

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.
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 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 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.



HANGER	QTY	LOCATION
H2.5A	50	TRUSS TO BEAM/WALL TIE DOWN
SDWC15600	50	TRUSS TO WALL TIE DOWN
LTHJA26	2	

PITCH 5/12
SOFFIT DESIGNED FOR 12"
HEEL HEIGHT 7-1/4"

PITCH 6/12
SOFFIT DESIGNED FOR 12"
HEEL HEIGHT 8-1/4"

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

VAULT PITCH 3/12

SEE LAYOUT FOR INFO DIFFERENT
FROM ABOVE STANDARDS

RELEASE FOR CONSTRUCTION
AS NOTED ON PLANS REVIEW
DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI
10/18/2021 4:12:17

9' 1-1/8" TYP WALL HT
8' 1-1/8" WALL HT
10' 1-1/8" WALL HT

ROOF AREA: 2861.43
HORIZONTAL OVERHANG: 145.75
RIDGE LINES: 94
VALLEY LINES: 89.53
HIP LINES: 20.64
BRAKED OVERHANGS: 191.12

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

09/28/2021

REVIEWED BY:

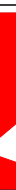
BH

ENGINEER, EVERSTEAD

DESIGN LOADS:

25 PSF TCCL
10 PSF CDCL
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 (+/-) 4in. EITHER DIRECTION



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JOB NO.	2930489
DESCRIPTION	SUMMIT HOMES - HAWTHORN RIDGE #73
JOB ADDRESS	1522 SW ARBOR FALLS DR
CITY	LEE'S SUMMIT, MO
DESIGNER	TODD W MOORE
DATE	9/15/2021

ROOF

TRUSS LAYOUT

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