

NEW 52'x99'x10'-6" W/ 24'x36'x10'-6" HOME

SITE LOCATION:

THE ANDERSON FAMILY
648 HAYES ROAD,
SPRING LAKE NC, 28390

BUILDING CODES & ZONING ORDINANCES

1. EXECUTE ALL WORK IN ACCORDANCE WITH LOCAL AND FEDERAL CODES, MANUFACTURERS' RECOMMENDATIONS, TRADE AND REFERENCE STANDARDS.
2. THIS PLAN ARE TO COMPLY WITH THE FOLLOWING GOVERNING AUTHORITIES:
 - A. INTERNATIONAL BUILDING CODE (IBC 2015 AMENDED)
 - B. NORTH CAROLINA RESIDENTIAL CODE (IRC 2015 AMENDED)

DESIGN DATA:

GROUND SNOW LOAD:	10 PSF
ROOF LIVE LOAD:	20 PSF
ROOF DEAD LOAD:	15 PSF
ULTIMATE WIND DESIGN:	120 MPH
WIND EXPOSURE:	B
SEISMIC DESIGN CATEGORY:	B
ASSUMED SOIL BEARING:	1,500 PSF
ROOF DEFLECTION:	L/180
FLOOR DEFLECTION:	L/360
FROST DEPTH:	12"

BUILDING INFORMATION

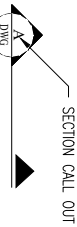
BUILDING SIZE:	52'x99'x10'-6" w/24'x36'x10'-6"
BREEZEWAY:	40 SF
1st FLOOR LIVING:	2,069 SF
COVERED PATIO:	440 SF
COVERED PORCH:	126 SF
GARAGE:	864 SF
MECHANICAL ROOM:	21 SF
TOTAL UNDER ROOF:	3,560 SF



DATE: 03-13-2025

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2025

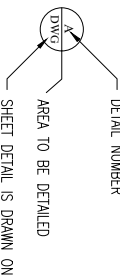
STRUCTURAL GRAPHICS SYMBOLS



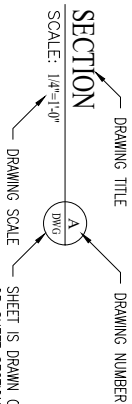
— SHEET SECTION IS DRAWN ON
SECTION CROSS-REFERENCES
SYMBOL



EXTERIOR ELEVATION
CROSS-REFERENCE SYMBOL

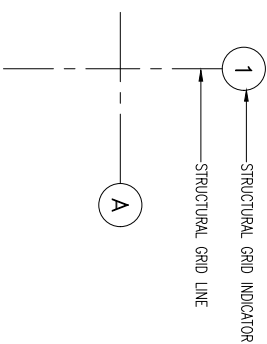


DETAIL	CROSS-REFERENCE	SYMBOL
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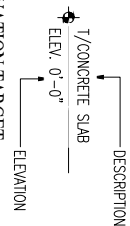


— DRAWING SCALE — SHEET IS DRAWN ON
 OR SHEET SECTION WAS CUT

DRAWINGS TITLE SYMBOL



STRUCTURAL GRID	REFERENCE SYMBOL
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REVISION INDICATOR
SYMBOL



ABBREVIATIONS

ABBREVIATIONS			
TYPE	DESCRIPTION	TYPE	DESCRIPTION
A.B. ALT. ARCH. AVG.	ANCHOR BOLT ALTERNATE ARCHITECTURAL AVERAGE	L L.H. L.L.V. L.P.	LENGTH LONG LEG HORIZONTAL LONG LEG VERTICAL LOW POINT
BCDL BCLL BFF. BLDG. BM. B.O. BOT. BRG.	BOTTOM CHORD DEAD LOAD BOTTOM CHORD LIVE LOAD BELOW FINISH FLOOR BUILDING BEAM BOTTOM OF BOTTOM BEARING	MAX. MECH. MEZZ. MFR. MIN. MISC. MWFRS M.O.	MAXIMUM MECHANICAL MEZZANINE MANUFACTURER MINIMUM MISCELLANEOUS MAIN WIND FORCE RESISTING SYSTEM MASONRY OPENING
C.J. CLR. C.M.U. CONC. CONST., JT. CONT.	CONTROL JOINT CLEAR CONCRETE MASONRY UNIT CONCRETE CONSTRUCTION JOINT CONTINUOUS	N.S. O.C. O.D. O.H. O/O	NEAR SIDE ON CENTER OUTSIDE DIAMETER OVER HEAD OUT TO OUT
D DET. DIA.	DEPTH DETAIL DIAMETER	P.S.F. P.S.L.	POUNDS PER SQUARE FOOT POUNDS PER SQUARE INCH
ELEV. EQ. E.W. EXIST.	ELEVATION EQUAL EACH WAY EXISTING	R. REIN.	RADIUS REINFORCEMENT
FIN. F.L.R. FND. F.S. FTG.	FINISH FLOOR FOUNDATION FAR SIDE FOOTING	SIM. T.&B TCDL TCLL T.O. T.O.S. TYP.	SIMILAR TOP AND BOTTOM TOP CHORD DEAD LOAD TOP CHORD LIVE LOAD TOP OF TOP OF STEEL TYPICAL
GA.	GAUGE	UN.O.	UNLESS NOTED OTHERWISE
HORIZ. H.P. INSUL. I.L.O.	HORIZONTAL HIGH POINT INSULATION IN LIEU OF	VERT. V.I.F. W.W.F. W W/	VERTICAL VERIFY IN FIELD WELDED WIRE FABRIC WIDTH WITH

STRUCTURAL DRAWING LIST:

- S0.1 TITLE SHEET
- S0.2 GENERAL & STRUCTURAL NOTES
- S1.0 FOUNDATION PLAN
- S1.1 CONCRETE SLAB & CONTROL JOINT PLAN w/ SECTIONS
- S1.2 TYPICAL FOUNDATION DETAILS
- S2.0 EXTERIOR WALL FRAMING PLAN
- S2.1 CEILING JOISTS FRAMING PLAN
- S2.2 ROOF FRAMING PLAN
- S2.3 TYPICAL BUILDING SECTIONS & WALL SECTION
- S2.4 TYPICAL DETAILS
- S2.5 FRAMING ELEVATIONS
- S2.6 FRAMING ELEVATIONS

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SPRING LAKE NC,28390

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[illegible]

SUBMIT DATE: 04/21/2025	UPDATES BY: M. SCHMIDT
REVIEW DATE: 04/11/2025	REVIEW BY: L. AHMAD
APPROVAL DATE: 03/11/2025	APPROVED BY: J. CRAMER

VERIFY ALL
DIMENSIONS IN FIELD

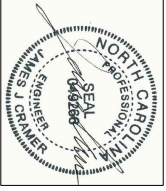
VERIFY ALL EXTENSIONS IN FIELD

TITLE SHEET

S.O.1



STRUCTURAL ENGINEERING
1640 AKRON-PENINSULA ROAD
BUILDING #1-SUITE 202
AKRON, OH 44313
Phone (440) 655-1348
email: james@cranerengincerting.com
www.cranerengincerting.com



DATE: 03-13-2025

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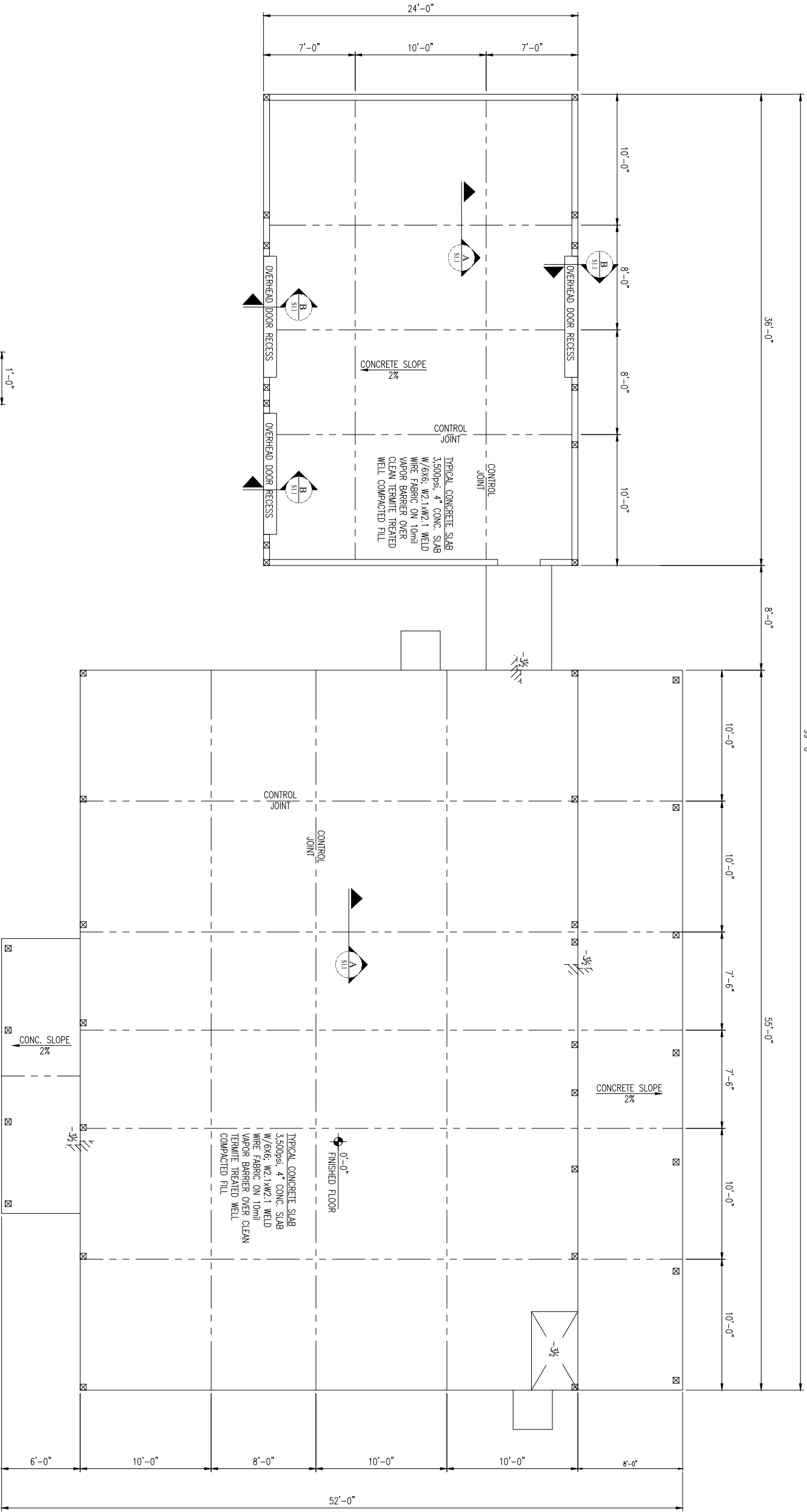
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[illegible]

VERIFY ALL
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CONCRETE SLAB & CONTROL JOINT PLAN w/SECTIONS

S1.1

TYPICAL CONTROL
JOINT SECTION

SCALE: 1"=1'-0"



**TYPICAL FOOTING
WATER STOP RECESS**

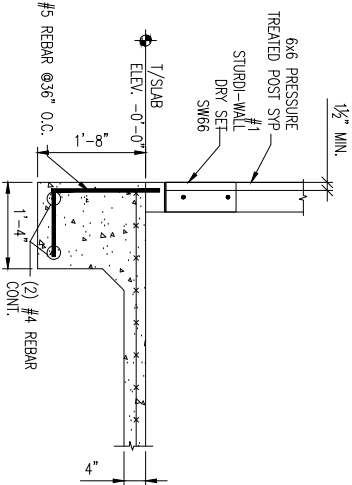
SCALE: 1"=1'-0"





DATE: 03-13-2025

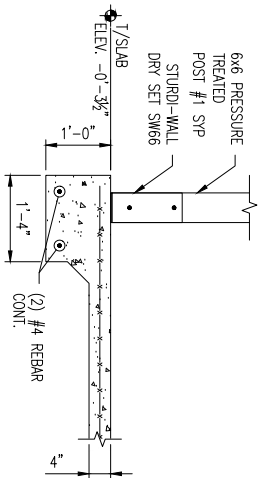
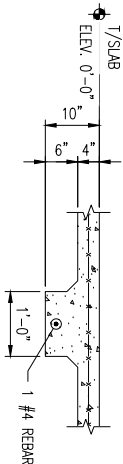
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2025



FOOTING @
6x6 POST
SCALE: 3/4"=1'-0"

C

TYPICAL THICKENED
SLAB SECTION
SCALE: 3/4"=1'-0"

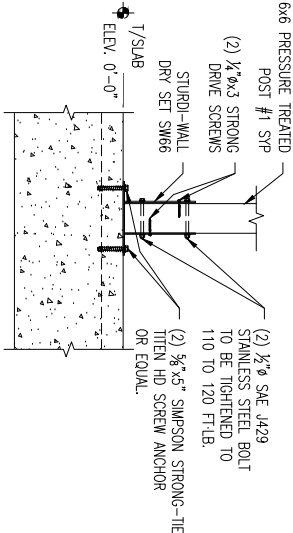
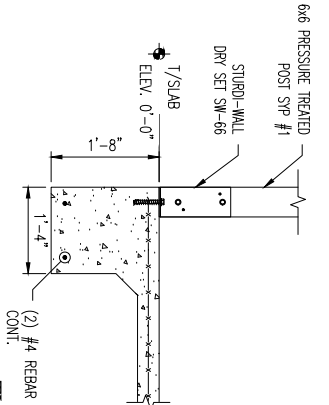
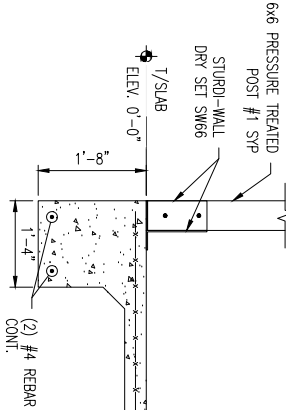


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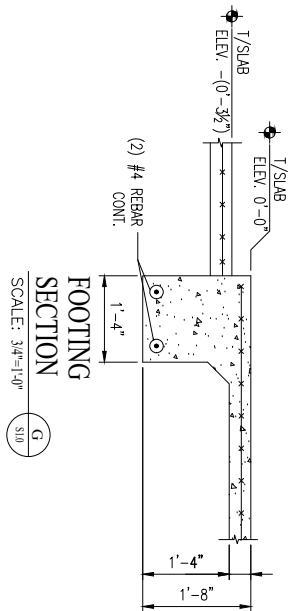
FOOTING @
PORCH 6x6 POST
SCALE: 3/4"=1'-0"

A

FOOTING CORNER
6x6 POST
SCALE: 3/4"=1'-0"



TYPICAL STANDARD DETAILS FOR
STURDI-WALL DRY SET
ANCHOR BRACKET
SCALE: 3/4" = 1'-0"



FOOTING
SECTION
SCALE: 3/4"=1'-0"

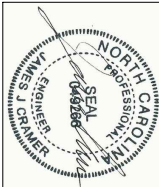
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REVISION		
REVISIONS	DATE	DESCRIPTION

START DATE: 02/12/2025	DRAWN BY: M. SHARIT
DESIGN DATE: 02/11/2025	REVIEW BY: J. JAMRO
APPROVAL DATE: 03/11/2025	APPROVED BY: J. CRAMER

VERIFY ALL
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TYPICAL FOUNDATION
DETAILS



DATE: 03-13-2025

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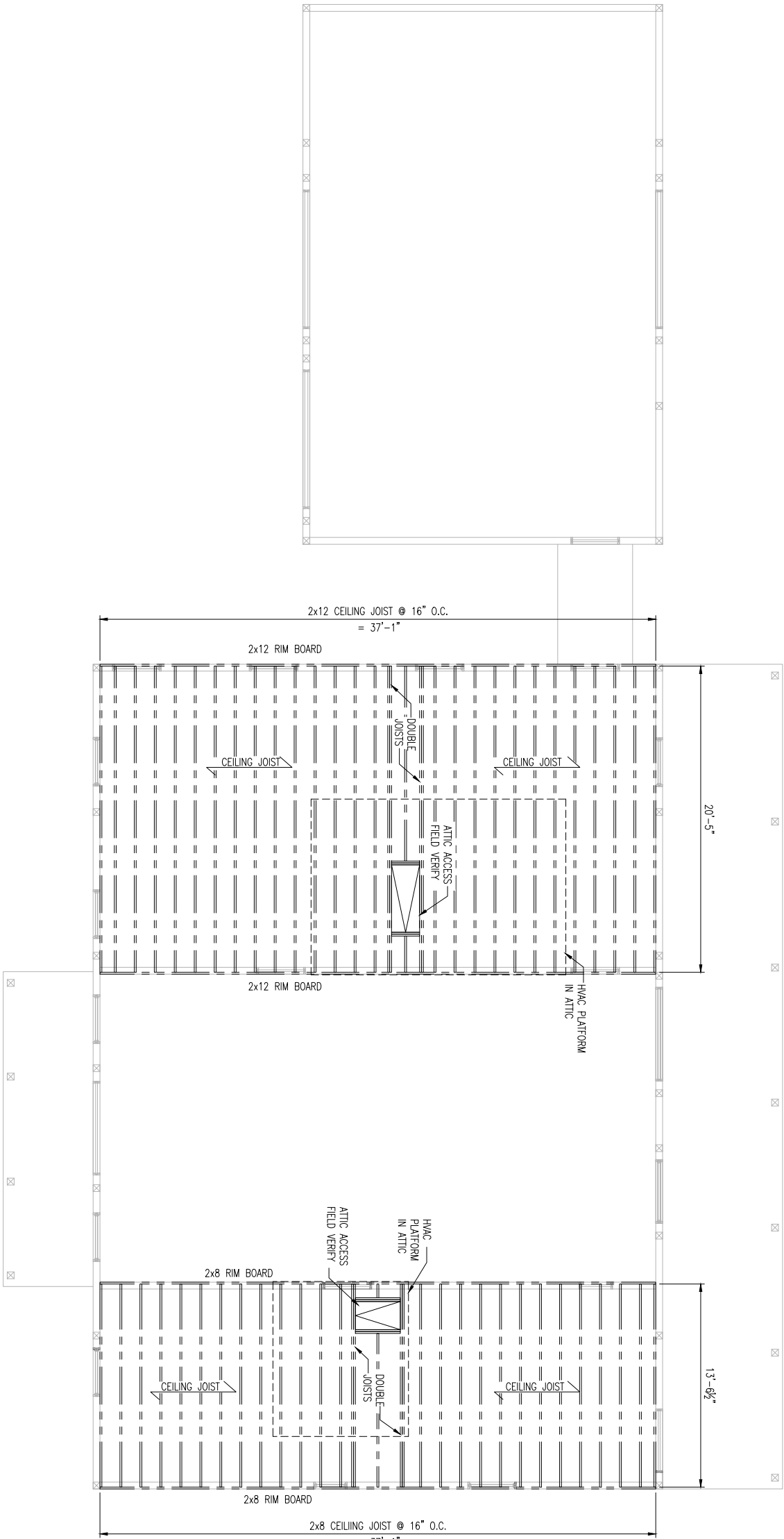
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No. 25-1021-05
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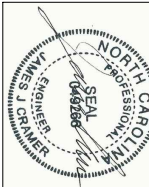
REVISION		
REVISIONS	DATE	DESCRIPTION

DRAWN BY: J. J. CRAMER
CHECKED DATE: 03/13/2025
DESIGNED DATE: 03/13/2025
APPROVAL DATE: 03/13/2025
APPROVED BY: J. CRAMER
VERIFY ALL
DIMENSIONS IN FIELD

CEILING JOISTS
FRAMING PLAN



CEILING JOISTS FRAMING PLAN
SCALE: 1/2" = 1'-0"



DATE: 03-13-2025

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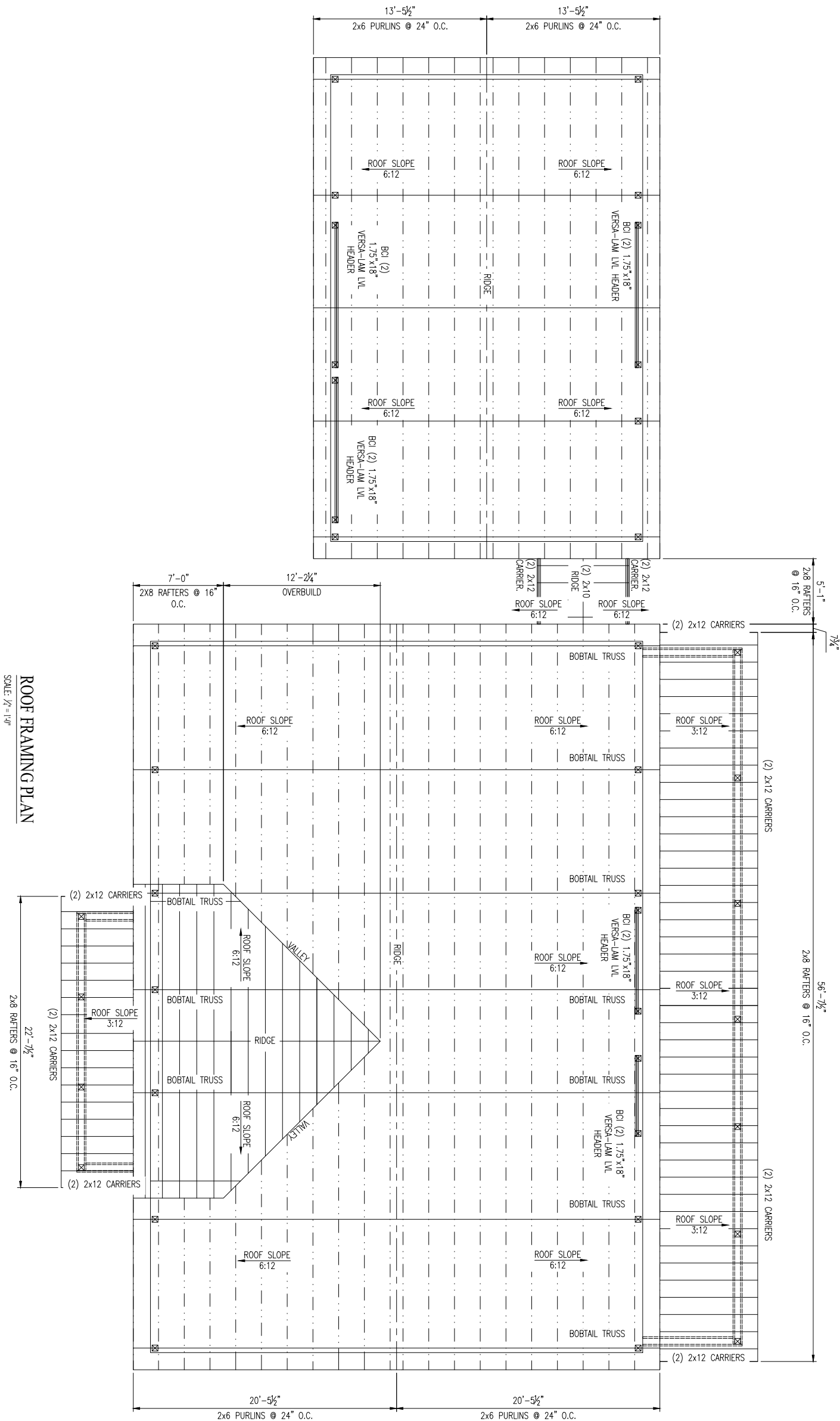
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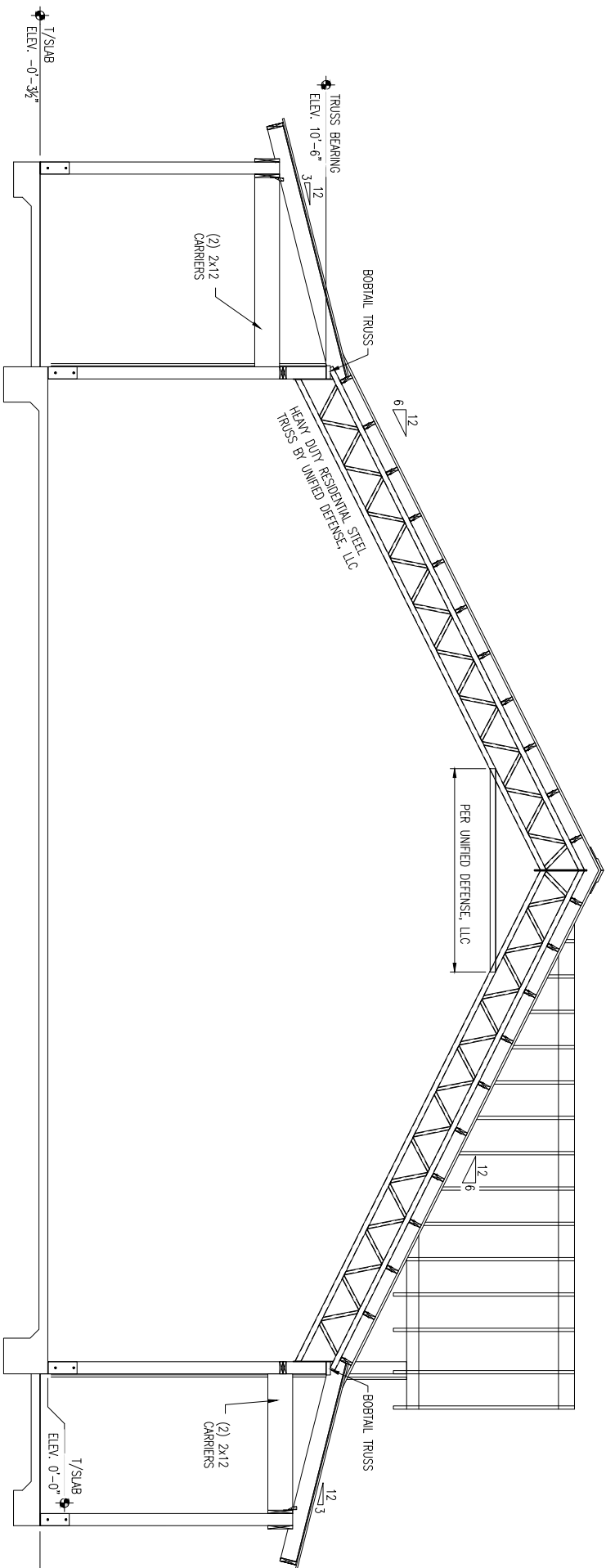
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SUBMIT DATE: 04/21/2025	APPROVE BY: M. SCHMIDT
REVIEW DATE: 07/11/2025	REVIEW BY: L. AMARO
APPROVAL DATE: 09/11/2025	APPROVED BY: J. CHAMBER

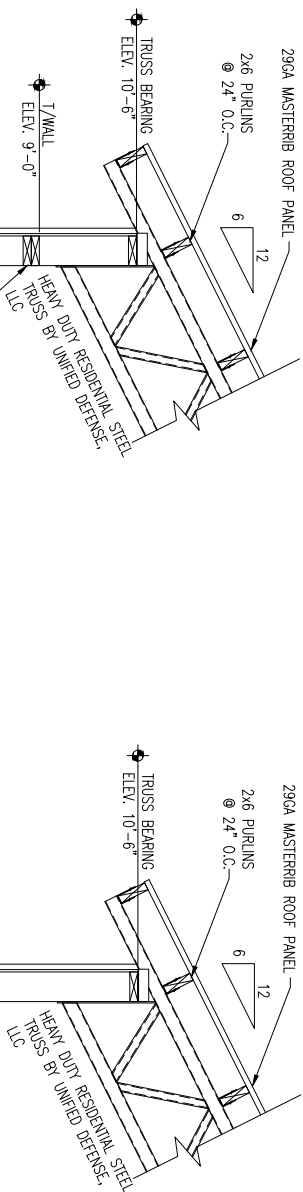
**VERIFY ALL
DIMENSIONS IN FIELD**

ROOF FRAMING PLAN

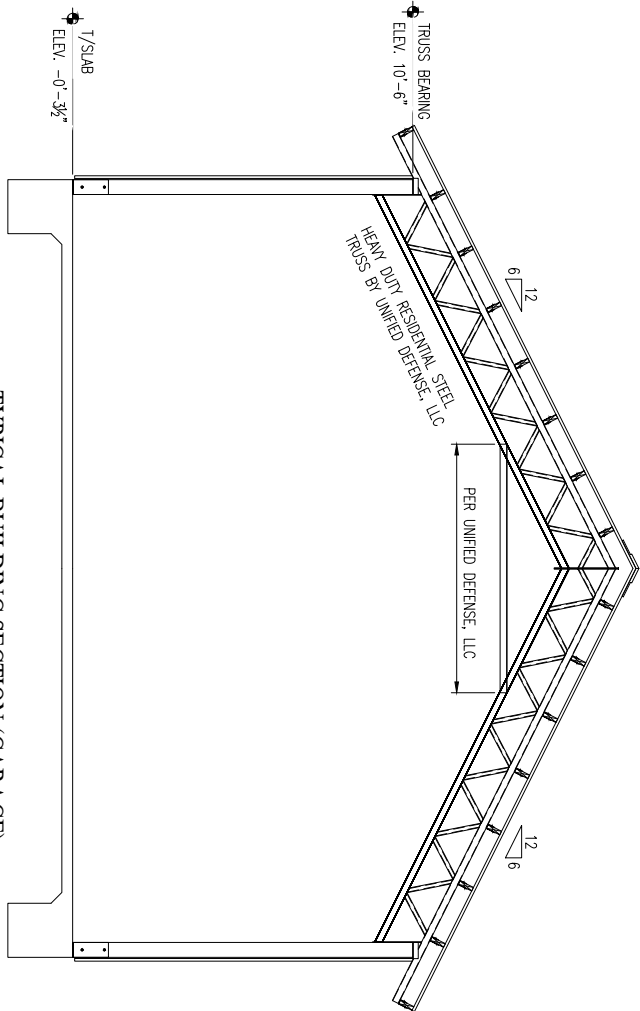




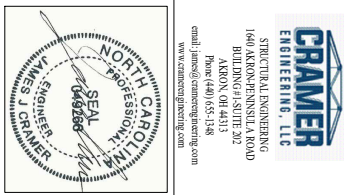
TYPICAL BUILDING SECTION (MAIN HOUSE)



TYPICAL WALL
SECTION (MAIN HOUSE)



TYPICAL BUILDING SECTION (GARAGE)



STRUCTURAL ENGINEERING
1640 AKRON-PENINSULA ROAD
BUILDING #1-SUITE 202
AKRON, OH 44313
Phone (440) 655-1348
email: james@craneengineering.com
www.cranengineering.com

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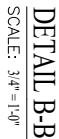
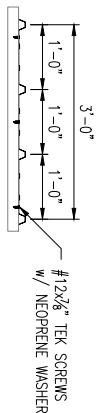
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SUBMIT DATE: 02/15/2025	DESIGN BY: M. SWARTZ
REVIEW DATE: 02/11/2025	REVIEW BY: I. AHMAD
APPROVAL DATE: 03/11/2025	APPROVED BY: J. CRAMER

VERIFY ALL
DIMENSIONS IN FIELD

TYPICAL BUILDING SECTIONS & WALL SECTION

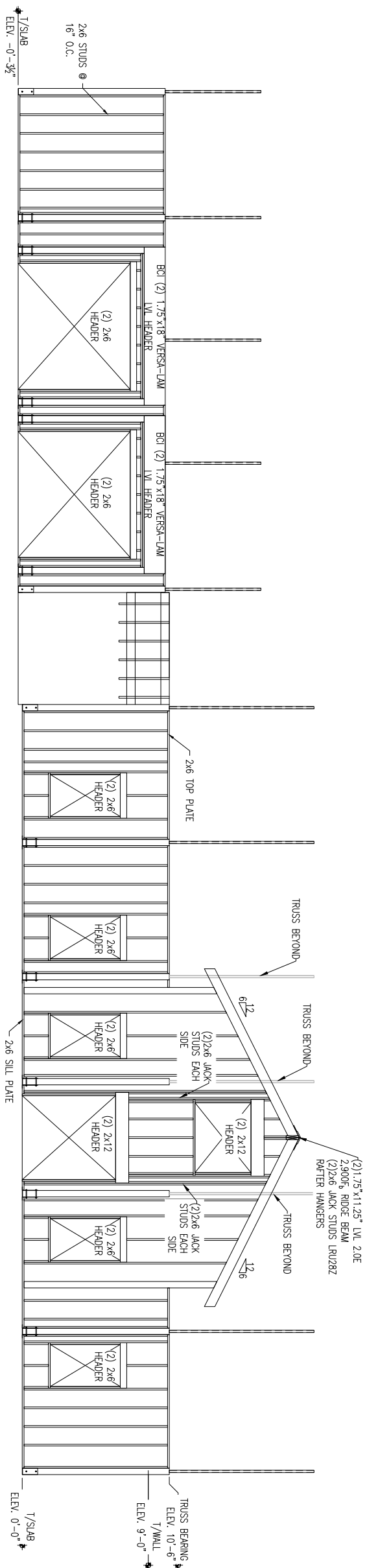
S2.3



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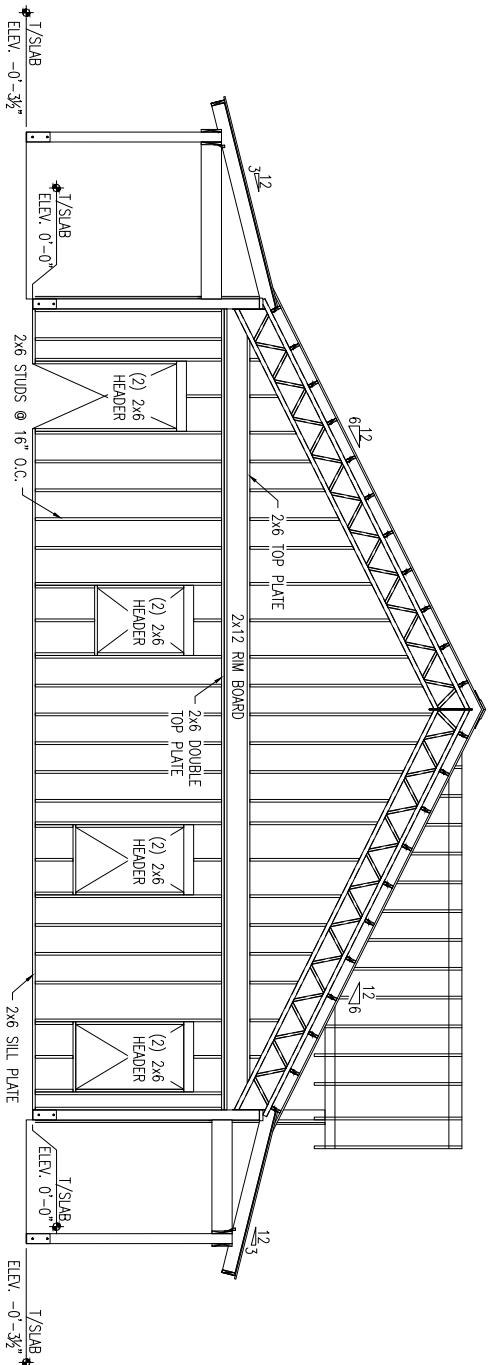
DATE: 03-13-2025

VERIFY ALL



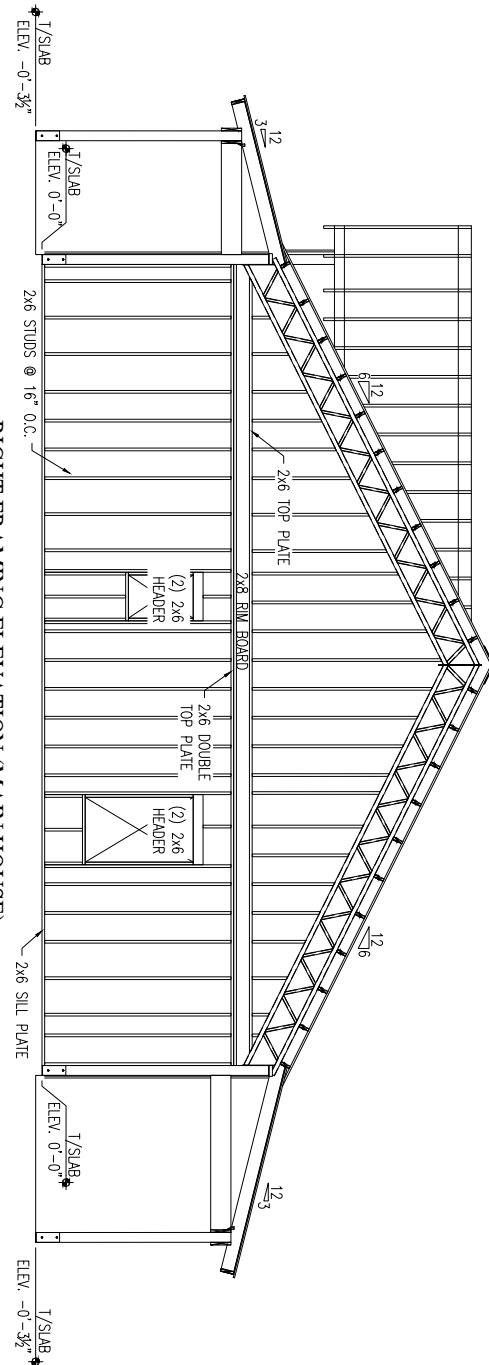
FRONT FRAMING ELEVATION

SCALE: $\frac{1}{4}'' = 1'-0''$



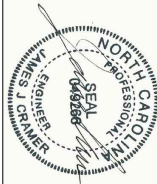
LEFT FRAMING ELEVATION (MAIN HOUSE)

SCALE: $\frac{1}{4}'' = 1'-0''$



RIGHT FRAMING ELEVATION (MAIN HOUSE)

SCALE: $\frac{1}{4}'' = 1'-0''$



DATE: 03-13-2025

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[illegible]

FRAMING ELEVATIONS

S2.5



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[illegible]

S2.6