

# TRIPLE A HOMES

## Lot 46 McLaurin Farm

### Fuquay-Varina, North Carolina

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#### GENERAL NOTES

- ALL WORK TO BE DONE IN STRICT ACCORDANCE WITH NORTH CAROLINA STATE RESIDENTIAL BUILDING CODE, 2018 EDITION (HEREWITH SHOWN AS N.C.S.R.B.C.).
- DIMENSIONS SHOWN ON DRAWINGS GOVERN OVER SCALE.
- STUD WALL DESIGN SHALL CONFORM TO ALL N.C.S.R.B.C. REQUIREMENTS
- CONTRACTOR SHALL USE TEMPERED SAFETY GLASS IN ALL LOCATIONS AS REQUIRED BY N.C.S.R.B.C., 2018 EDITION, SECTION R308.4.
- ANY HABITABLE ROOM SHALL MEET ALL LIGHT, VENTILATION, AND EGRESS AS REQUIRED BY N.C.S.R.B.C. 2018 EDITION, SECTIONS R-303.1 AND R-310.1.
- ALL WALLS SHOWN ON FLOOR PLANS ARE 2X4 FRAME UNLESS NOTED OTHERWISE.
- ALL ANGLED WALLS SHOWN ON FLOOR PLANS ARE 45 UNLESS NOTED OTHERWISE.
- ALL WINDOWS SHALL HAVE A MINIMUM DPI RATING OF 25. BUILDER SHALL VERIFY WITH WINDOW MANUFACTURER THAT UNITS INSTALLED MEET THESE REQUIREMENTS AS PER N.C.S.R.B.C., 2018 EDITION, TABLE 301.2(4).
- ENERGY EFFICIENCY REQUIREMENTS FOR THE SPECIFIC CLIMATE ZONE WHERE STRUCTURE IS BEING BUILT SHALL BE IN ACCORDANCE WITH CHAPTER 11 OF THE N.C.S.R.B.C., 2018 EDITION, AS SHOWN IN SECTION N1101.2.

#### FOUNDATION VENTILATION CALCULATIONS

REFERENCE: N.C.S.R.B.C. 2018 EDITION  
SECTION R408

NOT APPLICABLE WITH SEALED CRAWL  
FOUNDATIONS

#### ATTIC VENTILATION REQUIREMENTS

NATURAL ROOF VENTILATION CALCULATIONS  
3013 SF / 150 = **20.09** SF VENT REQ'D

MECHANICAL ROOF VENTILATION CALCULATIONS  
3013 SF / 300 = **10.04** SF VENT REQ'D

BUILDER TO PROVIDE APPROPRIATE  
VENTILATING AS REQUIRED PER CODE

#### OVERALL DIMENSIONS

WIDTH: 60'-4"  
DEPTH: 68'-5"

#### RESIDENTIAL BUILDING CODE SUMMARY

1. PLANS ARE DESIGNED TO THE 2018  
N.C.S.R.B.C.

2. HOUSE IS DESIGNED FOR 115 MPH  
ULTIMATE DESIGN WIND SPEED (89 MPH  
NOMINAL DESIGN WIND SPEED),  
EXPOSURE B.

3. ANCHOR BOLTS SHALL BE MIN. 1/2"  
DIAMETER AND SHALL EXTEND 7" MIN.  
INTO MASONRY OR CONCRETE. BOLTS TO  
BE NO MORE THAN 6' O.C. AND WITHIN 12"  
FROM THE CORNER.

4. MEAN ROOF HEIGHT: 32'-4"

5. COMPONENT & CLADDING DESIGNED  
FOR THE FOLLOWING LOADS:

| MEAN ROOF HGT: | UP TO 30'  | 30'-1" TO 35' | 35'-1" TO 40' | 40'-1" TO 45' |
|----------------|------------|---------------|---------------|---------------|
| ZONE 1         | 16.5,-18.0 | 17.3,-18.9    | 17.3,-18.9    | 17.3,-18.9    |
| ZONE 2         | 16.5,-21.0 | 17.3,-22.1    | 17.3,-22.1    | 17.3,-22.1    |
| ZONE 3         | 16.5,-21.0 | 17.3,-22.1    | 17.3,-22.1    | 17.3,-22.1    |
| ZONE 4         | 18.0,-19.5 | 18.9,-20.5    | 18.9,-20.5    | 18.9,-20.5    |
| ZONE 5         | 18.0,-24.1 | 18.9,-25.3    | 18.9,-25.3    | 18.9,-25.3    |

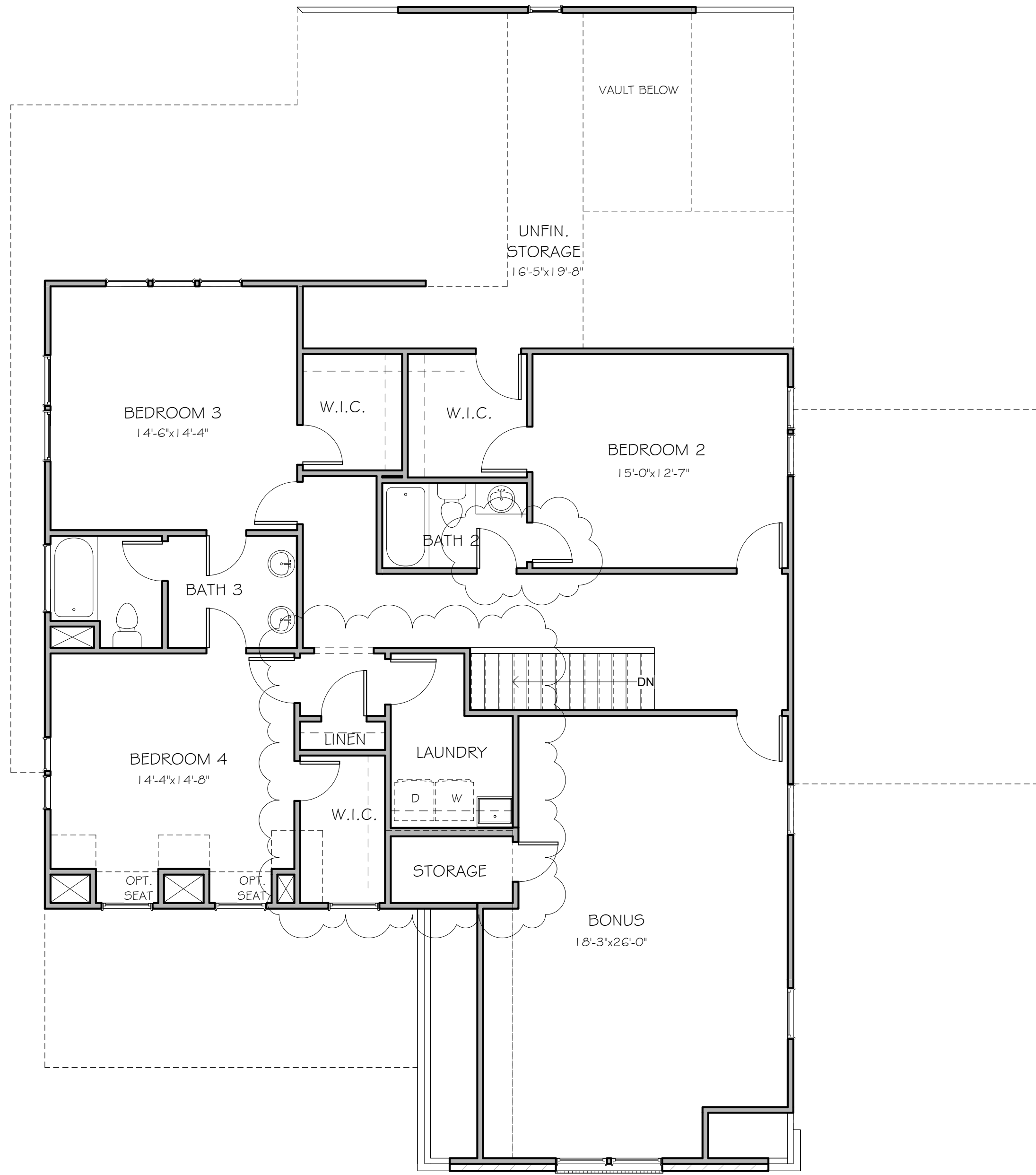
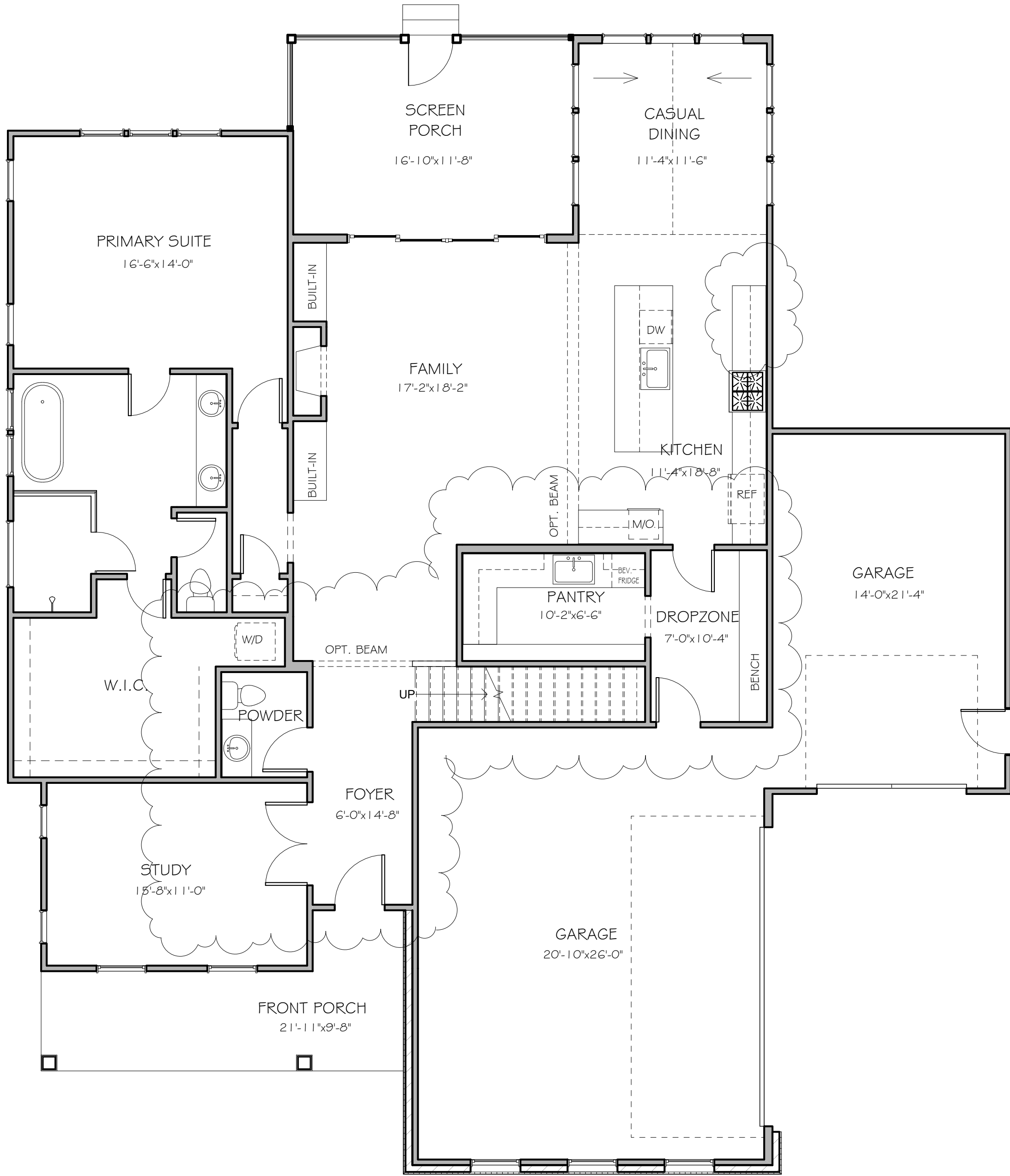
6. MINIMUM VALUES FOR ENERGY  
COMPLIANCE: Zone 4

7. MAXIMUM GLAZING U-FACTOR: .35

8. INSULATING VALUES:  
CEILING: R-38  
WALLS: R-15  
FLOOR: R-19  
SLABS: R-10  
CODE REFERENCE: TABLE N1102.1

#### AREA CALCULATIONS

| HEATED (SQ. FT.) | UNHEATED (SQ. FT.)  |
|------------------|---------------------|
| 1ST FLOOR: 1932  | 2ND FLOOR: 229      |
| 2ND FLOOR: 1738  | GARAGE: 877         |
|                  | FRONT PORCH: 159    |
| TOTAL: 3670      | SCREENED PORCH: 204 |
|                  | TOTAL: 1469         |



Date Drawn

7/22/25

Revision Date

9/19/25

11/12/25

12/22/25

Sheet

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The purpose of these drawings is to show the intent of the design and construction of this home. Contractor should verify all conditions and dimensions prior to construction. Once a permit has been issued, contractor shall assume all responsibility to the accuracy of the plans and any changes made during construction.

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**TRIPLE A HOMES**  
**LOT 46, MCLAURIN FARM**  
**FUQUAY-VARINA, NORTH CAROLINA**

| Date Drawn    |
|---------------|
| 6/27/25       |
| Revision Date |
| 9/19/25       |
| 11/12/25      |
| 12/22/25      |



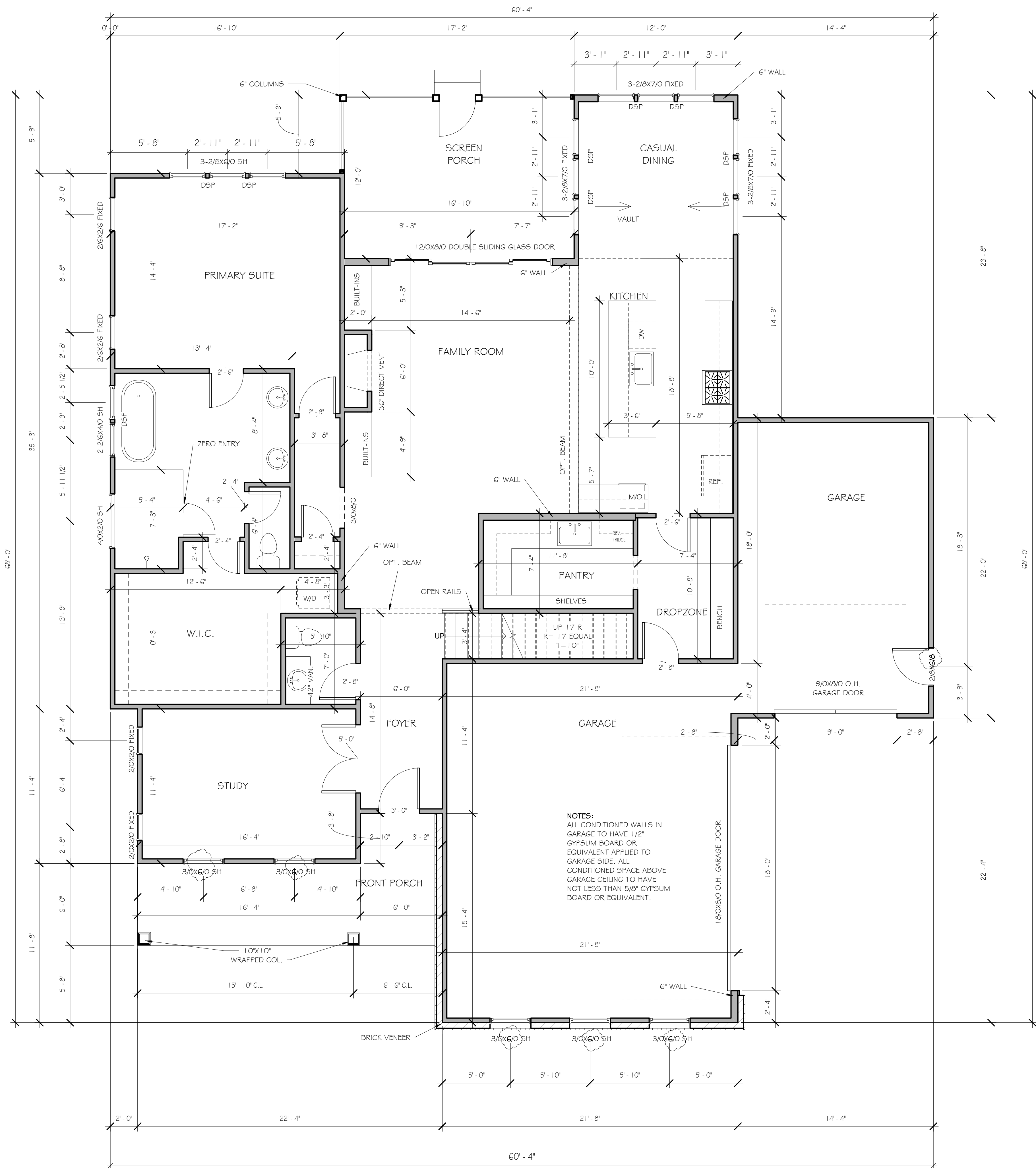
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FIRST FLOOR

1/4" = 1'-0"

- NOTES:
- FIRST FLOOR
- 10'-0" CEILING HEIGHT (TYP.) U.N.O.
  - ALL DOORS AND CASED OPENINGS TO BE 8'-0" TALL U.N.O.
  - SET WINDOWS @ 8'-0" A.F.F. (TYP.) U.N.O.
  - ALL WALLS ARE DRAWN 4" THICK U.N.O.
  - ANGLED WALLS ARE DRAWN @ 45 U.N.O.
  - ROUGH FRAME ALL CASED OPENINGS 2" BIGGER THAN FINISHED OPENING CALLS FOR
  - PROVIDE 2X4 BLOCKING FOR TOILET PAPER HOLDER, TOWEL BARS, AND MEDICINE CABINET
  - STAIRS: UP 17R (TYP) FIRST FLOOR TO SECOND FLOOR
  - SMOKE DETECTOR LOCATION AND NUMBER SHALL CONFORM TO NEC.

BOTTOM OF WINDOW CLEAR OPENINGS SHALL BE MORE THAN 24" A.F.F. OR A FALL PREVENTION DEVICE SHALL BE INSTALLED IN ACCORDANCE WITH SECTION R312.3 OF THE 2018 NC BUILDING CODE.

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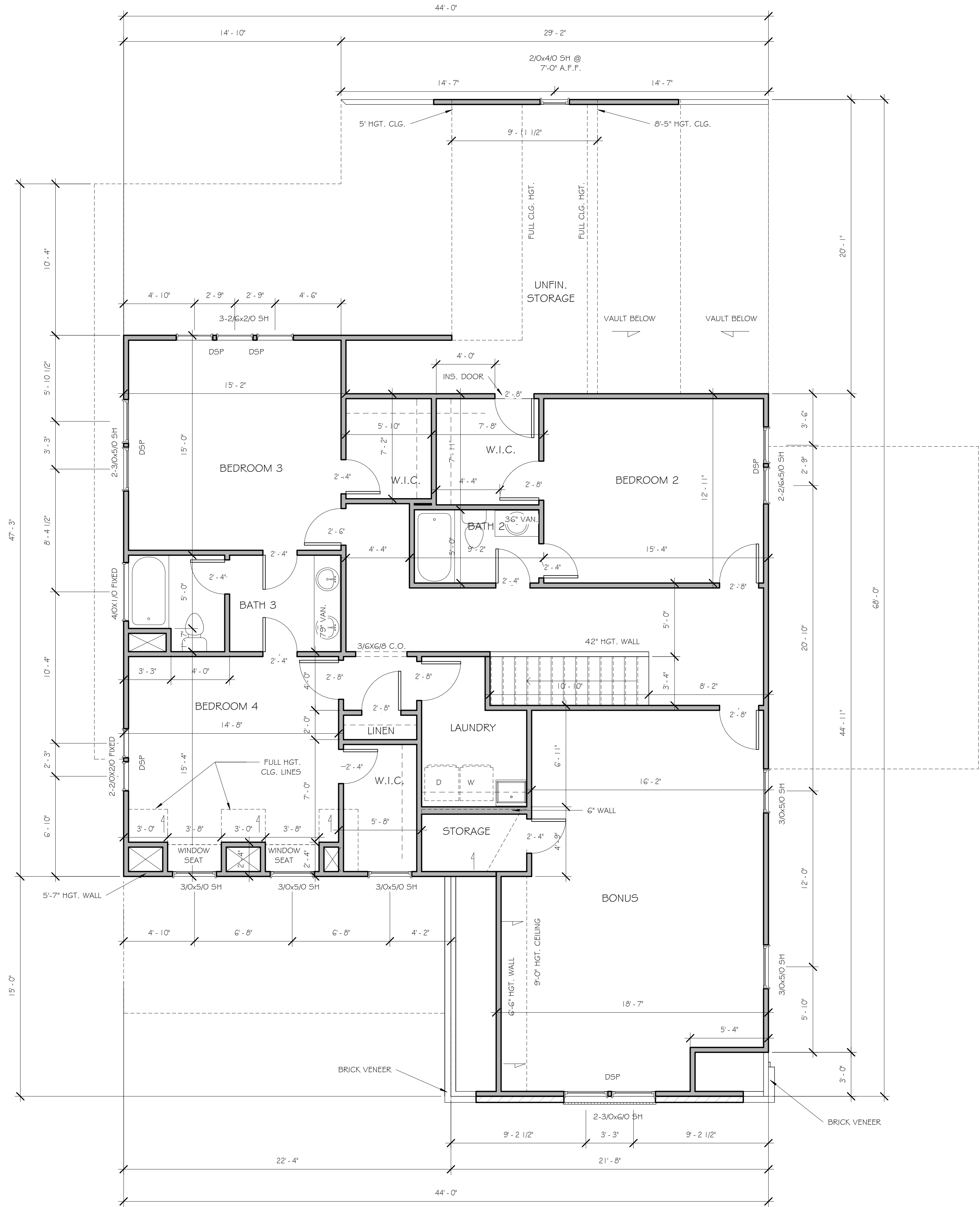
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SECOND FLOOR  
1/4" = 1'-0"

NOTES:

- SECOND FLOOR  
-9'-0" CEILING HEIGHT (TYP.) U.N.O.  
-ALL DOORS AND CASED OPENINGS TO BE 6'-8" TALL U.N.O.  
-SET WINDOWS @ 8'-0" A.F.F. (TYP.) U.N.O.  
-ALL WALLS ARE DRAWN 4" THICK U.N.O.  
-ANGLED WALLS ARE DRAWN @ 45 U.N.O.  
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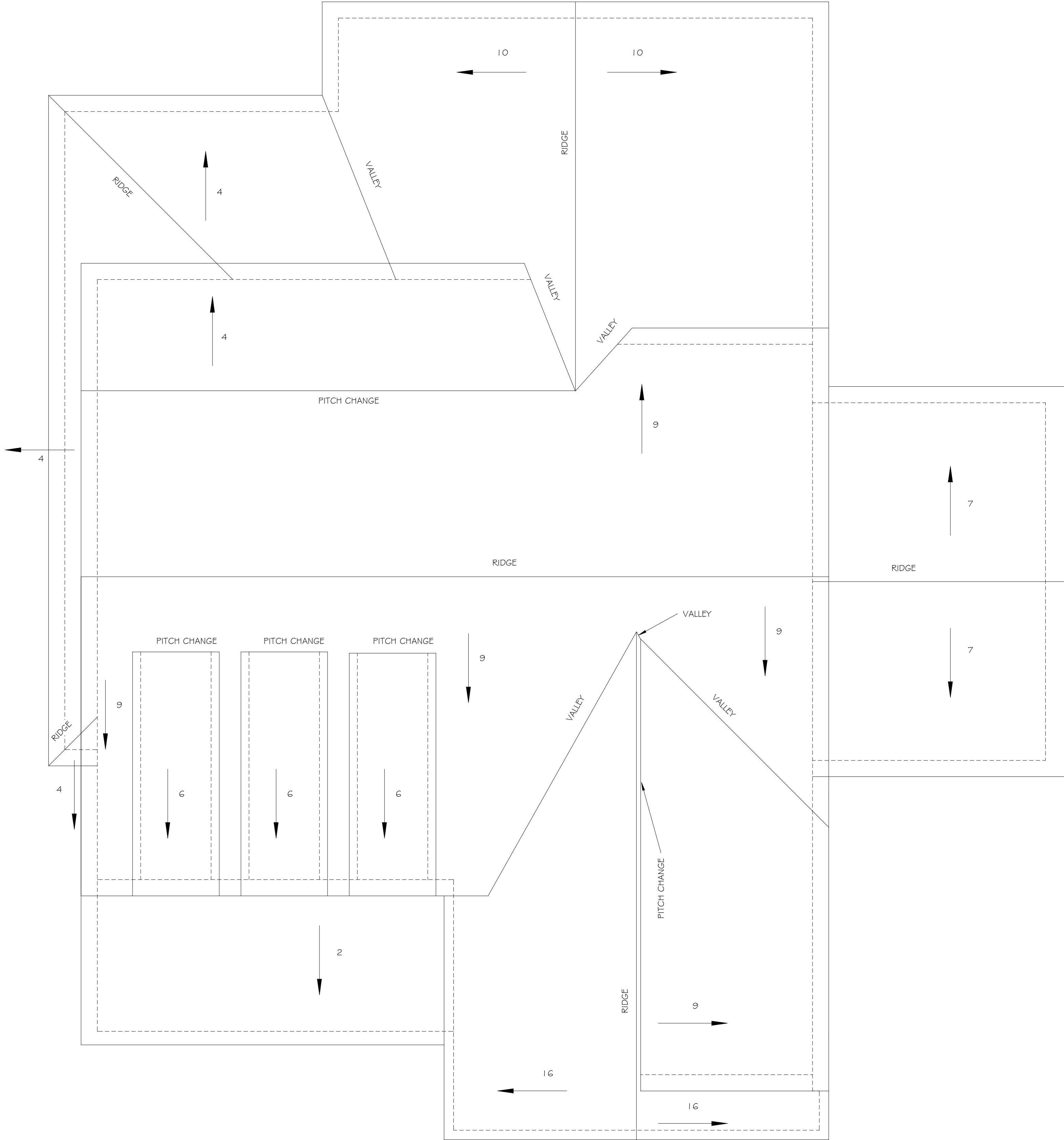
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ROOF PLAN  
1/4" = 1'-0"

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