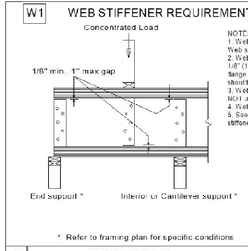
All dimensional material, typically indicated as SP or SPF, supplied by others.

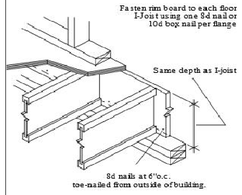
W1 WEB STIFFENER REQUIREMENTS



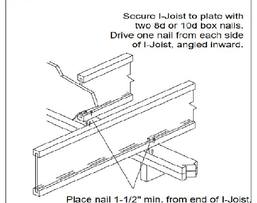
NOTES:
1. Web stiffeners, when required, must be installed in pairs - one to each side of the web. Web stiffeners are always required for the "Bird's Mouth" roof bearing detail.
2. Web stiffeners should be cut to fit between the flanges of the I-joist leaving a minimal 1/8" (1" max) gap. At bearing locations, the stiffeners should be installed tight to bottom flange with the gap to the top flange. At locations of concentrated loads, the stiffeners should be installed tight to the top flange with the gap to the bottom flange.
3. Web stiffeners should be cut from APA-rated OSB or equal, or from 2x lumber. Do NOT use 1x lumber as it tends to split.
4. Web stiffeners should be the same width as the bearing surface, with a minimal 3-1/2".
5. See product specific technical guide for minimum stiffener thickness, maximum stiffener height and required nailing.

* Refer to framing plan for specific conditions

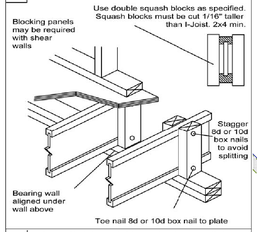
A1 RIM BOARD



A5 JOIST SUPPORT NAILING

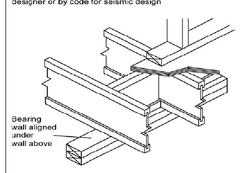


B2 SQUASH BLOCKS

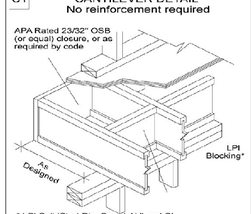


B3 BLOCKING AT INTERIOR SUPPORT

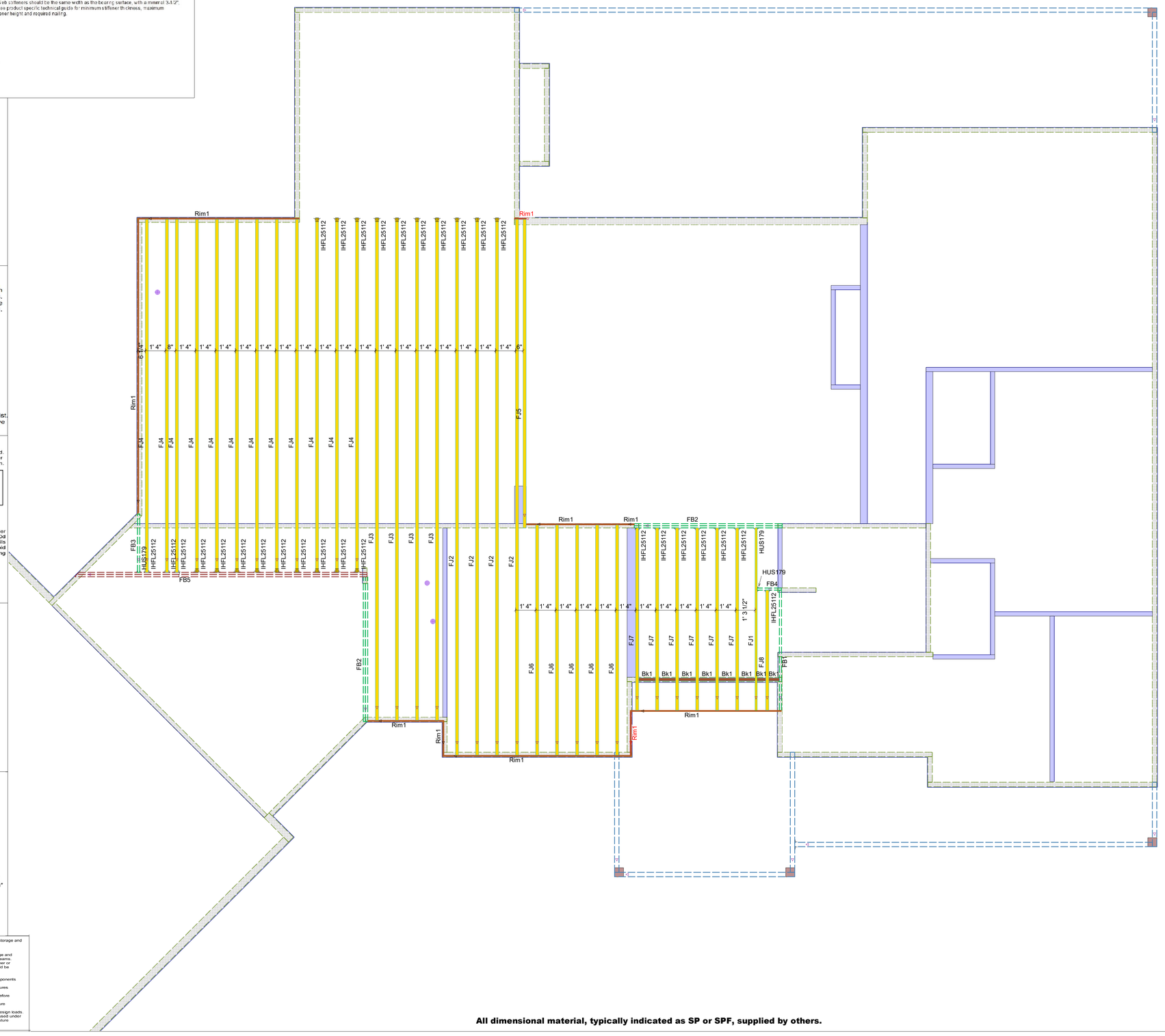
Blocking is not required if no wall above unless I-Joists end at support. Blocking may be required at interior supports by project designer or by code for seismic design



C1 CANTILEVER DETAIL
No reinforcement required



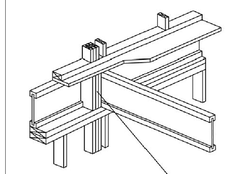
* LPI SolidStart Rim Board, LVL or LSL may be substituted for the LP Blocking



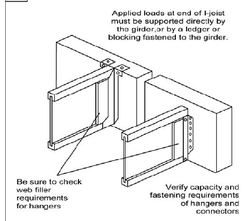
Connector Summary		
Qty	Manuf	Product
3	MiTek	HUS179
29	MiTek	IHFL25112
1	MiTek	JUS410

Products				
PlotID	Length	Product	Plies	Net Qty
FJ1	14' 0"	1-3/4X11-7/8 LP-LVL 2900Fb-2.0E	1	1
FJ2	36' 0"	11-7/8" LPI 20Plus	1	4
FJ3	34' 0"	11-7/8" LPI 20Plus	1	4
FJ4	24' 0"	11-7/8" LPI 20Plus	1	12
FJ5	22' 0"	11-7/8" LPI 20Plus	1	1
FJ6	16' 0"	11-7/8" LPI 20Plus	1	5
FJ7	14' 0"	11-7/8" LPI 20Plus	1	6
FJ8	10' 0"	11-7/8" LPI 20Plus	1	1
FB1	10' 0"	1-3/4X11-7/8 LP-LVL 2900Fb-2.0E	1	1
FB2	10' 0"	1-3/4X11-7/8 LP-LVL 2900Fb-2.0E	2	4
FB3	4' 0"	1-3/4X11-7/8 LP-LVL 2900Fb-2.0E	1	1
FB4	2' 0"	1-3/4X11-7/8 LP-LVL 2900Fb-2.0E	1	1
FB5	20' 0"	1-3/4X23-7/8 LP-LVL 2900Fb-2.0E	2	2
Rim1	12' 0"	1-1/8X11-7/8 OSB Plus	1	6
Bk1	8' 0"	11-7/8" LPI 20Plus	1	1

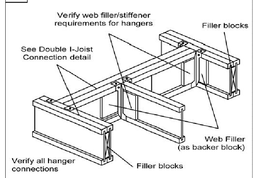
D2 POST LOADS



E2 HANGER DETAIL



E3 I-JOIST HEADER



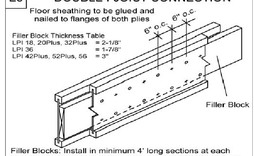
See I-Joist Header Cross-section for information on attaching web fillers and filler blocks

Refer to I-Joist Filler Thickness table for web filler (backer block) and filler block sizes

E5 DOUBLE I-JOIST CONNECTION

Floor sheathing to be glued and nailed to flanges of both plies

Filler Block Thickness Table
LPI 18, 20Plus, 32Plus = 2-1/8"
LPI 36 = 1-7/8"
LPI 42Plus, 52Plus, 56 = 3"



Filler Blocks: Install in minimum 4' long sections at each support, centered centered behind each supported hanger and at no more than 6' oc. Lumber fillers may be stacked to achieve the required depth (see notes 2 & 3). For example, two 4' long 2 x 8's may be stacked vertically to achieve the filler depth for an 18" deep I-joist (min. required depth is 18" – 3" – 1" = 14"). Attach filler blocks with 8d nails (10d for flanges wider than 2-1/2") nails spaced 6" oc per row. Use one row of nails in each row of stacked fillers, with a minimum of two rows of nails.
Drive every other nail from opposite sides.

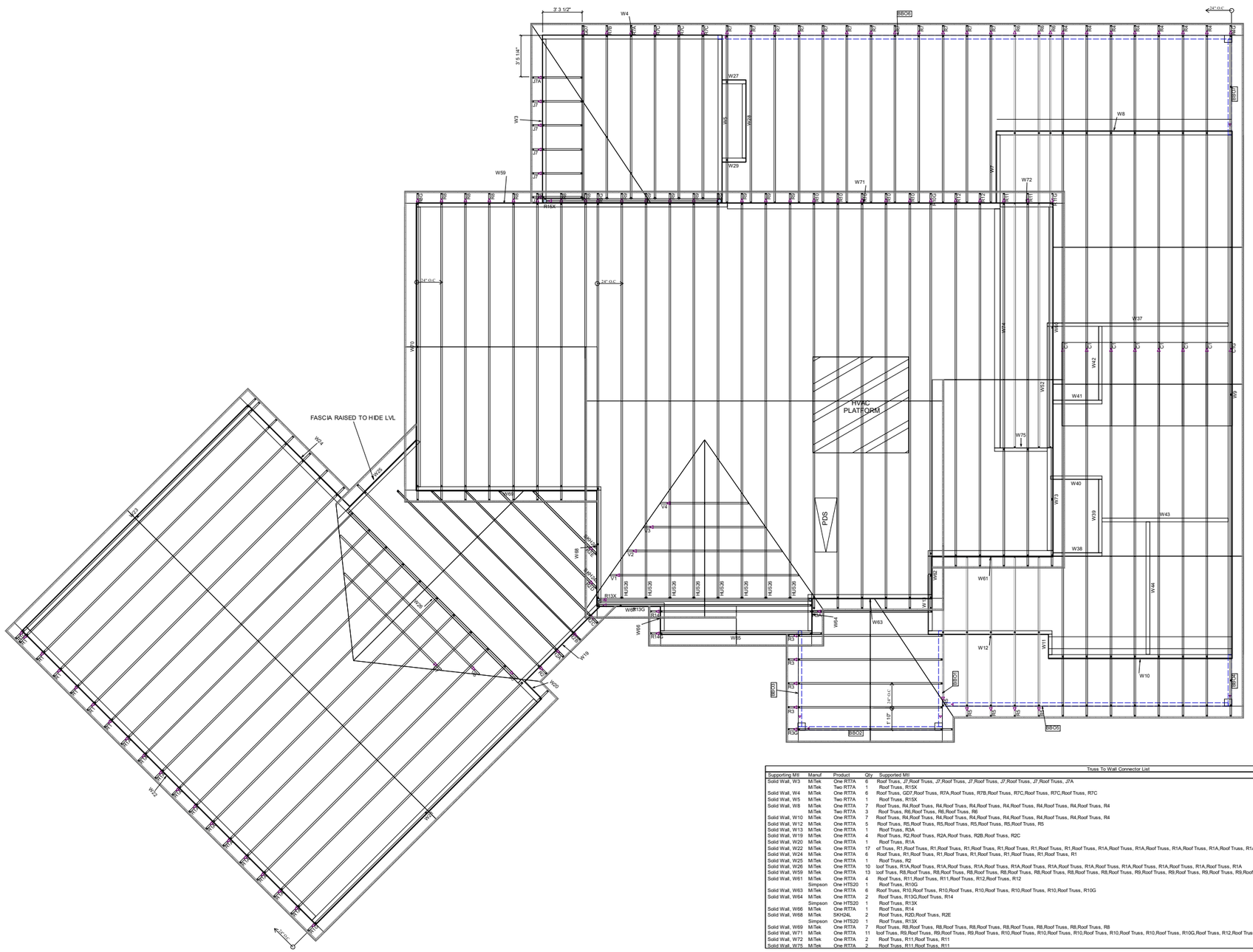
Important Notes: WARNING: Failure to follow proper procedures for handling, storage and installation could result in unsatisfactory performance, unsafe structures and possible collapse.

These instructions are offered as a guide to good practice in the handling, storage and installation of LP SolidStart Products. Consult the APA, the NFPA, and the NDS Guidelines. They are, however, solely general recommendations and, in some instances, other or additional precautions may be desirable. In all cases, the procedures used should be as specified by the architect/engineer responsible for the entire building.

- This is not intended as a manual for selecting products and assumes that components and details have been specified correctly.
- Refer to the LP SolidStart I-Joist, LP SolidStart LVL & LP SolidStart LSL brochures or contact your LP SolidStart products distributor for assistance.
- All rim joists, blocking, connections and temporary bracing must be installed before erectors are allowed on the structure.
- No loads other than the weight of the erectors are to be imposed on the structure before it is permanently sheathed.
- After sheathing, do not overload joists with construction materials exceeding design loads.
- LP SolidStart I-Joist, LP SolidStart LVL & LP SolidStart LSL beams must be used under dry, covered and well ventilated interior conditions in which the equivalent moisture content in lumber will not exceed 16%.

LOADSTAR® Structural Wood Systems

Customer:	Schumacher Homes
Job Name:	Cua, Eric DU
Model: West Point American Tradition	
Model #:	
Lot:	
Subdiv.:	
Date: 5/25/2023	
Job / Quote Number: Q015302	Designer: Brandon Clay
5/7/2020 12:00:00 AM	

All dimensional material, typically indicated as SP or SPF, supplied by others.

All dimensional material, typically indicated as SP or SPF, supplied by others.
LVL beams subject to availability.