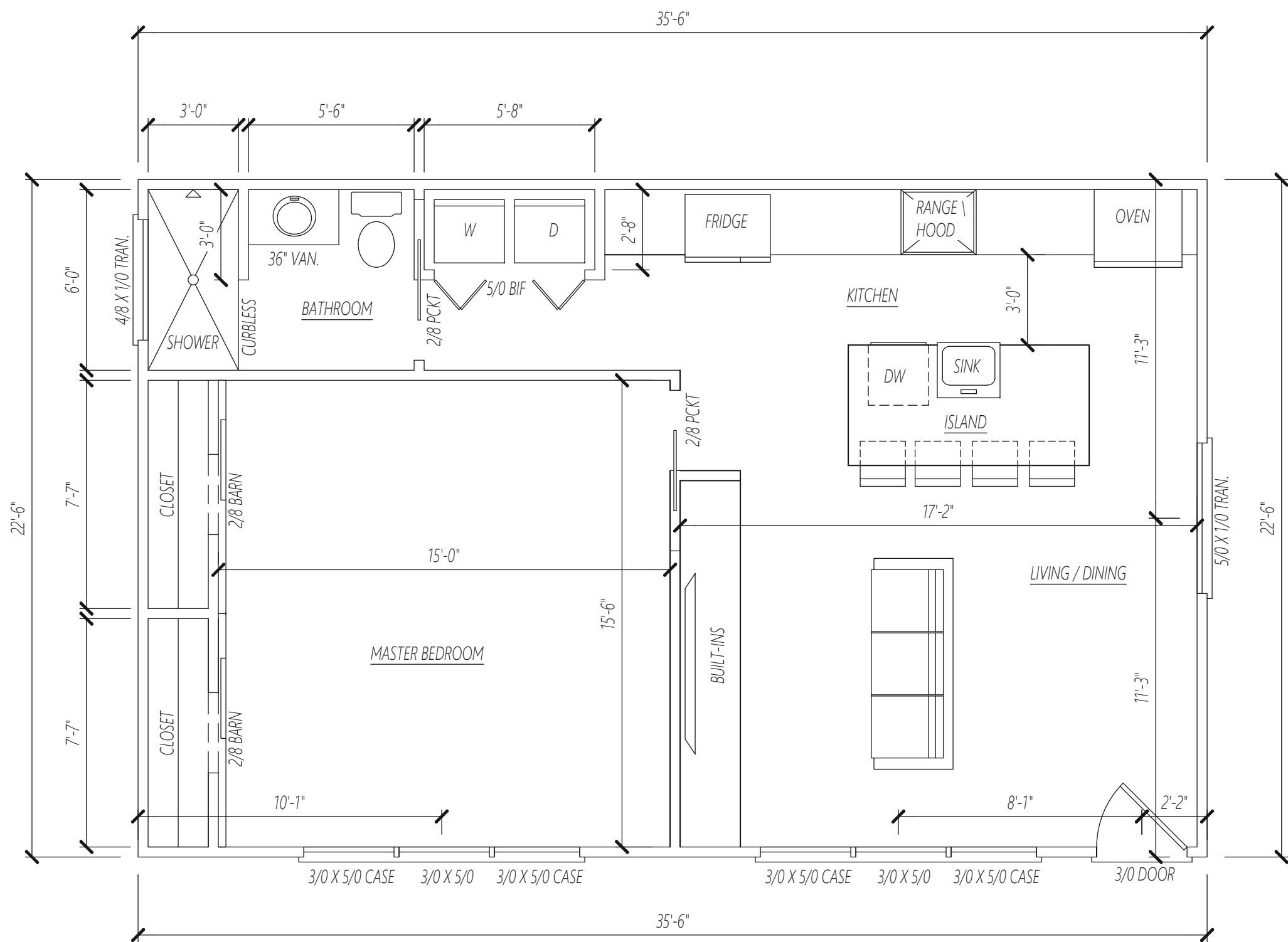




1ST FLOOR PLAN

WALLS AND CEILING  
1/4" = 1'-0"

**DISCLAIMER**  
IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO ENSURE THAT ALL WORK IS DONE IN ACCORDANCE WITH THE 2018 NORTH CAROLINA RESIDENTIAL BUILDING CODE (2018 NCRC)

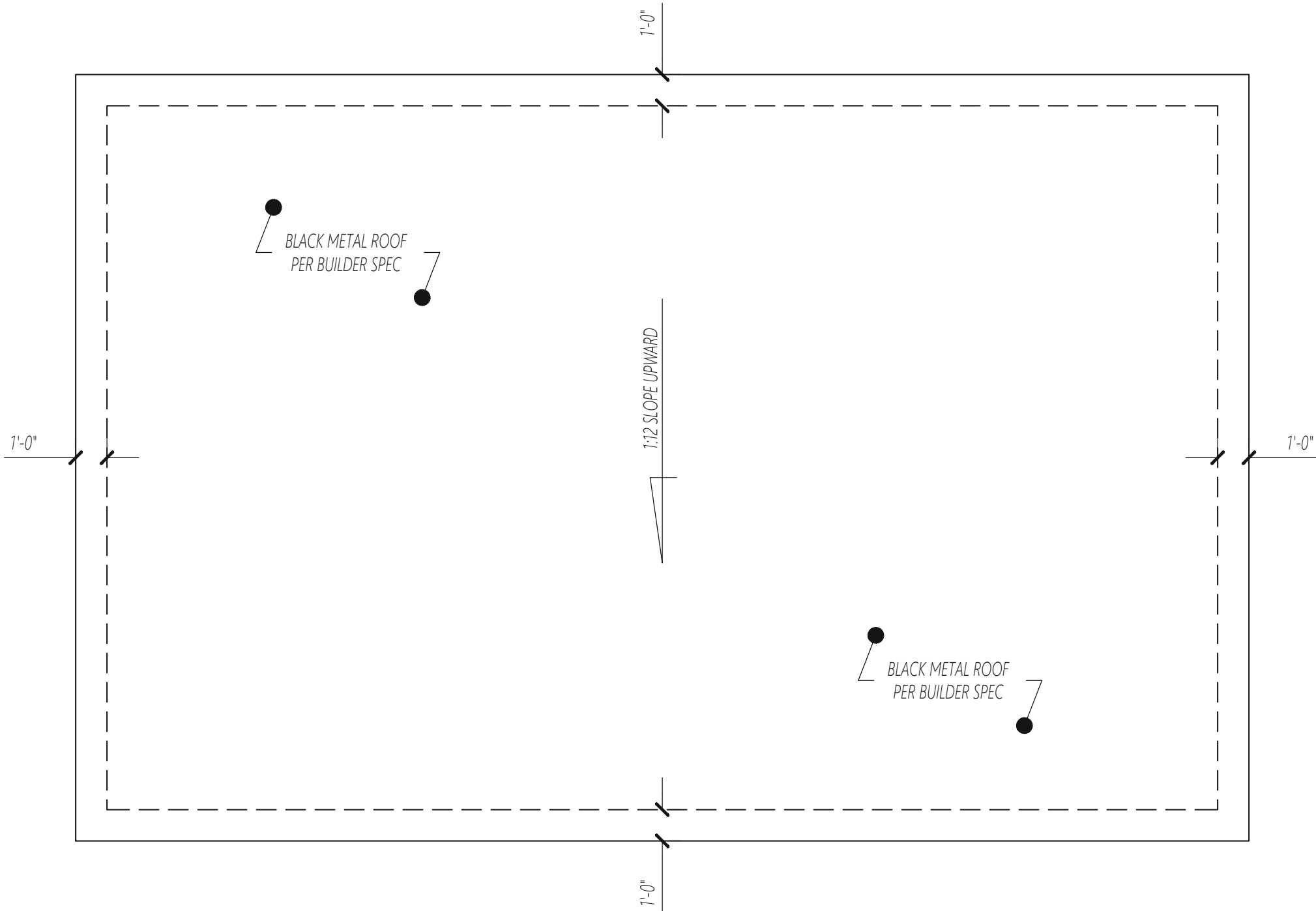
**AREAS**  
-HEATED AREA: 799 SQUARE FEET  
-TOTAL: 799 SQUARE FEET

NOTE: ROOF VENTILATION SHALL HAVE A MINIMUM TOTAL NET AREA OF 5 SQUARE FEET, INSTALL PER SECTION R806 OF THE 2018 NCRC

STAIRS / HANDRAILS / LANDINGS PER BUILDER, INSTALL PER 2018 NCRC AS REQUIRED FOR FINAL GRADING CONDITIONS

**DOOR / WINDOW NOTES**

-BUILDER TO DETERMINE FINAL WINDOW / DOOR HEIGHTS, SET NO HIGHER THAN 7'-0" A.F.F.  
-ALL GLASS IN HAZARDOUS LOCATIONS SHALL BE TEMPERED PER SECTION R308.4 OF THE 2018 NCRC



ROOF PLAN

1/4" = 1'-0"

| Insulation and Fenestration Requirements by Component |                       |                   |                          |                        |                          |
|-------------------------------------------------------|-----------------------|-------------------|--------------------------|------------------------|--------------------------|
| Climate Zone                                          | Fenestration U-Factor | Skylight U-Factor | Glazed Fenestration SHGC | Ceiling R-Value        | Wood Frame Wall R-Value  |
| 3                                                     | 0.35                  | 0.55              | 0.3                      | 38 or 30ci             | 15 or 13+2.5             |
| 4                                                     | 0.35                  | 0.55              | 0.3                      | 38 or 30ci             | 15 or 13+2.5             |
| 5                                                     | 0.35                  | 0.55              | NR                       | 38 or 30ci             | 19 or 13+5 or 15+3       |
| Climate Zone                                          | Mass Wall R-Value     | Floor R-Value     | Basement Wall R-Value    | Slab R-Value and Depth | Crawl Space Wall R-Value |
| 3                                                     | 5/13 or 5/10ci        | 19                | 5/13                     | 0                      | 5/13                     |
| 4                                                     | 5/13 or 5/10ci        | 19                | 10/15                    | 10, 2 feet             | 10/15                    |
| 5                                                     | 13/17 or 13/12.5ci    | 30                | 10/15                    | 10, 2 feet             | 10/19                    |

DRAWINGS PREPARED BY: Benjamin D. Oke, P.E.

*[Signature]*

DATE: 4-28-2025

DESIGN CONCEPT  
DRAWING, REFERENCE  
ENGINEERING FOR  
FULL SPECIFICATIONS

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Structural Engineering and Consulting  
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(919) 916-5200 License No. C-4754

NORTH HOME REMODELING  
ADU FLOOR PLANS, ELEVATIONS  
208 REYNOLDS

ENG: BDO  
DATE:  
REV:

PROJECT NO.  
25.20.015  
FLOOR PLANS

SHEET NO.  
F1  
1 of 2

DESIGN CONCEPT  
DRAWING, REFERENCE  
ENGINEERING FOR  
FULL SPECIFICATIONS

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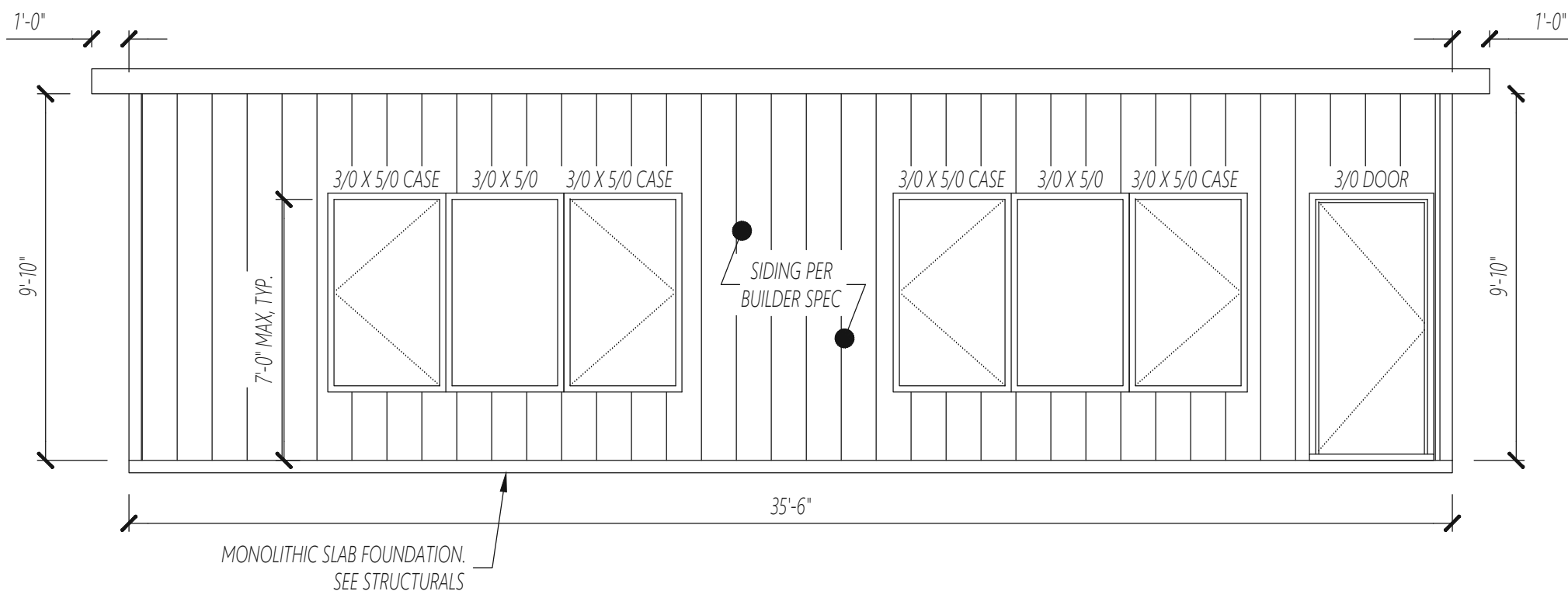
**oke nichols  
engineering**  
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NORTH HOME REMODELING  
ADU FLOOR PLANS, ELEVATIONS  
208 REYNOLDS

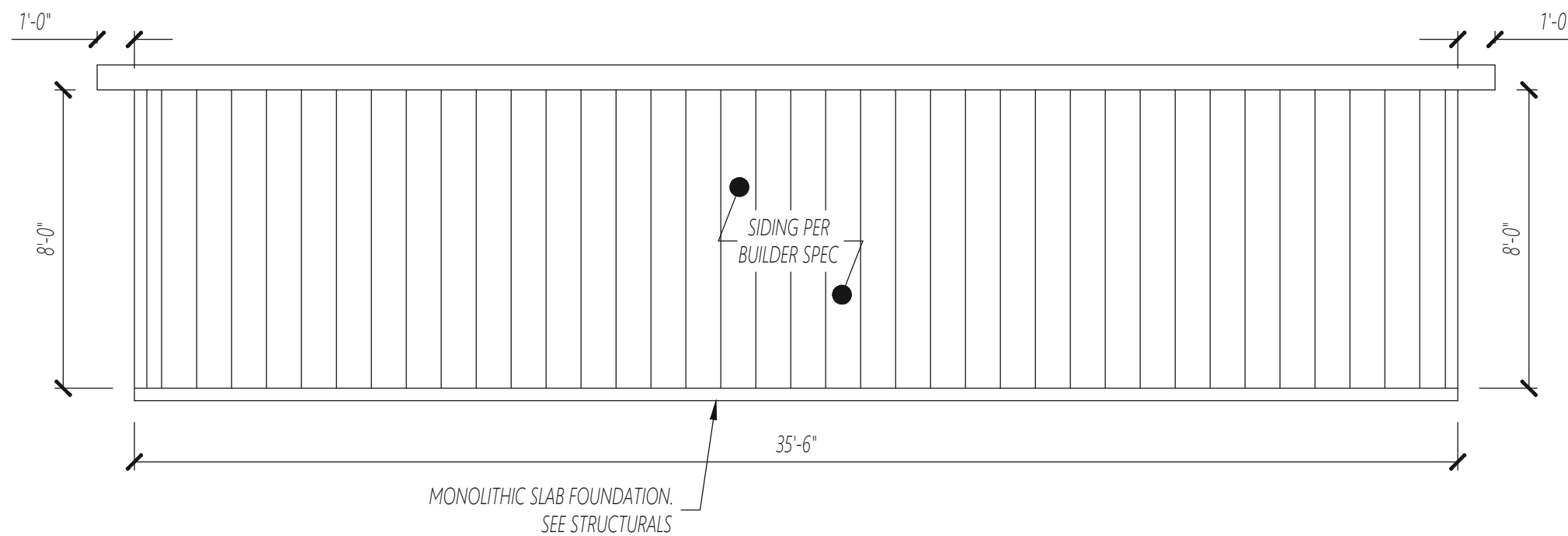
ENG: BDO  
DATE:  
REV:

PROJECT NO.  
25.20.015  
FLOOR PLANS

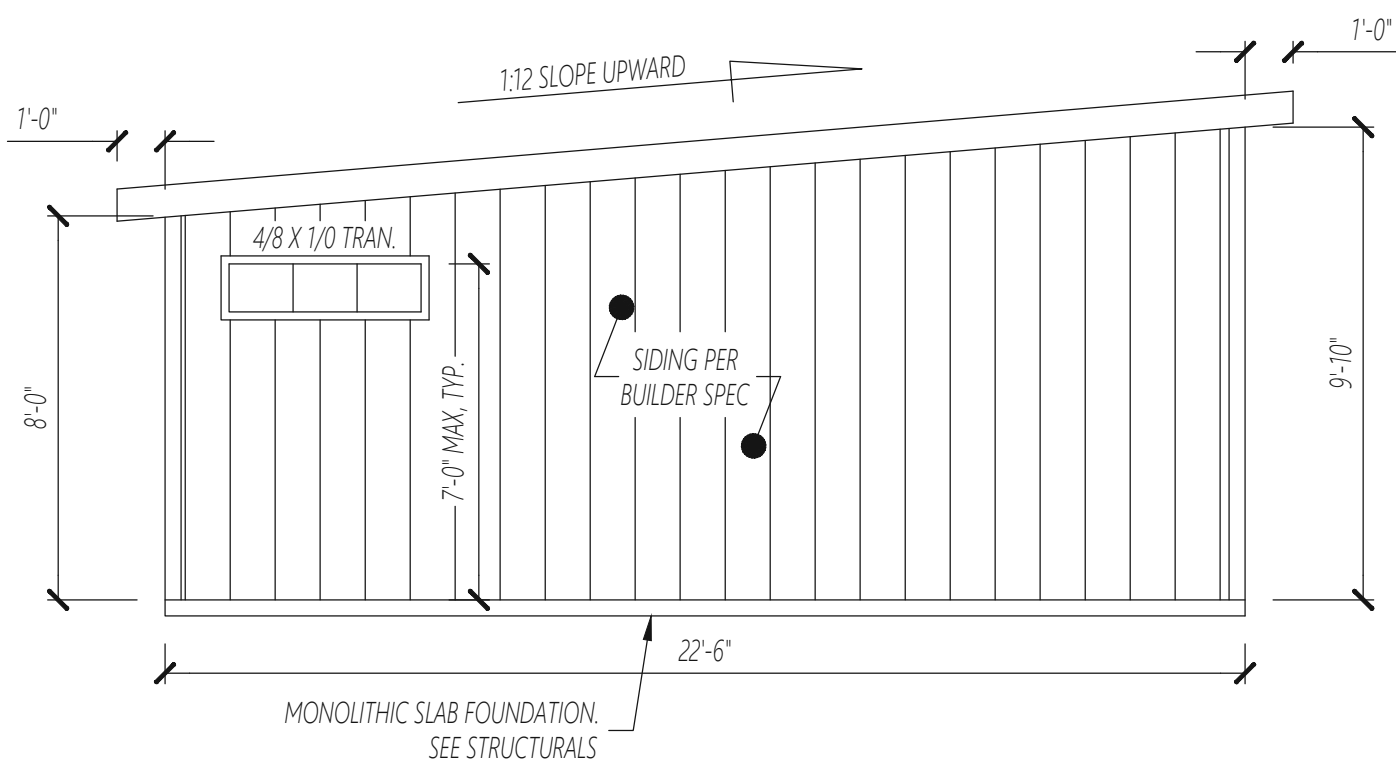
SHEET NO.  
E1  
2 of 2



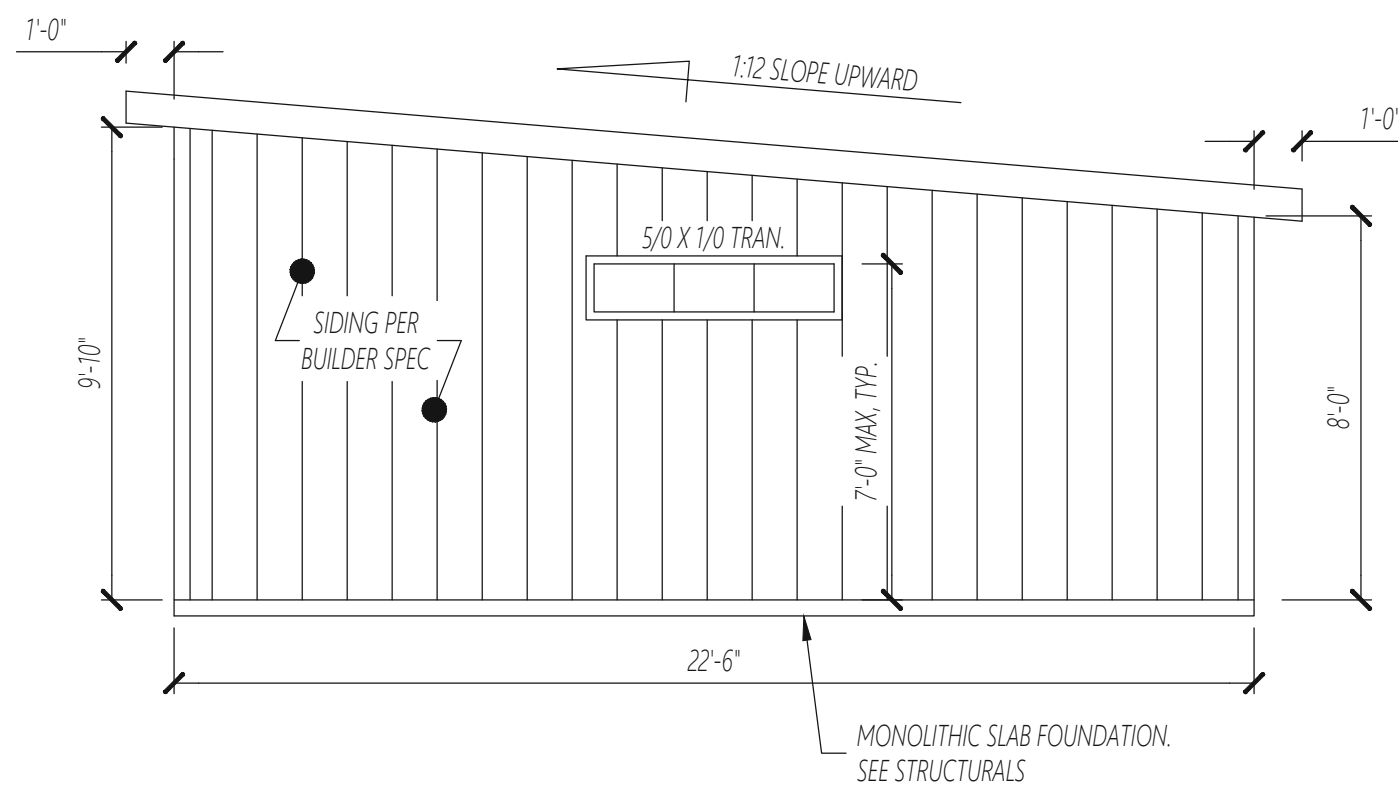
FRONT ELEVATION  
1/4" = 1'-0"



REAR ELEVATION  
1/4" = 1'-0"



LEFT ELEVATION  
1/4" = 1'-0"



RIGHT ELEVATION  
1/4" = 1'-0"