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 HGHT 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 MANUFACTORS BEFORE CONSTRUCTION BEGINS.
ALL BEAMS AND FRAMING MEMBERS ARE SIZED BY OTHERS.

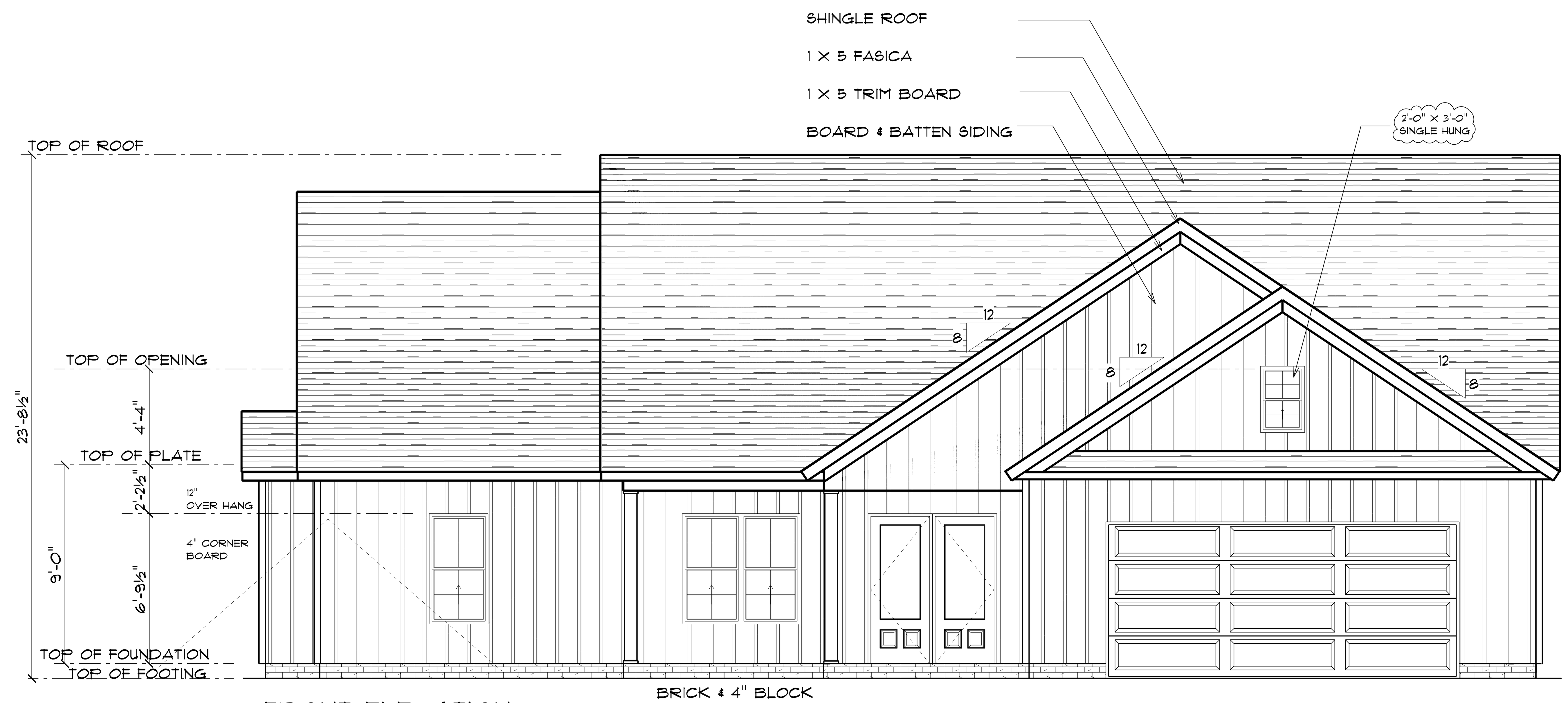
1.1 This plan has been drawn to comply with the 2018 NC Building Code

1.2 Minimum Design Loads for Building and Other Structures ASCE 7-98
2 Roof Dead Load 115 PSF
3 Roof Live Load 20 PSF
4 Typical Floor Dead Load 10 PSF
5 Floor Live Loads
- 5.1 Rooms other than sleeping rooms 40 PSF
- 5.2 Sleeping Rooms 30 PSF
- 5.3 Stairs 40 PSF
- 5.4 Decks 40 PSF
- 5.5 Exterior Balconies 60 PSF

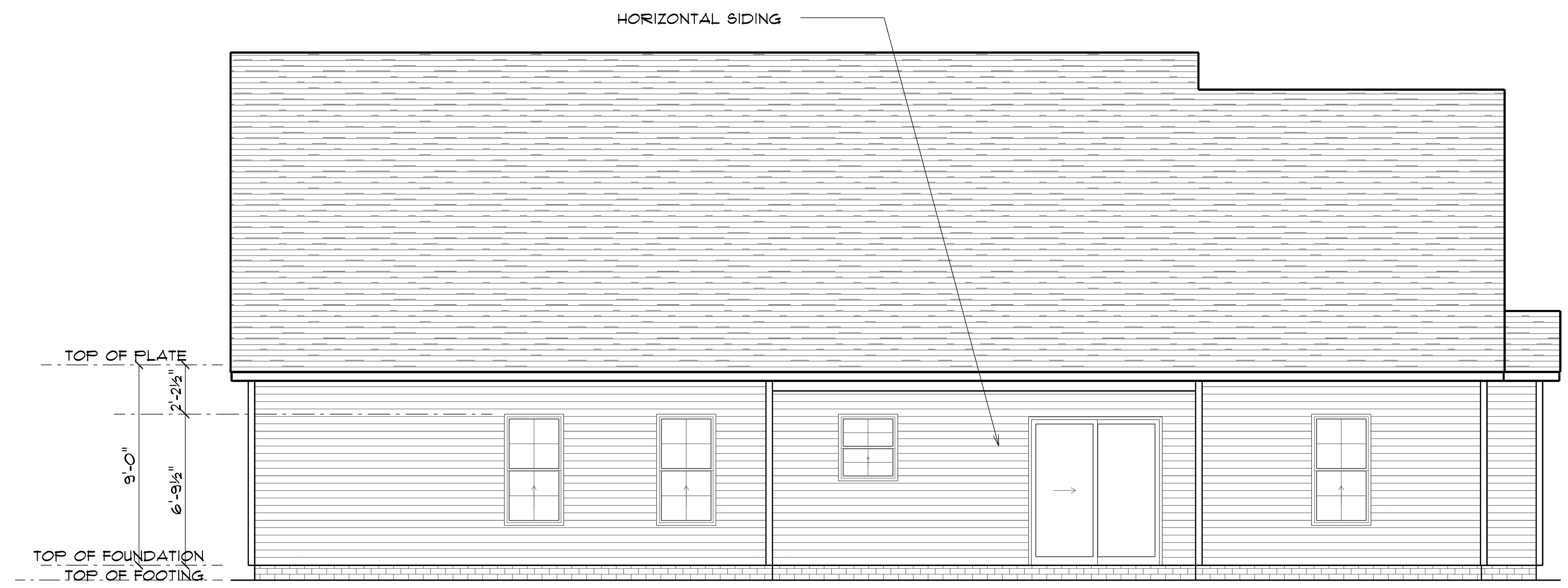
6 Wind Loads
- 6.1 Ultimate Design Wind Speeds 15 MPH
- 6.2 Wind Importance Factor, IW 1.00
- 6.3 Exposure B
- 6.4 Walls (Component and Cladding) 25 PSF
- 6.5 Roofs (Component and Cladding)
  - 6.5.1 Roof Slopes 2.25/12 to 7/12 34.8 PSF
  - 6.5.2 Roof Slopes 7/12 to 12/12 21 PSF

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.

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
01/18/2023
Harnett COUNTY NORTH CAROLINA



FRONT ELEVATION
SCALE: 1'= 1/4"



REAR ELEVATION
SCALE: 1'= 1/4"

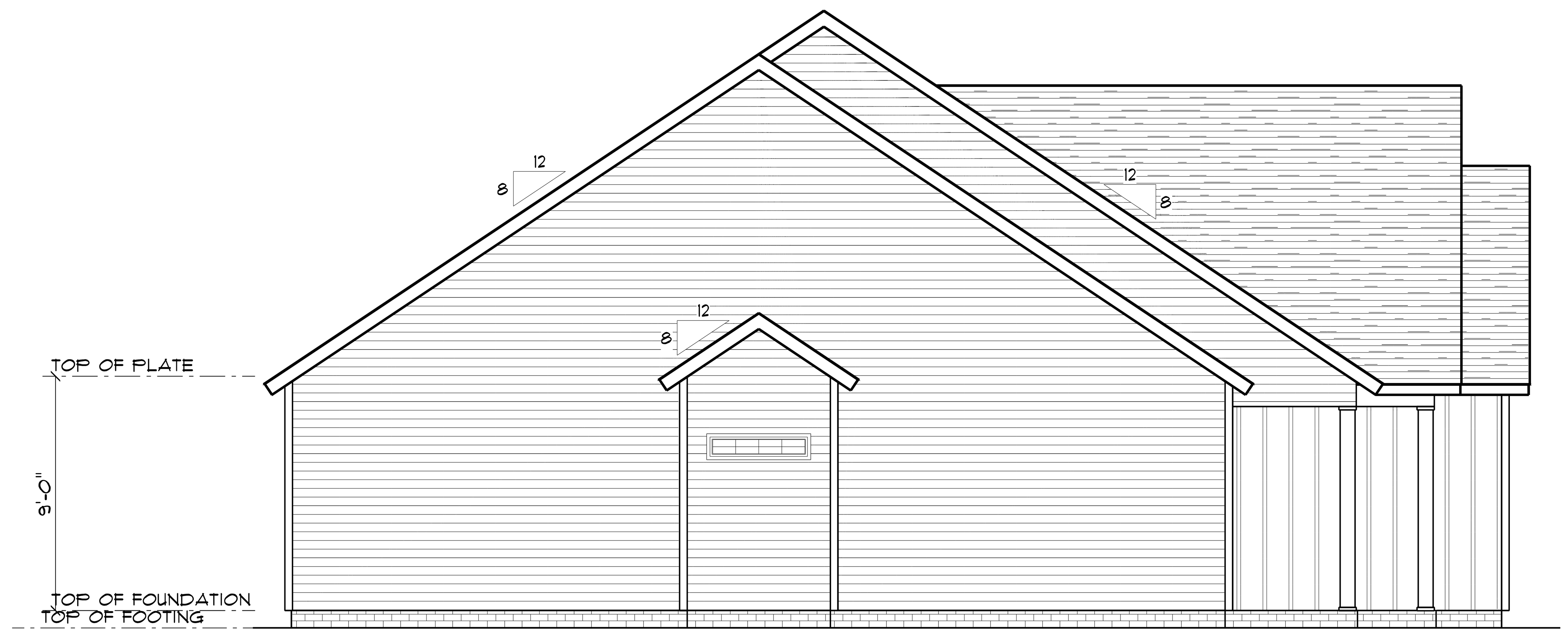
PAGE #: 1A
Diane Rives Designs
6205 Mockingbird Lane
Sanford, N.C. 27332
919-770-0353
golfwoman@charter.net
DRD

SCALE: 1'= 1/4"
DRAWN BY:
DATE: 3/31/2022

LAMCO HOMES

THE TRINITY
RIGHT GARAGE

ELEVATIONS



LEFT ELEVATION

SCALE: 1'= 1/4"

RIGHT ELEVATION

SCALE: 1'= 1/4"

PAGE #: 2A

DRD
Diane Rives Designs
6205 Mockingbird Lane
Sanford, N.C. 27332
919-770-0353
golfwoman@charter.net

SCALE: 1'= 1/4"
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LAMCO HOMES

THE TRINITY
RIGHT GARAGE

ELEVATIONS

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.

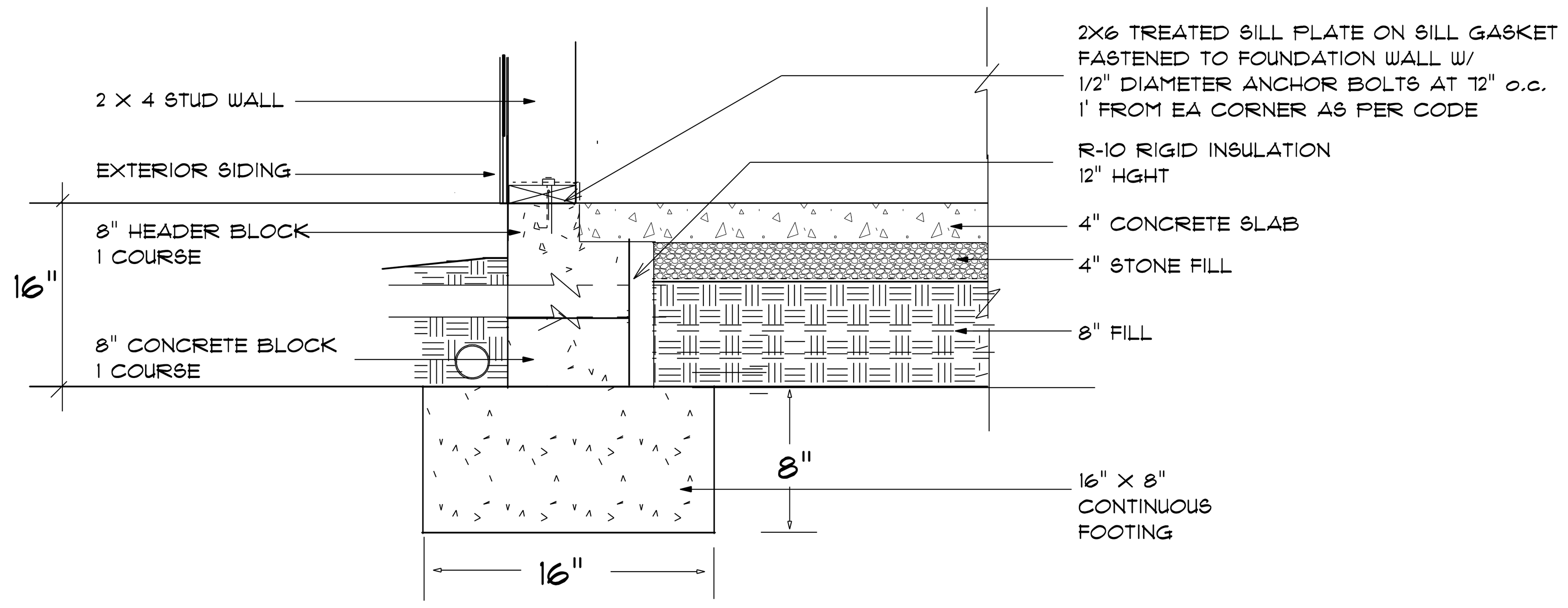
FOUNDATION CONCRETE MIX TO HAVE 1-1/2" MAX AGGREGATE SIZE. CONCRETE FILL MIX TO HAVE 1/2" MAX AGGREGATE SIZE.

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.

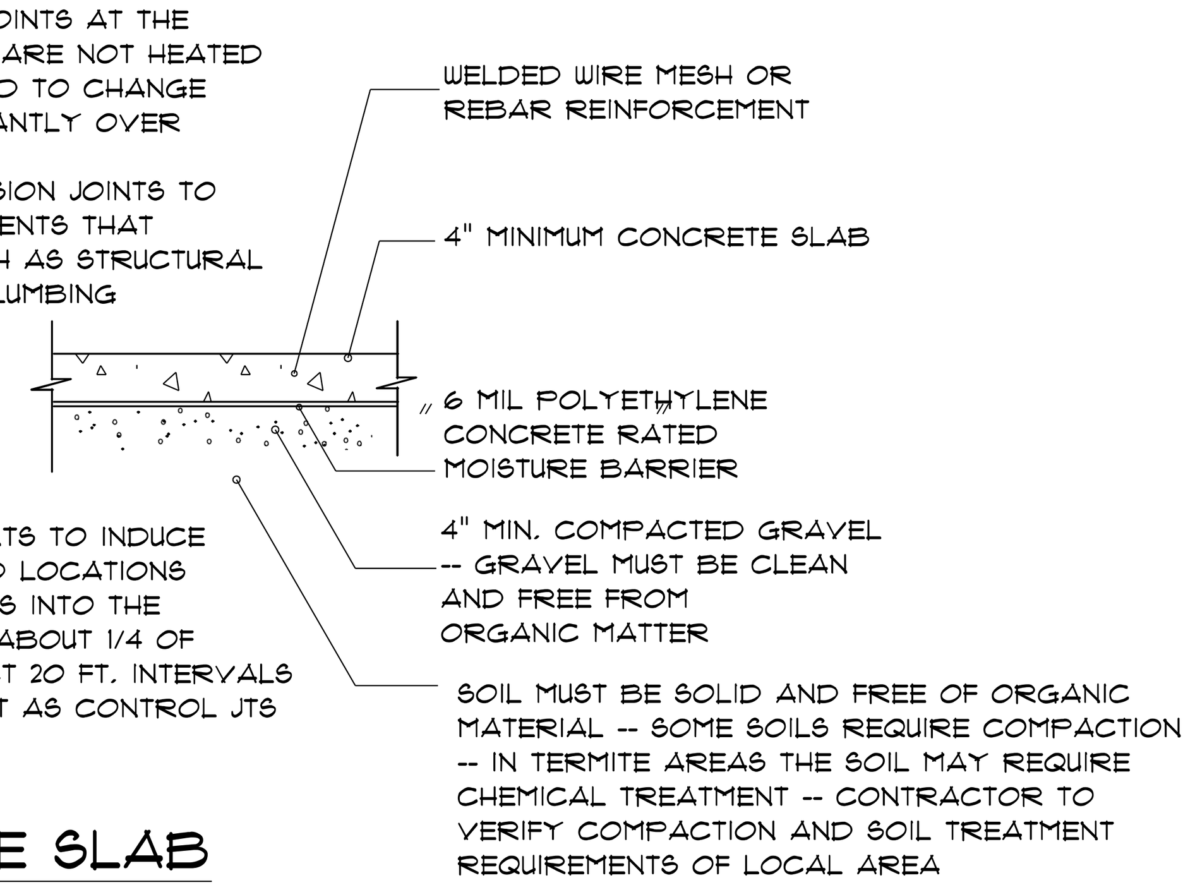


STEM WALL FOUNDATION Detail

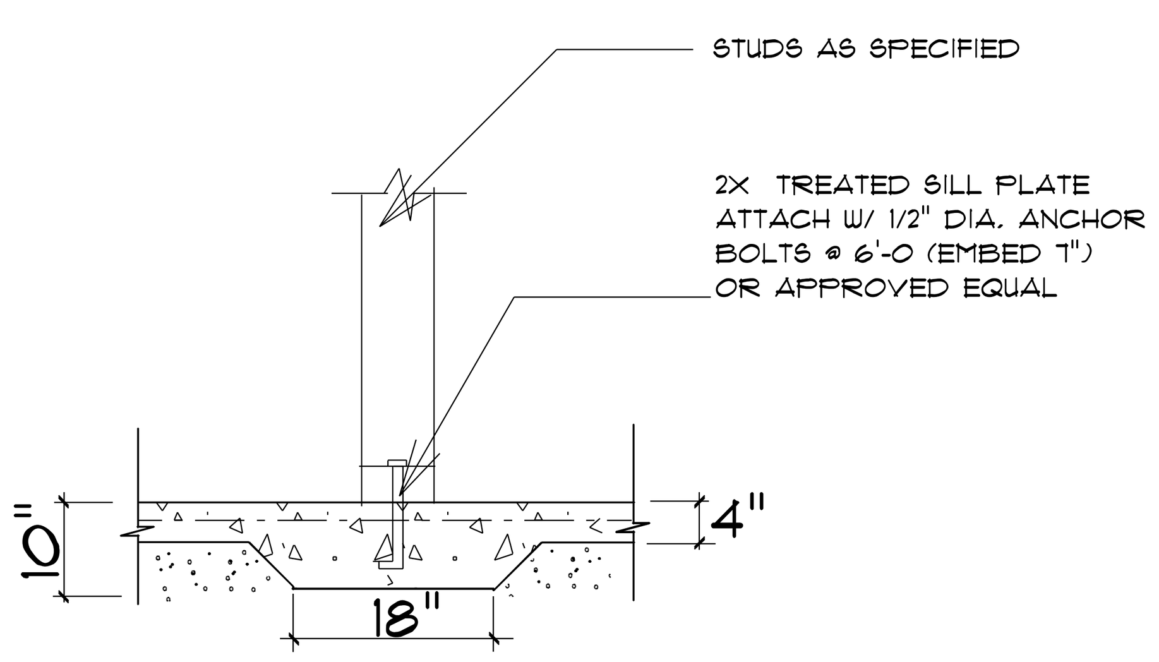
not to scale

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

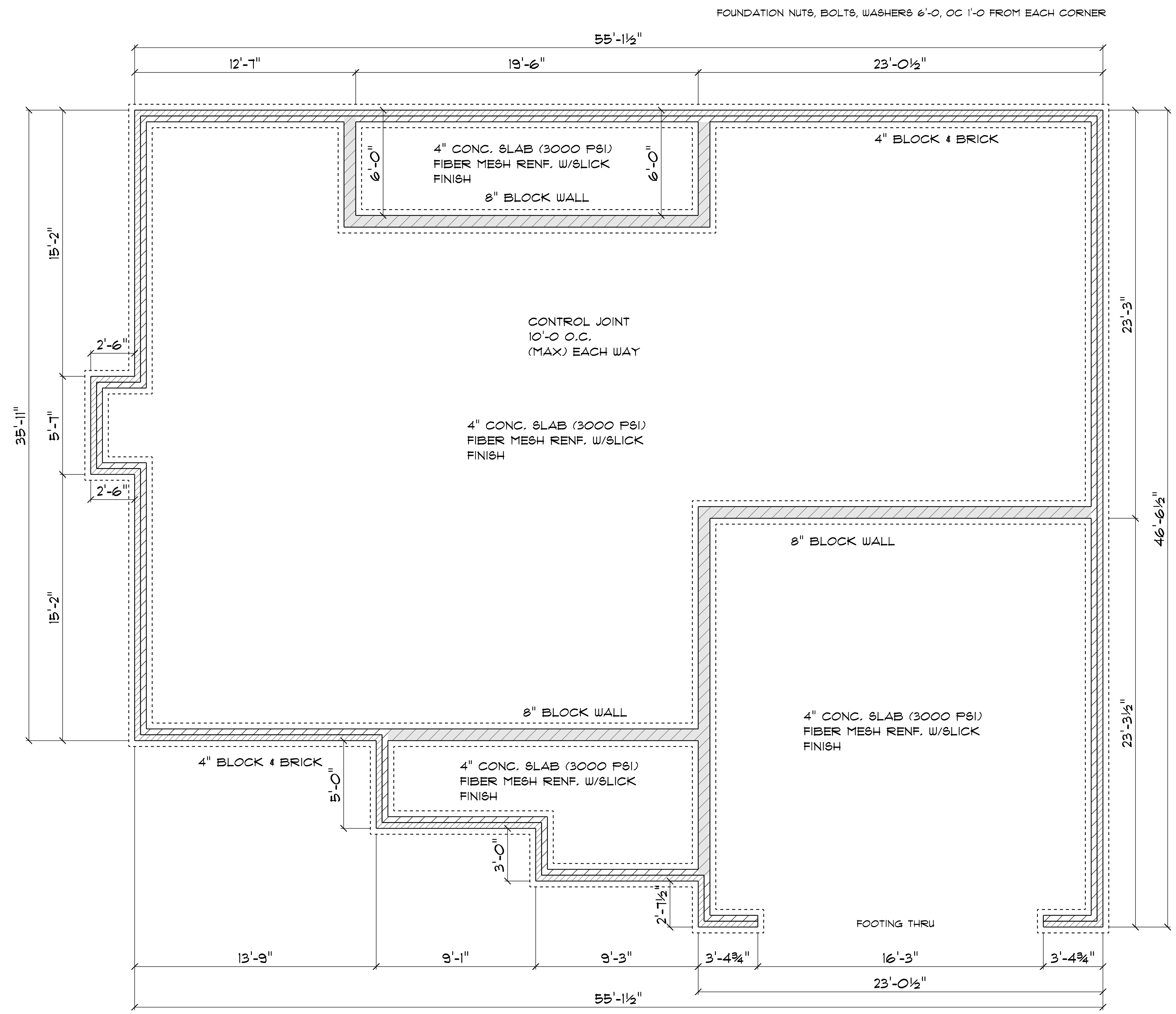
CONTROL JOINTS
PROVIDE CONTROL JOINTS TO INDUCE CRACKING AT SELECTED LOCATIONS
-- TROWEL OR CUT JOINTS INTO THE SURFACE OF SLABS TO ABOUT 1/4 OF THE SLAB DEPTH AND AT 20 FT. INTERVALS
-- COLD JOINTS CAN ACT AS CONTROL JTS



CONCRETE SLAB
DETAILS / NOTES



TYPICAL THICKENED SLAB



FOUNDATION PLAN

SCALE: 1'= 1/4"

PAGE #: 3B

DRD
Diane Rives Designs
6205 Mockingbird Lane
Sanford, N.C. 27332
919-770-0353
golfwoman@charter.net

SCALE: 1'= 1/4"
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LAMCO HOMES

THE TRINITY
RIGHT GARAGE

STEM WALL
FOUNDATION PLAN

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" 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.

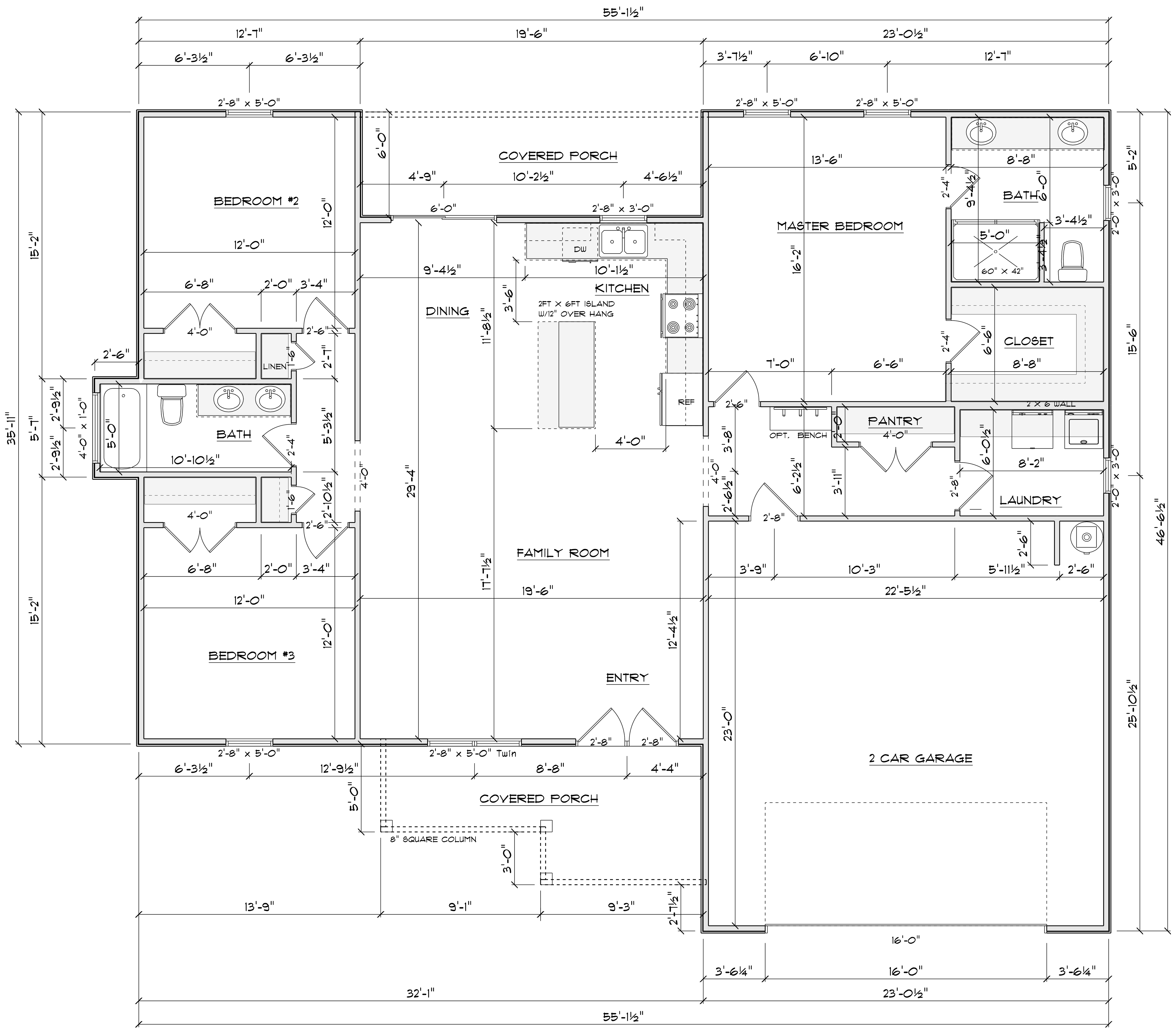
PROVIDE WATERPROOFING AND DRAINS AS REQUIRED.

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"	3	Window\Single Hung	24"	36"
2'-8" x 5'-0" Twin	1	Window\Single Hung	64"	60-1/2"
2'-8" x 5'-0"	5	Window\Single Hung	32"	60-1/2"
2'-8" x 3'-0"	1	Window\Single Hung	32"	36"
4'-0" x 1'-0"	1	Glass Block\Transom	48"	12"



FLOOR PLAN

SCALE: 1'= 1/4"

AREA SCHEDULE	
NAME	AREA
Heated	1611 sq ft.
Covered Front Porch	120 sq ft.
Covered Rear Porch	108 sq ft.
Garage	551 sq ft.

4A

DRD
Diane Rives Designs
6205 Mockingbird Lane
Sanford, N.C. 27332
919-770-0353
golfwoman@charter.net

SCALE: 1'= 1/4"

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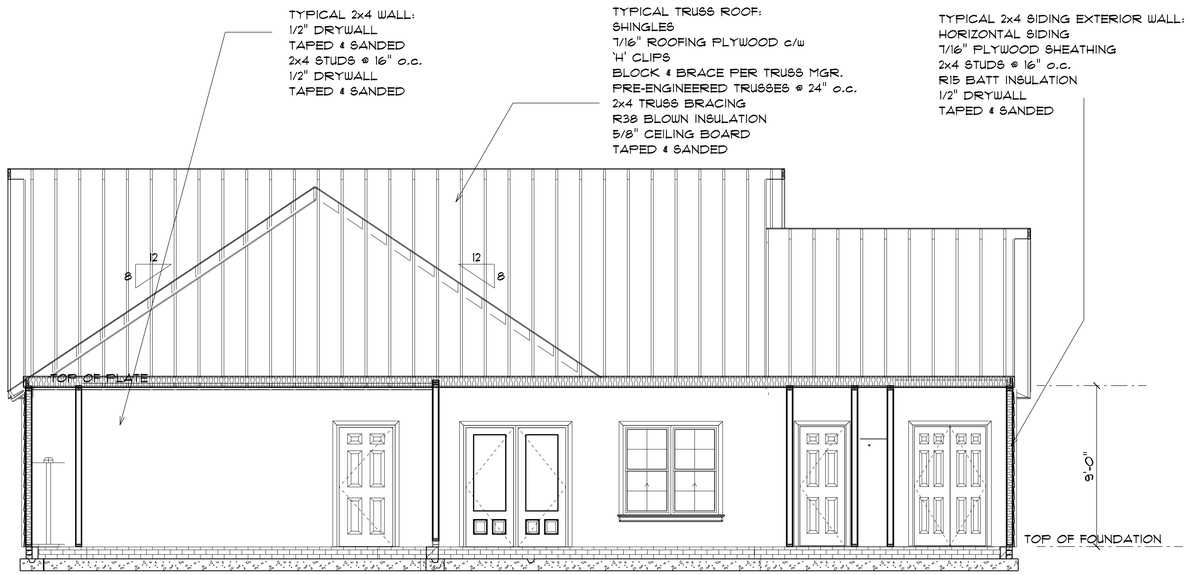
LAMCO HOMES

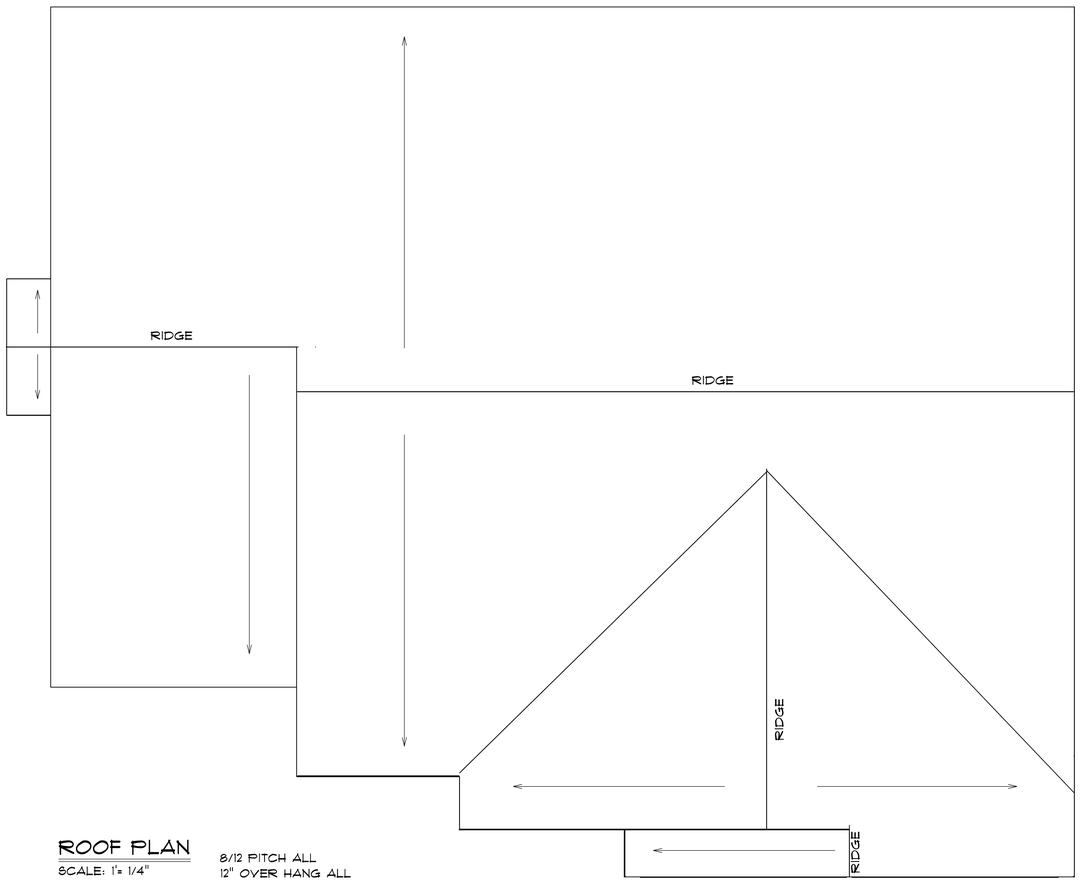
THE TRINITY
RIGHT GARAGE

FLOOR PLAN



SECTION A

SCALE: 1"= 1/4"



ROOF PLAN

SCALE: 1"= 1/4"

8/12 PITCH ALL
12" OVER HANG ALL

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.

PAGE #: 5A

Diane Rives Designs
6205 Hockingford Lane
Raleigh, N.C. 27612
919-710-0353
dgr@dianerivesdesigns.net

DRD

SCALE: 1"= 1/4"

DRAWN BY:

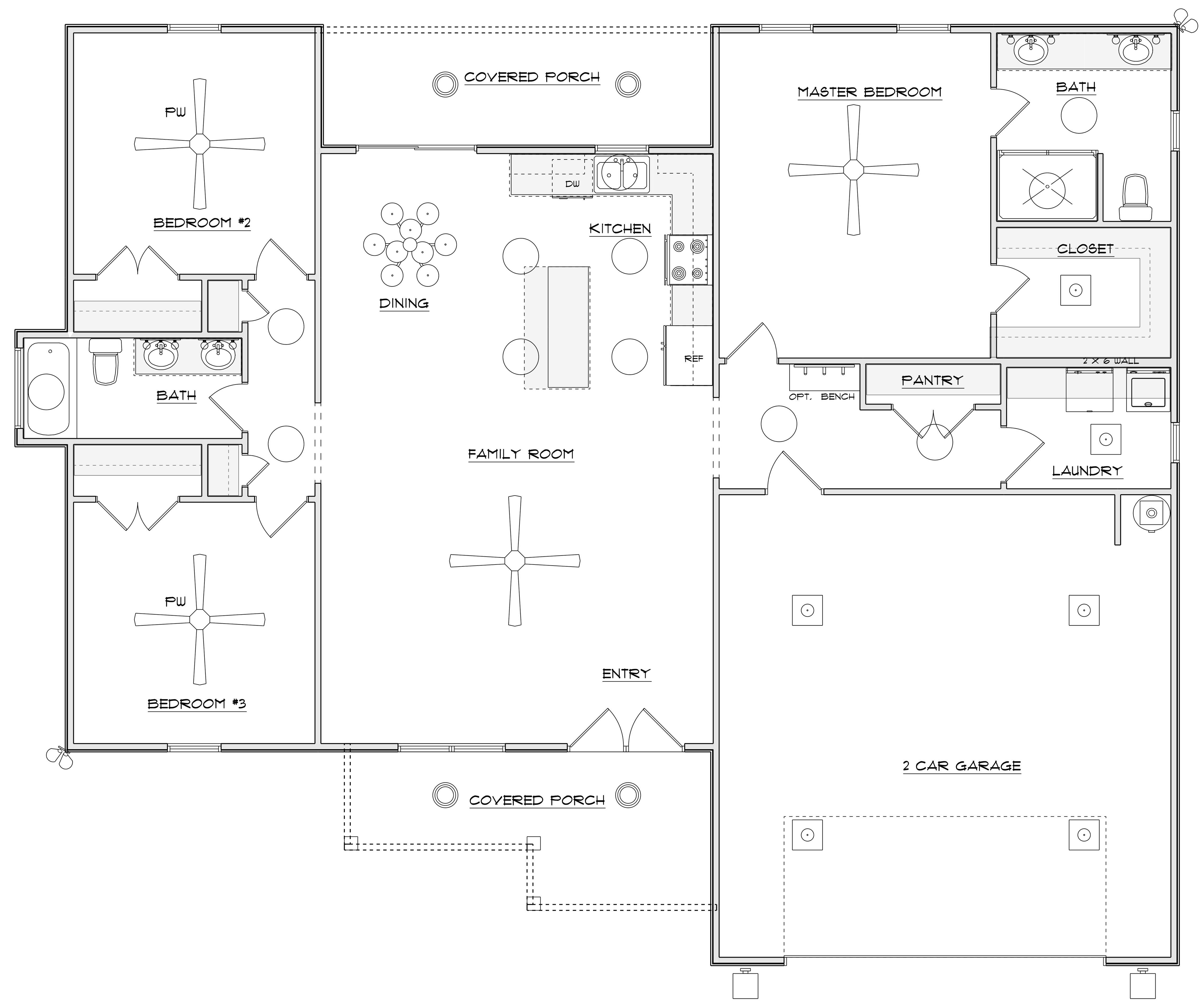
DATE: 3/31/2022

LAMCO HOMES

THE TRINITY
RIGHT GARAGE

DETAIL SHEET

ELECTRICAL LEGEND		
ELECTRICAL	**COUNT**	**SYMBOL**
ceiling fan	2	
10" led	6	
7" led	12	
dinning room light	1	
coach light	2	
exterior over head light	4	
flood light	2	
vanity bar light	4	



PAGE #: E1

DRD
Diane Rives Designs
6205 Mockingbird Lane
Sanford, N.C. 27332
919-770-0353
golfwoman@charter.net

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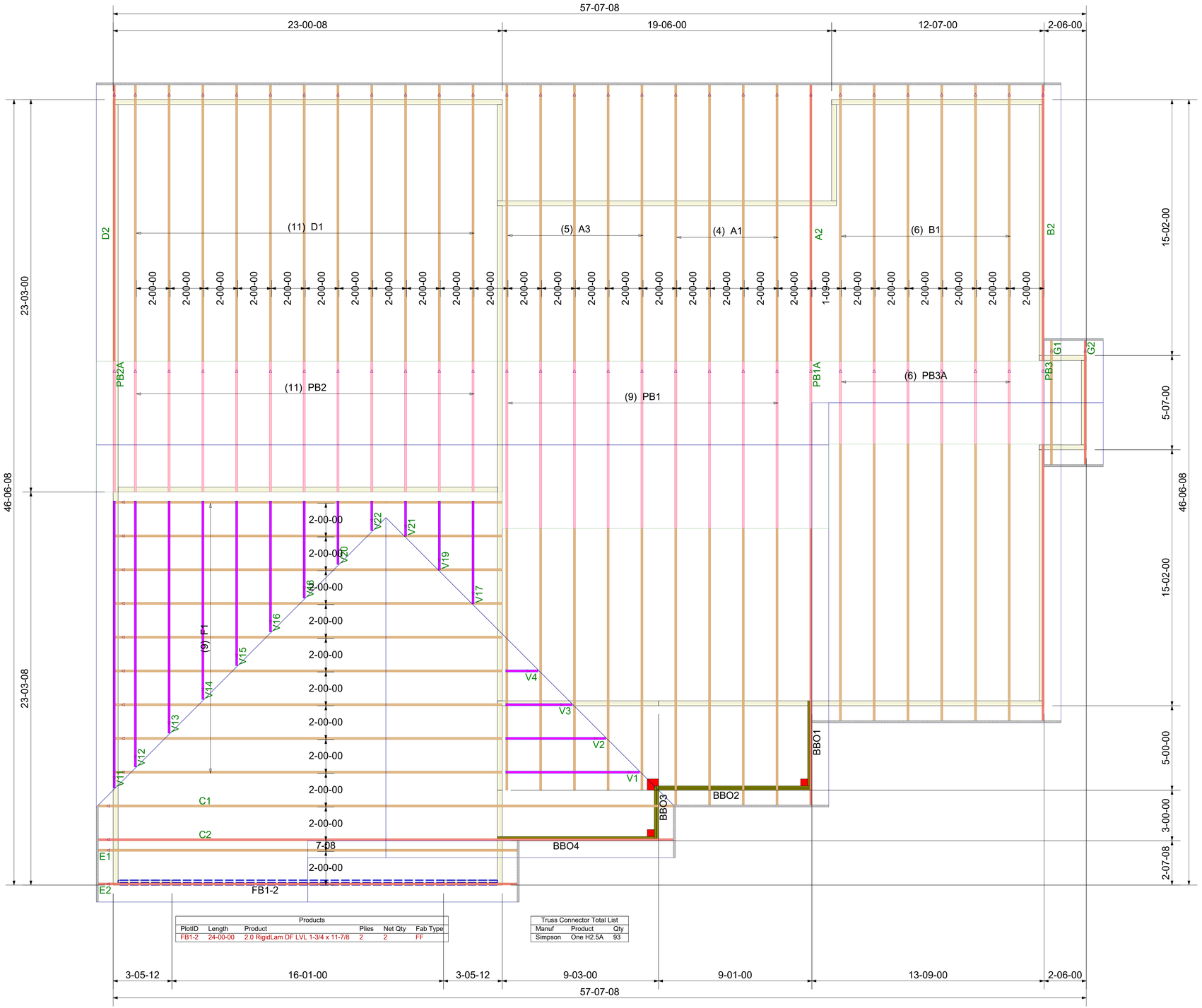
LAYCO HOMES

THE TRINITY
RIGHT GARAGE

ELECTRICAL
LAYOUT



Products					
PlotID	Length	Product	Plies	Net Qty	Fab Type
FB1-2	24-00-00	2.0 RigidLam DF LVL 1-3/4 x 11-7/8	2	2	FF

Truss Connector Total List		
Manuf	Product	Qty
Simpson	One H2.5A	93

ROOF TRUSS FRAMING

DRAWING SCALE : NTS

Kempsville Building Materials
A Division of the Carter Lumber Company

LAMCO
TRINITY PLAN
ADDRESS

REVISIONS	
DATE	BY
5-10-22	MF
5-19-22	MF

PROJECT NUMBER
XXXXXXXX
SHEET NUMBER
1 / 1