

Load from above

Web stiffeners

required on both

sides at E1W ONLY

E1 E1W

8" diameter maximum hole for 11\(^7/_8\)"

16" deep blocking panels; 6" diameter

maximum for blocking panels 91/2"

deep or shorter than 12" long.

1¹/₈" TJ[®] Rim Board or

Do not cut flanges.

1¹/₄" or 1¹/₉" TimberStrand[®] LSL.

Nail with 10d (0.131" x 3")

nails, one each at top and

Adjust joist up to 3" to allow for

Max clear span at L/480 and max

24" o.c. spacing.

9 1/2" 210 16" o.c. 15'9"

11 7/8" 210 16" o.c. 18'8"

Plumbing and Mechanical installation.

2x4 minimum

squash blocks

SCAN WITH YOUR SMARTPHONE
INSTALLATION GUIDE FOR
FLOOR AND ROOF FRAMING

Use 2x4 minimum squash blocks to

FLOOR AND ROOF FRAMING

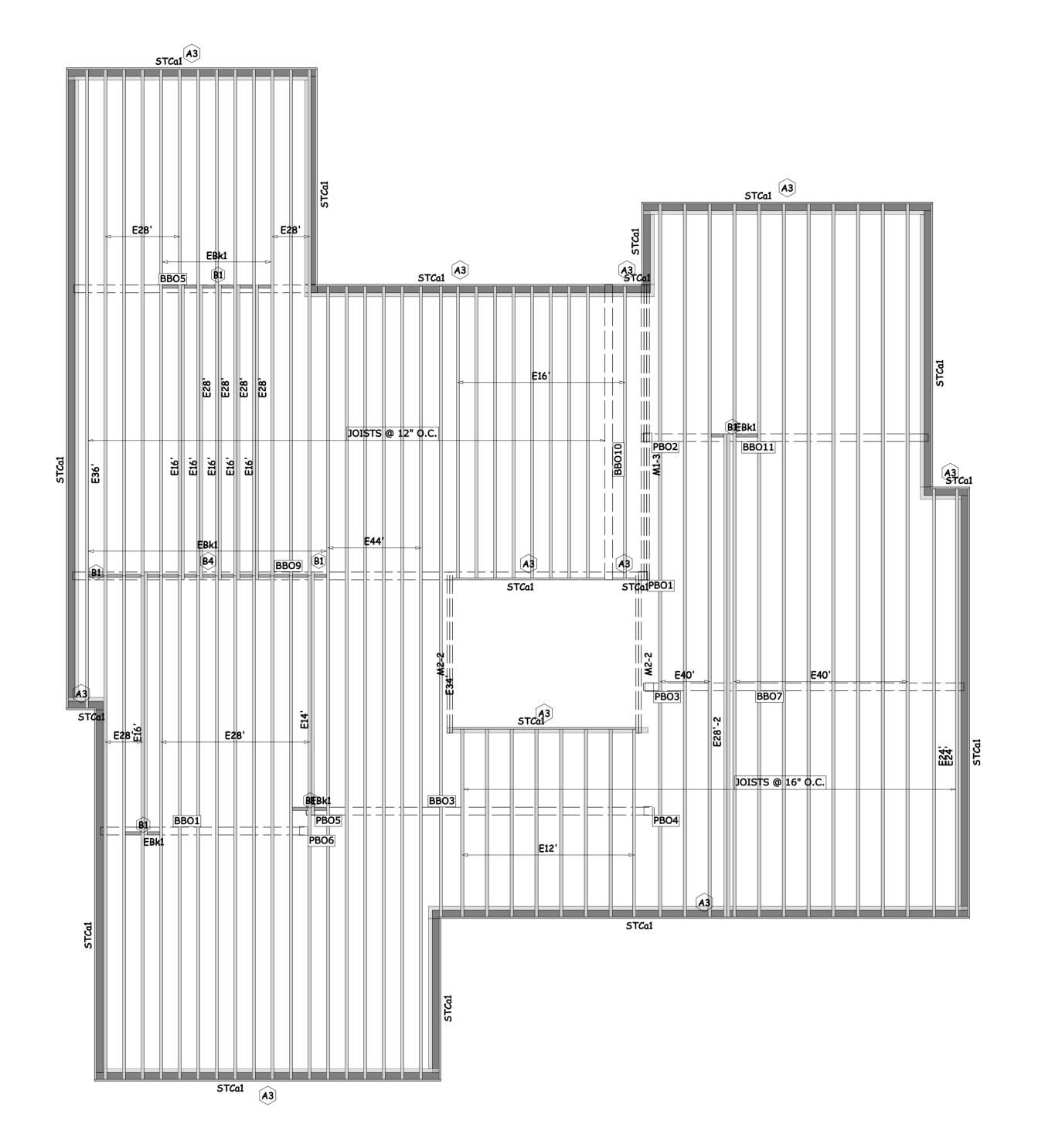
DAMAGE REPORTING

transfer load around TJI® joist

Actual materials and quantities may vary due to jobsite conditions, design changes and installation variations. It is the responsibility of the Builder for this Layout to be reviewed and Approved by an appropriate Design Professional as required by the permitting authority.

ALL ROOF LOADS ASSUMED TO BE SUPPORTED AT EXTERIOR WALLS AND BEAMS BY OTHERS, IF APPLICABLE, UNLESS OTHERWISE NOTED. NO ROOF LOADS APPLIED TO FLOOR MEMBERS.

210'S 16" O.C. UNLESS OTHERWISE NOTED



Total Lengths		
Length	Product	
1926' 0"	9 1/2" TJI 210 joist	
88' 0"	1 3/4" x 9 1/2" 2.0E Microllam LVL	
226' 0"	1 1/2" x 5 1/2" 1.3E StrandGuard TimberStrand LSL	
240' 0"	1 1/8" × 9 1/2" TJ Rim Board	

Blocking					
PlotID	Length	Product	Plies	Net Qty	
EBk1	2' 0"	9 1/2" TJI 210 joist	1	1	
EBk1	1' 0"	9 1/2" TJI 210 joist	1	24	

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PlotID	Length	Product			Plies	Net Qty
		23/32"x48"x96" Weyerhaeuser Edge	Panel (0	/24) T&G FF	1	63
		Products				
PlotID	Length	Product	Plies	Net Qty		
E44'	44' 0"	9 1/2" TJI 210 joist	1	6		
E40'	40' 0"	9 1/2" TJI 210 joist	1	11		
E36'	36' 0"	9 1/2" TJI 210 joist	1	1		
E34'	34' 0"	9 1/2" TJI 210 joist	1	1		
E28'-2	28' 0"	9 1/2" TJI 210 joist	2	2		
E28'	28' 0"	9 1/2" TJI 210 joist	1	24		
E24'	24' 0"	9 1/2" TJI 210 joist	1	2		
E16'	16' 0"	9 1/2" TJI 210 joist	1	15		
E14'	14' 0"	9 1/2" TJI 210 joist	1	1		
E12'	12' 0"	9 1/2" TJI 210 joist	1	8		
M1-3	16' 0"	1 3/4" x 9 1/2" 2.0E Microllam LVL	3	3		
M2-2	10' 0"	1 3/4" × 9 1/2" 2.0E Microllam LVL	2	4		
STCa1	16' 0"	1 1/8" × 9 1/2" TJ Rim Board	1	15		

Accessories

	LEVEL NOTES		
Current Date:	8/11/2021		
File Name:	FPS21-0821_Owen Lumber_Gale Homes Lot 1473 Winterset Valley.jv		
Level Name:	Foundation		
Building Code - Design Methodology:	IBC 2015		
Members with Design Overridden:			
TJ-Pro Rating (Weighted Average):	44		
Minimum Level TJ - Pro Rating & Joist:	TJ-Pro rating = 35, joist = E34'(i685)		
Maximum Level TJ - Pro Rating & Joist:	TJ-Pro rating = 68, joist = E12'(i618)		
FLOOR			
Floor Container:	FC1		
Use/Occupancy:	ResidentialLivingAreas		
Floor Area Loading is:	40.0 lb/ft2 Live Load & 12.0 lb/ft2 Dead Load		
Maximum Allowed Deflection:	L/480 Live Load & L/240 Total Load		
TJ-Pro Rating Information:			
Weighted Average:	44		
Directly Applied Ceiling:	None		
Decking Attachment:	Glue and Nail		
Decking Material:	23/32"x48"x96" Weyerhaeuser Edge Panel (0/24) T&G FF		
Perpendicular Partition:	No		
Strapping at max 8' o.c.:	None		
Blocking at max 8' o.c.:	No		
Poured Flooring:	No		



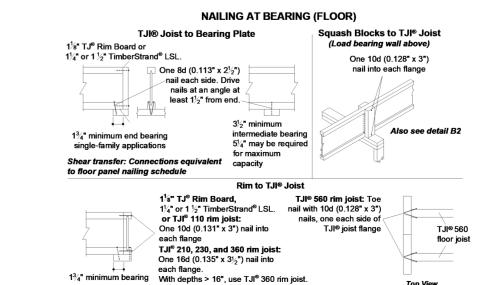


DO NOT walk on joists

until braced.







This layout is intended for product application assurance and is not intended to circumvent the need for a design professional as determined by the Building Codes. The designer of record and/ or builder/ framer is responsible to assure these drawings are compatible with the overall project.

Symbol Legend

\Diamond	User Defined Point Load
+++++	User Defined Line Load
	User Defined Area Load
BBO	Beam By Others

PBO Post By Others Layout Start Location

Construction Detail Callout (See Framer's Pocket Guide) 12K (WARNING: Member design did not

include this load. Special consideration is required by the designer of record.) Required Bearing Length (Only placed at insufficient bearing



MIKE CARIOSCIA FOREST PRODUCTS SUPPLY 913-441-7000

WINTERSET 1473 LOT ES

GALE

SCALE

1/4"=1'-0"

PROJECT #: FPS 21-0821 8/11/2021

WARNING Joists are unstable until braced laterally

that are lying flat.

INJURY MAY RESULT. **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. Laterial 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. 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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