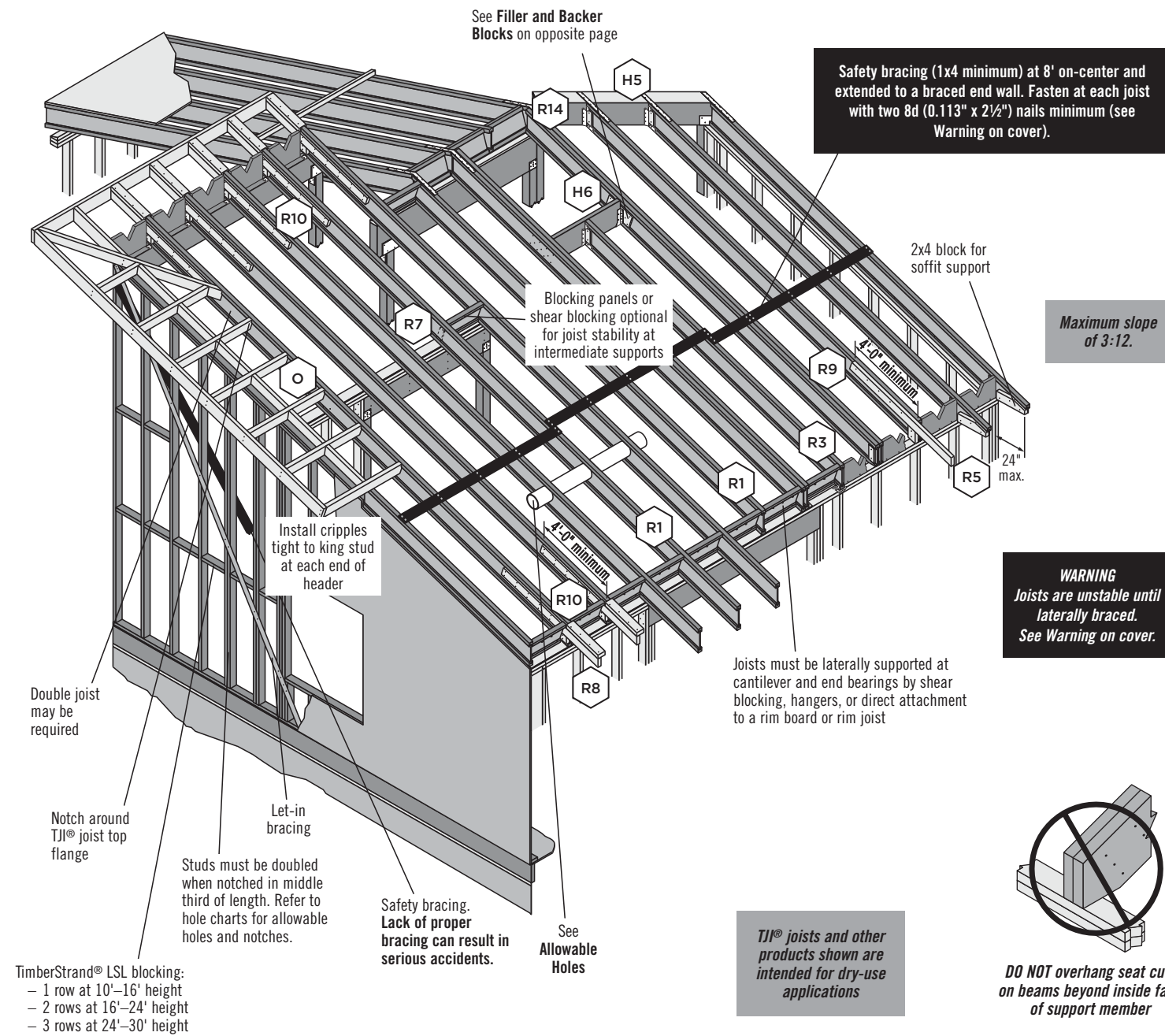
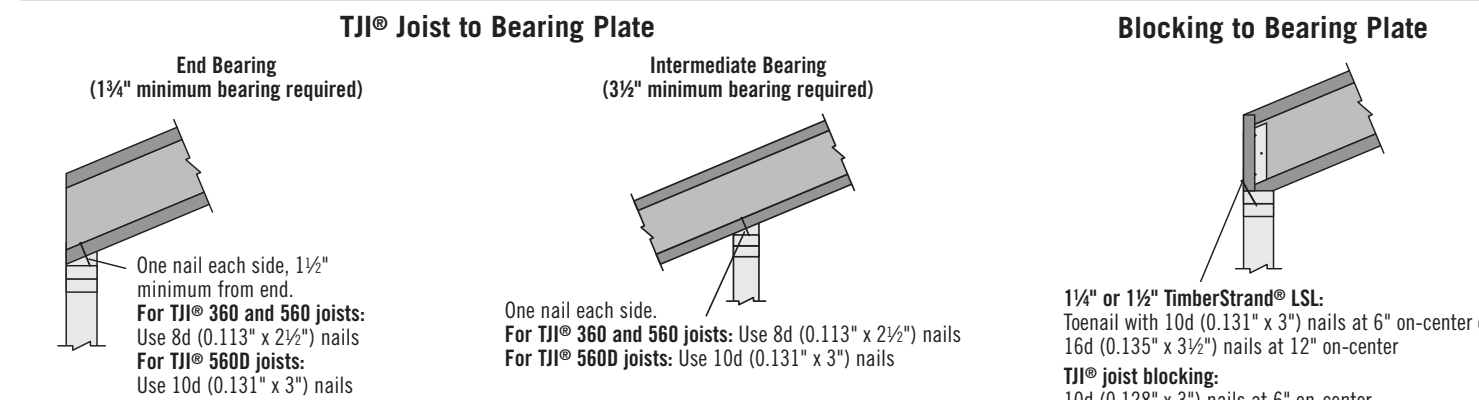


ROOF FRAMING (Maximum slope: 3:12)

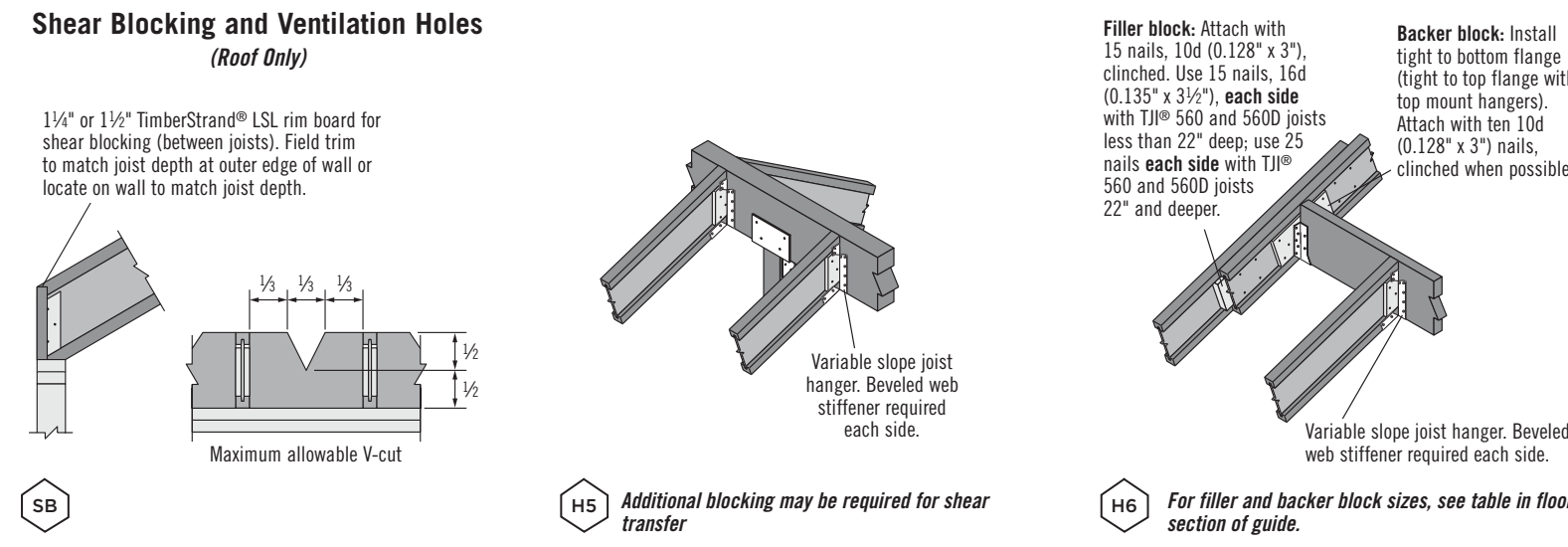
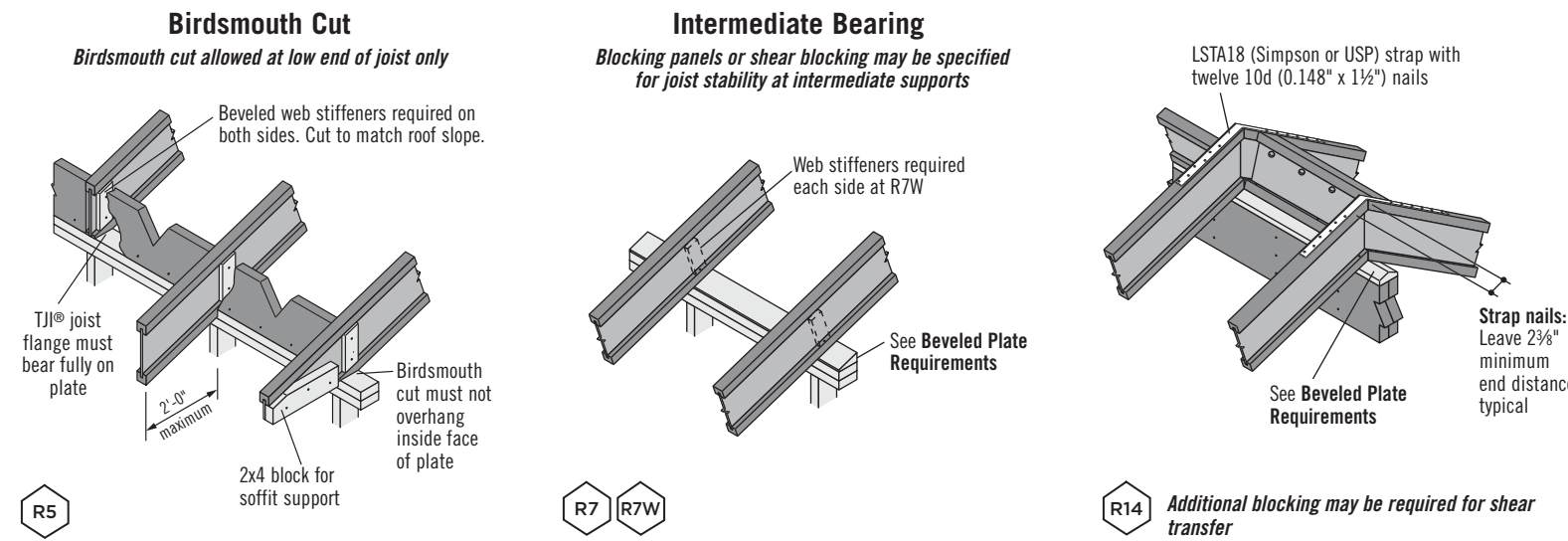
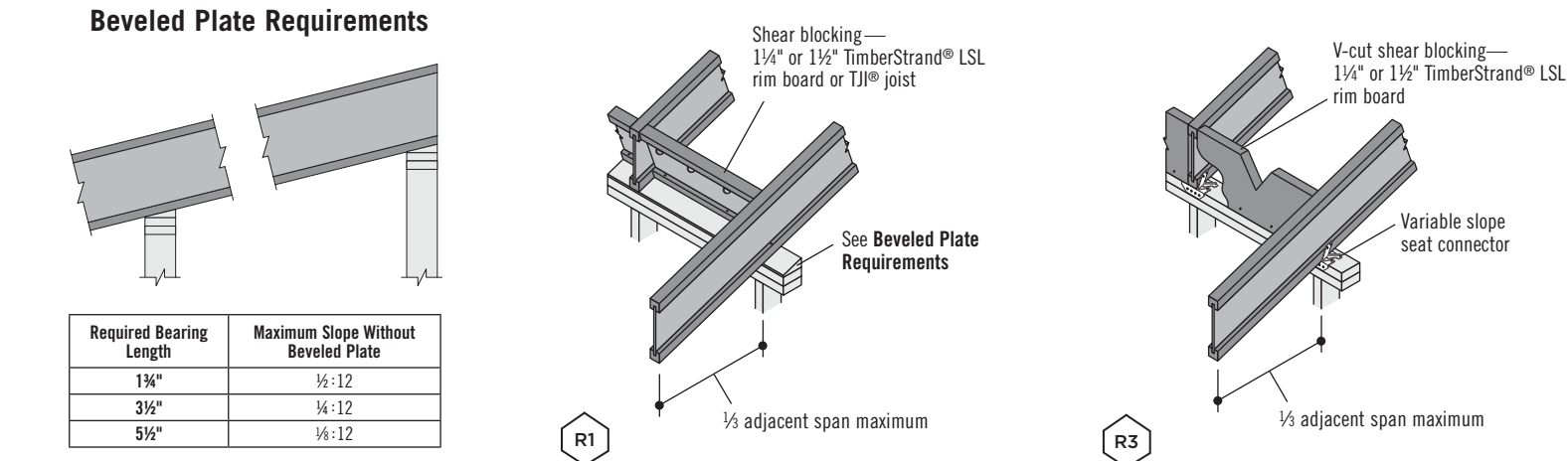


TJI® JOIST NAILING REQUIREMENTS AT BEARING



For beveled plate requirements, refer to table under Beveled Plate Requirements above

ROOF DETAILS (Maximum slope: 3:12)



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iLevel DEEP DEPTH iLEVEL® TRUS JOIST® TJI® 360, 560, & 560D JOISTS

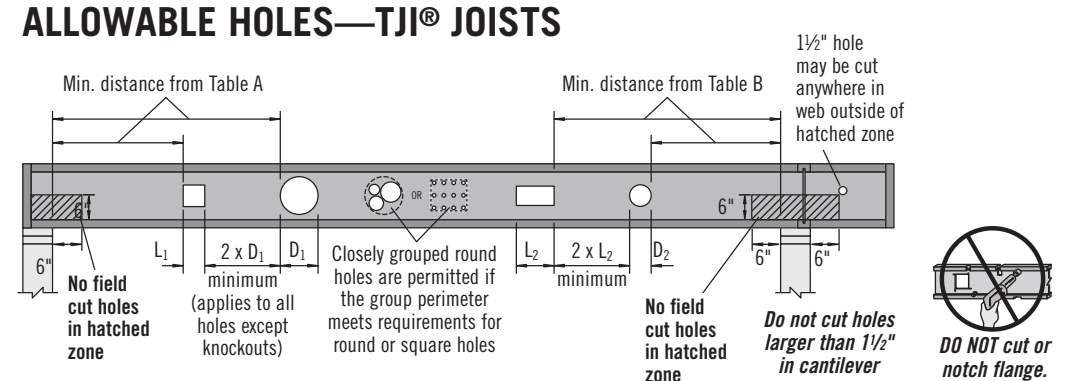
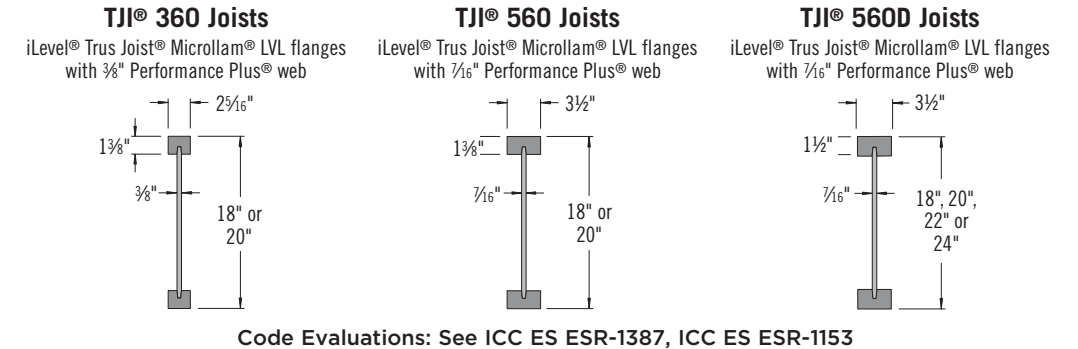


Table A—End Support
 Minimum distance from edge of hole to inside face of nearest end support

Joist Depth	TJI®	Round Hole Size										Square or Rectangular Hole Size														
		4"	6"	7"	8"	10"	12"	14 1/4"	16 1/4"	18 3/4"	20"	4"	6"	7"	8"	10"	12"	14 1/4"	16 1/4"	18 3/4"	20"					
18"	360	1'-0"	1'-0"	1'-0"	1'-0"	2'-0"	5'-0"	10'-0"							1'-0"	1'-0"	3'-0"	5'-0"	10'-0"	11'-0"	13'-6"					
	560	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	5'-0"	11'-0"							1'-0"	1'-0"	4'-0"	6'-6"	11'-0"	12'-0"	14'-6"					
	560D	1'-0"	1'-0"	1'-0"	1'-0"	1'-6"	5'-6"	11'-0"							1'-0"	1'-0"	3'-6"	5'-6"	10'-6"	11'-6"	13'-6"					
20"	360	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	2'-0"	7'-0"	10'-6"						1'-0"	1'-0"	1'-0"	2'-6"	8'-0"	11'-6"	14'-0"	15'-6"				
	560	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	7'-0"	11'-0"						1'-0"	1'-0"	1'-0"	4'-0"	9'-6"	12'-6"	14'-6"	15'-6"				
	560D	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	7'-0"	11'-0"						1'-0"	1'-0"	1'-0"	3'-0"	8'-6"	12'-0"	13'-6"	14'-6"				
22"	560D	1'-0"	1'-0"	1'-0"	1'-0"	3'-0"	4'-6"	7'-0"	9'-6"	12'-6"					1'-0"	3'-0"	4'-6"	6'-6"	14'-6"	15'-0"	16'-0"	16'-6"	17'-0"			
	560D	1'-0"	1'-0"	1'-0"	1'-0"	3'-6"	5'-0"	7'-6"	9'-0"	11'-6"	13'-0"				1'-6"	4'-0"	5'-6"	7'-0"	10'-0"	15'-0"	16'-0"	16'-6"	17'-0"	17'-0"		

Table B—Intermediate or Cantilever Support
 Minimum distance from edge of hole to inside face of nearest intermediate or cantilever support

Joist Depth	TJI®	Round Hole Size										Square or Rectangular Hole Size														
		4"	6"	7"	8"	10"	12"	14 1/4"	16 1/4"	18 3/4"	20"	4"	6"	7"	8"	10"	12"	14 1/4"	16 1/4"	18 3/4"	20"					
18"	360	1'-0"	1'-0"	1'-6"	3'-0"	6'-0"	9'-0"	15'-0"							1'-6"	4'-0"	6'-6"	9'-0"	14'-6"	16'-6"	19'-6"					
	560	1'-0"	1'-0"	1'-0"	2'-0"	6'-0"	10'-0"	16'-6"							3'-6"	6'-0"	8'-6"	11'-6"	16'-6"	18'-0"	20'-0"					
	560D	1'-0"	1'-0"	1'-0"	2'-0"	6'-0"	10'-6"	16'-6"							1'-0"	5'-6"	8'-0"	11'-0"	16'-0"	17'-0"	19'-0"					
20"	360	1'-0"	1'-0"	1'-0"	1'-0"	3'-0"	6'-0"	11'-0"	15'-6"						1'-0"	1'-6"	4'-0"	7'-0"	12'-6"	16'-6"	19'-0"	21'-0"				
	560	1'-0"	1'-0"	1'-0"	1'-0"	1'-6"	5'-6"	12'-0"	16'-0"						1'-0"	3'-0"	6'-0"	8'-6"	14'-0"	17'-6"	19'-6"	20'-6"				
	560D	1'-0"	1'-0"	1'-0"	1'-0"	1'-6"	6'-0"	12'-0"	16'-0"						1'-0"	2'-6"	5'-0"	8'-0"	13'-6"	16'-6"	18'-6"	19'-6"				
22"	560D	1'-0"	1'-0"	1'-0"	2'-0"	3'-6"	5'-6"	8'-0"	11'-0"	14'-6"	17'-6"				2'-0"	6'-0"	8'-0"	10'-0"	19'-0"	20'-0"	21'-0"	21'-6"	22'-0"			
	560D	2'-0"	4'-0"	5'-0"	5'-6"	7'-6"	9'-0"	12'-0"	14'-0"	16'-6"	18'-0"				5'-0"	8'-0"	9'-6"	11'-0"	14'-6"	20'-0"	21'-0"	21'-6"	22'-0"	22'-0"		

Leave 1/8" of web (minimum) at top and bottom of hole. **DO NOT cut joist flanges.**
 Tables are based on uniform load tables in current design literature.
 For simple span (5' minimum), uniformly loaded joists used in residential applications, one maximum size round hole may be located at the center of the joist span provided that no other holes occur in the joist.
WARNING: Drilling, sawing, sanding or machining wood products generates wood dust, a substance known to the State of California to cause cancer. For more information on Proposition 65, visit www.wy.com/inform.
#TJ-9006 INSTALLATION GUIDE

www.iLevel.com
 1.888.iLevel8 (1.888.453.8358)
 Weyerhaeuser

BUILD SAFELY
 We at iLevel are committed to working safely and want to remind you to do the same.
 We encourage you to follow the recommendations of OSHA (www.osha.gov) in the U.S. or provincial regulations (www.canohweb.org/en/) in Canada regarding:
 - Personal protective equipment (PPE) for hands, feet, head, and eyes
 - Fall protection
 - Use of pneumatic nailers and other hand tools
 - Forklift safety
 Please adhere to the iLevel product installation details, including the installation of safety bracing on unstreathed floors and roofs.

La Seguridad Ante Todo
ADVERTENCIA
Por Favor, Lea Cuidadosamente
 Las viguetas son inestables hasta que sean reforzadas lateralmente. Vea la guía de instalaciones antes de instalar las viguetas TJI®.
 - No camine sobre las viguetas hasta que sean apuntaladas.
 - No ponga materiales de construcción sobre las viguetas TJI® antes de instalar el triplay. Ponga materiales únicamente sobre vigas o muros.

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INSTALLATION GUIDE FOR DEEP DEPTH TJI® 360, 560 & 560D JOISTS
Lack of proper bracing during construction can result in serious accidents. Observe the following guidelines:
 1. Properly install all blocking, hangers, rim boards, and rim joists at joist end supports.
 2. Establish a permanent deck (sheathing), fastened to the first 4 feet of TJI® joists at the end of the bay or braced end wall.
 3. Safety bracing (1x4 minimum) must be nailed to a braced end wall or sheathed area and to each joist.
 4. Sheathing must be completely attached to each TJI® joist before additional loads can be placed on the system.
 5. Ends of cantilevers require safety bracing on both the top and bottom flanges.
 6. The flanges must remain straight within 1/2" from true alignment.
JOISTS ARE UNSTABLE UNTIL BRACED Laterally
BRACING INCLUDES: ■ Blocking ■ Hangers ■ Strut Lines ■ Sheathing ■ Rim Board ■ Rim Joist
DO NOT walk on joists until braced. Injury may result.
DO NOT stack building materials on unstreathed joists. Stack only over beams or walls.
IMPORTANT! Please read carefully. IMPORTANT! Please read carefully. IMPORTANT!

