

PLANS DESIGNED TO THE 2012 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

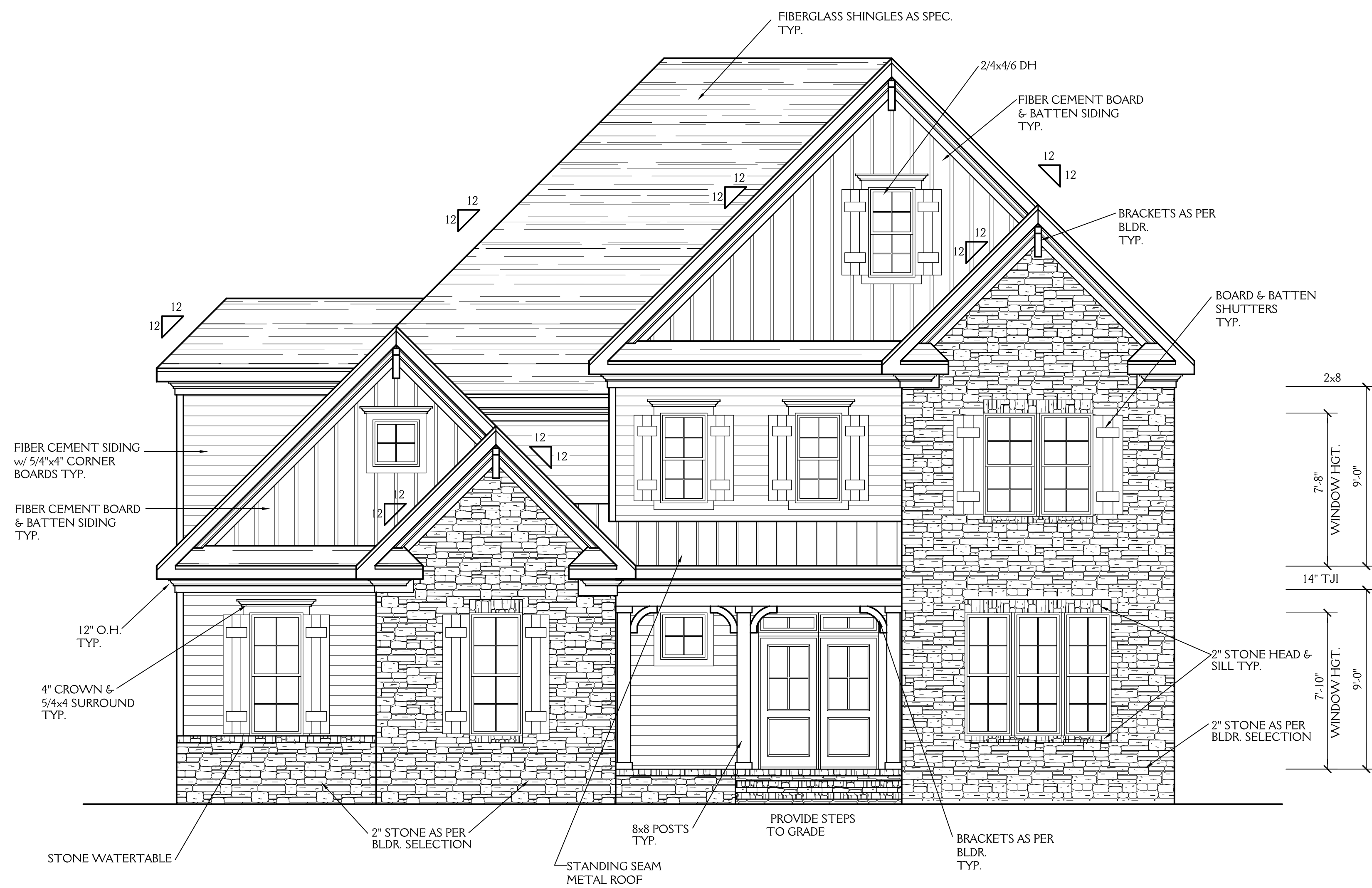
MEAN ROOF HEIGHT = < 30'-0"

COMPONENT & CLADDING DESIGNED FOR THE FOLLOWING LOADS

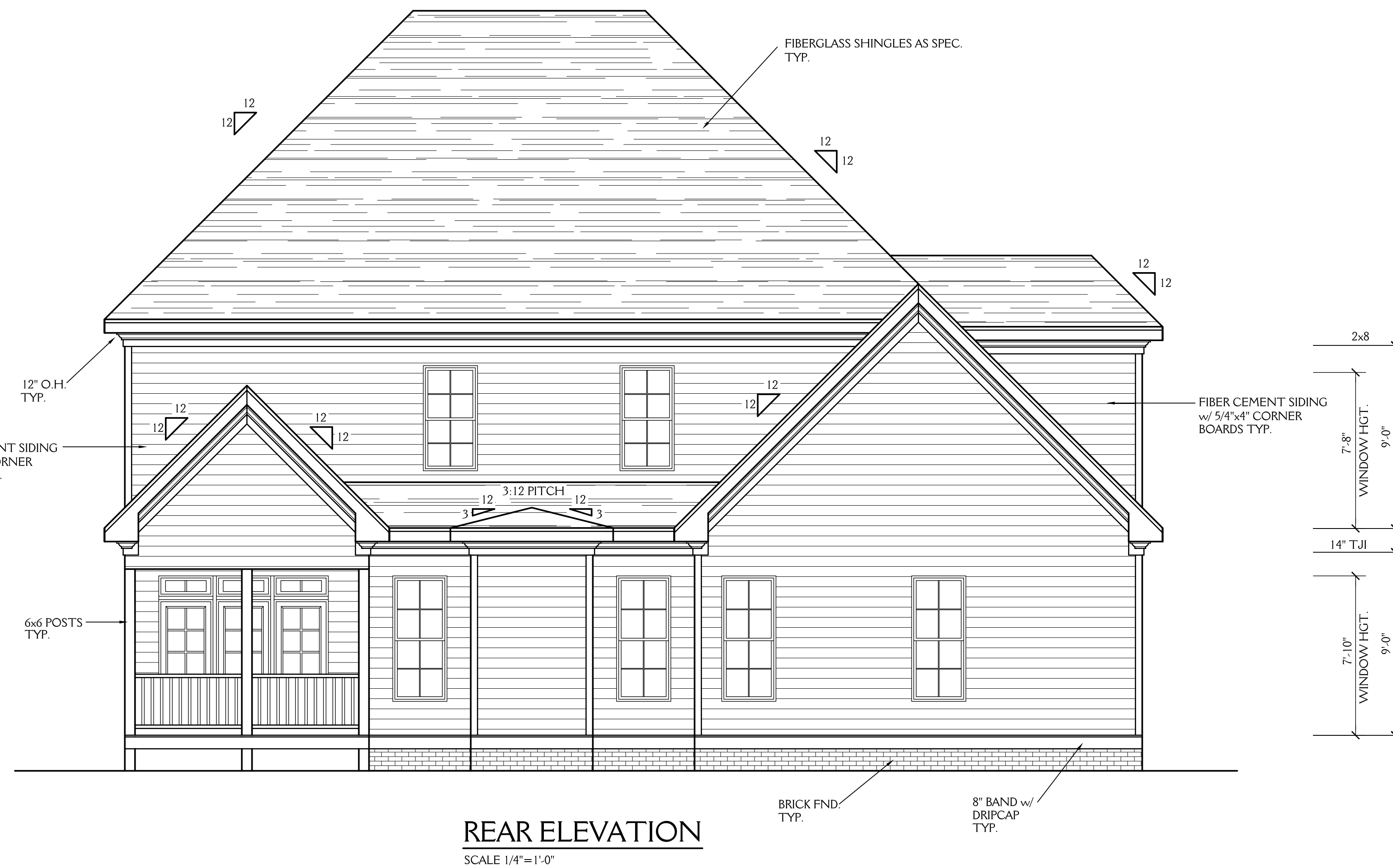
MEAN ROOF HEIGHT	UP TO 30'	30'-1" - 35'	35'-1" - 40'	40'-1" - 45'
ZONE 1	16.5, -18.0	17.3, -18.9	18.0, -19.6	18.5, -20.2
ZONE 2	16.5, -21.0	17.3, -22.1	18.0, -22.9	18.5, -23.5
ZONE 3	16.5, -21.0	17.3, -22.1	18.0, -22.9	18.5, -23.5
ZONE 4	18.0, -19.5	18.9, -20.5	19.6, -21.3	20.2, -21.8
ZONE 5	18.0, -24.1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

MINIMUM VALUES FOR ENERGY COMPLIANCE:
 ZONE 4 MAX GLAZING U-FACTOR = 0.35 CEILING R-38 WALLS R-15 FLOORS R-19

1725 SQ FT HTD (1ST FLOOR)	81 SQ FT (PORCH)
1407 SQ FT HTD (2ND FLOOR)	121 SQ FT (DECK)
3132 SQ FT HTD TOTAL	502 SQ FT (GARAGE)
	704 UNHEATED TOTAL



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



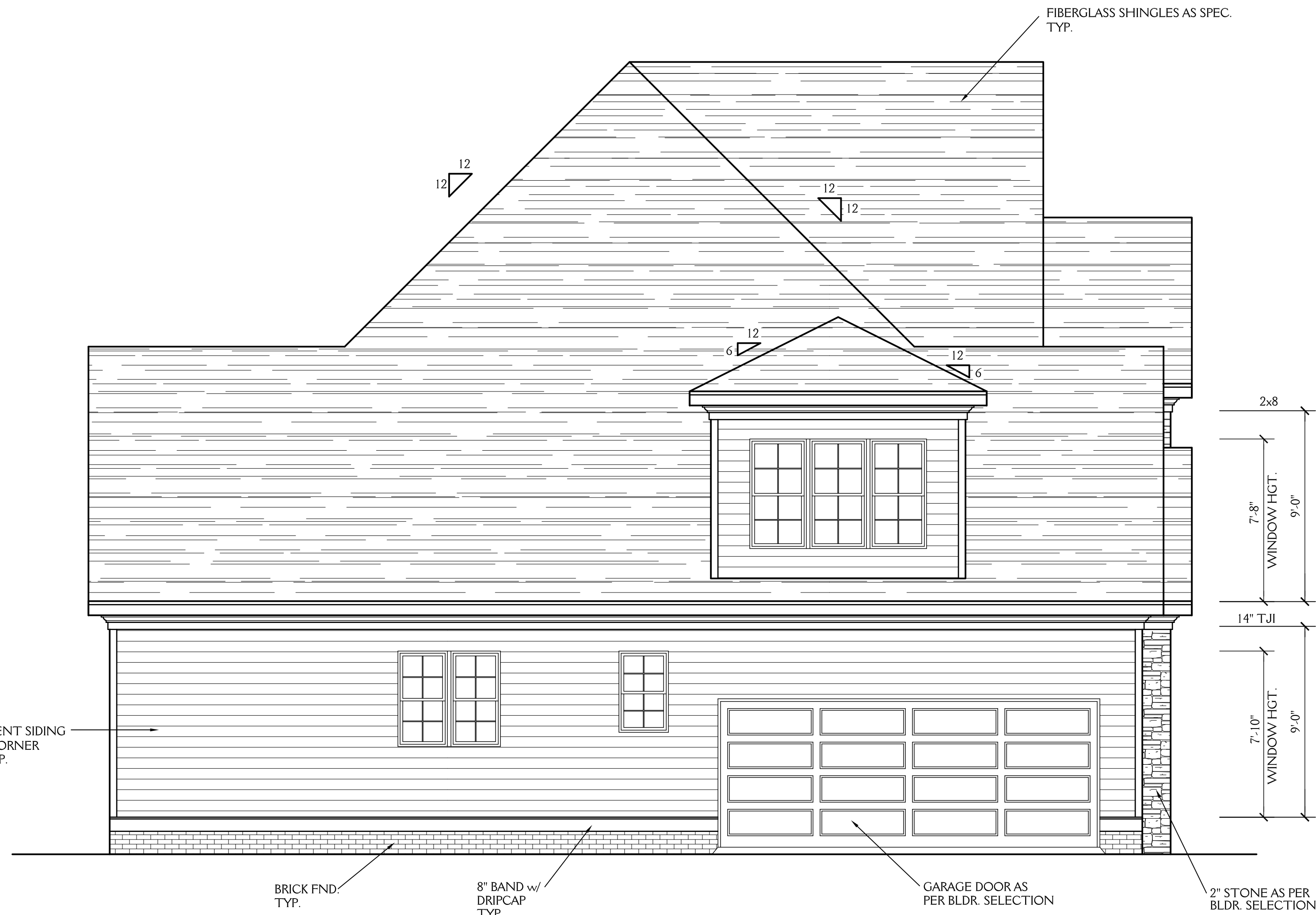
REAR ELEVATION
 SCALE 1/4"=1'-0"

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 2012 NORTH CAROLINA RESIDENTIAL CODE

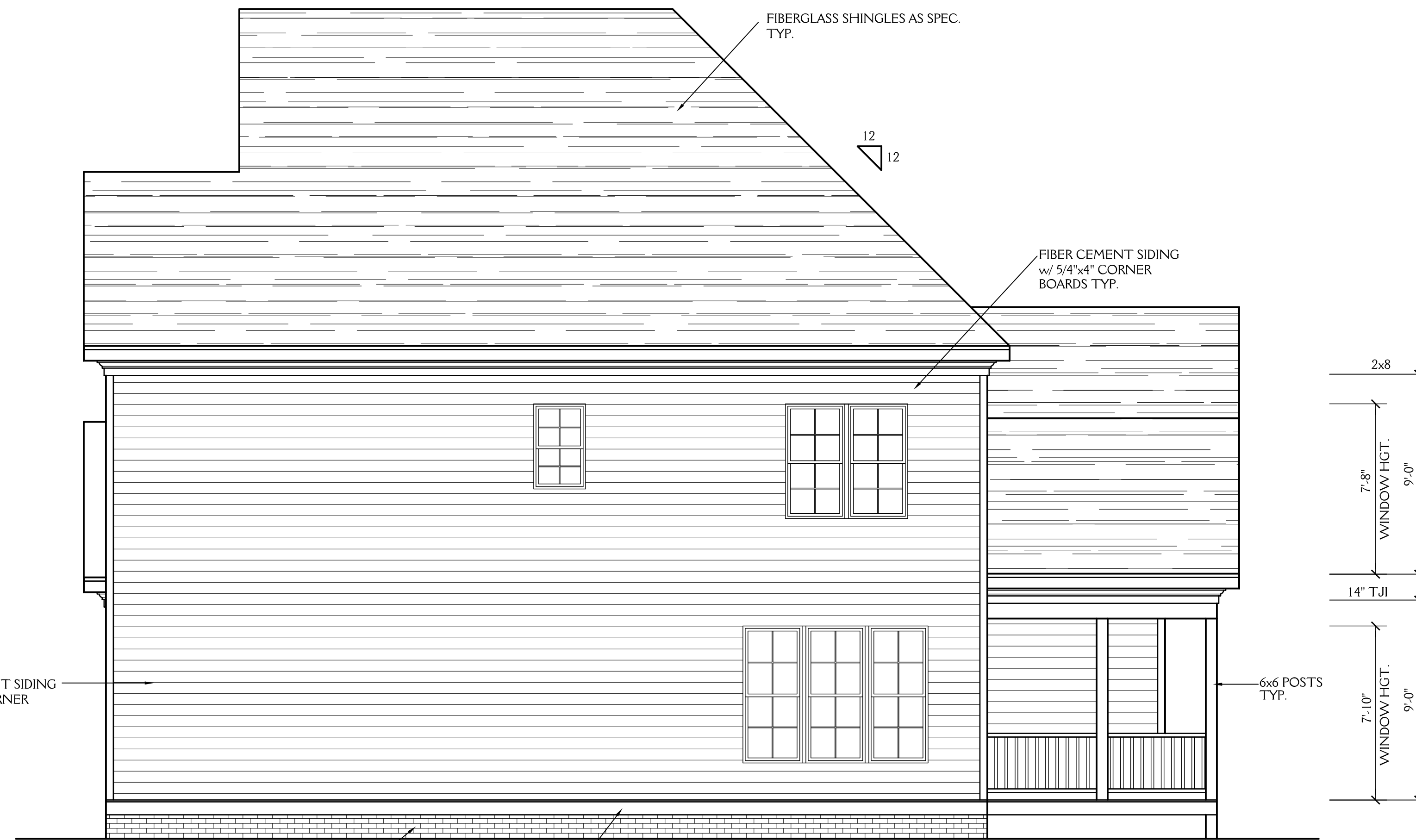
New Light

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

NORTH CAROLINA EXTERIORS LOT 12 JACKSON MANOR		SHEET 1 OF 5
DRAWN BY: JD	DATE: 5-2-18	PROJECT NO. 1824
REVISIONS:		



LEFT ELEVATION
SCALE 1/4"=1'-0"



RIGHT ELEVATION
SCALE 1/4"=1'-0"

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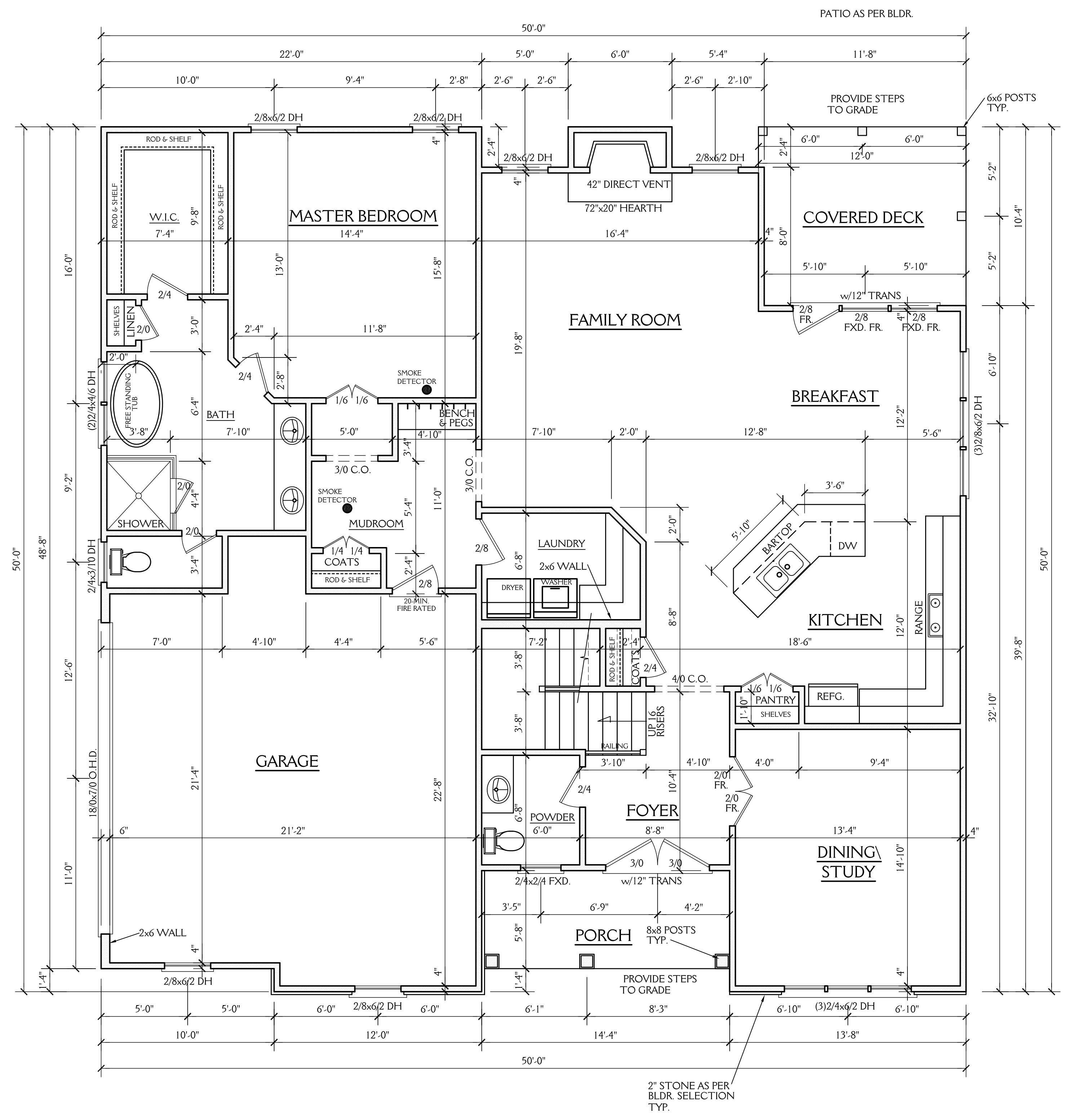
NORTH CAROLINA EXTERIORS LOT 12 JACKSON MANOR		SHEET 2 OF 5
DRAWN BY: JD	DATE: 5-2-18	PROJECT NO. 1824
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NOTES:
CONSTRUCTION TO MEET OR EXCEED ALL REQUIREMENTS OF THE 2012 NC RESIDENTIAL BUILDING CODE

1. SEE SECTION R310 OF THE 2012 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 2012 NC RESIDENTIAL BUILDING CODE.
3. SEE SECTION R308.4 OF THE 2012 NC RESIDENTIAL BLDG. CODE FOR GLAZING REQUIREMENTS IN HAZARDOUS LOCATIONS
4. PROVIDE FALL PROTECTION AT WINDOWS AS REQUIRED BY 2012 NC RESIDENTIAL BUILDING CODE
5. ALL GLASS TO HAVE A U FACTOR OF 0.35 OR LESS AND SHGC OF .30 OR MORE.
6. SEE CHAPTER 11 OF THE 2012 NC RESIDENTIAL BUILDING CODE FOR ALL ENERGY CONSERVATION REQUIREMENTS.
7. SEE SECTION R302.6 OF THE 2012 NC RESIDENTIAL BLDG. CODE FOR DWELLING/GARAGE FIRE SEPARATION REQUIREMENTS
8. SEE APPENDIX M OF THE 2012 NC RESIDENTIAL BUILDING CODE FOR ALL DECK CONSTRUCTION REQUIREMENTS
9. PROVIDE CARBON MONOXIDE DETECTORS AS PER SECTION R315 OF THE 2012 NC RESIDENTIAL BUILDING CODE

ABBREVIATIONS

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

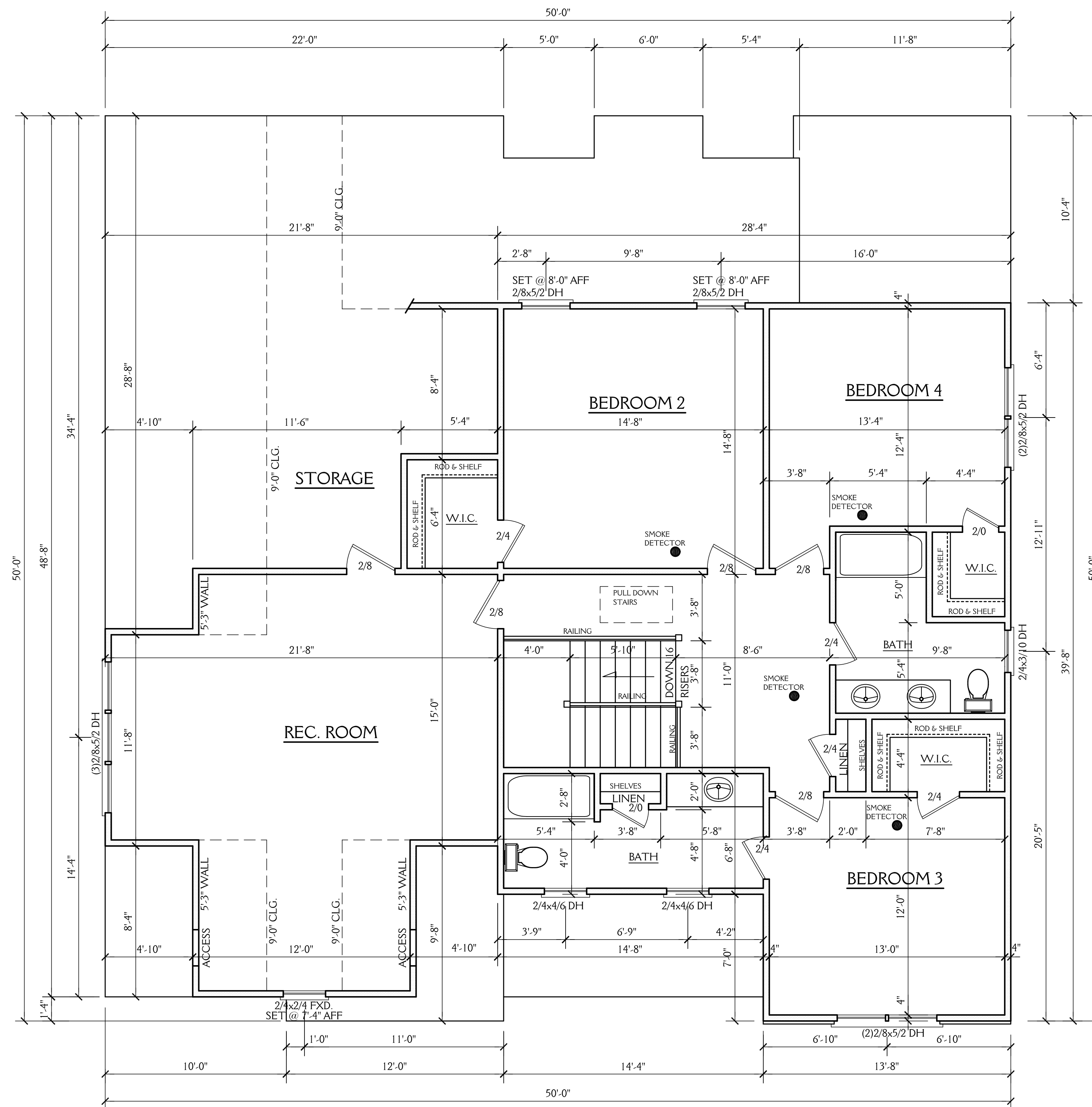


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FIRST FLOOR PLAN
SCALE 1/4" = 1'-0"
9'-0" CLG. HGT.
SET WINDOWS AT 7'-10" AFF

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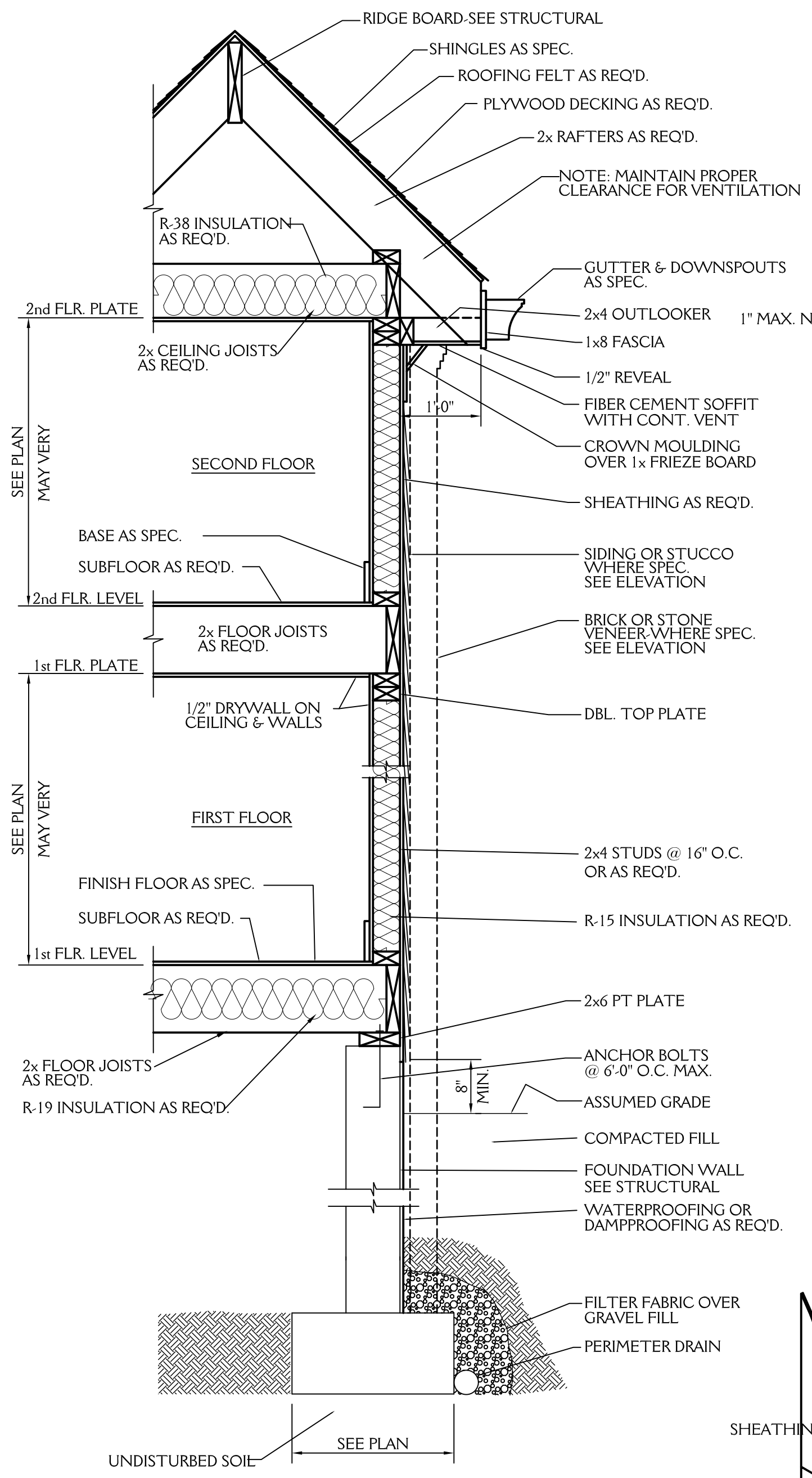
SECOND FLOOR PLAN

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

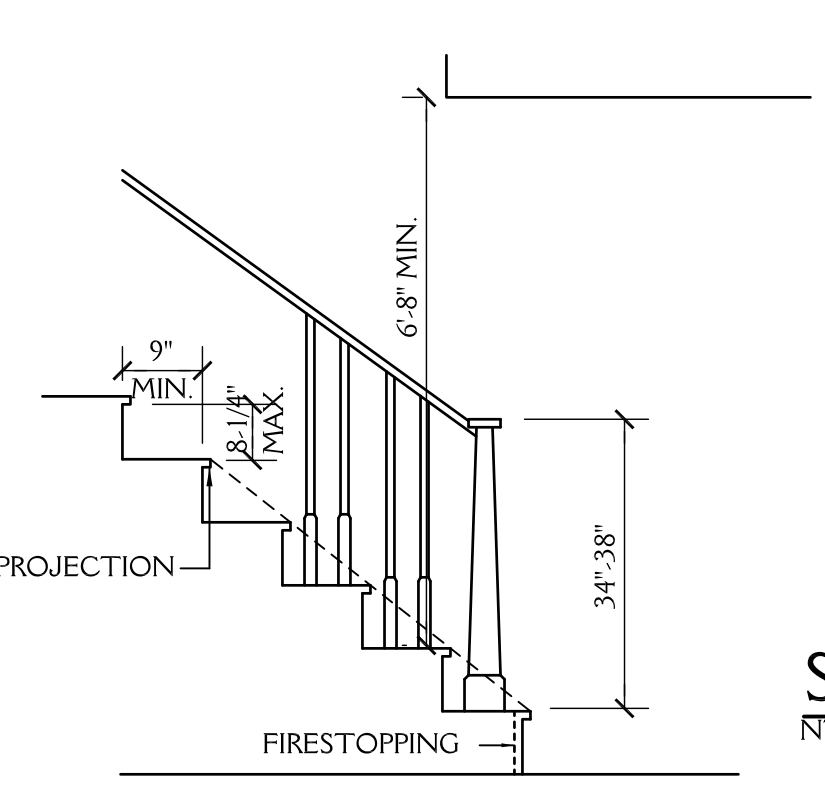


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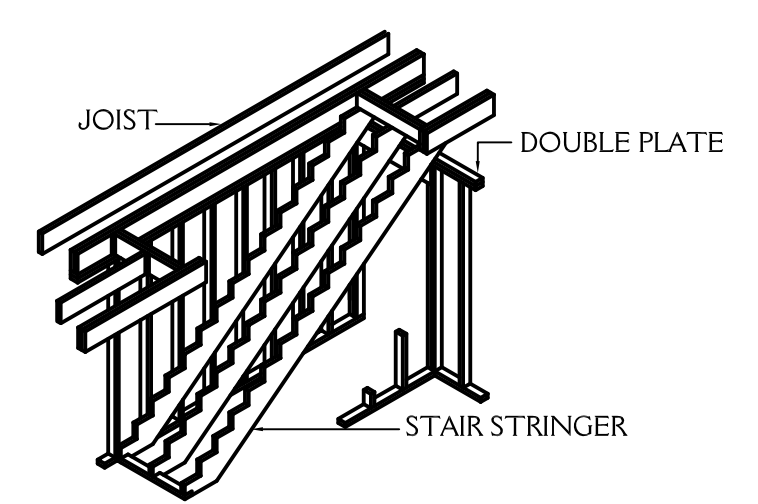
NORTH CAROLINA EXTERIORS LOT 12 JACKSON MANOR		SHEET 4 OF 5
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TYPICAL WALL SECTION
3/4" = 1'-0"



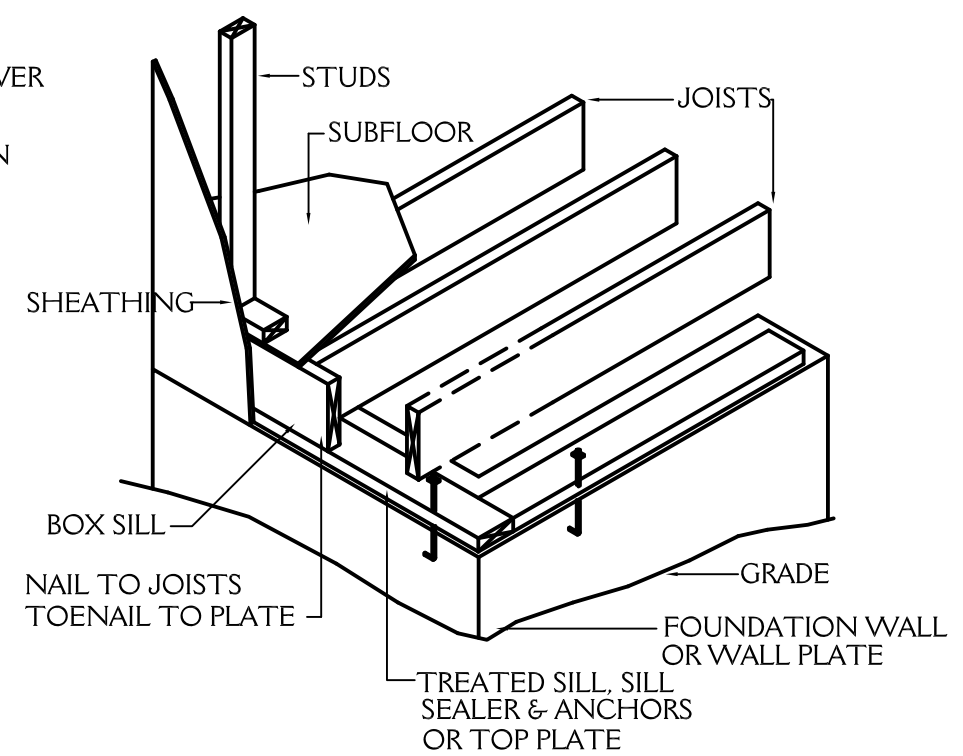
STAIR DETAIL
SCALE: NTS



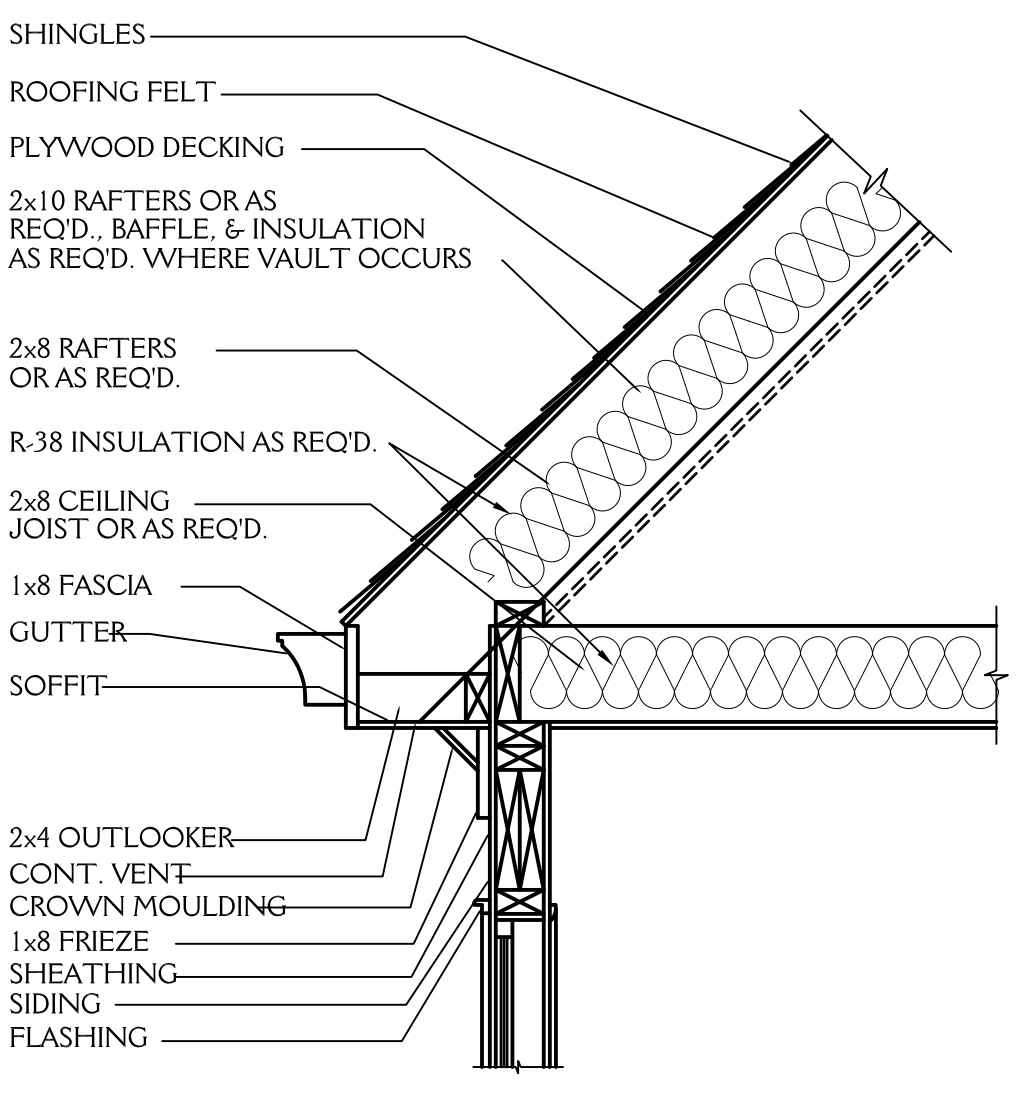
STAIRWAY FRAMING
NTS

ROOF VENT CALCS
2430 SQ.FT. / 150 = 16.2 SQ.FT. REQ'D
BUILDER TO PROVIDE APPROPRIATE VENTILATION AS REQUIRED BY CODE
SEE SECTION R806 OF THE 2012 NC RESIDENTIAL BLDG. CODE

FND VENT CALCS
1600 SQ.FT. / 150 = 10.67 SQ.FT. REQ'D
BUILDER TO PROVIDE APPROPRIATE VENTILATION AS REQUIRED BY CODE
SEE SECTION R408 OF THE 2012 NC RESIDENTIAL BLDG. CODE

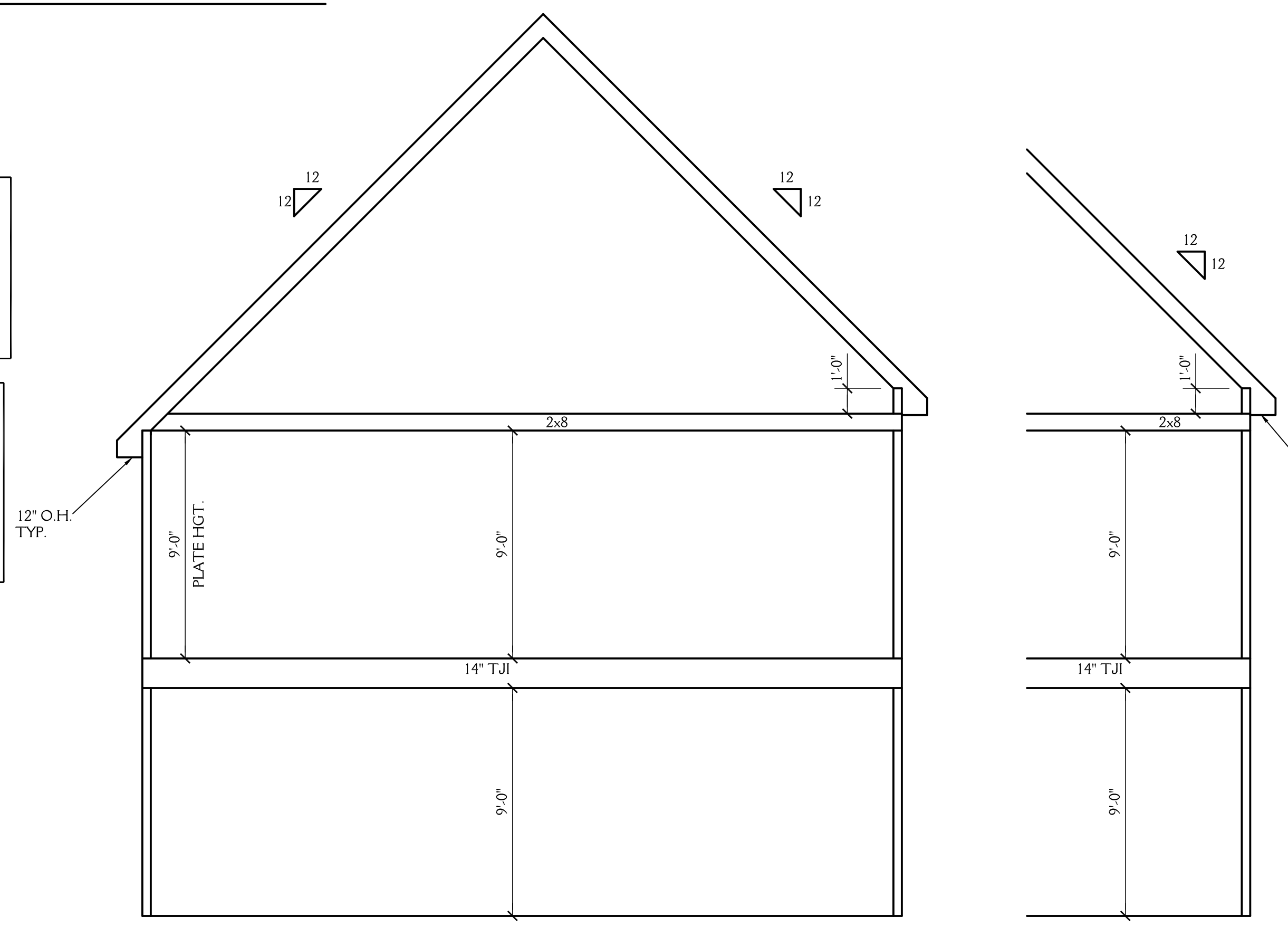


FLOOR FRAMING
NTS

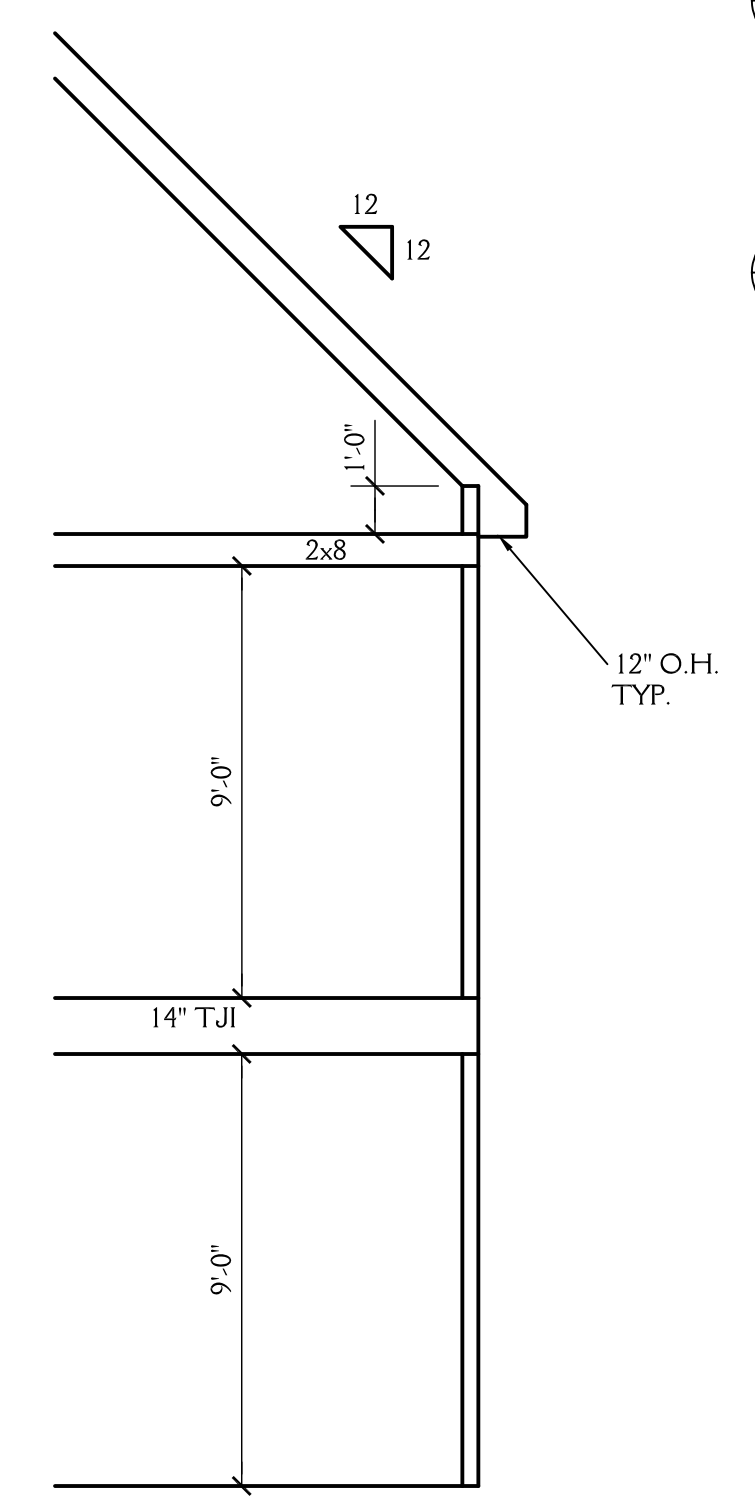


CORNICE DETAIL
3/4" = 1'-0"

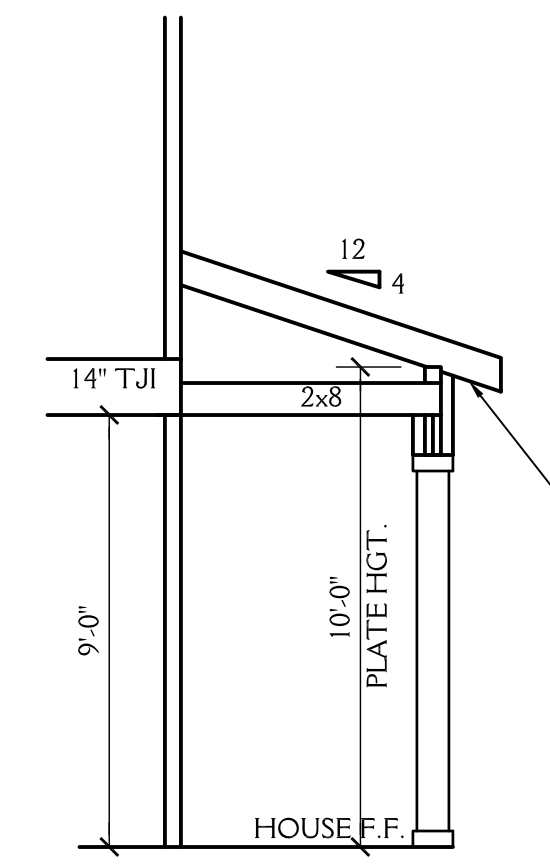
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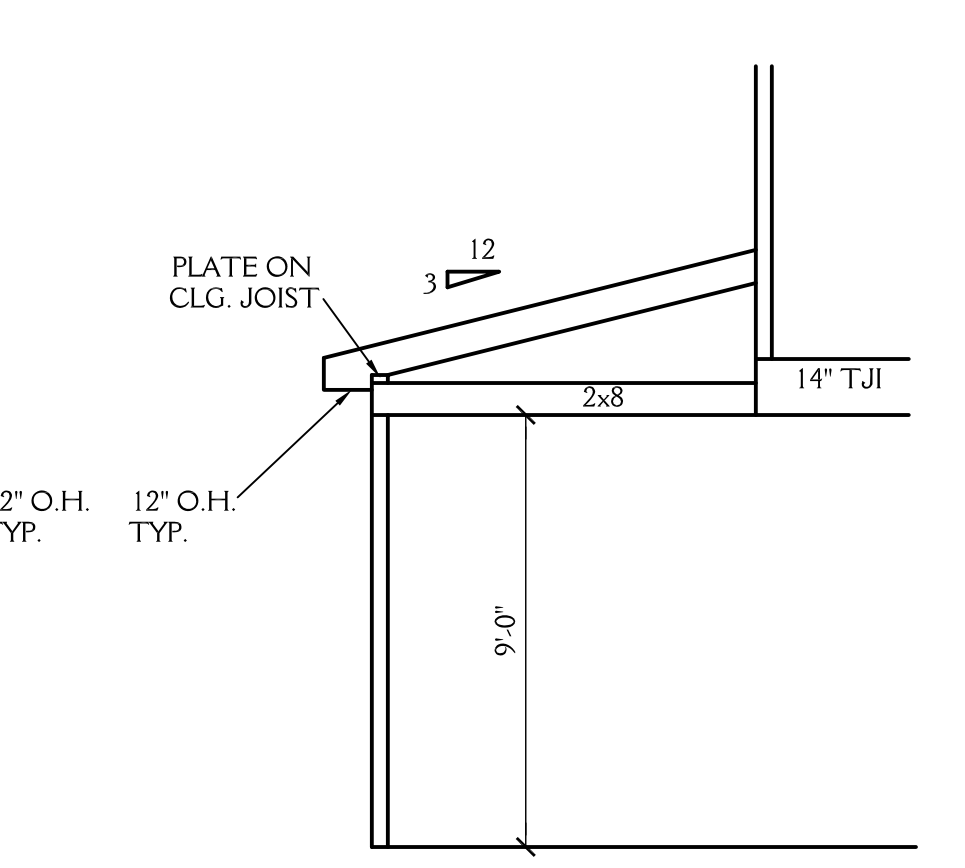
1/5 SCHEMATIC SECTION
SCALE 1/4" = 1'-0"



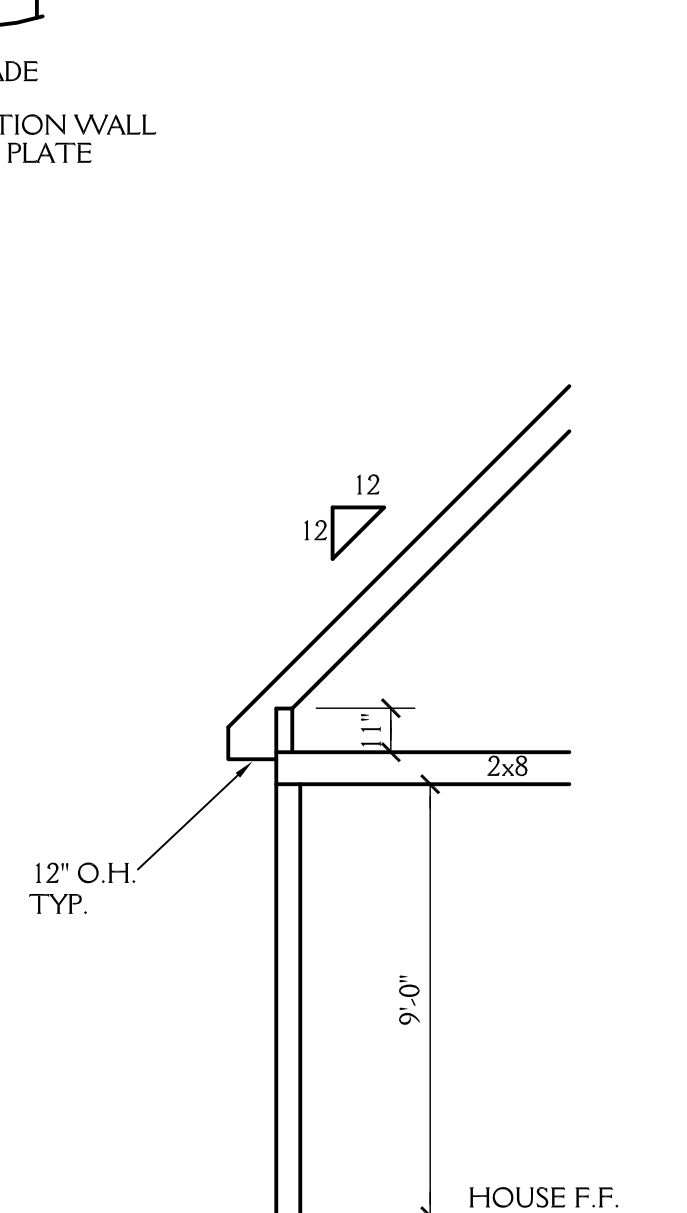
2/5 SCHEMATIC SECTION
SCALE 1/4" = 1'-0"



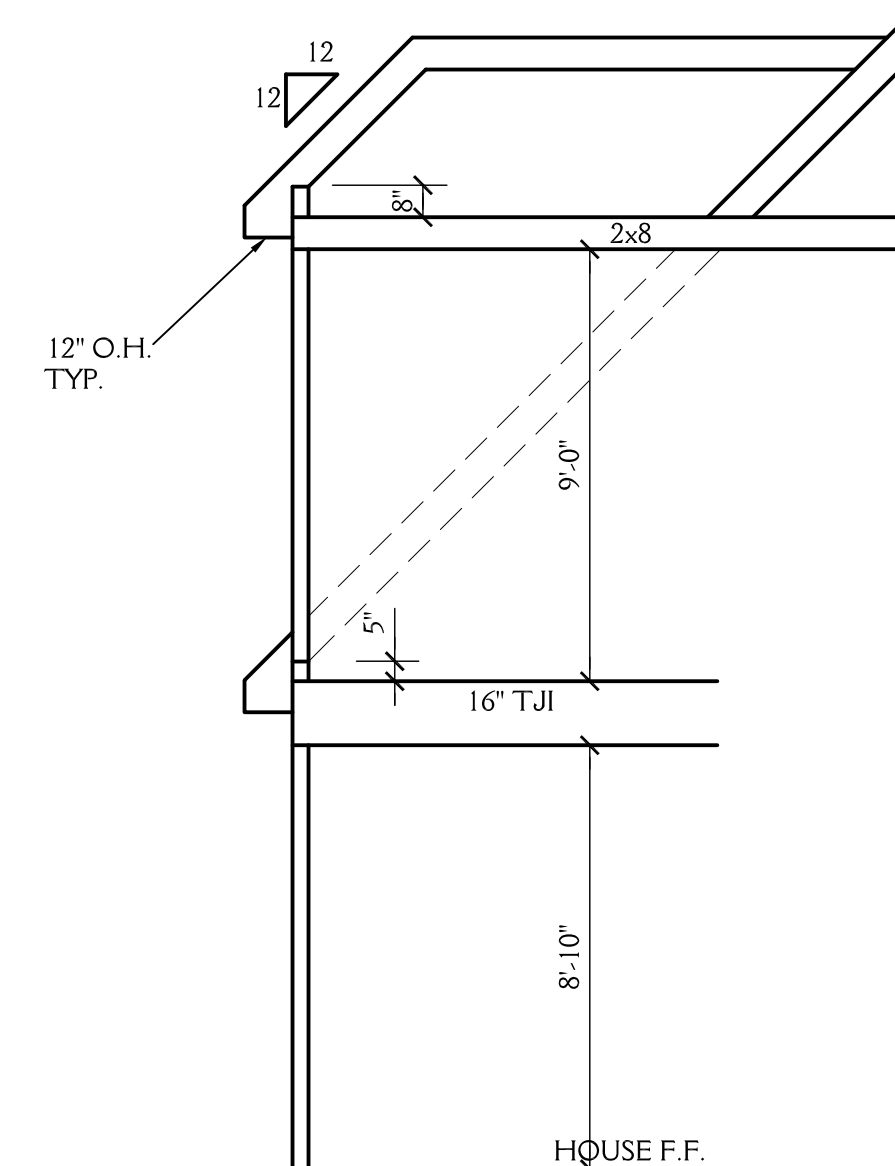
3/5 SCHEMATIC SECTION
SCALE 1/4" = 1'-0"



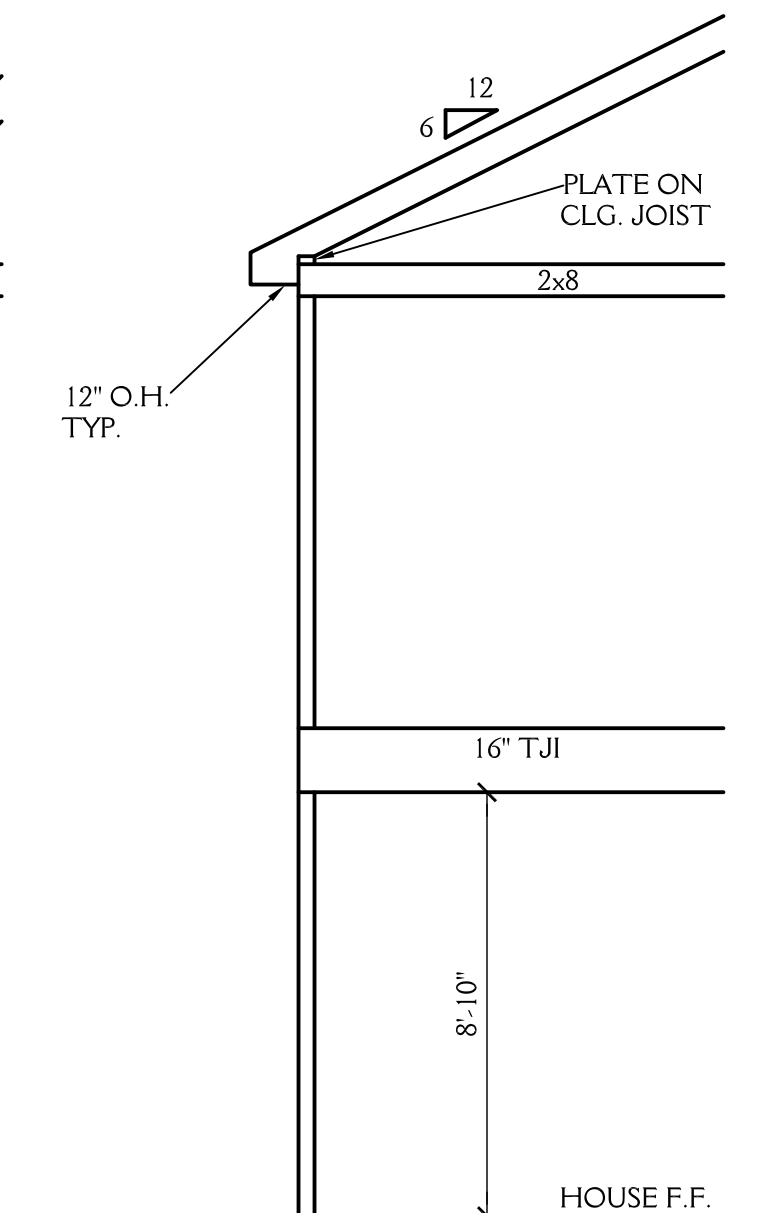
4/5 SCHEMATIC SECTION
SCALE 1/4" = 1'-0"



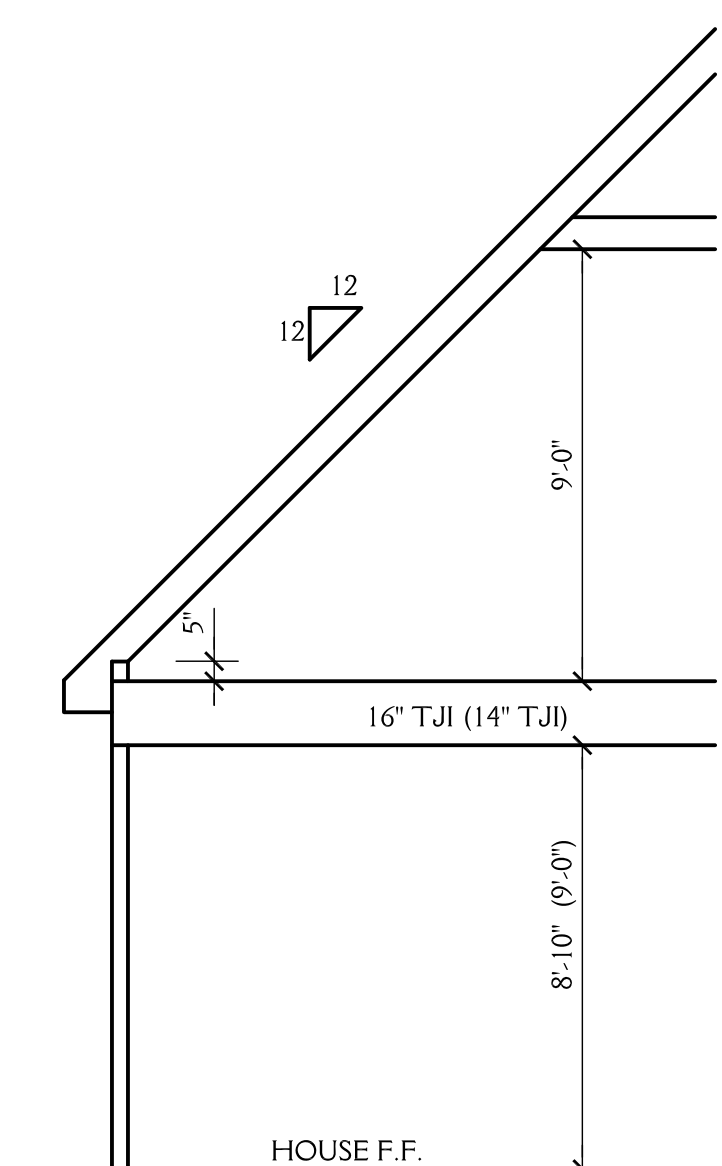
5/5 SCHEMATIC SECTION
SCALE 1/4" = 1'-0"



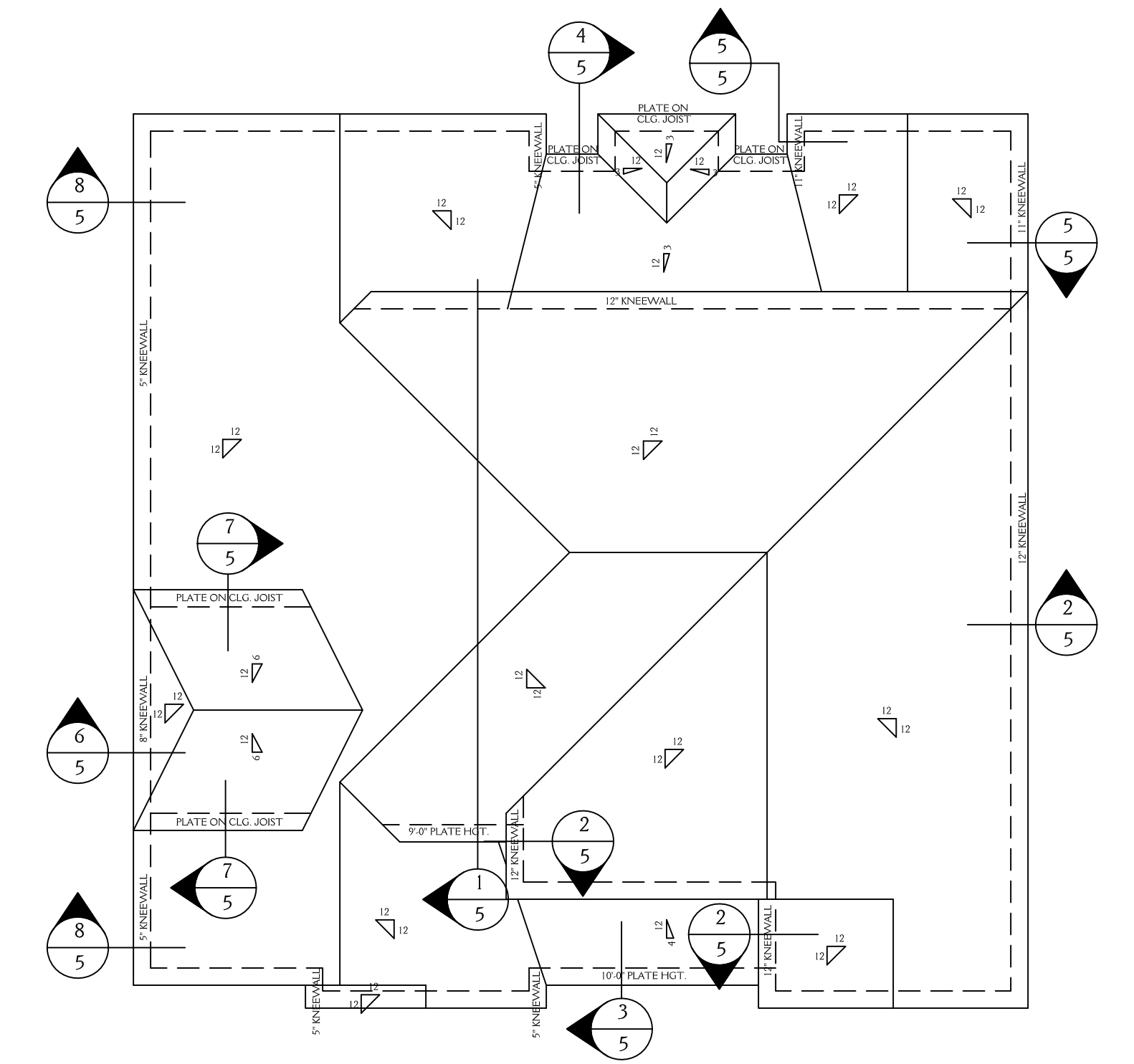
6/5 SCHEMATIC SECTION
SCALE 1/4" = 1'-0"



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



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



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

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