SITE LOCATION: SPRING LAKE NC, 28390 648 HAYES ROAD, NEW 52'x99'x10'-6" W/ 24'x36'x10'-6" HOME THE ANDERSON FAMILY

BUILDING CODES & ZONING ORDINANCES

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

DESIGN DATA:

ROOF LIVE LOAD: WIND EXPOSURE: ULTIMATE WIND DESIGN: ROOF DEAD LOAD: GROUND SNOW LOAD:

SEISMIC DESIGN CATEGORY: ROOF DEFLECTION: ASSUMED SOIL BEARING:

FROST DEPTH: FLOOR DEFLECTION:

> L/180 1,500 PSF

L/360

10 PSF 20 PSF 15 PSF 120 MPH

3ARAGE: 864 SF MECHANICAL ROOM: 21 SF

OTAL UNDER ROOF: 3,560 SF

BUILDING INFORMATION

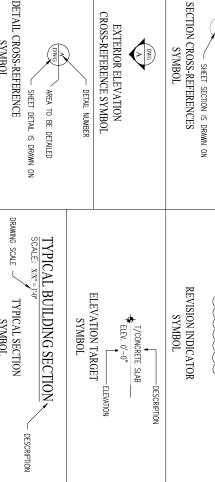
COVERED PATIO: 440 SF COVERED PORCH: 126 SF st FLOOR LIVING: 2,069 SF REEZEWAY: UILDING SIZE: 40 SF 52'x99'x10'-6" w/24'x36'x10'-6"

COPYRIGHTAND/OR © CRAMER ENGINEERING, LLC 2025

DATE: 03-13-2025 SEAL 049266

STRUCTURAL GRAPHICS SYMBOLS REVISION CLOUD

REVISION NUMBER



A DWG

DRAWN ON	AILED	
SCALE: XX"=J'-J" DRAWING SCALE TYPICAL SECTION SYMBOL	TYPICAL BUILDING SECTION	

STRUCTURAL GRID INDICATOR	DRAWING TITLE DRAWING NUMBER E: 14"=1-0" DRAWING SCALE OR SHEET IS DRAWN ON OR SHEET SECTION WAS CUT DRAWINGS TITLE SYMBOL	AREA TO BE DETAILED SHEET DETAIL IS DRAWN ON DETAIL CROSS-REFERENCE SYMBOL
		TYPICAL BUILDING SECTION SCALE: XXX"=J*-U" DRAWING SCALE TYPICAL SECTION SYMBOL

SECTION

	ABBREVIATIONS	IONS	
ТҮРЕ	DESCRIPTION	ТҮРЕ	DESCRIPTION
A.B. ALT. ARCH. AVG.	ANCHOR BOLT ALTERNATE ARCHITECTURAL AVERAGE	L 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	MAXIMUM MECHANICAL MEZZANINE MANUFACTURER MINIMUM MISCELLANEOUS MAIN WIND FORCE RESISTING SYSTEM
C.J. CLR. C.M.U. CONC. CONST. JT. CONT.	CONTROL JOINT CLEAR CLEAR CONCRETE MASONRY UNIT CONCRETE CONSTRUCTION JOINT CONTINUOUS	N.S. 9.	NEAR SIDE ON CENTER OUTSIDE DIAMETER OUTS DE LITT
D DET. DIA.	DEPTH DETAIL DIAMETER	P.S.F. P.S.I.	POUNDS PER SQUARE FOOT POUNDS PER SQUARE INCH
ELEV. EQ. E.W. EXIST.	ELEVATION EQUAL EACH WAY EXISTING	R. REINF. SIM.	RADIUS REINFORCEMENT SIMILAR
FIN. FLR. FND. F.S. FTG.	FINISH FLOOR FOUNDATION FAR SIDE FOOTING	T&B TCDL TCLL T.O. T.O.S. TYP.	TOP AND BOTTOM TOP CHORD DEAD LOAD TOP CHORD LIVE LOAD TOP OF TOP OF TOP OF STEEL TYPICAL
GA. HORIZ. H.P.	GAUGE HORIZONTAL HIGH POINT	U.N.O.	UNLESS NOTED OTHERWISH VERTICAL
INSUL.	INSULATION IN LIEU OF	W.W.F.	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
S1.1 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

REVISION No. 25-1021-05 THESE DOCUMENTS ARE THE PROPERTY OF CRAMER ENGINEERING, LIC. AND SHALL NOT BE MODIFY, COPEID, REPRODUCED, MAY MANUER WITH-OUT THE WRITIEN CONSENT OF THE CRAMER ENGINEERING, LIC.

VERIFY ALL DIMENSIONS IN FIELD

NEW 52'x99'x10'-6" W/24'x36'x10'-6" HOME THE ANDERSON FAMILY 648 HAYES ROAD, SPRING LAKE NC,28390

STRUCTURAL GRID REFERENCE SYMBOL

STRUCTURAL GRID LINE

GENERAL NOTES:

- 1. IT SHALL BE THE CONIRACTOR'S RESPONSIBILITY
 TO VERIFY ALL DIMENSIONS AND CONDITIONS AT
 THE JOB SITE AND TO CROSS-Q-HECK DETAILS
 AND DIMENSIONS ON THE STRUCTURAL DEAWNINGS
 WITH RELATED REQUIREMENTS ON THE
 ARCHITECTURAL, MECHANICAL AND ELECTRICAL
 DRAWNINGS. FLOOR AND WALL OPENINGS, SLEEVES
 AND OTHER ARCHITECTURAL, MECHANICAL AND
 ELECTRICAL REQUIREMENTS MUST BE COORDINATED
 BETORE THE CONTRACTOR PROCEEDS WITH
 CONSTRUCTION.
- 3. THESE DOCUMENTS DO NOT INCLUDE THE NECESSARY COMPONENTS FOR CONSTRUCTION SKETY. SAFETY, CARE OF ADJACENT PROPERTIES DURING CONSTRUCTION, AND COMPLIANCE WITH LOCAL REGULATIONS REGARDING SAFETY IS, AND SHALL BE, THE CONTRACTOR'S RESPONSIBILITY. ALL ENGINEERING DESIGN, CONSTRUCTION AND TESTING SHALL CONFORM TO THE REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE LATEST EDITION (HEREIN REFERRED TO AS "THE CODE").
- REFER TO THE ARCHITECTURAL DRAWINGS FOR DIMENSIONS NOT SHOWN ON THE STRUCTURAL
- ALL OMISSIONS OR CONFLICTS BETWEEN THE VARBOUS ELEMENTS OF THE WORKING DRAWINGS AND/OR SPECIFICATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER BEFORE PROCEEDING WITH ANY WORK SO INVOLVED.

EXCAVATION AND INSTALLATION:

- . WHEN EXCAVATING FOR NEW FOUNDATIONS, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE PROPER SHORING COMFORMING TO ALL FEDERAL, STATE AND LOCAL CODES AND LAWS AS REQUIRED.
- 3. COMPACTED FILL SHALL BE PLACED IN 6 INCH LOOSE LAYERS FOR USING HAND DEPRATED TAMPERS, AND 8 INCH LOOSE LAYERS FOR USING VIBRATORY FOLLERS. ADJUST MOISTURE CONTENT OF FILL MATERIAL TO THE ASTM D-698 OPTIMUM ± 2%. COMPACT FILL SHALL BE 97% OF MAXIMUM DENSITY, DETERMINED BY USING STANDARD PROCTOR ASTM D-698. THE EXCAMATION CONTRACTOR SHALL VERIFY LOCATION OF UNDERGROUND SERVICE UTILITIES PRIOR TO BEGINNING CONSTRUCTION WORK. DURING ANY EXCAVATION OR CONSTRUCTION, FIELD FERSONNEL SHALL TAKE PRECAUTION NOT TO DISTURB OR CUT EXISTING CONDUIT OR UTILITIES. LOCATION OF UTILITY LINES SHOWN ARE APPROXIMATE ONLY.
- . ANCHOR RODS SHALL BE "HILTI HIT HY 150"
 INJECTION ADHESIVE SYSTEM WITH "HAS." STANDARD
 BOLIS OR ASTM F1554, GR. 36 THREADED RODS.
 SIZE, EMBEDMENT AND PROJECTION AS INDICATED
 ON DESIGN DRAWINGS.

4. NON-EXPANSIVE COMPACTED GRANULAR FILL SHALL BE DEFOSTED IN DEPTHS, OF 8" BLOW ALL CONCRETE MATS, SLABS, AND PITS, AND 18" BEHIND ALL CONCRETE WALLS, UNLESS NOTED OTHERWISE.

- ANCHOR RODS/BOLTS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURER
- 6. INSTALLATION SHALL BE PER THE LATEST APPLICABLE LOCAL CODES AND LAWS. 5. CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXISTING BUILDING FOUNDATIONS AND EQUIPMENT FROM VERTICAL AND LATERAL MOVEMENT DURING AND AFTER EXCAVATION AND INSTALLATION OF FOUNDATIONS. THE MEANS AND DESIGN OF PROTECTION SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

ASSUMED ALLOWABLE SOIL BEARING PRESSURE ON FOOTINGS IS 1,500 LBS PER SQ FT (PSF).

8. GENERAL CONTRACTOR SHALL INSTALL FOUNDATION ON VIRGIN SOIL. IT IS RECOMMENDED THAT THE GENERAL CONTRACTOR HAVE A LICENSED GEOTECHNICAL ENGINEER CONDUCT A SOIL TEST AND SUBMIT A WRITTEN REPORT PRIOR TO STARTING THE FOUNDATION.

FOUNDATION NOTES:

- ALL FOOTNGS SHALL BE ESTABLISHED ON PROPERTY UNDISTURBED SOIL OR PROPERTY COMPACTED ENGINEERED FILL IN ACCORDANCE WITH CHAPTER 18 OF THE CODE.
- ALL FOUNDATION BEARING AND FILL MATERIALS SHALL BE INSPECTED AND APPROVED BY THE BUILDING INSPECTOR PRIOR TO PLACING CONCRETE.
- 3. EXCANATION, GRADING AND FILL/BACKFILL SHALL BE
 IN ACCORDANCE WITH SECTION 1803 OF THE CODE.
 ALL FILL AND BACKFILL MATERIALS STALL BE NON
 OCHESIVE SOILS COMPACTED TO 95% MAXIMUM
 DENSITY PER ASTM D 1557 METHOD. THE UPPER
 6* OF SUB GRADE SHALL BE SCARIFIED, MOISTURE
 CONDITIONED AND COMPACTED.
- ASSUMED ALLOWABLE SOIL BEARING CAPACITY OF 1,500PSF WAS USE FOR THE DESIGN OF THE FOUNDATION.
- ALL ORGANIC TOP SOILS SHALL BE STRIPPED FROM THE AREA UPON WHICH THE PROPOSED STRUCTURE IS TO BE LOCATED.
- ALL EXCANATION FOR STRUCTURES SHALL BE KEPT DEWATERED UNTIL BACKFILL IS IN PLACE. EXCANATION FOR STRUCTURES SHALL INCLUDE ALL NECESSARY SHEETING AND SHORING.
- WHERE THE FOUNDATION IS OVER EXCAVATED, REMOVE ALL DISTURBED FOUNDATION SOIL AND REPLACE WITH GRANULAR MATERIAL PROPERLY COMPACTED AS DIRECTED.

ANCHOR RODS &

- ALL ANCHOR BOLTS SHALL BE ASTM F1554 GRADE
 "X" WITH ASTM A-563 GRADE "X" HEAVY HEX NUTS
 AND ASTM F-436 HARDENED FLAT STEEL WASHERS.
 ANCHOR PLATES SHALL BE ASTM A36 STEEL,
 UNLESS NOTED OTHERWISE.
- ALL ANCHOR BOLTS MUST BE SET WITH A TEMPLATE. INSTALLATION OF ANCHOR BOLTS AND EMBEDDED TIEMS SHALL BE IN STRICT ACCORDANCE WITH A.I.S.C. CODE OF STANDARD PRACTICE.
- . SLEEVES MAY BE USED AT CONTRACTOR'S OPTION. IF USED, CONTRACTOR MUST PROTECT CONCRETE FROM CRACKING DUE TO WATER FREEZING IN THE SLEEVE OPENINGS.

- 6. FOR DRILLED IN DOWELS, USE BASF-THE CHEMICAL COMPANY'S "CONCRESIVE 1090 LIQUID".

- - ALL READY MIX CONCRETE SHALL CONFORM TO ASTM C 94.
- ALL REINFORCING STEEL SHALL BE PLACED IN CONFORMANCE WITH THE LATEST EDITION OF "MANUAL OF STANDARD PRACTICE FOR REINFORG CONCRETE CONSTRUCTION", PUBLISHED BY C.R.S.I.
- DETAILING, BENDING AND PLACING OF REINFORCING STEEL SHALL BE IN ACCORDANCE WITH LATEST EDITION OF THE ACI CODE.
- ALL CONCRETE FORM WORK SHALL BE ADEQUATELY TIED TOGETHER AND BRACED TO FORM TRUE LINES, SQUARE CORNERS AND PLUMB WALLS.
- ALL CONCRETE MATERIALS AND WORKMANSHIP SHALL CONFORM TO CHAPTER 19 OF THE CODE.
- MIX DESIGN SHALL BE BASED ON PERFORMANCE TEST AND SHALL BE SUBMITTED TO THE ENGINEER OF RECORD AND GENERAL CONTRACTOR.
- USE AIR-ENTRAINED CONCRETE FOR ALL AREAS EXPOSED TO WEATHER.
- 10. ALL CONCRETE SHALL DEVELOP THE FOLLOWING COMPRESSIVE STRENGTHS AT 28 DAYS (U.N.O.) CONCRETE FOUNDATION AND WALLS = 4000 CONCRETE SUABS = 4000
- NO CONCRETE SHALL BE POURED SUBJECT TO FREEZING CONDITIONS OR ON FROZEN GROUND.
- 12. LOCATE ALL SLEEVES, OPENINGS, EMBEDDED ITEMS, ETC., WHICH ARE INDICATED ON ALL DESIGN DRAWINGS. CHECK WITH OTHER TRADES TO VERBY THAT ALL SLEEVES, OPENINGS AND EMBEDDED ITEMS ARE IN PLACE AND LOCATED CORRECTLY PRIOR TO PLACING OF CONCRETE.
- 13. REFER TO ARCHITECTURAL DRAWINGS FOR MOLDS, GROOVES, ORNAMENTS OR ACCESSORIES REQUIRED TO BE EAST IN CONCRETE AND FOR LOCATIONS OF FLOOR FINISHES AND SLAB DEPRESSIONS.
- 14. FOOTINGS SHALL BE LOCATED ON THE CENTER LINE OF WALLS, PIERS, OR COLUMNS, UNLESS NOTED OTHERWISE.
- PROCEDURES FOR PLACEMENT OF CONCRETE SHALL BE IN STRICT CONFORMANCE WITH ACI 304, "RECOMMENDED PRACTICE FOR MEASURING, MIXING, TRANSPORTING AND PLACING CONCRETE."

BEAMS AND SLABS SHALL BE POURED MONOLITHICALLY, SO THAT NO HORIZONTAL CONSTRUCTION JOINTS ARE PROVIDED.

- 17. PIPE MAY PASS THROUGH STRUCTURAL CONCRETE IN SLEEVES, BUT SHALL NOT BE EMBEDDED THEREIN, SLEEVES SHALL BE WRAPPED WITH EXPANSION JOINT FILLER MATERAIL, TO ALLOW CONCRETE TO CURE WITHOUT RESTRAINT, PIPES OR COMDUITS EXCEDING ONE THRO THE SLAB OR WALL THICKNESS SHALL NOT BE IN STRUCTURAL CONCRETE UNLESS SPECIFICALLY DETAILED. SEE MECHANICAL AND/OR ELECTRICAL DRAWNIGS FOR LOCATIONS OF SLEEVES, ACCESSORIES, ETC.
- 18. CONCRETE SLABS ON GRADE SHALL BE POURED ON COMPACTED SUBGRADE OR UNDISTURBED SOIL. SLAB SURFACES SHALL BE SMOOTH AND LEVEL OR SHALL HAVE SMOOTH FOR INTERIOR FLOOR SLABS AND BROOMED FOR EXTERIOR WALKS.
- . THE SURFACE OF ALL CONSTRUCTION JOINTS SHALL BE CLEAKED TO REMOVE ALL DUST, CHIPS OR OTHER FOREIGN MATTER PRIOR TO PLACING THE ADJACENT CONCRETE.
- 20. SLAB CONTROL JOINTS SHALL BE INSTALLED WITH JOINT FORMERS WHEN THE SLAB IS POURED, OR SAWCUT AS SOON AS THE CONCRETE WILL ALLOW WITHOUT DAMAGE.
- 21. ALL REINFORCING STEEL TO BE GRADE FY=60KSI.

CONCRETE NOTES:

- ALL REINFORCING BARS, DOWELS, ANCHOR BOLTS AND OTHER INSERTS SHALL BE SECURED IN POSITION PRIOR TO PLACING OF CONCRETE.
- 4. ALL HORIZONTAL BARS IN CONCRETE, WALLS AND CRADE BEAMS SHALL BE CONTINUOUS AND BENT AT ALL CORNERS AND INTERSECTIONS. PRE-BENT "CORNER" BARS SUBSTITUTED FOR CONTINUOUS BENT BARS SHALL BE OF SAME SPACING AS HORIZONTAL BARS AND SHALL BE OF SUFFICIENT LENGTH TO PROVIDE REQUIRED LAP SPLICE LENGTHS.

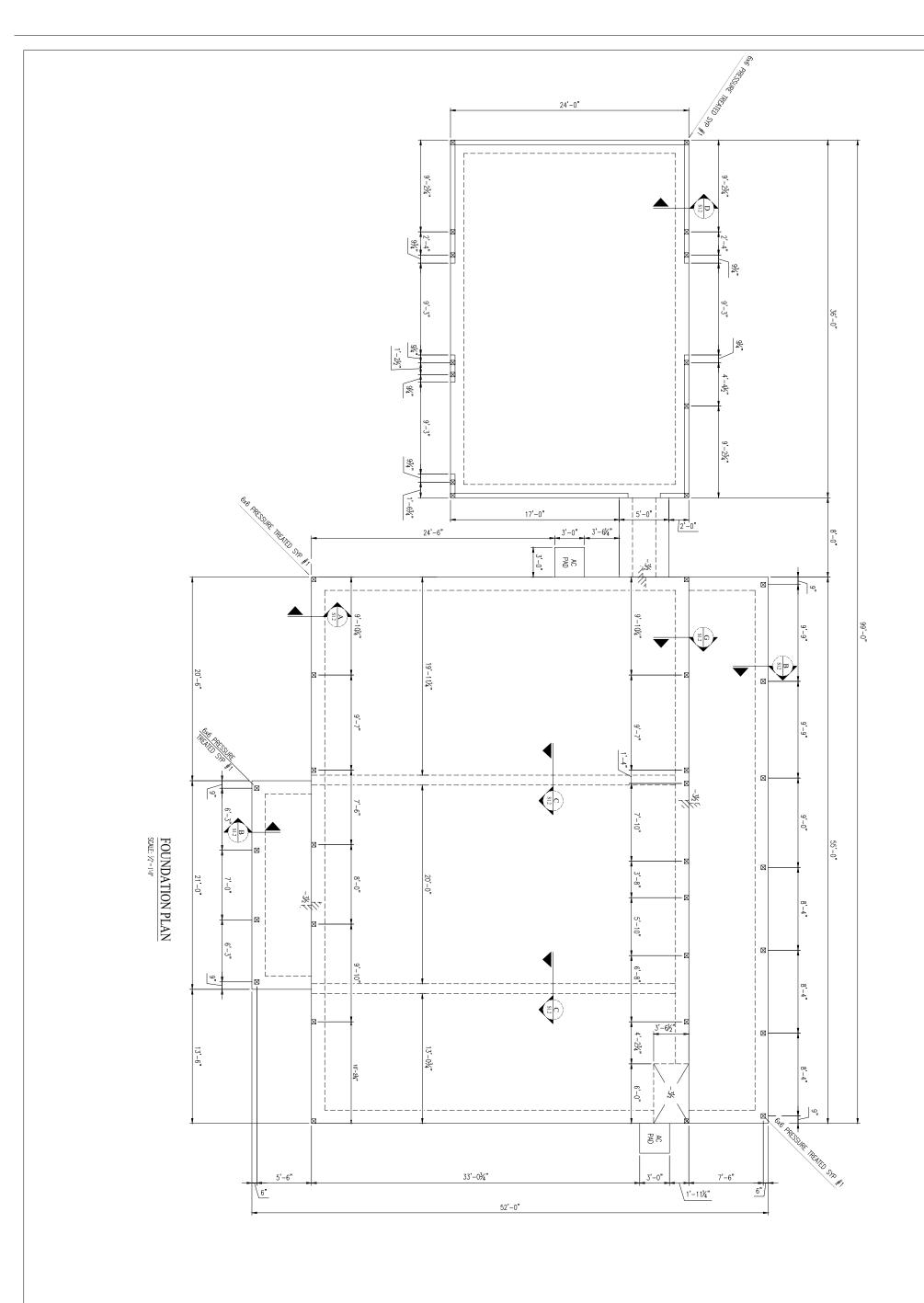
- MAXIMUM STUD HEIGHT AND SPACING PER TABLE 2308.9.1 OF THE CODE. MAXIMUM CEILING JOIST SPANS SHALL BE PER OBC SPAN TABLES. PROVIDE BLOCKING AT $8^{\circ}-0^{\circ}$ O.C.
- = "U" SERIES
 = "HU" SERIES
 = "HUTF" SERIES
 = "PC" SERIES
- G. ALL NAILS EXPOSED TO THE WEATHER SHALL BE GALVANIZED.

 IN TOE NAILS SHALL BE DRIVEN AT AN ANGLE OF 30 DEGREES TO THE PIECE SURFACE AND BE STATTED AT & THE LENGTH OF THE NAIL FROM THE EDGE OF THE PIECE.
- WOOD SCREWS SHALL BE IN CONFORMANCE WITH A.N.S.I. B18.6.1.
- 16. BOLTS AND LAG SCREWS SHALL CONFORM TO AN.S.I. B18.2.1. ALL BOLTS THROUGH WOOD SHALL HAVE STANDARD CUT WASHERS EXCEPT WHERE METAL SIDE PLATES ARE SPECIFIED. BOLT HOLES SHALL BE BORED ½." TO ½." LARGER THAN THE BOLT DIAMETER, UNLESS MOTED OTHERWISE. ALL BOLTS SHALL BE REIGHTENED PRIOR TO APPLICATION OF PLASTER, PLYWOOD, ETC.

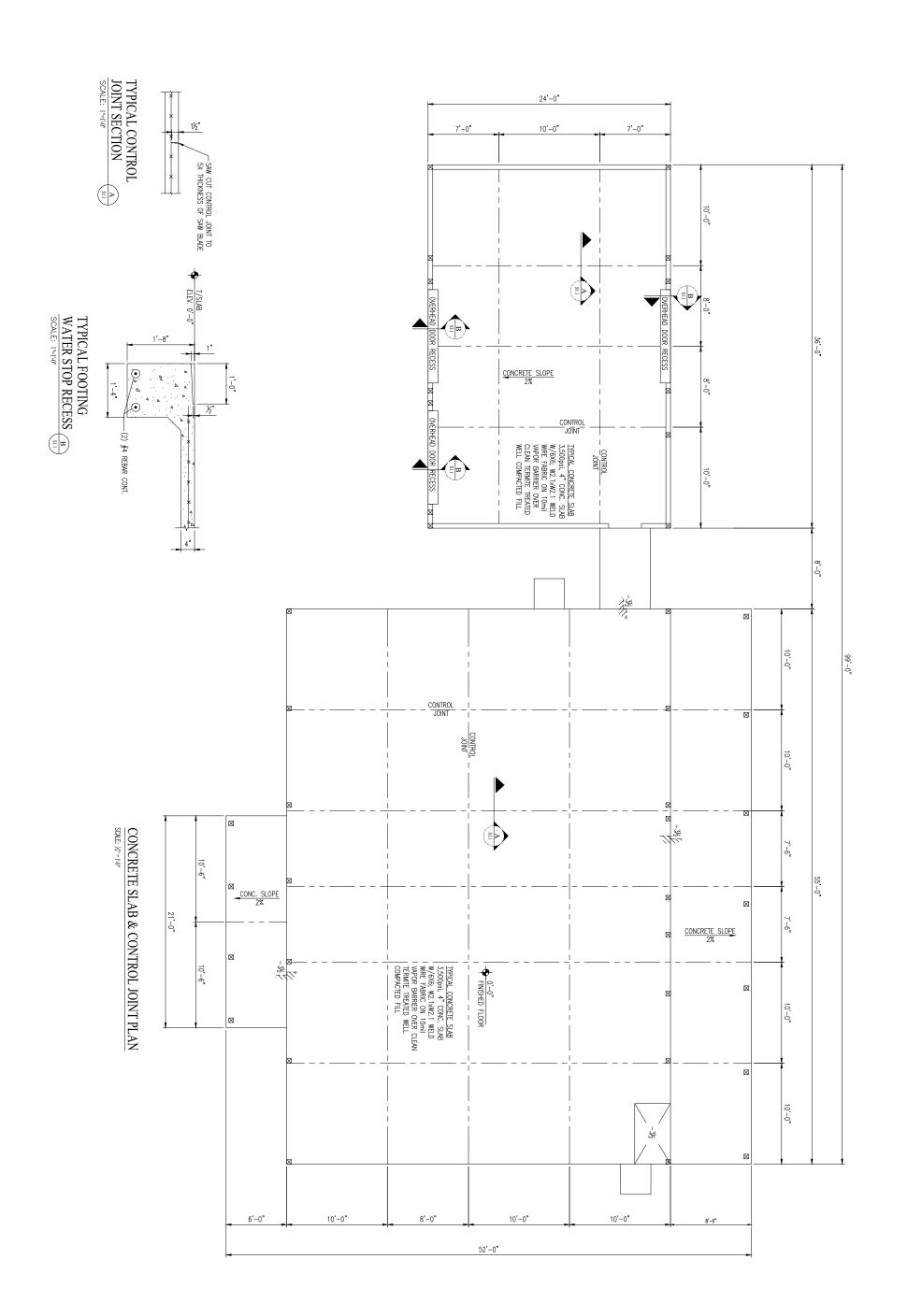
- ALL WOOD CONSTRUCTION SHALL BE DESIGNED, FURNISHED, AND ERECTED IN ACCORDANCE WITH N.D.S. AND THE LATEST EDITION OF THE ATC TIMBER CONSTRUCTION MANUAL.
- ALL LUMBER SHALL BE MINIMUM NO.1 / NO.2 SPF UNLESS INDICATED OTHERWISE.
- ALL WOOD IN CONTACT WITH CONCRETE, MASONRY OR GROUND SHALL BE SOUTHERN PINE, PRESSURE TREATED FOR DECAY AS FOLLOWS:
- 0.60 FOR IN-GROUND USE
 0.40 FOR ABOVE GROUND AND IN CONTACT W/GROUND
 0.40 FOR WOOD IN CONTACT WITH CONCRETE
 RELENTION SHALL BE PER MANUFACTURER'S
 SPECIFICATIONS FOR THE PARTICULAR USE.
- ALL FASTENERS IN CONTACT WITH PRESSURE TREATED LUMBER SHALL BE GALVANIZED WITH A MINIMUM G185 COATING.
- ALL OSB/PLYWOOD DESIGNATED ON THE STRUCTURAL DRAWINGS SHALL BE CONFORMING TO THE LATEST NATIONAL BUREAU OF STANDARDS "U.S., PRODUCT STANDARDS PS 1". OSB/PLYWOOD SHALL BE GRADE STAMPED CDX WITH EXTEROR GLUE AND PANEL INDEX 24/16, UNLESS NOTED OTHERWISE.
- 6. STRUCTURAL OSB/PLYWOOD SHALL CONFORM TO U.S. PRODUCT STANDARD PS 1-83. STRUCTURAL USE PANELS SHALL CONFORM TO NER-108 (APA PRP-108). A.P.A. GRADE STAMP SHALL BE PROVIDED ON ALL SHEATHING. ROOF AND FLOOR SHEATHING AND SHEAR WALL PANELS SHALL BE IN PLACE AND INSPECTED BY THE BUILDING OFFICIAL PRIOR TO COVERING. INSTALL WITH FACE GRAIN ACROSS SUPPORTS EXCEPT WHERE NOTED ON PLANS OR DETAILS. PROVIDE GAPS AT ALL EDGES AS SPECIFED BY A.P.A.
- ${\sf OSB/PLYWOOD}$ SHALL BE A.P.A. PERFORMANCE STAMPED, AS SPECIFIED ABOVE, GRADE STAMPED C-D, EXPOSURE.
- AL GLUE LAMINATED MEMBERS AS SHOWN ON PLANS SHALL BE IN ACCORDANCE WITH AAN.S.I. A1901, A.I.T.C. OR A.P.A. INSPECTION CERTIFICATES SHALL BE FURNISHED WITH EACH BEAM. SHOP DRAWINGS SHALL BE SUBMITTED FOR REVIEW. GLUE LAMINATED MEMBERS SHALL BE OF INDUSTRIAL APPEARANCE WITH EXTERIOR GLUE.
- NO WOOD MEMBER SHALL BE CUT, NOTCHED OR BORED, EXCEPT AS DETAILED OR PERMITTED BY THIS CODE.
- . ALL TOPS OF COLUMNS AND WALLS SHALL BE ADEQUATELY BRACED UNTIL THE ROOF SHEATHING IS COMPLETELY NAILED IN PLACE.
- 13. FRAMING HARDWARE SHALL BE SIMPSON "STRONG TIE" OR EQUAL. SUBSTITUTIONS SHALL BEAR I.C.B.O. APPROVAL. ALL FLUSH WOOD TO WOOD CONNECTORS SHALL BE MADE WITH SYMPSON" METAL HANGERS AS FOLLOWS, UNLESS NOTED BUILDING DEPARTMENT INSPECTION OF THE ROOF AND FLOOR SYSTEMS IS REQUIRED PRIOR TO PLACING ANY MATERIAL ON OR SUSPENDING ANY LOADS FROM THE ROOF OR FLOOR SYSTEMS.
- 2x4, 6 AND 8 MEMBERS 2x10, 12, 14, AND 16 MEMBERS 4x4 AND LARGER POST TO BEAM MEMBERS
- 14. FASTENING UNLESS NOTED OTHERWISE ON THE DRAWINGS, THE QUANTITY AND SIZE OF FASTENERS CONNECTING WOOD FRAME MEMBERS TOGETHER AND SHEATHING MATERIALS TO WOOD FRAME MEMBERS SHALL NOT BE LESS HAN THAT SPECIFIED IN TABLE 2304.9.1 OF THE CODE AND PER MANUFACTURERS SPECIFICATIONS.

DATE: 03-13-2025

REVISION





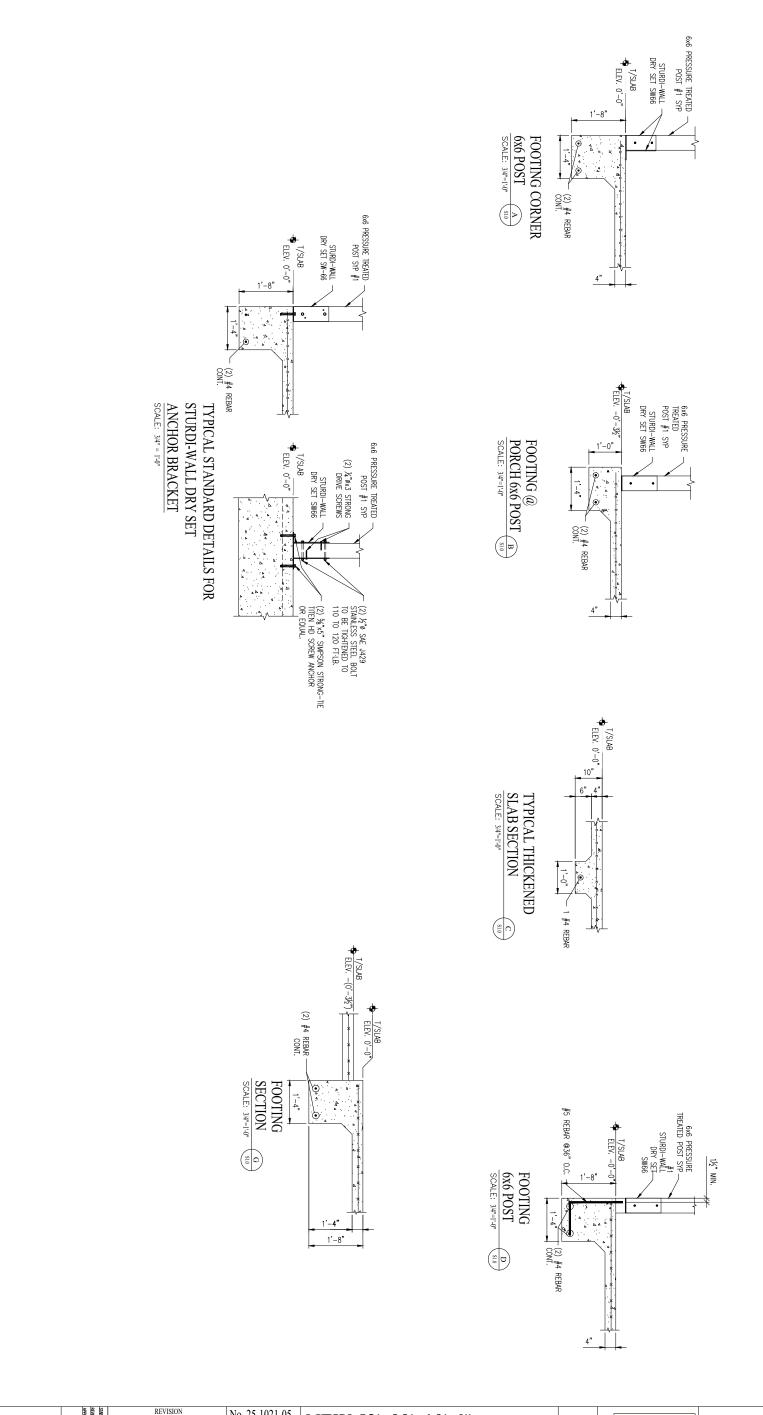


		PPR	2	IART			REVISION	No. 25-1021-05
	1	PPROWL	EVEW DATE: 03/11/2025	8	REVISIONS	DATE:	DESCRIPTION	
ĮΞ		ME	E	8				등위를로랍증함공료 등위를로함
厚	! <	: 03,	Ĕ	DATE: 02/13/2025				THESE DO PROPERTY ENGINEER NOT BE N N N N N N N N N N N N N N N N N N N
Įź.	耳	DATE: 03/11/2025	202	2025				THESE DOCUM PROPERTY OF ENGINEERING, NOT BE MODI REPRODUCED, DUPLICATED II WITH-OUT TH OF THE CRAW
15	員	025	Γ.					DOCUMEN TY OF CF RING, LL MODIFY, UCED, AN TED IN A THE V CRAMER
6	VERIFY ALL	ΑPF	REV	DRA				×××× E22
Ιź	! ≥	ROVE	REMEW 8Y:	DRAWN BY:				ENTS ARE CRAMER LLC. AND Y, COPIED AND/OR AND/OR ANY MAN WRITTEN ER ENGINE
Ξ	H	APPROVED BY:	3	3				844 BO M
Œ	1	_	E	SWEEL				THE SHALL SHALL ONSENT
ľ	j	CRAMER	I. AHIMO	B				, SE ⊢
		26	Γ					-

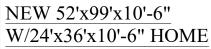
 $\frac{NEW~52'x99'x10'-6"}{W/24'x36'x10'-6"~HOME} \\ \frac{DEW~52'x99'x10'-6"~HOME}{DEW~52'x99'x10'-6"} \\ \frac{DEW~52'x99'x10'-6"}{DEW~52'x99'x10'-6"} \\ \frac{DEW~52'x99'x10'-6"}{DEW~52'x90'-6"} \\ \frac{DEW~52'x90'-6"}{DEW~52'x90'-6"} \\ \frac{DEW~52$







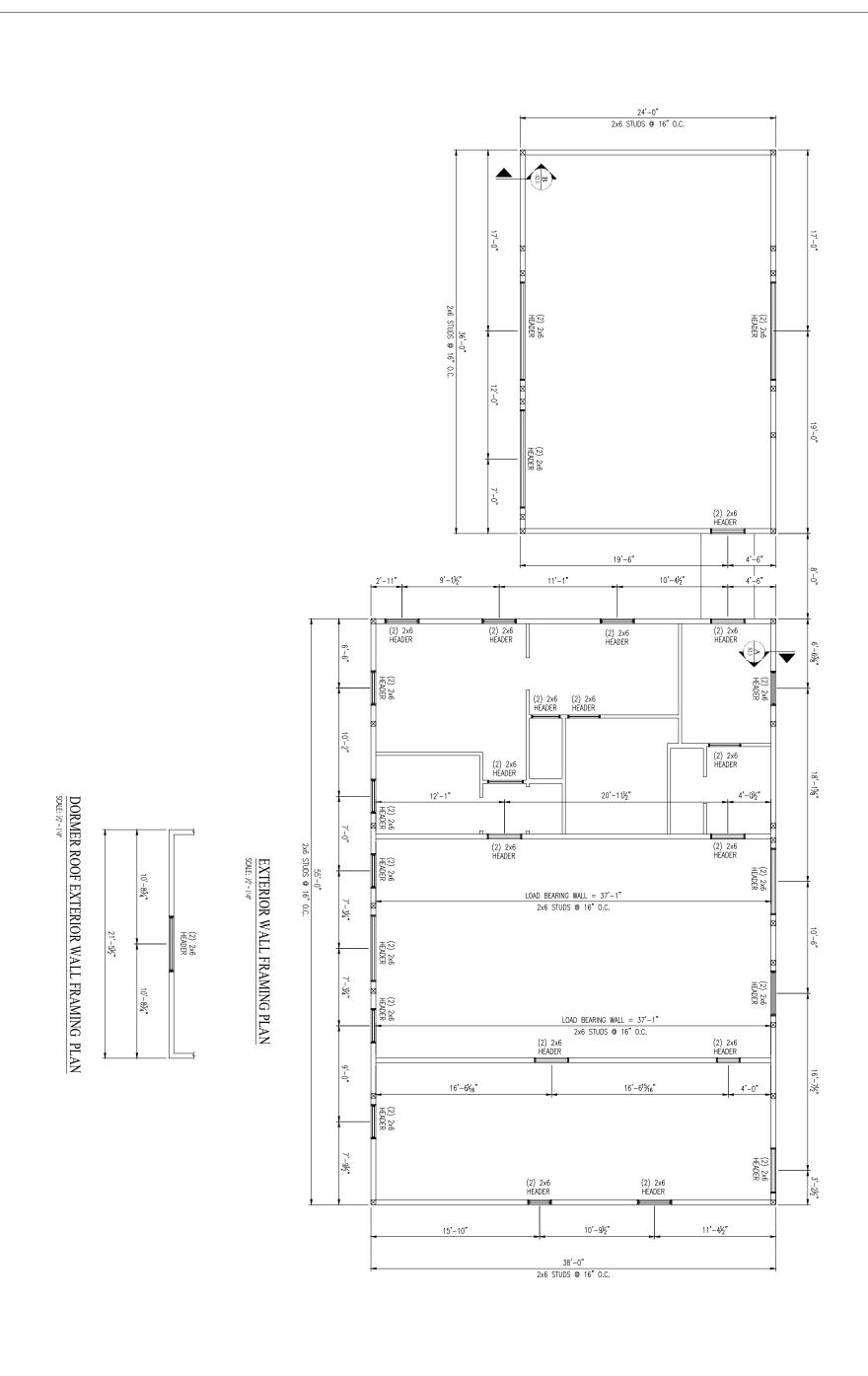
	APPROVAL	REVIEW DATE: 03/11/2025	START DATE:			REVISION	No. 25-1021-05
ֿ		N DA	8	REVISIONS	DATE:	DESCRIPTION	
VERIFY DIMENSIONS	MIE:	E					THESE PROPE ENGINE NOT B NOT B REPRO DUPLIC WITH-I OF TH LC.
2 <	æ	Ê	02/13/2025				一番とうないまでは、
VERIFY	03/11/2025	2025	Š				E DOCUMENTS SERTY OF CRA NEERING, LLC. BE MODIFY, C RODUCED, AND JICATED IN ANY OUT THE WRI HE CRAMER E
일됩	-	L					
	APPROVED	REVIEW BY:	DRAWN BY:				ENTS AR CRAMER CLC. ANI Y, COPIE AND/OR ANY M WRITTE R ENGIP
ALL IN FIELD	ě	₩.	9				TS ARE THE RAMER C. AND SHALL COPIED, 4D/OR NY MANNER WRITTEN CONSI ENGINEERING.
	8		=				ARE THE FR ND SHA PIED, OR MANNER MANNER SINEERIN
	S Se	I. AHWO	ISMAEEL				THE SHALL SHALL INER CONSENT ERING,
	CRAMER	Ē	r				N N
	L	L	L				



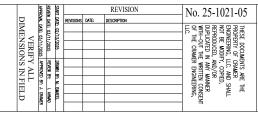
THE ANDERSON FAMILY 648 HAYES ROAD, SPRING LAKE NC,28390

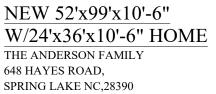








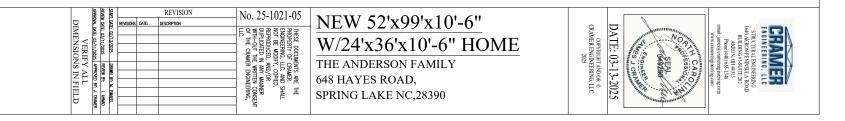






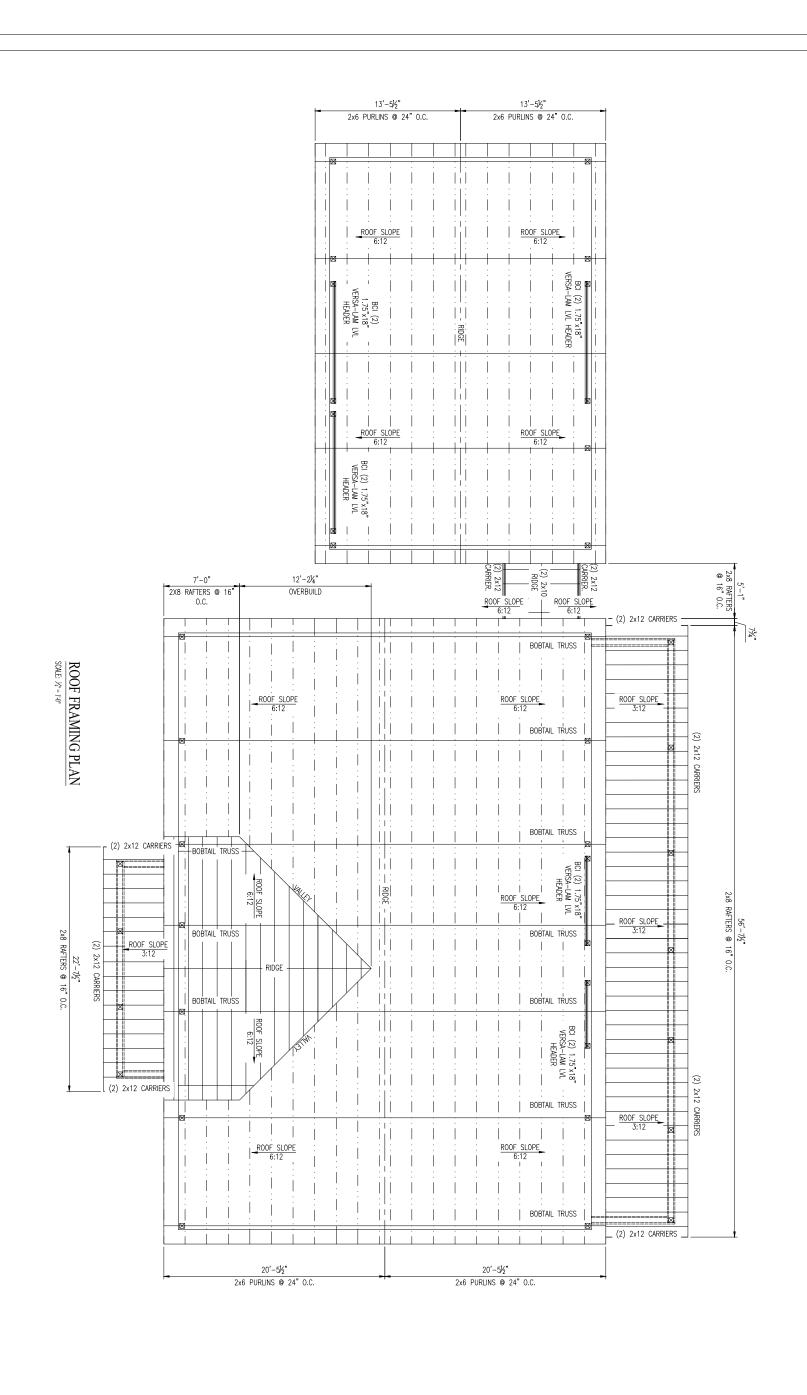


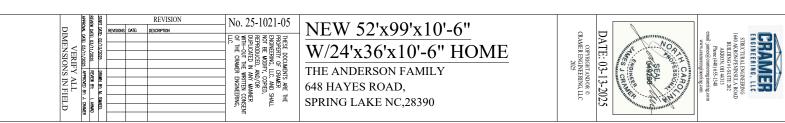




CEILING JOISTS

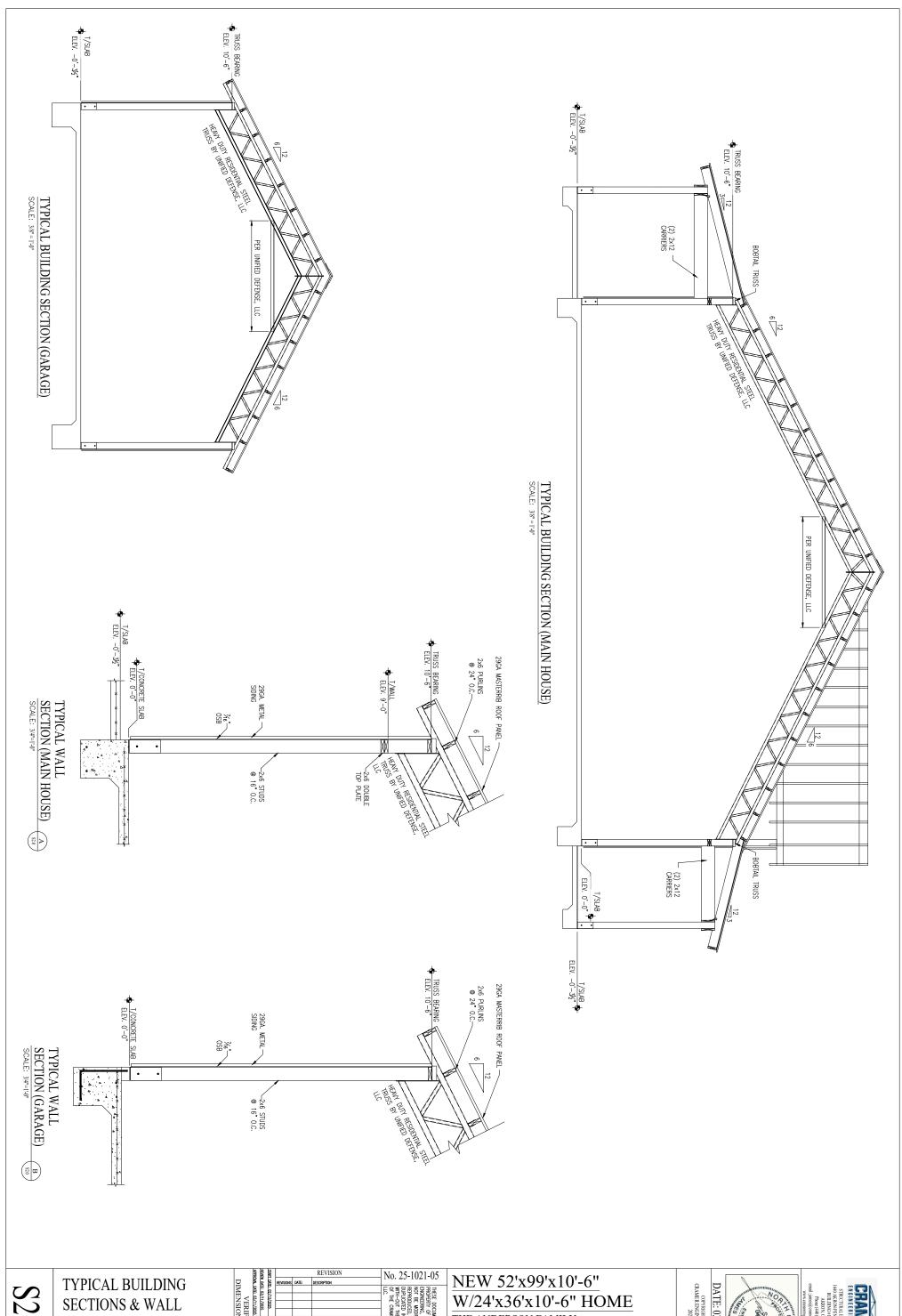
FRAMING PLAN





ROOF FRAMING

PLAN



SECTION

SIGNE DATE COLLABORS

ENERGY ACT DATE COLLABORS

APPROVA UNTE COLLABORS APPROVED ST. L. COMMEN

VERHEY ALL

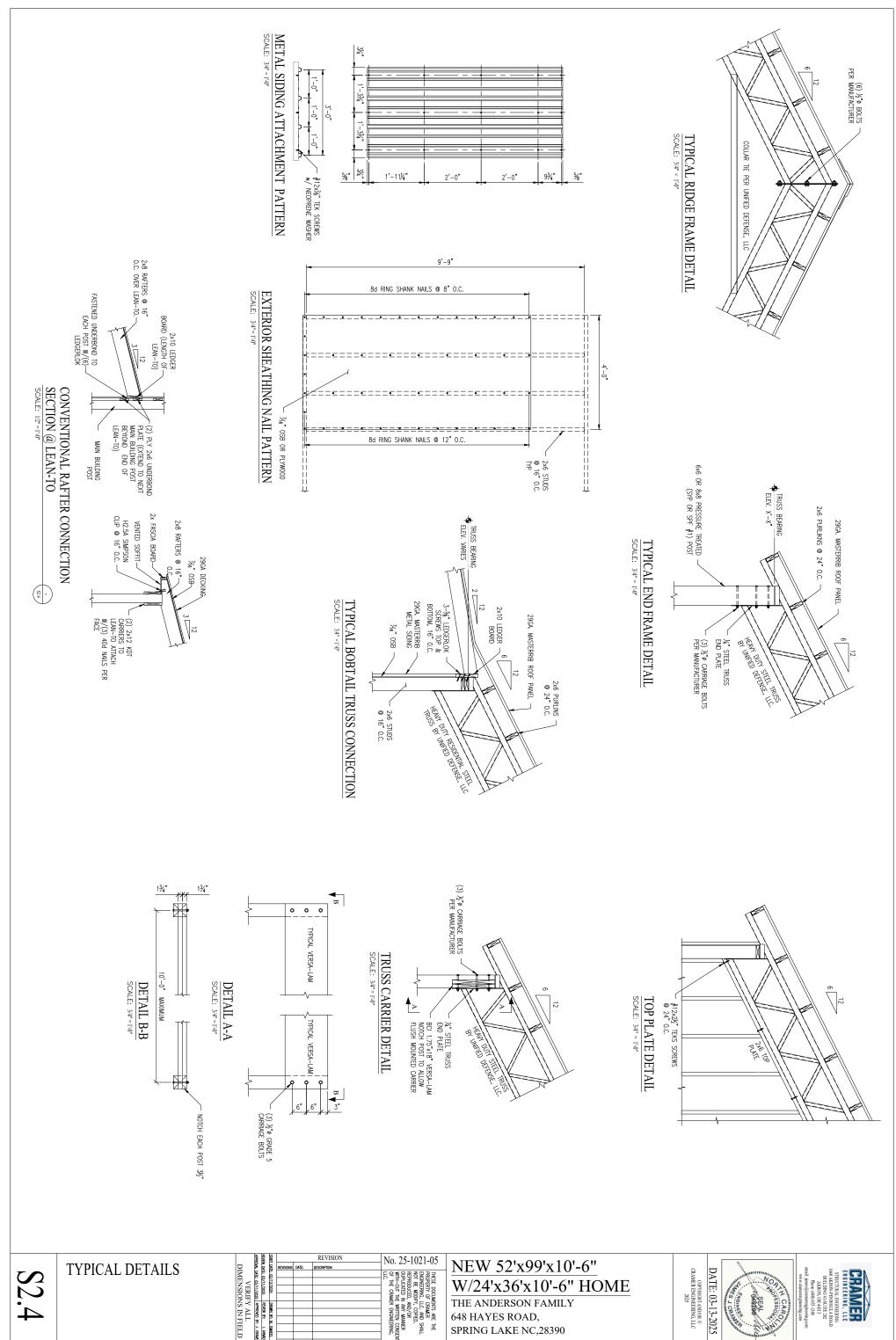
DIMMENSIONS IN FIELD

THE ANDERSON FAMILY

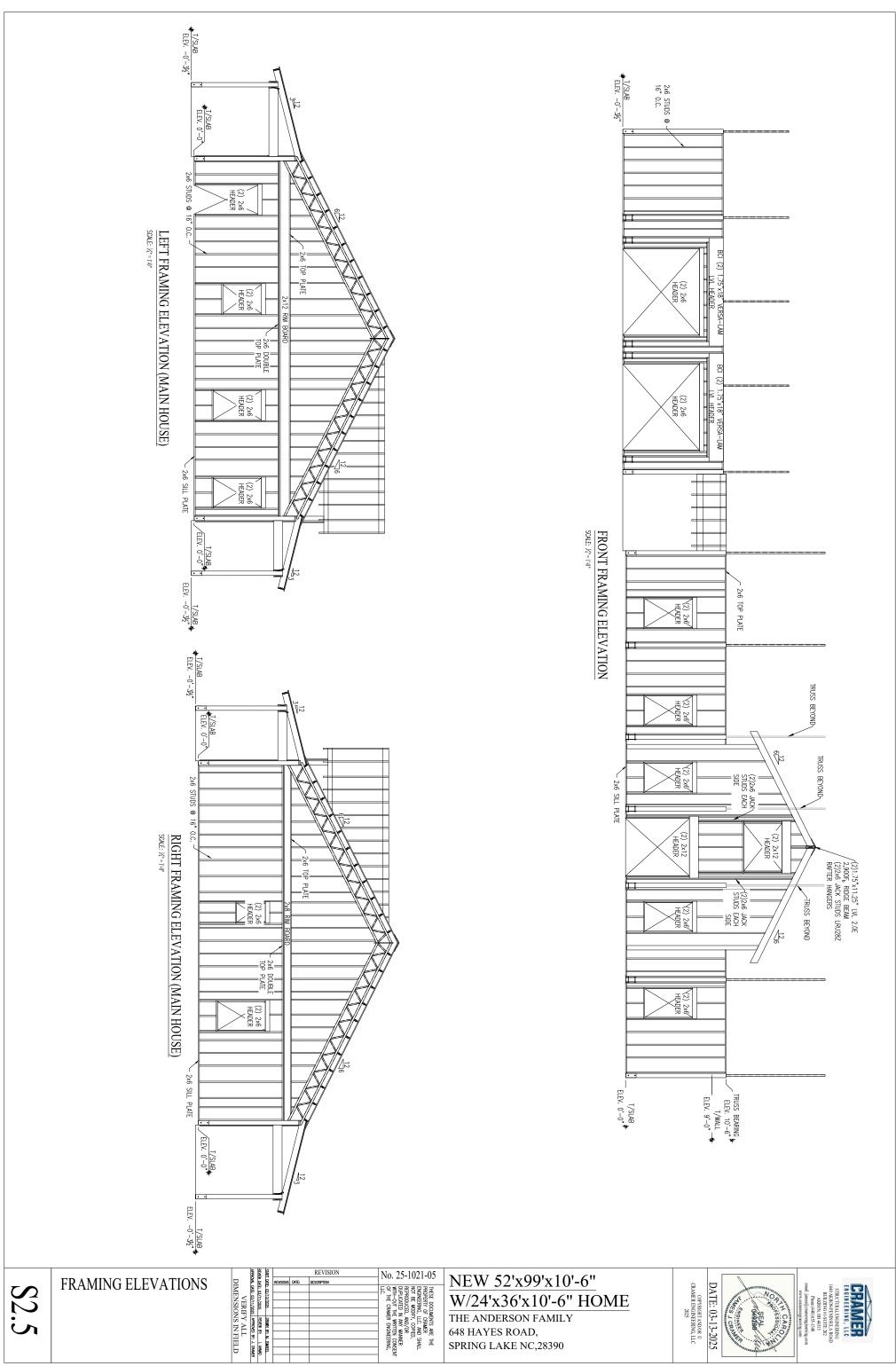
648 HAYES ROAD, SPRING LAKE NC,28390



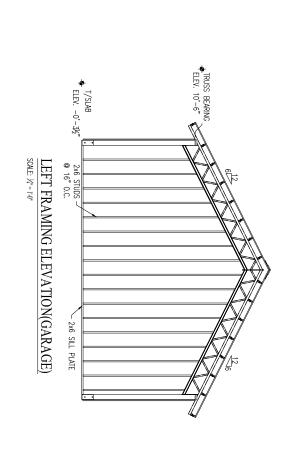




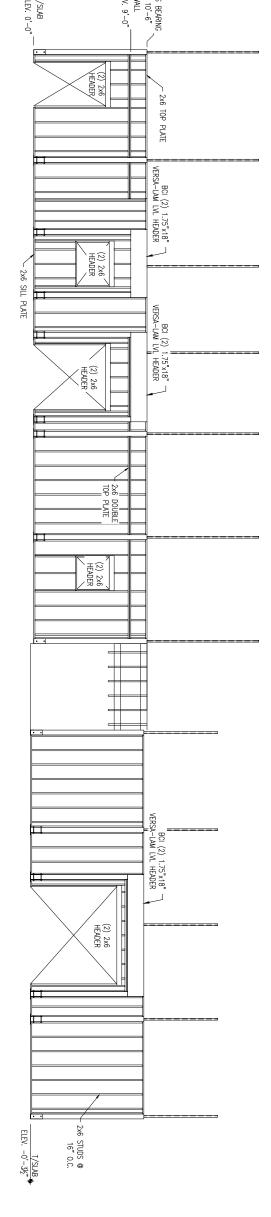
THE ANDERSON FAMILY 648 HAYES ROAD, SPRING LAKE NC,28390

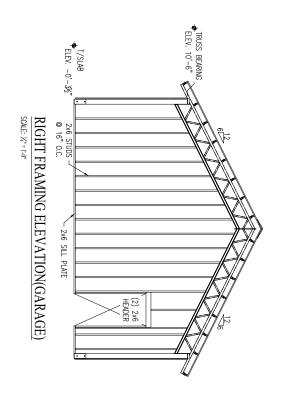


648 HAYES ROAD, SPRING LAKE NC,28390



REAR FRAMING ELEVATION





		APPROWL	REVIEW DATE: 03/11/2025	START			REVISION	No. 25-1021-0
	D	Æ	W DA	ME	REVISIONS	DATE:	DESCRIPTION	110. 23 1021 0
	℥	MTE	E .					PROPE ENGINE NOT B REPRO DUPLIC WITH- OF TH LLC.
	VERIFY DIMENSIONS	DATE: 03/11/2025	Ĕ	02/13/2025				
	VERIFY	11/20	2025	025				TO COMENTS TO F CRAING, LLC. MODIFY, CO DUCED, AND, TED IN ANY THE WRI CRAMER EI
	원됩	-	L	L				A A Z T T T T T T T T T T T T T T T T T
		APPROVED	REVIEW BY:	DRAWN				CRAMER CRAMER LLC. AN Y, COPII AND/OR AND/OR ANY M WRITTE IR ENGII
	ΖŁ	Ø.	8	BY:				
	L	BY: J.		×				
	쁜		I. AHIMO	SWAEE				SHALL SHALL NER CONSENT
	0	CRAMER	ŧ	۳				× ×
_		_	L					

THE ANDERSON FAMILY 648 HAYES ROAD, SPRING LAKE NC,28390 ENGINEERING, LUC
STRUCTURAL ENGINEERING
160 AKRON-ERINSUL A ROAD
BUILDING 11-8UITE 202
AKRON, OH 4513
Phone (44) 053-158
email: james/g-enerorgabening.com