



**ROOF & FLOOR TRUSSES & BEAMS**

Reilly Road Industrial Park  
 Fayetteville, N.C. 28309  
 Phone: (910) 864-8787  
 Fax: (910) 864-4444

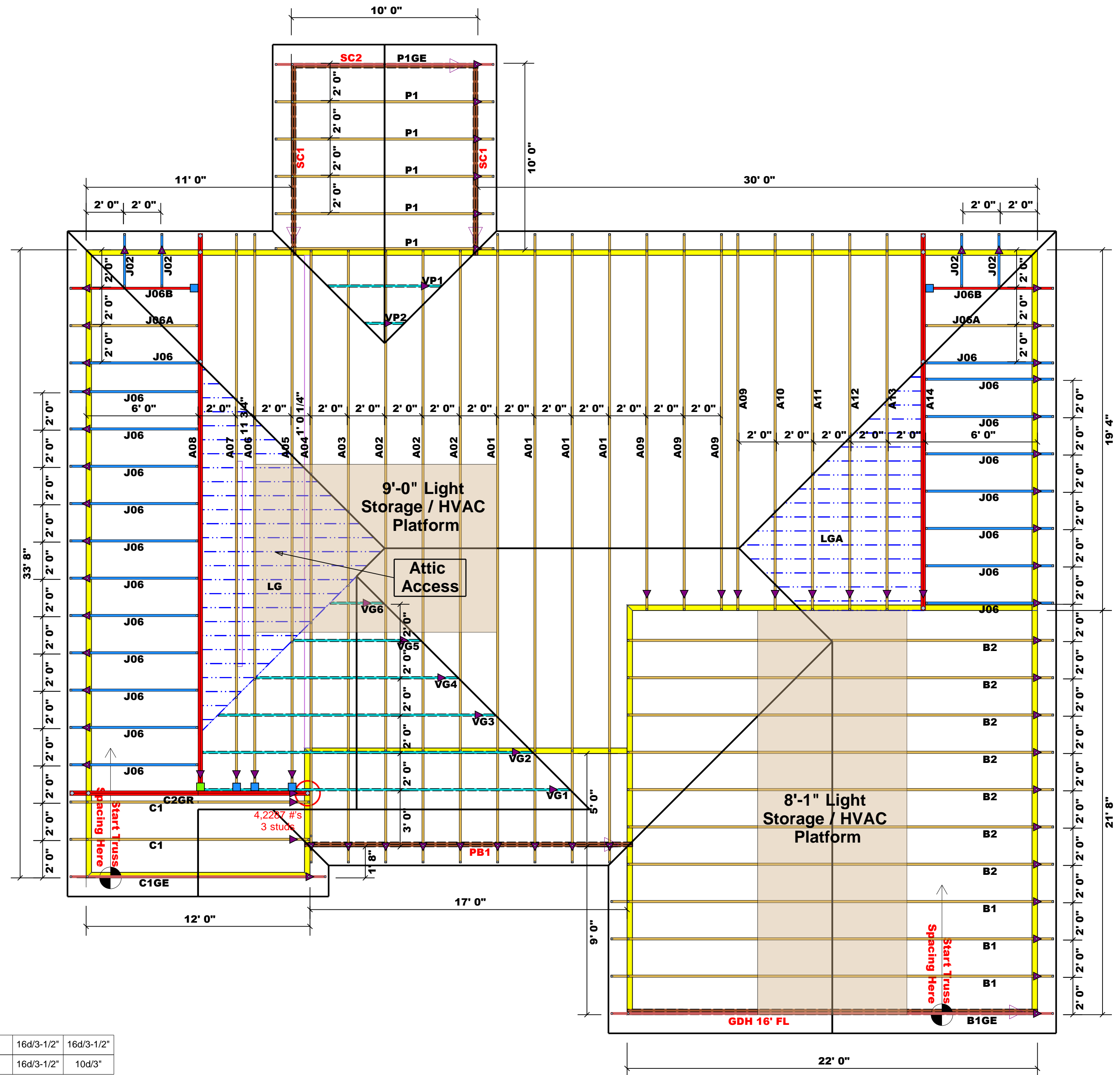
Bearing reactions less than or equal to 3000# are deemed to comply with the prescriptive Code requirements. The contractor shall refer to the attached Tables ( derived from the prescriptive Code requirements ) to determine the minimum foundation size and number of wood studs required to support reactions 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				



<span style="color: blue;">■</span>	HUS26	USP	5	NA	16d/3-1/2"	16d/3-1/2"
<span style="color: green;">■</span>	THD26-2	USP	1	NA	16d/3-1/2"	10d/3"

Estimation			
Name	Selection	Formula	Calculation
Roof Area	1st Floor	Roof Area	2597.6
Roof Decking	1st Floor	Roof Decking	89

**Hatch Legend**  
 = MAIN LOAD BEARING WALLS @ 9'-1-8 HGT.  
 ▲ = Denotes Left End of Truss (Reference Engineered Truss Drawing)

BEAM LEGEND					
PlotID	Length	Product	Plies	Net Qty	Fab Type
GDH 16' FL	22-00-00	1-3/4"x 11-7/8" LVL Kerto-S	2	2	FF
PB1	18-00-00	2x10 SPF No.2	2	2	FF
SC1	12-00-00	2x10 SPF No.2	2	4	FF
SC2	10-00-00	2x10 SPF No.2	2	2	FF

○ -- Denotes Reaction Greater than 3,000 lbs. Reaction / # of Studs  
*All Truss Reactions are Less than 3,000 lbs. Unless Noted Otherwise.*

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

<b>BUILDER</b>	Gammon Construction, LLC	<b>CITY / CO.</b>	Pikeville / Wayne
<b>JOB NAME</b>	Lot 16 Sillinger Creek	<b>ADDRESS</b>	W Sillinger Dr.
<b>PLAN</b>	Riverstone "A"	<b>MODEL</b>	ROOF
<b>SEAL DATE</b>	Seal Date	<b>DATE REV.</b>	/ /
<b>QUOTE #</b>	Quote #	<b>DRAWN BY</b>	Lenny Norris
<b>JOB #</b>	J0824-4404	<b>SALES REP.</b>	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



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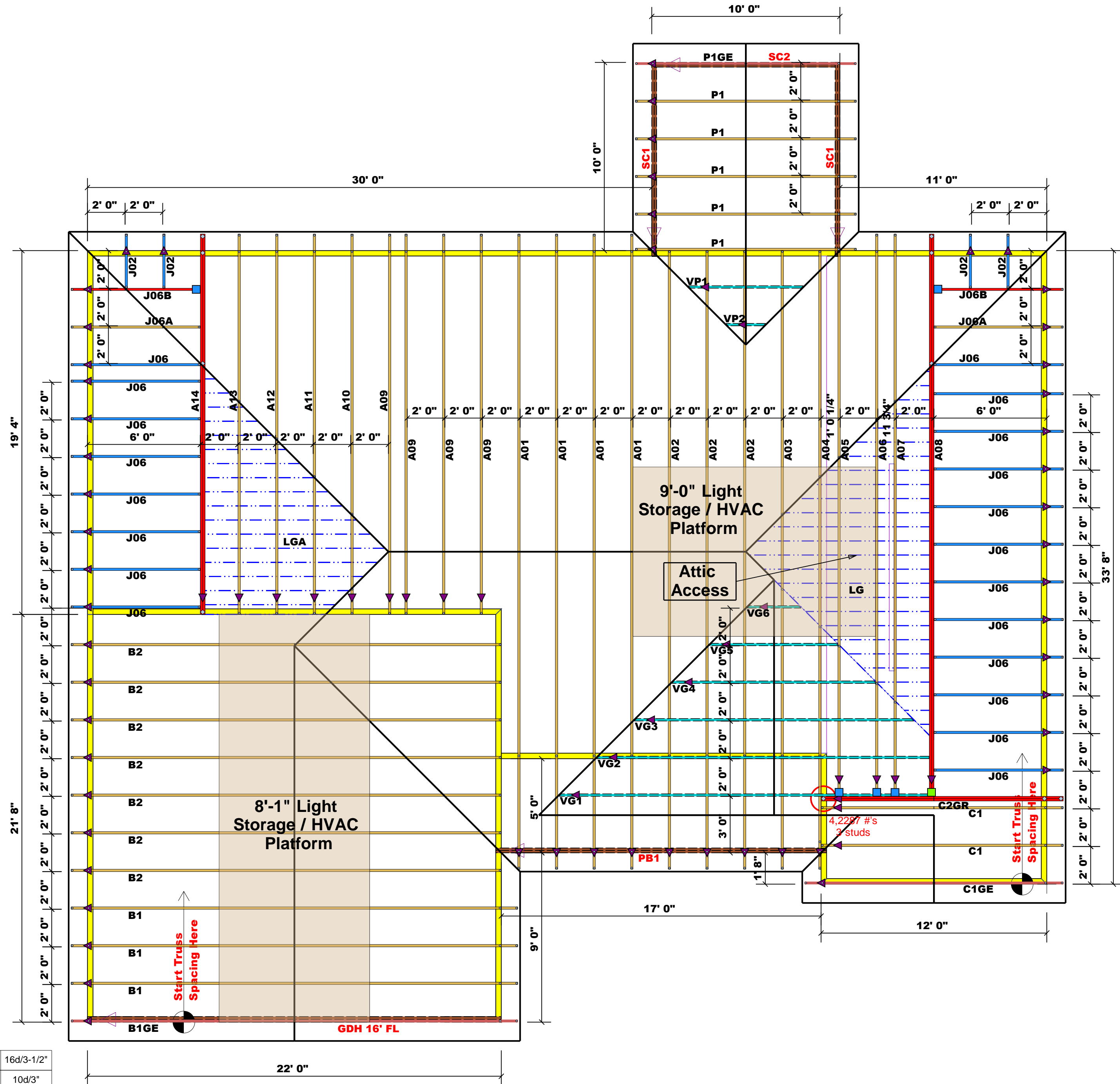
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**LOAD CHART FOR JACK STUDS**

(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
1700	1	2550	1
3400	2	5100	2
5100	3	7650	3
6800	4	10200	4
8500	5	12750	5
10200	6	15300	6
11900	7		
13600	8		
15300	9		



<span style="color: blue;">■</span>	HUS26	USP	5	NA	16d/3-1/2"	16d/3-1/2"
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▲- Denotes Left End of Truss  
 (Reference Engineered Truss Drawing)

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SC1	12' 0"	2x10 SPF No.2	2	4	FF	
SC2	10' 0"	2x10 SPF No.2	2	2	FF	

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

<b>BUILDER</b>	Cammon Construction, LLC	<b>CITY / CO.</b>	Pikeville / Wayne
<b>JOB NAME</b>	Lot 16 Sillinger Creek	<b>ADDRESS</b>	W Sillinger Dr.
<b>PLAN</b>	Riverstone "A"	<b>MODEL</b>	ROOF
<b>SEAL DATE</b>	Seal Date	<b>DATE REV.</b>	/ /
<b>QUOTE #</b>	Quote #	<b>DRAWN BY</b>	Lenny Norris
<b>JOB #</b>	J0824-4404	<b>SALES REP.</b>	Lenny Norris

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