



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 Lenny Norris

Lenny Norris

LOAD CHART FOR JACK STUDS

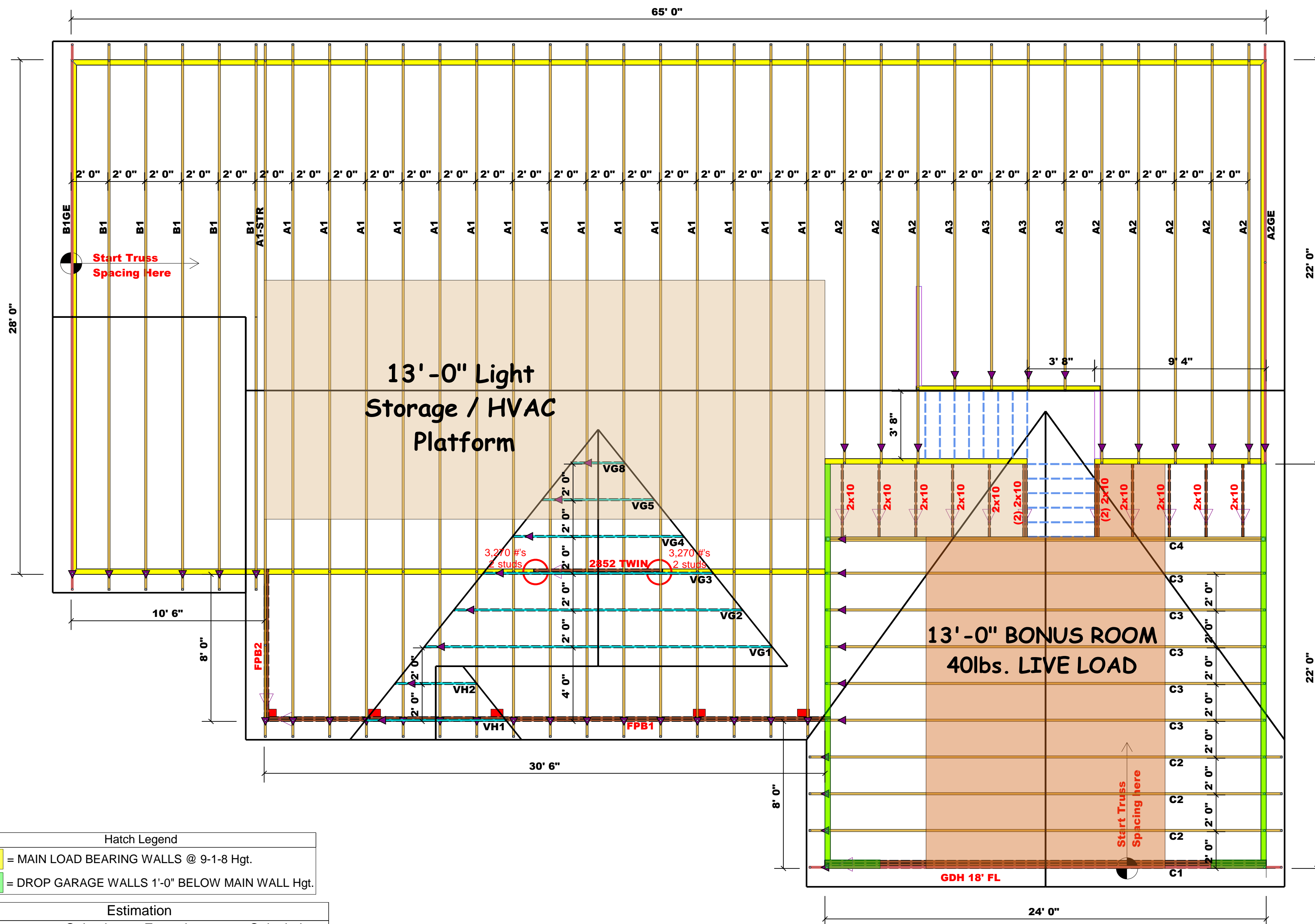
(BASED ON TABLES R502.5(1) & (b))
NUMBER OF JACK STUDS REQUIRED @ EA END OF HEADER/GIRDER

END REACTION (UP TO)	REQ. D. STUDS FOR (1) 1" X 4" HEADER	END REACTION (UP TO)	REQ. D. STUDS FOR (1) 1" X 4" HEADER	END REACTION (UP TO)	REQ. D. 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				

ProBuilt General Contractors	Johnston Co. / Johnston
The Garrett Plan	Site Address
The Garrett	MODEL
Seal Date	DATE REV. 01/27/25
Quote #	DRAWN BY Lenny Norris
J0125-0515	SALES REP. Lenny Norris

BUILDER	JOBSITE	PLAN	SEAL DATE	QUOTE #	JOB #
ProBuilt General Contractors	Johnston Co. / Johnston	The Garrett Plan	The Garrett	Seal Date	J0125-0515
	ADDRESS	MODEL	DATE REV.	DRAWN BY	SALES REP.
			01/27/25	Lenny Norris	Lenny Norris

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



Hatch Legend

	= MAIN LOAD BEARING WALLS @ 9-1-8 Hgt.
	= DROP GARAGE WALLS 1'-0" BELOW MAIN WALL Hgt.

Estimation

Name	Selection	Formula	Calculation
Roof Area	1st Floor	Roof Area	3481.69
Roof Decking	1st Floor	Roof Decking	120

BEAM LEGEND

PlotID	Length	Product	Plies	Net Qty	Fab Type
2852 TWIN	7' 0"	1-3/4"x 9-1/4" LVL Kerto-S	2	2	FF
GDH 18' FL	24' 0"	1-3/4"x 11-7/8" LVL Kerto-S	3	3	FF
FPB1	32' 0"	2x10 SPF No.2	2	2	FF
FPB2	10' 0"	2x10 SPF No.2	2	2	FF

▲ = Denotes Left End of Truss
(Reference Engineered Truss Drawing)

All Truss Reactions are Less than 3,000 lbs. Unless Noted Otherwise.
○ -- Denotes Reaction Greater than 3,000 lbs.
Reaction / # of Studs

Truss Placement Plan SCALE: 1/4" = 1'-0"