

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

APPROVED  
Unlimited liability surety  
Permit holder responsible for full compliance with the code

02/05/2024



**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 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.

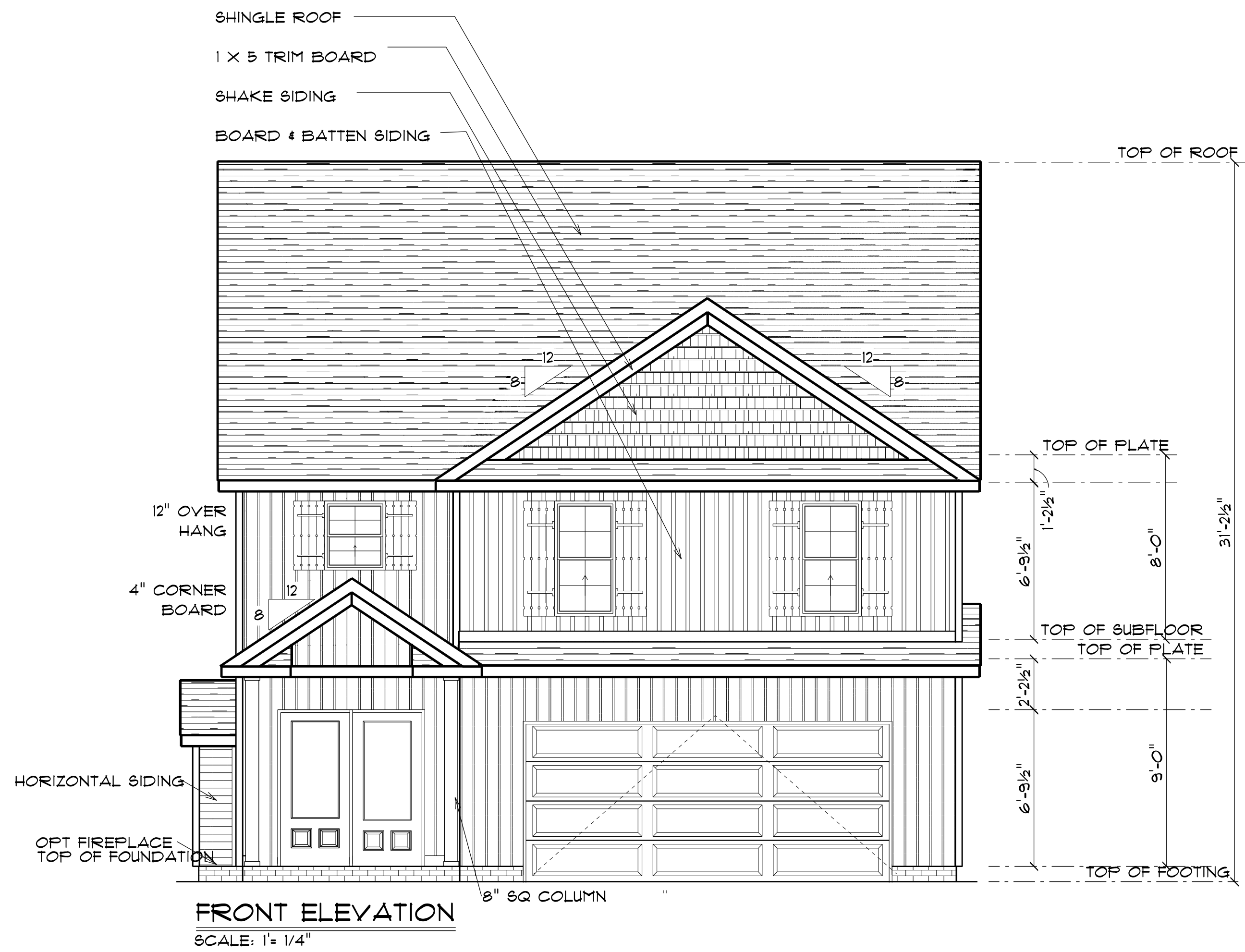
I ASSUME NO RESPONSIBILITY FOR ANY DISTANCES AFTER START OF CONSTRUCTION.  
CONTRACTOR/BUILDER SHALL CONSULT WITH HOME OWNER ON ALL INTERIOR AND EXTERIOR MOLDINGS, TRIMS, COLORS, FINISHES, CABINET LAYOUTS, AND MANUFACTURERS BEFORE CONSTRUCTION BEGINS.  
ALL BEAMS AND FRAMING MEMBERS ARE SIZED BY OTHERS.

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 7-95
- 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, Iw 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.

LAMCO CUSTOM BUILDERS/LAMCO HOMES RETAINS TITLE AND OWNERSHIP OF ALL PLANS. THESE PLANS CAN NOT BE COPIED OR REPRODUCED. THESE PLANS CAN NOT BE BUILT BY ANYONE OTHER THAN LAMCO CUSTOM BUILDERS/LAMCO HOMES




Diane Rives Design  
6205 Proctoring Lane  
Raleigh, NC 27612  
919-770-0353  
d@dienerivesdesign.com

SCALE: 1" = 1/4"  
DRAWN BY:  
DATE: 6/9/2023

LAMCO HOMES

THE ASHBY  
RIGHT FRONT

FRONT  
ELEVATION B

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**LEFT ELEVATION**

SCALE: 1" = 1/4"



**RIGHT ELEVATION**

SCALE: 1" = 1/4"

2B

Diane Rives Design  
6205 Hockingbird Lane  
Saraford, N.C. 27332  
919-710-0353  
golucumarchester.net

DRD

SCALE: 1" = 1/4"

DRAWN BY:

DATE: 6/9/2023

LAMCO HOMES

THE ASHBY  
RIGHT FRONT

ELEVATIONS

**FOUNDATION NOTES:**  
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 THE 28 DAY COMPRESSIVE STRENGTH OF ALL FOOTINGS IS 3000 PSI

PROVIDE WATER PROOFING AND PERIMETER DRAINS AS REQUIRED.

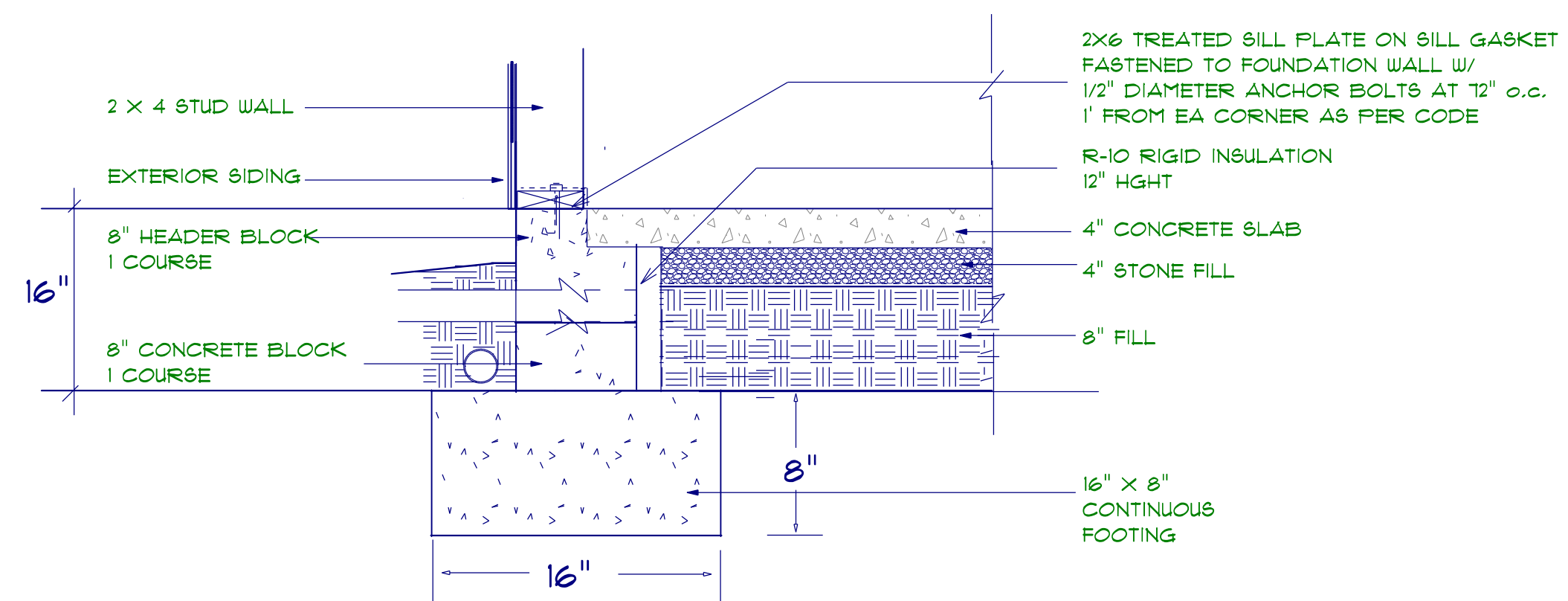
FOUNDATION CONCRETE MIX TO HAVE 1-1/2" MAX AGGREGATE SIZE. CONCRETE FILL MIX TO HAVE 1/2" MAX AGGREGATE SIZE.

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. #36 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.



**STEM WALL FOUNDATION Detail** not to scale

PROVIDE EXPANSION JOINTS AT THE EDGES OF SLABS THAT ARE NOT HEATED OR THAT ARE EXPECTED TO CHANGE TEMPERATURE SIGNIFICANTLY OVER THEIR LIFETIMES  
 ALSO PROVIDE EXPANSION JOINTS TO ISOLATE BUILDING ELEMENTS THAT PENETRATE SLABS SUCH AS STRUCTURAL COLUMNS, WALLS, OR PLUMBING

WELDED WIRE MESH OR REBAR REINFORCEMENT

4" MINIMUM CONCRETE SLAB

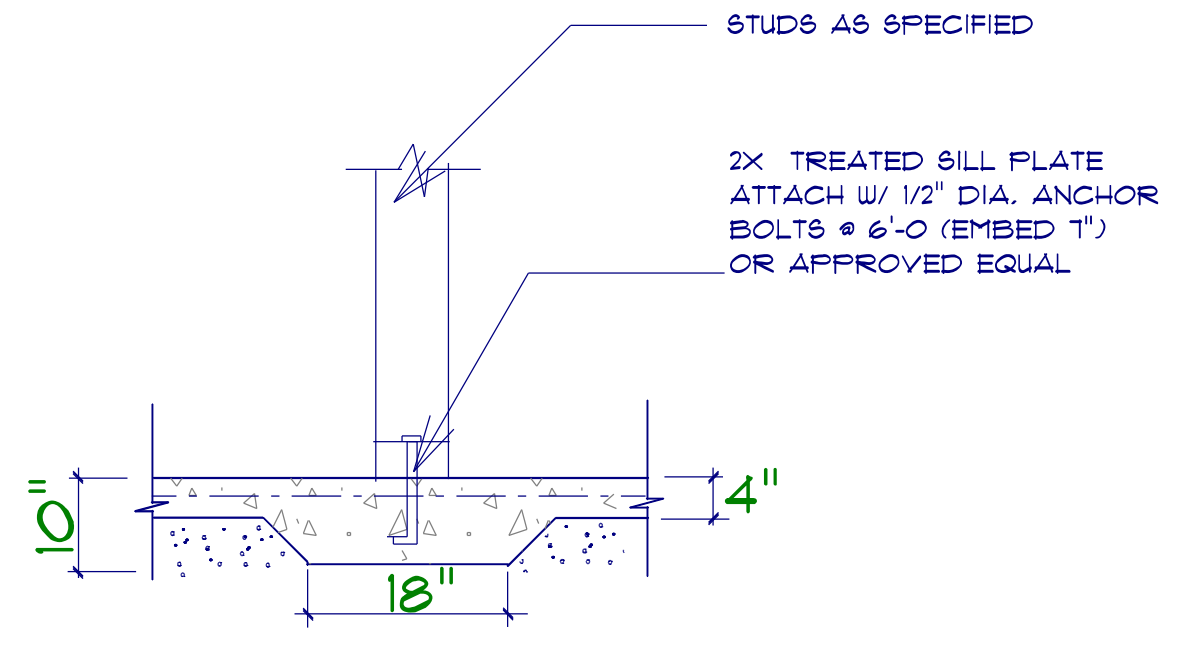
6 MIL POLYETHYLENE CONCRETE RATED MOISTURE BARRIER

4" MIN. COMPACTED GRAVEL -- GRAVEL MUST BE CLEAN AND FREE FROM ORGANIC MATTER

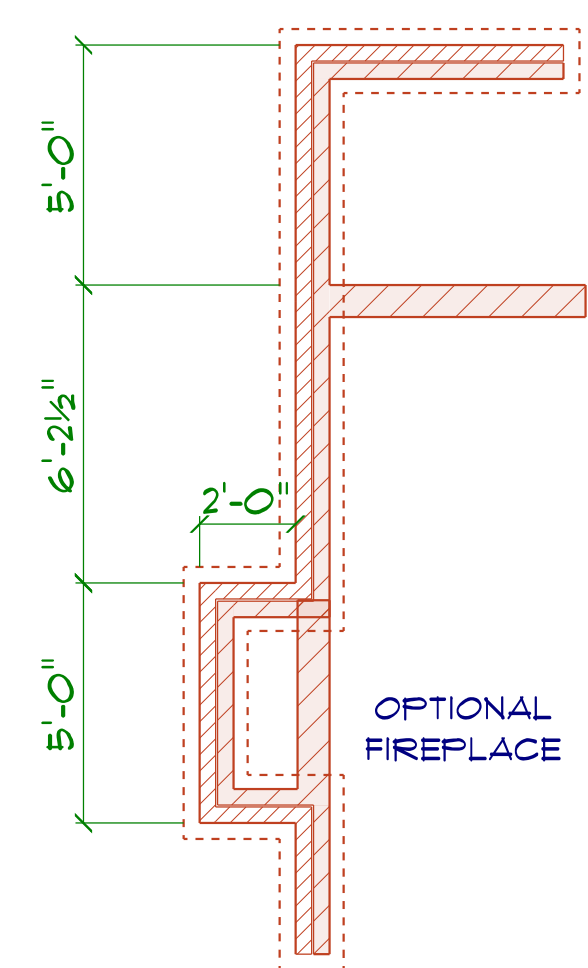
SOIL MUST BE SOLID AND FREE OF ORGANIC MATERIAL -- SOME SOILS REQUIRE COMPACTION -- IN TERMITE AREAS THE SOIL MAY REQUIRE CHEMICAL TREATMENT -- CONTRACTOR TO VERIFY COMPACTION AND SOIL TREATMENT REQUIREMENTS OF LOCAL AREA

**CONTROL JOINTS**  
 PROVIDE CONTROL JOINTS TO INDUCE CRACKING AT SELECTED LOCATIONS  
 -- TROWEL OR CUT JOINTS INTO THE SURFACE OF SLABS TO ABOUT 1/4 OF THE SLAB DEPTH AND AT 20 FT. INTERVALS  
 -- COLD JOINTS CAN ACT AS CONTROL JTS

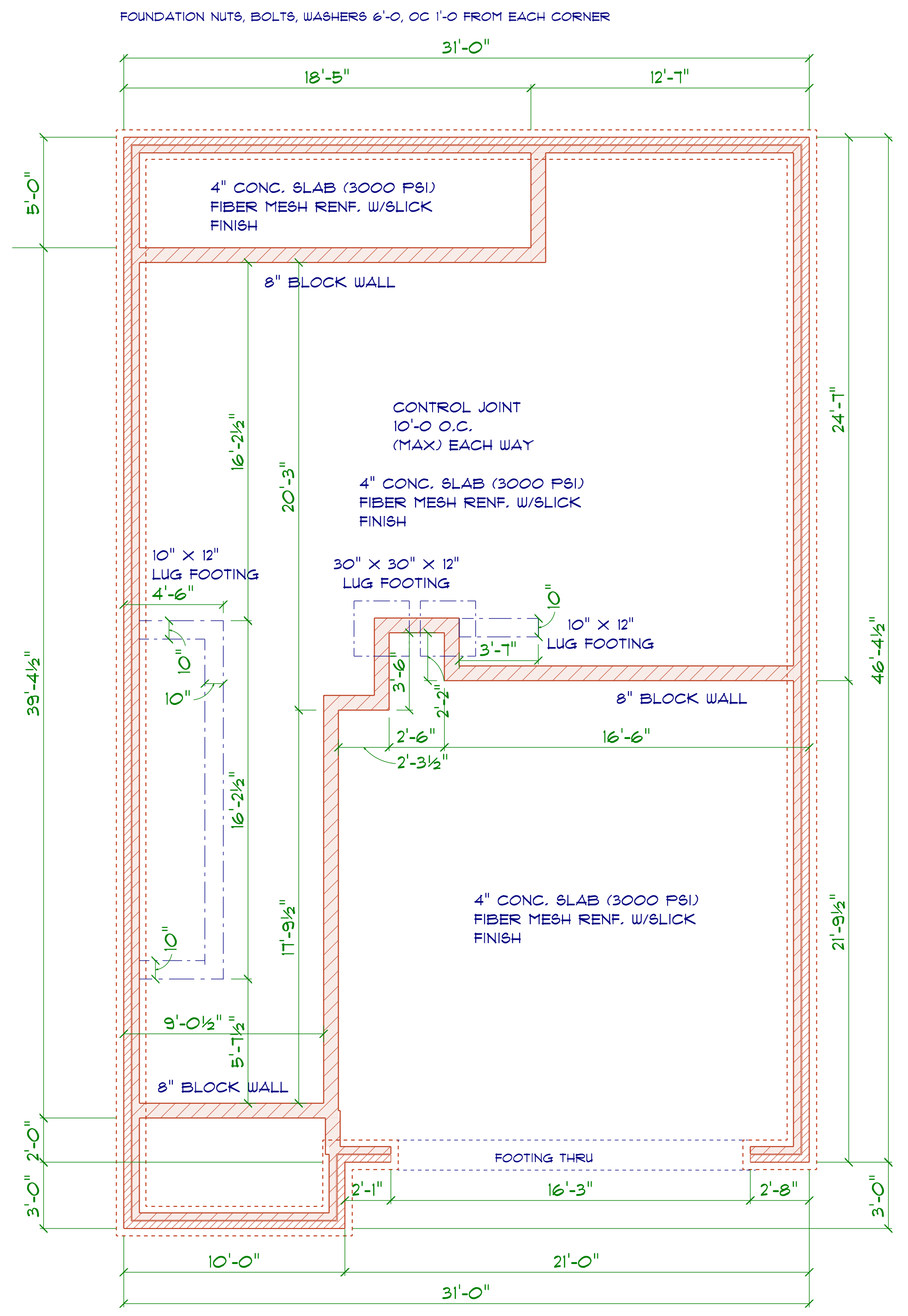
**CONCRETE SLAB DETAILS / NOTES**



**TYPICAL THICKENED SLAB**



**OPTIONAL FIREPLACE**



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

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**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 SILL PLATE WITH 8d TOE NAILS.

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

PROVIDE WATERPROOFING AND DRAINS AS REQUIRED.

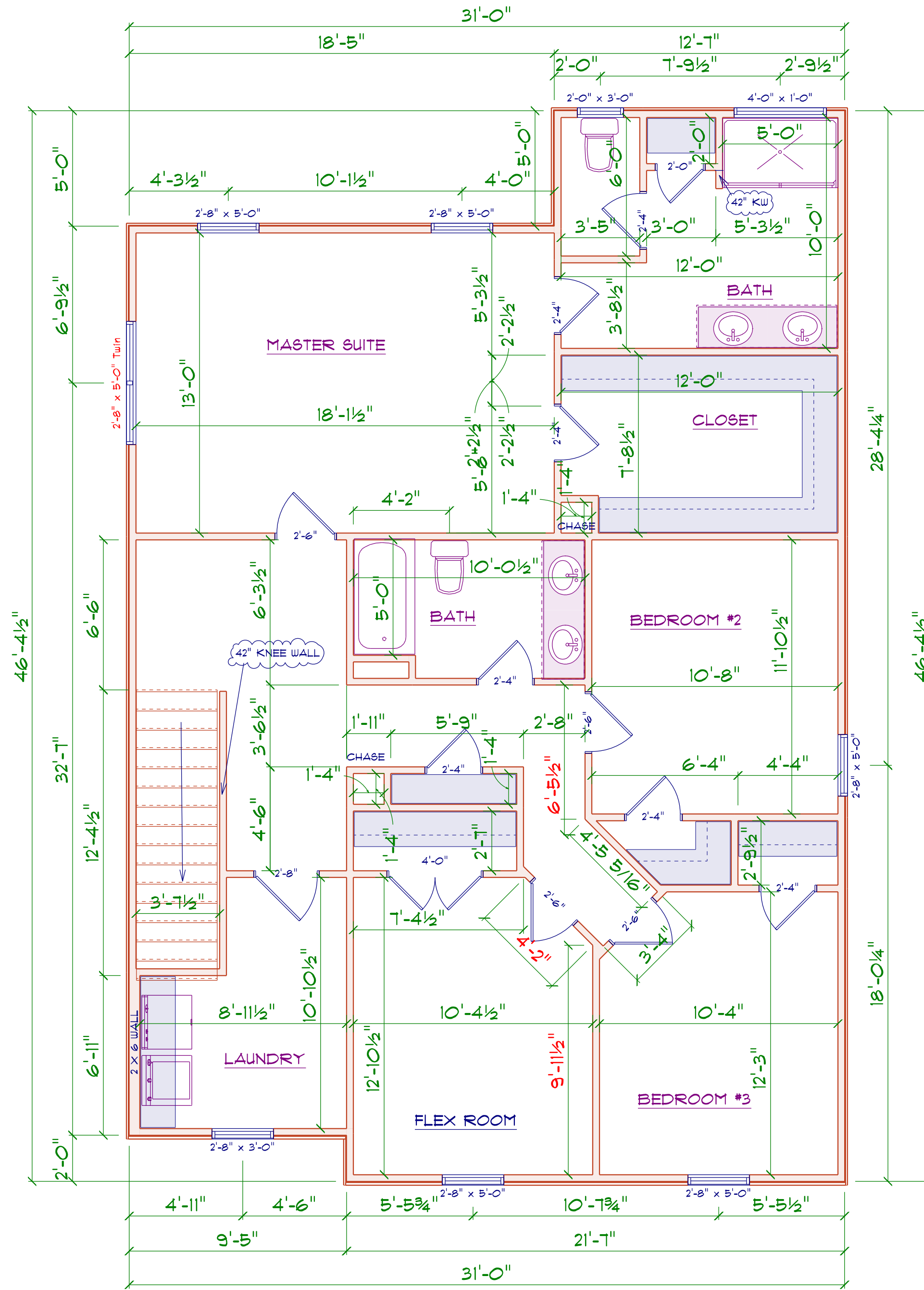
ALL FRAMING TO BE 16" OC UNO. WALL FRAMING DIMENSIONS ARE BASED ON 2 X 4 STUDS UNO. DOUBLE STUDS UNDER ALL HEADERS.

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

EXTERIOR WALLS IN LIVING AREAS ARE 2 X 4

WINDOW SCHEDULE				
SIZE	COUNT	LIBRARY NAME	R.O. WIDTH	R.O. HEIGHT
2'-0" x 3'-0"	1	Window\Single Hung	24"	36"
2'-8" x 3'-0"	1	Window\Single Hung	32"	36"
2'-8" x 5'-0"	6	Window\Single Hung	32"	60-1/2"
2'-8" x 5'-0" Twin	1	Window\Single Hung	64"	60-1/2"
4'-0" x 1'-0"	1	Window\Transom	48"	12"

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**2ND FLOOR PLAN**

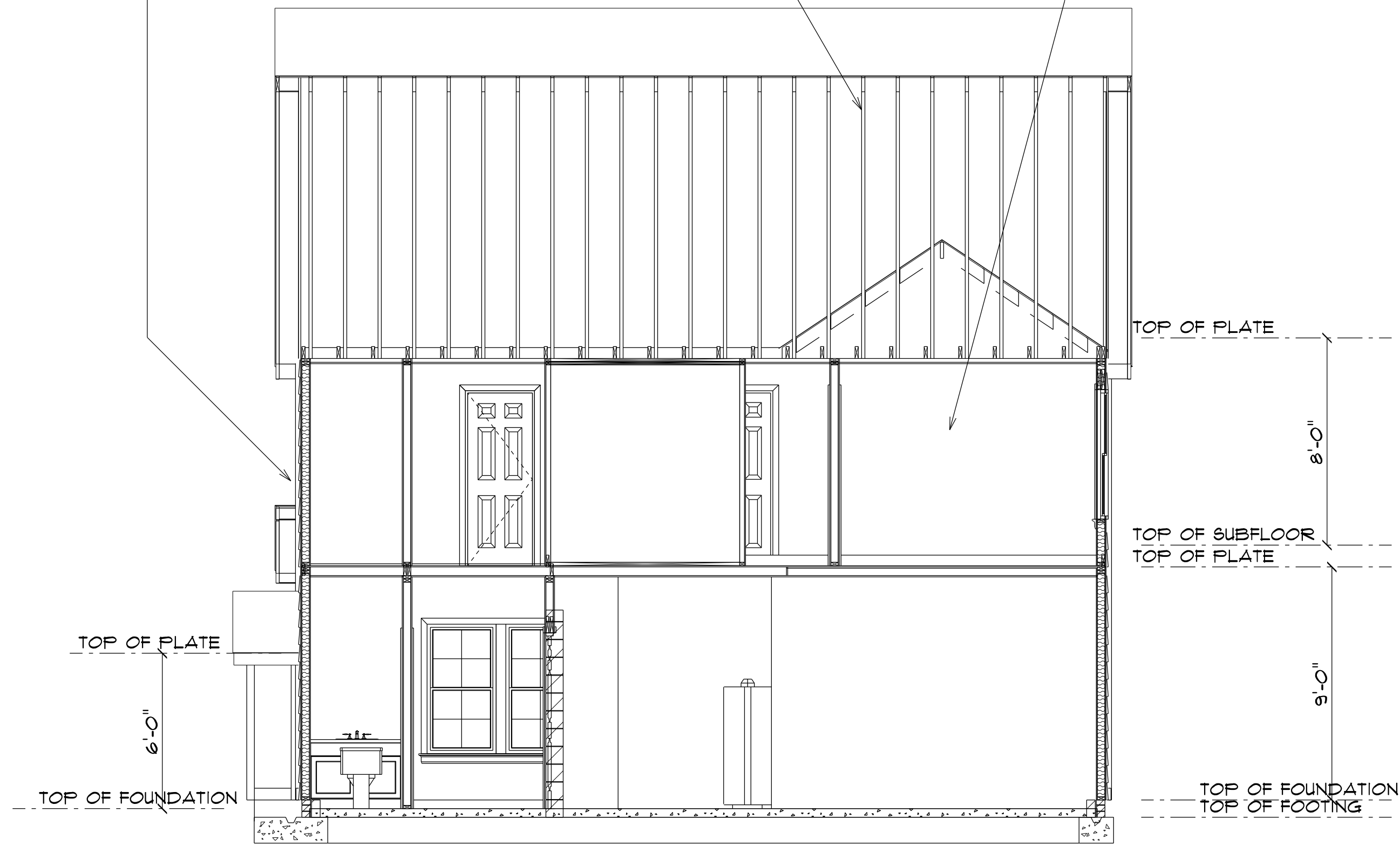
SCALE: 1" = 1/4"

AREA SCHEDULE	
NAME	AREA
Heated	1284 sq. ft.

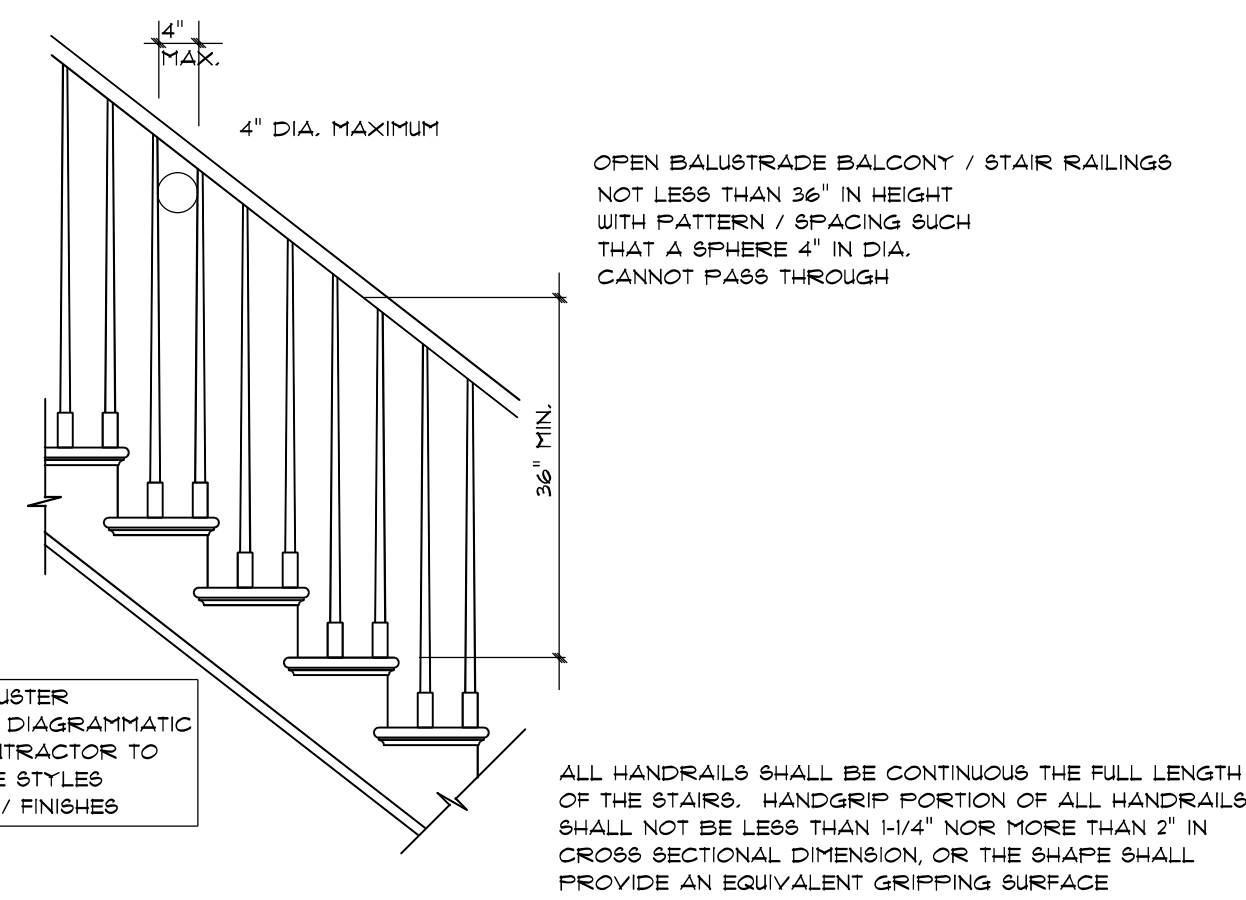
TYPICAL 2x4 SIDING EXTERIOR WALL:  
 HORIZONTAL SIDING  
 1/16" PLYWOOD SHEATHING  
 2x4 STUDS @ 16" o.c.  
 R15 BATT INSULATION  
 1/2" DRYWALL  
 TAPED & SANDED

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

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



**SECTION A**  
 SCALE: 1" = 1/4"



**STAIR RAILING**  
 NOT TO SCALE

**ROOF NOTES:**

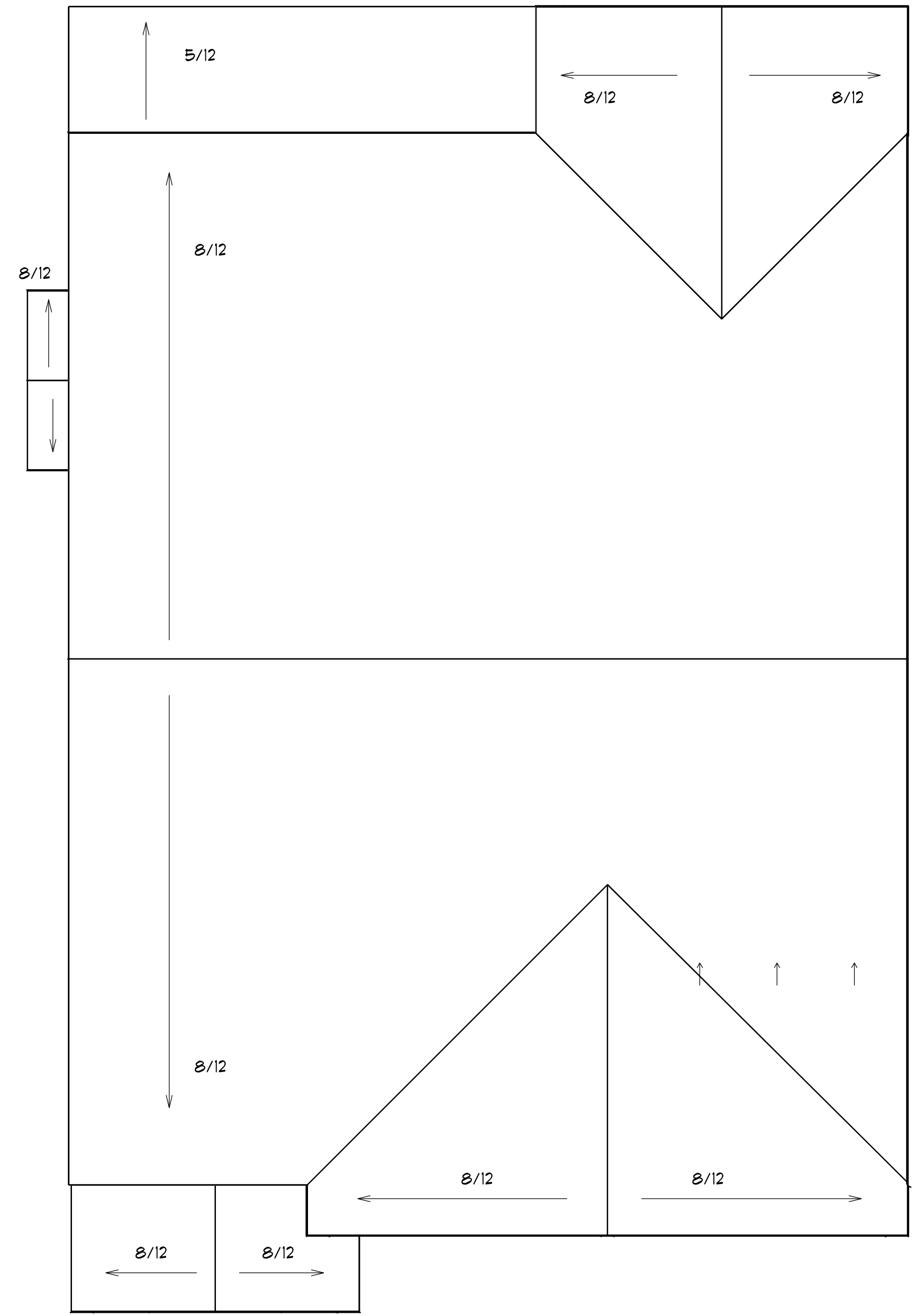
TRUSSES, BRACINGS, BRIDGING AND CONNECTORS ARE TO BE DESIGNED BY THE TRUSS MANUFACTURER.

IDENTIFY LUMBER BY OFFICIAL GRADE MARKINGS.

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

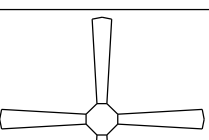
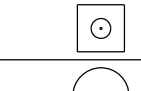

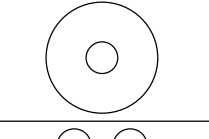
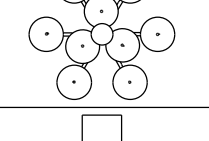
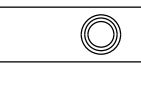
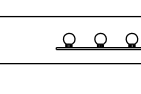

WHERE PRE-ENGINEERED ROOF TRUSSES ARE USED, TRUSS MANUFACTURER SHALL PROVIDE SHOP DRAWINGS, WHICH BEAR SEAL OF A N. C. REGISTERED ENGINEER.

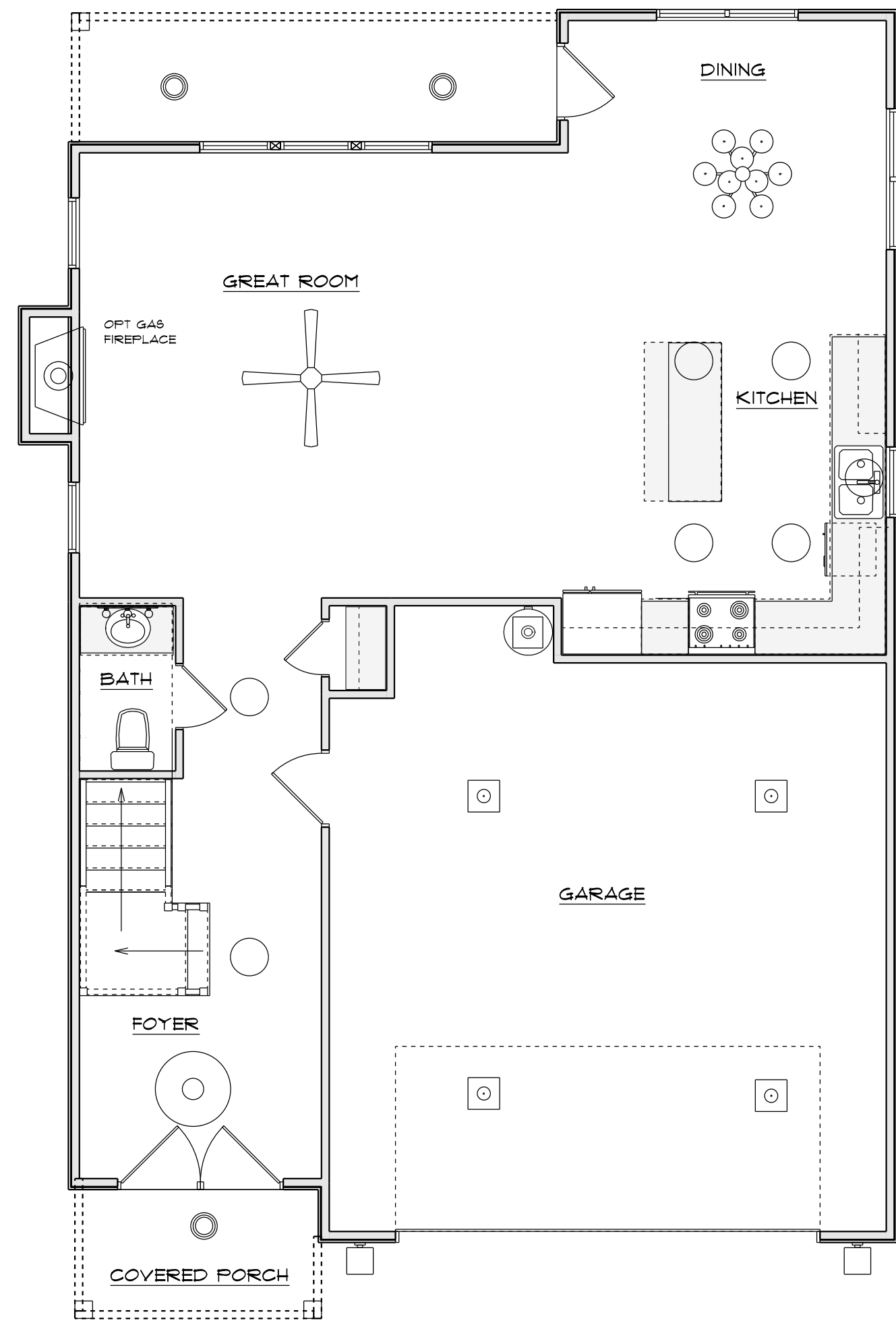
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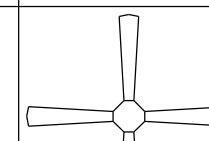
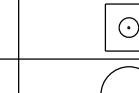

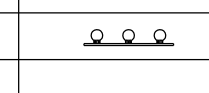
**ROOF PLAN**  
 SCALE: 1" = 1/4" 12" OVER HANG ALL

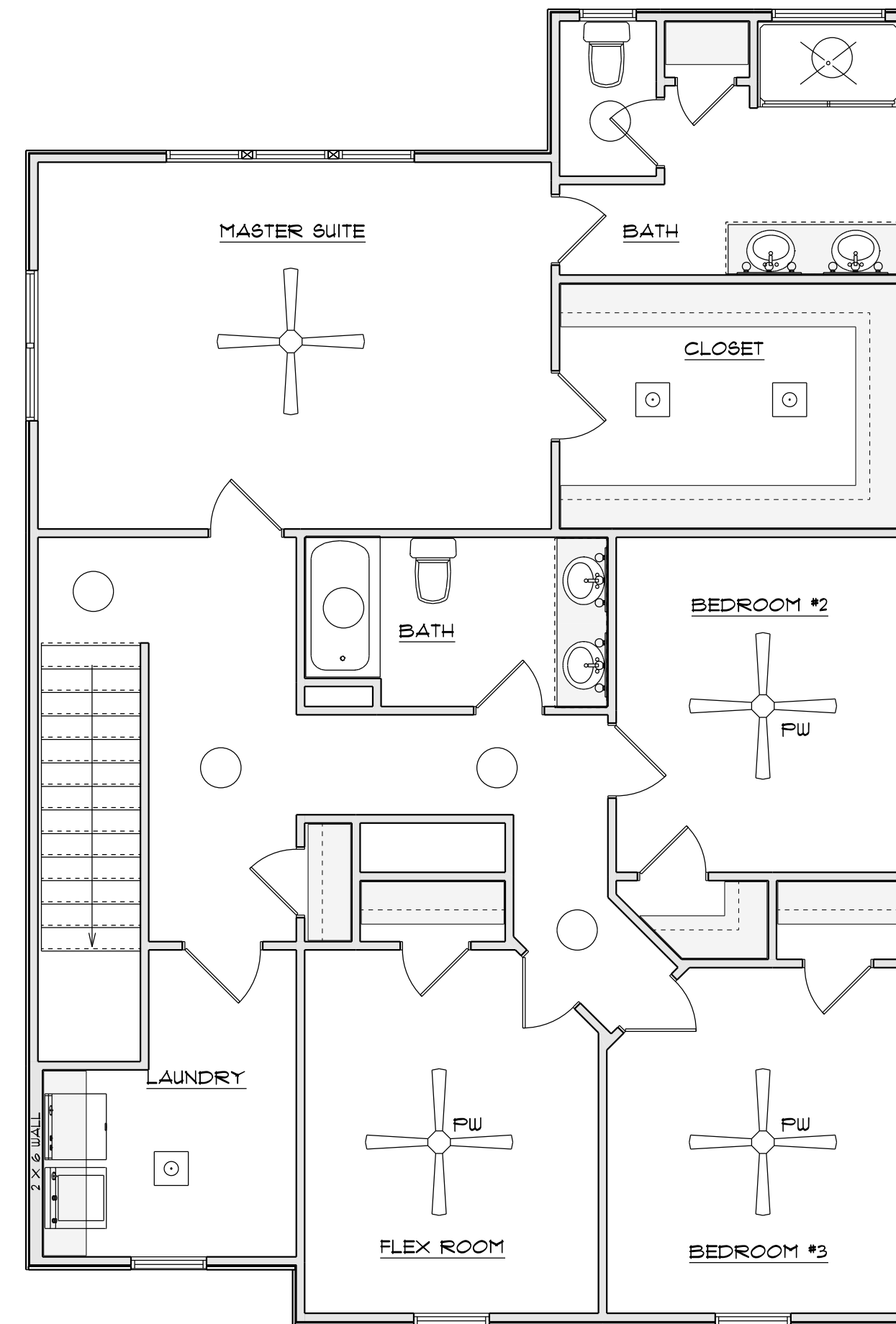
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ELECTRICAL LEGEND		
ELECTRICAL	COUNT	SYMBOL
ceiling fan	1	
10" led	4	
7" led	7	
foyer light	1	
dinning room light	1	
coach light	2	
exterior over head light	3	
vanity bar light	1	

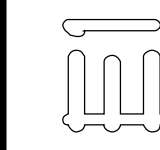


1ST FLOOR PLAN

ELECTRICAL LEGEND		
ELECTRICAL	COUNT	SYMBOL
ceiling fan	1	
10" led	3	
7" led	7	
foyer light		
dinning room light		
coach light		
exterior over head light		
flood light		
vanity bar light	4	



2ND FLOOR PLAN



Diane Rivers Design  
6005 Hickorywood Lane  
Bedford, N.C. 28622  
919.856.2424  
dri@dieneriversdesign.com

DRD

SCALE: 1/4" = 1'-0"

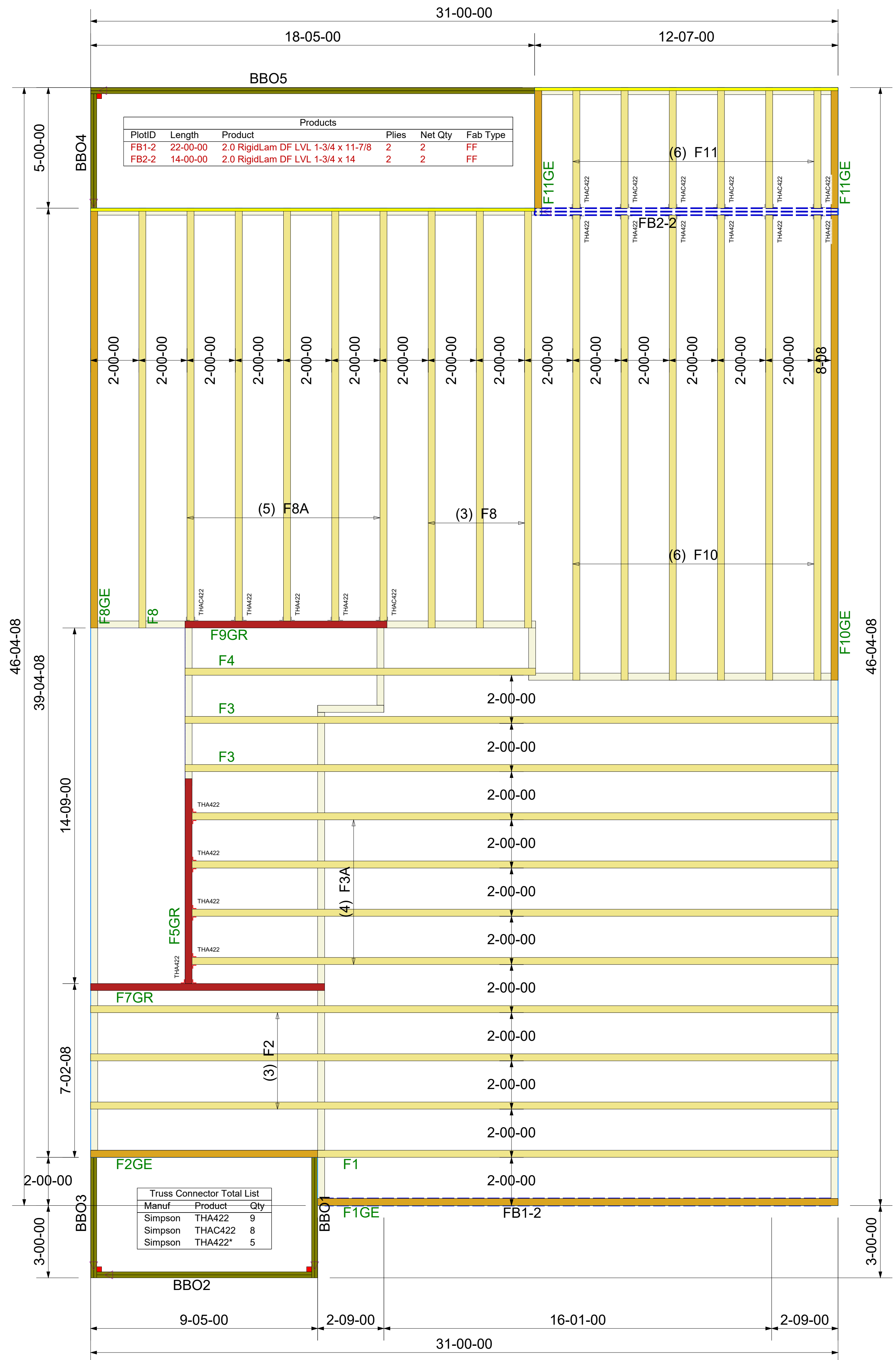
DRAWN BY:

DATE: 4/18/2022

LAMCO HOMES

THE ASHBY  
RIGHT GARAGE

ELECTRICAL  
LAYOUT



# FLOOR TRUSS FRAMING

DRAWING SCALE : NTS

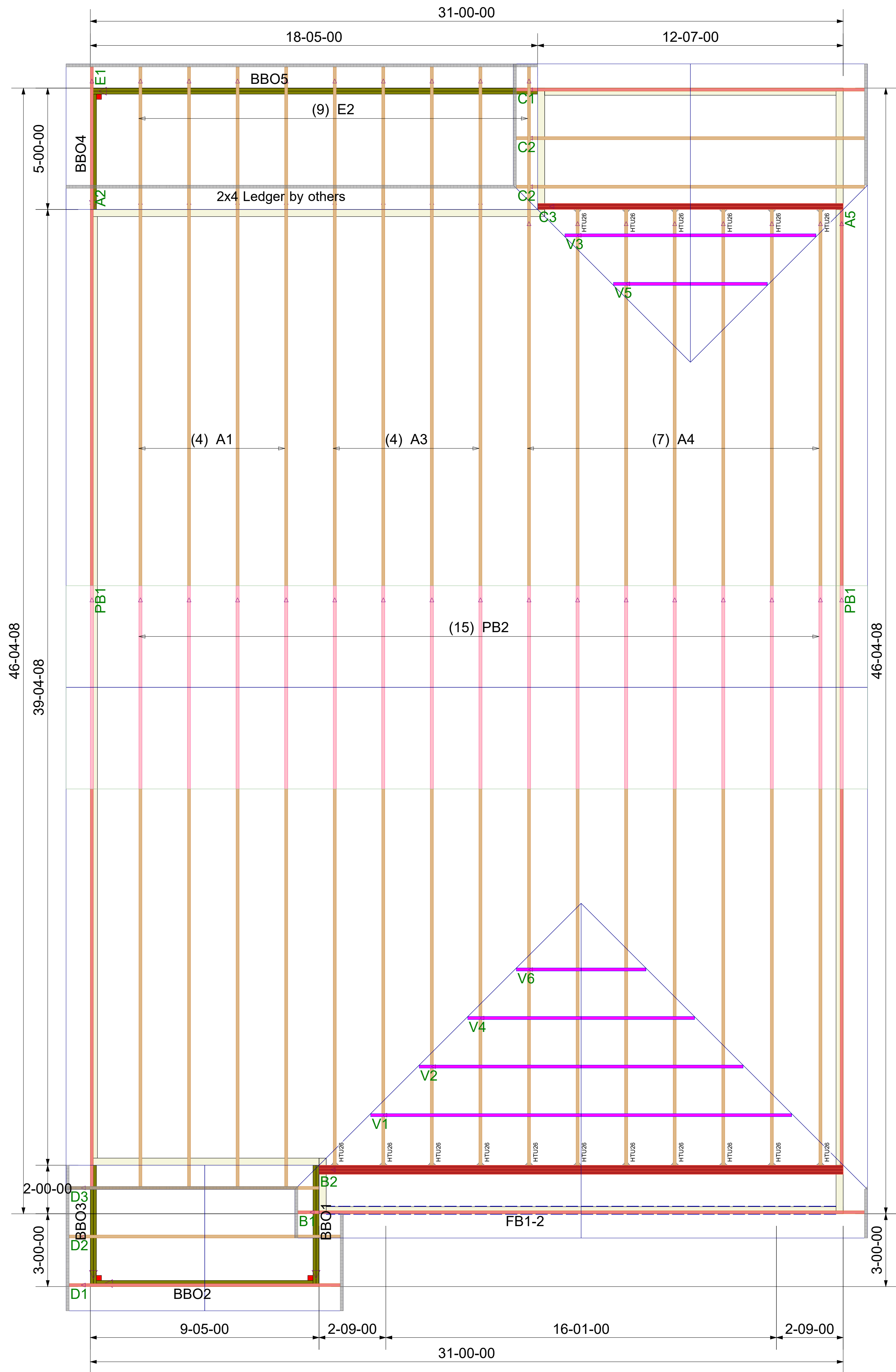


LAMCO  
ASHBY PLAN  
ADDRESS

REVISIONS	
DATE	BY
5-11-22	MF

PROJECT NUMBER  
XXXXXXXXX  
SHEET NUMBER  
**1 / 1**





Truss Connector Total List		
Manuf	Product	Qty
Simpson	HTU26	17
Simpson	LGT3-SDS2.5	2
Simpson	One H2.5A	40

# ROOF TRUSS FRAMING

DRAWING SCALE : NTS



LAMCO  
ASHBY PLAN  
ADDRESS

REVISIONS	
DATE	BY
5-11-22	MF

PROJECT NUMBER  
XXXXXXXXX  
SHEET NUMBER  
**1 / 1**

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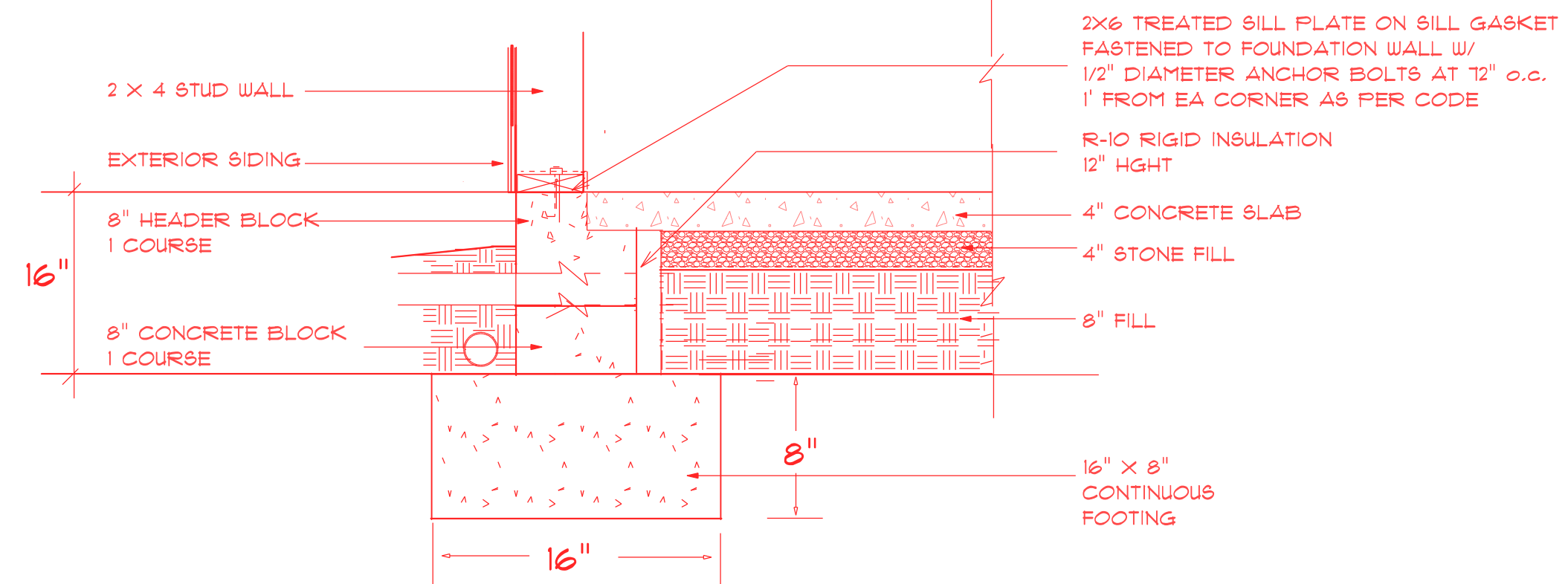
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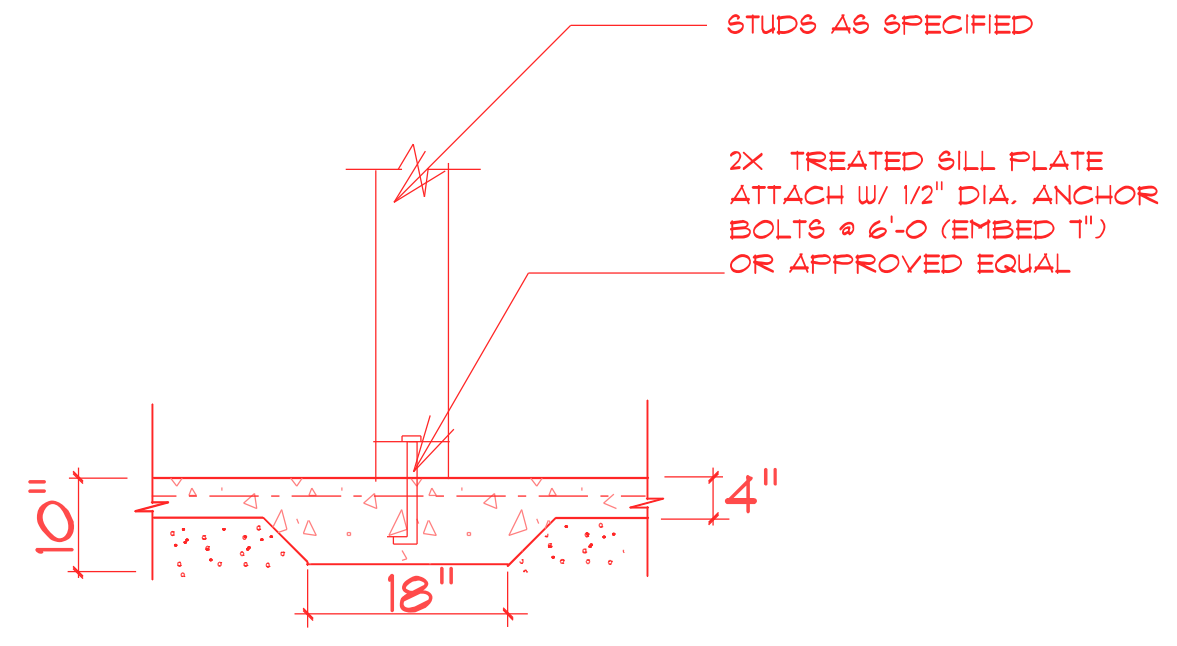
4" MINIMUM CONCRETE SLAB

6 MIL POLYETHYLENE CONCRETE RATED MOISTURE BARRIER

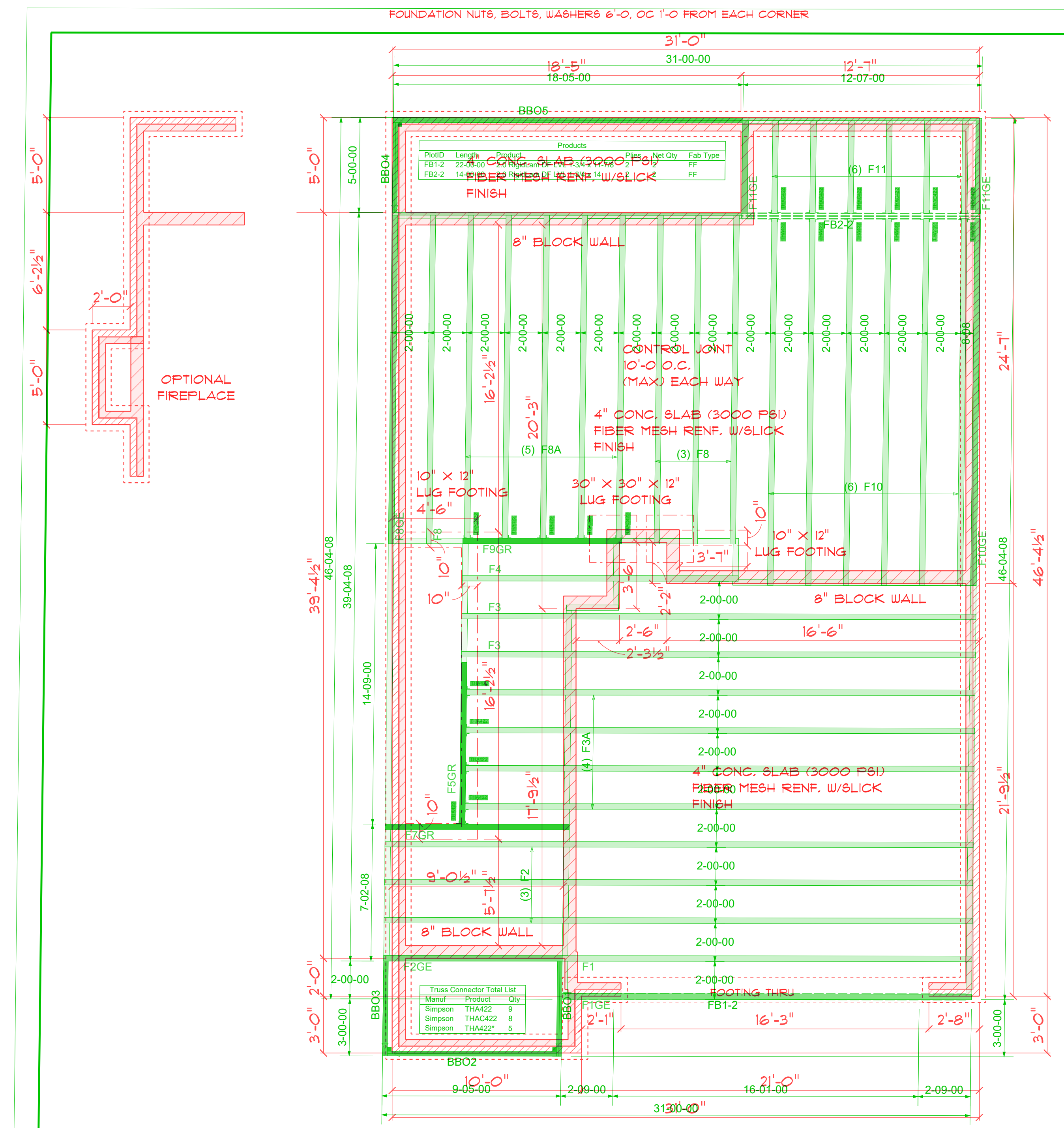
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**CONCRETE SLAB DETAILS / NOTES**



**TYPICAL THICKENED SLAB**



**FOUNDATION PLAN**

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