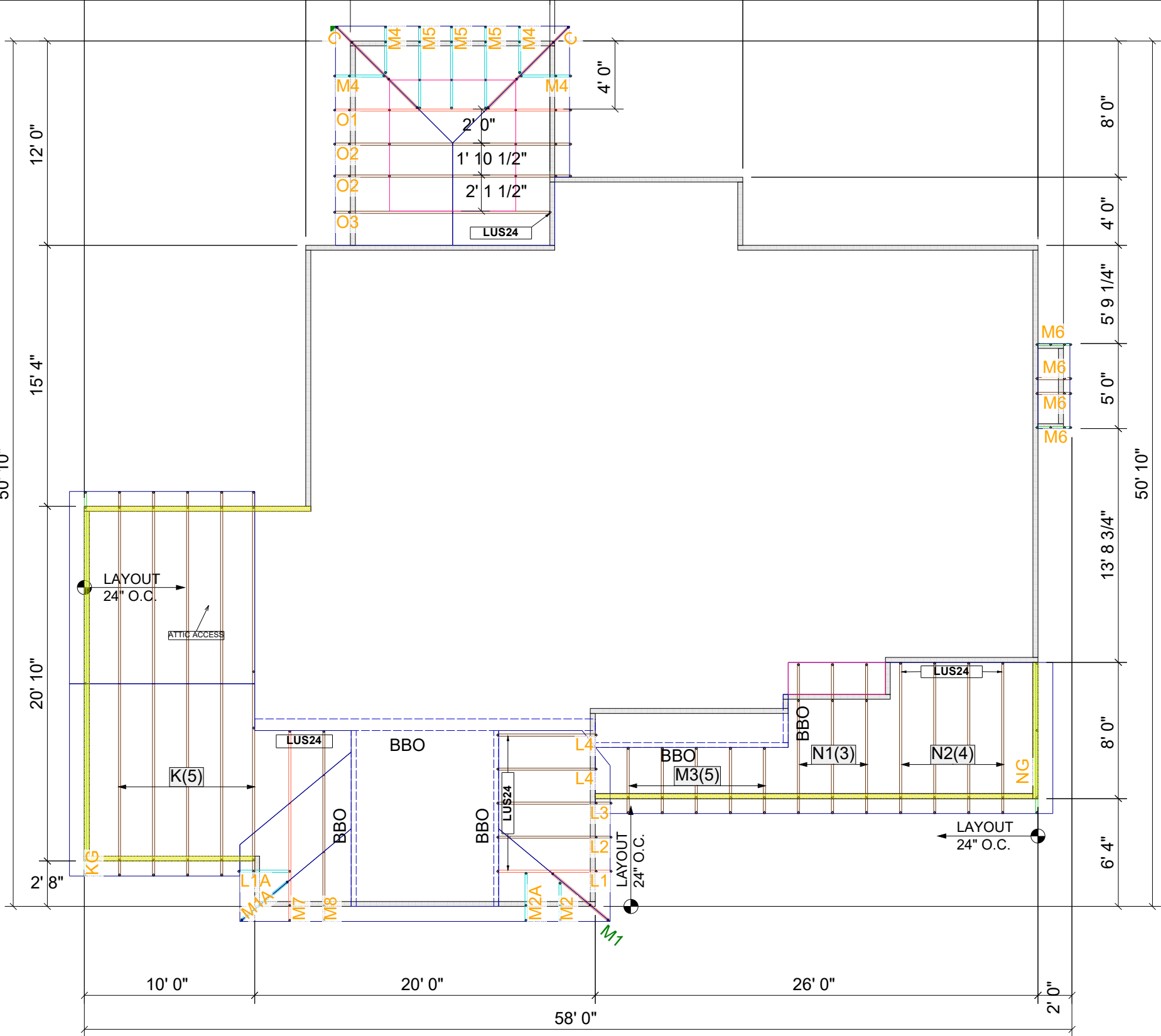


DO NOT CUT, DRILL, NOTCH, OR OTHERWISE DAMAGE TRUSSES. Contact your BFS Representative for assistance PRIOR TO modifying any truss. **Espanol - (NO CORTE, PERFORA, HAGA MUESCAS O DANE DE CUALQUIER OTRA MANERA LAS TRUSSES (CERCHAS DE MADERA). Contacte a su representante de BFS para asistencia ANTES de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

- 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.
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  - 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.
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  - 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.
- 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.)**
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  - 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  
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BCSI-B9 = Multi-Ply Girders  
BCSI-B10 = Post Frame Truss Installation  
BCSI-B11 = Fall Protection
- Follow TPI Requirements for Long Span Trusses (>60').



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

12/02/2020

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

12.01.2020

REVIEWED BY:

BH

ENGINEER, RESIDENTIAL ENGINEERING SERVICES, LLC

DESIGN LOADS:

25 PSF TCLL  
10 PSF TC DL  
10 PSF BC DL

PROPER HANDLING OF TRUSSES SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CREW AT THE JOBSITE. TEMPORARY AND PERMANENT BRACING FOR HOLDING TRUSSES PLUMB AND FOR RESISTING LATERAL FORCES SHALL BE DESIGNED AND INSTALLED BY OTHERS. NO LOADS OTHER THAN THE INSTALLERS ARE TO BE APPLIED TO TRUSSES UNTIL AFTER ALL BRACING AND FASTENING IS COMPLETED. AT NO TIME SHALL CONCENTRATED LOADS GREATER THAN DESIGN LOADS BE APPLIED TO THE TRUSSES. ALL TRUSS TO FRAMING CONNECTIONS ARE RECOMMENDATIONS ONLY AND NEED TO BE SPECIFIED BY THE BUILDING DESIGNER. TRUSSES ARE CAPABLE OF BEING MOVED (+/-) 4in. EITHER DIRECTION

WWW.BLDR.COM

Builders  
FirstSource



JOB No.	2534894	JOB No.	2534894
DESCRIPTION	Summit - 63 Manor at Stoney Creek	DESCRIPTION	Summit - 63 Manor at Stoney Creek
JOB ADDRESS		JOB ADDRESS	
CITY	Lee's Summit, MO	CITY	Lee's Summit, MO
DESIGNER	Scott Cleverger	DESIGNER	Scott Cleverger
DATE	11/11/2020	DATE	11/11/2020

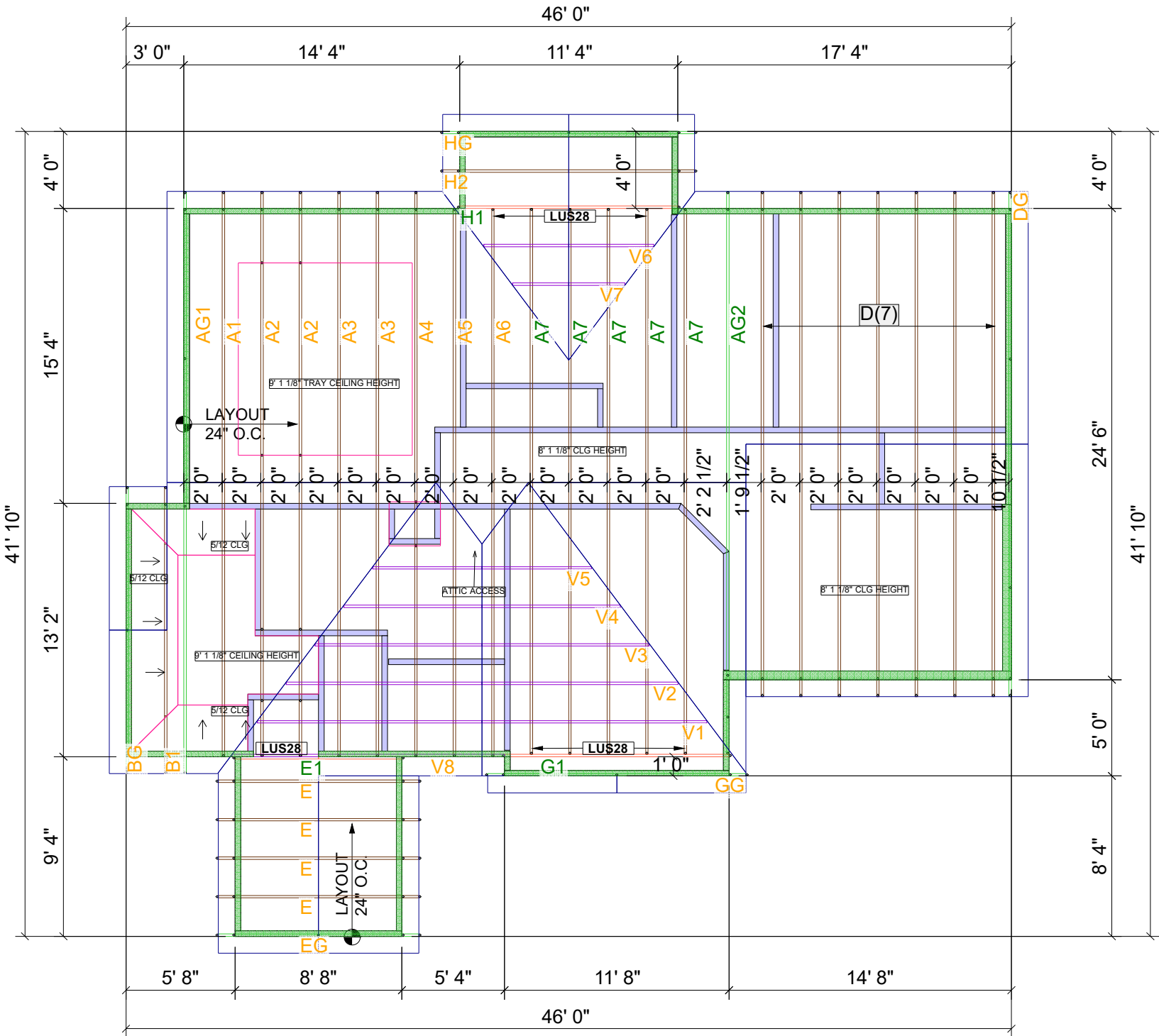
ROOF  
TRUSS LAYOUT

PAGE

1 of 1

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Hatch Legend		
<div></div>	8'1 1/8" PLATE HEIGHT AT 3RD CAR GARAGE AND PORCH	
<div></div>	8' 1 1/8" PLATE HEIGHT AT 2ND FLOOR	

HNGR	QTY	CARRIED MBR
LUS28	12	A2, A6, A7
LUS24	12	L1-L3, N2, O3, M7, M8
H2.5A	120	ALL ROOF TRUSSES TO BE CONNECTED TO THE TOP PLATE WITH H2.5A HURRICAN CLIPS AND/OR ANY GIRDER UPLIFT OR SPECIAL UPLIFT NOTED WITH APPROPRIATE CONNECTOR.

DESIGN LOADS:

25 PSF TCLL  
10 PSF TCDD  
10 PSF BCDD

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TRUSS LAYOUT

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