



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 **Christine Shivy**
 Christine Shivy

LOAD CHART FOR JACK STUDS

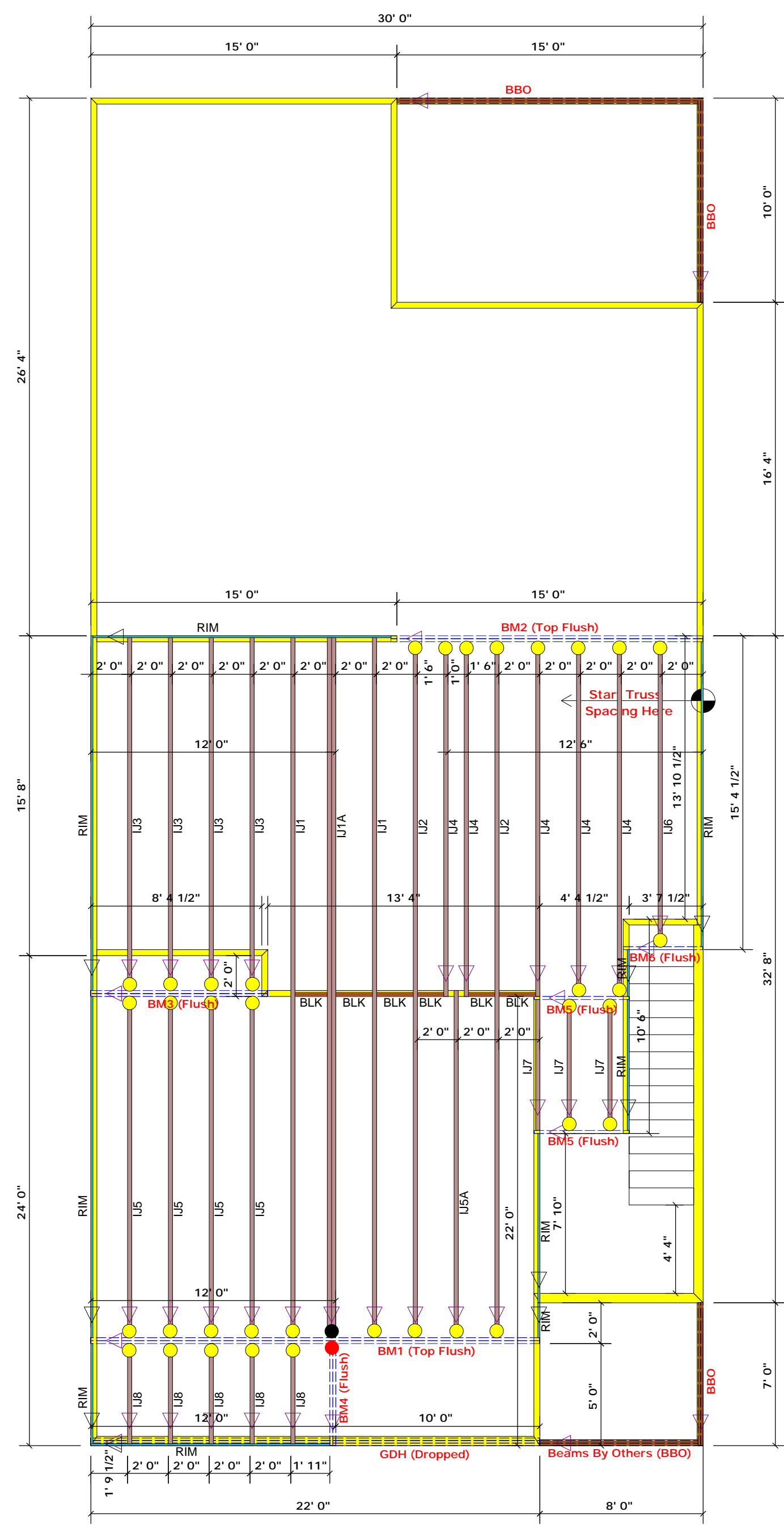
(BASED ON TABLES ROEHLIC 6 (B))

NUMBER OF JACK STUDS REQUIRED @ EA END OF HEADERS/STRIPS		NUMBER OF JACK STUDS REQUIRED @ EA END OF HEADERS/STRIPS		NUMBER OF JACK STUDS REQUIRED @ EA END OF HEADERS/STRIPS	
END REACTION (IP TO)	REQ'D STUDS FOR (IP TO)	END REACTION (IP TO)	REQ'D STUDS FOR (IP TO)	END REACTION (IP TO)	REQ'D STUDS FOR (IP TO)
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				

CITY / CO.	Cameron / Harnett
ADDRESS	123 Bow Common Way
MODEL	I-Joist
DATE REV.	/ /
DRAWN BY	Christine Shivy
SALES REP.	Scott Duncan

BUILDING	Cates Building
JOB NAME	Lot 696 Manors at Lexington Plantation
PLAN	CC-2308 K
SEAL DATE	6/17/20
QUOTE #	Quote #
JOB #	J0821-4828

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.



- = IHF2514 (Qty. 37)
- = THF25140-2 (Qty. 1)
- = THD410 (Qty. 1)

Products					
PlotID	Length	Product	Plies	Net Qty	Fab Type
IJ1	34' 3 3/8"	14" NI-40x	1	2	MFD
IJ1A	34' 3 3/8"	14" NI-40x	2	2	MFD
IJ2	34' 1 1/8"	14" NI-40x	1	2	MFD
IJ4	17' 4 1/2"	14" NI-40x	1	5	MFD
IJ3	17' 3 3/8"	14" NI-40x	1	4	MFD
IJ5A	17' 0"	14" NI-40x	1	1	MFD
IJ5	16' 8 5/8"	14" NI-40x	1	4	MFD
IJ6	14' 11 1/4"	14" NI-40x	1	1	MFD
IJ7	6' 5 1/16"	14" NI-40x	1	3	MFD
IJ8	4' 10 7/8"	14" NI-40x	1	5	MFD
BM3 (Flush)	9' 0"	1-3/4"x 14" LVL Kerto-S	2	2	FF
BM5 (Flush)	5' 0"	1-3/4"x 14" LVL Kerto-S	1	2	FF
BM4 (Flush)	5' 0"	1-3/4"x 14" LVL Kerto-S	2	2	FF
BM6 (Flush)	4' 0"	1-3/4"x 14" LVL Kerto-S	1	1	FF
BM2 (Top Flush)	16' 0"	1-3/4"x 18" LVL Kerto-S	2	2	FF
BM1 (Top Flush)	22' 0"	1-3/4"x 23-7/8" LVL Kerto-S	2	2	FF
GDH (Dropped)	22' 0"	2x12 SP No.2	3	3	FF
RIM	12' 0"	1 1/8" x 14" Rim Board	1	9	FF
BLK	2' 0"	14" NI-40x	1	6	FF

Truss Placement Plan
SCALE: 3/16" = 1'-0"