DO NOT CUT, DRILL, NOTCH, OR OTHERWISE DAMAGE TRUSSES. Contact your BFS Representative for assistance PRIOR TO modifying any truss. Espanol - (NO CORTE, PERFORE, HAGA MUESCAS O DANE DE CUALQUIER OTRA MANERA LAS TRUSSES (CERCHAS DE MADERA). Contacte a su representante de BFS para asistencia ANTES de

realizar cualquier modification.)

1. This Truss Placement Diagram is intended to serve as a guide for truss installation. This Diagram has been prepared by a Truss Technician and is not an engineered drawing. 2. The responsibilities of the Owner, Building

Designer, Contractor, Truss Designer, and Truss Manufacturer shall be as defined by the TPI 1 National Standard.

3. The wood components shown on this diagram are to be used in dry service (moisture content<19%) and non-toxic environmental applications. The metal plates and hangers are galvanized to the G60 Standard unless noted

4. Refer to the Truss Design Drawings for

design. 5. The Truss Technician shall provide Truss-to-Truss Connection Requirements. Any special or other connection shall be the responsibility of the Building Designer.

6. The Truss Placement Diagram and Truss Design Drawings are the property of Builders FirstSource and may not be reused or reproduced in part or in total under any circumstances without prior written

7. In some cases, field framing may be required to achieve the final appearance shown on the

8. Field framing, including valley rafters, installed over roof trusses shall have a knee brace from the rafter to the truss top chord at intervals of 48" on center (O.C.) or less. Stagger knee braces from adjacent rafters such that the load is distributed uniformly over multiple truss locations and not concentrated at one location or

along one truss.

9. Truss Top Chords shall be fully sheathed or have lateral bracing (purlins) spaced at 24" O.C. or less. Truss Bottom Chord Bracing shall not exceed the maximum shown on the Truss Design Drawing. Field framed bottom chord floor or brawing, Freid frames bottom conditions ceiling attachments shall be spaced at 24" O.C. or less, Proper Bracing prevents buckling of individual truss members due to design loads.

 This Placement Diagram is based upon the supporting structure being structurally adequate, dimensionally correct, square, plumb, and level to adequately support the trusses. The foundation design, structural member sizing, load transfer, bearing conditions, and the structure's compliance with the applicable building code are the responsibility of the

Owner, Building Designer, and Contractor.

11. If Piggyback Trusses are included in this project, refer to the Mitek Piggyback Connection
Detail applicable for the project details and wind load category.

12. The Contractor shall follow the SBCA TTB

Partition Separation Prevention and Solutions for truss attachment to non-load bearing walls and carefully complete these details to avoid gypsum wall board related issues. WARNING:

TRUSSES MUST BE BRACED DURING INSTALLATION. FAILURE TO DO SO MAY RESULT IN INJURY OR DEATH. Espanol -(TRUSSES (CERCHAS) DEBERAN TENER UN SOPORTE DURANTE LA INSTALACION, NO HACERLO PODRIA RESULTAR EN LESIONES O

1. Trusses shall be installed in a safe manner meeting all code, local, OSHA, TPI, and BCSI Specifications. Failure to follow these specifications may result in injury or death. 2. Buildings under construction are vulnerable

to high winds and present a possible safety hazard. The Contractor is responsible for recognizing adverse weather conditions and shall take appropriate action to prevent injury or 5' 0"

oeatm.
3. BCSI INSTRUCTIONS SHALL BE FOLLOWED:
BCSI-B1 = Safe Truss Handling and Installation
BCSI-B2 = Installation and Temporary Restraint BCSI-B3 = Permanent Restraint BCSI-B4 = Safe Construction Loading

BCSI-B5 = Truss Damage and Modification Guidelines BCSI-B7 = Floor Truss Installation

BCSI-B8 = Toe-Nailed Connections BCSI-B9 = Multi-Ply Girders

BCSI-B10 = Post Frame Truss Installation BCSI-B11 = Fall Protection

4. Follow TPI Requirements for Long Span

40' 0" 15' 11" ₂'0" ₂'0" ₂'0" ₂'0" ₂'0" ₂'0" ₂'0" J11(5) ,2' 0" ,2' 0" J04(4) J10(4) 5 N D15 2' 0" 10 1/2" LG02 10' CEILING 12' 3 1/2" 13' 4" 10' CEILING D09 D09 E08 D09 10' CEILING LG04 LG05 E10 E11 E13 E14 B07 B07 B07 B07 B06 21' 0 7/8"

-G0_{B03}

2' 0" 2' 0" 2' 0" 2' 0" 2' 0" 2' 0" 2' 0" 2' 0" 2' 0"

6' 8"

B02 B01

10' 0"

RELEASE FOR CONSTRUCTION 03/18/202

TOP TO BOTTOM PITCH 4.5/12 SOFFIT DESIGNED FOR 12" HEEL HEIGHT 7-1/4"

SIDE TO SIDE PITCH 6/12 SOFFIT DESIGNED FOR 12" HEEL HEIGHT 8-3/4"

WALL HEIGHT 9' 1-1/8" **EXTERIOR WALL 2X4**

BOX VAULTS/COFFERS AT BEDROOM #1, BATHROOM #1, GREAT ROOM, & FOYER.

UNLESS NOTED OTHERWISE SEE LAYOUT FOR INFORMATION DIFFERENT FROM ABOVE STANDARDS

Roof Plane Hip Lines, 232.44 Horizontal Overhang Lines,278.89 Raked Overhang Lines,23.36 Ridge Lines1,46.64 Roof Area,2978.2 Valley Lines, 97.01

HANGER	QTY	LOCATION		
H2.5A	50	TRUSS TO BEAM/WALL TIE DOWN		
SDWC15600	100	TRUSS TO WALL TIE DOWN		
LUS24	30	0		

RESIDENTIAL ENGINEERING SERVICES, LLC. SHOP DRAWINGS/SUBMITTAL REVIEW

SUBMITTAL WAS REVIEWED FOR DESIGN CONFORMITY AND GENERAL CONFORMANCE TO CONTRACT DOCUMENTS ONLY. THE CONTRACTOR IS RESPONSIBLE JOBSITE FOR TOLERANCE, CLEARANCE, QUANTITIES, FABRICATION, COORDINATION OF HIS OR HER WORK WITH OTHER TRADES, AND FULL COMPLIANCE WITH CONTRACT DOCUMENTS.

STATUS:

APPROVED

03.17.2021

REVIEWED BY

BH

ENGINEER, RESIDENTIAL ENGINEERING SERVICES, LLC

25 PSF TCLL 20 PSF TCDL

DESIGN LOADS: 10 PSF BCDL

INSTALLATION
R HOLDING
SIGNED AND
O BE APPLIED
O. AT NO TIME
VLIED TO THE
ATTONS ONLY
E CAPABLE OF

WWW.BLDR. Builders FirstSourc



2686850	SUMMIT HOMES - WOODSIDE RIDGE #37	TBD	LEE'S SUMMIT, MO	TODD W MOORE	2/26/2021
ON BOL	DESCRIPTION	JOB ADDRESS	YTIO	DESIGNER	DATE

ROOF TRUSS LAYOUT

PAGE

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