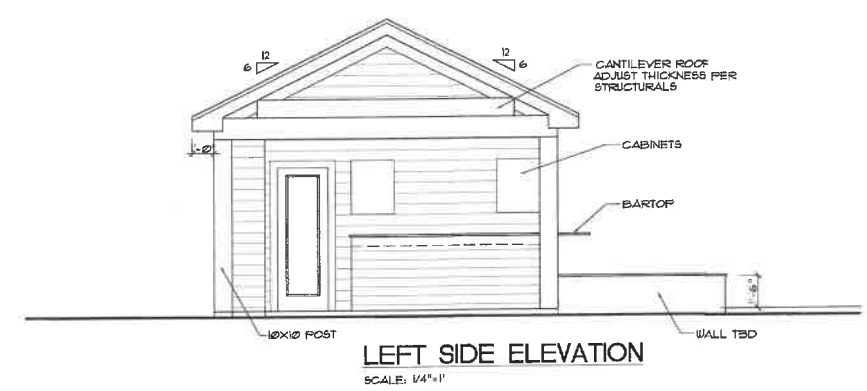
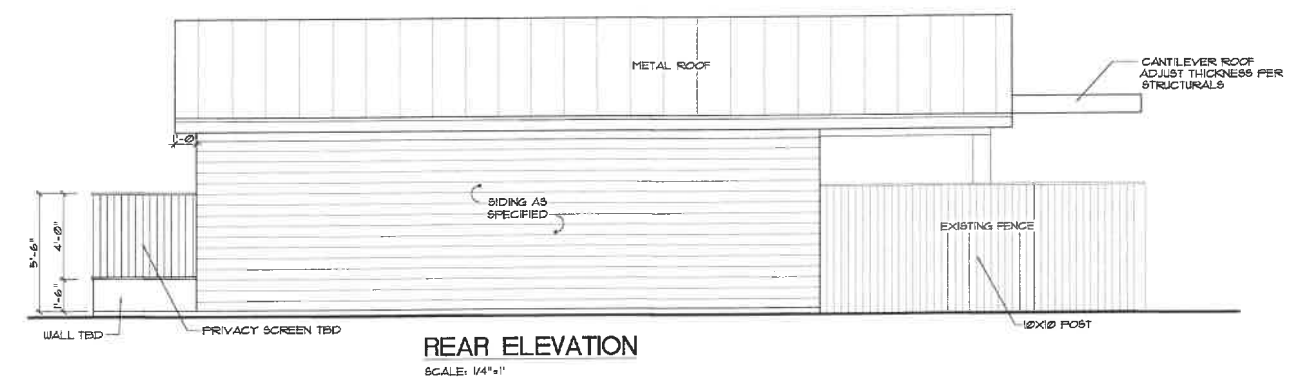
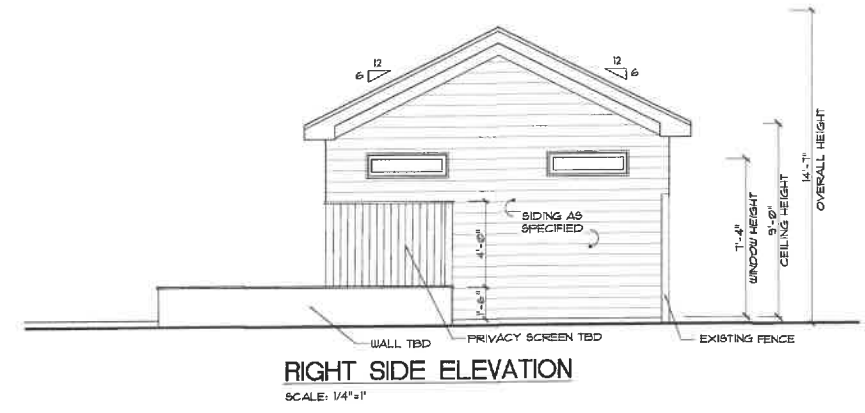
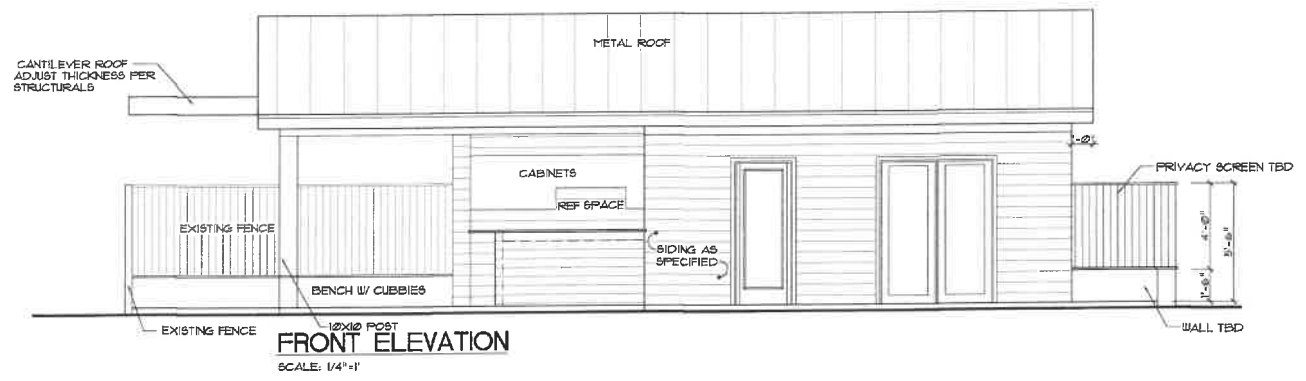




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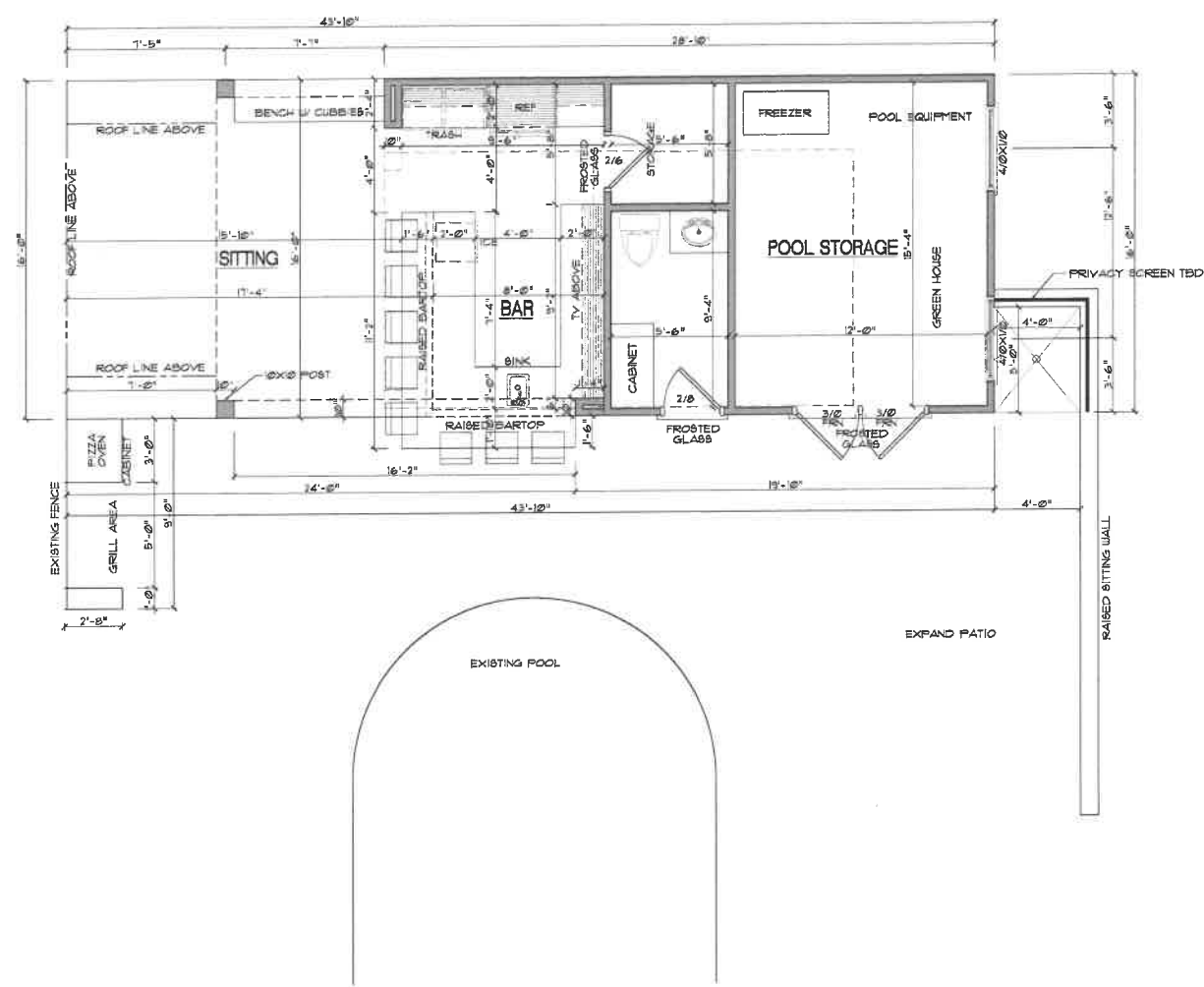
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ZEIGLER CLASSIC HOMES
& RENOVATIONS
700 TIGHMAN RD
POOL HOUSE



POOL HOUSE

A1



GENERAL NOTES

WALLS:
ALL WALLS ARE DRAWN 4" THICK UNO.
ANGLED WALL ARE DRAWN 4/8" UNO.

SMOKE DETECTORS:
LOCATION AND NUMBER OF DETECTORS SHALL CONFORM TO NEC.

EGRESS:
ALL BEDROOMS MUST HAVE AT LEAST ONE WINDOW WHICH CONFORMS TO R-510 OF THE N.C. BLDG. CODE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY CHOSEN WINDOWS MEET EGRESS REQUIREMENTS AS MANUFACTURERS VARY.

ATTIC ACCESS:
MIN. ATTIC ACCESS SHALL BE PROVIDED BY BUILDER AND LOCATED ON SITE.

WALL/CEILING HGT.
WALL AND CEILING HEIGHT NOTES ARE BASED ON NOMINAL WALL SIZE.
KNEE WALL HEIGHT LABELS FOR WALLS UNDER RAFTERS ASSUME AN EXTRA 2" FOR FURRING (IN HEATED SPACES) FOR INSULATION. THE WALL HEIGHT REFERS TO THE HGT. FROM THE FLOOR DECKING TO THE BOTTOM OF THE FURRING.

SURVEYOR & BUILDER TO VERIFY HOME PLACEMENT PRIOR TO CONSTRUCTION. THE DESIGN MEISTER ASSUMES NO RESPONSIBILITY OF SET BACK INTERFERENCE

NOTE:
ALL DIMENSIONS ARE ASSUMED.
BUILDER TO VERIFY PRIOR TO CONSTRUCTION

PLANS ARE DESIGNED TO MEET THE REQUIREMENTS OF THE NORTH CAROLINA RESIDENTIAL CODE, 2018 EDITION

- NEW CONSTRUCTION
- EXISTING CONSTRUCTION
- REMOVE EXISTING CONSTRUCTION

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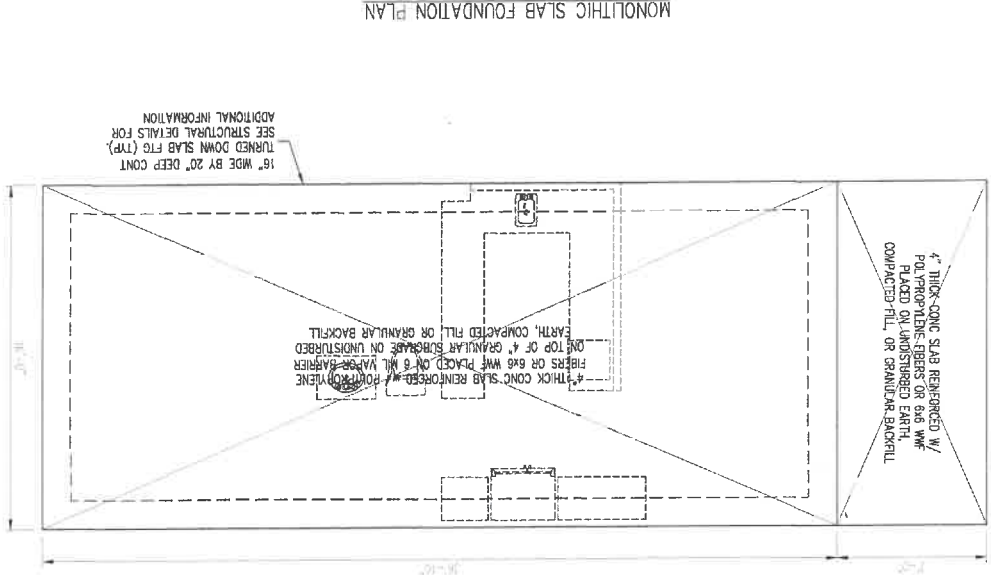
POOL HOUSE

A2

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MONOLITHIC SLAB FOUNDATION NOTES:

1. THE BOTTOM OF ALL FOOTINGS SHALL EXTEND A MINIMUM OF 12" BELOW GRADE OR BELOW THE FROST LINE, WHICHEVER IS GREATER.
2. ALL FOOTINGS TO BE EXCAVATED TO FIRM SOIL WITH A MINIMUM REQUIRED BEARING CAPACITY OF 2,000 PSF. CONSULT THE SEER SHOULD THE SOIL BEARING CAPACITY NOT BE MET OR IF ANY OTHER ADVERSE SOIL CONDITION IS ENCOUNTERED.
3. REFER TO NOTES AND DETAIL SHEETS FOR ADDITIONAL STRUCTURAL INFORMATION.

LEGEND

PLUMBING ABOVE (FOR REFERENCE ONLY).
REFER TO ARCH PLANS.



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by Zachary H.
Hayes, PE
Date: 2025.05.02
14:39:41 -04'00'

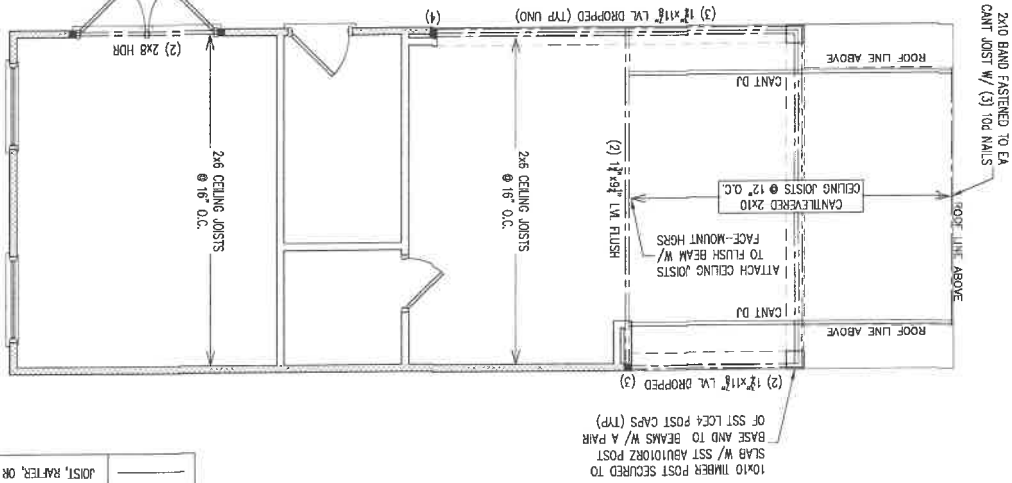
HAYES STRUCTURAL
Consulting & Design, PLLC
1501 LAKESTONE VILLAGE LN, #103 | FLOUAY-VARINA, NC 27526
ZACH@HAYESSTRUCTURAL.COM | (919) 210-3480
NC FIRM LICENSE NO.: P-2854

700 TILGHMAN RD
POOL HOUSE

PROJECT NO.: 24-TDM-006
DATE: MAY 2, 2025
(REVISED)
1/4" = 1'-0" (L&S)
24x36 PRINT SCALE: 1/4" = 1'-0" (L&S)
SHEET: MONOLITHIC SLAB
FOUNDATION PLAN

S-1

FIRST FLOOR FRAMING PLAN

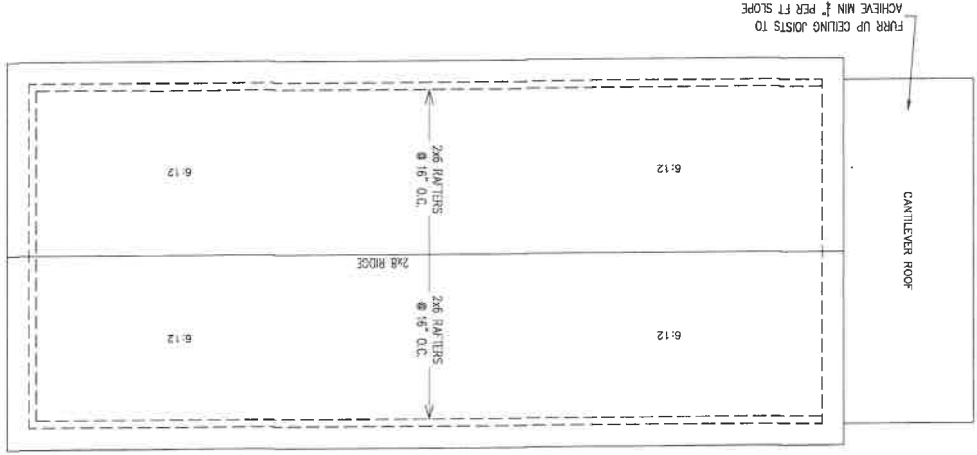


LEGEND	
STUD COLUMN AT POINT LOADS THAT REQUIRES SOLID BLOCKING TO GIBER OR FOUNDATION (#) DENOTES NUMBER OF STUDS. (2) STUDS REQUIRED IF NOT SPECIFIED.	■ (#)
BEARING WALL	=====
BEAM, GIRDER, OR HEADER AS SPECIFIED	----
JOIST, RAFTER, OR TRUSS AS SPECIFIED	----

HEADER SUPPORT		CLEAR SPAN		JACK STUDS		KING STUDS	
UP TO 3'	(1)	UP TO 3'	(1)	EXTERIOR:	(1)	INTERIOR:	(1)
>3' TO 6'	(2)	>3' TO 6'	(2)	>6' TO 8'	(2)	>6' TO 8'	(2)
>6' TO 9'	(2)	>6' TO 9'	(2)	>9' TO 12'	(4)	>9' TO 12'	(2)
>12' TO 15'	(3)	>12' TO 15'	(3)	>15' TO 18'	(6)	>15' TO 18'	(3)

- FIRST FLOOR FRAMING NOTES:
- SOLID SAWN FRAMING LUMBER TO BE SPF #2 OR SYP #2.
 - ALL LOAD BEARING HEADERS TO BE (2) 2x6 UNO.
 - HEADERS TO BE SUPPORTED BY JACK STUDS AND KING STUDS PER THE TABLE BELOW UNO.
 - EXTERIOR AND INTERIOR LOAD BEARING WALLS TO BE 2x4 @ 16" O.C. OR 2x6 @ 24" O.C. UNO.
 - ALL EXTERIOR WALLS TO BE SHEATHED WITH 1/2" APA RATED OSB EXPOSURE 1 ATTACHED WITH 6d NAILS @ 6" O.C. ALONG PANEL EDGES AND 12" O.C. IN PANEL FIELD (UNO) TO SATISFY WALL BRACING REQUIREMENTS PER SECTION R602.10.3 "CONTINUOUS SHEATHING" OF THE 2018 NCHRC.
 - REFER TO NOTES AND DETAIL SHEETS FOR ADDITIONAL STRUCTURAL INFORMATION.

ROOF FRAMING PLAN



- ROOF FRAMING NOTES:
- SOLID SAWN FRAMING LUMBER TO BE SPF #2 OR SYP #2.
 - ROOF SHEATHING TO BE 1/2" MINIMUM APA RATED OSB EXPOSURE 1 ATTACHED TO ROOF FRAMING WITH 6d NAILS @ 6" O.C. ALONG PANEL EDGES AND 12" O.C. IN PANEL FIELD UNO. SHEATHING SHALL HAVE A SPAN RATING THAT MATCHES OR EXCEEDS THE O.C. IN PANEL FIELD UNO.
 - FRAMING SPACING, REFER TO NOTES AND DETAIL SHEETS FOR ADDITIONAL STRUCTURAL INFORMATION.

LEGEND

== == == ROOF SUPPORT BELOW

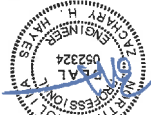
S-2

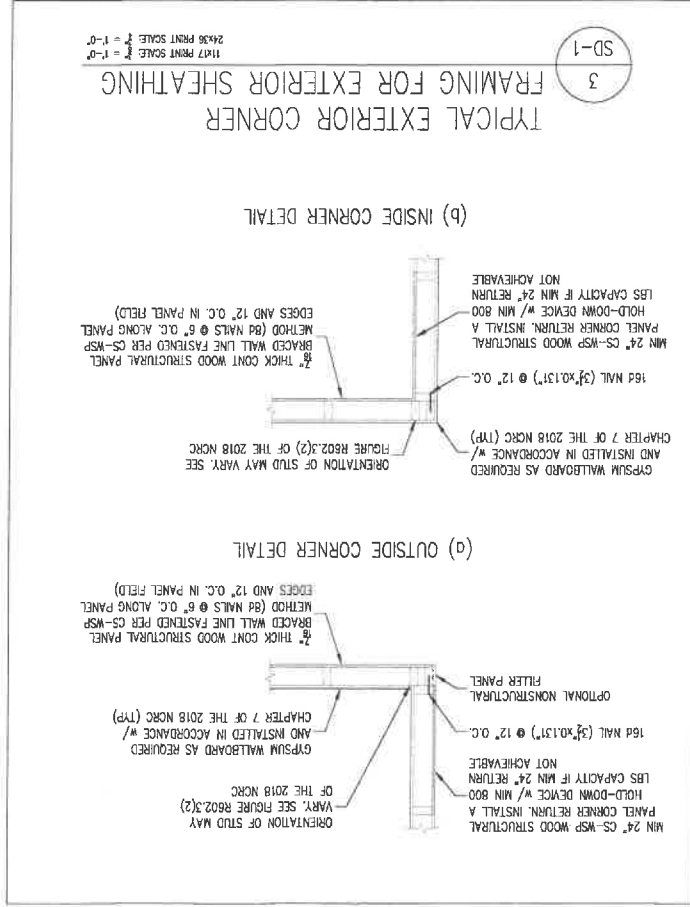
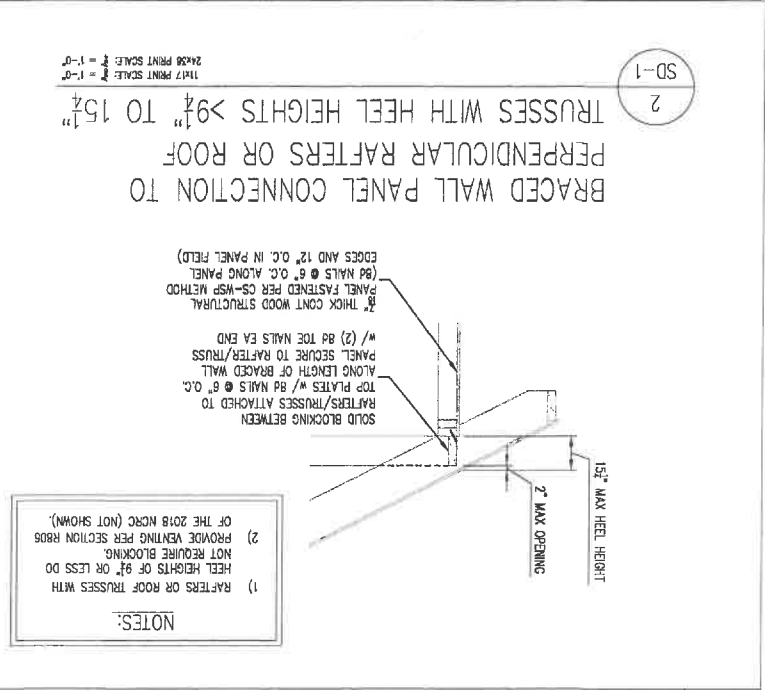
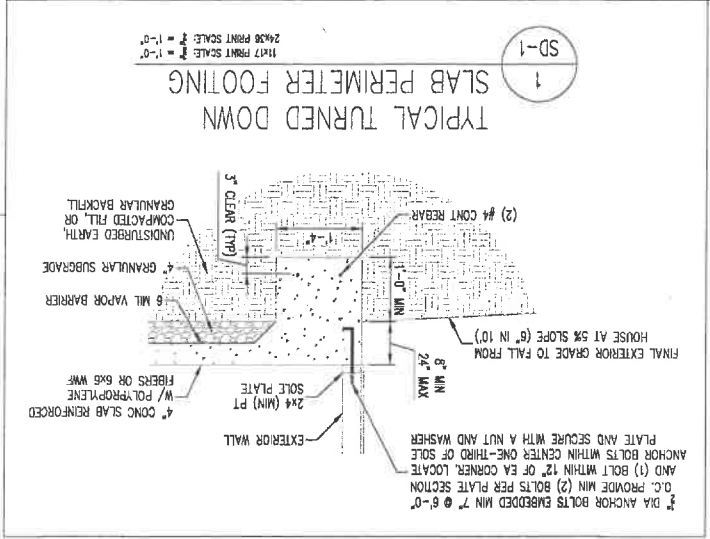
PROJECT NO.: 24-TDM-006
DATE: MAY 2, 2025
11x17 PRINT SCALE: 1/4" = 1'-0" (UNO)
2x36 PRINT SCALE: 1/4" = 1'-0" (UNO)
SHEET: FIRST FLOOR AND ROOF FRAMING PLANS

700 TILGHMAN RD
POOL HOUSE

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14:39:55 -04'00'
Date: 2025.05.02
Hayes, PE
by Zachary H.





Digitally signed
by Zachary H.
Hayes, PE
Date: 2025.05.02
14:40:07 -04'00'

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700 TILGHMAN RD
POOL HOUSE

PROJECT NO.: 24-TDM-008
DATE: MAY 2, 2025
SCALE: AS NOTED
SHEET: STRUCTURAL DETAILS

SD-1