



ROOF & FLOOR TRUSSES & BEAMS

Reilly Road Industrial Park
Fayetteville, N.C. 28309
Phone: (910) 864-8787
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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 ECSI-B1 and ECSI-B3 provided with the truss delivery package or online @ sbindustry.com

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) & (2))
NUMBER OF JACK STUDS REQUIRED @ EA END OF HEADER/GIRDER

END REACTION (UP TO) (1) 7' LVL HEADER	END REACTION (UP TO) (2) 11' LVL HEADER	END REACTION (UP TO) (3) 13' LVL 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		

Hatch Legend

- 2nd Floor Walls @ 8' 1 1/2"
- Flush Beam
- Drop Beam

Roof Area = 3032.83 sq.ft.
Ridge Line = 73.17 ft.
Hip Line = 0 ft.
Horiz. OH = 167.42 ft.
Raked OH = 221.93 ft.
Decking = 104 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

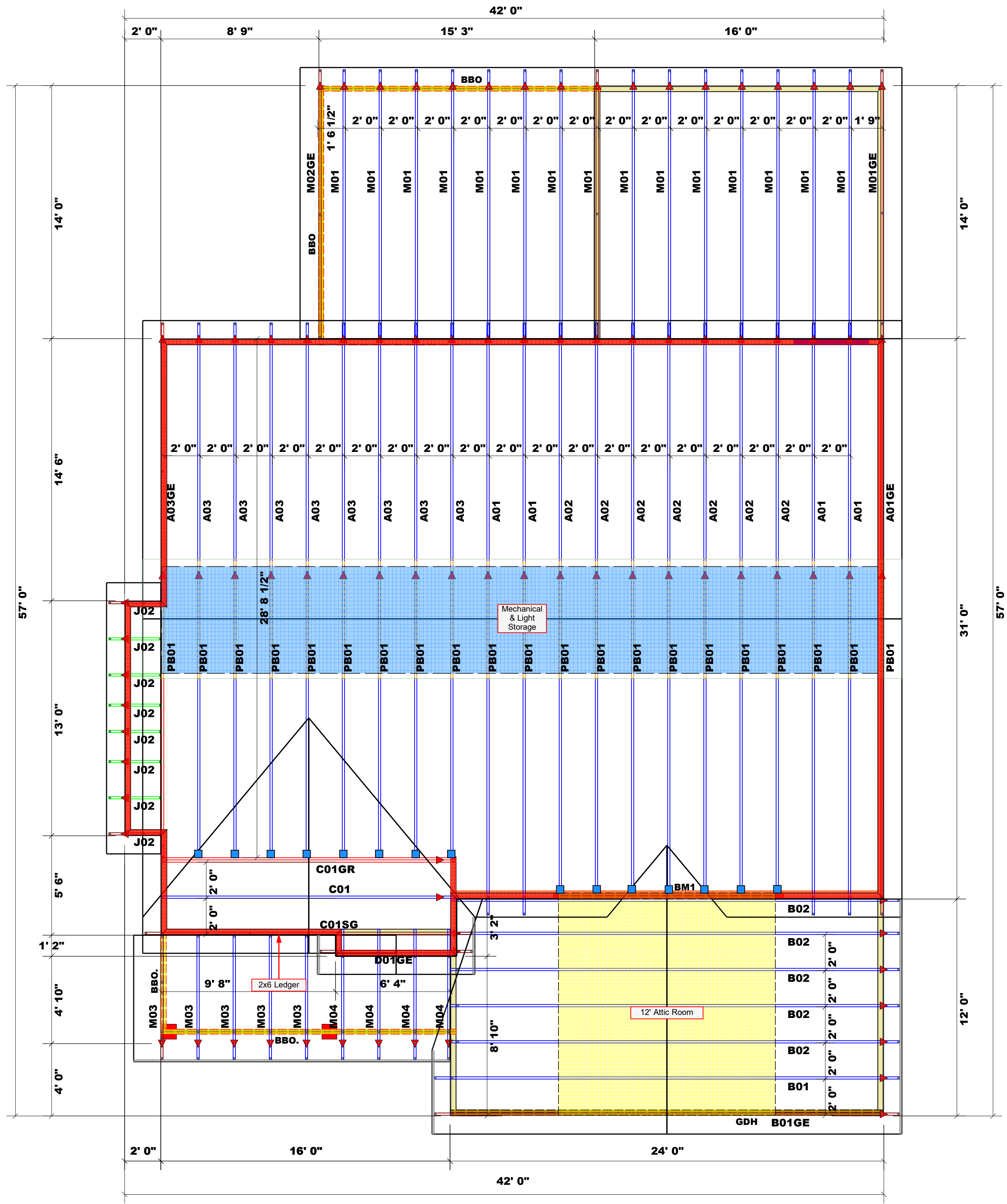
PlotID	Length	Product	Plies	Net Qty
BM3	10' 0"	1-3/4"x 9-1/4" LVL Kerto-S	2	2
BM6	7' 0"	1-3/4"x 9-1/4" LVL Kerto-S	2	2
GDH	24' 0"	1-3/4"x 11-7/8" LVL Kerto-S	2	2
BM4 (Rip to 13")	7' 0"	1-3/4"x 14" LVL Kerto-S	2	2
BM2	20' 0"	1-3/4"x 16" LVL Kerto-S	2	2
BM5 (TOP FLUSH W/ FL.)	24' 0"	1-3/4"x 23-7/8" LVL Kerto-S	3	3

Connector Information

Sym	Product	Manuf	Qty	Supported Member	Header	Truss
●	HUS410	USP	1	Varies	16d/3-1/2"	16d/3-1/2"
■	HUS26	USP	15	Varies	16d/3-1/2"	16d/3-1/2"

Products

PlotID	Length	Product	Plies	Net Qty
BM1	13' 0"	1-3/4"x 11-7/8" LVL Kerto-S	2	2



BUILDER	JOB NAME	PLAN	SEAL DATE	QUOTE #	JOB #	COUNTY	ADDRESS	MODEL	DATE REV.	DRAWN BY	SALESMAN
Ben Stout Real Estate	Lot 29 Forest Ridge	Beaumont	5/4/2020	N/A	J0321-1600	Harnett	Lot 29 Forest Ridge	Floor	3/12/2021	Neil Baggett	Marshall Naylor