



ROOF & FLOOR TRUSSES & BEAMS

Reilly Road Industrial Park
Fayetteville, N.C. 28309
Phone: (910) 864-8787
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Bearing reactions less than or equal to 3000# are deemed to comply with the prescriptive Code requirements. The contractor shall refer to the attached Tables (derived from the prescriptive Code requirements) to determine the minimum foundation size and number of wood studs required to support reactions greater than 3000# but not greater than 15000#. A registered design professional shall be retained to design the support system for any reaction that exceeds those specified in the attached Tables. A registered design professional shall be retained to design the support system for all reactions that exceed 15000#.

Signature David Landry
David Landry

LOAD CHART FOR JACK STUDS					
(BASED ON TABLES R502.5(1) & (b))					
NUMBER OF JACK STUDS REQUIRED @ EA END OF HEADER/GIRDER					
END REACTION (UP TO)	REQ. D. STUDS FOR (1) 1/2" HEADER	END REACTION (UP TO)	REQ. D. STUDS FOR (1) 1/2" HEADER	END REACTION (UP TO)	REQ. D. STUDS FOR (1) 1/2" HEADER
1700	1	2550	1	3400	1
3400	2	5100	2	6800	2
5100	3	7650	3	10200	3
6800	4	10200	4	13600	4
8500	5	12750	5	17000	5
10200	6	15300	6		
11900	7				
13600	8				
15300	9				

All Truss Reactions are Less than 3,000 lbs. Unless Noted Otherwise.
-- Denotes Reaction Greater than 3,000 lbs. Reaction / # of Studs

All Walls Shown Are Considered Load Bearing

Roof Area = 5012.54 sq. ft.
Ridge Line = 143.81 ft.
Hip Line = 2.38 ft.
Horiz. OH = 148.33 ft.
Raked OH = 223.21 ft.
Decking = 172 sheets

- Dimension Notes
- All exterior wall to wall dimensions are to face of sheathing unless noted otherwise
 - All interior wall dimensions are to face of frame wall unless noted otherwise
 - All exterior wall to truss dimensions are to face of frame wall unless noted otherwise

Hatch Legend

- 4' 0-1/4" Wall
- 5' 3-3/4" Wall
- Second Floor Walls
- Vaulted Ceiling
- Drop Beam
- Flush Beam

Connector Information					Nail Information	
Sym	Product	Manuf	Qty	Supported Member	Header	Truss
■	HUS26	USP	12	NA	16d/3-1/2"	16d/3-1/2"
■	THD26-2	USP	3	NA	16d/3-1/2"	10d/3"

Products				
PlottID	Length	Product	Plies	Net Qty
BM1	40' 0"	1-3/4"x 9-1/4" LVL Kerto-S	3	3
BM2	6' 0"	1-3/4"x 9-1/4" LVL Kerto-S	2	2
BM3	18' 0"	1-3/4"x 16" LVL Kerto-S	2	2
GDH	22' 0"	1-3/4"x 18" LVL Kerto-S	3	3

1 Truss Placement Plan
Scale: 3/16"=1'

▲ = Indicates Left End of Truss
(Reference Engineered Truss Drawing)
Do NOT Erect Truss Backwards

BUILDER	Pattim	CITY / CO.	Harnett Co. / Harnett
JOB NAME	Caldwell Residence	ADDRESS	
PLAN	SHP-	MODEL	Roof
SEAL DATE	N/A	DATE REV.	01/11/23
QUOTE #		DRAWN BY	Jonathan Landry
JOB #	J1222-6012	SALES REP.	Neil Baggett

THIS IS A TRUSS PLACEMENT DIAGRAM ONLY. These trusses 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 truss design identified on the placement drawing. The building designer is responsible for temporary and permanent bracing of the roof and floor system and for the overall structure. The design of the truss support structure including headers, beams, walls, and columns is the responsibility of the building designer. For general guidance regarding bracing, consult BCSI-B1 and BCSI-B3 provided with the truss delivery package or online @ sbcindustry.com

