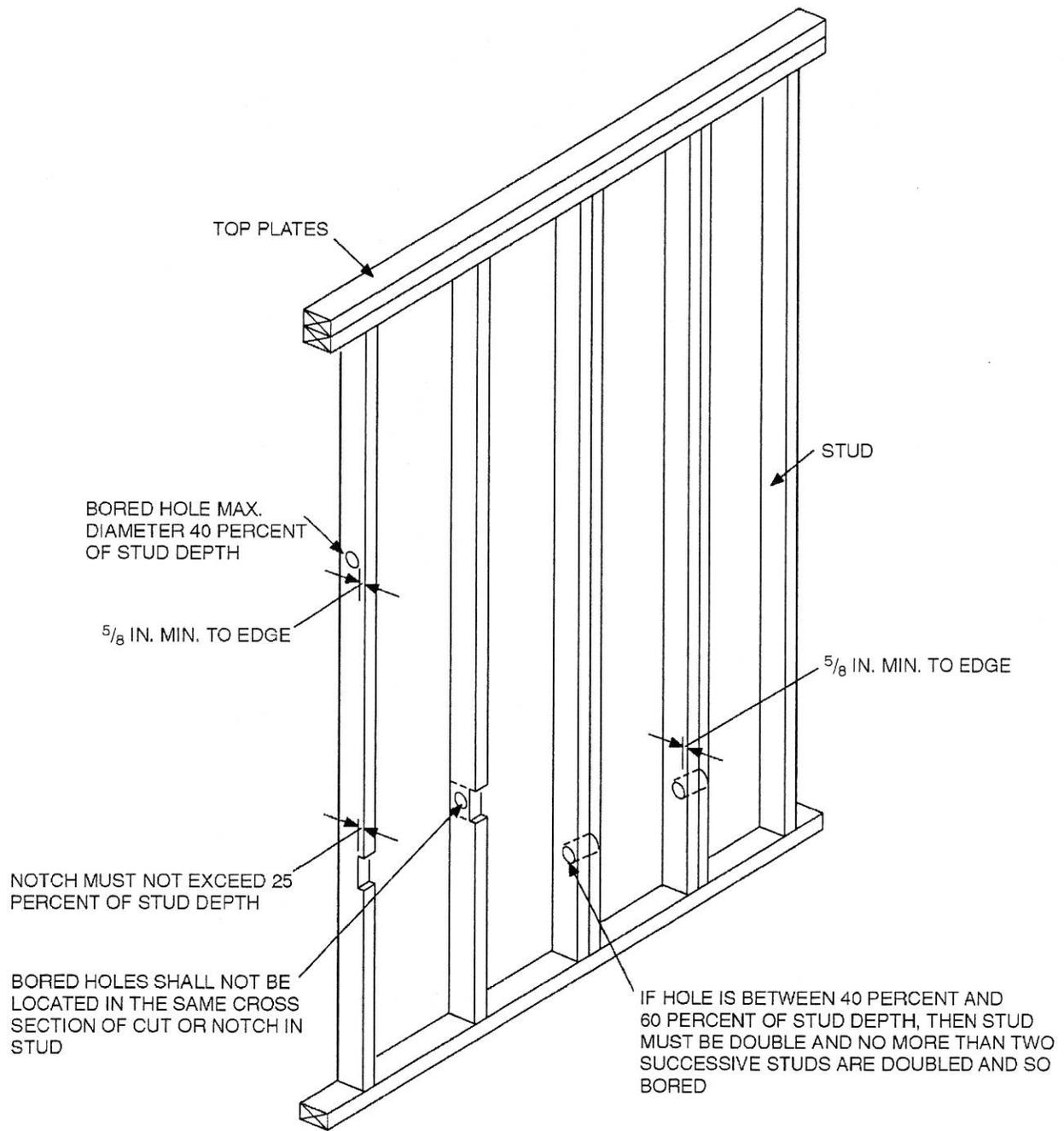
Maximum Notching in Interior Non-Load Bearing Walls

40% of member maximum allowed

$$2 \times 4 \quad (3.5 \times 0.40) = 1.4 = 1\text{-}3/8''$$

$$2 \times 6 \quad (5.5 \times 0.40) = 2.2 = 2\text{-}3/16''$$

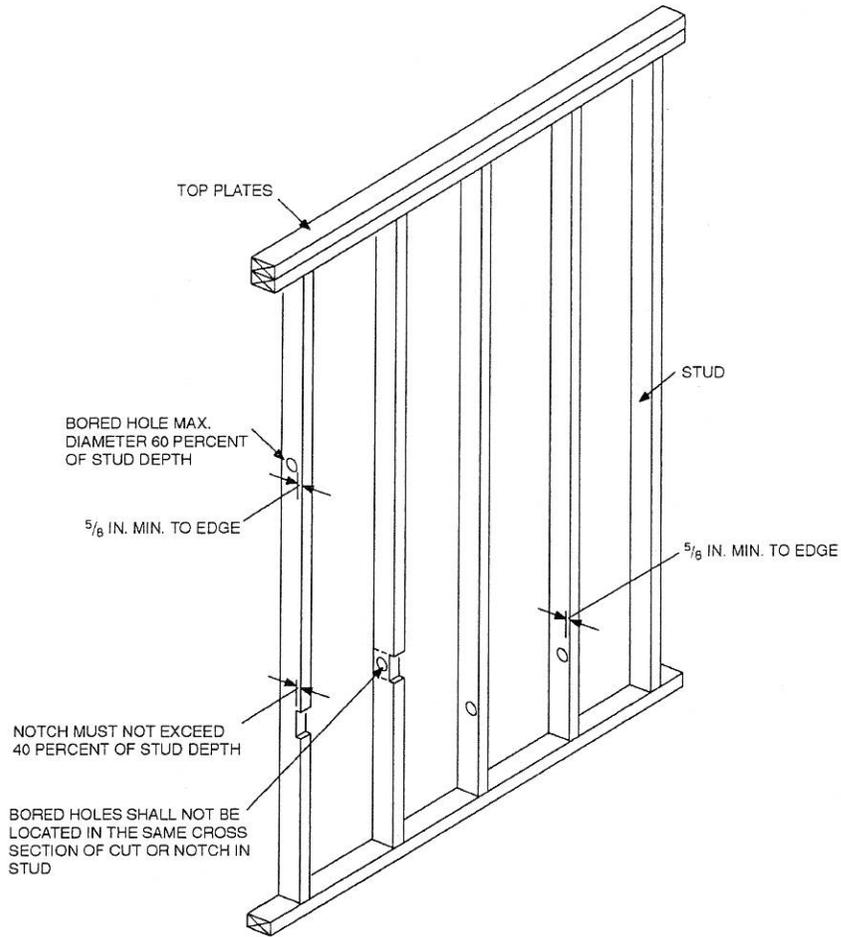
$$2 \times 8 \quad (7.5 \times 0.40) = 3.0 = 3''$$



For SI: 1 inch = 25.4 mm.

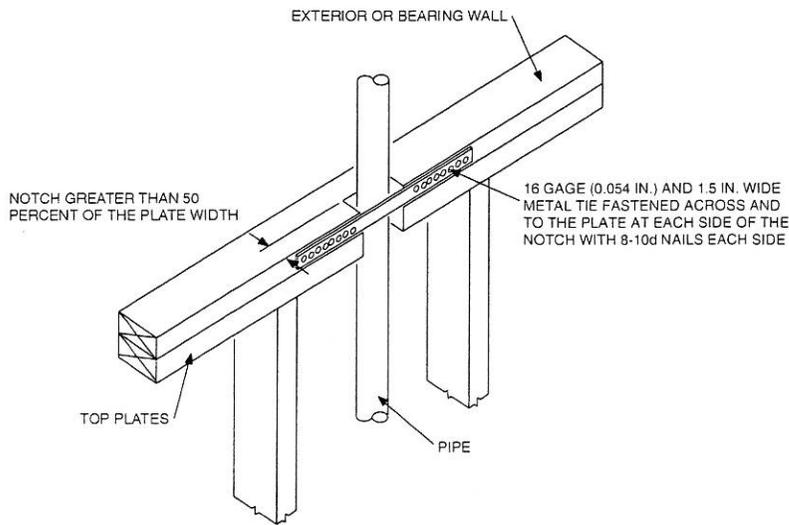
Note: Condition for exterior and bearing walls.

FIGURE R602.6(1)
NOTCHING AND BORED HOLE LIMITATIONS FOR EXTERIOR WALLS AND BEARING WALLS



For SI: 1 inch = 25.4 mm.

FIGURE R602.6(2)
NOTCHING AND BORED HOLE LIMITATIONS FOR INTERIOR NONBEARING WALLS



For SI: 1 inch = 25.4 mm.

FIGURE R602.6.1
TOP PLATE FRAMING TO ACCOMMODATE PIPING

