



**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 Curtis Quick  
**Curtis Quick**

**LOAD CHART FOR JACK STUDS**

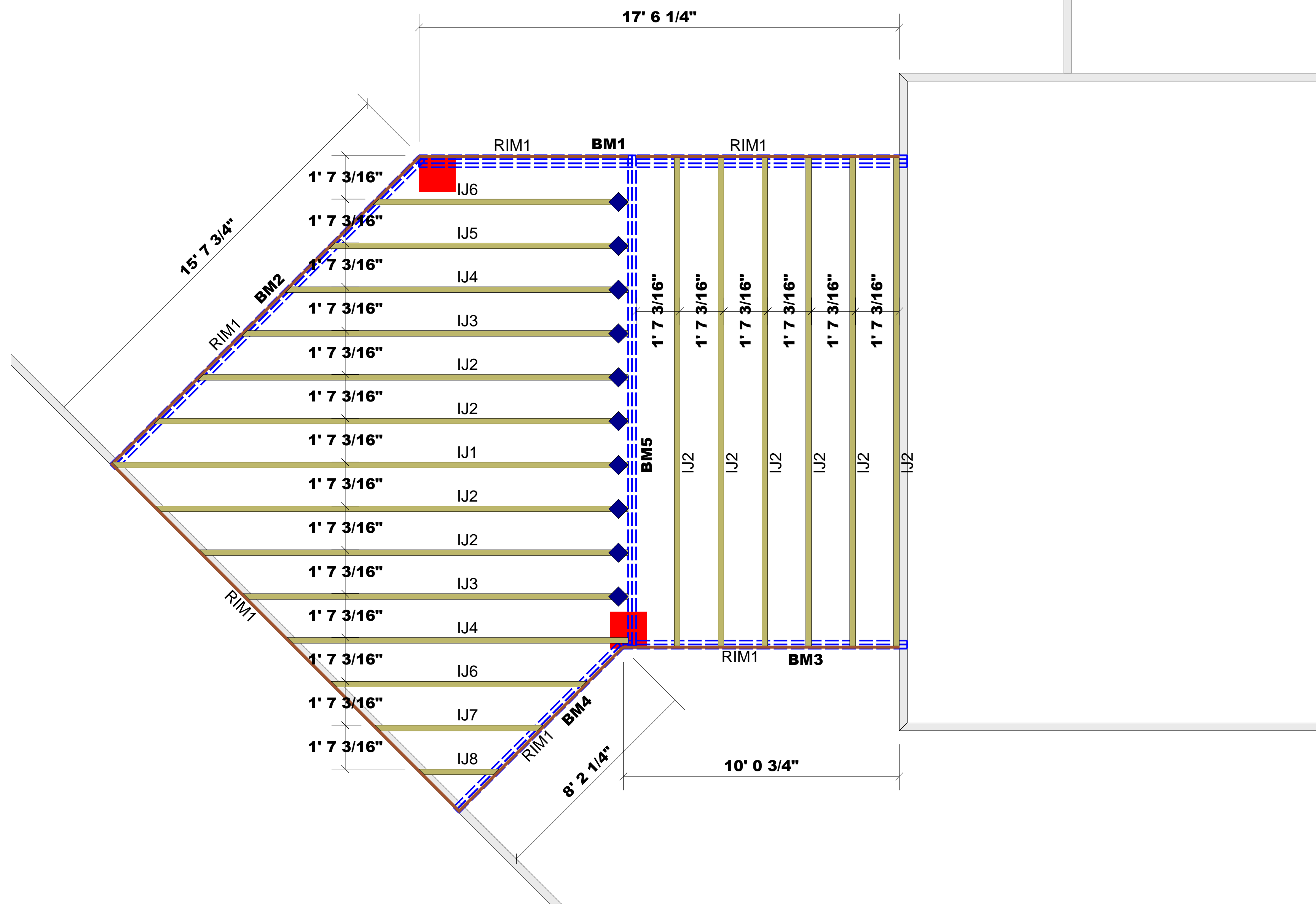
(BASED ON TABLES R502.5(1) & (b))  
 NUMBER OF JACK STUDS REQUIRED @ EA END OF HEADER/GIRDER

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

Wellco Contractors	Lillington / Harnett
Job Name	960 Cummings Rd.
Plan	Model
Seal Date	12/12/22
Quote #	Curtis Quick
Job #	Lenny Norris

BUILDER	Wellco Contractors
JOB NAME	Geszler-Hamlet Job
PLAN	Plan
SEAL DATE	Seal Date
QUOTE #	Quote #
JOB #	J1222-6117

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



**I-Joist Legend**

PlotID	Length	Product	Plies	Net Qty	Fab Type
IJ1	20' 0"	16" NI-60	1	1	MFD
IJ2	18' 0"	16" NI-60	1	10	MFD
IJ3	16' 0"	16" NI-60	1	2	MFD
IJ4	14' 0"	16" NI-60	1	2	MFD
IJ5	12' 0"	16" NI-60	1	1	MFD
IJ6	10' 0"	16" NI-60	1	2	MFD
IJ7	8' 0"	16" NI-60	1	1	MFD
IJ8	4' 0"	16" NI-60	1	1	MFD
RIM1	12' 0"	1 1/8" x 16" Rim Board	1	6	FF
		Web Stiffeners (16" NI-60)	1	20	Other

**HANGER LEGEND**

	= USP IHF2516 / I-Joist Hanger
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**Beam Legend**

PlotID	Length	Product	Plies	Net Qty	Fab Type
BM5	18' 0"	1-3/4"x 16" LVL Kerto-S	2	2	FF
BM1	18' 0"	1-3/4"x 16" LVL Kerto-S	3	3	FF
BM2	16' 0"	1-3/4"x 16" LVL Kerto-S	2	2	FF
BM3	11' 0"	1-3/4"x 16" LVL Kerto-S	2	2	FF
BM4	9' 0"	1-3/4"x 16" LVL Kerto-S	2	2	FF

**Truss Placement Plan**  
 SCALE: 3/8" = 1'