

|              |                                                                                                                                                                                                                                          |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>NOTE:</b> | 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 |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

[illegible]

SCALE 1/4"=1'-0"

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

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

| 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

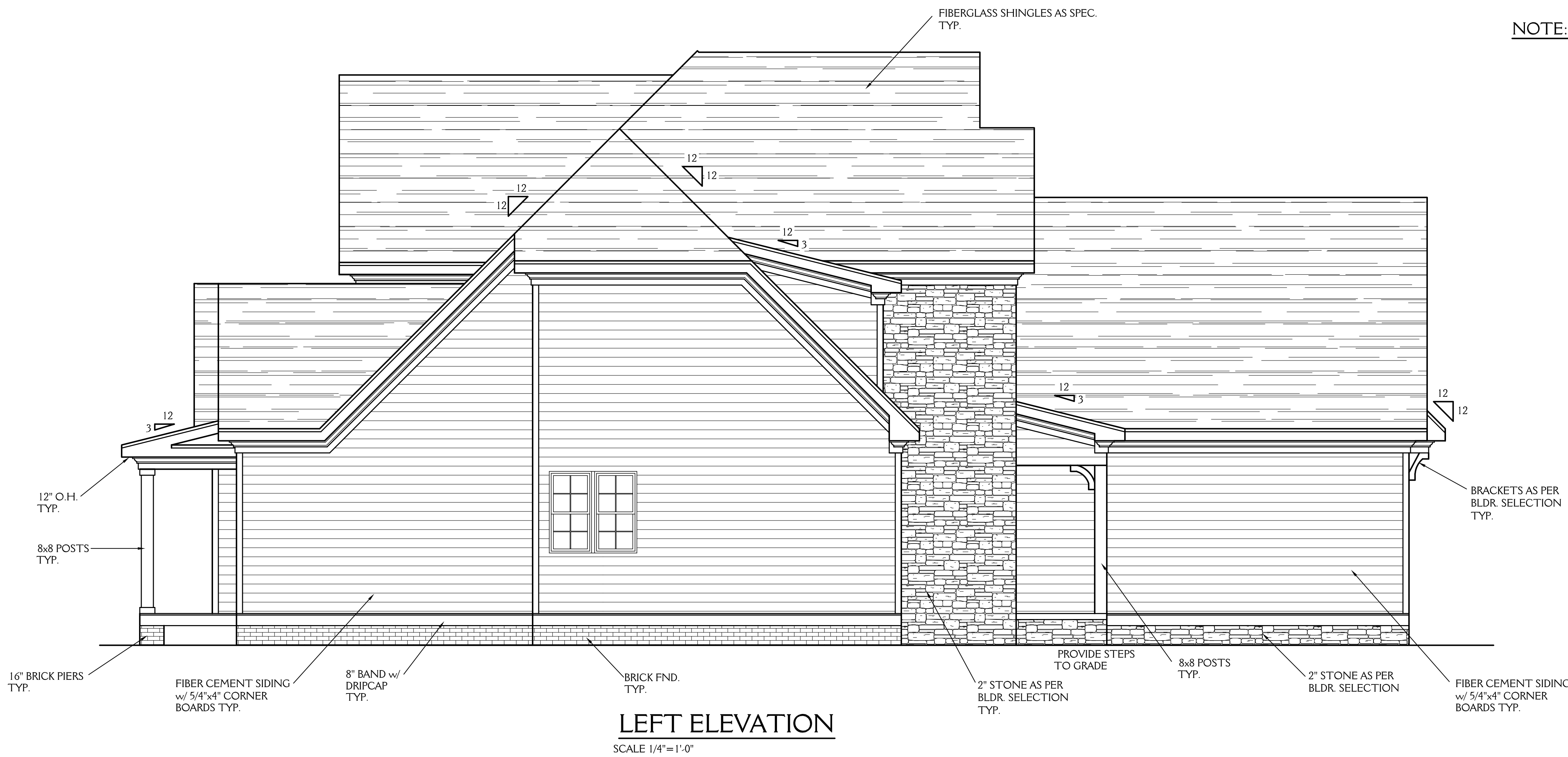
Architectural elevation drawing of a two-story house. The drawing includes the following callouts and details:

- Roofing:** FIBERGLASS SHINGLES AS SPEC. TYP. (multiple locations), PITCH CHANGE, 12/12 (multiple locations), 3:12 PITCH.
- Siding:** FIBER CEMENT SIDING w/ 5/4"x4" CORNER BOARDS TYP. (multiple locations).
- Windows:** Multiple multi-paned windows on both floors.
- Exterior Features:** 12" O.H. TYP. (overhang), 8" BAND w/ DRIPCAP TYP., 16" BRICK PIERS TYP., 8x8 POSTS TYP., BRICK FND. TYP.
- Foundation:** BRICK FND. TYP.
- Other:** PROVIDE STEPS TO GRADE.

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

|                                                  |               |                     |
|--------------------------------------------------|---------------|---------------------|
| NORTH CAROLINA EXTERIORS<br>LOT 69 JACKSON MANOR |               | SHEET<br>2<br>OF 5  |
| DRAWN BY: JD                                     | DATE: 5-14-18 |                     |
| REVISIONS:                                       |               | PROJECT NO.<br>1825 |

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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

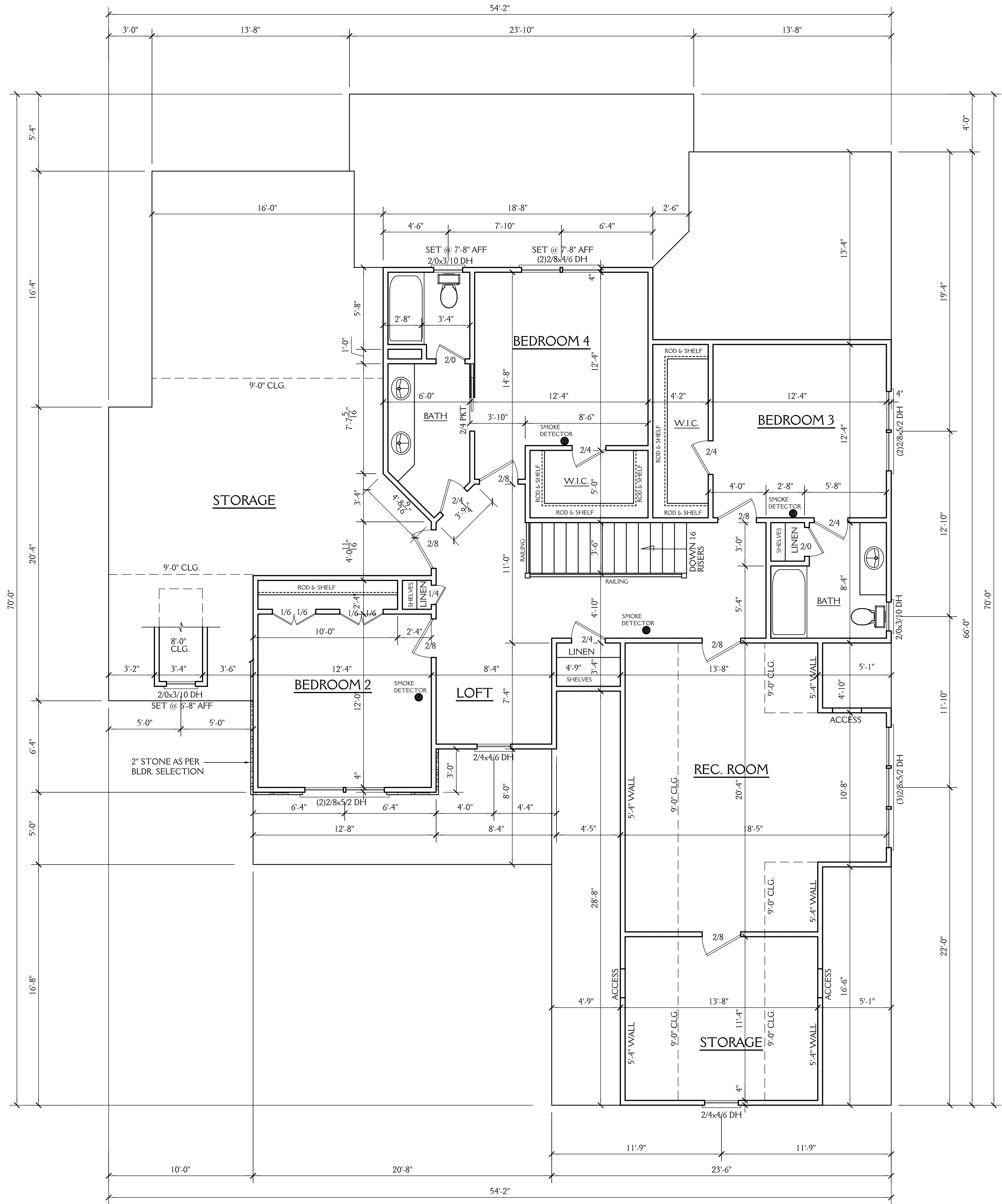
C.O. : CASSED OPENING  
D.W. : DISHWASHER  
W.I.C. : WALK IN CLOSET  
SHWR. : SHOWER  
DN. : DOWN  
TYP. : TYPICAL  
CLG. : CEILING  
HGT. : HEIGHT  
COL. : COLUMN  
TRANS. : TRANSOM  
CANT. : CANTILEVER



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

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SECOND FLOOR PLAN

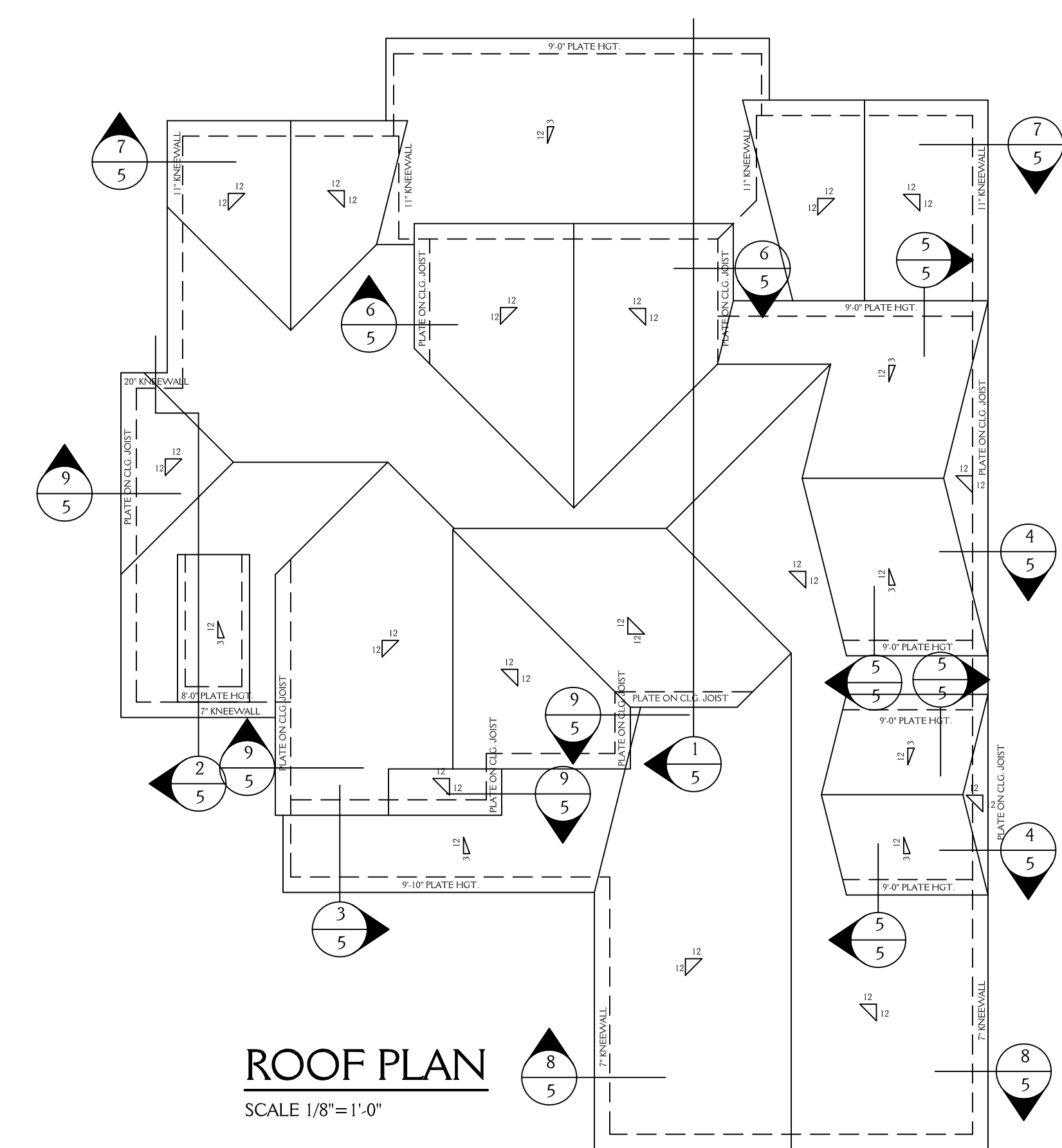
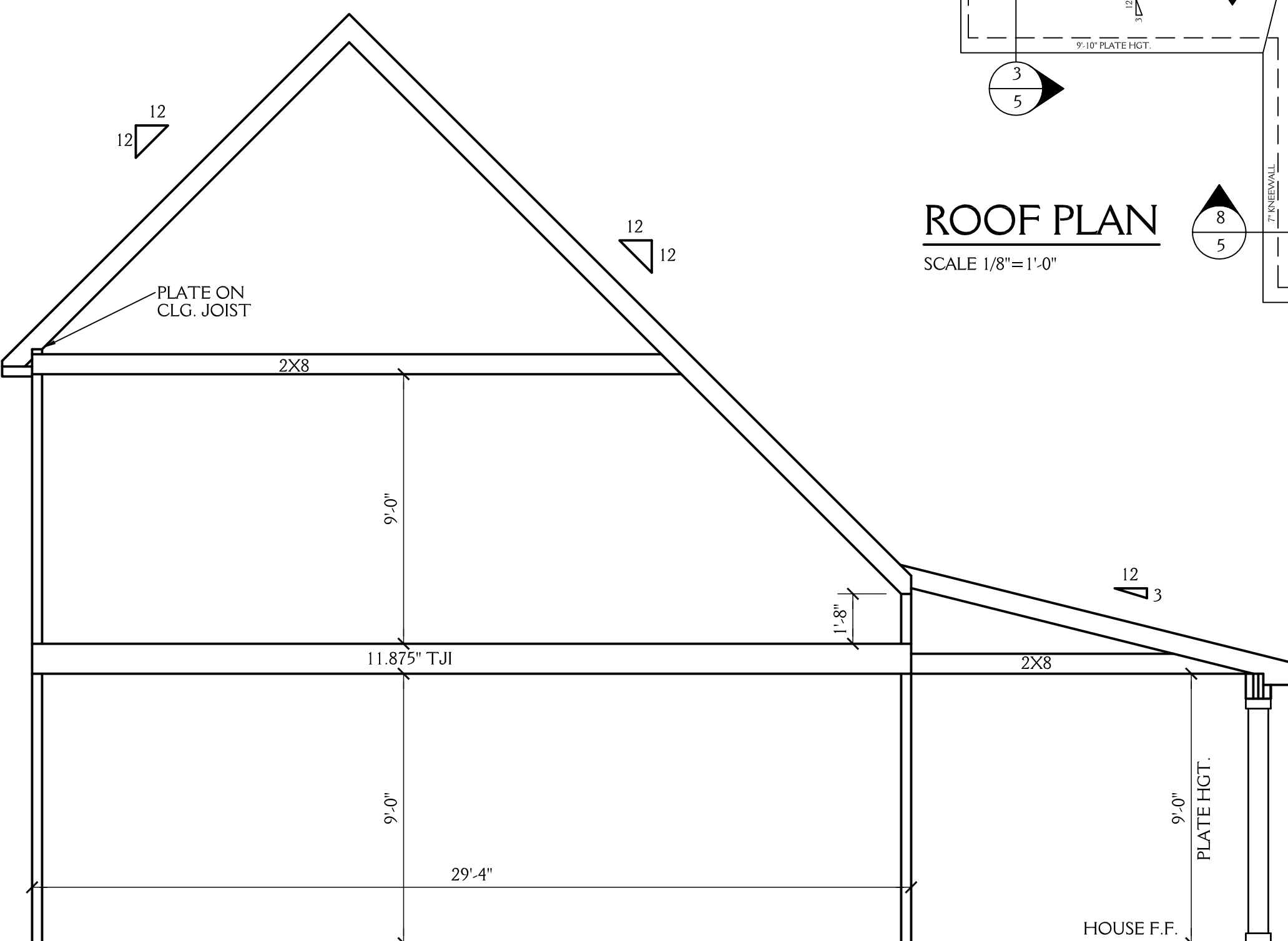
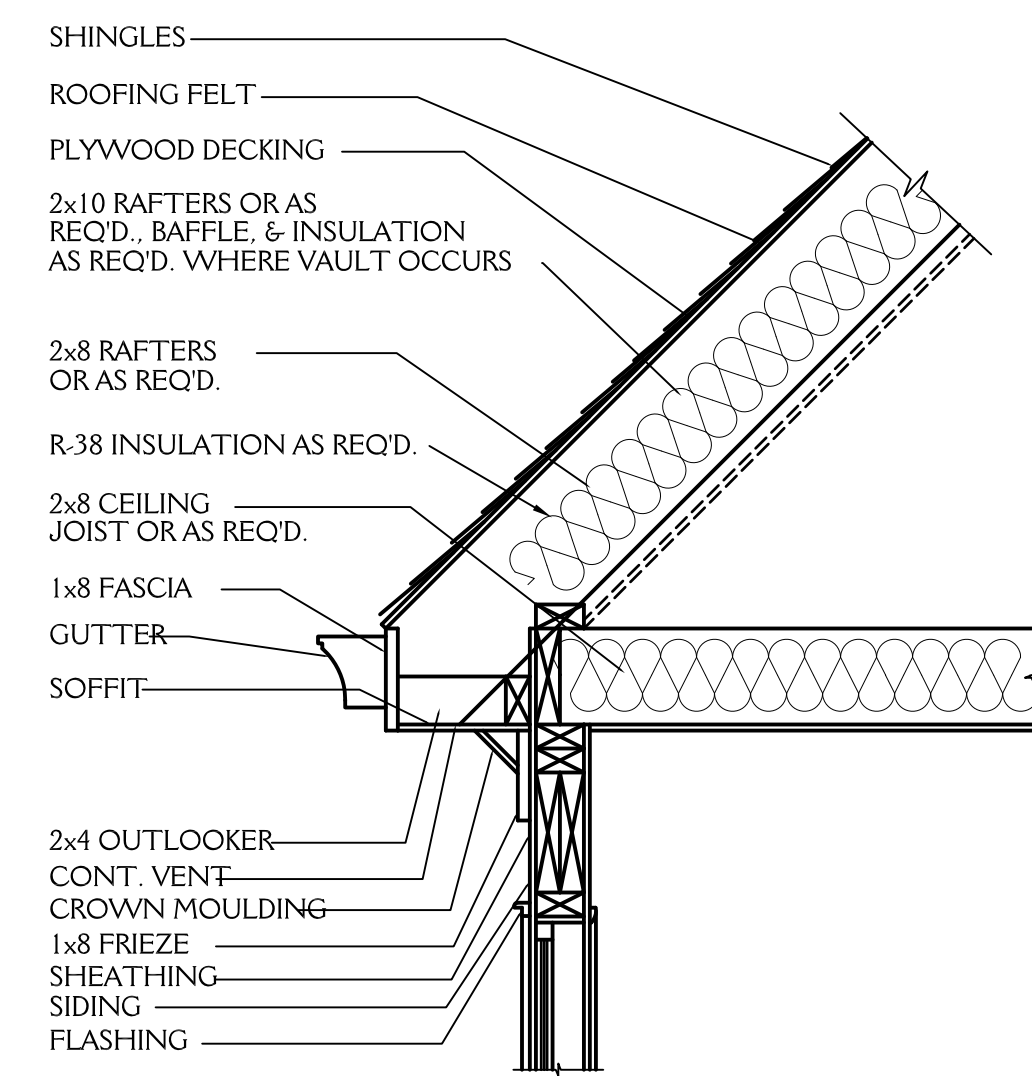
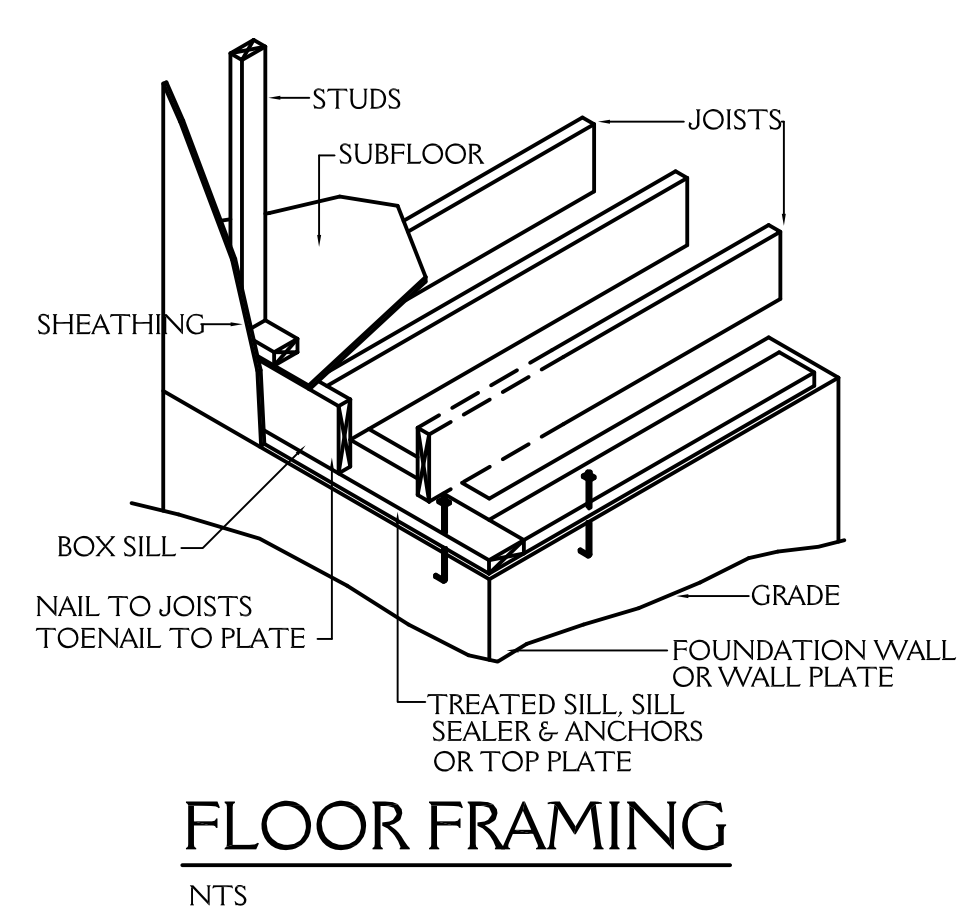
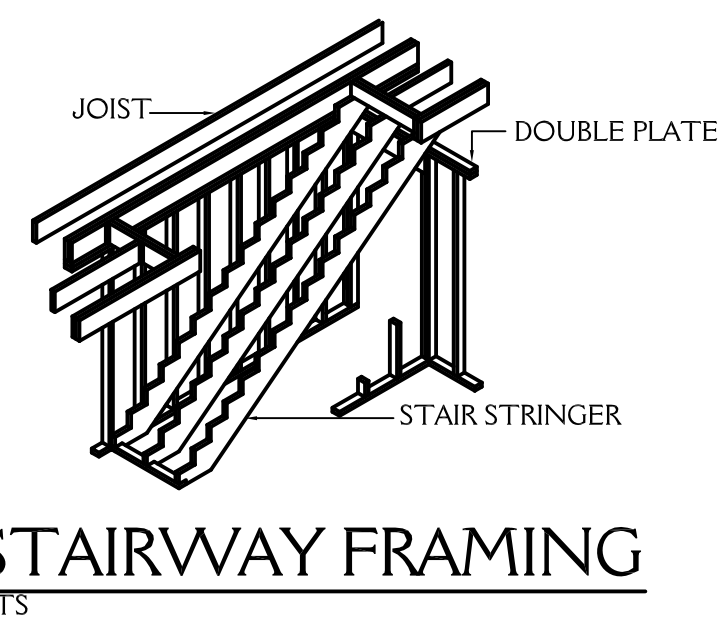
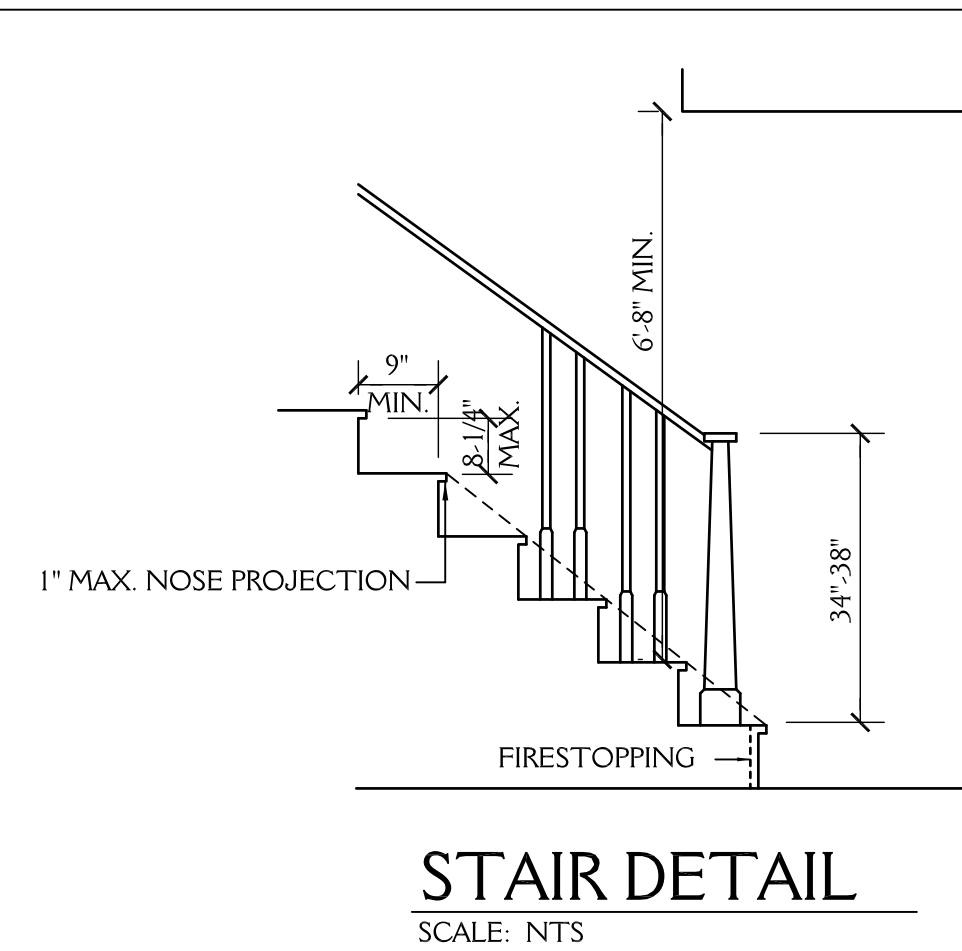
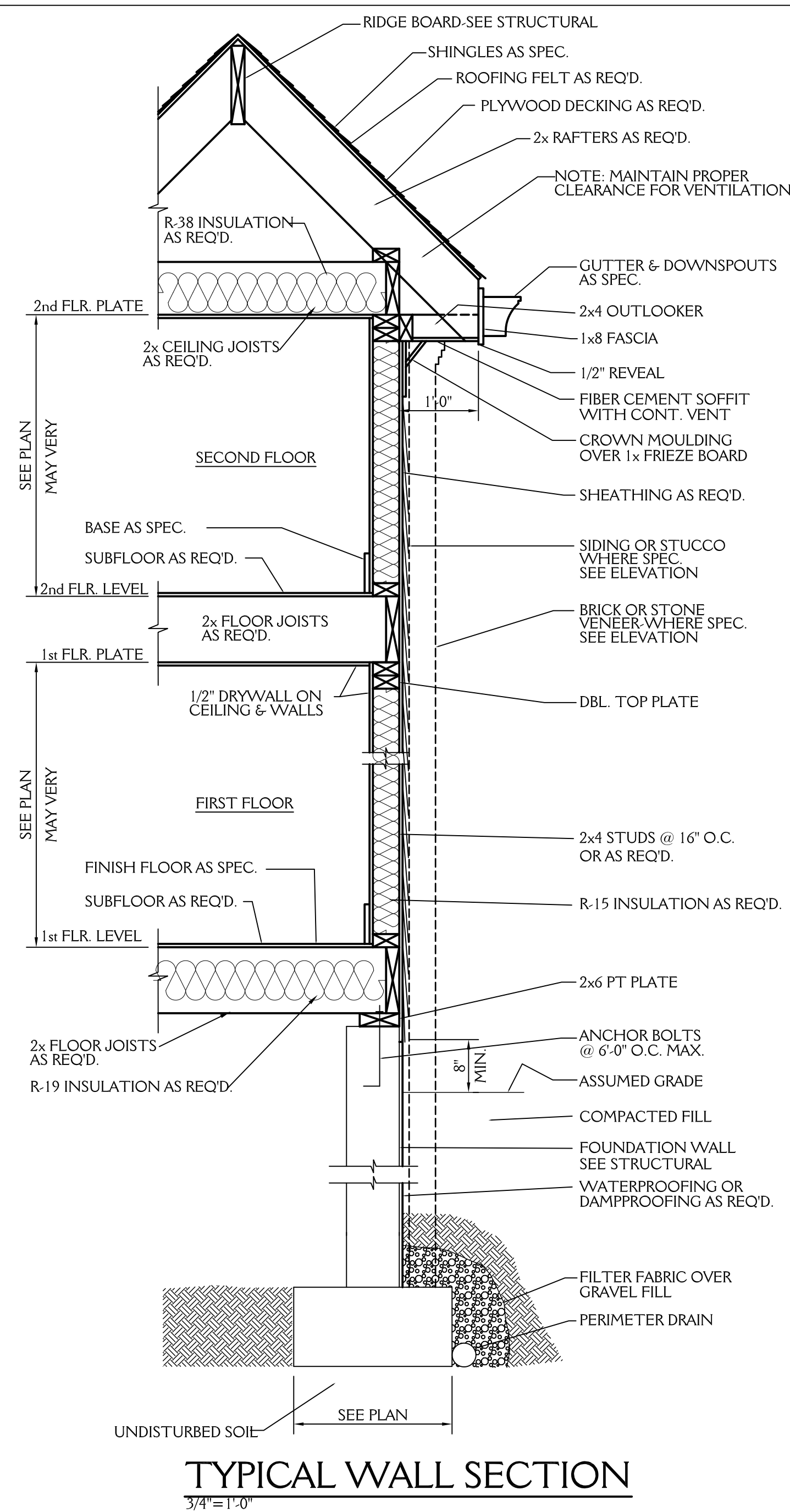
SCALE 1/4"=1'-0"  
9'-0" CLG. HGT.  
SET WINDOWS AT 7'-4" AFF U.N.O.

New Light

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## ROOF VENT CALCS

2975 SQ.FT. /150 = 19.83 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

1703 SQ.FT. / 150 = 11.35 SQ.FT. REQ'D

BUILDER TO PROVIDE APPROPRIATE  
VENTILATION AS REQUIRED BY CODE

SEE SECTION R408 OF  
THE 2012 NC RESIDENTIAL BLDG. CODE

