





**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#.

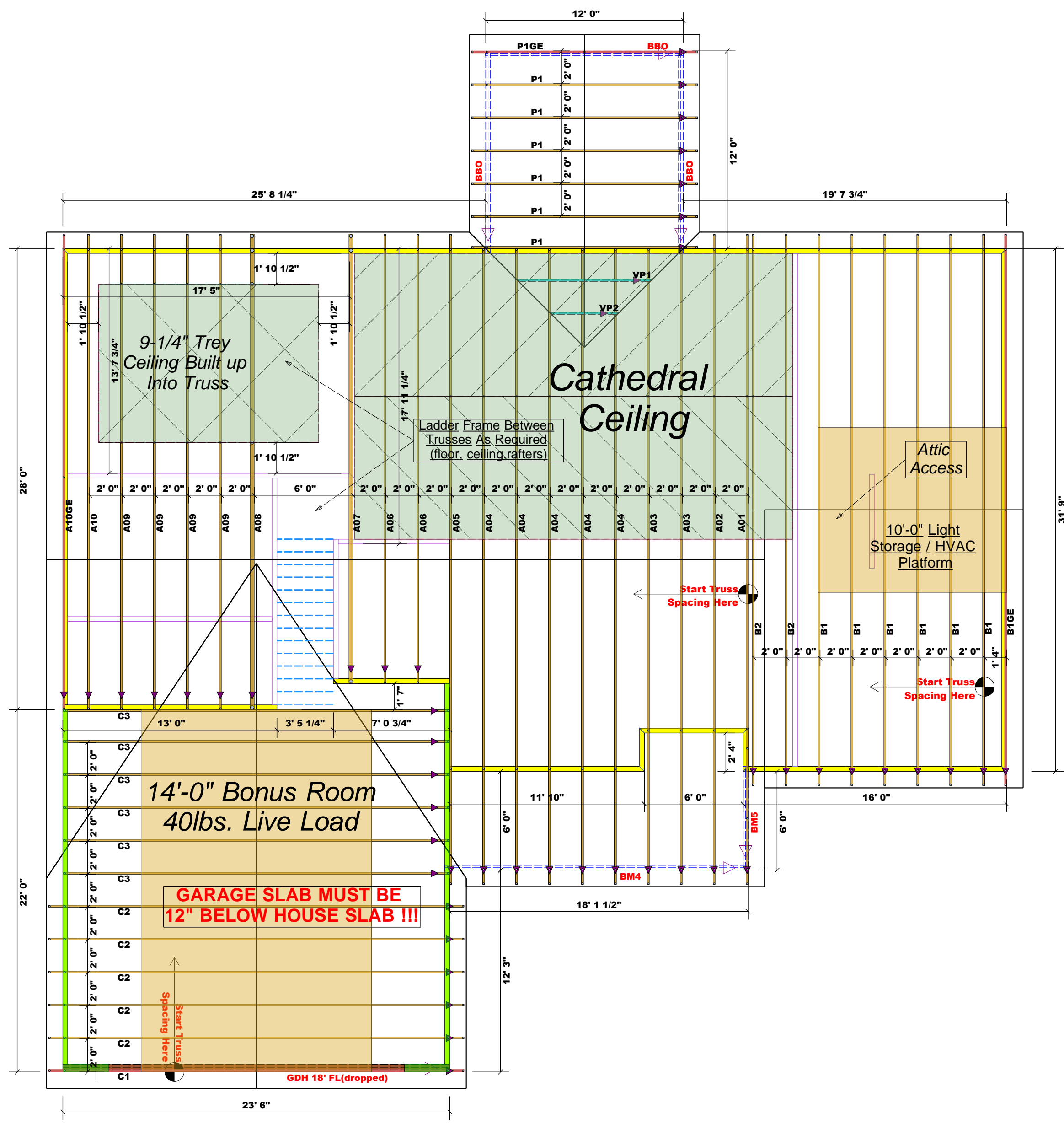
Signature Lenny Norris

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) 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	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				



**Hatch Legend**

<span style="background-color: yellow; border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span>	= LOAD BEARING WALL HGT. @ 9-1-8
<span style="background-color: lightgreen; border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span>	= DROP GARAGE WALLS 1'-0" BELOW MAIN WALL HGT.

**Estimation**

Name	Selection	Formula	Calculation
Roof Area	1st Floor	Roof Area	3419.47
Roof Decking	1st Floor	Roof Decking	118

**BEAM LEGEND**

PlotID	Length	Product	Plies	Net Qty	Fab Type
GDH 18' FL(dropped)	24' 0"	1-3/4"x 11-7/8" LVL Kerto-S	3	3	FF

**Truss Placement Plan**  
**SCALE: 3/16" = 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

WEAVER DEVELOPMENT, INC.	Sanford / Harnett
LOT 6 WEST PRESERVE	Rhodes Rd.
BELLHAVEN	ROOF
SEAL DATE	/ /
QUOTE #	Lenny Norris
JOB #	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