



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) 1" X 1" HEADER | END REACTION (UP TO) | REQ. D. STUDS FOR (1) 1" X 1" HEADER | END REACTION (UP TO) | REQ. D. STUDS FOR (1) 1" X 1" 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

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

Plumbing Drop Notes

- Plumbing drop locations shown are NOT exact.
- Contractor to verify ALL plumbing drop locations prior to setting Floor Trusses.
- 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 = 26 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

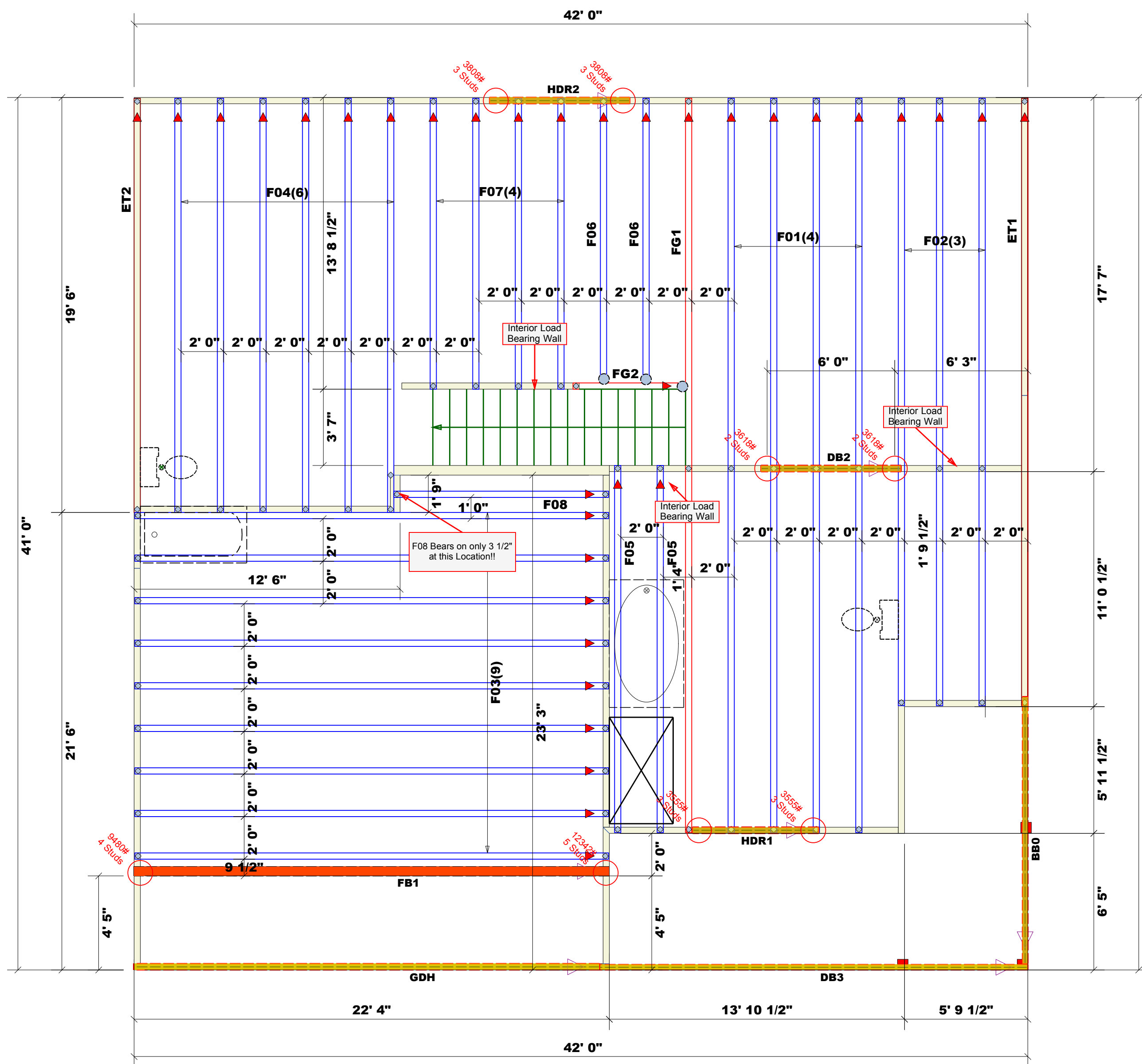
| Connector Information | | | | Nail Information | |
|-----------------------|---------|-------|-----|------------------|----------------|
| Sym | Product | Manuf | Qty | Supported Member | Header / Truss |
| | HJC26 | USP | 7 | Varies | 16d/3-1/2" |
| | MSH422 | USP | 3 | Varies | 10d/3" |

| PlotID | Length | Product | Plies | 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 |

| PlotID | Length | Product | Plies | Net Qty | Fab Type |
|--------|--------|----------------------------|-------|---------|----------|
| HDR3 | 6' 0" | 1-3/4"x 9-1/4" LVL 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



| BUILDER | JOB NAME | PLAN | SEAL DATE | QUOTE # | JOB # |
|------------------------|-----------------------------------|------------|-----------|--------------|--------------|
| Precision Custom Homes | Lot 7 Magnolia Hills | Hayek w/CP | 9/10/2024 | N/A | J0724-4090 |
| Harnett | Lot 7 Magnolia Hills, Cameron, NC | Floor | 9/13/2024 | Neil Baggett | Neil Baggett |
| COUNTY | ADDRESS | MODEL | DATE REV. | DRAWN BY | SALESMAN |

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

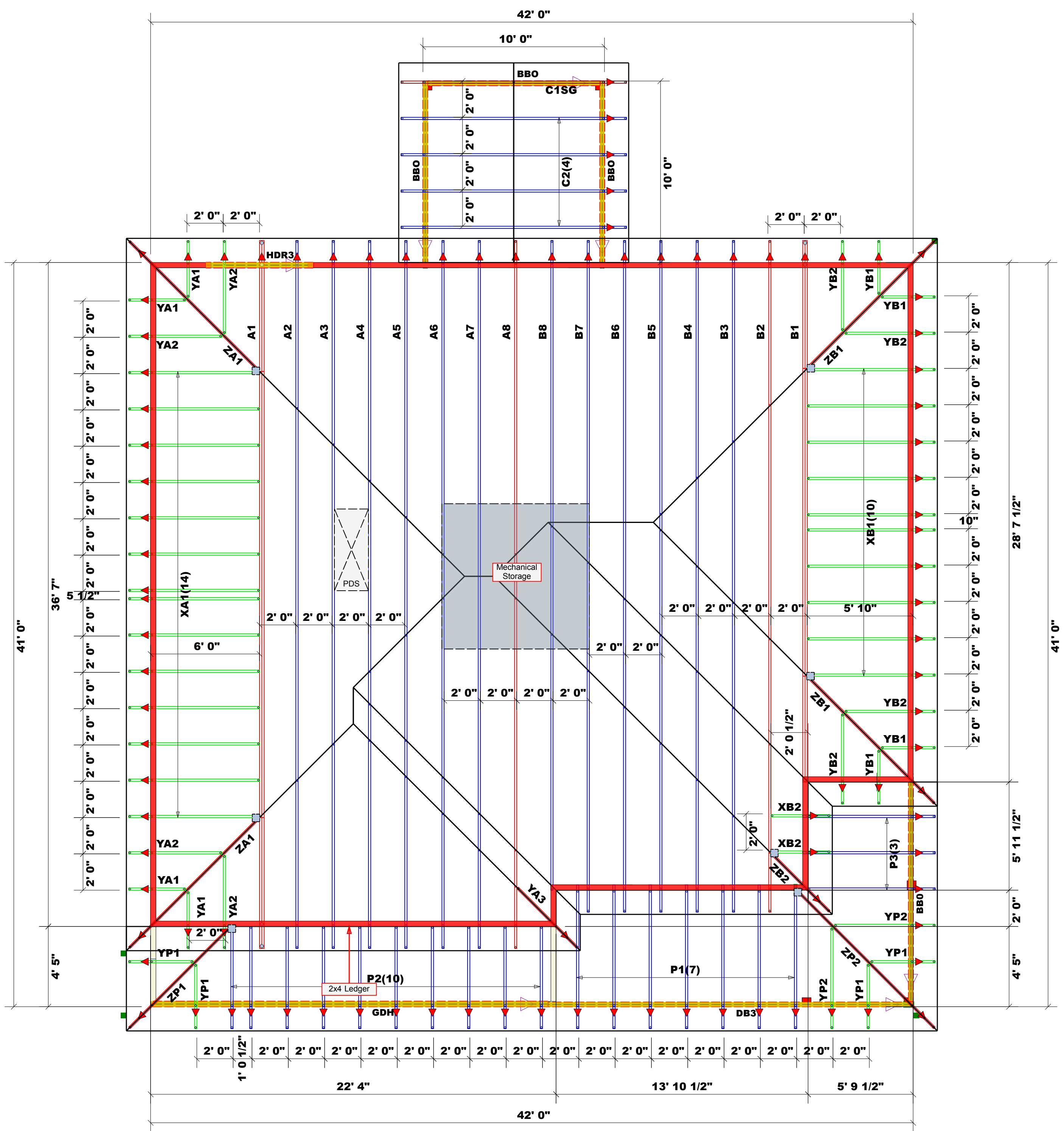


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Scale: 1/4"=1'

Hatch Legend

| | |
|--------------|---------------------------------|
| [Orange Box] | Flush Beam |
| [Grey Box] | Padded HVAC |
| [Red Box] | 2nd Floor Walls @ 8' 1 1/2" UNO |
| [Yellow Box] | Drop Beam |

Connector Information

| Sym | Product | Manuf | Qty | Supported Member | Header | Truss |
|---------------|---------|-------|-----|------------------|------------|--------|
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Products

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