

DN01 DO NOT cut, notch or drill flanges

DN04 DO NOT cut holes near bearing support

Minimum distance per Boise joist hole chart.

F05 23/32" min. plywood/OSB or rimboard closure

Nail with 8d nails into each flange. BCI® joist blocking required for cantilever.

F18 See Boise literature for vertical load capacity.

Backer Block for Horizontal Siding and Stucco. Nail Boise rim joist with 2 1/2" (8d) nails at 6" o.c.

F06 Load bearing wall above (stacked over wall below)

BCI® Joist Blocking. See Boise literature for vertical load capacity.

F16-C Web stiffeners are not required when top flange is laterally supported by joist hanger.

0.6 X Joist depth

F07 See Boise literature for vertical load capacity.

Boise Rimboard. Nail Boise Rimboard to BCI® joist with 8d nail into each flange.

F08

Solid block all posts from above to bearing below.

F08-A

Solid block all posts from above to bearing below.

F09 Load bearing wall above (stacked over wall below)

1/16" 2x block

F10 Backer block (12" wide min.) Nail with 10-10d nails. Install tight to top flange.

Joist hanger. Filler block. Nail with 10-10d nails. Backer block required where top mount hanger load exceeds 250 lbs. Install tight to top flange.

F16-E Stiffeners are required on both sides of the web when:

- Hangers with side nailing.
- Any hanger with sides not containing the top flange of the joist.
- Web stiffener nailed with 3 - 3" (10d) nails for 9 1/2" and 11 7/8" joists, and 5 - 3" (10d) nails for 14" & 16" joists.

Web Stiffener Boise Rim Board

For Point Load from above: Install web stiffeners tight against top flange with 1/8" gap between bottom flange

F58-B Double BCI® Joist Connection

Web-Filler Nailing 12" OC

Connection valid for all applications. Contact Boise EWP Engineering for specific conditions.

Backer and Filler Block Dimensions		
BCI® Joist Series	Backer Block Thickness	Filler Block Thickness
5000s 1.8	3/4" or 7/8" wood panels	Two 3/4" wood panels or 2 x ...
6000s 1.8	1-1/8" or two 1/2" wood panels	2 x ... + 5/8" or 3/4" wood panel
6500s 1.8	1-1/8" or two 1/2" wood panels	2 x ... + 5/8" or 3/4" wood panel
80 2.0	1-1/8" or two 1/2" wood panels	2 x ... + 5/8" or 3/4" wood panel
90 2.0	2 x ... lumber	Double 2 x ... lumber

Products				
PlotID	Length	Product	Plies	Net Qty
1	21' 0"	14" BCI® 4500s-1.8	1	2
2	20' 0"	14" BCI® 4500s-1.8	1	2
3	20' 0"	14" BCI® 4500s-1.8	1	1
4	20' 0"	14" BCI® 4500s-1.8	1	1
5	20' 0"	14" BCI® 4500s-1.8	2	4
6	19' 0"	14" BCI® 4500s-1.8	1	1
7	18' 0"	14" BCI® 4500s-1.8	1	1
10	16' 0"	14" BCI® 4500s-1.8	1	1
8	16' 0"	14" BCI® 4500s-1.8	1	1
9	16' 0"	14" BCI® 4500s-1.8	1	4
11	39' 0"	14" BCI® 6000s-1.8	1	7
12	21' 0"	14" BCI® 6000s-1.8	1	3
13	20' 0"	14" BCI® 6000s-1.8	1	8
14	20' 0"	14" BCI® 6000s-1.8	1	4
15	2' 0"	14" BCI® 4500s-1.8	1	1
16	2' 0"	14" BCI® 4500s-1.8	2	2
DB1	7' 0"	1-3/4" x 9-1/4" VERSA-LAM® LVL 2.1E 3100 SP	2	2
DB2	6' 0"	1-3/4" x 9-1/4" VERSA-LAM® LVL 2.1E 3100 SP	2	2
GDH	21' 0"	1-3/4" x 11-7/8" VERSA-LAM® LVL 2.1E 3100 SP	2	2
17	19' 0"	1-3/4" x 14" VERSA-LAM® LVL 2.1E 3100 SP	4	4
Rm-1	12' 0"	1" x 14" BC RIM BOARD OSB	1	9
Bk1	2' 0"	14" BCI® 4500s-1.8	1	14

Connector Summary			
PlotID	Qty	Manuf	Product
H1	4	Simpson	IUS1.81/14
H2	8	Simpson	IUS2.37/14
H3	2	Simpson	IUS3.56/9.5
*	80	TrussLok	FMFL634*

Plan Information

Lot Number: 82 Woodgrove

Model: Hayden B

Builder: DR Horton Express

Boise BC FRAMER II / SAPPHIRE Structure

Plan Date: 01/22/21

Structural Date: 11/24/21

Not To Scale By: CK

Sheet: 2/4 Current Date: 07/07/2023

***** ANY CONCEALED FLANGE HANGERS MUST BE INSTALLED PRIOR TO SETTING THE CARRIED MEMBERS! *****

International Residential Code - R502.8.2 Engineered Wood Products - - - Cuts, notches and holes bored in trusses, laminated veneer lumber, glue-laminated members or I-joists are not permitted unless such penetrations are specifically considered in the design of the member or meet the manufacturers guidelines.

Builder or framer should review this material placement layout prior to beginning construction of floor system. This layout DOES NOT supersede the plan set.

Dimensions to any obstructions are approximate and should be field verified. Any discrepancies will be reported prior to floor installation.

Squash blocks shall be installed under all point loads, and are to be greater than or equal to the dimensions of the post transferring the load from above.

All materials, (EWP, hangers etc.) shall be installed per manufacturer specific installation guides.