

Second Floor

Joist (Flush)

Label	Description	Width	Depth	Qty	Plies	Pcs	Length
J3	LPI 20Plus	2.5	11.875			7	24'-0"-0
J2	LPI 20Plus	2.5	11.875			3	23'-0"-0
J7	LPI 20Plus	2.5	11.875			4	16'-0"-0
J8	LPI 20Plus	2.5	11.875			20	15'-0"-0
J4	LPI 20Plus	2.5	11.875			23	14'-0"-0
J1	LPI 20Plus	2.5	11.875			1	9'-0"-0
J6	LPI 20Plus	2.5	11.875			5	8'-0"-0
J5	LPI 20Plus	2.5	11.875			8	7'-0"-0
J9	LPI 20Plus	2.5	11.875			1	6'-0"-0
J10	LPI 20Plus	2.5	11.875			2	3'-0"-0

LVL/LSL (Flush)

Label	Description	Width	Depth	Qty	Plies	Pcs	Length
G3	LP-LVL 2900Fb-2.0E	1.75	11.875	1	3	3	18'-0"-0
G7	LP-LVL 2900Fb-2.0E	1.75	11.875			1	16'-0"-0
G5	LP-LVL 2900Fb-2.0E	1.75	11.875			2	14'-0"-0
G2	LP-LVL 2900Fb-2.0E	1.75	11.875	1	2	2	13'-0"-0
G6	LP-LVL 2900Fb-2.0E	1.75	11.875			1	11'-0"-0
G10	LP-LVL 2900Fb-2.0E	1.75	11.875			2	9'-0"-0
G1	LP-LVL 2900Fb-2.0E	1.75	11.875			1	8'-0"-0
G4	LP-LVL 2900Fb-2.0E	1.75	11.875			2	7'-0"-0
G9	LP-LVL 2900Fb-2.0E	1.75	11.875			1	4'-0"-0
J11	LP-LVL 2900Fb-2.0E	1.75	11.875			1	7'-0"-0
G8	LP-LVL 2900Fb-2.0E	1.75	16	1	3	3	19'-0"-0

Hanger

		Beam/Girder		Supported Member	
Label	Pcs	Description	Skew	Slope	fasteners
H1	84	LT251188			4 10dx1 1/2
H3	10	LF1711			12 10d

Legend

Wall

LPI 20Plus 11.875

LP-LVL 2900Fb-2.0E 1.75 X 11.875

LP-LVL 2900Fb-2.0E 1.75 X 16

0 X 11.875

1. Framing placement and all dimensions to be verified by customer.

2. Do not cut or notch any floor framing members without prior approval.

3. Supplied hangers may be USP Equivalents

4. All holes must follow manufacturer guidelines. Documents available on request

5. 2-Ply Joist members require lamination with backer and filler blocks (to be supplied by others)

6. Web Stiffener's required where indicated (WS)

7. End-wall blocking start position may be shifted to accommodate mechanical provided spacing is not exceeded at any location.

8. Mid-span blocking is to be installed at center of span and 7' OC in either direction for multiple rows unless otherwise noted.

9. Unless dimensioned directly on the plans, plumbing locations are approximate. Consult with designer if changes are required prior to drilling.

Second Floor

Design Method

LSD

Building Code

NBCC 2010 / MBC 2011

Floor

Loads

Live

40

Dead

15

Description

Deflection Joist

Bruce Jansen

Created

May 23, 2019

LL Span L/

480

TL Span L/

240

LL Cant 2L/

480

Revised

June 21, 2019

TL Cant 2L/

240

Builder

LL Span L/

480

Riverbend

TL Span L/

240

Designer

LL Cant 2L/

480

Evan Reimer

TL Cant 2L/

240

Shipping

Decking

Deck

SPF Plywood

Thickness

5/8"

Fastener

Nailed & Glued

Vibration

EWP Studio

Simpson Strong-Tie®

Component Solutions™

EWP Studio Version 18.40.162 Powered by iStruct™

This layout is to be used as an installation guide only. It is meant to be used in conjunction with the architectural and structural drawings, not to replace them

SIMPSON

Strong-Tie