



**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 ECSI-11 and ECSI-13 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

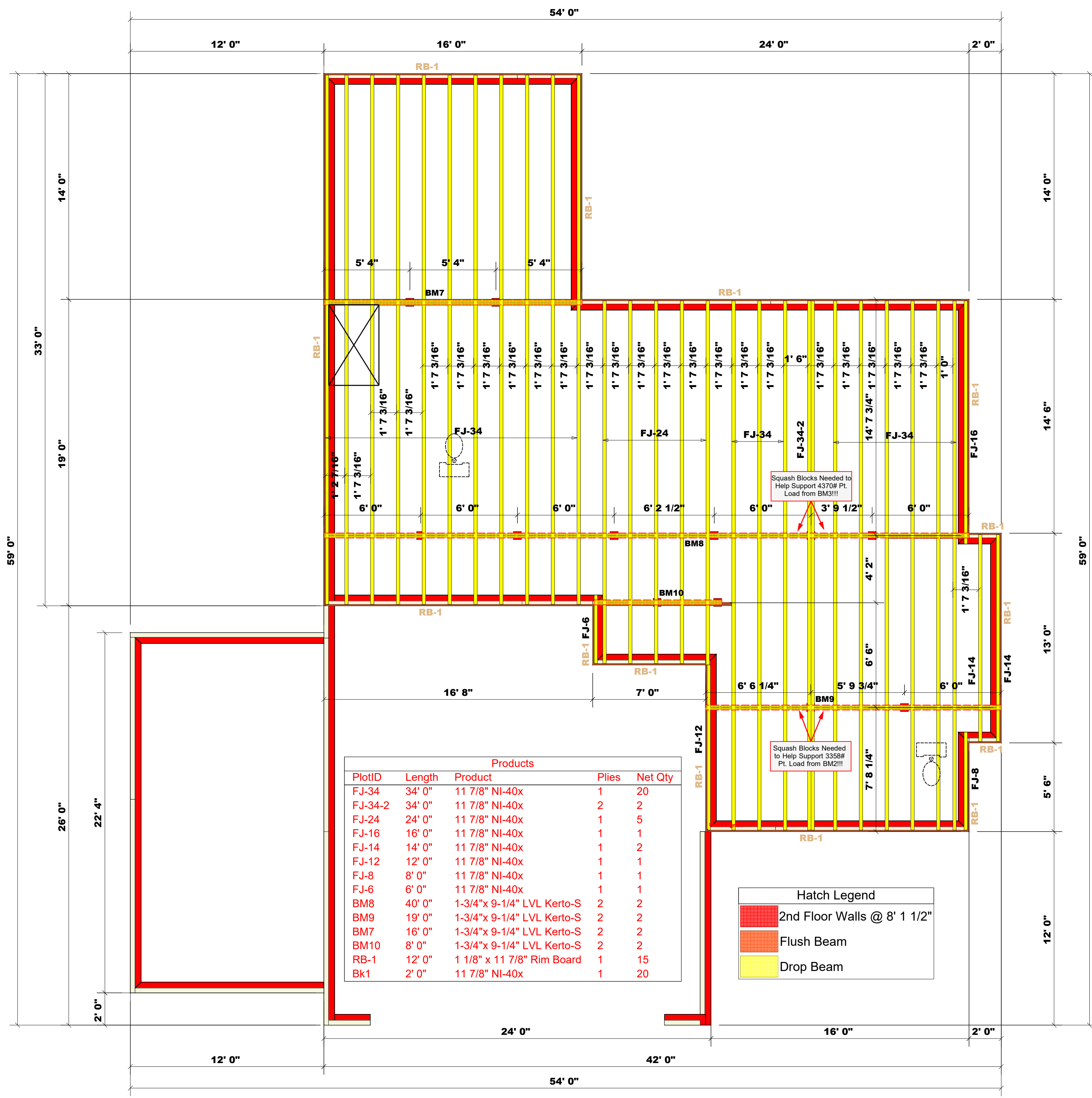
**LOAD CHART FOR JACK STUDS**

(BASED ON TABLES R502.5(1) & (2))  
 NUMBER OF JACK STUDS REQUIRED @ EA END OF HEADER/GRIBER

END REACTION (UP TO)	REQ'D STUDS FOR (2) RLY HEADER	END REACTION (UP TO)	REQ'D STUDS FOR (3) RLY HEADER	END REACTION (UP TO)	REQ'D STUDS FOR (4) RLY 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	ADDRESS	MODEL	DATE REV.	DRAWN BY	SALESMAN
Harnett	Lot 17 Forest Ridge	Crawl I-Joist	4/27/2021	Neil Baggett	Marshall Naylor

BUILDER	JOB NAME	PLAN	SEAL DATE	QUOTE #	JOB #
Ben Stout Real Estate	Lot 17 Forest Ridge	Beaumont w/3rd Car	4/23/2021	N/A	J0421-2289



PlotID	Length	Product	Plies	Net Qty
FJ-34	34' 0"	11 7/8" NI-40x	1	20
FJ-34-2	34' 0"	11 7/8" NI-40x	2	2
FJ-24	24' 0"	11 7/8" NI-40x	1	5
FJ-16	16' 0"	11 7/8" NI-40x	1	1
FJ-14	14' 0"	11 7/8" NI-40x	1	2
FJ-12	12' 0"	11 7/8" NI-40x	1	1
FJ-8	8' 0"	11 7/8" NI-40x	1	1
FJ-6	6' 0"	11 7/8" NI-40x	1	1
BM8	40' 0"	1-3/4"x 9-1/4" LVL Kerto-S	2	2
BM9	19' 0"	1-3/4"x 9-1/4" LVL Kerto-S	2	2
BM7	16' 0"	1-3/4"x 9-1/4" LVL Kerto-S	2	2
BM10	8' 0"	1-3/4"x 9-1/4" LVL Kerto-S	2	2
RB-1	12' 0"	1 1/8" x 11 7/8" Rim Board	1	15
Bk1	2' 0"	11 7/8" NI-40x	1	20

**Hatch Legend**

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