



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 Jonathan Landry
Jonathan 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 Headers Are Considered 2X10 Beams Unless Otherwise Noted

All Walls Shown Are Considered Load Bearing

Roof Area = 2881.18 sq.ft.
Ridge Line = 0 ft.
Hip Line = 1.26 ft.
Horiz. OH = 282.75 ft.
Raked OH = 133.46 ft.
Decking = 99 sheets

Dimension Notes
1. All exterior wall to wall dimensions are to face of sheathing 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

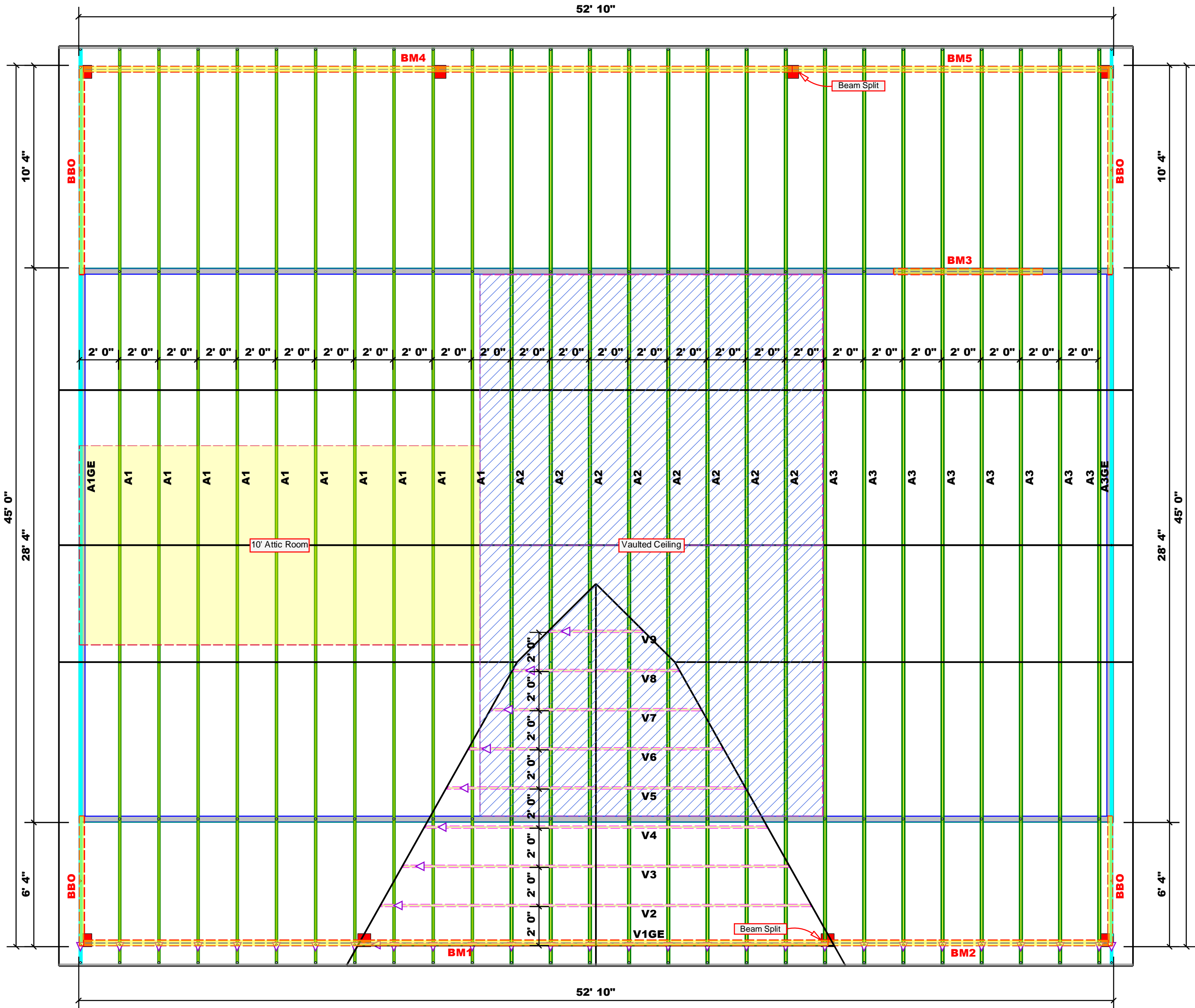
Hatch Legend

- Vaulted Ceiling
- Drop Beam

Products

PlotID	Length	Product	Plies	Net Qty
BM1	38' 0"	1-3/4"x 9-1/4" LVL Kerto-S	2	2
BM2	15' 0"	1-3/4"x 9-1/4" LVL Kerto-S	2	2
BM3	8' 0"	1-3/4"x 9-1/4" LVL Kerto-S	2	2
BM4	37' 0"	1-3/4"x 9-1/4" LVL Kerto-S	2	2
BM5	17' 0"	1-3/4"x 9-1/4" LVL Kerto-S	2	2

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



▲ = Denotes Left End of Truss
(Reference Engineered Truss Drawing)

BUILDER	JOB NAME	PLAN	SEAL DATE	QUOTE #	JOB #	CITY / CO.	Lillington / Harnett	ADDRESS	7491 Old U.S. Highway 421	MODEL	Roof	DATE REV.	02/05/24	DRAWN BY	Jonathan Landry	SALES REP.	Lenny Norris
Ashley Cummings	7481 Old U.S. Hwy 421	Boisvert	N/A		J1223-6914												

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