



# ROOF & FLOOR TRUSSES & BEAMS

Reilly Road Industrial Park  
Fayetteville, N.C. 28309  
Phone: (910) 864-8787  
Fax: (910) 864-4444

**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 @ sbindustry.com

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) (1) RLY HEADER	REQ'D STUDS FOR (2) RLY HEADER	END REACTION (UP TO) (3) RLY HEADER	END REACTION (UP TO) (4) RLY HEADER
1700	1	2550	1
3400	2	5100	2
5100	3	7650	3
6800	4	10200	4
8500	5	12750	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 I-joists.
- Adjust spacing as needed not to exceed 19.2" O.C.

**Hatch Legend**

- 2nd Floor Walls @ 8' 1 1/2"
- Flush Beam
- Drop Beam

Roof Area = 3393.28 sq.ft.  
Ridge Line = 90.93 ft.  
Hip Line = 0 ft.  
Horiz. OH = 200.89 ft.  
Raked OH = 261 ft.  
Decking = 117 sheets

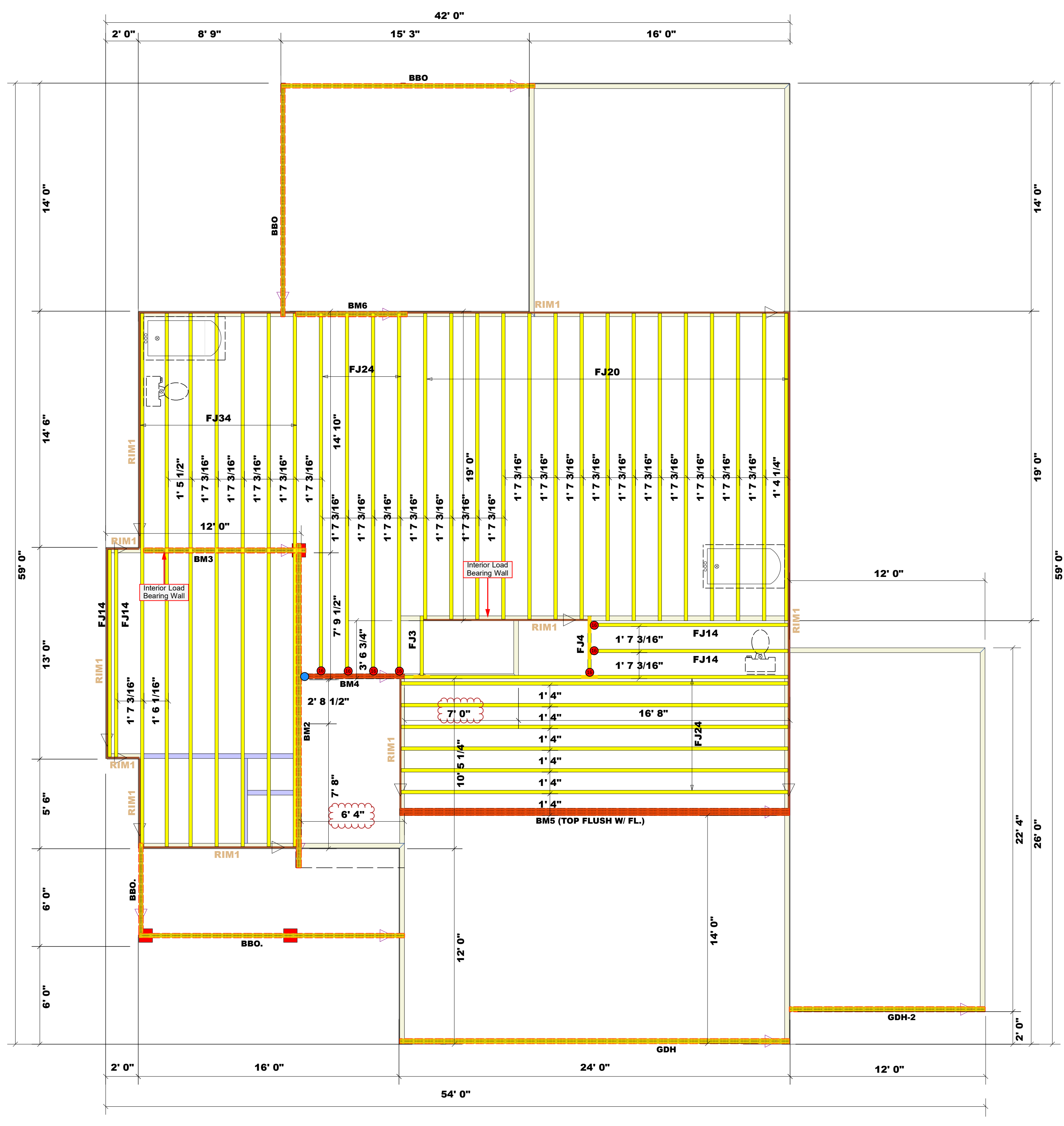
All Walls Shown Are Considered Load Bearing

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

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

ProdID	Length	Product	Piles	Net Qty	Fab Type
FJ34	34' 0"	16" NI-60	1	7	MFD
FJ24	24' 0"	16" NI-60	1	11	MFD
FJ20	20' 0"	16" NI-60	1	15	MFD
FJ14	14' 0"	16" NI-60	1	4	MFD
FJ3	4' 0"	16" NI-60	1	1	MFD
FJ4	4' 0"	16" NI-60	1	1	MFD
BM3	10' 0"	1-3/4" x 9-1/4" LVL Kerto-S	2	2	FF
BM6	7' 0"	1-3/4" x 9-1/4" LVL Kerto-S	2	2	FF
GDH	24' 0"	1-3/4" x 11-7/8" LVL Kerto-S	2	2	FF
GDH-2	12' 0"	1-3/4" x 11-7/8" LVL Kerto-S	2	2	FF
BM2	20' 0"	1-3/4" x 16" LVL Kerto-S	2	2	FF
BM4	7' 0"	1-3/4" x 16" LVL Kerto-S	2	2	FF
BM5 (TOP FLUSH W/ FL.)	24' 0"	1-3/4" x 23-7/8" LVL Kerto-S	3	3	FF
RIM1	12' 0"	1 1/8" x 16" Rim Board	1	12	FF

Connector Information				Nail Information		
Sym	Product	Manuf	Qty	Supported Member	Header	Truss
●	HUS410	USP	1	Varies	16d3-1/2"	16d3-1/2"
■	HUS26	USP	15	Varies	16d3-1/2"	16d3-1/2"
●	THF25160	USP	7	Varies	10d3"	10d1-1/2"
■	JUS24	USP	16	Varies	10d3"	10d3"



BUILDER	BEN STOUT REAL ESTATE	COUNTY	HARNETT
JOB NAME	LOT 17 FOREST RIDGE	ADDRESS	LOT 17 FOREST RIDGE
PLAN	BEAUMONT W/3RD CAR	MODEL	I-JOIST
SEAL DATE	4/23/2021	DATE REV.	7/29/2021
QUOTE #	N/A	DRAWN BY	NEIL BAGGETT
JOB #	J0421-2291	SALESMAN	MARSHALL NAYLOR