

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

01/08/2021

Boyle



PAGE #:

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DRD

SCALE: 1" = 1/4"

DRAWN BY:

DATE: 12/17/2020

LAMCO HOMES

THE ASH
 GARAGE LEFT

FRONT
 ELEVATION C

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 20". 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 MANUFACTURERS FOR AVAILABILITY AND CONFORMITY TO STATE AND LOCAL CODE REQUIREMENTS.

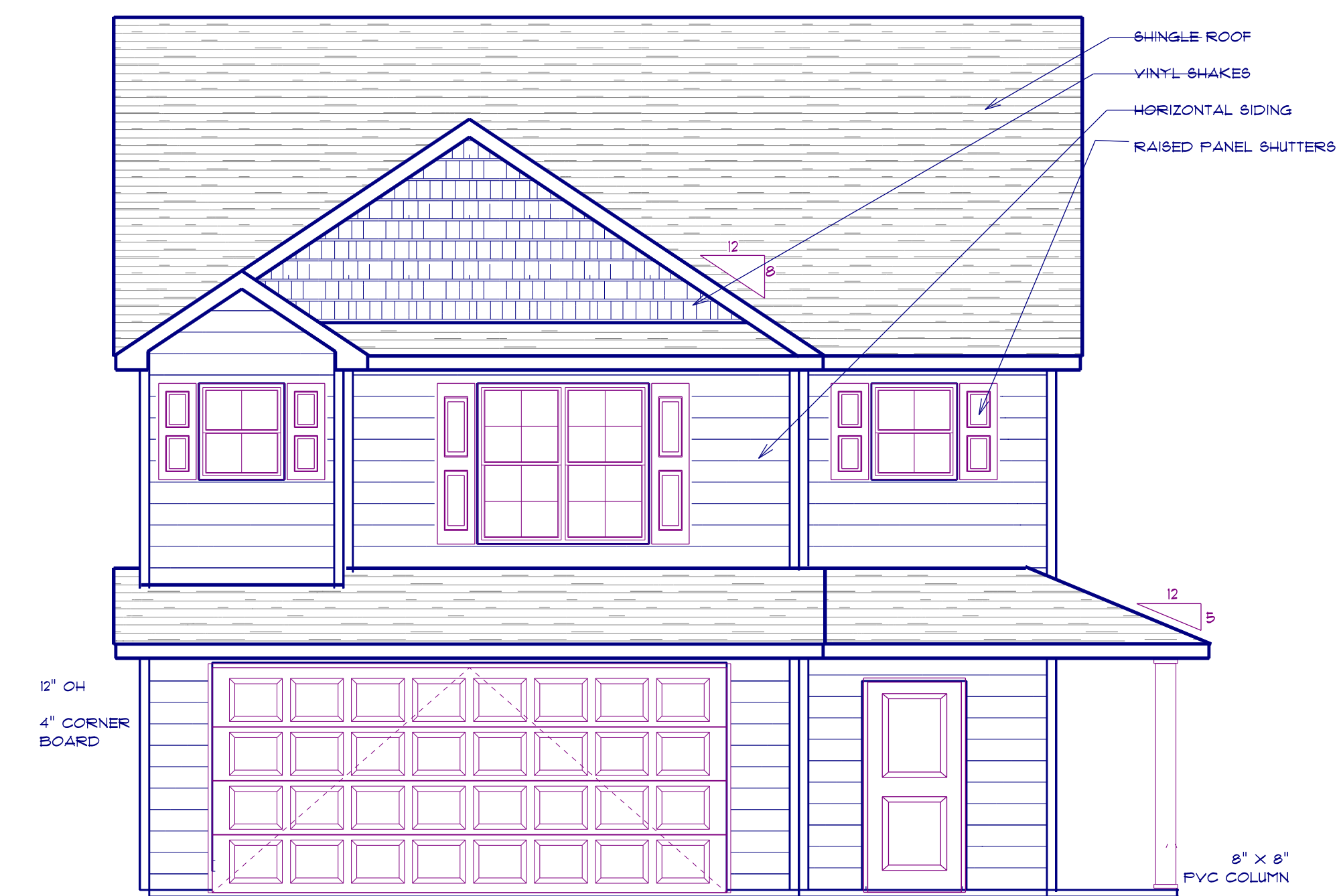
PORCHES, BALCONIES, OR RAISED FLOOR SURFACES LOCATED MORE THAN 30" ABOVE THE FLOOR OR GRADE BELOW SHALL HAVE GUARDRAILS NOT LESS THAN 32" IN HEIGHT.

I ASSUME NO RESPONSIBILITY FOR ANY DISTANCES AFTER START OF CONSTRUCTION.
 CONTRACTOR/BUILDER SHALL CONSULT WITH HOME OWNER ON ALL INTERIOR AND EXTERIOR 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 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 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 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.



FRONT ELEVATION C

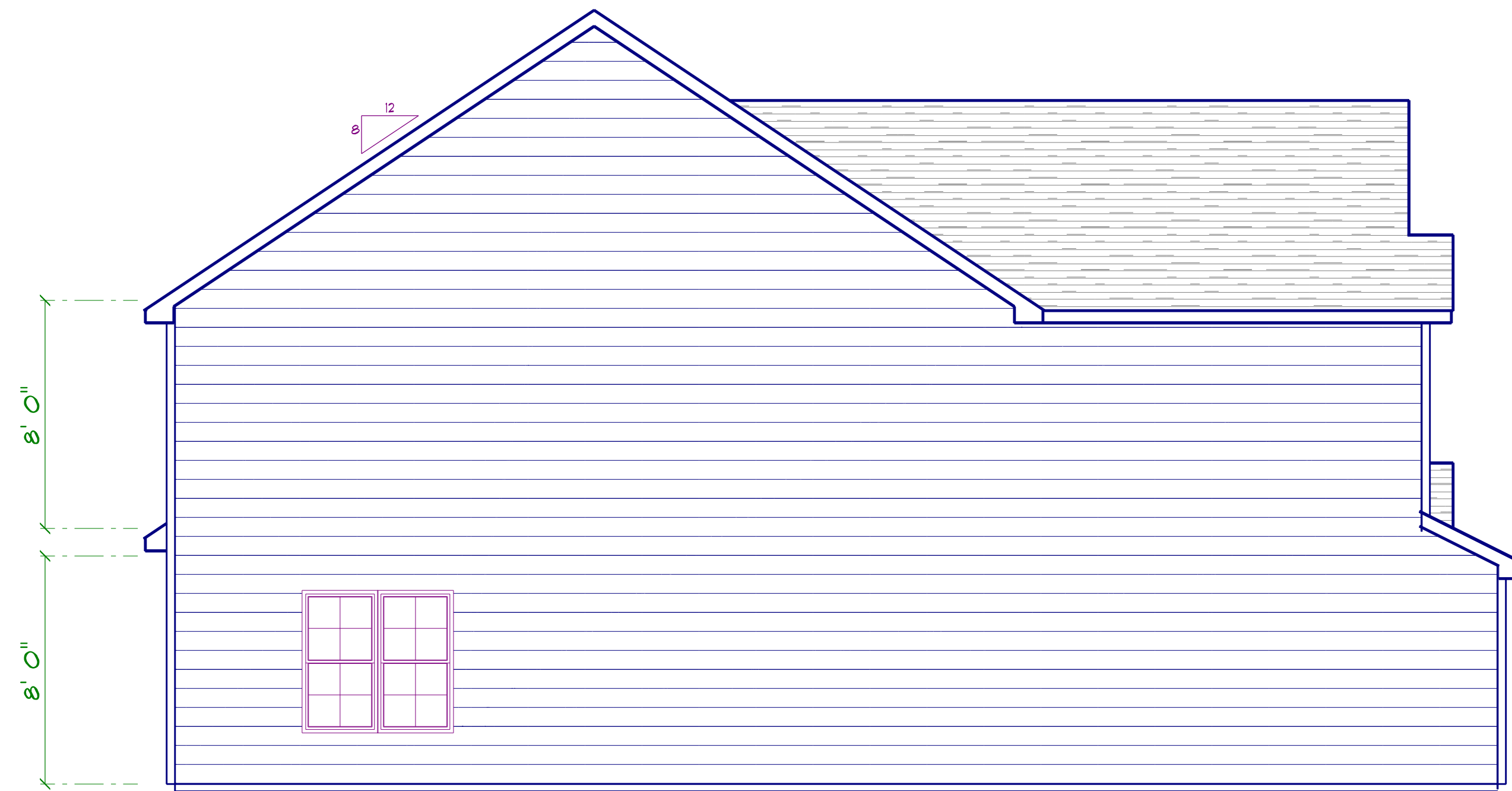


RIGHT ELEVATION
SCALE: 1" = 1/4"

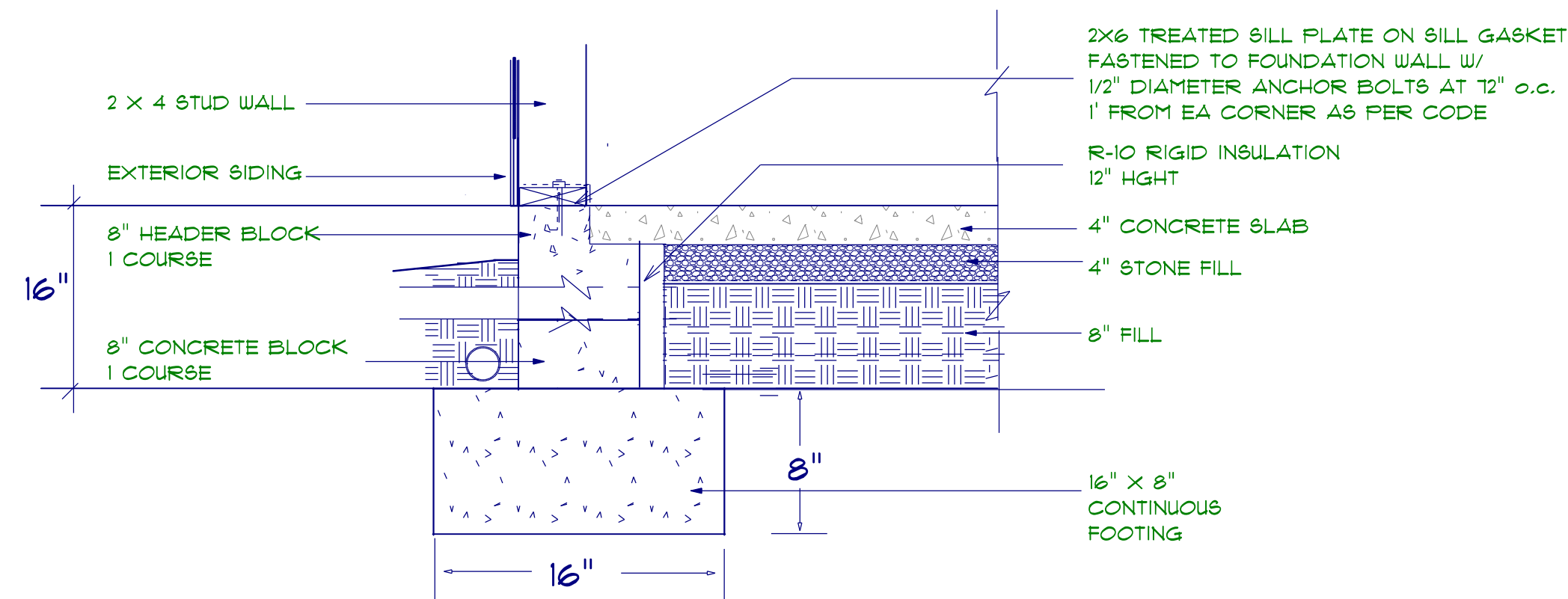


REAR ELEVATION
SCALE: 1" = 1/4"

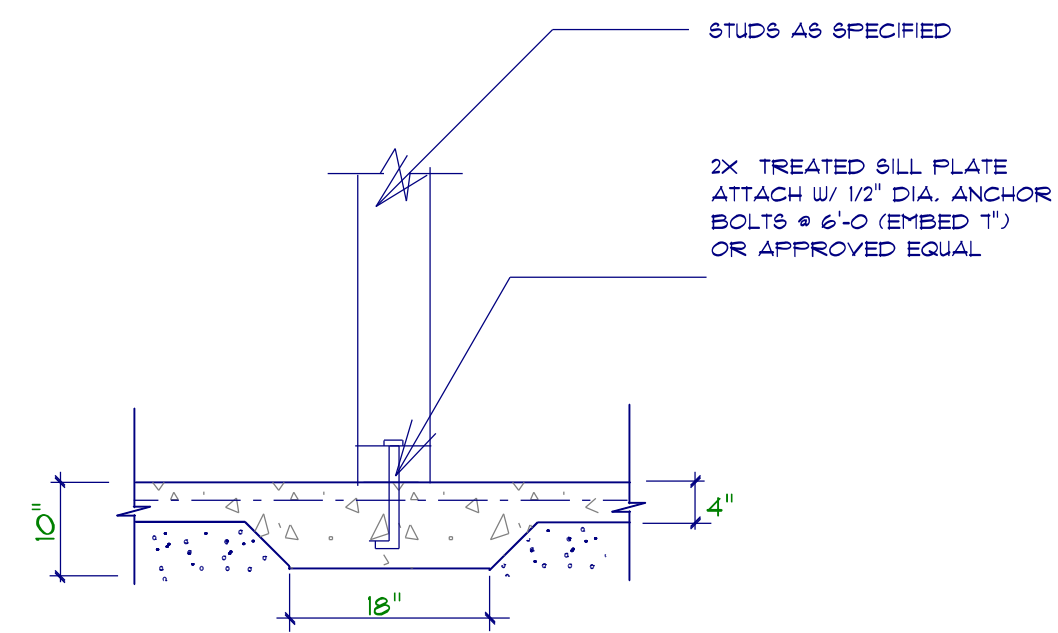
NOTE: MATCH ALL WINDOW GRIDS TO FRONT ELEVATION



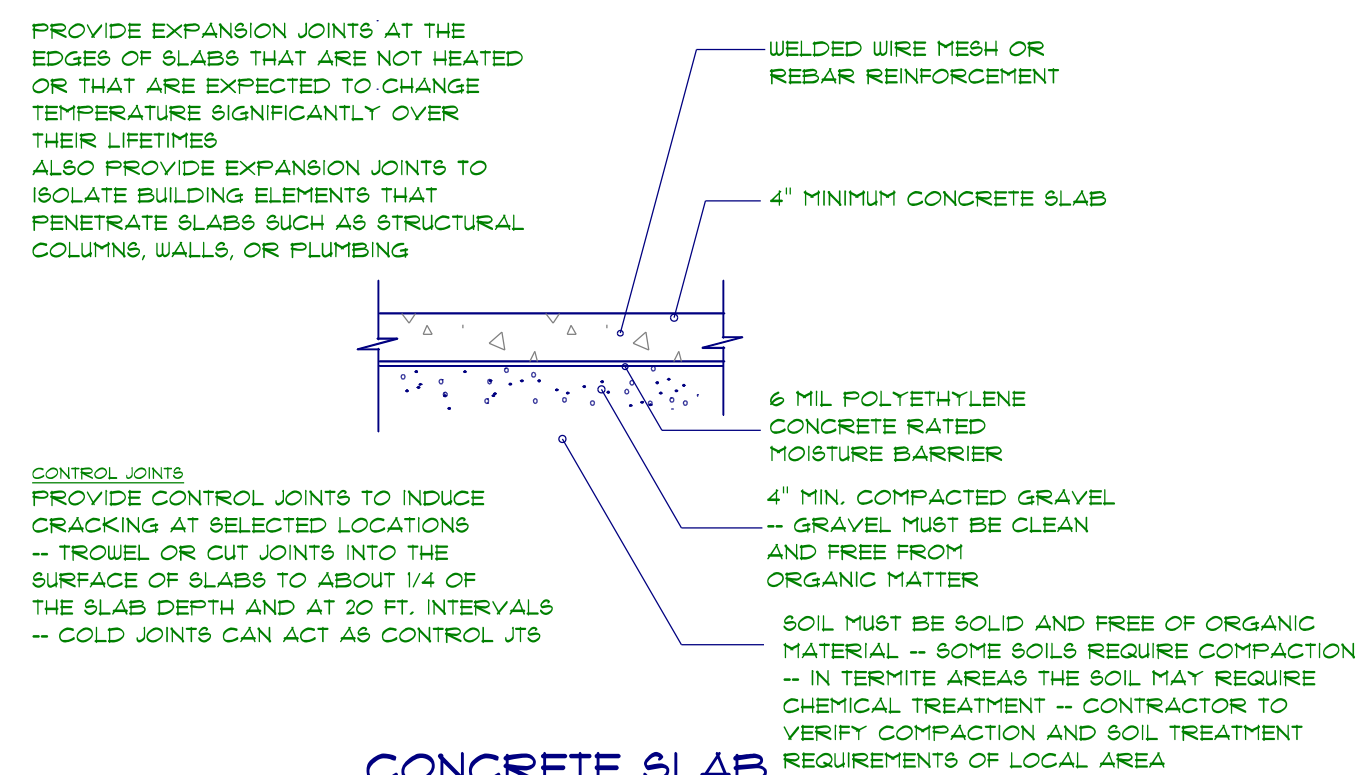
LEFT ELEVATION
SCALE: 1" = 1/4"



STEM WALL FOUNDATION Detail
not to scale

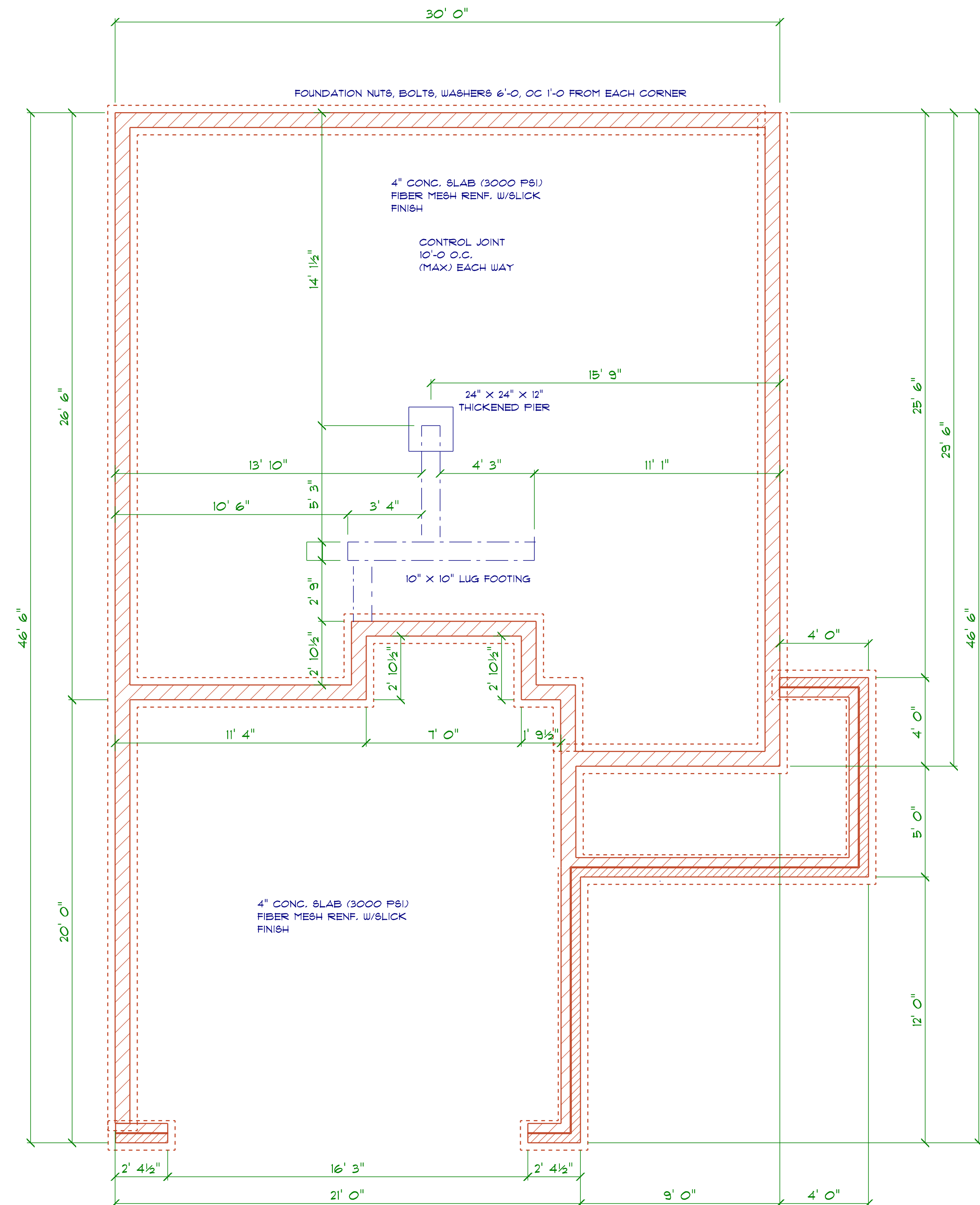


TYPICAL THICKENED SLAB
not to scale



**CONCRETE SLAB
DETAILS / NOTES**
not to scale

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"

FOUNDATION NOTES:
ALL FOOTINGS SHALL BEAR ON ORIGINAL UNDISTURBED SOIL.
THE 28 DAY COMPRESSIVE STRENGTH OF ALL FOOTINGS IS 3000 PSI

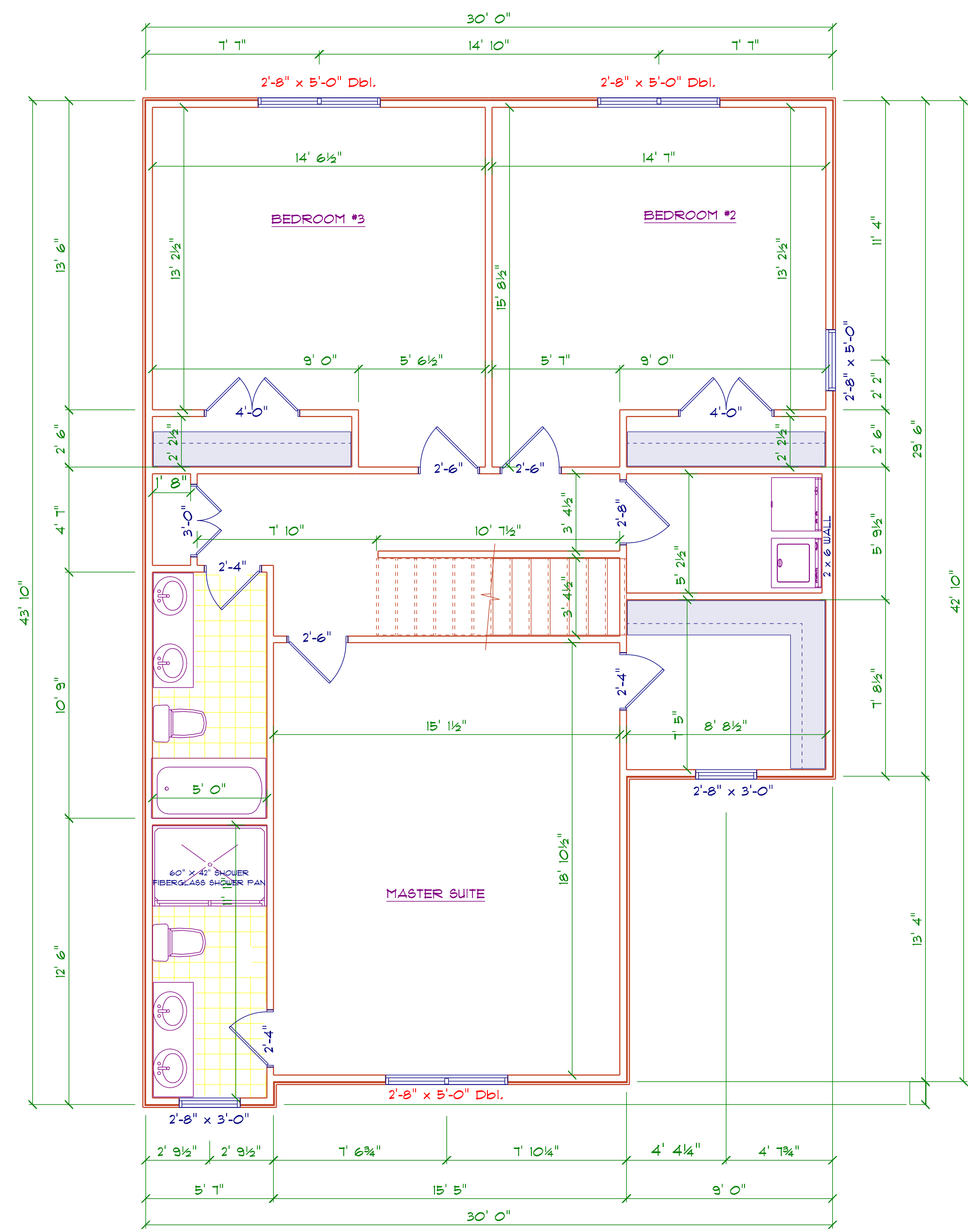
PROVIDE WATER PROOFING AND PERIMETER DRAINS AS REQUIRED.

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. ALL UNO ANCHOR BOLTS SHALL BE 8" SPACE AT A MAX OF 6' O.C AND NO MORE THAN 1' FROM EA CORNER.



AREA SCHEDULE	
NAME	AREA
Heated Floor Area	1151.5 sq. ft.

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 FINE 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.

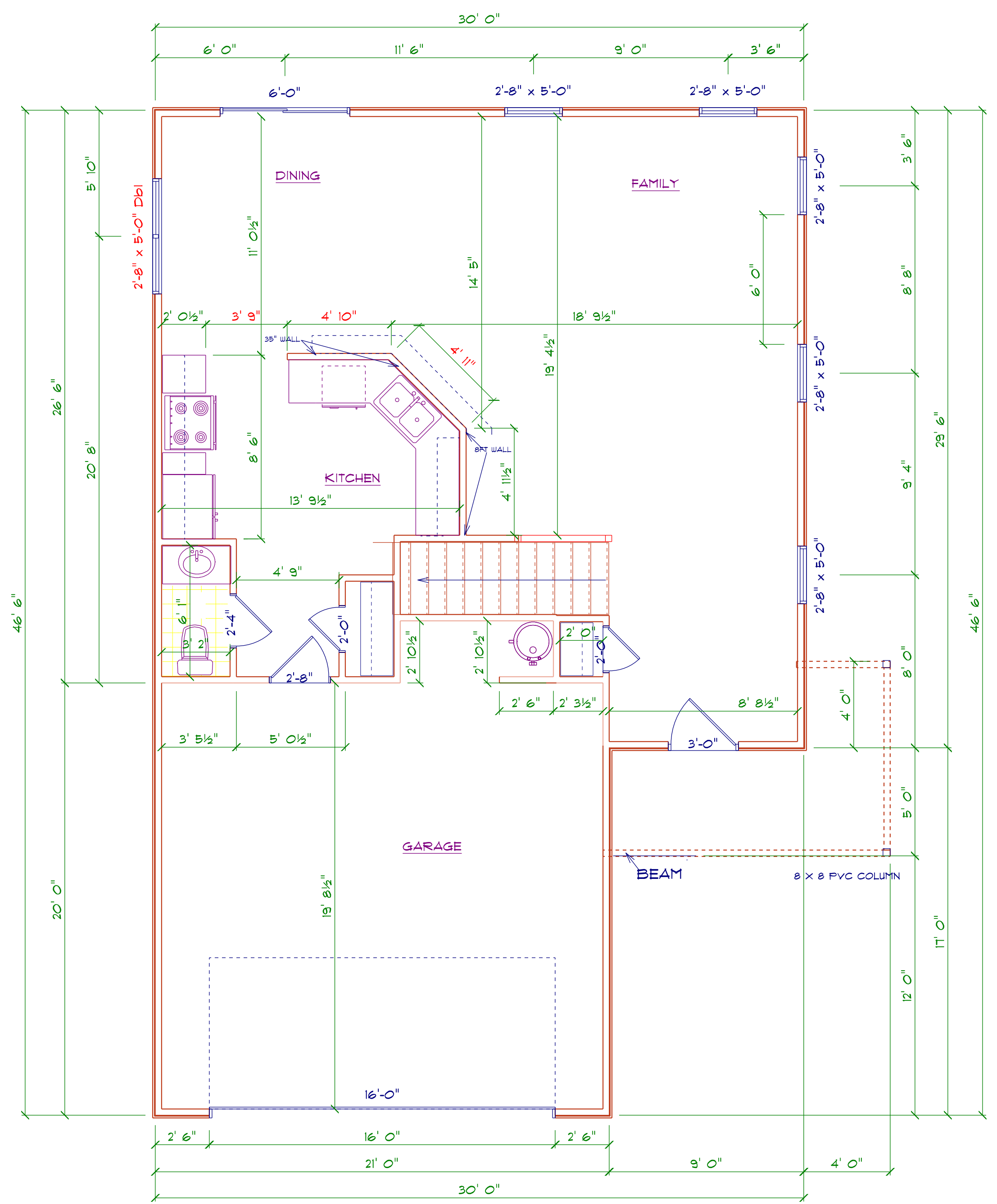
PROVIDE WATERPROOFING AND DRAINS AS REQUIRED.

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

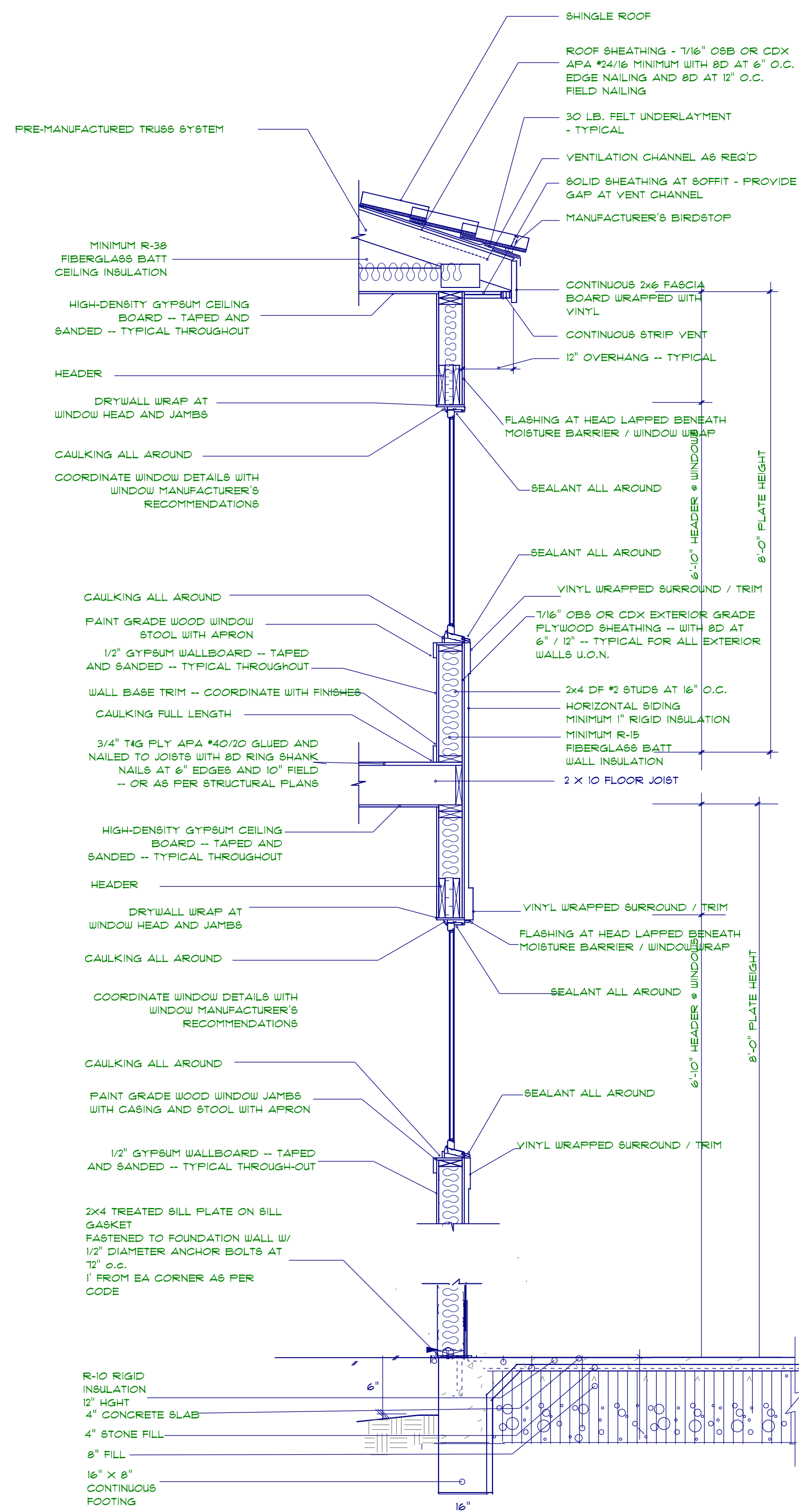
LVL'S AND TJI'S TO BE SIZED BY OTHERS

EXTERIOR WALLS IN LIVING AREAS ARE 2 X 4

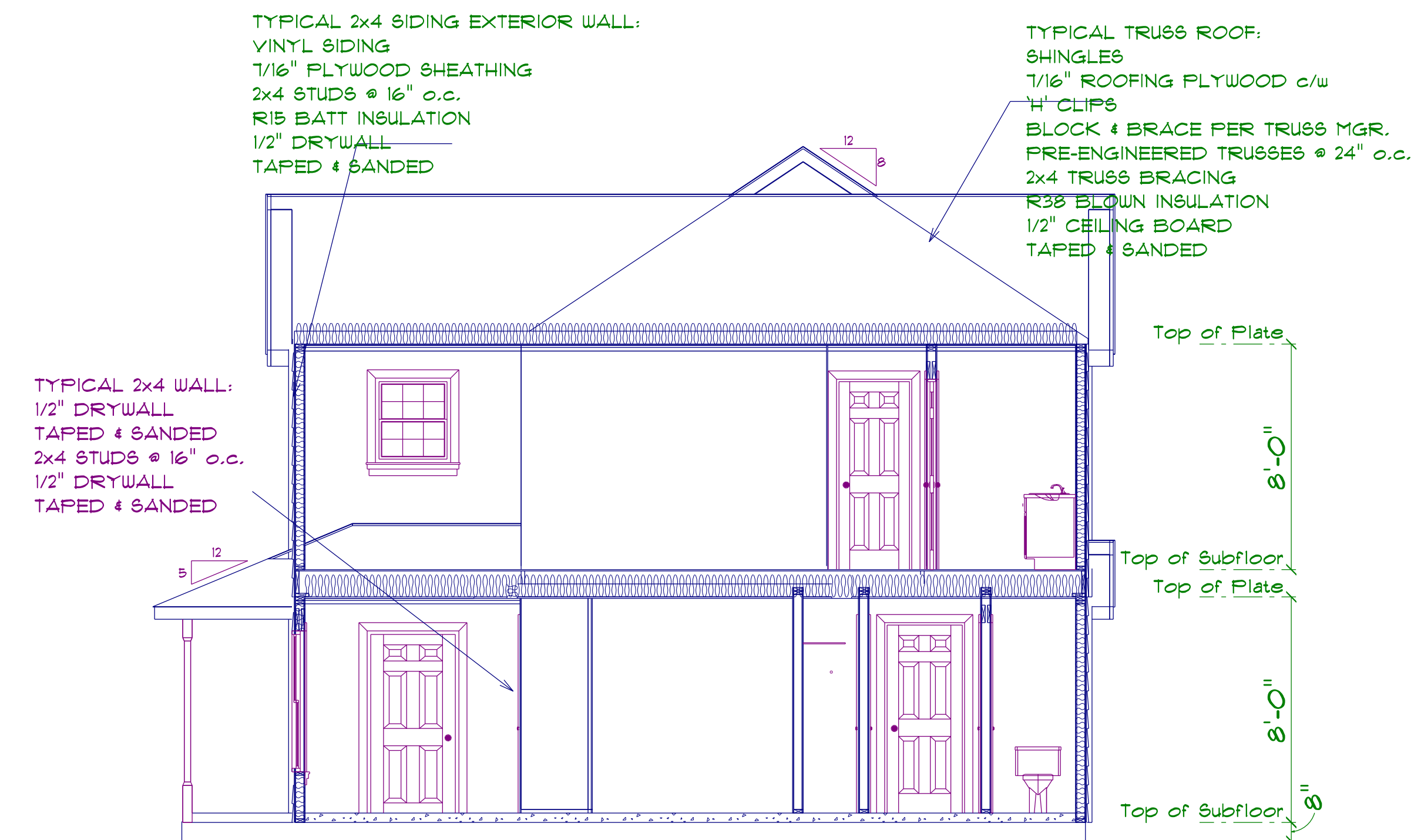
OPENING SCHEDULE				
SIZE	COUNT	LIBRARY NAME	R.O. WIDTH	R.O. HEIGHT
6'-0"	1	Exterior Door\Patio	72"	80-1/2"
2'-8" x 3'-0"	2	Window\Double Hung	32"	36"
2'-8" x 5'-0"	7	Window\Double Hung	32"	60-1/2"
2'-8" x 5'-0" Dbl.	4	Window\Double Hung	64-1/2"	60-1/2"



AREA SCHEDULE	
NAME	AREA
Heated Floor Area	814.5 sq. ft.
Garage	448.4 sq. ft.
Covered Porch	81.1 sq. ft.

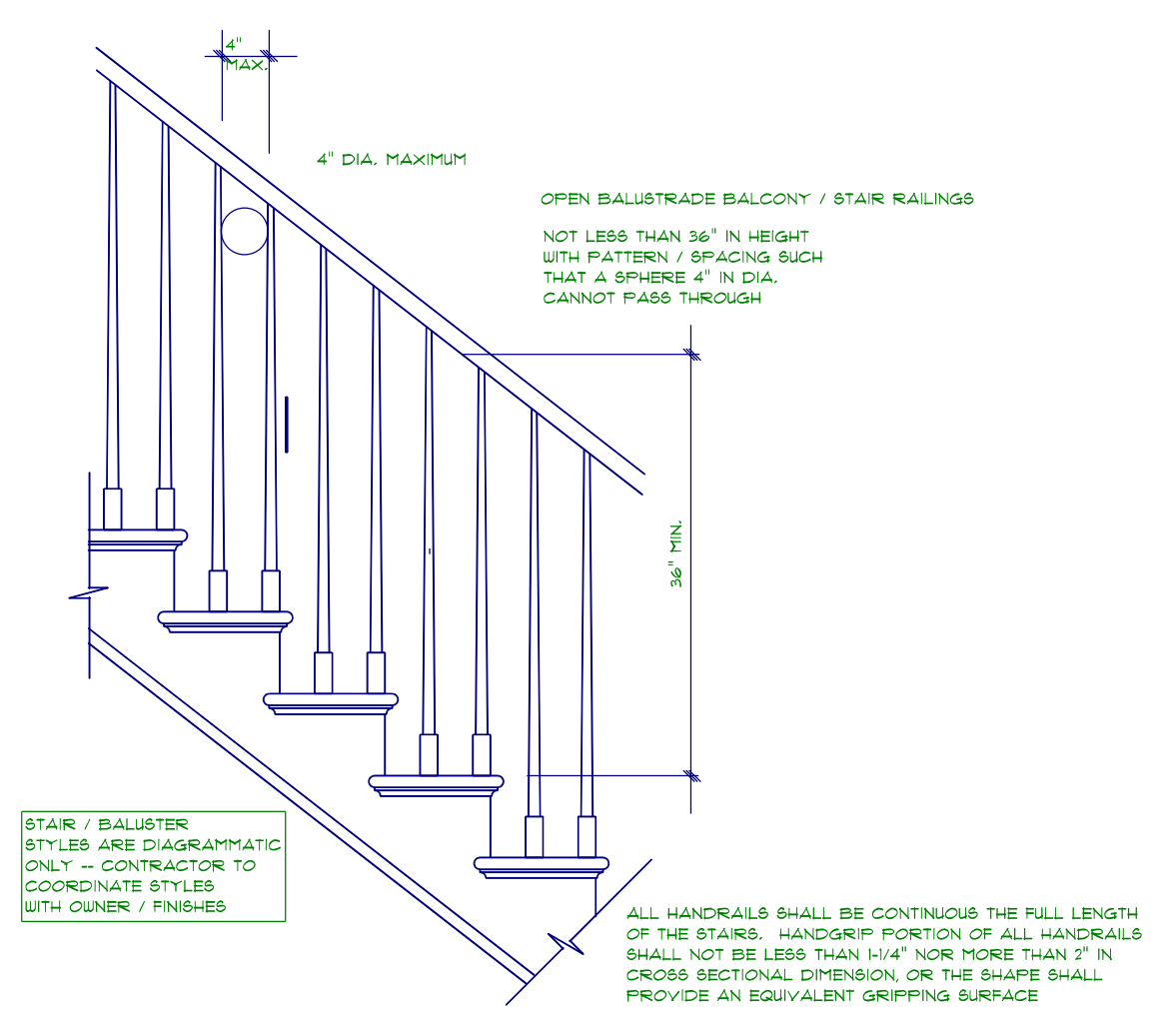


2 STOREY MONOLITHIC SLAB DETAIL
not to scale



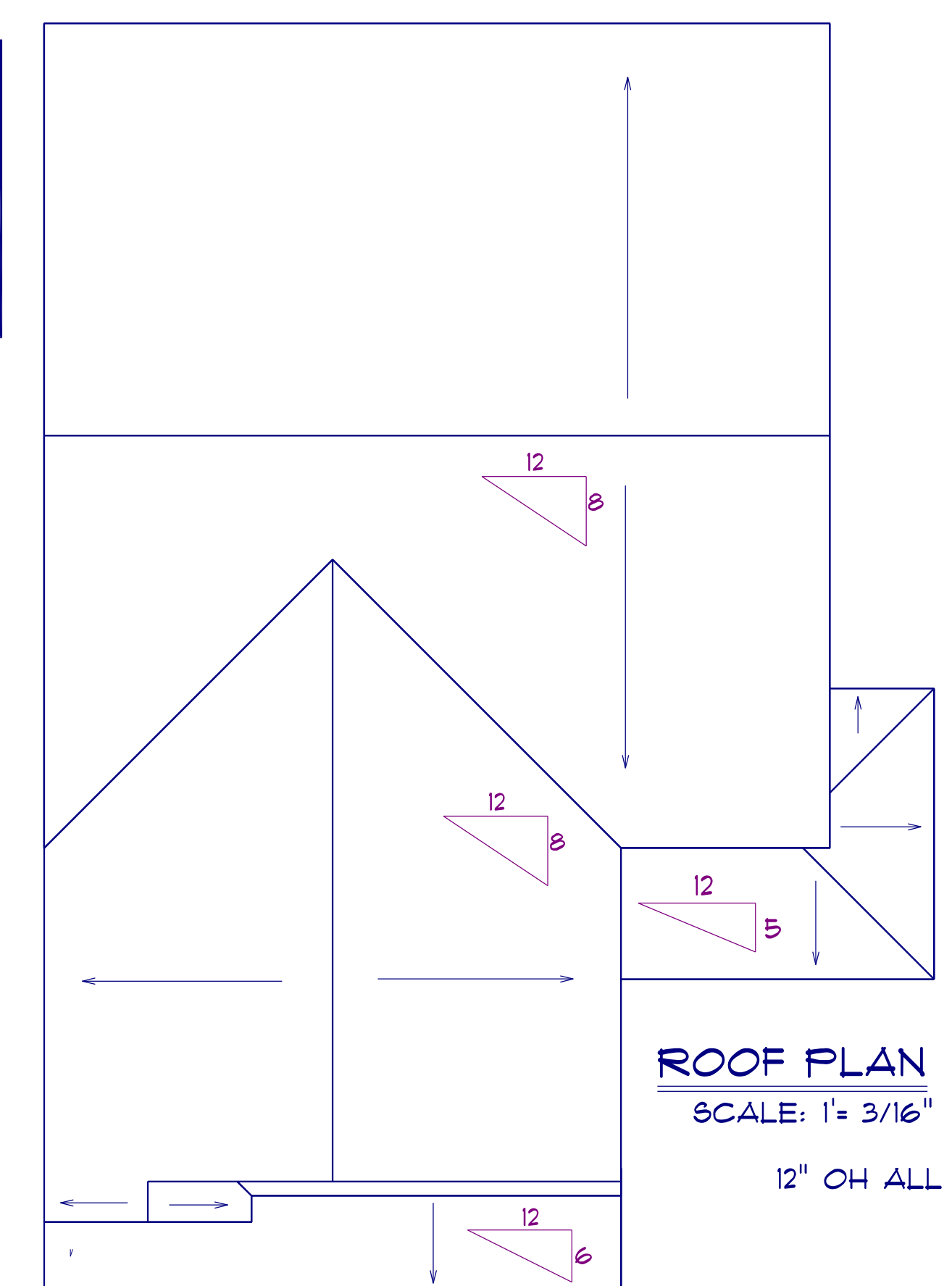
SECTION
SCALE: 1\"/>

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.

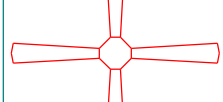






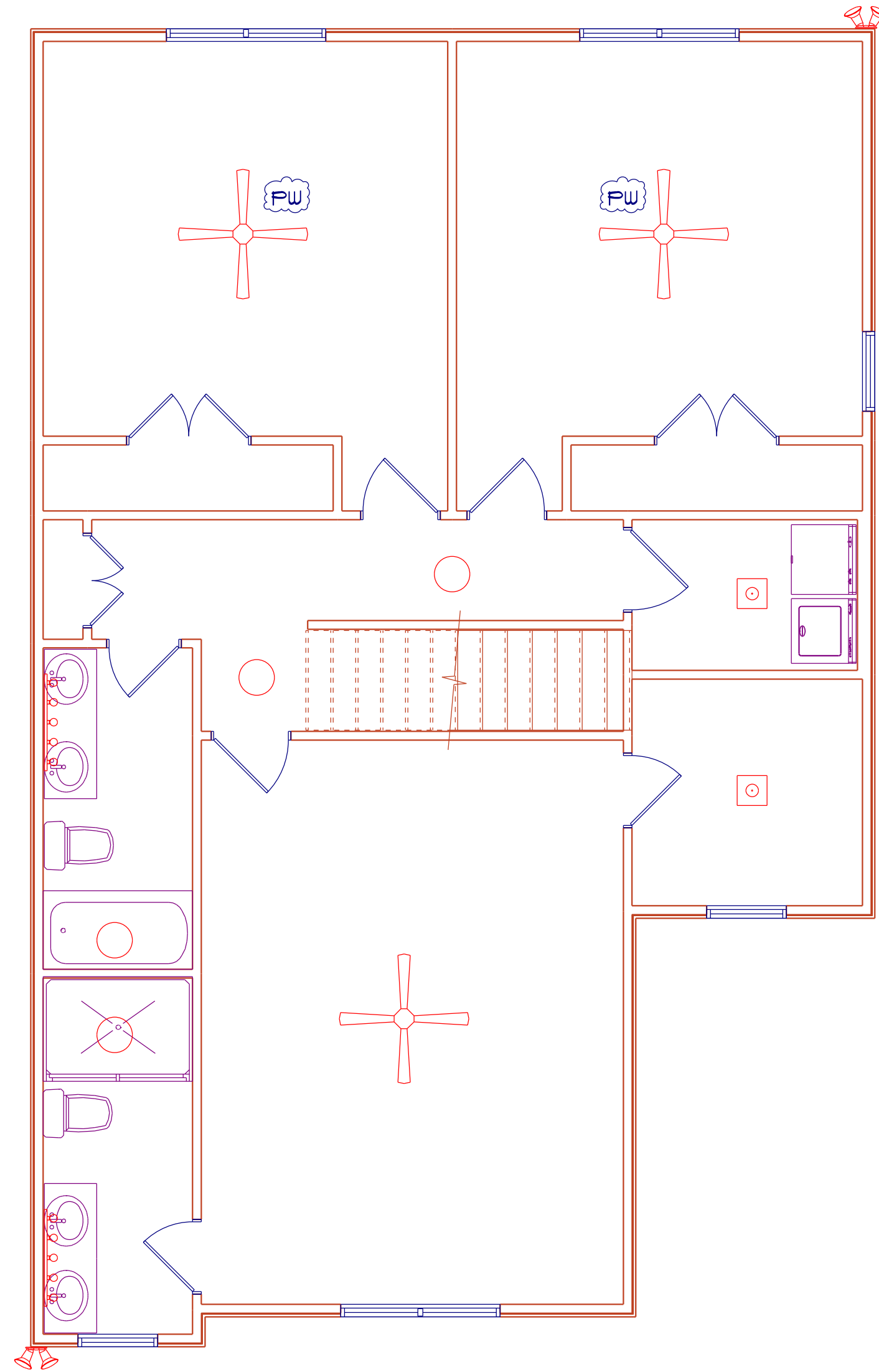
STAIR / BALUSTER STYLES ARE DIAGNOSTIC ONLY - CONTRACTOR TO COORDINATE STYLES WITH OWNER / FINISHES.

STAIR RAILING

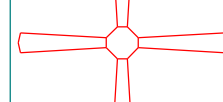


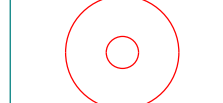
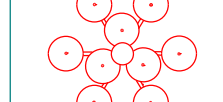






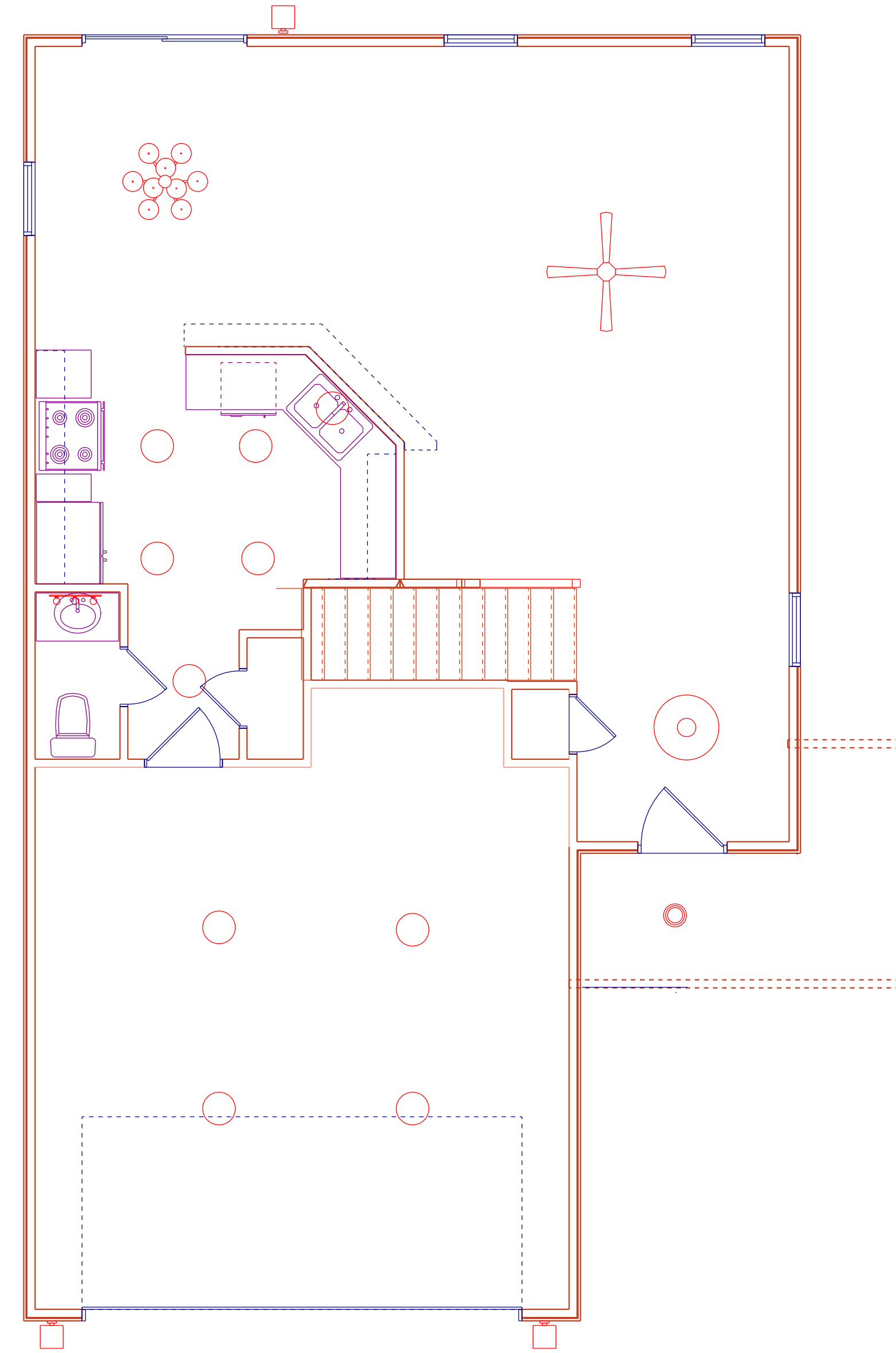
ROOF PLAN
SCALE: 1\"/>

ELECTRICAL LEGEND		
ELECTRICAL	COUNT	SYMBOL
ceiling fan	1	
10" led	2	
7" led	4	
flood light	2	
vanity bar light	4	

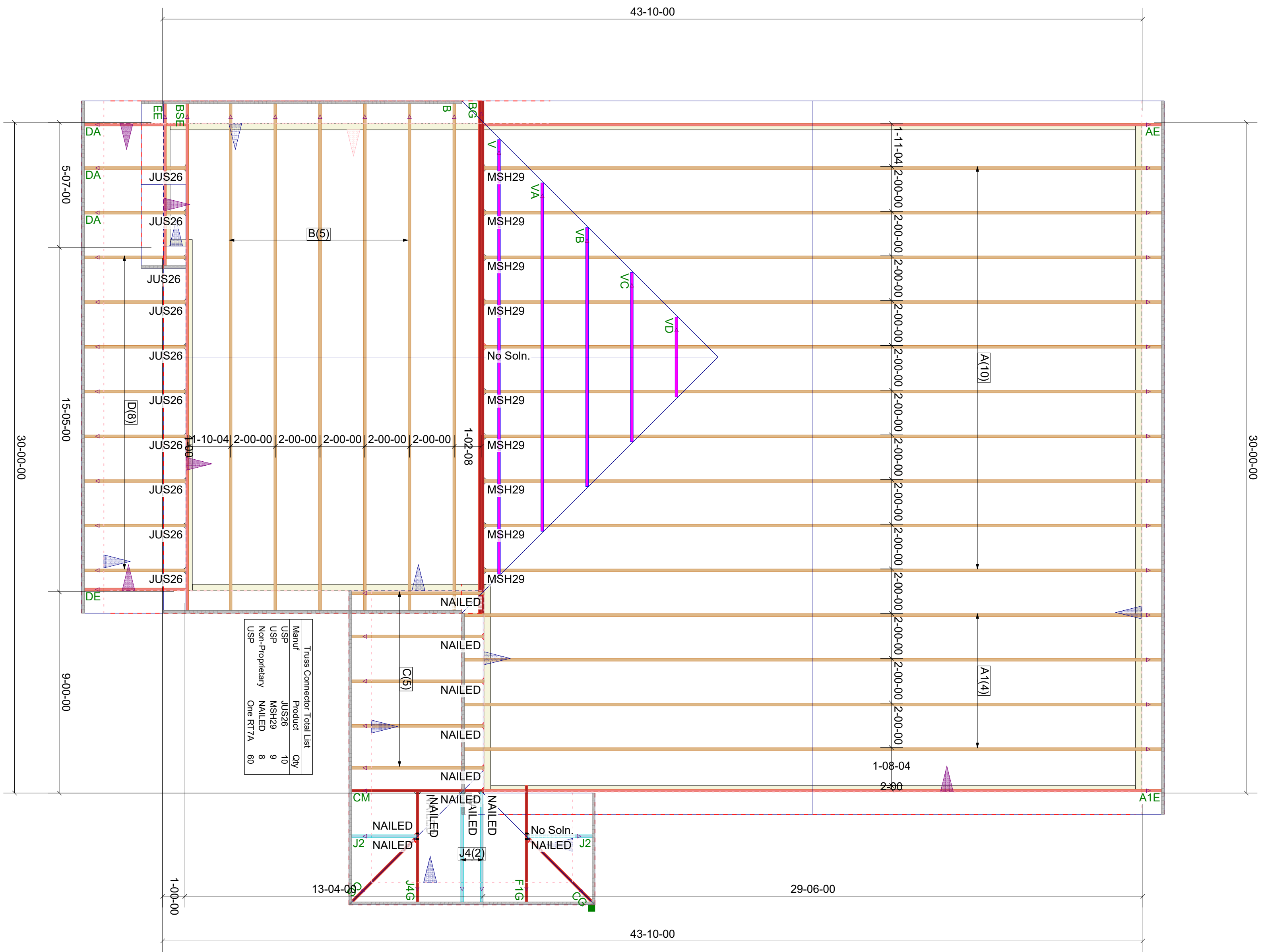


2ND FLOOR LAYOUT

ELECTRICAL LEGEND		
ELECTRICAL	COUNT	SYMBOL
ceiling fan	2	
10" led	2	
7" led	10	
foyer light	1	
dinning room light	1	
coach light	3	
exterior over head light	2	
flood light	2	
vanity bar light	1	



1ST FLOOR LAYOUT

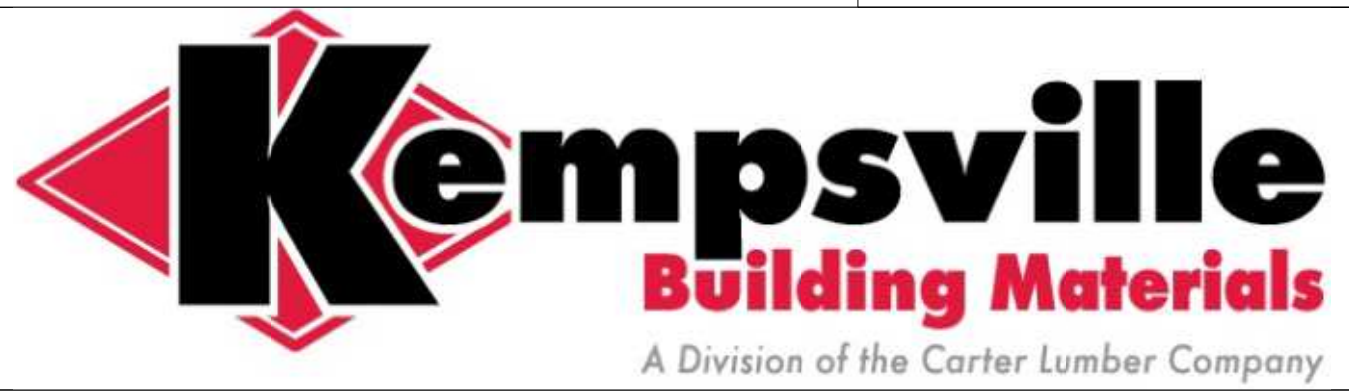


BLOCK SOLID UNDER ALL POST /POINT LOADS FROM ABOVE - TYPICAL AT ALL LOCATIONS

ROOF LAYOUT
DRAWING SCALE : NTS

PROJECT NUMBER 19060010	REVISIONS	
SHEET NUMBER	DATE	BY
	6-18-19	LEE ATKINS
1 / 1		

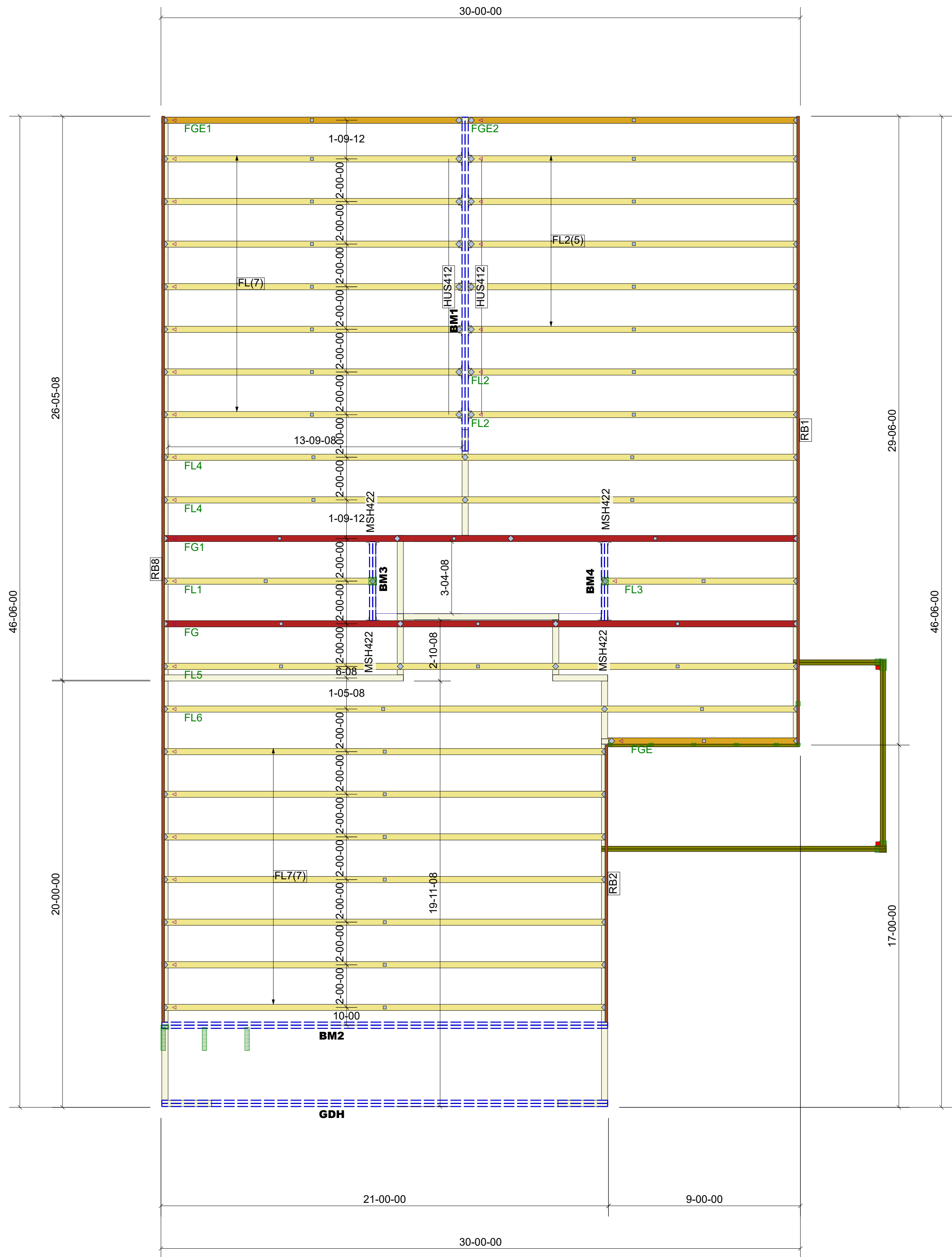
LAMCO
ASH PLAN
ROOF TRUSS LAYOUT



Products					
PlotID	Length	Product	Piles	Net Qty	Fab Type
BM3	4-00-00	2.0 RigidLam DF LVL 1-3/4 x 9-1/4	2	2	FF
BM4	4-00-00	2.0 RigidLam DF LVL 1-3/4 x 9-1/4	2	2	FF
GDH	22-00-00	2.0 RigidLam DF LVL 1-3/4 x 11-7/8	2	2	FF
BM2	22-00-00	2.0 RigidLam DF LVL 1-3/4 x 16	2	2	FF
BM1	16-00-00	2.0 RigidLam DF LVL 1-3/4 x 16	2	2	FF

Connector Summary		
Qty	Manuf	Product
4	USP	MSH422

Truss Connector Total List		
Manuf	Product	Qty
USP	HUS412	14



ROOF LAYOUT
DRAWING SCALE : NTS

BLOCK SOLID UNDER ALL POST /POINT LOADS FROM ABOVE - TYPICAL AT ALL LOCATIONS

PROJECT NUMBER	REVISIONS	
	DATE	BY
19060010	6-18-19	LEE ATKINS
SHEET NUMBER		
1 / 1		

LAMCO

ASH PLAN

ROOF TRUSS LAYOUT

