

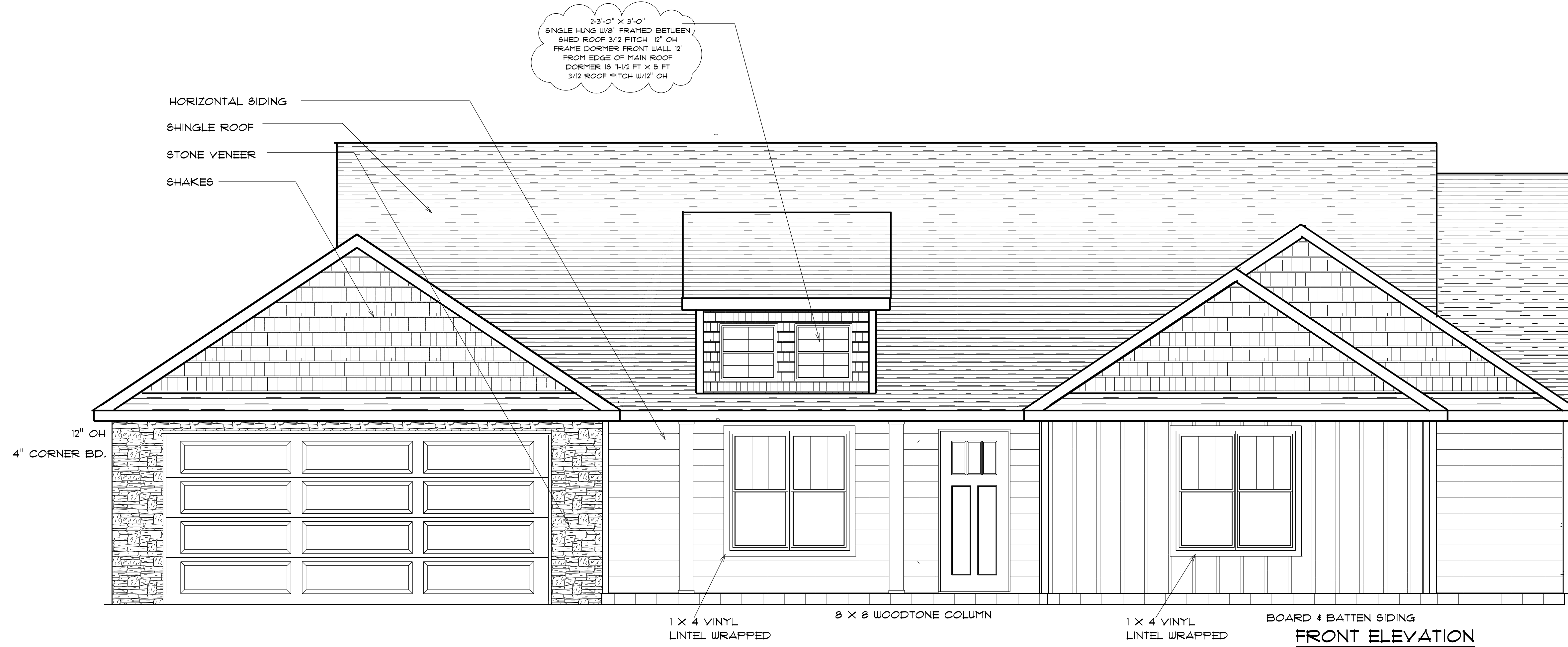
NOTICE TO CONTRACTOR  
 All construction must comply with current NC Building Codes  
 and is subject to field inspection and verification.

APPROVED

Limited building only review  
 Permit holder responsible for  
 full compliance with the code

05/22/2020

*Boyd*



AREA SCHEDULE	
NAME	AREA
Heated Floor Area	1632 sq. ft.
Garage	393.3 sq. ft.
Covered Porch	112.6 sq. ft.

FENESTRATION CALCULATIONS

Area Of Ext. Wall	Height Of Ext. Wall	Floor
1798 sq. ft.	8'	1st
		2nd
		other

Total Fenestration	Total Exterior Walls	Percentage of wall openings
9%	1798	153 sq ft

Above Grade Walls  
 Surrounding Heated Space

DRD  
 Design  
 6205 Hickorywood Lane  
 Sanford, N.C. 27332  
 919-717-6091  
 go@harnettcounty.net

SCALE: 1/4" = 1'

DRAWN BY:

DATE: 3/2/2020

LAMCO CUSTOM BUILDERS

THE HAYDEN

ELEVATION B

**ELEVATION NOTES:**  
 GRADE ELEVATIONS SHOWN DO NOT NECESSARILY REFER TO THIS OR ANY OTHER LOT. THEY ARE FOR DIAGRAMMATIC PURPOSES ONLY AND MAY VARY. BUILDER IS RESPONSIBLE FOR ADAPTING THIS PLAN TO SUIT THE EXISTING TOPOGRAPHY OF THE SITE.

ROOF VENTILATION TO BE DETERMINED BY BUILDER AS PER CODE.

ALL EGRESS OR RESCUE WINDOWS FROM SLEEPING ROOMS MUST HAVE A MIN. NET CLEAR OPENING OF 4.0 SQ FT. THE MIN NET CLEAR OPENING HEIGHT DIMENSION SHALL BE 22". THE MIN NET CLEAR OPENING WIDTH SHALL BE 20".

EACH EGRESS WINDOW FROM SLEEPING ROOMS MUST HAVE A SILL HIGHT OF NO MORE THAN 44" FROM THE FLOOR. ALL WINDOW SIZES ARE NOMINAL AND ARE TO BE VERIFIED WITH MANUFACTURER FOR AVAILABILITY AND CONFORMITY TO STATE AND LOCAL CODE REQUIREMENTS.

PORCHES, BALCONIES, OR RAISED FLOOR SURFACES LOCATED MORE THAN 30" ABOVE THE FLOOR OR GRADE BELOW SHALL HAVE GUARDRAILS NOT LESS THAN 32" IN HEIGHT.

ASSUME NO RESPONSIBILITY FOR ANY DISTANCES AFTER START OF CONSTRUCTION. CONTRACTOR/BUILDER SHALL CONSULT WITH HOME OWNER ON ALL INTERIOR AND EXTERIOR MOLDINGS, TRIMS, COLORS, FINISHES, CABINET LAYOUTS, AND MANUFACTURERS BEFORE CONSTRUCTION BEGINS. ALL BEAMS AND FRAMING MEMBERS ARE SIZED BY OTHERS.

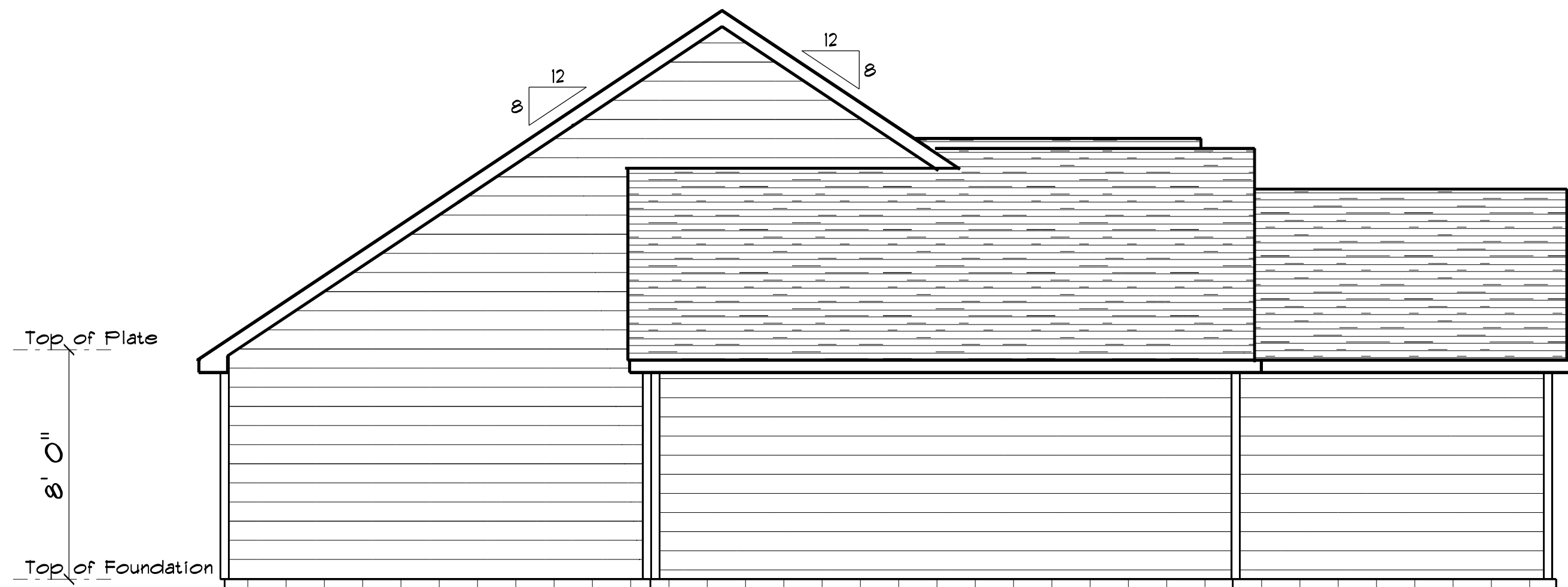
1.1 This plan has been drawn to comply with the 2018 NC Building Code

- 1.2 Minimum Design Loads for Building and Other Structures ASCE 7-98B
- 2 Roof Dead Load 115 P&F
  - 3 Roof Live Load 20 P&F
  - 4 Typical Floor Dead Load 10 P&F
  - 5 Floor Live Loads
    - 5.1 Rooms other than sleeping rooms 40 P&F
    - 5.2 Sleeping Rooms 30 P&F
    - 5.3 Stairs 40 P&F
    - 5.4 Decks 40 P&F
    - 5.5 Exterior Balconies 60 P&F
  - 6 Wind Loads
    - 6.1 Ultimate Design Wind Speeds 15 MPH
    - 6.2 Wind Importance Factor, I<sub>w</sub> 1.00
    - 6.3 Exposure B
    - 6.4 Walls (Component and Cladding) 25 P&F
    - 6.5 Roofs (Component and Cladding)
      - 6.5.1 Roof Slopes 2.25/12 to 7/12 34.8 P&F
      - 6.5.2 Roof Slopes 7/12 to 12/12 21 P&F

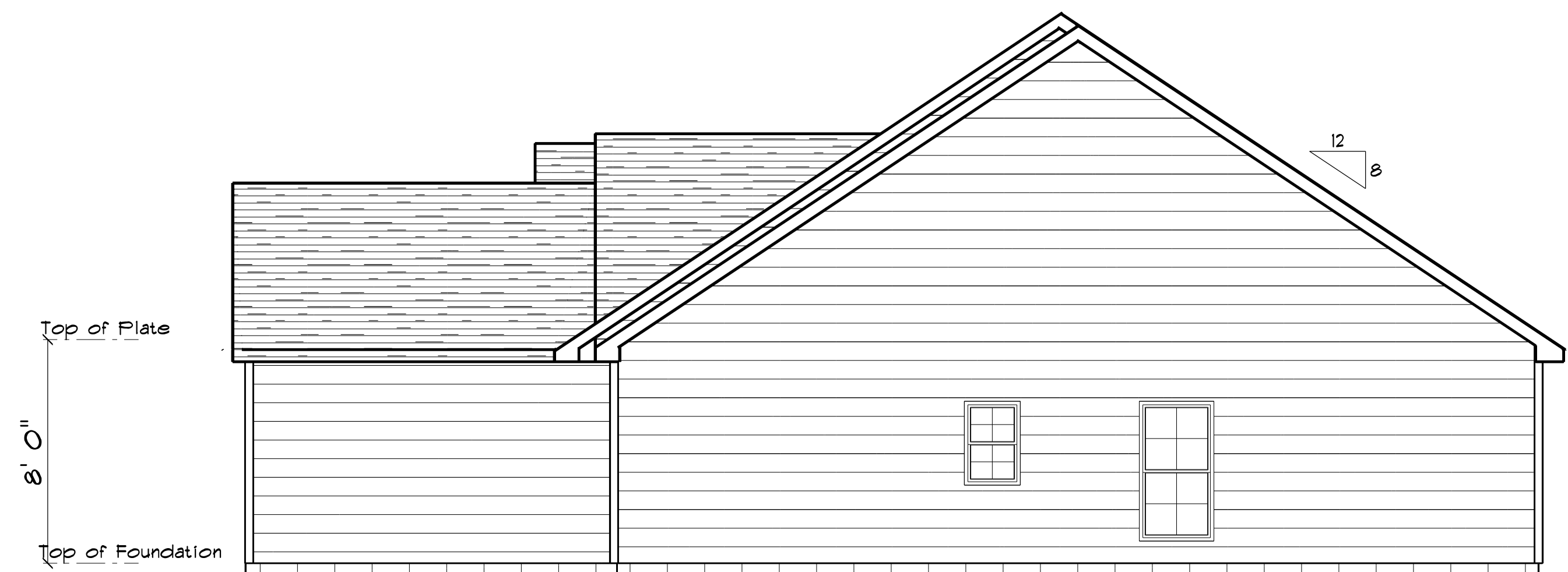
It is the sole responsibility of the Contractor and/or Builder to conform to all standards, provisions, requirements, methods of construction and uses of materials provided in buildings and/or structures as required by NC Uniform Building Code, Local Agencies and in accordance with good engineering practices. Verify all dimensions prior to construction.



**REAR ELEVATION**  
 SCALE: 1" = 3/8"



**LEFT ELEVATION**  
 SCALE: 1" = 3/8"



**RIGHT ELEVATION**  
 SCALE: 1" = 3/8"





OPENING SCHEDULE				
SIZE	HINGE	COUNT	LIBRARY NAME	TYPE
2'-8"	L	1	Exterior Door\Colonial	DOOR
3'-0"	R	1	Exterior Door\Colonial	DOOR
6'-0"	NL	1	Exterior Door\Patio	SLIDING DOOR
16'-0"	U	1	Garage	GARAGE
2'-0"	R	1	Interior Door\Colonial	DOOR
2'-4"	L	2	Interior Door\Colonial	DOOR
2'-4"	R	1	Interior Door\Colonial	DOOR
2'-6"	L	2	Interior Door\Colonial	DOOR
2'-6"	R	1	Interior Door\Colonial	DOOR
2'-8"	L	1	Interior Door\Colonial	DOOR
4'-0"	LR	4	Interior Door\Colonial	DOOR
2'-8" x 5'-0" DBL	NN	2	Window\Single Hung	WINDOW
2'-8" x 5'-0"	N	2	Window\Single Hung	WINDOW
2'-8" x 3'-0"	U	1	Window\Single Hung	WINDOW
2'-0" x 3'-0"	N	1	Window\Single Hung	WINDOW

**GENERAL FRAMING NOTES:**

ALL LUMBER IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESSURE TREATED.

FRAMING LUMBER SHALL BE SYP #2 GRADE AND/OR SPRUCE PINE FIR #1 AND/OR #2, KILN DRIED.

WHERE PRE-ENGINEERED JOISTS ARE USED, JOIST MANUFACTURER SHALL PROVIDE SHOP DRAWINGS, WHICH BEAR SEAL OF A N.C. ENGINEER.

STUDS AND JOISTS SHALL NOT BE CUT TO INSTALL PLUMBING OR WIRING WITHOUT ADDING METAL OR WOOD SIDE PANELS TO STRENGTHEN THE MEMBER TO ITS ORIGINAL CAPACITY.

NAIL MULTIPLE MEMBERS WITH 2 ROWS OF 16d NAILS STAGGERED 32" OC AN USE 3-16d NAILS 2" IN AT EACH END. DOUBLE ALL STUDS UNDER ROOF POST DOWNS UNO.

NAIL FLOOR JOISTS TO BILL PLATE WITH 8d TOE NAILS.

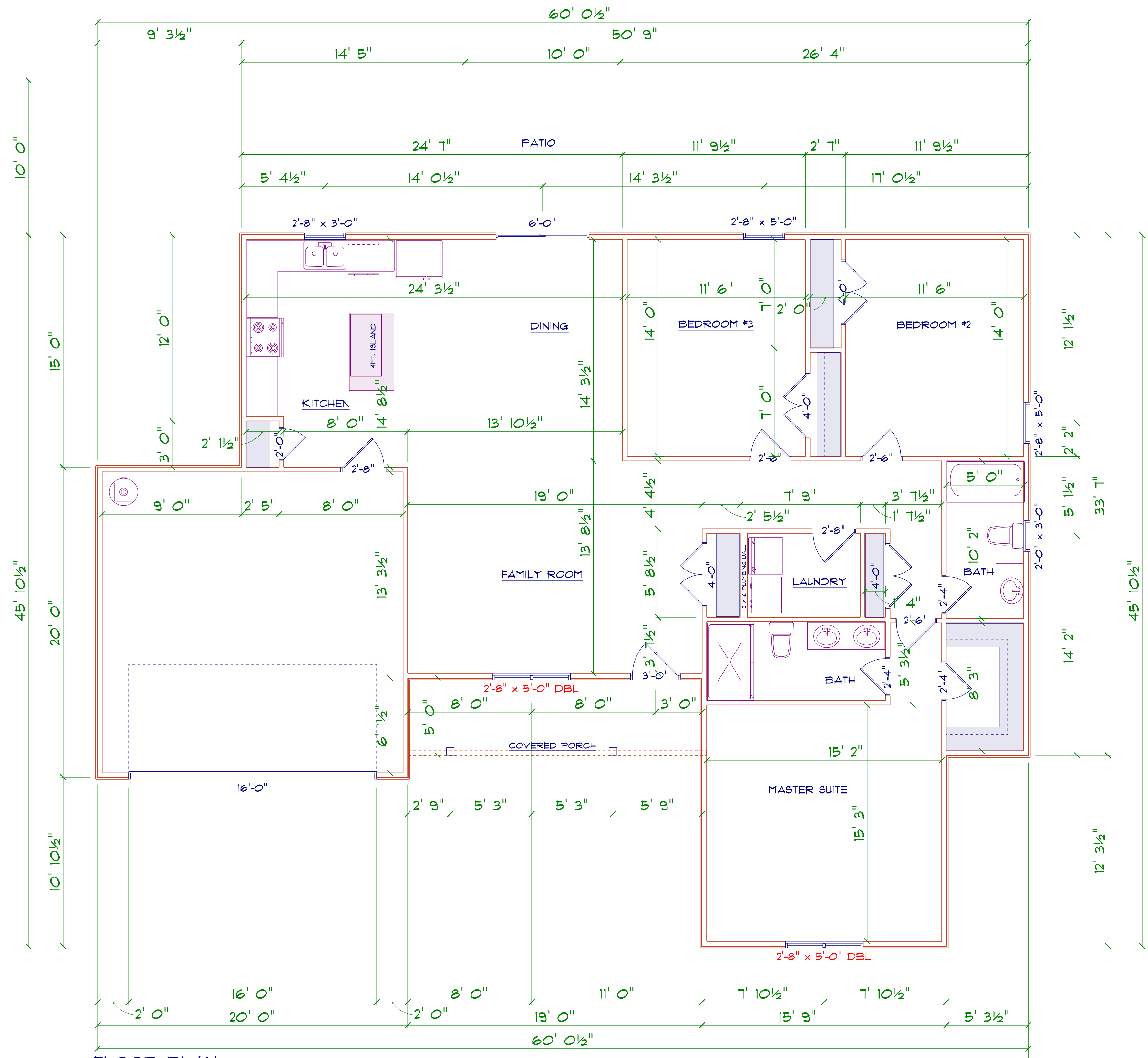
ALL EXPOSED FRAMING ON PORCHES AND DECKS SHALL BE PRESSURE TREATED.

PROVIDE WATERPROOFING AND DRAINS AS REQUIRED.

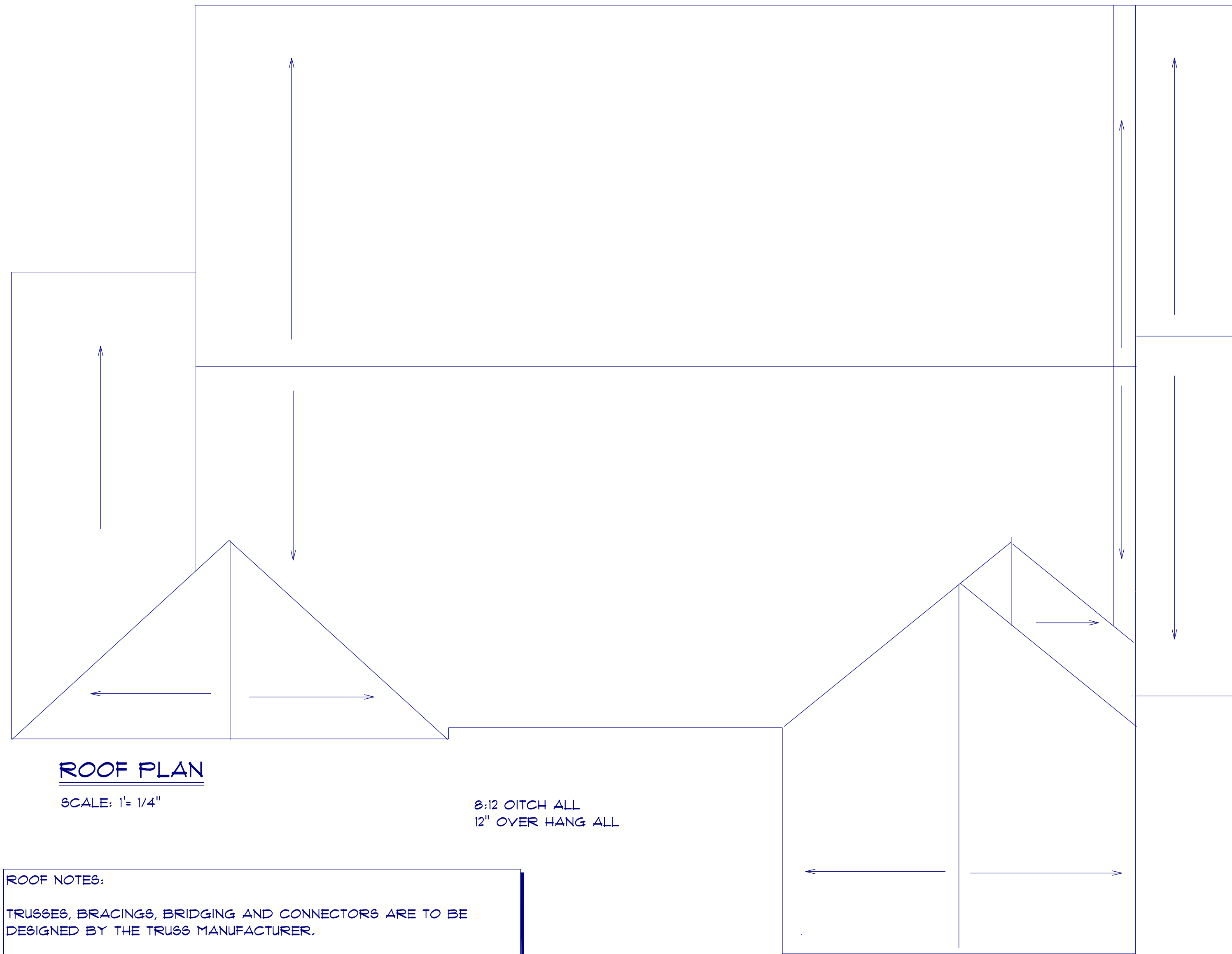
ALL FRAMING TO BE 16" OC UNO. WALL FRAMING DIMENSIONS ARE BASED ON 2 X 4 STUDS UNO. DOUBLE STUDS UNDER ALL HEADERS.

LVL'S AND TJ'S TO BE SIZED BY OTHERS

EXTERIOR WALLS IN LIVING AREAS ARE 2 X 4



**FLOOR PLAN**  
SCALE: 1" = 1/4"



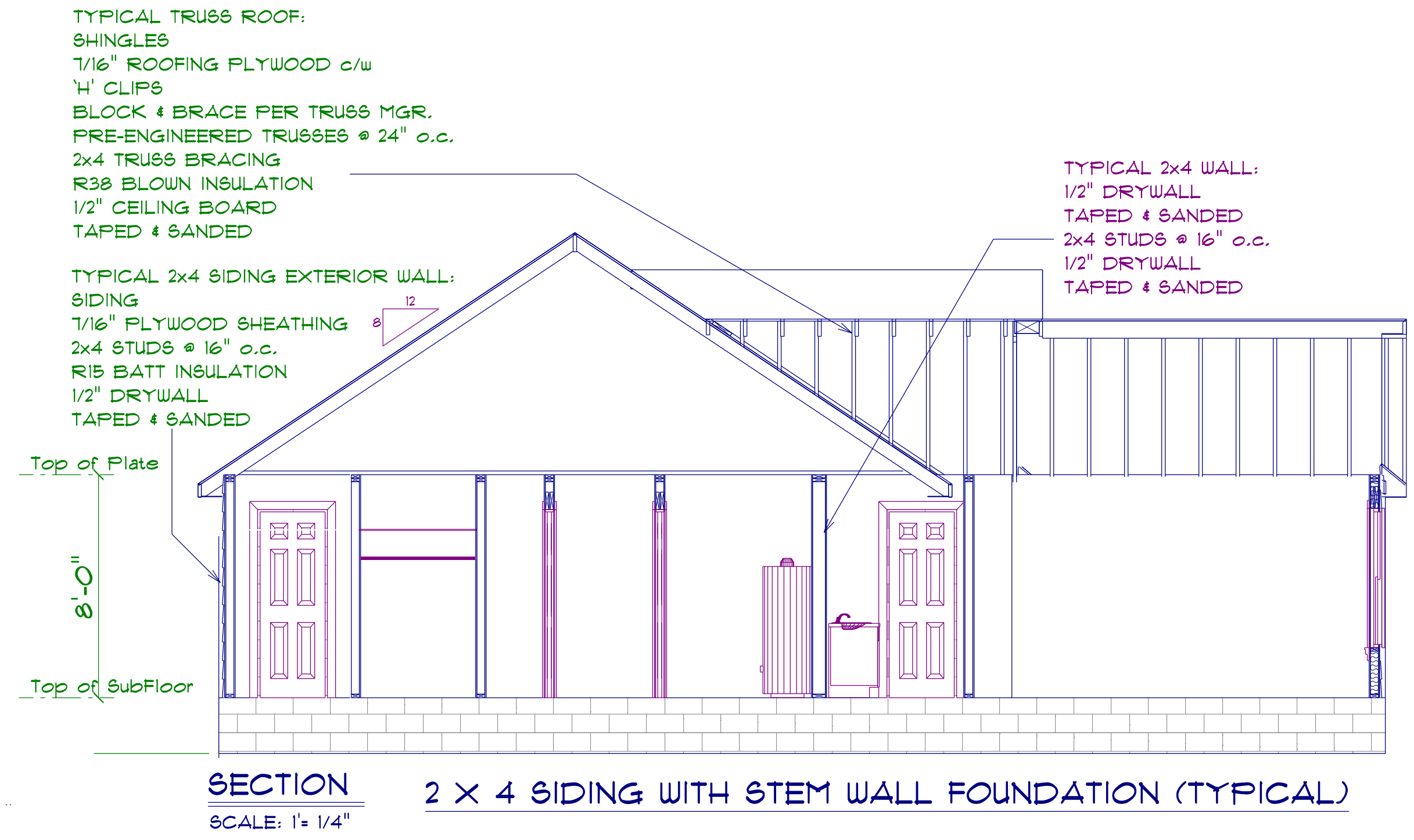
**ROOF NOTES:**

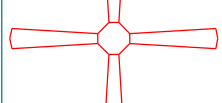





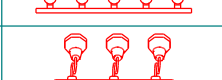

TRUSSES, BRACINGS, BRIDGING AND CONNECTORS ARE TO BE DESIGNED BY THE TRUSS MANUFACTURER.

IDENTIFY LUMBER BY OFFICIAL GRADE MARKINGS.

DO NOT CUT OR REMOVE CHORDS OR OTHER TRUSS MEMBERS.  
DO NOT NOTCH OR DRILL TRUSS MEMBERS.

WHERE PRE-ENGINEERED ROOF TRUSSES ARE USED, TRUSS MANUFACTURER SHALL PROVIDE SHOP DRAWINGS, WHICH BEAR SEAL OF A N. C. REGISTERED ENGINEER.



ELECTRICAL LEGEND		
ELECTRICAL	COUNT	SYMBOL
ceiling fan 4 bladed 01	2	
can light 6inch	8	
ceiling light 01	6	
ceiling light 06	1	
fluorescent light 1 x 4	3	
exterior light 02	3	
spotlight double with motion detector	2	
vanity bar light 01	1	
vanity wall mount	1	