

THE HORRELL RESIDENCE

PROJECT #
DRB2301-0110A
DATE
04/04/2023
DESIGNED BY
NW
CHECKED BY
DRB
SCALE
1/4" = 1'-0"

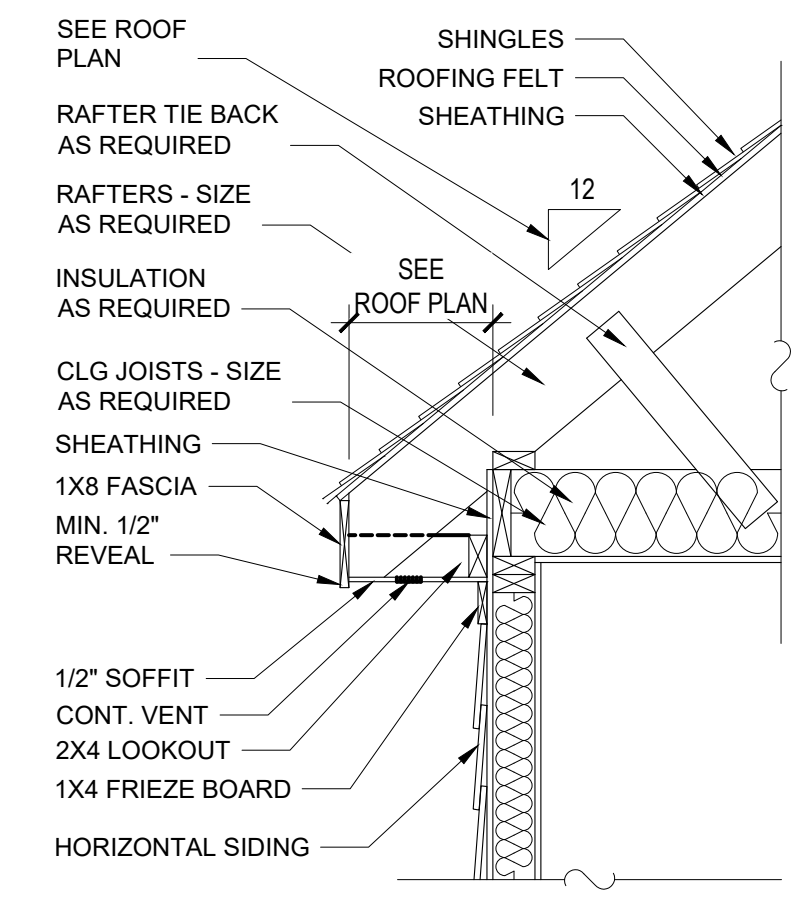
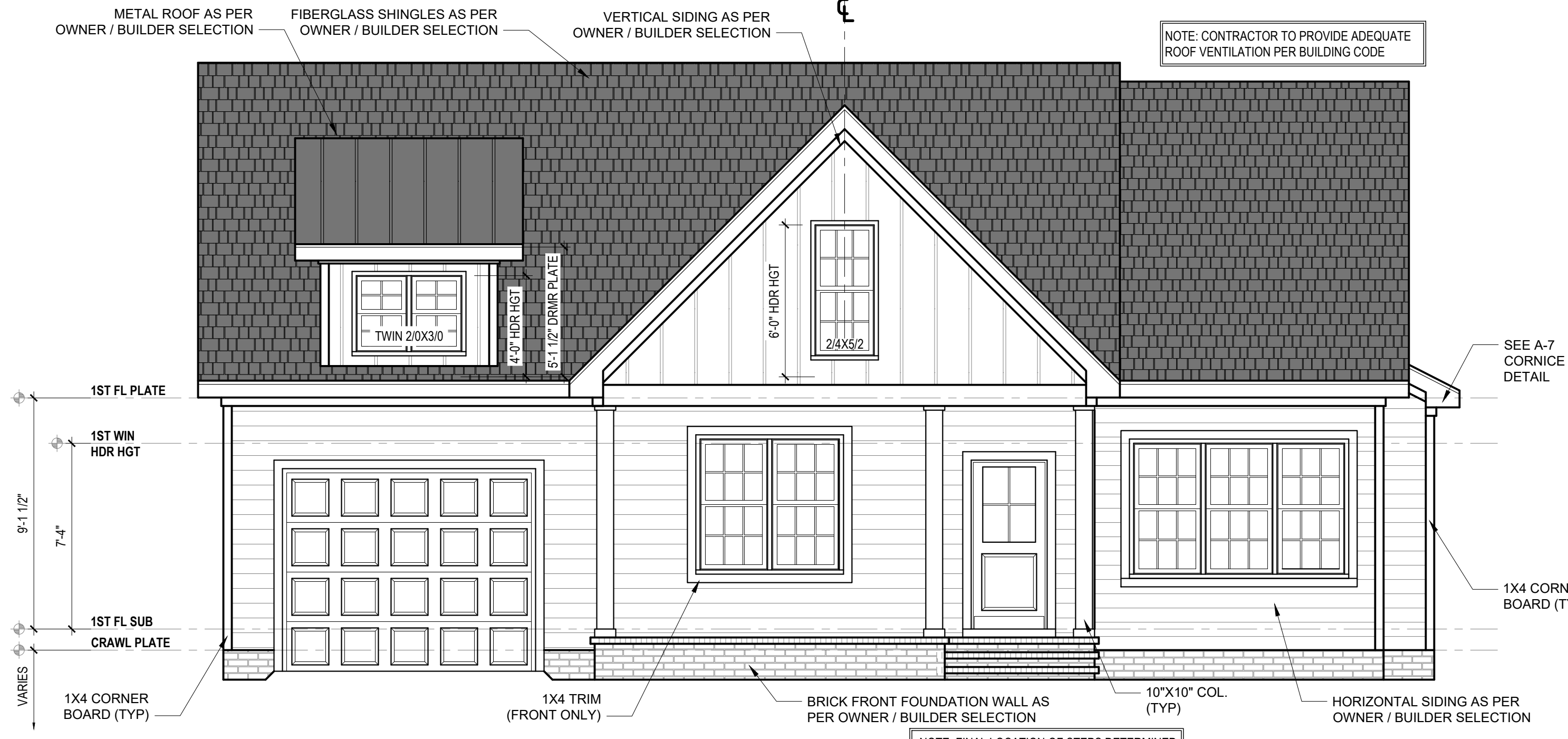
www.
drbhomdesign
.com

PROJECT NAME
THE HORRELL
RESIDENCE

DRB
DESIGN
drbdesign@drbhomdesign.com 919.631.5979
250 Shipwash Dr Suite 105 Garner, NC 27529

CLIENT NAME
Michael and Haley Horrell
0 N. Orange St,
Coats, NC 27521
Lot 2

SHEET NAME
ELEVATIONS
SHEET #



A-7 CORNICE DETAIL
NTS

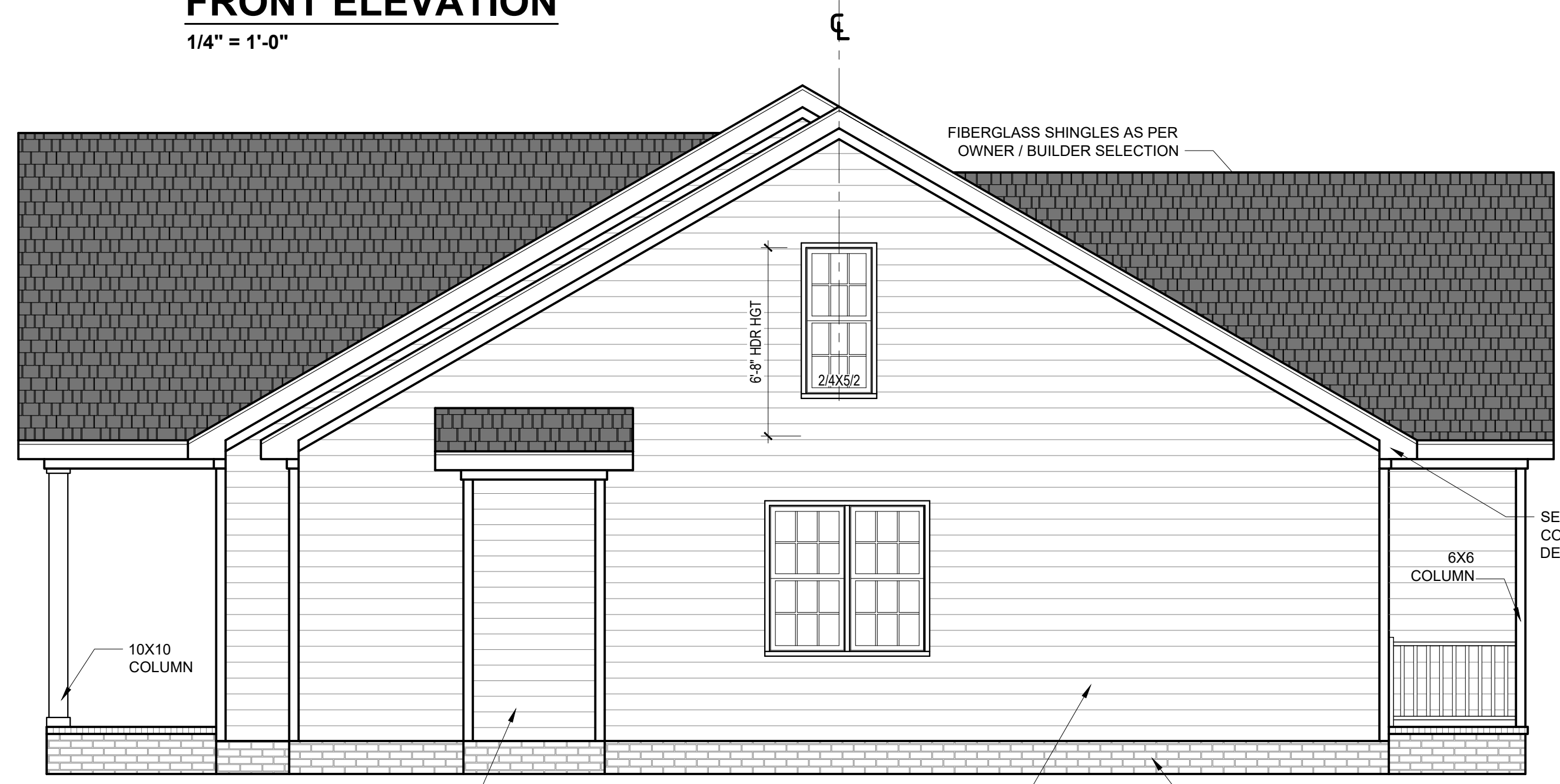
NOTE: WHEN TWO ROOFS INTERSECT WITH DIFFERENT ROOF PITCHES, BLOCK TOP OF STUD WALLS AS REQ'D. TO LINE UP FASCIA AT A MINIMUM OF 1'-0" OVERHANG

NOTE: FINAL LOCATION OF STEPS DETERMINED ON SITE PROVIDE RAILING PER BUILDING CODE

NOTE: RAFTERS ARE PITCHED FROM TOP OF CEILING JOISTS

FRONT ELEVATION

1/4" = 1'-0"



RIGHT ELEVATION

1/4" = 1'-0"

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- Release of these plans requires further cooperation among the owner, his/her contractor, and DRB DESIGN.
- Design and construction are complex and, although the designer performed his services with due care and diligence, perfection is not a guarantee.
- Communication is imperfect and every contingency cannot be anticipated.
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- It is the contractor's responsibility to verify and be responsible for all dimensions and square footage prior to construction, as well as conditions on the job site. DRB DESIGN is not responsible for dimension and square footage errors once construction has begun.
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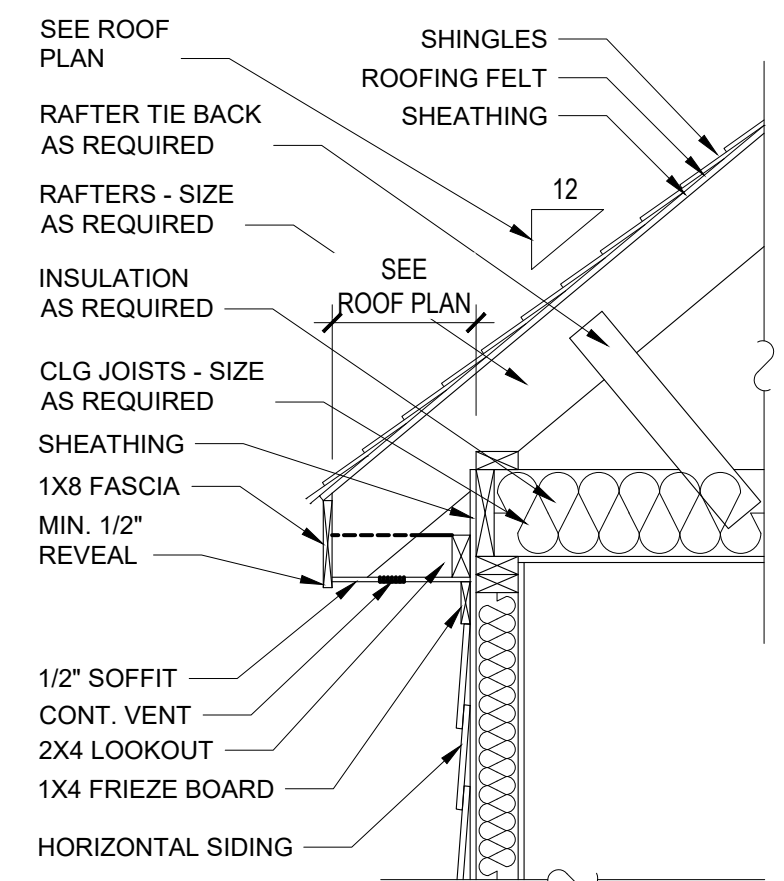
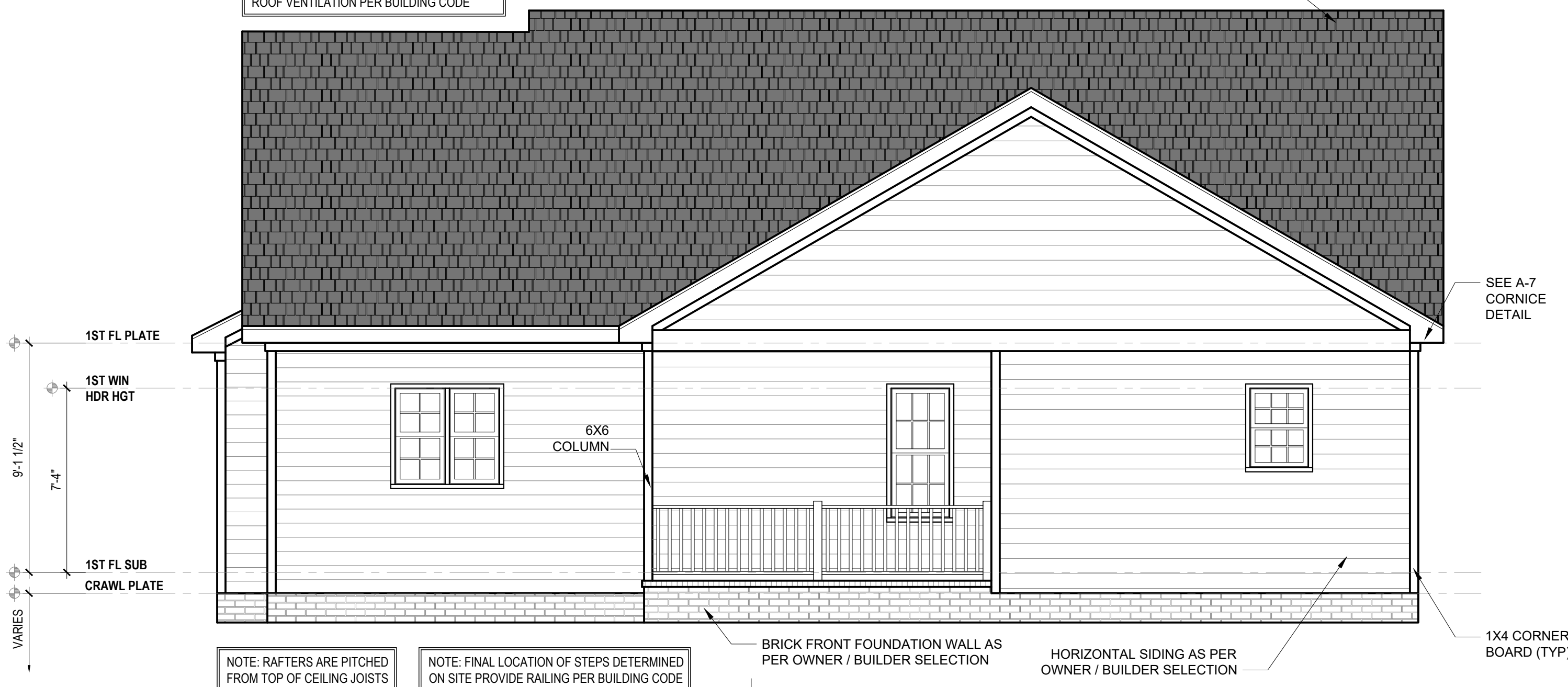
CLIENT NAME
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o N. Orange St,
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ELEVATIONS
SHEET #

2 of 6

NOTE: CONTRACTOR TO PROVIDE ADEQUATE ROOF VENTILATION PER BUILDING CODE

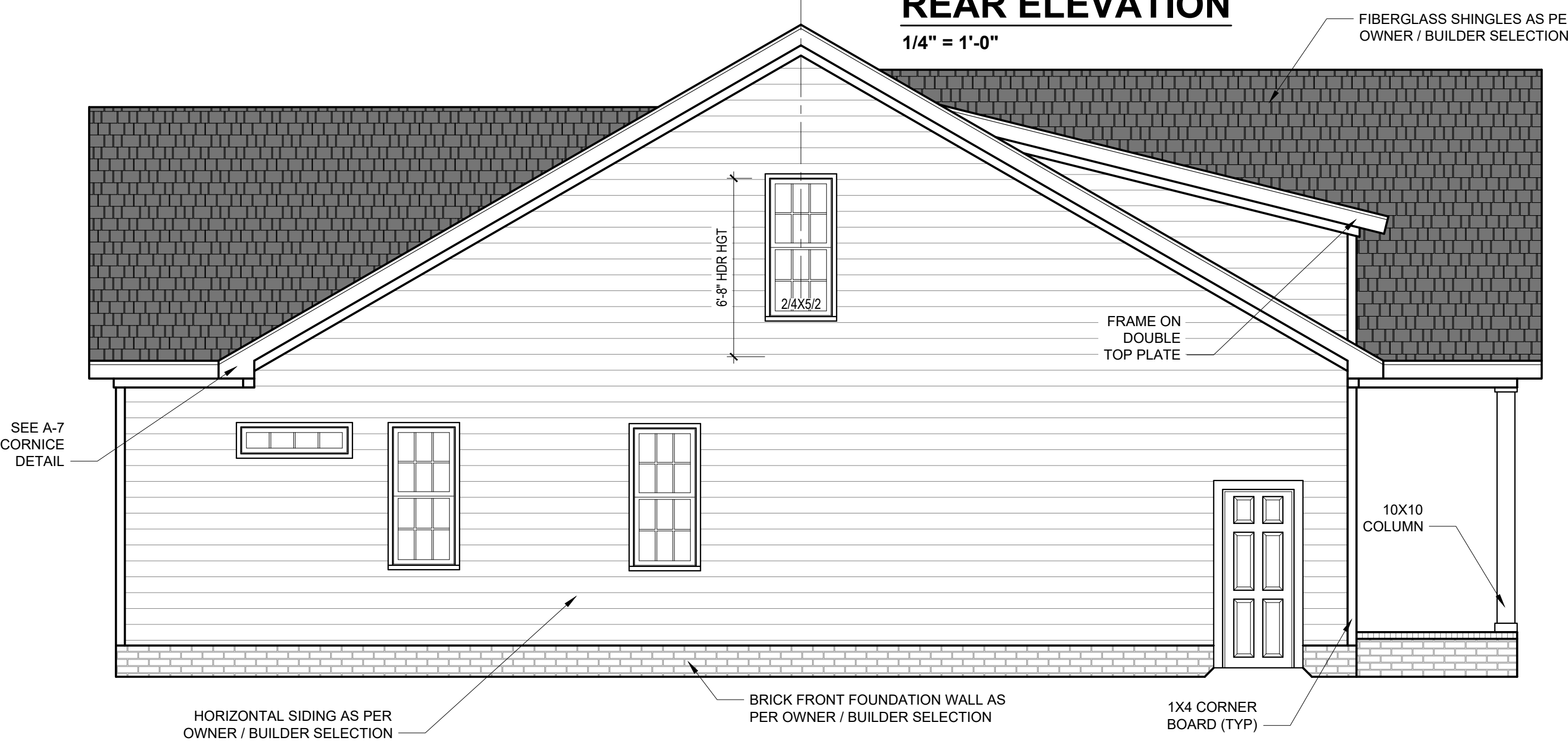
FIBERGLASS SHINGLES AS PER OWNER / BUILDER SELECTION



A-7 CORNICE DETAIL
NTS

REAR ELEVATION

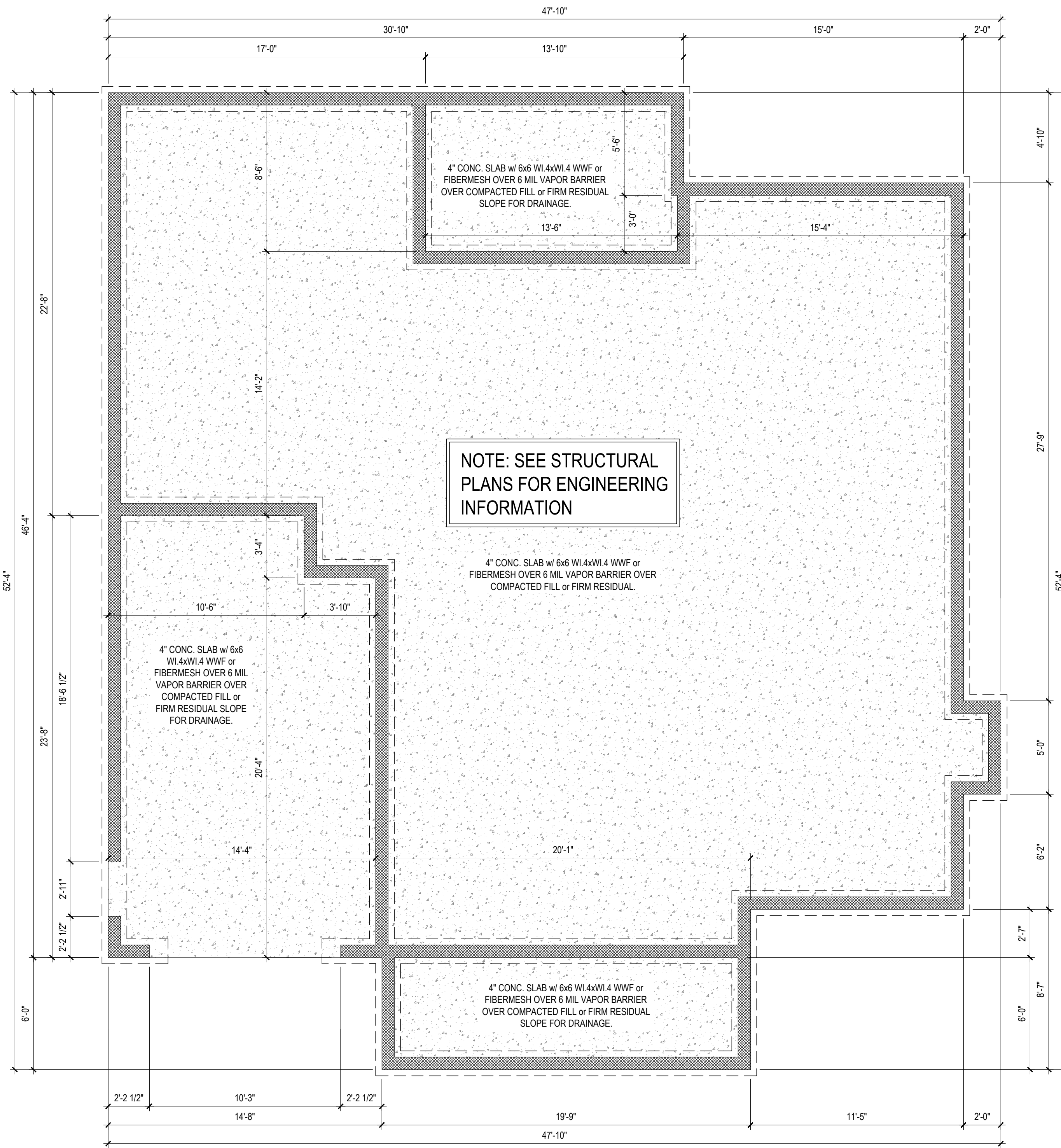
1/4" = 1'-0"



LEFT ELEVATION

1/4" = 1'-0"

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NOTE: SEE STRUCTURAL PLANS FOR ENGINEERING INFORMATION

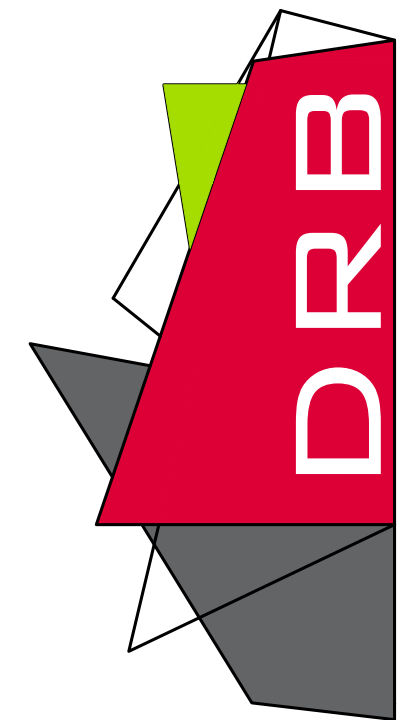
4" CONC. SLAB w/ 6x6 W1.4xW1.4 WWF or FIBERMESH OVER 6 MIL VAPOR BARRIER OVER COMPACTED FILL or FIRM RESIDUAL.

4" CONC. SLAB w/ 6x6 W1.4xW1.4 WWF or FIBERMESH OVER 6 MIL VAPOR BARRIER OVER COMPACTED FILL or FIRM RESIDUAL SLOPE FOR DRAINAGE.

4" CONC. SLAB w/ 6x6 W1.4xW1.4 WWF or FIBERMESH OVER 6 MIL VAPOR BARRIER OVER COMPACTED FILL or FIRM RESIDUAL SLOPE FOR DRAINAGE.

FOUNDATION PLAN
1/4" = 1'-0" STEMWALL

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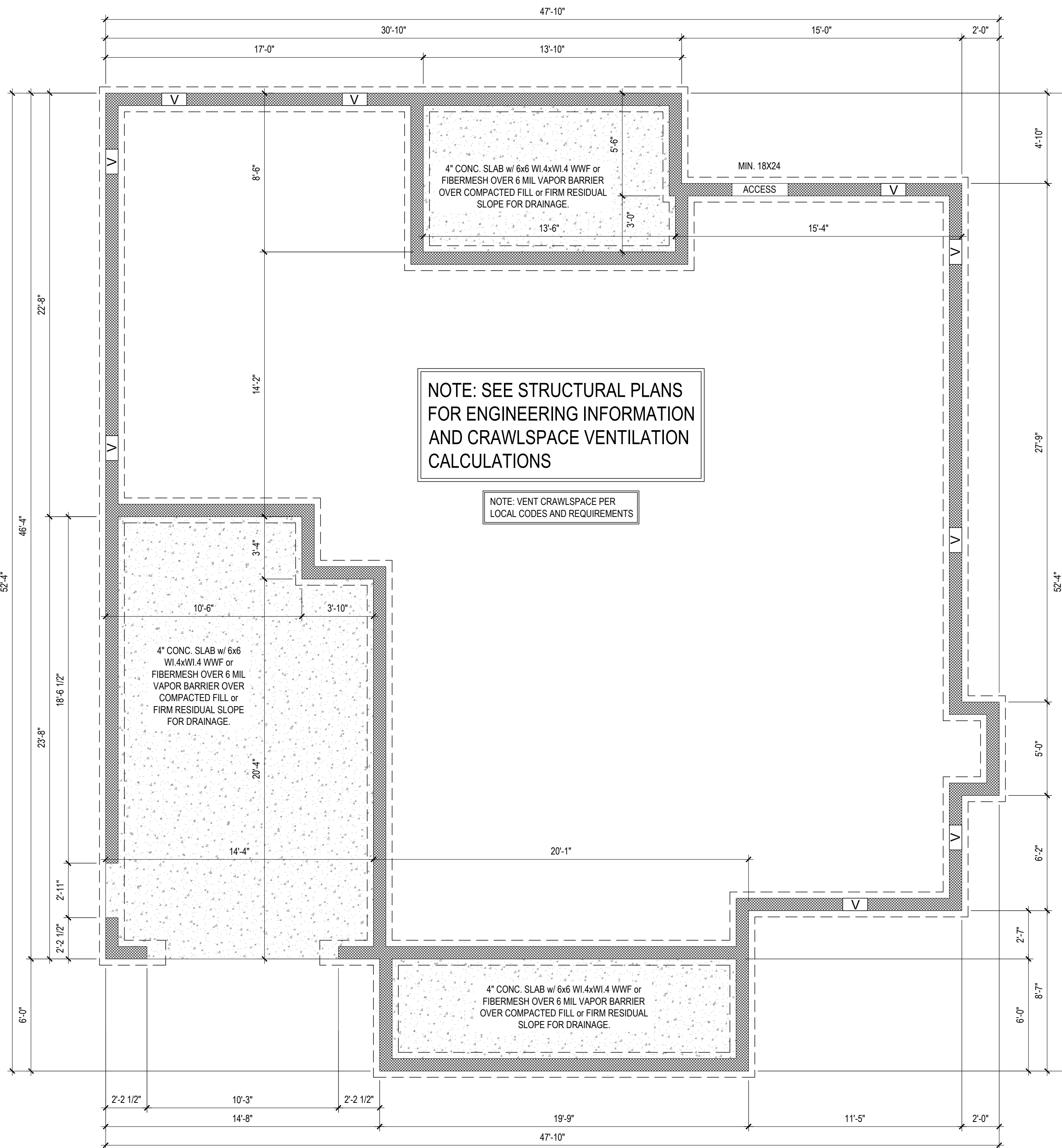
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Lot 2

SHEET NAME
FOUNDATION
SHEET #
3 of 6



NOTE: SEE STRUCTURAL PLANS FOR ENGINEERING INFORMATION AND CRAWLSPACE VENTILATION CALCULATIONS

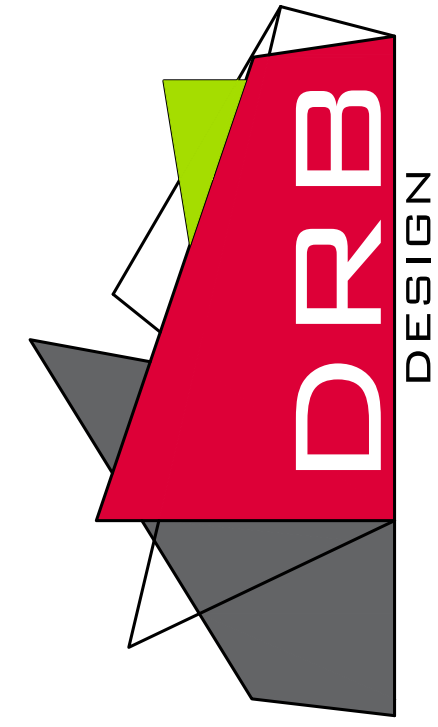
NOTE: VENT CRAWLSPACE PER LOCAL CODES AND REQUIREMENTS

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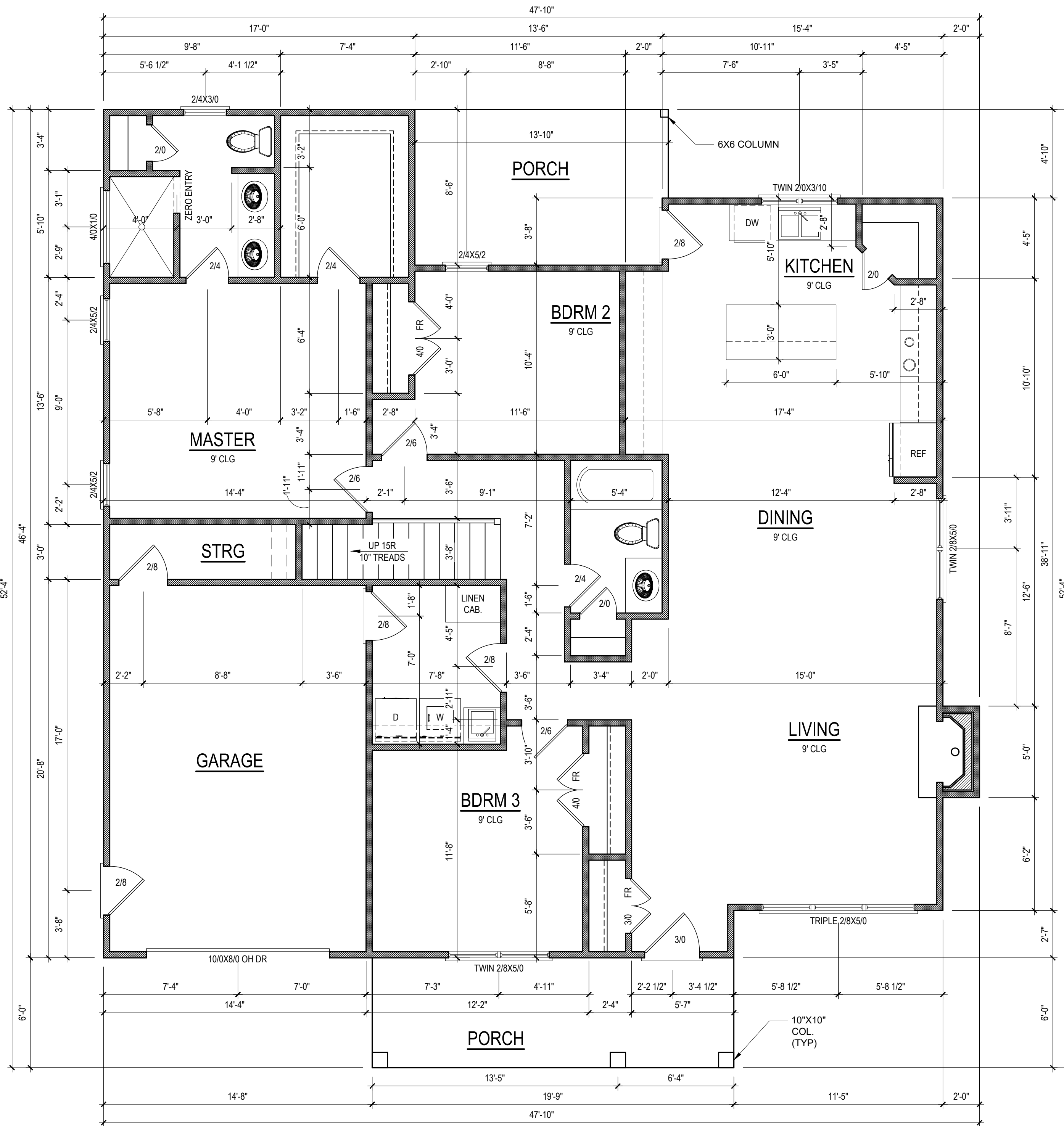


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SHEET NAME
FOUNDATION
SHEET #

FOUNDATION PLAN
1/4" = 1'-0" CRAWLSPACE



FIRST FLOOR PLAN

1/4" = 1'-0" CEILING HGT. = 9'-0"

NOTE: VERIFY WINDOW SILL HEIGHT CLEARANCE ABOVE TUBS AND COUNTERTOPS TO ALLOW FOR TRIM AND/OR BACKSPLASH

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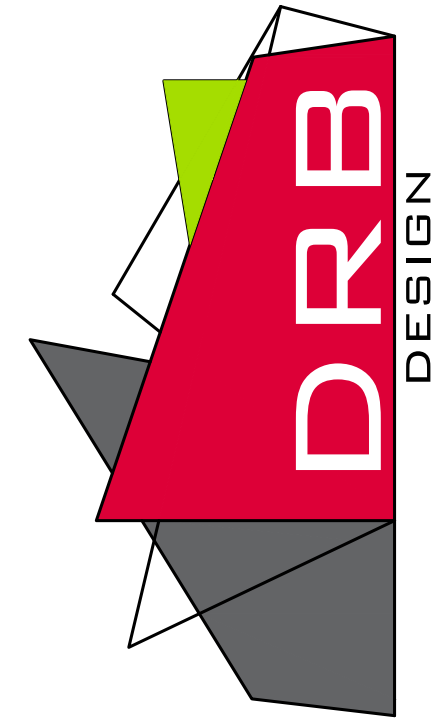
HEATED/HABITABLE SQUARE FOOTAGE	
First Floor	1551
TOTAL HEATED	1551
UNHTD SQUARE FOOTAGE	
Front Porch	119
Rear Porch	116
Garage	291
Storage	35
TOTAL UNHEATED	561
TOTAL SQ FT	2112

- NOTE:
ALL EXTERIOR WALLS ARE NOMINAL 4" UNO
- NOTE:
ALL INTERIOR WALLS ARE NOMINAL 4" UNO
- NOTE:
ALL ANGLED WALLS ARE 45° UNO
- NOTE:
ALL DIMENSIONS ARE FRAME TO FRAME
- NOTE:
ALL DOORS ARE 6'-8" TALL UNO

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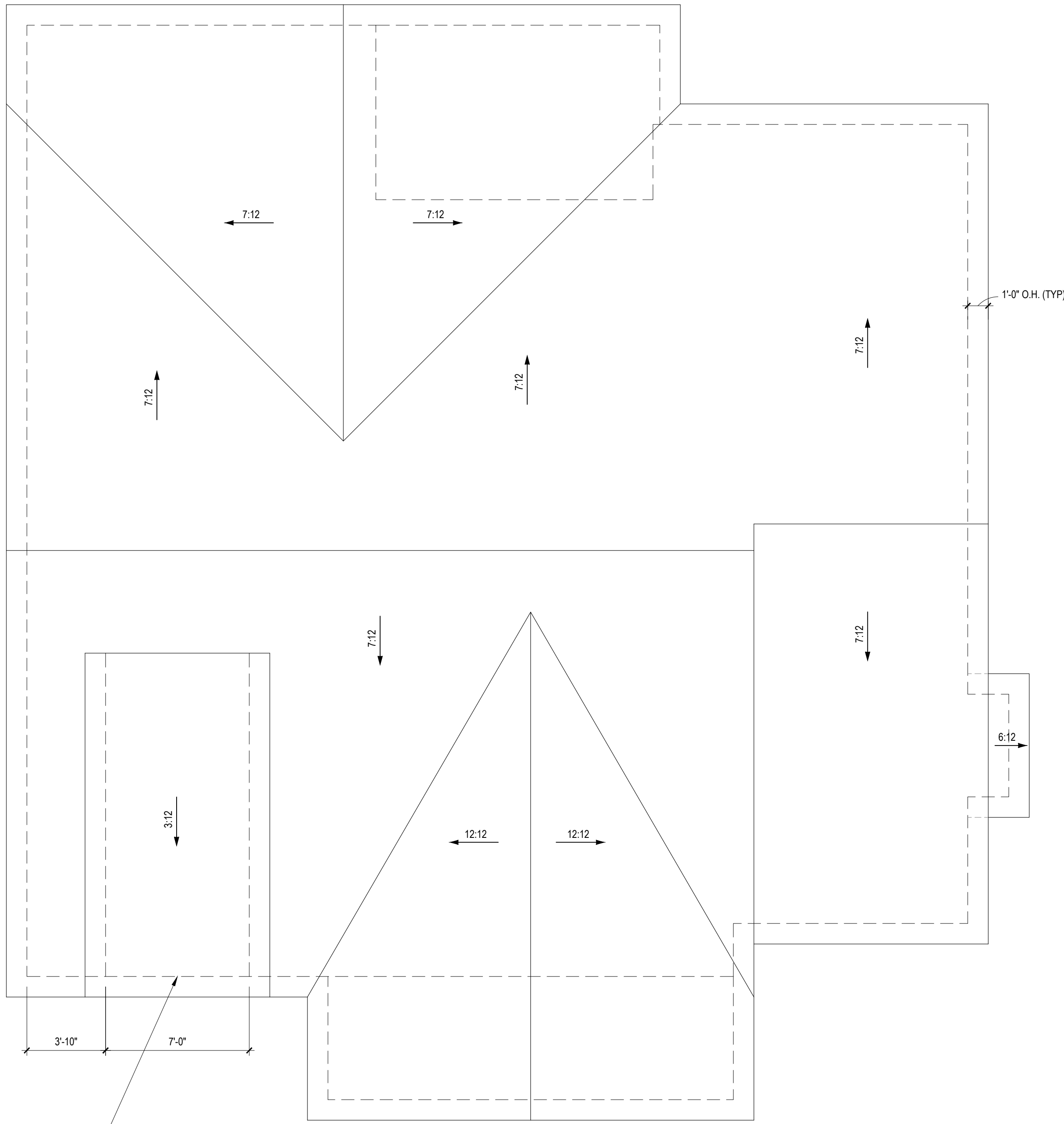
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SHEET NAME
1ST_FLOOR
SHEET #



THIS DORMER IS CENTERED ABOVE THE GARAGE DOOR. IF THE GARAGE DOOR IS SHIFTED LEFT OR RIGHT DURING THE BUILDING PROCESS, THE DORMER SHOULD BE SHIFTED AS WELL IF IT IS TO REMAIN CENTERED ABOVE THE GARAGE DOOR.

NOTE: SEE STRUCTURAL PLANS FOR ATTIC VENTILATION CALCULATIONS

ROOF PLAN

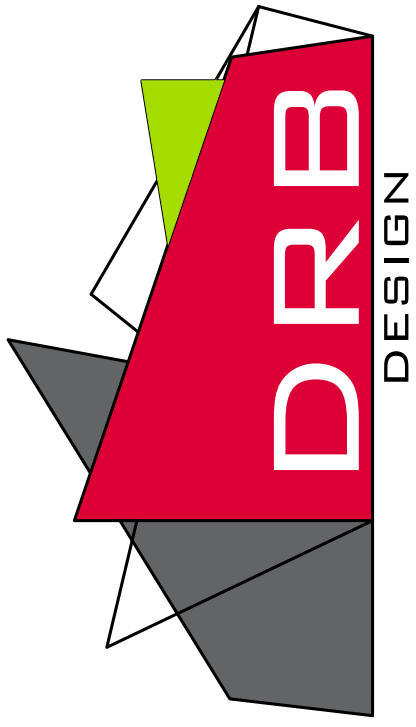
1/4" = 1'-0"

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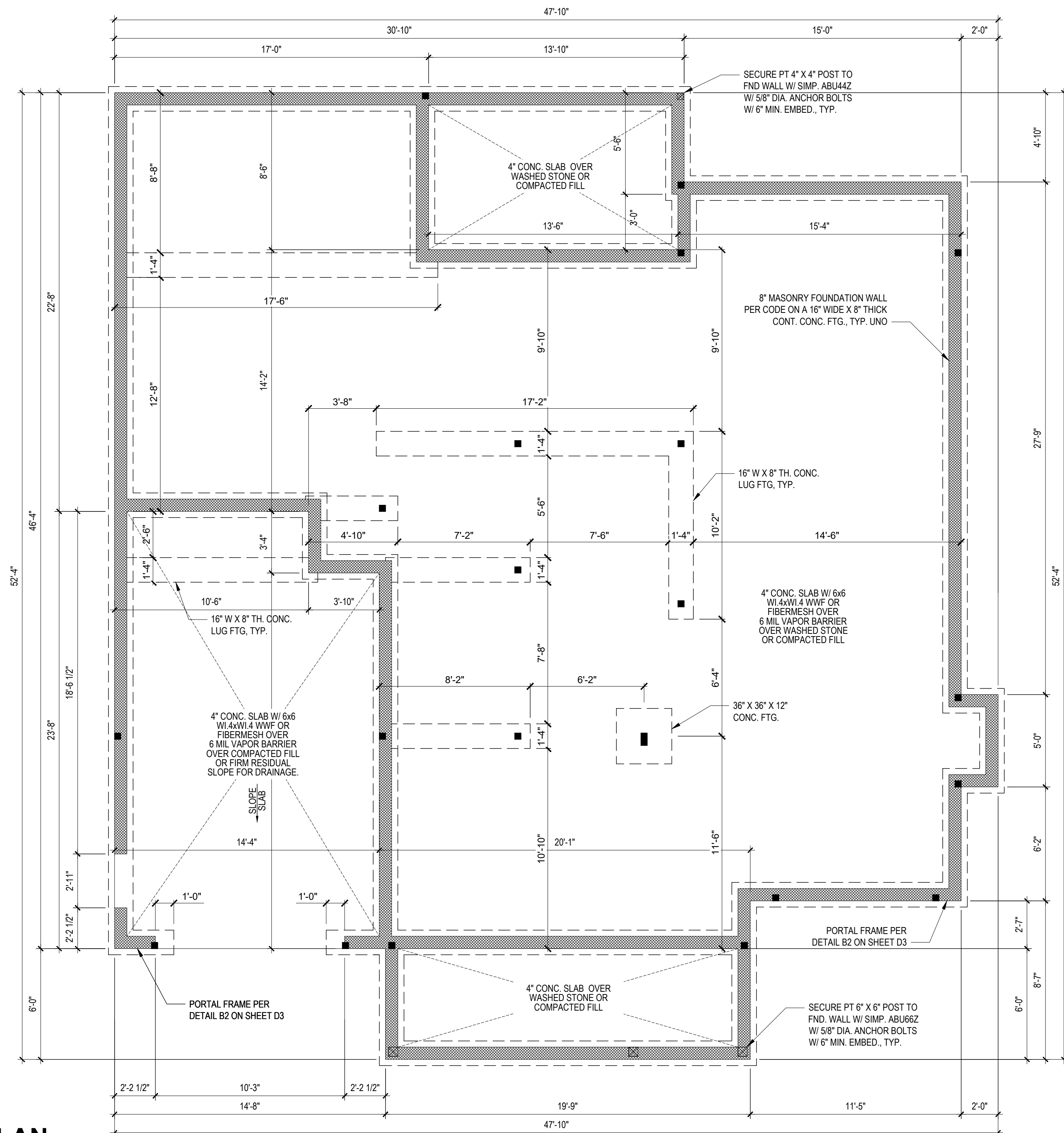
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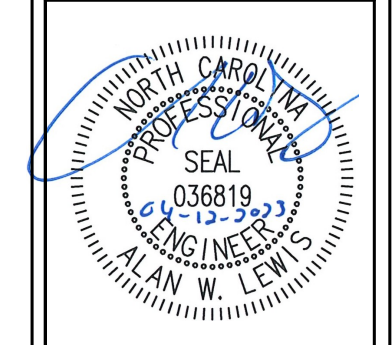
SHEET NAME
ROOF
SHEET #
6 of 6



FOUNDATION PLAN
STEM WALL

1/4" = 1'-0"

* Engineers seal does not include construction means, methods, techniques, sequences, procedures or safety precaution.
 * Any deviations or discrepancies on plans are to be brought to the immediate attention of Tyndall Engineering & Design, P.A.
 * Failure to do so will void Tyndall Engineering & Design, P.A. liability.
 * Please review these documents carefully.
 Tyndall Engineering & Design, P.A. will interpret that all dimensions, recommendations, etc. presented in these documents were deemed acceptable once construction begins.



TYNDALL
ENGINEERING & DESIGN, P.A.

199 775-3800 • F 919 775-5658
280 Shipwash Drive • Garner • North Carolina • 27839
www.tyndallengineering.com

Client: PLEASANT BUILDERS OF NC, LLC

Date: THE HORRELL RESIDENCE

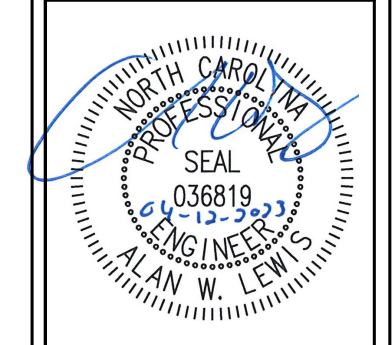
FOUNDATION PLAN

Project #:	DRB2301-0110A
Date:	04/12/23
Engineered By:	AM
DWG. Checked By:	AWL
Scale:	SEE PLAN

REVISIONS		
No.	Date	Remarks

Sheet Number
S1.0
1 of 7

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280 Shipwash Drive • Garner • North Carolina • 27839

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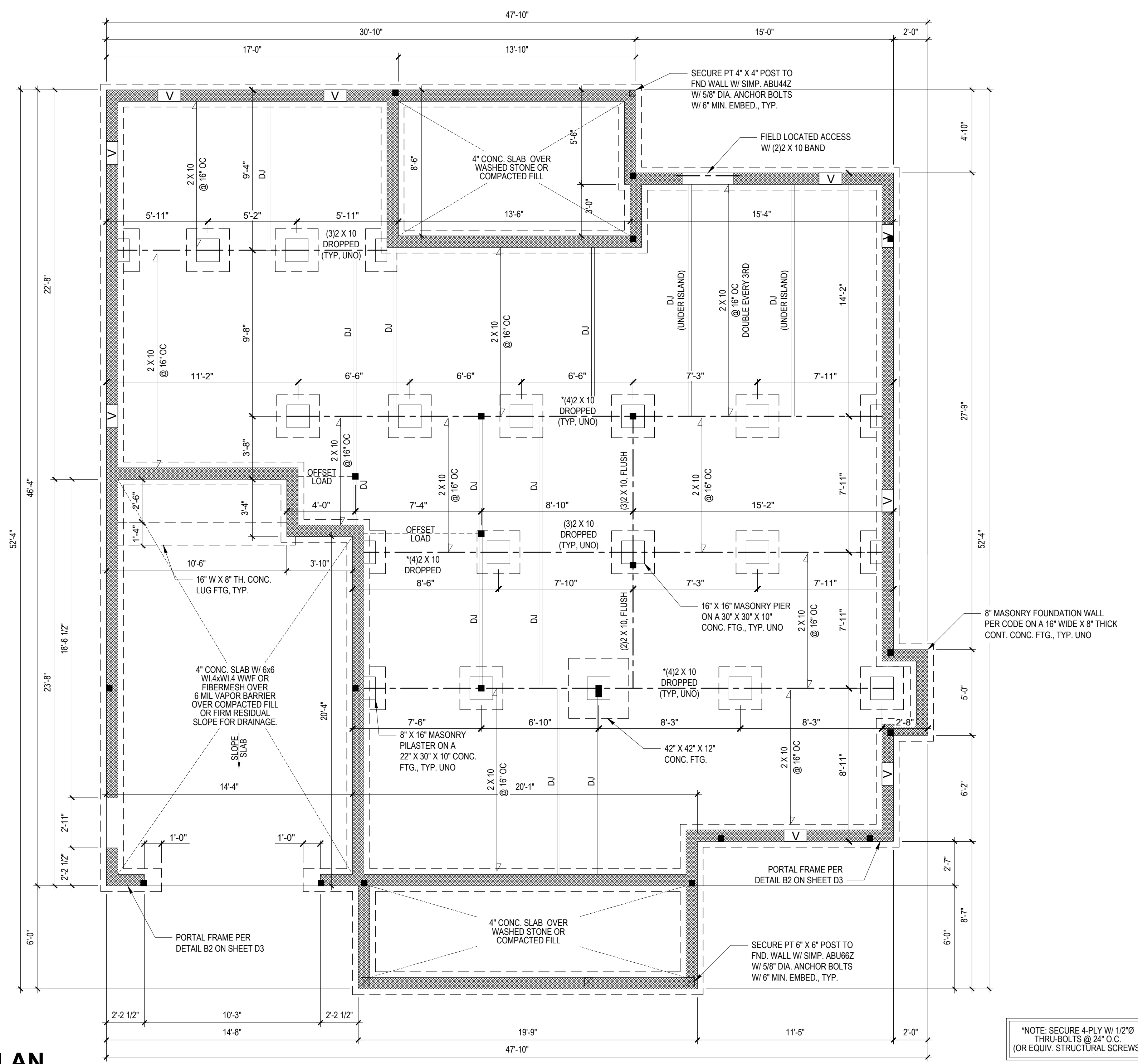
Date: THE HORRELL RESIDENCE

FND. PLAN
1ST FLR FRMG

Project #:	DRB2301-0110A
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Engineered By:	AM
DWG. Checked By:	AWL
Scale:	SEE PLAN

REVISIONS		
No.	Date	Remarks

Sheet Number
S1.1
1 of 7

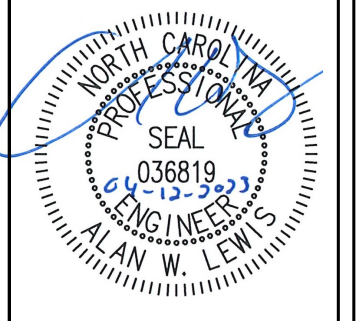


*NOTE: SECURE 4-PLY W/ 1/2"Ø THRU-BOLTS @ 24" O.C. (OR EQUIV. STRUCTURAL SCREWS)

FOUNDATION PLAN
1/4" = 1'-0"
CRAWL SPACE

FILENAME: Z:\BMECH\OFFICE\DRB_2023\DRB2301-0110_PLEASANT_BUILDERS\DRB2301-0110_A_PLEASANT_BUILDERS\DRB2301-0110_A_LEWIS_SAVED_BY: JIMSEY_BENTON_LAST_PLOT_DATE: 4/12/2023 10:58 AM

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 280 Shipwash Drive • Garner • North Carolina • 27589
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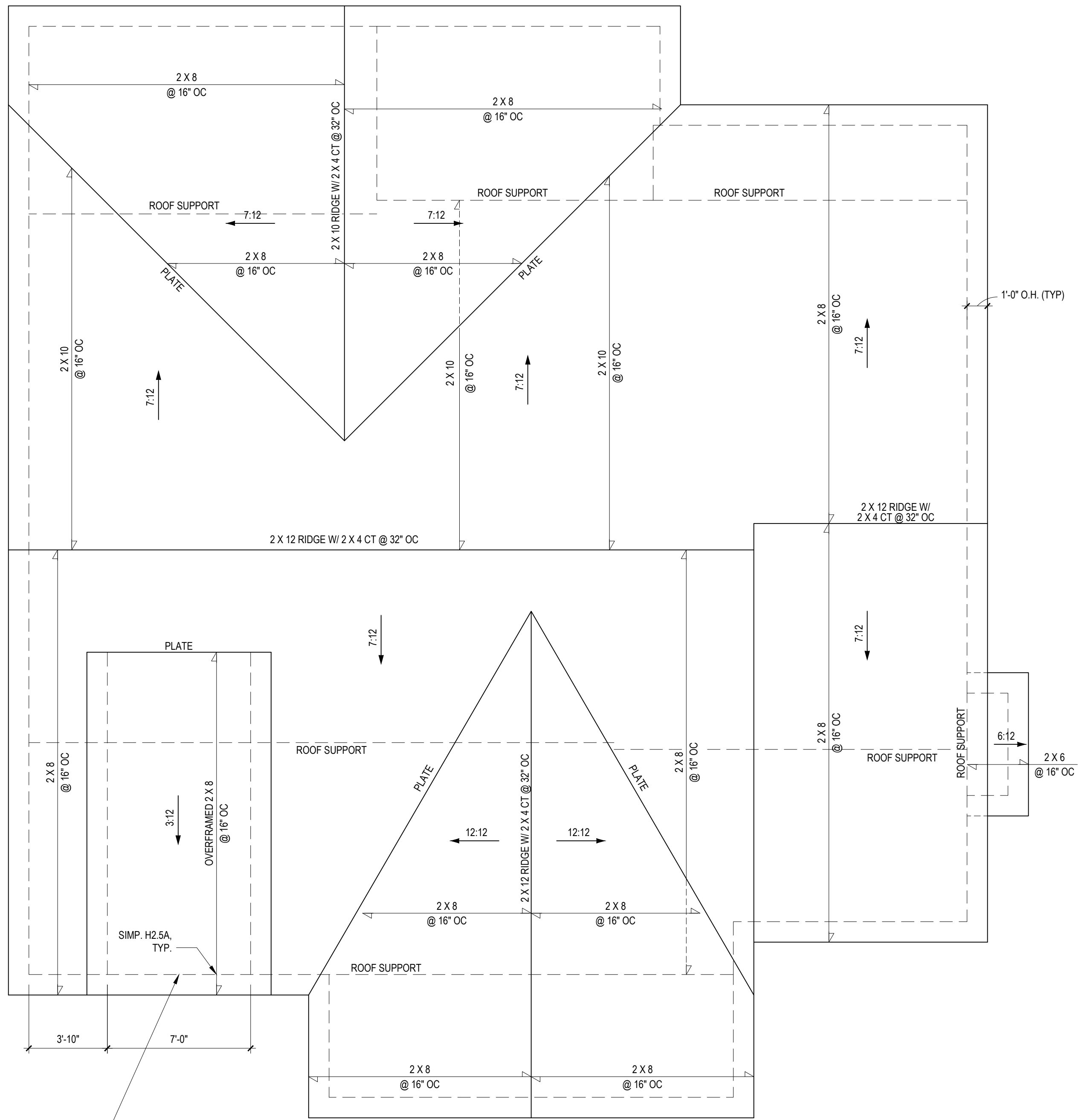
DATE: THE HORRELL RESIDENCE

ROOF PLAN

Project #:	DRB2301-0110A
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Engineered By:	AM
DWG. Checked By:	AWL
Scale:	SEE PLAN

REVISIONS		
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Sheet Number
S4
 4 of 7

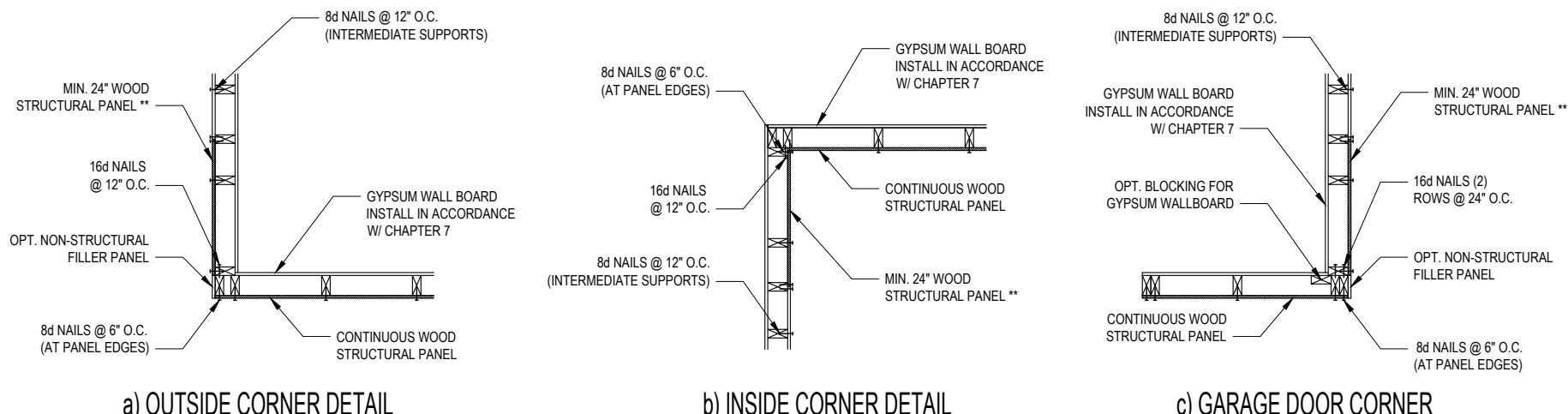


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ROOF PLAN

1/4" = 1'-0"

FILENAME: Z:\MUECH OFFICE\0405_2023\DRB2301-0110A_PLEASANT_BUILDERS\DRB2301-0110A_PLEASANT_BUILDERS\LAST PLOT DATE: 4/12/2023 10:58 AM



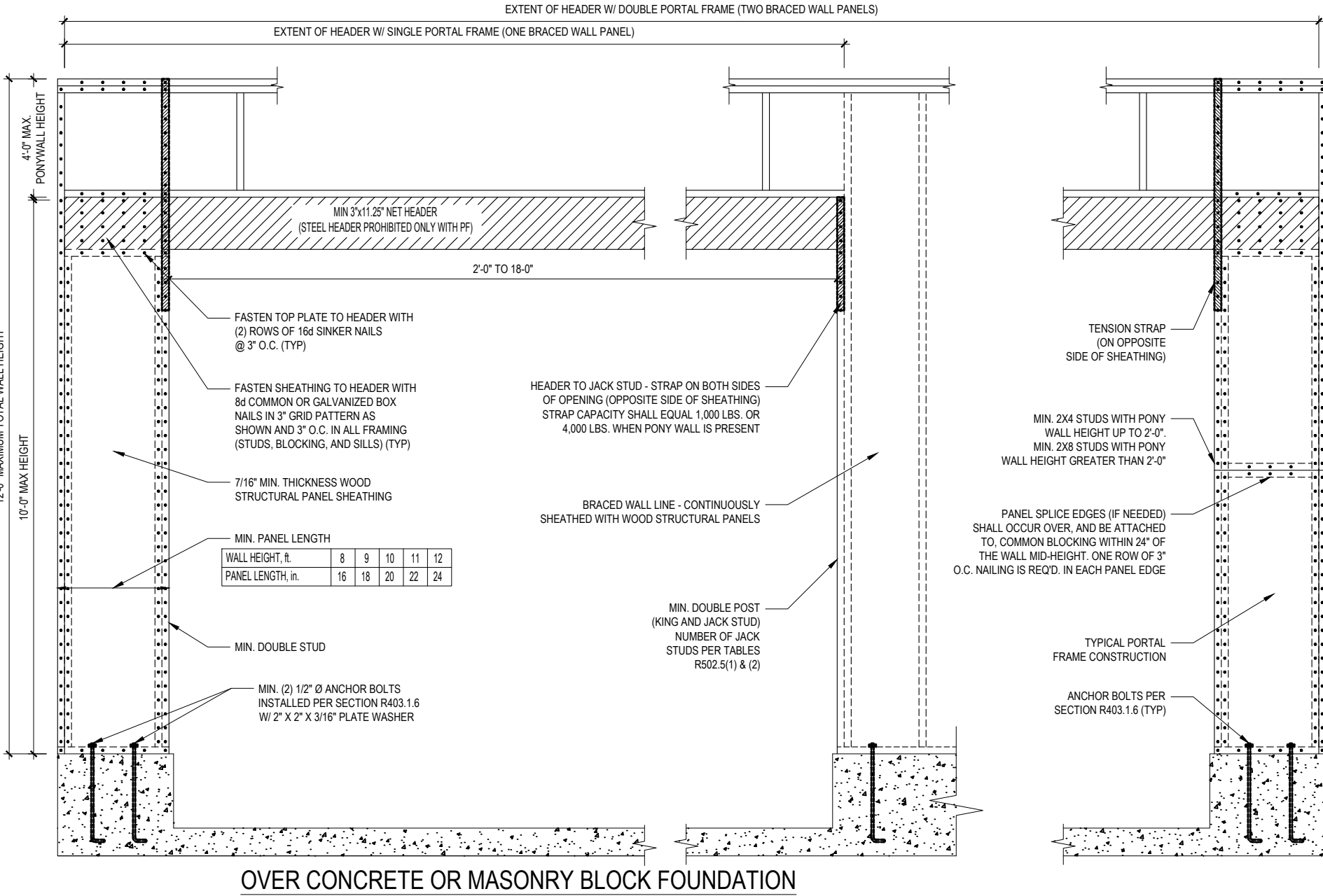
B1: TYPICAL EXTERIOR CORNER FRAMING FOR CONTINUOUS SHEATHING
NO SCALE

- STRUCTURAL SHEATHING NOTES**
- DESIGNED FOR SEISMIC ZONE A-C AND WIND SPEEDS OF 120 MPH OR LESS.
 - WALLS SHALL BE BRACED IN ACCORDANCE WITH SECTION R602.10.3 OF THE 2018 NRC.
 - BRACING REQUIREMENTS SHALL BE PER TABLE R602.10.3 REFER TO SECTION R602.10.4 FOR LOAD PATH DETAILS INCLUDING CONNECTIONS & SUPPORT OF BRACED WALL PANELS.
 - INTERIOR BRACED WALL PANELS (BWP) INDICATED SHALL BE SHEATHED IN ACCORDANCE WITH THE GB METHOD OR WSP METHOD AS PRESCRIBED IN SECTION R602.10.1 (LNU).
 - 12\"/>

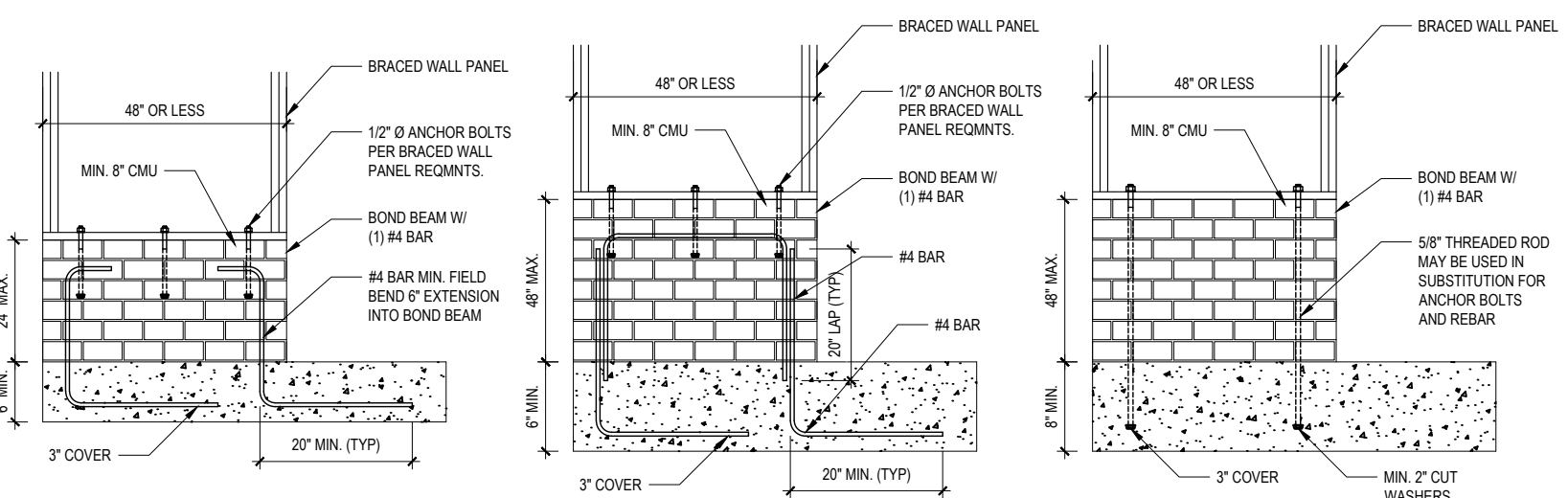
REQUIRED BRACED WALL PANEL CONNECTIONS

METHOD	MATERIAL	MIN. THICKNESS	REQUIRED CONNECTION	
			@ PANEL EDGES	@ INTERMEDIATE SUPPORTS
CS-WSP	WOOD STRUCTURAL PANEL	3/8"	6d COMMON NAILS @ 6\"/>	

B3: BRACE WALL PANEL CONNECTIONS
NO SCALE

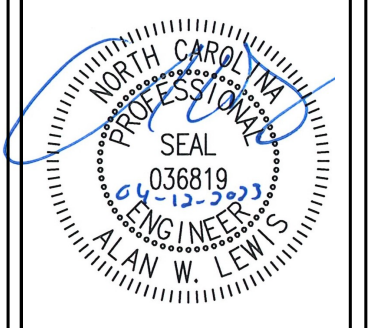


B2: METHOD CS-PF: CONTINUOUSLY SHEATHED PORTAL FRAME
FIGURE R602.10.1



B4: MASONRY STEM WALL SUPPORTING BRACED WALL PANELS
FIGURE R602.10.4.3 OF THE 2018 NRC
NOTE: GROUT BOND BEAMS AND ALL CELLS WHICH CONTAIN REBAR, THREADED RODS AND ANCHOR BOLTS

Engineers seal does not include construction means, methods, techniques, sequences, procedures or safety precautions. Any deviations or discrepancies on plans are to be brought to the immediate attention of Tyndall Engineering & Design, P.A. Failure to do so will void Tyndall Engineering & Design, P.A. liability. Please review these documents carefully. Tyndall Engineering & Design, P.A. will interpret that all dimensions, recommendations, etc. presented in these documents were deemed acceptable once construction begins.



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SHEATHING DETAILS

Project #: DRB2301-0110A
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DWG. Checked By: AWL
Scale: NOT TO SCALE

REVISIONS

No.	Date	Remarks

FILENAME: Z:\BMECH OFFICE\DRB\DRB_2023\DRB2301-0110_PLEASANT_BUILDERS\DRB2301-0110_A_PLEASANT_BUILDERS\LAST PLOT DATE: 4/12/2023 10:58 AM