Reviewed for Code Compliance
Inspectional Services
Building Department

Date: 10/05/17

Hammond Lumber Company

Structural Framer's Pocket Guide
Access with your Smartphone
www.weyerhaeuser.com/wrc/tools/pocket-guide/

Weyerhaeuser

THINK SAFETY™ READ INSTALLATION INFORMATION BEFORE PROCEEDING
A COMPLETE JAVELINTM LAYOUT INCLUDES THE ILEVELTM FRAMER'S POCKET GUIDE.

PBO = POST BY OTHERS
BBO = BEAM BY OTHERS

CONTRACTOR TO VERIFY ALL FRAMING AREAS, DIMENSIONS, OPENINGS, LOADING CONDITIONS, ETC. WITH ARCHITECT/ENGINEER PRIOR TO CONSTRUCTION TO ENSURE COMPLIANCE WITH ARCHITECTURAL DRAWINGS.

FLOOR DESIGN ASSUMES TRUSSED ROOF

BEARING WALL- STRIP FOOTING REQUIRED

VERIFY SIZE AND LOCATION OF STAIRWELL PRIOR TO CONSTRUCTION

CUT TOP FLANGE OF I-JOIST OVER WALL TO PREVENT UPLIFT

Main Roof Above Supported by Girder Truss

STEEL BEAM
W14x34
OR
W16x31

SECOND FLOOR LAYOUT
SCALE 1/4" = 1'-0"

Ceiling joists 2X6 at 16 oc. with LUS26Z at steel beam
Roof Rafter 2X8 at 16 oc. with LSU28 on ledger

Framing Connector Summary													
PlotID	Qty	Manuf	Product	Design Method	Face Nails	Top Nails	Member Nails	Skew	Slope	Backer Blks	Filler	Web Stiff
H1	2	Simpson	H4/U5410	Geometry Only	30- 16d common	-	10- 16d double shear	-	-	No	No	No
H2	2	Simpson	HU410	Geometry Only	14- 10d common	-	6- 10d common	-	-	No	No	No
H3	55	Simpson	IUS1.81/11.88	Geometry Only	10- 10d x 1-1/2	-	-	-	-	No	No	No

Floor				
PlotID	Length	Product	Plies	Net Qty
B26'	26' 0"	11 7/8" TJI® 110	1	12
B18'	18' 0"	11 7/8" TJI® 110	1	3
B16'	16' 0"	11 7/8" TJI® 110	1	15
B14'	14' 0"	11 7/8" TJI® 110	1	10
B12'	12' 0"	11 7/8" TJI® 110	1	4
BBk1	2' 0"	11 7/8" TJI® 110	1	6
BBk1	1' 0"	11 7/8" TJI® 110	1	1
TSCal	16' 0"	1 1/4" x 11 7/8" 1.3E TimberStrand® LSL	1	7
		23/32"x48"x96" Weyerhaeuser Edge Gold Panel (O/24) T&G SF	1	35

Beam/Post				
PlotID	Length	Product	Plies	Net Qty
M1-3	18' 0"	1 3/4" x 11 7/8" 2.0E Microllam® LVL	3	3
M2-2	16' 0"	1 3/4" x 11 7/8" 2.0E Microllam® LVL	2	2
M3-2	14' 0"	1 3/4" x 11 7/8" 2.0E Microllam® LVL	2	2
TS1	12' 0"	3 1/2" x 11 7/8" 1.55E TimberStrand® LSL	1	1
TS2	8' 0"	3 1/2" x 11 7/8" 1.55E TimberStrand® LSL	1	1
TS3	6' 0"	3 1/2" x 11 7/8" 1.55E TimberStrand® LSL	1	1

WARNING

Joists are unstable until braced laterally

Bracing includes:
- Blocking
- Hangers
- Sheathing
- Rim Board
- Gang Lines
- Rim Joist

DO NOT walk on joists until braced. INJURY MAY RESULT.

DO NOT walk on joists that are lying flat.

DO NOT stack building materials on unsheathed joists. Stack only over beams or walls.

WARNING NOTES:

Lack of proper bracing during construction can result in serious accidents. Observe the following guidelines:

1. All blocking, hangers, rim boards and rim joists at the end supports of the TJI® Joists must be completely installed and properly nailed.
2. Lateral strength, the braced end wall or an existing stack, must be established at the ends of the bay. This may also be accomplished by the use of permanent web stiffeners or blocking fastened to the first 4 feet of joists at the end of the bay.
3. Safely bracing of the bottom chord must be added to eliminate end wall or detached one (in note 2) field to each joist. Without this bracing, buckling sweep or rollover is highly probable under light construction loads - such as a worker or one layer of unnailed sheathing.
4. Sheathing must be completely attached to each TJI® joist before additional loads can be placed on the system.
5. Ends of cantilevers require safety bracing on both the top and bottom flanges.
6. The flanges must remain straight within 1/2" from true alignment.

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iLevel® Green Estimator

Contribution to National Green Bldg Std:	
Contribution to LEED® for Homes:	

The points identified above indicate the potential number of green building points allowed by the ICC-700 2008 National Green Building Standard or the U.S. Green Building Council's LEED® for Homes based on the iLevel® structural frame solutions represented on this project. You are advised to confirm point calculations with the appropriate authorized organization. Contact iLevel Technical Services for recommendations on achieving additional green points.

BlueLinx

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SECOND FLOOR LAYOUT

JAKE & CHRIS SMALL
Portland, Maine

DRAWN BY: Chris Bennett
SCALE: 1/4" = 1'-0"
DATE: 7/15/2017

REV	BY	DATE	DESCRIPTION
1			
2			
3			
4			
5			

BlueLinx now offers Precision End Trim Pre-Cut Blocking panels for on center spacing. Contact your local BlueLinx sales representative or design team for more information on these and other great products specified on this plan.

PROJECT NUMBER:

STATE OF MAINE
TIMOTHY G. SHELLEY
No. 5952
LICENSED
PROFESSIONAL ENGINEER

Design Criteria:
Floor Loading
Live Load = 40 psf
Dead Load = 12 psf

A-9
2nd floor framing