

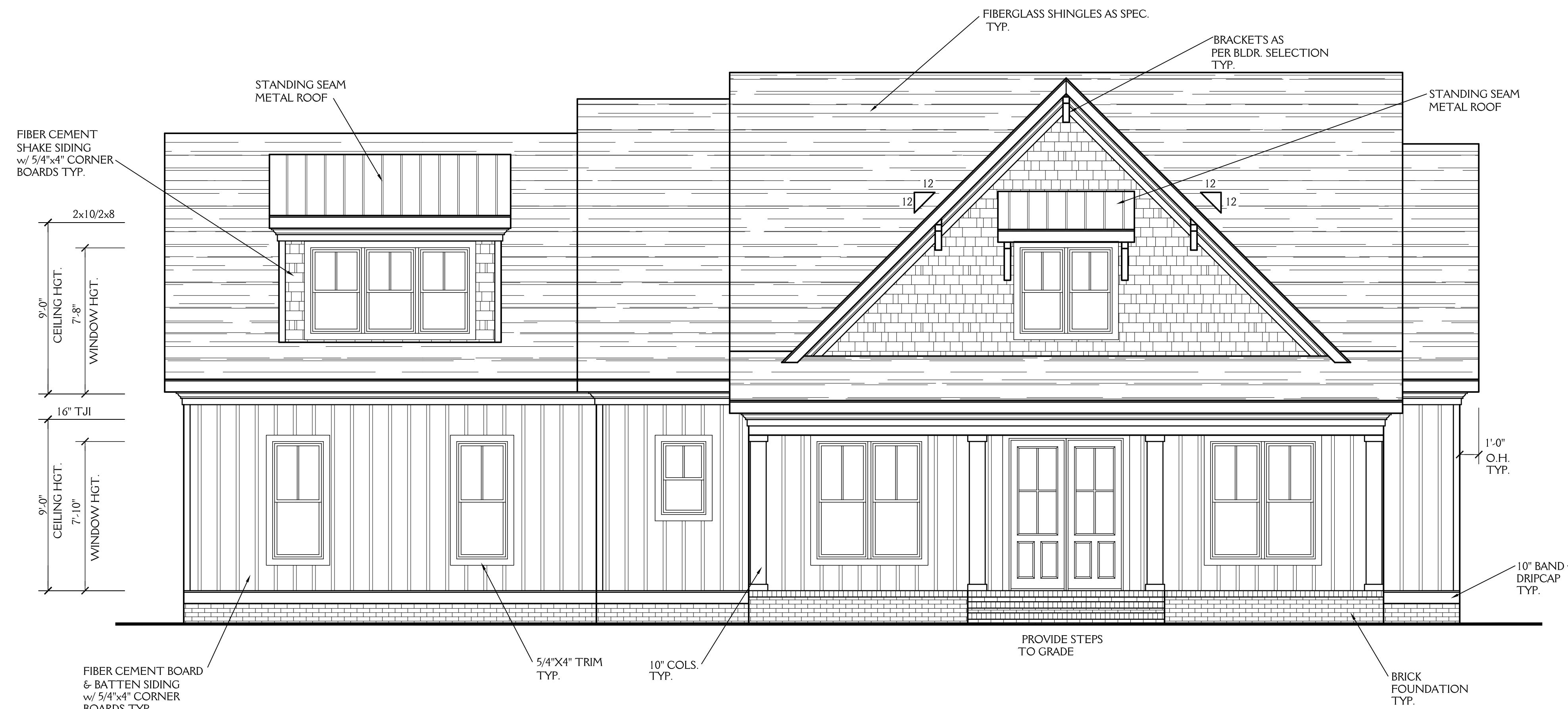
**NOTE:**

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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



**FRONT ELEVATION**

SCALE 1/4"=1'-0"



**REAR ELEVATION**

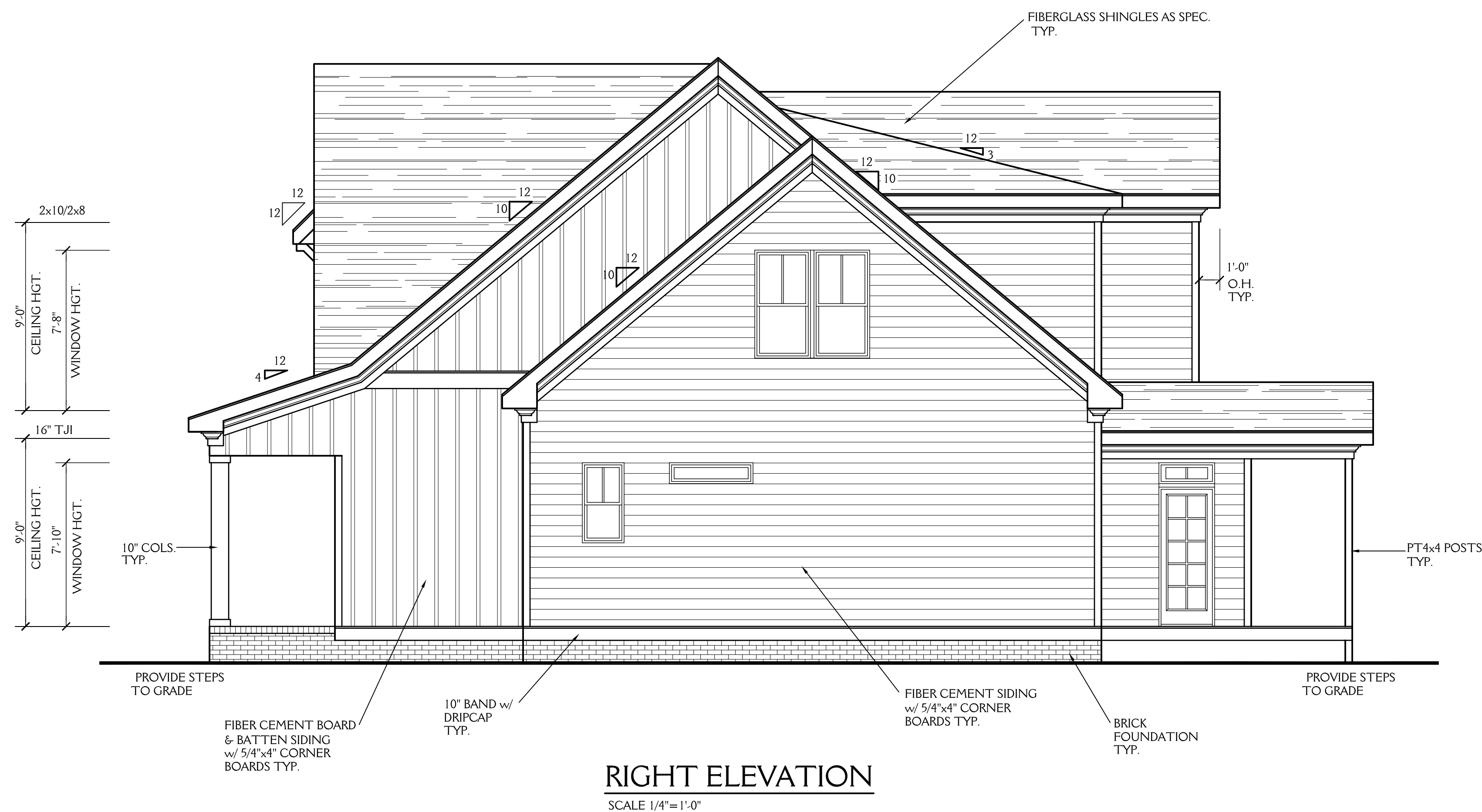
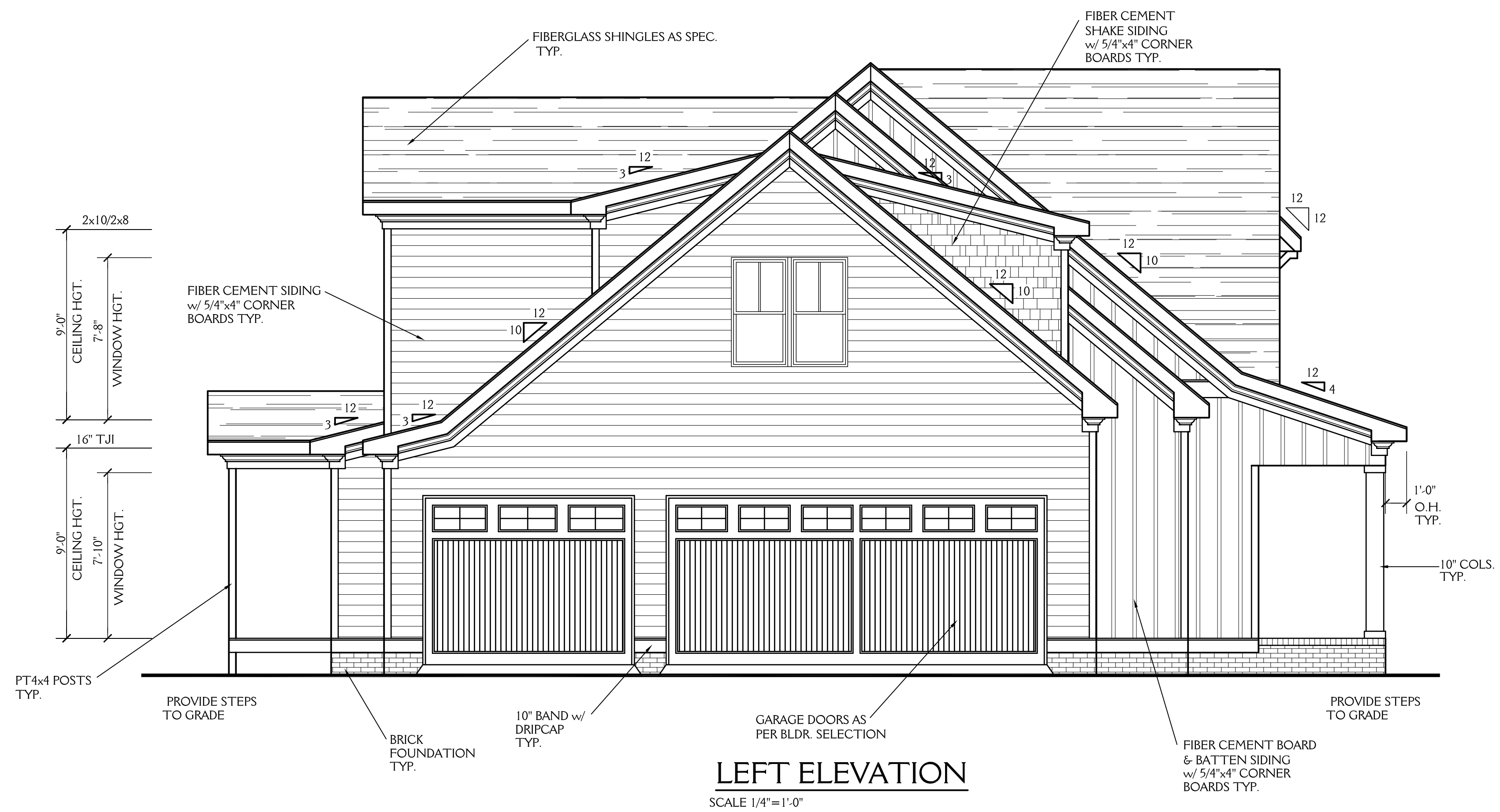
SCALE 1/4"=1'-0"

**New Light**  
 Residential Design, L.L.C.  
 919-880-1287

NORTH CAROLINA EXTERIORS LOT 4 CRESCENT RIDGE		SHEET <b>1</b> OF 5
DRAWN BY: JD	DATE: 7-28-20	PROJECT NO. 2022
REVISIONS:		

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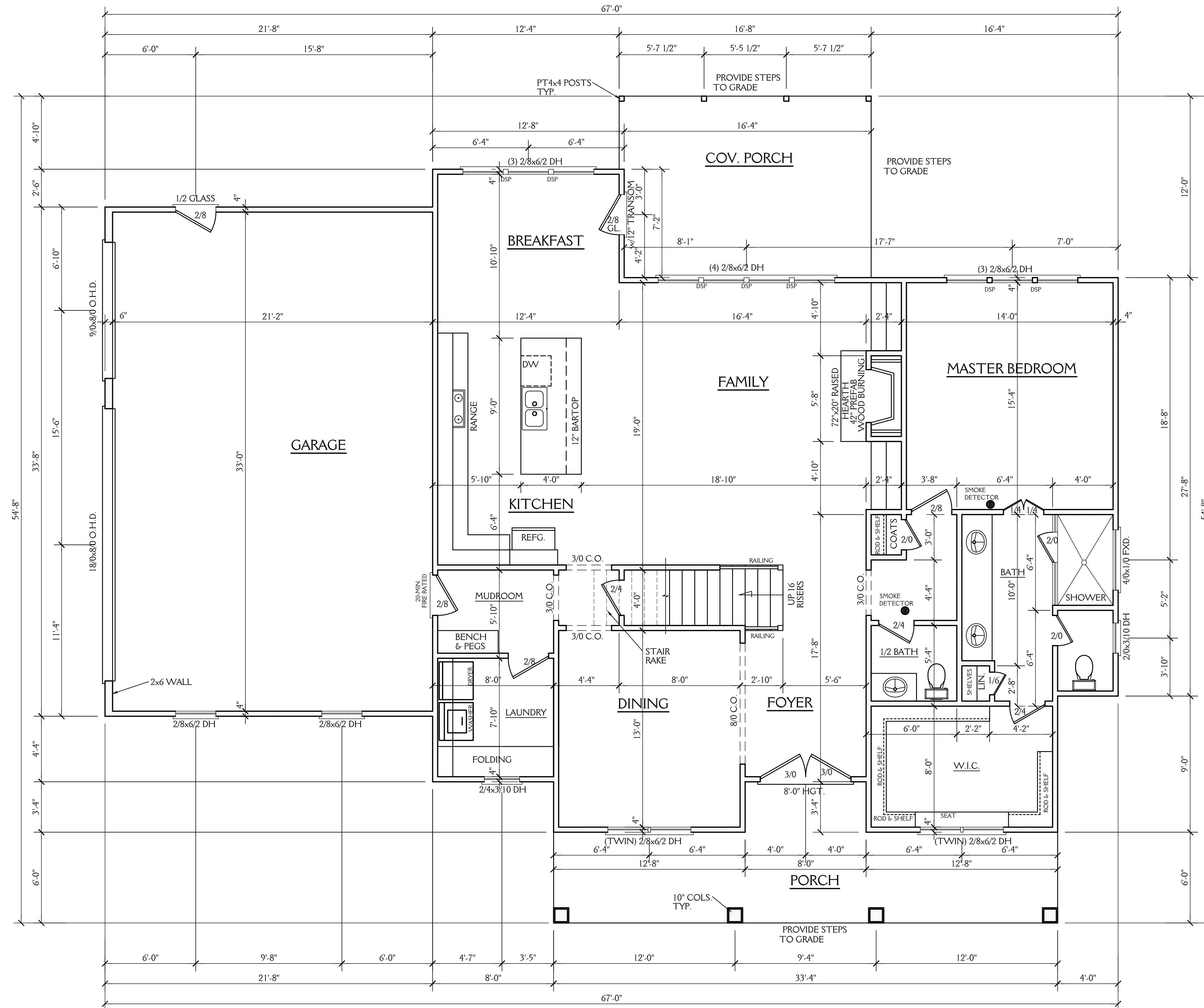


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NORTH CAROLINA EXTERIORS LOT 4 CRESCENT RIDGE		SHEET <b>2</b> OF 5
DRAWN BY: JD	DATE: 7-28-20	PROJECT NO. 2022
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**NOTES:**  
CONSTRUCTION TO MEET OR EXCEED ALL REQUIREMENTS OF THE 2018 NC RESIDENTIAL BUILDING CODE

- 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.
- BUILDER & WINDOW SALESMAN TO CONFIRM THAT WINDOWS CHOSEN MEET ALL REQUIREMENTS OF SECTION R310 OF THE 2018 NC RESIDENTIAL BUILDING CODE.
- SEE SECTION R308.4 OF THE 2018 NC RESIDENTIAL BLDG. CODE FOR GLAZING REQUIREMENTS IN HAZARDOUS LOCATIONS
- PROVIDE FALL PROTECTION AT WINDOWS AS REQUIRED BY 2018 NC RESIDENTIAL BUILDING CODE
- ALL GLASS TO HAVE A U FACTOR OF 0.32 OR BETTER AND SHGC OF .30 OR BETTER
- SEE CHAPTER 11 OF THE 2018 NC RESIDENTIAL BUILDING CODE FOR ALL ENERGY CONSERVATION REQUIREMENTS
- SEE SECTION R302.5 & R302.6 OF THE 2018 NC RESIDENTIAL BLDG. CODE FOR DWELLING/GARAGE FIRE SEPARATION REQUIREMENTS
- SEE APPENDIX M OF THE 2018 NC RESIDENTIAL BUILDING CODE FOR ALL DECK CONSTRUCTION REQUIREMENTS
- PROVIDE CARBON MONOXIDE DETECTORS AS PER SECTION R315 OF THE 2018 NC RESIDENTIAL BUILDING CODE
- PROVIDE CRAWLSPACE ACCESS AS PER SECTION 408.8 OF THE 2018 NC RESIDENTIAL BUILDING CODE LOCATION T.B.D. IN FIELD BY BUILDER.
- PROVIDE FOUNDATION DRAINAGE AS PER CODE. SEE SECTIONS 405, 801.3 & 401.3 OF THE 2018 NC RESIDENTIAL BUILDING CODE.
- 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.
- SEE SECTION R307 OF THE 2018 NC RESIDENTIAL BUILDING CODE FOR ALL BATH FIXTURE CLEARANCES.
- SEE CHAPTER 10 OF THE NC RESIDENTIAL BUILDING CODE FOR ALL FIREPLACE & CHIMNEY CLEARANCES & REQUIREMENTS.
- ALL ANGLES WALLS ARE 45° U.N.O.

**ABBREVIATIONS**

C.O. : CASD OPENING	CANT. : CANTILEVER
D.W. : DISHWASHER	TYP. : TYPICAL
W.I.C. : WALK IN CLOSET	CLG. : CEILING
SHWR. : SHOWER	HGT. : HEIGHT
DN. : DOWN	COL. : COLUMN
	TRANS. : TRANSOM

**FIRST FLOOR PLAN**

SCALE 1/4"=1'-0"  
9'-0" CLG. HGT.  
SET WINDOWS AT 7'-10" AFF

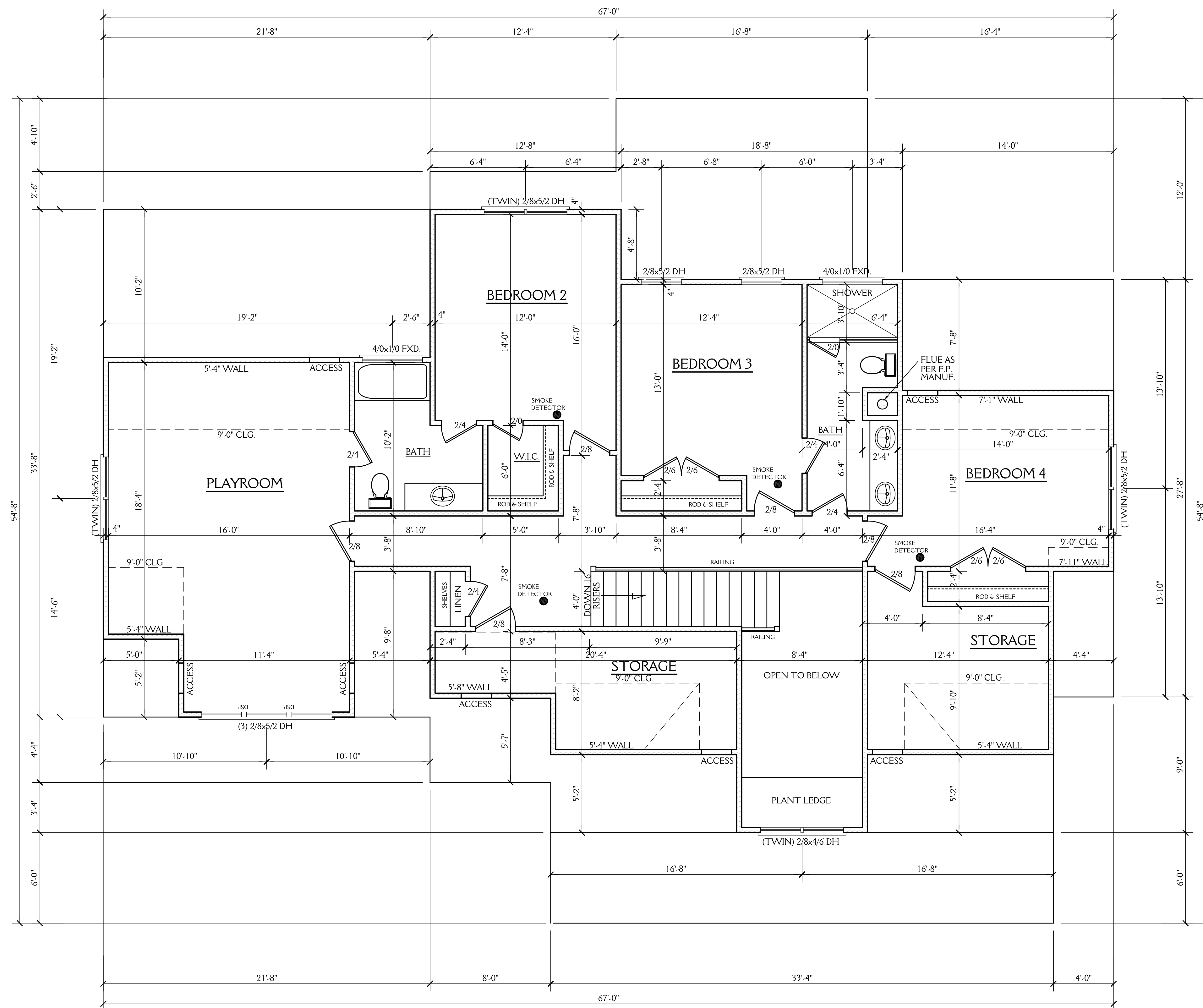
1664 SQ FT HTD (1ST FLOOR)	198 SQ FT (COV. PORCH)
1338 SQ FT HTD (2ND FLOOR)	227 SQ FT (PORCH)
3002 SQ FT HTD TOTAL	276 SQ FT (STORAGE)
	729 SQ FT (GARAGE)
	1430 UNHEATED TOTAL

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NORTH CAROLINA EXTERIORS LOT 4 CRESCENT RIDGE		<b>3</b> OF 5
DRAWN BY: JD	DATE: 7-28-20	
REVISIONS:		PROJECT NO. 2022

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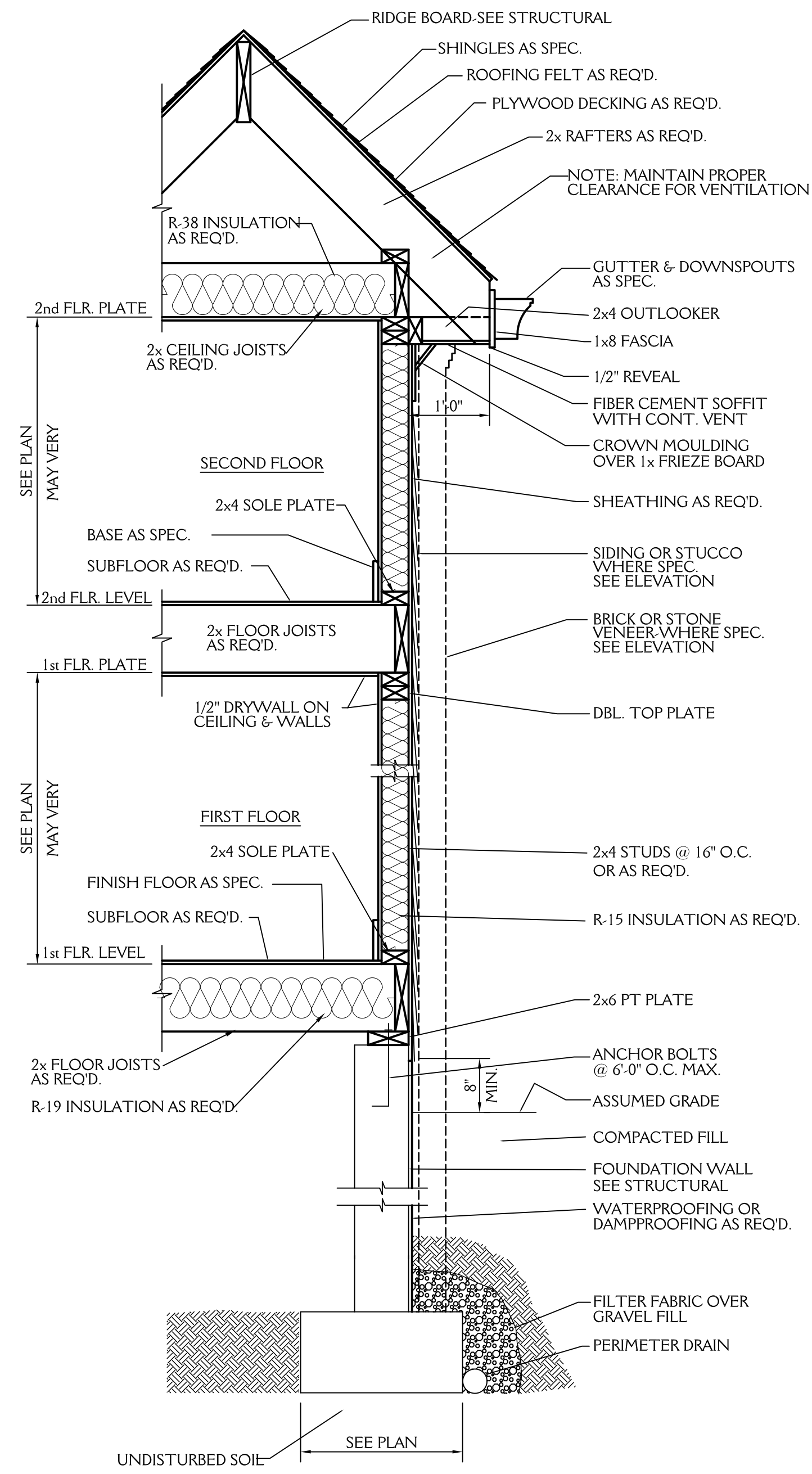
**SECOND FLOOR PLAN**

SCALE 1/4"=1'-0"  
9'-0" CLG. HGT.  
SET WINDOWS AT 7'-8" AFF U.N.O.

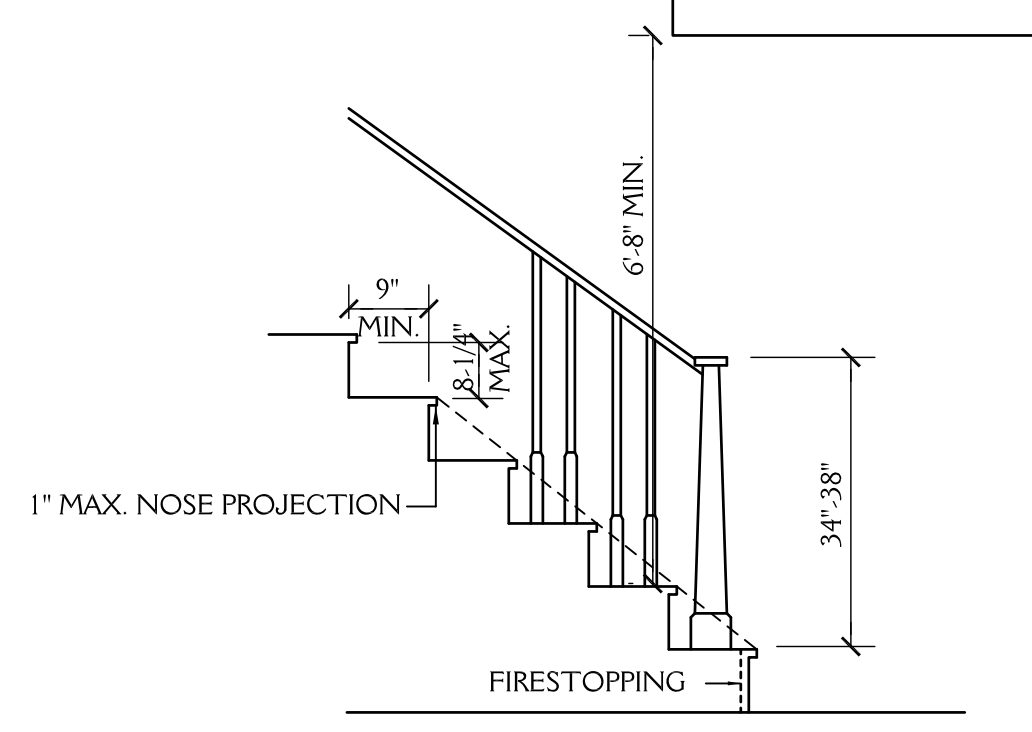
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NORTH CAROLINA EXTERIORS LOT 4 CRESCENT RIDGE		SHEET <b>4</b> OF 5
DRAWN BY: JD	DATE: 7-28-20	PROJECT NO. 2022
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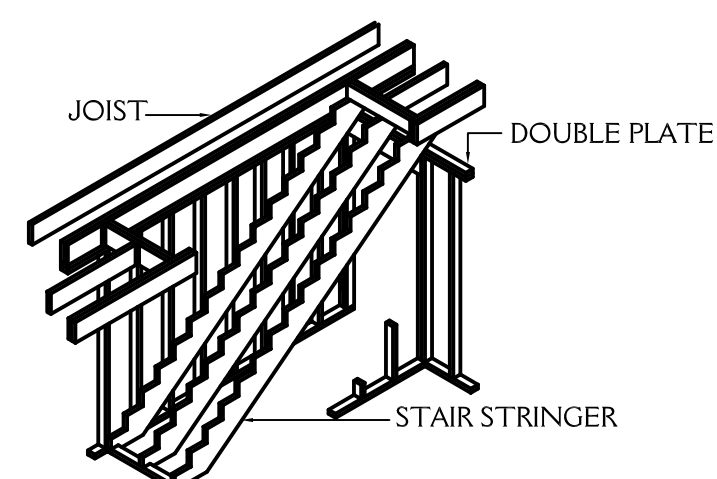
**TYPICAL WALL SECTION**  
3/4" = 1'-0"



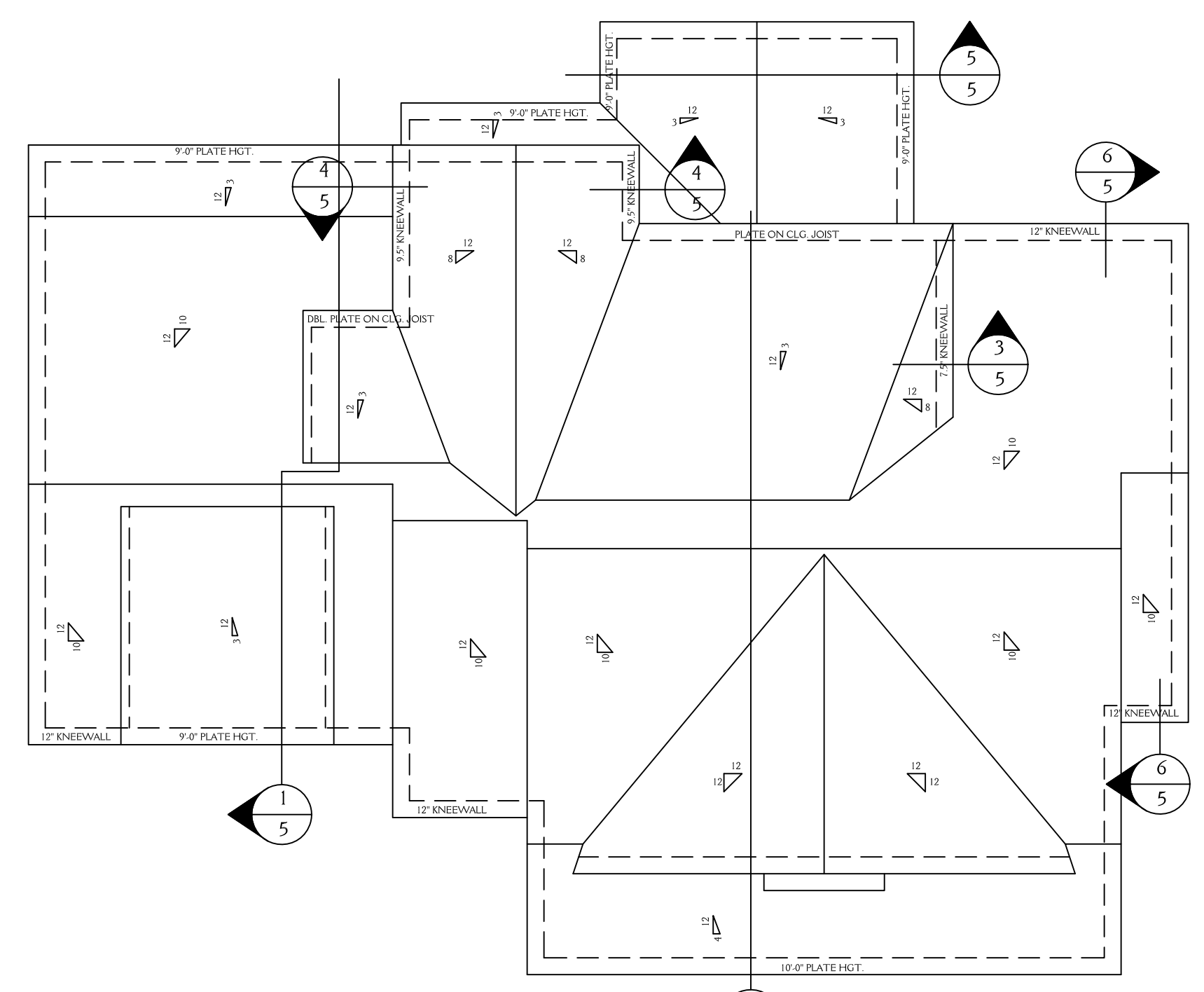
**STAIR DETAIL**  
SCALE: NTS

**ROOF VENT CALCS**  
2817 SQ.FT. / 150 = 18.78 SQ.FT. REQ'D  
BUILDER TO PROVIDE APPROPRIATE VENTILATION AS REQUIRED BY CODE  
SEE SECTION R806 OF THE 2018 NC RESIDENTIAL BLDG. CODE

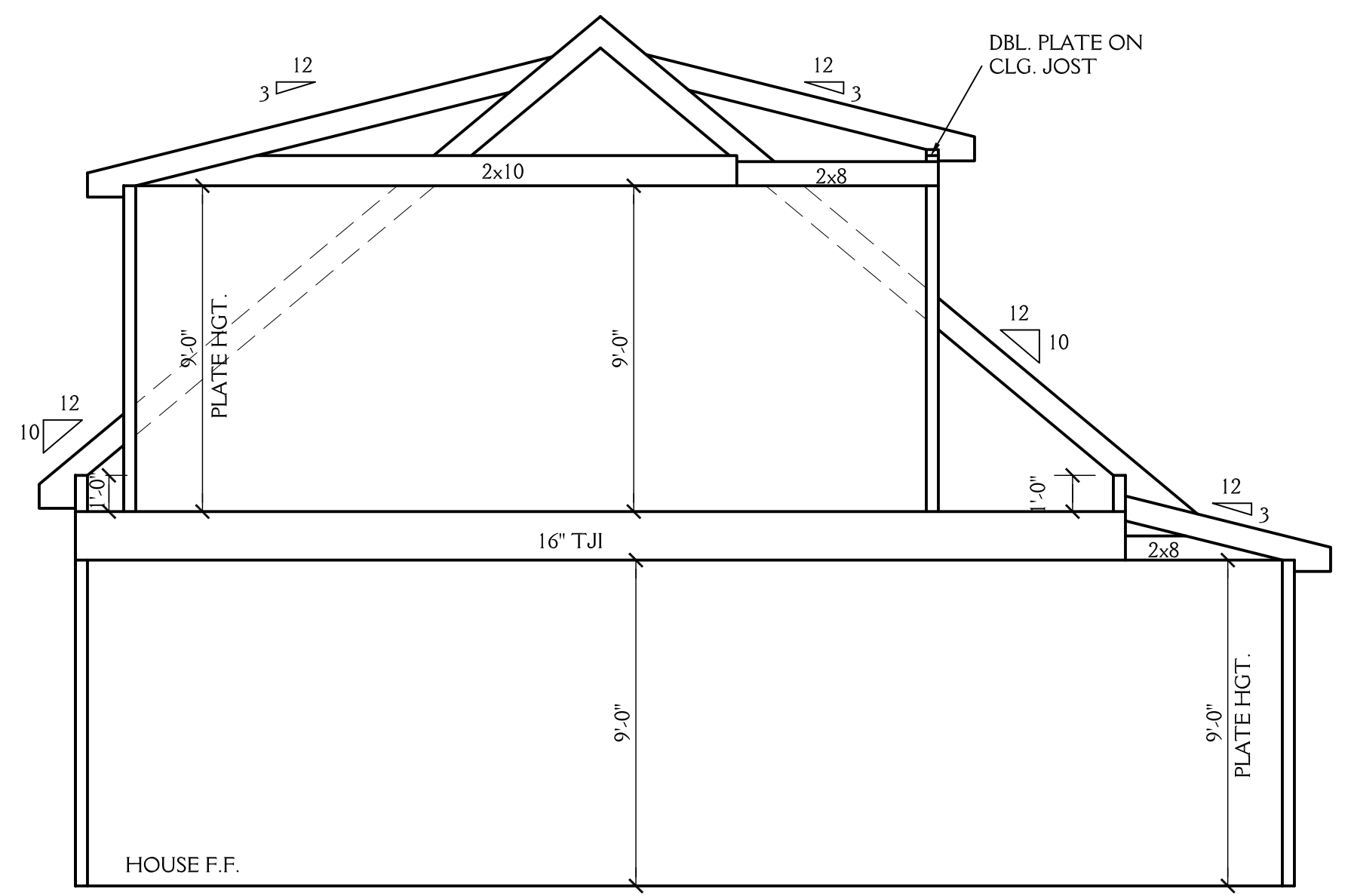
**FND VENT CALCS**  
2243 SQ.FT. / 150 = 14.95 SQ.FT. REQ'D  
BUILDER TO PROVIDE APPROPRIATE VENTILATION AS REQUIRED BY CODE  
SEE SECTION R408 OF THE 2018 NC RESIDENTIAL BLDG. CODE



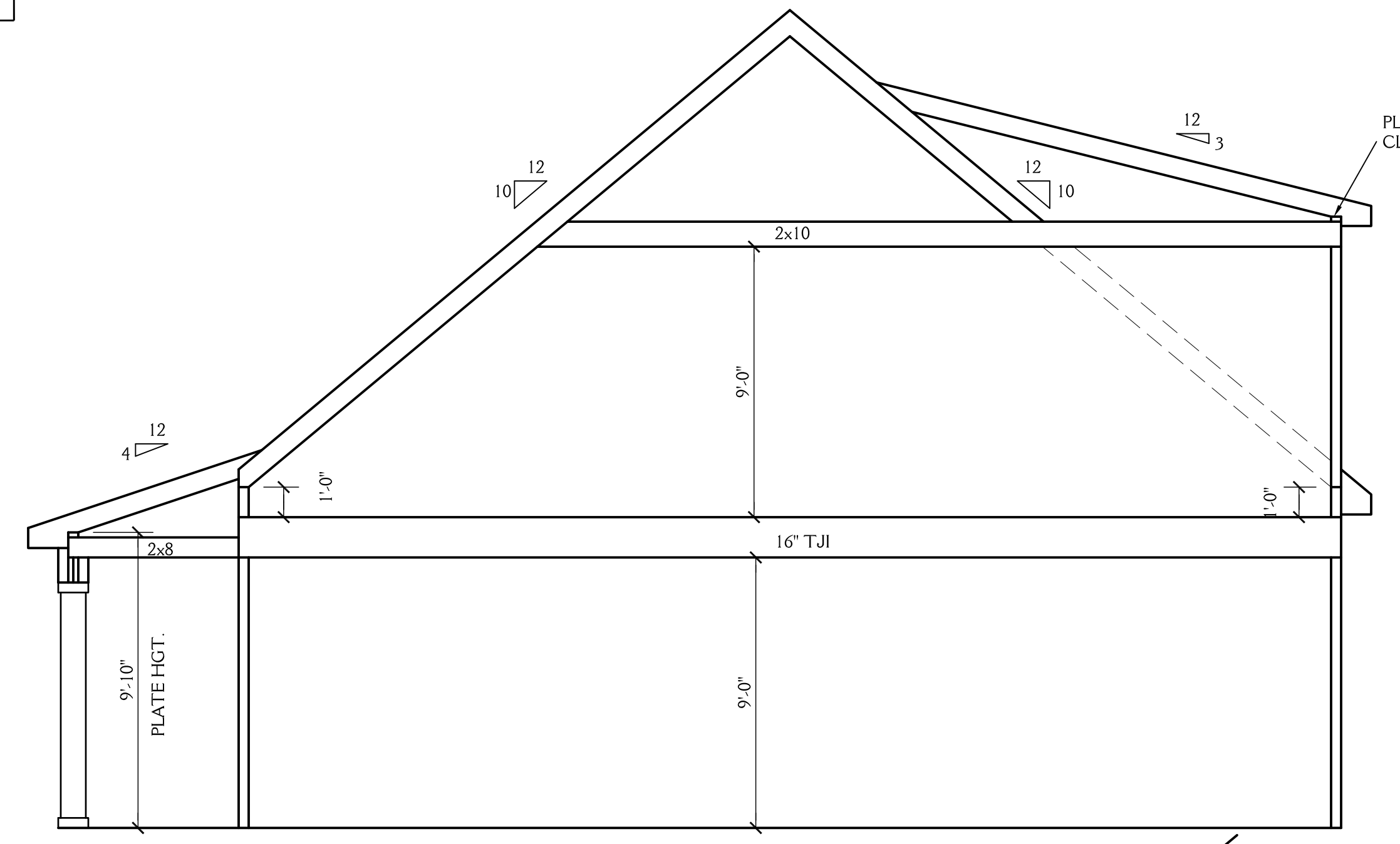
**STAIRWAY FRAMING**  
NTS



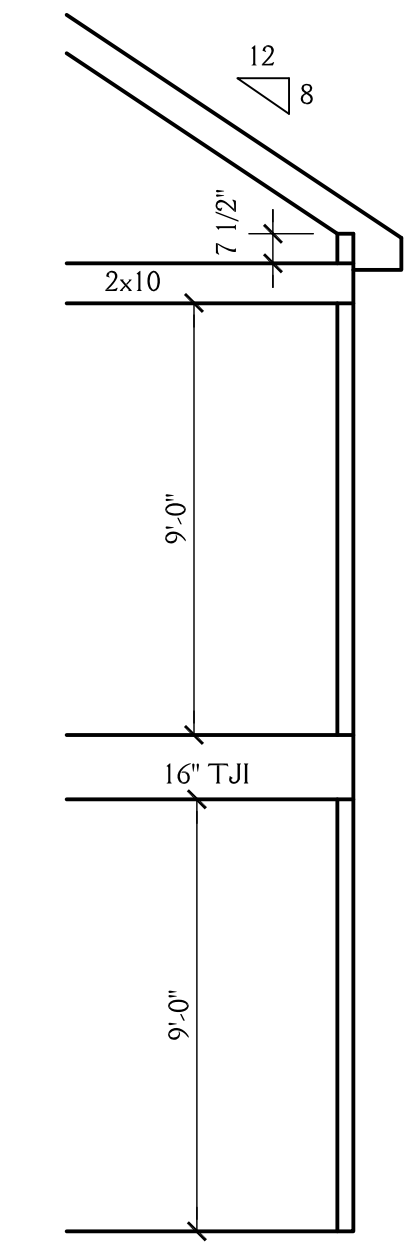
**ROOF PLAN**  
SCALE 1/8" = 1'-0"



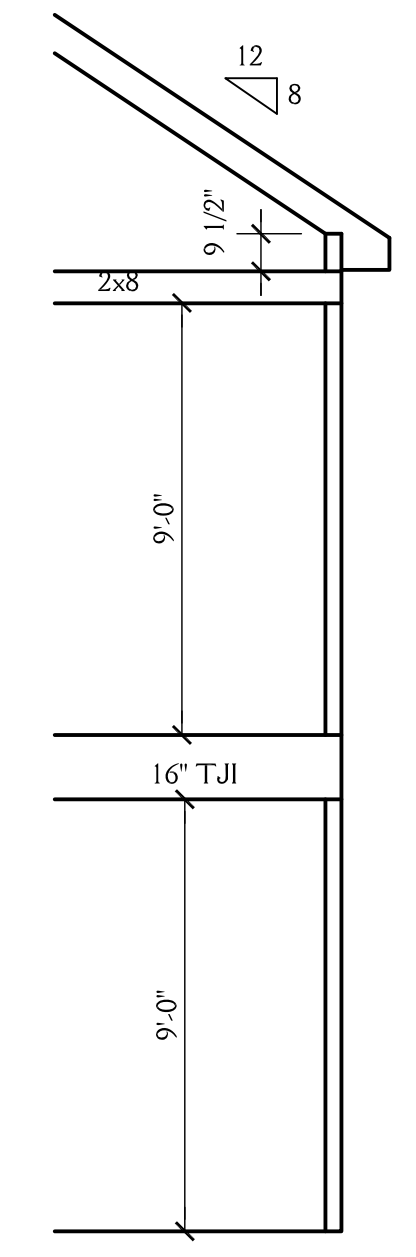
**1 SCHEMATIC SECTION**  
SCALE 1/4" = 1'-0"



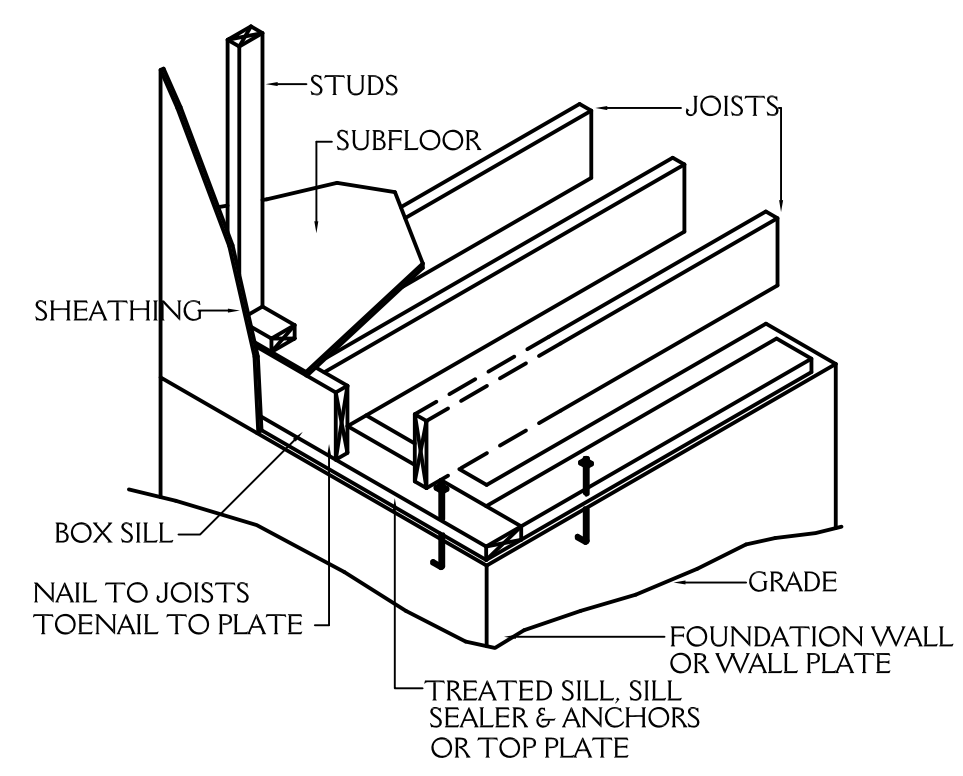
**2 SCHEMATIC SECTION**  
SCALE 1/4" = 1'-0"



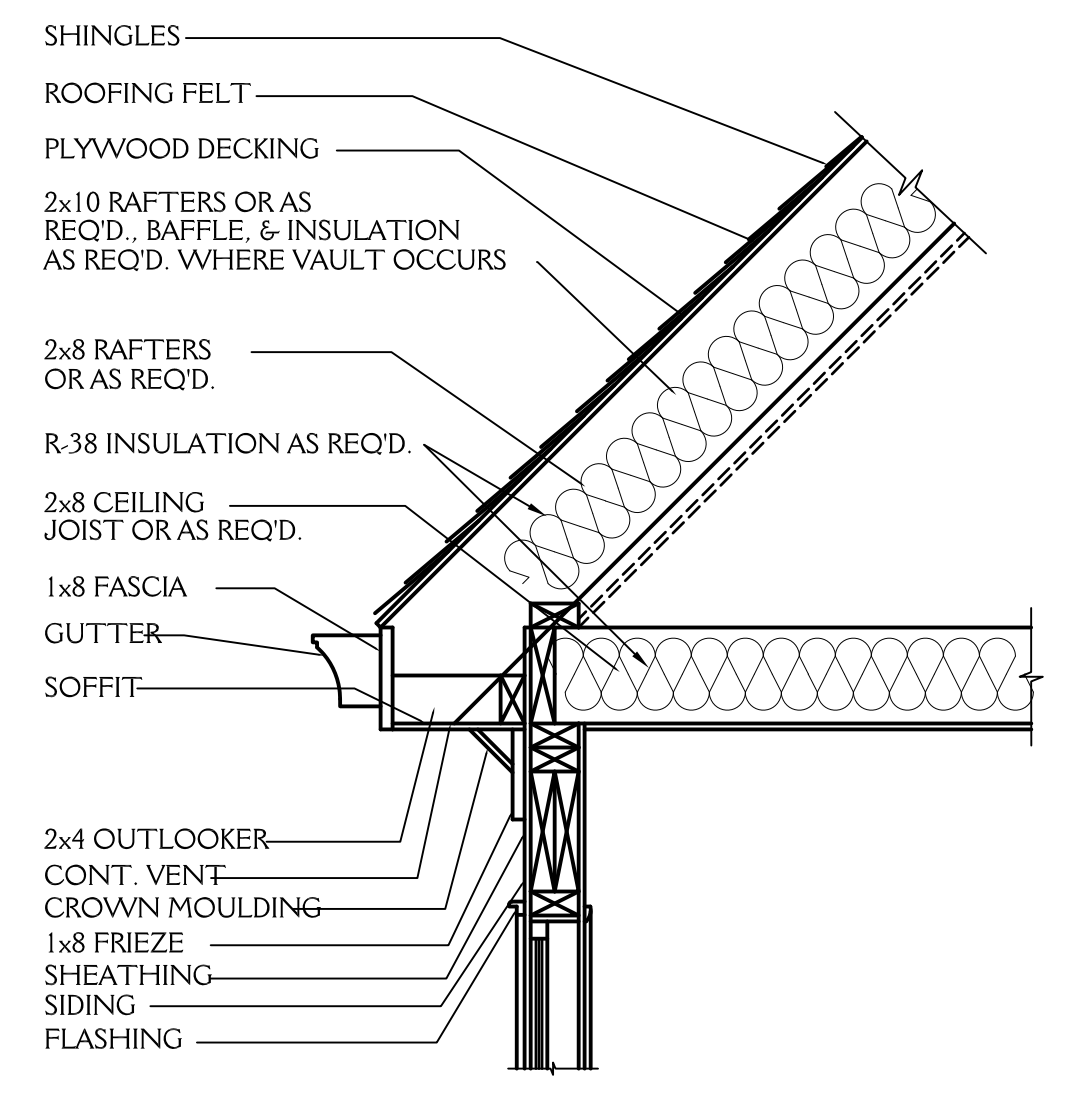
**3 SCHEMATIC SECTION**  
SCALE 1/4" = 1'-0"



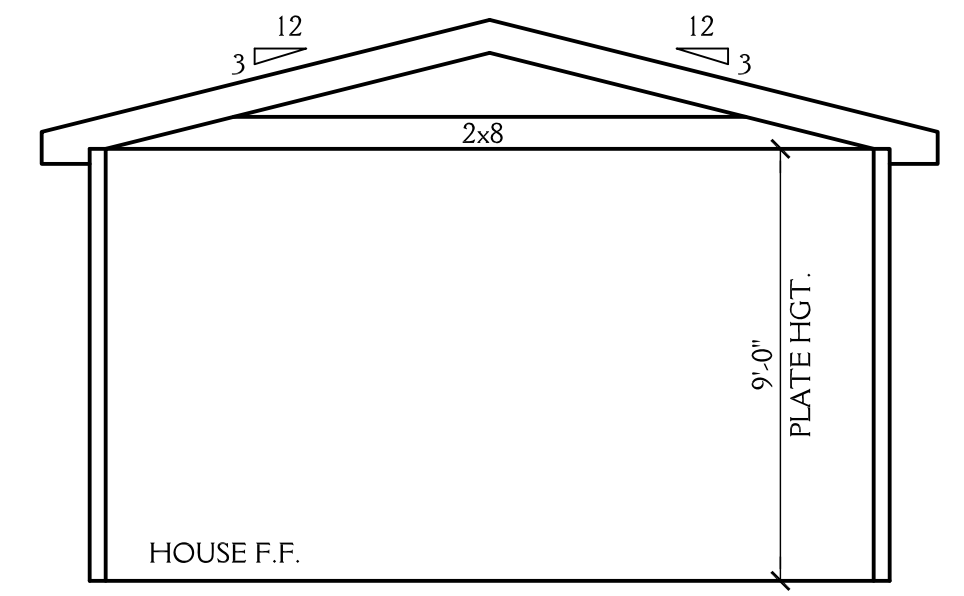
**4 SCHEMATIC SECTION**  
SCALE 1/4" = 1'-0"



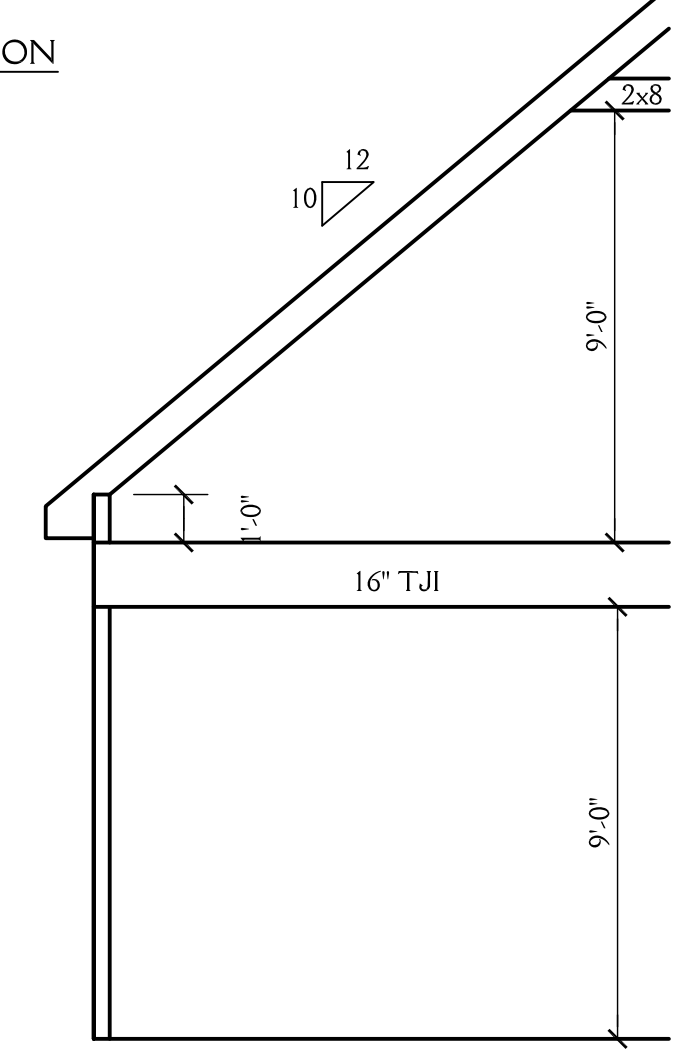
**FLOOR FRAMING**  
NTS



**CORNICE DETAIL**  
3/4" = 1'-0"



**5 SCHEMATIC SECTION**  
SCALE 1/4" = 1'-0"



**6 SCHEMATIC SECTION**  
SCALE 1/4" = 1'-0"

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