



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

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

-- Denotes Reaction Greater than 3,000 lbs.

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

### HANGER LEGEND

■	= USP MSH422 / Strap Hanger
◆	= USP JUS414 / Single 4x Hanger

### Beam Legend

PlotID	Length	Product	Plies	Net Qty	Fab Type
BM3	9' 0"	1-3/4"x 11-7/8" LVL Kerto-S	2	2	FF
GDH	22' 0"	1-3/4"x 16" LVL Kerto-S	3	3	FF
BM1	14' 0"	1-3/4"x 16" LVL Kerto-S	2	2	FF
BM2	10' 0"	1-3/4"x 16" LVL Kerto-S	2	2	FF

### LOAD CHART FOR JACK STUDS

(BASED ON TABLES R502.5(1) & (2))  
NUMBER OF JACK STUDS REQUIRED @ EA END OF  
HEADS/GUDES

END REACTION (UP TO)	END REACTION (UP TO)	END REACTION (UP TO)
1700	2550	3400
3400	5100	6800
5100	7650	10200
6800	10200	13600
8500	12750	17000
10200	15300	
11900		
13600		
15300		

BUILDER	Weaver Homes, Inc.	CITY / CO.	Lillington / Harnett
JOB NAME	Graves Residence	ADDRESS	Site Address
PLAN	Custom	MODEL	Floor
SEAL DATE	Seal Date	DATE REV.	05/16/25
QUOTE #	Quote #	DRAWN BY	Curtis Quick
JOB #	J0425-2359	SALES REP.	Lenny Norris

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

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 Curtis Quick  
Curtis Quick



### ROOF & FLOOR TRUSSES & BEAMS

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