Page 1 of 2



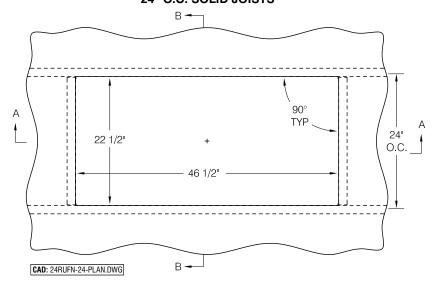
Rough-In Guide for Solid Lumber Joists

Applicable Product Models: 24, 24H, 24HX, 24W, 24WH, 24WHX

Roughing-In Notes:

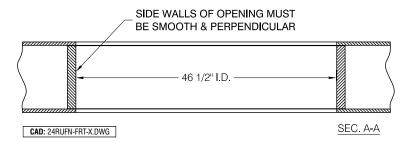
Tolerance for opening dimensions is +1/4" (6mm), -0" (-0mm). The opening must be square and the side walls perpendicular. Maximum joist height is 18" tall. See specification sheet for maximum floor-to-floor height of specific models. For detailed framing suggestions, see the **Versa Lift Installation Guide**.

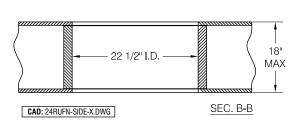
TYPICAL FRAMING FOR 24" O.C. SOLID JOISTS



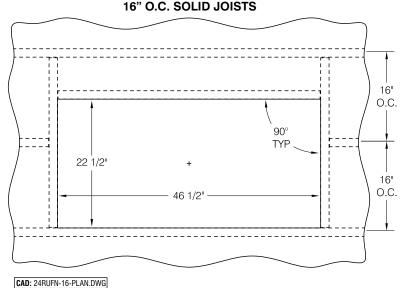
IMPORTANT NOTE:

The required finished opening is 22.5 x 46.5" with smooth sidewalls. Whenever joist hanger brackets are used to frame the opening, they must be covered to prevent interference with the lifting platform operation. 2 x 2" "L" shaped flashing strips (4) are provided by BPG to cover hanger brackets and nail head in the corners of the lift opening.





TYPICAL FRAMING FOR



IMPORTANT NOTE:

The required finished opening is 22.5 x 46.5" with smooth sidewalls. Whenever joist hanger brackets are used to frame the opening, they must be covered to prevent interference with the lifting platform operation. 2 x 2" "L" shaped flashing strips (4) are provided by BPG to cover hanger brackets and nail head in the corners of the lift opening.



Attic Storage Lifting System

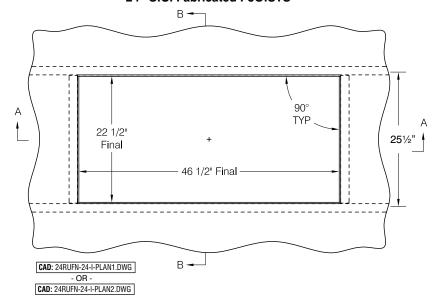
Rough-In Guide for Fabricated "I-Joists"

TYPICAL FRAMING FOR 24" O.C. Fabricated I-JOISTS

Applicable Product Models: 24, 24H, 24HX, 24W, 24WH, 24WHX

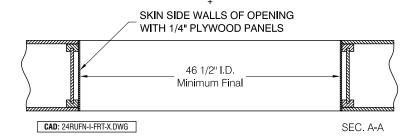
Roughing-In Notes:

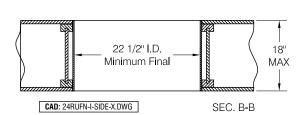
For I-Joists, frame the opening 1/2" larger in each dimension, then skin the side walls with 1/4" plywood for a smooth opening. Tolerance for opening dimensions is +1/4" (6mm), -0" (-0mm). The opening must be square and the side walls perpendicular. Maximum joist height is 18" tall. See specification sheet for maximum floor-to-floor height of specific models. For detailed framing suggestions, see the Versa Lift Installation Guide.



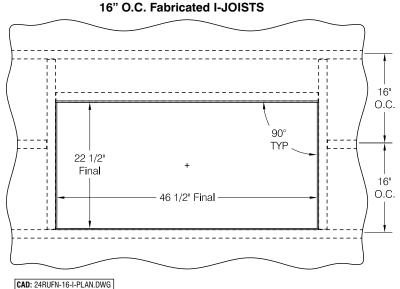
Note: For I-Joists, frame opening 23" x 47", then skin inside with 1/4" plywood to make the final opening size 22-1/2" x 46-1/2" with smooth side walls.

Important: To get the required 23" x 47" opening, one I-Joist must be shifted 11/2" off-center - or - you must cut two I-Joists and box in the opening using a stringer.





TYPICAL FRAMING FOR



Note: For I-Joists, frame opening 23" x 47", then skin inside with 1/4" plywood to make the final opening size 22-1/2" x 46-1/2" with smooth side walls.



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