



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 _____
Sales Area

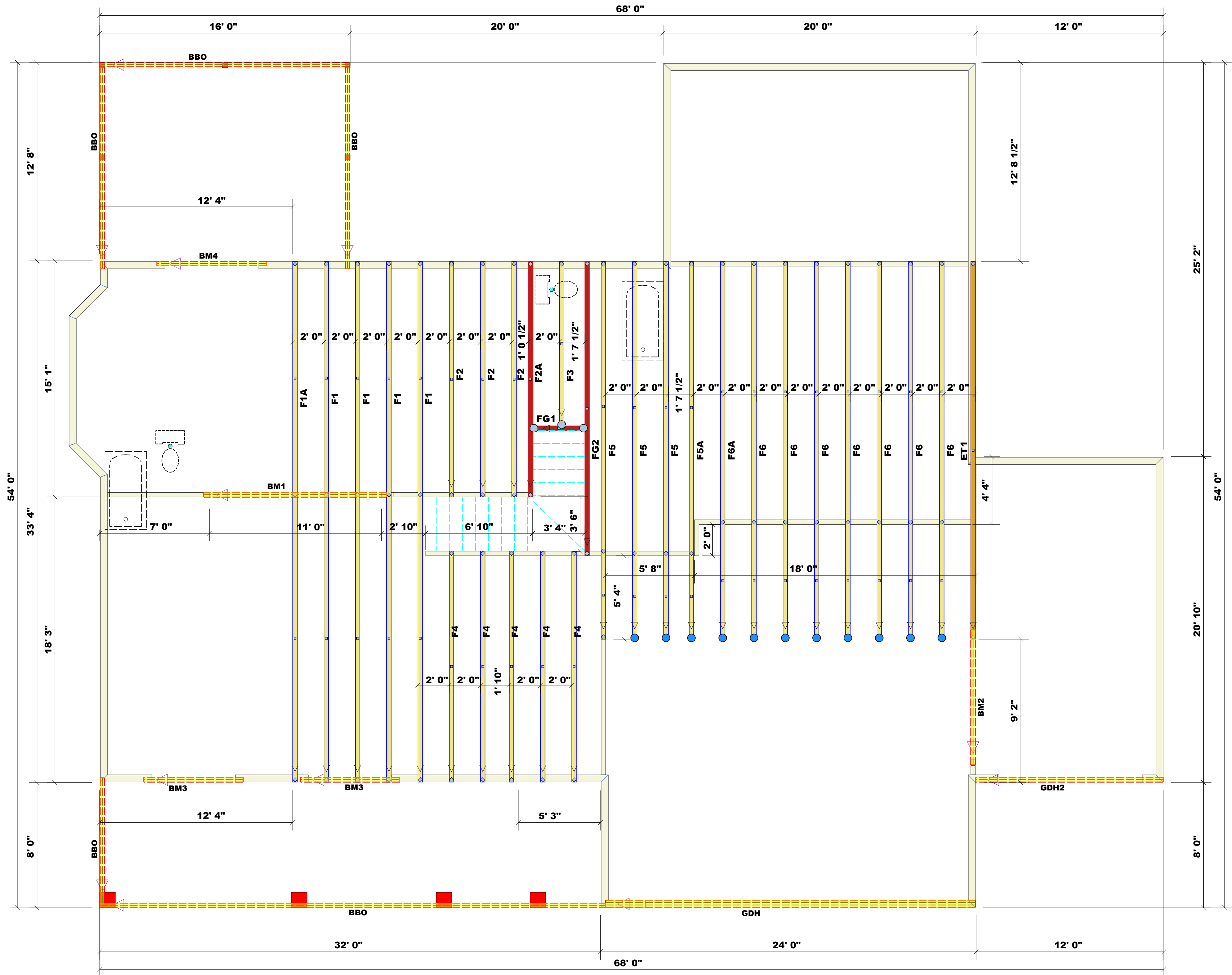
LOAD CHART FOR JACK STUDS

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

COUNTY	Cameron / Cumberland
ADDRESS	385 Alder Drive
MODEL	Floor
DATE REV.	11/7/25
DRAWN BY	Johnnie Baggett
SALESMAN	Neil Baggett
BUILDER	Precision Custom Homes
JOB NAME	Lot 50 Magnolia Hills
PLAN	Sarah
SEAL DATE	Seal Date
QUOTE #	
JOB #	252130 - B

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



Products					
PlotID	Length	Product	Plies	Net Qty	Fab Type
BM1	11' 8"	1-3/4"x 14" LVL Kerto-S	2	2	FF
BM2	8' 8"	1-3/4"x 11-7/8" LVL Kerto-S	2	2	FF
BM3	6' 4"	1-3/4"x 9-1/4" LVL Kerto-S	2	4	FF
BM4	7' 0"	2x10 SPF No.2	2	2	FF
GDH	23' 7 1/2"	1-3/4"x 11-7/8" LVL Kerto-S	3	3	FF
GDH2	12' 0"	1-3/4"x 11-7/8" LVL Kerto-S	2	2	FF

Plumbing Drop Notes

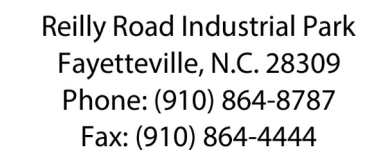
- Plumbing drop locations shown are NOT exact.
- Contractor to verify ALL plumbing drop locations prior to setting Floor Trusses.
- Adjust spacing as needed not to exceed 24"oc.

Dimension Notes

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

Connector Information					Nail Information	
Sym	Product	Manuf	Qty	Supported Member	Header	Truss
●	HUS410	USP	11	Varies	16d/3-1/2"	16d/3-1/2"
●	MSH422	USP	3	Varies	10d/3"	10d/3"

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



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

Sales Area

LOAD CHART FOR JACK STUDS

(BASED ON TABLES R502.5(1) & (b))

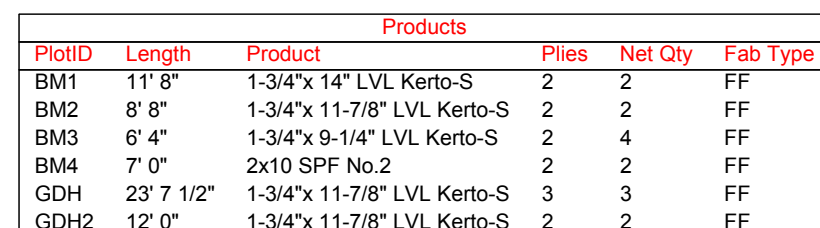
NUMBER OF JACK STUDS REQUIRED @ EA END OF
HEADER/GIRDER

END REACTION (UP TO) (1) STUDY FOR (2) JLY HEADER	END REACTION (UP TO) (3) JLY HEADER	END REACTION (UP TO) (4) STUDY FOR (5) JLY HEADER	END REACTION (UP TO) (6) STUDY FOR (7) JLY HEADER
1700 1	2550 1	3400	
3400 2	5100 2	6800 1	
5100 3	7650 3	10200	
6800 4	10200 4	13600	
8500 5	12750 5	17000	
10200 6	15300 6		
11900 7			
13600 8			
15300 9			

COUNTY	Cameron / Cumberland
ADDRESS	223 Myrtle Oak Drive
MODEL	Roof
DATE REV.	11/7/25
DRAWN BY	Johnnie Baggett
CALCULATED BY	Neil Barnett

BUILDER	Precision Custom Homes
JOB NAME	Lot 50 Magnolia Hills
PLAN	Sardh
SEAL DATE	Seal Date
QUOTE #	
JOB #	252130 - 4

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 design delivery package or online at sbindustry.com





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.

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

Roof Area	= 4234.58 sq.ft.
Ridge Line	= 134.13 ft.
Hip Line	= 0 ft.
Horiz. OH	= 224.39 ft.
Raked OH	= 311.89 ft.
Decking	= 146 sheets

Connector Information					Nail Information	
Sym	Product	Manuf	Qty	Supported Member	Header	Truss
	HUS26	USP	6	Varies	16d/3-1/2"	16d/3-1/2"
	THD26-2	USP	2	Varies	16d/3-1/2"	10d/3"