

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

Sales Area

LOAD CHART FOR JACK STUDS

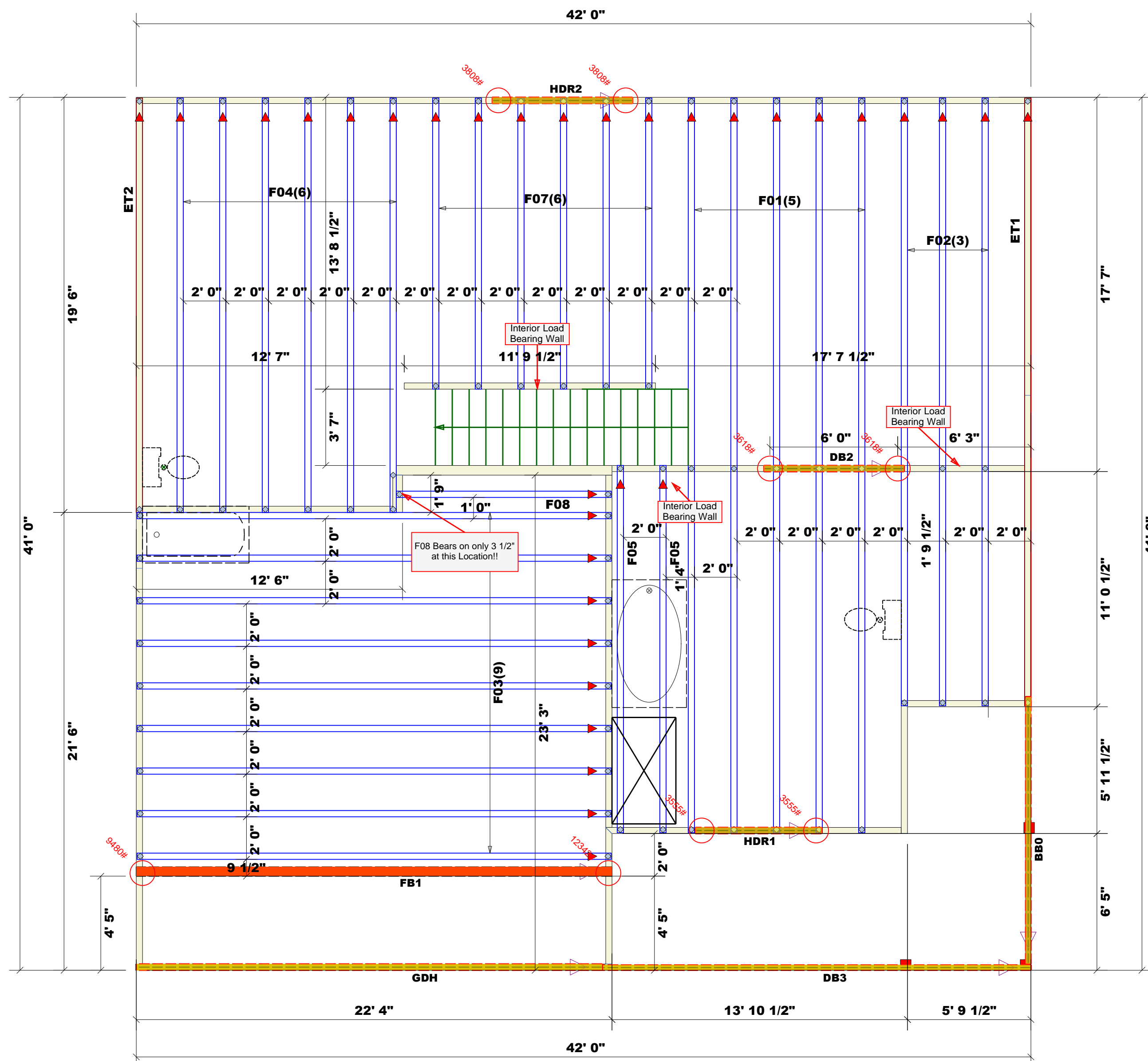
(BASED ON TABLES R502.5(1) & (b))

NUMBER OF JACK STAYS REQUIRED BY EA END OF HEADUP/TURN					
END REACTION (UP TO)	REQ. 5 STAYS FOR (2) 1ST HEADER	END REACTION (UP TO)	REQ. 5 STAYS FOR (3) 1ST HEADER	END REACTION (UP TO)	REQ. 5 STAYS FOR (4) 1ST 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					

COUNTY	Harnett
ADDRESS	Lot 90 Magnolia Hills, Cameron, NC
MODEL	Floor
DATE REV.	7/30/2025
DRAWN BY	Neil Baggett
SALESMAN	Neil Baggett

BUILDER	Precision Custom Homes
JOB NAME	Lot 90 Magnolia Hills
PLAN	Hayek w/CP
SEAL DATE	7/23/2025
QUOTE #	N/A
JOB #	J0725-3386

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 BC5I-B1 and BC5I-B3 provided with this delivery package or online at sbcindustry.com



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

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.





Roof Area	= 2533.62 sq.ft.
Ridge Line	= 20.42 ft.
Hip Line	= 180.1 ft.
Horiz. OH	= 254.58 ft.
Raked OH	= 16.97 ft.
Decking	= 87 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

	Flush Beam
	Padded HVAC
	2nd Floor Walls @ 8' 1 1/2" UNO
	Drop Beam

Connector Information					Nail Information	
Sym	Product	Manuf	Qty	Supported Member	Header	Truss
	HJC26	USP	7	Varies	16d/3-1/2"	10d/3"

Products						
PlotID	Length	Product	Piles	Net Qty	Fab Type	
DB2	7' 0"	1-3/4"x 9-1/4" LVL Kerto-S	2	2	FF	
HDR2	7' 0"	1-3/4"x 9-1/4" LVL Kerto-S	2	2	FF	
HDR1	6' 0"	1-3/4"x 9-1/4" LVL Kerto-S	2	2	FF	
GDH	22' 0"	1-3/4"x 11-7/8" LVL Kerto-S	2	2	FF	
FB1	23' 0"	1-3/4"x 23-7/8" LVL Kerto-S	3	3	FF	
DB3	22' 0"	2x12 SP No 2	2	2	FF	

Products						
PlotID	Length	Product		Plies	Net Qty	Fab Type
HDR3	6' 0"	1-3/4"x 9-1/4" V L	Kerto-S	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



ROOF & FLOOR TRUSSES & BEAMS

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

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(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 (3) FLY HEADER	END REACTION (UP TO)	REQ'D STUDS FOR (4) 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				

Dimension Notes
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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.

Plumbing Drop Notes
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3. Adjust spacing as needed not to exceed 24"oc.

Roof Area = 2524.71 sq.ft.
Ridge Line = 20.42 ft.
Hip Line = 180.1 ft.
Horiz. OH = 254.58 ft.
Raked OH = 16.16 ft.
Decking = 87 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'

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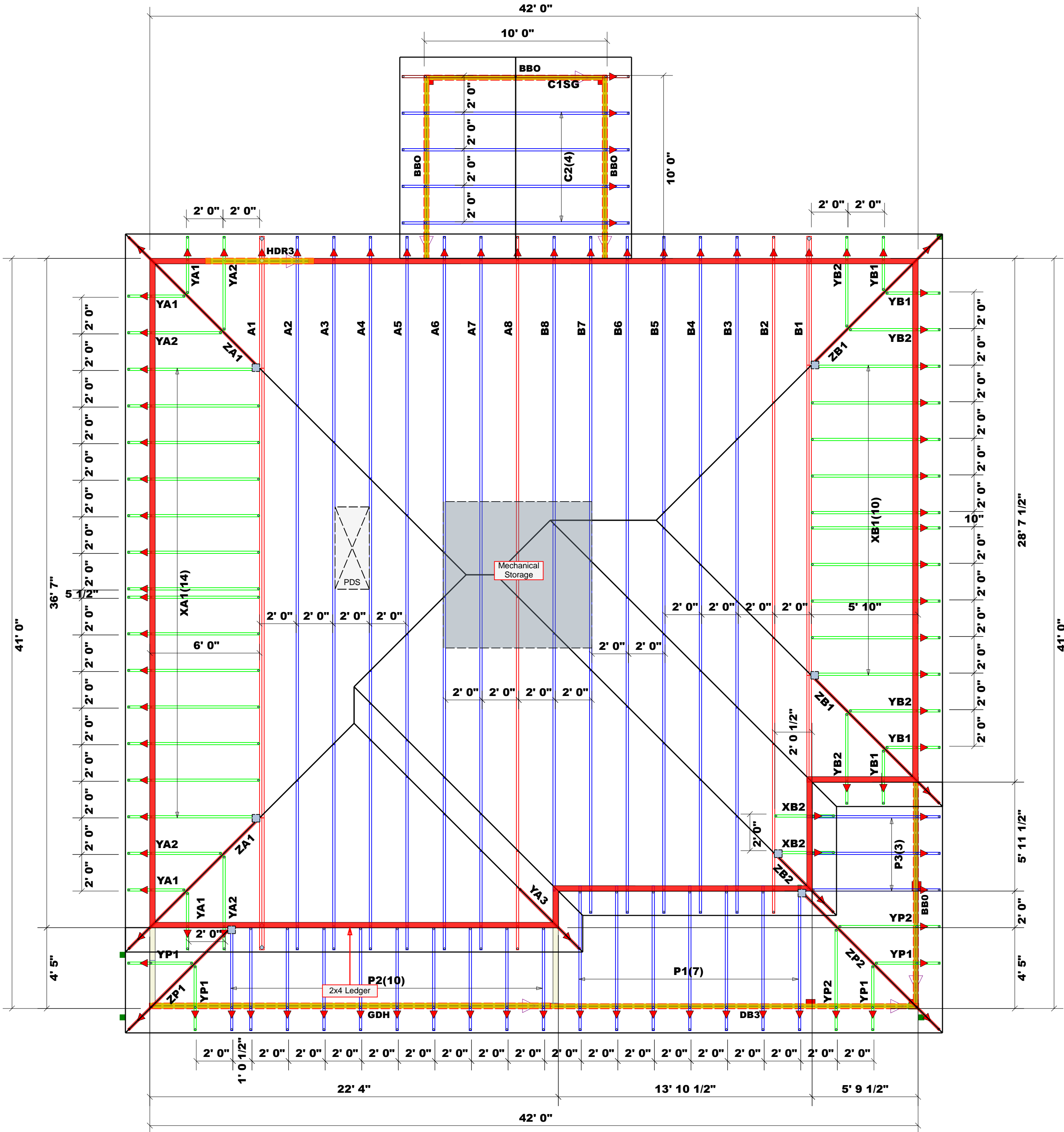
Connector Information					Nail Information	
Sym	Product	Manuf	Qty	Supported Member	Header	Truss
	HJC26	USP	7	Varies	16d/3-1/2"	10d/3"
	MSH422	USP	3	Varies	10d/3"	10d/3"

Products					
PlotID	Length	Product	Plies	Net Qty	Fab Type
DB2	7' 0"	1-3/4"x 9-1/4" LVL Kerto-S	2	2	FF
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Products					
PlotID	Length	Product	Plies	Net Qty	Fab Type
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○ -- Denotes Reaction Greater than 3,000 lbs. Reaction / # of Studs



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