



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

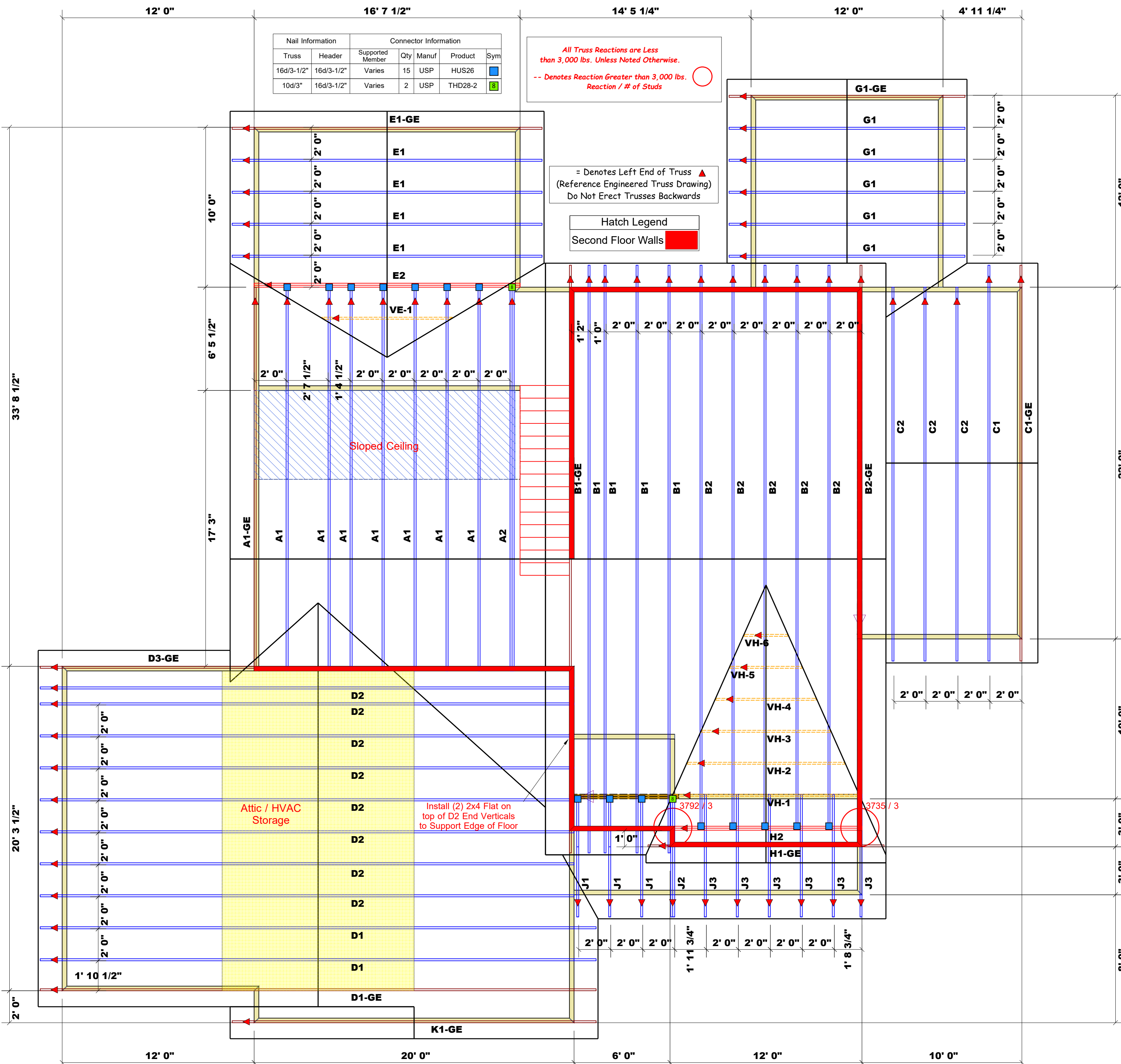
(BASED ON TABLES R502.5(1) & (b))
NUMBER OF JACK STUDS REQUIRED @ EA END OF HEADER/GIRDER

END REACTION (UP TO)	REQ'D STUDS FOR (1) PLY HEADER	END REACTION (UP TO)	REQ'D STUDS FOR (2) PLY HEADER	END REACTION (UP TO)	REQ'D STUDS FOR (4) 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				

BUILDER	Watermark Homes	Harnett
JOB NAME	Lot 129 Ballard Woods	Lot 129 Ballard Woods
PLAN	The Ginko	Roof
SEAL DATE	01/26/2018	8/4/22
QUOTE #		Anthony Williams
JOB #	J0822-3956	Anthony Williams

COUNTY	Harnett
ADDRESS	Lot 129 Ballard Woods
MODEL	Roof
DATE REV.	8/4/22
DRAWN BY	Anthony Williams
SALESMAN	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 @ sbcindustry.com



Nail Information		Connector Information				
Truss	Header	Supported Member	Qty	Manuf	Product	Sym
16d/3-1/2"	16d/3-1/2"	Varies	15	USP	HUS26	
10d/3"	16d/3-1/2"	Varies	2	USP	THD28-2	

All Truss Reactions are Less than 3,000 lbs. Unless Noted Otherwise.
-- Denotes Reaction Greater than 3,000 lbs. Reaction / # of Studs

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

Hatch Legend
Second Floor Walls

Truss Placement Plan
SCALE: 1/4" = 1'-0"



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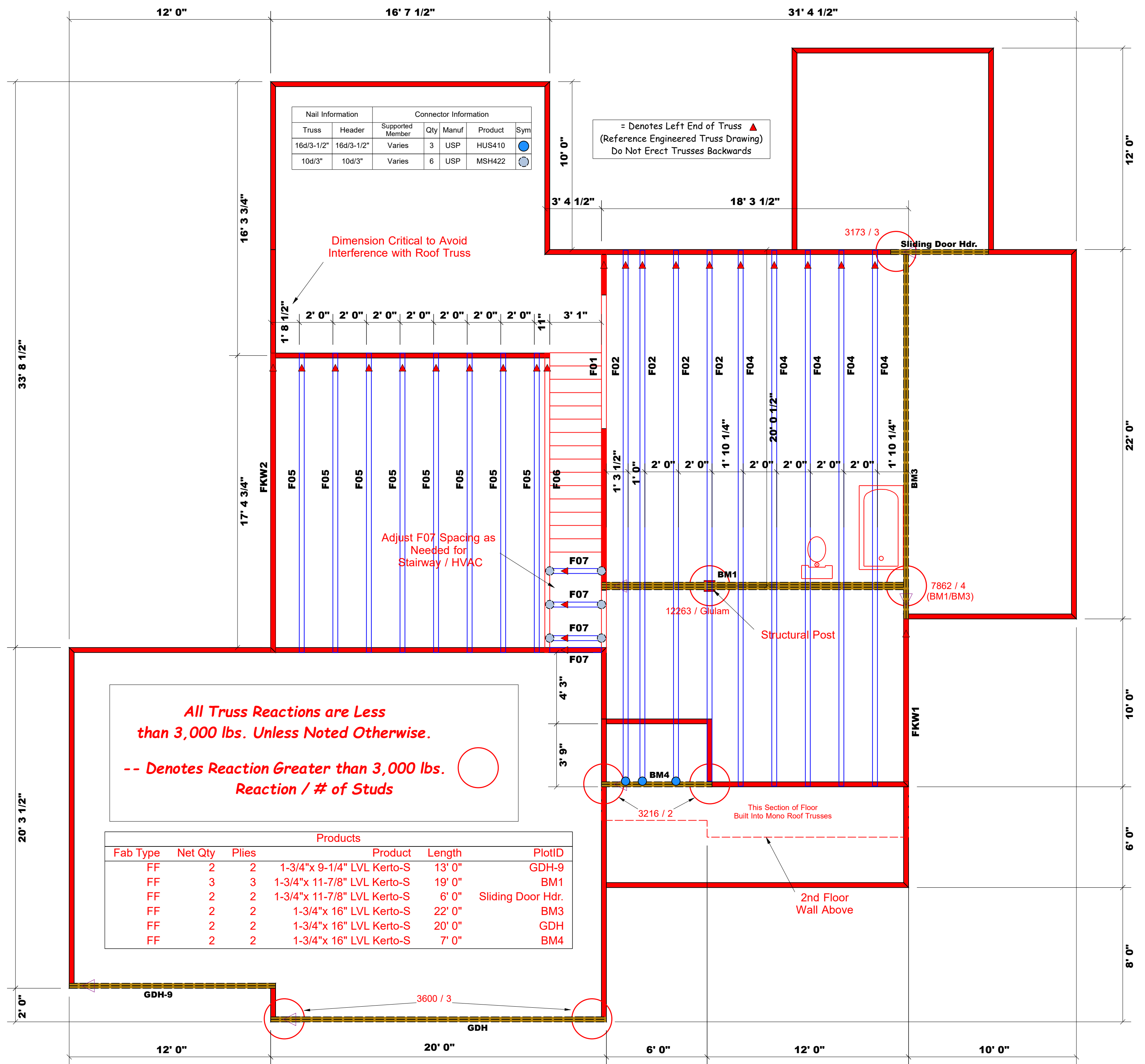
LOAD CHART FOR JACK STUDS

(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				

BUILDER	Watermark Homes	COUNTY	Harnett
JOB NAME	Lot 129 Ballard Woods	ADDRESS	Lot 129 Ballard Woods
PLAN	The Ginko	MODEL	Floor
SEAL DATE	1/26/18	DATE REV.	11/27/18
QUOTE #		DRAWN BY	Anthony Williams
JOB #	J0822-3958	SALESMAN	Anthony Williams

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Nail Information		Connector Information				
Truss	Header	Supported Member	Qty	Manuf	Product	Sym
16d/3-1/2"	16d/3-1/2"	Varies	3	USP	HUS410	⊙
10d/3"	10d/3"	Varies	6	USP	MSH422	⊙

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

Dimension Critical to Avoid Interference with Roof Truss

Adjust F07 Spacing as Needed for Stairway / HVAC

All Truss Reactions are Less than 3,000 lbs. Unless Noted Otherwise.

-- Denotes Reaction Greater than 3,000 lbs. Reaction / # of Studs

Products						
Fab Type	Net Qty	Plies	Product	Length	PlotID	
FF	2	2	1-3/4"x 9-1/4" LVL Kerto-S	13' 0"	GDH-9	
FF	3	3	1-3/4"x 11-7/8" LVL Kerto-S	19' 0"	BM1	
FF	2	2	1-3/4"x 11-7/8" LVL Kerto-S	6' 0"	Sliding Door Hdr.	
FF	2	2	1-3/4"x 16" LVL Kerto-S	22' 0"	BM3	
FF	2	2	1-3/4"x 16" LVL Kerto-S	20' 0"	GDH	
FF	2	2	1-3/4"x 16" LVL Kerto-S	7' 0"	BM4	

Truss Placement Plan
SCALE: 1/4" = 1'-0"