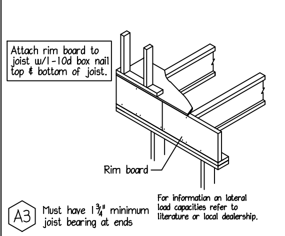

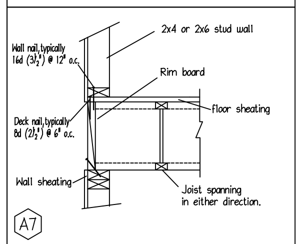

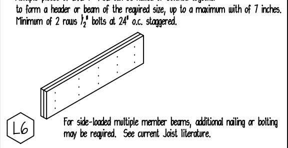

2ND FLOOR I-JOIST PLACEMENT PLAN

MATTAMY HOMES - LOT 14 BLOOM

POINT LOAD FROM ABOVE (P.L.F.A.)

P.L.F.A. USE SOLID BLOCKING TO TRANSFER LOAD FROM ABOVE TO FOUNDATION

DO NOT CUT ORANGE END
NO CORTE EL COLOR NARANJA

"X" INDICATES ORANGE END
"X" INDICAR EL COLOR NARANJA

SCALE: 1/4" = 1'-0" 0 5' 10'

ENGINEERED WOOD MATERIAL LIST

MATTAMY HOMES
LOT 14 BLOOM
2ND FLOOR I-JOIST PLACEMENT PLAN

MARK	QTY	CUT LENGTH	DESCRIPTION
11	8	11'-0"	1¾" x 14" BCI 4500
15	20	15'-0"	1¾" x 14" BCI 4500
16	4	16'-0"	1¾" x 14" BCI 4500 [Total 452']

BEAMS AND HEADERS

MARK	QTY	CUT LENGTH	DESCRIPTION
LVL1	2	12'-0"	1¾" x 14" LVL 2.0E (Flush)
LVL2	3	14'-0"	1¾" x 14" LVL 2.0E (Flush)
LVL3	3	14'-0"	1¾" x 14" LVL 2.0E (Flush)
LVL4	3	22'-0"	1¾" x 24" LVL 2.0E (Flush)

ACCESSORIES & OTHER MATERIALS (Simpson Hangers)

ITEM	QTY	UNIT	DESCRIPTION
14" Rim	79	LF	1"x14" Rim 7 pcs@12' or 5 pcs@16'
H3c	35	PCS	IUS1.81/14 Single Face Mnt Hanger
BCGUIDE	1	PCS	BCI Installation Guide
BCLAYOUT	1	PCS	BCI Placement Layout

REV	BY	DATE / DESC.
SD	JDS	4/24/25

DESIGN DATA

LIVE 40 PSF
DEAD 10 PSF
TOTAL LOAD = 50 PSF
STRESS DURATION = 100%
DEFLECTION CRITERIA : (L/480)

Builders FirstSource

Atlantic Group RALEIGH, NC

GENERAL NOTES

1.) READ MANUFACTURERS' INSTALLATION GUIDE BEFORE FRAMING. (COORDINATE APPROPRIATE GUIDE FOR SERIES FOR I-JOIST BEING USED.)
2.) WALLS NOT SHOWN HAVE BEEN CONSIDERED NON-LOAD BEARING.
3.) FLOOR SHEATHING TO BE GLUED AND NAILED TO I-JOIST FRAMING MEMBERS IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE AMERICAN PLYWOOD ASSOCIATION (APA).
4.) CERAMIC TILE FLOORS SHOULD BE SUPPORTED PER TILE COUNCIL OF AMERICA (TCA) RECOMMENDATIONS.
5.) PROVIDE PLUMBING AND HVAC CONTRACTORS WITH MANUFACTURERS' INSTALLATION GUIDE FOR HOLE CUTTING CHARTS AND OTHER DETAILS.
6.) BUILDER TO VERIFY LOCATION OF PLUMBING DROPS AND SHIFT JOISTS A MAXIMUM OF 2 INCHES.
7.) HANGERS TO BE INSTALLED PER MANUFACTURERS' RECOMMENDATIONS.
8.) ALL CEILING JOISTS AND RAFTER BRACING TO BEAR ON LOAD BEARING WALLS OR BEAMS DESIGNED TO CARRY LOAD TO THE FOUNDATION.
9.) TO ATTACH DECK LEDGER, USE ADEQUATE BAND BOARD PER MANUFACTURERS' RECOMMENDATION.

BUILDER: MATTAMY HOMES
MODEL: LOT 14 BLOOM
2ND FLOOR I-JOIST PLACEMENT PLAN
TIME: THURSDAY, 5 JUNE 2025 - 12:31 PM
FILE: I:\...ADDWG\MATTAMY HOMES\APPALACHIAN - LOT 14 BLOOM.DWG

DRAWN BY: TJF DATE: 6/5/25
SHEET: 2 OF 2 SHEETS