

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.

08/28/2024




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 HGT 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.

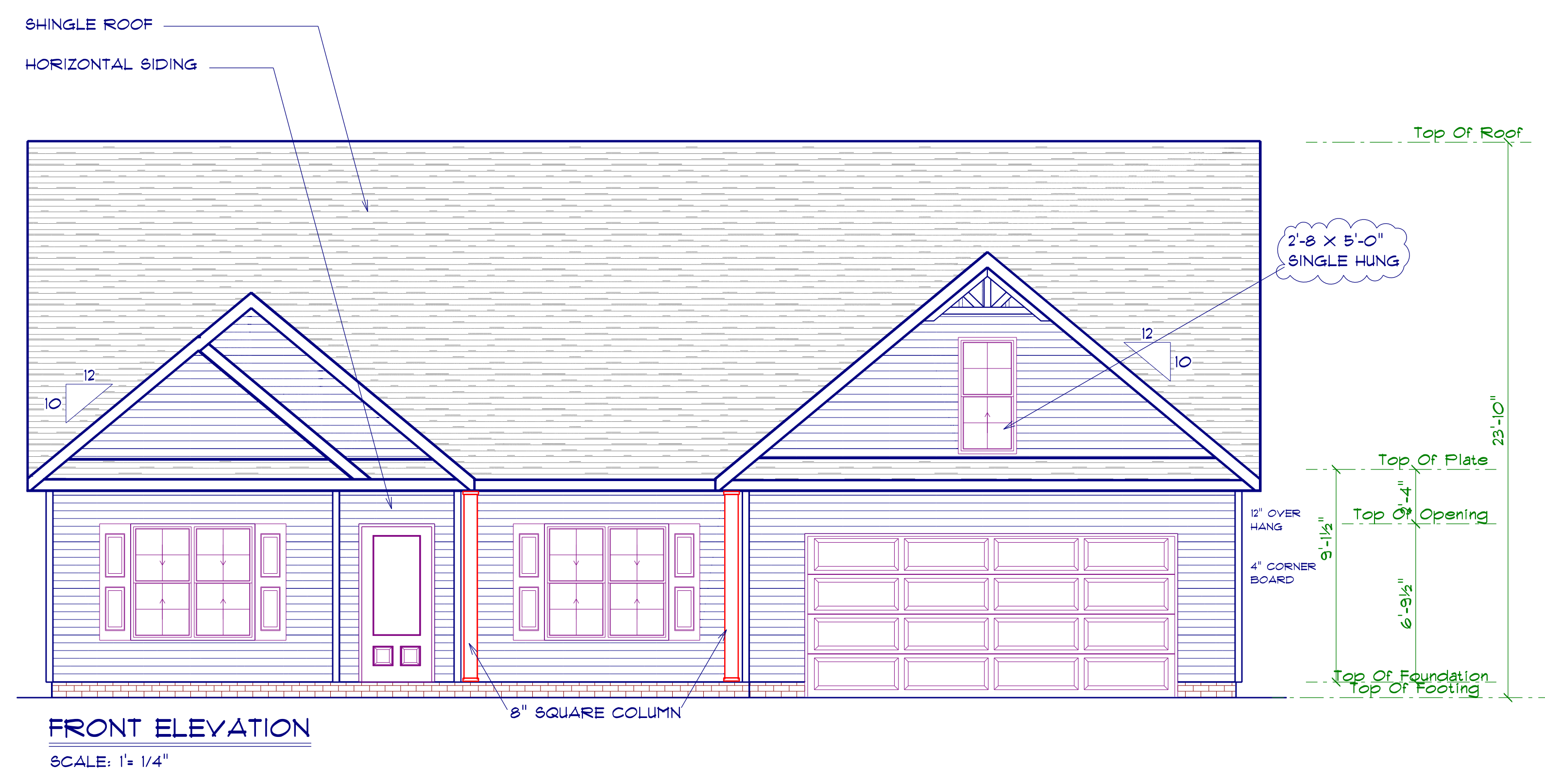
PORCHES, BALCONIES, OR RAISED FLOOR SURFACES LOCATED MORE THAN 30" ABOVE THE FLOOR OR GRADE BELOW SHALL HAVE GUARDRAILS NOT LESS THAN 32" IN HEIGHT.

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.

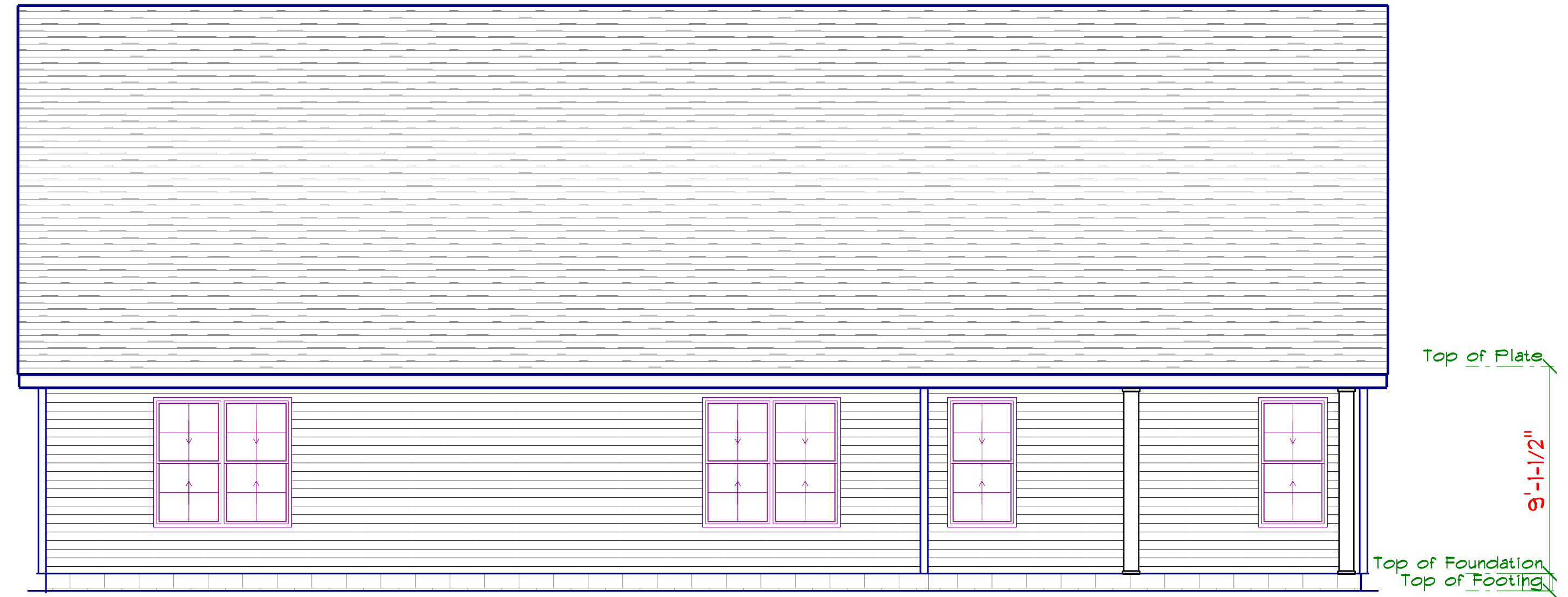
1.1 This plan has been drawn to comply with the 2018 NC Building Code

- 1.2 Minimum Design Loads for Building and Other Structures ASCE 7-95B
- 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_w 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

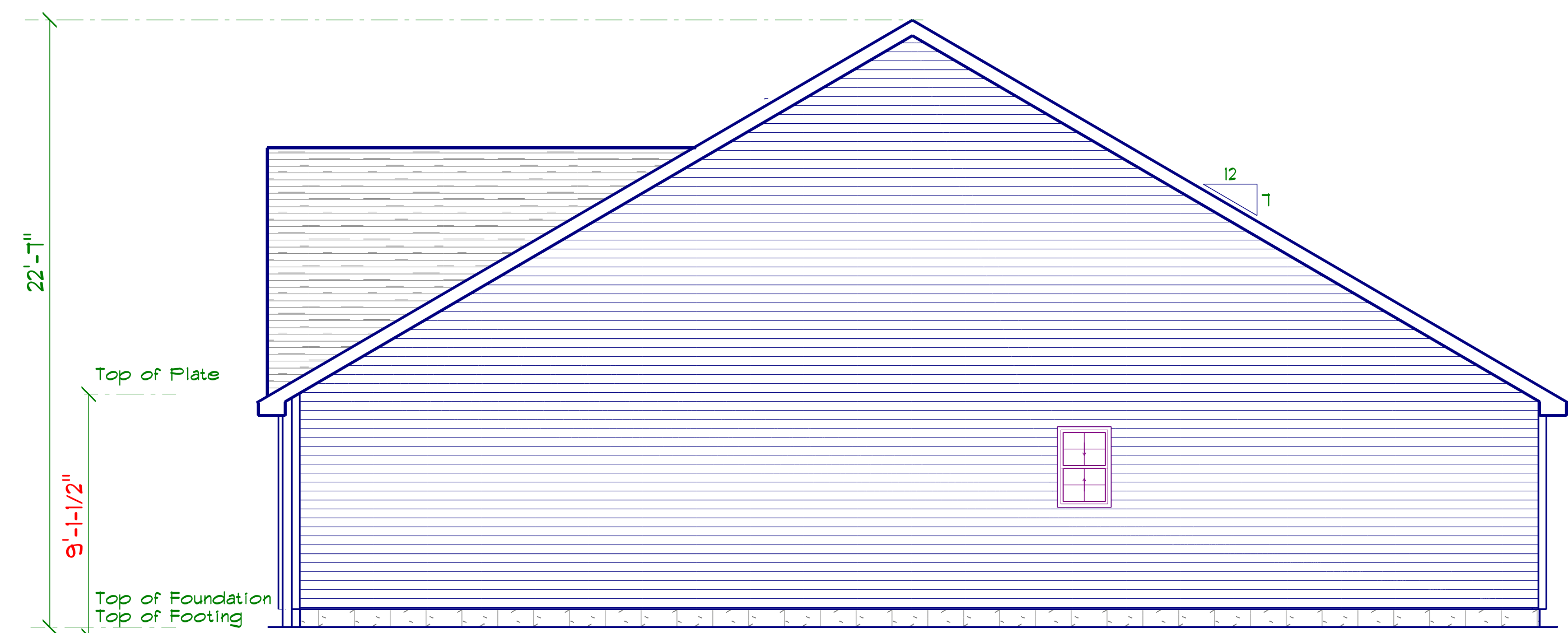
It is the sole responsibility of the Contractor and/or Builder to conform to all standards, provisions, requirements, methods of construction and uses of materials provided in buildings and/or structures as required by NC Uniform Building Code, Local Agencies and in accordance with good engineering practices.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



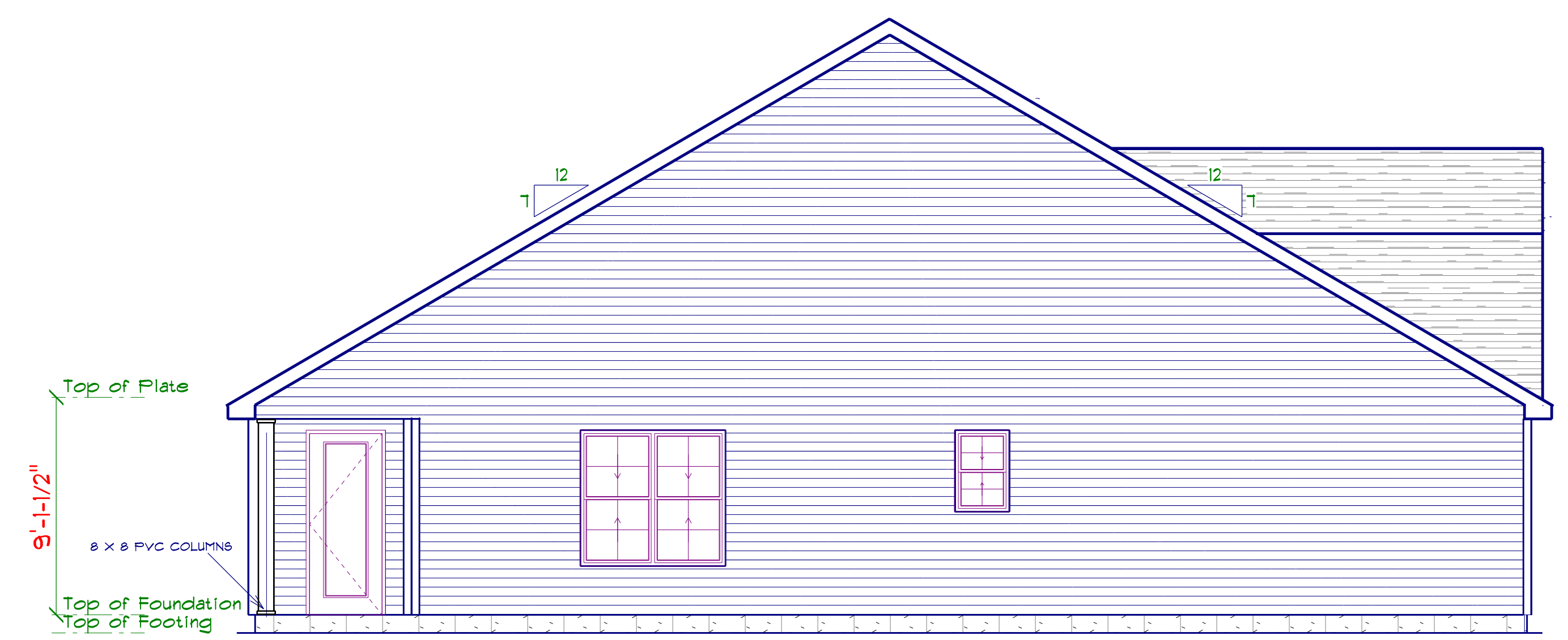
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REAR ELEVATION
SCALE: 1" = 1/4"

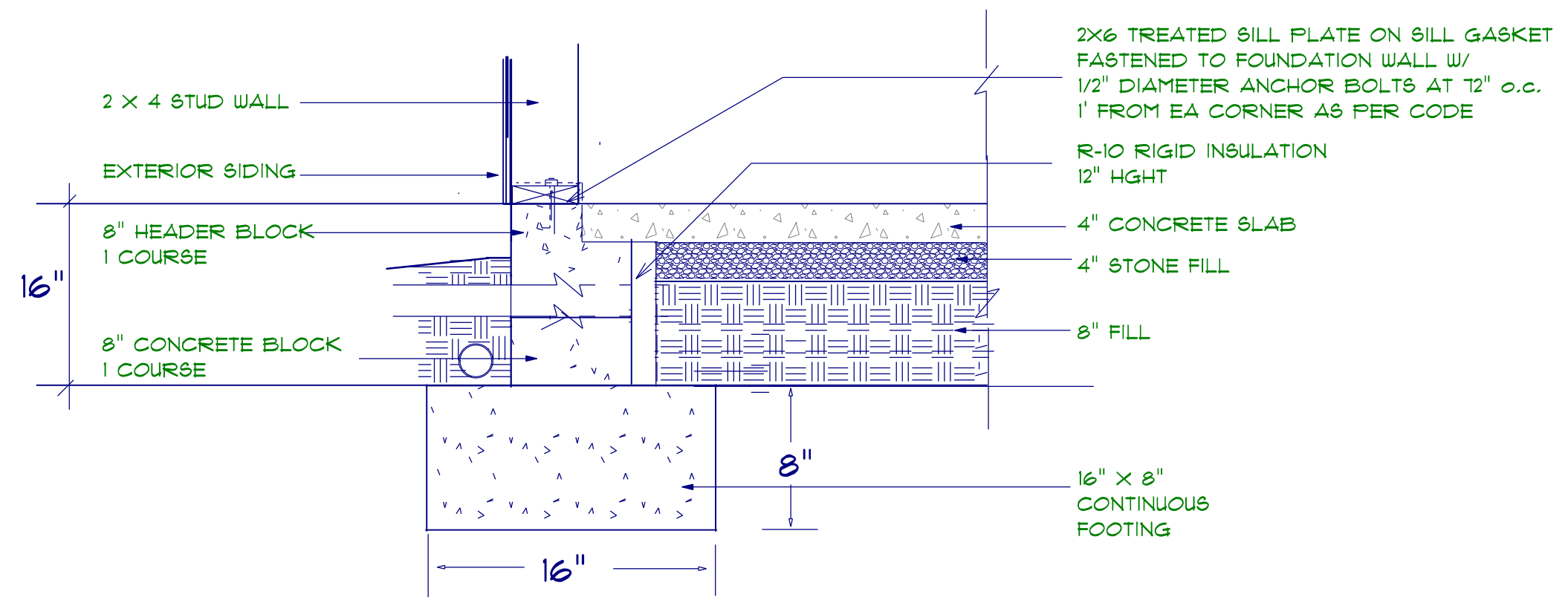


RIGHT ELEVATION
SCALE: 1" = 1/4"

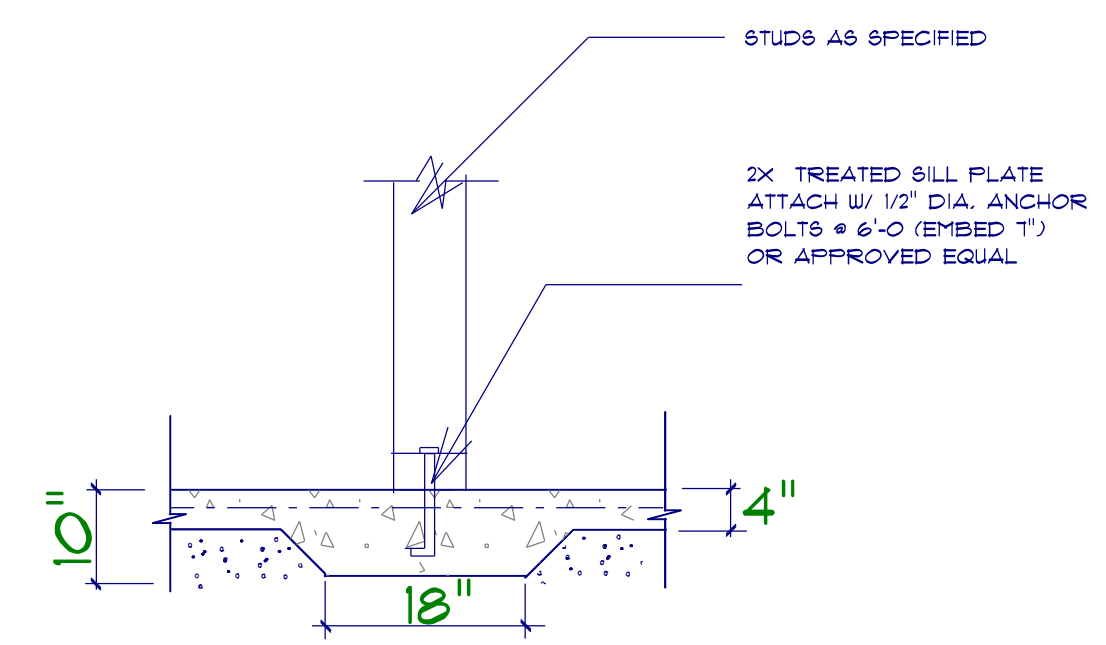


LEFT ELEVATION
SCALE: 1" = 1/4"

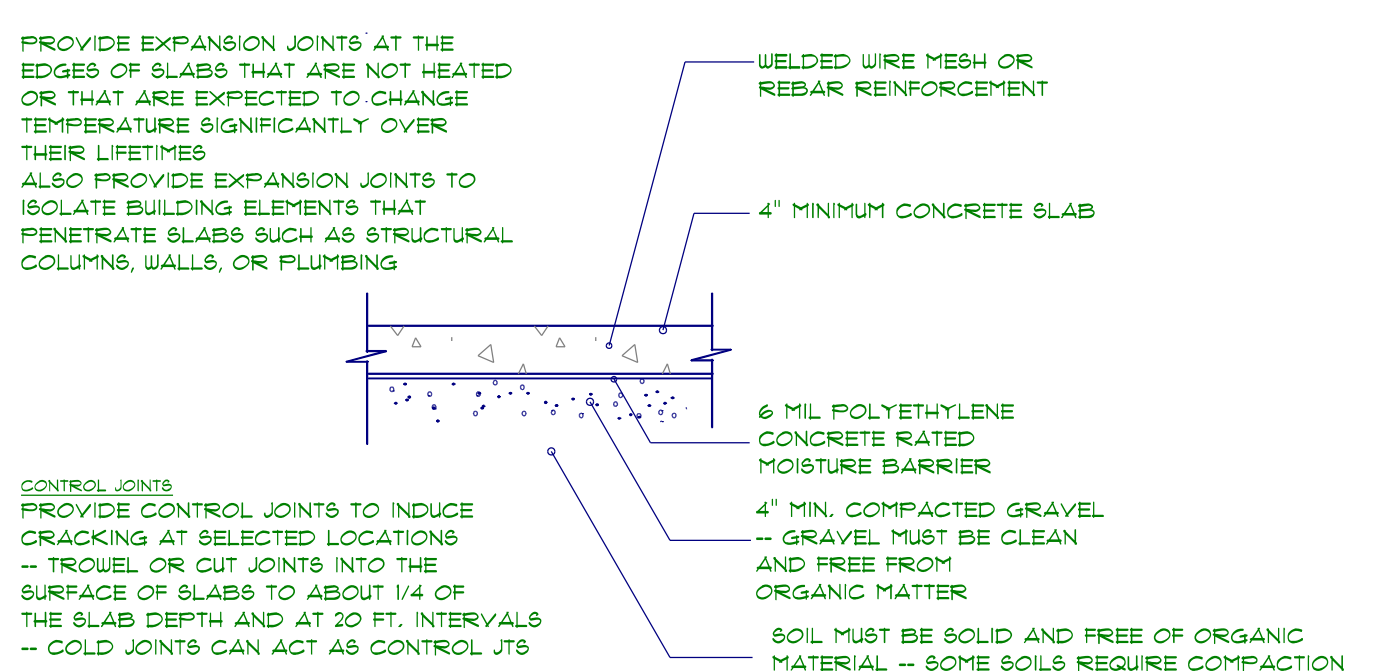
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STEM WALL FOUNDATION Detail not to scale



TYPICAL THICKENED SLAB



CONCRETE SLAB DETAILS / NOTES

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.

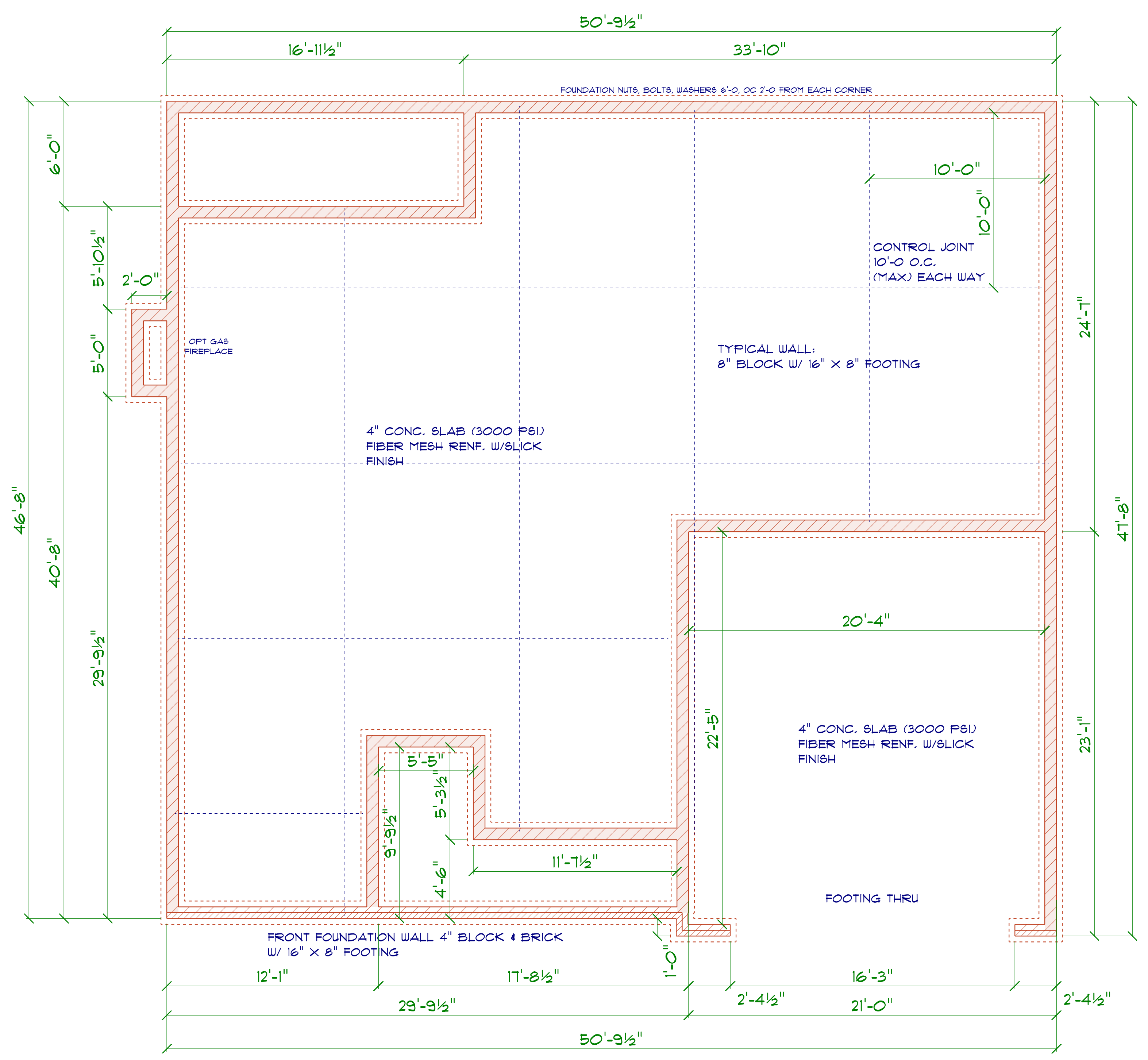
FOUNDATION CONCRETE MIX TO HAVE 1/2" MAX AGGREGATE SIZE. CONCRETE FILL MIX TO HAVE 1/2" MAX AGGREGATE SIZE.

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. AS6 UNO ANCHOR BOLTS SHALL BE SPACE AT A MAX OF 6' O.C 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.



FOUNDATION PLAN

SCALE: 1" = 1/4"

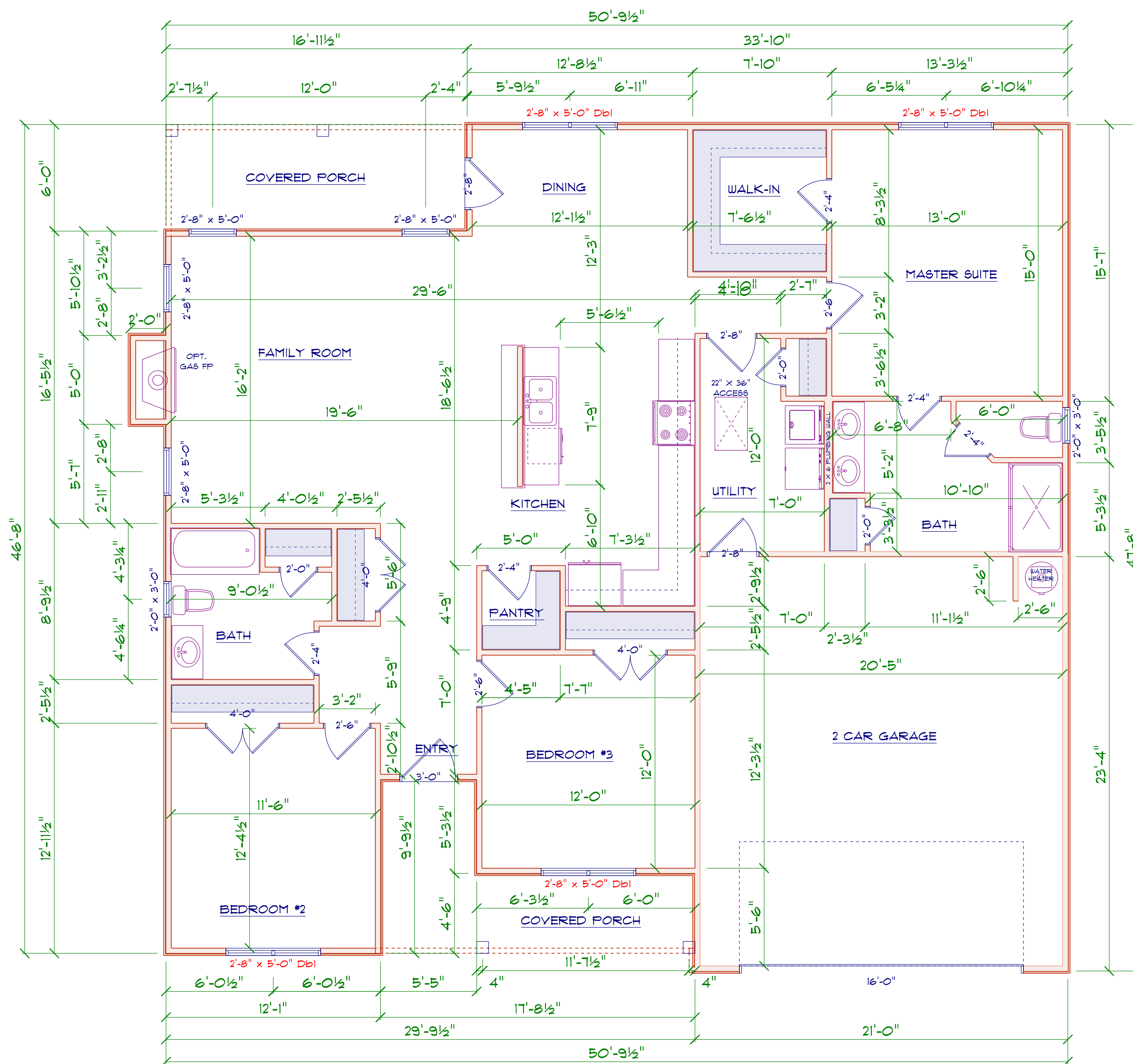
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SIZE	COUNT	LIBRARY NAME	R.O. WIDTH	R.O. HEIGHT
2'-8" x 5'-0"	3	Window\Single Hung	32"	60-1/2"
2'-8" x 5'-0" Dbl	5	Window\Single Hung	64-1/2"	60-1/2"
2'-0" x 3'-0"	2	Window\Single Hung	24"	36"
2'-4" x 3'-0"	1	Window\Single Hung	28"	36"

GENERAL FRAMING NOTES:
 ALL LUMBER IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESSURE TREATED.
 FRAMING LUMBER SHALL BE 8YF #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 SILL 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 TJI'S TO BE SIZED BY OTHERS
 EXTERIOR WALLS IN LIVING AREAS ARE 2 X 4

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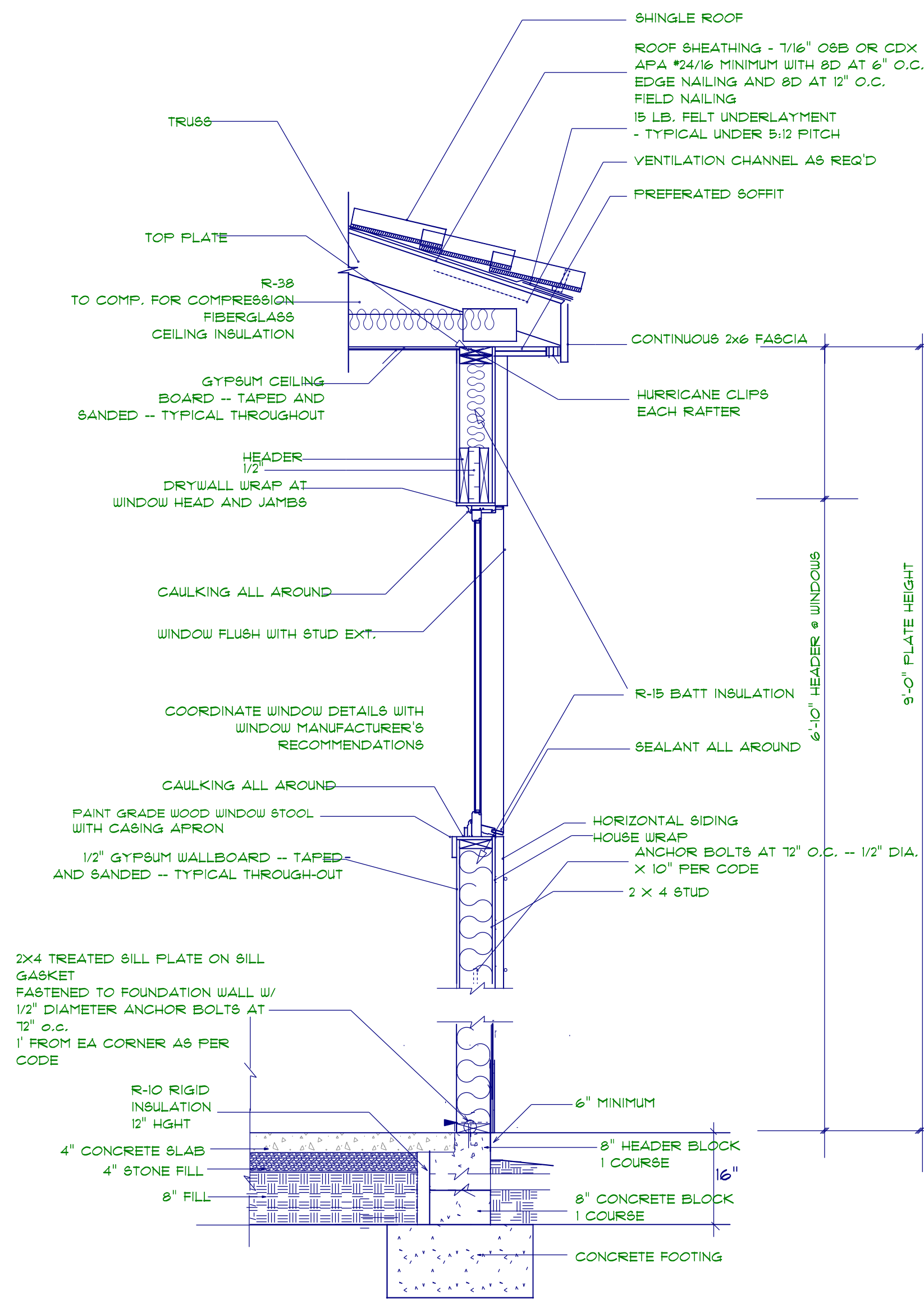
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FLOOR PLAN

SCALE: 1" = 1/4"

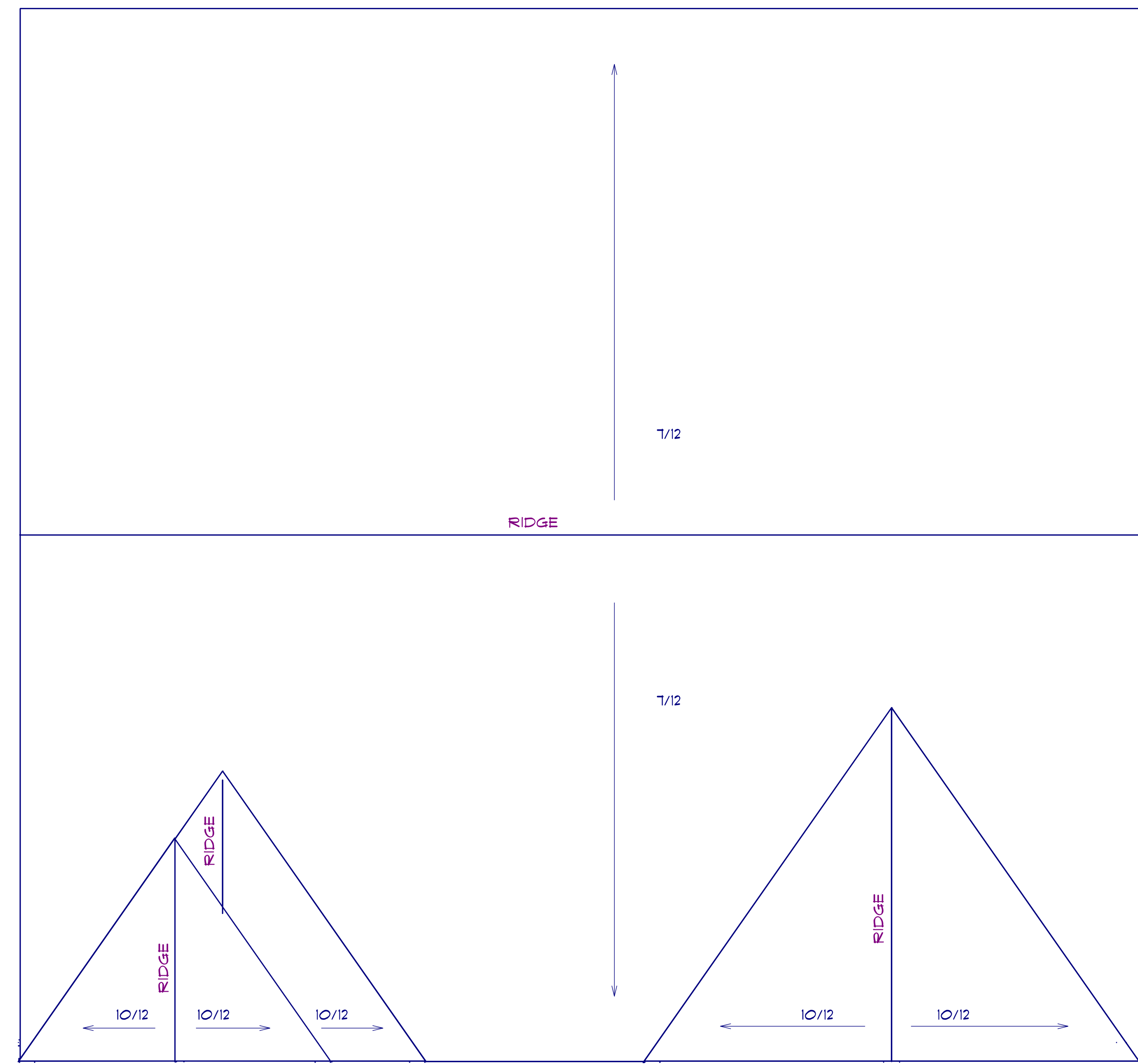
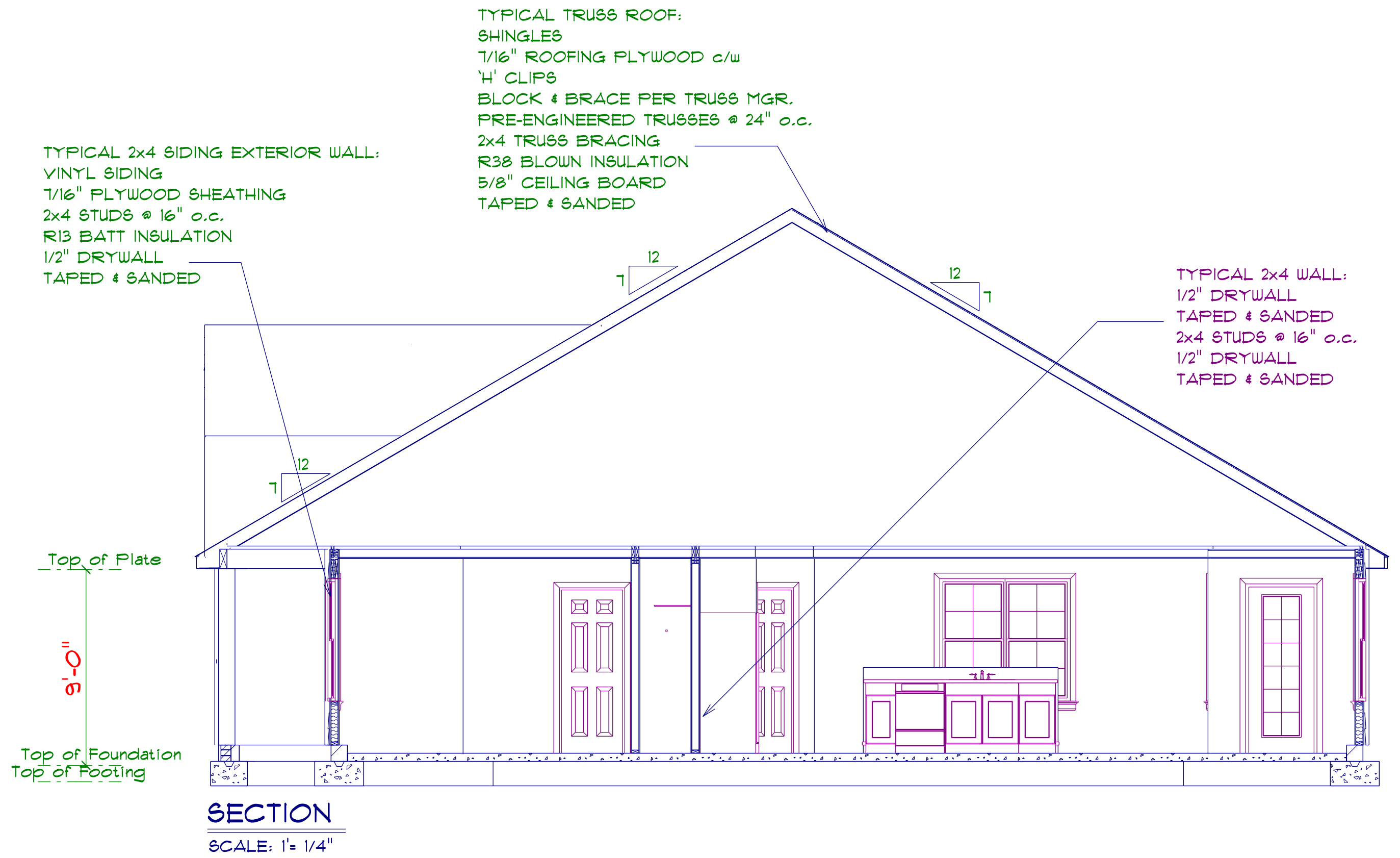
AREA SCHEDULE	
NAME	AREA
Heated	1717.1 sq. ft.
Garage	489.2 sq. ft.
Covered Front Porch	103.2 sq. ft.
Covered Rear Porch	101.8 sq. ft.

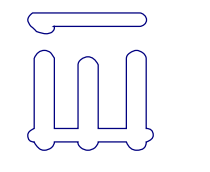


STEM WALL FOUNDATION DETAIL
 not to scale

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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.





Diane Rivers Design
 6205 Mockingbird Lane
 Sanford, N.C. 27332
 919-710-0953
 dr@dianeriversdesign.net

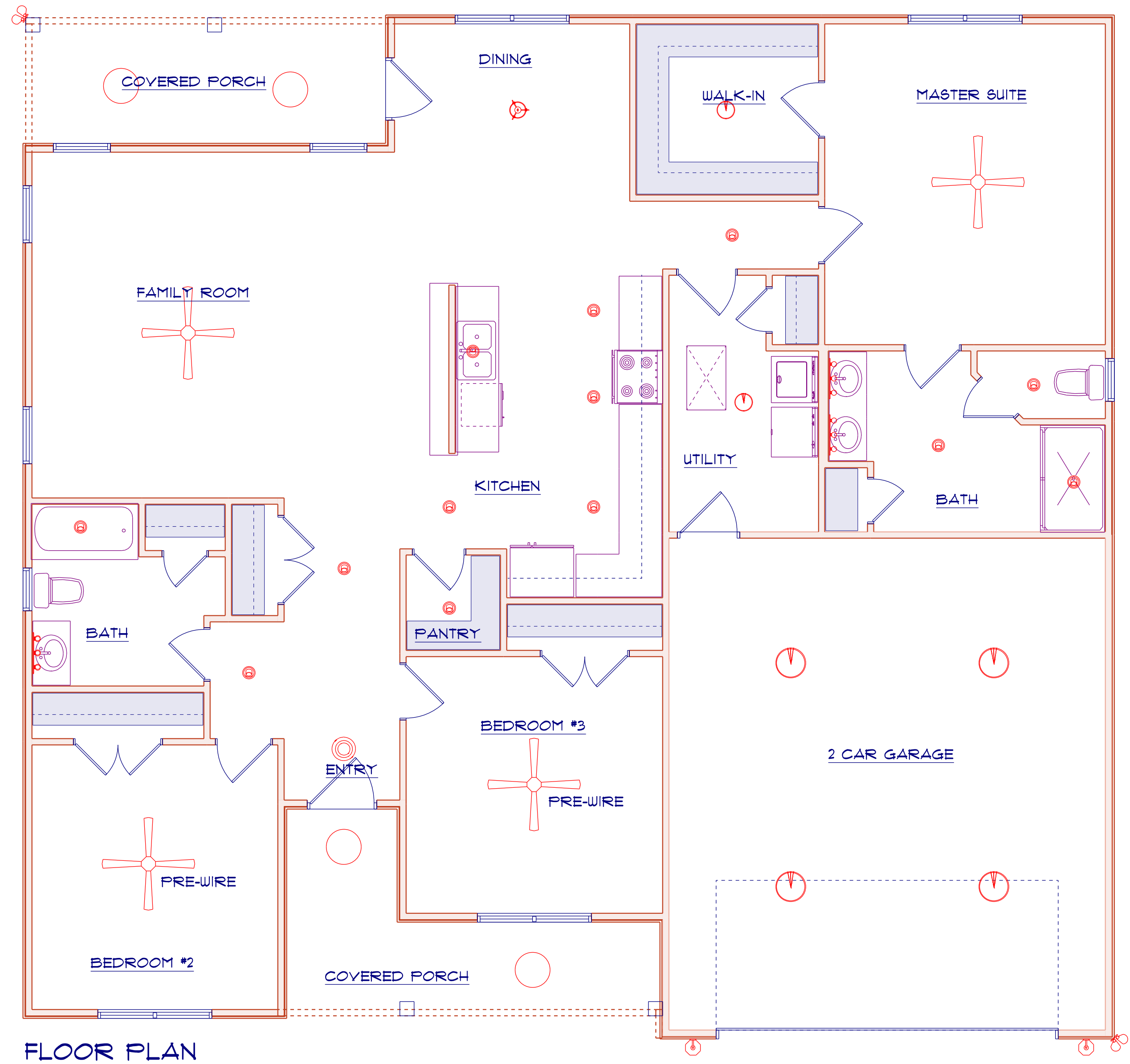
SCALE: 1" = 1/4"
 DRAWN BY:
 DATE: 5/1/2023

LAMCO HOMES

THE MANDI
 RIGHT GARAGE

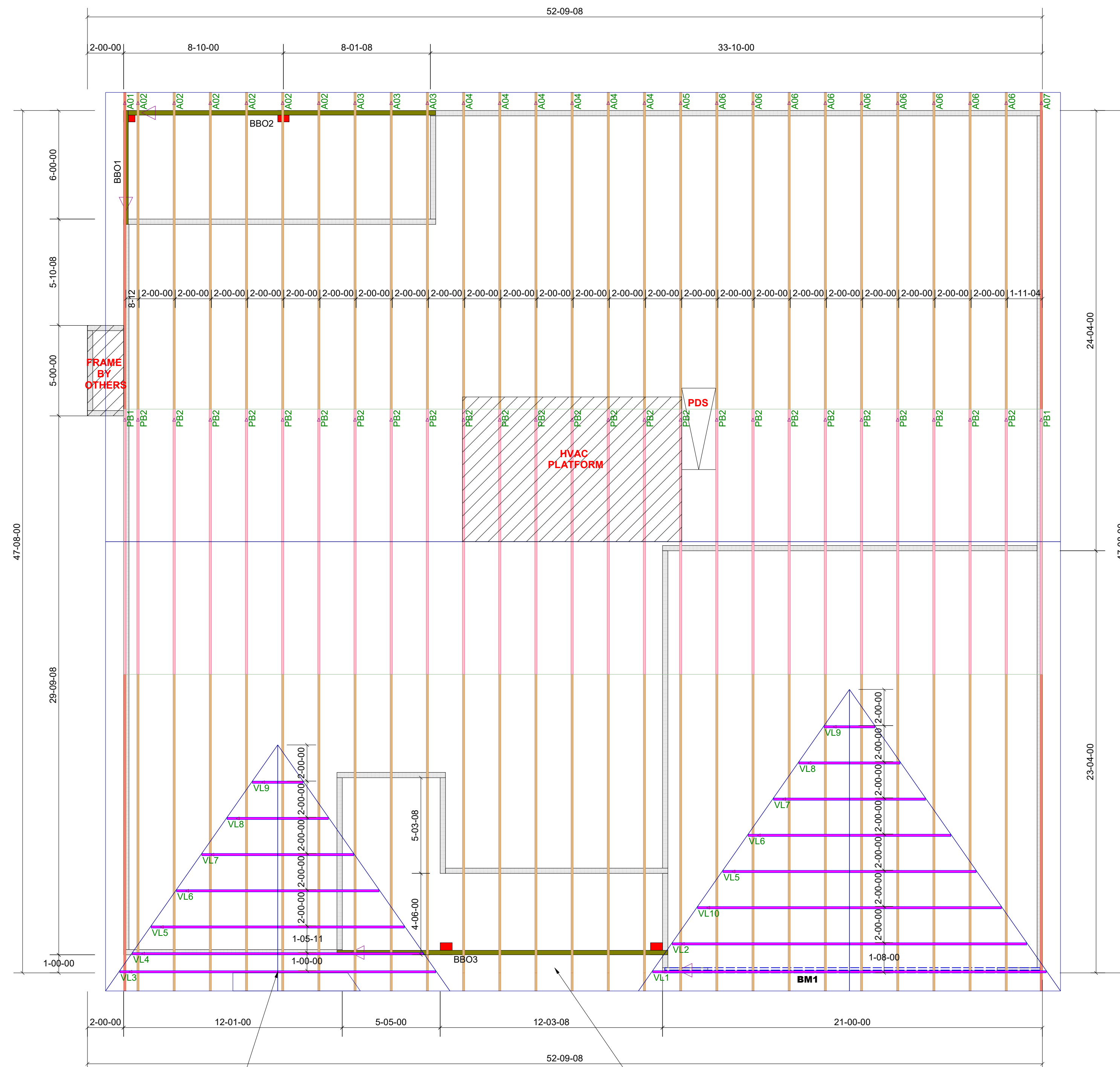
ELECTRICAL
 LAYOUT

ELECTRICAL LEGEND		
ELECTRICAL	COUNT	SYMBOL
ceiling fan 4 bladed 01	2	
foyer light	1	
10" led light	8	
7" led disc	13	
out door over head	4	
ceiling light 19		
4' fluorescent light		
outdoor carriage light	2	
flood light	2	
vanity light	4	



FLOOR PLAN

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PLEASE VERIFY THE LOCATION OF VALLEY GABLE TRUSS VL3.

I USED 2x6 HEEL HEIGHT & 12' OVERHANG & 1' CANTILEVER FOR 7/12 ROOF PITCH TO MATCH ELEVATIONS AND ROOF PLAN. PLEASE VERIFY.

PLEASE VERIFY LOCATION HVAC & PDS
 I USED 2x6 HEEL HEIGHT & 12' OVERHANG FOR 7/12 ROOF PITCH TO MATCH ELEVATIONS AND SOFFIT OTHERS. PLEASE VERIFY.

Product	Plies	Net Qty	Fab Type
BMI 22-00-00 2.0 RigidLam DF LVL 1-3/4 x 11-7/8	2	2	FF

Manuf	Product	Qty
Simpson	One H2.5A	40

ROOF TRUSS FRAMING

DRAWING SCALE : NTS



LAMCO
 MANDI C
 ROOF TRUSS PLACEMENT PLAN

REVISIONS	
DATE	BY
11-30-23	TH

PROJECT NUMBER
23110135
 SHEET NUMBER
1 / 1