ALL DIMENSIONS ARE TO BE VERIFIED BY OWNER/BUILDER BEFORE CONSTRUCTION BEGINS. ONCE CONSTRUCTION HAS BEGUN, DESIGNER IS RELEASED FROM ANY AND ALL LIABILITY ASSOCIATED WITH THE CONSTRUCTION OF THIS CUSTOM RESIDENCE. THIS PLAN IS DESIGNED UNDER THE 2018 NORTH CAROLINA RESIDENTIAL CODE

PLANS DESIGNED TO THE 2018 NORTH CAROLINA RESIDENTIAL CODE PLANS DESIGNED FOR MIN. 115 MPH 3 SECOND GUST (89 MPH FASTEST WIND), EXPOSURE B ANCHOR BOLTS TO BE MIN. 1/2" DIAMETER & SHALL EXTEND A MINIMUM OF 7" INTO MASONRY OR CONCRETE. ANCHOR BOLTS TO BE NO MORE THAN 6' O.C. AND WITHIN 12" OF THE CORNER.

MEAN ROOF HEIGHT = < 30'-0"

COMPONENT & CLADDING FOR THESE PLANS SHALL BE DESIGNED TO MEET SECTION R301.2.1, TABLE R301.2(2) AND R301.2(6) ADJUSTED FOR MEAN ROOF HEIGHT AND EXPOSURE.

MINIMUM VALUES FOR ENERGY COMPLIANCE:

ZONE 4 MAX GLAZING U-FACTOR = 0.35 CEILING R-38 WALLS R-15 FLOORS R-19, SLABS R-10



### **PLANS APPROVED BY WAKE COUNTY N.C. P.D.I.**

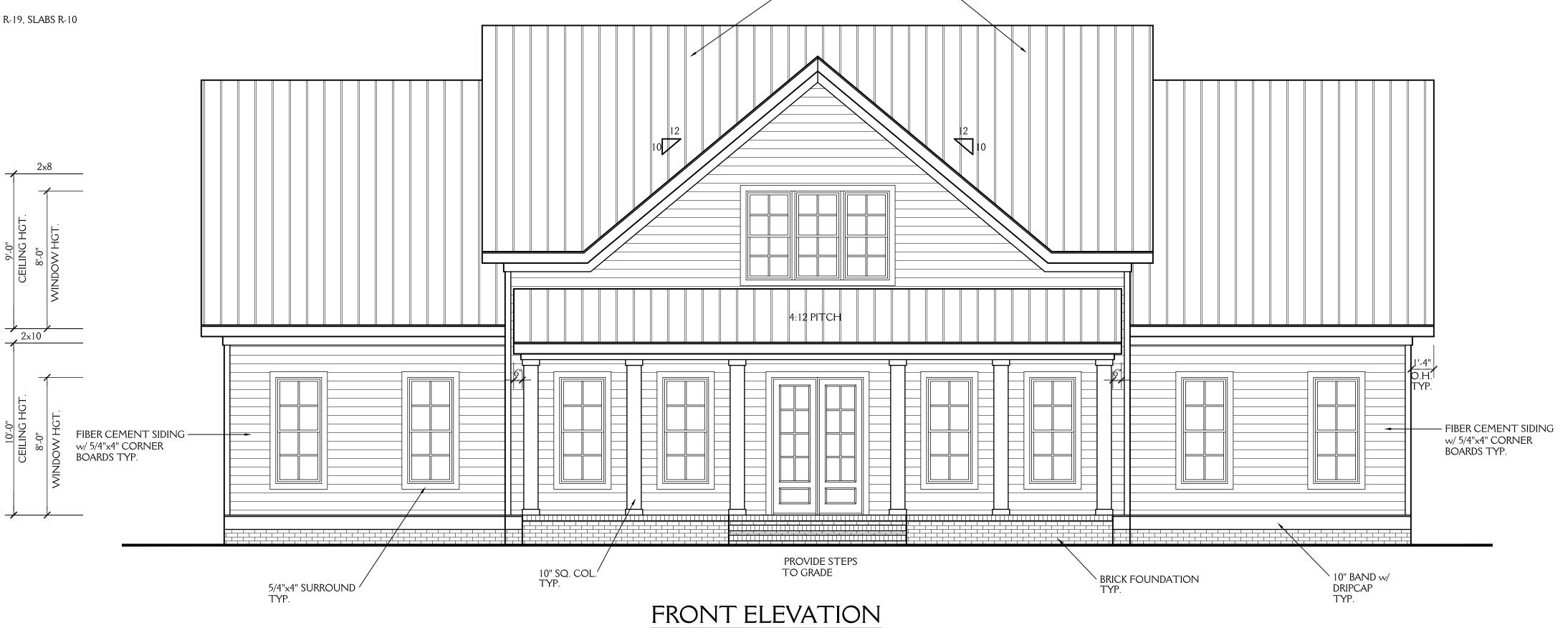
THIS APPROVAL ENCOMPASSES BUILDING CONSTRUCTION, OCCUPANCY, USE AND YARD SPACES. IT IS NOT A PERMIT NOR SHALL IT BE CONSTRUED TO PERMIT ANY VIOLATION OF COUNTY, STATE OR FEDERAL LAWS.

7erry Biegger Building Review

BUILDING INSPECTOR / PLANS EXAMINER

04/06/2022

Contractor is required to provide field building inspector engineered floor truss design package and layout at framing inspection.



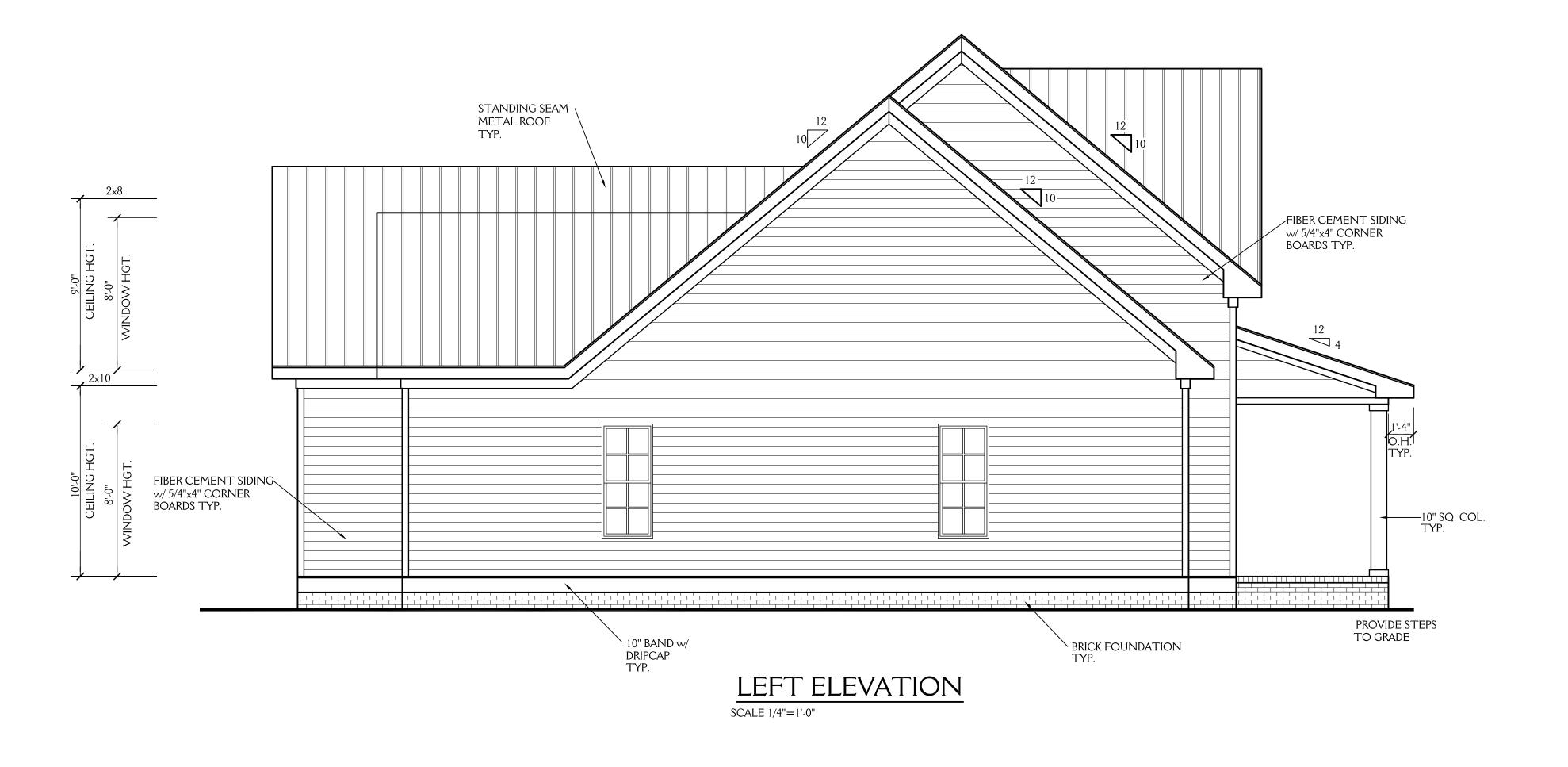
STANDING SEAM METAL ROOF

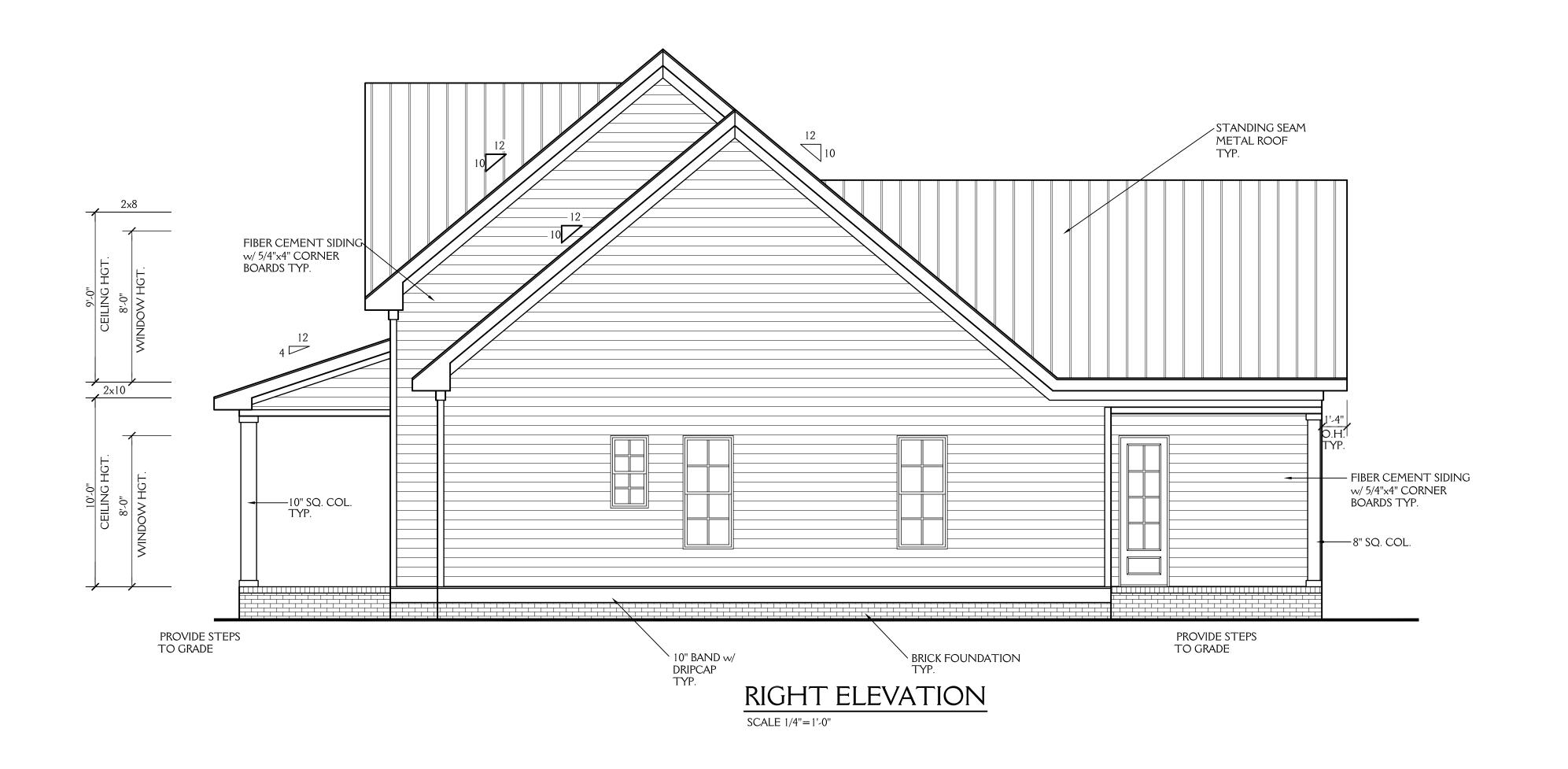


J&W CUSTOM HOMES						
	SHEET 1					
DRAWN BY:	JD	DATE:	2-24-22	<b>☐ I</b> OF 5		
REVISIONS:				PROJECT NO		
				2202		

NOTE:

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BEFORE CONSTRUCTION BEGINS. ONCE CONSTRUCTION HAS BEGUN,
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THIS PLAN IS DESIGNED UNDER THE 2018 NORTH CAROLINA
RESIDENTIAL CODE

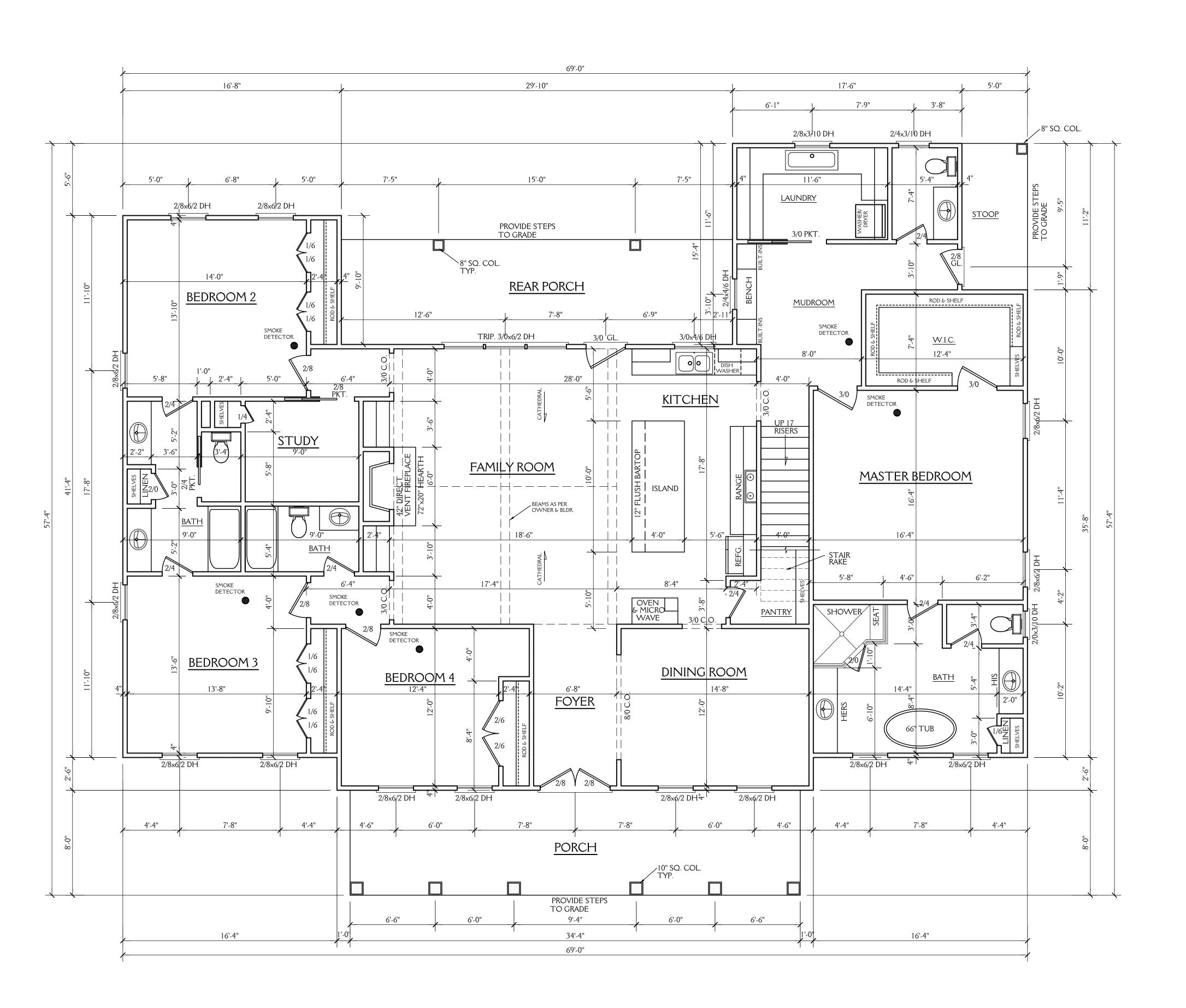




J&W	' CUS	STOI	м но	MES
	SHEET 7			
DRAWN BY:	JD	DATE:	2-24-22	OF 5
REVISIONS:				PROJECT NO.
				2202

NOTE

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BEFORE CONSTRUCTION BEGINS. ONCE CONSTRUCTION HAS BEGUN,
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THIS PLAN IS DESIGNED UNDER THE 2018 NORTH CAROLINA
RESIDENTIAL CODE



NOTES:

CONSTRUCTION TO MEET OR EXCEED ALL REQUIREMENTS
OF THE 2018 NC RESIDENTIAL BUILDING CODE

- 1. SEE SECTION R310 OF THE 2018 NC RESIDENTIAL BUILDING CODE FOR ALL EMERGENCY ESCAPE & RESCUE OPENING REQUIREMENTS.
- SEE SECTION R303 OF THE 2018 NC RESIDENTIAL BUILDING CODE FOR LIGHT & VENTILATION REQUIREMENTS.
- SEE SECTION R310.1 & R311 OF THE 2018 NC RESIDENTIAL BUILDING CODE EGRESS REQUIREMENTS.
- 2. BUILDER & WINDOW SALESMAN TO CONFIRM THAT WINDOWS CHOSEN MEET ALL REQUIREMENTS OF SECTION R310 OF THE 2018 NC RESIDENTIAL BUILDING CODE.
- 3. SEE SECTION R308.4 OF THE 2018 NC RESIDENTIAL BLDG. CODE FOR GLAZING REQUIREMENTS IN HAZARDOUS LOCATIONS
- 4. PROVIDE FALL PROTECTION AT WINDOWS AS REQUIRED BY 2018 NC RESIDENTIAL BUILDING CODE
- 5. ALL GLASS TO HAVE A U FACTOR OF 0.32 OR BETTER AND SHGC OF .30 OR BETTER.
- 6. SEE CHAPTER 11 OF THE 2018 NC RESIDENTIAL BUILDING CODE FOR ALL ENERGY CONSERVATION
- REQUIREMENTS

  7. SEE SECTION R302.5 & R302.6 OF THE 2018 NC RESIDENTIAL BLDG. CODE FOR DWELLING/
- GARAGE FIRE SEPARATION REQUIREMENTS

  8. SEE APPENDIX M OF THE 2018 NC RESIDENTIAL
- BUILDING CODE FOR ALL DECK CONSTRUCTION
  REQUIREMENTS
- 9. PROVIDE CARBON MONOXIDE DETECTORS
  AS PER SECTION R315 OF THE 2018 NC RESIDENTIAL
- BUILDING CODE

  10. PROVIDE CRAVVLSPACE ACCESS AS PER SECTION 408.8

  OF THE 2018 NC RESIDENTIAL BUILDING CODE
- LOCATION T.B.D. IN FIELD BY BUILDER.

  11. PROVIDE FOUNDATION DRAINAGE AS PER CODE.

  SEE SECTIONS 405, 801.3 & 401.3 OF THE
- SEE SECTIONS 405, 801.3 & 401.3 OF THE 2018 NC RESIDENTIAL BUILDING CODE.
- 12. SEE SECTION R311.7 OF THE 2018 NC RESIDENTIAL BUILDING CODE FOR ALL STAIRWAY REQUIREMENTS.

  SEE SECTION R312 OF THE 2018 NC RESIDENTIAL BUILDING CODE FOR ALL GUARD RAIL & HAND RAIL REQUIREMENTS.
- 13. SEE SECTION R307 OF THE 2018 NC RESIDENTIAL BUILDING CODE FOR ALL BATH FIXTURE CLEARANCES.
  14. SEE CHAPTER 10 OF THE NC RESIDENTIAL BUILDING CODE FOR ALL FIREPLACE & CHIMNEY CLEARANCES & REQUIREMENTS.
- 15. ALL ANGLES WALLS ARE 45° U.N.O.

### ABBREVIATIONS

CANT.: CANTILEVER
C.O.: CASED OPENING
D.W.: DISHWASHER
W.I.C.: WALK IN CLOSET
SHWR.: SHOWER
DN.: DOWN

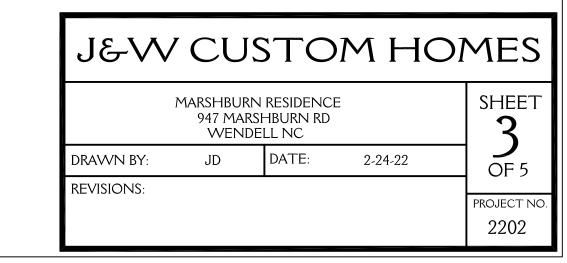
CANT.: CANTILEVER
TYP.: TYPICAL
CLG.: CEILING
HGT.: HEIGHT
COL.: COLUMN
TRANS.: TRANSOM

2717 SQ FT HTD (1ST FLOOR) 299 SQ FT HTD (2ND FLOOR) 3016 SQ FT HTD TOTAL 239 SQ FT (REAR PORCH) 56 SQ FT (STOOP) 275 SQ FT (PORCH) 570 UNHEATED TOTAL

# FIRST FLOOR PLAN

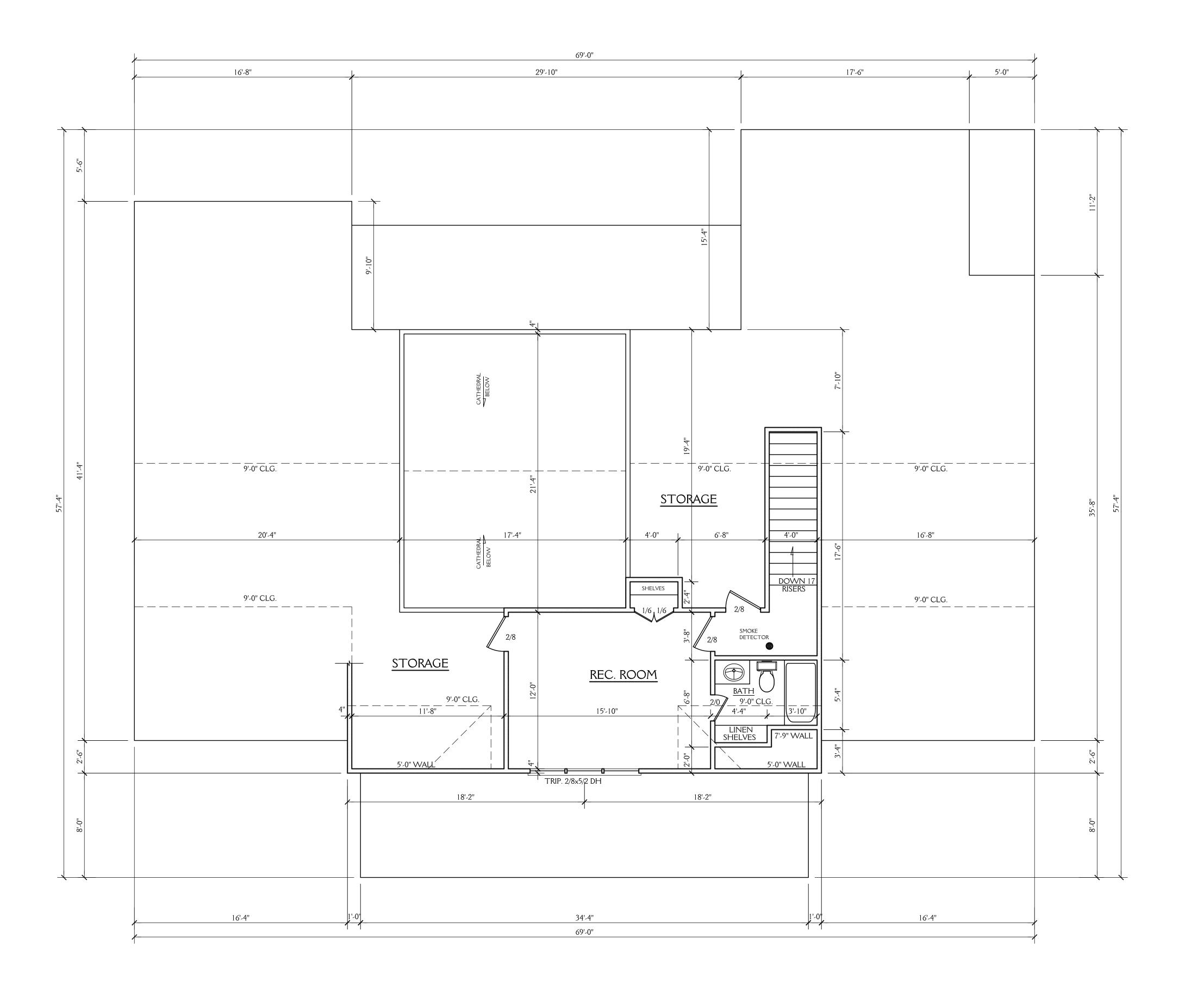
SCALE 1/4"=1'-0" 10'-0" CLG. HGT. SET WINDOWS AT 8'-0" AFF NOTE: ALL DOORS AND C.O. 8'-0" HGT.

COPYRIGHT- HOUSE PLAN ZONE, L.L.C. PLAN # BB-2390R



NOT

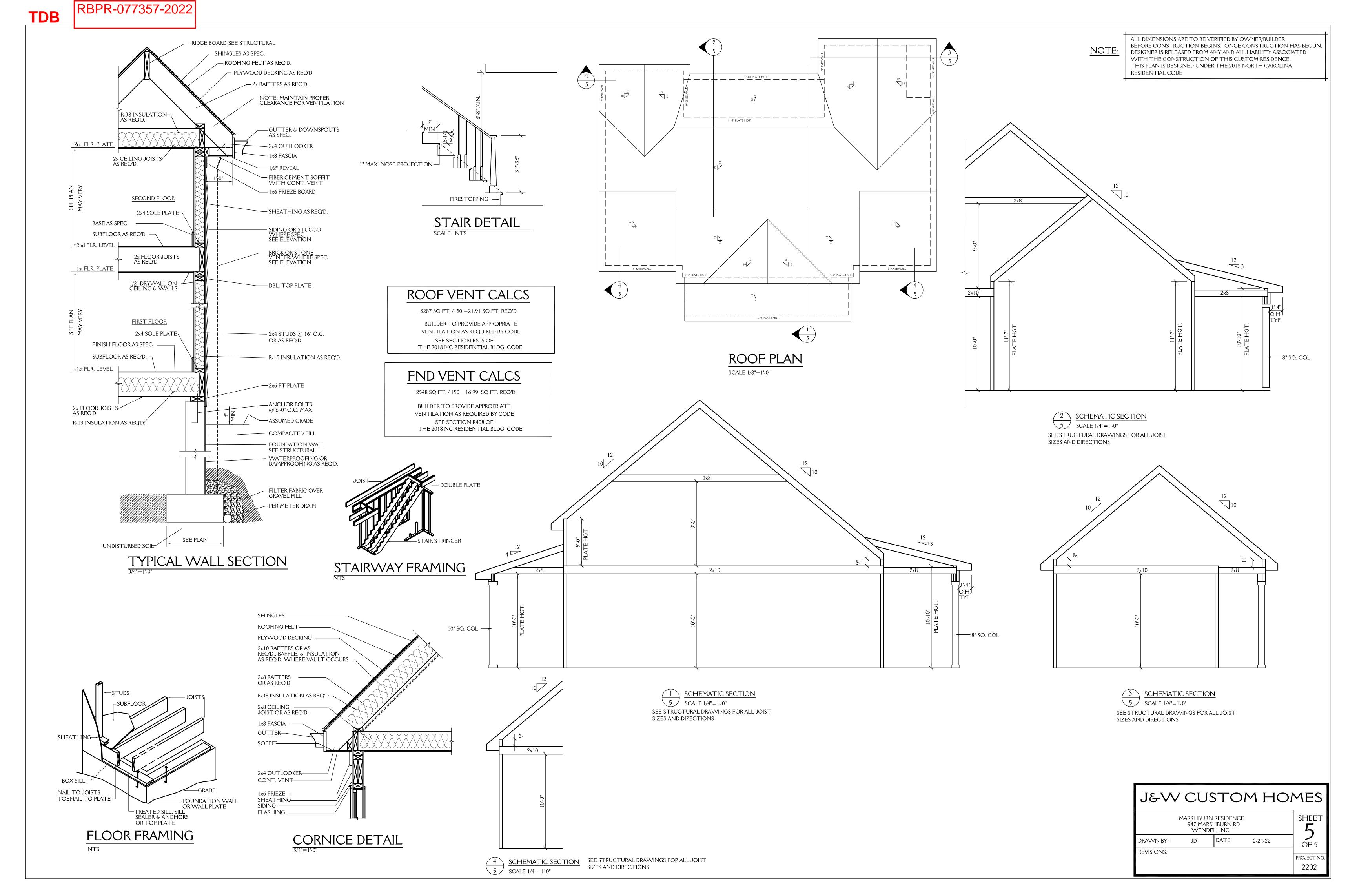
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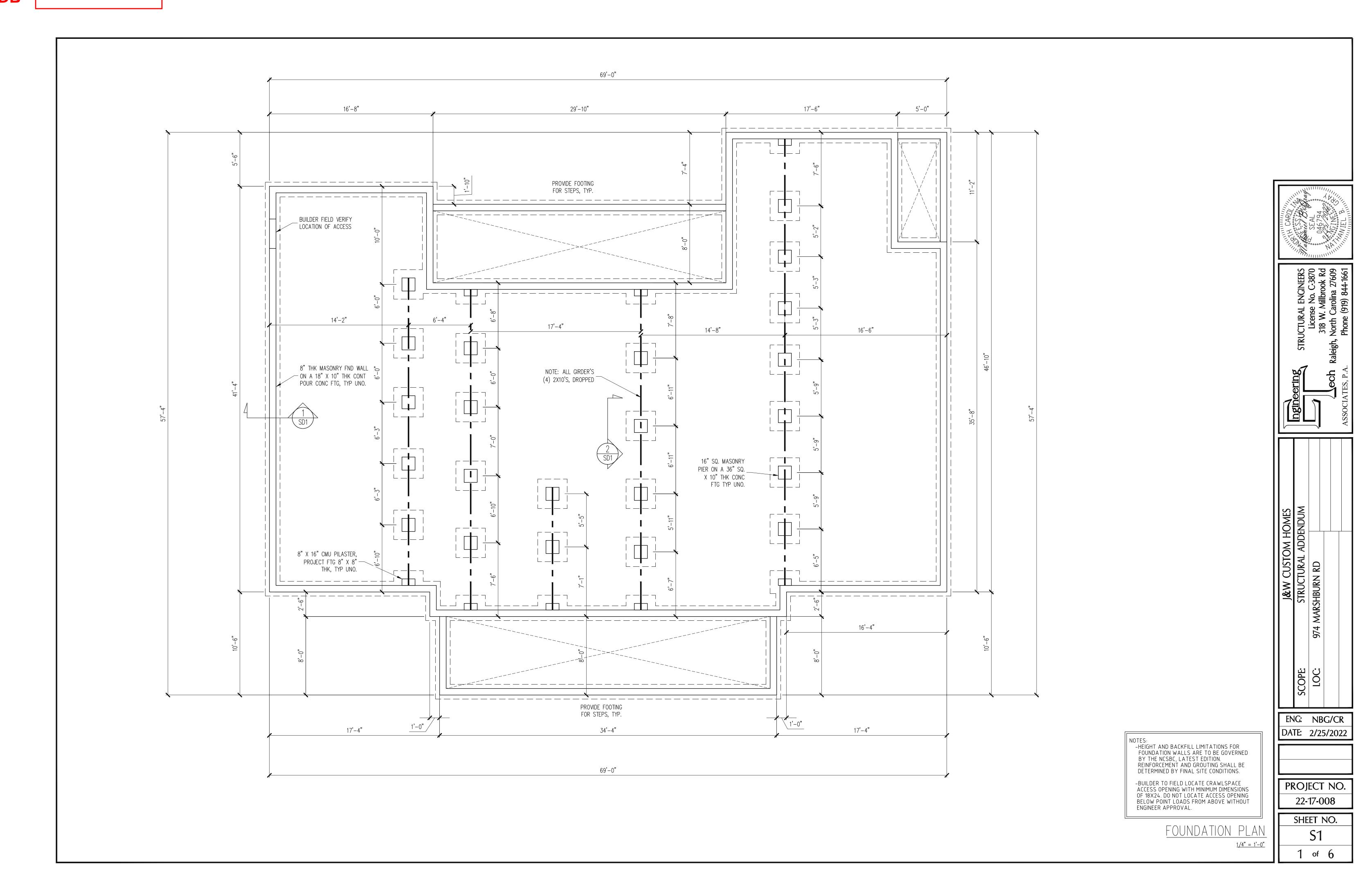


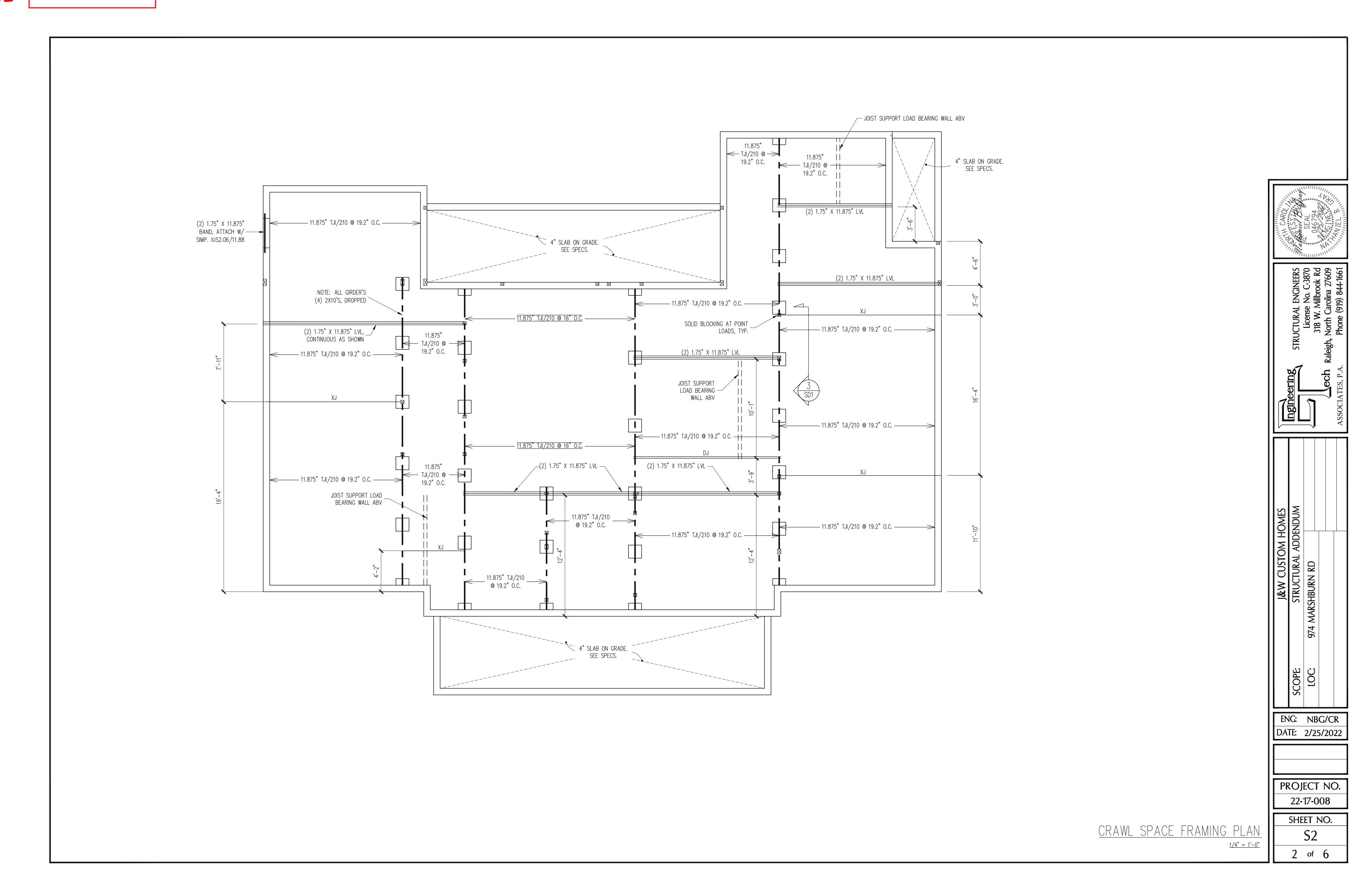
## SECOND FLOOR PLAN

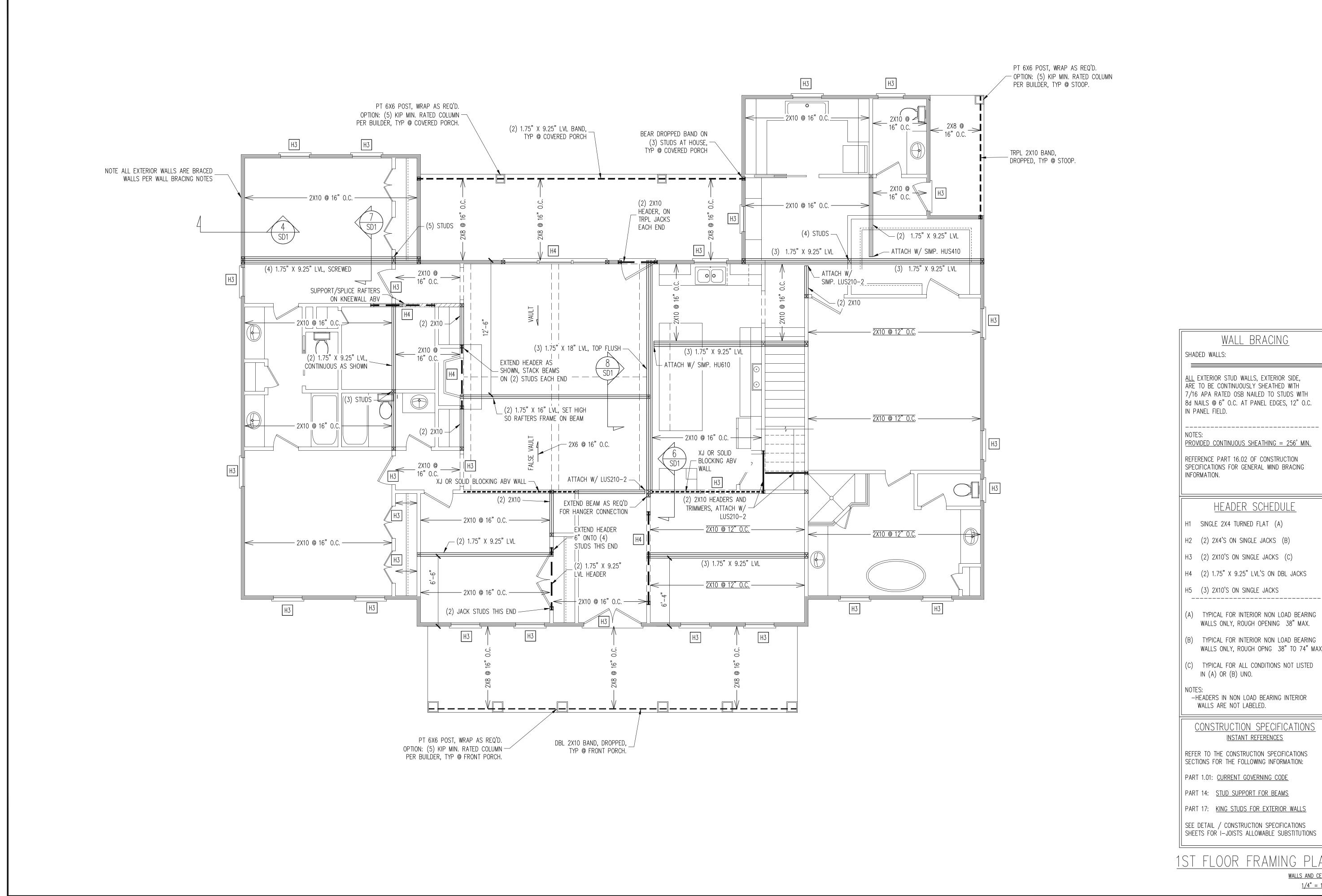
SCALE 1/4"=1'-0" 9'-0" CLG. HGT. SET WINDOWS AT 8'-0" AFF U.N.O. COPYRIGHT- HOUSE PLAN ZONE, L.L.C. PLAN # BB-2390R

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PROVIDED CONTINUOUS SHEATHING = 256' MIN.

WALL BRACING

REFERENCE PART 16.02 OF CONSTRUCTION SPECIFICATIONS FOR GENERAL WIND BRACING INFORMATION.

#### HEADER SCHEDULE

- H1 SINGLE 2X4 TURNED FLAT (A)
- H2 (2) 2X4'S ON SINGLE JACKS (B)
- H3 (2) 2X10'S ON SINGLE JACKS (C)
- H5 (3) 2X10'S ON SINGLE JACKS
- (A) TYPICAL FOR INTERIOR NON LOAD BEARING WALLS ONLY, ROUGH OPENING 38" MAX.
- (B) TYPICAL FOR INTERIOR NON LOAD BEARING WALLS ONLY, ROUGH OPNG 38" TO 74" MAX.
- (C) TYPICAL FOR ALL CONDITIONS NOT LISTED IN (A) OR (B) UNO.

-HEADERS IN NON LOAD BEARING INTERIOR WALLS ARE NOT LABELED.

#### CONSTRUCTION SPECIFICATIONS <u>INSTANT REFERENCES</u>

REFER TO THE CONSTRUCTION SPECIFICATIONS SECTIONS FOR THE FOLLOWING INFORMATION:

PART 1.01: <u>CURRENT GOVERNING CODE</u>

PART 14: <u>STUD SUPPORT FOR BEAMS</u>

PART 17: KING STUDS FOR EXTERIOR WALLS

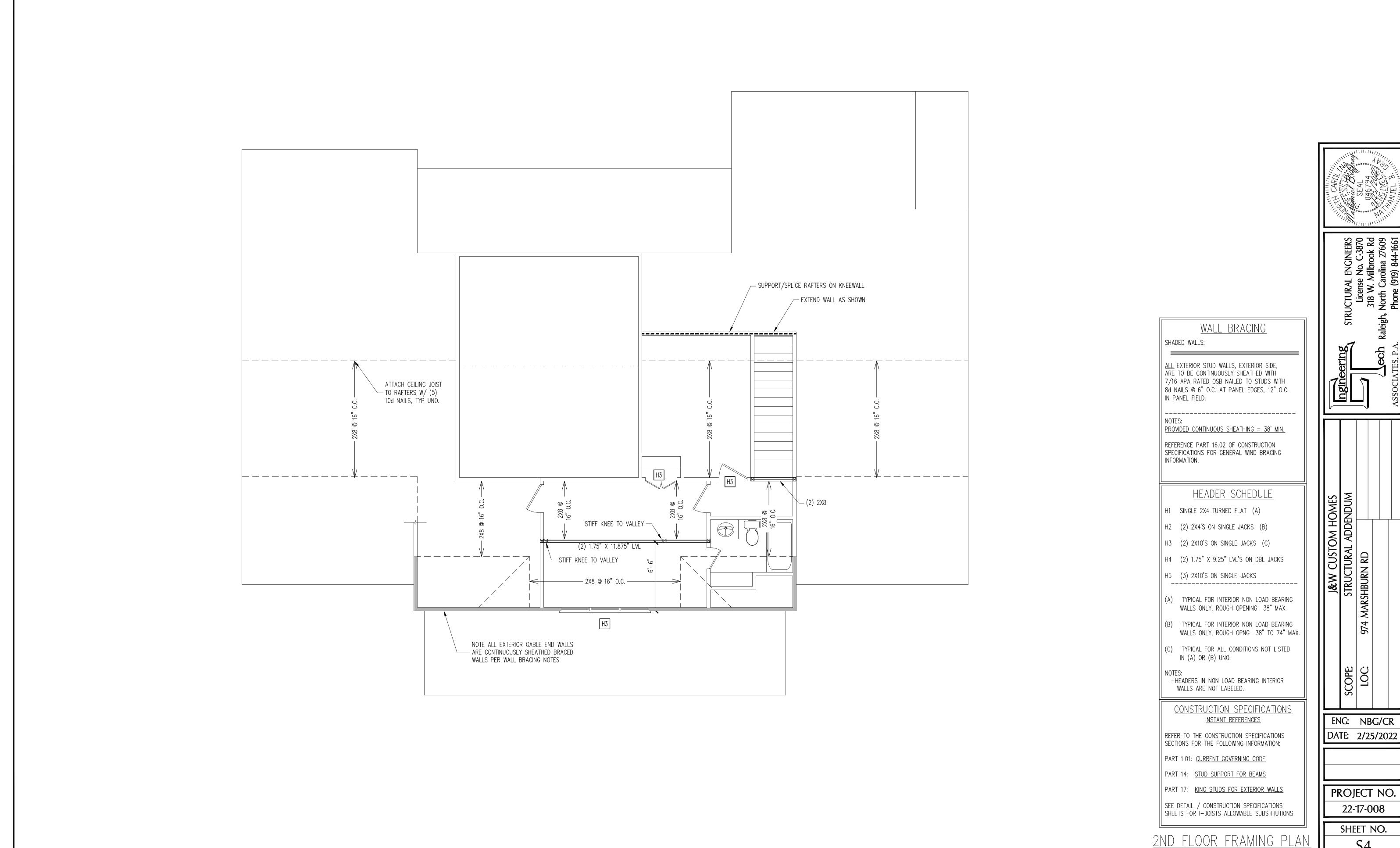
SEE DETAIL / CONSTRUCTION SPECIFICATIONS SHEETS FOR I-JOISTS ALLOWABLE SUBSTITUTIONS

WALLS AND CEILING 1/4" = 1'-0" DATE: 2/25/2022

ENG: NBG/CR

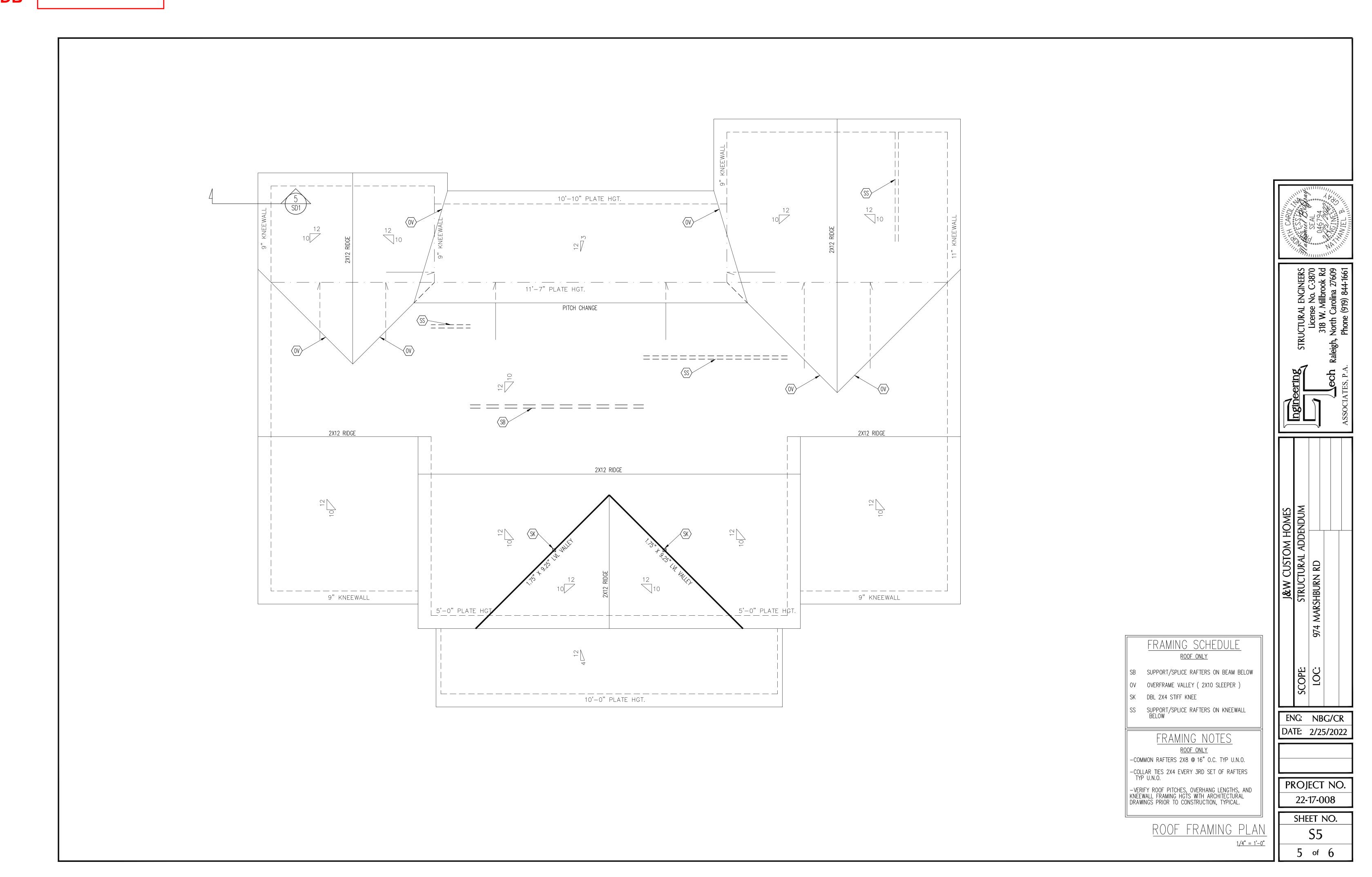
PROJECT NO. 22-17-008

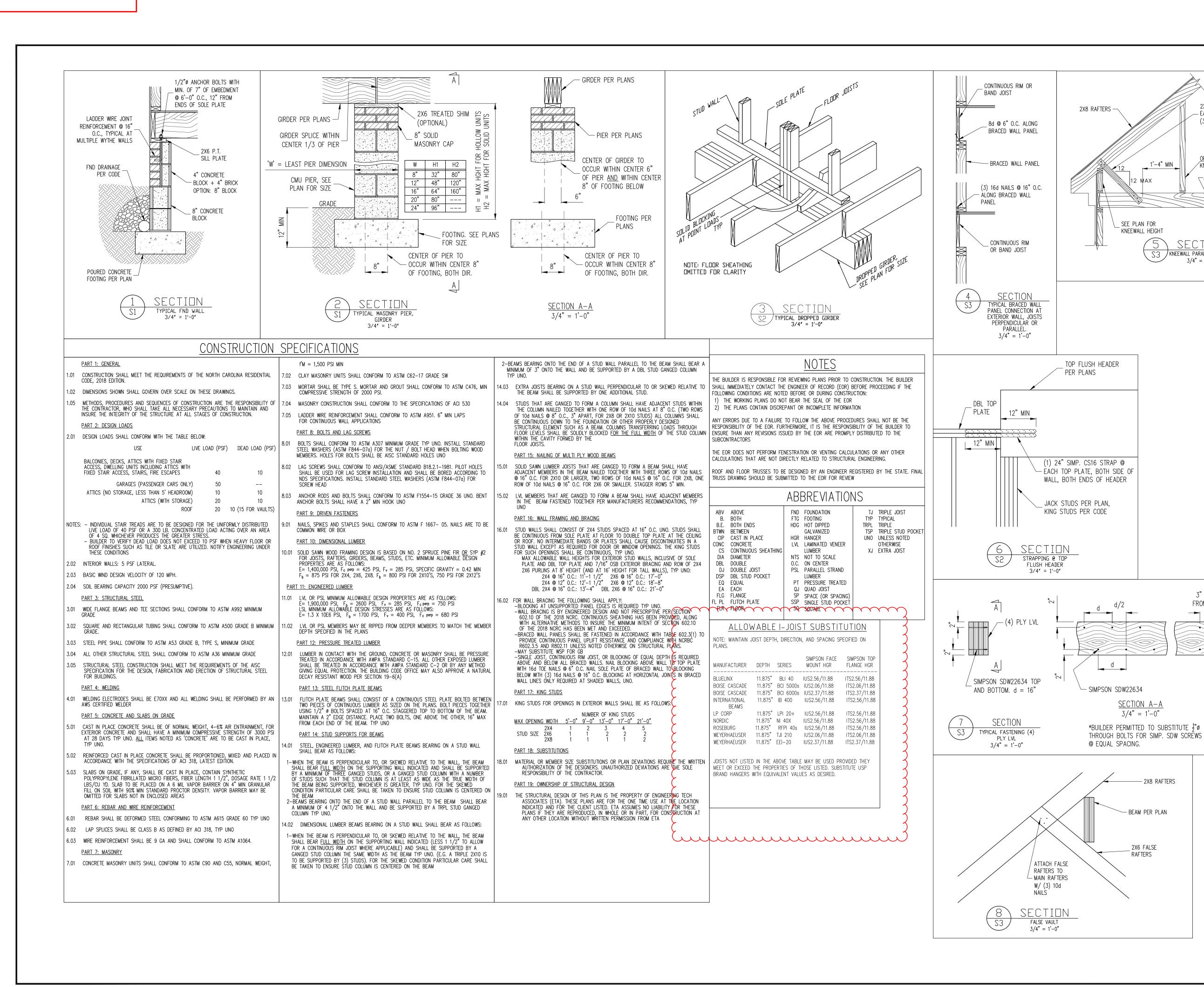
> SHEET NO. 3 of 6



WALLS AND CEILING 1/4" = 1'-0"

4 of 6





2X4 RAFTER TIE

KNEEWALL

KNEEWALL PARALLEL TO JOIST

3/4" = 1'-0"

3" TO 6"

FROM ENDS

EACH RAFTER WITH

(3) 10d NAILS EA END

ENG: NBG/CR DATE: 2/25/2022

PROJECT NO. 22-17-008

SHEET NO.

6 of 6