



# 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 \_\_\_\_\_

Sales Area

## LOAD CHART FOR JACK STUDS

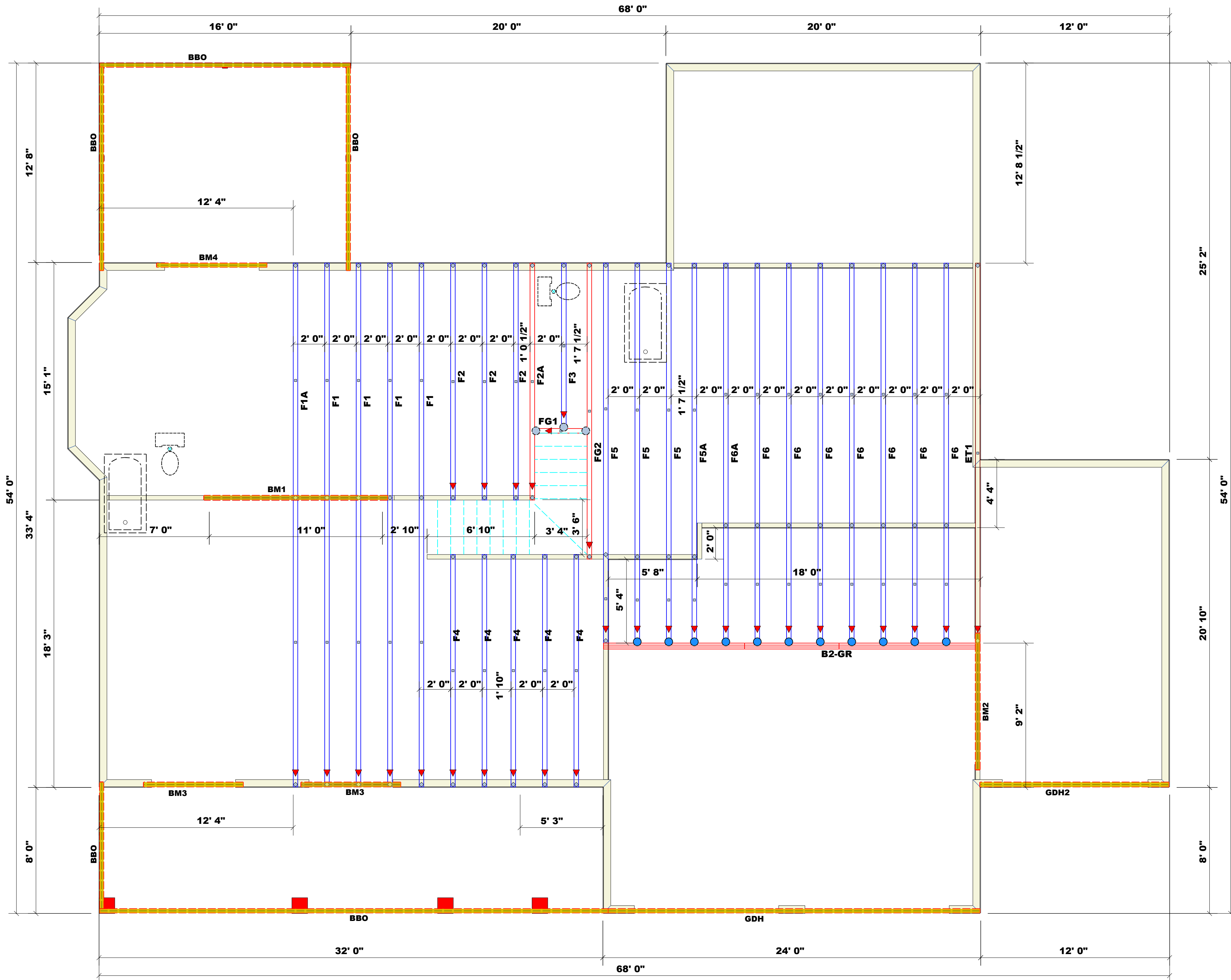
(BASED ON TABLES R502.5(1) & (b))

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                              |                      |                                |                      |                                |

|                        |           |                       |
|------------------------|-----------|-----------------------|
|                        | COUNTY    | Cameron / Cumberland  |
|                        | ADDRESS   | 385 Alder Drive       |
|                        | MODEL     | Floor                 |
|                        | DATE REV. | 9/24/25               |
|                        | DRAWN BY  | Johnnie Baggett       |
|                        | SALESMAN  | Neil Baggett          |
| Precision Custom Homes | JOB NAME  | Lot 47 Magnolia Hills |
|                        | PLAN      | Sarah                 |
|                        | SEAL DATE | Seal Date             |
|                        | QUOTE #   |                       |
|                        | JOB #     | 251382 - B            |

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 @ sbcindustry.com



| Products |            |                             |       |         |          |
|----------|------------|-----------------------------|-------|---------|----------|
| PlotID   | Length     | Product                     | Plies | Net Qty | Fab Type |
| BM1      | 11' 8"     | 1-3/4"x 14" LVL Kerto-S     | 2     | 2       | FF       |
| BM2      | 8' 8"      | 1-3/4"x 11-7/8" LVL Kerto-S | 2     | 2       | FF       |
| BM3      | 6' 4"      | 1-3/4"x 9-1/4" LVL Kerto-S  | 2     | 4       | FF       |
| BM4      | 7' 0"      | 2x10 SPF No.2               | 2     | 2       | FF       |
| GDH      | 23' 7 1/2" | 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

- 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.

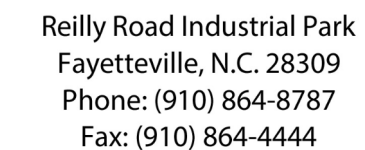
### Dimension Notes

- All exterior wall to wall dimensions are to face of sheathing unless noted otherwise
- 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

| 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"     |

## Truss Placement Plan

Scale: 1/4"=1'



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**Signature**

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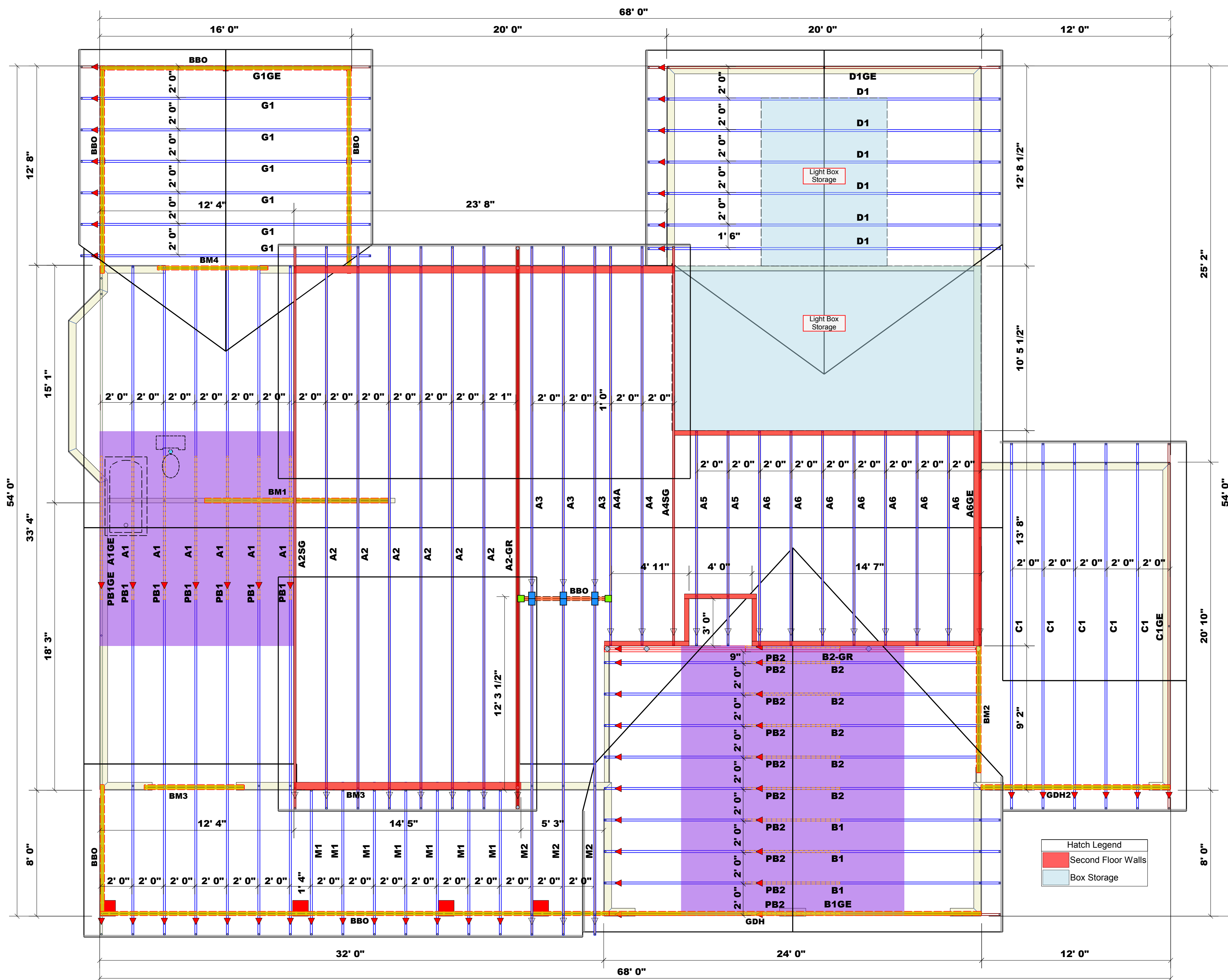
NUMBER OF JACK STUDS REQUIRED @ EACH END OF

|              |                   | HEADER/GIRDER |                   |              |                   |
|--------------|-------------------|---------------|-------------------|--------------|-------------------|
| END REACTION | REQ'D STUDIOS FOR | END REACTION  | REQ'D STUDIOS FOR | END REACTION | REQ'D STUDIOS FOR |
| (UP TO)      | (2) PLY HEADER    | (UP TO)       | (3) PLY HEADER    | (UP TO)      |                   |
| 1700         | 1                 | 2550          | 1                 | 3400         |                   |
| 3400         | 2                 | 5100          | 2                 | 6800         |                   |
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| 13600        | 8                 |               |                   |              |                   |
| 15300        | 9                 |               |                   |              |                   |

|            |                      |
|------------|----------------------|
| COUNTY     | Cameron / Cumberland |
| ADDRESS    | 183 Myrtle Oak Drive |
| MODEL      | Roof                 |
| DATE REV.  | 9/24/25              |
| DRAWN BY   | Johnnie Baggett      |
| CHECKED BY | Neil Barnett         |

|                  |                        |
|------------------|------------------------|
| <b>BUILDER</b>   | Precision Custom Homes |
| <b>JOB NAME</b>  | Lot 47 Magnolia Hills  |
| <b>PLAN</b>      | Sardh                  |
| <b>SEAL DATE</b> | Seal Date              |
| <b>QUOTE #</b>   |                        |
| <b>TOR #</b>     | 251382 - 4             |

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

|            |                  |
|------------|------------------|
| Roof Area  | = 4234.58 sq.ft. |
| Ridge Line | = 134.13 ft.     |
| Hip Line   | = 0 ft.          |
| Horiz. OH  | = 224.39 ft.     |
| Raked OH   | = 311.89 ft.     |
| Decking    | = 146 sheets     |

| Connector Information                                                                 |         |       |     |                  | Nail 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"     |