

DN01

DO NOT

cut, notch or drill flanges

DN04

DO NOT

cut holes near bearing support

F15-A

F06

Load bearing wall above (stacked over wall below)

F15-E

Sill plate to be properly anchored to steel beam

F07

See Boise literature for vertical load capacity.

F16-D

F08

Solid block all posts from above to bearing below.

F18

See Boise literature for vertical load capacity.

F09

Load bearing wall above (stacked over wall below)

F52

8d each side of web through flange at bearing

F10

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

F58

Double BCI Joist Connection

GENERAL NOTES & DESIGN ASSUMPTIONS

ALL DIMENSIONAL DROPPED GIRDERS NOT INCLUDED W EWP PACKAGE

ALL CEILING JOISTS ARE 2x8 SPF #2 SPACING PER IRC (UNO)

ALL RAFTERS ARE 2x8 SPF #2 SPACING PER IRC (UNO)

ALL LOAD HEADERS, NOT SHOWN ON LAYOUT, ARE (2)2x10 SYP #2 (UNO)

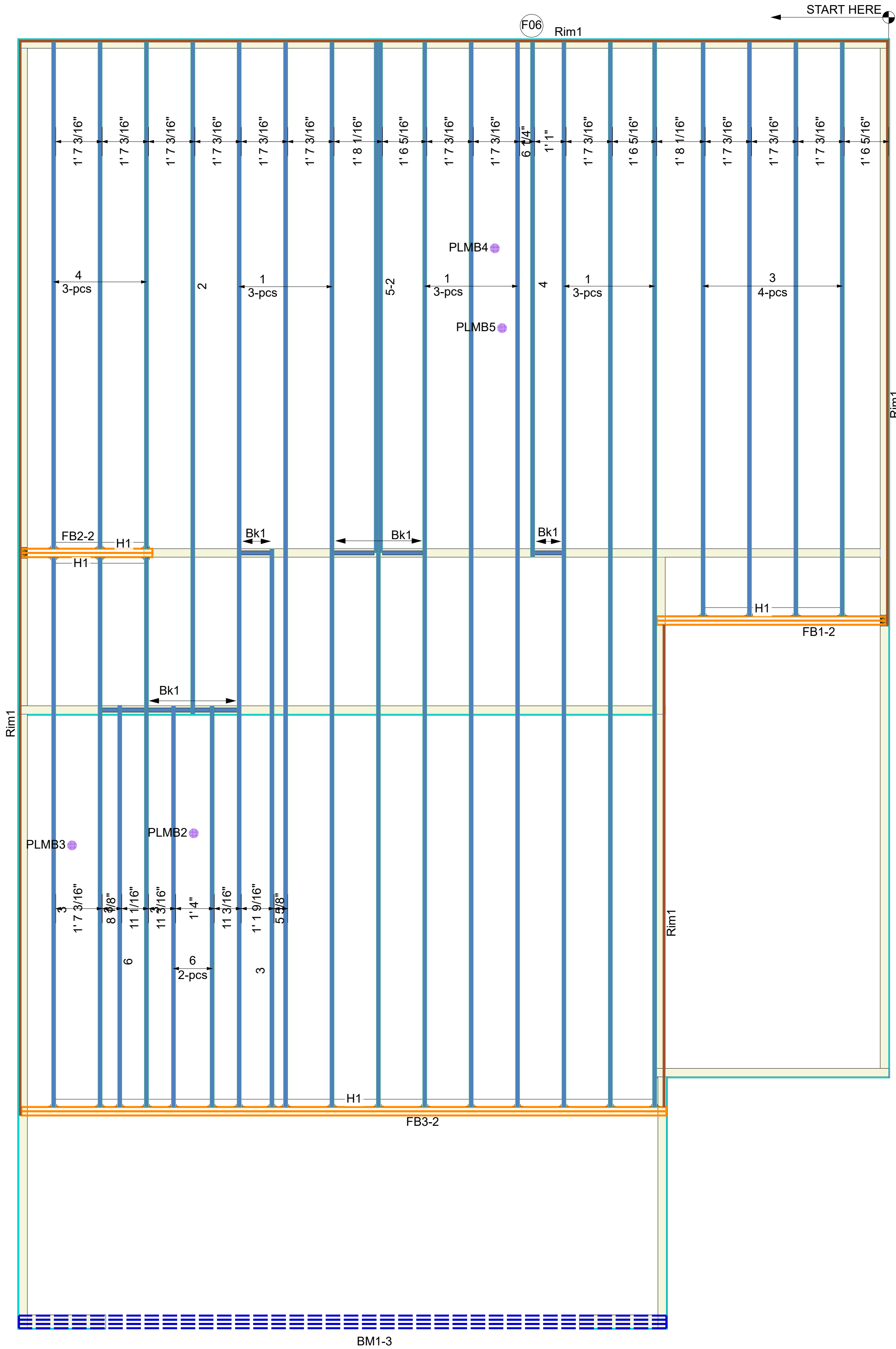
ALL 2x4, 2x6 & 2x8 ARE SPF #2 (UNO)

ALL 2x10 & 2x12 JOISTS ARE SYP #2 (UNO)

ALL RIDGES AND HIP RAFTERS ARE 2x10 or 2x12 (UNO)

ALL VALLEY RAFTERS ARE 2x12 (UNO)

#J = NUMBER OF 2x4 SPF #2 JACK STUDS REQUIRED (LVL POST PT#)



Joist & Rafter Area Loads	Live Load psf	Dead Load psf
Primary Living	40	10
Secondary & Attic Permanent Stairs	30	10
Ceiling - Limited Storage	20	10
Ceiling - No Storage	10	5
Roof - No Ceiling Load	20	10
Flat Roof or Cathedral w/Drywall Ceiling	20	15

Products				
PlotID	Length	Product	Plies	Net Qty
1	38' 0"	14" BCI® 4500s-1.8	1	9
2	24' 0"	14" BCI® 4500s-1.8	1	1
3	20' 0"	14" BCI® 4500s-1.8	1	9
4	18' 0"	14" BCI® 4500s-1.8	1	4
5-2	18' 0"	14" BCI® 4500s-1.8	2	2
6	14' 0"	14" BCI® 4500s-1.8	1	3
BM1-3	24' 0"	1-3/4" x 14" VERSA-LAM® LVL 2.1E 3100 SP	3	3
FB1-2	8' 0"	1-3/4" x 14" VERSA-LAM® LVL 2.1E 3100 SP	2	2
FB2-2	6' 0"	1-3/4" x 14" VERSA-LAM® LVL 2.1E 3100 SP	2	2
FB3-2	24' 0"	1-3/4" x 24" VERSA-LAM® LVL 2.1E 3100 SP	2	2
Rim1	12' 0"	1" x 14" BC RIM BOARD OSB	1	9
Bk1	9' 0"	14" BCI® 4500s-1.8	1	1

Hangers			
PlotID	Qty	Manuf	Product
H1	27	Simpson	IUS1.81/14

Builders

FirstSource

www.bldr.com

Boise Cascade

7601 BOEING DRIVE
GREENSBORO, NC 27409
V (336) 884-5454

4575 HAMPTON ROAD
CLEMMONS, NC 27409
V (336) 712-9910

1135 ROBESON STREET
FAYETTEVILLE, NC 28305
V (910) 485-1111

3189 NC HIGHWAY 5
ABERDEEN NC 28315
V (910) 944-2516

This layout and associated materials list has been prepared based on project plans and/or information provided to Builders FirstSource (BFS). It remains the responsibility of the builder, architect, designer, or other responsible persons to review this information to assure that it is appropriate, accurate, complete and complies with applicable building codes.

GENERAL NOTES:

1.) READ THE INSTALLATION GUIDE BEFORE FRAMING.

2.) ALL WALLS SHOWN ARE LOAD BEARING UNLESS NOTED OTHERWISE. WALLS NOT SHOWN ARE CONSIDERED NON-LOAD BEARING.

3.) UNLESS STATED OTHERWISE ALL CEILING & ROOF LOADS BRACE DIRECTLY TO LOAD BEARING WALLS SUPPORTED BY FOUNDATION.

4.) CONTACT BUILDERS FIRSTSOURCE BEFORE MAKING ANY ALTERATIONS OR ADJUSTMENTS...FAILURE TO DO SO MAY RESULT IN COSTLY REPAIRS.

JSJ

PRESTWICK

SECOND FLOOR EWP PLACEMENT PLAN

Builders FirstSource, Central Carolina Markets

DRAWN BY: Vernon Schmidt

DATE: 4/24/2025

SCALE: NTS

JOB NUMBER:

MINIMUM DESIGN DATA

LIVE LOAD 40 PSF

DEAD LOAD 10 PSF

TOTAL LOAD 50 PSF

DOL = 100%

DEFLECTION CRITERIA L/480 (MINIMUM)

ARCHITECTURAL PLAN DATE 4-8-2025

REVISED ARCH. PLAN DATE XX-XX-XX

SD4082025

Sheet 1 of 1

Wall Legend	
	Bearing Wall
	Non-Load Bearing Wall

LOT 5 ILA'S WAY