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 assistencia ANTES de realizar qualquier modification.)

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

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 otherwise.

Refer to the Truss Design Drawings for specific information about each individual trust design.

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

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 one truss.

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 members 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 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

12. The Contractor shall follow the SBCA 11B 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.)

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.

 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.

ceatin.
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-B9 = Multi-Ply Girders BCSI-B10 = Post Frame Truss Installation BCSI-B11 = Fall Protection

4. Follow TPI Requirements for Long Span Trusses (>60").

FRONT TO BACK PITCH: 6/12 SOFFIT DESIGNED FOR 12" HEEL: 7-1/4"

SIDE TO SIDE PITCH: 7/12 SOFFIT DESIGNED FOR 12" HEEL: 8-1/4"

WALL HEIGHT: 9' 1-1/8"

EXTERIOR WALLS: 2X4
VAULTS: 5/12

BOX VAULT/COFFER: 1' UP FROM ROOM CEILING HEIGHT

SEE LAYOUT FOR INFO DIFFERENT FROM ABOVE STANDARD

Roof Plane
Hip Lines, 36.63
Horizontal Overhang Lines, 102.53
Raked Overhang Lines, 188.3
Ridge Lines1, 114.87
Roof Area, 3008.17
Valley Lines, 128.55

HNGR	QTY	CARRIED MBR
HUS26	17	A2,C2-C5,J1
HUS28	1	A8
H2.5A SDWC15600	100	TRUSS TO WALL TIE DOWN TRUSS TO BEAM/WALL TIE DOWN

WALL HEIGHTS

10' 1-1/8" PLATE

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:

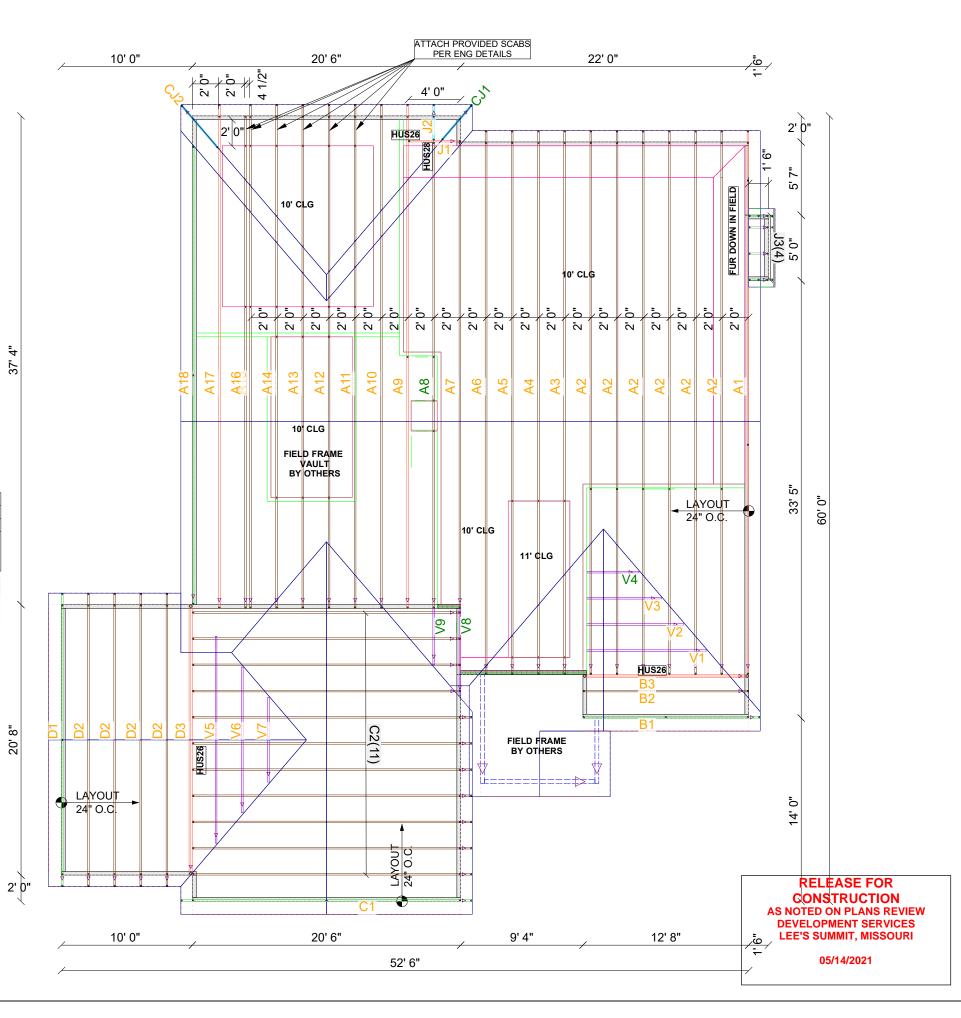
APPROVED

05.12.2021

REVIEWED BY:

BH

ENGINEER, RESIDENTIAL ENGINEERING SERVICES, LLC



DESIGN LOADS:

25 PSF TCLL

10 PSF TCDL

10 PSF BCDL

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O BE APPLIED
O AT NO TIME
LIED TO THE
TIONS ONLY
CAPABLE OF

WWW.BLDR.

FirstSourc

Builders

DESCRIPTION JOB ADDRESS

ROOF

TRUSS LAYOUT

PAGE

1 of 1

JOB No.