

▲ = 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

Estimation			
Name	Selection	Formula	Calculation
Roof Area	1st Floor	Roof Area	1965.04
Roof Decking	1st Floor	Roof Decking	68

### Truss Placement Plan

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

**LOAD CHART FOR JACK STUDS**

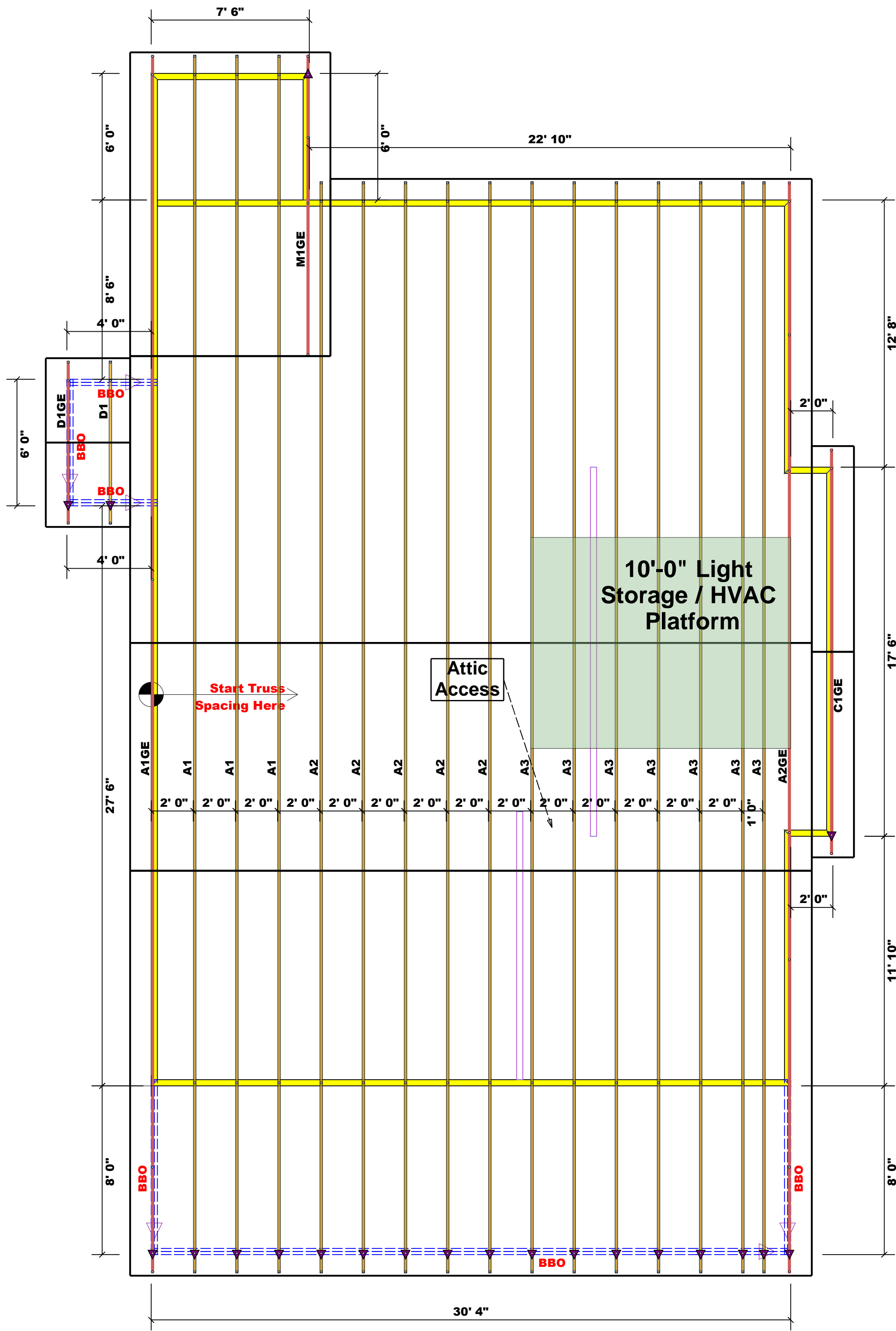
(BASED ON TABLES B502.5(1) & (2))  
NUMBER OF JACK STUDS REQUIRED @ EA END OF HEADERS

END REACTION (UP TO) (LBS)	SPACING (FT)	NO. OF JACK STUDS	END REACTION (UP TO) (LBS)	SPACING (FT)	NO. OF JACK STUDS
1700	2550	1	3400	1	1
3400	5100	2	6800	2	2
5100	7650	3	10200	3	3
6800	10200	4	13600	4	4
8500	12750	5	17000	5	5
10200	15300	6			
11900					
13600					
15300					

<b>BUILDER</b>	Weaver Homes, Inc.	<b>CITY / CO.</b>	Sanford / Harnett
<b>JOB NAME</b>	Lot 3 Holly Place	<b>ADDRESS</b>	4065 Barbecue Church Rd.
<b>PLAN</b>	Bella IV	<b>MODEL</b>	Roof
<b>SEAL DATE</b>	Seal Date	<b>DATE REV.</b>	11/02/23
<b>QUOTE #</b>	Quote #	<b>DRAWN BY</b>	Lenny Norris
<b>JOB #</b>	J1023-6032	<b>SALES REP.</b>	Lenny Norris

<b>THIS IS A TRUSS PLACEMENT DIAGRAM ONLY.</b>
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: <u>Lenny Norris</u> Lenny Norris

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



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Roof Decking	1st Floor	Roof Decking	68

### Truss Placement Plan

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

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(BASED ON TABLES B502.5(1) & (2))  
NUMBER OF JACK STUDS REQUIRED @ EA END OF HEADERS

END REACTION (UP TO) (DOWN) HEADERS	END REACTION (UP TO) (DOWN) HEADERS	END REACTION (UP TO) (DOWN) HEADERS
1700	2550	3400
3400	5100	6800
5100	7650	10200
6800	10200	13600
8500	12750	17000
10200	15300	
11900		
13600		
15300		

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