



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

-- Denotes Reaction Greater than 3,000 lbs.

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

Truss Placement Plan
SCALE: 3/16" = 1'

HANGER LEGEND

■	= USP THD28-2 / Double 2x Hanger
●	= USP HUS26 / Single 2x Hanger

Beam Legend

PlotID	Length	Product	Plies	Net Qty
BM1	8' 0"	1-3/4"x 9-1/4" LVL Kerto-S	2	2
BM2	6' 0"	1-3/4"x 9-1/4" LVL Kerto-S	2	2
BM4	6' 0"	1-3/4"x 9-1/4" LVL Kerto-S	2	2
GDH-1	14' 0"	1-3/4"x 11-7/8" LVL Kerto-S	2	2
GDH	23' 0"	1-3/4"x 14" LVL Kerto-S	2	2
BM3	6' 0"	2x10 SPF No.2	2	2

LOAD CHART FOR JACK STUDS

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

END REACTION (UP TO) 1000 LBS. (DOWN TO) 1000 LBS.	END REACTION (UP TO) 2500 LBS. (DOWN TO) 2500 LBS.	END REACTION (UP TO) 5000 LBS. (DOWN TO) 5000 LBS.	END REACTION (UP TO) 7500 LBS. (DOWN TO) 7500 LBS.	END REACTION (UP TO) 10000 LBS. (DOWN TO) 10000 LBS.
1700	2550	3400	4250	5100
3400	5100	6800	8500	10200
5100	7650	10200	12750	15300
6800	10200	13600	17000	
8500	12750	17000		
10200	15300			
11900				
13600				
15300				

BUILDER	Weaver Development Co. Inc.	CITY / CO.	Johnston County / Johnston
JOB NAME	Lot 4 Patterson	ADDRESS	Lot 4 Patterson
PLAN	The Lauren H	MODEL	Roof
SEAL DATE	2/24/20	DATE REV.	11/25/20
QUOTE #	Quote #	DRAWN BY	Curtis Quick
JOB #	J1020-5083	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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