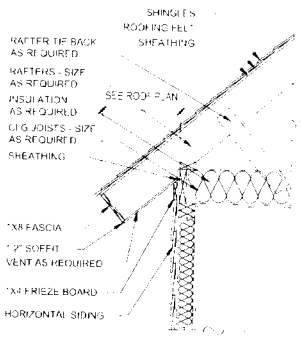
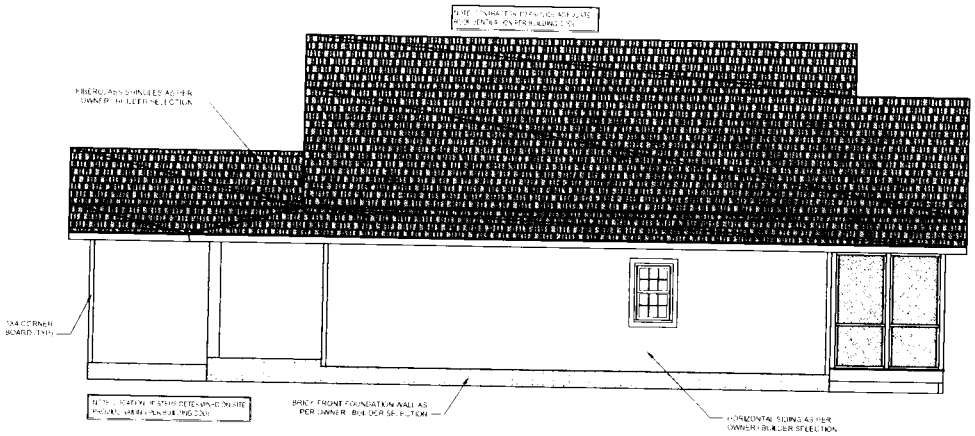
## FRONT ELEVATION

1/4" = 1'-0"




## A-3 CORNICE DETAIL

NTS




## RIGHT ELEVATION

1/4" = 1'-0"

| HEATED/HABITABLE SQUARE FOOTAGE | |
|---|---|
| First Floor | 1410 |
| TOTAL HEATED | 1410 |
| **UNHTD SQUARE FOOTAGE** | |
| Garage | 240 |
| Front Porch | 196 |
| Screen Porch | 232 |
| TOTAL UNHEATED | 668 |
| TOTAL SQ FT | 2078 |

DRB22-1-005A
DATE
05.16.2022
DRAWN BY
DRB
SCALE
1/4" = 1'-0"

drbhomedesign.com

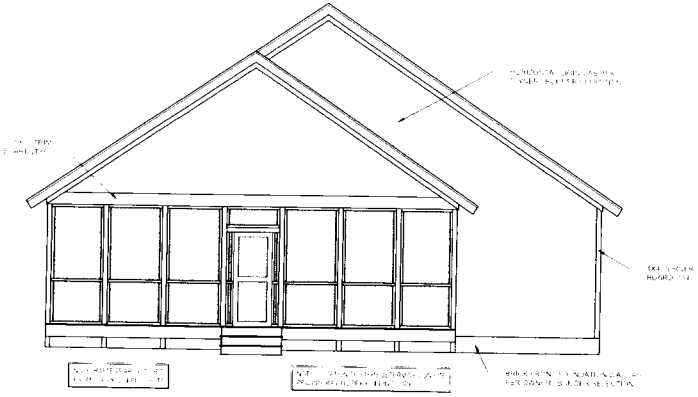
PERSONAL RESIDENCE

DESIGN
919.631.5079
reidbyrd@drbhomedesign.com
250 Shipwash Dr Suite 105 Garner, NC 27529

Mt. Jo. Generational Properties, LLC
3548 Ashe Ave.
Dunn, NC 28334
mt.jo.generational.properties@gmail.com
919-631-0034

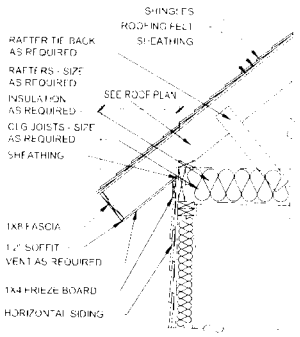
ELEVATIONS

A1 of 4



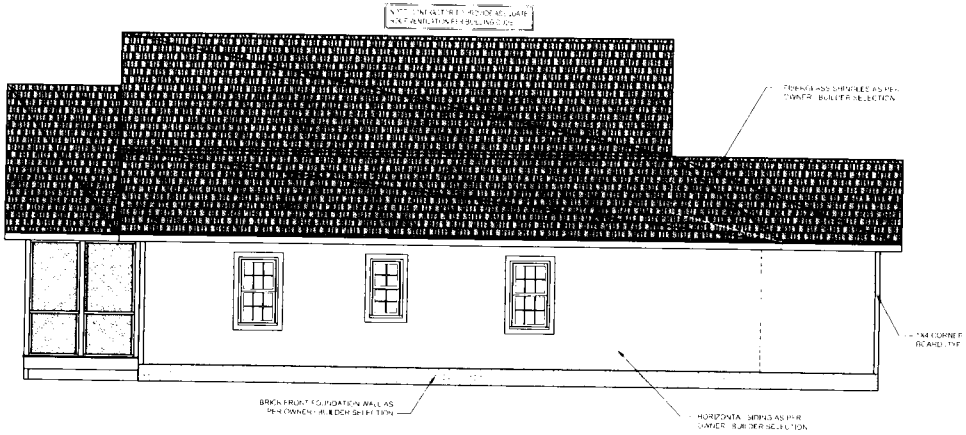
## REAR ELEVATION

1/4" = 1'-0"




## A-3 CORNICE DETAIL

NTS



## LEFT ELEVATION

1/4" = 1'-0"

| HEATED/HABITABLE SQUARE FOOTAGE | |
|---|---|
| First Floor | 1410 |
| TOTAL HEATED | 1410 |
| **UNHTD SQUARE FOOTAGE** | |
| Garage | 240 |
| Front Porch | 196 |
| Screen Porch | 232 |
| TOTAL UNHEATED | 668 |
| TOTAL SQ FT | 2078 |

DRAWN: D-B-2021-0965A
DATE: 05-16-2022
DESIGNED BY: DRB
DRAWN BY: DRB
SCALE: 1/4"=1'-0"

drbhomedesign.com

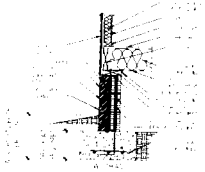
PERSONAL RESIDENCE

DESIGN
reidbyerdr@drbhomedesign.com 919-631-5979
250 Shhipwash Dr Suite 105 Garner, NC 27529

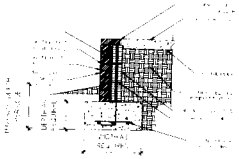
OWNER:
Ma. Jo. Generational Properties, LLC
3548 Ashe Ave.
Dunn, NC 28334
ma.jo.generational.properties@gmail.com
919-631-0034

SHEET NAME: ELEVATIONS

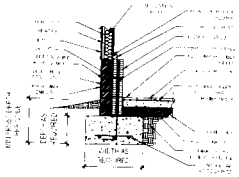
SHEET: A2 of 4



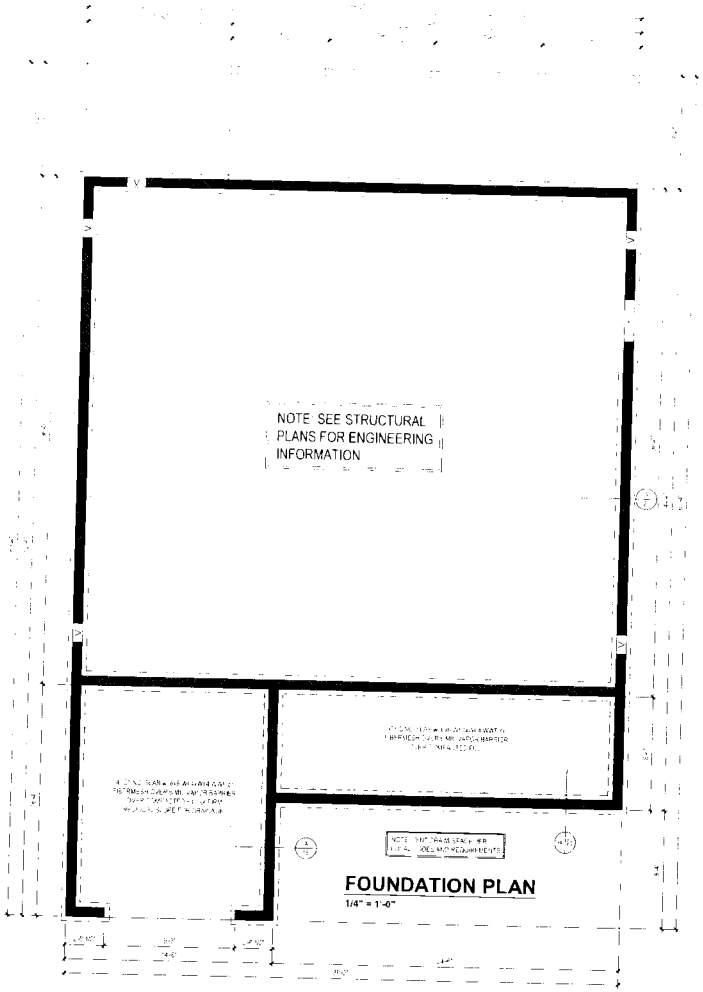
A-2' FOUNDATION WALL DETAIL



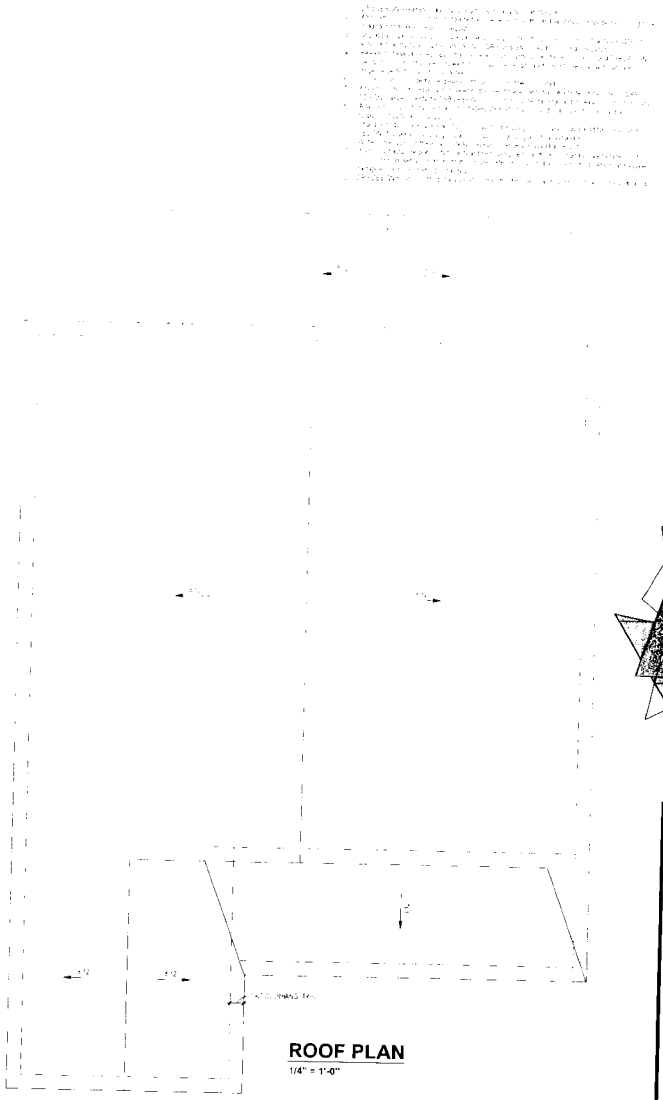
A-22 FOUNDATION WALL DETAIL



A-15 FOUNDATION WALL DETAIL




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



**ROOF PLAN**
1/4" = 1'-0"

PROJECT: DRB2021-005 A
DATE: 05-16-2022
DRAWN BY: DRB
CHECKED BY: DRB
SCALE: 1/4"=1'-0"

DESIGNER: drbhomedesign.com

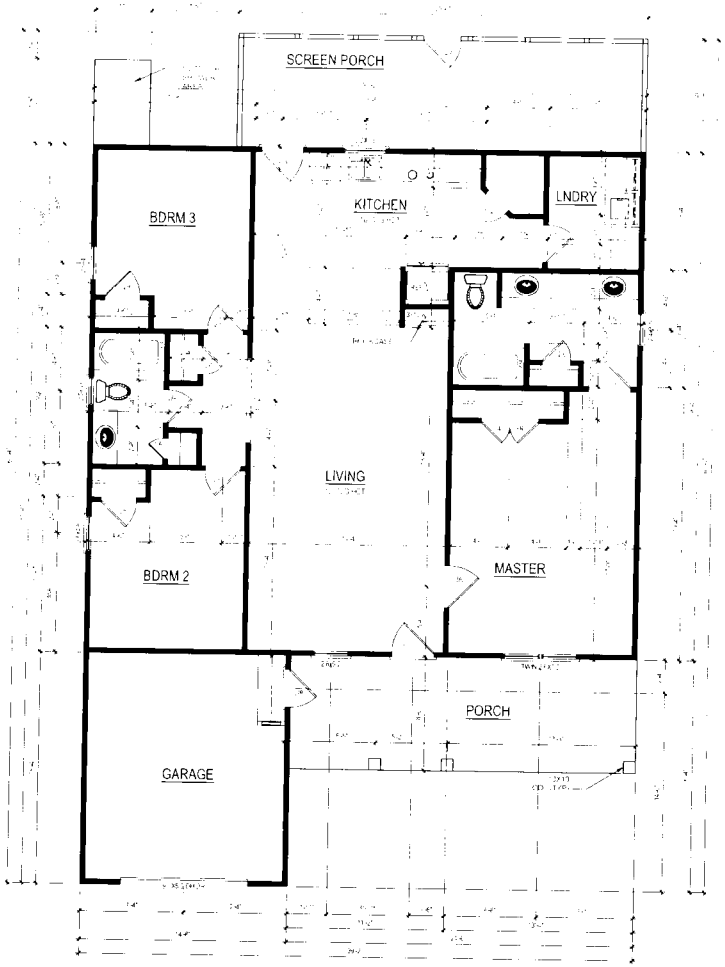
PROJECT NAME: PERSONAL RESIDENCE

DRB DESIGN
reidbyrd@drbhomedesign.com 919-631-5970
250 Shhipwash Dr Suite 105 Garner, NC 27529

OWNER NAME:
Ma. Jo. Generational Properties, LLC
3548 Ashe Ave.
Dunn, NC 28334
majo.generational.properties@gmail.com
919-631-0034

SHEET NAME: FOUND/ROOF

SHEET #: A3 of 4




| HEATED/HABITABLE SQUARE FOOTAGE | |
|---|---|
| First Floor | 1410 |
| TOTAL HEATED | 1410 |
| **UNHTD SQUARE FOOTAGE** | |
| Garage | 240 |
| Front Porch | 196 |
| Screen Porch | 232 |
| TOTAL UNHEATED | 668 |
| TOTAL SQ FT | 2078 |

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

## FIRST FLOOR PLAN

1/4" = 1'-0" CLG HGT. = 8'-0" (UNO)

PROJECT: DRB2021-099-A
DATE: 05.16.2022
DRAWN BY: DRB
REVIEWED BY: DRB
SCALE: 1/4 = 1'-0"

drbhomedesign.com

PERSONAL RESIDENCE

DRB DESIGN
reidbyrd@drbhomedesign.com 919.631.5979
259 Shipwash Dr Suite 105 Garner, NC 27529

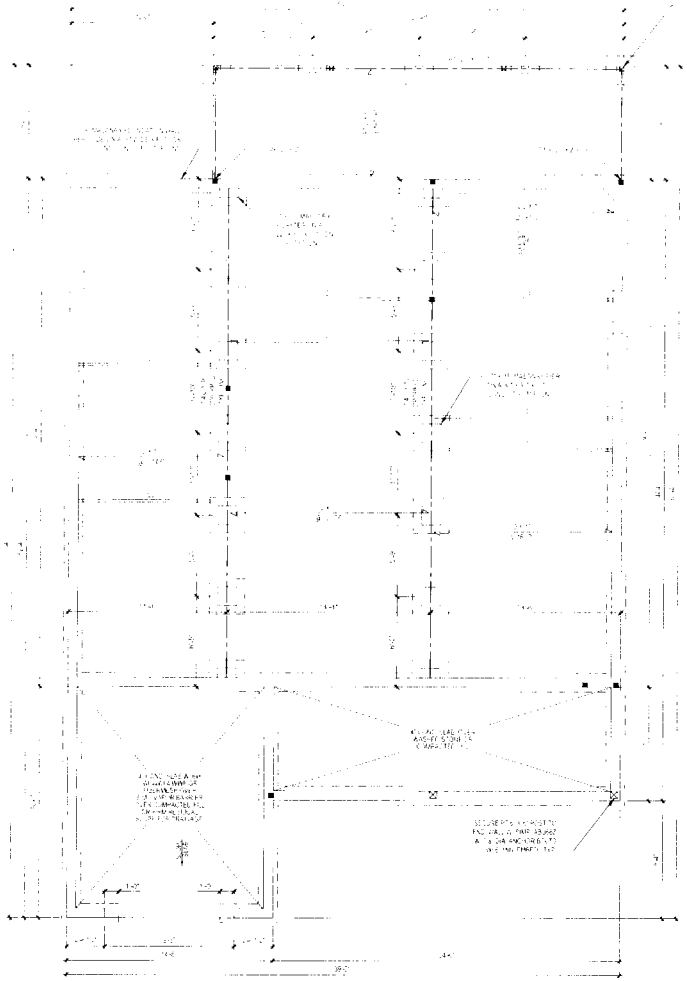
OWNER:
Ma. Jo. Generational Properties, LLC
3548 Ashe Ave.
Dunn, NC 28334
ma.jo.generational.properties@gmail.com
919-631-0034

SHEET NAME: 1ST_FLOOR
SHEET #: A4 of 4

DESIGN LOADS

STRUCTURAL NOTES

STRUCTURAL SHEATHING NOTES



CRAWL SPACE VENTILATION CALCULATION

TYNDALL

LISA MERCADO

PERSONAL RESIDENCE

# FOUNDATION PLAN
# 1ST FLOOR FRAMING

Project: DRHC20-0000A

Date: 07.16.22

Drawn by: AM

Checked by: PTH

Scale: SEE PLAN

REVISIONS

| No. | Date | Remarks |
|---|---|---|
| 1 | | |
| 2 | | |
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Sheet Number

S1

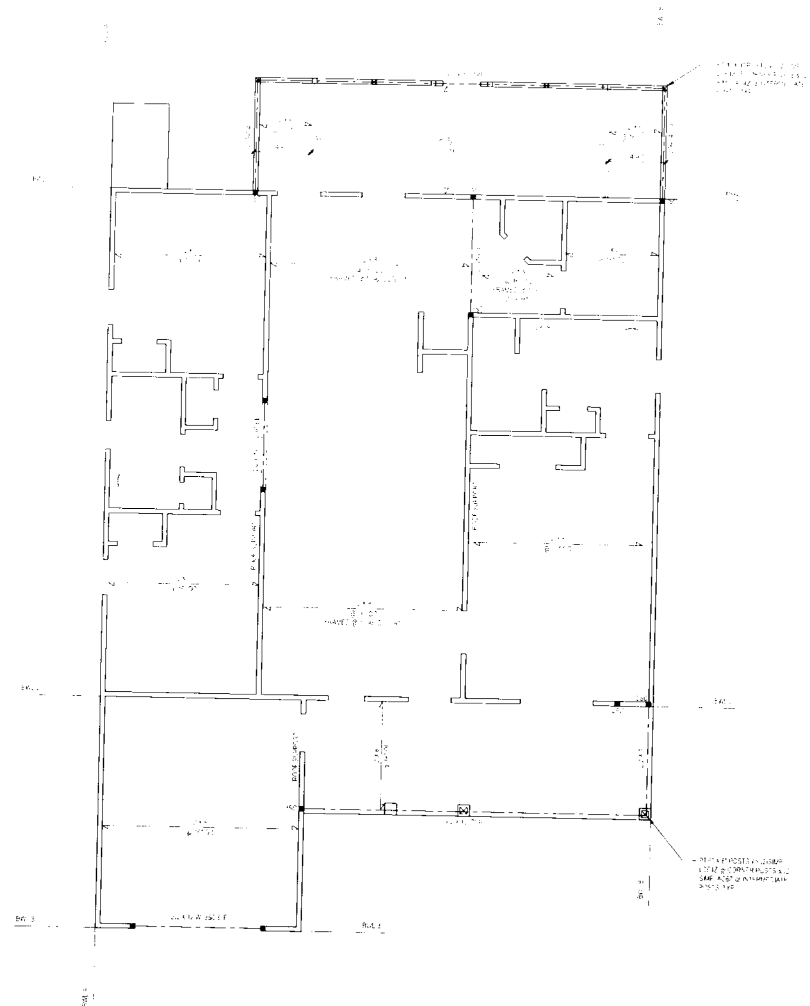
1 of 5

DESIGN LOADS

[illegible]

STRUCTURAL NOTES

[illegible]



STRUCTURAL SHEATHING NOTES

1. DESIGNED FOR SEISMIC ZONE [illegible] AND WIND SPEED [illegible]
2. WALLS SHALL BE BRACED IN ACCORDANCE WITH SECTION R602.10 OF THE [illegible]
3. BRACING REQUIREMENTS SHALL BE PER TABLE R602.10 [illegible] REFER TO SECTION R602 [illegible] FOR TYPICAL PATH DETAILS INCLUDING CONNECTIONS & SUPPORT OF BRACED WALL PANELS.

(1) REFERENCE FIGURE R602.10 [illegible]

4. INTERIOR BRACED WALL PANELS (WHERE INDICATED) SHALL BE SHEATHED IN ACCORDANCE WITH THE GB METHOD OR WSP METHOD AS PRESCRIBED IN SECTION R602 [illegible]

(2) 1/2" GYPSUM BOARD (GB) MINIMUM LENGTH [illegible] ISOLATED PANEL [illegible] CONTINUOUS SHEATHING [illegible] NAILS [illegible] SPACED @ 7" O.C. AT PANEL EDGES, INCLUDING TOP AND BOTTOM PLATES & 7" O.C. AT INTERMEDIATE SUPPORTS

(3) WOOD STRUCTURAL PANEL (WSP) SECURE WITH COMMON NAILS SPACED AT [illegible] O.C. AT PANEL EDGES AND [illegible] O.C. AT INTERMEDIATE SUPPORTS

5. EXTERIOR BRACED WALL PANELS (BWP) SHALL BE CONSTRUCTED IN ACCORDANCE WITH CS-WSP METHOD AS PRESCRIBED IN SECTION R602.10.3 [illegible]
6. ALL SHEATHABLE SURFACES OF EXTERIOR WALLS, INCLUDING AREAS ABOVE AND BELOW OPENINGS AND GABLE END WALLS SHALL BE CONTINUOUSLY SHEATHED WITH WOOD STRUCTURAL PANEL (WSP) SHEATHING WITH A MINIMUM THICKNESS OF [illegible] SHEATHING SHALL BE [illegible] WITH MINIMUM [illegible] COMMON NAILS SPACED AT [illegible] O.C. AT PANEL EDGES AND SPACED AT 12" O.C. AT INTERMEDIATE SUPPORTS
7. MINIMUM BRACED WALL PANEL LENGTHS WITH CS-WSP METHOD SHALL BE AS FOLLOWS:
   - 24" ADJACENT TO OPENINGS NOT MORE THAN 67% OF WALL HEIGHT
   - [illegible] ADJACENT TO OPENINGS GREATER THAN 67% AND LESS THAN [illegible] OF WALL HEIGHT
   - [illegible] FOR OPENINGS GREATER THAN [illegible] OF WALL HEIGHT

(4) SHEATH INTERIOR & EXTERIOR

9. FOR CS-WSP METHOD, A MINIMUM 24" BRACED WALL PANEL CORNER RETURN SHALL BE PROVIDED AT BOTH ENDS OF A BRACED WALL LINE IN ACCORDANCE WITH FIGURE R602.10.[illegible] IN LIEU OF A CORNER RETURN EITHER A MIN. 48" BRACED WALL PANEL SHALL BE PROVIDED AT THE CORNER OR A HOLD-DOWN DEVICE WITH A MINIMUM UPLIFT DESIGN VALUE OF [illegible] SHALL BE FASTENED TO THE EDGE OF THE BRACED WALL PANEL CLOSEST TO THE CORNER AND TO THE FOUNDATION OR FRAMING BELOW

(5) MINIMUM [illegible] HOLD-DOWN DEVICE

BRACING PANEL LENGTHS REQUIRED
BWL A = [illegible] FT
BWL B = [illegible] FT
BWL 1 = [illegible] FT
BWL 2 = [illegible] FT
BWL 3 = [illegible] FT

BRACING PANEL LENGTHS PROVIDED
BWL A = [illegible] FT CS-WSP
BWL B = [illegible] FT CS-WSP
BWL 1 = [illegible] FT CS-WSP
BWL 2 = [illegible] FT CS-WSP [illegible]
BWL 3 = [illegible] FT CS-WSP

TYNDALL ENGINEERING & DESIGN, P.A.

LISA MERCADO

PERSONAL RESIDENCE

1ST FLOOR HEADER
2ND FLOOR FRAMING

| | |
|---|---|
| Project # | DRB2201-0060A |
| Date | 03-16-22 |
| Engineered By | AM |
| DWG Checked By | PTH |
| Scale | SEE PLAN |

REVISIONS

| No | Date | Remarks |
|---|---|---|
| 1 | | |
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Sheet Number

S2

2 of 5

TYNDALL

MCJO GENERATIONAL PROPERTIES LLC

PERSONAL RESIDENCE

ROOF PLAN

DRC2021-07004

05-16-22

AM

FTH

SEE PLAN

REVISIONS

| No | Date | Remarks |
|---|---|---|
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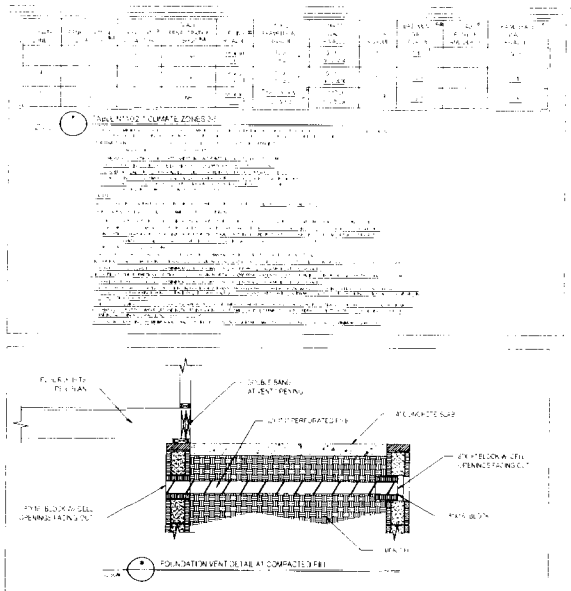
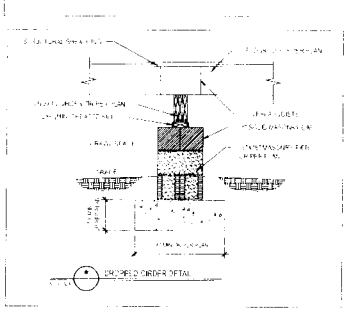
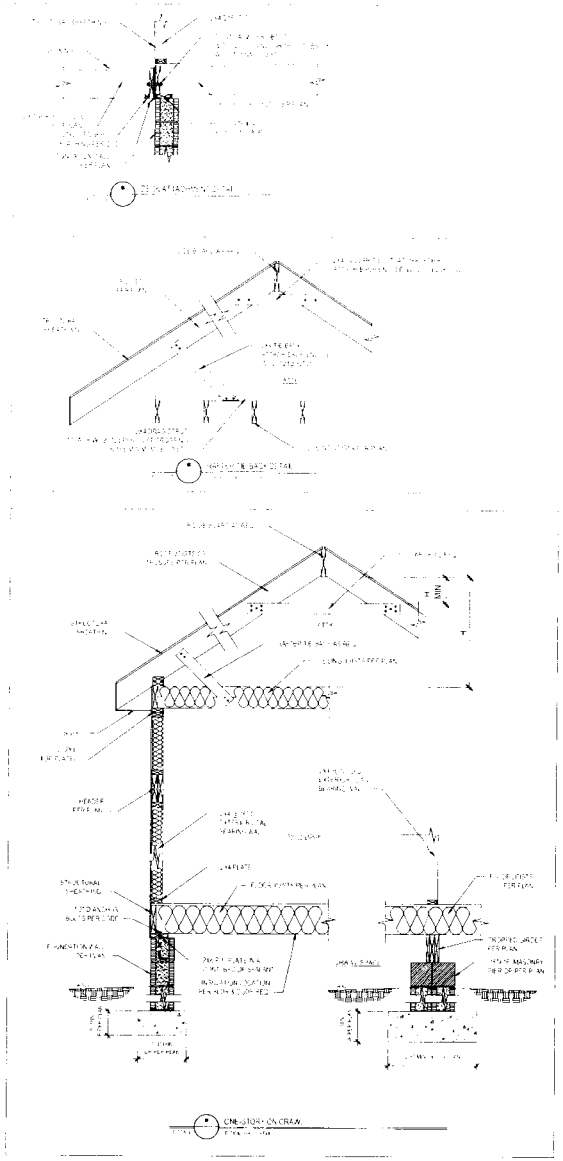
Sheet Number

S3

3 of 5




TYNDALL

TYPE: USA WEIGHTED

PROJECT: PERSONAL RESIDENCE

# STANDARD DETAILS

DATE: 03/02/2022

DWG. NO.: 13-6-22

DRAWN BY: AM

DESIGNED BY: PTH

SCALE: SEE PLAN

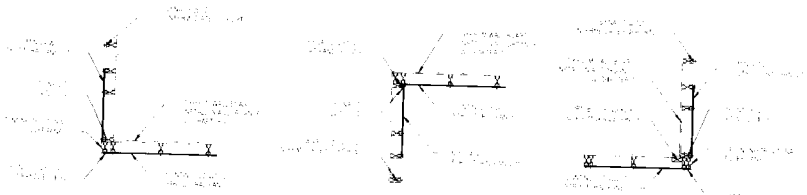
REVISIONS

| No. | Date | Remarks |
|---|---|---|
| 1 | | |
| 2 | | |
| 3 | | |
| 4 | | |

Sheet Number

D1

4 of 5

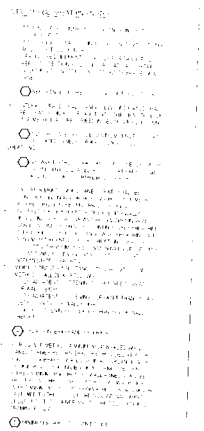


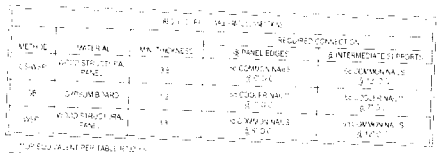
a) OUTSIDE CORNER DETAIL

b) INSIDE CORNER DETAIL

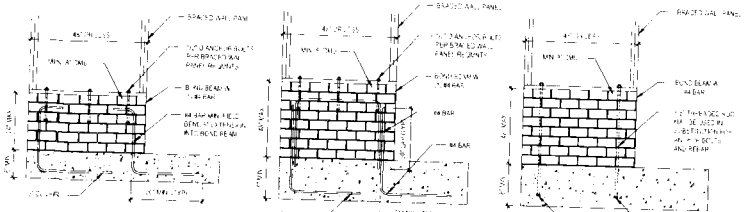
c) GARAGE DOOR CORNER

B1: TYPICAL EXTERIOR CORNER FRAMING FOR CONTINUOUS SHEATHING





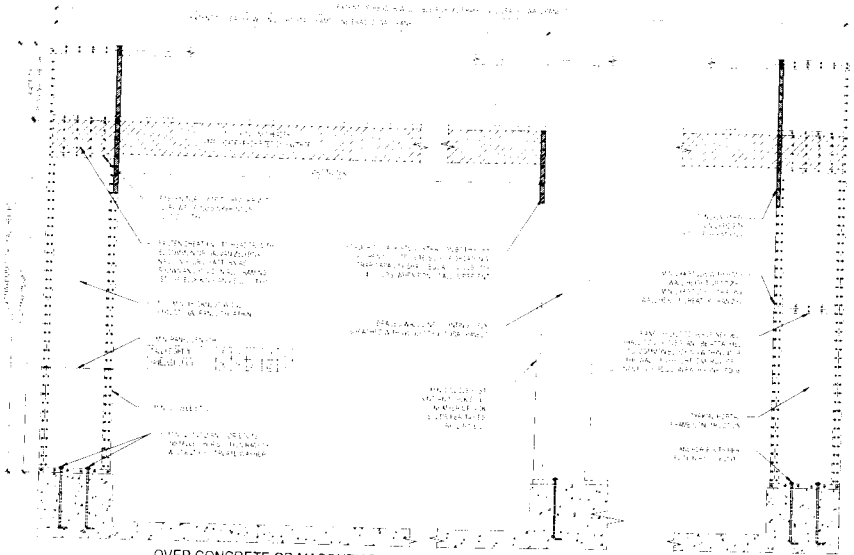
B3: BRACE WALL PANEL CONNECTIONS



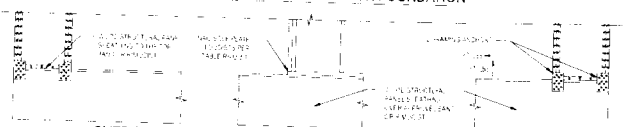
B4: MASONRY STEM WALL SUPPORTING BRACED WALL PANELS

FIGURE R602.10.4.3 OF THE 2015 IRC

NOTE: GROUT BOND BEAMS AND ALL CELLS WHICH CONTAIN REBAR, THREADED RODS AND ANCHOR BOLTS

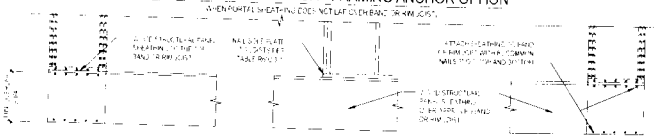


OVER CONCRETE OR MASONRY BLOCK FOUNDATION



OVER RAISED WOOD FLOOR - FRAMING ANCHOR OPTION

WHEN PORTAL SHEATHING DOES NOT LAP OVER BAND OR RIM JOIST



OVER RAISED WOOD FLOOR - OVERLAP OPTION

WHEN PORTAL SHEATHING LAPS OVER BAND OR RIM JOIST

B2: METHOD CS-PF: CONTINUOUSLY SHEATHED PORTAL FRAME

FIGURE R602.10.1.1

TYNDALL

LISA MERCADO

PERSONAL RESIDENCE

SHEATHING DETAILS

PROJECT NO. DRH2501-0009A

DATE 03.10.22

DRAWN BY AM

REVIEWED BY PTH

SCALE SEE PLAN

REVISIONS

| No. | Date | Revision |
|---|---|---|
| 1 | | |
| 2 | | |
| 3 | | |
| 4 | | |

Sheet Number

D2

Set 5