

Estimation			
Name	Selection	Formula	Calculation
Roof Area	1st Floor	Roof Area	3612.06
Roof Decking	1st Floor	Roof Decking	124

BEAM LEGEND					
PlotID	Length	Product	Plies	Net Qty	Fab Type
2860 TWIN	7-00-00	1-3/4"x 9-1/4" LVL Kerto-S	2	2	FF
2868 FR. DOOR	7-00-00	1-3/4"x 9-1/4" LVL Kerto-S	2	2	FF
GDH 18' FL	25-00-00	1-3/4"x 11-7/8" LVL Kerto-S	3	3	FF
FRPB1	18-00-00	2x10 SPF No.2	2	2	FF
SCB1	16-00-00	2x10 SPF No.2	2	2	FF
SCB2	14-00-00	2x10 SPF No.2	2	2	FF
FRPB2	8-00-00	2x10 SPF No.2	2	2	FF
GDH 9' FL	14-00-00	2x12 SPF No.2	3	3	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"

LOAD CHART FOR JACK STUDS

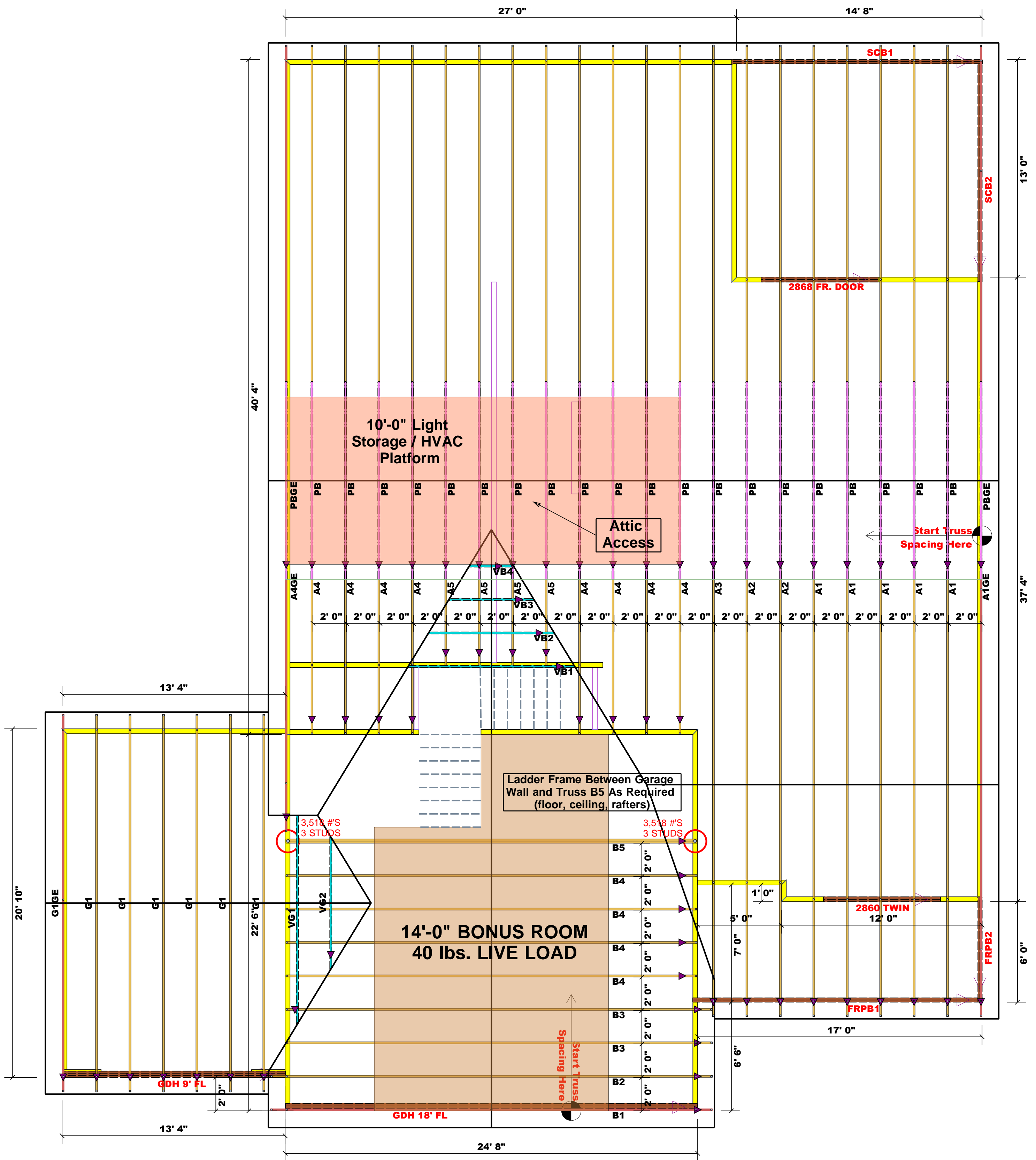
(BASED ON TABLES R502.5(1) & (2))
NUMBER OF JACK STUDS REQUIRED @ EA END OF HEADQUADERS

END REACTION (UP TO) @ END OF HEADQUADERS	END REACTION (UP TO) @ END OF HEADQUADERS	END REACTION (UP TO) @ END OF HEADQUADERS
1700	2550	3400
3400	5100	6800
5100	7650	10200
6800	10200	13600
8500	12750	17000
10200	15300	
11900		
13600		
15300		

BUILDER	Southern Touch Homes	CITY / CO.	Sanford / Harnnett
JOB NAME	Lot 43 West Preserve	ADDRESS	116 Boyce Ct.
PLAN	WELLS	MODEL	ROOF
SEAL DATE	Seal Date	DATE REV.	06/19/24
QUOTE #	Quote #	DRAWN BY	Lenny Norris
JOB #	J0624-3620	SALES REP.	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 BCSH-B1 and BCSH-B3 provided with the truss delivery package or online @ sbcindustry.com	
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

comTECH	
ROOF & FLOOR TRUSSES & BEAMS	
Reilly Road Industrial Park Fayetteville, N.C. 28309 Phone: (910) 864-8787 Fax: (910) 864-4444	



Estimation			
Name	Selection	Formula	Calculation
Roof Area	1st Floor	Roof Area	3612.06
Roof Decking	1st Floor	Roof Decking	124

▲ = 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

BEAM LEGEND					
PlotID	Length	Product	Plies	Net Qty	Fab Type
2860 TWIN	7' 0"	1-3/4"x 9-1/4" LVL Kerto-S	2	2	FF
2868 FR. DOOR	7' 0"	1-3/4"x 9-1/4" LVL Kerto-S	2	2	FF
GDH 18' FL	25' 0"	1-3/4"x 11-7/8" LVL Kerto-S	3	3	FF
FRPB1	18' 0"	2x10 SPF No.2	2	2	FF
SCB1	16' 0"	2x10 SPF No.2	2	2	FF
SCB2	14' 0"	2x10 SPF No.2	2	2	FF
FRPB2	8' 0"	2x10 SPF No.2	2	2	FF
GDH 9' FL	14' 0"	2x12 SPF No.2	3	3	FF

Truss Placement Plan

SCALE: 1/4" = 1'-0"

LOAD CHART FOR JACK STUDS			
(BASED ON TABLES B502.5(1) & (2))			
NUMBER OF JACK STUDS REQUIRED @ EA END OF HEADQUADRE			
END REACTION (UP TO) 1700	2550	3400	
END REACTION (UP TO) 3400	5100	6900	
END REACTION (UP TO) 5100	7650	10200	
END REACTION (UP TO) 6800	10200	13600	
END REACTION (UP TO) 8500	12750	17000	
END REACTION (UP TO) 10200	15300		
END REACTION (UP TO) 11900			
END REACTION (UP TO) 13600			
END REACTION (UP TO) 15300			

BUILDER	Southern Touch Homes	CITY / CO.	Sanford / Harnnett
JOB NAME	Lot 43 West Preserve	ADDRESS	116 Boyce Ct.
PLAN	WELLS	MODEL	ROOF
SEAL DATE	Seal Date	DATE REV.	06/19/24
QUOTE #	Quote #	DRAWN BY	Lenny Norris
JOB #	J0624-3620	SALES REP.	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 BCSH-B1 and BCSH-B3 provided with the truss delivery package or online @ sbcindustry.com	
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

comTECH
ROOF & FLOOR TRUSSES & BEAMS
Reilly Road Industrial Park Fayetteville, N.C. 28309 Phone: (910) 864-8787 Fax: (910) 864-4444