



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) FLOOR HEADER	END REACTION (UP TO)	REQ. STUDS FOR (1) FLOOR HEADER	END REACTION (UP TO)	REQ. STUDS FOR (1) FLOOR 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

Roof Area = 2787.76 sq.ft.
Ridge Line = 64.33 ft.
Hip Line = 0 ft.
Horiz. OH = 192 ft.
Raked OH = 320.62 ft.
Decking = 96 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'

Plumbing Drop Notes

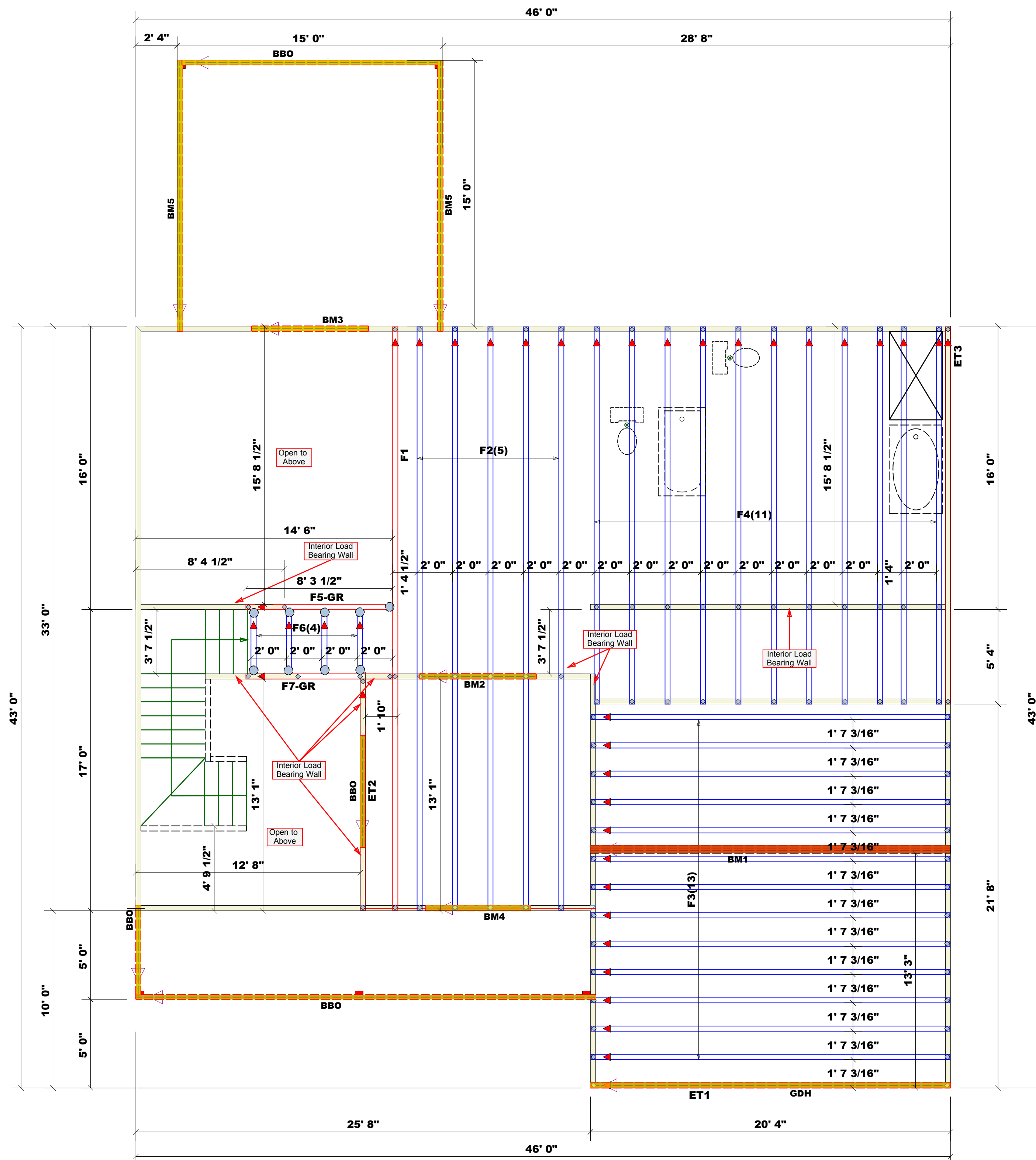
- Plumbing drop locations shown are NOT exact.
- Contractor to verify ALL plumbing drop locations prior to setting Floor Trusses.
- Adjust spacing as needed not to exceed 24"oc.

Connector Information				Nail Information	
Sym	Product	Manuf	Qty	Supported Member	Header / Truss
●	MSH422	USP	9	Varies	10d/3" / 10d/3"
■	JUS26	USP	10	Varies	10d/3" / 10d/3"
■	HUS26	USP	9	Varies	16d/3-1/2" / 16d/3-1/2"

Products					
PlotID	Length	Product	Plies	Net Qty	Fab Type
BM2	7' 0"	1-3/4"x 9-1/4" LVL Kerto-S	2	2	FF
BM3	7' 0"	1-3/4"x 9-1/4" LVL Kerto-S	2	2	FF
BM4	6' 0"	1-3/4"x 9-1/4" LVL Kerto-S	2	2	FF
BM5	16' 0"	1-3/4"x 11-7/8" LVL Kerto-S	2	4	FF
BM1	21' 0"	1-3/4"x 14" LVL Kerto-S	3	3	FF
GDH	21' 0"	1-3/4"x 16" LVL Kerto-S	2	2	FF

Hatch Legend

- Mechanical & Light Storage
- 2nd Floor Walls @ 8' 1 1/2" UNO
- Flush Beam
- Drop Beam



BUILDER	JOB NAME	PLAN	SEAL DATE	QUOTE #	JOB #
Precision Custom Homes & Renovations	Lot 27 Magnolia Hills	Rothbard 1.0 w/CP (15' x15')	1/13/2025	N/A	J1224-6957
COUNTY	ADDRESS	MODEL	DATE REV.	DRAWN BY	SALESMAN
Harnett	165 Mahogany Ct., Cameron, NC	Floor	1/14/2025	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 @ sbcindustry.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

Roof Area = 2787.76 sq.ft.
Ridge Line = 64.33 ft.
Hip Line = 0 ft.
Horiz. OH = 192 ft.
Raked OH = 320.62 ft.
Decking = 96 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'

Plumbing Drop Notes

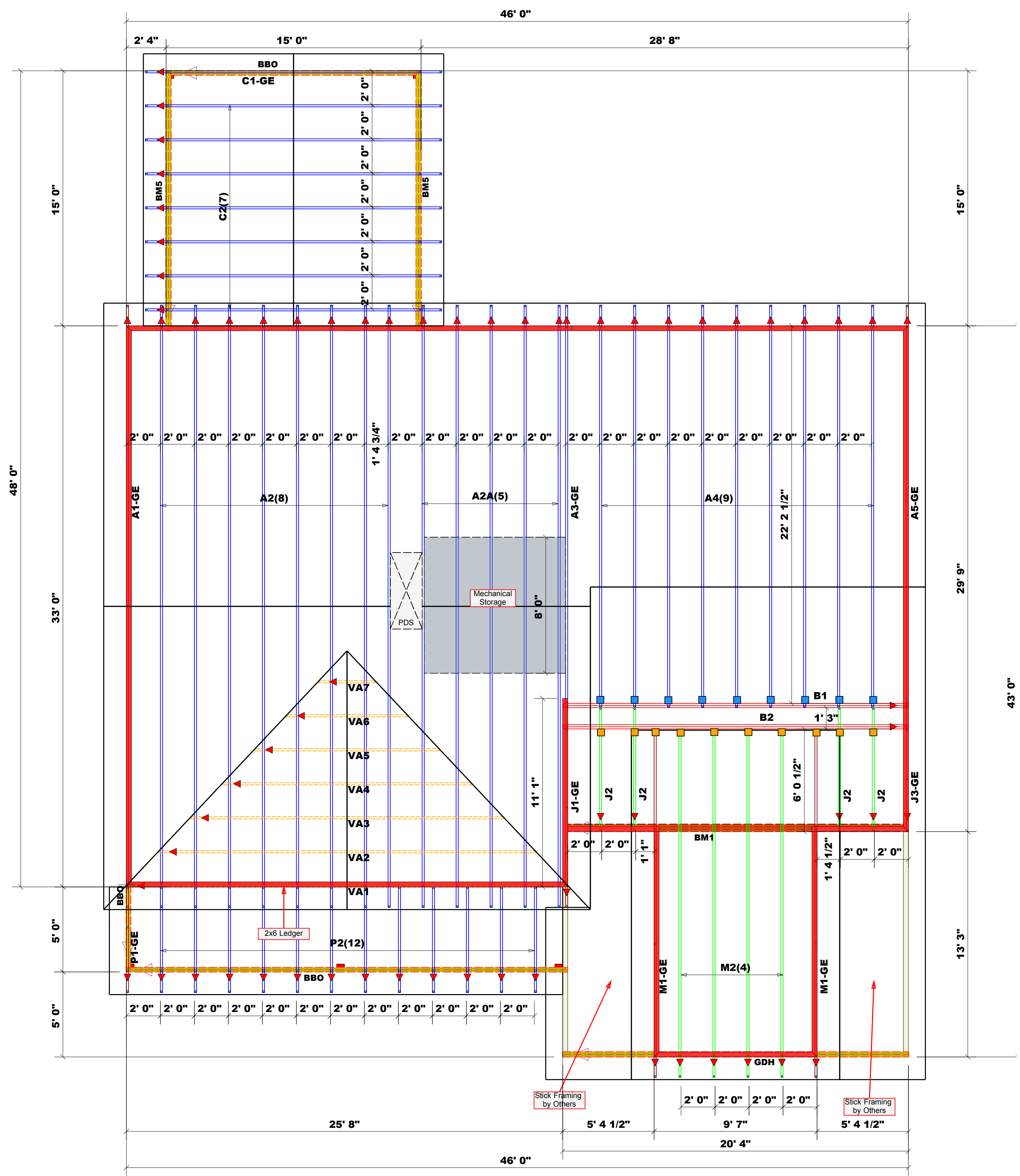
- Plumbing drop locations shown are NOT exact.
- Contractor to verify ALL plumbing drop locations prior to setting Floor Trusses.
- Adjust spacing as needed not to exceed 24"oc.

Connector Information				Nail Information	
Sym	Product	Manuf	Qty	Supported Member	Header / Truss
●	MSH422	USP	9	Varies	10d/3"
■	JUS26	USP	10	Varies	10d/3"
■	HUS26	USP	9	Varies	16d/3-1/2"

Products					
PlotID	Length	Product	Plies	Net Qty	Fab Type
BM2	7' 0"	1-3/4"x 9-1/4" LVL Kerto-S	2	2	FF
BM3	7' 0"	1-3/4"x 9-1/4" LVL Kerto-S	2	2	FF
BM4	6' 0"	1-3/4"x 9-1/4" LVL Kerto-S	2	2	FF
BM5	16' 0"	1-3/4"x 11-7/8" LVL Kerto-S	2	4	FF
BM1	21' 0"	1-3/4"x 14" LVL Kerto-S	3	3	FF
GDH	21' 0"	1-3/4"x 16" LVL Kerto-S	2	2	FF

Hatch Legend

- Mechanical & Light Storage
- 2nd Floor Walls @ 8' 1 1/2" UNO
- Flush Beam
- Drop Beam



BUILDER	JOB NAME	PLAN	SEAL DATE	QUOTE #	JOB #	COUNTY	ADDRESS	MODEL	DATE REV.	DRAWN BY	SALESMAN
Precision Custom Homes & Renovations	Lot 27 Magnolia Hills	Rothbard 1.0 w/CP (15'X15')	1/13/2025	N/A	J1224-6956	Harnett	165 Mahogany Ct., Cameron, NC	Roof	1/14/2025	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 @ sbcindustry.com