



### ROOF & FLOOR TRUSSES & BEAMS

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

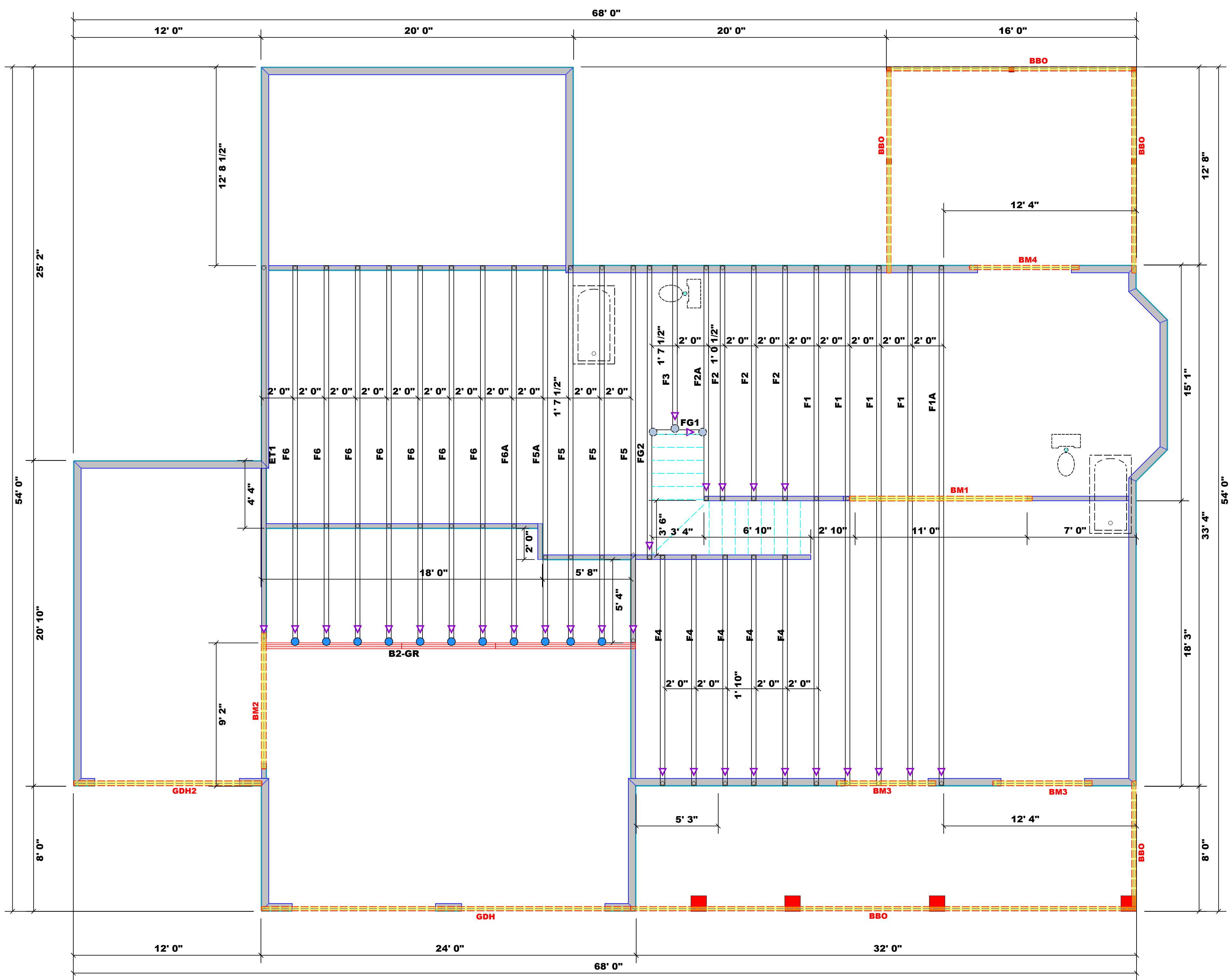
Bearing reactions less than or equal to 3000# are deemed to comply with the prescriptive Code requirements. The contractor shall refer to the attached Tables ( derived from the prescriptive Code requirements ) to determine the minimum foundation size and number of wood studs required to support reactions 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 \_\_\_\_\_  
**David Landry**

#### 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. STUDS FOR (1) 1" X 4" HEADER	END REACTION (UP TO)	REQ. STUDS FOR (1) 1" X 4" HEADER	END REACTION (UP TO)	REQ. 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				



**1 Truss Placement Plan**  
Scale: 1/4"=1'

PlotID	Length	Product	Plies	Net Qty	Fab Type
BM1	12' 0"	1-3/4"x 14" LVL Kerto-S	2	2	FF
BM2	9' 0"	1-3/4"x 11-7/8" LVL Kerto-S	2	2	FF
BM3	7' 0"	1-3/4"x 9-1/4" LVL Kerto-S	2	4	FF
BM4	8' 0"	2x10 SPF No.2	2	2	FF
GDH	24' 0"	2x12 SPF No.2	2	2	FF
GDH2	12' 0"	1-3/4"x 11-7/8" LVL Kerto-S	2	2	FF

**Plumbing Drop Notes**

1. Plumbing drop locations shown are NOT exact.
2. Contractor to verify ALL plumbing drop locations prior to setting Floor Trusses.
3. Adjust spacing as needed not to exceed 24"oc.

**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 frame wall unless noted otherwise.
3. All exterior wall to truss dimensions are to face of frame wall unless noted otherwise.

Connector Information					Nail Information	
Sym	Product	Manuf	Qty	Supported Member	Header	Truss
●	HUS410	USP	11	Varies	16d/3-1/2"	16d/3-1/2"
●	MSH422	USP	3	Varies	10d/3"	10d/3"

**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 @ sbciniindustry.com

BUILDER	JOB NAME	PLAN	SEAL DATE	QUOTE #	JOB #
Precision Custom Homes	Lot 29 Magnolia Hills	Sarah	N/A		J1024-5868
COUNTY	ADDRESS	MODEL	DATE REV.	DRAWN BY	SALESMAN
Cameron / Harnet	Lot 29 Magnolia Hills	Floor	12/03/24	David Landry	Neil Baggett



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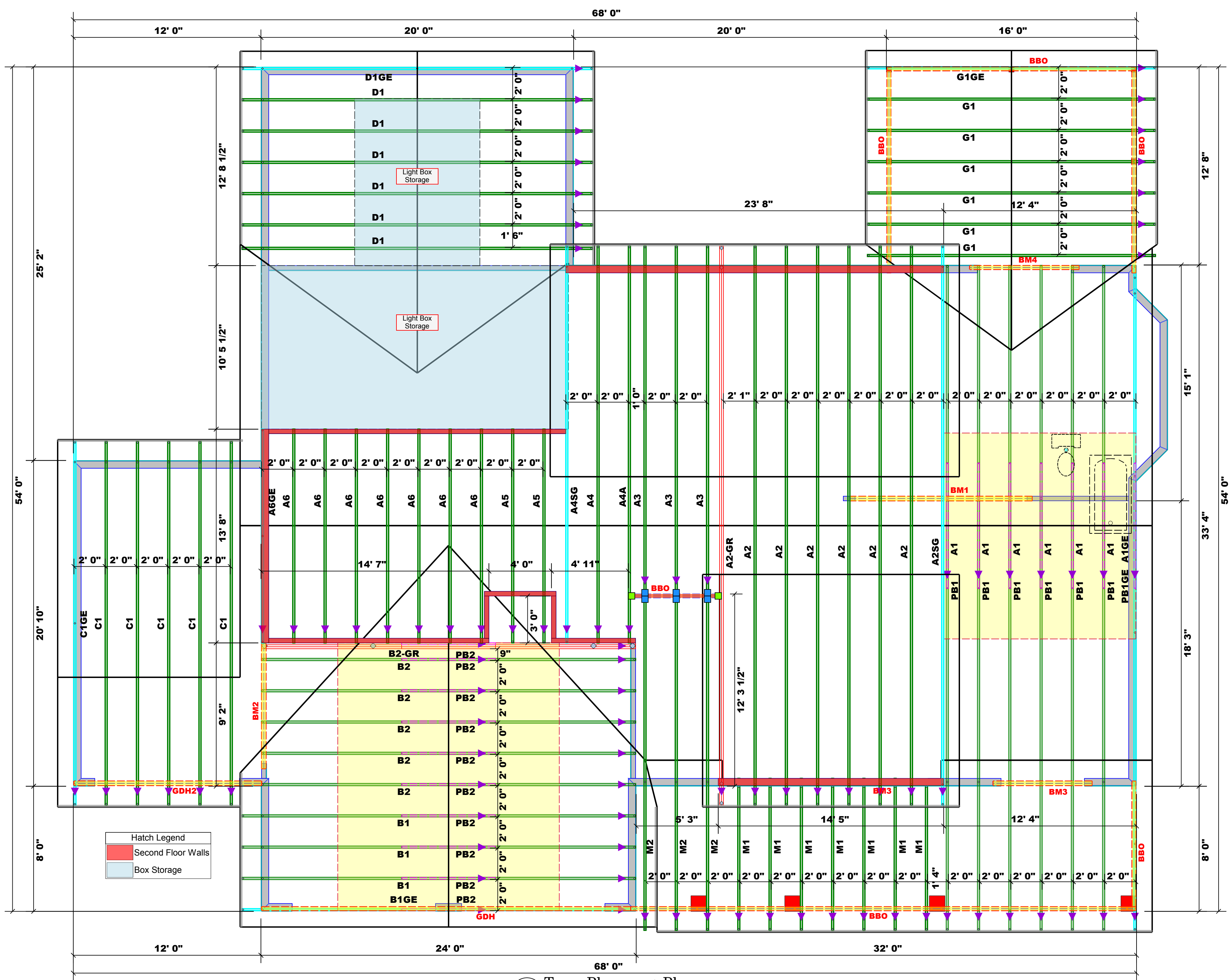
Signature \_\_\_\_\_  
**David Landry**

**LOAD CHART FOR JACK STUDS**

(BASED ON TABLES R502.5(1) & (2))

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6800	4	10200	4	13600	4
8500	5	12750	5	17000	5
10200	6	15300	6		
11900	7				
13600	8				
15300	9				



**Hatch Legend**

- Second Floor Walls
- Box Storage

**Products**

PlotID	Length	Product	Pieces	Net Qty	Fab Type
BM1	12' 0"	1-3/4" x 14" LVL Kerto-S	2	2	FF
BM2	9' 0"	1-3/4" x 11-7/8" LVL Kerto-S	2	2	FF
BM3	7' 0"	1-3/4" x 9-1/4" LVL Kerto-S	2	2	FF
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Roof Area = 4234.58 sq.ft.  
Ridge Line = 134.13 ft.  
Hip Line = 0 ft.  
Horiz. OH = 224.39 ft.  
Raked OH = 313.52 ft.  
Decking = 146 sheets

**Connector Information**

Sym	Product	Manuf	Qty	Supported Member	Header	Truss
■	HUS26	USP	6	Varies	16d/3-1/2"	16d/3-1/2"
■	THD26-2	USP	2	Varies	16d/3-1/2"	10d/3"

**1 Truss Placement Plan**  
Scale: 1/4"=1'

BUILDER	JOB NAME	PLAN	SEAL DATE	QUOTE #	JOB #
Precision Custom Homes	Lot 29 Magnolia Hills	Sarah	N/A		J1024-5867
COUNTY	ADDRESS	MODEL	DATE REV.	DRAWN BY	SALESMAN
Cameron / Harnet	Lot 29 Magnolia Hills	Roof	12/03/24	David Landry	Neil Baggett

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