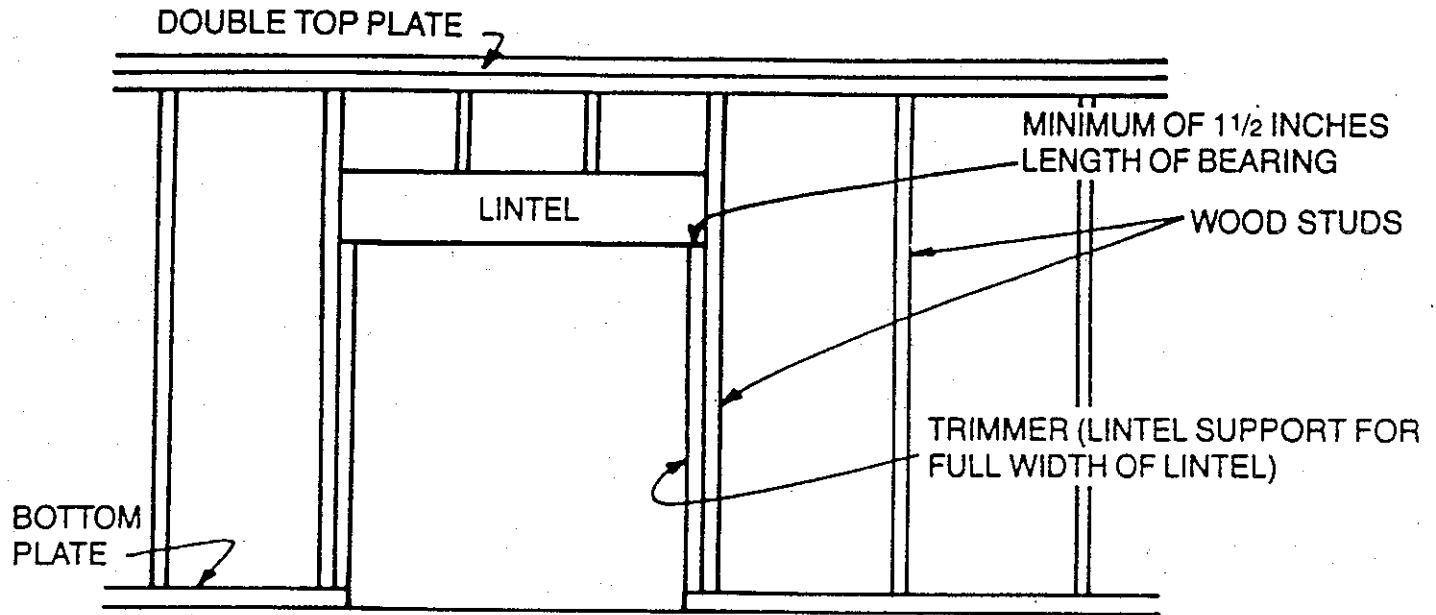


For SI: 1 inch = 25.4 mm.

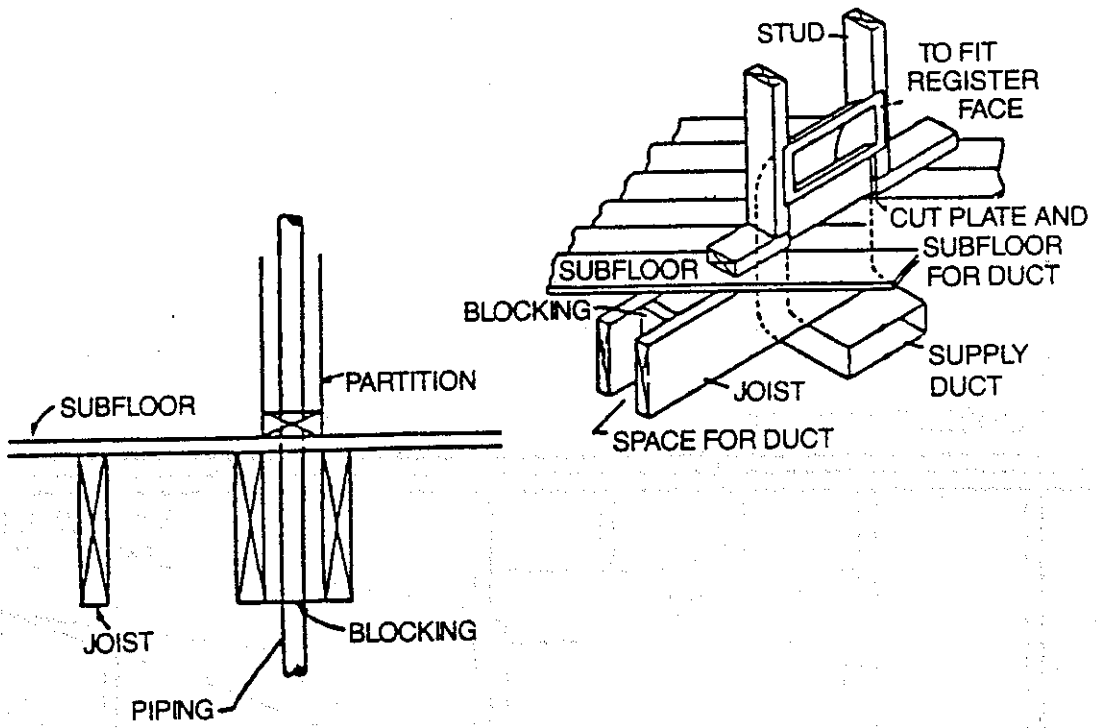
FIGURE R502.8
CUTTING, NOTCHING AND DRILLING

SECTION 2326.11.6 HEADERS

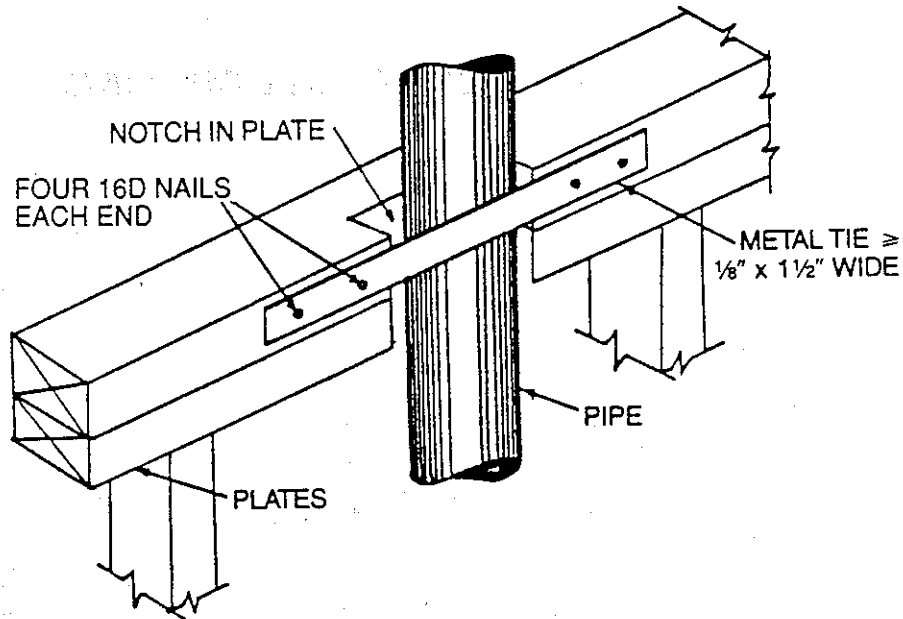


LINTEL OVER WALL OPENING

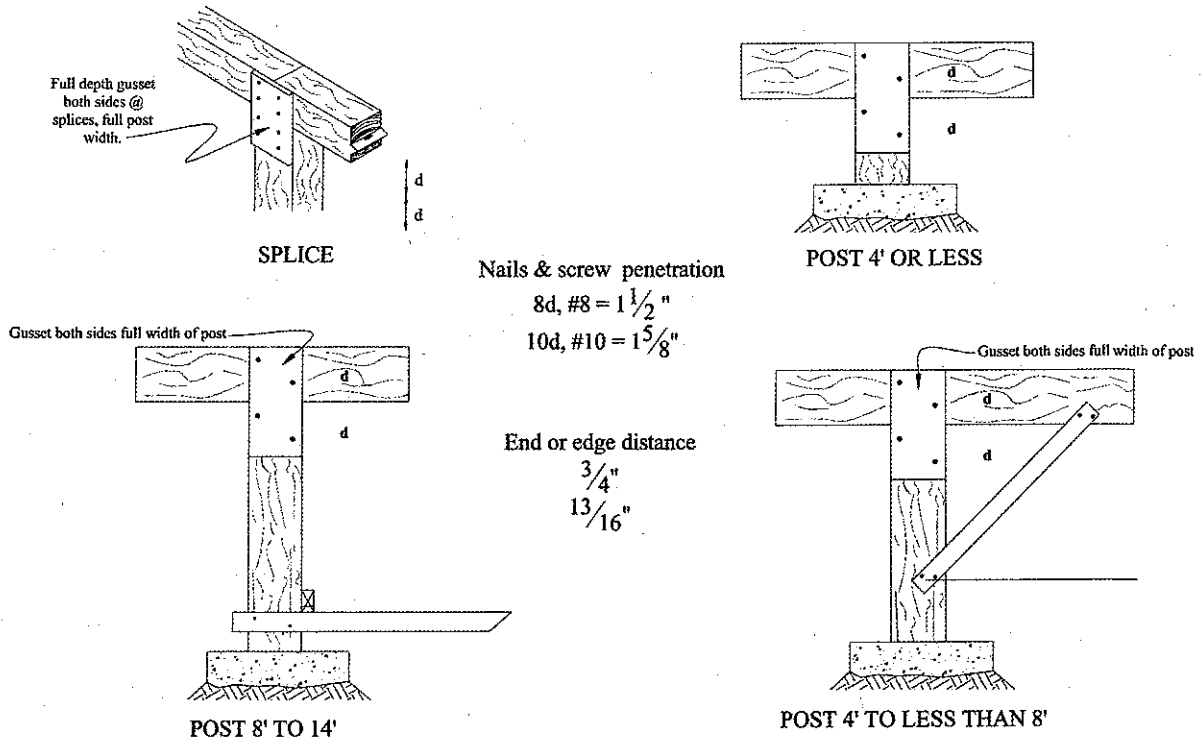
SECTION 2326.11.7 PIPES IN WALLS



FLOOR FRAMING TO ACCOMMODATE PIPING AND DUCTWORK



TOP PLATE FRAMING TO ACCOMMODATE PIPING



NOTES:

1. Details shown apply when there is full perimeter foundation walls.
2. This is an acceptable practice pertaining to Sections R407.3 and R502.9.

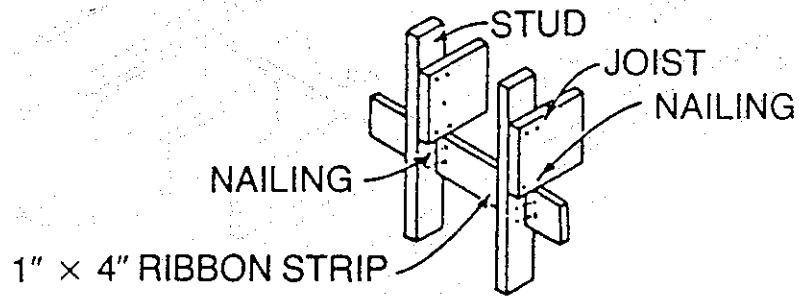
CONNECTORS:

1. Quantity as shown on details.
2. Gusset plate: $\frac{1}{2}''$ structural sheathing or 1 X 4 wood lumber min. or 16 gage (0.0598") steel plate min.
3. Nails: 8d for $\frac{1}{2}''$ structural sheathing or 1 X (varies) nominal materials. 10d for 2 X (varies) nominal materials and larger.
4. Wood screws and staples are an acceptable alternate.

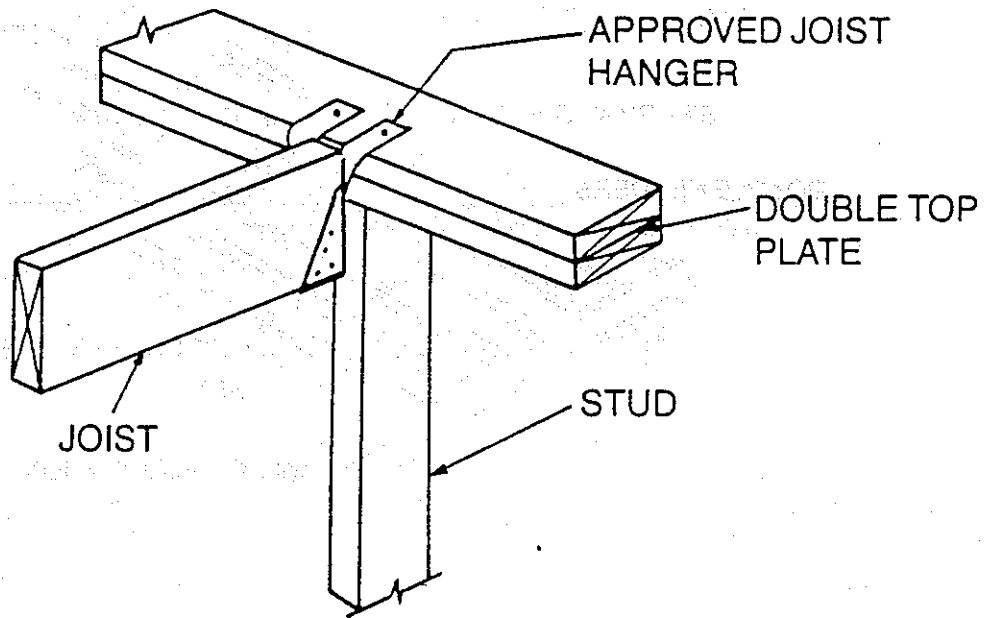
Exception: Girders & posts supporting exterior decks not exceeding 18" inches (457 mm) in height are not required to be laterally braced or have gussets at post and girder connections. (see Section R502.2.1)

**FIGURE R502.9
 POST AND BEAM CONNECTIONS**

SECTION 2326.8.3 FLOOR JOIST BEARING AND JOIST HANGERS

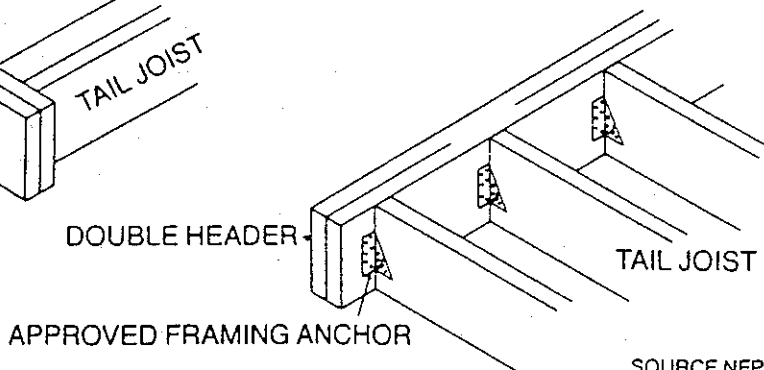
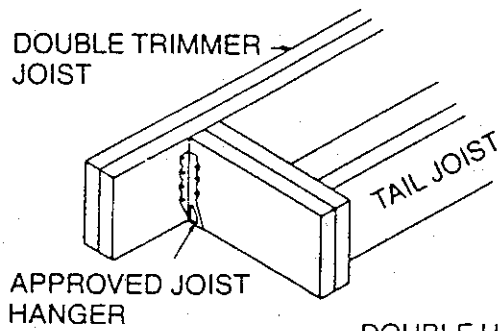
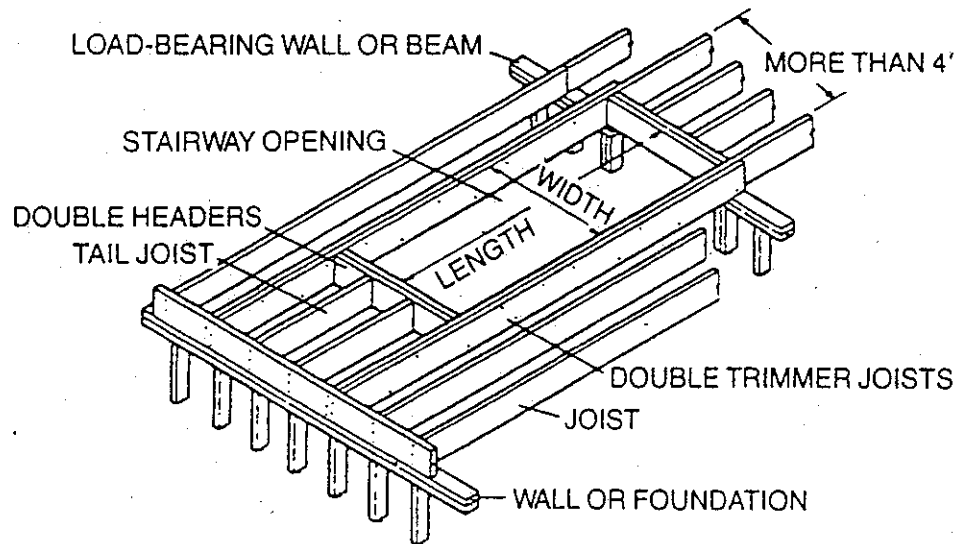
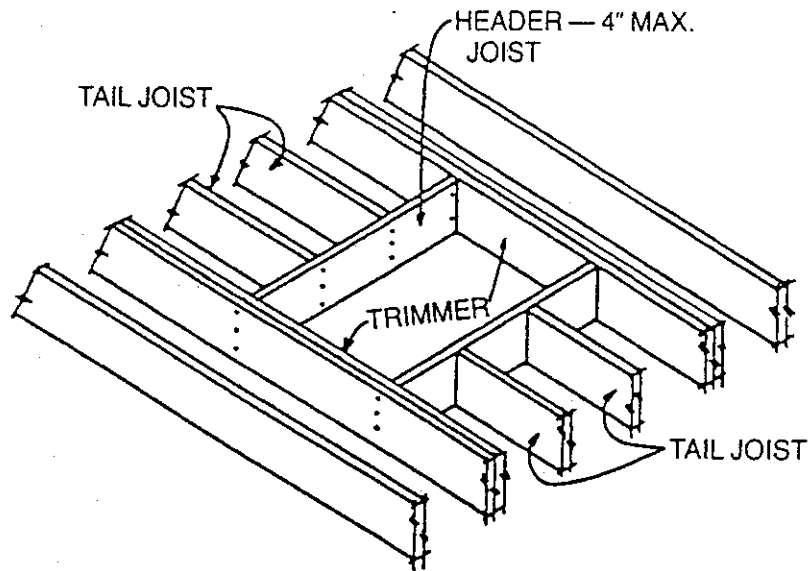


RIBBON STRIP SUPPORT



**JOIST HANGER ALTERNATIVE
FLOOR JOIST END BEARING**

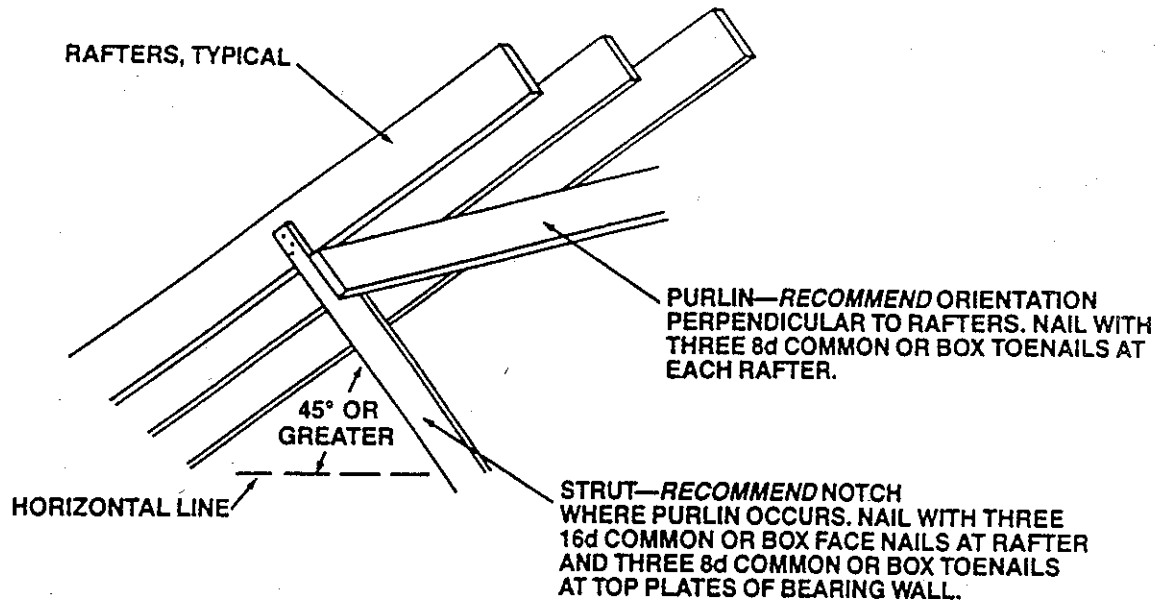
SECTION 2326.8.4 FLOOR FRAMING AROUND OPENINGS



SOURCE NFPA

FLOOR FRAMING AT OPENINGS

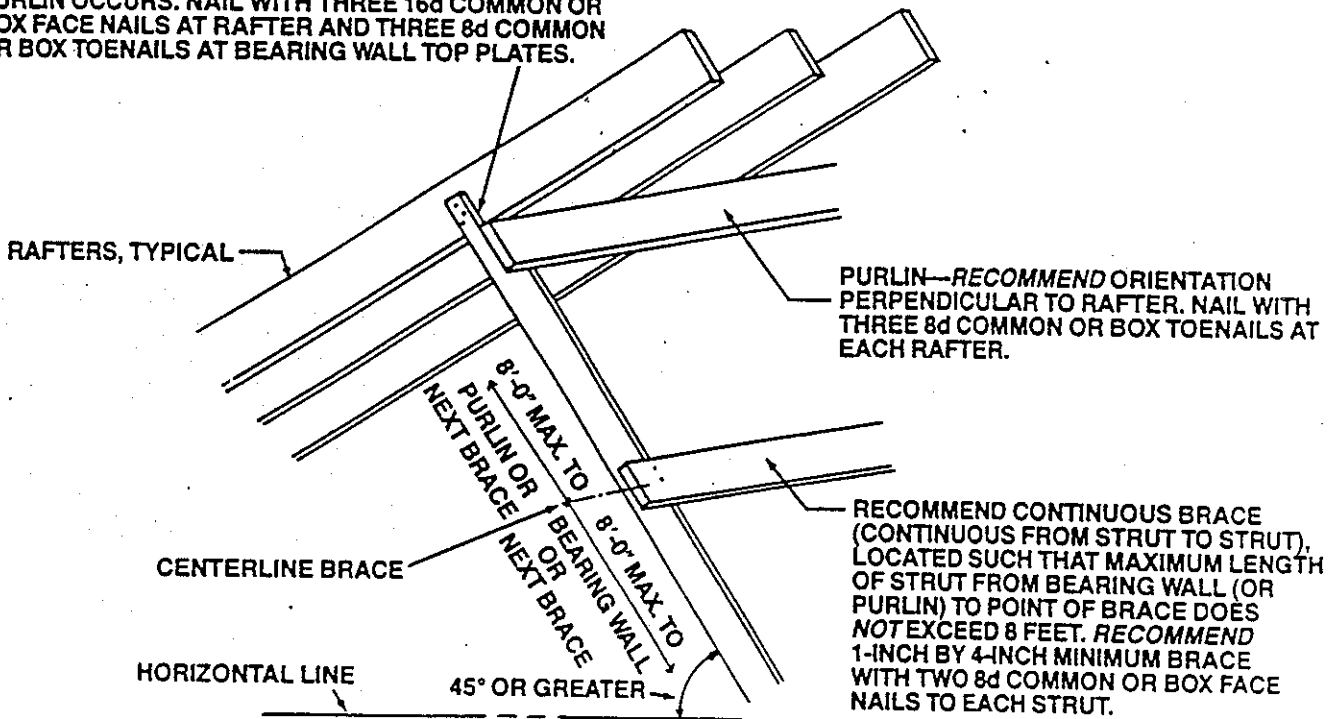
SECTION 2326.12.7 PURLINS



PURLIN AND STRUT

NOTE: NOTCHING AND FASTENING OF STRUT AND ORIENTATION AND FASTENING OF PURLIN ARE RECOMMENDED.

STRUT—RECOMMEND NOTCH WHERE PURLIN OCCURS. NAIL WITH THREE 16d COMMON OR BOX FACE NAILS AT RAFTER AND THREE 8d COMMON OR BOX TOENAILS AT BEARING WALL TOP PLATES.

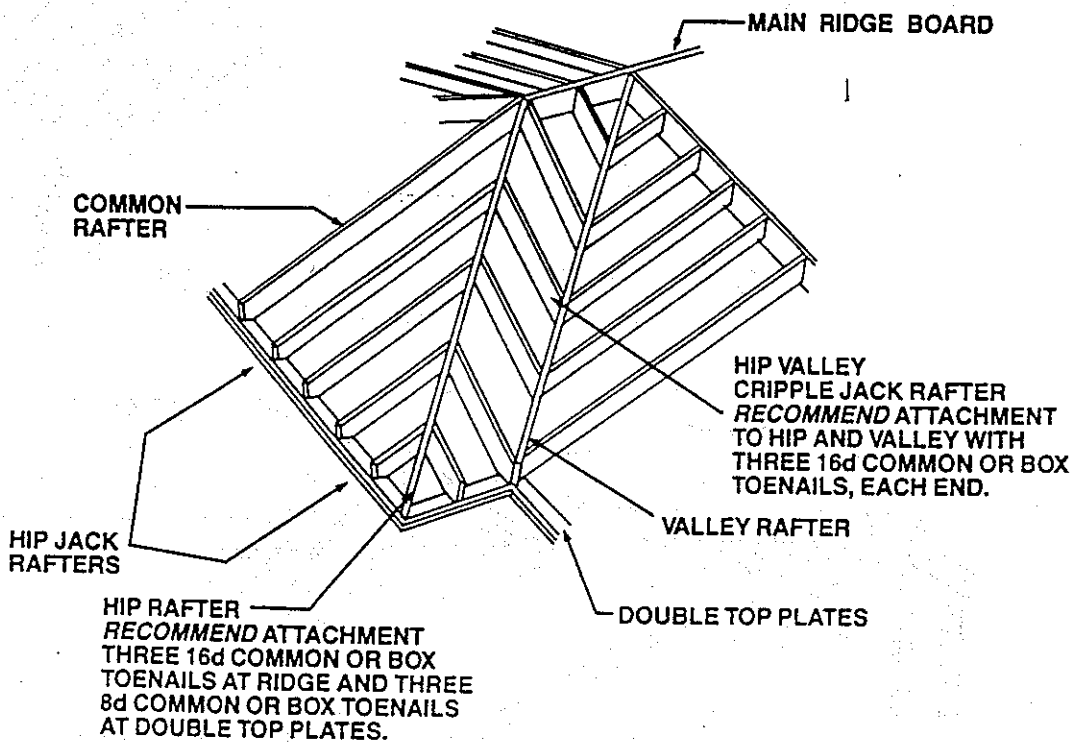


STRUT BRACE

NOTE: CONTINUOUS BRACE AND FASTENING OF BRACE TO STRUT, AND PURLIN ORIENTATION AND FASTENING TO RAFTER AND TOP PLATES RECOMMENDED.

SECTION 2326.12 ROOF FRAMING

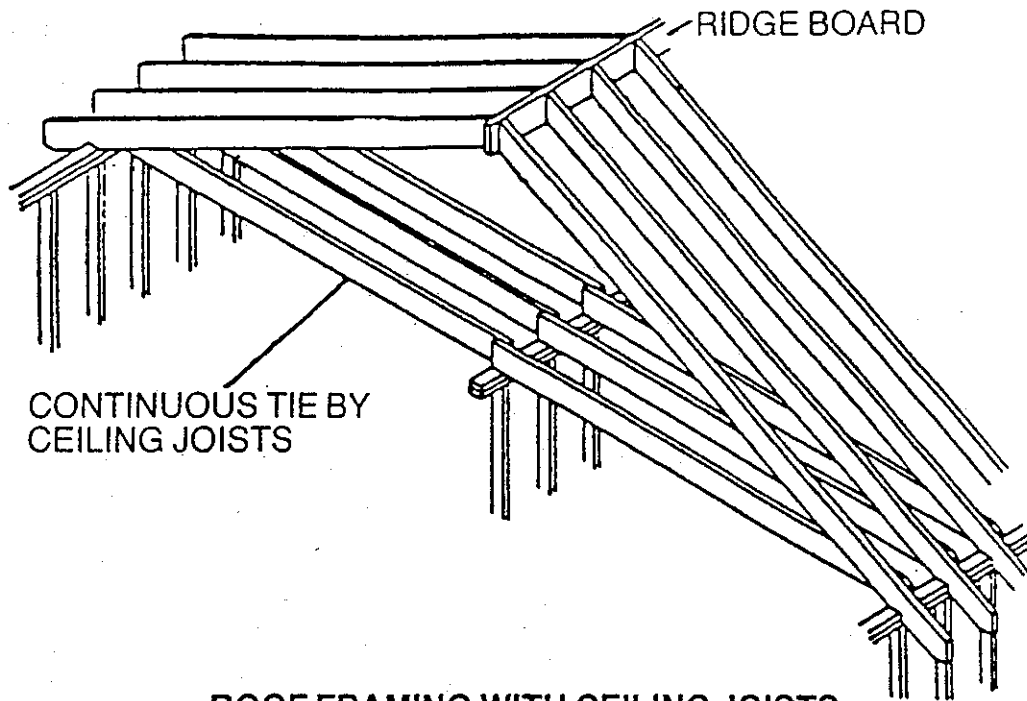
Hips and Valleys



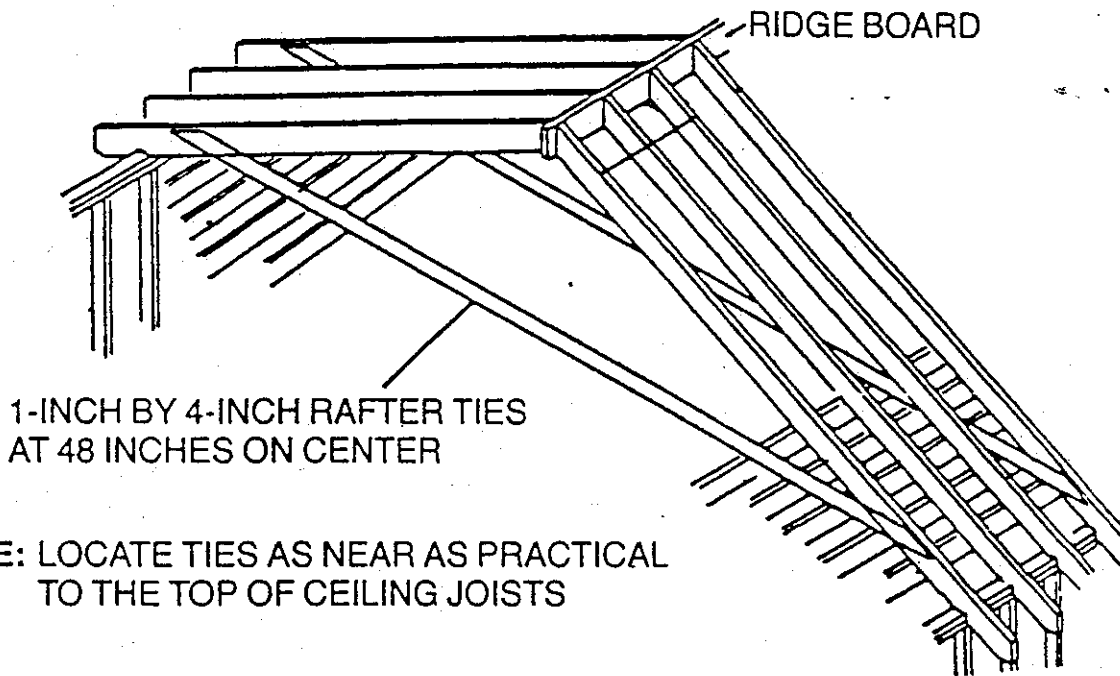
HIPS AND VALLEYS

NOTE: FASTENING OF HIP RAFTER AND HIP VALLEY CRIPPLE JACK RAFTERS *RECOMMENDED*.

SECTION 2326.12.6 RAFTER TIES



**ROOF FRAMING WITH CEILING JOISTS
PARALLEL TO RAFTERS**

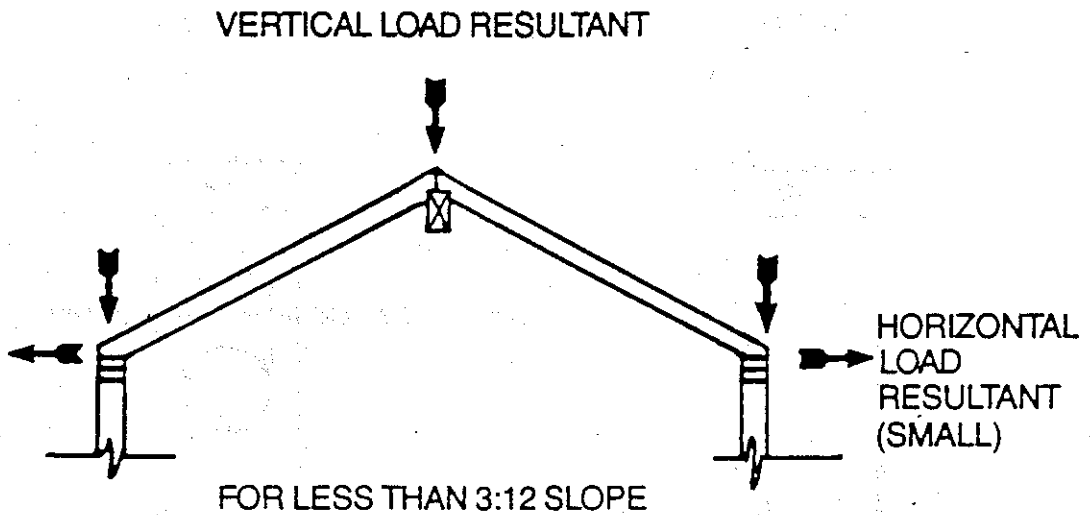
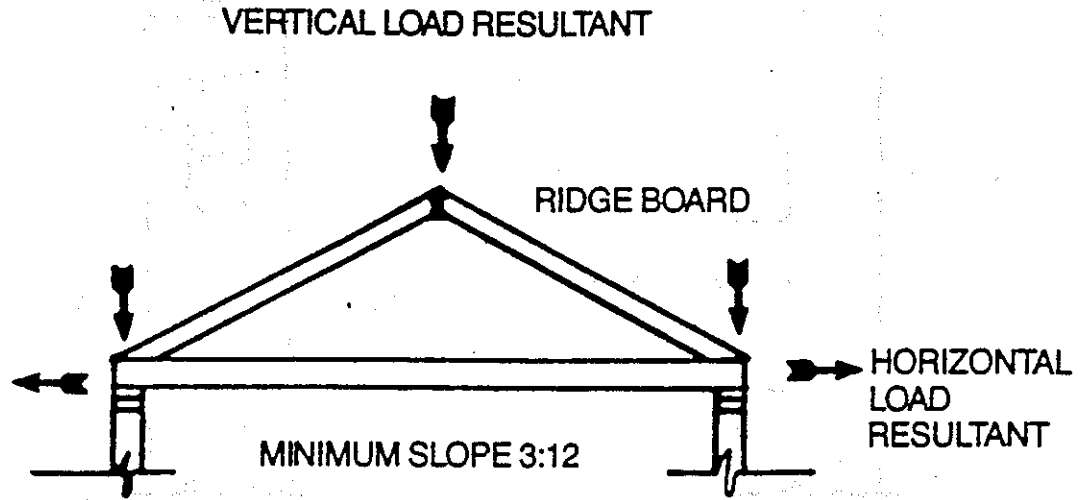


**NOTE: LOCATE TIES AS NEAR AS PRACTICAL
TO THE TOP OF CEILING JOISTS**

**ROOF FRAMING WITH CEILING JOISTS
NOT PARALLEL TO RAFTERS**

RAFTER TIES

SECTION 2326.12.1 ROOF AND CEILING FRAMING "GENERAL"



NOTE: FOR OPEN BEAM OR SLOPED CEILINGS, THE RIDGE BEAM MUST BE A DESIGNED MEMBER IN ORDER THAT HORIZONTAL FORCES ARE REDUCED.

ROOF FRAMING