



# ROOF & FLOOR TRUSSES & BEAMS

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

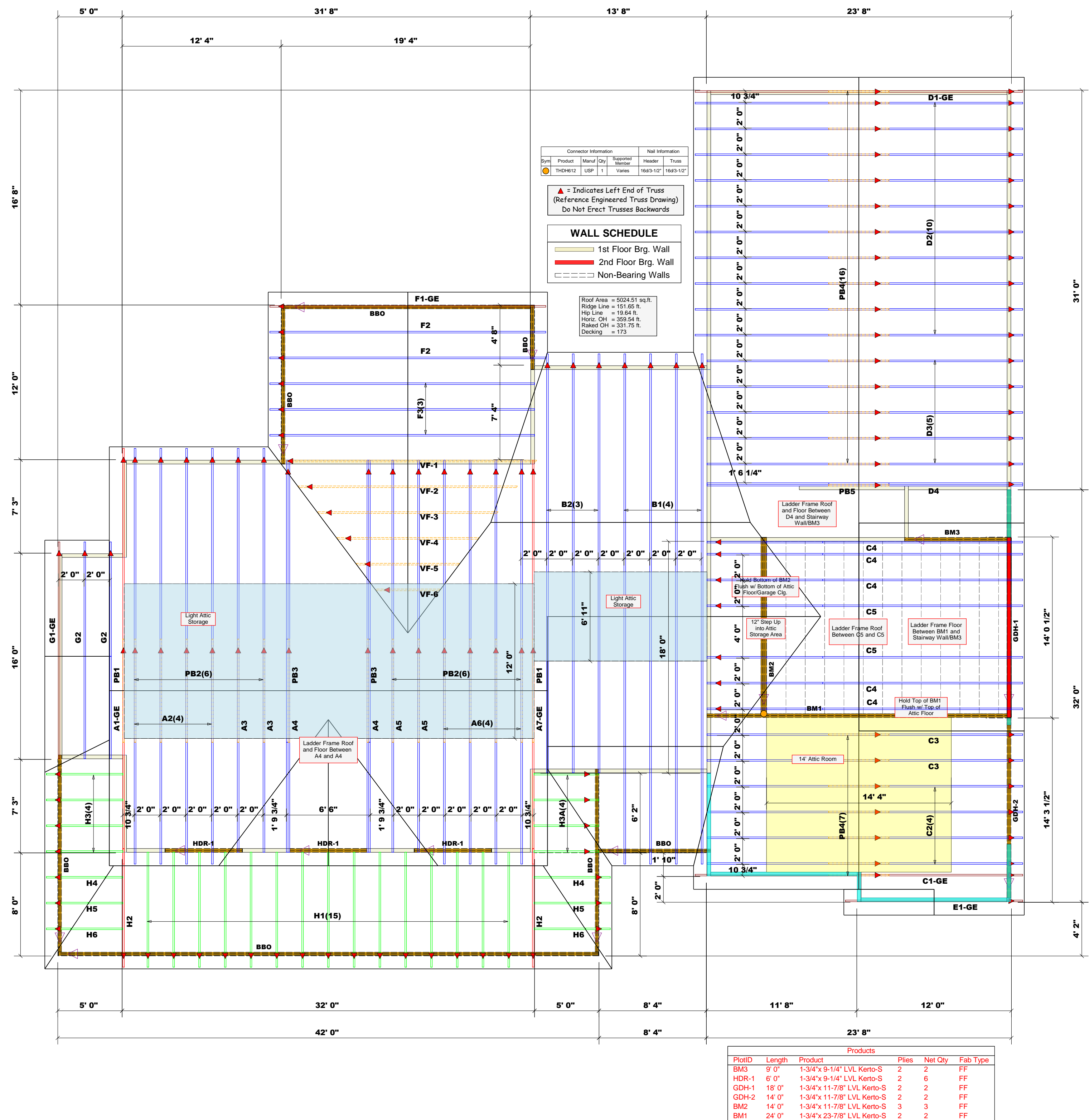
Bearing reactions less than or equal to 3000# are deemed to comply with the prescriptive Code requirements. The contractor shall refer to the attached Tables ( derived from the prescriptive Code requirements ) to determine the minimum foundation size and number of wood studs required to support reactions 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  
**Anthony Williams**

### 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) 1/2" HEADER	END REACTION (UP TO)	REQ. D. STUDS FOR (1) 1/2" HEADER	END REACTION (UP TO)	REQ. D. STUDS FOR (1) 1/2" 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				



**Products**

PlotID	Length	Product	Piles	Net Qty	Fab Type
BM3	9' 0"	1-3/4" x 9-1/4" LVL Kerto-S	2	2	FF
HDR-1	6' 0"	1-3/4" x 9-1/4" LVL Kerto-S	2	6	FF
GDH-1	18' 0"	1-3/4" x 11-7/8" LVL Kerto-S	2	2	FF
GDH-2	14' 0"	1-3/4" x 11-7/8" LVL Kerto-S	2	2	FF
BM2	14' 0"	1-3/4" x 11-7/8" LVL Kerto-S	3	3	FF
BM1	24' 0"	1-3/4" x 23-7/8" LVL Kerto-S	2	2	FF

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

BUILDER	JOB NAME	PLAN	SEAL DATE	QUOTE #	JOB #	COUNTY	ADDRESS	MODEL	DATE REV.	DRAWN BY	SALESMAN
Signature Home Builders	6085 Cool Springs Rd	Custom	NA	NA	J0324-1345	Harnett County	6085 Cool Springs Rd / Broadway, NC	Roof	3/21/24	Anthony Williams	Anthony Williams

**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 @ sbciindustry.com