Hammond Lumber Company

THINK SAFETY- READ INSTALLATION INFORMATION BEFORE PROCEEDING
A COMPLETE JAVELIN™ LAYOUT INCLUDES THE iLEVEL™ FRAMER'S POCKET GUIDE.

iLevel® Green Estimator

Contribution to National Green Bldg Std:	36
Contribution to LEED® for Homes:	1

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.*

Reviewed for Code Compliance
Inspection Division
Approved as Noted
Date: 04/05/18

Structural Framer's Pocket Guide
Access with your Smartphone
http://www.ilevel.com/literature/ij-9001.pdf
Weyerhaeuser

TJI® Depth, D	TJI® Joist Model	Place	Nail Size	Quantity
9" <D≤11"	Less than 16"	Filler	10d(0.128" x 3")	4 / ft.
		Backer	10d(0.128" x 3")	2 / ft.
	16"	Filler	10d(0.128" x 3")	8 / 16" - each side
		Backer	10d(0.128" x 3")	4 / 16" - each side
11" <D≤14"	Less than 16"	Filler	10d(0.128" x 3")	5 / ft.
		Backer	10d(0.128" x 3")	2 / ft.
	16"	Filler	10d(0.128" x 3")	10 / 16" - each side
		Backer	10d(0.128" x 3")	4 / 16" - each side
14" <D≤20"	Less than 16"	Filler	10d(0.128" x 3")	6 / ft.
		Backer	10d(0.128" x 3")	2 / ft.
	16"	Filler	10d(0.128" x 3")	12 / 16" - each side
		Backer	10d(0.128" x 3")	4 / 16" - each side

1" = 2 in nominal lumber.
Filler block required in all applications.
Backer block required in all applications.

WARN: Cap mount if angers. Backer block required only for diamond loads exceeding 250 lbs. in far uplift conditions.

WARNING

Joists are unstable until braced laterally

Bracing Includes:

- Blocking
- Hangers
- Sheathing
- Rim Board
- Strut 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, like braced end wall or an existing deck, must be established at the ends of the bay. This can also be accomplished by a temporary or permanent deck (sheathing) fastened to the first 4 feet of joists at the end of the bay.
3. Safety bracing of 1x4 (minimum) must be nailed to a braced end wall or sheathed area (as in note 2) and to each joist. Without this bracing, buckling sideways or rollover is highly probable under light construction loads - such as a worker or one layer of unnailed sheathing.
4. Do not place any construction materials 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 ½" from true alignment.

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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	HGUS410	Geometry Only	46- 16d common	-	16- 16d double shear	-	-	No	No	No
H2	5	Simpson	IUS1.81/9.5	Geometry Only	8- 10d x 1-1/2	-	-	-	-	1	Yes	No
H3	59	Simpson	IUS1.81/9.5	Geometry Only	8- 10d x 1-1/2	-	-	-	-	No	No	No
H4	2	Simpson	IUS3.56/9.5	Geometry Only	10- 10d x 1-1/2	-	-	-	-	1	Yes	No
H5	1	Simpson	IUS3.56/9.5	Geometry Only	10- 10d x 1-1/2	-	-	-	-	No	No	No
H7	2	Simpson	HGUS5.50/10	Geometry Only	46- 16d common	-	16- 16d double shear	-	-	No	No	No

Products				
PlotID	Length	Product	Plies	Net Qty
A16'-2	16' 0"	9 1/2" TJI® 110	2	2
A16'	16' 0"	9 1/2" TJI® 110	1	8
A14'-2	14' 0"	9 1/2" TJI® 110	2	2
A14'	14' 0"	9 1/2" TJI® 110	1	40
A12'	12' 0"	9 1/2" TJI® 110	1	14
ABk1	10' 1 7/8"	9 1/2" TJI® 110	1	1
A8'-2	8' 0"	9 1/2" TJI® 110	2	2
A6'	6' 0"	9 1/2" TJI® 110	1	5
M1-3	14' 0"	1 3/4" x 11 7/8" 1.9E Microllam® LVL	3	3
M2-3	12' 0"	1 3/4" x 11 7/8" 1.9E Microllam® LVL	3	3
M3-3	10' 0"	1 3/4" x 11 7/8" 1.9E Microllam® LVL	3	12
M4-2	16' 0"	1 3/4" x 9 1/2" 1.9E Microllam® LVL	2	2
M5-2	14' 0"	1 3/4" x 9 1/2" 1.9E Microllam® LVL	2	4
M6	6' 0"	1 3/4" x 9 1/2" 1.9E Microllam® LVL	1	1
M7-2	4' 0"	1 3/4" x 9 1/2" 1.9E Microllam® LVL	2	2
TSCa1	16' 0"	1 1/4" x 9 1/2" 1.3E TimberStrand® LSL	1	8

Accessories				
PlotID	Length	Product	Plies	Net Qty
	6' 11 1/2"	2x6 Filler Blocks	1	1
	2' 0"	2x6 Filler Blocks	1	2
	1' 0"	5/8" or 3/4" Backer Blocks	1	7
		23/32"x48"x96" Weyerhaeuser Edge Gold Panel (0/24) T&G SF	1	39

Total Lengths	
Length	Product
972' 1 7/8"	9 1/2" TJI® 110
198' 0"	1 3/4" x 11 7/8" 1.9E Microllam® LVL
102' 0"	1 3/4" x 9 1/2" 1.9E Microllam® LVL
128' 0"	1 1/4" x 9 1/2" 1.3E TimberStrand® LSL
10' 11 1/2"	2x6 Filler Blocks
7' 0"	5/8" or 3/4" Backer Blocks

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

BlueLinx

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Plans may also be e-mailed to: **BluePlans@bluelinxco.com**

SECOND FLOOR LAYOUT

CARSON RESIDENCE
PORTLAND, MAINE

SCALE: 1/4" = 1'-0"
DATE: 1/19/2018
DRAWN BY: *Guy Poisson*

REV	BY	DATE	DESCRIPTION
A			
B			
C			
D			
E			

BlueLinx now offers Precision End Trim Pre-Cut Blocking panels for on center spacings of 12" or 24". All PRE-trim evident by the design of installation. Speak with your sales representative or design team for more information on these and other great products specified on this plan.

PROJECT NUMBER:

SHEET
2 OF **2**