

ENGINEERED WOOD MATERIAL LIST

MATTAMY HOMES
SHENANDOAH
2ND FLOOR I-JOIST PLACEMENT PLAN

BASE - ALL ELEVATIONS

| MARK | QTY | CUT LENGTH | DESCRIPTION | (Notes) |
|---------------|-----|------------|------------------|---------|
| 6 | 10 | 6'-0" | 2" x 14" TJI 210 | |
| 13a | 4 | 13'-0" | 2" x 14" TJI 210 | < 1 |
| 18a | 25 | 18'-0" | 2" x 14" TJI 210 | < 2 |
| 21 | 2 | 21'-0" | 2" x 14" TJI 210 | |
| 26a | 2 | 26'-0" | 2" x 14" TJI 210 | < 1 |
| 27 | 11 | 27'-0" | 2" x 14" TJI 210 | |
| 38a | 5 | 38'-0" | 2" x 14" TJI 210 | < 1 |
| (Total 1143') | | | | |

BEAMS AND HEADERS

| LVL | QTY | CUT LENGTH | DESCRIPTION |
|-----|-----|------------|-------------------------------|
| LVL | 2 | 8'-0" | 1 3/4" x 14" LVL 2.0E (Flush) |
| LVL | 2 | 10'-0" | 1 3/4" x 14" LVL 2.0E (Flush) |

ACCESSORIES & OTHER MATERIALS (Simpson Hangers)

| ITEM | QTY | UNIT | DESCRIPTION |
|----------|-----|-----------|---|
| 14" Rim | 175 | LF | 1 1/2" x 14" Rim 15 pcs@12' or 11 pcs@16' |
| BP | 22 | 1'-5 1/8" | 14" Blocking Panel (Total 44') |
| H4c | 3 | PCS | MTU4.28/14 Double Face Mnt Hanger |
| H3c | 20 | PCS | IUS2.06/14 Single Face Mnt Hanger |
| OCUT14C | 61 | HOLE | 10" Circular Cutout |
| TJLAYOUT | 1 | PCS | TJI Placement Layout |
| TJGUIDE | 1 | PCS | TJI Installation Guide |

OPT. ENHANCED SIDE ELEVATION

| MARK | QTY | CUT LENGTH | DESCRIPTION |
|---------|-----|------------|--|
| H3c | +6 | PCS | IUS2.06/14 Single Face Mnt Hanger |
| 14" Rim | -4 | LF | 1 1/2" x 14" Rim -1 pcs@12' or 0 pcs@16' |
| LVL | +2 | 10'-0" | 1 3/4" x 14" LVL 2.0E (Flush) |

SEE MATERIAL LIST FOR DEPTH, GRADE & LENGTH

INDICATED I-JOIST
INDICATED TRUSS/STRAND FOR LVL
INDICATED BLOCKING LVL
INDICATED PARALLEL PSL
INDICATED GUSSET

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

LOAD BEARING WALL ABOVE
EXTRA JOIST (1) UNDER WALL
DOUBLE JOIST (2)
TIES ABOVE JOIST
1/4" OR 1/2" WITH ROADS
CONCENTRATED POINT LOAD FROM ABOVE
WALL IS INDICATED BY
INDICATED BY

THIS SHOP DRAWING IS BASED ON THE FOLLOWING

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

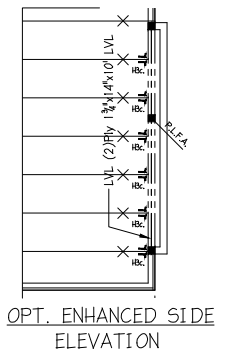
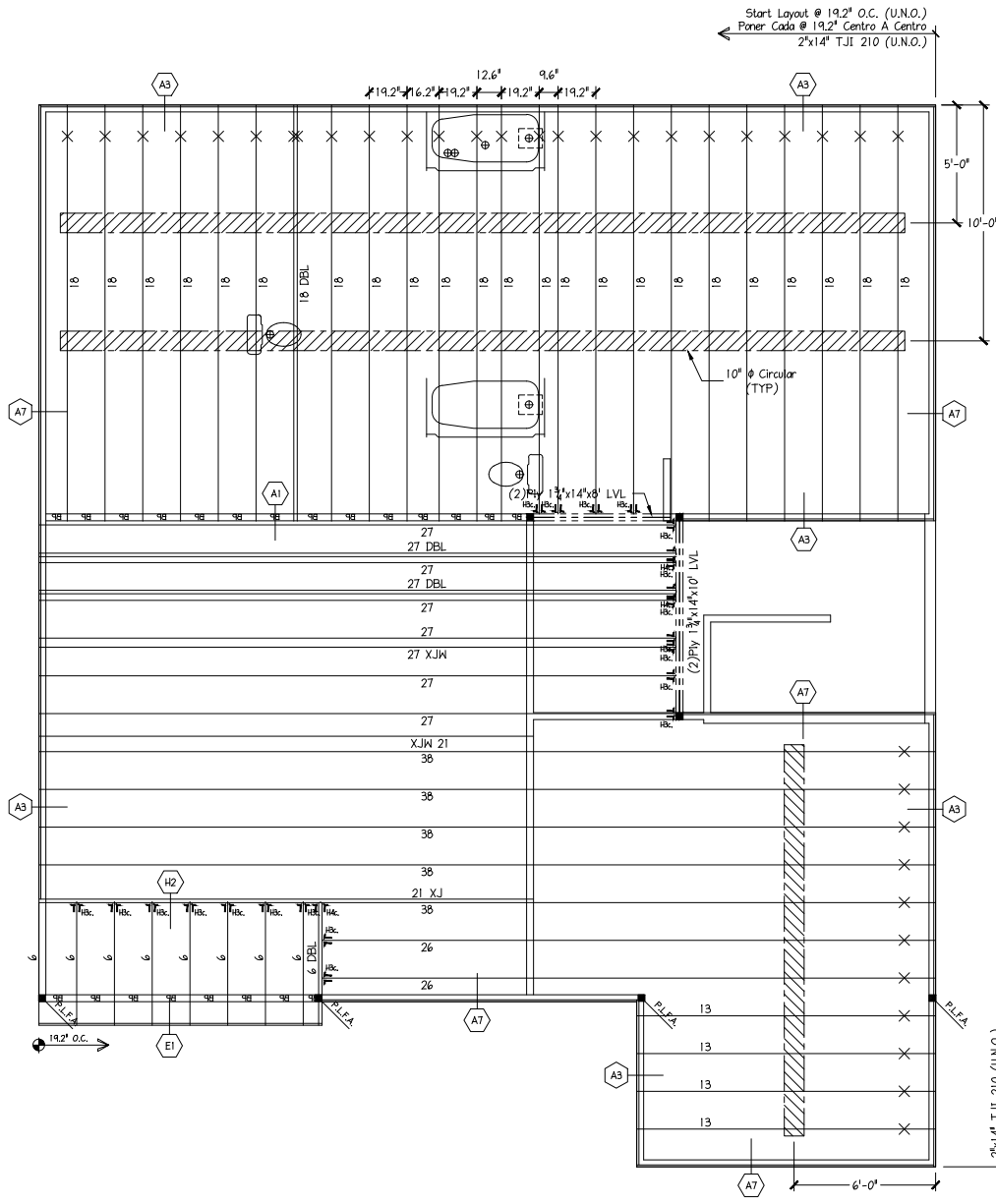
DESIGN DATA

LIVE 40 PSF
DEAD 10 PSF
TOTAL LOAD = 50 PSF

STRESS DURATION = 100%
DEFLECTION CRITERIA = (L/480)

CONTRACTOR: **Builders FirstSource**

1800 MANUFACTURER INSTALLATION GUIDE MEMBER FURNISH. (CONSULTANT APPROPRIATE GUIDE FOR THIS PROJECT.)
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2ND FLOOR I-JOIST PLACEMENT PLAN
MATTAMY HOMES - SHENANDOAH

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'

BUILDER: MATTAMY HOMES
MODEL: SHENANDOAH
2ND FLOOR I-JOIST PLACEMENT PLAN
DATE: TUESDAY, 26 OCTOBER 2021 - 11:02 AM
FILE: I:\APEX\TJ\ACADDWG\MATTAMY HOMES\SHENANDOAH.DWG

DRAWN BY: NJH DATE: 10/26/21

SHEET: 2 OF 2 SHEETS