



Plan Change

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 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.

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 7-98
- 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_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 1/12 34.8 P&F
 - 6.5.2 Roof Slopes 1/12 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.

2'-28" x 28" R.O. 32" x 32" SINGLE HUNG W/4" FRAMED BETWEEN SHED ROOF 3/12 PITCH 12" OH FRAME DORMER FRONT WALL OVER MAIN FRONT WALL OF HOUSE DORMER IS 1-1/2 FT X 5 FT 3/12 ROOF PITCH W/12" OH CENTER DORMER OVER GARAGE DOOR



FRONT ELEVATION

AREA SCHEDULE	
NAME	AREA
Heated Floor Area	1717.1 sq. ft.
Garage	447.3 sq. ft.
Covered Porch	199.2 sq. ft.

FENESTRATION CALCULATIONS

Floor	Height Of Ext. Wall	Area Of Ext. Wall	Ext. Wall
1st			
2nd			
other	8'	1752	1752
1752	Total Sq. Ft. of Exterior Walls		

Total Fenestration	Total Exterior Walls	Percentage of wall openings
246 sq. ft.	1752	15%

Above Grade Walls Surrounding Heated Space



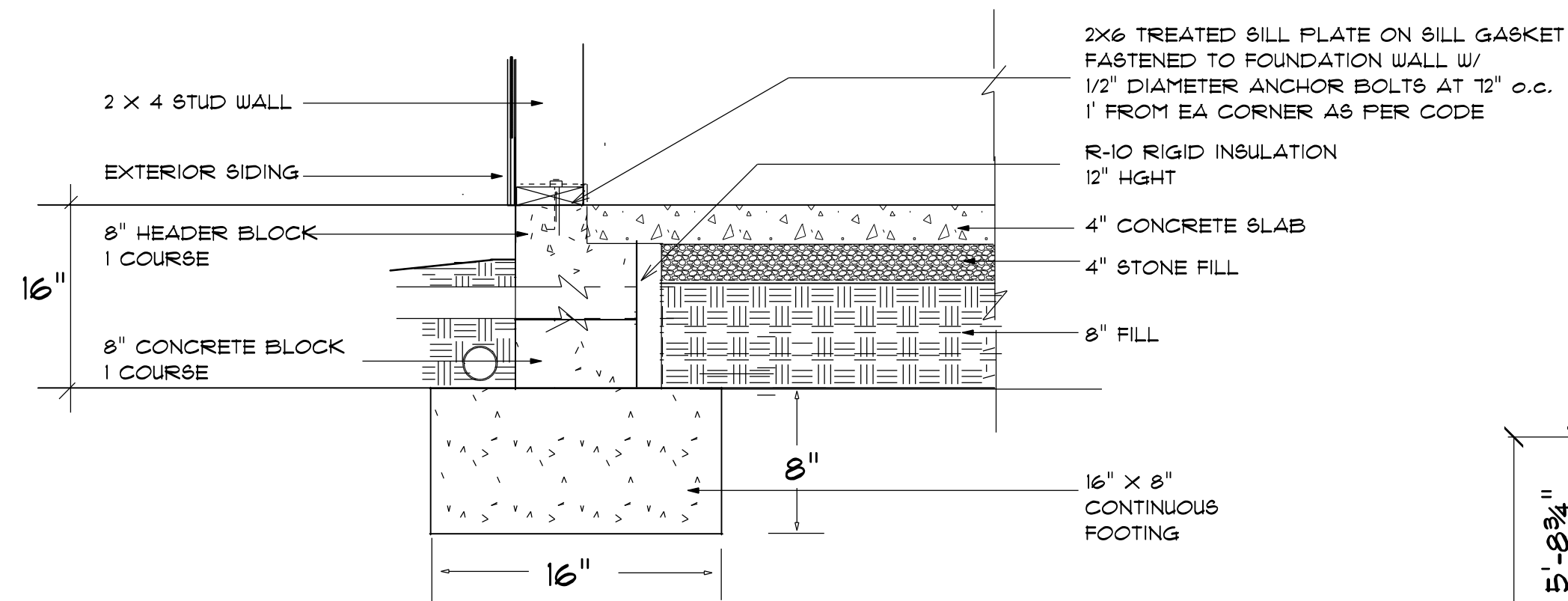
LEFT ELEVATION
SCALE: 1/4" = 1'



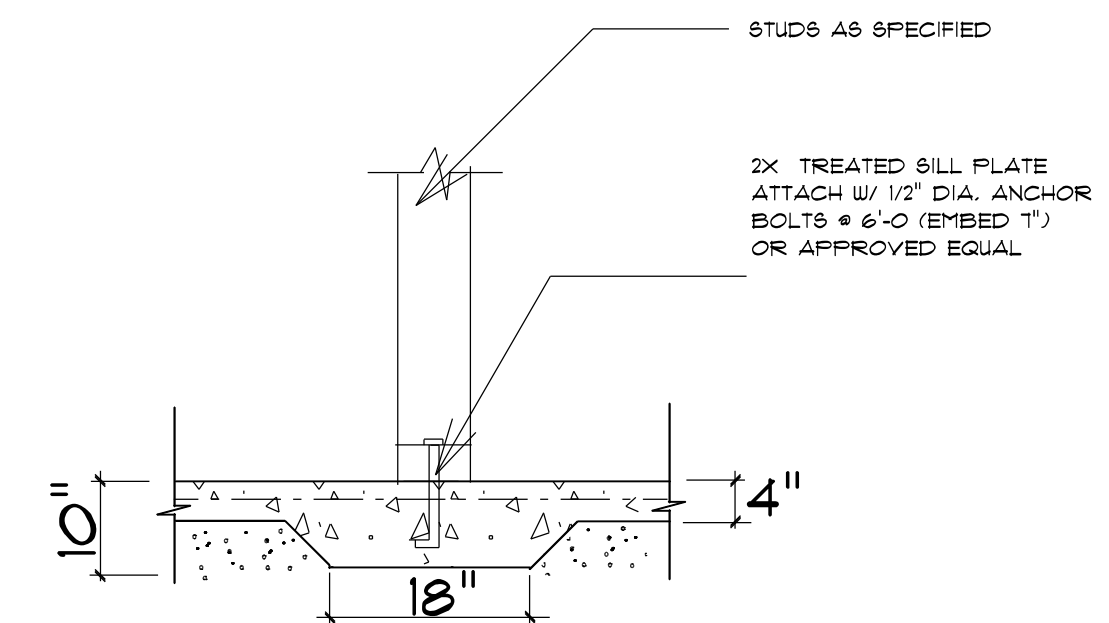
REAR ELEVATION
SCALE: 1/4" = 1'



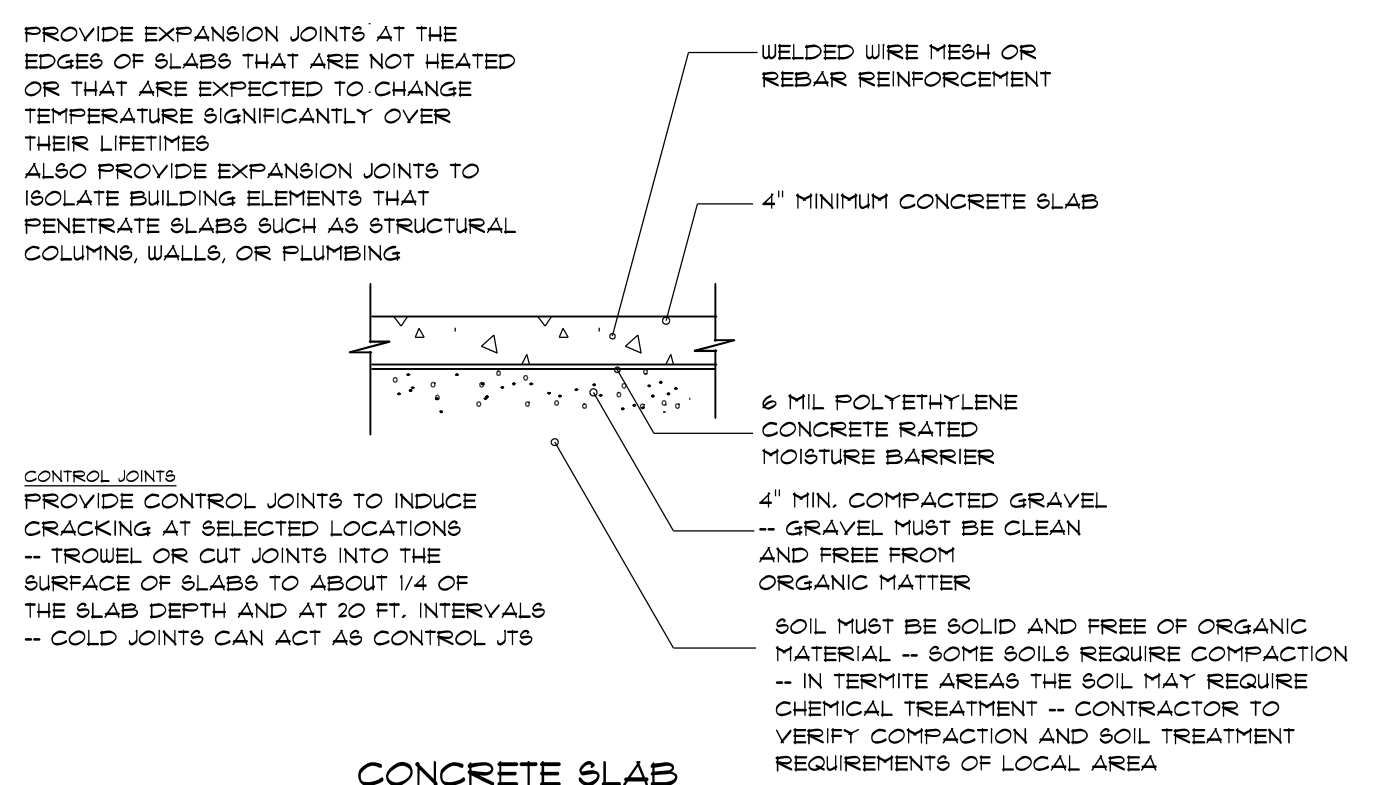
RIGHT ELEVATION
SCALE: 1/4" = 1'



STEM WALL FOUNDATION Detail not to scale

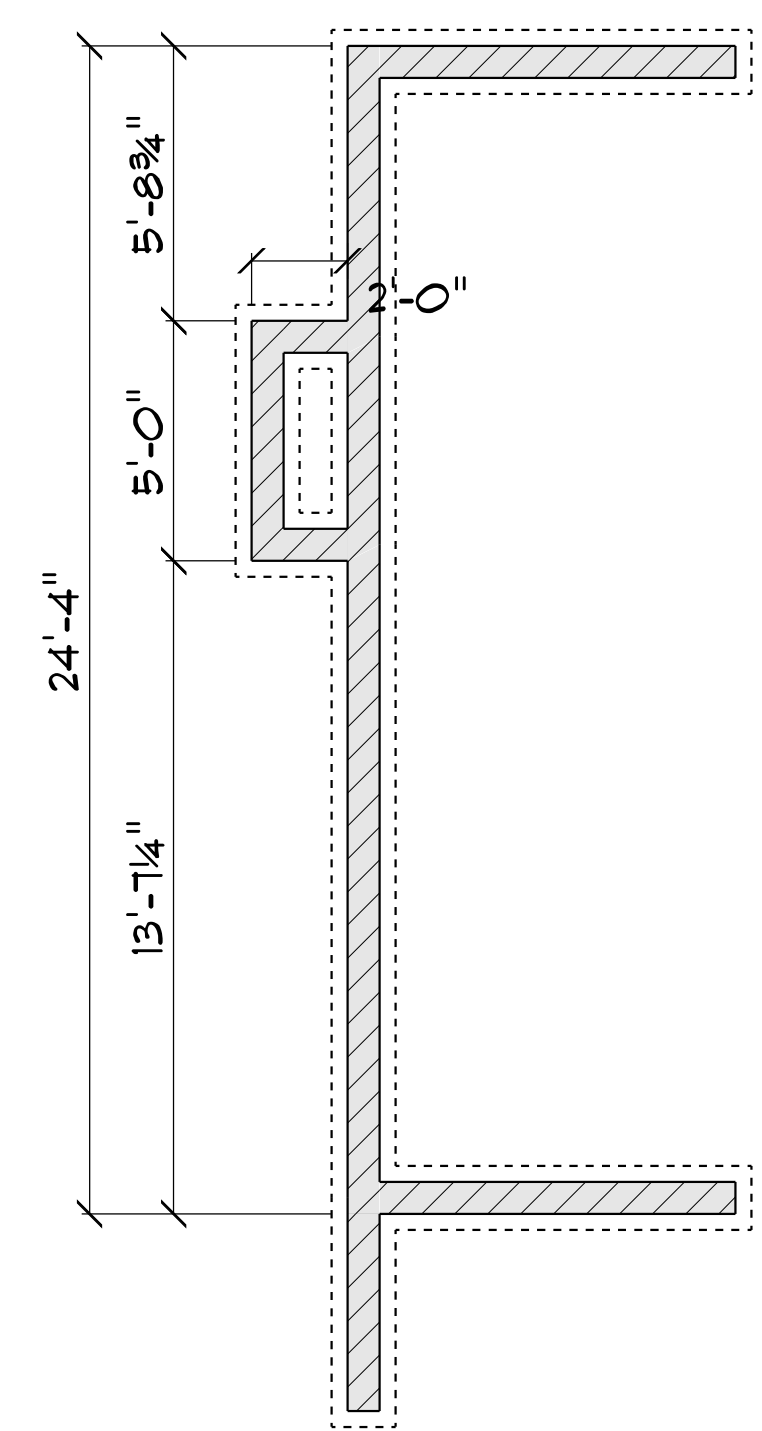


TYPICAL THICKENED SLAB

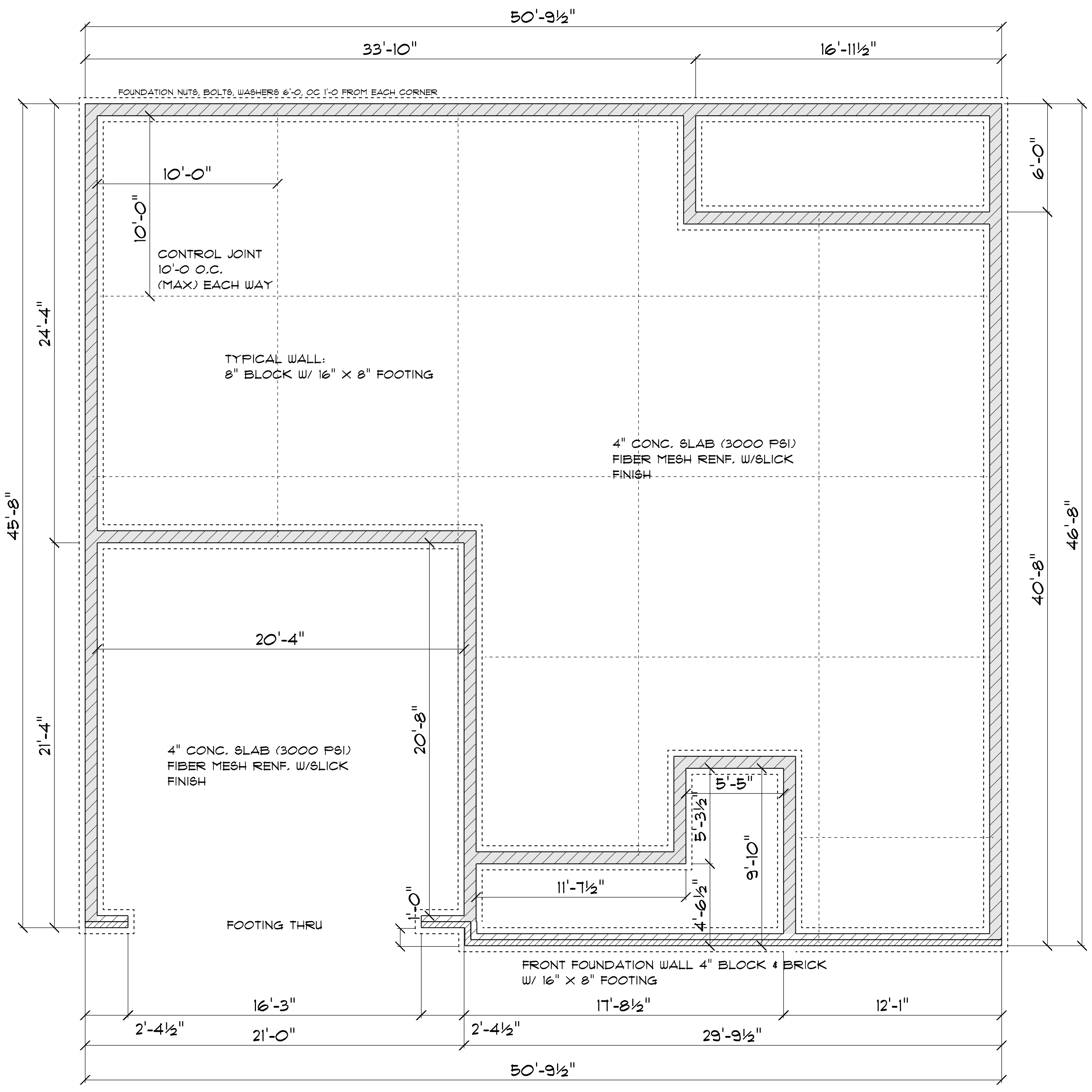


FOUNDATION NOTES:
 ALL FOOTINGS SHALL BEAR ON ORIGINAL UNDISTURBED SOIL. THE 28 DAY COMPRESSIVE STRENGTH OF ALL FOOTINGS IS 3000 PSI.
 PROVIDE WATER PROOFING AND PERIMETER DRAINS AS REQUIRED.
 FOUNDATION CONCRETE MIX TO HAVE 1/2" MAX AGGREGATE SIZE. CONCRETE FILL MIX TO HAVE 1/2" MAX AGGREGATE SIZE.
 FOOTING WIDTHS ARE BASED ON A LOAD-BEARING SOIL CAPACITY OF 2000 PSF.
 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.



OPTIONAL GAS FIREPLACE
 SCALE: 1" = 1/4"

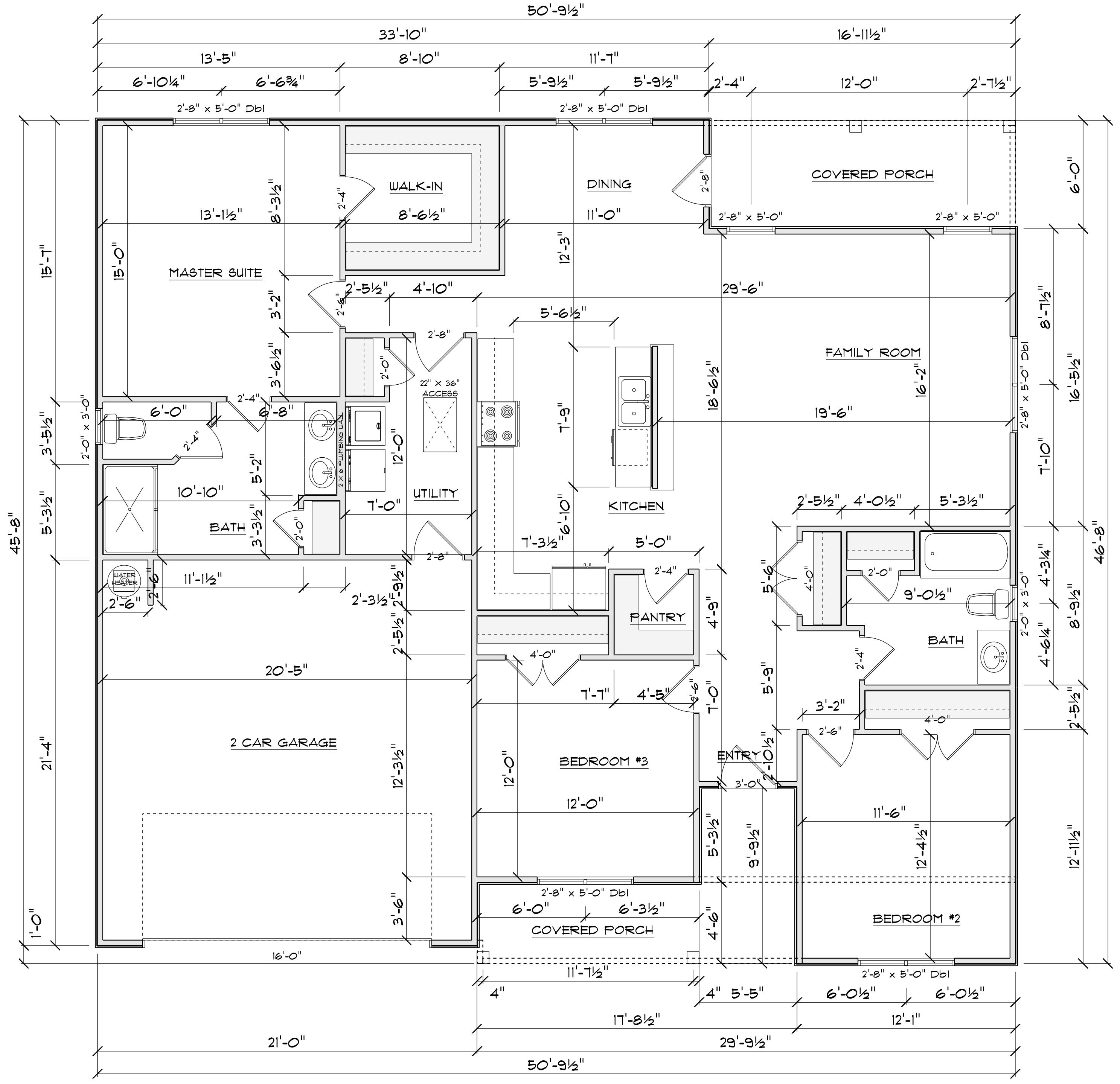


FOUNDATION PLAN
 SCALE: 1" = 1/4"

OPENING SCHEDULE				
SIZE	COUNT	LIBRARY NAME	R.O. WIDTH	R.O. HEIGHT
2'-8" x 5'-0"	2	Window\Double Hung	32"	60-1/2"
2'-8" x 5'-0" Dbl	5	Window\Double Hung	64-1/2"	60-1/2"
2'-0" x 3'-0"	2	Window\Double Hung	24"	36"
4'-0" x 3'-0"	1	Window\Double Hung	48"	36"

GENERAL FRAMING NOTES:
 ALL LUMBER IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESSURE TREATED.
 FRAMING LUMBER SHALL BE 6FP #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 TJ'S TO BE SIZED BY OTHERS
 EXTERIOR WALLS IN LIVING AREAS ARE 2 X 4

It is the sole responsibility of the Contractor and/or Builder to conform to all standards, provisions, requirements, methods of construction and use 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.



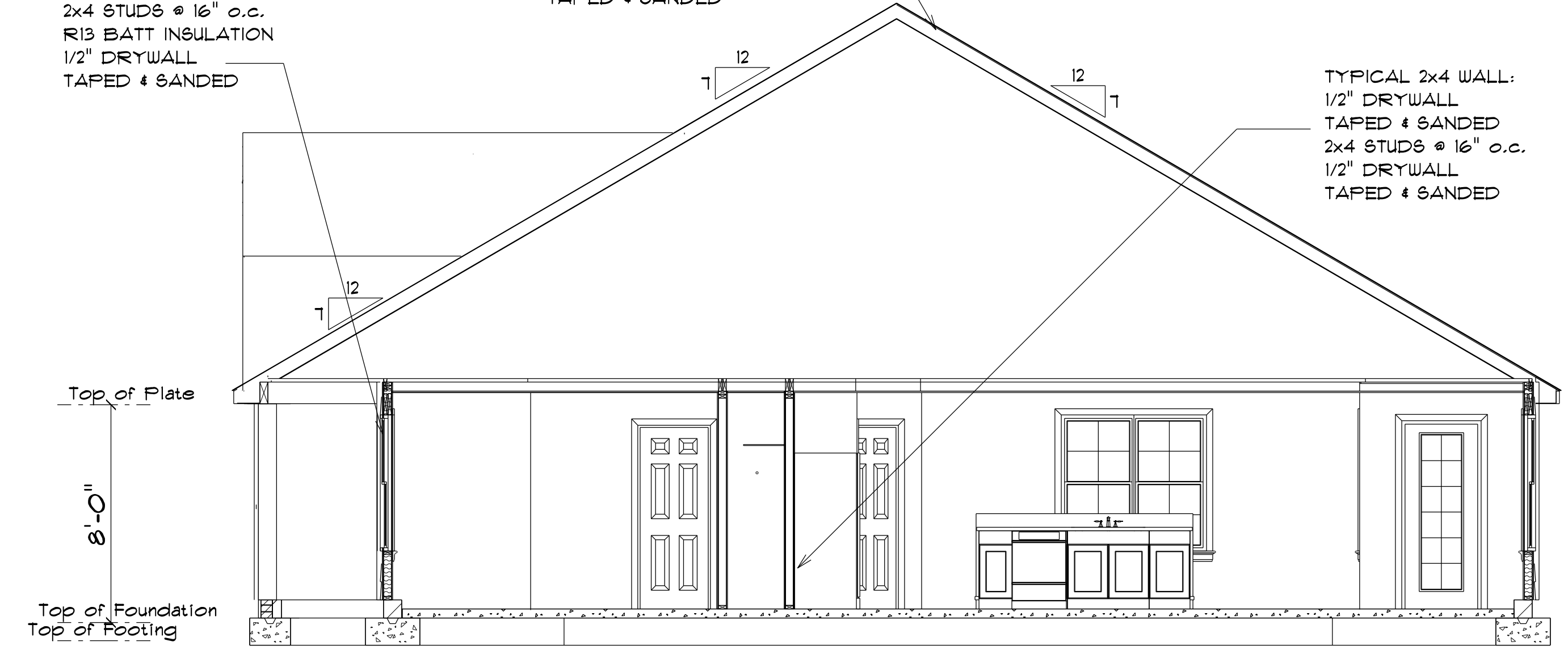
FLOOR PLAN
 SCALE: 1" = 1/4"

AREA SCHEDULE	
NAME	AREA
Heated Floor Area	1717.1 sq. ft.
Garage	447.3 sq. ft.
Covered Porch	199.2 sq. ft.

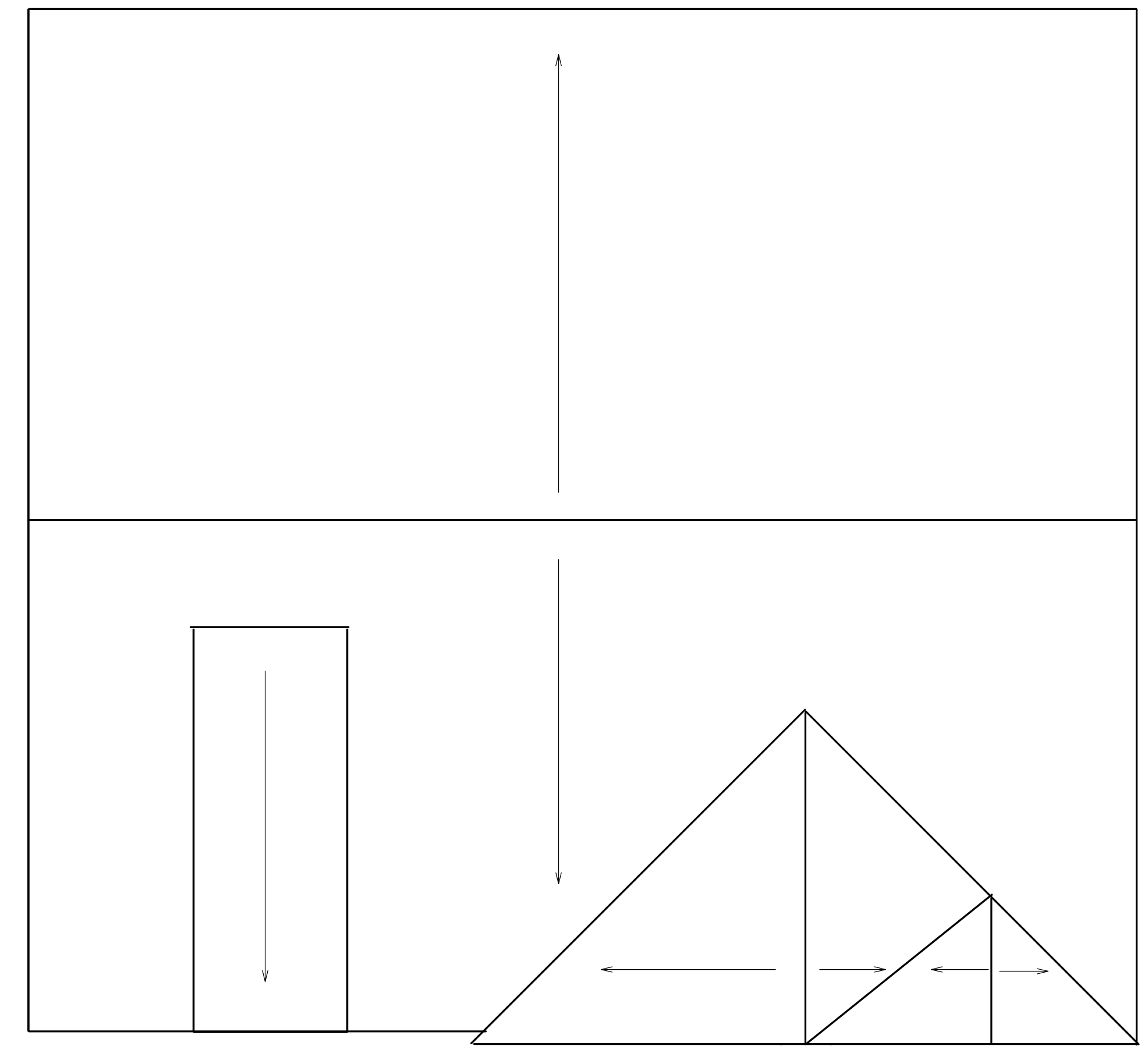
TYPICAL TRUSS ROOF:
 SHINGLES
 1/16" ROOFING PLYWOOD c/w
 H CLIPS
 BLOCK & BRACE PER TRUSS MGR.
 PRE-ENGINEERED TRUSSES @ 24" o.c.
 2x4 TRUSS BRACING
 R38 BLOWN INSULATION
 5/8" CEILING BOARD
 TAPED & SANDED

TYPICAL 2x4 SIDING EXTERIOR WALL:
 VINYL SIDING
 1/16" PLYWOOD SHEATHING
 2x4 STUDS @ 16" o.c.
 R13 BATT INSULATION
 1/2" DRYWALL
 TAPED & SANDED

TYPICAL 2x4 WALL:
 1/2" DRYWALL
 TAPED & SANDED
 2x4 STUDS @ 16" o.c.
 1/2" DRYWALL
 TAPED & SANDED



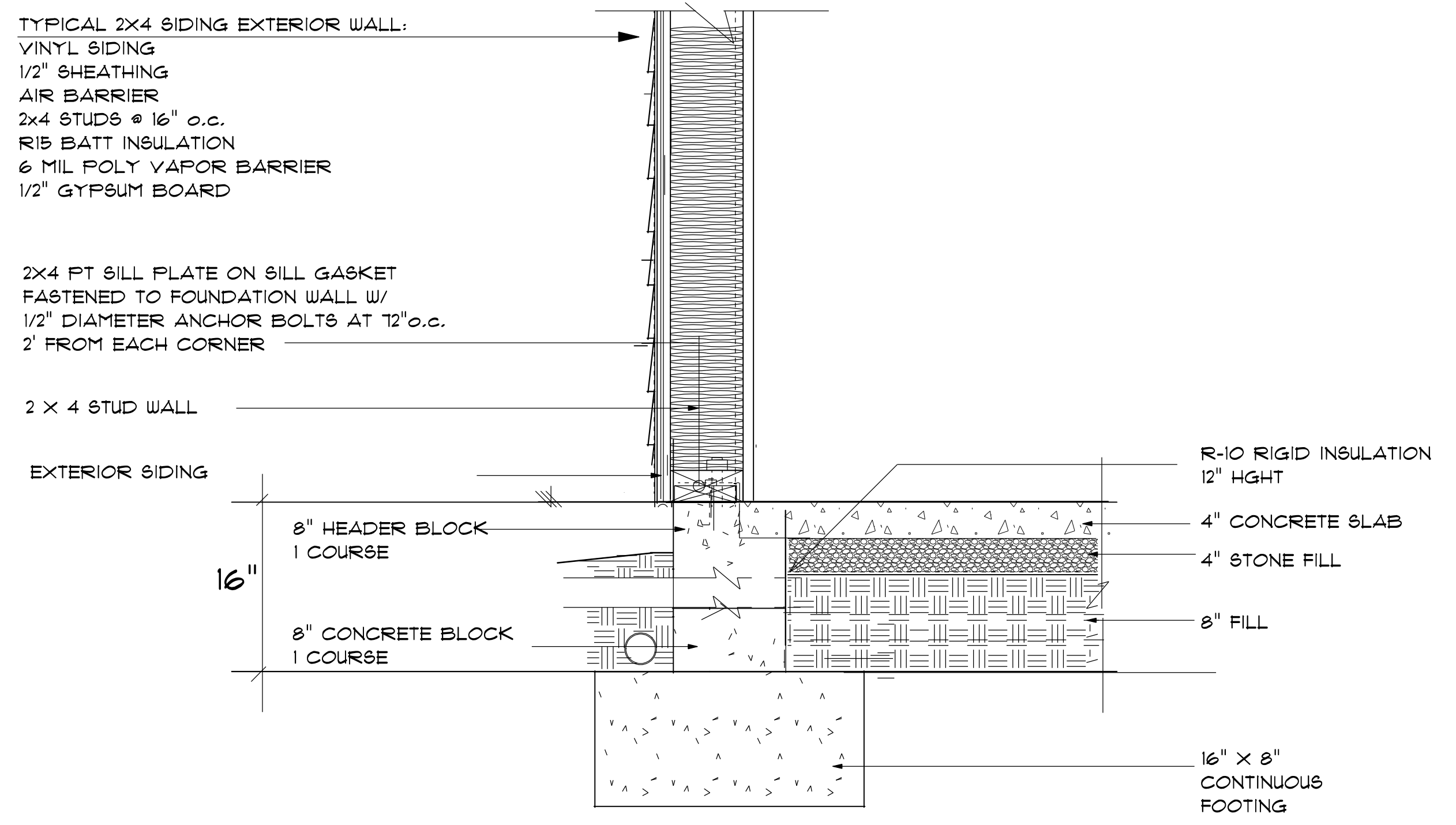
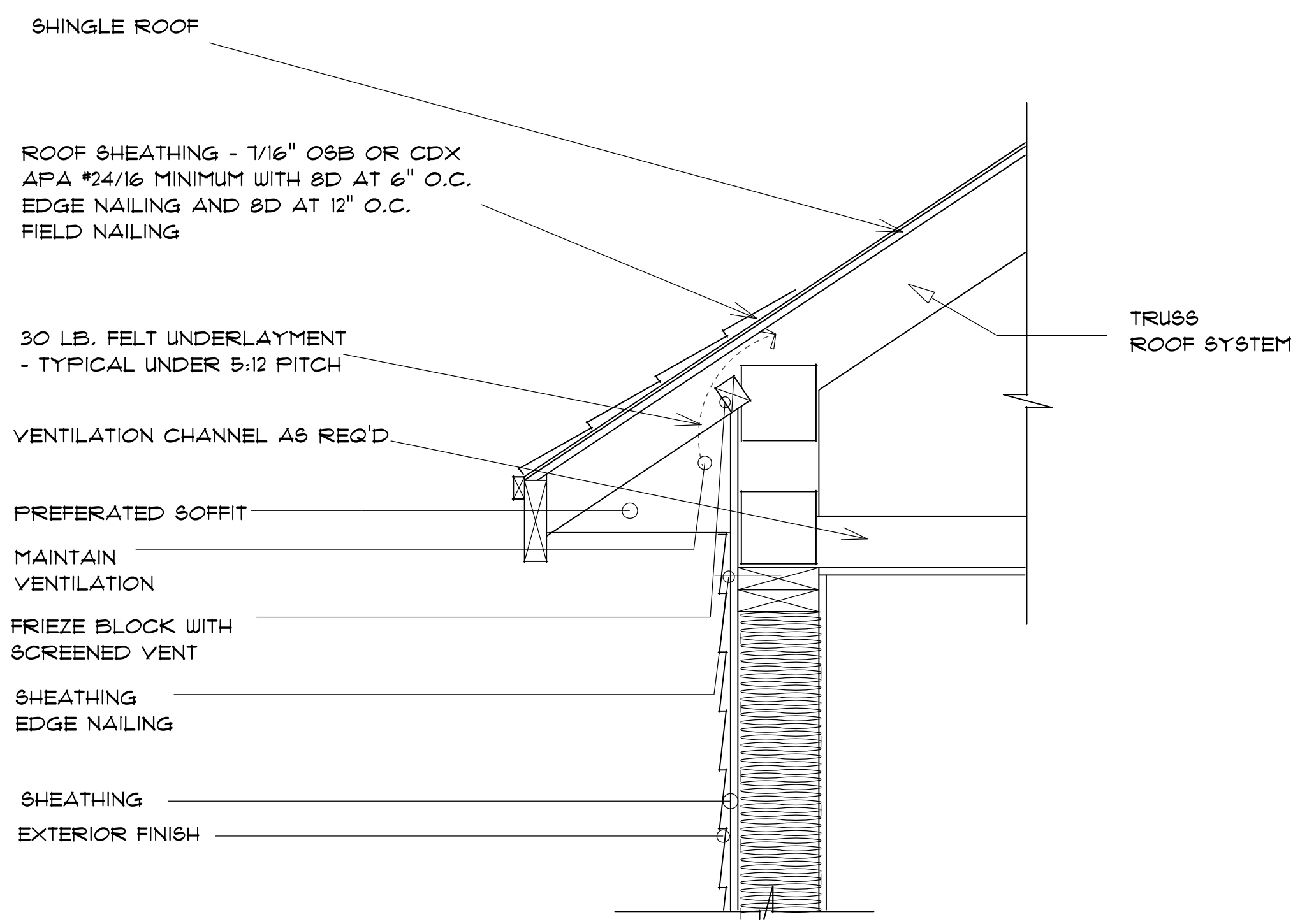
SECTION
 SCALE: 1" = 1/4"



ROOF PLAN
 SCALE: 1" = 3/16"

12" OH ALL
 1/12 PITCH
 3/12 PITCH SHED DORMER

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.



2x4/SIDING STEM WALL FOUNDATION
 not to scale

SHINGLE ROOF

ROOF SHEATHING - 1/16" OSB OR CDX
 APA #24/16 MINIMUM WITH 8D AT 6" O.C.
 EDGE NAILING AND 8D AT 12" O.C.
 FIELD NAILING

30 LB. FELT UNDERLAYMENT
 - TYPICAL UNDER 5:12 PITCH

VENTILATION CHANNEL AS REQ'D

PREFERATED SOFFIT

MAINTAIN VENTILATION

FRIEZE BLOCK WITH SCREENED VENT

SHEATHING
 EDGE NAILING

SHEATHING
 EXTERIOR FINISH

TRUSS ROOF SYSTEM

TYPICAL 2x4 SIDING EXTERIOR WALL:
 VINYL SIDING
 1/2" SHEATHING
 AIR BARRIER
 2x4 STUDS @ 16" o.c.
 R13 BATT INSULATION
 6 MIL POLY VAPOR BARRIER
 1/2" GYPSUM BOARD

2x4 FT SILL PLATE ON SILL GASKET
 FASTENED TO FOUNDATION WALL W/
 1/2" DIAMETER ANCHOR BOLTS AT 12" o.c.
 2' FROM EACH CORNER

2 X 4 STUD WALL

EXTERIOR SIDING

16"

8" HEADER BLOCK
 1 COURSE

8" CONCRETE BLOCK
 1 COURSE

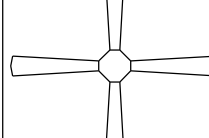





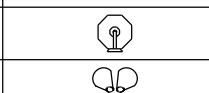




R-10 RIGID INSULATION
 12" HGT

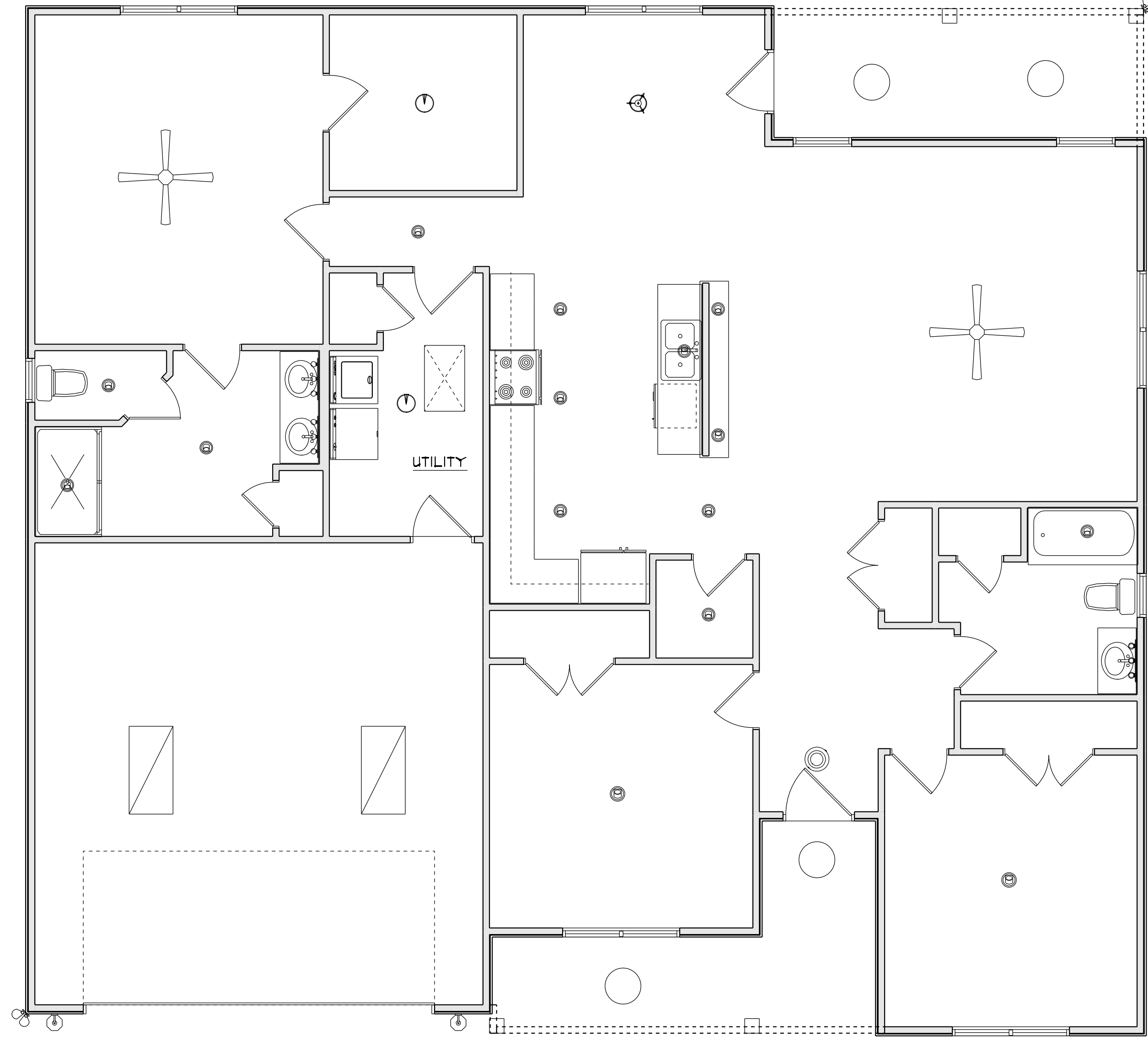
4" CONCRETE SLAB

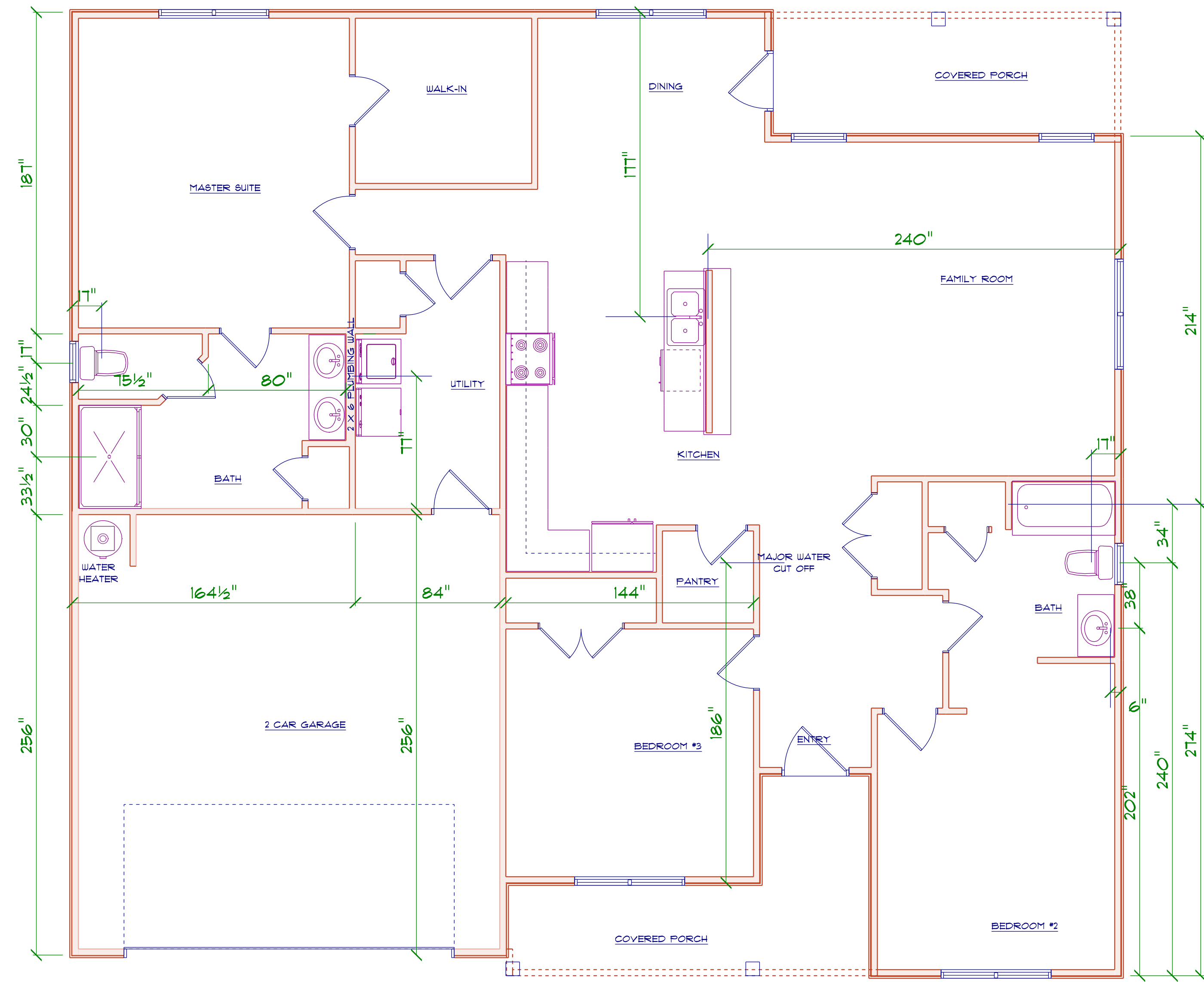
4" STONE FILL

8" FILL

16" X 8"
 CONTINUOUS FOOTING

ELECTRICAL LEGEND		
ELECTRICAL	COUNT	SYMBOL
ceiling fan 4 bladed O1	2	
foyer light	1	
10" led light	2	
7" led disc	13	
out door over head	4	
ceiling light 19	1	
4' fluorescent light	2	
outdoor carriage light	2	
flood light	2	
vanity light	4	
over head light	2	





PLUMBING DROP PLAN
SCALE: 1" = 1/4"

THIS LAYOUT IS TO BE USED AS A TRUSS PLACEMENT GUIDE ONLY.
PLEASE REFER TO BUILDING PLANS FOR BUILDING CONSTRUCTION AND DETAILS,
SUCH AS PLUMBING OR DUCT DROPS.

CONSTRUCTION COPY-
FOR FIELD USE

Job #
P-7882

Yarbrough Front Load Crawl V4
416 Kotata Ave
Bunnlevel NC

Date Quoted:
7/9/2021

Designer:
Nate Donaldson

Lamco Custom Builders LLC

Peak Truss
Builders, LLC
PO Box 340, New Hill, NC 27562

Yarbrough Crawl V4
Front Load
1' OH, 2' OC

Truss Connector Total List		
Manuf	Product	Qty
USP	HUS26	6

Products					
PlotID	Length	Product	Plies	Net Qty	Fab Type
DB1-0 (Dropped)	22-00-00	1-3/4X14 LP-LVL 2900Fb-2.0E	2	2	MFD

- Notes:
- Exterior dimensions shown are assumed to be:
 - Out-to-out of stud
 - Out-to-out of sheathing
 - Adjust truss locations as needed for plumbing and mechanical clearance. Unless otherwise noted, trusses may be shifted as long as O.C. spacing shown is not exceeded.
 - Do not cut, drill, or otherwise damage any part of any truss without prior approval from Peak Truss. Do not install trusses that are damaged, are not properly fabricated, or do not have adequate bearing.
 - Do not approve drawings if any information herein is unclear. Once ordered trusses will be fabricated as approved.
 - Please contact Peak Truss Builders with any questions. We are available to help any way we can. We can be reached at 919-545-5555 or sales@peaktruss.com

Roof Truss Loading per 2018 NC Residential Code

Top Chord Live Load 20# PSF
Top Chord Dead Load 10# PSF
Bottom Chord Live Load 0# PSF
Bottom Chord Dead Load 10# PSF

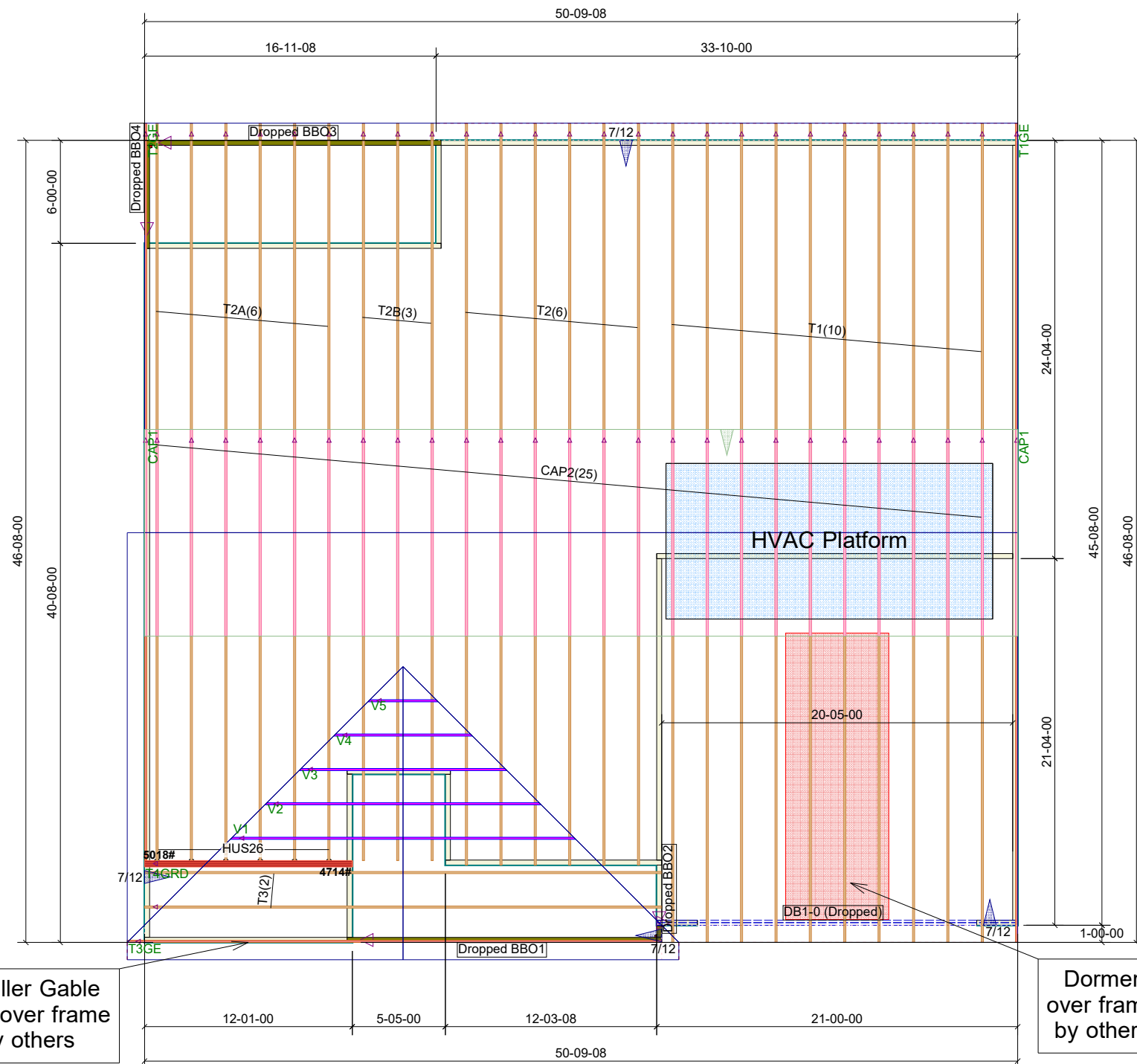
Trusses are designed for additional storage load wherever a 42"x24" box will fit between the webs.

△ - This symbol denotes left end of truss as shown on truss drawings

● - Approximate location of toilet drop. Builder please confirm.

Truss connections by others:

⊕ - Nailed
⊞ - Ledger



Smaller Gable
Area over frame
by others

Dormer
over frame
by others