

PLAN:  
Ragnar  
W/ Porch

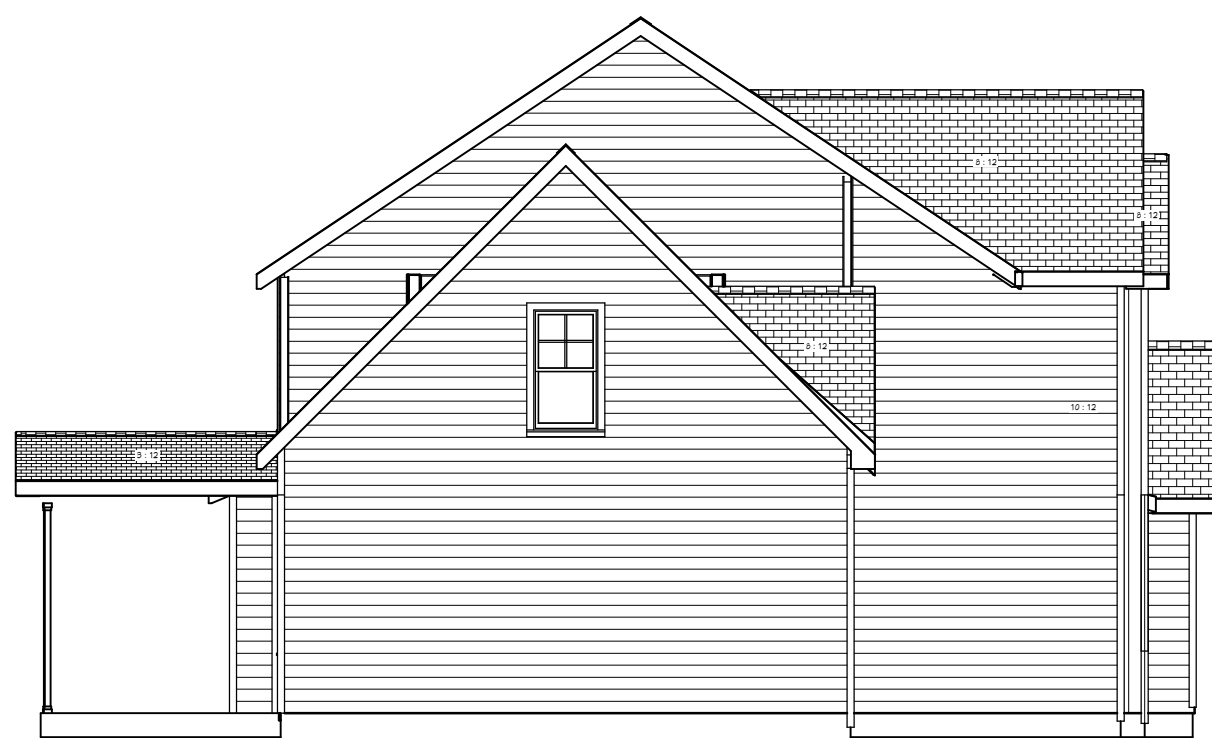
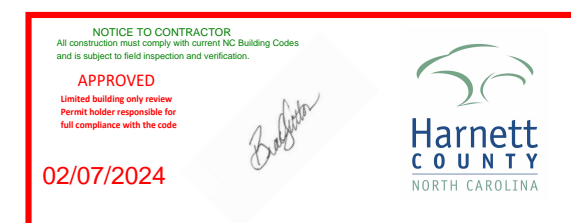


**FRONT ELEVATION**

Scale: 1/4" = 1'0"

9'0" CEILING HEIGHT FIRST FLOOR  
(HEADER HEIGHT 7'6")  
8'0" CEILING HEIGHT SECOND FLOOR  
(Frame Headers to Top Plate)

FRAME WINDOWS TO HEADER HEIGHT



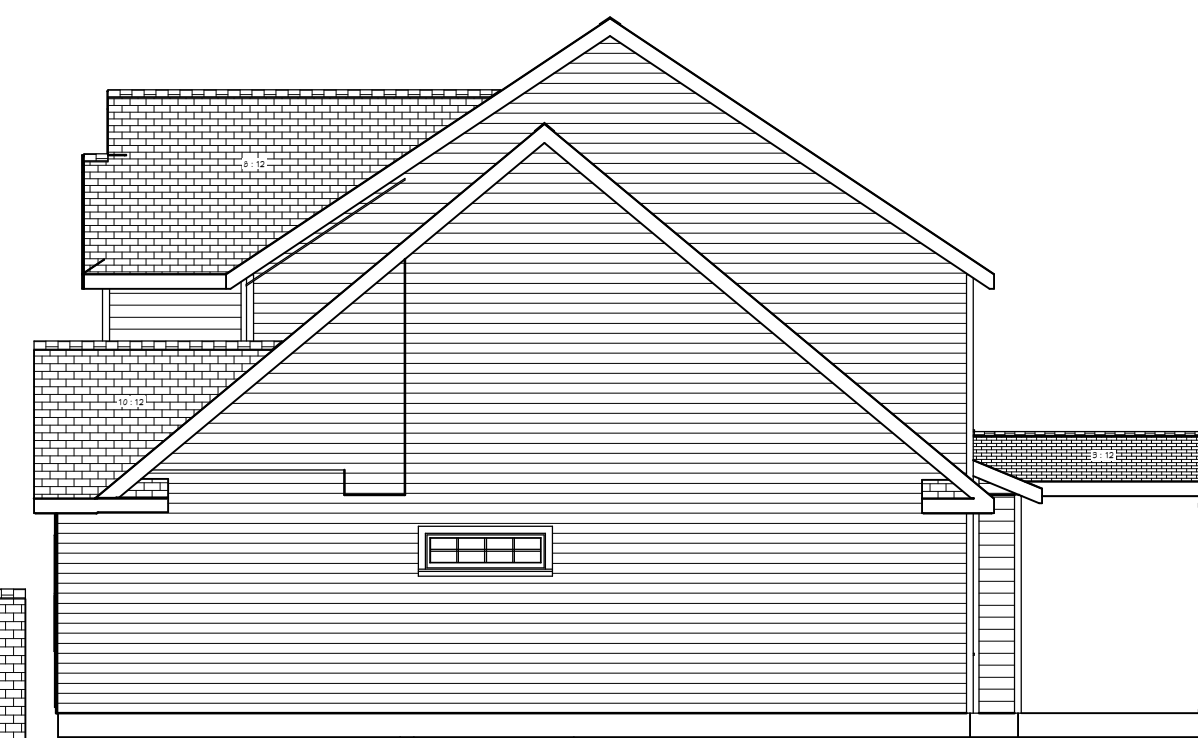
**LEFT ELEVATION**

Scale: 1/8" = 1'0"



**REAR ELEVATION**

Scale: 1/8" = 1'0"



**RIGHT ELEVATION**

Scale: 1/8" = 1'0"

SHEET TITLE:

**ELEVATIONS**

**PROJECT ADDRESS:**  
15 Rush Ln.  
Liberty Meadows Lot 65

**DESIGNED BY:**  
Precision Custom Homes  
Raeford, NC  
Shaun@PrecisionCustomHomesNC.com

**DATE:**

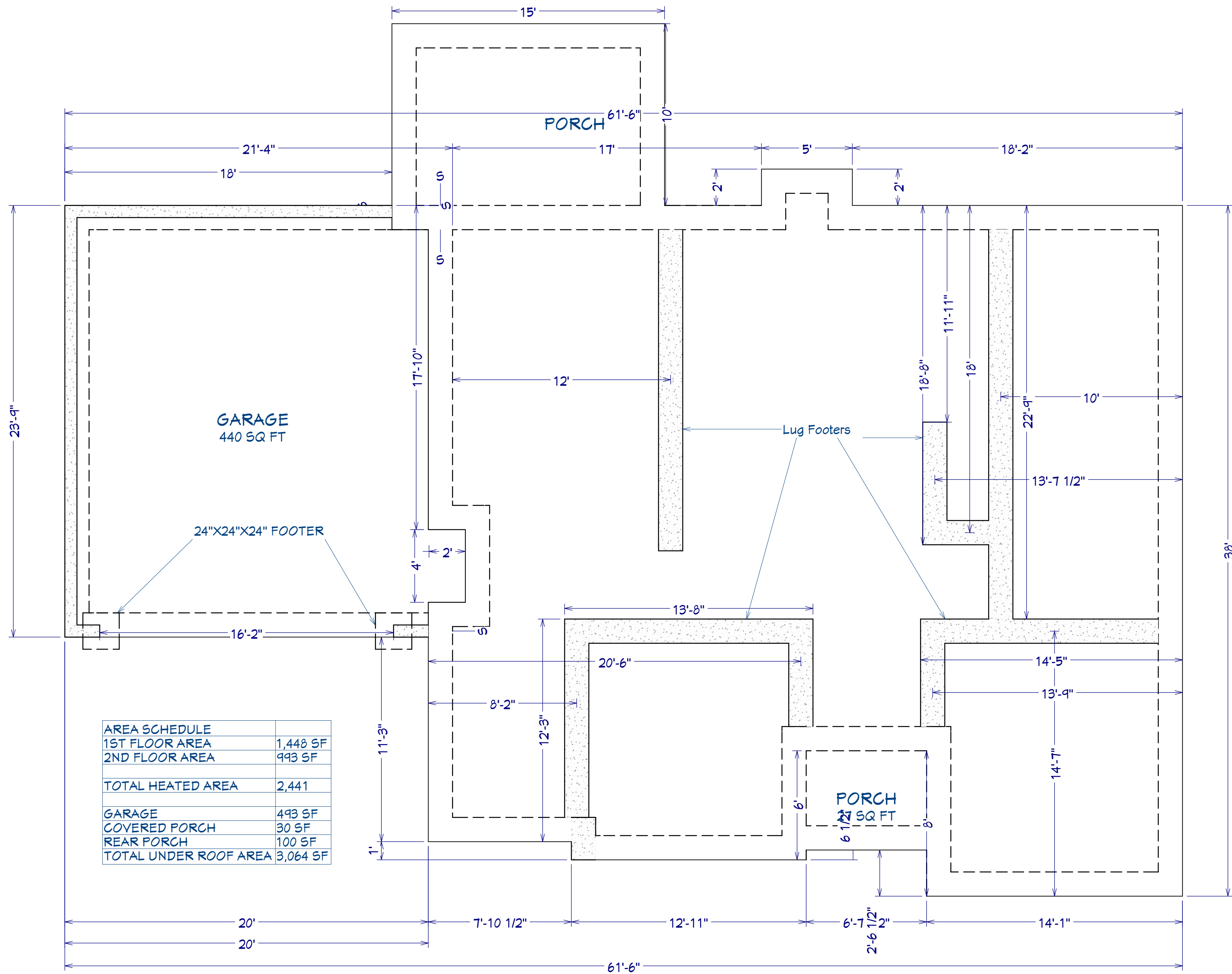
1/17/24

**SCALE:**

1/4" = 1'

**SHEET:**

**A-1**



**FOUNDATION PLAN**  
Scale: 1/4" = 1'0"

SHEET TITLE:  
**FOUNDATION**

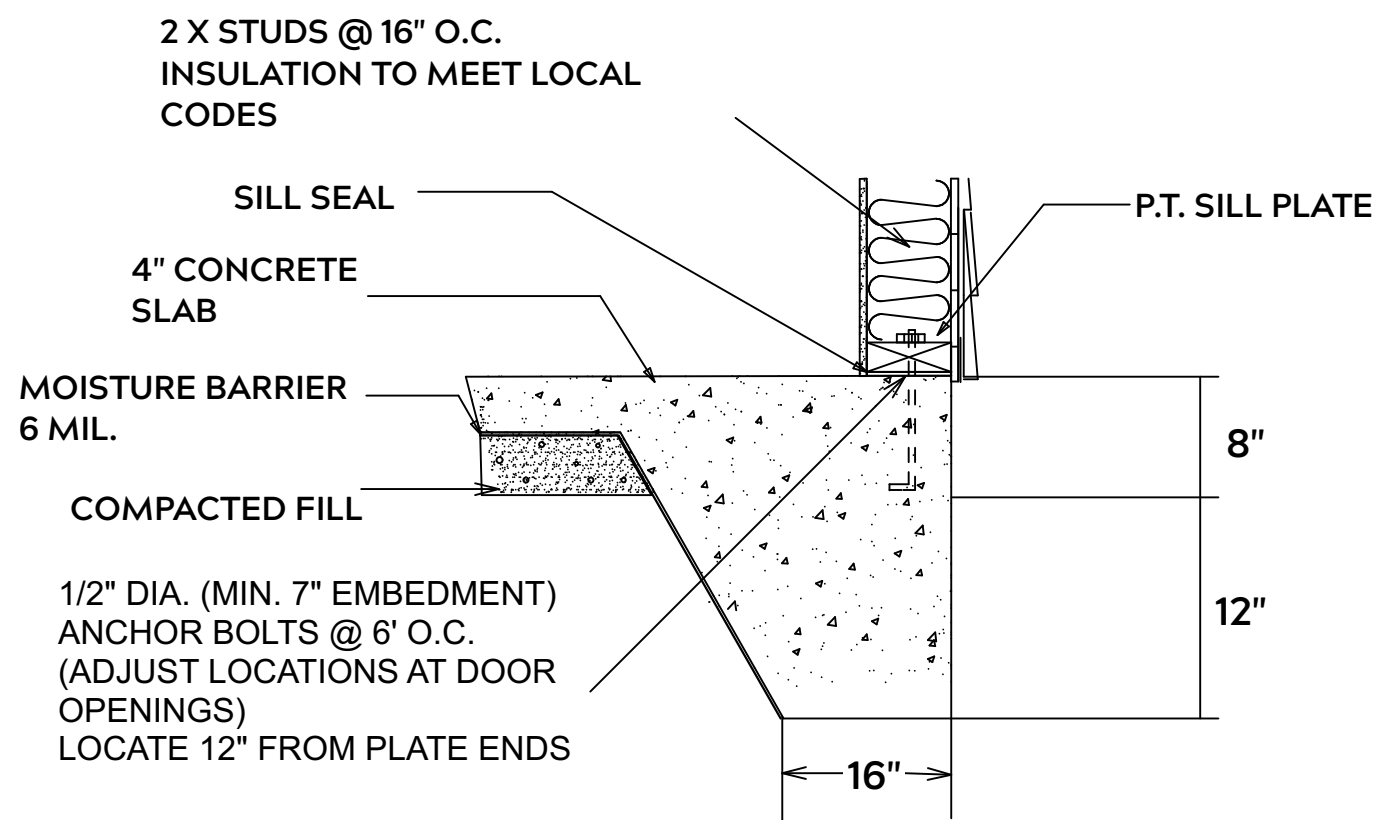
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Liberty Meadows Lot 65

DESIGNED BY:  
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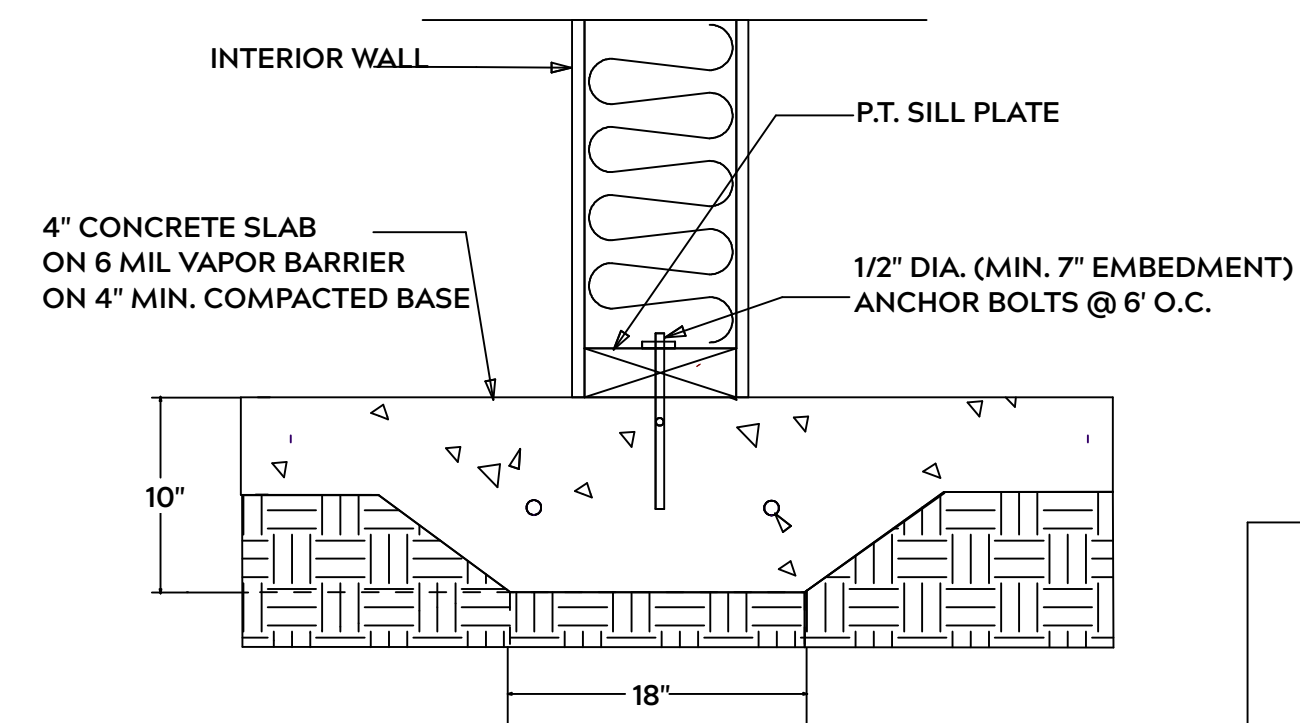
DATE:  
1/17/24

SCALE:  
1/4" = 1'

SHEET:  
**A-2**



**MONOLITHIC SLAB**



**LUG FOOTING**

**FOUNDATION NOTES:**

ALL FOOTINGS SHALL BEAR ON ORIGINAL UNDISTURBED SOIL  
THE 28 DAY COMPRESSIVE STRENGTH OF ALL FOOTINGS IS 3000 PSI

PROVIDE WATER PROOFING AND PERIMTER DRAINS AS REQUIRED

FOOTING WIDTHS ARE BASED ON A LOAD BEARING SOIL CAPACITY OF 2000 PSI

PROVIDE 6 MIL POLY VAPOR BARRIER TO COVER GROUND IN CRAWL SPACE AND GROUND UNDER POURED CONCRETE

ALL ANCHOR BOLTS TO BE 1/2" X 12" LONG. ANCHOR BOLTS SHALL BE SPACED AT A MAXIMUM OF 6' ON CENTER AND NO MORE THEN 1' FROM EACH CORNER

**GENERAL FRAMING NOTES:**

ALL LUMBER IN CONTACT WITH CONCRETE OR MASONRY SHALLE BE PRESSURE TREATED

FRAMING LUMBER SHALL BE SYP #2 GRADE AND / OR SPRUCE PINE FIR #1 AND / OR KILN DRIED

WHERE PRE-ENGINEERED JOISTS AND TRUSSES ARE USED, MANUFACTURER SHALL PROVIDE DRAWINGS / SCHEMATICS, WHICH SHALL BEAR OF A N.C. ENGINEER

STUDS AND JOISTS SHALL NOT BE CUT TO INSTALL PLUMBING OR WIRING WITHOUT ADDING METAL OR WOOD SIDE PANELS TO STRENGTHEN MEMBER TO ITS ORIGINAL CAPACITY

NAIL MULTIPLE MEMBERS WITH 2 ROWS OF 16d NAILS STAGGERED 32" O.C. AND USE 3 X 16d NAILS 2" IN AT EACH END.

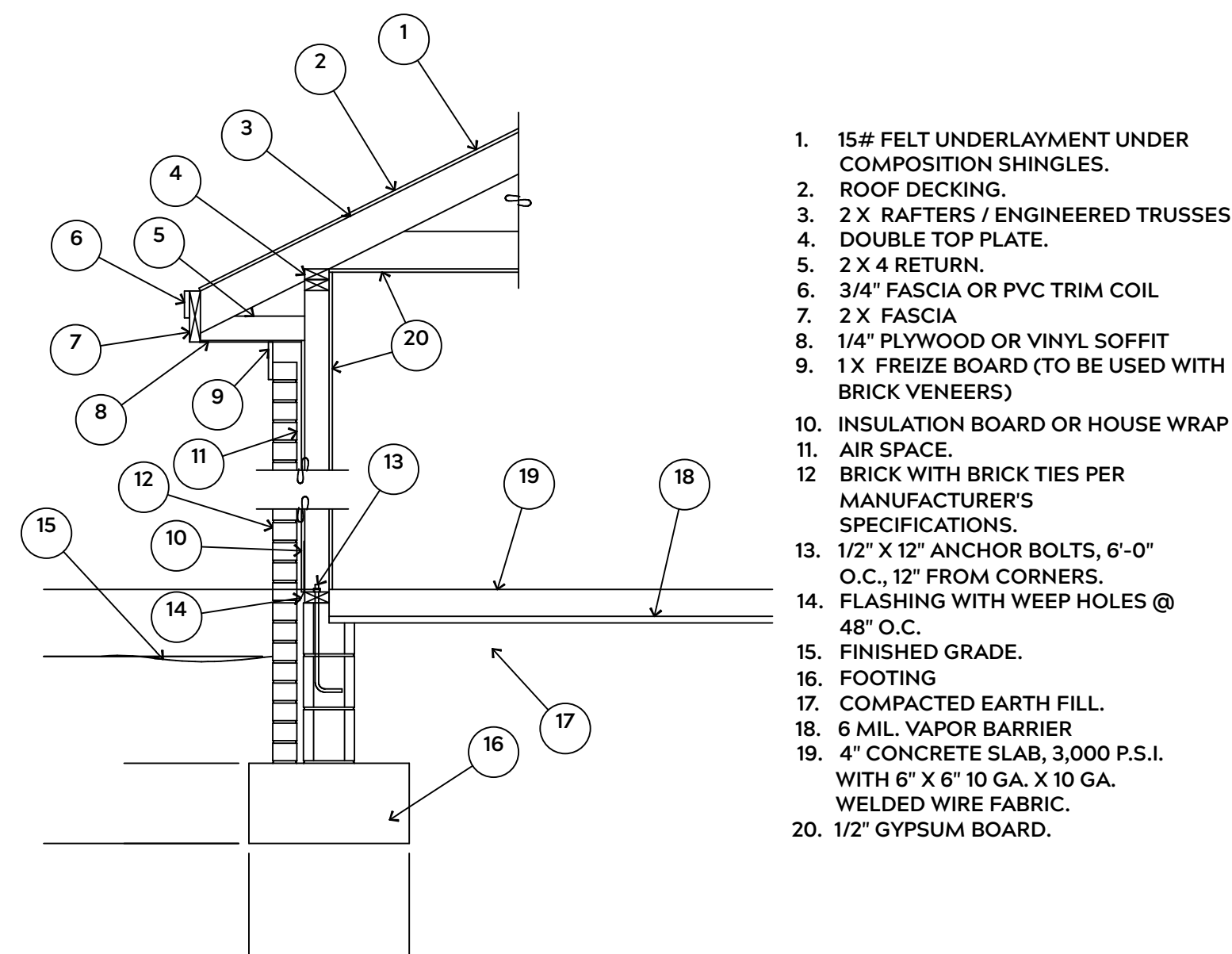
NAIL FLOOR JOISTS TO SILL PLATE WITH WITH 8d TOE NAILS

ALL EXPOSED FRAMING ON PORCHES OR DECKS SHALL BE PRESSURE TREATED

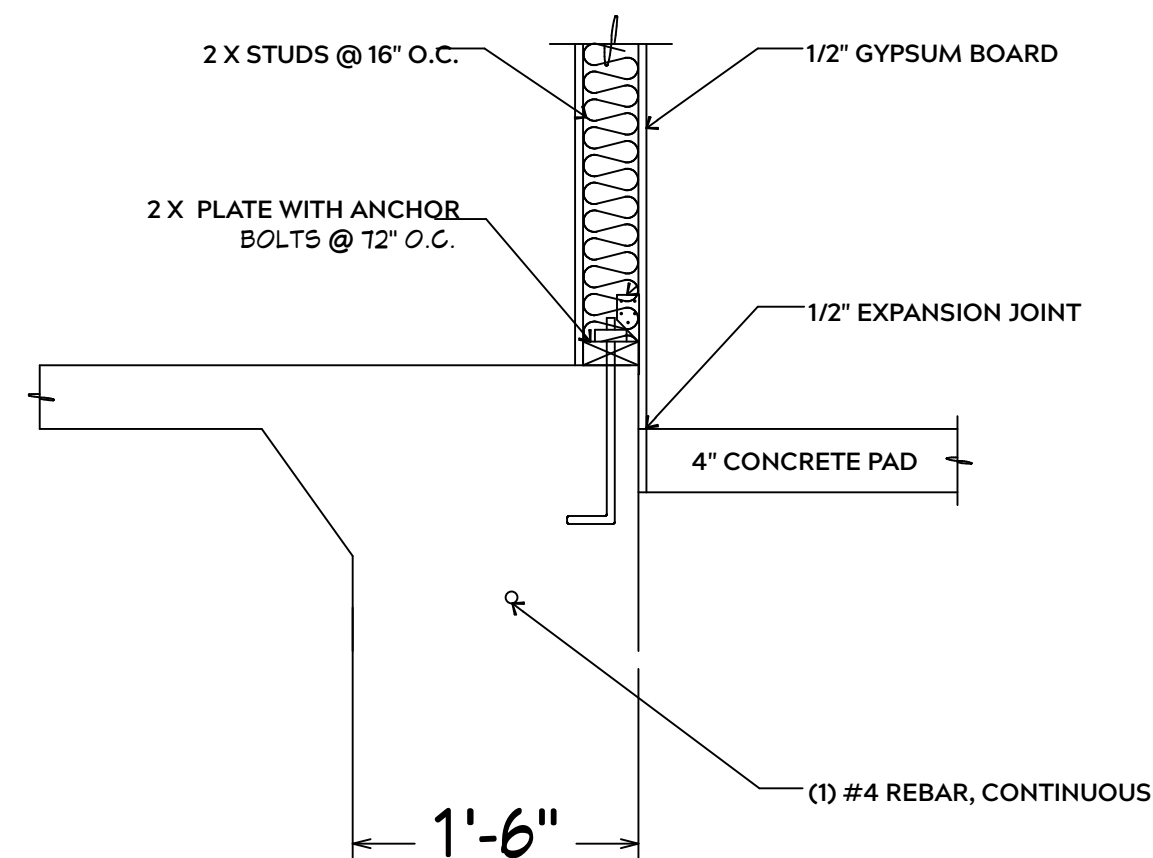
PROVIDE WATERPROOFING AND DRAINS AS REQUIRED

ALL FRAMING TO BE 16" O.C. WALL FRAMING DIMENSIONS ARE BASED ON 2X4 OR 2X6 EXTERIOR WALLS AND 2X4 INTERIOR WALLS. DOULBE / TRIPLE JACK STUDS AS NECESSARY UNDER HEADERS AS REQUIRED

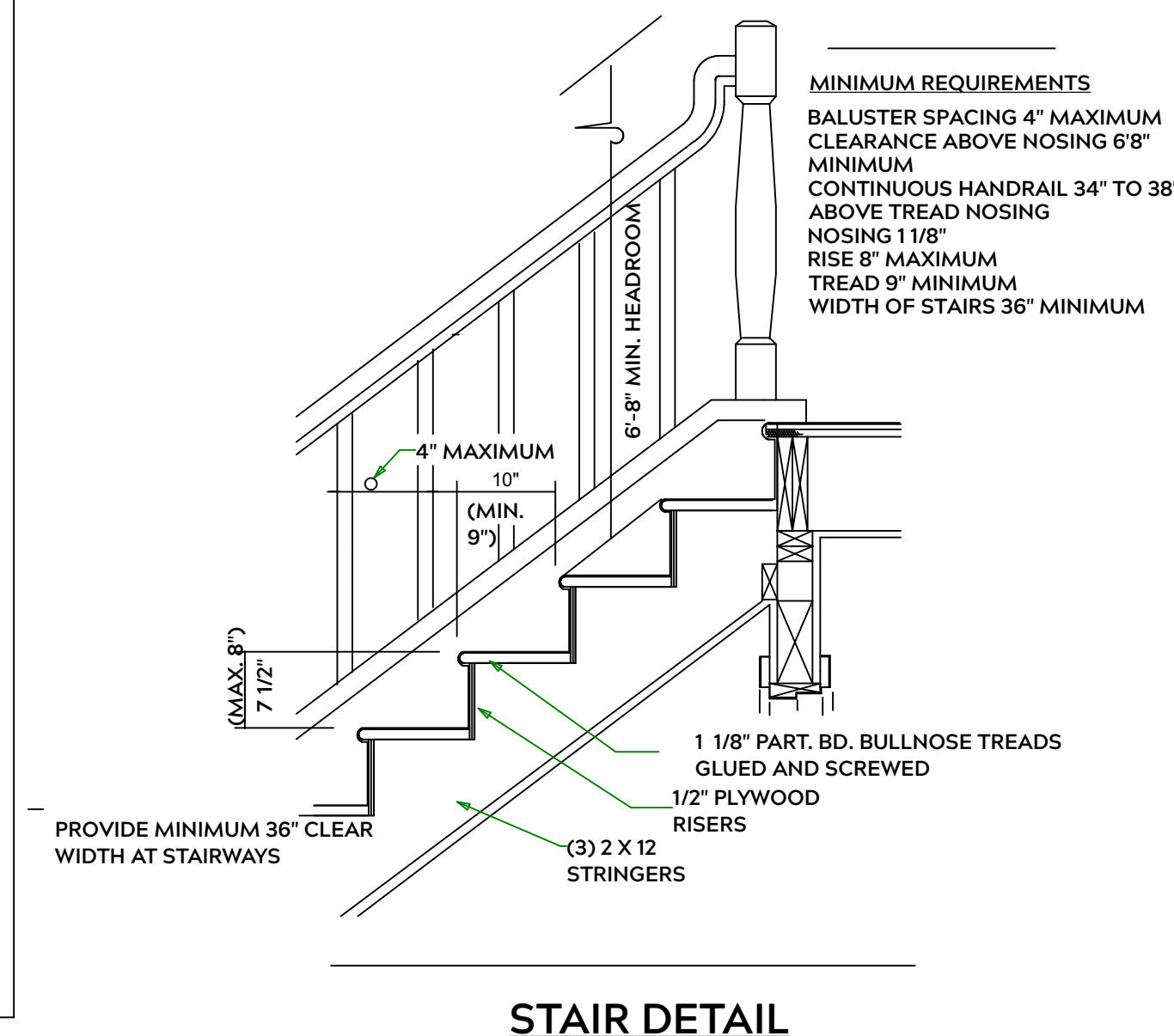
LVL'S TO BE SIZED BY OTHERS (TRUSS MANUFACTURER)



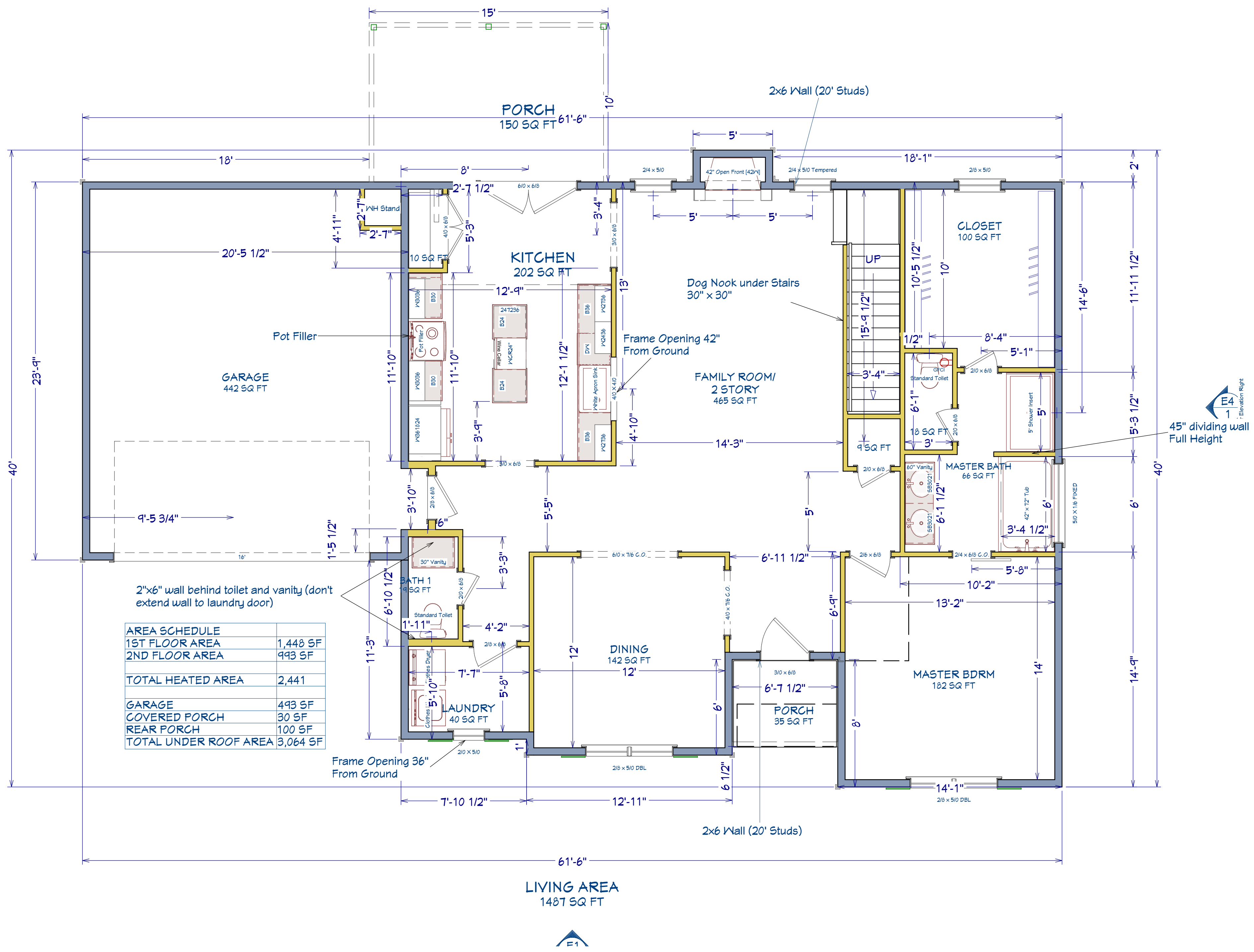
**EXTERIOR WALL SECTION**

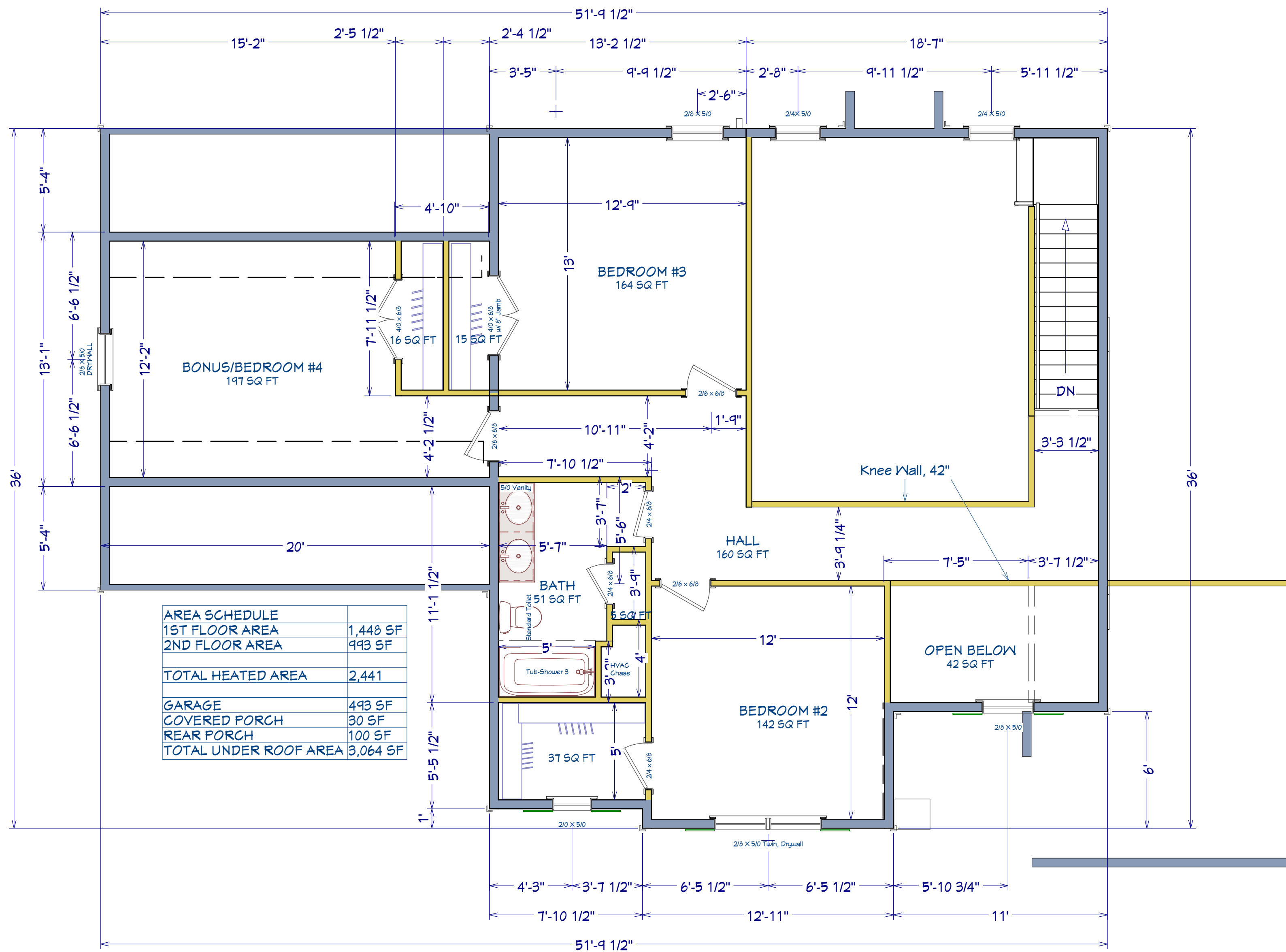


**INTERIOR WALL @ GARAGE STEP DOWN**



**STAIR DETAIL**





| AREA SCHEDULE                |                 |
|------------------------------|-----------------|
| 1ST FLOOR AREA               | 1,448 SF        |
| 2ND FLOOR AREA               | 993 SF          |
| <b>TOTAL HEATED AREA</b>     | <b>2,441</b>    |
| GARAGE                       | 493 SF          |
| COVERED PORCH                | 30 SF           |
| REAR PORCH                   | 100 SF          |
| <b>TOTAL UNDER ROOF AREA</b> | <b>3,064 SF</b> |

  
**LIVING AREA**  
 933 SQ FT  
Exterior Elevation Front

SHEET TITLE:

**2nd FLOOR**

**PROJECT ADDRESS:**  
15 Rush Ln.  
Liberty Meadows Lot 65

DESIGNED BY:  
Precision Custom Homes  
RaeFord, NC  
Shaun@PrecisionCustomHomesNC.com

DATE:  
1/17/24

SCALE:  
1/4" = 1'

SHEET:  
**A-5**



**ROOF & FLOOR TRUSSES & BEAMS**

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

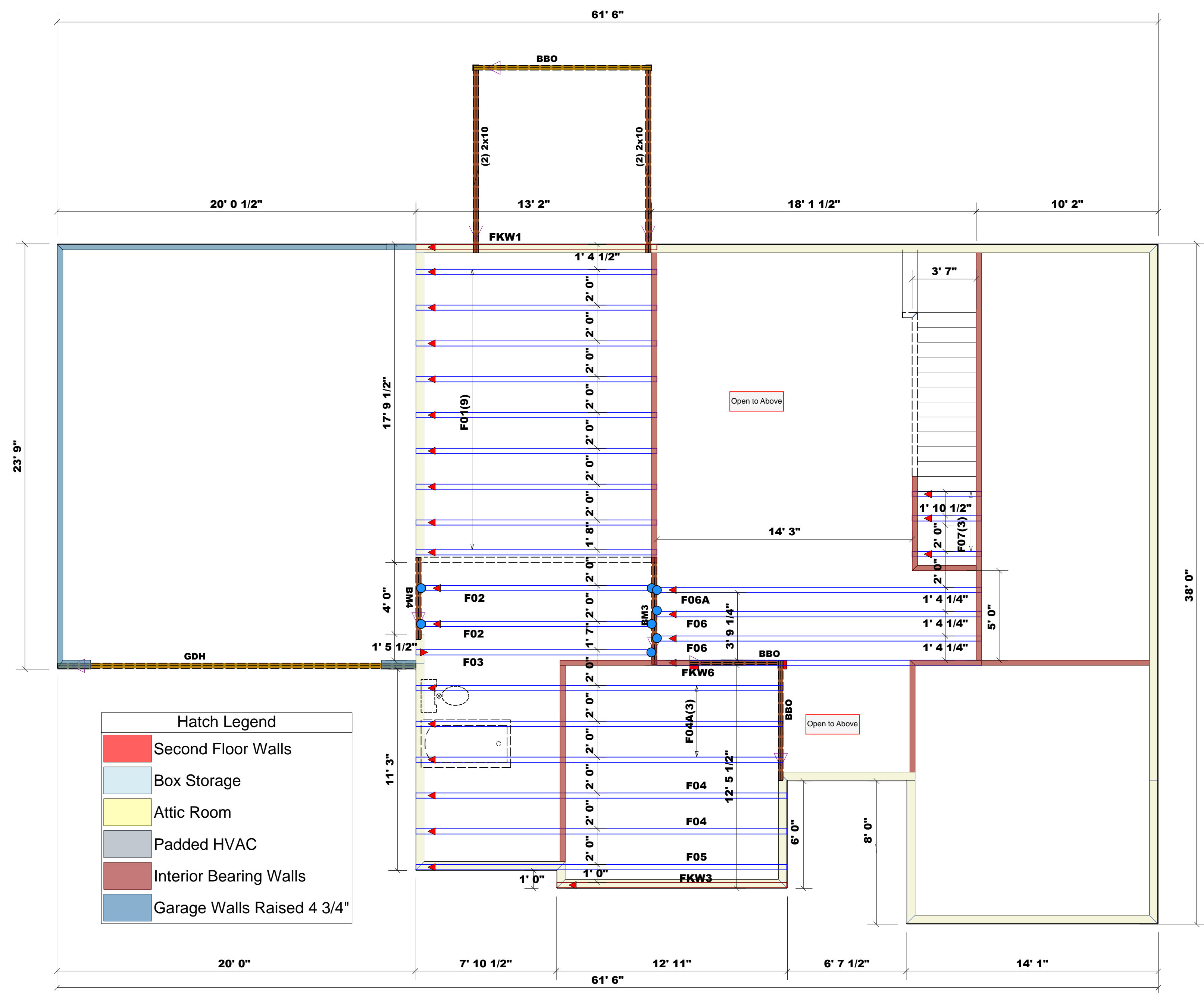
Bearing reactions less than or equal to 3000# are deemed to comply with the prescriptive Code requirements. The contractor shall refer to the attached Tables ( derived from the prescriptive Code requirements ) to determine the minimum foundation size and number of wood studs required to support reactions 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. STUDS FOR (1) 1x4 HEADER | END REACTION (UP TO) | REQ. STUDS FOR (2) 1x4 HEADER | END REACTION (UP TO) | REQ. STUDS FOR (3) 1x4 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                             |                      |                               |                      |                               |



**Hatch Legend**

|            |                            |
|------------|----------------------------|
| Red        | Second Floor Walls         |
| Light Blue | Box Storage                |
| Yellow     | Attic Room                 |
| Grey       | Padded HVAC                |
| Dark Red   | Interior Bearing Walls     |
| Blue       | Garage Walls Raised 4 3/4" |

**Products**

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

**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

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

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

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

| BUILDER                | JOB NAME              | PLAN   | SEAL DATE | QUOTE #          | JOB #        |
|------------------------|-----------------------|--------|-----------|------------------|--------------|
| Precision Custom Homes | Lot 65 Liberty Meadow | Ragnar | 08/11/23  | Quote #          | J01123-6513  |
| COUNTY                 | ADDRESS               | MODEL  | DATE REV. | DRAWN BY         | SALESMAN     |
| Harnett                | Lot 65 Liberty Meadow | Floor  | 12/27/23  | 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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Signature  
**Hampton Horrocks**

**LOAD CHART FOR JACK STUDS**

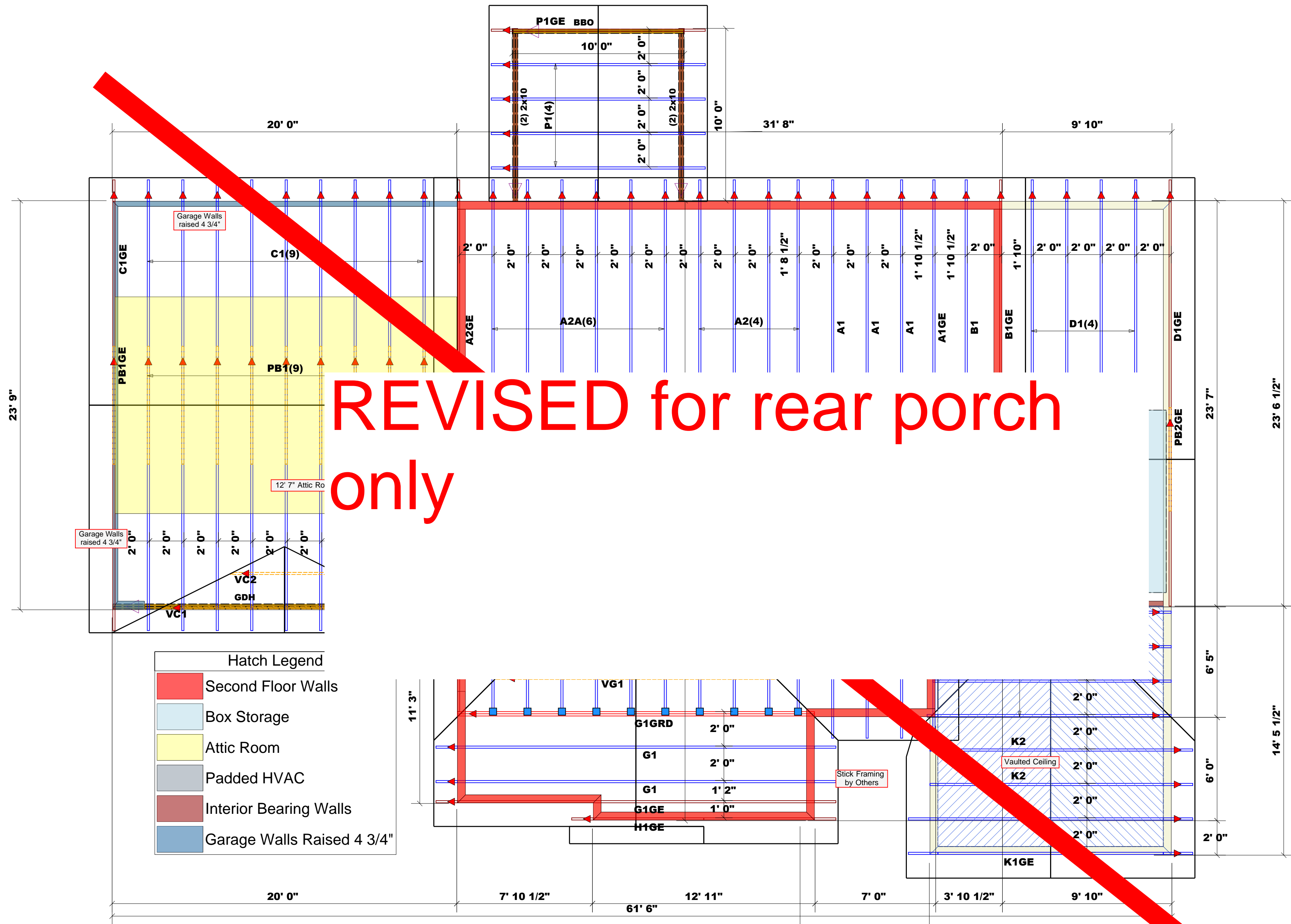
(BASED ON TABLES R502.5(1) & (b))  
NUMBER OF JACK STUDS REQUIRED @ EA END OF HEADER/GIRDER

| END REACTION (UP TO) | REQ'D STUDS FOR (1) 1/2" HEADER | END REACTION (UP TO) | REQ'D STUDS FOR (1) 1/2" HEADER | END REACTION (UP TO) | REQ'D STUDS FOR (1) 1/2" 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  | ADDRESS               | MODEL | DATE REV. | DRAWN BY         | SALESMAN     |
|---------|-----------------------|-------|-----------|------------------|--------------|
| Harnett | Lot 65 Liberty Meadow | Roof  | 12/27/23  | Hampton Horrocks | Neil Baggott |

| BUILDER                | JOB NAME              | PLAN   | SEAL DATE | QUOTE # | JOB #      |
|------------------------|-----------------------|--------|-----------|---------|------------|
| Precision Custom Homes | Lot 65 Liberty Meadow | Ragnar | 08/11/23  | Quote # | J1123-6512 |

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**REVISED for rear porch only**

**Hatch Legend**

|                    |                            |
|--------------------|----------------------------|
| [Red Hatch]        | Second Floor Walls         |
| [Light Blue Hatch] | Box Storage                |
| [Yellow Hatch]     | Attic Room                 |
| [Grey Hatch]       | Padded HVAC                |
| [Brown Hatch]      | Interior Bearing Walls     |
| [Blue Hatch]       | Garage Walls Raised 4 3/4" |

**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      |
| [Blue Box]            | HUS26   | USP   | 10  | Varies           | 16d/3-1/2"       | 16d/3-1/2" |

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

Red Hatching Indicates  
2nd Floor Plate Height

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



# ROOF & FLOOR TRUSSES & BEAMS

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

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Signature  
**Hampton Horrocks**

### LOAD CHART FOR JACK STUDS

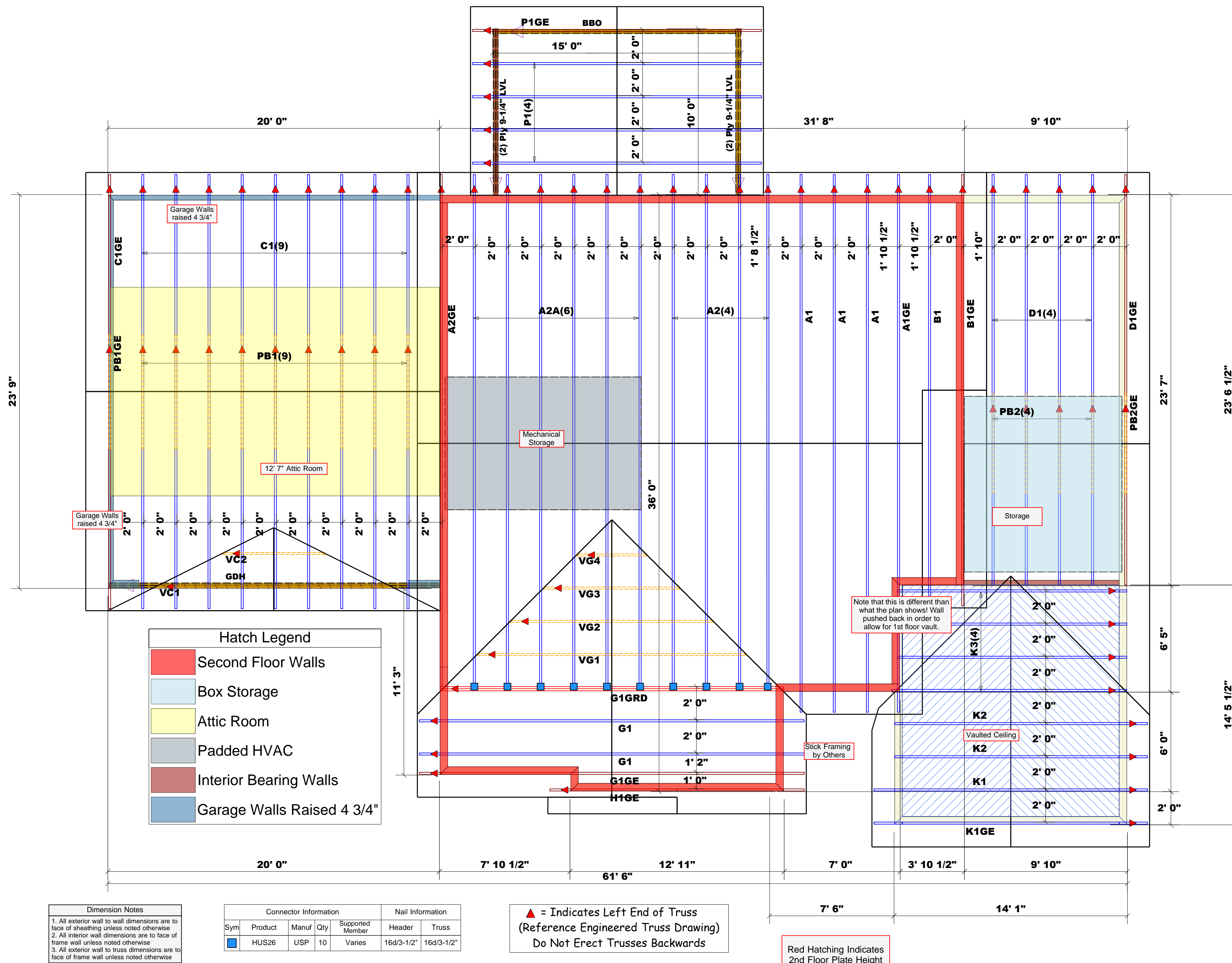
(BASED ON TABLES R502.5(1) & (b))  
NUMBER OF JACK STUDS REQUIRED @ EA END OF HEADER/GIRDER

| END REACTION (UP TO) | REQ. STUDS FOR (1) 1" X 4" HEADER | END REACTION (UP TO) | REQ. STUDS FOR (1) 1" X 4" HEADER | END REACTION (UP TO) | REQ. STUDS FOR (1) 1" X 4" 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  | ADDRESS               | MODEL | DATE REV. | DRAWN BY         | SALESMAN     |
|---------|-----------------------|-------|-----------|------------------|--------------|
| Harnett | Lot 65 Liberty Meadow | Roof  | 01/22/24  | Hampton Horrocks | Neil Baggott |

| BUILDER                | JOB NAME                    | PLAN   | SEAL DATE | QUOTE # | JOB #      |
|------------------------|-----------------------------|--------|-----------|---------|------------|
| Precision Custom Homes | Lot 65 Liberty Meadow Porch | Ragnar | 08/11/23  |         | J0124-0366 |

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

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

Red Hatching Indicates  
2nd Floor Plate Height

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