



**ROOF & FLOOR TRUSSES & BEAMS**

Reilly Road Industrial Park  
 Fayetteville, N.C. 28309  
 Phone: (910) 864-8787  
 Fax: (910) 864-4444

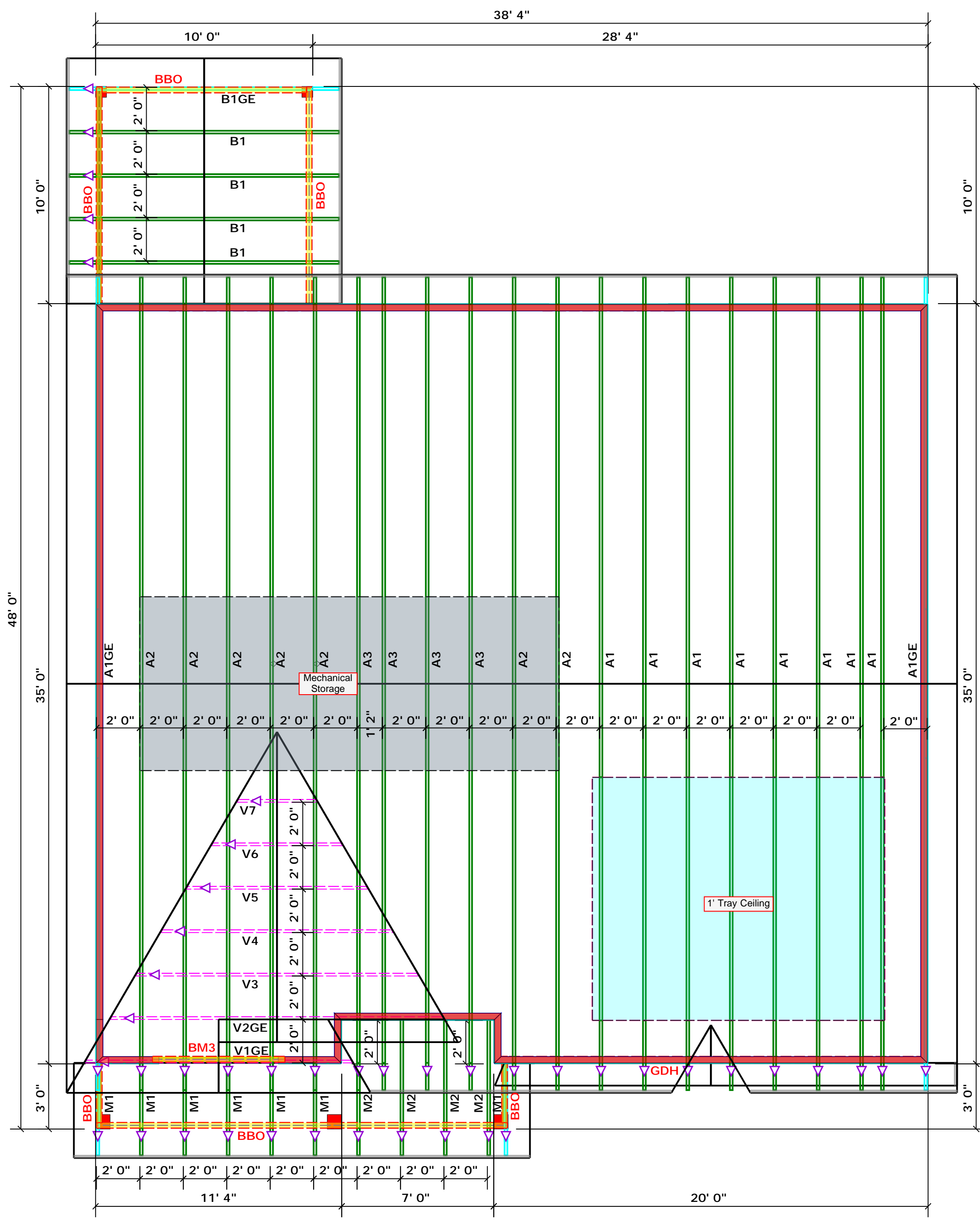
Bearing reactions less than or equal to 3000# are deemed to comply with the prescriptive Code requirements. The contractor shall refer to the attached Tables ( derived from the prescriptive Code requirements ) to determine the minimum foundation size and number of wood studs required to support reactions 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. STUDS FOR (1) 1" X 4" HEADER	END REACTION (UP TO)	REQ. STUDS FOR (1) 1" X 4" HEADER	END REACTION (UP TO)	REQ. STUDS FOR (1) 1" X 4" 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				



Products					
PlotID	Length	Product	Plies	Net Qty	Fab Type
BM1	4' 0"	1-3/4"x 16" LVL Kerto-S	2	2	FF
BM2	7' 0"	1-3/4"x 9-1/4" LVL Kerto-S	2	4	FF
GDH	20' 0"	1-3/4"x 18" LVL Kerto-S	2	2	FF

Products					
PlotID	Length	Product	Plies	Net Qty	Fab Type
BM3	8' 0"	2x12 SP No.2	2	2	FF

**1 Truss Placement Plan**  
 Scale: 1/4"=1'  
**All Walls Shown Are Considered Load Bearing**

Roof Area = 2132.88 sq.ft.  
 Ridge Line = 71.68 ft.  
 Hip Line = 0 ft.  
 Horiz. OH = 141.34 ft.  
 Raked OH = 188.84 ft.  
 Decking = 73 sheets

**Hatch Legend**

[Grey Hatch]	Padded HVAC
[Light Blue Hatch]	Tray Ceiling
[Red Hatch]	2nd Floor Walls
[Yellow Hatch]	Drop Beam

**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

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

BUILDER	JOB NAME	PLAN	SEAL DATE	QUOTE #	JOB #
Benjamin Stout Real Estate	Lot 53 Liberty Meadows	Cypress / 2GRF, CP	N/A		J1122-5792

CITY / CO.	Harnett Co. / Harnett
ADDRESS	61 Solomon Drive
MODEL	Roof
DATE REV.	11/21/22
DRAWN BY	David Landry
SALES REP.	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