

NOTE:

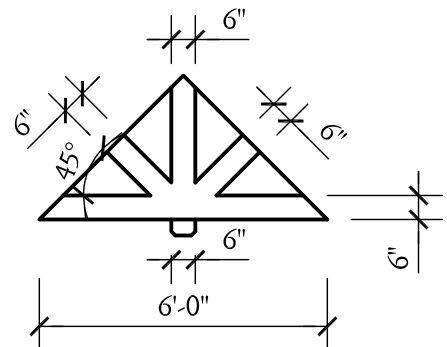
ALL DIMENSIONS ARE TO BE VERIFIED BY OWNER/BUILDER BEFORE CONSTRUCTION BEGINS. ONCE CONSTRUCTION HAS BEGUN, DESIGNER IS RELEASED FROM ANY AND ALL LIABILITY ASSOCIATED WITH THE CONSTRUCTION OF THIS CUSTOM RESIDENCE. THIS PLAN IS DESIGNED UNDER THE 2012 NORTH CAROLINA RESIDENTIAL CODE

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	

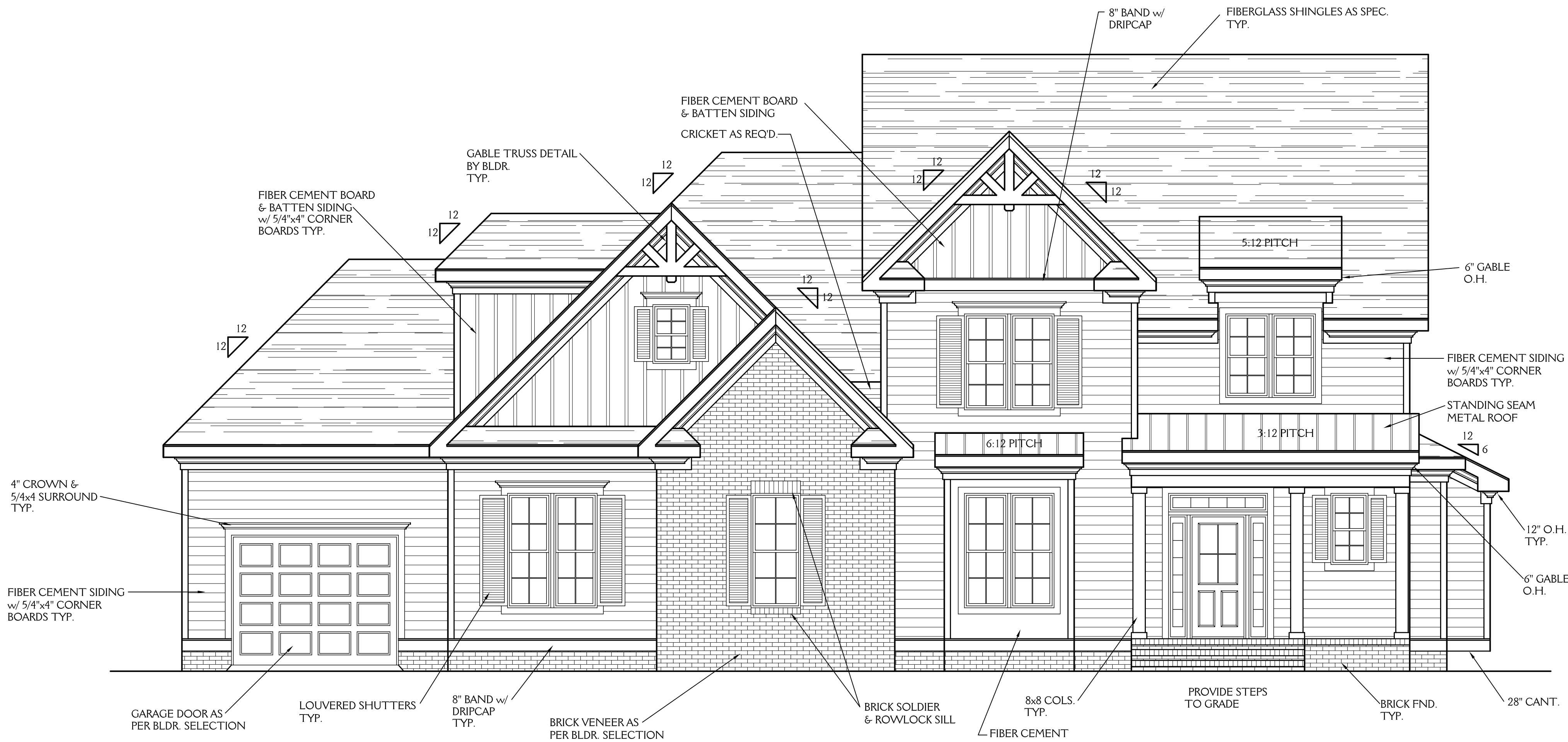
MINIMUM VALUES FOR ENERGY COMPLIANCE:
ZONE 4 MAX GLAZING U-FACTOR = 0.35 CEILING R-38 WALLS R-15 FLOORS R-19

1851 SQ FT HTD (1ST FLOOR)	103 SQ FT (PORCH)
1350 SQ FT HTD (2ND FLOOR)	201 SQ FT (SCR. PORCH)
3201 SQ FT HTD TOTAL	955 SQ FT (GARAGE)
	1259 UNHEATED TOTAL



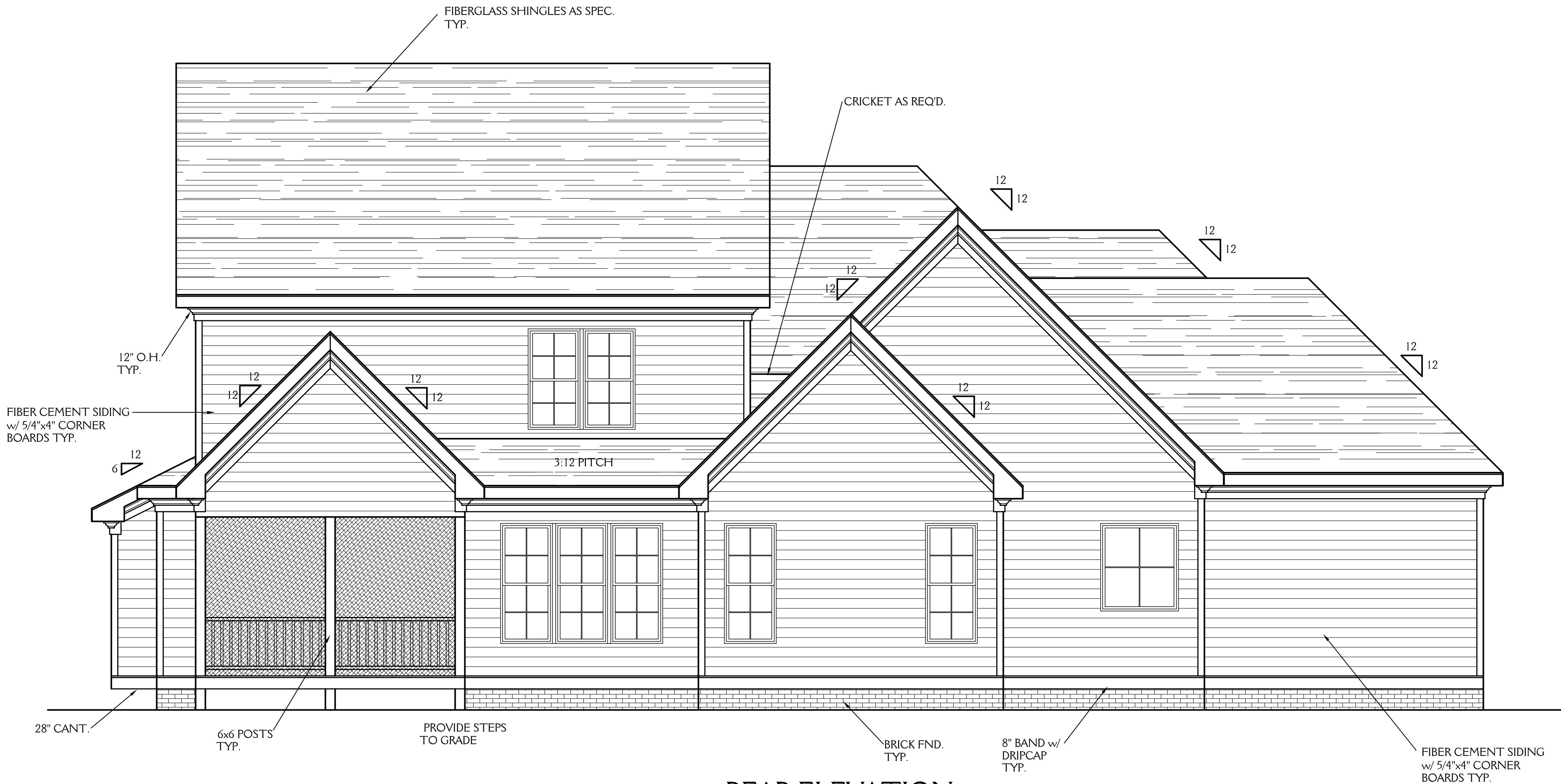
GABLE BRACKET

SCALE 1/4"=1'-0"



FRONT ELEVATION

SCALE 1/4"=1'-0"



REAR ELEVATION

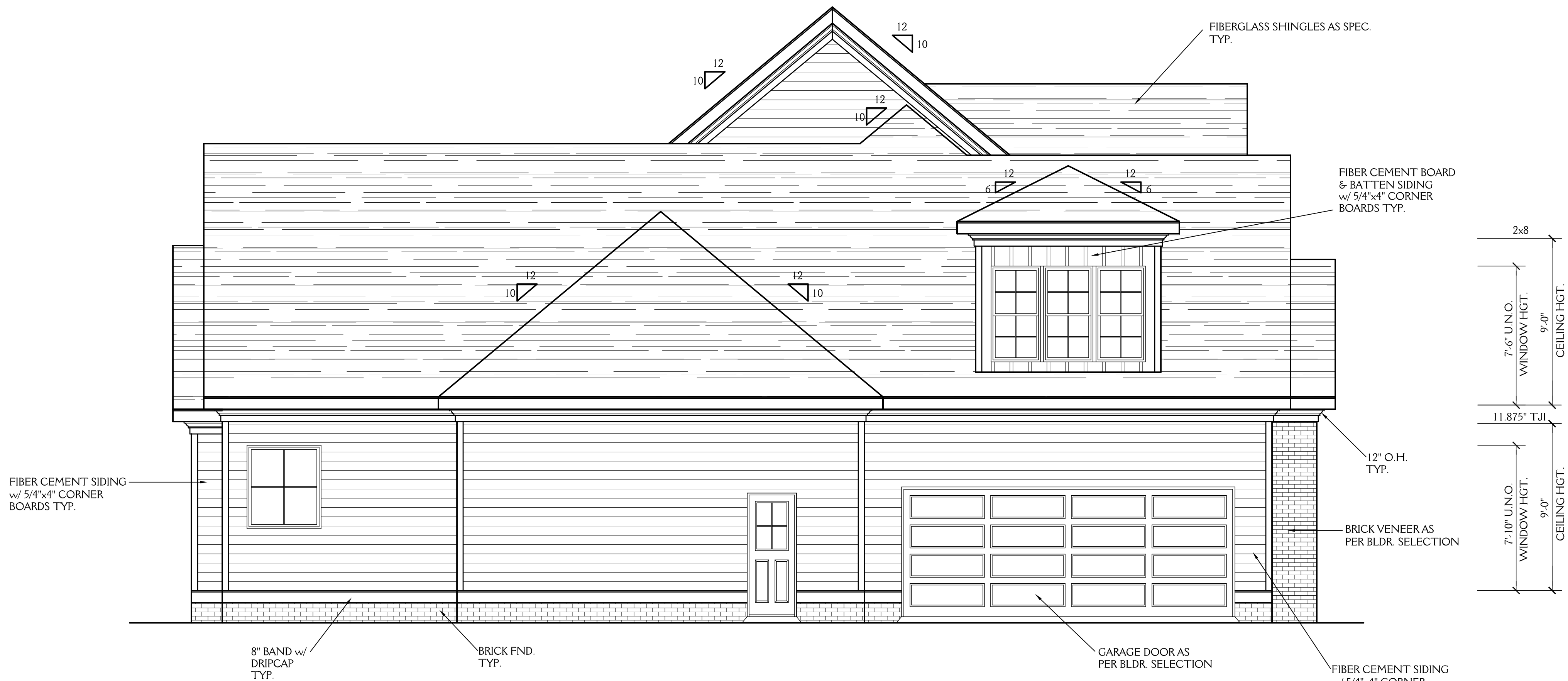
SCALE 1/4"=1'-0"

New Light

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

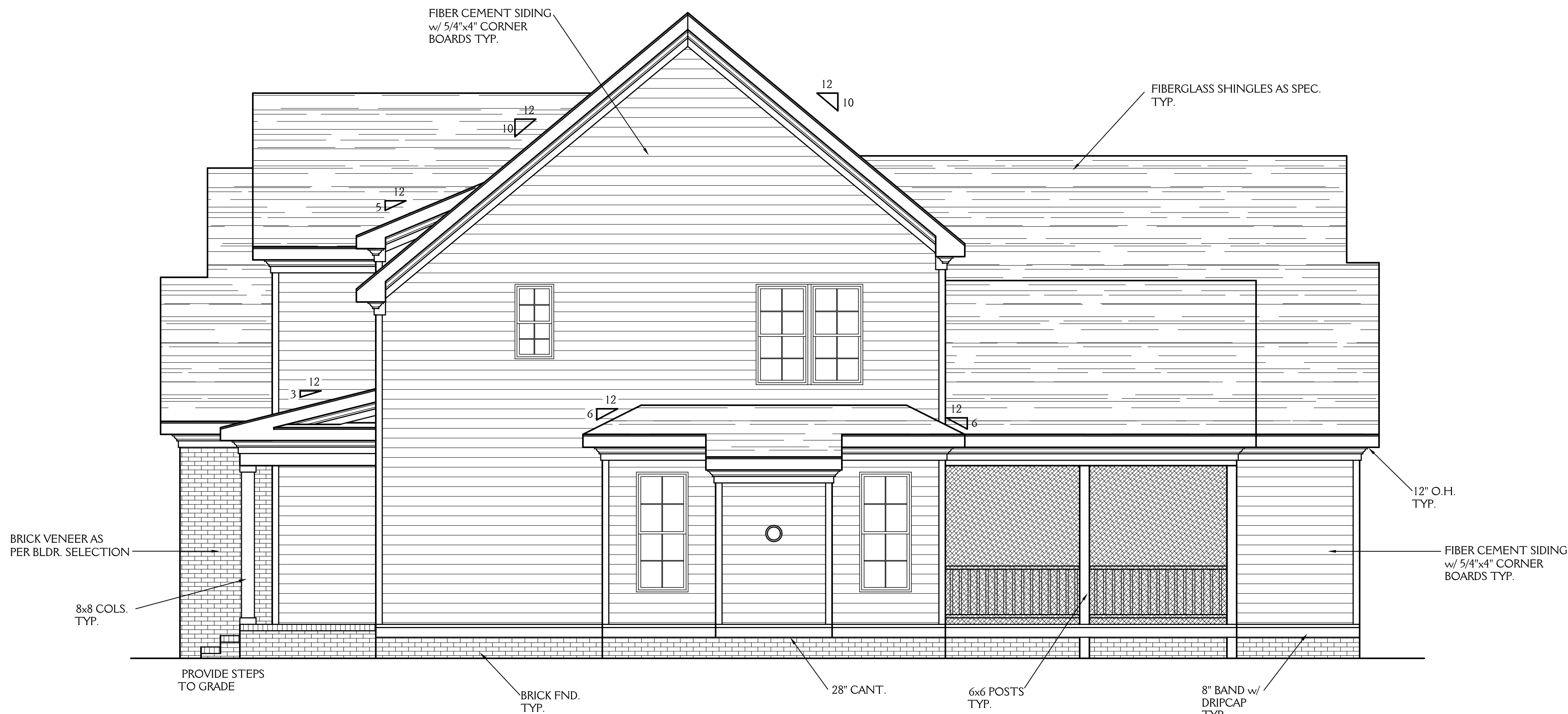
NORTH CAROLINA EXTERIORS LOT 25 WESLEY MANOR		SHEET 1 OF 5
DRAWN BY: JD	DATE: 8-25-18	
REVISIONS:		PROJECT NO. 1844

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



LEFT ELEVATION

SCALE 1/4"=1'-0"



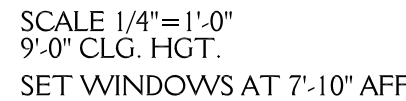
RIGHT ELEVATION

SCALE 1/4"=1'-0"

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

NORTH CAROLINA EXTERIORS LOT 25 WESLEY MANOR		SHEET 2 OF 5
DRAWN BY: JD	DATE: 8-25-18	
REVISIONS:		PROJECT NO. 1844

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RESIDENTIAL CODE



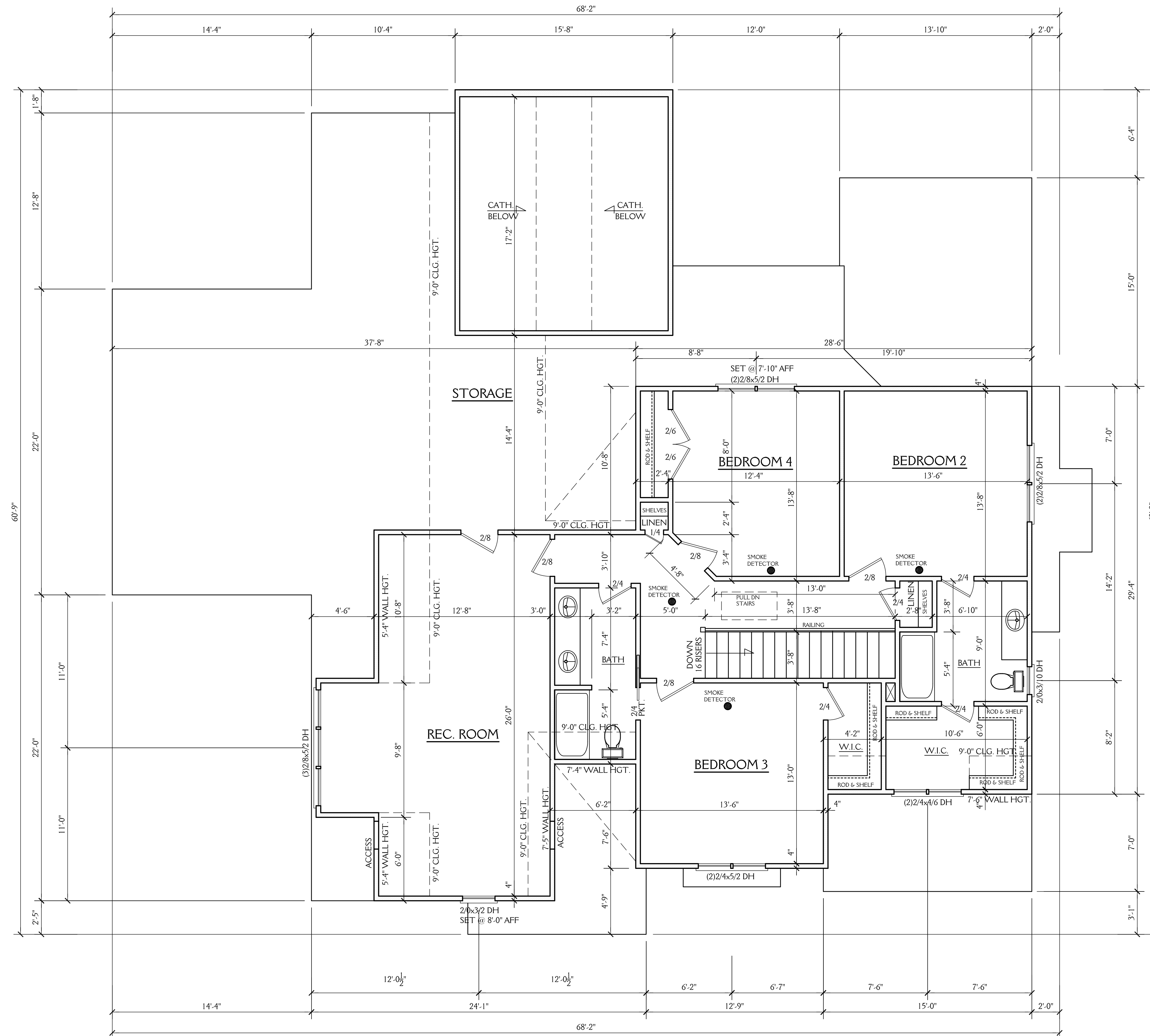
CONSTRUCTION TO MEET OR EXCEED ALL REQUIREMENTS
OF THE 2012 NC RESIDENTIAL BUILDING CODE

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 ALL 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

C.O. : CASER 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

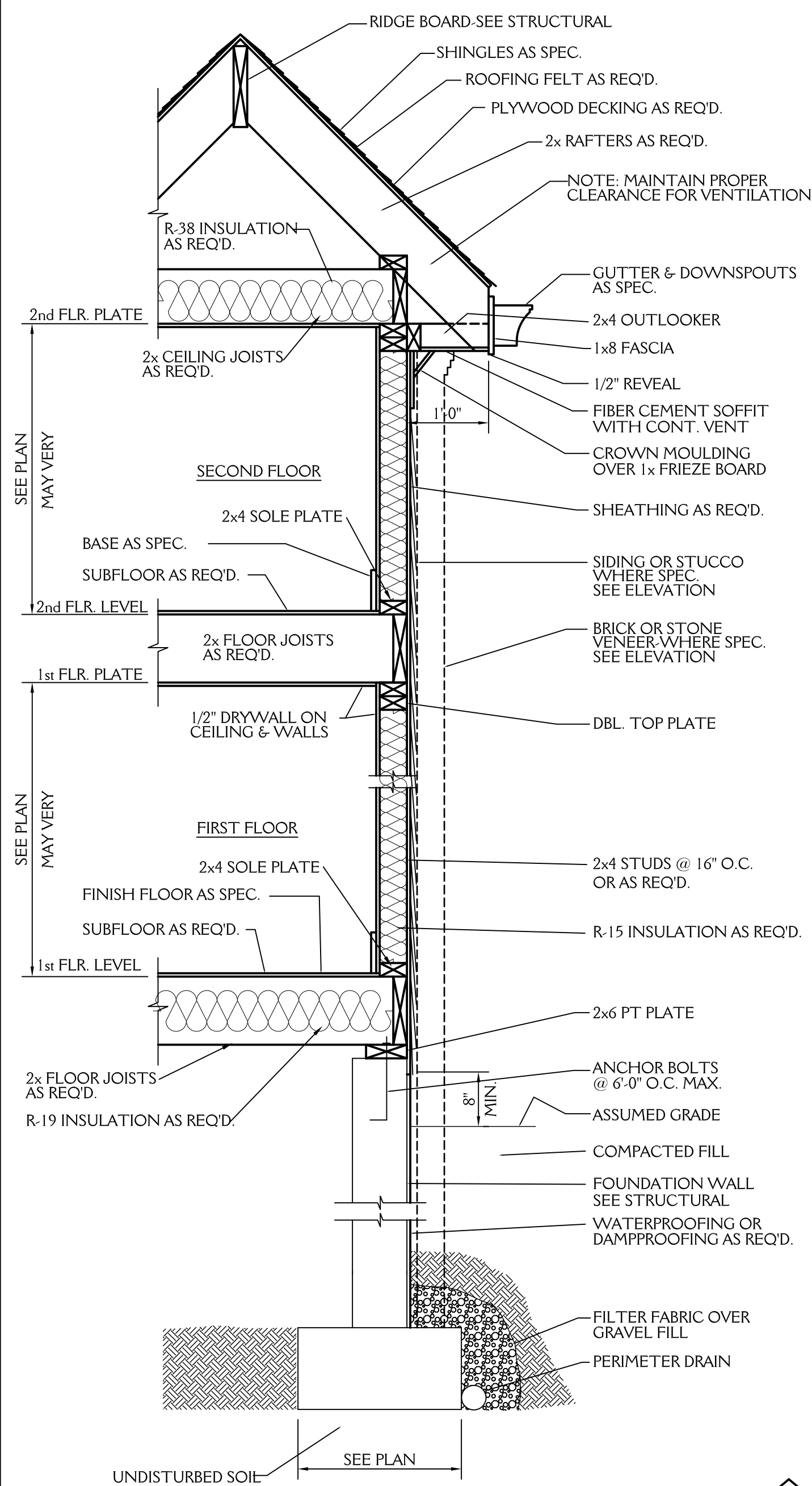
PROJECT NO
1844

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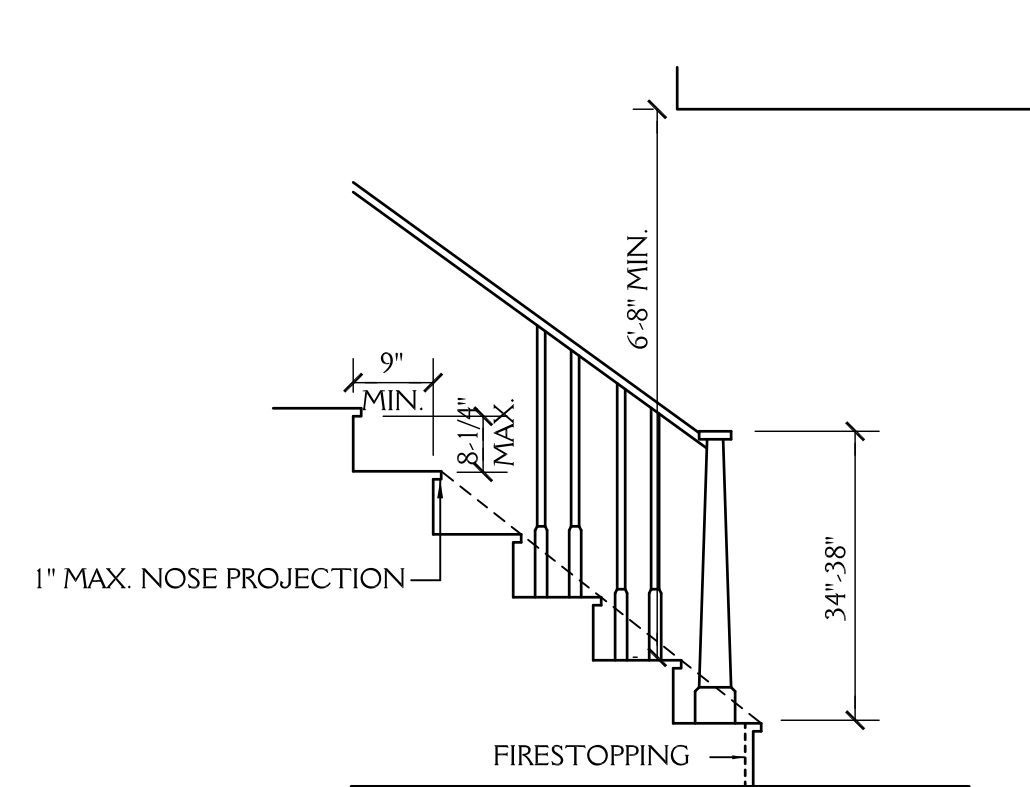


SCALE 1/4"=1'-0"
9'-0" CLG. HGT.
SET WINDOWS AT 7'-6" AFF U.N.O.

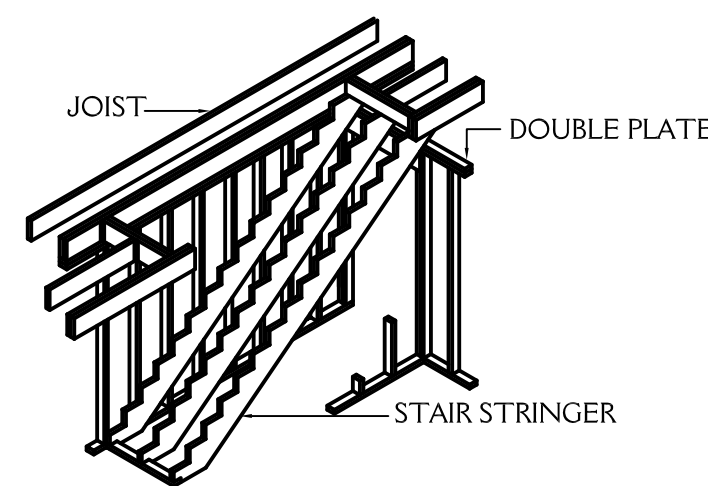
NORTH CAROLINA EXTERIORS		SHEET 4
LOT 25 WESLEY MANOR		
DRAWN BY: JD	DATE: 8-1-18	OF 5
REVISIONS:		PROJECT NO. 1844



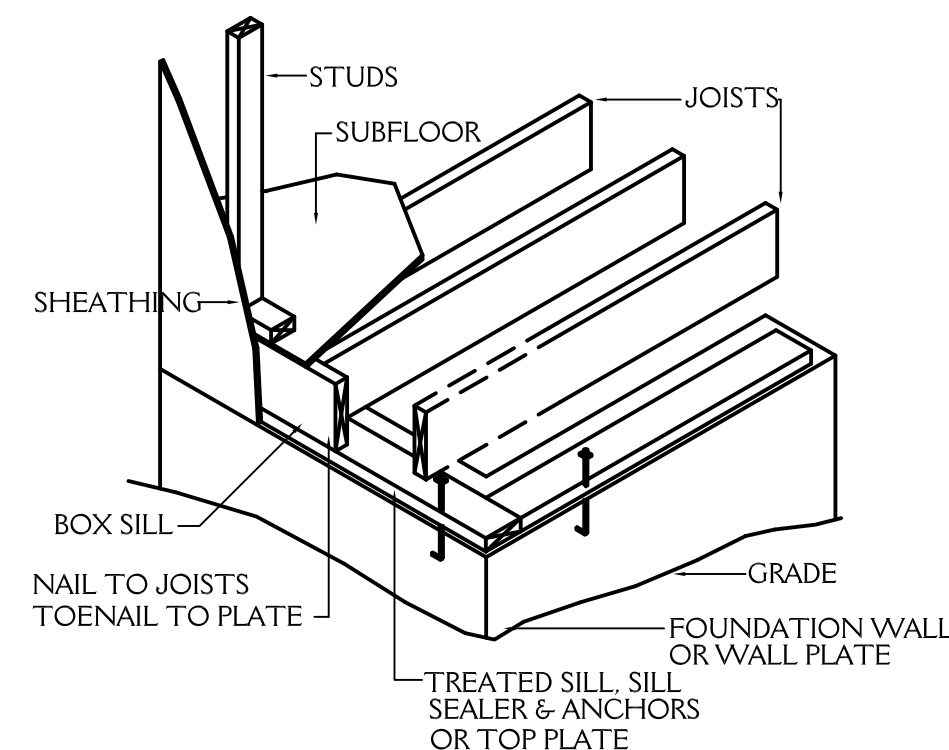
TYPICAL WALL SECTION
3/4"=1'-0"



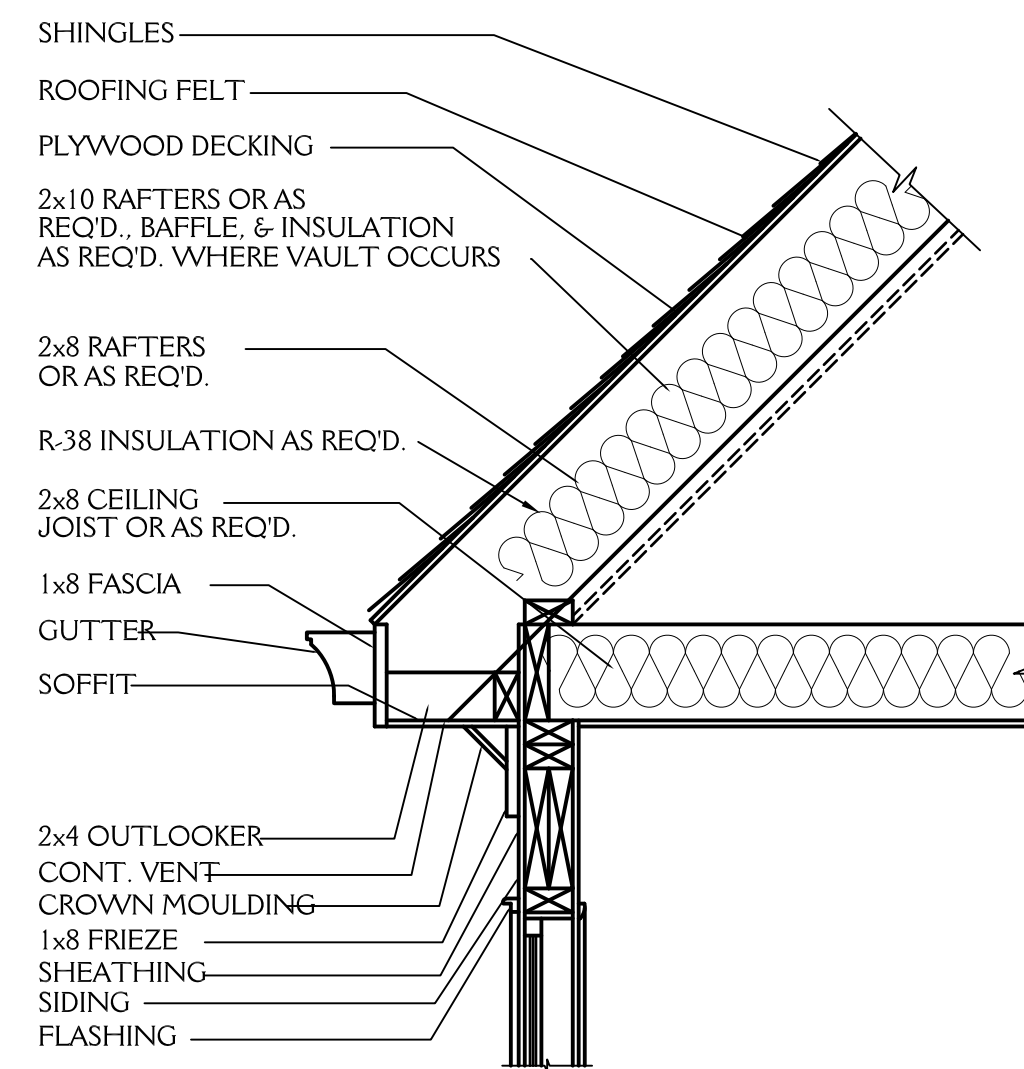
STAIR DETAIL
SCALE: NTS



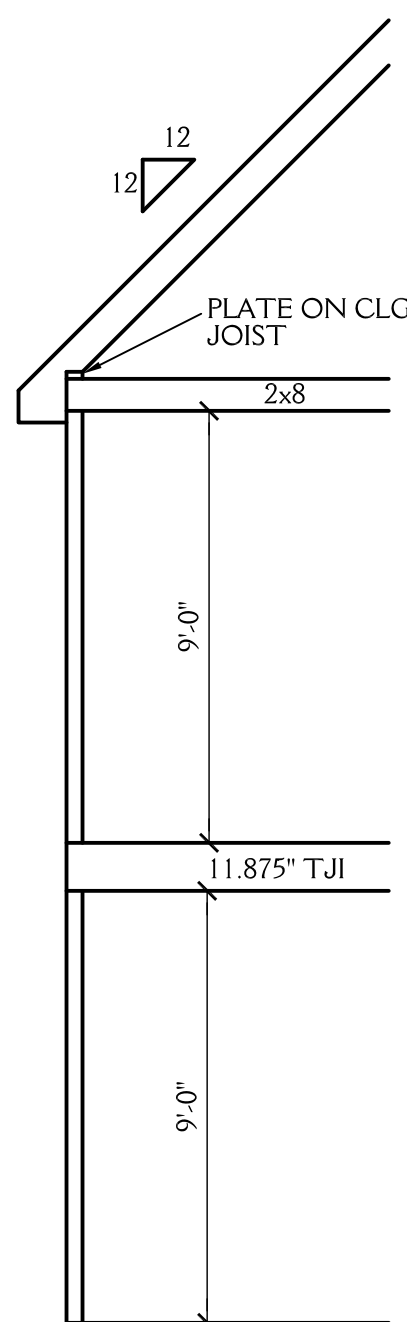
STAIRWAY FRAMING
NTS



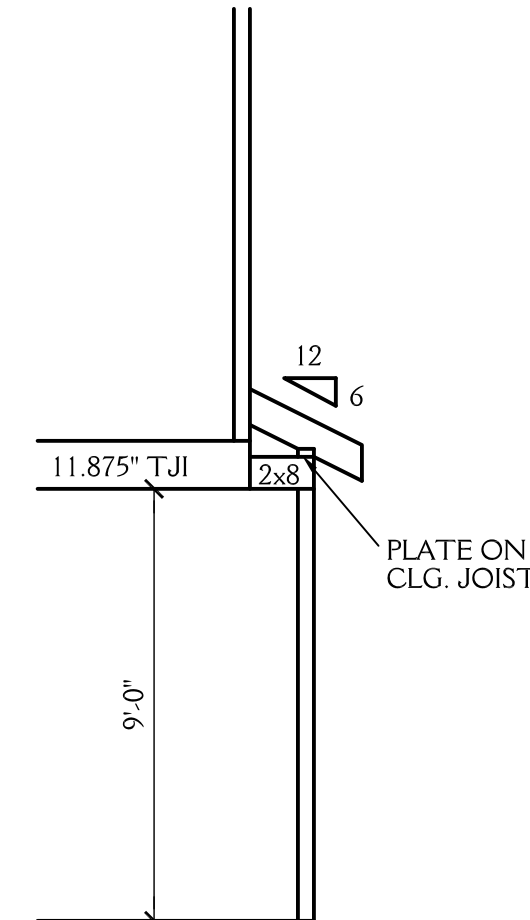
FLOOR FRAMING
NTS



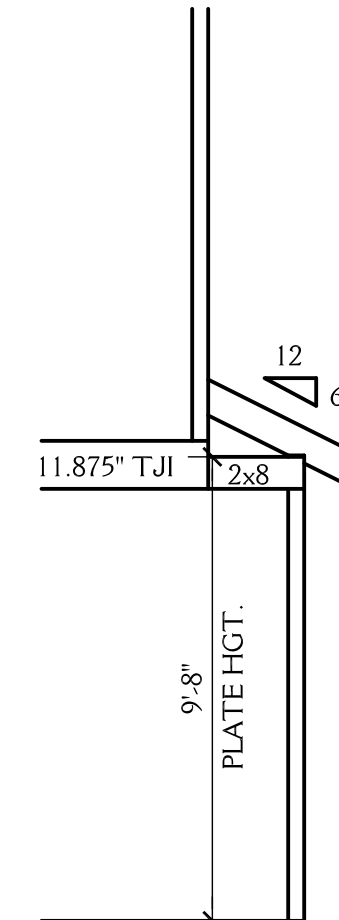
CORNICE DETAIL
3/4"=1'-0"



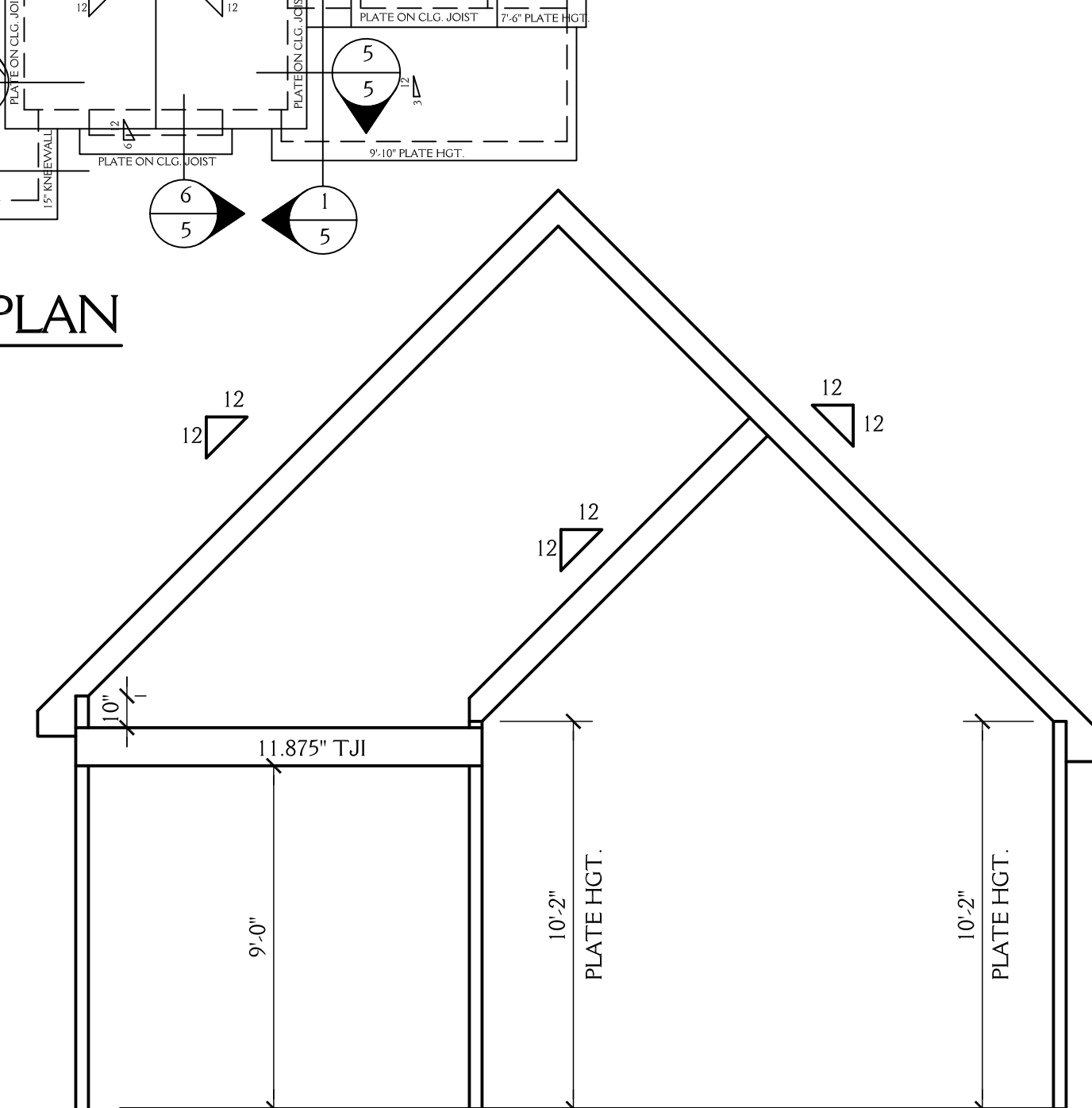
5 SCHEMATIC SECTION
SCALE 1/4"=1'-0"



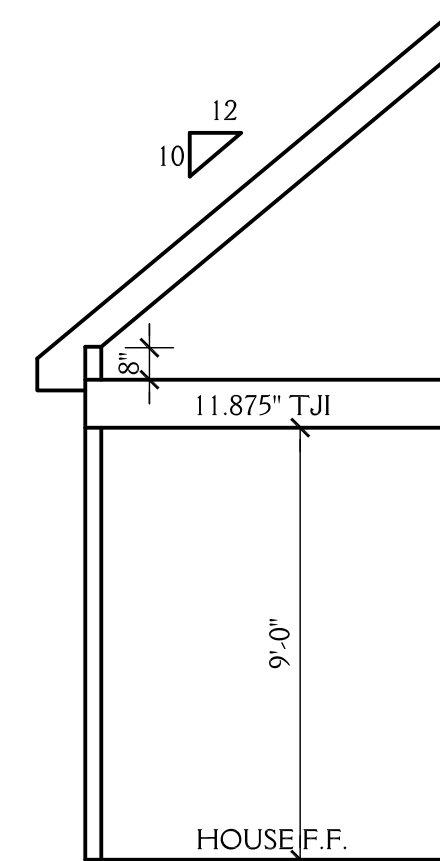
6 SCHEMATIC SECTION
SCALE 1/4"=1'-0"



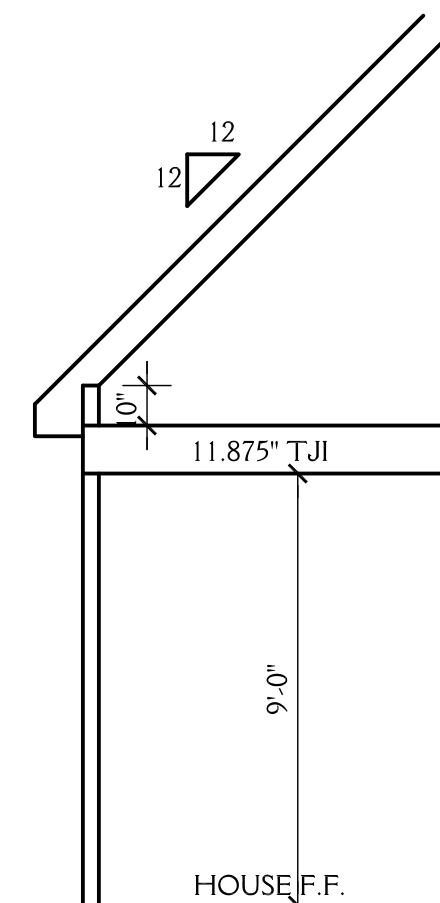
7 SCHEMATIC SECTION
SCALE 1/4"=1'-0"



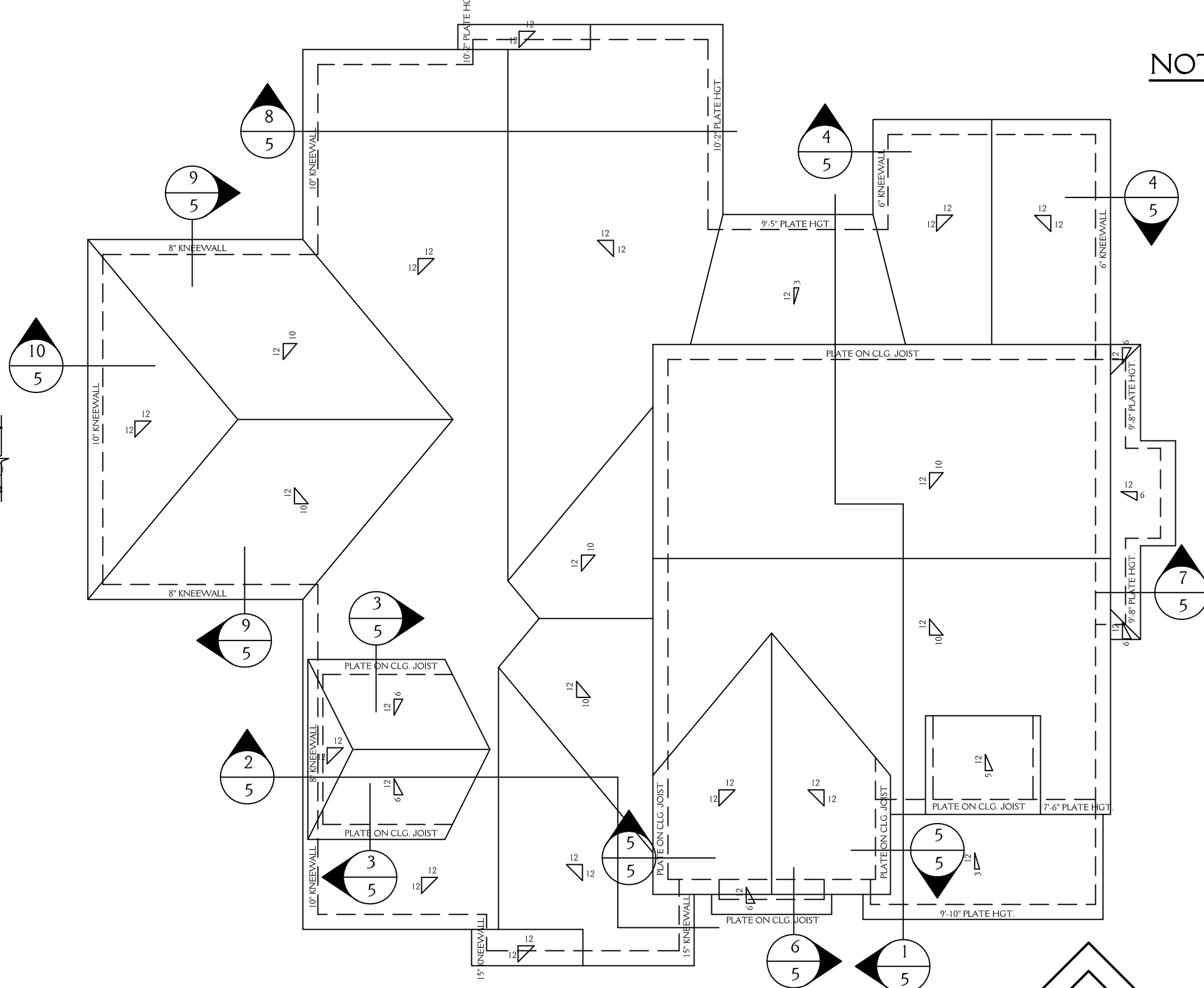
8 SCHEMATIC SECTION
SCALE 1/4"=1'-0"



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



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



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

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ROOF VENT CALCS

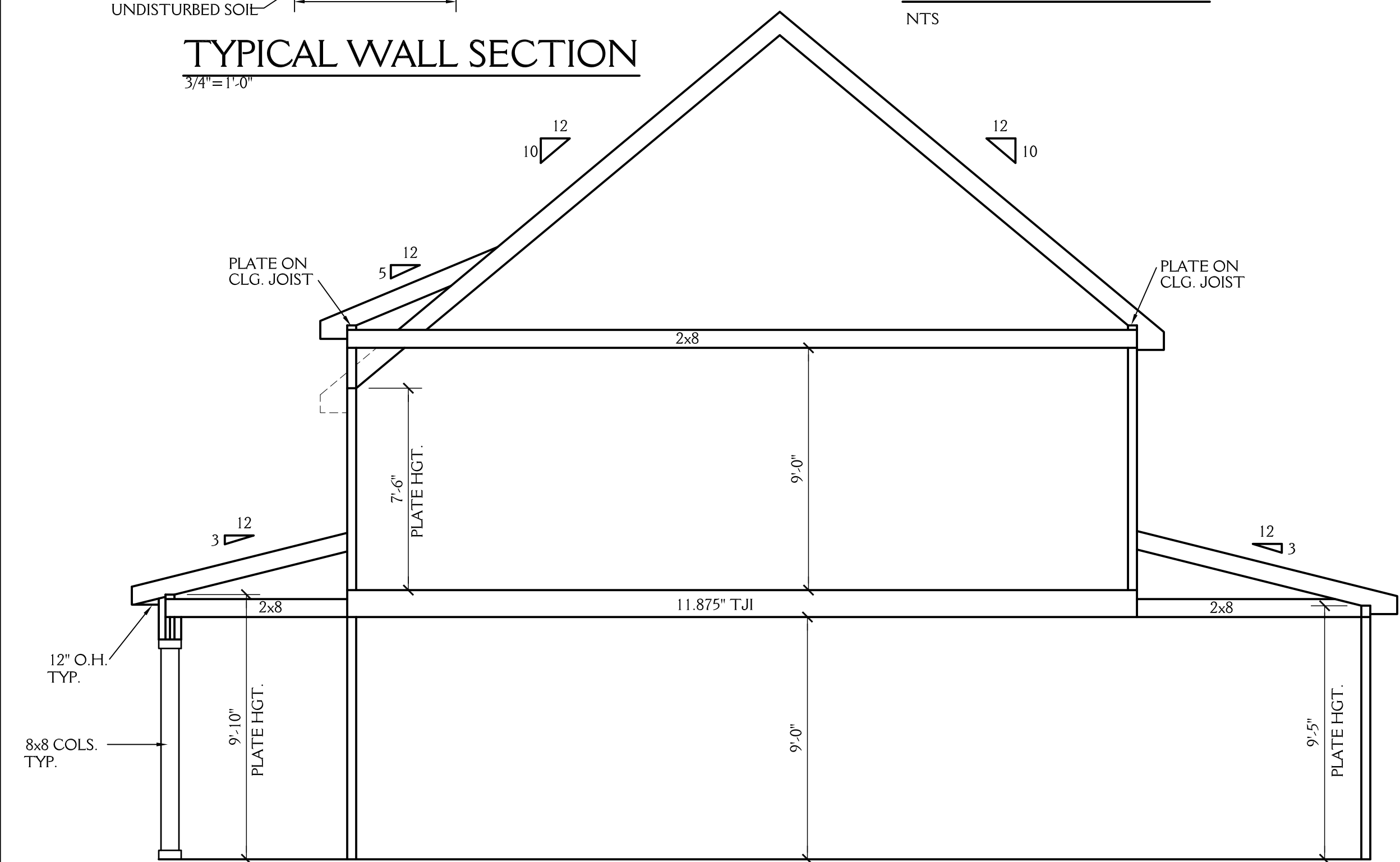
3109 SQ.FT. / 150 = 20.73 SQ.FT. REQ'D

BUILDER TO PROVIDE APPROPRIATE VENTILATION AS REQUIRED BY CODE
SEE SECTION R806 OF THE 2012 NC RESIDENTIAL BLDG. CODE

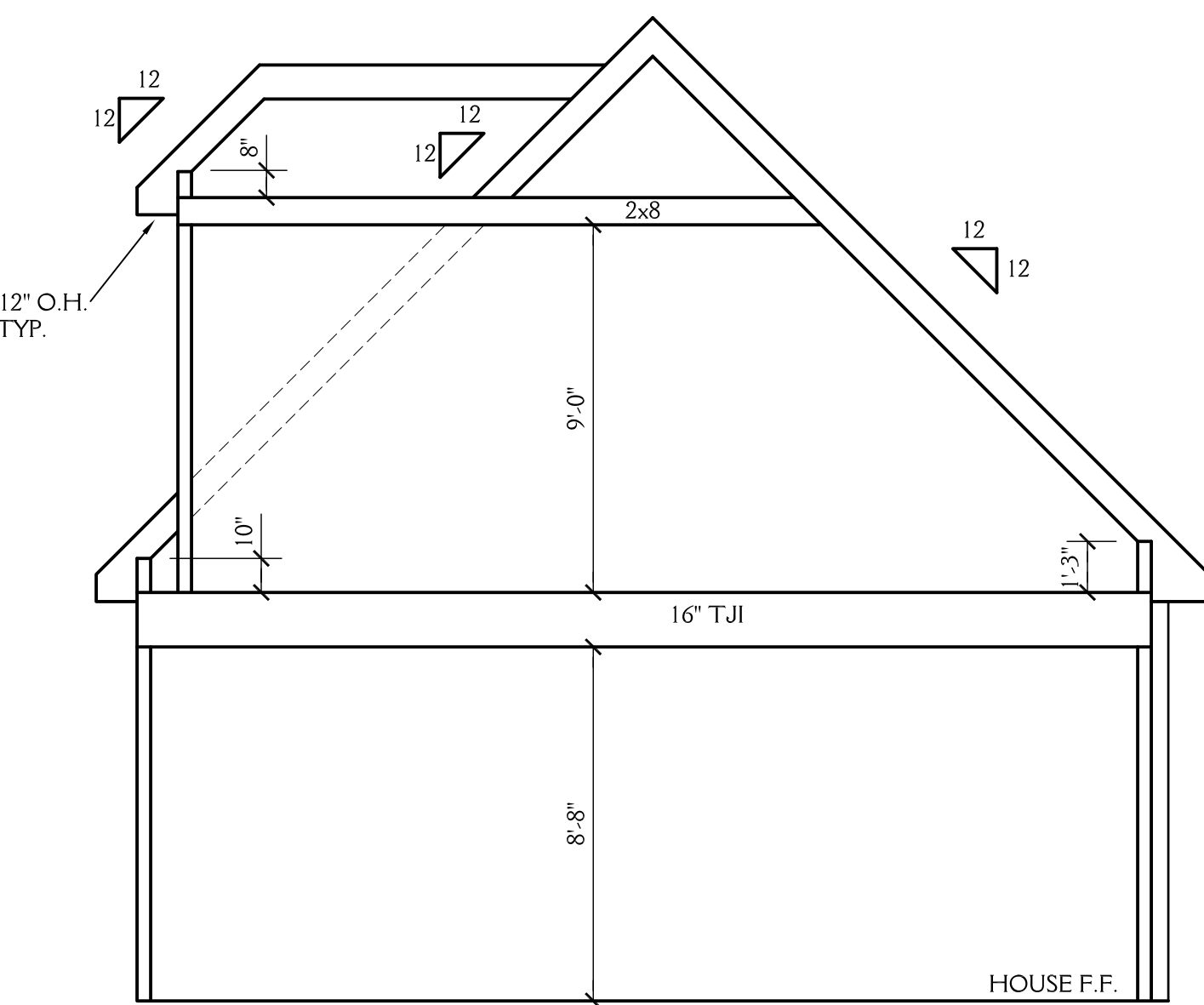
FND VENT CALCS

1706 SQ.FT. / 150 = 11.37 SQ.FT. REQ'D

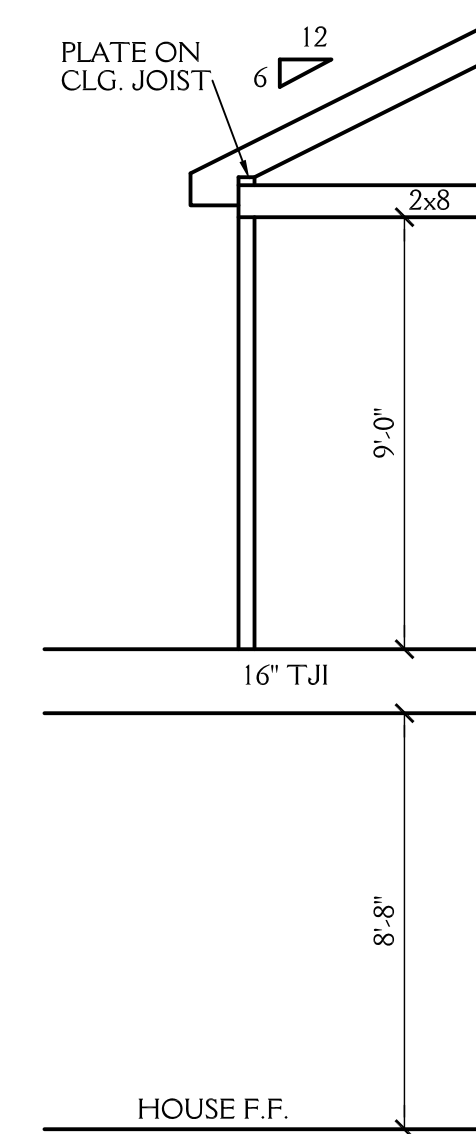
BUILDER TO PROVIDE APPROPRIATE VENTILATION AS REQUIRED BY CODE
SEE SECTION R408 OF THE 2012 NC RESIDENTIAL BLDG. CODE



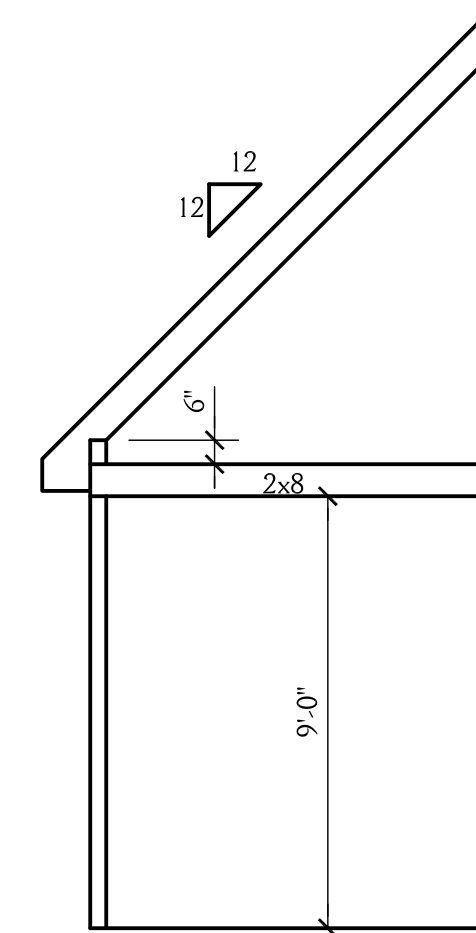
1 SCHEMATIC SECTION
SCALE 1/4"=1'-0"



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



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



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

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

NORTH CAROLINA EXTERIORS LOT 25 WESLEY MANOR		SHEET 5 OF 5
DRAWN BY: JD	DATE: 4-30-18	
REVISIONS:		PROJECT NO. 1844