



# 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 **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) PLATE HEADER	END REACTION (UP TO)	REQ. D. STUDS FOR (1) PLATE HEADER	END REACTION (UP TO)	REQ. D. STUDS FOR (1) PLATE 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 Walls Shown Are Considered Load Bearing

Roof Area = 1688.72 sq.ft.  
Ridge Line = 33.46 ft.  
Hip Line = 0 ft.  
Horiz. OH = 134.58 ft.  
Raked OH = 140.84 ft.  
Decking = 58 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

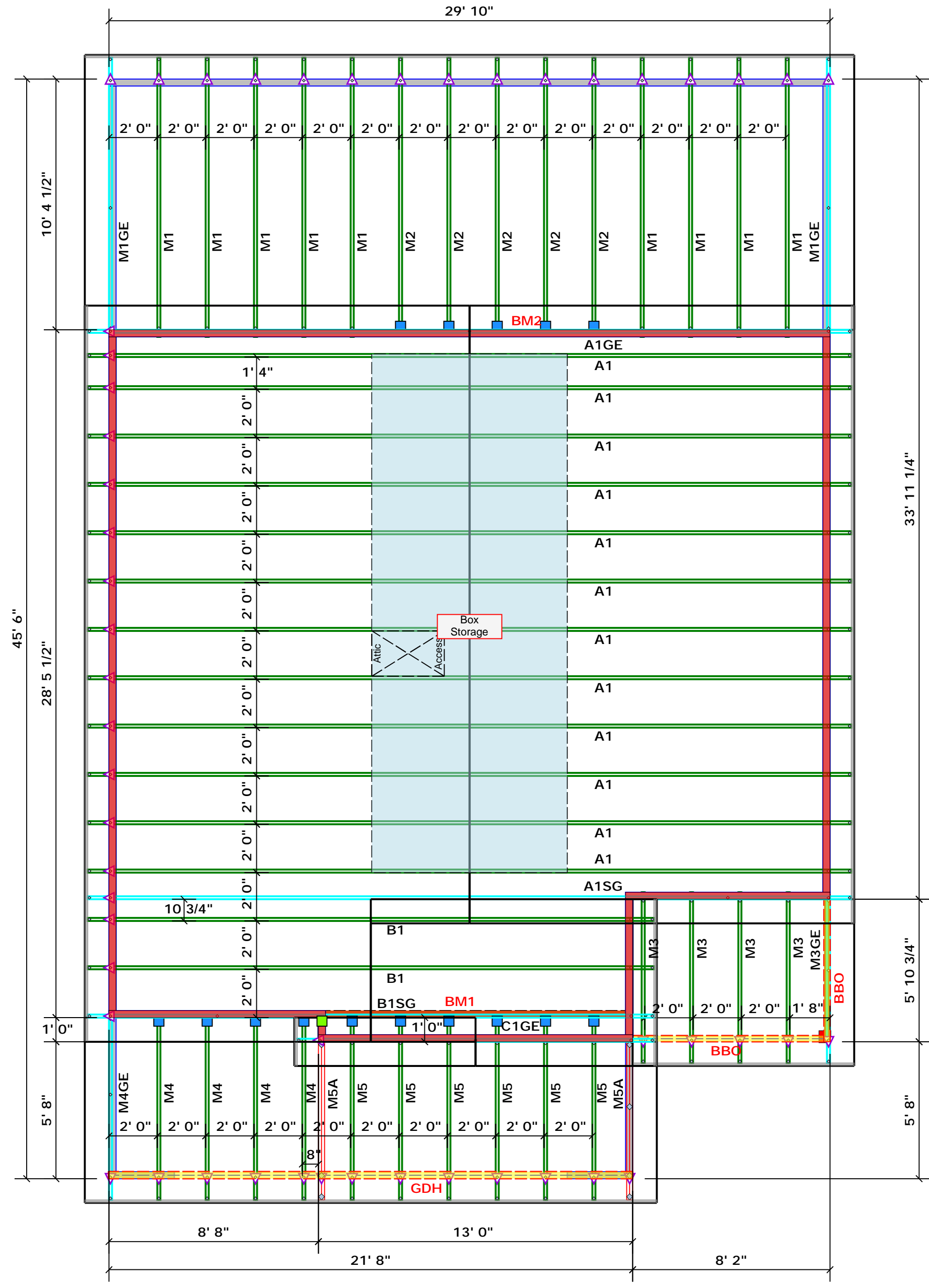
**Hatch Legend**

- Box Storage
- Second Floor Walls
- Drop Beam
- Flush Beam

Sym	Connector Information				Nail Information	
	Product	Manuf	Qty	Supported Member	Header	Truss
■	HUS26	USP	15	NA	16d/3-1/2"	16d/3-1/2"
■	THD26-2	USP	1	NA	16d/3-1/2"	10d/3"

Products					
PlotID	Length	Product	Plies	Net Qty	
BM1	22' 0"	1-3/4"x 18" LVL Kerto-S	2	2	
BM2	11' 0"	1-3/4"x 14" LVL Kerto-S	2	2	
GDH	22' 0"	1-3/4"x 11-7/8" LVL Kerto-S	2	2	

**1 Truss Placement Plan**  
Scale: 1/4"=1'



BUILDER	JOB NAME	PLAN	SEAL DATE	QUOTE #	JOB #
Wellco Contractors	491 Old Salem Dr.	BBH 1642	N/A		J0422-1893

CITY / CO.	ADDRESS	MODEL	DATE REV.	DRAWN BY	SALES REP.
Spring Lake / Cumberland	491 Old Salem Drive	Roof	04/19/22	Jonathan Landry	Lenny Norris

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

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