



# ROOF & FLOOR TRUSSES & BEAMS

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

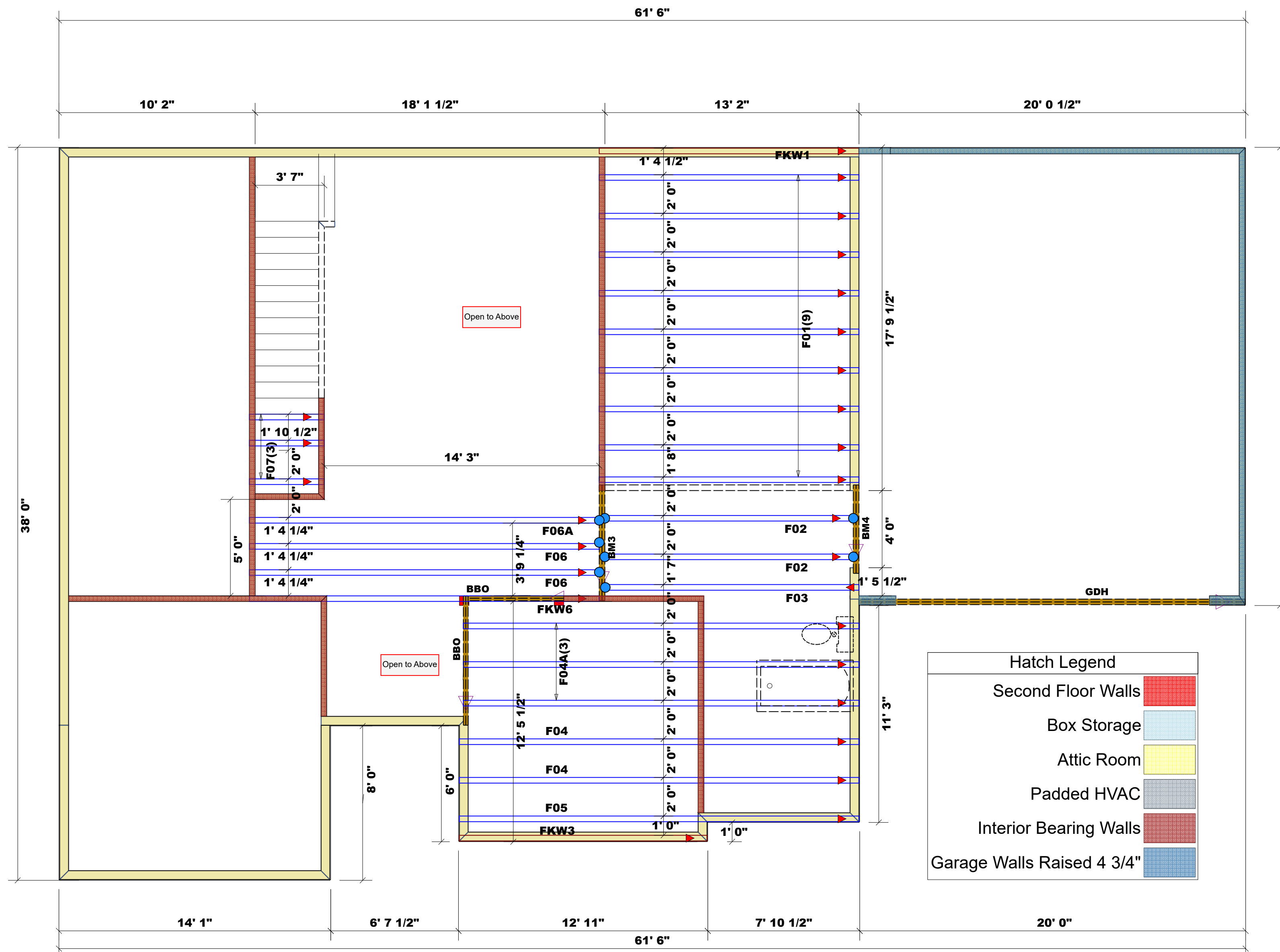
Bearing reactions less than or equal to 3000# are deemed to comply with the prescriptive Code requirements. The contractor shall refer to the attached Tables ( derived from the prescriptive Code requirements ) to determine the minimum foundation size and number of wood studs required to support reactions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

### 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'D STUDS FOR (1)PLY HEADER	END REACTION (UP TO)	REQ'D STUDS FOR (2)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				



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

Nail Information		Connector Information				
Truss	Header	Supported Member	Qty	Manuf	Product	Sym
16d/3-1/2"	16d/3-1/2"	Varies	8	USP	HUS410	●

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

Products					
Net Qty	Plies	Product	Length	PlotID	
2	2	1-3/4"x 14" LVL Kerto-S	6' 0"	BM3	
2	2	1-3/4"x 14" LVL Kerto-S	5' 0"	BM4	
2	2	1-3/4"x 18" LVL Kerto-S	20' 0"	GDH	

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

BUILDER	JOB NAME	PLAN	SEAL DATE	QUOTE #	JOB #
Precision Custom Homes	Lot 55 Liberty Meadow	Ragnar 2.0	02/05/20	Quote #	J0422-2177
COUNTY	ADDRESS	MODEL	DATE REV.	DRAWN BY	SALESMAN
Harnett	Lot 55 Liberty Meadow	Floor	06/27/22	Hampton Horrocks	Neil Baggett

**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 @ sbciindustry.com



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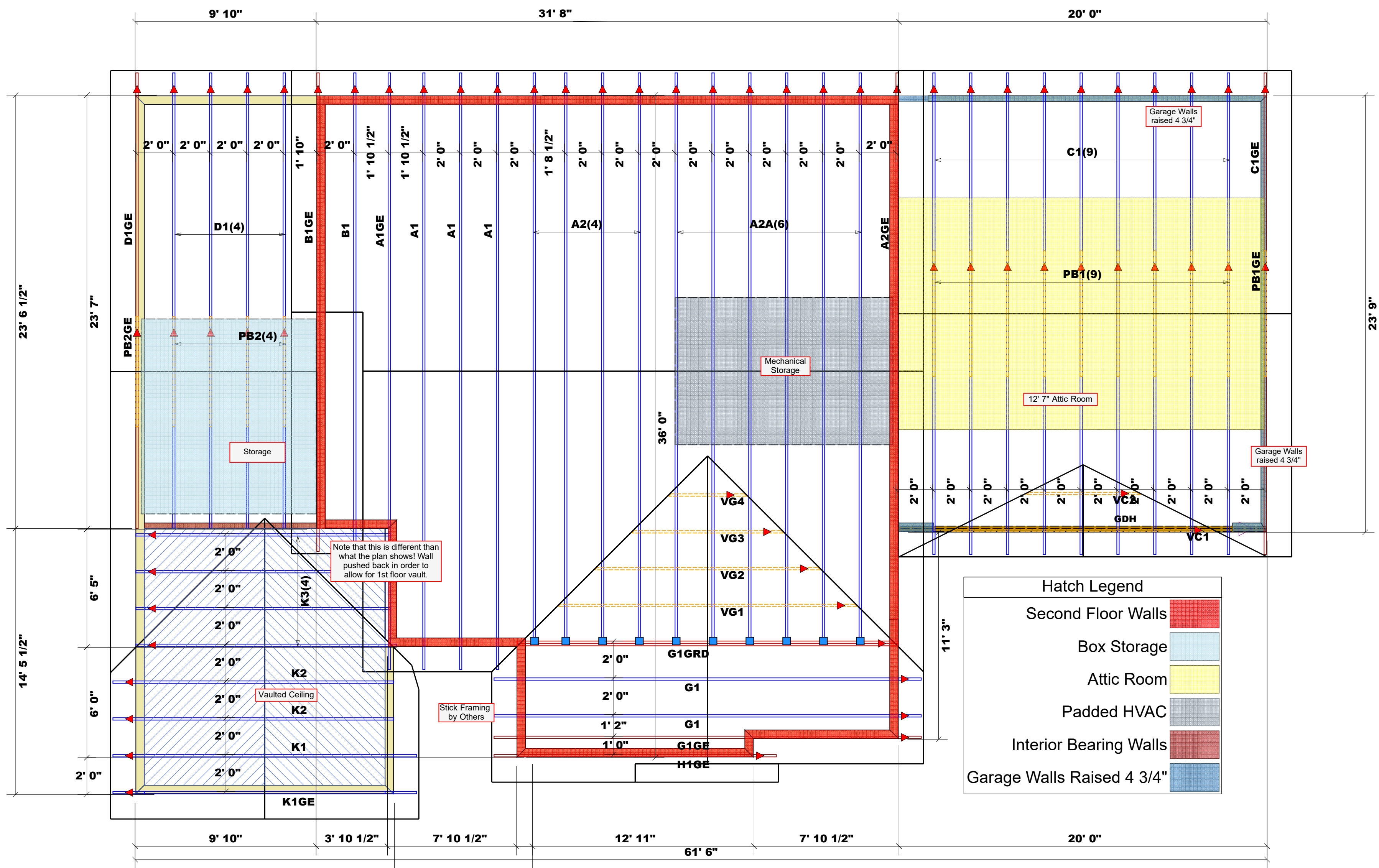
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15300	9				



Note that this is different than what the plan shows! Wall pushed back in order to allow for 1st floor vault.

**Hatch Legend**

- Second Floor Walls
- Box Storage
- Attic Room
- Padded HVAC
- Interior Bearing Walls
- Garage Walls Raised 4 3/4"

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

Red Hatching Indicates 2nd Floor Plate Height

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

**Dimension Notes**

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- All interior wall dimensions are to face of frame wall unless noted otherwise
- All exterior wall to truss dimensions are to face of frame wall unless noted otherwise

BUILDER	JOB NAME	PLAN	SEAL DATE	QUOTE #	JOB #
Precision Custom Homes	Lot 55 Liberty Meadow	Ragnar 2.0	02/05/20	Quote #	JO422-2176
COUNTY	ADDRESS	MODEL	DATE REV.	DRAWN BY	SALESMAN
Harnett	Lot 55 Liberty Meadow	Roof	06/27/22	Hampton Horrocks	Neil Baggott

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

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