

★

WAKE COUNTY

NORTH CAROLINA

PLANS APPROVED BY

WAKE COUNTY N.C. P.D.I.

THIS APPROVAL ENCOMPASSES BUILDING CONSTRUCTION, OCCUPANCY, USE AND YARD SPACES. IT IS NOT A PERMIT NOR SHALL IT BE CONSTRUED TO PERMIT ANY VIOLATION OF COUNTY, STATE OR FEDERAL LAWS.

*Terry Biegger* Building Review

BUILDING INSPECTOR / PLANS EXAMINER

06/11/2021



Purchaser must verify all dimensions and conditions before beginning construction.

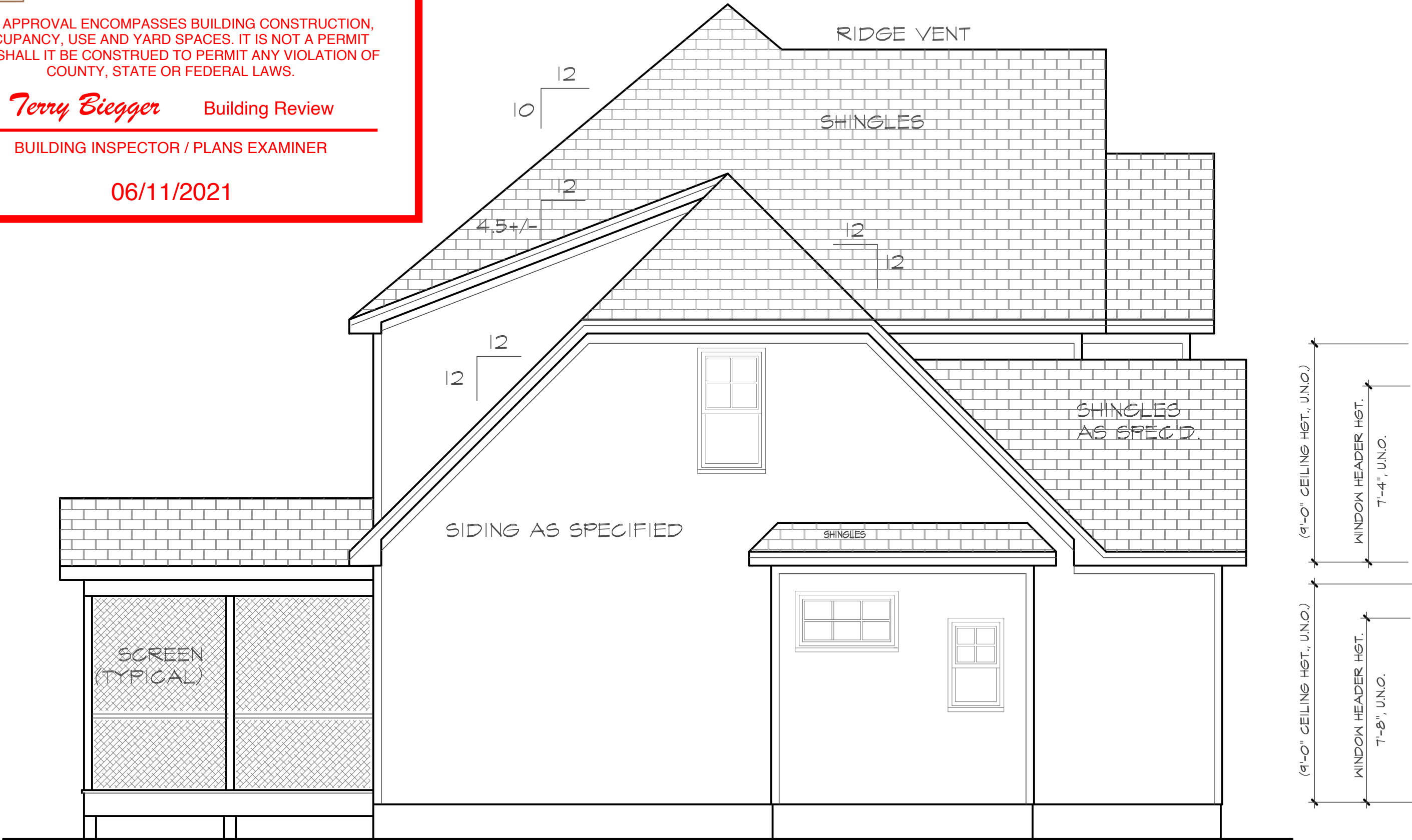
MidTown Designs Inc. assumes no liability for contractors practices and procedures

These drawings are instruments of service and as such shall remain property of the designer

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THIS PLAN DESIGNED UNDER NORTH CAROLINA  
RESIDENTIAL CODE 2018 EDITION (2015 IRC)

NC (2018 NCRC) - Wind - 110 - 130 mph



LEFT SIDE ELEVATION  
SCALE 1/8" = 1'0"



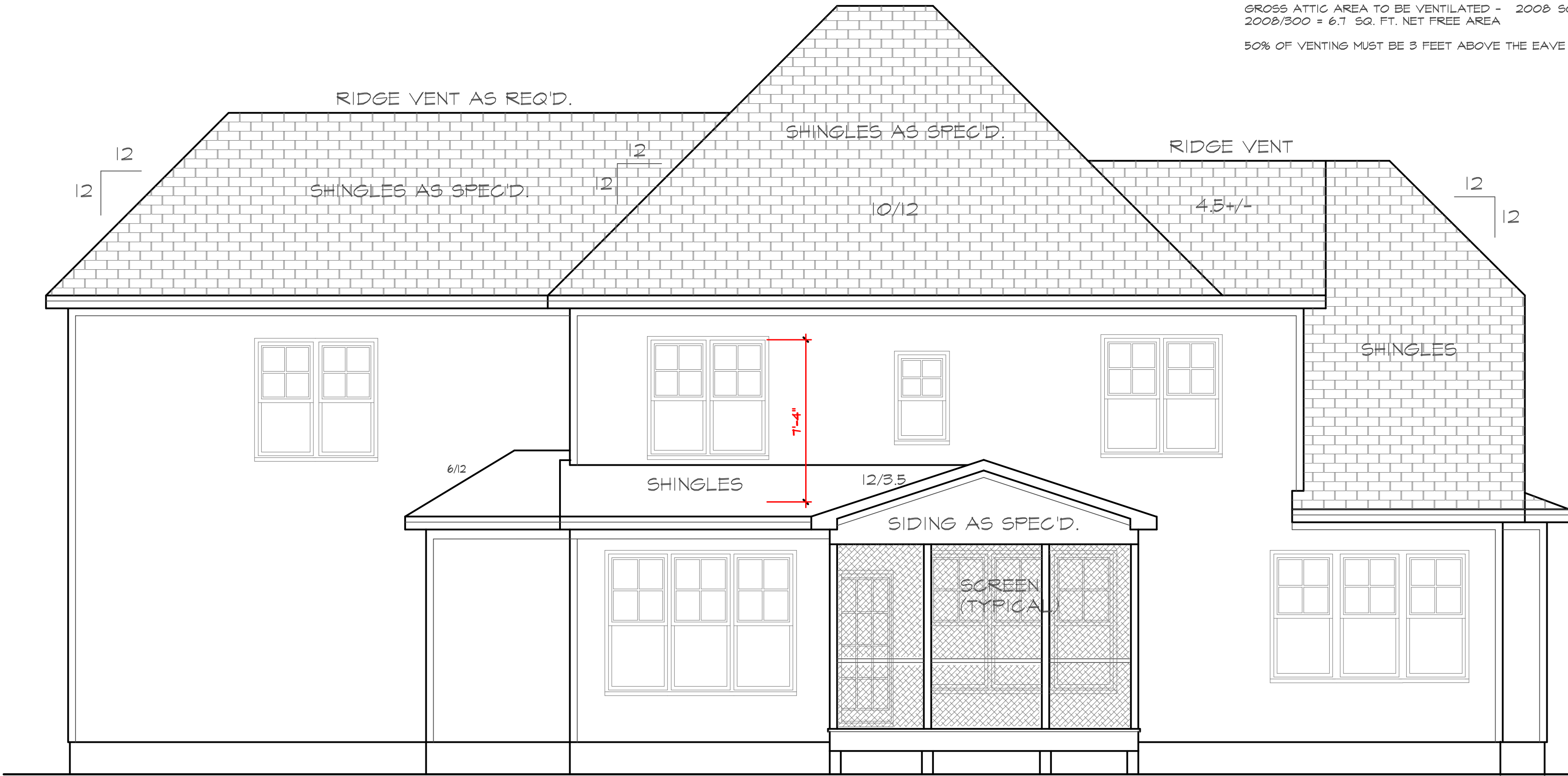
FRONT ELEVATION  
SCALE 1/4" = 1'0"

ATTIC VENTILATION

THE NET FREE VENTILATING AREA SHALL BE NOT LESS THAN 1 TO 150 OF THE AREA OF THE SPACE VENTILATED EXCEPT THAT THE AREA MAY BE 1 TO 300, PROVIDED AT LEAST 50 PERCENT OF THE REQUIRED VENTILATING AREA IS PROVIDED BY VENTILATORS LOCATED IN THE UPPER PORTION OF THE SPACE TO BE VENTILATED AT LEAST 5 FEET ABOVE THE EAVE OR CORNICE VENTS WITH THE BALANCE OF THE REQUIRED VENTILATION TO BE PROVIDED BY EAVE OR CORNICE VENTS.

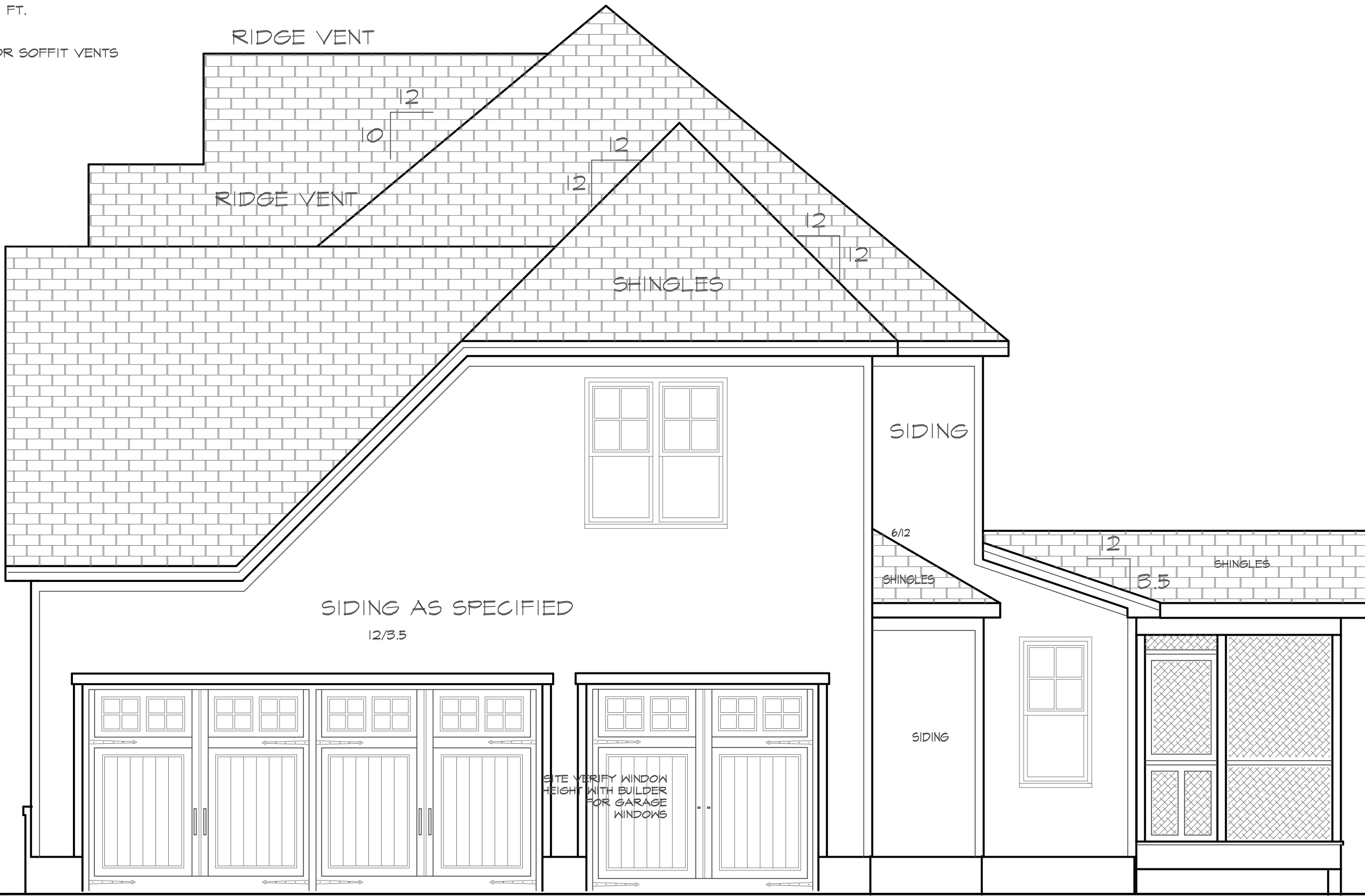
GROSS ATTIC AREA TO BE VENTILATED - 2008 SQ. FT.  
2008/300 = 6.7 SQ. FT. NET FREE AREA

50% OF VENTING MUST BE 3 FEET ABOVE THE EAVE OR SOFFIT VENTS



REAR ELEVATION  
SCALE 1/8" = 1'0"

STEPS TO PATIO  
SITE SPECIFIC



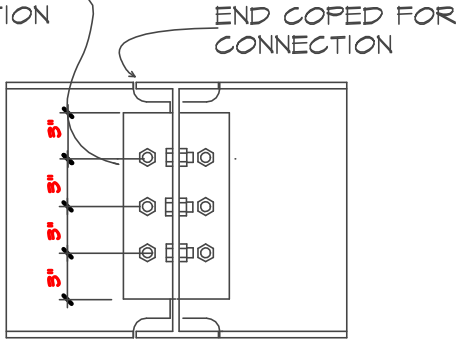
RIGHT SIDE ELEVATION  
SCALE 1/8" = 1'0"

Haven Homes  
Lot 12 Cresent Ridge

5/5/2021  
PROJECT #  
210305



ATTACH BEAMS WITH A  
L 12" X 5 1/2" X 1/2" STEEL  
ANGLE EACH SIDE  
USE (3) 5/8" DIA. A325  
BOLTS PER CONNECTION



PLAN VIEW

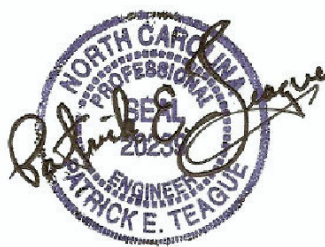
NOTE: TOP FLANGE  
OF BEAM CUTAWAY  
TO SHOW DETAIL

END COPED FOR  
CONNECTION

W 16 BEAM CONNECTION DETAIL 2

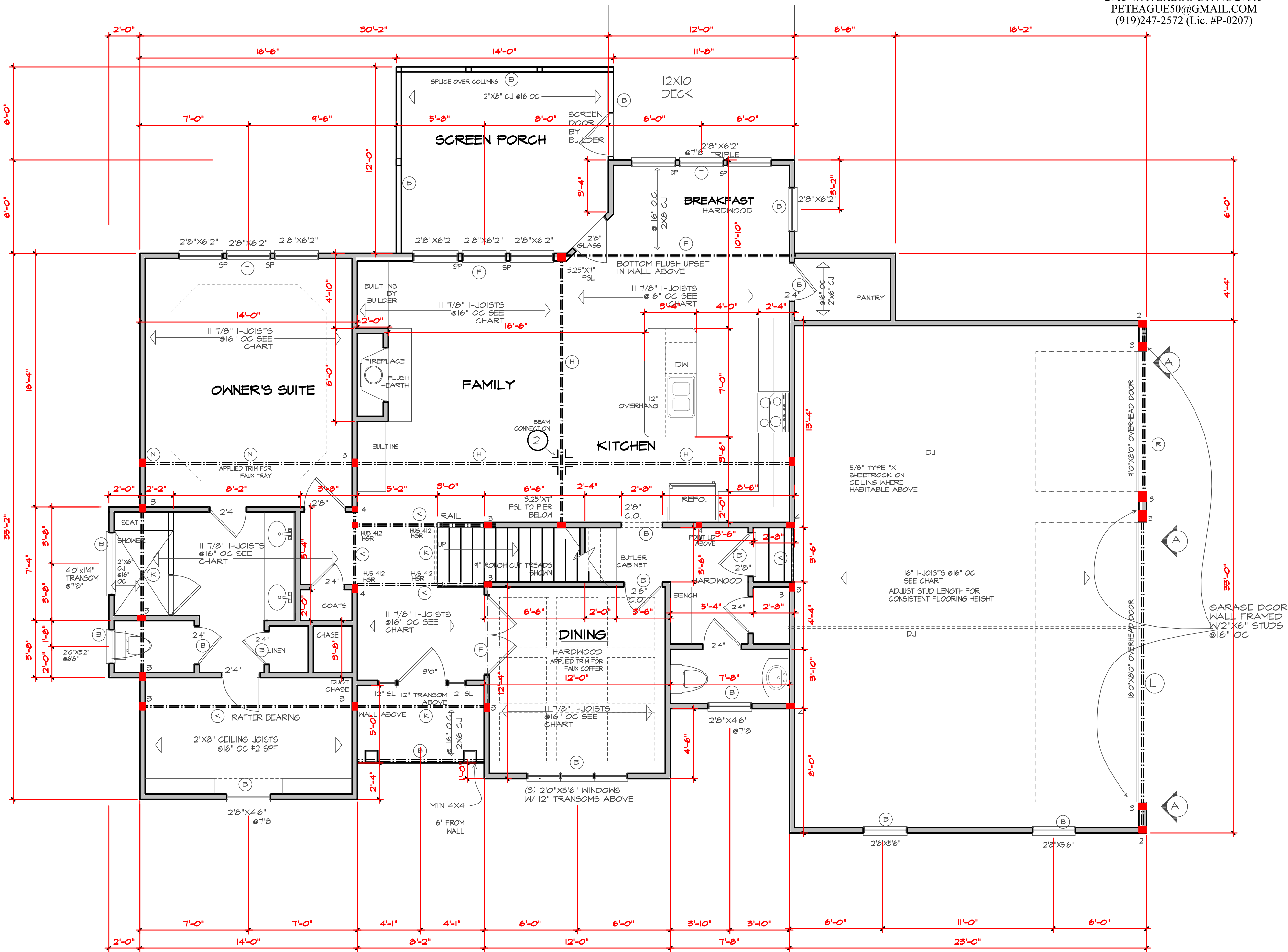
WALL BRACING NOTES:

- WALL BRACING SHALL BE IN ACCORDANCE WITH SECTION R602.10.3  
CONTINUOUS SHEATHING, BRACING METHOD CG-WSP SHALL BE USED  
IN ACCORDANCE WITH TABLE R602.10.1.
1. THE REQUIRED LENGTH OF BRACING FOR EACH SIDE OF A RECTANGLE  
CIRCUMSCRIBED AROUND THE PLAN OR A PORTION OF THE PLAN AT  
EACH STORY LEVEL SHALL BE IN ACCORDANCE WITH TABLE R602.10.3  
AND FIGURE R602.10.3(1) UNLESS NOTED OTHERWISE. THE ENTIRE  
STRUCTURE IS ASSUMED TO BE CIRCUMSCRIBED WITHIN A SINGLE  
RECTANGLE.
2. MINIMUM PANEL WIDTH IS 24". SEE SECTION R602.10.3 FOR ADDITIONAL  
INFORMATION. CONNECTION CRITERIA SHALL BE IN ACCORDANCE WITH  
FIGURE R602.10.1.
3. PORTAL FRAME CONSTRUCTION SHALL BE IN ACCORDANCE WITH  
FIGURE R602.10.1.
4. HOLD DOWN DEVICE SHALL BE AS FOLLOWS:  
SIMPSON LSTA2 STRAP (OR EQUIVALENT) BETWEEN FLOORS EXTENDING  
FROM BOTTOM OF FLOOR BAND AND UP THE STUDS PER SITE PER BUILDER  
SIMPSON HD38 HOLD DOWN (OR EQUIVALENT) WHERE REQUIRED TO  
CONNECT DIRECTLY TO FOUNDATION.



5/2/2021  
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(919)247-2572 (Lic. #P-0207)

- BEAM SCHEDULE
- (A) 2-2"x10" FLUSH
  - (B) 2-2"x10" DROPPED
  - (C) 2-2"x8" FLUSH
  - (D) 2-2"x8" DROPPED
  - (E) 2-1.75"x9.25" LVL FLUSH
  - (F) 2-1.75"x9.25" LVL DROPPED
  - (G) 3-1.75"x9.25" LVL FLUSH
  - (H) W 10X26 STEEL FLUSH
  - (J) W 8X40 OR W 10X30 FLUSH
  - (K) 2-1.75"x12 7/8" LVL FLUSH
  - (L) 2-1.75"x12 7/8" LVL DROPPED
  - (M) 2-1.75"x18" LVL DROPPED
  - (N) 3-1.75"x18" LVL TOP FLUSH
  - (P) 2-1.75"x14" LVL BOTTOM FLUSH
  - (R) 2-1.75"x14" LVL DROPPED



- 1-JOIST OPTIONS
- TJI 230 SERIES
  - BLULINX BLI 60
  - BCI 60 SERIES
  - GPI 65 SERIES
  - LPI 32 PLUS

FIRST FLOOR PLAN  
SCALE 1/4" = 1'-0"

| SQUARE FOOTAGE             |              |
|----------------------------|--------------|
| FIRST FLOOR                | 1,477 SQ.FT. |
| SECOND FLOOR               | 1,545 SQ.FT. |
| TOTAL HTD.                 | 3,022 SQ.FT. |
| GARAGE = 758 SQ.FT.        |              |
| SCREENED FRCH = 162 SQ.FT. |              |
| DECK = 120 SQ.FT.          |              |
| STORAGE = 315 SQ.FT.       |              |



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Haven Homes Lot 12 Cresent Ridge

MidTown Designs Inc. 1529 Big Falls Dr. Wendell NC 27591 Phone: 919-783-8626 www.midtowndesigns.com

|           |          |
|-----------|----------|
| DATE      | 5/2/2021 |
| PROJECT # | 210305   |



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Haven Homes      Lot 12 Cresent Ridge

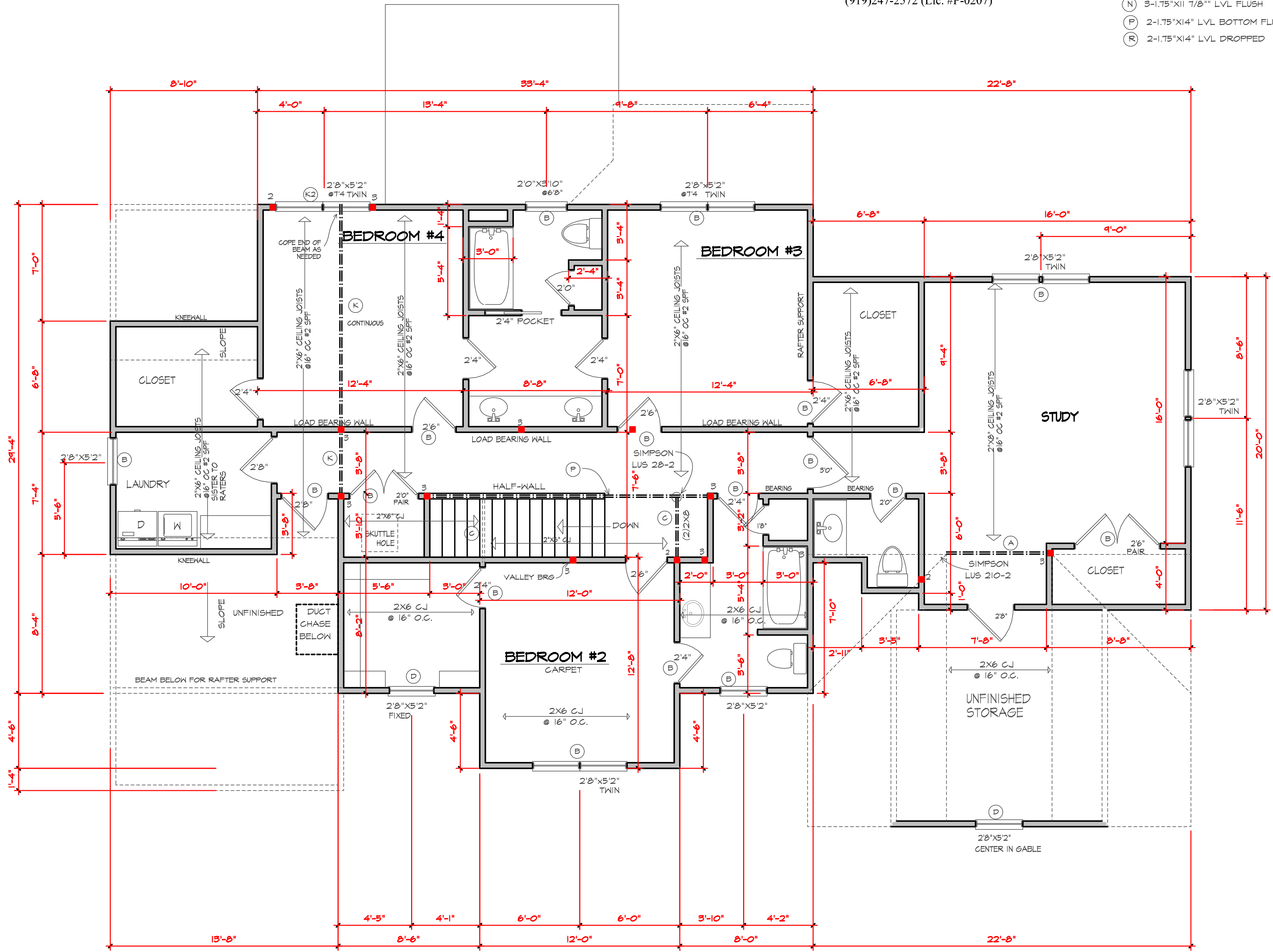
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SECOND FLOOR PLAN  
SCALE 1/4" = 1'-0"