



# 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)PLY HEADER	END REACTION (UP TO)	REQ'D STUDS FOR (1)PLY HEADER	END REACTION (UP TO)	REQ'D STUDS FOR (1)PLY 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				

**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

**Hatch Legend**

	Vaulted Ceiling
	Padded HVAC
	Drop Beam

Roof Area = 3718.21 sq.ft.  
 Ridge Line = 93.32 ft.  
 Hip Line = 0 ft.  
 Horiz. OH = 234.09 ft.  
 Raked OH = 275.34 ft.  
 Decking = 128 sheets

All Walls Shown Are Considered Load Bearing

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

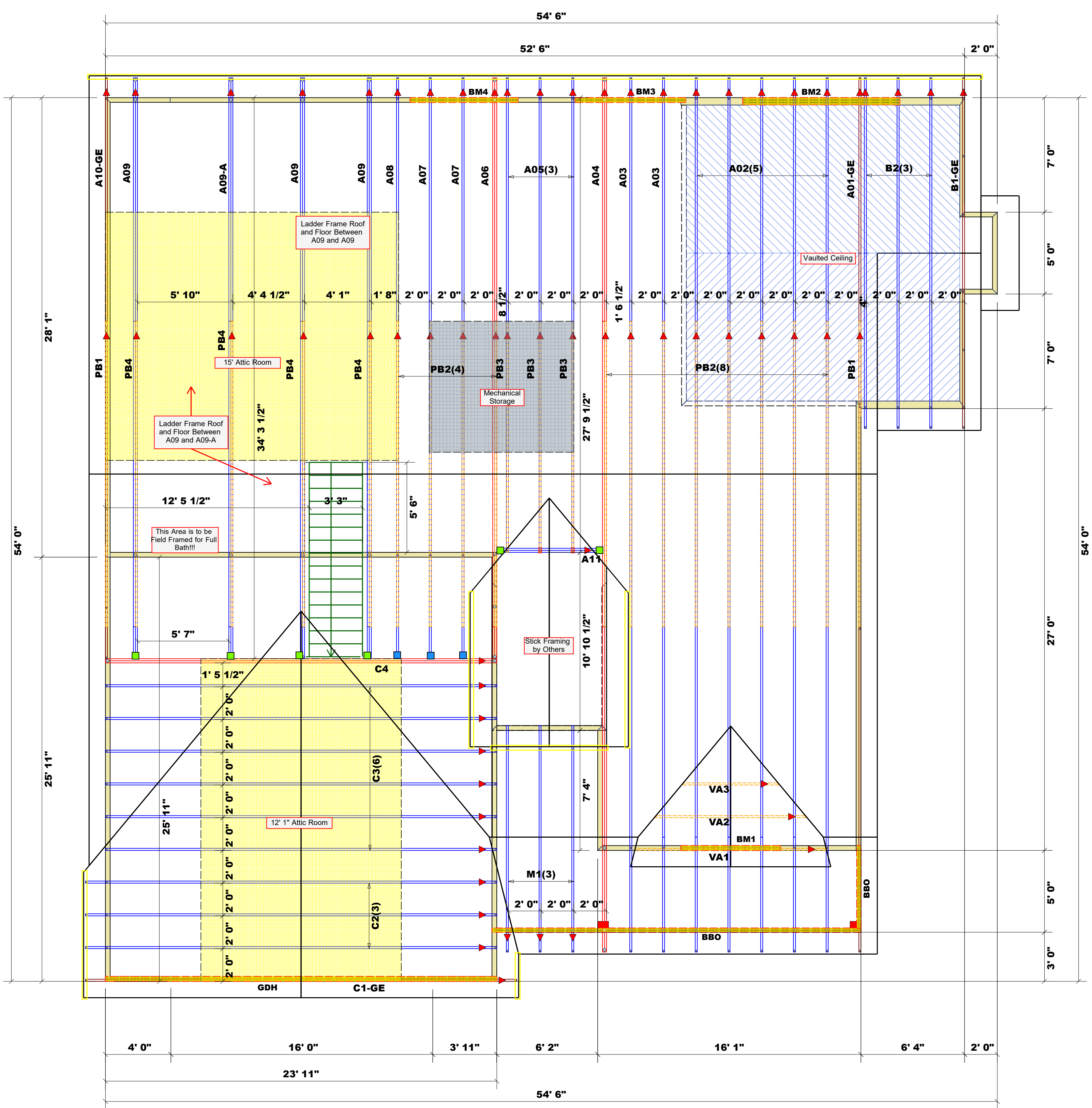
1 Truss Placement Plan  
 Scale: 1/4"=1'

**Products**

PlotID	Length	Product	Plies	Net Qty
BM2	10' 0"	1-3/4"x 9-1/4" LVL Kerto-S	3	3
BM1	7' 0"	1-3/4"x 9-1/4" LVL Kerto-S	2	2
BM3	7' 0"	1-3/4"x 9-1/4" LVL Kerto-S	2	2
BM4	7' 0"	1-3/4"x 9-1/4" LVL Kerto-S	2	2
GDH	24' 0"	1-3/4"x 11-7/8" LVL Kerto-S	2	2

**Connector Information**

Sym	Product	Manuf	Qty	Supported Member	Header	Truss
	HUS26	USP	3	Varies	16d/3-1/2"	16d/3-1/2"
	THD26-2	USP	6	Varies	16d/3-1/2"	10d/3"



BUILDER	JOB NAME	PLAN	SEAL DATE	QUOTE #	JOB #
Precision Custom Homes & Renovations	Lot 40 Summerlin	Mises 1.0	11/14/2020	Quote #	J0920-4494

COUNTY	ADDRESS	MODEL	DATE REV.	DRAWN BY	SALESMAN
Harnett	Lot 40 Summerlin	Roof	11/16/2020	Neil Baggett	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 @ sbciindustry.com