



# 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 David Landry

David 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 (1) FLY HEADER	END REACTION (UP TO)	REQ'D STUDS FOR (3) FLY HEADER	END REACTION (UP TO)	REQ'D STUDS FOR (4) FLY 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
1. All exterior wall to wall dimensions are to face of sheathing unless noted otherwise
  2. All interior wall dimensions are to face of frame wall unless noted otherwise
  3. All exterior wall to truss dimensions are to face of frame wall unless noted otherwise

All Walls Shown Are Considered Load Bearing

Roof Area = 2878.47 sq.ft.  
Ridge Line = 77.6 ft.  
Hip Line = 0 ft.  
Horiz. OH = 131.95 ft.  
Raked OH = 228.3 ft.  
Decking = 99 sheets

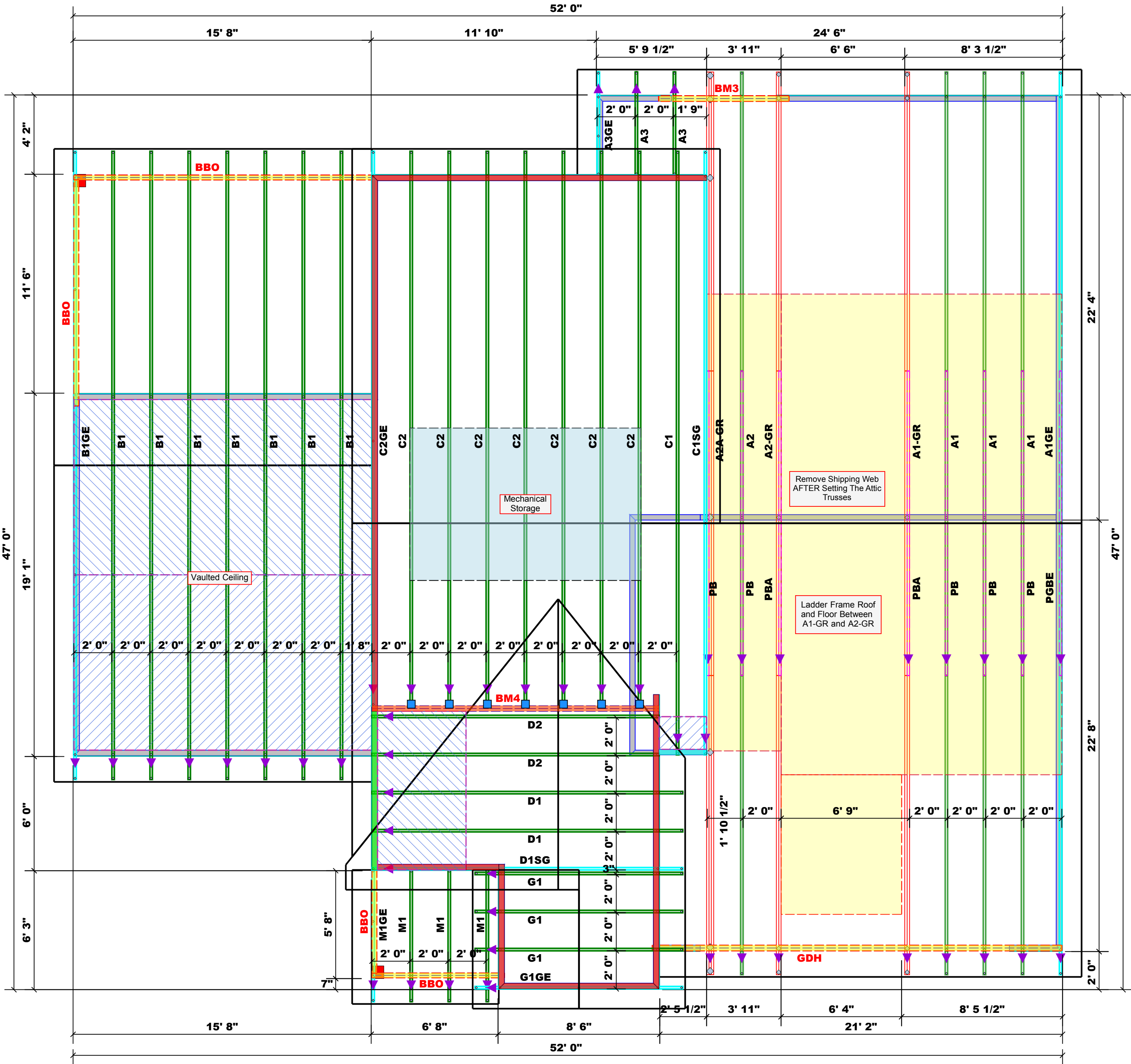
Hatch Legend	
	Box Storage
	6' 11-3/4" Walls
	14' 7-1/4" Walls
	2nd Floor Walls
	Vaulted Ceiling
	Drop Beam

Connector Information					Nail Information	
Sym	Product	Manuf	Qty	Supported Member	Header	Truss
	HUS26	USP	7	NA	16d/3-1/2"	16d/3-1/2"

Products - Field Framed				
PlotID	Length	Product	Plies	Net Qty
BM1	19' 0"	1-3/4"x 18" LVL Kerto-S	2	2
BM2	5' 0"	1-3/4"x 14" LVL Kerto-S	2	2
BM3	7' 0"	1-3/4"x 9-1/4" LVL Kerto-S	2	2
GDH	22' 0"	1-3/4"x 18" LVL Kerto-S	2	2

Products - Field Framed				
PlotID	Length	Product	Plies	Net Qty
BM4	16' 0"	1-3/4"x 14" LVL Kerto-S	2	2

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



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

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

BUILDER	JOB NAME	PLAN	SEAL DATE	QUOTE #	JOB #
Precision Custom Homes and Renovations	Lot 16 Magnolia Hills	Anconia	N/A		J1224-6433
CITY / CO.	ADDRESS	MODEL	DATE REV.	DRAWN BY	SALES REP.
Cameron / Harnett	Lot 16 Magnolia Hills	Roof	03/25/25	David Landry	Neil Baggett



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 David Landry

David 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 (1) FLY HEADER	END REACTION (UP TO)	REQ'D STUDS FOR (2) FLY HEADER	END REACTION (UP TO)	REQ'D STUDS FOR (4) FLY 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

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

All Walls Shown Are  
Considered Load Bearing

Plumbing Drop Notes

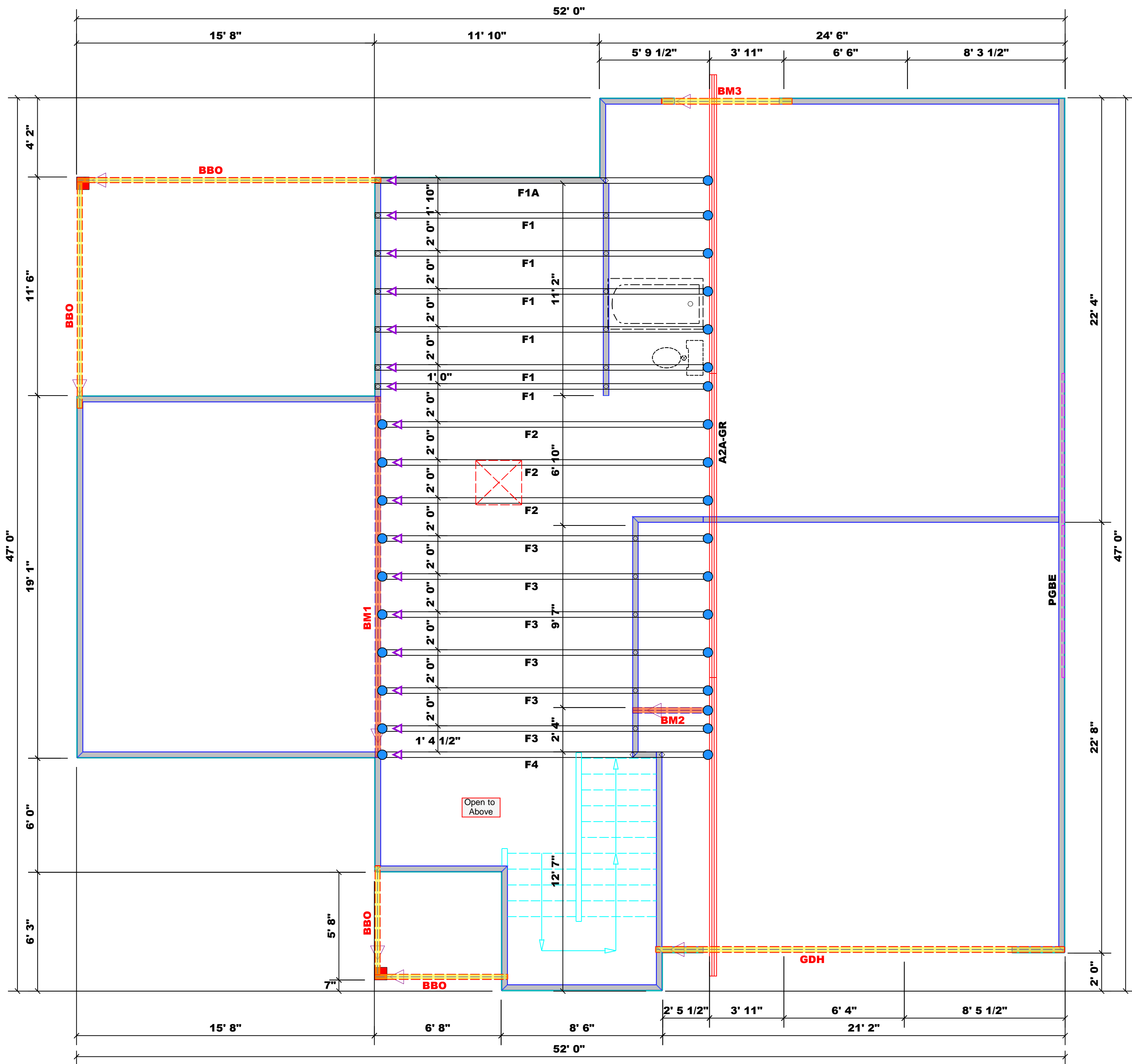
1. Plumbing drop locations shown are NOT exact.
2. Contractor to verify ALL plumbing drop locations prior to setting Floor Trusses.
3. Adjust spacing as needed not to exceed 24"oc.

Connector Information					Nail Information	
Sym	Product	Manuf	Qty	Supported Member	Header	Truss
●	HUS410	USP	28	NA	16d/3-1/2"	16d/3-1/2"

Products - Field Framed				
PlotID	Length	Product	Plies	Net Qty
BM1	19' 0"	1-3/4"x 18" LVL Kerto-S	2	2
BM2	5' 0"	1-3/4"x 14" LVL Kerto-S	2	2
BM3	7' 0"	1-3/4"x 9-1/4" LVL Kerto-S	2	2
GDH	22' 0"	1-3/4"x 18" LVL Kerto-S	2	2

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

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



BUILDER	Precision Custom Homes and Renovations	CITY / CO.	Cameron / Harnett
JOB NAME	Lot 16 Magnolia Hills	ADDRESS	Lot 16 Magnolia Hills
PLAN	Anconia	MODEL	Floor
SEAL DATE	Seal Date	DATE REV.	03/25/25
QUOTE #	Quote #	DRAWN BY	David Landry
JOB #	T1224-6434	SALES REP.	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