



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" X 4" HEADER	END REACTION (UP TO)	REQ'D STUDS FOR (1) 1" X 4" HEADER	END REACTION (UP TO)	REQ'D STUDS FOR (1) 1" X 4" 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				

▲ - Indicates Left End of Truss  
(Reference Engineered Truss Drawing)  
Do Not Erect Trusses Backwards

Roof Area = 3636.85 sq.ft.  
Ridge Line = 98.13 ft.  
Hip Line = 0 ft.  
Horiz. OH = 88.09 ft.  
Raked OH = 231.54 ft.  
Decking = 125 sheets

Dimension Notes  
1. All exterior wall to wall dimensions are to face of sheathing unless noted otherwise.  
2. All interior wall dimensions are to face of stud unless noted otherwise.  
3. All exterior wall to truss dimensions are to face of stud unless noted otherwise.

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

BEAM SCHEDULE

PicID	Length	Product	Pieces	Net Qty	Fab Type
HDR-1	6' 0"	1-3/4"x 9-1/4" LVL Kerto-S	2	2	FF
HDR-2	6' 0"	1-3/4"x 9-1/4" LVL Kerto-S	2	2	FF
HDR-3	6' 0"	1-3/4"x 9-1/4" LVL Kerto-S	2	2	FF
GDH-18	24' 0"	1-3/4"x 14" LVL Kerto-S	2	2	FF

Connector Information					Nail Information	
Sym	Product	Manuf	Qty	Supported Member	Header	Truss
■	HUS26	USP	1	NA	16d/3-1/2"	16d/3-1/2"

