



ROOF & FLOOR TRUSSES & BEAMS

Reilly Road Industrial Park
Fayetteville, N.C. 28309
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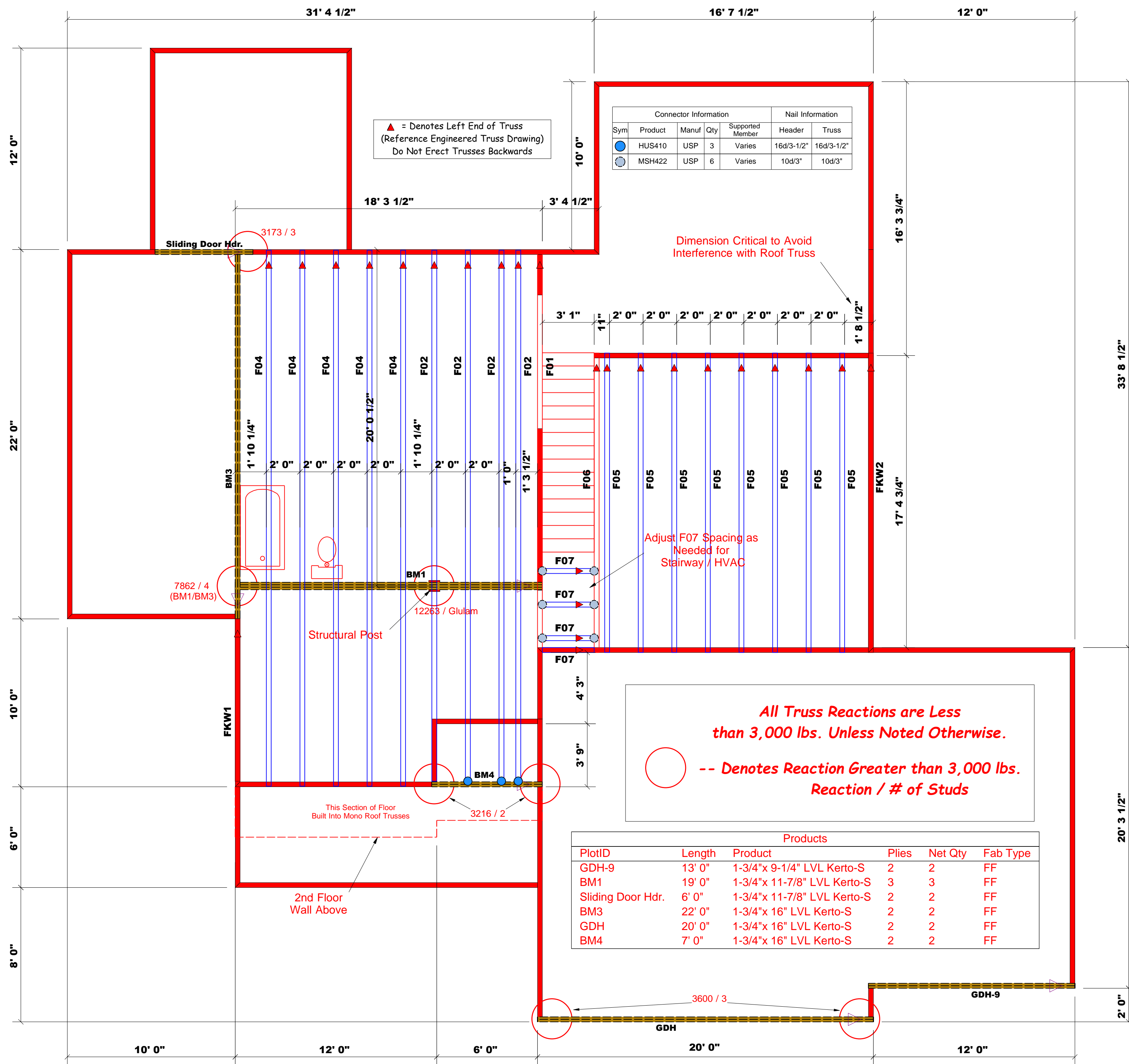
Bearing reactions less than or equal to 3000# are deemed to comply with the prescriptive Code requirements. The contractor shall refer to the attached Tables (derived from the prescriptive Code requirements) to determine the minimum foundation size and number of wood studs required to support reactions 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. STUDS FOR (1) 1/2" HEADER	END REACTION (UP TO)	REQ. STUDS FOR (1) 1/2" HEADER	END REACTION (UP TO)	REQ. 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				



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

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

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

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

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

BUILDER	JOB NAME	PLAN	SEAL DATE	QUOTE #	JOB #
Watermark Homes	Lot 90 South Creek	The Ginkgo	Plan Date: 3/15/23		JO423-1518
COUNTY	ADDRESS	MODEL	DATE REV.	DRAWN BY	SALESMAN
Harnett	Lot 90 South Creek	Floor	4/4/23	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 @ sbcindustry.com