

PLANS DESIGNED TO THE 2018 NORTH CAROLINA RESIDENTIAL CODE
 HOUSE DESIGNED FOR 100 MPH 3 SECOND GUST (80 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"

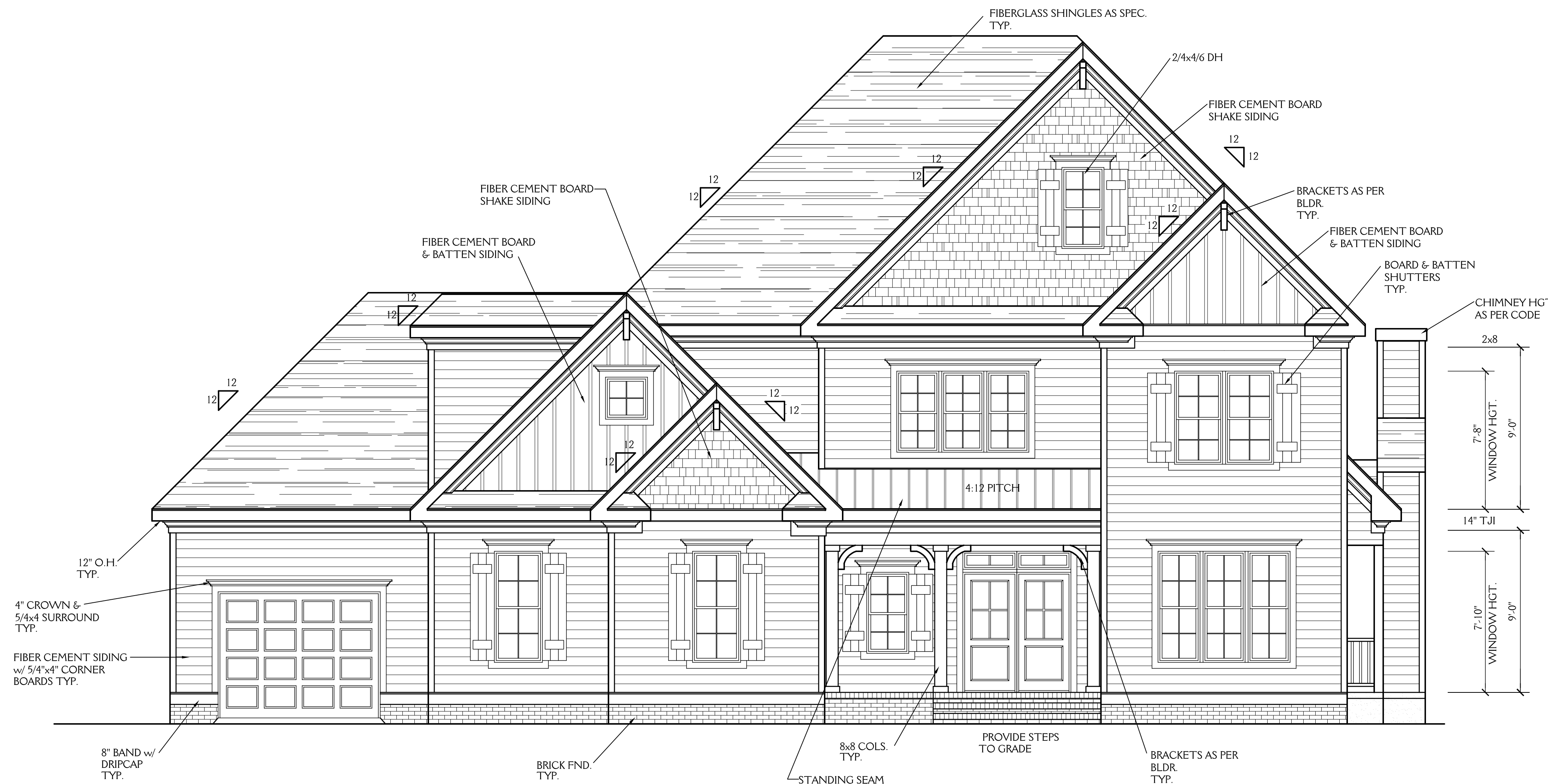
COMPONENT & CLADDING DESIGNED FOR THE FOLLOWING LOADS

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

NOTE: 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

1812 SQ FT HTD (1ST FLOOR)	87 SQ FT (PORCH)
1503 SQ FT HTD (2ND FLOOR)	194 SQ FT (DECK)
3315 SQ FT HTD TOTAL	846 SQ FT (GARAGE)
	1127 UNHEATED TOTAL



FRONT ELEVATION

SCALE 1/4"=1'-0"

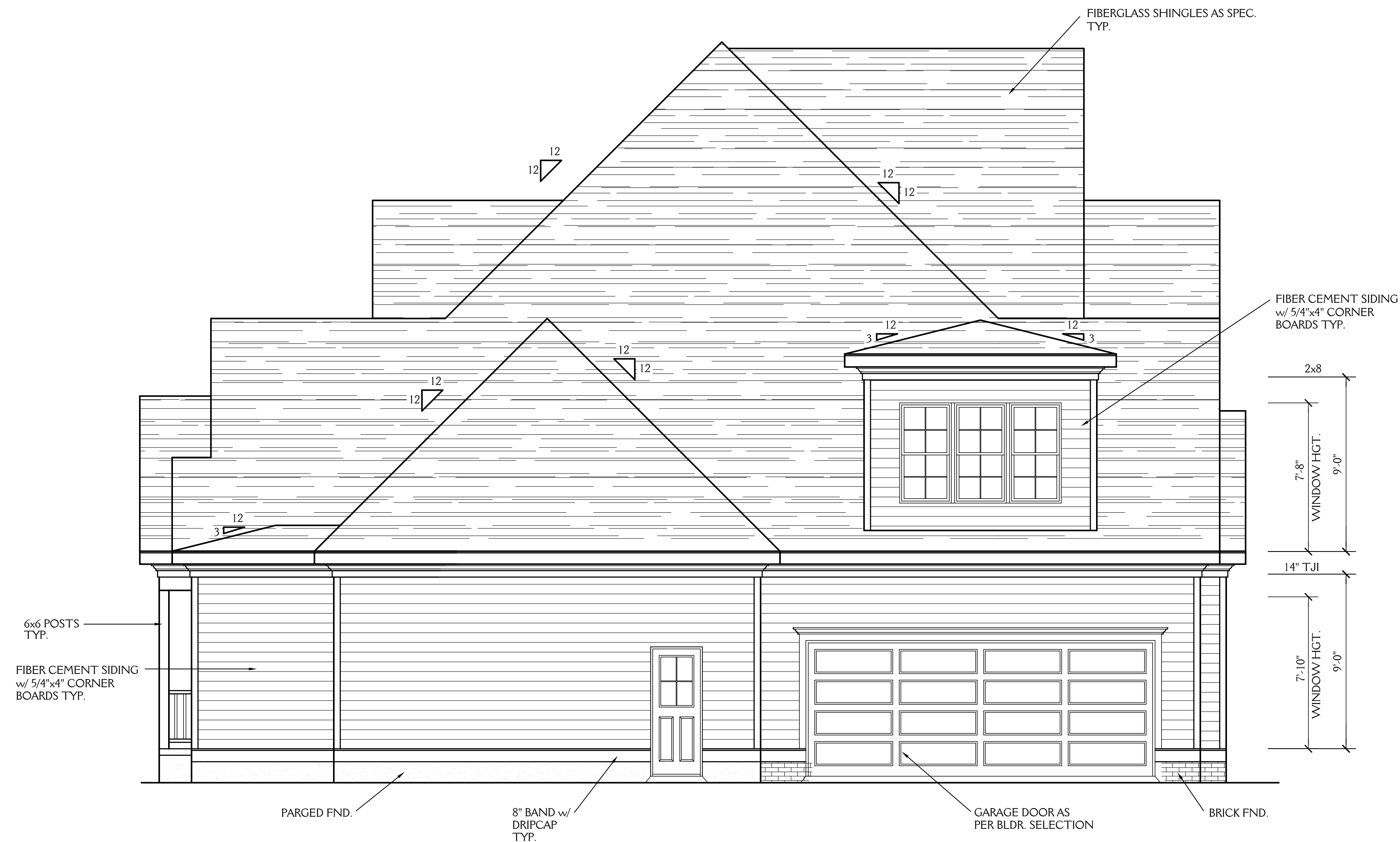


REAR ELEVATION

SCALE 1/4"=1'-0"

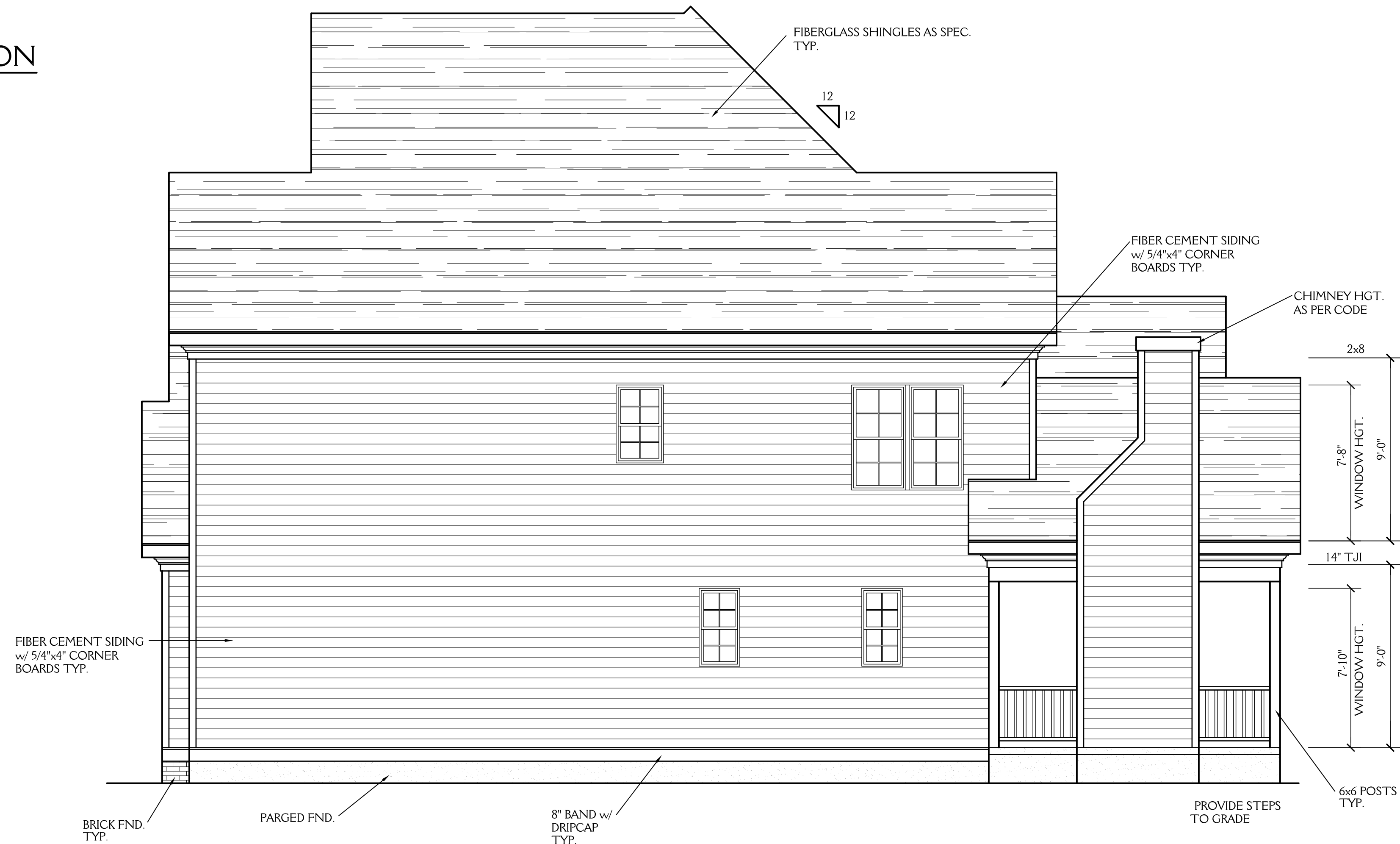
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 Residential Design, L.L.C.
 919-880-1287

NORTH CAROLINA EXTERIORS LOT 6 JACKSON MANOR		SHEET 1 OF 5
DRAWN BY: JD	DATE: 3-14-19	PROJECT NO. 1923
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LEFT ELEVATION

SCALE 1/4"=1'-0"



RIGHT ELEVATION

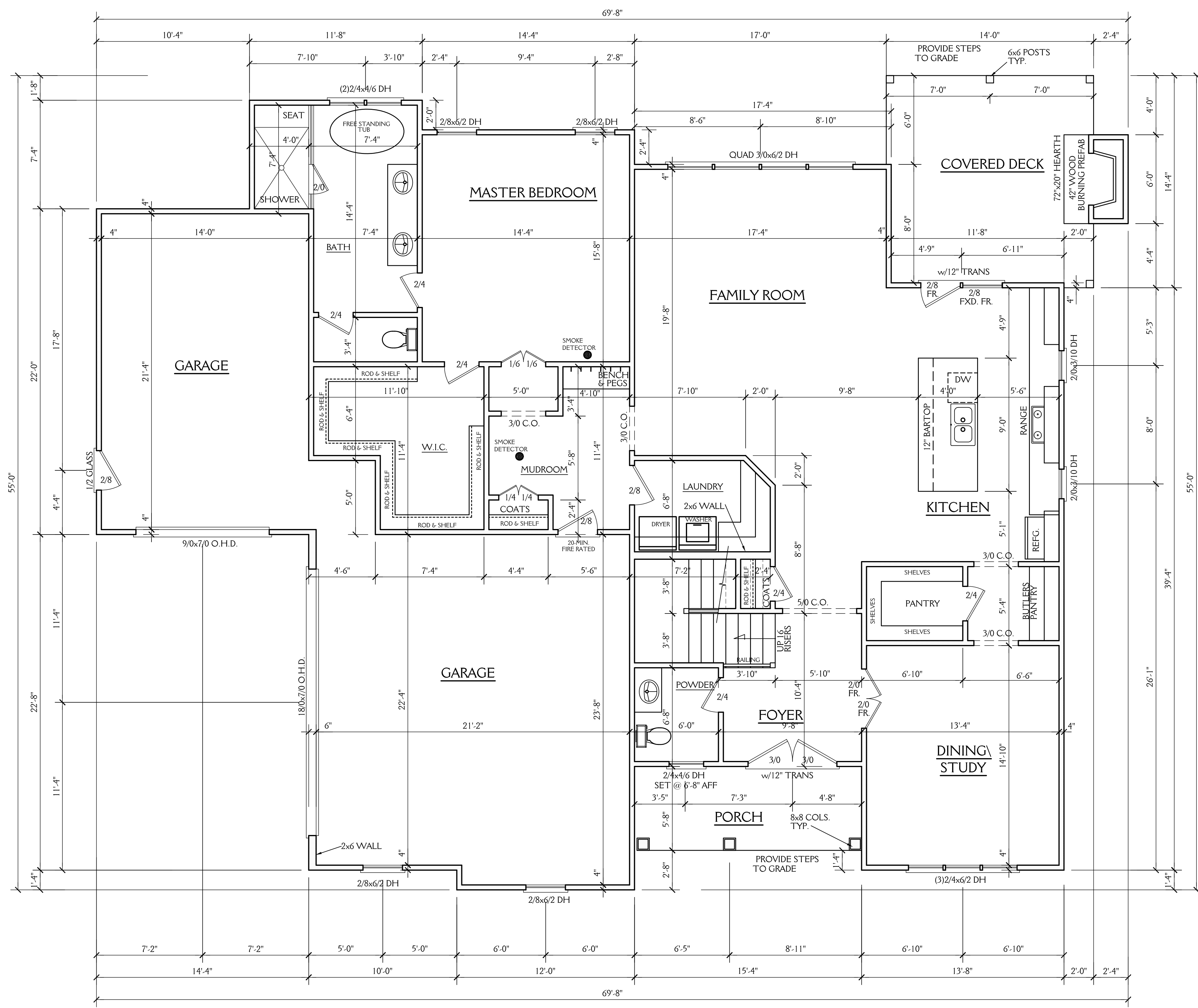
SCALE 1/4"=1'-0"

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NORTH CAROLINA EXTERIORS LOT 6 JACKSON MANOR		SHEET 2 OF 5
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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.
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 LESS AND SHGC OF .30 OR MORE.
6. SEE CHAPTER 11 OF THE 2018 NC RESIDENTIAL BUILDING CODE FOR ALL ENERGY CONSERVATION REQUIREMENTS.
7. SEE SECTION 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

ABBREVIATIONS

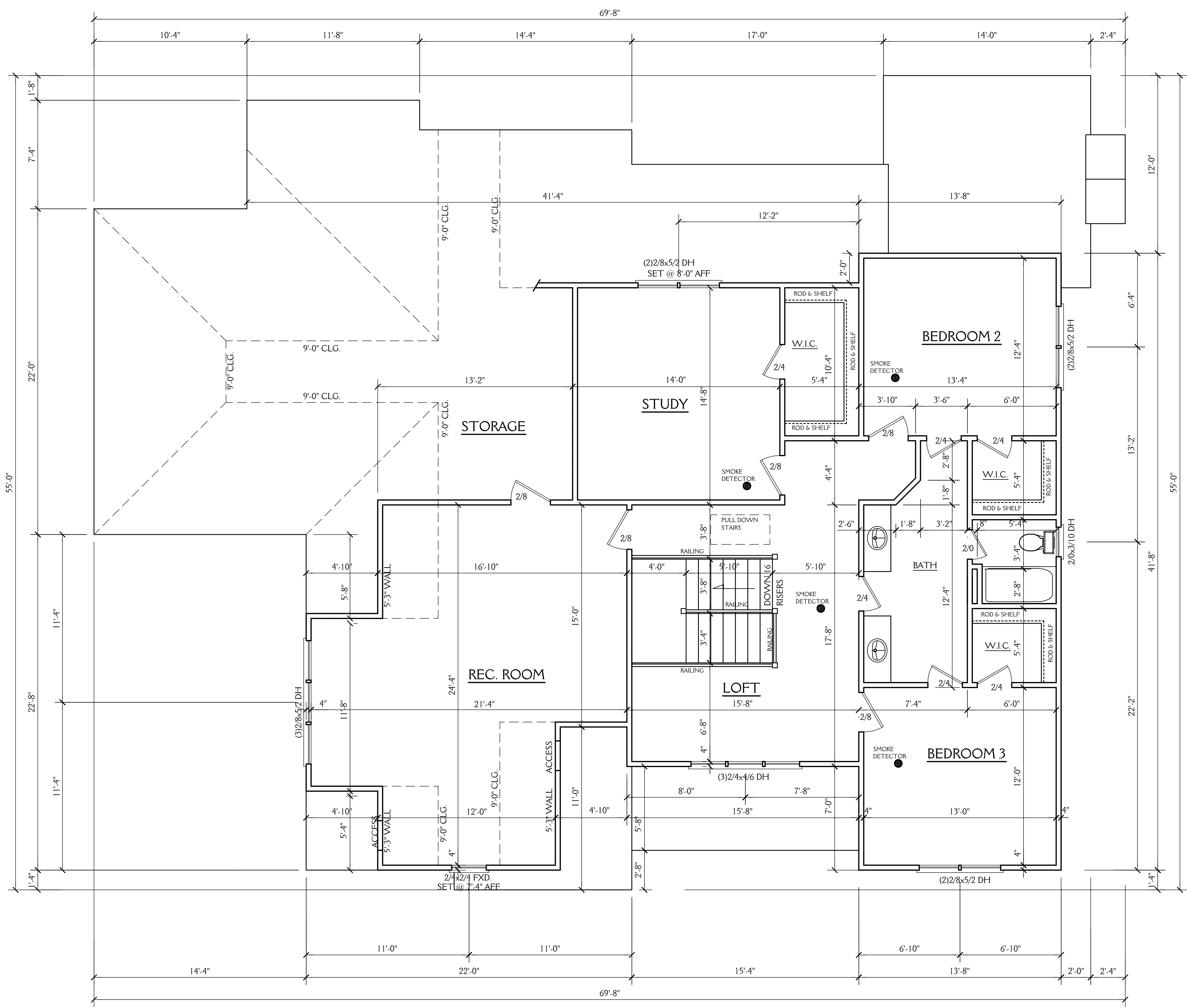
C.O. : CASED OPENING
 D.W.V. : DISHWASHER
 W.I.C. : WALK IN CLOSET
 SHWR. : SHOWER
 DN. : DOWN
 TYP. : TYPICAL
 CLG. : CEILING
 HGT. : HEIGHT
 COL. : COLUMN
 TRANS. : TRANSOM
 CANT. : CANTILEVER

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

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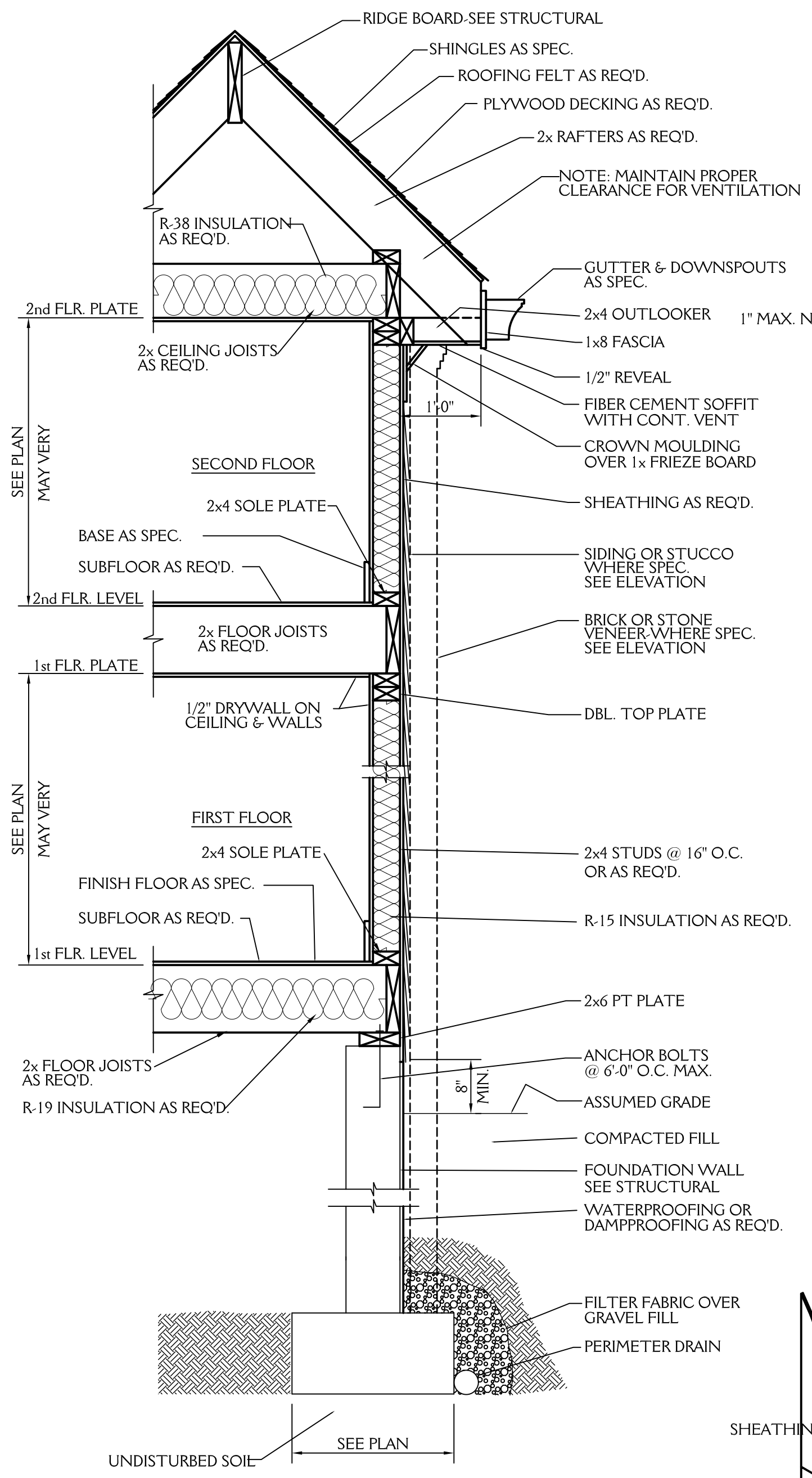


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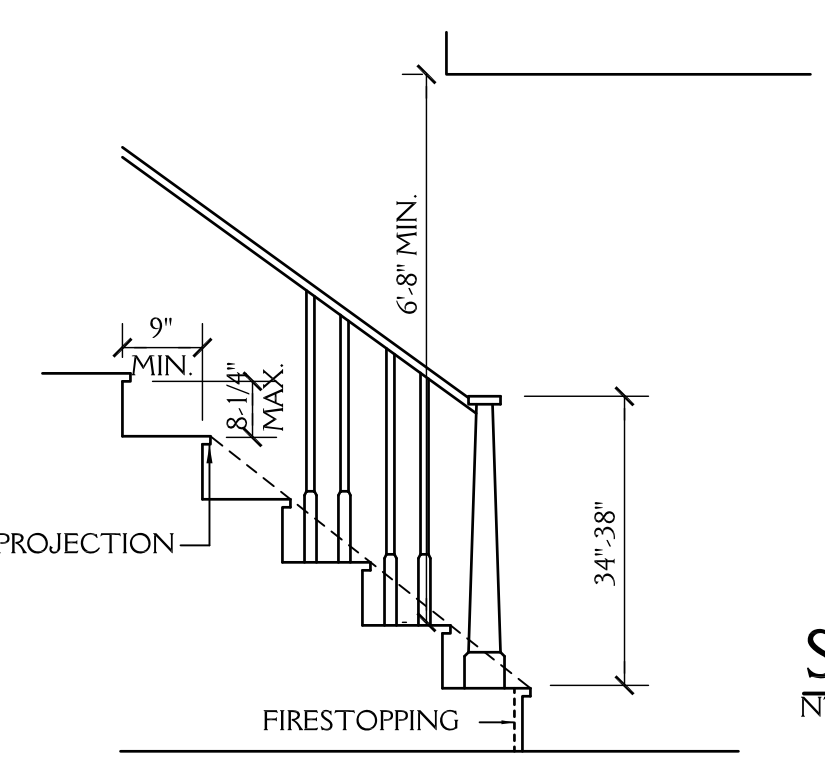
SECOND FLOOR PLAN
 SCALE 1/4"=1'-0"
 9'-0" CLG. HGT.
 SET WINDOWS AT 7'-8" AFF U.N.O.

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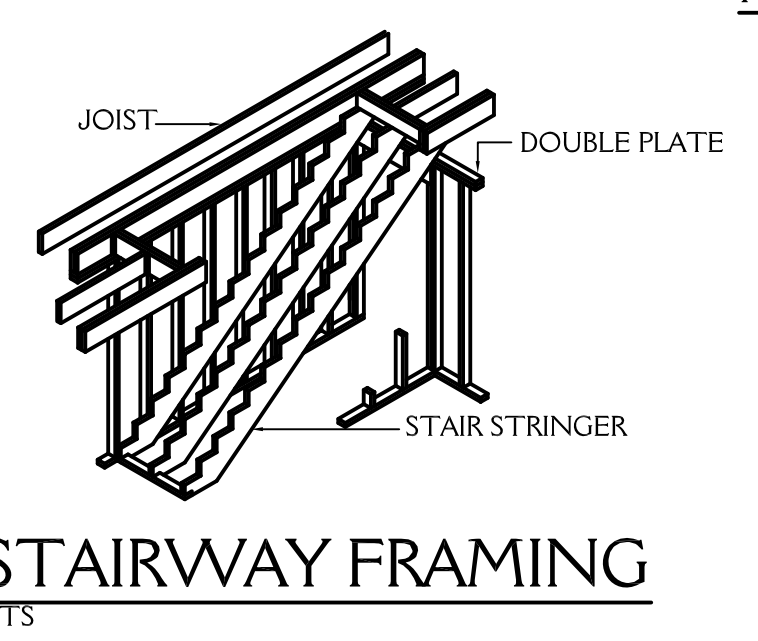
NORTH CAROLINA EXTERIORS LOT 6 JACKSON MANOR		SHEET 4 OF 5
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TYPICAL WALL SECTION
3/4"=1'-0"



STAIR DETAIL
SCALE: NTS

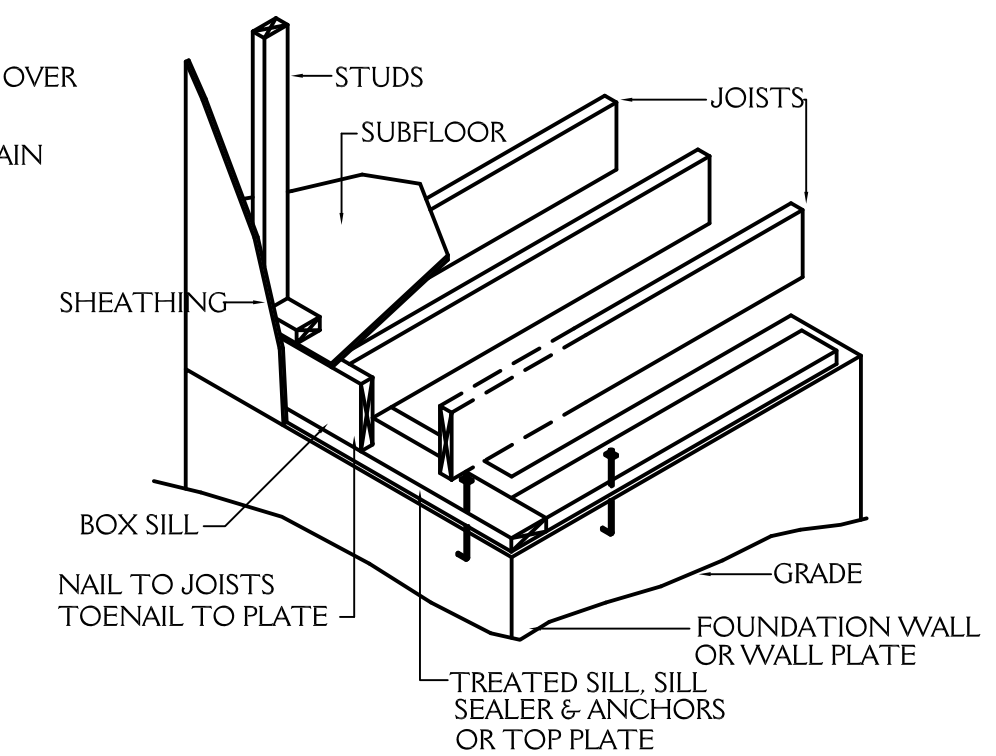


STAIRWAY FRAMING
NTS

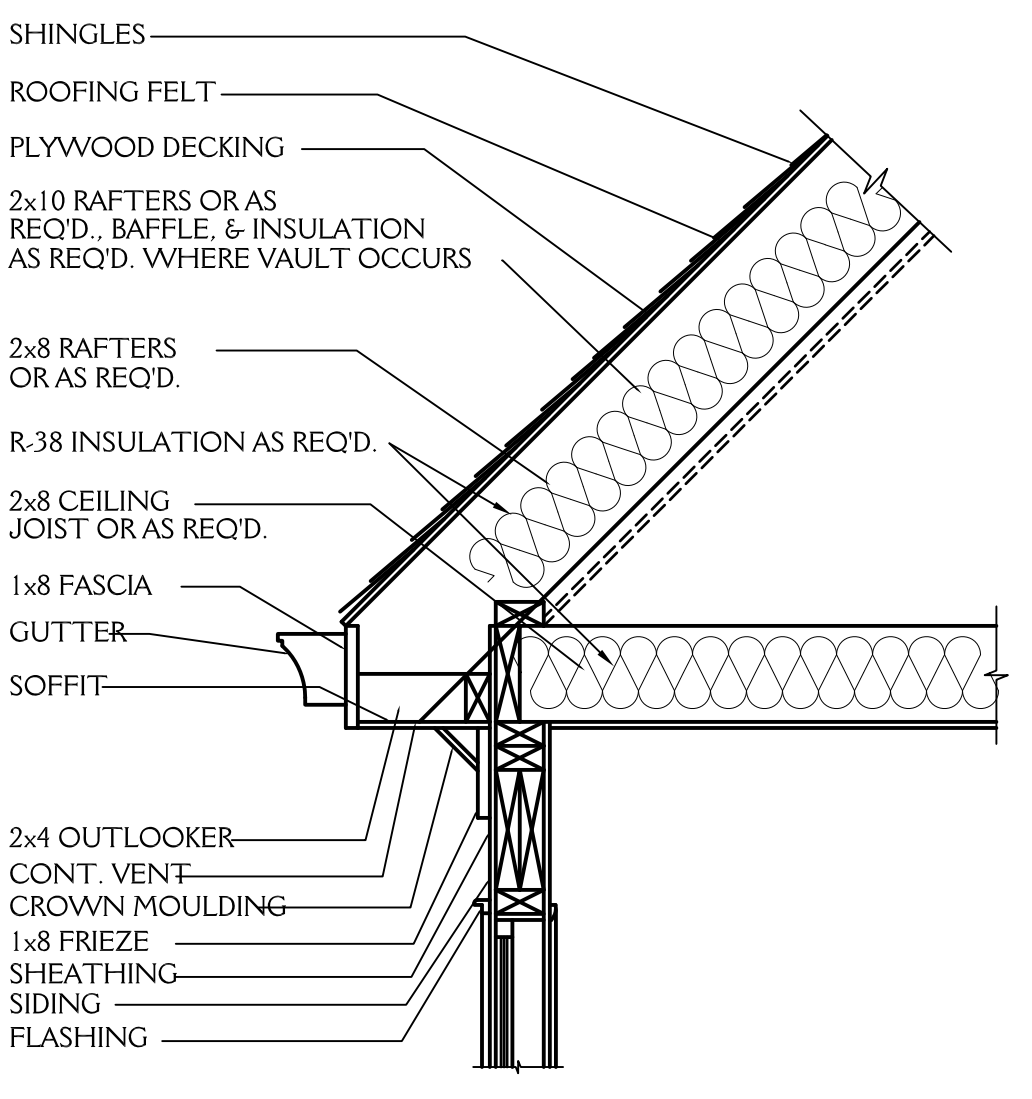
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ROOF VENT CALCS
2767 SQ.FT. /150 = 19.05 SQ.FT. REQ'D
BUILDER TO PROVIDE APPROPRIATE VENTILATION AS REQUIRED BY CODE
SEE SECTION R806 OF THE 2018 NC RESIDENTIAL BLDG. CODE

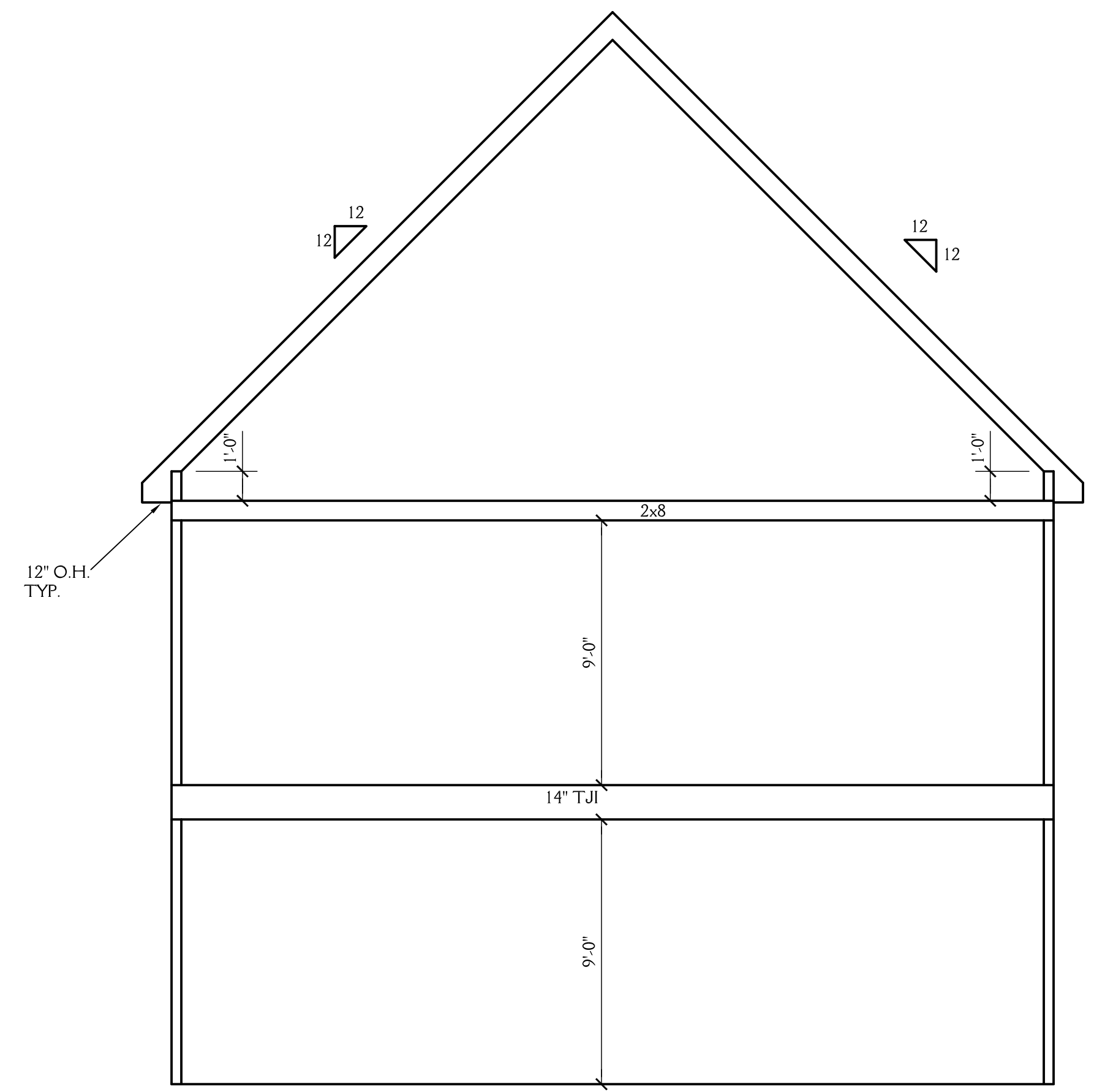
FND VENT CALCS
1671 SQ.FT. /150 = 11.14 SQ.FT. REQ'D
BUILDER TO PROVIDE APPROPRIATE VENTILATION AS REQUIRED BY CODE
SEE SECTION R408 OF THE 2018 NC RESIDENTIAL BLDG. CODE



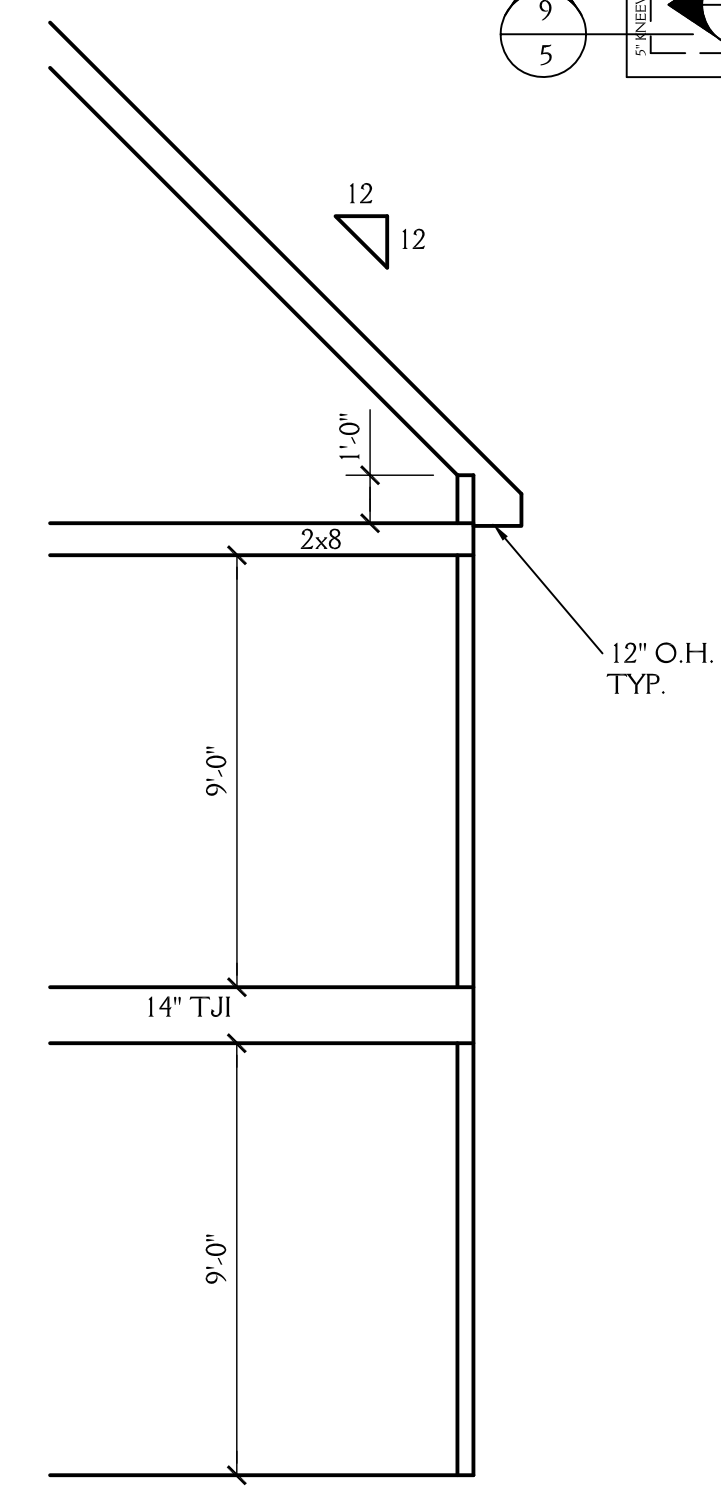
FLOOR FRAMING
NTS



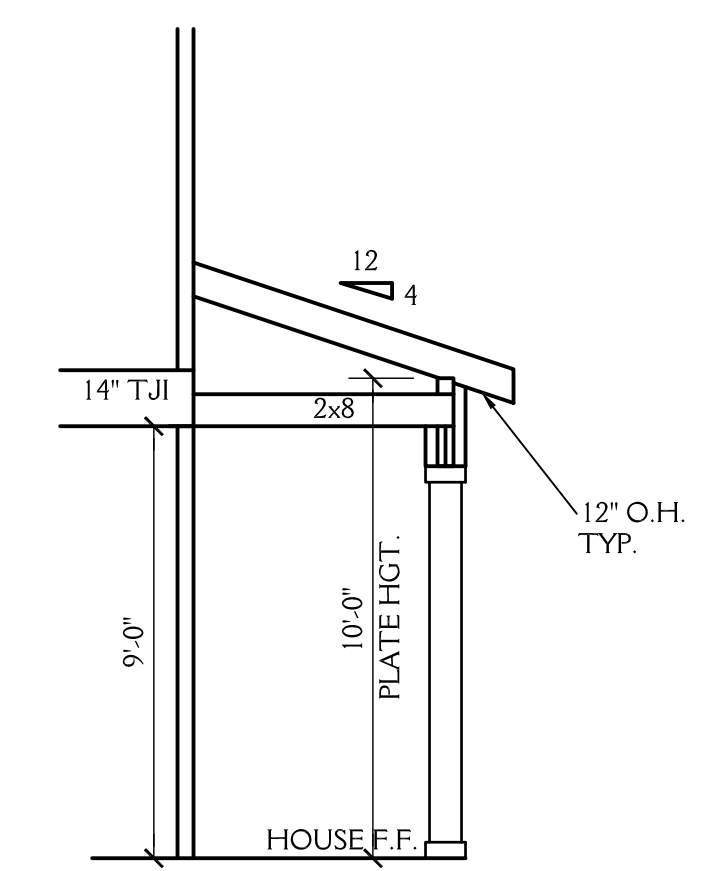
CORNICE DETAIL
3/4"=1'-0"



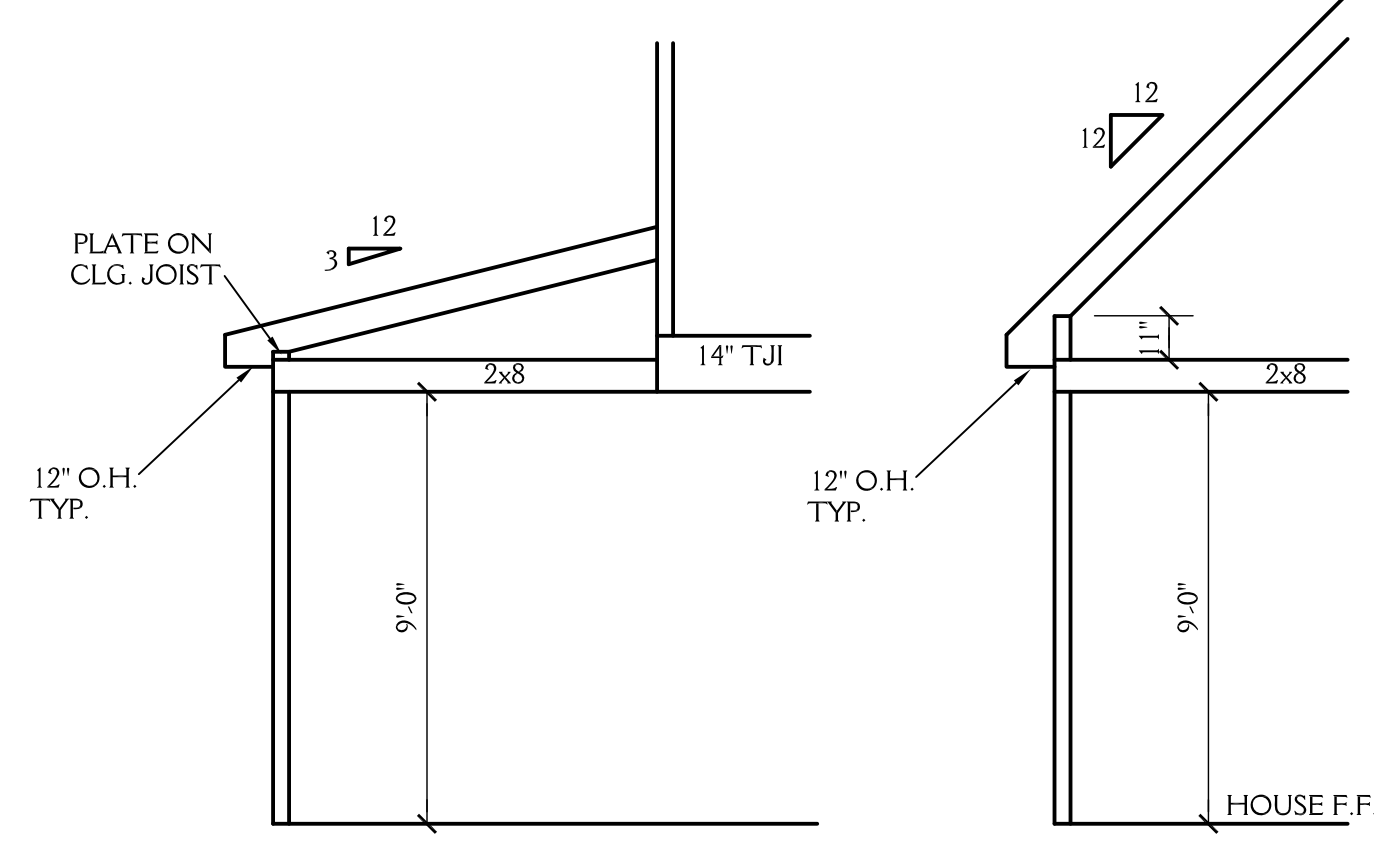
1 SCHEMATIC SECTION
5 SCALE 1/4"=1'-0"



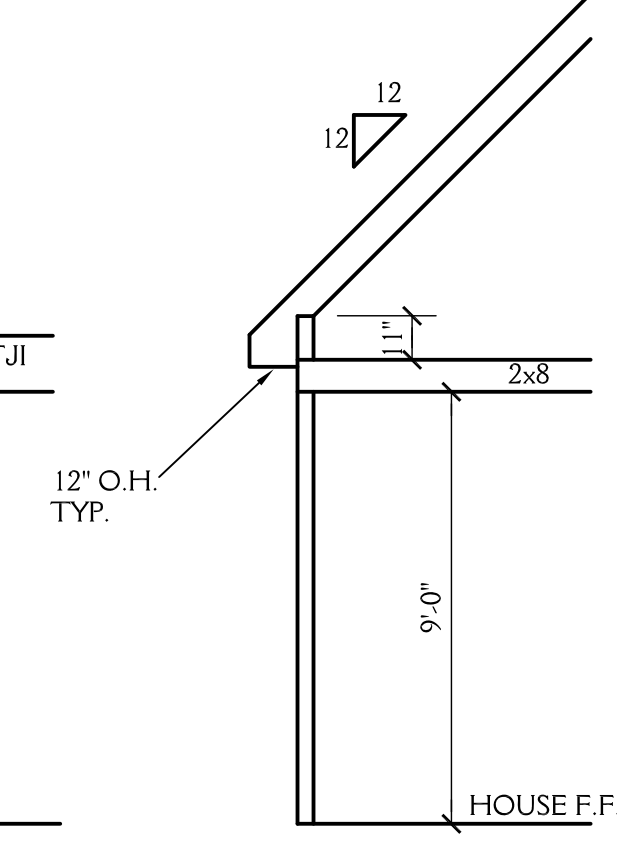
2 SCHEMATIC SECTION
5 SCALE 1/4"=1'-0"



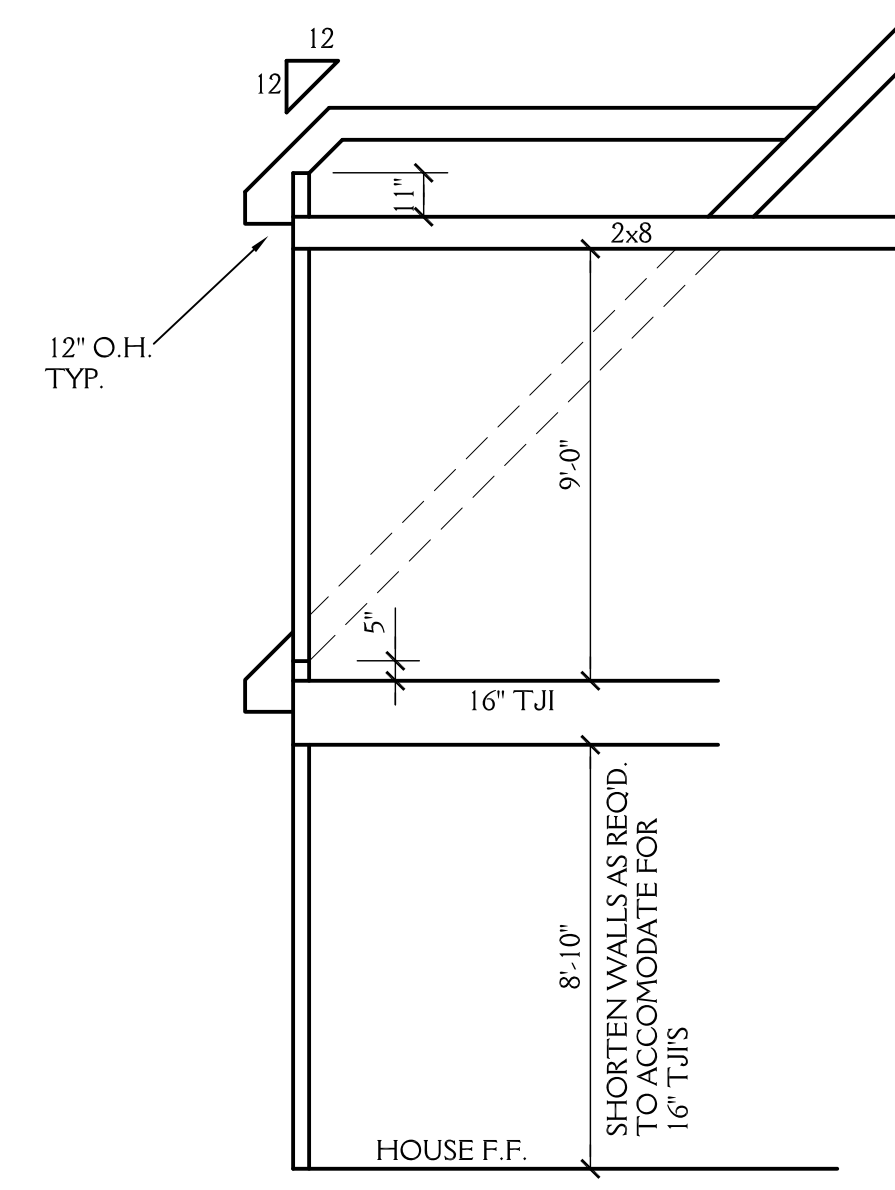
3 SCHEMATIC SECTION
5 SCALE 1/4"=1'-0"



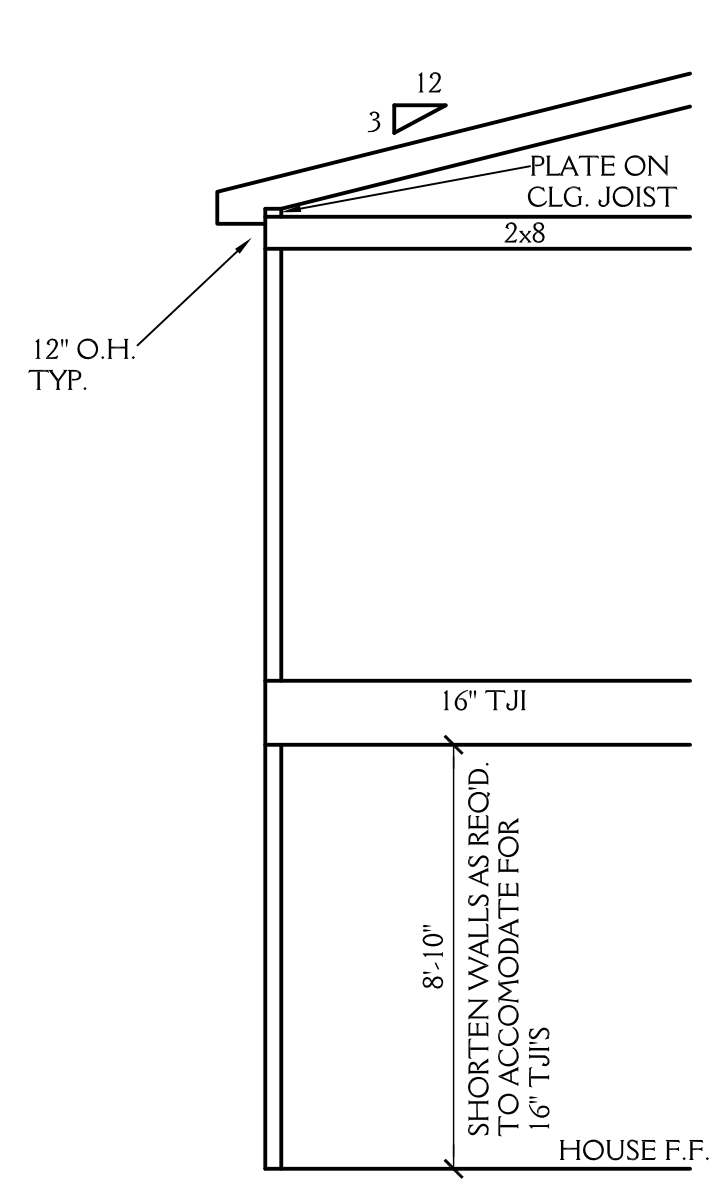
4 SCHEMATIC SECTION
5 SCALE 1/4"=1'-0"



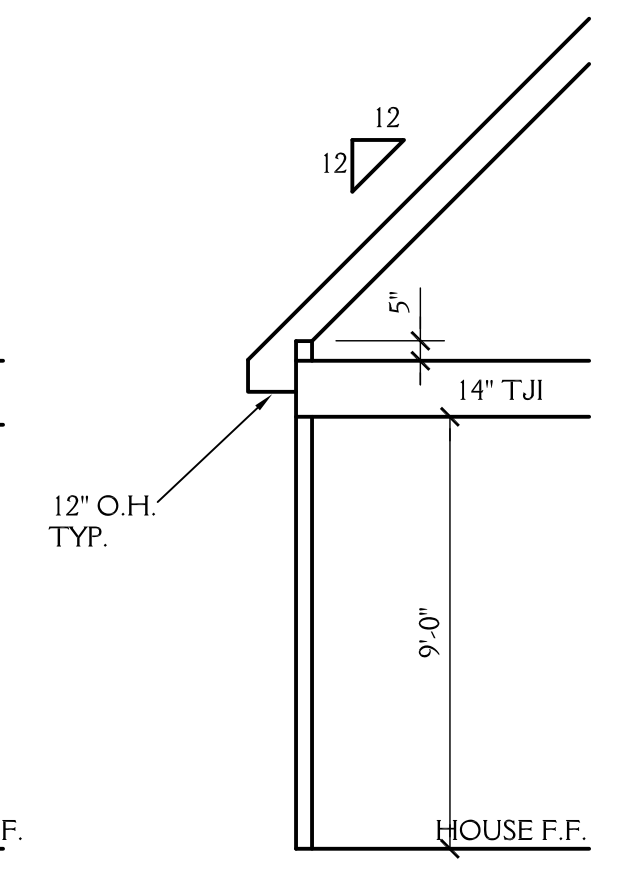
5 SCHEMATIC SECTION
5 SCALE 1/4"=1'-0"



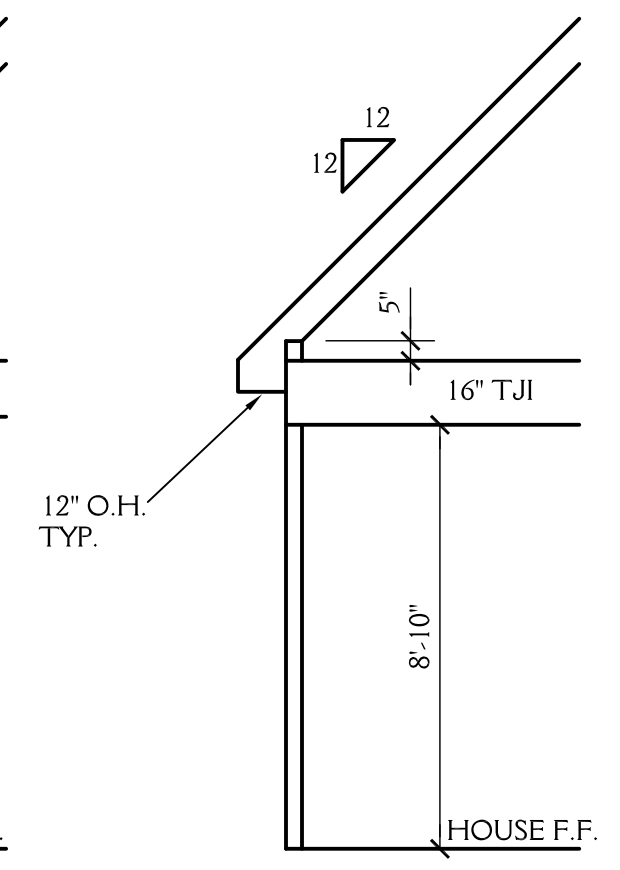
6 SCHEMATIC SECTION
5 SCALE 1/4"=1'-0"



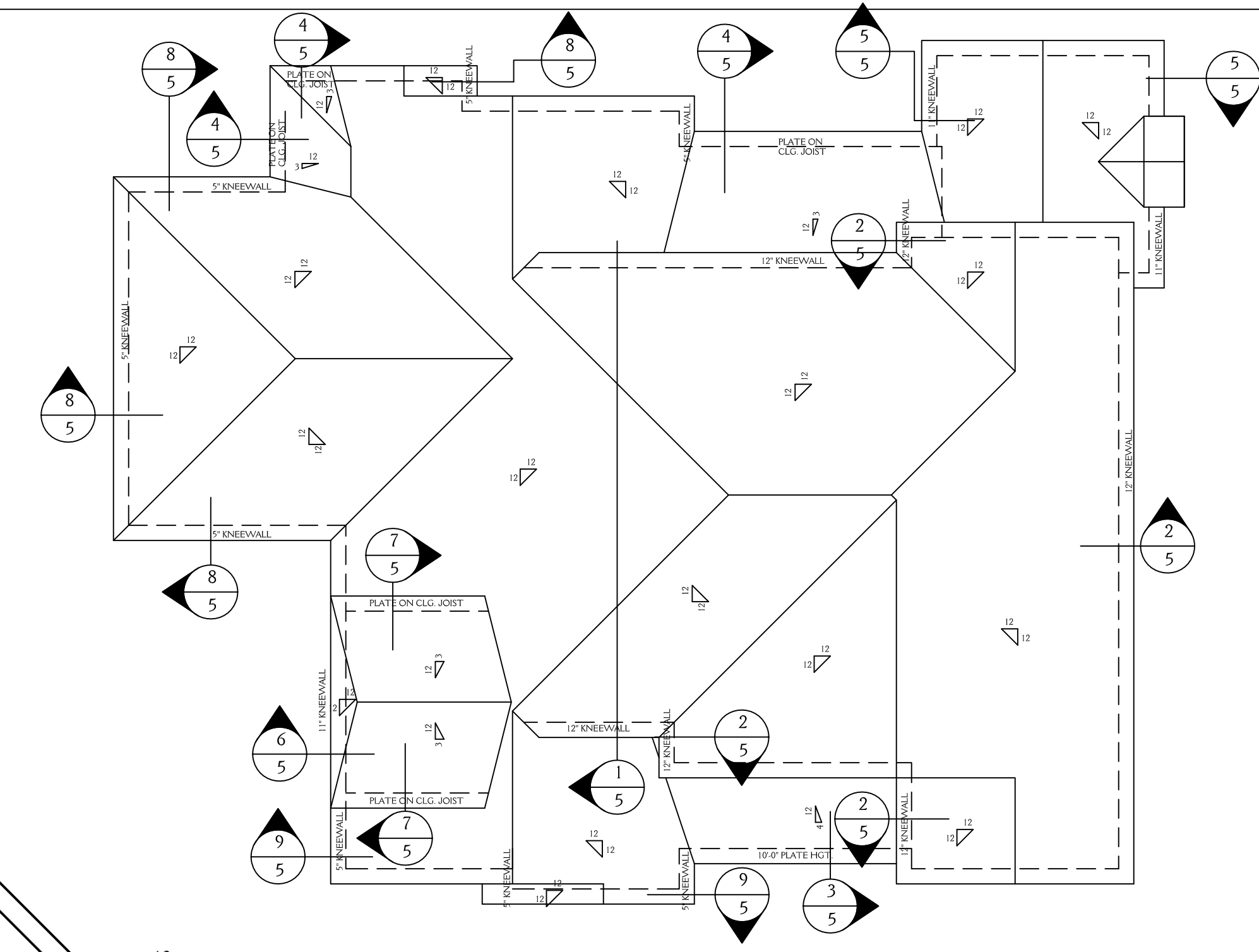
7 SCHEMATIC SECTION
5 SCALE 1/4"=1'-0"



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



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



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

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