

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

EVERSTEAD

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

11/01/2021

REVIEWED BY:

C PD

ENGINEER, EVERSTEAD

[illegible]

RELEASE FOR CONSTRUCTION  
AS NOTED FOR PLAN REVIEW  
DEVELOPMENT SERVICES  
LEE'S SUMMIT, MISSOURI  
11/01/2021

**DESIGN LOADS:**

25 PSF	TCCL
10 PSF	TCDL
10 PSF	BCDL

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 TRUSSES. ALL TRUSS TO FRAMING CONNECTIONS ARE RECOMMENDATIONS ONLY AND NEED TO BE SPECIFIED BY THE BUILDING DESIGNER. TRUSSES ARE CAPABLE OF BEING MOVED 1/4" 4m. EITHER DIRECTION



**Builders  
FirstSource**

WWW.BLDR.COM

JOB No.	2955860
DESCRIPTION	SUMMIT HOMES - STONEY CREEK #110 - 1ST LVL
JOB ADDRESS	4405 SW GRINDSTONE CIRCLE
CITY	LEE'S SUMMIT, MO 64082
DESIGNER	TODD W MOORE
DATE	10/7/2021

# ROOF

TRUSS LAYOUT

PAGE

# 1 of 1

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.

5. The Truss Technician shall provide Truss-to-Truss Connection Requirements. Any special or other connection shall be the responsibility of the Building Designer.

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

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.

**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.**

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').**

PITCH 5/12  
SOFFIT DESIGNED FOR 12"  
HEEL HEIGHT 6-1/4"

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





PITCH 8/12  
SOFFIT DESIGNED FOR 12"  
HEEL HEIGHT 9-1/4"

PITCH 10/12  
SOFFIT DESIGNED FOR 12"  
HEEL HEIGHT 11-1/4"

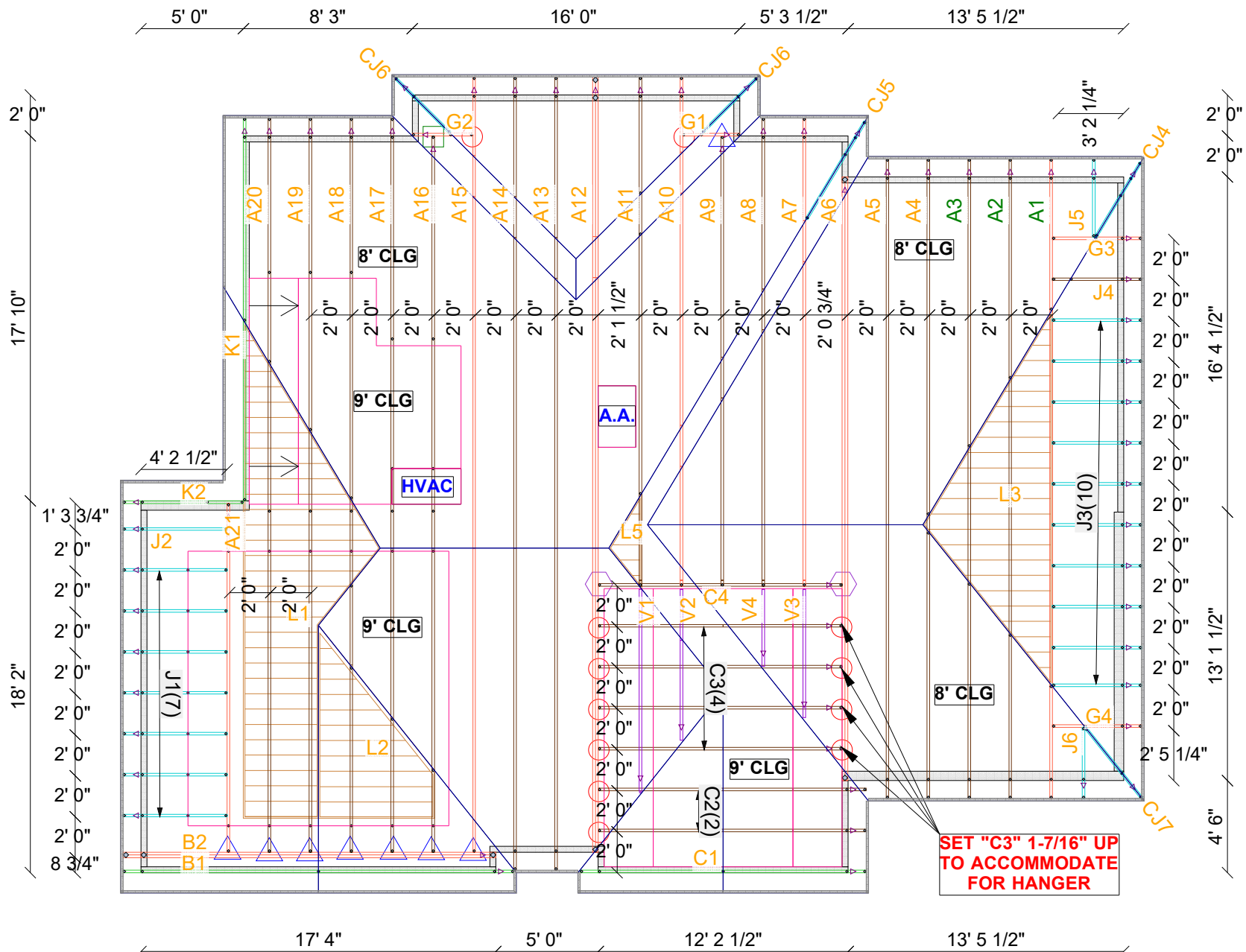
WALL HEIGHT 9' 1-1/8" TYP 1ST LVL  
WALL HEIGHT 8' 1-1/8" TYP 2ND LVL  
EXTERIOR WALL 2X4 & 2X6

VAULT PITCH 5/12

UNLESS NOTED OTHERWISE  
SEE LAYOUT FOR INFO DIFFERENT  
FROM ABOVE STANDARDS

HANGER	QTY	LOCATION
H2.5A	20	TRUSS TO BEAM/WALL TIE DOWN
SDWC15600	100	TRUSS TO WALL TIE DOWN
LUS24	13	
HUS26	9	
HGUS26	1	
HGUS28	2	

ROOF AREA: 2586.47  
HORIZONTAL OVERHANG: 245.29  
RIDGE LINES: 57.43  
VALLEY LINES: 100.84  
HIP LINES: 174.43  
RAKED OVERHANGS: 88.64



**DESIGN LOADS:**

25 PSF TCLL  
10 PSF TCDL  
10 PSF BCDL

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