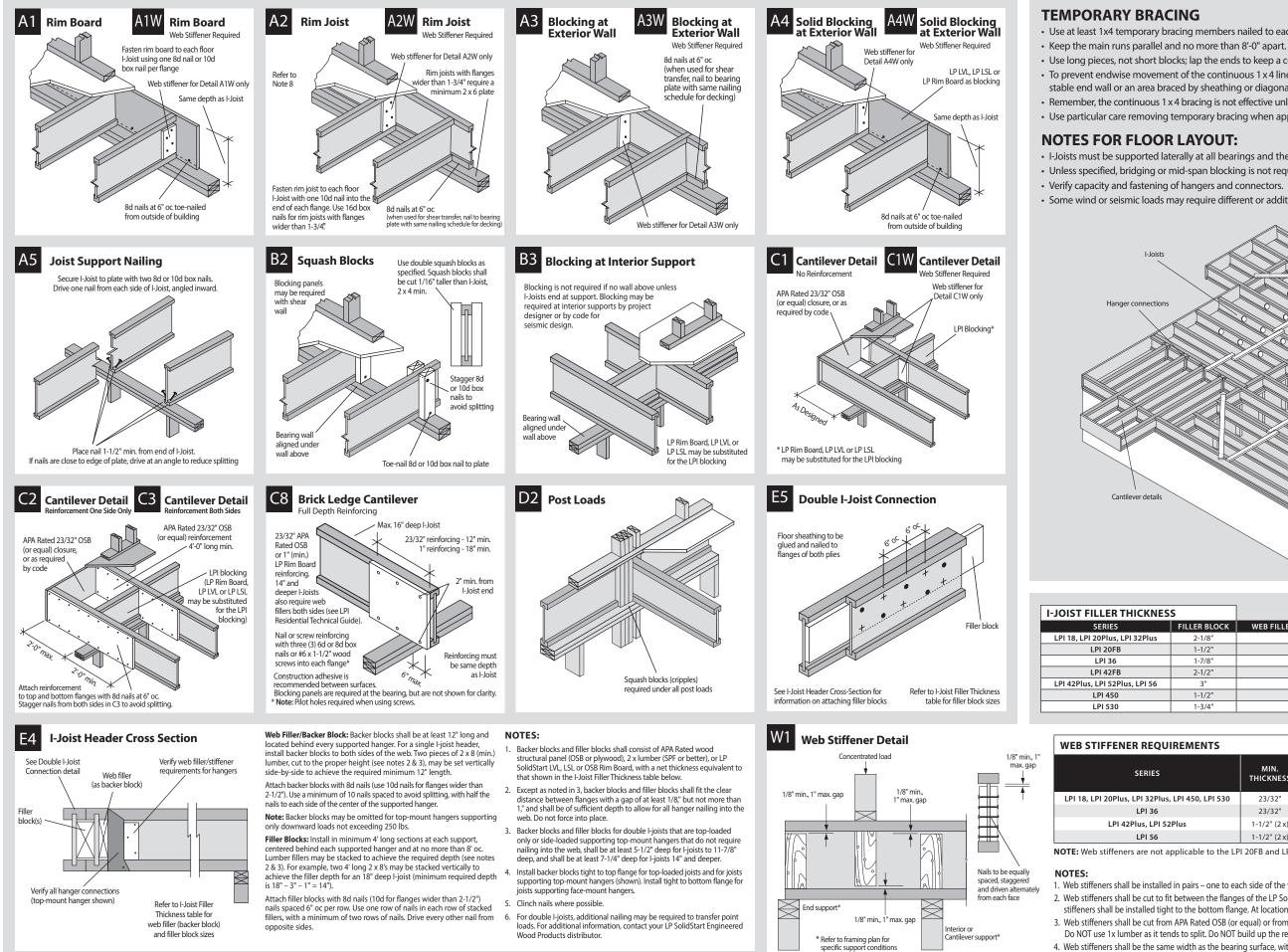
Floor Details

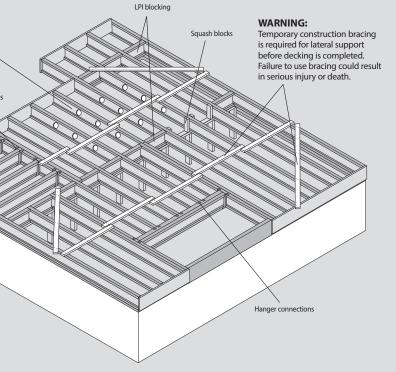


Floor Layout (typical)

- Use at least 1x4 temporary bracing members nailed to each I-Joist with two 8d nails.
- Use long pieces, not short blocks; lap the ends to keep a continuous line of bracing.
- To prevent endwise movement of the continuous 1 x 4 lines of bracing, anchor them at the ends and at 25'-0" intervals into a stable end wall or an area braced by sheathing or diagonal bracing.
- Remember, the continuous 1 x 4 bracing is not effective unless attached to the braced area.
- Use particular care removing temporary bracing when applying sheathing. Remove the bracing as the sheathing is attached.

I-loist

- I-Joists must be supported laterally at all bearings and the ends of cantilevers.
- Unless specified, bridging or mid-span blocking is not required; however, it may enhance floor performance if used properly. • Verify capacity and fastening of hangers and connectors.
- Some wind or seismic loads may require different or additional details and connections.



WEB FILLER/BACKER BLOCK
1"
23/32"
7/8"
1-1/4″
1-1/2"
23/32"
7/8"

NOTES:

- 1. Backer blocks and filler blocks shall consist of APA Rated wood structural panel (OSB or plywood), or 2x lumber (SPF or better)
- 2. LP LVL, LSL or OSB Rim Board may also be used.
- 3 Refer to the Notes for the I-Joist Header Cross-Section to the left for details on the required height and length. and nailing of the backer blocks and filler blocks.

	MIN.	NAIL	NAIL		STIFFENER H ST DEPTHS	EIGHT
	THICKNESS	SIZE	9-1/2"	11-7/8"	14"	16"
, LPI 450, LPI 530	23/32"	8d (2-1/2")	3, 6-3/8"	3, 8-3/4"	3, 10-7/8"	3, 12-7/8"
	23/32"	8d (2-1/2")	-	4, 8-3/4"	5, 10-7/8"	6, 12-7/8"
2Plus	1-1/2" (2 x)	10d (3")	3, 6-3/8"	3, 8-3/4"	3, 10-7/8"	3, 12-7/8"
	1-1/2" (2 x)	10d (3")	-	4, 8-3/4"	5, 10-7/8"	6, 12-7/8"

NOTE: Web stiffeners are not applicable to the LPI 20FB and LPI 42FB series.

- 1. Web stiffeners shall be installed in pairs one to each side of the web. Web stiffeners are always required for the "Bird's Mouth" roof joist bearing detail. 2. Web stiffeners shall be cut to fit between the flanges of the LP SolidStart I-Joist, leaving a minimum 1/8" gap (1" maximum). At bearing locations, the stiffeners shall be installed tight to the bottom flange. At locations of concentrated loads, the stiffeners shall be installed tight to the top flange. 3. Web stiffeners shall be cut from APA Rated OSB (or equal) or from LP SolidStart LVL, LSL or OSB Rim Board. 2x lumber is permissible.
- Do NOT use 1x lumber as it tends to split. Do NOT build up the required stiffener thickness from multiple pieces.
- 4. Web stiffeners shall be the same width as the bearing surface, with a minimum of 3-1/2".
- 5. See Web Stiffener Requirements for minimum stiffener thickness, maximum stiffener height and required nailing.