

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 Bob Lewis  
**Bob Lewis**

**LOAD CHART FOR JACK STUDS**

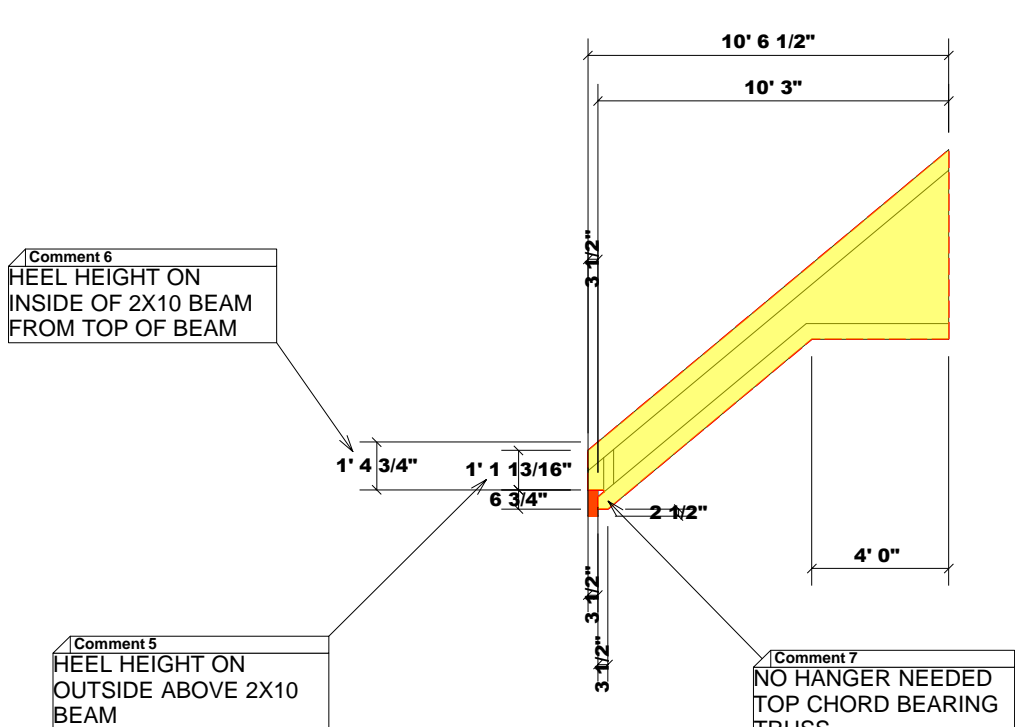
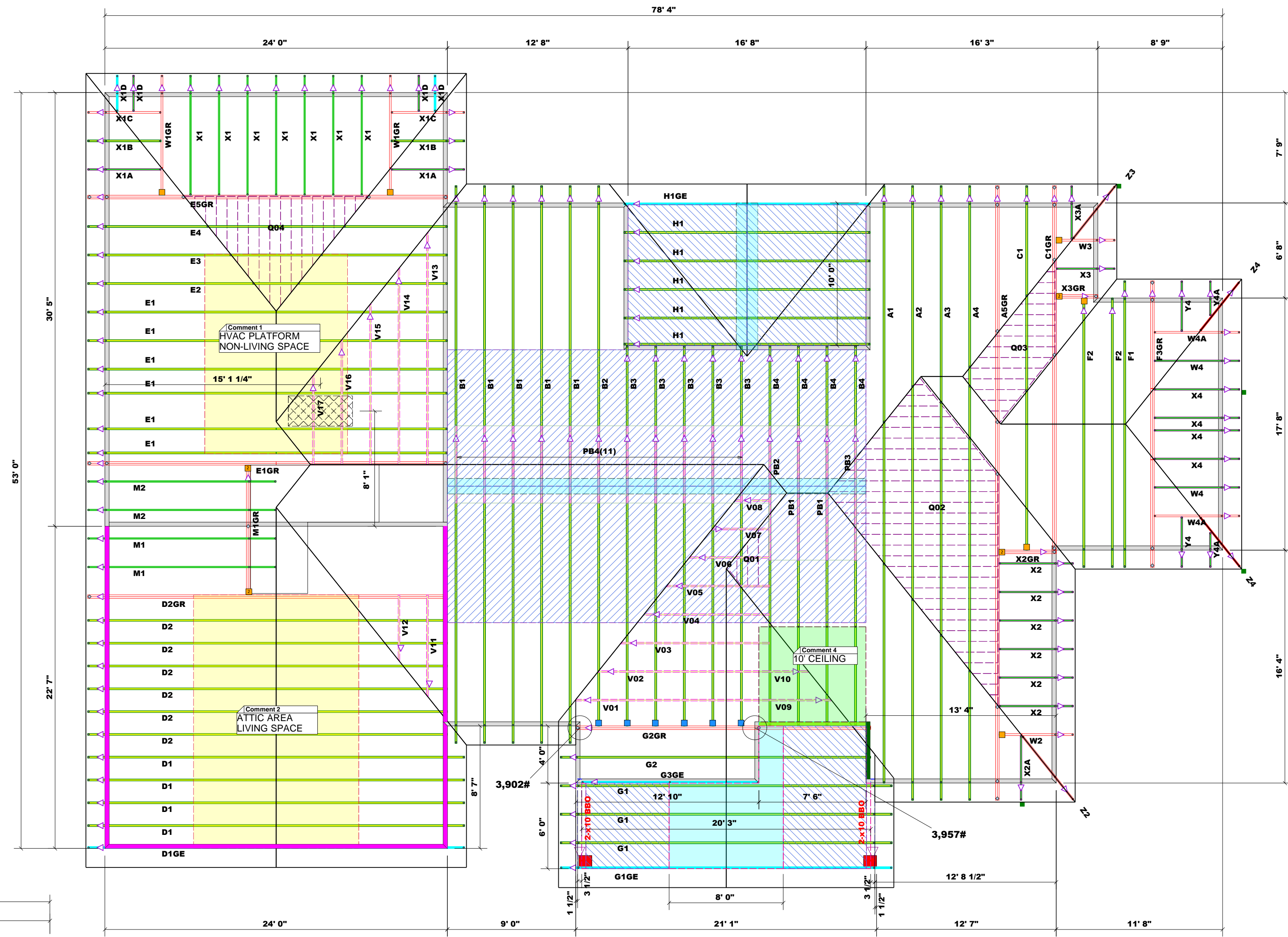
(BASED ON TABLES R502.5(1) & (b))  
NUMBER OF JACK STUDS REQUIRED @ EA END OF HEADER/GIRDER

END REACTION (UP TO)	REQ. D. STUDS FOR (1) 1/2" HEADER	END REACTION (UP TO)	REQ. D. STUDS FOR (1) 1/2" HEADER	END REACTION (UP TO)	REQ. D. STUDS FOR (1) 1/2" 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				

CITY / CO.	CAMERON / HARNETT
ADDRESS	228 FARLEY RD
MODEL	ROOF
DATE REV.	02/13/23
DRAWN BY	Bob Lewis
SALES REP.	Bob Lewis

BUILDER	AMERICAS HOME PLACE
JOB NAME	VILLEGAS/CARDILLO 14122023
PLAN	BERGLUND R
SEAL DATE	Seal Date
QUOTE #	Quote #
JOB #	J0223-0563

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



**Hatch Legend**

[Green Hatch]	10' Ceiling
[Cross-hatch]	25.5 x 54 Attic Access
[Pink Hatch]	Garage Walls Dropped 11 1/2"
[Light Green Hatch]	10' 1 1/8" Plate Height
[Dark Green Hatch]	Pad Wall Up 2.5 Inches
[Blue Hatch]	Tray Ceiling
[Diagonal Hatch]	Vaulted Ceiling

**Comment 3**  
**NO VENT OR EXTERIOR CHIMNEY OVER GAS FIREPLACE**

Connector Information				Nail Information		
Sym	Product	Manuf	Qty	Supported Member	Header	Truss
[Blue Box]	HUS26	USP	6	NA	16d/3-1/2"	16d/3-1/2"
[Orange Box]	JUS26	USP	6	NA	10d/3"	10d/3"
[Yellow Box]	JUS26-2	USP	4	NA	16d/3-1/2"	16d/3-1/2"

Roof Area = 4647.66 sq.ft.  
Ridge Line = 113.77 ft.  
Hip Line = 164.06 ft.  
Horiz. OH = 229.74 ft.  
Raked OH = 70.91 ft.  
Decking = 160 sheets

**Truss Placement Plan**  
SCALE: NTS

**▲ = Indicates Left End of Truss**  
**(Reference Engineered Truss Drawing)**  
**Do NOT Erect Truss Backwards**