

**ELEVATION NOTES:**  
GRADE ELEVATIONS SHOWN DO NOT NECESSARILY REFER TO THIS OR ANY OTHER LOT. THEY ARE FOR DIAGNOSTIC 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 HEIGHT 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.

I. ASSUME NO RESPONSIBILITY FOR ANY DISTANCES AFTER START OF CONSTRUCTION.  
CONTRACTOR/BUILDER SHALL CONSULT WITH HOME OWNER ON ALL INTERIOR AND EXTERIOR HOLDINGS, 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 7-98
- 2 Roof Dead Load 15 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

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FRONT ELEVATION

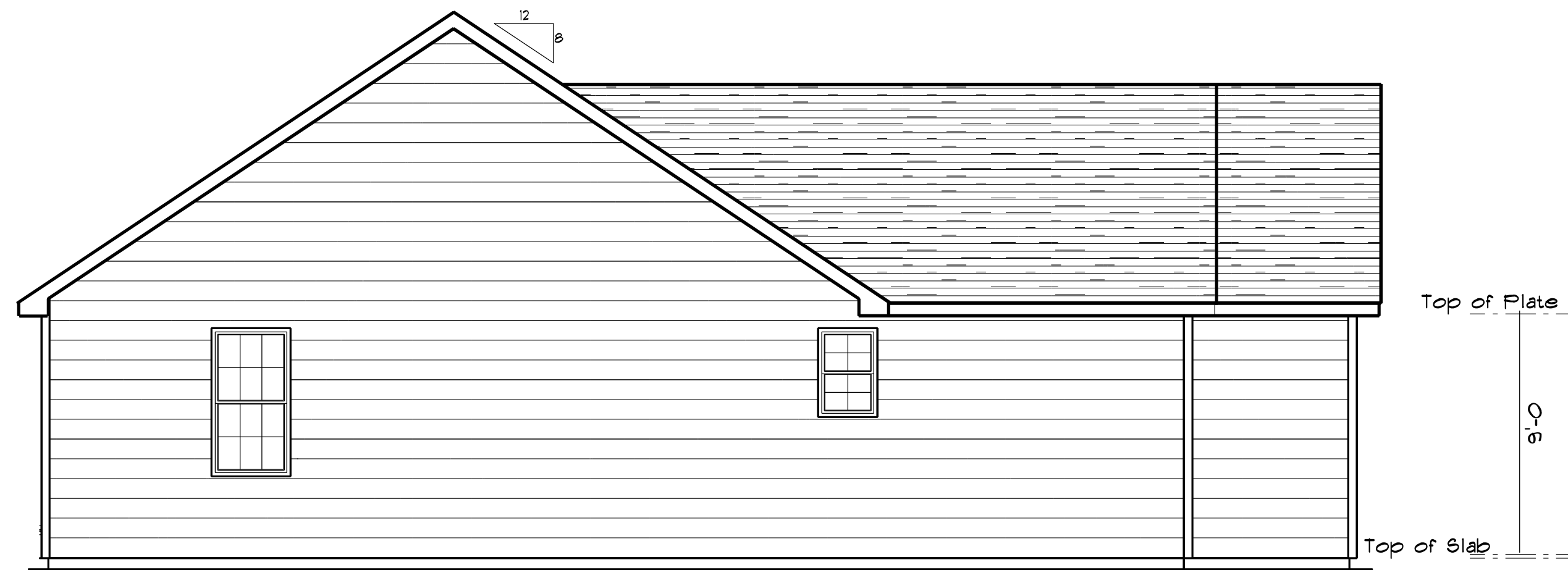
AREA SCHEDULE	
NAME	AREA
Gross Floor Area	1602 sq. ft.
Garage	454 sq. ft.
Covered Entry Porch	40 sq. ft.

FENESTRATION CALCULATIONS

Floor	Height Of Ext. Wall	Area Of Ext. Wall	Ext. Wall
1st	9'	1840	
2nd			
other			
1177	Total Sq. Ft. of Exterior Walls		

Total Fenestration	Total Exterior Walls	Percentage of wall openings
208	1840	13%

Above Grade Walls Surrounding Heated Space



**LEFT ELEVATION**

SCALE: 1" = 1/4"



**REAR ELEVATION**

SCALE: 1" = 1/4"



**RIGHT ELEVATION**

SCALE: 1" = 1/4"

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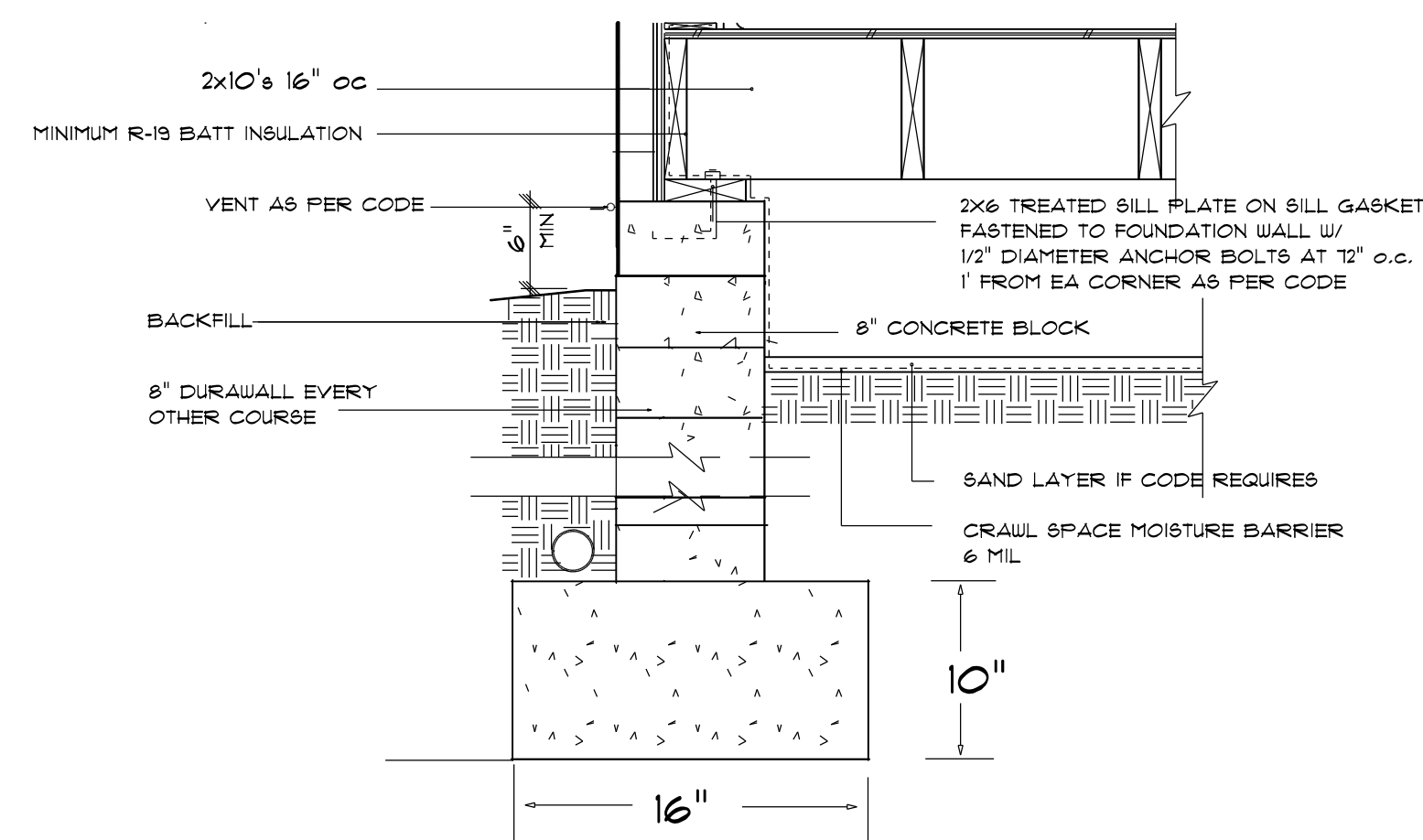
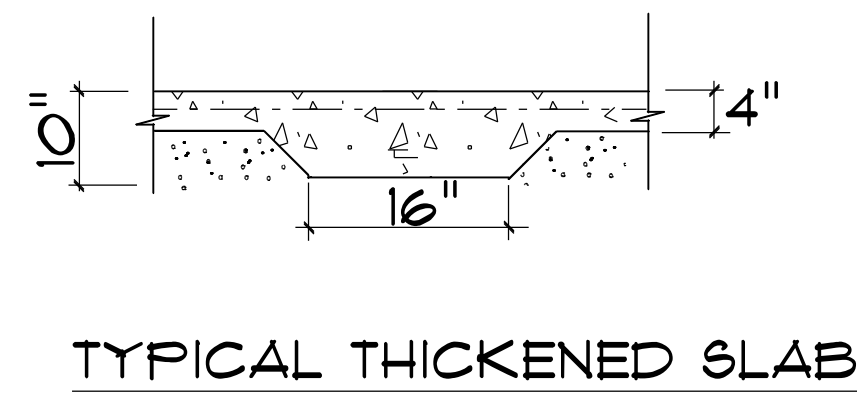
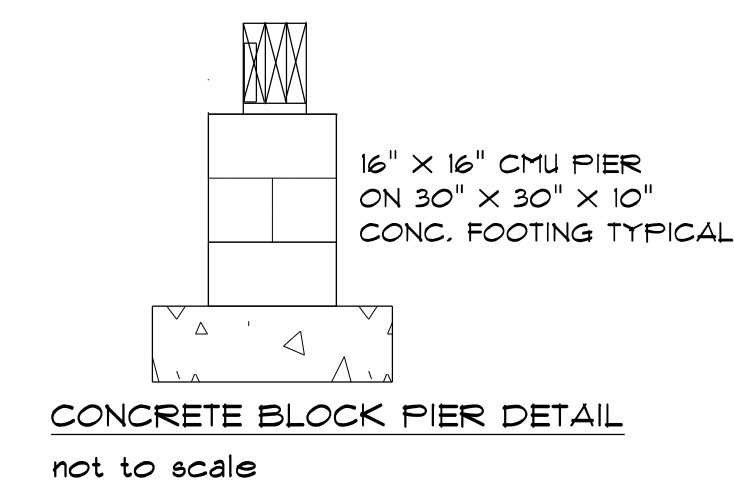
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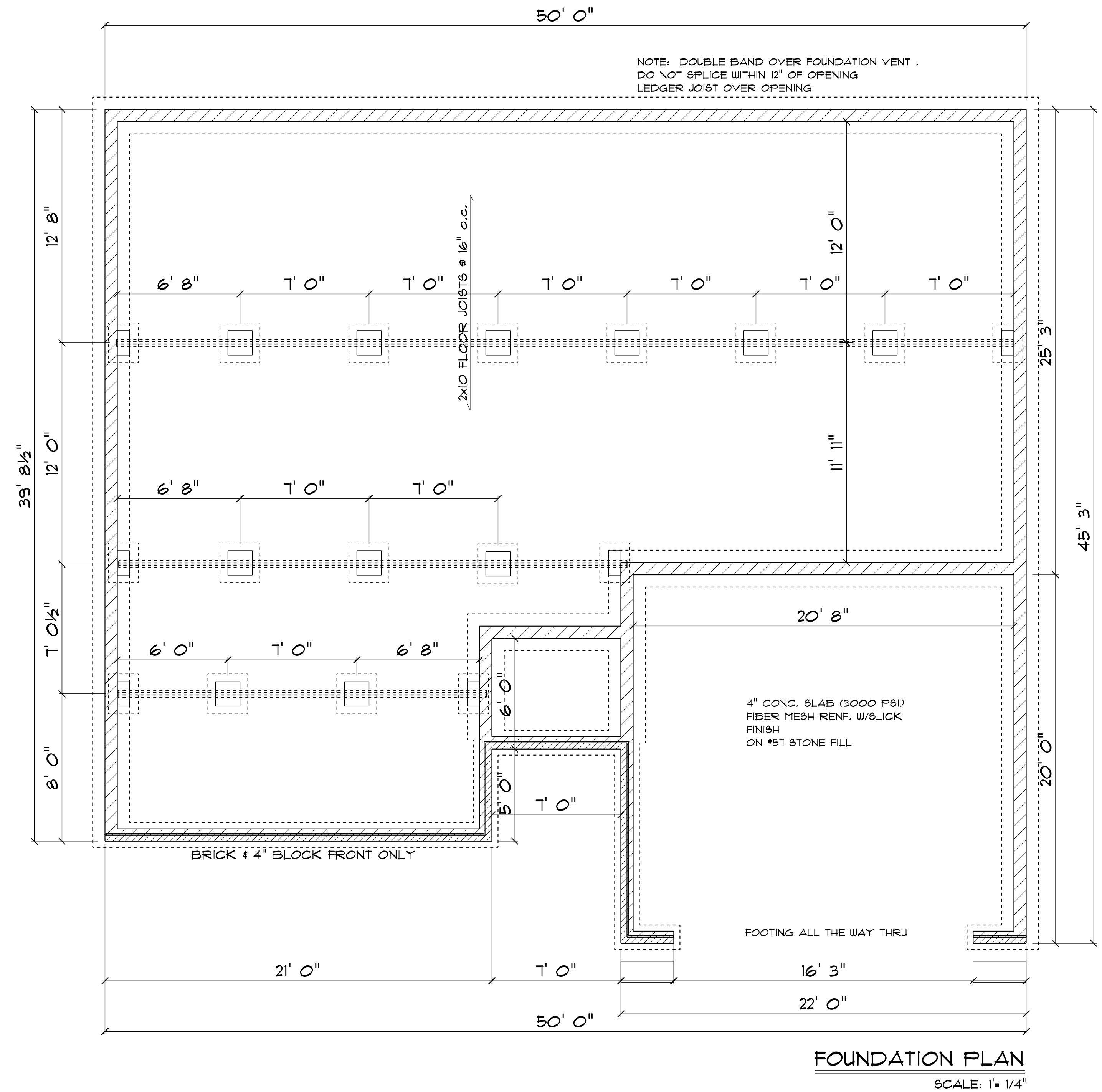
TYPICAL WALL: 8" BLOCK W/ 1/2" X 10" FOOTING  
 3- 2 X 10'S GIRDER  
 2 X 10'S 16" OC JOIST

FOUNDATION NOTES:  
 ALL FOOTINGS SHALL BEAR ON ORIGINAL UNDISTURBED SOIL.  
 THE 28 DAY COMPRESSIVE STRENGTH OF ALL FOOTINGS IS 3000 PSI  
 PROVIDE WATER PROOFING AND PERIMETER DRAINS AS REQUIRED.  
 FOUNDATION CONCRETE MIX TO HAVE 1-1/2" MAX AGGREGATE SIZE. CONCRETE FILL MIX TO HAVE 1/2" MAX AGGREGATE SIZE.  
 FOOTING WIDTHS ARE BASED ON A LOAD-BEARING SOIL CAPACITY OF 2000 PSI.  
 PROVIDE 6 MIL POLY VAPOR BARRIER TO COVER GROUND SURFACE IN CRAWL SPACE  
 ALL ANCHOR BOLTS TO BE 12" LONG, 1/2" DIA. A36 UNO ANCHOR BOLTS SHALL BE SPACE AT A MAX OF 6' OC AND NO MORE THAN 1' FROM EA CORNER.

Termite Soil Treatment: Treat entire slab area soil or crawl space surface before vapor barrier is installed and slab is poured with a state approved termiticide. Termiticide should be applied by a licensed and certified pest control professional by the state of North Carolina.



Footing & Foundation Detail  
 not to scale



**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" ON AN USE 3-16d NAILS 2" IN AT EACH END. DOUBLE ALL STUDS UNDER ROOF POST DOWNS UNO.

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

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

PROVIDE WATERPROOFING AND DRAINS AS REQUIRED.

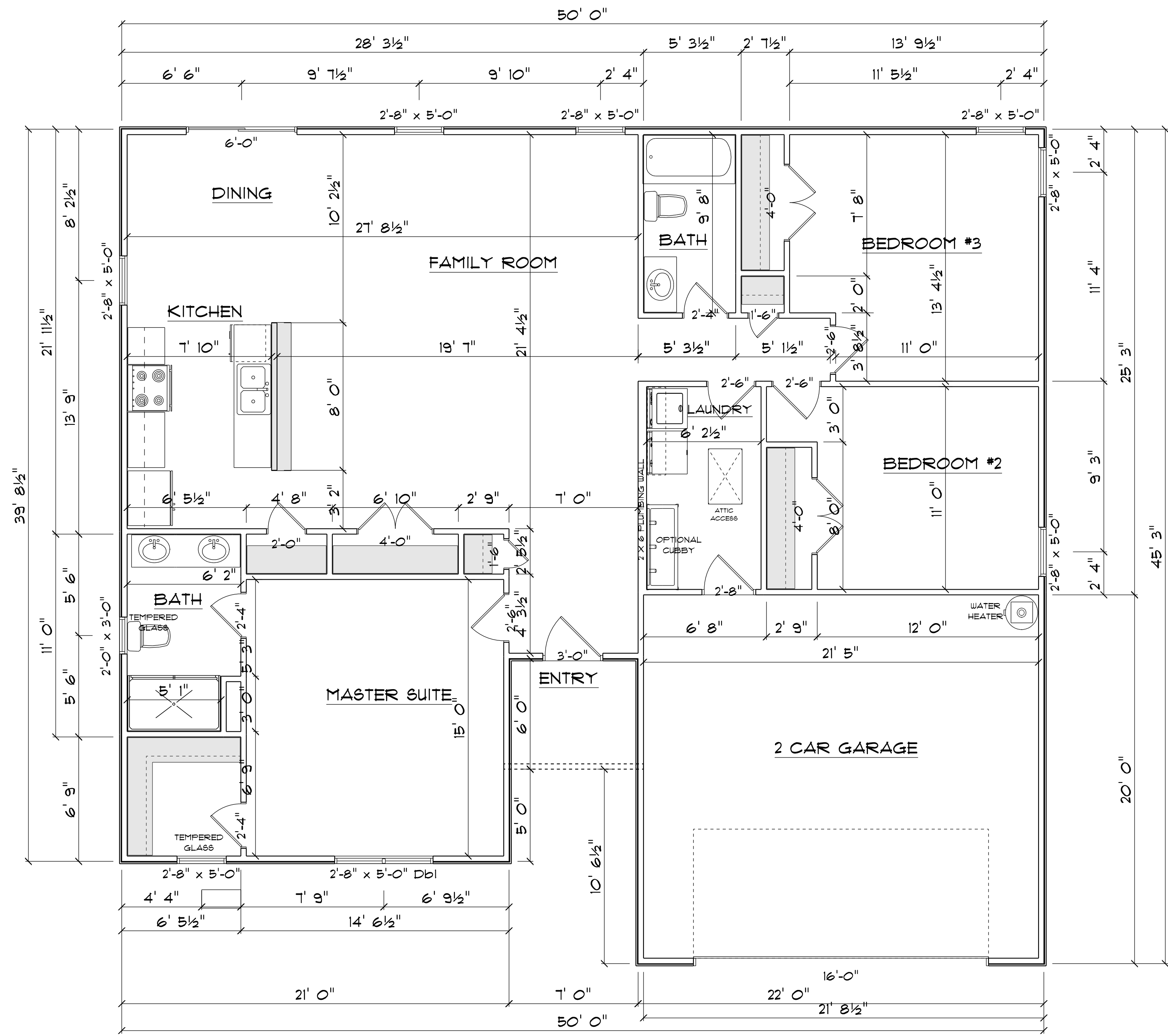
ALL FRAMING TO BE 16" OC UNO. WALL FRAMING DIMENSIONS ARE BASED ON 2 X 4 STUDS UNO, DOUBLE STUDS UNDER ALL HEADERS.

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

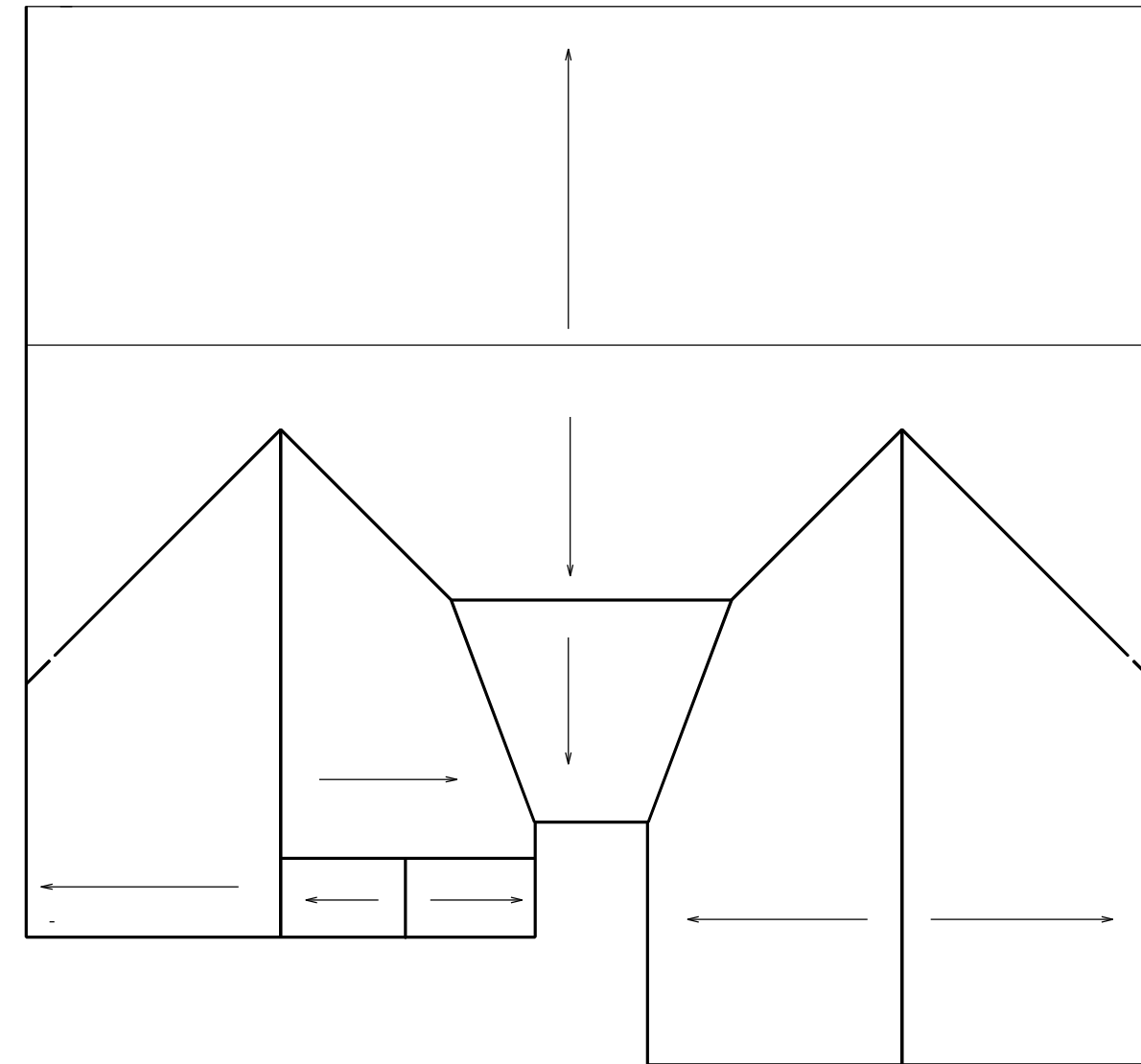
EXTERIOR WALLS IN LIVING AREAS ARE 2 X 4

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OPENING SCHEDULE				
PRODUCT CODE	SIZE	HINGE COUNT	R.O. WIDTH	R.O. HEIGHT
6'-0" X 6'-8" SLIDING DOOR	6'-0"	NN 1	72"	80-1/2"
2'-8" X 5'-0" SINGLE HUNG WINDOW	2'-8" x 5'-0"	N 7	32"	60-1/2"
2'-8" X 5'-0" SINGLE HUNG DBL WINDOW	2'-8" x 5'-0" Dbl	NN 1	64-1/2"	60-1/2"
2'-0" X 3'-0" SINGLE HUNG WINDOW	2'-0" x 3'-0"	N 1	24"	36"



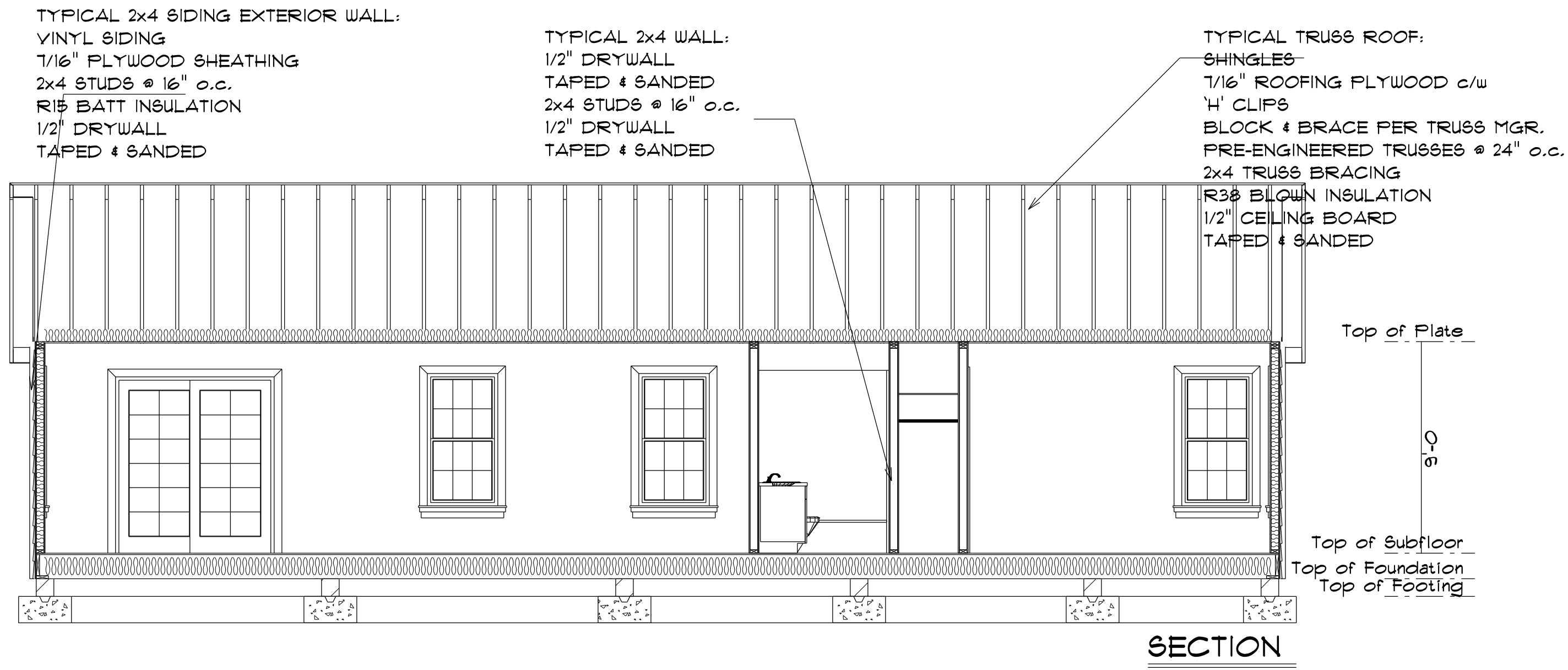
**FLOOR PLAN**  
SCALE: 1" = 1/4"



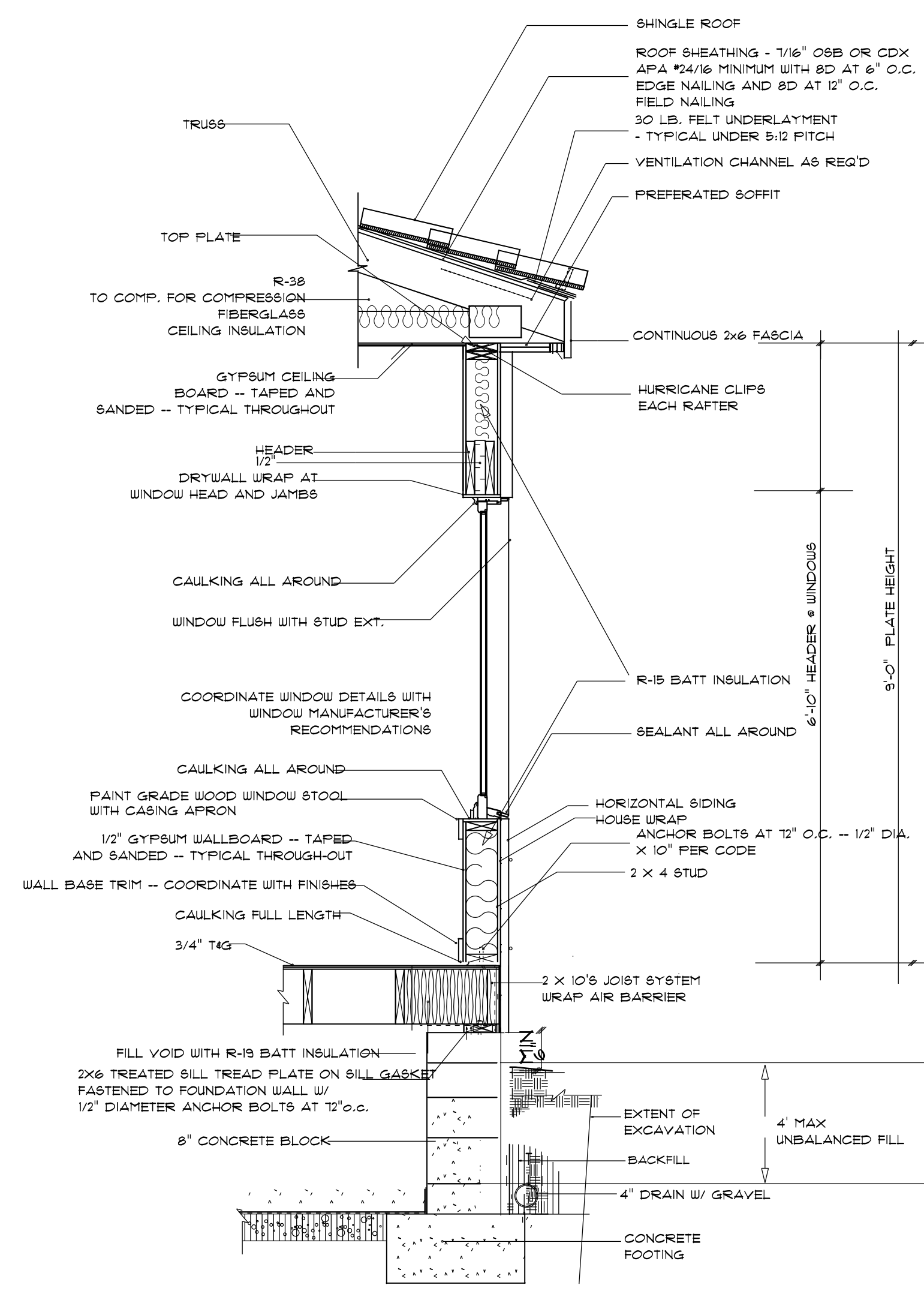
ROOF PLAN  
SCALE: 1" = 1/8"

12" OH ALL  
8/12 PITCH ALL  
3/12 SHED ROOF

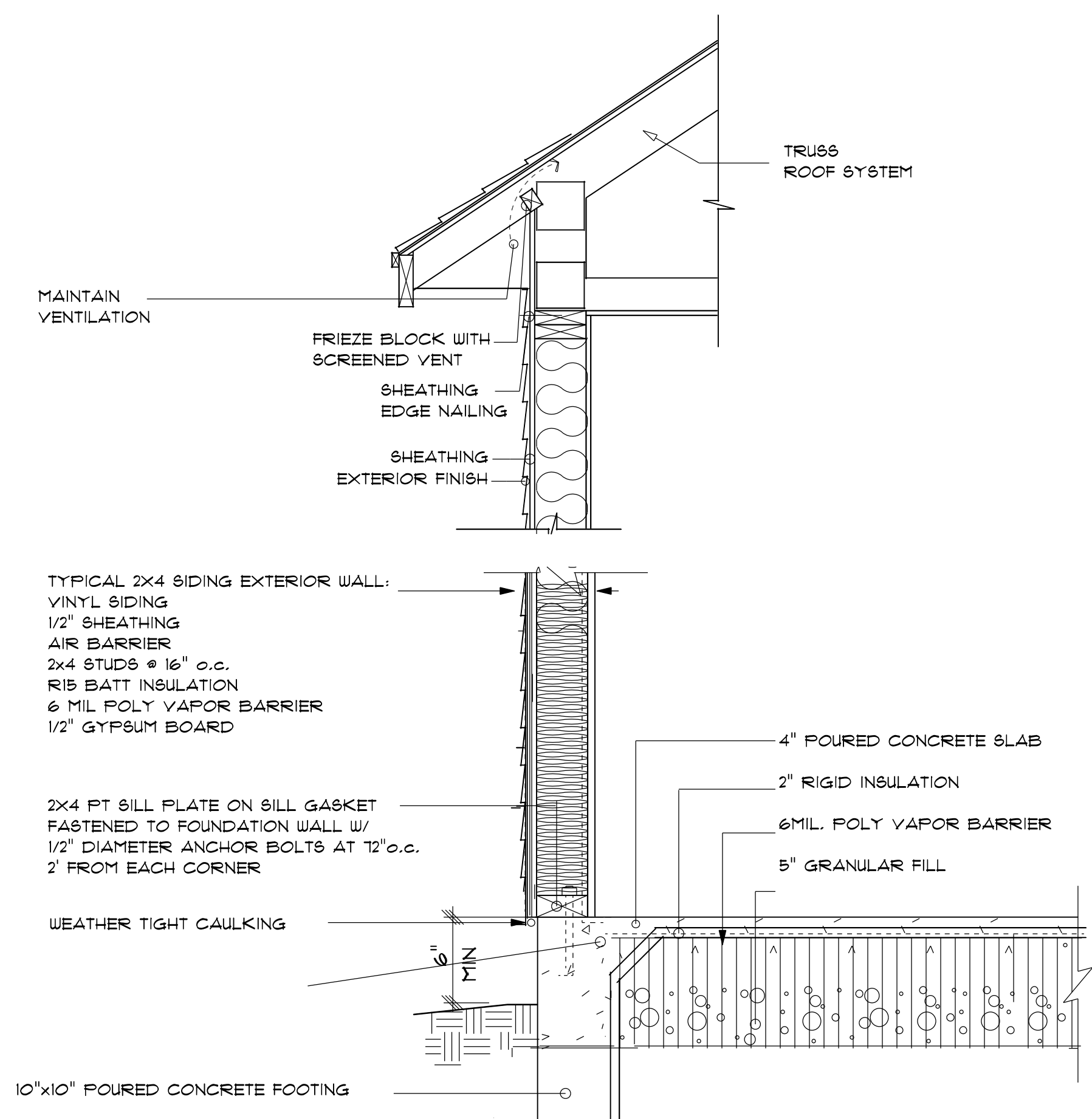
**ROOF NOTES:**  
TRUSSES, BRACINGS, BRIDGING AND CONNECTORS ARE TO BE DESIGNED BY THE TRUSS MANUFACTURER.  
IDENTIFY LUMBER BY OFFICIAL GRADE MARKINGS.  
DO NOT CUT OR REMOVE CHORDS OR OTHER TRUSS MEMBERS.  
DO NOT NOTCH OR DRILL TRUSS MEMBERS.  
WHERE PRE-ENGINEERED ROOF TRUSSES ARE USED, TRUSS MANUFACTURER SHALL PROVIDE SHOP DRAWINGS, WHICH BEAR SEAL OF A N. C. REGISTERED ENGINEER.



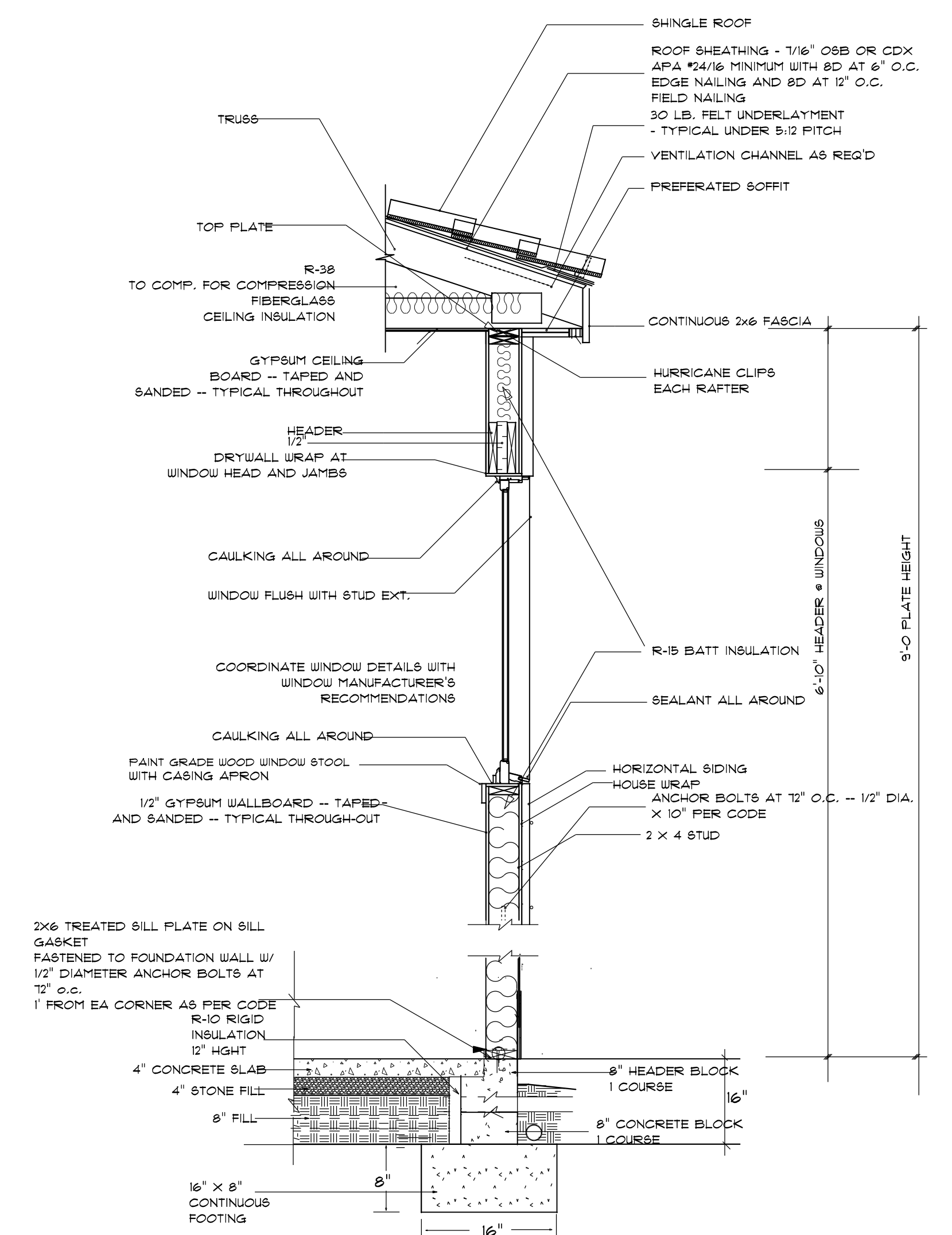
SECTION






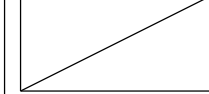



2x4 WITH 8" BLOCK FOUNDATION  
not to scale



2x4/SIDING SLAB ON GRADE  
not to scale



2x4 WITH 8" BLOCK STEM WALL FOUNDATION  
not to scale

ELECTRICAL LEGEND		
ELECTRICAL	COUNT	SYMBOL
ceiling fan 4 bladed	4	
recessed light	7	
ceiling light	5	
fluorescent light 2 x 4	2	
exterior light	3	
spotlight double	2	
vanity bar light O2	3	
fluorescent light 1 x 2	1	