

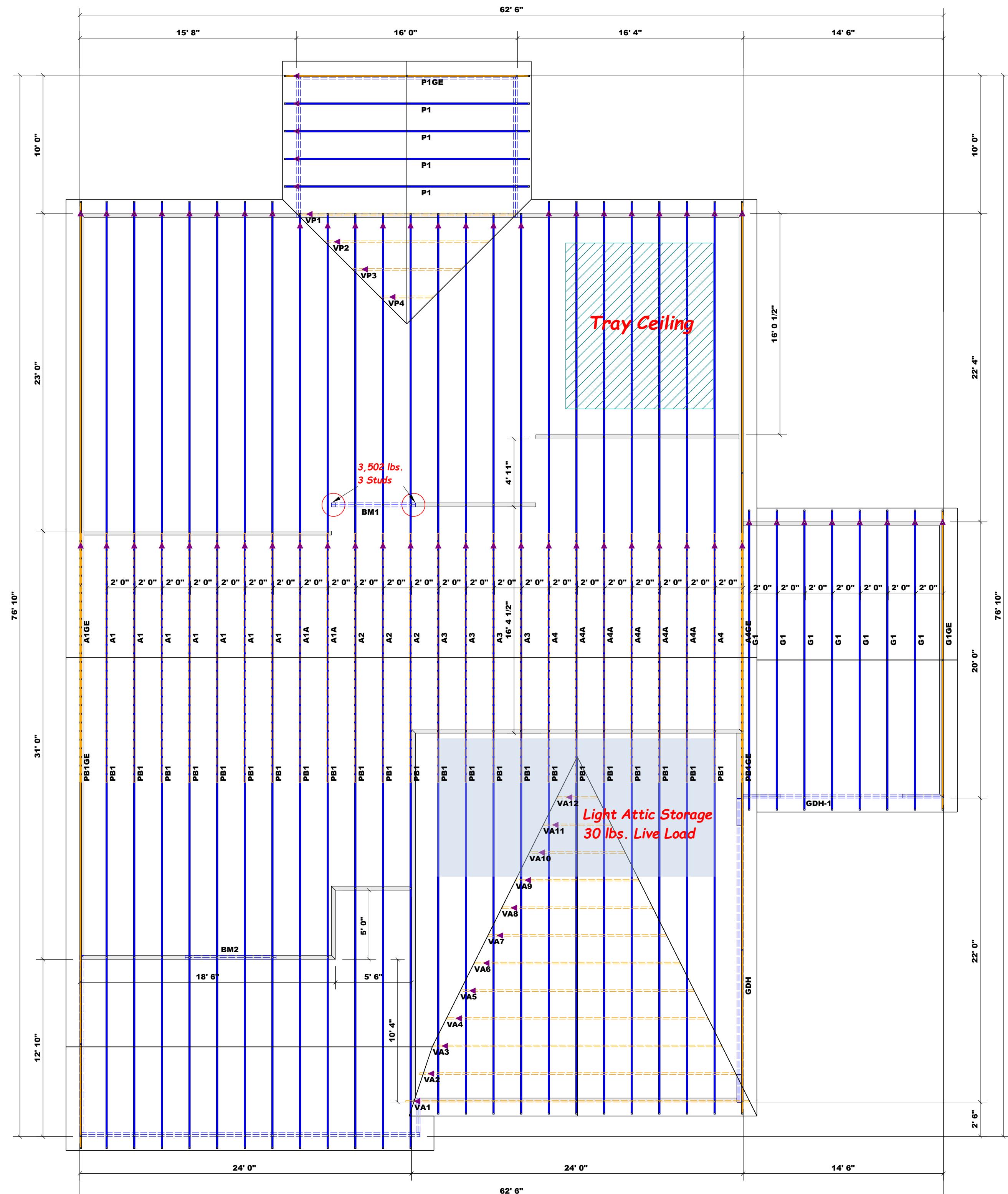
▲ = Denotes Left End of Truss  
(Reference Engineered Truss Drawing)  
Do Not Erect Trusses Backwards

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

### 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

LOAD CHART FOR JACK STUDS (BASED ON TABLES R502.5(I) & (J)) NUMBER OF JACK STUDS REQUIRED @ EA END OF HEADER/GIRDER					
END REACTION (UP TO)	REQ'D STUDS FOR (2) PLY HEADER	END REACTION (UP TO)	REQ'D STUDS FOR (3) PLY HEADER	END REACTION (UP TO)	REQ'D STUDS FOR (4) PLY 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				



### Truss Placement Plan

SCALE: 3/16" = 1'

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○ -- Denotes Reaction Greater than 3,000 lbs.

### Beam Legend

PlotID	Length	Product	Plies	Net Qty	Fab Type
BM1	7' 0"	1-3/4"x 9-1/4" LVL Kerto-S	2	2	FF
BM2	7' 0"	1-3/4"x 9-1/4" LVL Kerto-S	2	2	FF
GDH-1	15' 0"	1-3/4"x 11-7/8" LVL Kerto-S	2	2	FF
GDH	22' 0"	1-3/4"x 14" LVL Kerto-S	3	3	FF

### PLEASE NOTE:

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#.



ROOF & FLOOR  
TRUSSES & BEAMS  
Reilly Road Industrial Park  
Fayetteville, N.C. 28309  
Phone: (910) 864-8787  
Fax: (910) 864-4444

CUSTOMER (ACCOUNT)

Weaver Homes, Inc.

STREET

163 DL Phillips Lane

(BUILDER)

CITY

Broadway, NC

JOB NAME - LEVEL

Temms Residence - Roof

TAX AUTH.

NC - Lee

PLAN NAME

The Lauren III

SALES REP.

Linwood Norris  
(Linwood Norris)

PLAN SEAL DATE (EOR)

7/2/2025

DESIGNER (& ASST.)

Curtis Quick  
(Sumer Spell)

JOB # (OT REF)

251198 - A

PLAN REV. DATE

10/29/2025

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### LOAD CHART FOR JACK STUDS

(BASED ON TABLES R502.5(I) & (J))

NUMBER OF JACK STUDS REQUIRED @ EA END OF HEADER/GIRDER

END REACTION (UP TO)	REQ'D STUDS FOR (2'L PLY HEADER)	END REACTION (UP TO)	REQ'D STUDS FOR (3'L PLY HEADER)	END REACTION (UP TO)	REQ'D STUDS FOR (4'L PLY 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
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