

**NOTE:**

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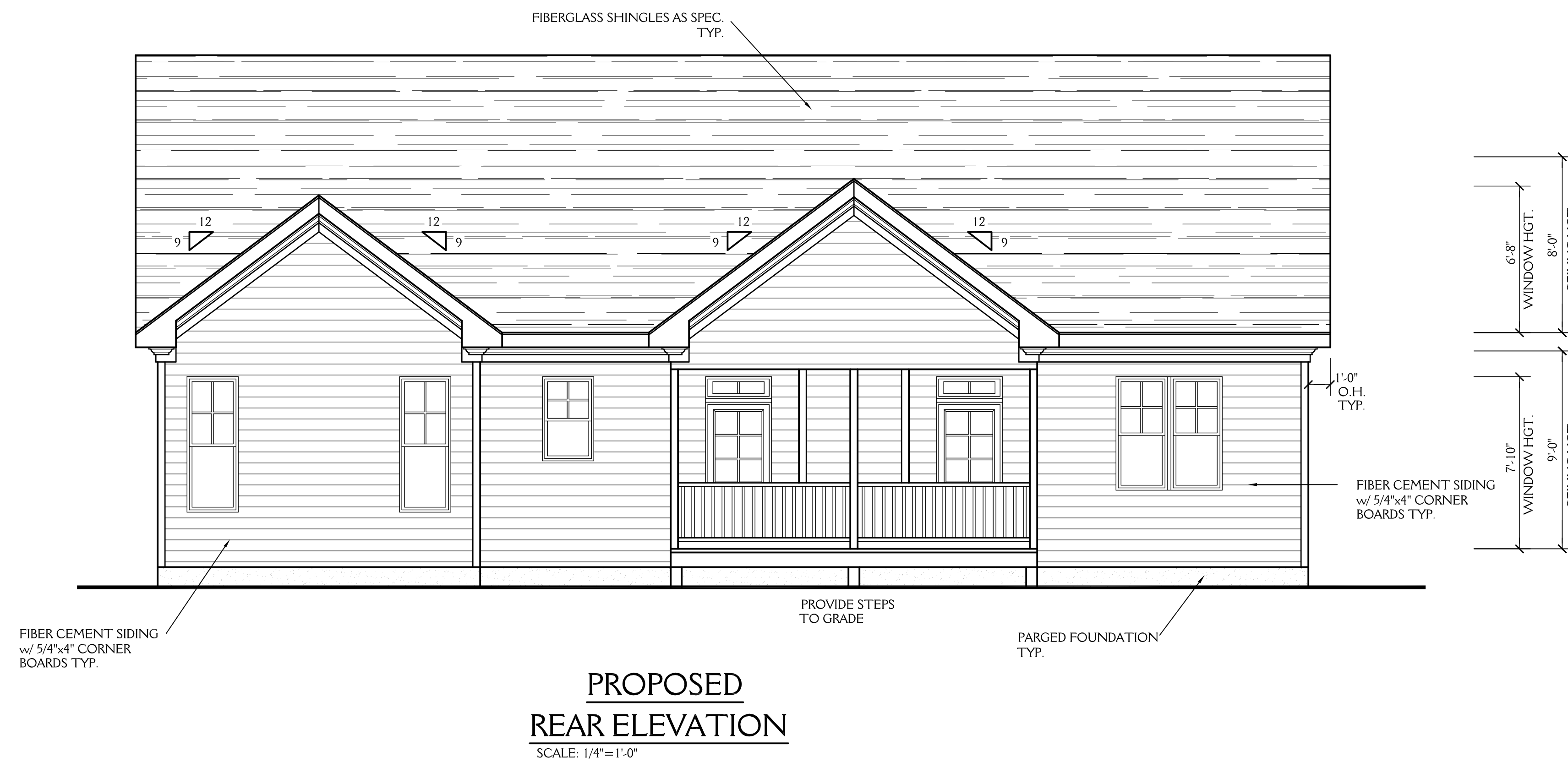
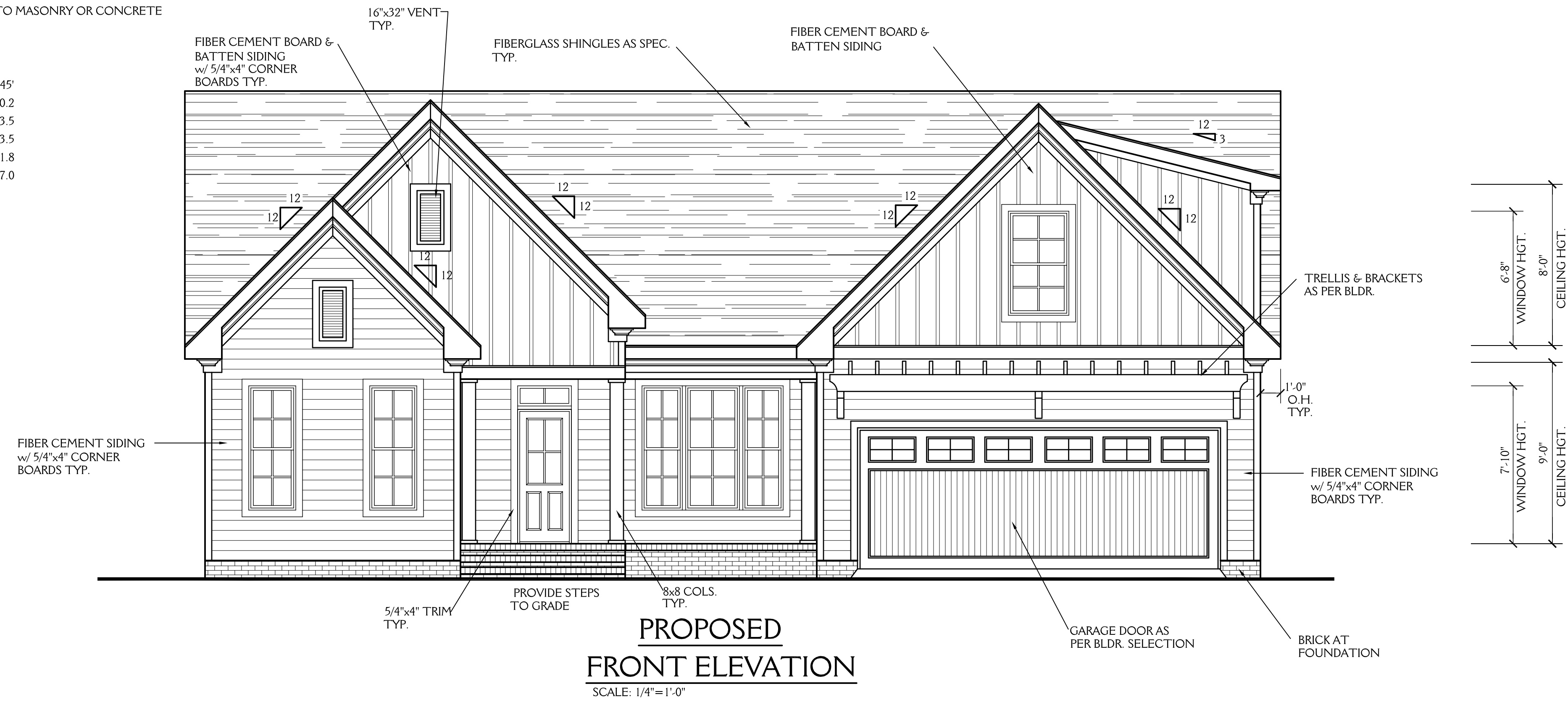
PLANS DESIGNED TO THE 2018 NORTH CAROLINA RESIDENTIAL CODE  
 HOUSE DESIGNED FOR 115 MPH 3 SECOND GUST (89 FASTEST MILE), EXPOSURE B  
 ANCHOR BOLTS TO BE NO MORE THAN 6' O.C. AND WITHIN 12" OF ALL PLATES SPLICES  
 ANCHOR BOLTS SHALL BE MIN. 1/2" DIAMETER & SHALL EXTEND A MINIMUM 7" INTO MASONRY OR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

MEAN ROOF HEIGHT = < 30'-0"

COMPONENT & CLADDING DESIGNED FOR THE FOLLOWING LOADS

MEAN ROOF HEIGHT	UP TO 30'	30'-1" - 35'	35'-1" - 40'	40'-1" - 45'
ZONE 1	16.5, -18.0	17.3, -18.9	18.0, -19.6	18.5, -20.2
ZONE 2	16.5, -21.0	17.3, -22.1	18.0, -22.9	18.5, -23.5
ZONE 3	16.5, -21.0	17.3, -22.1	18.0, -22.9	18.5, -23.5
ZONE 4	18.0, -19.5	18.9, -20.5	19.6, -21.3	20.2, -21.8
ZONE 5	18.0, -24.1	18.9, -25.3	19.6, -26.3	20.2, -27.0

MINIMUM VALUES FOR ENERGY COMPLIANCE:  
 ZONE 4 MAX GLAZING U-FACTOR = 0.32 CEILING R-38 WALLS R-15 FLOORS R-19



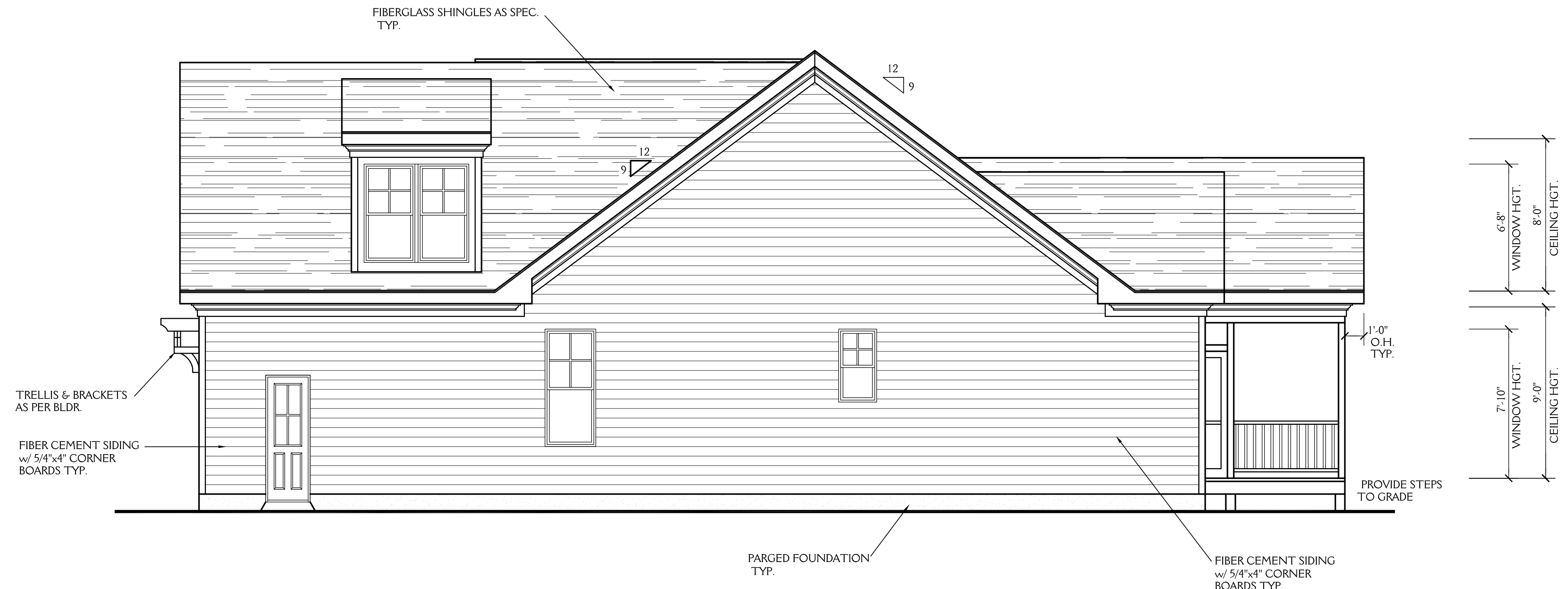


**New Light**  
Residential Design, L.L.C.  
919-880-1287

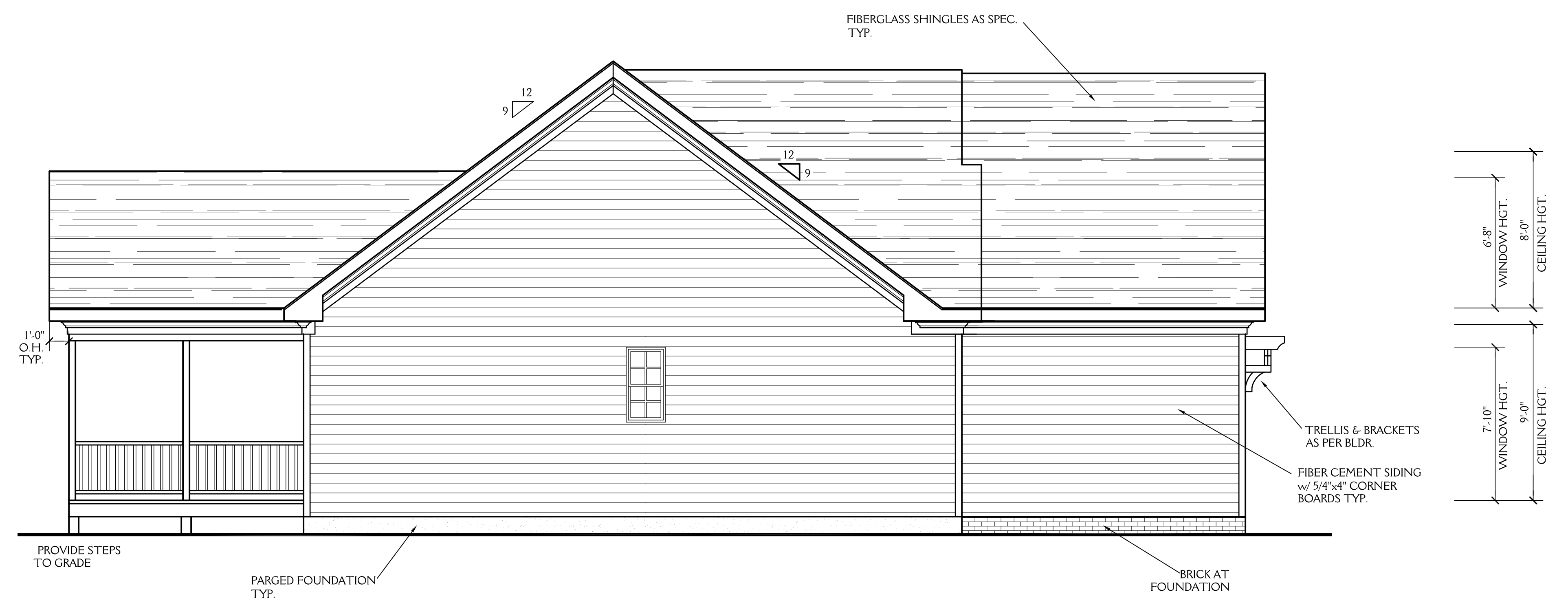
J&W CUSTOM HOMES 2599 HWY 96 WILTON NC		SHEET <b>1</b> OF 5
DRAWN BY: JD	DATE: 4-27-22	PROJECT NO. 2216
REVISIONS:		

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**PROPOSED  
RIGHT ELEVATION**  
SCALE: 1/4"=1'-0"



**PROPOSED  
LEFT ELEVATION**  
SCALE: 1/4"=1'-0"

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J&W CUSTOM HOMES 2599 HWY 96 WILTON NC		SHEET <b>2</b> OF 5
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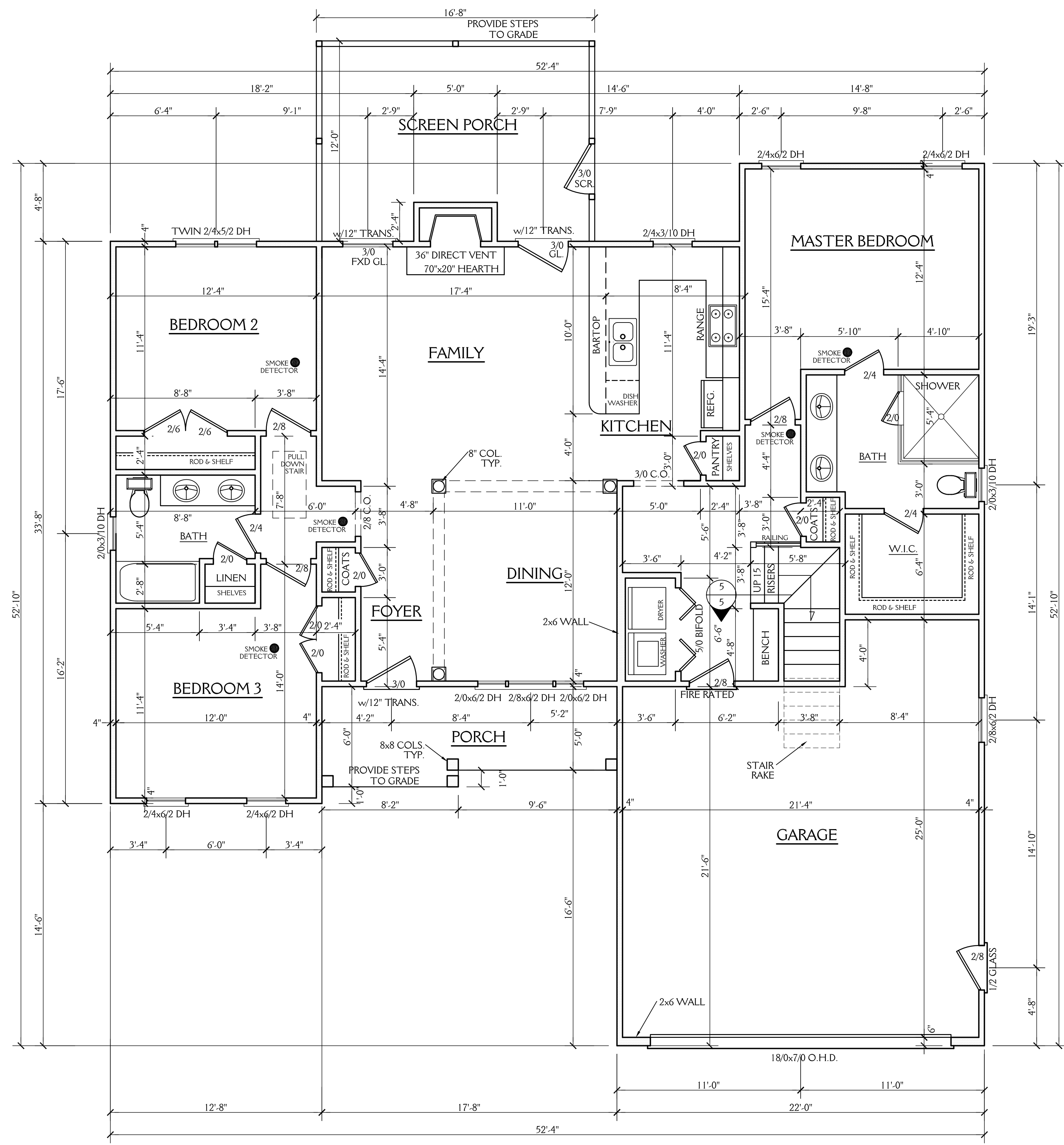
CONSTRUCTION TO MEET OR EXCEED ALL REQUIREMENTS OF THE 2018 NC RESIDENTIAL BUILDING CODE

- 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.
- 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.

**ABBREVIATIONS**

C.O. : CASSED 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

1519 SQ FT HTD (1ST FLOOR)	506 SQ FT (GARAGE)
275 SQ FT HTD (2ND FLOOR)	97 SQ FT (PORCH)
1794 SQ FT HTD TOTAL	189 SQ FT (SCREEN PORCH)
	792 UNHEATED TOTAL



**FIRST FLOOR PLAN**

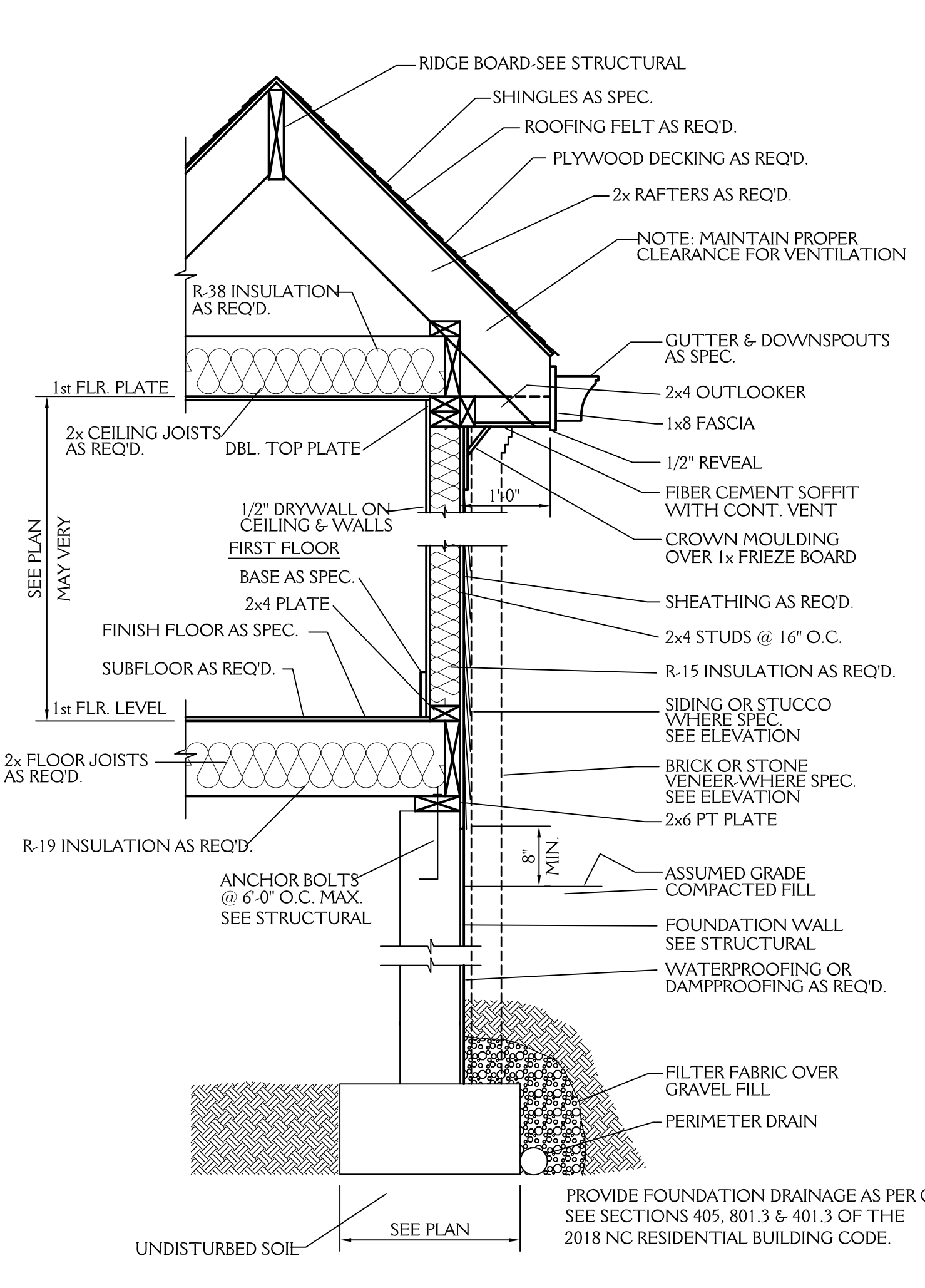
SCALE 1/4"=1'-0"  
9'-0" CLG. HGT.  
SET WINDOWS AT 7'-10" AFF



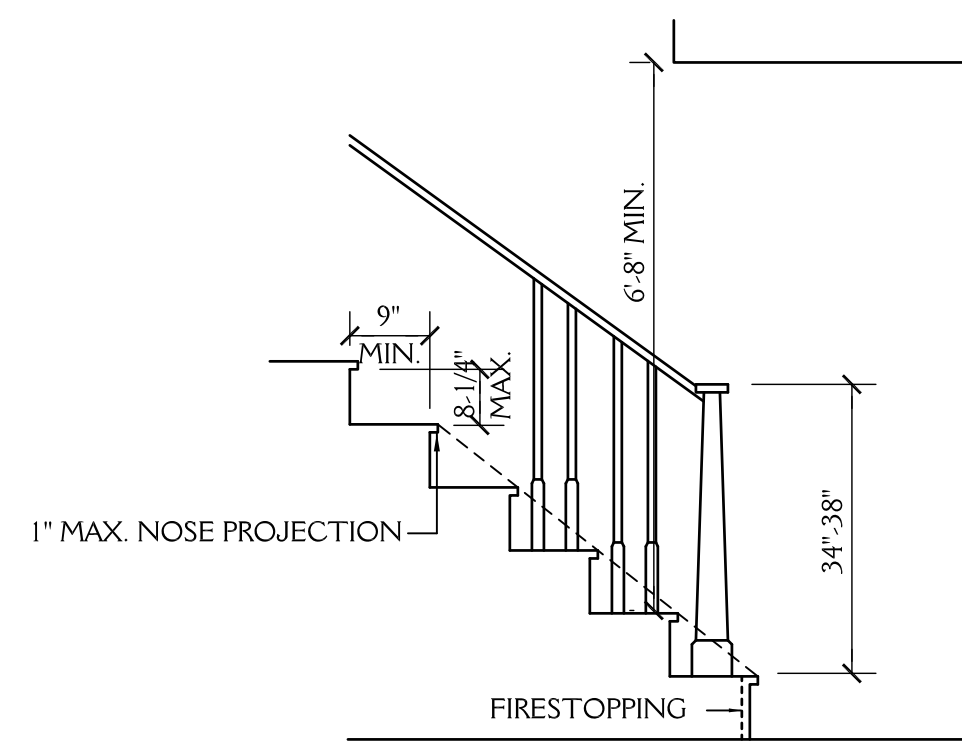
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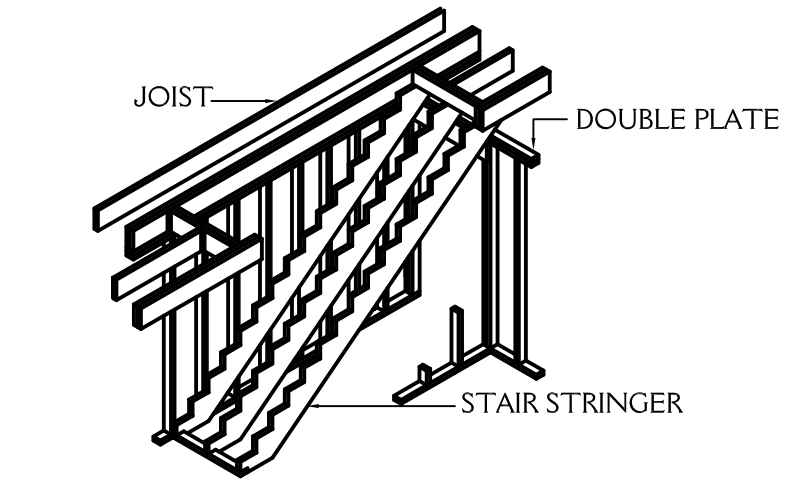




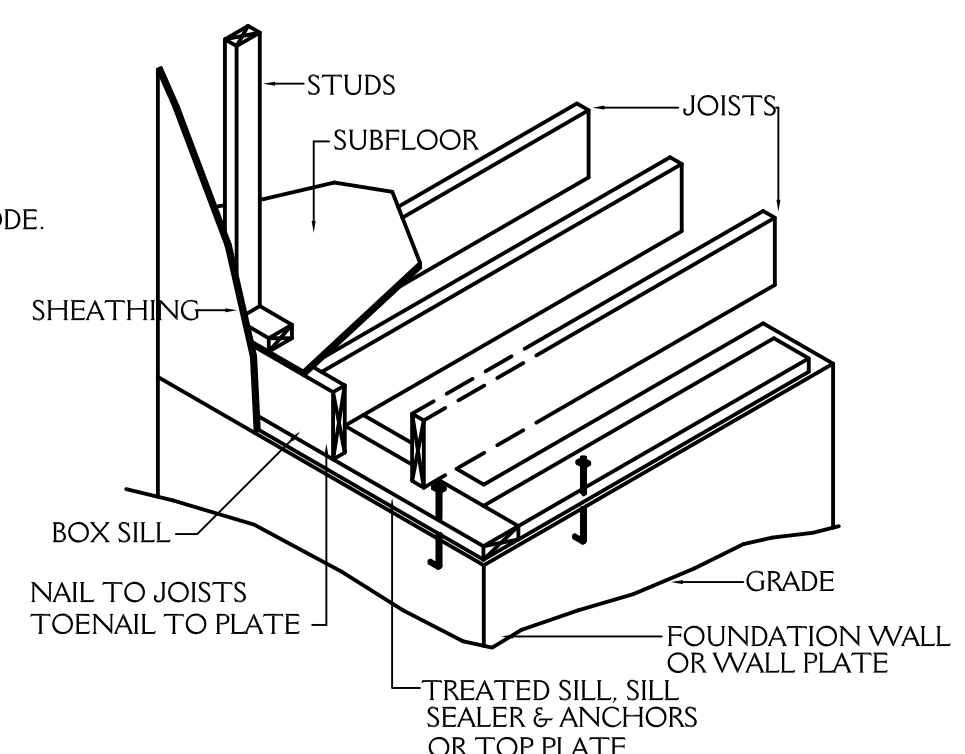
**TYPICAL WALL SECTION**  
3/4" = 1'-0"



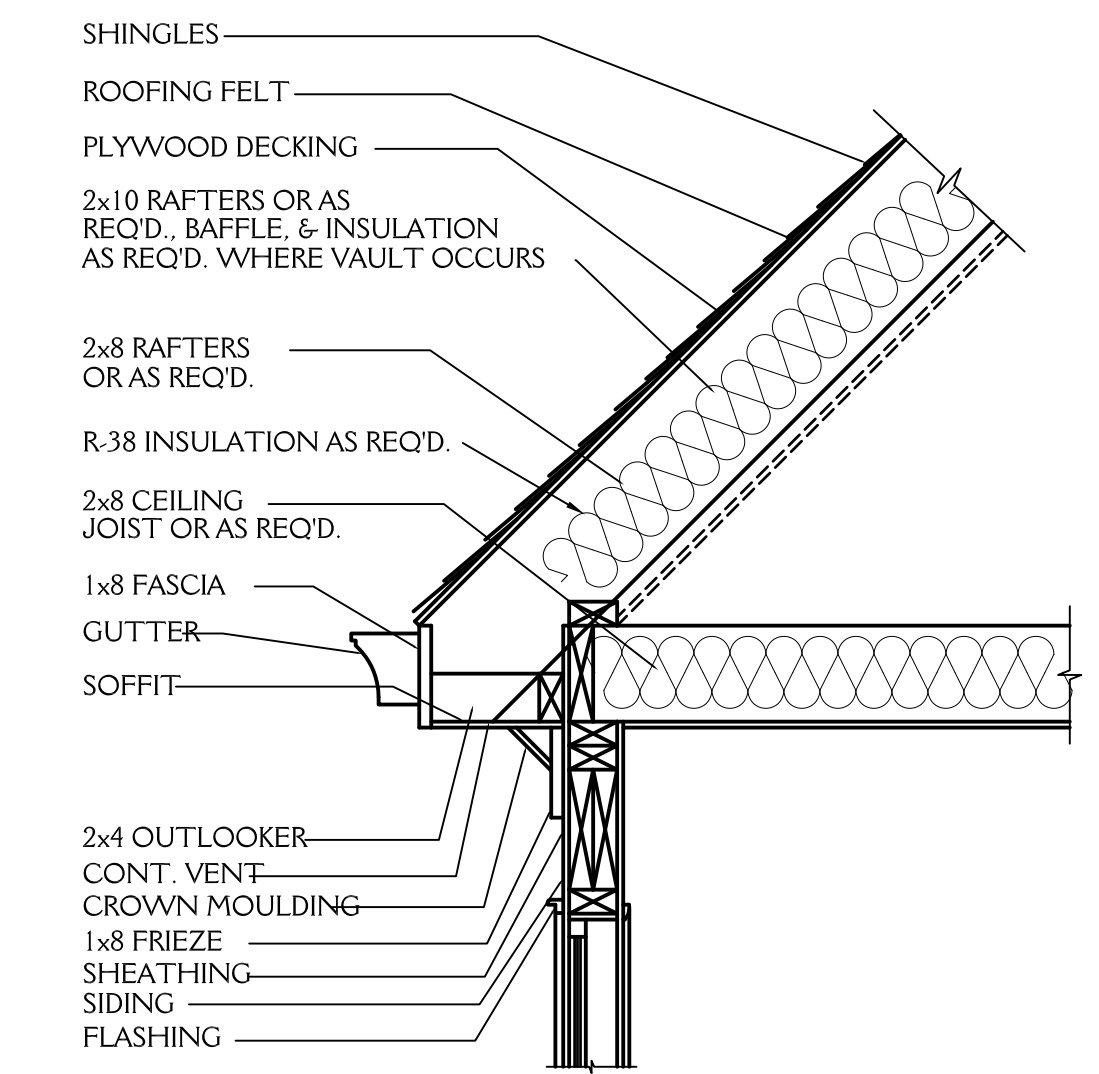
**STAIR DETAIL**  
SCALE: NTS



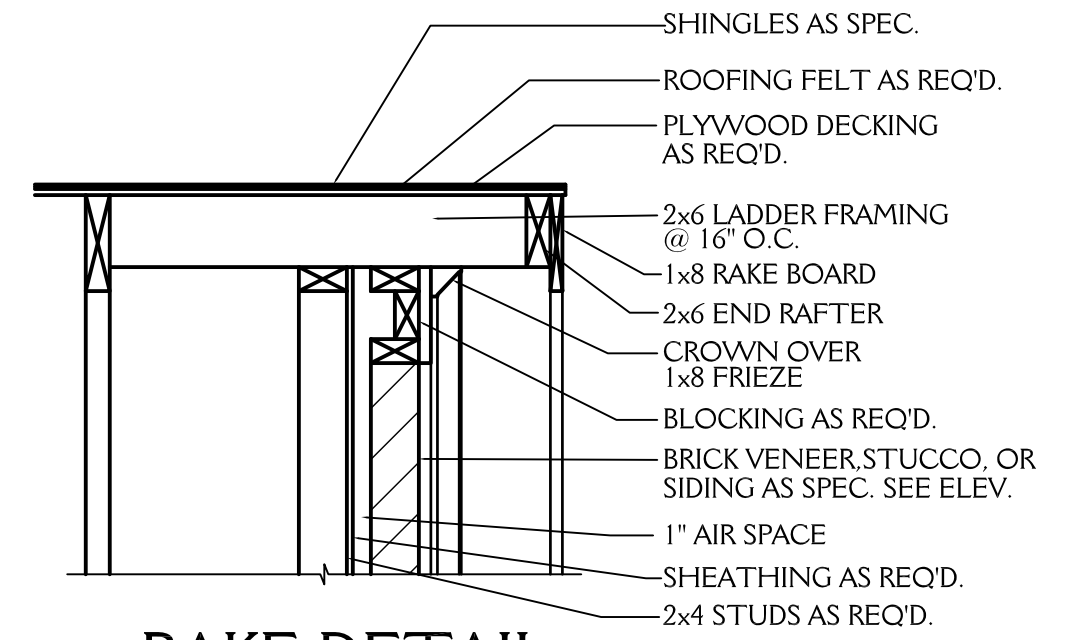
**STAIRWAY FRAMING**  
NTS



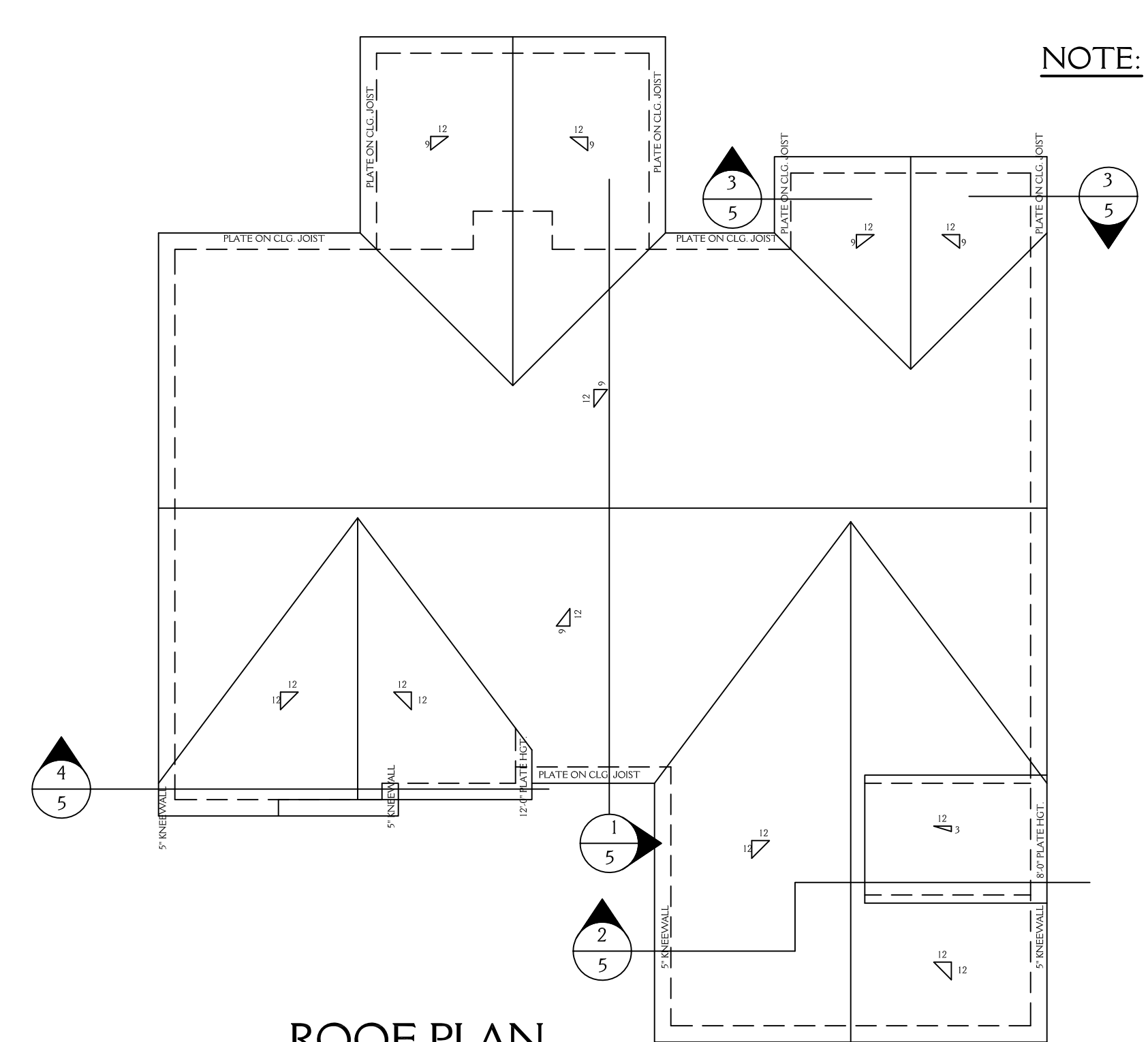
**FLOOR FRAMING**  
NTS



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

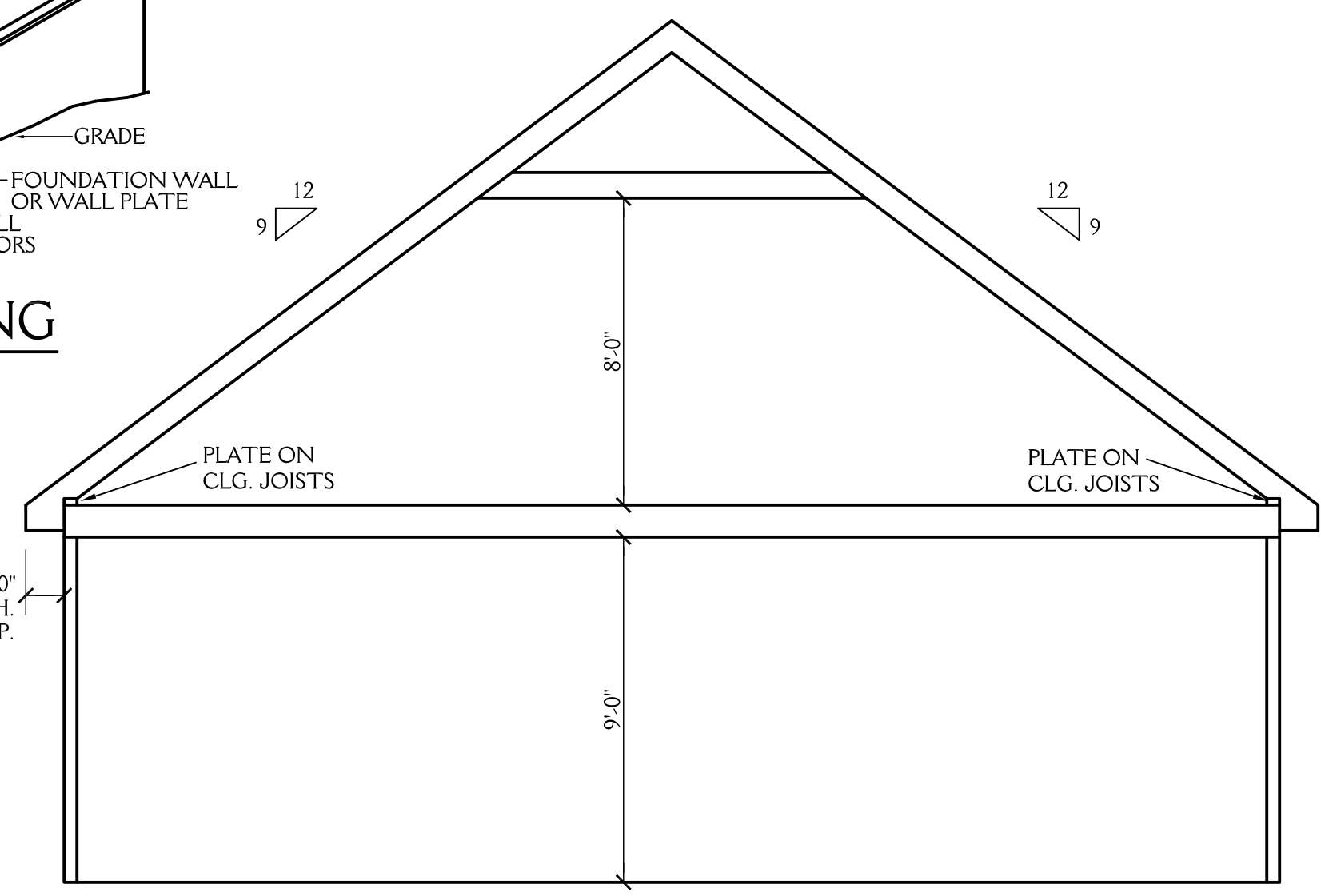


**RAKE DETAIL**  
3/4" = 1'-0"



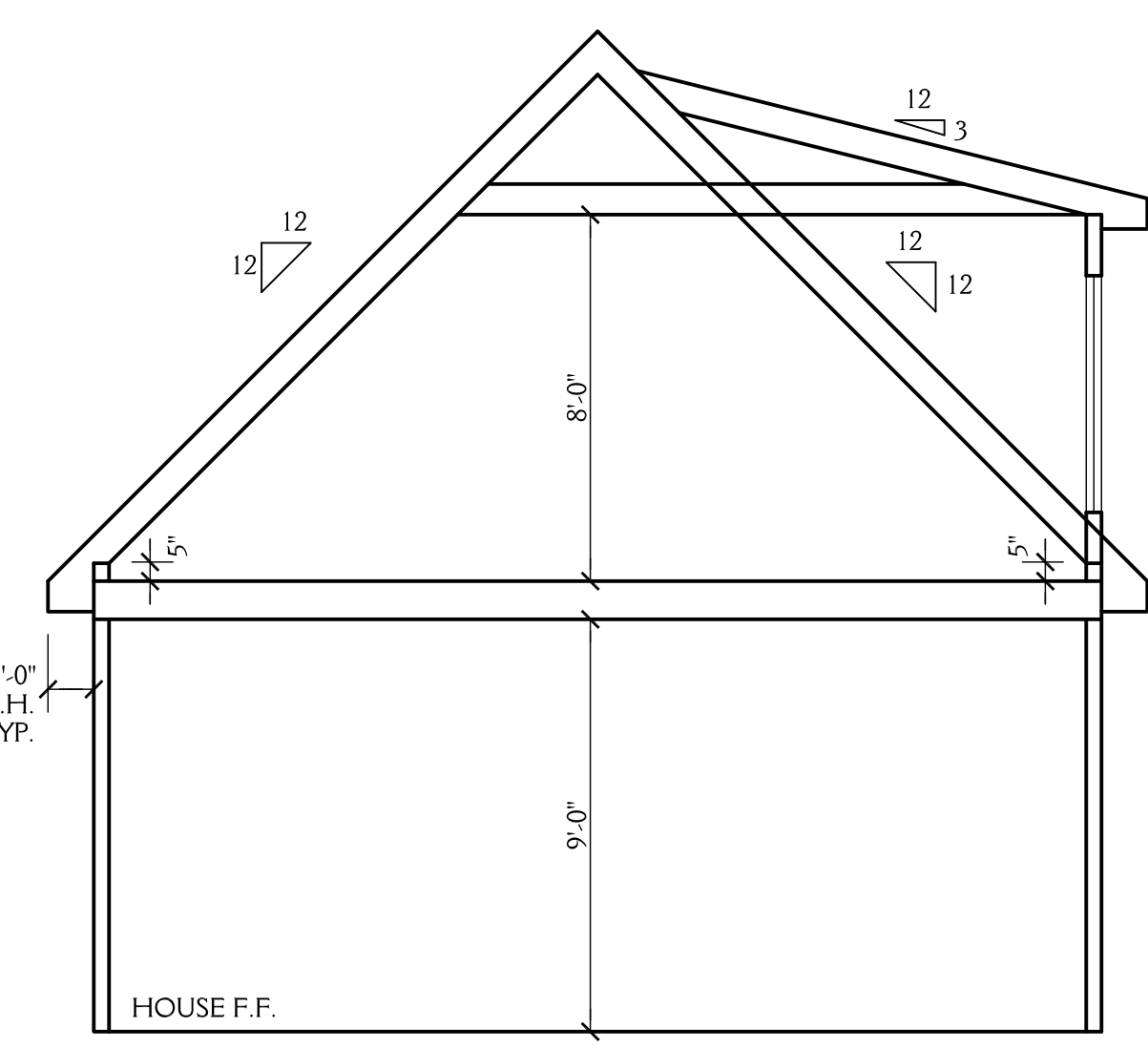
**ROOF PLAN**  
SCALE 1/8" = 1'-0"

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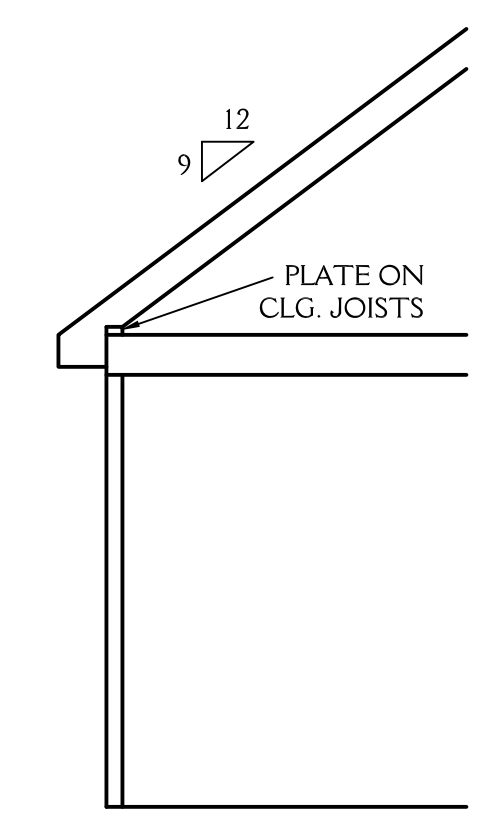
**1** SCHEMATIC SECTION  
SCALE 1/4" = 1'-0"

NOTE: OPTIONAL ROOF TRUSSES  
ROOF TRUSS DESIGN BY TRUSS MANUF.



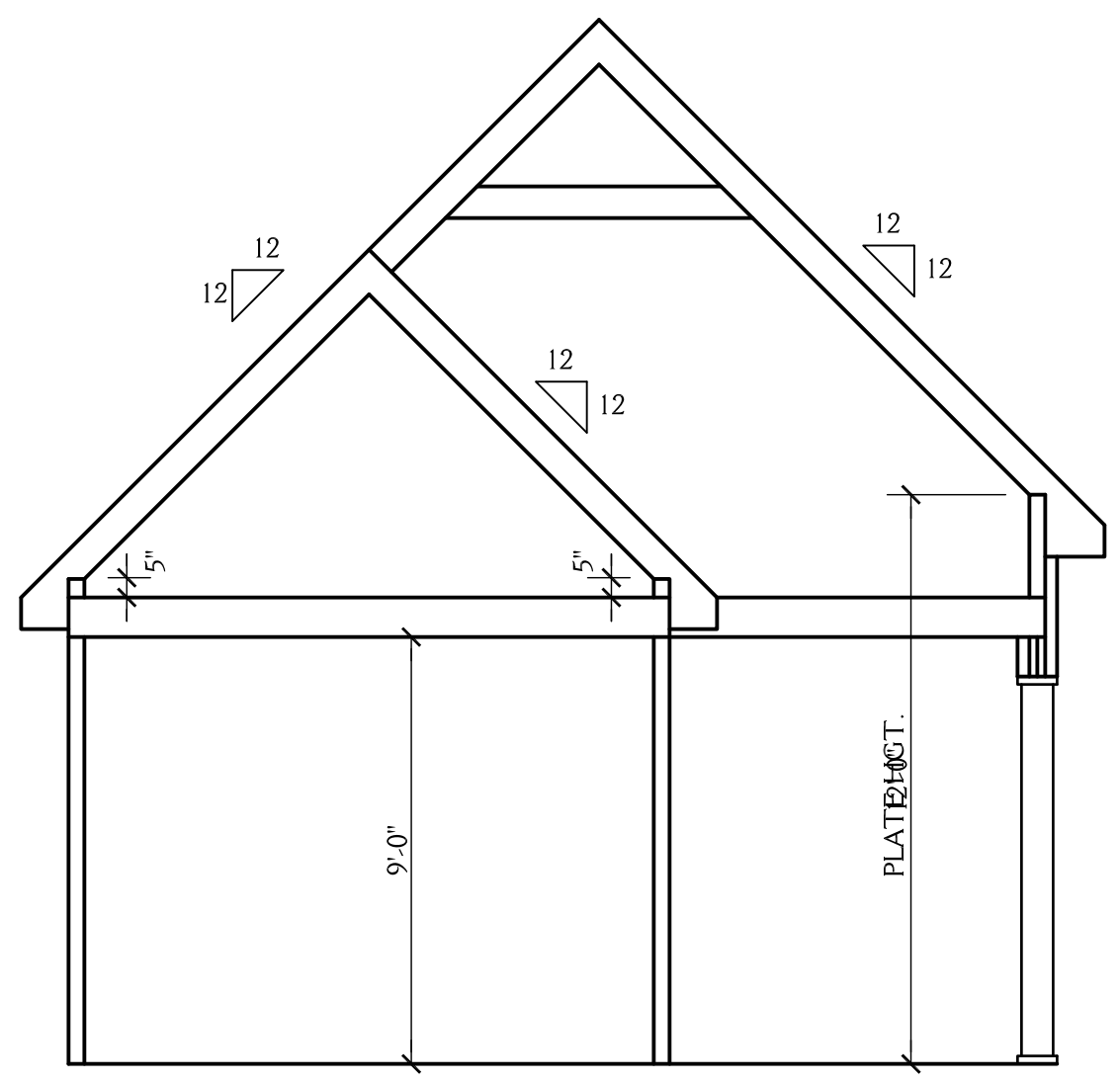
**2** SCHEMATIC SECTION  
SCALE 1/4" = 1'-0"

NOTE: OPTIONAL ROOF TRUSSES  
ROOF TRUSS DESIGN BY TRUSS MANUF.



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

NOTE: OPTIONAL ROOF TRUSSES  
ROOF TRUSS DESIGN BY TRUSS MANUF.



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

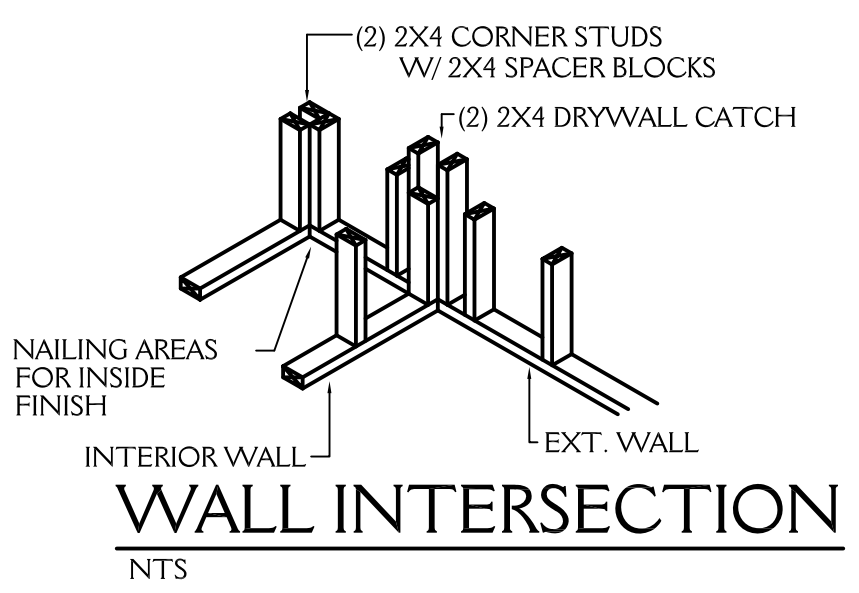
NOTE: OPTIONAL ROOF TRUSSES  
ROOF TRUSS DESIGN BY TRUSS MANUF.

**ROOF VENT CALCS**

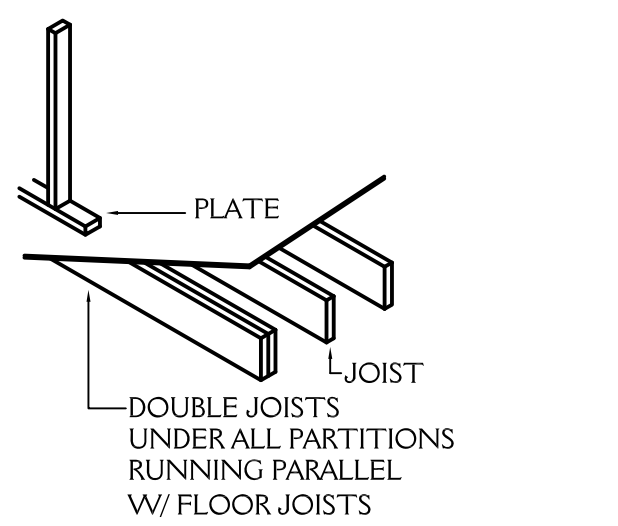
2308 SQ.FT. / 150 = 15.39 SQ.FT. REQ'D  
BUILDER TO PROVIDE APPROPRIATE VENTILATION AS REQUIRED BY CODE  
SEE SECTION R806 OF THE 2018 NC RESIDENTIAL BLDG. CODE

**FND VENT CALCS**

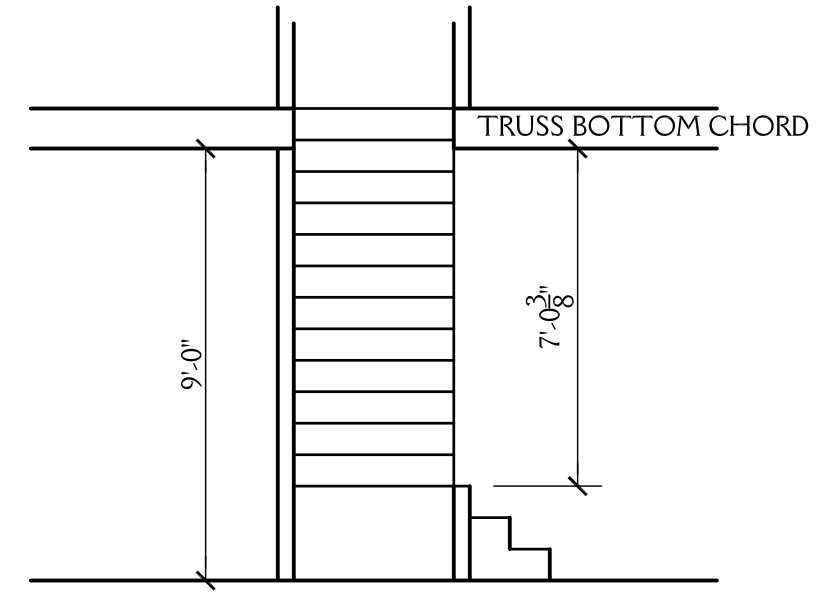
1408 SQ.FT. / 150 = 9.4 SQ.FT. REQ'D  
BUILDER TO PROVIDE APPROPRIATE VENTILATION AS REQUIRED BY CODE  
SEE SECTION R408 OF THE 2018 NC RESIDENTIAL BLDG. CODE



**WALL INTERSECTION**  
NTS



**PARALLEL PARTITION**  
NTS



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

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