

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 modificación.)

- 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.
- The responsibilities of the Owner, Building Designer, Contractor, Truss Designer, and Truss Manufacturer shall be as defined by the TPI 1 National Standard.
- 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 truss design.
- The Truss Technician shall provide Truss-to-Truss Connection Requirements. Any special or other connection shall be the responsibility of the Building Designer.
- 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.
- In some cases, field framing may be required to achieve the final appearance shown on the Construction Documents.
- 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.
- 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.
- 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.
- If Piggyback Trusses are included in this project, refer to the Mitek Piggyback Connection Detail applicable for the project details and wind load category.
- 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.

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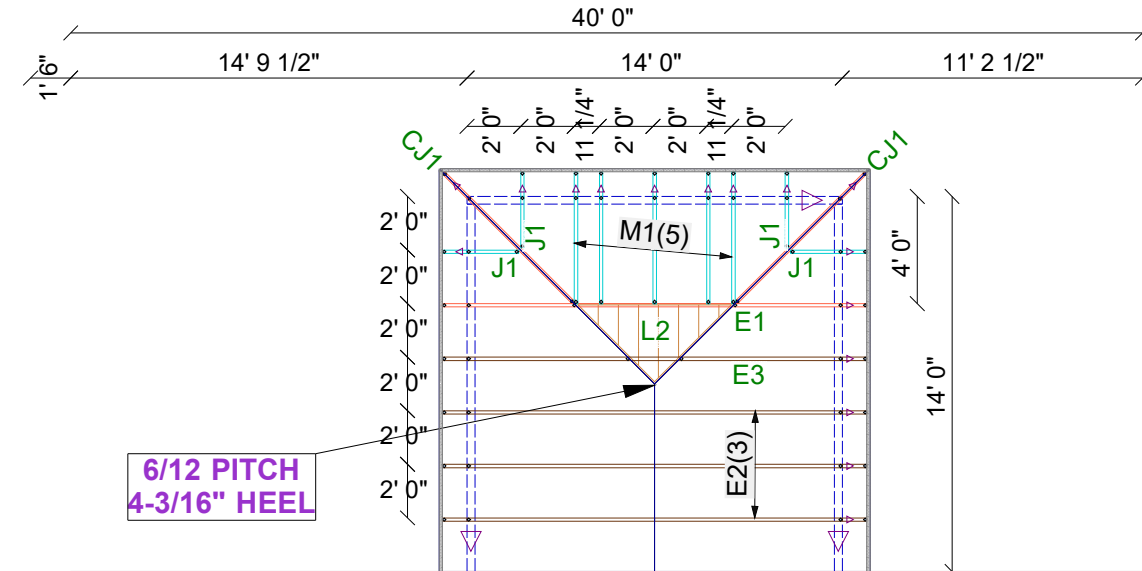
- Trusses shall be installed in a safe manner meeting all code, local, OSHA, TPI, and BCSI Specifications. Failure to follow these specifications may result in injury or death.
- Buildings under construction are vulnerable to high winds and present a possible safety hazard. The Contractor is responsible for recognizing adverse weather conditions and shall take appropriate action to prevent injury or death.
- 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
- Follow TPI Requirements for Long Span Trusses (>60').

**EVERSTEAD**  
**SHOP DRAWINGS/SUBMITTAL REVIEW**

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STATUS:  
**APPROVED**  
01/11/2022

REVIEWED BY:  
**CPD**  
ENGINEER, EVERSTEAD



**6/12 PITCH  
4-3/16" HEEL**

HANGER	QTY	LOCATION
H2.5A	50	TRUSS TO BEAM/WALL TIE DOWN
SDWC15600	100	TRUSS TO WALL TIE DOWN
HUS26	9	△
LUS24	17	○
HHUS26-2	1	□

ROOF AREA: 2768.93  
HORIZONTAL OVERHANG: 197.42  
RIDGE LINES: 94.86  
VALLEY LINES: 66.72  
HIP LINES: 24.13  
RAKED OVERHANGS: 196.49

PITCH 4/12  
SOFFIT DESIGNED FOR 12"  
HEEL HEIGHT 5-15/16"

PITCH 6/12  
SOFFIT DESIGNED FOR 12"  
HEEL HEIGHT 7-1/4"

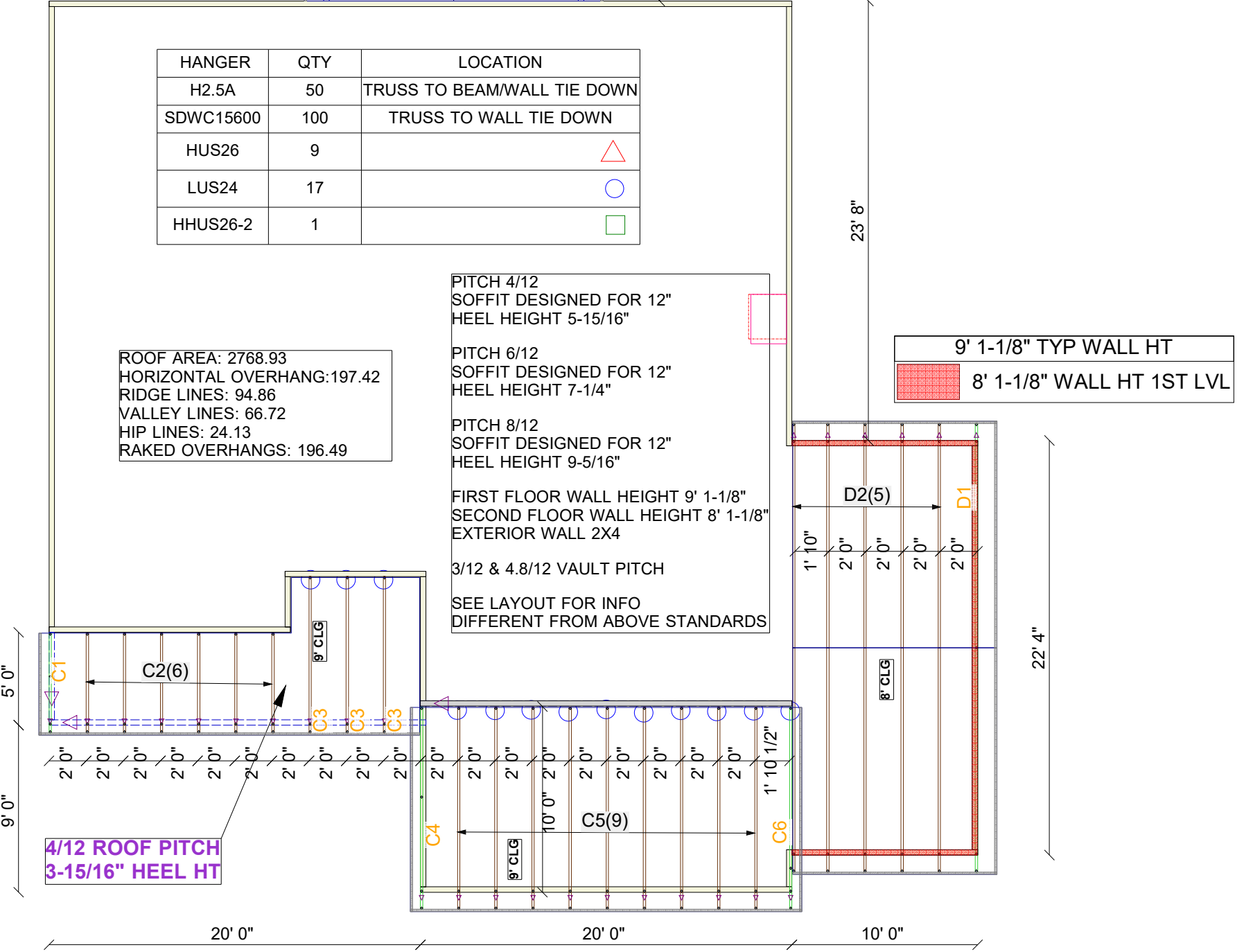
PITCH 8/12  
SOFFIT DESIGNED FOR 12"  
HEEL HEIGHT 9-5/16"

FIRST FLOOR WALL HEIGHT 9' 1-1/8"  
SECOND FLOOR WALL HEIGHT 8' 1-1/8"  
EXTERIOR WALL 2X4

3/12 & 4.8/12 VAULT PITCH

SEE LAYOUT FOR INFO  
DIFFERENT FROM ABOVE STANDARDS

**RELEASE FOR CONSTRUCTION  
AS NOTED ON PLANS REVIEW  
DEVELOPMENT SERVICES  
LEE'S SUMMIT, MISSOURI  
01/13/2022 4:52:53**



**4/12 ROOF PITCH  
3-15/16" HEEL HT**

**9' 1-1/8" TYP WALL HT**  
**8' 1-1/8" WALL HT 1ST LVL**

**DESIGN LOADS:**  
25 PSF TCLL  
10 PSF TC DL  
10 PSF BC DL

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**Builders  
FirstSource**

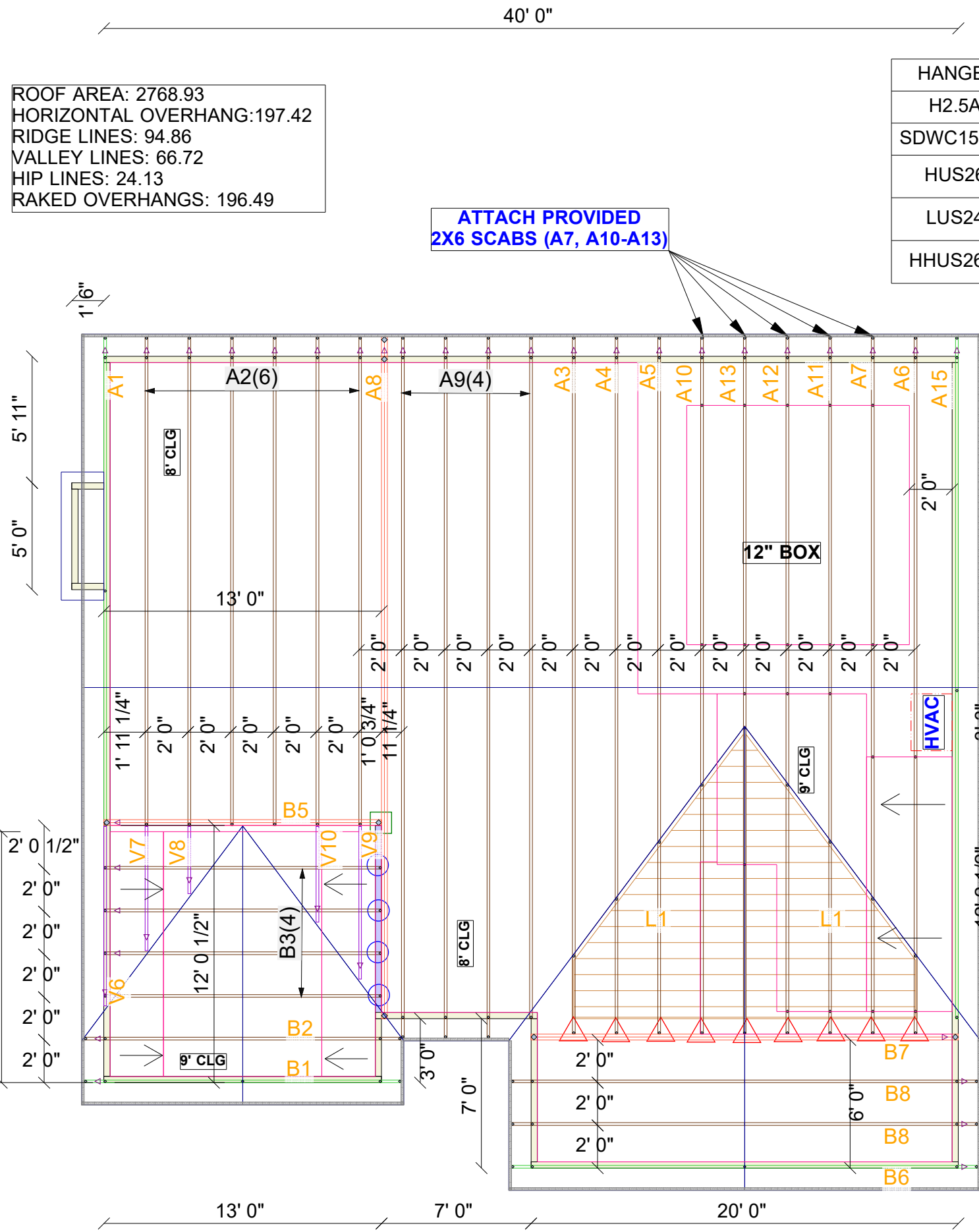
JOB No.	3017089
DESCRIPTION	SUMMIT HOMES - COBEY CREEK #15 - 1ST LVL
JOB ADDRESS	529 SE CARTER RD
CITY	LEE'S SUMMIT, MO
DESIGNER	TODD W MOORE
DATE	12/15/2021

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ATTACH PROVIDED  
2X6 SCABS (A7, A10-A13)

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**ROOF**  
TRUSS LAYOUT

PAGE  
**1 of 1**