



ROOF & FLOOR TRUSSES & BEAMS

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

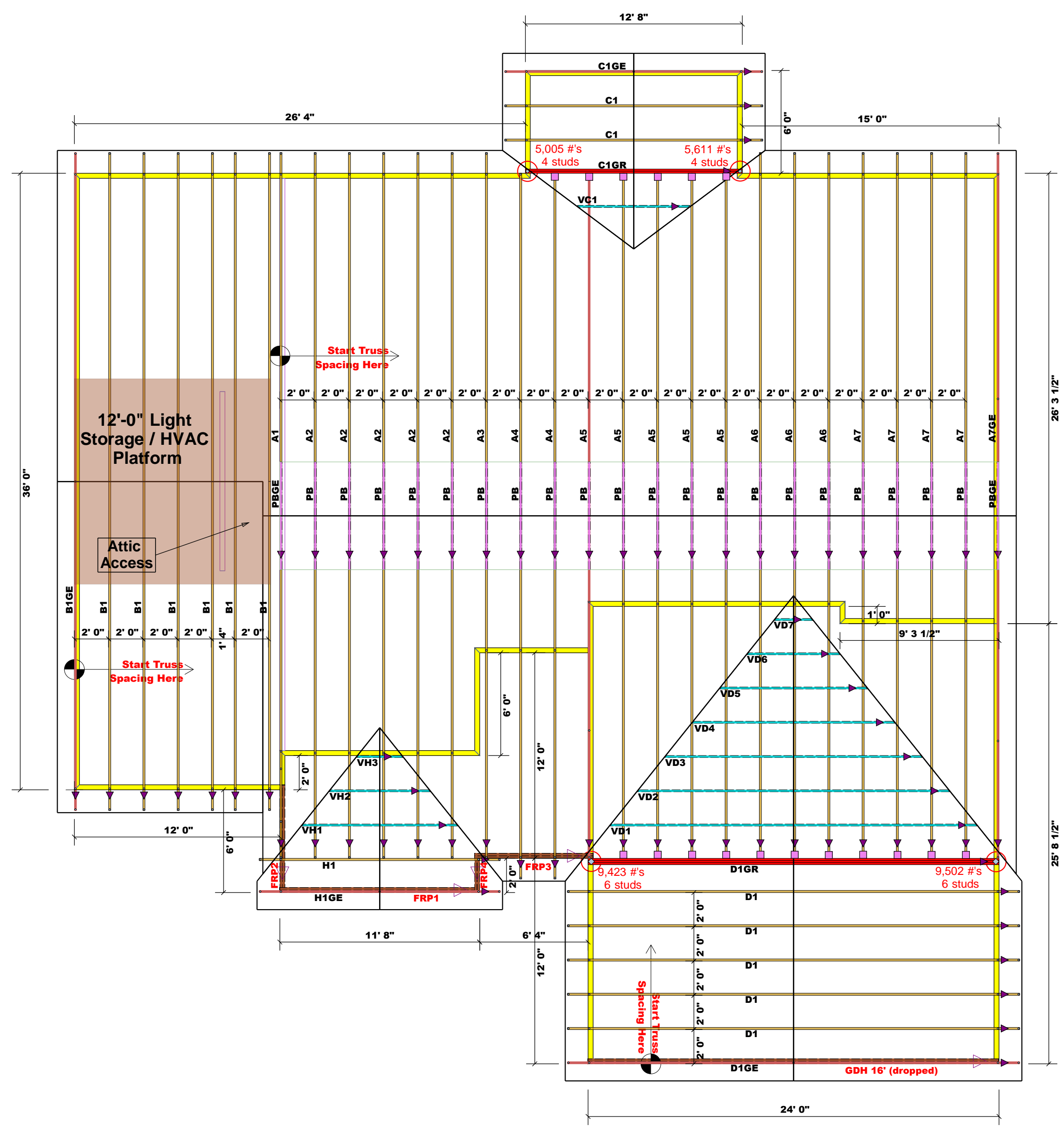
Bearing reactions less than or equal to 3000# are deemed to comply with the prescriptive Code requirements. The contractor shall refer to the attached Tables (derived from the prescriptive Code requirements) to determine the minimum foundation size and number of wood studs required to support reactions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



Estimation			
Name	Selection	Formula	Calculation
Roof Area	1st Floor	Roof Area	3372.22
Roof Decking	1st Floor	Roof Decking	116

BEAM LEGEND					
PlotID	Length	Product	Plies	Net Qty	Fab Type
GDH 16' (dropped)	24' 0"	1-3/4"x 11-7/8" LVL Kerto-S	2	2	FF
FRP1	12' 0"	1-3/4"x 11-7/8" LVL Kerto-S	2	2	FF
FRP2	7' 0"	1-3/4"x 11-7/8" LVL Kerto-S	2	2	FF
FRP3	7' 0"	1-3/4"x 11-7/8" LVL Kerto-S	2	2	FF
FRP4	3' 0"	1-3/4"x 11-7/8" LVL Kerto-S	2	2	FF

Truss Placement Plan

SCALE: 3/16" = 1'-0"

■ HUS28 USP 17 16d/3-1/2 16d/3-1/2"

▲ = 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	CITY / CO.	ADDRESS	MODEL	DATE REV.	DRAWN BY	SALES REP.
Freedom Constructors, Inc.	Harnett Co.	Lot 17 The Cape	Wilson	Roof	Lenny Norris	Lenny Norris
JOB NAME	PLAN	SEAL DATE	QUOTE #	JOB #		
				J0523-2061		

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

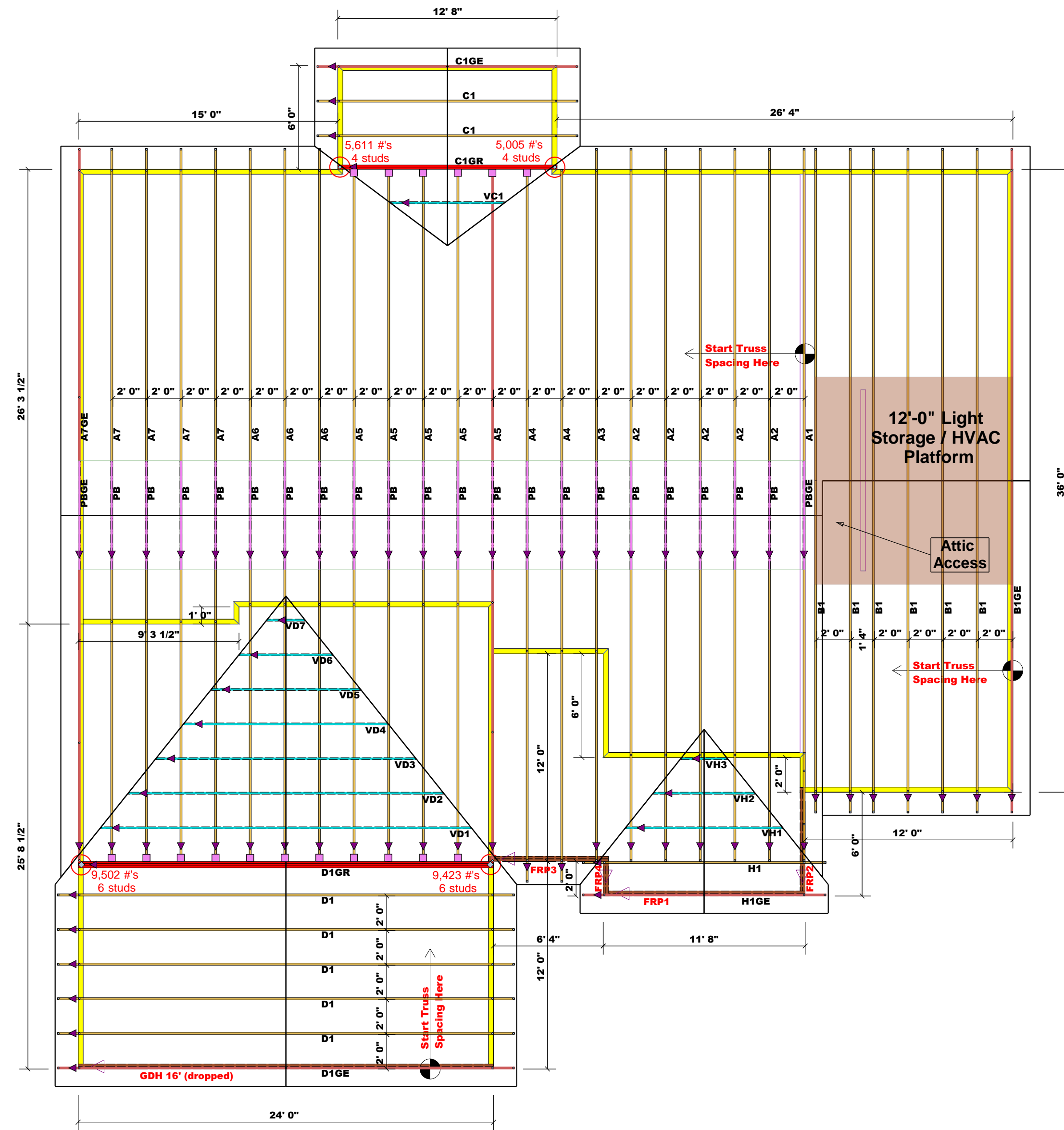
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Freedom Constructors, Inc.	Harrett Co.	Lot 17 The Cape	Wilson Roof	/ /	Lenny Norris	Lenny Norris
					Quote #	J0523-2061

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