



ROOF & FLOOR TRUSSES & BEAMS

Reilly Road Industrial Park
Fayetteville, N.C. 28309
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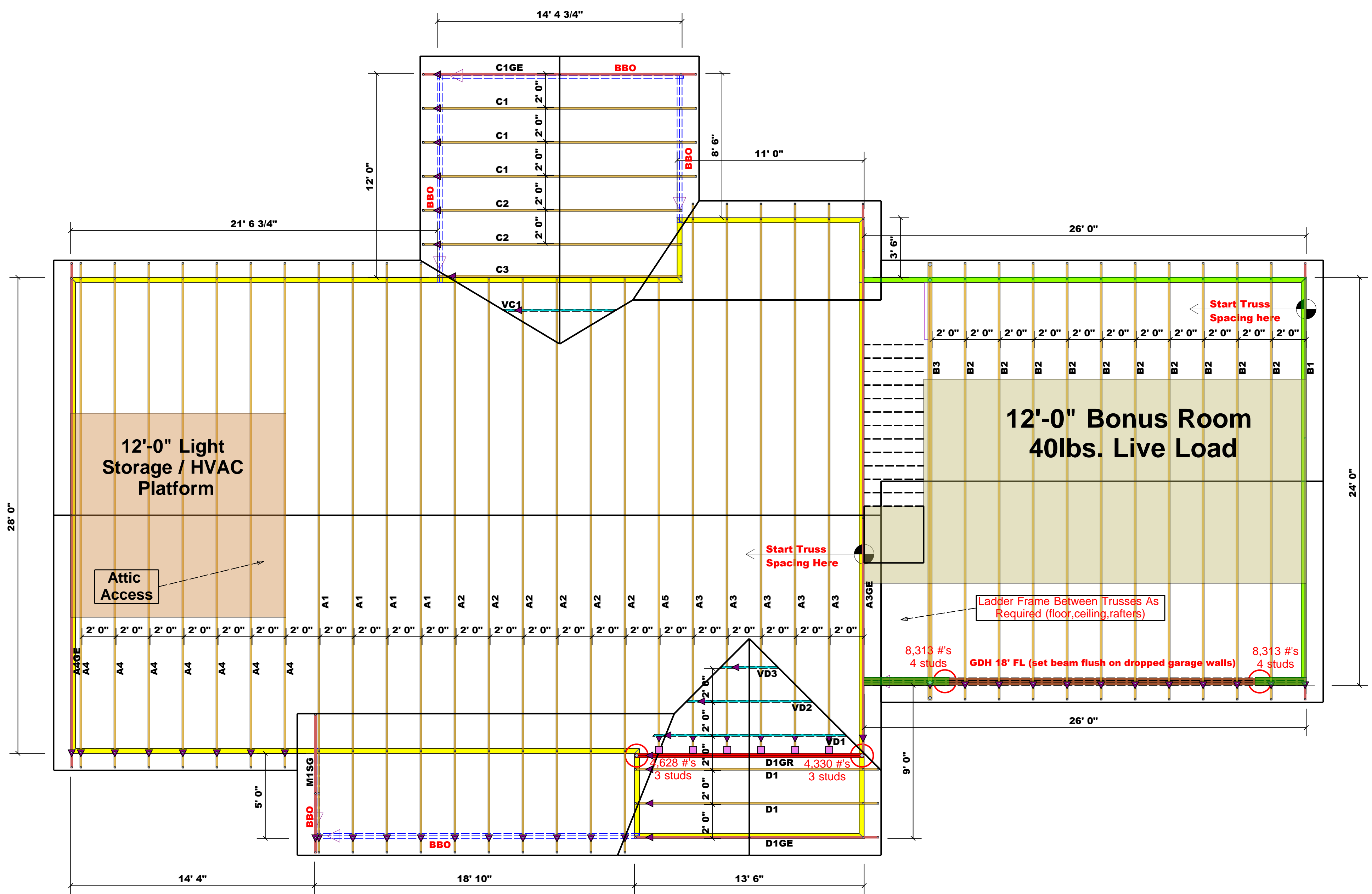
Bearing reactions less than or equal to 3000# are deemed to comply with the prescriptive Code requirements. The contractor shall refer to the attached Tables (derived from the prescriptive Code requirements) to determine the minimum foundation size and number of wood studs required to support reactions 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. STUDS FOR (1) 1/2" HEADER	END REACTION (UP TO)	REQ. STUDS FOR (1) 1/2" HEADER	END REACTION (UP TO)	REQ. 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				



12'-0" Light Storage / HVAC Platform

**12'-0" Bonus Room
40lbs. Live Load**

Attic Access

Ladder Frame Between Trusses As Required (floor, ceiling, rafters)

8,313 #'s
4 studs

GDH 18' FL (set beam flush on dropped garage walls)

8,313 #'s
4 studs

628 #'s
3 studs

D1GR 4,330 #'s
3 studs

D1 3 studs

HUS28	USP	6	16d/3-1/2	16d/3-1/2"
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Hatch Legend

- [Yellow Box] = MAIN HOUSE WALL HGT. @ 9'-1-8
- [Green Box] = DROP GARAGE WALLS 1'-4" BELOW MAIN HOUSE WALL HGT.

Estimation

Name	Selection	Formula	Calculation
Roof Area	1st Floor	Roof Area	3205.94
Roof Decking	1st Floor	Roof Decking	110

BEAM LEGEND

PlotID	Length	Product	Plies	Net Qty	Fab Type
GDH 18' FL (set beam flush on dropped garage walls)	26' 0"	1-3/4"x 18" LVL Kerto-S	3	3	FF

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

▲ = 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

BUILDER	JOB NAME	PLAN	SEAL DATE	QUOTE #	JOB #
Wimberly Builders, LLC	Ryan Beacham Res.	Ryan Beacham Res.	Seal Date	Quote #	J1223-6851
Bunnlevel / Harnett	Nut Grass Road	ROOF	12/04/23	Lenny Norris	Lenny Norris
CITY / CO.	ADDRESS	MODEL	DATE REV.	DRAWN BY	SALES REP.

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