



# ROOF & FLOOR TRUSSES & BEAMS

Reilly Road Industrial Park  
Fayetteville, N.C. 28309  
Phone: (910) 864-8787  
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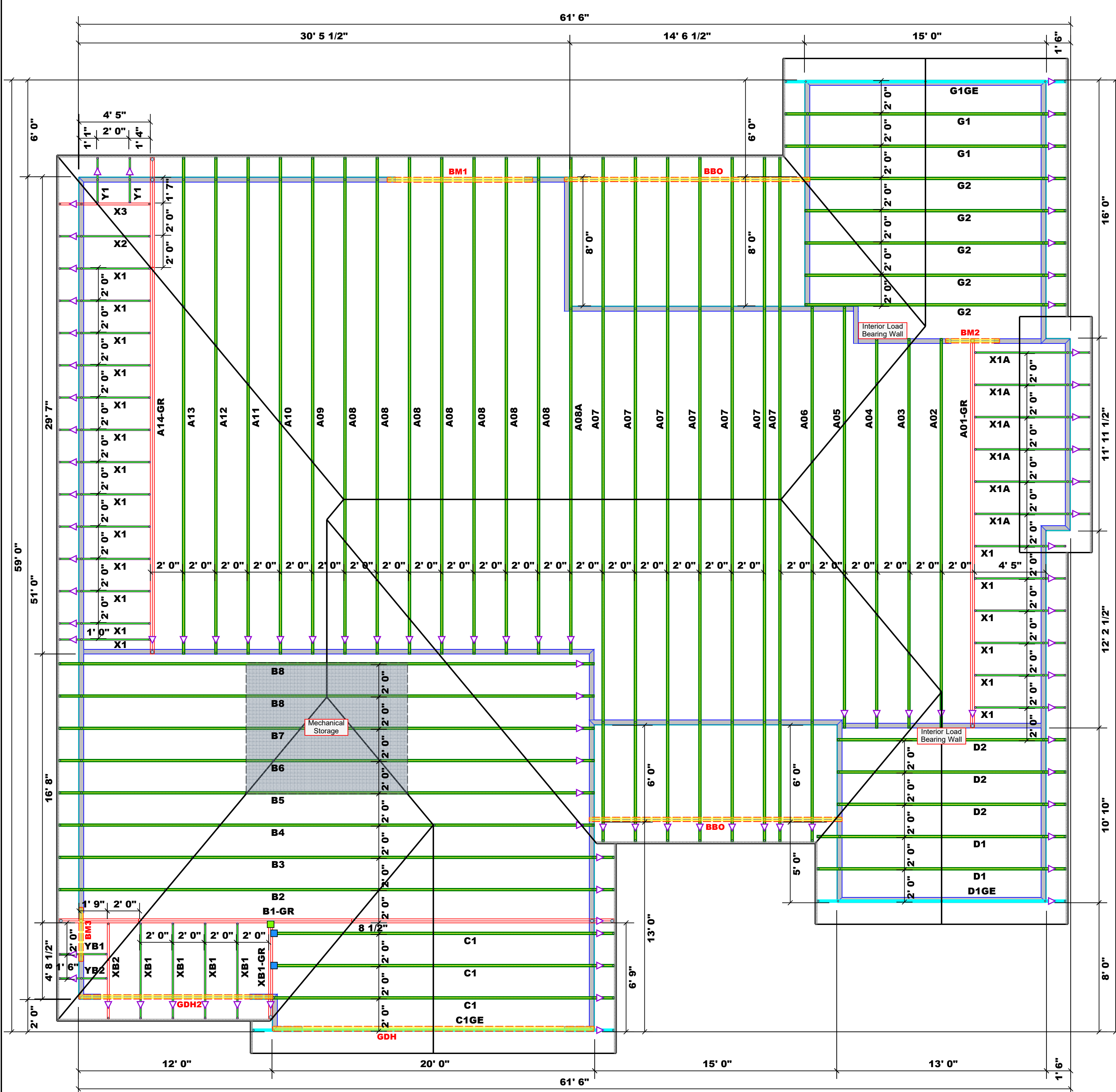
Bearing reactions less than or equal to 3000# are deemed to comply with the prescriptive Code requirements. The contractor shall refer to the attached Tables ( derived from the prescriptive Code requirements ) to determine the minimum foundation size and number of wood studs required to support reactions 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 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	5100	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 Walls Shown Are Considered Load Bearing

Roof Area = 3636.43 sq.ft.  
Ridge Line = 83.27 ft.  
Hip Line = 100.12 ft.  
Horiz. OH = 205.08 ft.  
Raked OH = 81.5 ft.  
Decking = 125 sheets

Hatch Legend

[Hatched Box]	Mechanical Storage
[Yellow Box]	Drop Beam

Connector Information

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

Products

PlotID	Length	Product	Piles	Net Qty
BM1	9' 0"	1-3/4"x 9-1/4" LVL Kerto-S	2	2
BM2	4' 0"	2x10 SPF No.2	2	2
BM3	4' 0"	2x10 SPF No.2	2	2
GDH	20' 0"	1-3/4"x 11-7/8" LVL Kerto-S	2	2
GDH2	12' 0"	2x10 SPF No.2	2	2

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

BUILDER	Watermark Homes	COUNTY	Harnett
JOB NAME	Lot 1 Oak Haven	ADDRESS	Lot 1 Oak Haven
PLAN	Blue Ash	MODEL	Roof
SEAL DATE	Seal Date	DATE REV.	07/07/20 10:21:02
QUOTE #	Quote #	DRAWN BY	David Landry
JOB #	J0720-3074	SALESMAN	Anthony Williams

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