



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 _____
Neil Baggett

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) FLY HEADER	END REACTION (UP TO)	REQ'D STUDS FOR (1) FLY HEADER	END REACTION (UP TO)	REQ'D STUDS FOR (1) FLY 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				

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 stud unless noted otherwise
2. All interior wall dimensions are to face of stud unless noted otherwise
3. All exterior wall to truss dimensions are to face of stud unless noted otherwise

Roof Area = 2648.88 sq.ft.
Ridge Line = 78.4 ft.
Hip Line = 0 ft.
Horiz. OH = 148.71 ft.
Raked OH = 240.67 ft.
Decking = 91 sheets

All Walls Shown Are Considered Load Bearing

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

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

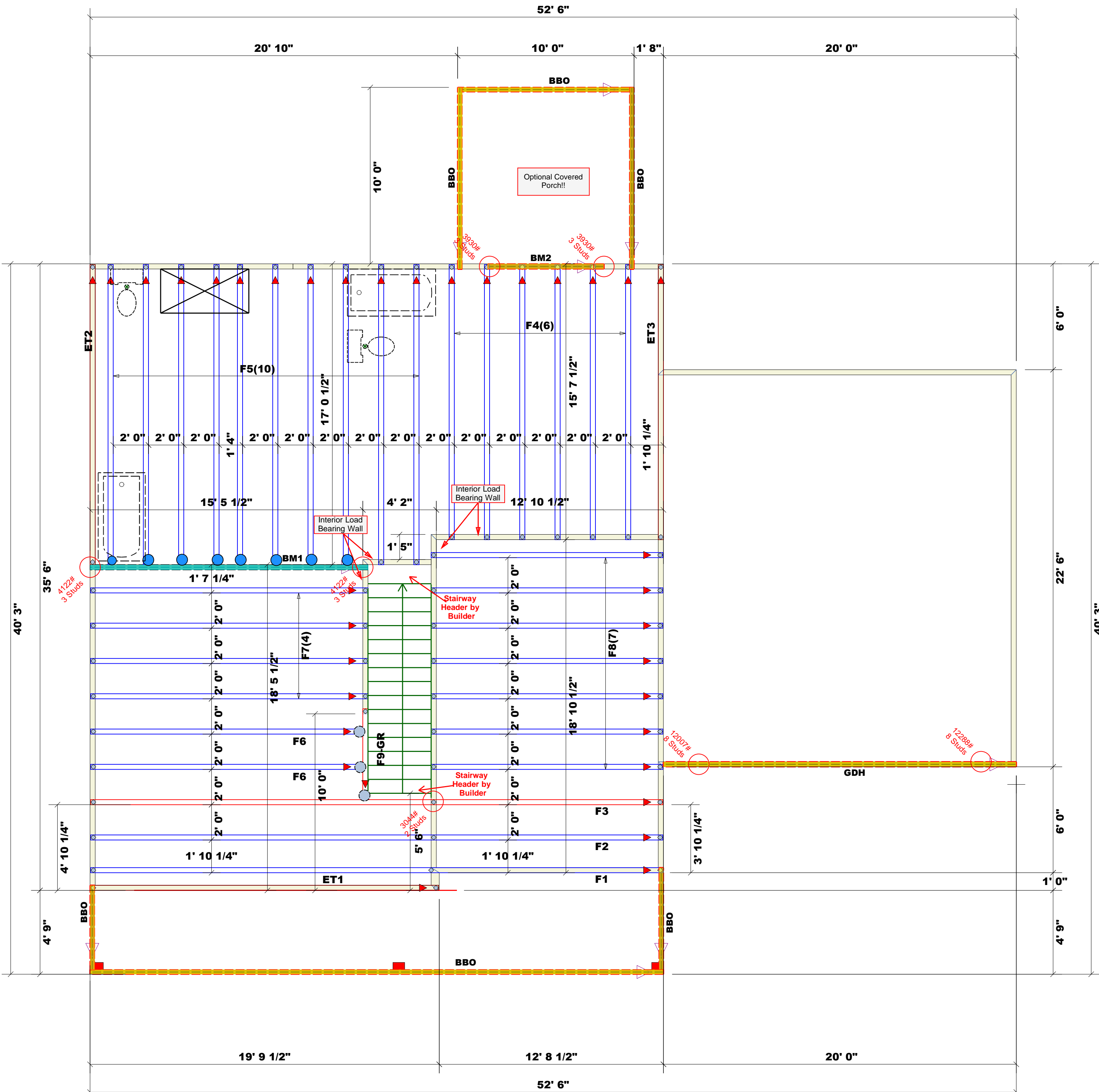
Hatch Legend	
	Drop Beam
	Flush Beam
	2nd Floor Walls @ 8' 1 1/2"
	Mechanical & Light Storage

Connector Information				Nail Information	
Sym	Product	Manuf	Qty	Supported Member	
	HUS410	USP	10	Varies	16d/3-1/2"
	MSH422	USP	3	Varies	10d/3"
	HUS26	USP	13	Varies	16d/3-1/2"

Products					
PlotID	Length	Product	Plies	Net Qty	Fab Type
BM2	7' 0"	1-3/4"x 9-1/4" LVL Kerto-S	2	2	FF
BM1	16' 0"	1-3/4"x 14" LVL Kerto-S	2	2	FF
GDH	20' 0"	1-3/4"x 23-7/8" LVL Kerto-S	2	2	FF
FB1	8' 0"	2x10 SPF No.2	2	2	FF

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

○ -- Denotes Reaction Greater than 3,000 lbs. Reaction / # of Studs



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 BC31-B1 and BC31-B3 provided with the truss delivery package or online @ sbcindustry.com



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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) 1" x 1" HEADER

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Ridge Line = 84.01 ft.
Hip Line = 0 ft.
Horiz. OH = 148.71 ft.
Raked OH = 245.24 ft.
Decking = 93 sheets

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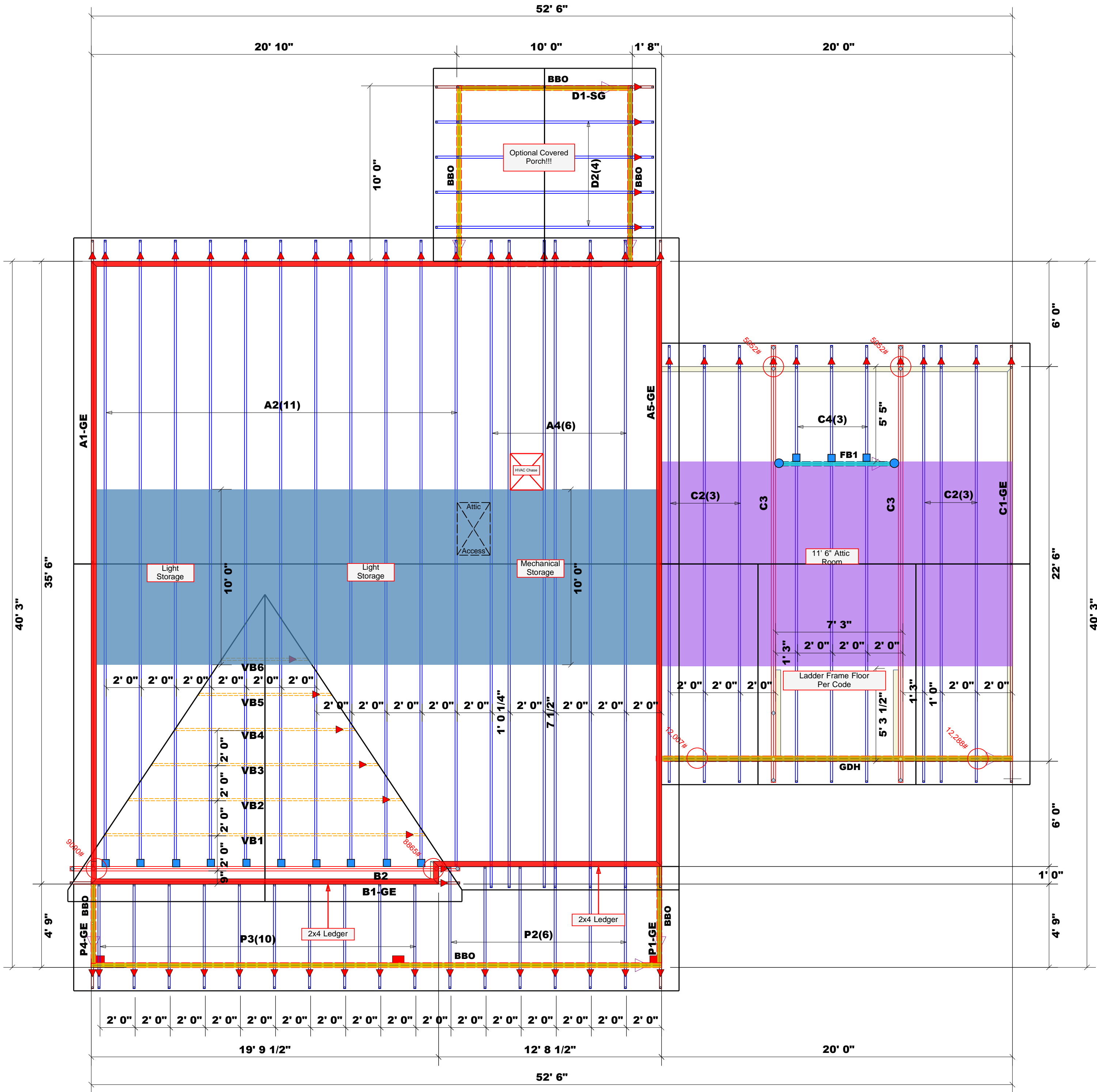
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