



**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#.

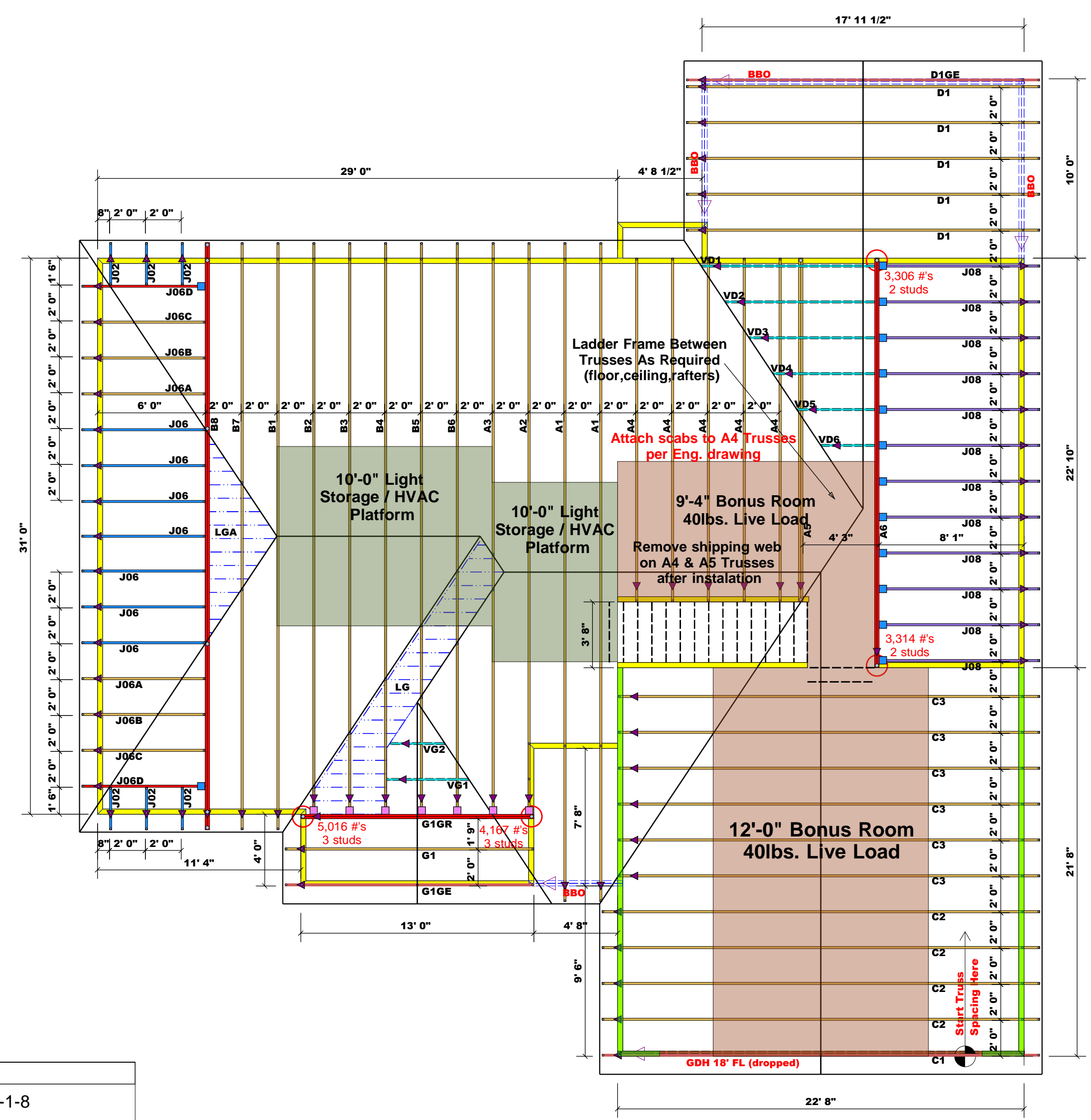
Signature Lenny Norris  
**Lenny Norris**

**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. STUDS FOR (1) 1" x 4" HEADER	END REACTION (UP TO)	REQ. STUDS FOR (1) 1" x 4" HEADER	END REACTION (UP TO)	REQ. 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				



**Hatch Legend**

= MAIN LOAD BEARING WALL HGT. @ 9-1-8

= DROP GARAGE WALLS 1'-0" BELOW MAIN WALL HGT.

<span style="background-color: blue; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span>	HUS26	USP	14	NA	16d/3-1/2"	16d/3-1/2"
<span style="background-color: pink; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span>	HUS28	USP	7		16d/3-1/2"	16d/3-1/2"

**Estimation**

Name	Selection	Formula	Calculation
Roof Area	1st Floor	Roof Area	3140.64
Roof Decking	1st Floor	Roof Decking	108

**BEAM LEGEND**

PlotID	Length	Product	Plies	Net Qty	Ft
GDH 18' FL (dropped)	23' 0"	1-3/4"x 14" LVL Kerto-S	2	2	Ft

**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

BUILDER	JOB NAME	PLAN	SEAL DATE	QUOTE #	JOB #
Southern Touch Homes	Lot 23 West Preserve	The Windsor	Seal Date	Quote #	J0623-2946
CITY / CO.	Sanford / Harnett	ADDRESS	Lot 23 West Preserve	MODEL	ROOF
		DATE REV.	/ /	DRAWN BY	Lenny Norris
		SALES REP.	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