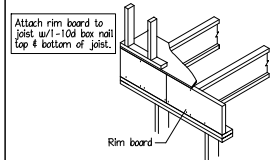
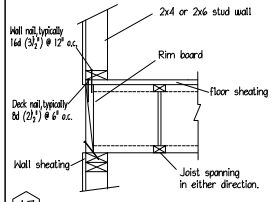


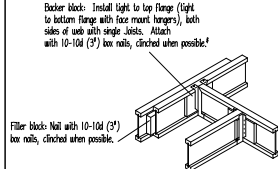
A1



A3



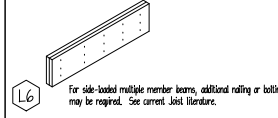
A7



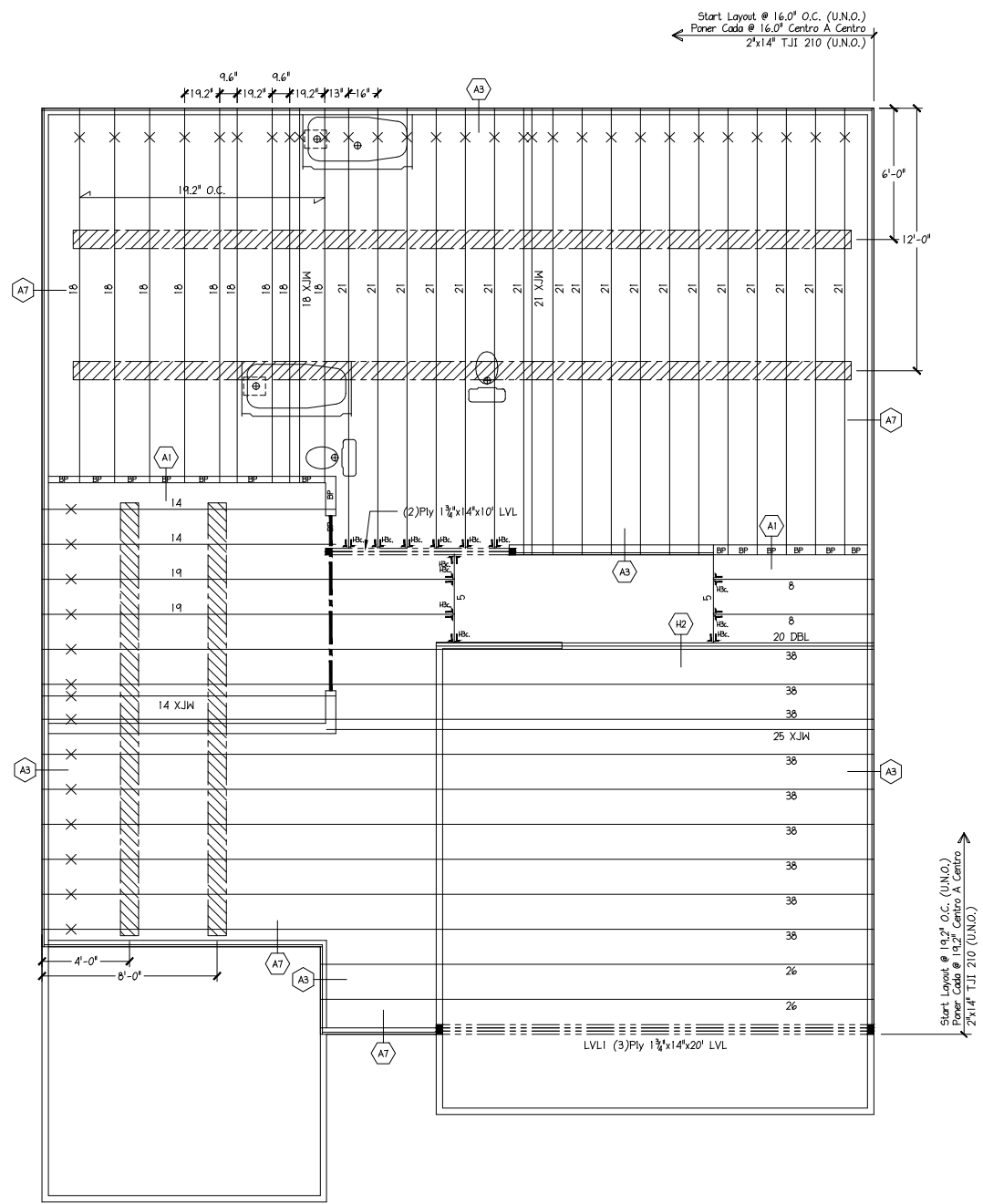
H2

CONNECTION OF MULTIPLE PIECES OF TOP-LOADED BEAMS

- LVL & PSL (1 3/4" Width Pieces)
- Minimum of 2 rows 16d (3 1/2") nails at 12" o.c.
- Minimum of 3 rows 16d (3 1/2") nails at 12" o.c. for 14", 11", 10" beams.
- Multiple pieces of LVL & PSL can be nailed or bolted together to form a header or beam of the required size, up to a maximum width of 7 inches. Minimum of 2 rows 1/2" bolts at 24" o.c. staggered.



L6



2ND FLOOR I-JOIST PLACEMENT PLAN
MATTAMY HOMES - LOT 87 PROVIDENCE CREEK - SEQUOIA

ENGINEERED WOOD MATERIAL LIST

MATTAMY HOMES
LOT 87 PROVIDENCE CREEK - SEQUOIA
2ND FLOOR I-JOIST PLACEMENT PLAN

MARK	QTY	CUT LENGTH	DESCRIPTION	(Notes)
5	2	5'-0"	2" x 14" TJI 210	
8	2	8'-0"	2" x 14" TJI 210	
14a	3	14'-0"	2" x 14" TJI 210 < 2 >	
18a	9	18'-0"	2" x 14" TJI 210 < 2 >	
18b	1	18'-0"	2" x 14" TJI 210 < 2 >	
19a	2	19'-0"	2" x 14" TJI 210 < 2 >	
20	2	20'-0"	2" x 14" TJI 210	
21a	19	21'-0"	2" x 14" TJI 210 < 2 >	
25	1	25'-0"	2" x 14" TJI 210	
26	2	26'-0"	2" x 14" TJI 210	
38a	9	38'-0"	2" x 14" TJI 210 < 2 >	(Total 1144')

BEAMS AND HEADERS

ITEM	QTY	UNIT	DESCRIPTION
LVL	2	10'-0"	1 3/4" x 14" LVL 2.0E (Flush)
LVL1	3	20'-0"	1 3/4" x 14" LVL 2.0E (Flush)

ACCESSORIES & OTHER MATERIALS (Simpson Hangers)

ITEM	QTY	UNIT	DESCRIPTION
14" Rim	151	LF	1 1/2" x 14" TJ Rim 13 pcs@12' or 10 pcs@16'
BP	15	1'-5 1/8"	14" Blocking Panel [Total 30']
Hbc	13	PCS	IUS2.06/14 Single Face Pmt Hanger
10CUT14C	86	HOLE	10" Circular Cutout
TJLAYOUT	1	PCS	TJI Placement Layout
TJGUIDE	1	PCS	TJI Installation Guide

SEE MATERIAL LIST FOR DEPTH, GRADE & LENGTH

- INDICATED I-JOIST
- INDICATED TIMBERSTRAND NOR. LVL
- INDICATED FLOOR-LVL LVL
- INDICATED PARALLEL PSL
- INDICATED SQUARE LVL

INDICATES A SECTION FROM THE INSTALLATION GUIDE SHEET IS ALSO SHOWN ON THIS SHEET

LOAD BEARING WALL ABOVE = [Symbol]

EXTRA JOIST ADDED

EXTRA JOIST (1) UNDER HALL

DOUBLE JOIST (2)

TYPICAL BLOCKING PANEL

CONCENTRATED POINT LOAD FROM ABOVE

1 1/2" OR 1 1/4" RIM BOARD

MIN. 12" TO CENTER OF JOIST

MIN. 12" TO CENTER OF JOIST

THIS SHOP DRAWING IS BASED ON THE FOLLOWING

PROJECT LOCATION	
PROJECT NUMBER	
ARCHITECT DWG# BY	
ARCH LATEST REVISION	
CHECKED BY	
STRUCTURAL REVIEW BY	
DATE	

DESIGN DATA

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

CONTRACTOR: Builders FirstSource

1600 MANUFACTURER INSTALLATION GUIDE BEFORE INSTALLING. COORDINATE APPROVED GUIDE FOR THIS PROJECT WITH THE MANUFACTURER'S INSTALLATION GUIDE. THE MANUFACTURER'S INSTALLATION GUIDE IS THE AUTHORITY FOR THE CORRECT INSTALLATION OF THE PRODUCT. THE MANUFACTURER'S INSTALLATION GUIDE IS THE AUTHORITY FOR THE CORRECT INSTALLATION OF THE PRODUCT. THE MANUFACTURER'S INSTALLATION GUIDE IS THE AUTHORITY FOR THE CORRECT INSTALLATION OF THE PRODUCT.

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BUILDER: MATTAMY HOMES

MODEL: LOT 87 PROVIDENCE CREEK - SEQUOIA

2ND FLOOR I-JOIST PLACEMENT PLAN

DATE: WEDNESDAY, 2 FEBRUARY 2022 - 1:49 PM

FILE: I:\MATTAMY HOMES\SEQUOIA - LOT 87 PROVIDENCE CREEK.DWG

DRAWN BY: NJH DATE: 2/2/22

SHEET: 1 OF 1 SHEETS

POINT LOAD FROM ABOVE (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

