

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 otherwise.
4. Refer to the Truss Design Drawings for specific information about each individual truss design.
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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 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 SBCCA 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. Español - (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.
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 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 Trusses (>60').

ENGINEER, EVERSTEAD

2' 0"

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

E2(4)

0"

D2(5)

D3(5)


24

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

20' 9"

Lower Layout

36' 0"

HANGER	QTY	LOCATION
H2.5A	20	TRUSS TO BEAM/WALL TIE DOWN
SDWC15600	50	TRUSS TO WALL TIE DOWN
HUS26	10	

UNLESS NOTED OTHERWISE
SEE LAYOUT FOR INFO DIFFERENT
FROM ABOVE STANDARDS

ROOF AREA: 2006.55
HORIZONTAL OVERHANG: 133.25
RIDGE LINES: 51.69
VALLEY LINES: 36.8
HIP LINES: 11.31
RAKED OVERHANGS: 183.02

2X LEDGERS

D5(7)

4'0"

RELEASE FOR

15'3

Development Services
LEE'S SUMMIT, MISSOURI

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WWW.BLDR.COM

**Builders
FirstSource**



3008830

C&H - 155 Coho Creek

3538 SE Corbin Drive

Lee's Summit MO

Scott Clevenger

12/13/2021

JOB No.

DESCRIPTION

ADDRESS

CITY

SIGNER

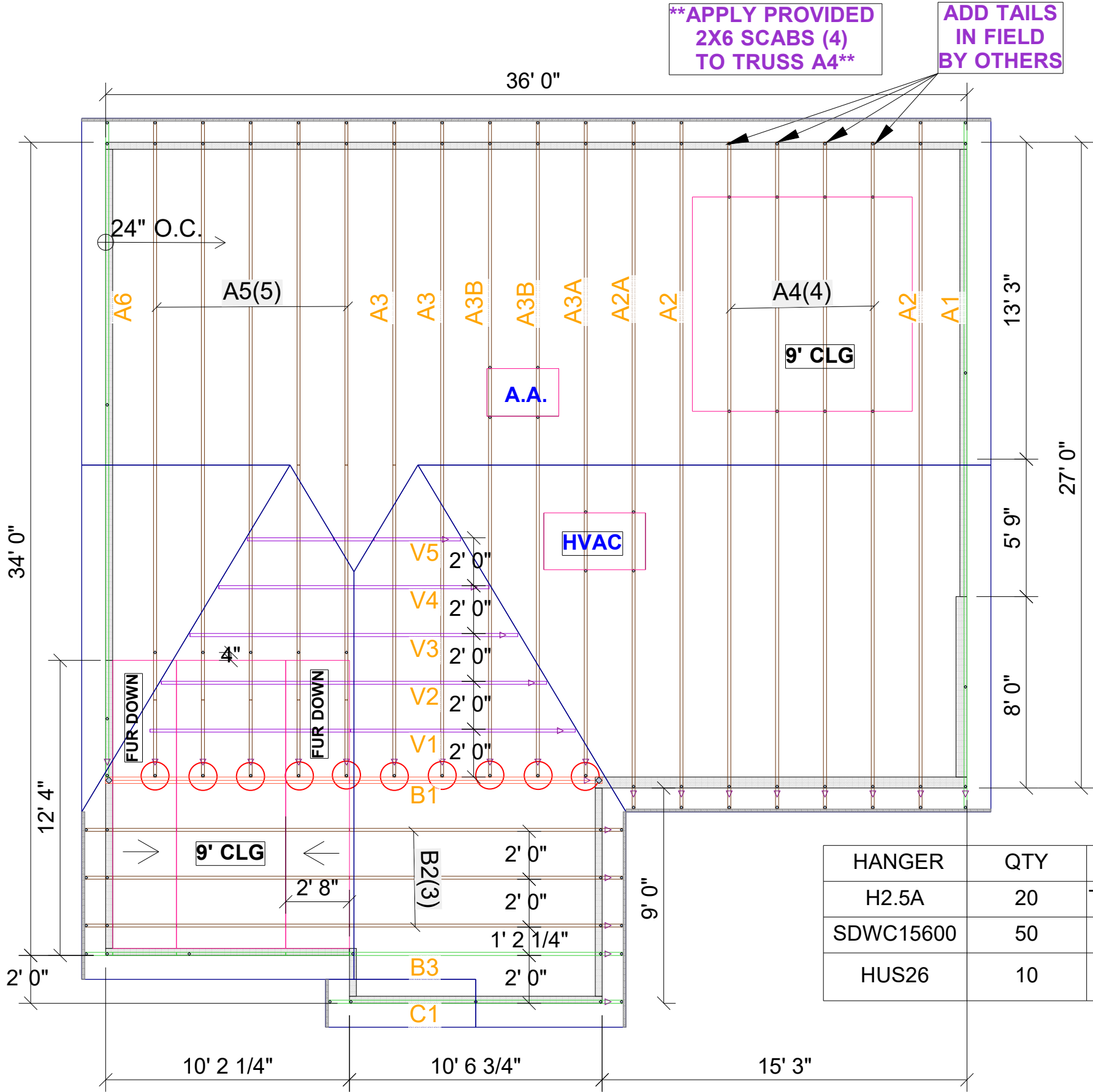
ROOF TRUSS LAYOUT

PAGE

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DO NOT CUT, DRILL, NOTCH, OR OTHERWISE DAMAGE TRUSSES. Contact your BFS Representative for assistance PRIOR TO modifying any truss. Español - (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.)

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 - The Contractor shall follow the SBCE 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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 - Follow TPI Requirements for Long Span Trusses (>60').



Upper Layout

PITCH 4/12
SOFFIT DESIGNED FOR 12"
HEEL HEIGHT 4"

PITCH 6/12
SOFFIT DESIGNED FOR 12"
HEEL HEIGHT 6"

PITCH 10/12
SOFFIT DESIGNED FOR 12"
HEEL HEIGHT 10"

WALL HEIGHT 8' 1-1/8" TYP
EXTERIOR WALL 2X4 & 2X6

VAULT PITCH 4.5/12

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

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Builders
FirstSource



3008830	C&H - 155 Cobey Creek	3538 SE Corbin Drive	Lee's Summit, MO	Scott Cleverger	12/13/2021
JOB No.	DESCRIPTION	ADDRESS	CITY	DESIGNER	DATE

RELEASE FOR
CONSTRUCTION
AS NOTED ON PLANS REVIEW
Development Services
LEE'S SUMMIT, MISSOURI

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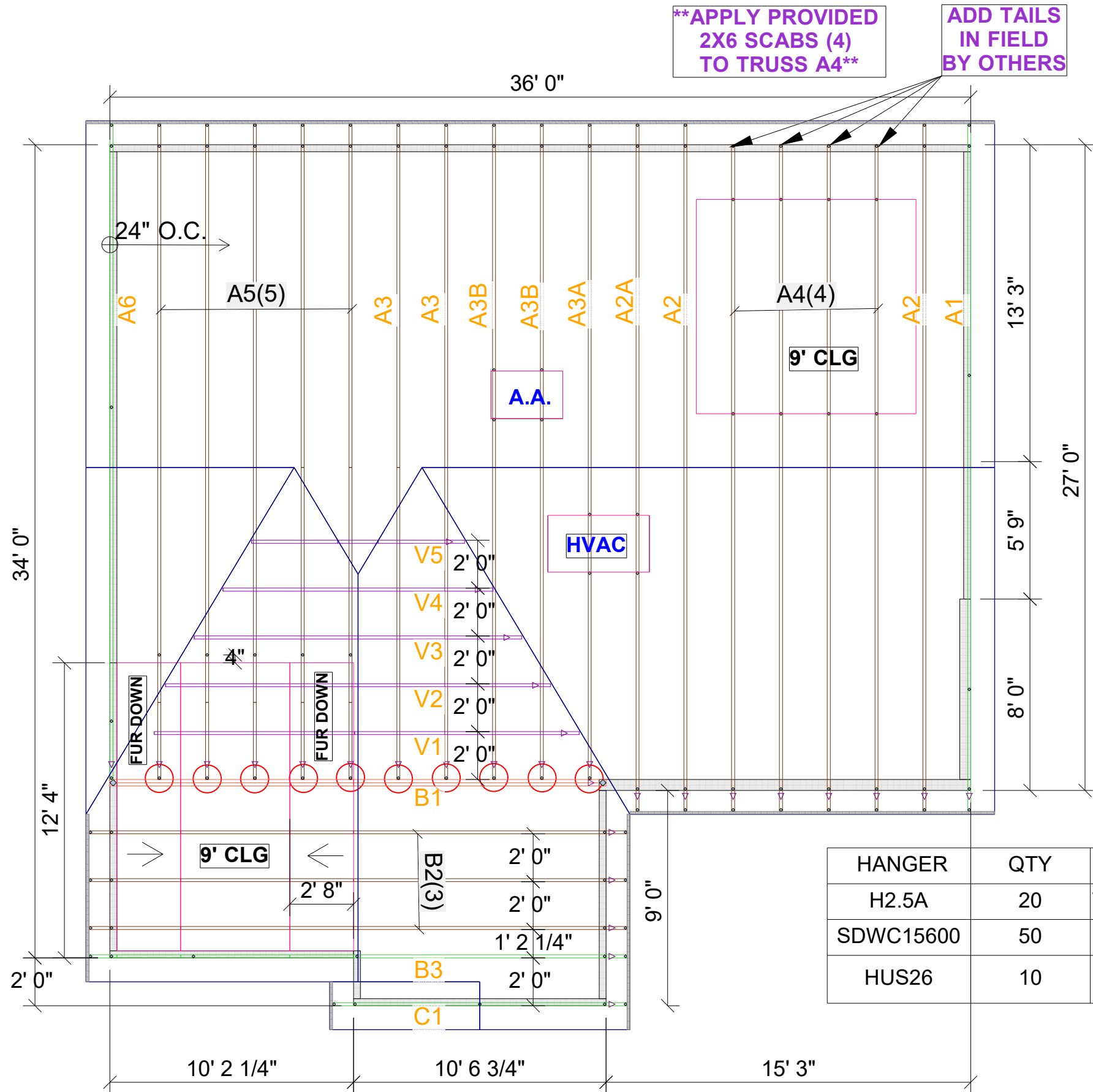
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25 PSF TCLL
10 PSF TCDL
10 PSF BCDL

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FirstSource**



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DESCRIPTION	C&H - 155 Cobey Creek
ADDRESS	3538 SE Corbin Drive
CITY	Lee's Summit, MO
DESIGNER	Scott Clevenger
DATE	12/13/2021

EVERSTEAD
SHOP DRAWINGS/SUBMITTAL REVIEW

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

STATUS: **RELEASED**

APPROVED FOR CONSTRUCTION
01/10/2017

REVIEWED BY: **Development**

DATE OF REVIEW: **LEE'S SUMMIT**

ENGINEER, EVERSTEAD

STATUS: **RELEASE FOR**
APPROVED: **CONSTRUCTION**
07/03/2022 **AS NOTED ON PLANS REVIEW**
REVIEWED BY: **TRUSS LAYOUT**
Development Services
PAGE
CEE'S SUMMIT, MISSOURI
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