



# ROOF & FLOOR TRUSSES & BEAMS

Reilly Road Industrial Park  
Fayetteville, N.C. 28309  
Phone: (910) 864-8787  
Fax: (910) 864-4444

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  
**Neil Baggett**

## 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) FLY HEADER	END REACTION (UP TO)	REQ'D STUDS FOR (3) FLY HEADER	END REACTION (UP TO)	REQ'D STUDS FOR (4) FLY 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				

BUILDER	COUNTY	ADDRESS	MODEL	DATE REV.	DRAWN BY	SALESMAN
Precision Custom Homes	Harnett	107 Mahogany Ct., Cameron, NC	Floor	4/29/2025	Neil Baggett	Neil Baggett
JOB NAME	Lot 23 Magnolia Hills					
PLAN	Hazlett w/CP (15'6"X10')					
SEAL DATE	4/29/2025					
QUOTE #	N/A					
JOB #	J0225-1021					

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

- Plumbing Drop Notes
1. Plumbing drop locations shown are NOT exact.
  2. Contractor to verify ALL plumbing drop locations prior to setting Floor Trusses.
  3. Adjust spacing as needed not to exceed 24"oc.

- Dimension Notes
1. All exterior wall to wall dimensions are to face of stud unless noted otherwise
  2. All interior wall dimensions are to face of stud unless noted otherwise
  3. All exterior wall to truss dimensions are to face of stud unless noted otherwise

= 2968.41 sq.ft. Roof Area  
= 52.65 ft. Ridge Line  
= 0 ft. Hip Line  
= 255.67 ft. Horiz. OH  
= 161.95 ft. Raked OH  
= 102 sheets Decking

All Walls Shown Are Considered Load Bearing

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

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

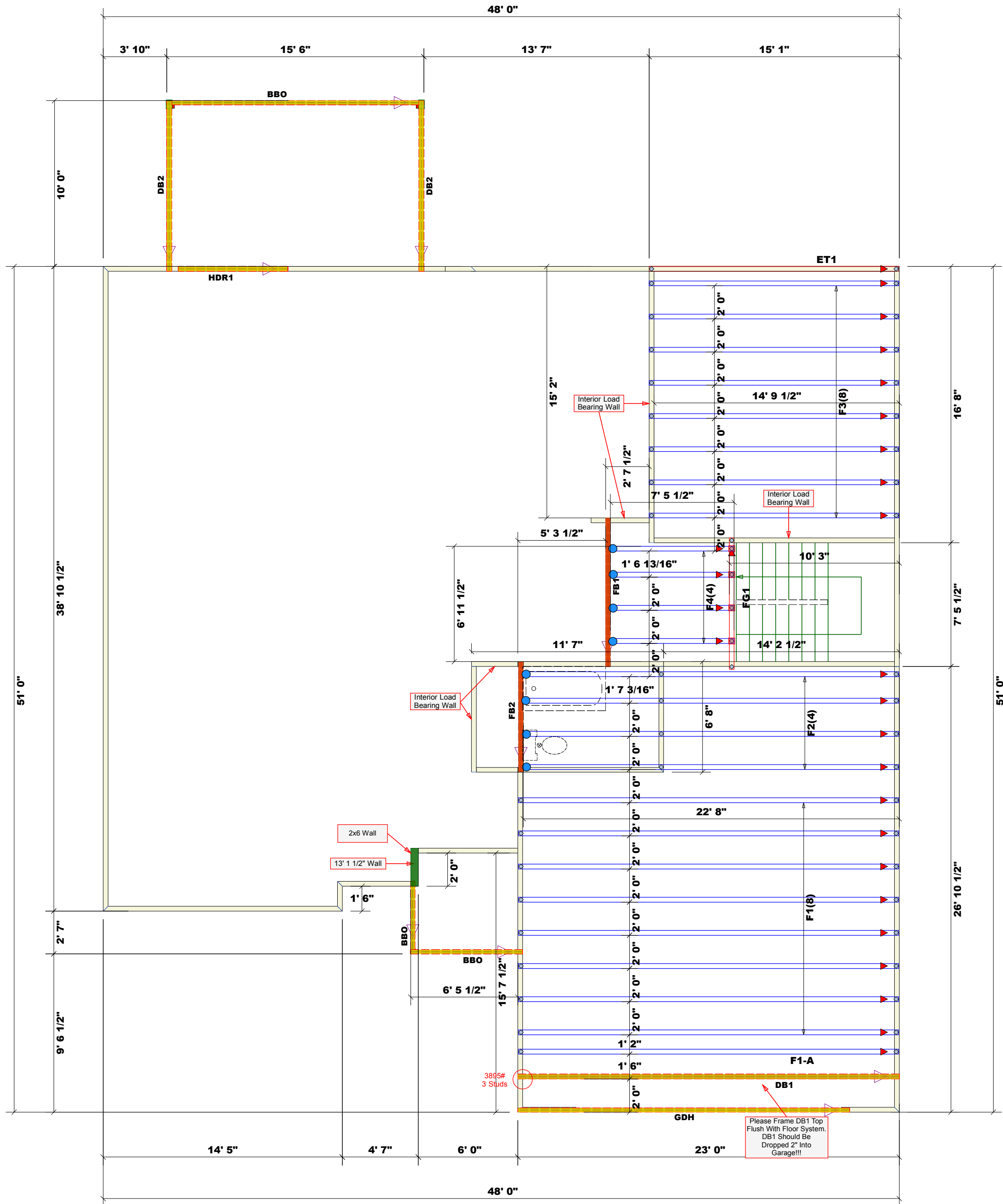
Hatch Legend	
Padded HVAC	
2nd Floor Walls @ 8' 1 1/2" UNO	
Wall @ 13' 1 1/2"	
Flush Beam	
Drop Beam	

Products					
Net Qty	Plies	Product	Length	Product	PlotID
4	2	1.75 X 9.25 Kerto-S LVL 2.0E	11' 0"	DB2	
2	2	1-3/4"x 9-1/4" LVL Kerto-S	7' 0"	HDR1	
2	2	1-3/4"x 16" LVL Kerto-S	9' 0"	FB1	
2	2	1-3/4"x 16" LVL Kerto-S	7' 0"	FB2	
2	2	1-3/4"x 18" LVL Kerto-S	23' 0"	DB1	
2	2	2x12 SP No.2	20' 0"	GDH	

All Truss Reactions are Less than 3,000 lbs. Unless Noted Otherwise.

-- Denotes Reaction Greater than 3,000 lbs. Reaction / # of Studs

Nail Information		Connector Information				
Truss	Header	Supported Member	Qty	Manuf	Product	Sym
16d/3-1/2"	16d/3-1/2"	Varies	8	USP	HUS410	
16d/3-1/2"	16d/3-1/2"	Varies	7	USP	HUS26	





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JOB #	J0225-1020					

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