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

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

para asistencia ANTES de realizar cualquier

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 specific

information about each individual truss 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 authorization

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

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 ceiling attachments shall be spaced at 24" O.C. or less. Proper Bracing prevents buckling of individual truss nembers due to design loads.

10. 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

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

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 MUERTE.)

 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 death.

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

BCSI-B7 = Floor Truss Installation

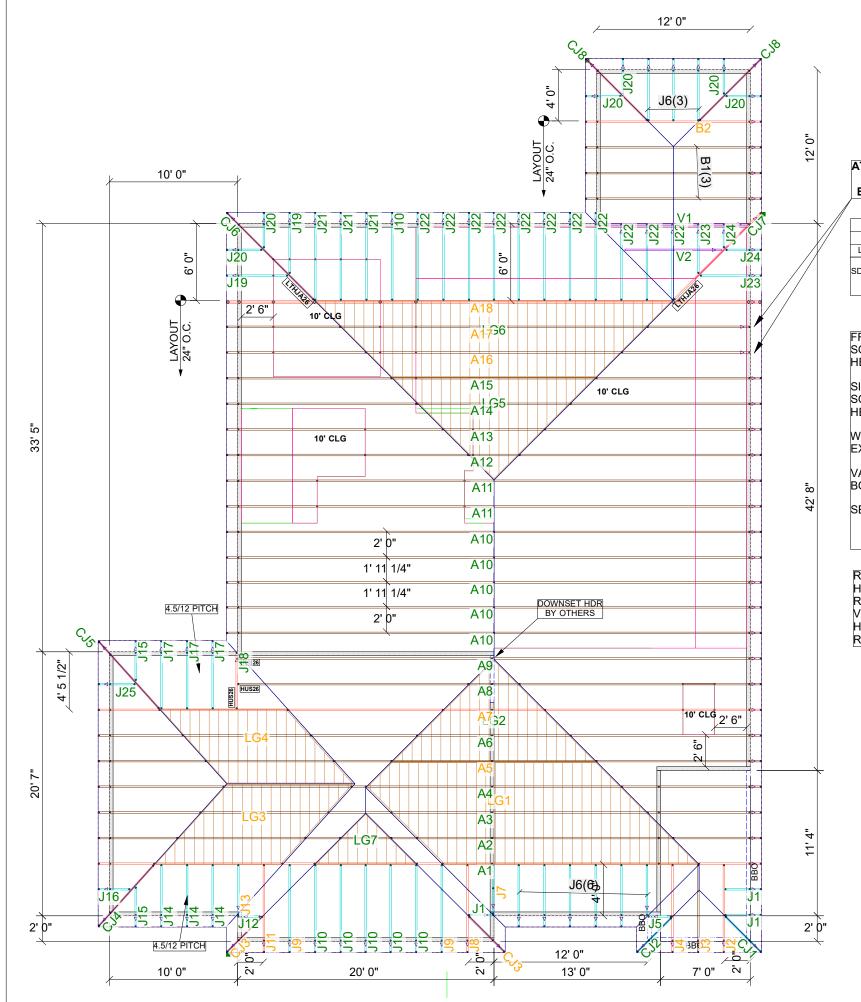
BCSI-B8 = Toe-Nailed Connections

BCSI-B9 = Multi-Ply Girders

BCSI-B10 = Post Frame Truss Installation

BCSI-B11 = Fall Protection

4. Follow TPI Requirements for Long Span Trusses



RELEASE FOR **CONSTRUCTION**

AS NOTED ON PLANS REVIEW DEVELOPMENT SERVICES LEE'S SUMMIT, MISSOURI

12/15/2020

ATTACH PROVIDED 2X8 SCAB PER **ENG DWG NOTES**

HNGR	QTY	CARRIED MBR			
HUS26	3	A8,A9,J18			
LTHJA26	2	CJ6,CJ7			
SDWC15600 H2.5A	100 20	TRUSS TO WALL TIE DOWN TRUSS TO BEAM/WALL TIE DOWN			

FRONT TO BACK PITCH: 5/12 SOFFIT DESIGNED FOR 12" HEEL: 7-3/4"

SIDE TO SIDE PITCH: 5/12 SOFFIT DESIGNED FOR 12"

HEEL: 7-3/4"

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

VAULTS: 3/12

BOX COFFERS: 1' ABOVE PLATE HEIGHT

SEE LAYOUT FOR INFO DIFFERENT FROM ABOVE STANDARD

ROOF AREA: 3007.05 HORIZONTAL OVERHANG:247 RIDGE LINES: 40 VALLEY LINES: 64.55 HIP LINES: 187.65 RAKED OVERHANGS: 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 FOR CONFIRMING AND CORRELATING DIMENSIONS AT JOBSITE FOR TOLERANCE CLEARANCE QUANTITIES. FABRICATION, COORDINATION OF HIS OR HER WORK WITH OTHER TRADES, AND FULL COMPLIANCE WITH CONTRACT DOCUMENTS.

STATUS:

APPROVED

12.12.2020

REVIEWED BY:

BH

ENGINEER, RESIDENTIAL ENGINEERING SERVICES, LLC

DESIGN LOADS:

25 PSF TCLL 20 PSF TCDL 10 PSF BCDL

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BE APPLIED

AT NO TIME
LIED TO THE
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CAPABLE OF

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2546929	Summit Homes - #13 Woodside Ridge	2021 NW Ashurst Dr.	Lee's Summit, MO	Scott Clevenger	12/1/2020
ON BOL	DESCRIPTION	JOB ADDRESS	YTIO	DESIGNER	DATE

ROOF TRUSS LAYOUT

PAGE

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