

Installation Notes

1. I-joists and laminated veneer lumber shall be used in protected, dry-use conditions only. Separation from concrete and masonry shall be as provided in the local building code for wood that is not treated and not naturally durable.
2. I-joists may be cut to length or cut as shown in this guide, otherwise I-joist flanges shall not be cut, notched or drilled. Holes may be cut in the I-joist web as shown in WEB HOLE SPECIFICATIONS.
3. Laminated veneer lumber (LVL) may be cut to length, ripped to depth or trimmed as shown in this guide, otherwise LVL shall not be cut, notched or drilled. Holes may be drilled in LVL as shown in HOLE DETAILS.
4. The minimum allowable I-joist bearing length is 1¾ inches at end supports and 3½ inches at intermediate supports. The minimum allowable laminated veneer lumber bearing length is 1½ inches at both end and intermediate supports. Longer bearing lengths might be required by the building designer.
5. I-joists and laminated veneer lumber shall be supported laterally in accordance with local building code provisions for wood framing members, except that bridging is not required in floor joist spans.
6. Hangers and other metal connectors shall be installed in accordance with the connector manufacturer's installation instructions.
7. Rim boards, rim joists, blocking panels or squash blocks shall be installed at I-joist supports where load-bearing walls are located directly above the supports.
8. I-joists shall be installed straight (½ inch maximum deviation) and plumb.
9. Suspended loads should generally be attached to the joist web through filler blocks. Light loads may be suspended from the bottom flange. Refer to the building designer's installation instructions.
10. Sheathing shall be fastened to I-joists and laminated veneer lumber in accordance with local building code provisions for wood framing members and the building designer's installation instructions.

NAIL SPACING FOR ATTACHMENT OF SHEATHING TO I-JOISTS^(1,2)

Flange Width, b	Minimum Nail Spacing Per Row		Maximum Nail Spacing
	Nail Diameter ≤ 0.128 inches ⁽³⁾	Nail Diameter ≤ 0.148 inches ⁽⁴⁾	Any Nail Diameter
b < 1¾ inches	3 inches	3 inches	18 inches
b = 1¾ inches	2 inches	3 inches	18 inches
b > 1¾ inches	2 inches	3 inches	24 inches

Notes:

1. If more than one row of nails is required, the rows must be offset by at least ½ inch and staggered.
2. Do not use nails with diameters larger than 0.148 inches.
3. 6d common, 10d box, 10d sinker and smaller
4. 10d common, 20d box, 16d sinker and smaller

