



Bearing reactions less than or equal to 3000#f 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#f 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#f.

## LOAD CHART FOR JACK STUDS

(BASED ON TABLES R502.5(1) & (b))

NUMBER OF JACK STUDS REQUIRED & EA END OF  
HEADER/GUIDER

END REACTION (UP TO)	REQ'D STUDS FOR (3) JLY HEADER	END REACTION (UP TO)	REQ'D STUDS FOR (3) JLY HEADER	END REACTION (UP TO)	REQ'D STUDS FOR (4) JLY HEADS
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				

<b>CITY / CO.</b>	Lillington / Harnett
<b>ADDRESS</b>	441 Black Duck Lane
<b>MODEL</b>	Floor
<b>DATE REV.</b>	8/7/25
<b>DRAWN BY</b>	Johnnie Baggett
<b>SALES REP.</b>	Scot Duncan

<b>BUILDER</b>	Caviness & Cates Communities
<b>JOB NAME</b>	Lot 75 Duck Landing
<b>PLAN</b>	CC1885 2nd Floor I Joist Floor
<b>SEAL DATE</b>	Seal Date
<b>QUOTE #</b>	Quote #
<b>JOB #</b>	250115-B



**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 BCBSI-B1 and BCBSI-B3 provided with the truss delivery package or online at [sbindustry.com](http://sbindustry.com)



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

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

Products				
PlotID	Length	Product	Plies	Net Qty
FJ1	25' 0"	14" TJI® 210	1	9
FJ2	22' 0"	14" TJI® 210	1	3
FJ3	18' 0"	14" TJI® 210	1	12
FJ4	17' 0"	14" TJI® 210	1	9
FJ5	15' 0"	14" TJI® 210	1	4
FJ6	12' 0"	14" TJI® 210	1	1
FJ7	8' 0"	14" TJI® 210	1	1
FJ8	4' 0"	14" TJI® 210	1	7
FJ9	2' 0"	14" TJI® 210	1	1
FB1	6' 3"	1-3/4"x 9-1/4" LVL Kerto-S	2	2
DB1	5' 8"	1-3/4"x 9-1/4" LVL Kerto-S	2	2
GDH	19' 4"	1-3/4"x 14" LVL Kerto-S	3	3
FB2	7' 11 5/16"	1-3/4"x 14" LVL Kerto-S	2	2
FB3	4' 0"	1-3/4"x 14" LVL Kerto-S	2	2
FB4	19' 11"	1-3/4"x 23-7/8" LVL Kerto-S	2	2
RIM1	12' 0"	1 1/8" x 14" TJI® Rim Board	1	12
Bk1	2' 0"	14" TJI® 210	1	9

Connector Information					Nail Information	
Sym	Product	Manuf	Qty	Supported Member	Header	Truss
	IHF2514	USP	37	NA	10d/3"	10d/3"
	THD410	USP	1	NA	16d/3-1/2"	10d/3"

 = Indicates Left End of Truss  
( Reference Engineered Truss Drawing )  
**Do NOT Erect Truss Backwards**