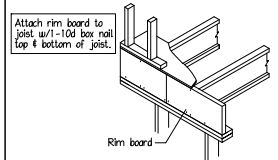
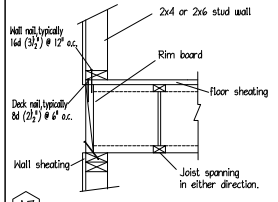


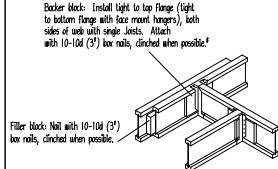
A1



A3

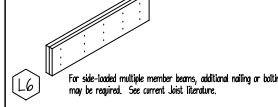


A7



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 @ 12" oc.
 • Minimum of 3 rows 16d (3 1/2") nails @ 12" oc. for 14", 11", 18" 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 @ 24" oc. staggered.



L6

ENGINEERED WOOD MATERIAL LIST

MATTAMY HOMES
 LOT 65 PROVIDENCE CREEK - SEQUOIA
 2ND FLOOR I-JOIST PLACEMENT PLAN

MARK	QTY	CUT LENGTH	DESCRIPTION	(Notes)
5	2	5'-0"	2" x 14" TJI 210	
6	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')

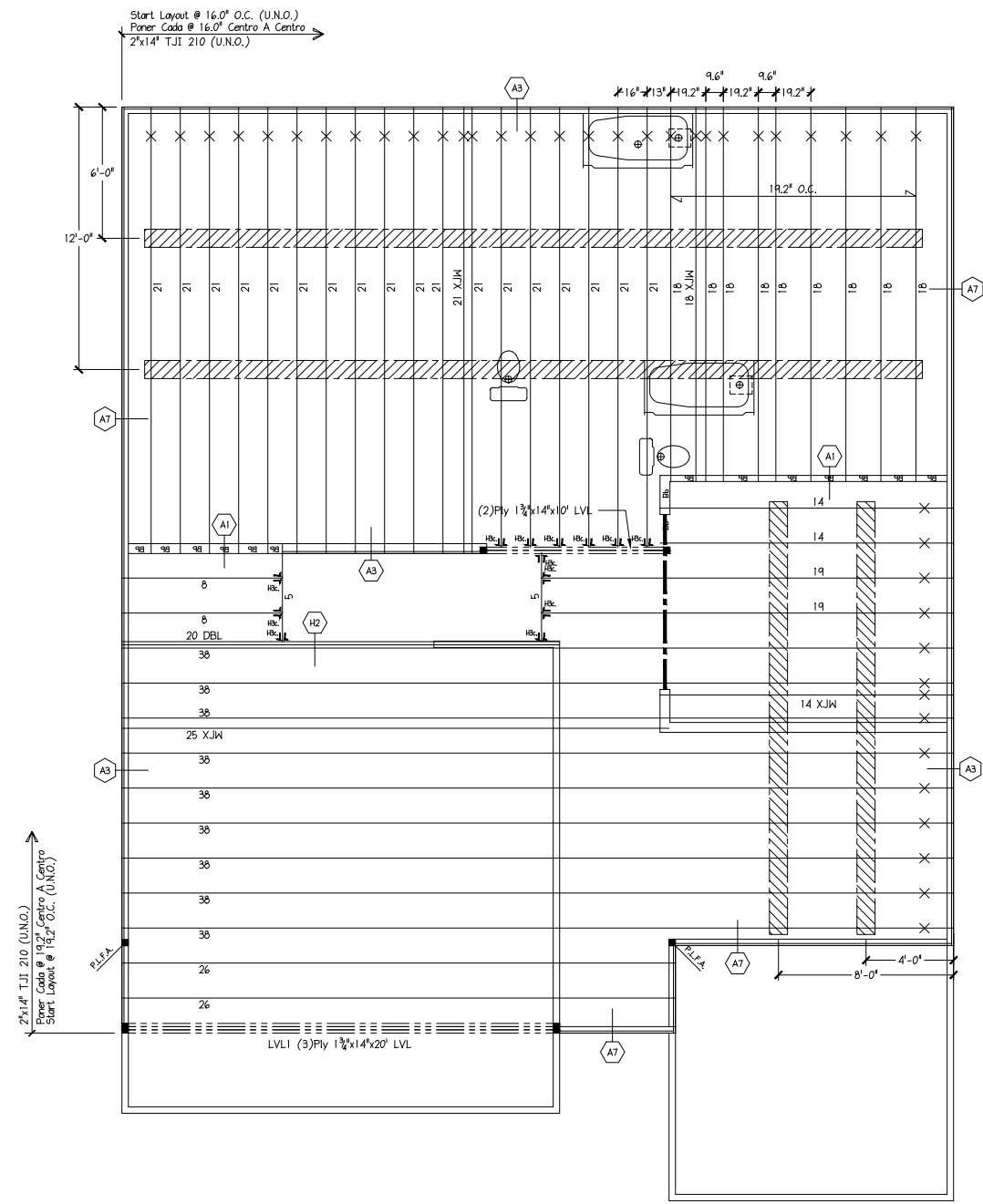
BEAMS AND HEADERS

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, SERIES & LENGTH
 INDICATES I-JOIST
 INDICATES TIMBERFRAMING FOR. LVL
 INDICATES FLOOR-JOIST LVL
 INDICATES PARALLEL PSL
 INDICATES QUAD-LAY
 INDICATES A SECTION FROM THE
 INSTALLATION GUIDE SHEET IS
 ALSO SHOWN ON THIS SHEET
 LOAD BEARING WALL ABOVE =
 BEAM BY CHAIRS
 EXTRA JOIST ABOVE
 EXTRA JOIST (1) BEAR WALL
 DOUBLE JOIST (2)
 TRIPLE JOIST (3)
 1-STEP BLOCKING PANEL
 1-UP OR 1-UP WITH ROADS
 CONCENTRATED POINT LOAD FROM ABOVE
 WALL IS SHOWN IN SECTION IS SHOWN
 INDICATED IN SECTION IS SHOWN



2ND FLOOR I-JOIST PLACEMENT PLAN
 MATTAMY HOMES - LOT 65 PROVIDENCE CREEK - SEQUOIA

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

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

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**
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 303.733.1100
 WWW.BUILDERSFIRSTSOURCE.COM
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BUILDER: MATTAMY HOMES
 MODEL: LOT 65 PROVIDENCE CREEK - SEQUOIA
 2ND FLOOR I-JOIST PLACEMENT PLAN
 TIME: FRIDAY, 21 OCTOBER 2022 - 8:20 AM
 FILE: I:\MATTAMY HOMES\SEQUOIA - LOT 65 PROVIDENCE CREEK.DWG

DRAWN BY: NJH DATE: 2/2/22
 SHEET: 1 OF 1 SHEETS