



# INSTALLATION NOTES

- 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.
- I-joists may be cut to length or cut as shown in the INSTALLATION DETAILS, otherwise I-joist flanges shall not be cut, notched or drilled. Holes may be cut in the I-joist web as shown in WEB HOLES.
- Laminated veneer lumber (LVL) may be cut to length, ripped to depth or drilled as shown in the INSTALLATION DETAILS, otherwise do not notch LVL or drill holes larger than 1½ inch diameter in LVL beams and headers.
- 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 may be required by the building designer.
- 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.
- Hangers and other metal connectors shall be installed in accordance with the connector manufacturer's installation instructions.
- 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.
- I-joists shall be installed straight (½ inch maximum deviation) and plumb.
- 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.
- 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.

## SHEATHING NAIL SPACING REQUIREMENTS

Nail Size	I-Joist															
	20		30		40		50		60		70		77		90	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
8d box	3"	16"	3"	16"	2"	24"	2"	18"	2"	24"	2"	24"	2"	24"	2"	24"
8d common 10d or 12d box	3"	16"	3"	16"	2"	24"	2"	18"	2"	24"	2"	24"	2"	24"	2"	24"

### Notes:

- If more than one row of nails is required, rows must be offset by at least ½" and staggered.
- 14 gauge staples may be substituted for 8d nails if staples penetrate the I-joist at least 1".
- Do not use nails larger than those shown above when attaching sheathing to flanges of I-joists.