

B3 Blocking panels may be required with braced/shear walls above or below — see detail B1

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

SCAN WITH YOUR SMARTPHONE

DAMAGE REPORTING

transfer load around TJI® joist

Load from above

Web stiffeners required each side at B3W ONLY

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

1<sup>1</sup>/<sub>4</sub>" or 1<sup>1</sup>/<sub>2</sub>" TimberStrand<sup>®</sup> 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.

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

RELEASE FOR CONSTRUCTION **AS NOTED ON PLANS REVIEW DEVELOPMENT SERVICES** LEE'S SUMMIT, MISSOURI 09/01/2021 11:17:57

Plies Net Qty

NAILING AT BEARING (FLOOR)

3½" minimum

intermediate bearing 51/4" may be required

Rim to TJI® Joist

 $1\frac{1}{4}$ " or  $1\frac{1}{2}$ " TimberStrand® LSL. nail with 10d (0.128" x 3")

nails, one each side of

1<sup>1</sup>/<sub>8</sub>" TJ<sup>®</sup> Rim Board or

11/4" or 1 1/2" TimberStrand® LSL

13/4" minimum end bearing

∩ One 8d (0.113" x 2½")

nail each side. Drive nails at an angle at

least 1½" from end.

1<sup>1</sup>/<sub>8</sub>" TJ<sup>®</sup> Rim Board,

each flange

each flange.

13/4" minimum bearing With depths > 16", use TJI® 360 rim joist.

or TJI® 110 rim joist:

One 10d (0.131" x 3") nail into

TJI<sup>®</sup> 210, 230, and 360 rim joist:

One 16d (0.135" x 31/3") nail into

Squash Blocks to TJI® Jois

(Load bearing wall above)

One 10d (0.128" x 3")

Also see detail B

TJI® 560

floor joist



DATE: 08/24/2021

APEX ENGINEERS, INC.



Symbol Legend

User Defined Point Load User Defined Line Load User Defined Area Load BBO Beam By Others PBO Post By Others

Weyerhaeuser

**←** 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

T PREPARED BY MIKE CARIOSCIA FOREST PRODUCTS SUPPLY 913-441-7000

VALLEY WINT

1473 LOT ES GALE

intended to circumvent the professional as determined **SCALE** 

1/4"=1'-0" PROJECT #: FPS 21-0821

8/11/2021

responsible to assure these drawings are compatible with the overall project.

This layout is intended for

product application

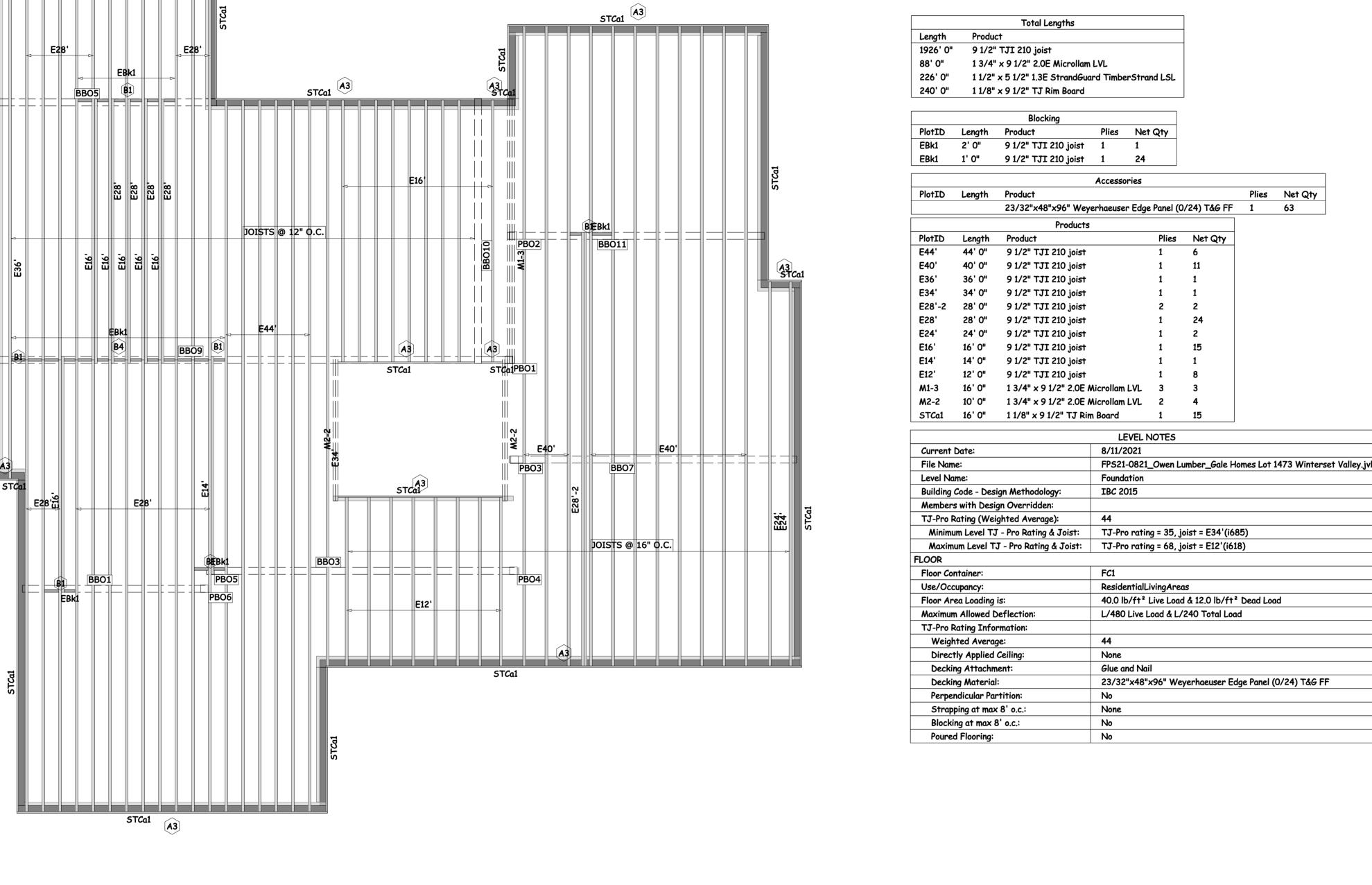
need for a design

assurance and is not

by the Building Codes.

The designer of record

and/ or builder/ framer is











**WARNING NOTES:** 

accidents. Observe the following guidelines:

**WARNING** 

Bracing Includes:

Joists are unstable until braced laterally



Lack of proper bracing during construction can result in serious

Shear transfer: Connections eq to floor panel nailing schedule 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. A Weyerhaeuser, Microllam, Parallam, TimberStrand, TJI, TJ, and Trus Joist are registered trademarks of

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