



ROOF & FLOOR TRUSSES & BEAMS

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

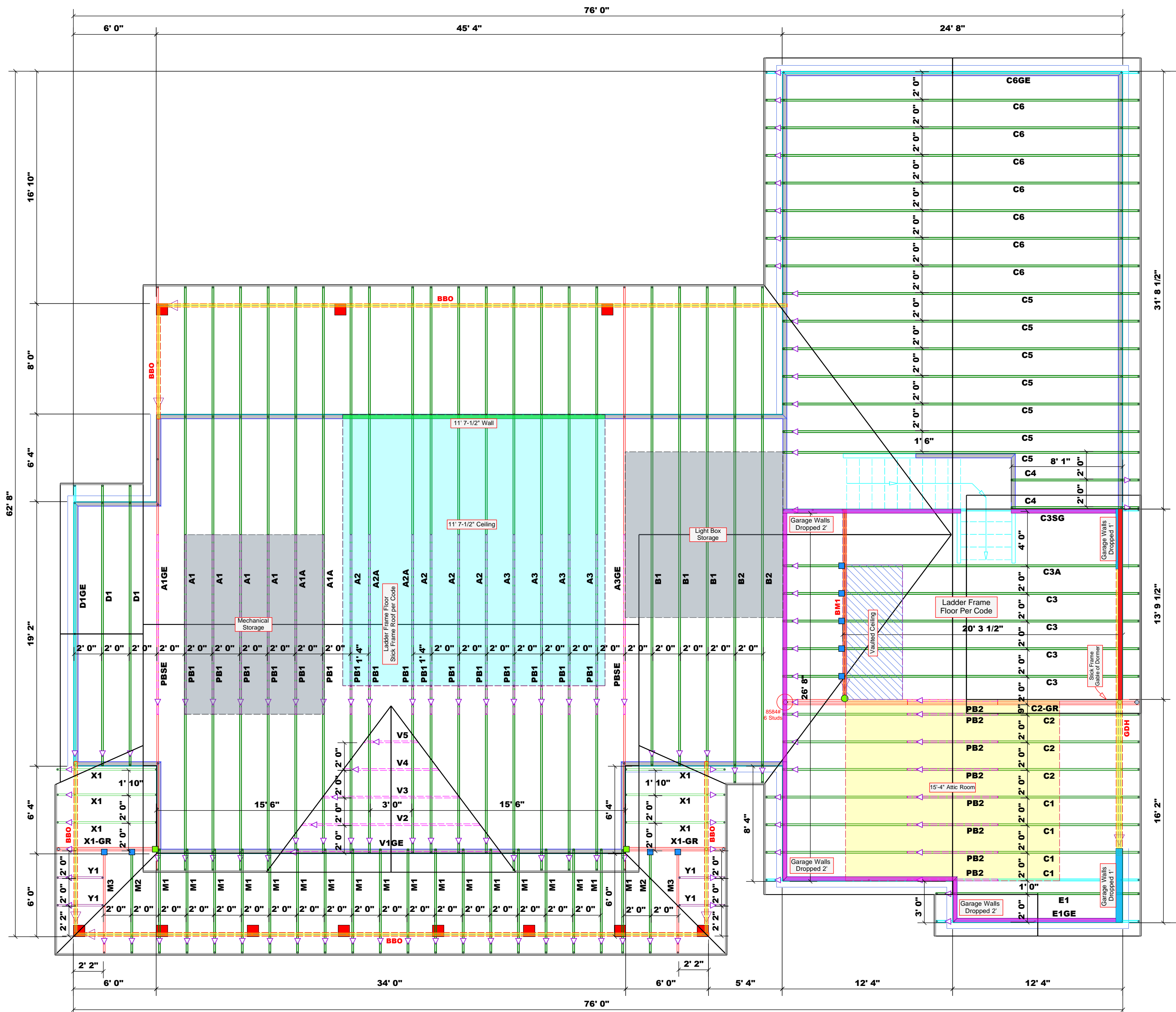
Bearing reactions less than or equal to 3000# are deemed to comply with the prescriptive Code requirements. The contractor shall refer to the attached Tables (derived from the prescriptive Code requirements) to determine the minimum foundation size and number of wood studs required to support reactions 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 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				



PlotID	Length	Product	Piles	Net Qty
BM1	14' 0"	1-3/4" x 14" LVL Kerto-S	2	2
GDH	22' 0"	1-3/4" x 23-7/8" LVL Kerto-S	3	3

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.

1 Truss Placement Plan

Scale: 3/16" = 1'

Roof Area = 6311.36 sq. ft.
Ridge Line = 128.12 ft.
Hip Line = 21.43 ft.
Horiz. OH = 252.65 ft.
Raked OH = 267.86 ft.
Decking = 183 sheets

Hatch Legend	
[Light Blue]	11' 7-1/2" Ceiling
[Grey]	Padded HVAC
[Red]	Second Floor Walls
[Blue]	Garage Walls Dropped 1'-0"
[White]	Vaulted Ceiling
[Green]	Garage Walls Dropped 2'-0"
[Light Green]	11' 7-1/2" Walls

Connector Information				Nail Information	
Sym	Product	Manuf	Qty	Supported Member	Header / Truss
[Blue]	HUS26	USP	19	Varies	16d/3-1/2" / 16d/3-1/2"
[Green]	THD26-2	USP	2	Varies	16d/3-1/2" / 10d/3"
[Light Green]	THD410	USP	1	Varies	16d/3-1/2" / 10d/3"

BUILDER	STE General Contractors, LLC	COUNTY	Harnett
JOB NAME	Lucas Residence	ADDRESS	
PLAN	HPZ (BB-228)	MODEL	Roof
SEAL DATE	Seal Date	DATE REV.	02/19/24
QUOTE #	Quote #	DRAWN BY	David Landry
JOB #	J0224-0932	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 BC31-B1 and BC31-B3 provided with the truss delivery package or online @ sbcindustry.com