



# 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#.

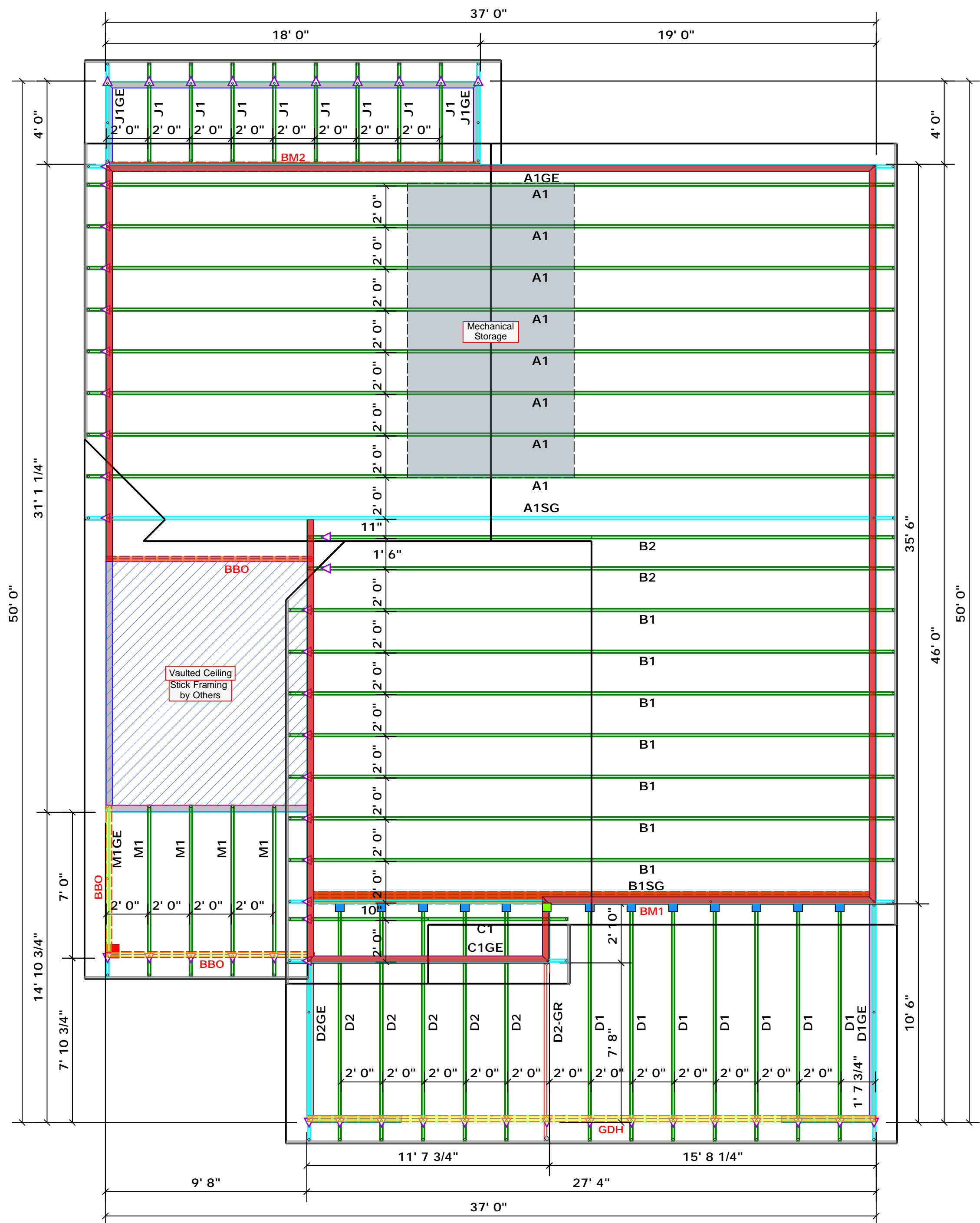
Signature \_\_\_\_\_  
**David Landry**

### LOAD CHART FOR JACK STUDS

(BASED ON TABLES ROEHLIC & D'S)

NUMBER OF JACK STUDS REQUIRED @ EA END OF HEADERS/STRIPS

END REACTION (UP TO)	REQ'D STUDS FOR EACH END OF HEADERS/STRIPS	END REACTION (UP TO)	REQ'D STUDS FOR EACH END OF HEADERS/STRIPS
1700	1	2550	1
3400	2	5100	2
5100	3	7650	3
6800	4	10200	4
8500	5	12750	5
10200	6	15300	6
11900	7		
13600	8		
15300	9		



**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

**All Walls Shown Are Considered Load Bearing**

Roof Area = 2292.76 sq.ft.  
Ridge Line = 61.53 ft.  
Hip Line = 0 ft.  
Horiz. OH = 168.47 ft.  
Raked OH = 216.04 ft.  
Decking = 79 sheets

**Hatch Legend**

- Padded HVAC
- Second Floor Walls
- Vaulted Ceiling

Connector Information				Nail Information	
Sym	Product	Manuf	Qty	Supported Member	Header / Truss
[Blue]	HUS26	USP	12	Varies	16d/3-1/2" / 16d/3-1/2"
[Green]	THD26-2	USP	1	Varies	16d/3-1/2" / 10d/3"

**Products**

PlotID	Length	Product	Plies	Net Qty
BM1	28' 0"	1-3/4"x 23-7/8" LVL Kerto-S	4	4
BM2	18' 0"	1-3/4"x 16" LVL Kerto-S	3	3
BM3	5' 0"	1-3/4"x 14" LVL Kerto-S	2	2
BM4	12' 0"	1-3/4"x 11-7/8" LVL Kerto-S	2	2
BM5	10' 0"	2x10 SPF No.2	2	2
GDH	28' 0"	1-3/4"x 16" LVL Kerto-S	2	2

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

BUILDER	JOB NAME	PLAN	SEAL DATE	QUOTE #	JOB #
Ben Stout Real Estate	Lot 9 Sierra Villas	Wilmington	N/A	Quote #	J0920-4182
COUNTY	ADDRESS	MODEL	DATE REV.	DRAWN BY	SALESMAN
Cumberland	112 North Dakota Ct.	Roof	09/18/20	David Landry	Marshall Naylor

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