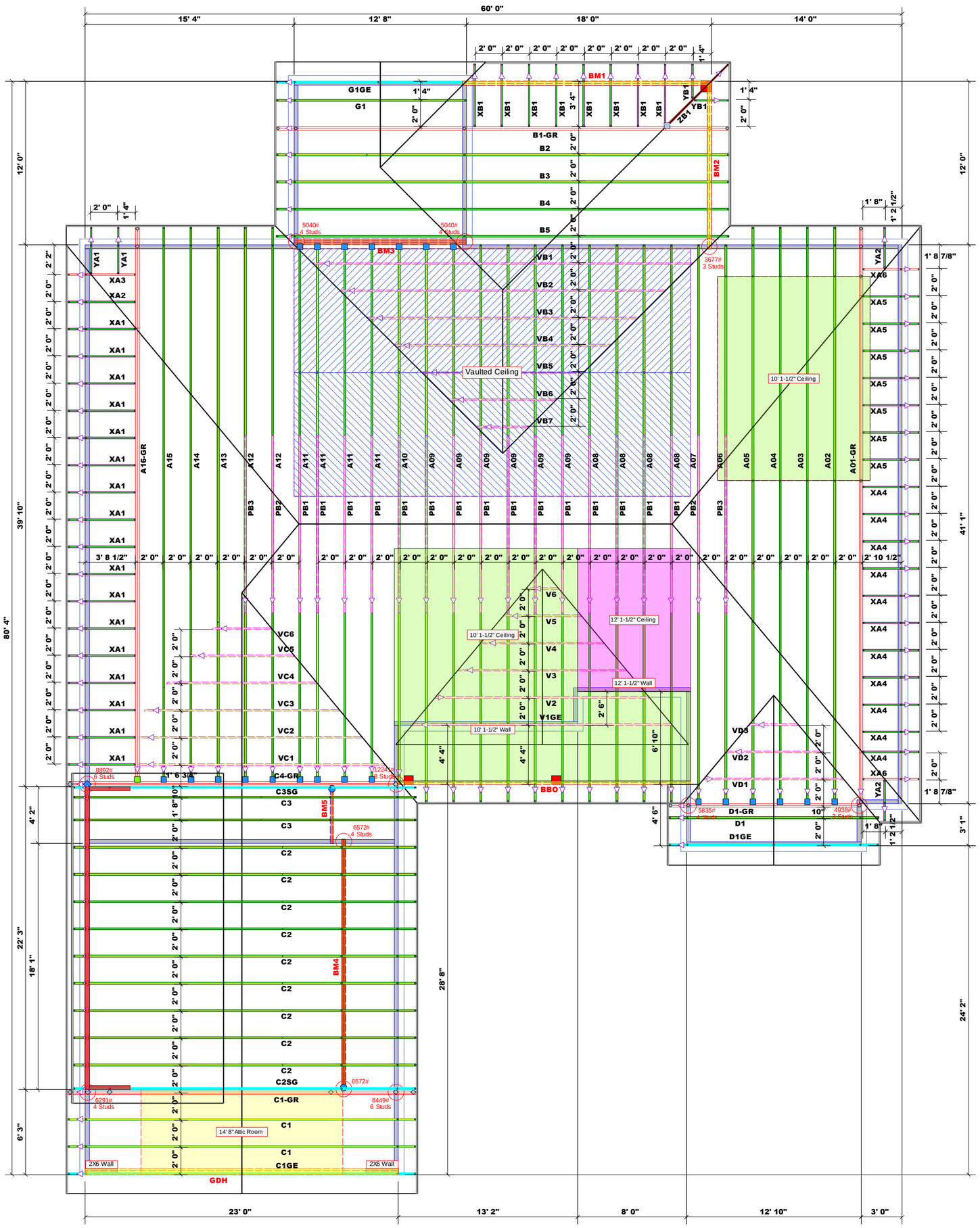

All Truss Reactions are Less than 3,000 lbs. Unless Noted Otherwise.

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

All Walls Are Considered 9' 1-1/2" Unless Otherwise Noted

All Walls Shown Are Considered Load Bearing

Roof Area	= 5424.68 sq.ft.
Ridge Line	= 103.81 ft.
Hip Line	= 149.69 ft.
Horiz. OH	= 233.27 ft.
Raked OH	= 117.87 ft.
Decking	= 186 sheets

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

Hatch Legend

- 10' 1-1/2" Ceilings & Walls
- 12' 1-1/2" Ceilings & Walls
- Second Floor Walls
- Vaulted Ceiling
- Drop Beam
- Flush Beam

Connector Information					Nail Information	
Sym	Product	Manuf	Qty	Supported Member	Header	Truss
■	HUS26	USP	22	NA	16d/3-1/2"	16d/3-1/2"
■	THD26-2	USP	1	NA	16d/3-1/2"	10d/3"
▦	HJC26	USP	1	Varies	16d/3-1/2"	10d/3"
●	HUS410	USP	2	NA	16d/3-1/2"	16d/3-1/2"
◆	RT16-2	USP	1	NA	8d/2-1/2"	8d/2-1/2"

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

▲= Denotes Left End of Truss (Reference Engineered Truss Drawing)

COMTECH
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 Jonathan Landry

Jonathan Landry

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 (3) PLY HEADER	END REACTION (UP TO)	REQ'D STUDS FOR (3) PLY HEADER	END REACTION (UP TO)	REQ'D STUDS FOR (4) 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				

BUILDER	Charles Moore
JOB NAME	Moore Residence
PLAN	Custom
SEAL DATE	N/A
QUOTE #	B0123-0323
JOB #	J0123-0323
SALES REP.	Dwayne Naylor
DRAWN BY	Jonathan Landry
DATE REV.	02/06/23
MODEL	Roof
ADDRESS	-
CITY / CO.	Harnett Co. / Harnett

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