

Ground Floor



PERMIT REVIEWED FOR COMPLIANCE WITH THE ONTARIO BUILDING CODE

23 136562 BLD 00

ZONING		
O.B.C.		
FIRE SERVICES		
O.B.C. (S)		

Ground Floor							
I Joist (Flush)							
Label	Description	Width	Depth	Qty	Plies	Pcs	Length
J2	TJI 230	2.3	11.875			12	6-0-0
J3	TJI 230	2.3	11.875			14	18-0-0
J4	TJI 230	2.3	11.875			13	20-0-0
J1	TJI 560	3.5	9.5			12	20-0-0
J5	TJI 560	3.5	11.875			9	22-0-0
LVL/LSL (Flush)							
Label	Description	Width	Depth	Qty	Plies	Pcs	Length
G1	2.0E Microllam LVL	1.75	11.875	2	2	4	4-0-0
G6	2.0E Microllam LVL	1.75	11.875	3	2	6	6-0-0
G3	2.0E Microllam LVL	1.75	11.875	1	2	2	12-0-0
G4	2.0E Microllam LVL	1.75	11.875	1	4	4	20-0-0
G5	2.0E Microllam LVL	1.75	11.875	1	3	3	20-0-0
LVL/LSL (Dropped)							
Label	Description	Width	Depth	Qty	Plies	Pcs	Length
B2	2.0E Microllam LVL	1.75	11.875	1	3	3	18-0-0
B1	2.0E Microllam LVL	1.75	11.875	1	3	3	20-0-0
Rim Board							
Label	Description	Width	Depth	Qty	Plies	Pcs	Length
R1	TJ Rim Board 1.125 X 9.5	1.125	9.5			5	12-0-0
R2	TJ Rim Board 1.125 X 11.875	1.125	11.875			12	12-0-0
Hanger							
Label	Pcs	Description	Skew	Slope	fasteners	Supported Member	fasteners
H1	2	HGUS412			56 16d	20 16d	
H2	20	LT231188			4 10d	2 10dx1 1/2	
H3	9	LT351188			4 10dx1 1/2	2 10dx1 1/2	



Project	202312519
Builder	Sixth Ave Homes
Layout Name	35 Botfield Dr
Created	April 19, 2023
Sales Rep	Erik Jensen
Designer	Khai Tran
LOWES	

Ground Floor	
Design Method	LSD (Canada)
Building Code	NBCC 2015 / OBC 2012

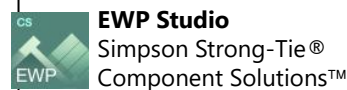
Floor	
Loads	
Live	40
Dead	15
Deflection Joist	
LL Span L/	480
TL Span L/	240
Deflection Flush Girder	
LL Span L/	360
TL Span L/	240
Deflection Dropped Girder	
LL Span L/	360
TL Span L/	240
Deflection Header	
LL Span L/	360
TL Span L/	240
Decking	
Decking	SPF Plywood
Thickness	3/4"
Fastener	Nailed & Glued
Vibration	
Ceiling:	Gypsum 1/2"

General Notes

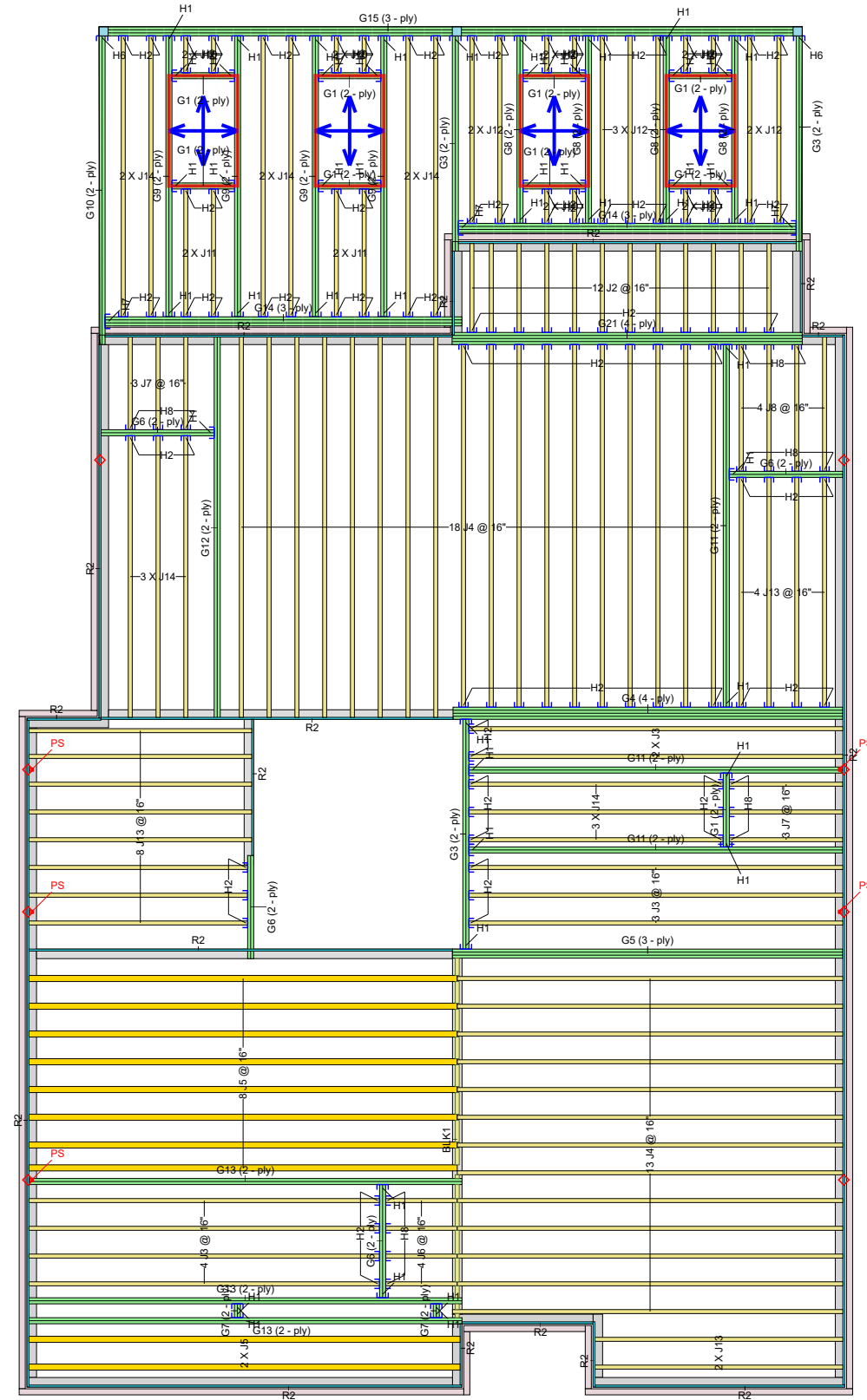
- The building design professional is responsible for the overall stability of the structure.
- Minimum required bearings for TJI 230,360,560 : 1-1/2" at end bearings (2-1/2" for depths greater than 16")
- Minimum required bearings for LVL is 1-1/2"; or as noted on the member component drawing; whichever is greater.
- Unless otherwise noted, continuous lateral support must be provided to the compression edge of all joist, girder & beam members. Continuous support is considered to be a maximum unbraced length of 24". This restraint is normally provided by sheathing and/or framing members which must be adequately anchored to the member & supporting structure.
- Provide lateral support to all joist, girder & beam members at bearing locations to prevent lateral displacement & rotation.
- All EWP components to be used in a dry, covered and well ventilated environment where the moisture content will not exceed 15% - such as in most covered structures.
- Point loads from above shall be solid blocked to bearing below.
- All floor sheathing must be attached as indicated for the entire length of the joist.
- Ledger details/connections are responsibility of others
- LVL beams are not loaded to carry brick/stone veneer.
- All lengths & quantities must be verified by contractor prior to installation.
- Refer to Trus Joist literature for installation requirements handling & storage guidelines available from Trus Joist or www.weyerhaeuser.com/woodproducts/canada/
- Code evaluations:
CCMC 13132-R-2, TJ Joists - All Series, CCMC 12627-R- TimberStrand
CCMC 11161-R- Parallam, CCMC 08675-R- Microllam LVL,
CCMC 13261-R- TJ OSB Rimboard

Legend

WS	Web Stiffener
-ws	In Hanger Label Denotes Web



Second Floor



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General Notes

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- Code evaluations:
CCMC 13132-R-2, TJI Joists - All Series, CCMC 12627-R- TimberStrand
CCMC 11161-R- Parallam, CCMC 08675-R- Microlam LVL,
CCMC 13261-R- TJI OSB Rimboard

Second Floor

Label	Description	Width	Depth	Qty	Plies	Pcs	Length
J6	TJI 230	2.3	9.5			4	4-0-0
J7	TJI 230	2.3	9.5			6	6-0-0
J8	TJI 230	2.3	9.5			4	8-0-0
J10	TJI 230	2.3	11.875			12	2-0-0
J2	TJI 230	2.3	11.875			12	6-0-0
J11	TJI 230	2.3	11.875			4	8-0-0
J12	TJI 230	2.3	11.875			7	10-0-0
J13	TJI 230	2.3	11.875			14	12-0-0
J14	TJI 230	2.3	11.875			12	14-0-0
J3	TJI 230	2.3	11.875			9	18-0-0
J4	TJI 230	2.3	11.875			31	20-0-0
J5	TJI 560	3.5	11.875			10	22-0-0

LVL/LSL (Flush)

Label	Description	Width	Depth	Qty	Plies	Pcs	Length
G7	2.0E Microllam LVL	1.75	11.875	2	2	4	2-0-0
G1	2.0E Microllam LVL	1.75	11.875	9	2	18	4-0-0
G6	2.0E Microllam LVL	1.75	11.875	4	2	8	6-0-0
G8	2.0E Microllam LVL	1.75	11.875	4	2	8	10-0-0
G3	2.0E Microllam LVL	1.75	11.875	3	2	6	12-0-0
G9	2.0E Microllam LVL	1.75	11.875	4	2	8	14-0-0
G10	2.0E Microllam LVL	1.75	11.875	1	2	2	16-0-0
G11	2.0E Microllam LVL	1.75	11.875	3	2	6	18-0-0
G14	2.0E Microllam LVL	1.75	11.875	2	3	6	18-0-0
G21	2.0E Microllam LVL	1.75	11.875	1	4	4	18-0-0
G4	2.0E Microllam LVL	1.75	11.875	1	4	4	20-0-0
G5	2.0E Microllam LVL	1.75	11.875	1	3	3	20-0-0
G12	2.0E Microllam LVL	1.75	11.875	1	2	2	20-0-0
G13	2.0E Microllam LVL	1.75	11.875	3	2	6	22-0-0
G15	2.0E Microllam LVL	1.75	11.875	1	3	3	34-0-0

Rim Board

Label	Description	Width	Depth	Qty	Plies	Pcs	Length
R2	TJ Rim Board 1.125 X 11.875	1.125	11.875			20	12-0-0

Blocking

Label	Description	Width	Depth	Qty	Plies	Pcs	Length
BLK1	TJI 230	2.3	11.875	LinFt		Varies	14-0-0

Hanger

Label	Pcs	Description	Skew	Slope	Beam/Girder Supported Member	
					fasteners	fasteners
H1	49	HGUS412			56 16d	20 16d
H2	119	LT231188			4 10d	2 10dx1 1/2
H6	2	HUC410 (Min)			14 16d	6 10d
H7	3	HGUS5.50/12			56 16d	20 16d
H8	17	LT239			4 10d	2 10dx1 1/2



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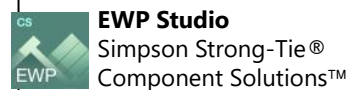
Second Floor	
Design Method	LSD (Canada)
Building Code	NBCC 2015 / OBC 2012

Floor	
Loads	
Live	40
Dead	15
Deflection Joist	
LL Span L/	480
TL Span L/	240
Deflection Flush Girder	
LL Span L/	360
TL Span L/	240
Deflection Dropped Girder	
LL Span L/	360
TL Span L/	240
Deflection Header	
LL Span L/	360
TL Span L/	240
Decking	
Decking	SPF Plywood
Thickness	3/4"
Fastener	Nailed & Glued
Vibration	
Ceiling:	Gypsum 1/2"

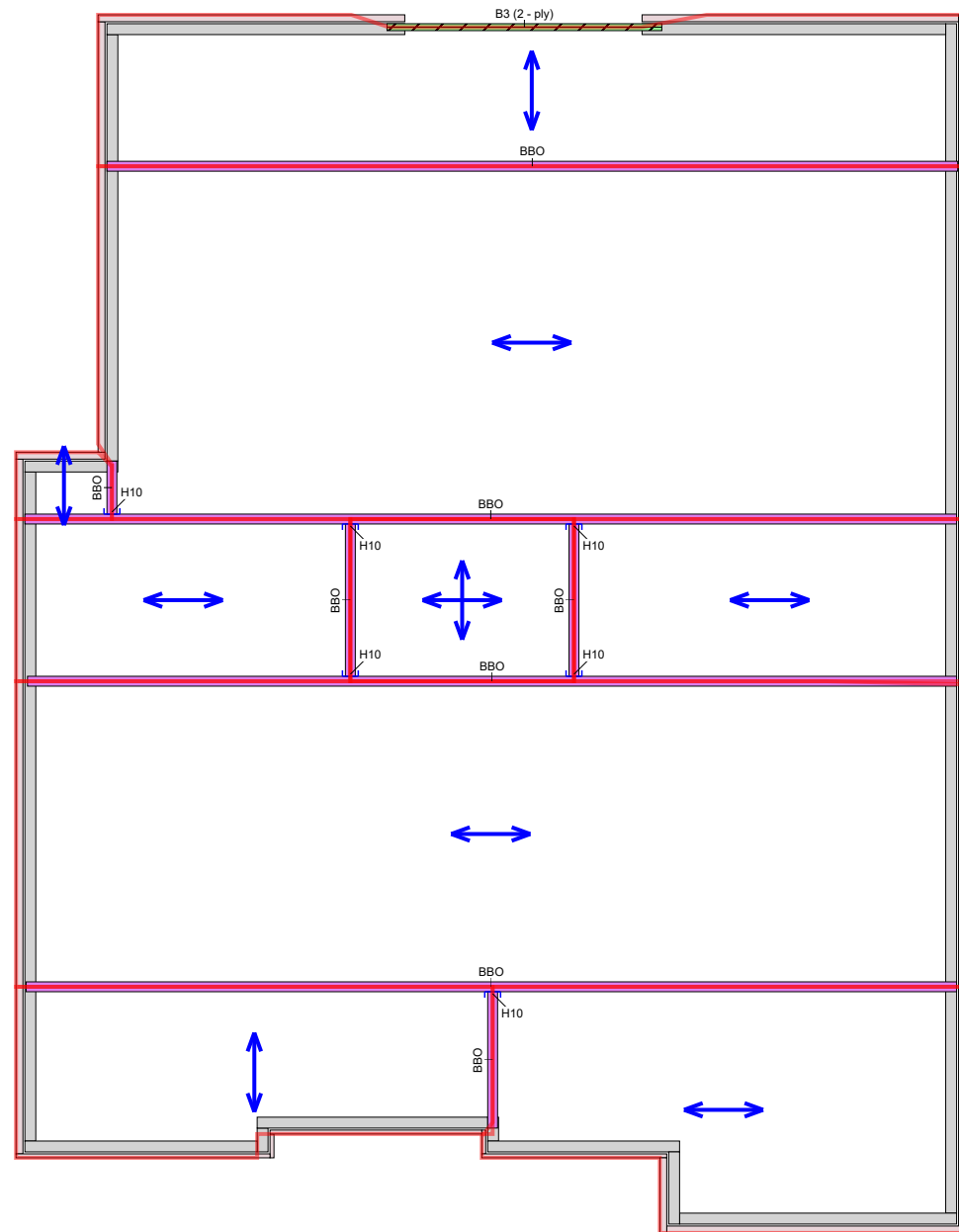
Roof	
Loads	
Live	0
Dead	17
Snow	26
Deflection Joist	
LL Span L/	480
TL Span L/	240
Deflection Flush Girder	
LL Span L/	360
TL Span L/	240
Deflection Dropped Girder	
LL Span L/	360
TL Span L/	240
Deflection Header	
LL Span L/	360
TL Span L/	240
Decking	
Decking	SPF Plywood
Thickness	5/8"
Fastener	Nailed Only

Legend

WS	Web Stiffener
-ws	In Hanger Label Denotes Web



Roof



Roof							
LVL/LSL (Dropped)							
Label	Description	Width	Depth	Qty	Plies	Pcs	Length
B3	2.0E Microllam LVL	1.75	11.875	1	2	2	12-0-0
Hanger							
				Beam/Girder	Supported Member		
Label	Pcs	Description	Skew	Slope	fasteners	fasteners	
H10	6	Connection By Others					



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TL Span L/	240
Deflection Dropped Girder	
LL Span L/	360
TL Span L/	240
Deflection Header	
LL Span L/	360
TL Span L/	240
Decking	
Decking	SPF Plywood
Thickness	3/4"
Fastener	Nailed & Glued
Vibration	
Ceiling:	Gypsum 1/2"

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Loads	
Live	0
Dead	17
Snow	26
Deflection Joist	
LL Span L/	480
TL Span L/	240
Deflection Flush Girder	
LL Span L/	360
TL Span L/	240
Deflection Dropped Girder	
LL Span L/	360
TL Span L/	240
Deflection Header	
LL Span L/	360
TL Span L/	240
Decking	
Decking	SPF Plywood
Thickness	5/8"
Fastener	Nailed Only

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CCMC 13261-R- TJ OSB Rimboard

Legend

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