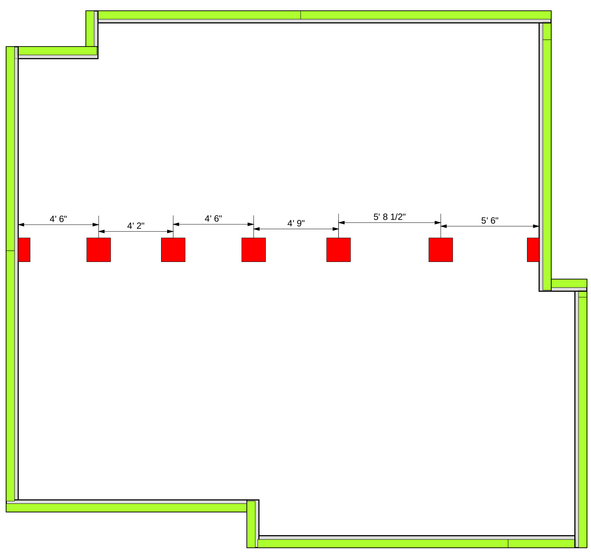
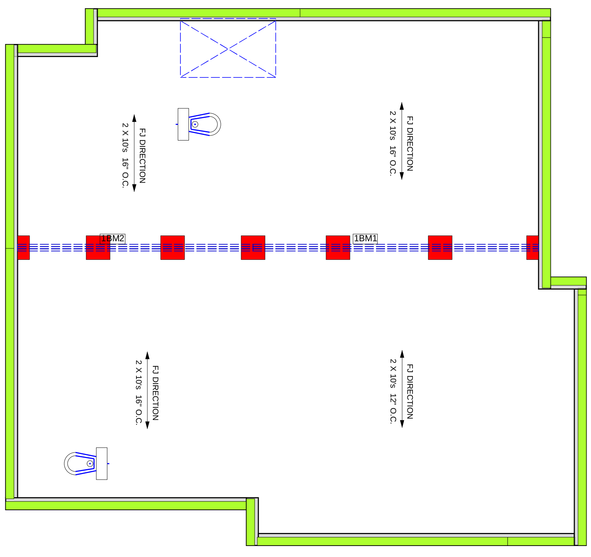


FOR HANGER NAILING REFER TO MANUFACTURER SPECIFICATIONS	**FOUNDATION**	**Plan: - - -**		
ALL TRUSSES AND DIMENSIONS ARE SET TO STUD	AGR CONSTRUCTION	Huskey Truss & Building Supply, Inc. 424 Lewisburg Pike Franklin, TN 37064 615-791-0100 www.HuskeyTruss.com	Subdivision:	NORTH 14th STREET
			Lot #:	1407
			Job #:	403315
			Drawn By:	LP
SEE ENGINEERED TRUSS PROFILES FOR REQUIRED BEARING ENHANCEMENT AND MULTI-PLY FASTENERS			Drawn Date:	3/25/2022
			Revision Date:	-
			Checked By:	-
			Checked Date:	-



Products				
PlotID	Length	Product	Plies	Net Qty
1J1	18' 0"	2x10 SP No.2	1	15
1J2	18' 0"	2x10 SP No.2	2	2
1J3	16' 0"	2x10 SP No.2	1	2
1J4	16' 0"	2x10 SP No.2	2	9
1J5	14' 0"	2x10 SP No.2	2	15
1J6	14' 0"	2x10 SP No.2	1	8
1J7	12' 0"	2x10 SP No.2	1	3
1J8	14' 0"	2x10 SP No.2	2	3
1BM1	16' 0"	2x10 SP No.2	3	3
1BM2	14' 0"	2x10 SP No.2	3	3
Oa1	12' 0"	2x10 SP No.2	1	11
BK1	2' 0"	2x10 SP No.2	1	32

Accessories			
PlotID	Length	Product	Plies	Net Qty
		4x8 3/4" ADVANTECH OSB T&G	1	29

Connector Summary			
Qty	Manuf	Product	Flange
1	USP	JUS28	None

FOR HANGER NAILING
REFER TO MANUFACTURER
SPECIFICATIONS

ALL TRUSSES
AND DIMENSIONS
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FLOOR 1

Plan: - - -

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Revision Date:	-
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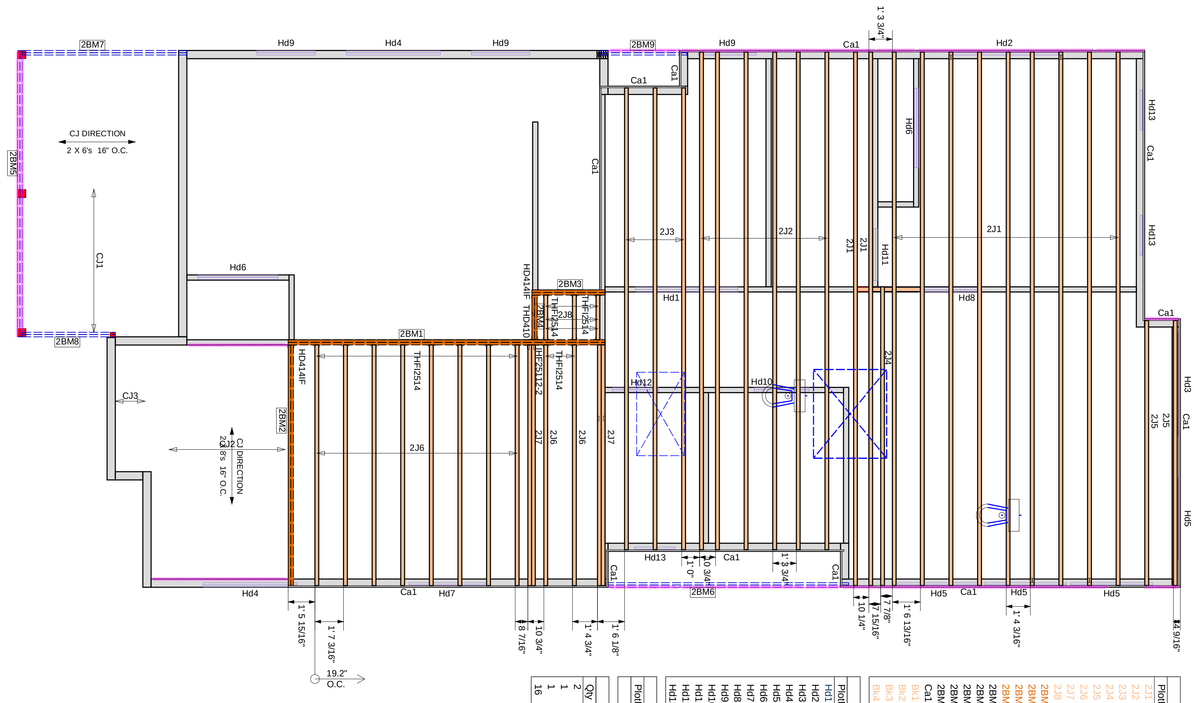

PlotID	Length	Product	Plies	Net Qty
2J1	13' 5 3/8"	1-3/4X14 LP-LVL 2900Fb-2.0E	2	2
2J2	27' 9 3/4"	1-3/4X14 LP-LVL 2900Fb-2.0E	2	2
2J3	26' 9 3/4"	1-3/4X14 LP-LVL 2900Fb-2.0E	2	2
2J4	16' 8 3/8"	1-3/4X14 LP-LVL 2900Fb-2.0E	2	2
2J5	14' 9 3/4"	1-3/4X14 LP-LVL 2900Fb-2.0E	2	2
2J6	13' 5 3/8"	1-3/4X14 LP-LVL 2900Fb-2.0E	2	2
2J7	13' 5 3/8"	1-3/4X14 LP-LVL 2900Fb-2.0E	2	2
2BM1	17' 8 1/2"	1-3/4X14 LP-LVL 2900Fb-2.0E	2	2
2BM2	13' 5 3/8"	1-3/4X14 LP-LVL 2900Fb-2.0E	2	2
2BM3	4' 1"	1-3/4X14 LP-LVL 2900Fb-2.0E	2	2
2BM4	2' 5 15/16"	1-3/4X14 LP-LVL 2900Fb-2.0E	2	2
2BM5	18' 0"	2x10 SP No.2	2	2
2BM6	14' 0"	2x10 SP No.2	2	2
2BM7	10' 0"	2x10 SP No.2	2	2
2BM8	5' 2 1/2"	2x10 SP No.2	2	2
2BM9	4' 10 1/2"	2x10 SP No.2	2	2
Ca1	12' 0"	1-1/8X14 LP-OSB Plus	1	11
Bk1	1' 4 5/16"	14" LPI 20Plus	1	1
Bk2	5' 7 1/16"	14" LPI 20Plus	1	1
Bk3	5' 7 1/16"	14" LPI 20Plus	1	1
Bk4	5' 3/8"	14" LPI 20Plus	1	1

PlotID	Length	Product	Plies	Net Qty
Hd1	5' 8 1/2"	1-3/4X14 LP-LVL 2900Fb-2.0E	2	2
Hd2	6' 0"	2x10 SP No.2	2	2
Hd3	5' 9"	2x10 SP No.2	2	2
Hd4	5' 3"	2x10 SP No.2	2	2
Hd5	4' 7"	2x10 SP No.2	2	4
Hd6	4' 5 1/2"	2x10 SP No.2	2	8
Hd7	4' 3"	2x10 SP No.2	2	4
Hd8	3' 4"	2x10 SP No.2	2	2
Hd9	3' 3"	2x10 SP No.2	2	6
Hd10	3' 1"	2x10 SP No.2	2	2
Hd11	2' 11"	2x10 SP No.2	2	2
Hd12	2' 7"	2x10 SP No.2	2	2
Hd13	2' 3"	2x10 SP No.2	2	6

PlotID	Length	Product	Plies	Net Qty
		Accessories		
		448 3/4 HUBER BLUE PLUS	1	37

Qty	Manuf	Connector Summary Product	Flange
2	USP	HD414F	Reverse
1	USP	THF2512-2	None
1	USP	THF2514	None
16	USP	THF2514	None

FOR HANGER NAILING
REFER TO MANUFACTURER
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AND MULTI-PLY FASTENERS

FLOOR 2

Plan: - - -

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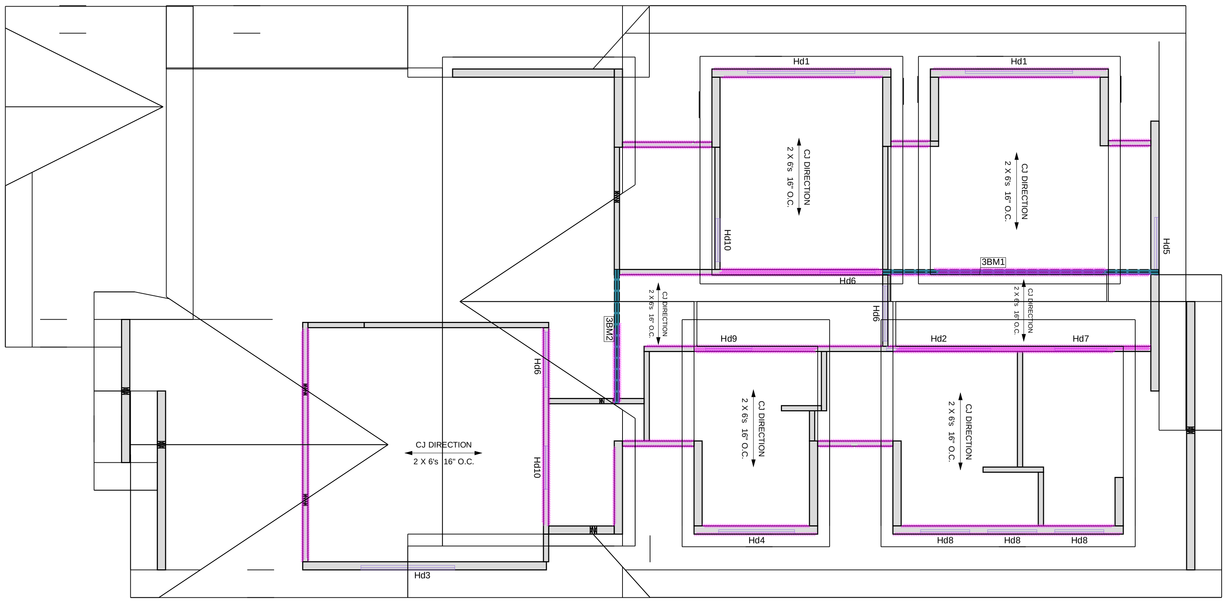
Subdivision:	NORTH 14th STREET
Lot #:	1407
Job #:	403315
Drawn By:	LP
Drawn Date:	3/25/2022
Revision Date:	-
Checked By:	-
Checked Date:	-



PartID	Length	Product	Plies	Net Qty
3BM1	13' 7 7/16"	1-3/4X11-7/8 LP-LVL 2900Fb-2.0E	2	2
3BM2	7' 6"	1-3/4X11-7/8 LP-LVL 2900Fb-2.0E	2	2

Wall Framing				
PartID	Length	Product	Plies	Net Qty
Hd1	6' 0"	2x10 SP No.2	2	4
Hd2	5' 10"	2x10 SP No.2	2	2
Hd3	5' 3"	2x10 SP No.2	2	2
Hd4	4' 3"	2x10 SP No.2	2	2
Hd5	3' 3"	2x10 SP No.2	2	2
Hd6	3' 1"	2x10 SP No.2	2	6
Hd7	2' 11"	2x10 SP No.2	2	2
Hd8	2' 9"	2x10 SP No.2	2	6
Hd9	2' 7"	2x10 SP No.2	2	2
Hd10	2' 5"	2x10 SP No.2	2	4

Connector Summary		
Qty	Manuf	Product
30	USP	JUS28

Flange
None

FOR HANGER NAILING REFER TO MANUFACTURER SPECIFICATIONS	**ROOF**	**Plan: - - -**
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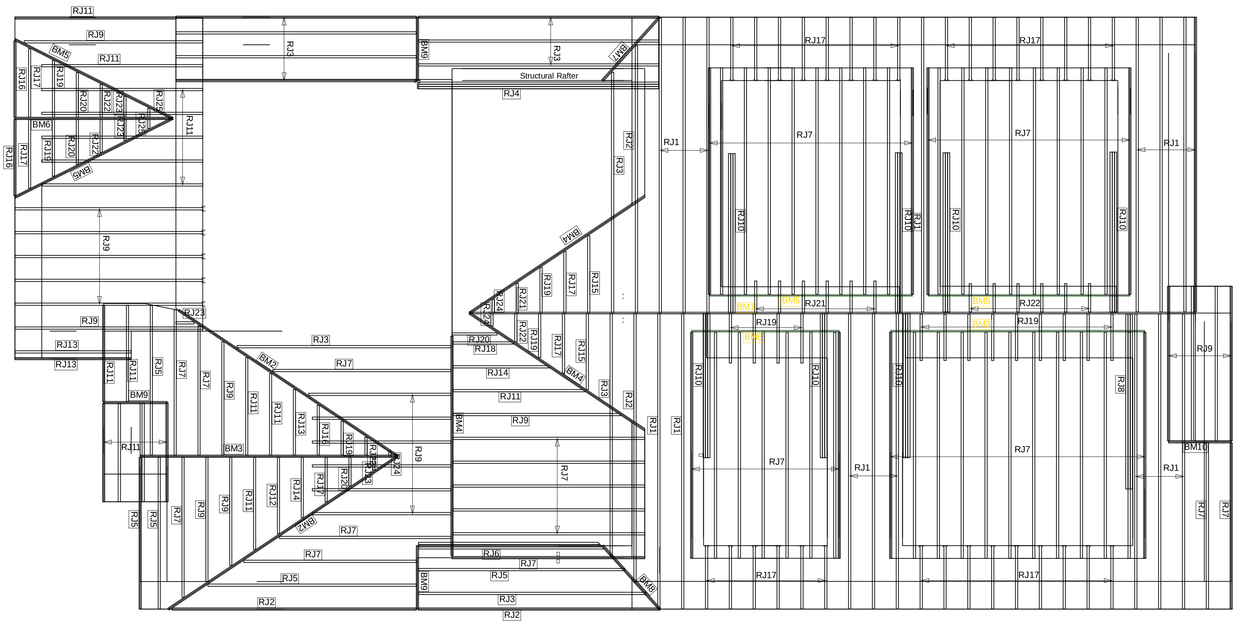
Job #:	403315
Drawn By:	KB
Drawn Date:	3/23/2022
Revision Date:	-
Checked By:	-
Checked Date:	-



Products				
PlotID	Length	Product	Plies	Net Qty
BM1	40' 6 15/16"	1-3/4X11-7/8 LP-LVL 2900Fb-2.0E	1	1
BM2	40' 6 15/16"	2x12 SP No.2	1	1
BM3	16' 0"	2x12 SP No.2	1	2
BM4	14' 0"	2x12 SP No.2	1	3
BM5	12' 0"	2x12 SP No.2	1	4
BM6	10' 0"	2x12 SP No.2	1	2
BM7	5' 11 3/4"	2x12 SP No.2	1	1
BM8	5' 11 12/16"	2x12 SP No.2	1	1
BM9	3' 6 1/2"	2x12 SP No.2	1	3
BM10	3' 6"	2x12 SP No.2	1	1
RJ1	22' 0"	2x6 SP No.2	1	16
RJ2	20' 0"	2x6 SP No.2	1	4
RJ3	18' 0"	2x6 SP No.2	1	11
RJ4	18' 0"	2x6 SP No.2	3	5
RJ5	16' 0"	2x6 SP No.2	3	3
RJ7	14' 0"	2x6 SP No.2	1	54
RJ8	14' 0"	2x6 SP No.2	3	3
RJ9	12' 0"	2x6 SP No.2	1	21
RJ10	12' 0"	2x6 SP No.2	3	21
RJ11	10' 0"	2x6 SP No.2	1	17
RJ12	8' 0"	2x6 SP No.2	1	1
RJ13	7' 0"	2x6 SP No.2	1	3
RJ14	6' 6"	2x6 SP No.2	1	2
RJ15	6' 0"	2x6 SP No.2	1	2
RJ16	5' 6"	2x6 SP No.2	1	3
RJ17	5' 0"	2x6 SP No.2	1	36
RJ18	4' 6"	2x6 SP No.2	1	3
RJ19	4' 0"	2x6 SP No.2	1	18
RJ20	3' 6"	2x6 SP No.2	1	4
RJ21	3' 0"	2x6 SP No.2	1	7
RJ22	2' 6"	2x6 SP No.2	1	10
RJ23	2' 0"	2x6 SP No.2	1	1
RJ24	1' 6"	2x6 SP No.2	1	1
RJ25	1' 0"	2x6 SP No.2	1	2

Connector Summary		
Qty	Manuf	Product
69	N/A	N/A
1	N/A	None
	None	

THIS IS A PLACEMENT DRAWING ONLY.
SPANS AND BRACING ARE BASED PER CODES AND SOUTHERN PINE COUNCIL SPAN CHARTS.
HIPS,VALLEYS AND RIDGES ASSUME POST DOWNS PER BUILDING CODES.

FOR HANGER NAILING REFER TO MANUFACTURER SPECIFICATIONS

ALL TRUSSES AND DIMENSIONS ARE SET TO STUD

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ROOF

AGR CONSTRUCTION

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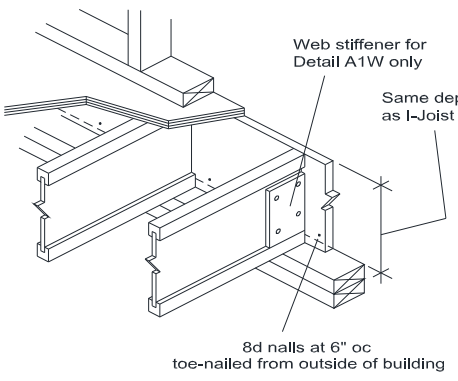
A1 RIM BOARD

Fasten rim board to each floor I-Joist using one 8d box nail or 10d box nail per flange



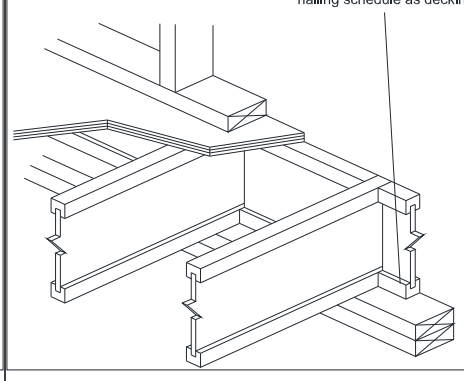
A1W RIM BOARD

Web Stiffener Required

Fasten rim board to each floor I-Joist using one 8d box nail or 10d box nail per flange

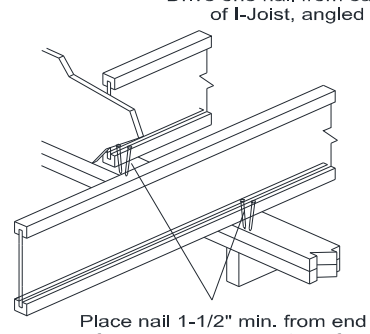
A3 BLOCKING AT EXTERIOR WALL

8d nail at 6" o.c.
(when used for shear transfer nail to bearing plate with same nailing schedule as decking)



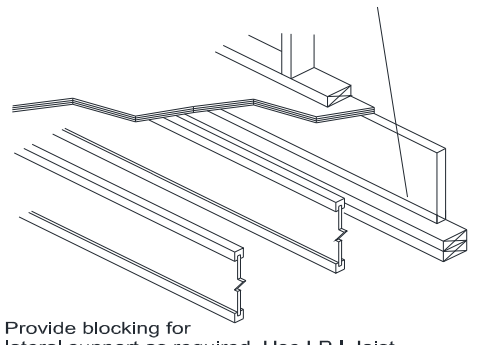
A5 JOIST SUPPORT NAILING

Secure I-Joist to plate with two 8d or 10d box nails. Drive one nail from each side of I-Joist, angled inward.

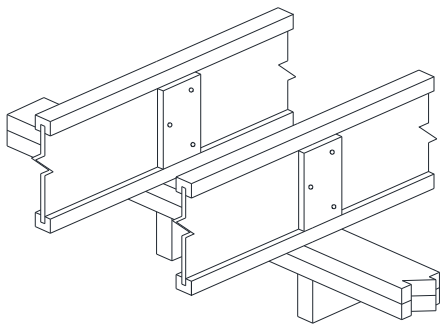


A7 SOLID RIM AS STARTER JOIST

Fasten rim board to each floor I-Joist using one 8d nail or 10d box nail per flange



B1 WEB STIFFENERS AT INTERIOR SUPPORT (When Required)

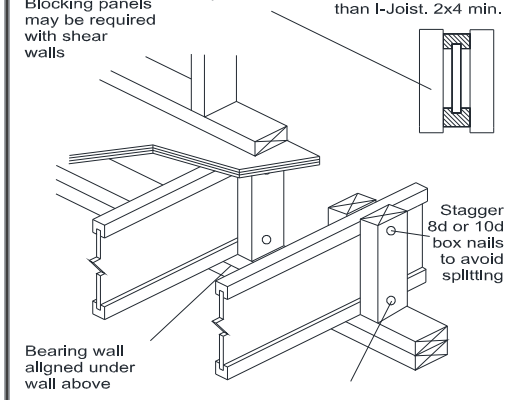


Verify stiffener requirements

B2 SQUASH BLOCKS

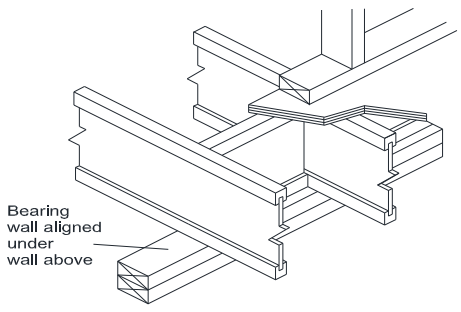
Use double squash blocks as specified. Squash blocks must be cut 1/16" taller than I-Joist. 2x4 min.

Blocking panels may be required with shear walls



B3 BLOCKING AT INTERIOR SUPPORT

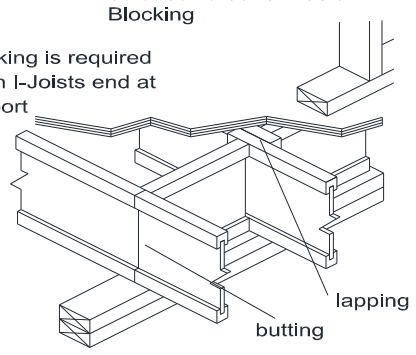
Blocking is not required if no wall above unless I-Joists end at support. Blocking may be required at interior supports by project designer or by code for seismic design



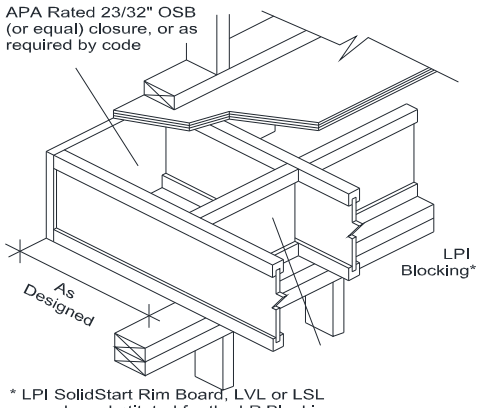
B3c I-JOIST END OVER INTERIOR SUPPORT

LP LSL, LP LVL or LP Rim may be substituted for I-Joist Blocking

Blocking is required when I-Joists end at support

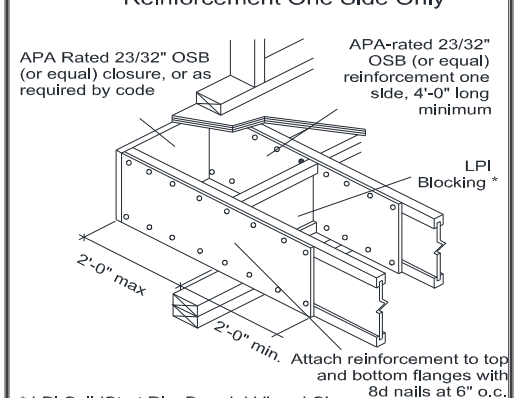


C1 CANTILEVER DETAIL No reinforcement required



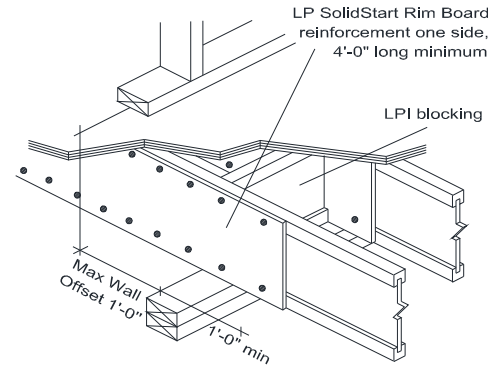
* LPI SolidStart Rim Board, LVL or LSL may be substituted for the LP Blocking

C2 CANTILEVER DETAIL 23/32" OSB (or equal) Reinforcement One Side Only



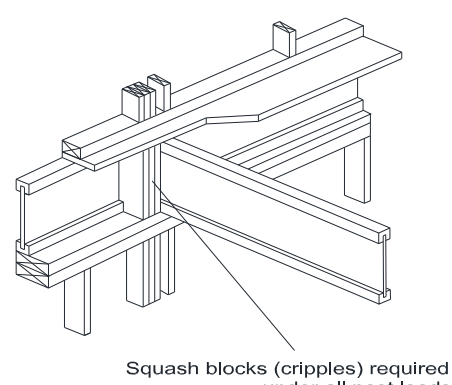
* LPI SolidStart Rim Board, LVL or LSL may be substituted for the LP Blocking

D1 INTERIOR REINFORCING Non-Stacking Walls



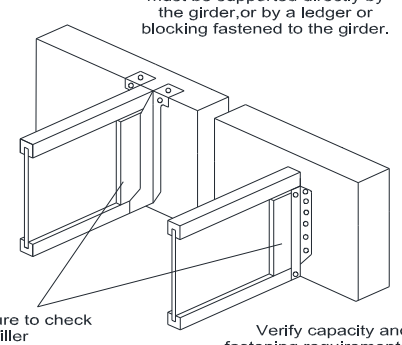
Attach reinforcement to top and bottom flanges with 8d nails at 6" oc

D2 POST LOADS

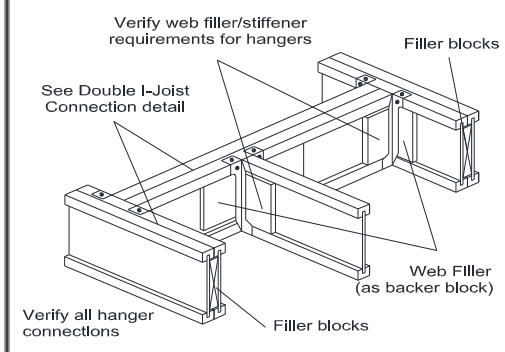


E2 HANGER DETAIL

Applied loads at end of I-joist must be supported directly by the girder,or by a ledger or blocking fastened to the girder.



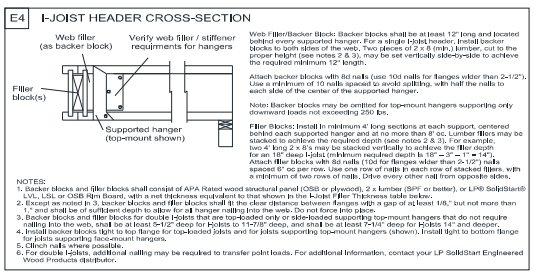
E3 I-JOIST HEADER



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

E4 I-JOIST HEADER CROSS-SECTION



Web Filler/Backer Blocks Backer blocks shall be at least 12" long and located behind every supported hanger. For a single I-Joist header, install backer blocks to both sides of the web. Two pieces of 2 x 8 (min.) lumber, cut to the proper height (see notes 2 & 3), may be set vertically side-by-side to achieve the required minimum 12" length.

Attach backer blocks with 8d nails (use 10d nails for flanges wider than 2-1/2"). Use a minimum of 10 nails spaced to avoid splitting, with half the nails to each side of the center of the supported hanger.

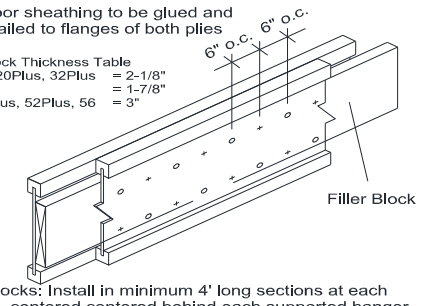
Note: Backer blocks may be omitted for top-mount hangers supporting only downward loads not exceeding 250 lbs.

Filler Blocks: Install in minimum 4' long sections at each support, centered behind each supported hanger and at no more than 8' 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 (minimum 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.

NOTES:
1. Backer blocks and filler blocks shall consist of APA Rated wood structural panel (OSB or plywood), 2 x lumber (SPF or better), or LP® SolidStart® LVL, LSL or OSB Rim Board, with a net thickness equivalent to that shown in the I-Joist Filler Thickness table below.
2. Except as noted in 3, backer blocks and filler blocks shall fit the clear distance between flanges with a gap of at least 1/8," but not more than 1," and shall be of sufficient depth to allow for all hanger nailing into the web. Do not force into place.
3. Backer blocks and filler blocks for double I-Joists that are top-loaded only or side-loaded supporting top-mount hangers that do not require nailing into the web, shall be at least 5-1/2" deep for I-Joists to 11-7/8" deep, and shall be at least 7-1/4" deep for I-Joists 14" and deeper.
4. Install backer blocks tight to top flange for top-loaded joists and for joists supporting top-mount hangers (shown). Install tight to bottom flange for joists supporting face-mount hangers.
5. Clinch nails where possible.
6. For double I-Joists, additional nailing may be required to transfer point loads. For additional information, contact your LP SolidStart Engineered Wood Products distributor.

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"

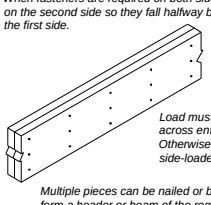
Filler Blocks: Install in minimum 4' long sections at each support, centered centered behind each supported hanger and at no more than 8' oc. Lumber fillers may be stacked to achieve the required depth (see notes 2 & 3). For example, two 4' long 2 x 8's may be stacked vertically to achieve the filler 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.

Fastener Installation Requirements
For Multiple 1¾" Pieces of Top-Loaded Beams

2 Ply Members
3 Rows* 10d (0.128" x 3") Nails @ 12" o.c. - One Side
3 Ply Members
3 Rows* 10d (0.128" x 3") Nails @ 12" o.c. - Both Sides
4 Ply Members
2 Rows 6¾" SDW22 Screws @ 24" o.c.

* An Additional Row of Nails is Required With Depths of 14" or Greater

When fasteners are required on both sides, stagger fasteners on the second side so they fall halfway between fasteners on the first side.



Load must be applied evenly across entire beam width. Otherwise, use connections for side-loaded beams

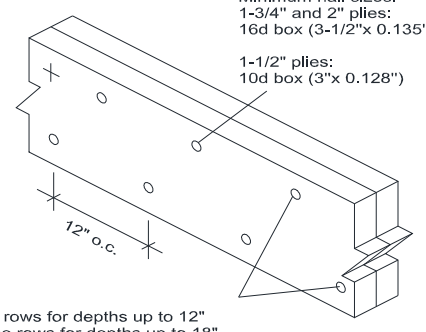
Multiple pieces can be nailed or bolted together to form a header or beam of the required size, up to a maximum width of 7"

P1 TOP LOADED BEAM- NAILED CONNECTION

(See Connection Assemblies for more details)

Minimum nail sizes:
1-3/4" and 2" plies:
16d box (3-1/2"x 0.135")

1-1/2" plies:
10d box (3"x 0.128")



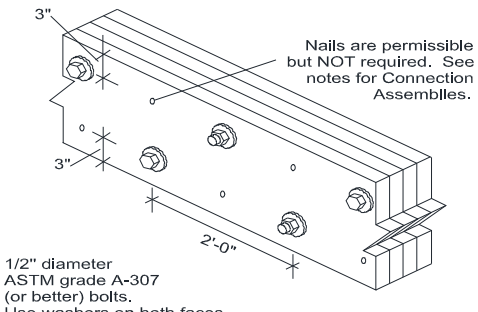
Two rows for depths up to 12"
Three rows for depths up to 18"

Framing is applied to top of the beam so that each ply carries an equal load

P2 TOP LOADED BEAM- BOLTED CONNECTION

(See Connection Assemblies for more details)

Framing is applied to top of the beam so that each ply carries an equal load



1/2" diameter
ASTM grade A-307
(or better) bolts.
Use washers on both faces.

Fastener Installation Requirements
For Multiple 1¾" Pieces of Side-Loaded Beams
Maximum Uniform Load Applied to Either Outside Member (lbs)

Fastener Type	Number of Rows	Fastener On-Center Spacing	Fastener Pattern: 3 1/2" wide, 2 ply	Fastener Pattern: 5 1/4" wide, 3 ply	Fastener Pattern: 7" wide, 4 ply
10d (0.128" x 3") Nail(1)	3	12"	555	***415***	
	4	12"	740	***555***	
6 3/4" SDW22	3	12"			1,200

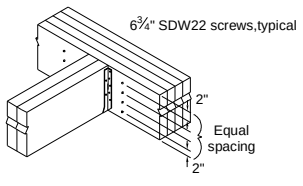
**** Bold italic cells indicate that fastener pattern must be installed from both sides ****

(1) Nailed connection values may be doubled for 6" on-center or tripled for 4" on-center nail spacing.

Fastener Installation Requirements
For Multiple 1¾" Pieces of Side-Loaded Beams
Maximum Point Load Applied to Either Outside Member (lbs)

8 Screw Connection Value = 3,200 lbs.
16 Screw Connection Value = 6,400 lbs.
· Additional rows would be required.

8- Screw Connection



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