



# 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 \_\_\_\_\_  
**Neil Baggett**

### 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	END REACTION (UP TO)	REQ. 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				

**Dimension Notes**

- All exterior wall to wall dimensions are to face of stud unless noted otherwise
- All interior wall dimensions are to face of stud unless noted otherwise
- All exterior wall to truss dimensions are to face of stud unless noted otherwise

**Plumbing Drop Notes**

- Plumbing drop locations shown are NOT exact.
- Contractor to verify ALL plumbing drop locations prior to setting Floor Trusses.
- Adjust spacing as needed not to exceed 24" oc.

**Hatch Legend**

	Vaulted Ceiling
	Padded HVAC
	2nd Floor Walls @ 8' 1 1/2" UNO
	Drop Beam
	Flush Beam

Roof Area = 2204.59 sq.ft.  
Ridge Line = 78.26 ft.  
Hip Line = 0 ft.  
Horiz. OH = 130.55 ft.  
Raked OH = 214.53 ft.  
Decking = 76 sheets

All Walls Shown Are Considered Load Bearing

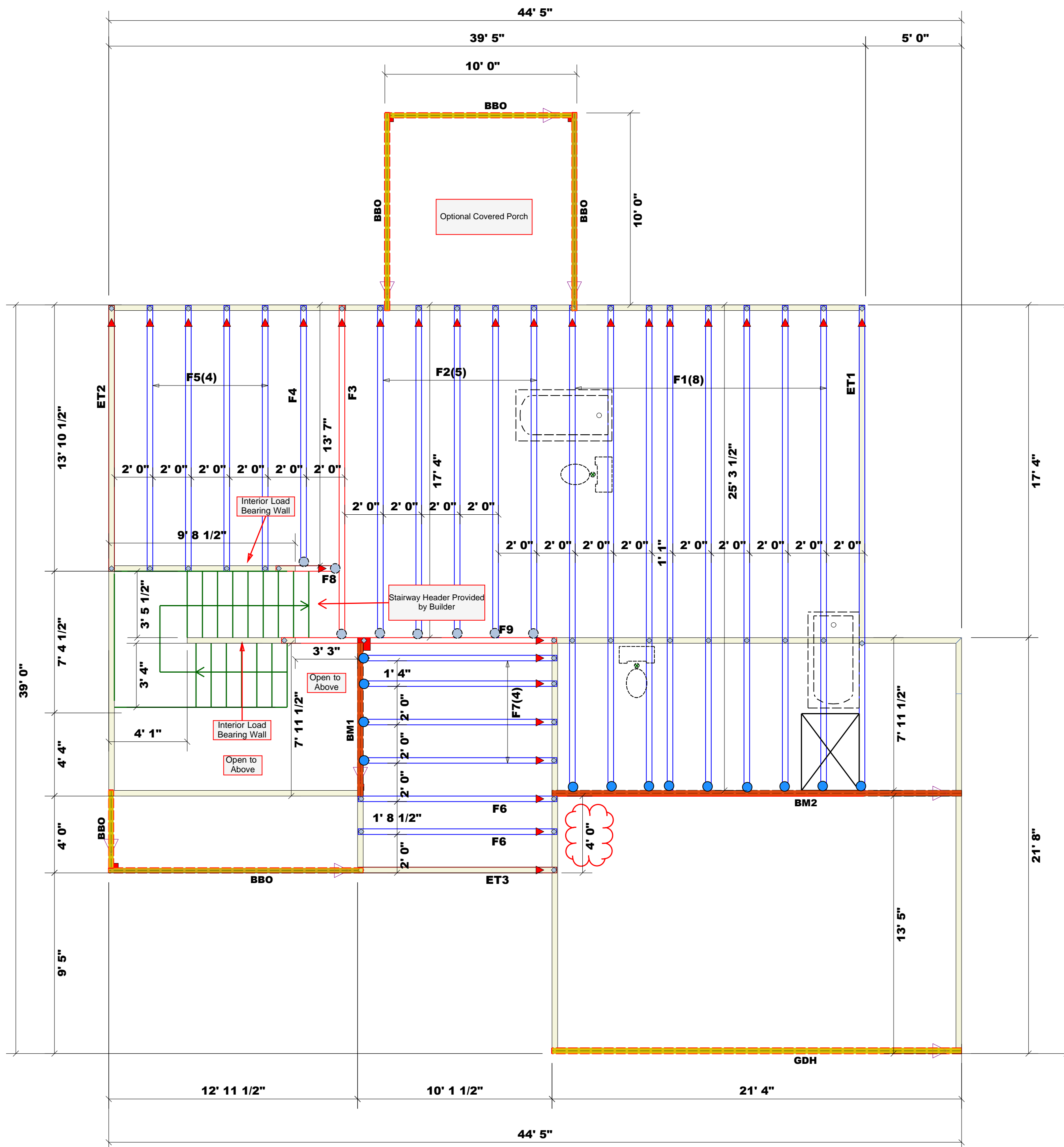
▲ = Indicates Left End of Truss (Reference Engineered Truss Drawing)  
Do Not Erect Trusses Backwards

1 Truss Placement Plan  
Scale: 1/4"=1'

Connector Information				Nail Information		
Sym	Product	Manuf	Qty	Supported Member	Header	Truss
	HUS410	USP	13	Varies	16d/3-1/2"	16d/3-1/2"
	MSH422	USP	8	Varies	10d/3"	10d/3"
	HUS26	USP	5	Varies	16d/3-1/2"	16d/3-1/2"

**Products**

PlotID	Length	Product	Plies	Net Qty	Fab Type
GDH	22' 0"	1-3/4"x 11-7/8" LVL Kerto-S	2	2	FF
BM1	8' 0"	1-3/4"x 14" LVL Kerto-S	2	2	FF
BM2	22' 0"	1-3/4"x 23-7/8" LVL Kerto-S	2	2	FF



BUILDER	JOB NAME	PLAN	SEAL DATE	QUOTE #	JOB #
Precision Custom Homes	Lot 58 Liberty Meadows	Rand 1.0	N/A	N/A	J0923-5135

COUNTY	ADDRESS	MODEL	DATE REV.	DRAWN BY	SALESMAN
Harnett	72 Rush Lane, Cameron, NC	Floor	11/7/2023	Neil Baggett	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 BCSI-B1 and BCSI-B3 provided with the truss delivery package or online @ sbciindustry.com



# 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  
**Neil Baggett**

### 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				

**Dimension Notes**

- All exterior wall to wall dimensions are to face of stud unless noted otherwise
- All interior wall dimensions are to face of stud unless noted otherwise
- All exterior wall to truss dimensions are to face of stud unless noted otherwise

**Plumbing Drop Notes**

- Plumbing drop locations shown are NOT exact.
- Contractor to verify ALL plumbing drop locations prior to setting Floor Trusses.
- Adjust spacing as needed not to exceed 24" oc.

**Hatch Legend**

	Vaulted Ceiling
	Padded HVAC
	2nd Floor Walls @ 8' 1 1/2" UNO
	Drop Beam
	Flush Beam

Roof Area = 2204.59 sq.ft.  
Ridge Line = 78.26 ft.  
Hip Line = 0 ft.  
Horiz. OH = 130.55 ft.  
Raked OH = 214.53 ft.  
Decking = 76 sheets

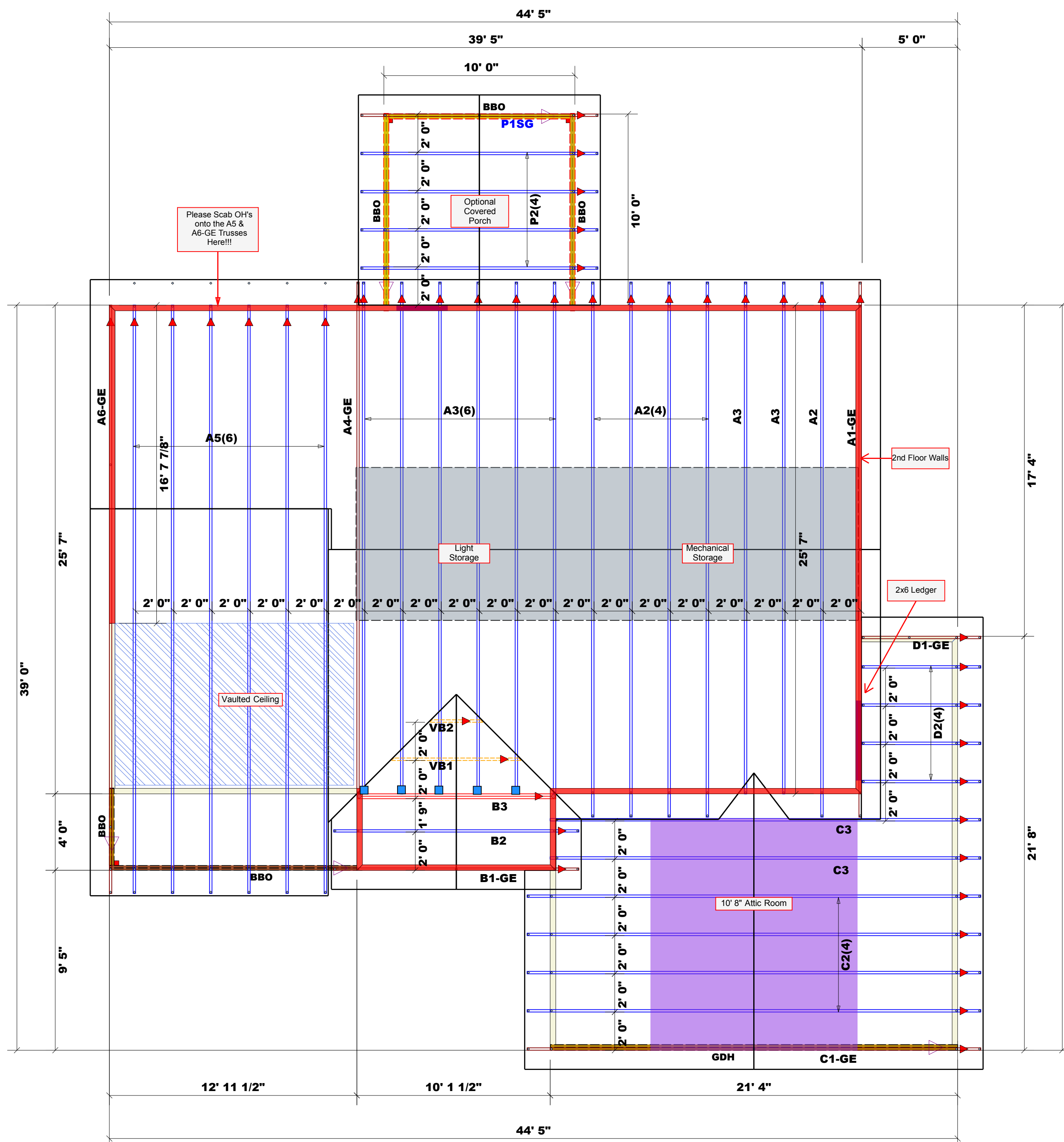
All Walls Shown Are Considered Load Bearing

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

1 Truss Placement Plan  
Scale: 1/4"=1'

Connector Information				Nail Information		
Sym	Product	Manuf Qty	Supported Member	Header	Truss	
●	HUS410	USP	13	Varies	16d/3-1/2"	16d/3-1/2"
●	MSH422	USP	8	Varies	10d/3"	10d/3"
●	HUS26	USP	5	Varies	16d/3-1/2"	16d/3-1/2"

Products					
PlotID	Length	Product	Piles	Net Qty	Fab Type
GDH	22' 0"	1-3/4"x 11-7/8" LVL Kerto-S	2	2	FF
BM1	8' 0"	1-3/4"x 14" LVL Kerto-S	2	2	FF
BM2	22' 0"	1-3/4"x 23-7/8" LVL Kerto-S	2	2	FF



Please Scab OH's onto the A5 & A6-GE Trusses Here!!!

Optional Covered Porch

2nd Floor Walls

2x6 Ledger

10' 8" Attic Room

BUILDER	JOB NAME	PLAN	SEAL DATE	QUOTE #	JOB #
Precision Custom Homes	Lot 58 Liberty Meadows	Rand 1.0	N/A	N/A	J0923-5134

COUNTY	ADDRESS	MODEL	DATE REV.	DRAWN BY	SALESMAN
Harnett	72 Rush Ln., Cameron, NC	Roof	11/7/2023	Neil Baggett	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 BCSI-B1 and BCSI-B3 provided with the truss delivery package or online @ sbciindustry.com