



**Hatch Legend**

[Hatched Box]	Padded HVAC
[Blue Hatched Box]	Vaulted Ceiling
[Orange Box]	Flush Beam
[Yellow Box]	Drop Beam

**Dimension Notes**

1. All exterior wall to wall dimensions are to face of stud unless noted otherwise
2. All interior wall dimensions are to face of stud unless noted otherwise
3. All exterior wall to truss dimensions are to face of stud unless noted otherwise

Roof Area = 3933.66 sq.ft.  
 Ridge Line = 141.05 ft.  
 Hip Line = 33.43 ft.  
 Horiz. OH = 228.43 ft.  
 Raked OH = 185.86 ft.  
 Decking = 135 sheets

All Walls Shown Are Considered Load Bearing

▲ = Indicates Left End of Truss  
 (Reference Engineered Truss Drawing)  
 Do Not Erect Trusses Backwards

1 Truss Placement Plan  
 Scale: 3/16"=1'

Products					
PlotID	Length	Product	Plies	Net Qty	Fab Type
BM1	9' 0"	1-3/4"x 9-1/4" LVL Kerto-S	2	2	FF
BM2	8' 0"	1-3/4"x 9-1/4" LVL Kerto-S	2	2	FF
GDH	22' 0"	1-3/4"x 11-7/8" LVL Kerto-S	2	2	FF
BM3	16' 0"	1-3/4"x 11-7/8" LVL Kerto-S	2	2	FF
BM4	22' 0"	2x12 SP No.2	2	2	FF

Connector Information				Nail Information		
Sym	Product	Manuf	Qty	Supported Member	Header	Truss
[Blue Box]	HJC26	USP	1	Varies	16d/3-1/2"	10d/3"
[Blue Box]	HUS26	USP	8	Varies	16d/3-1/2"	16d/3-1/2"
[Yellow Box]	JUS24	USP	3	Varies	10d/3"	10d/3"
[Orange Box]	LSSH210	USP	4	Varies	Per Manufacturer	Per Manufacturer

All Truss Reactions are Less than 3,000 lbs. Unless Noted Otherwise.

○ -- Denotes Reaction Greater than 3,000 lbs. Reaction / # of Studs

**LOAD CHART FOR JACK STUDS**  
 (BASED ON TABLES R502.5(1) & (2))  
 NUMBER OF JACK STUDS REQUIRED @ EA END OF HEADERS/CHORDS

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

<b>BUILDER</b>	Precision Custom Homes	<b>COUNTY</b>	Harnett
<b>JOB NAME</b>	Lot 71 Magnolia Hills	<b>ADDRESS</b>	137 Virginia Pine Dr., Cameron, NC
<b>PLAN</b>	Menger w/2x6 Walls	<b>MODEL</b>	Roof
<b>SEAL DATE</b>	1/6/2025	<b>DATE REV.</b>	1/10/2025
<b>QUOTE #</b>	N/A	<b>DRAWN BY</b>	Neil Baggett
<b>JOB #</b>	J0125-0179	<b>SALESMAN</b>	Neil Baggett

**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 BCS-81 and BCS-83 provided with the truss delivery package or online @ sbcondustry.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: **Neil Baggett**

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