



Adress: \_\_\_\_\_

315 Serena Pl  
Lee's Summit, MO

Lead Designer: **Justin Fitzgerald**

## ROOF LOADING

TOP CHORD LIVE LOAD	(TCLL)	25 P.S.F
TOP CHORD DEAD LOAD	(TCDL)	10 P.S.F
BOTTOM CHORD LIVE LOAD	(BCLL)	0 P.S.F
BOTTOM CHORD DEAD LOAD	(BCDL)	10 P.S.F
TOTAL LOAD		45 P.S.F
DURATION FACTOR		1.15
BUILDING CODE		IRC2018

Scale: 1/4"=1'      Date: 8/29/2024

**LIFT RESISTANCE:**  
Trusses with an uplift in excess of 200 lbs shall be held down using a Simpson SDWC15600 connector, unless noted otherwise on a truss cement diagram. Trusses with an uplift less than 200 lbs to be held down with toenail connection per 2018 IRC Table R602.3(1).



**WARNING:** Trusses must be handled with care to prevent damage and injury.

is a truss placement drawing only. These are designed as individual building components to be incorporated into the building design at the specification of the building designer. See individual design sheets for each design identified on the placement drawing.

Professional advice should be sought regarding lifting, installation, temporary and permanent bracing before erecting trusses. Temporary and permanent bracing is required during installation of trusses to prevent possible collapse.

For general guidance regarding bracing, consult the WTCA & TPI website, available jointly from WTCA & TPI.

MIDWEST LUMBER must be notified of any jobs requiring a back charge prior to any work being done. MIDWEST LUMBER reserves the right to use its service staff in lieu of being back charged.

RUSS TO TRUSS CONNECTIONS NOT CALLED OUT  
A NAILED CONNECTION

- LEFT END OF TRUSS (SEE TRUSS PROFILES)

ALL ROOF TRUSS DIMENSIONS ARE FROM OUTSIDE OF FRAMING (u.n.o.)

SET ROOF TRUSSES FLUSH WITH FRAMING (u.n.o.)

- SDWC15600 REQUIRED AT ALL BEARING LOCATIONS (u.n.o.)

## TRUSS LAYOUT/SUBMITTAL REVIEW

- |   |  |
|---|--|
| REVIEWED & FOUND TO BE IN<br>CONFORMANCE WITH REFERENCED PLAN |  |
| FURNISH AS CORRECTED  |  |
| REVIEWED WITH CHANGES TO<br>REFERENCED DRAWINGS               |  |
| REVISE AS NOTED & RESUBMIT                                    |  |

THIS REVIEW IS TO VERIFY GENERAL CONFORMANCE WITH THE DESIGN AND INFORMATION CONTAINED IN THE REFERENCED PLAN AND/OR CONSTRUCTION DOCUMENTS. REVIEW DOES NOT RELIEVE THE CONTRACTOR FROM COMPLIANCE WITH THE PLANS AND SPECIFICATIONS. CONTRACTOR IS RESPONSIBLE FOR ALL SENSORS, MEASUREMENT, METHOD, TECHNIQUES, SEQUENCES, PROCEDURES, SAFETY AND COORDINATION OF HIS WORK TO BE PERFORMED.

**HD ENGINEERING & DESIGN**  
56 W. 75TH ST., P: 913-631-2222  
WYNEE, KS 66214 [WWW.HDENGINEERS.COM](http://WWW.HDENGINEERS.COM)

NAME: \_\_\_\_\_

2018

12/02/2024

DATE: \_\_\_\_\_

RELEASE FOR CONSTRUCTION  
AS NOTED ON PLANS REVIEW  
DEVELOPMENT SERVICES  
LEE'S SUMMIT, MISSOURI  
12/03/2024 11:40:54

## ROOF AREA INFORMATION

**ROOF AREA 3656.95 SF**  
**HIP LINES 210.17 LF**  
**VALLEY LINES 134.24 LF**  
**RIDGE LINES 65.18 LF**  
**EAVE OVERHANG 60.35 LF**  
**HORIZONTAL OVERHANG 231.44 LF**