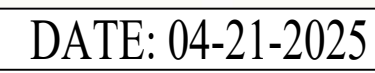


SITE LOCATION:  
HERNANDEZ RESIDENCE  
520 TREE BARK LANE  
CAMERON, NC 28326

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. NC BUILDING CODES IBC 2009 AMENDED

|                          |           |
|--------------------------|-----------|
| TOTAL SQUARE FOOT:       | 5,142 SF  |
| GROUND SNOW LOAD:        | 20 PSF    |
| ROOF LIVE LOAD:          | 20 PSF    |
| ROOF DEAD LOAD:          | 15 PSF    |
| ULTIMATE WIND DESIGN:    | 115 MPH   |
| WIND EXPOSURE:           | C         |
| SEISMIC DESIGN CATEGORY: | B         |
| ASSUMED SOIL BEARING:    | 1,500 PSF |
| ROOF DEFLECTION:         | L/180     |
| FLOOR DEFLECTION:        | L/360     |
| FROST DEPTH:             | 12"       |
| RISK CATEGORY:           | II        |

BUILDING SIZE: 108'-3"x63'-4"x10'-6"  
1st FLOOR LIVING: 2,639 SF  
BREEZEWAY: 118 SF  
COVERED PATIO: 595 SF  
COVERED PORCH: 595 SF  
GARAGE: 1,196 SF  
TOTAL UNDER ROOF: 5,142 SF

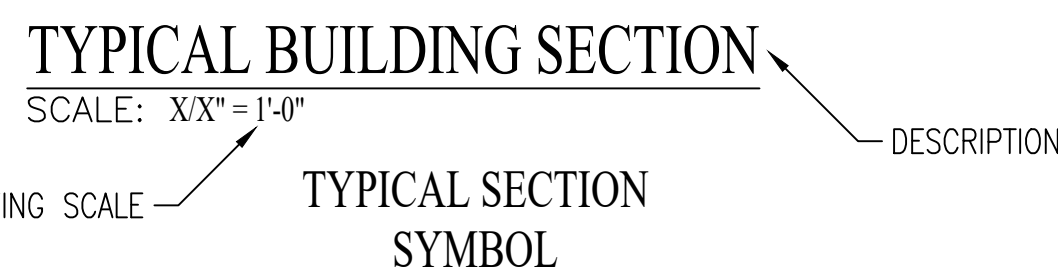


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2025

SECTION CALL OUT

SHEET SECTION IS DRAWN ON

SECTION CROSS-REFERENCES  
SYMBOL



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

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

## NEW 108'-3"x63'-4"x10'-6"

**HOME**  
HERNANDEZ RESIDENCE  
520 TREE BARK LANE  
CAMERON, NC 28326

No. 25-1021-13

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| START DATE: 03/03/2025 | DRAWN BY: P. CONNER |
|------------------------|---------------------|

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| REVIEW DATE: 3/18/2025 | REVIEW BY: K. RICHARDSON |
|------------------------|--------------------------|

|                           |                        |
|---------------------------|------------------------|
| APPROVAL DATE: 04/21/2025 | APPROVED BY: J. CRAMER |
|---------------------------|------------------------|

VERIFY ALL  
DIMENSIONS IN FIELD

# TITLE SHEET

## S0.1



GENERAL NOTES:

1. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS AT THE JOB SITE AND TO CROSS-CHECK DETAILS AND DIMENSIONS ON THE STRUCTURAL DRAWINGS WITH RELATED REQUIREMENTS ON THE ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS. FLOOR AND WALL OPENINGS, SLEEVES AND OTHER ARCHITECTURAL, MECHANICAL AND ELECTRICAL REQUIREMENTS MUST BE COORDINATED BEFORE THE CONTRACTOR PROCEEDS WITH CONSTRUCTION.
2. ALL ENGINEERING DESIGN, CONSTRUCTION AND TESTING SHALL CONFORM TO THE REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE LATEST EDITION (HEREIN REFERRED TO AS "THE CODE").
3. THESE DOCUMENTS DO NOT INCLUDE THE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. SAFETY, CARE OF ADJACENT PROPERTIES DURING CONSTRUCTION, AND COMPLIANCE WITH LOCAL REGULATIONS REGARDING SAFETY IS, AND SHALL BE, THE CONTRACTOR'S RESPONSIBILITY.
4. REFER TO THE ARCHITECTURAL DRAWINGS FOR DIMENSIONS NOT SHOWN ON THE STRUCTURAL DRAWINGS.
5. ALL OMISSIONS OR CONFLICTS BETWEEN THE VARIOUS 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:

1. WHEN EXCAVATING FOR NEW FOUNDATIONS, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE PROPER SHORING CONFORMING TO ALL FEDERAL, STATE AND LOCAL CODES AND LAWS AS REQUIRED.
2. DURING ANY EXCAVATION OR CONSTRUCTION, FIELD PERSONNEL SHALL TAKE PRECAUTION NOT TO DISTURB OR CUT EXISTING CONDUIT OR UTILITIES. LOCATION OF UTILITY LINES SHOWN ARE APPROXIMATE ONLY.
3. COMPACTED FILL SHALL BE PLACED IN 6 INCH LOOSE LAYERS FOR USING HAND OPERATED TAMPERS, AND 8 INCH LOOSE LAYERS FOR USING VIBRATORY ROLLERS. ADJUST MOISTURE CONTENT OF FILL MATERIAL TO THE ASTM D-698 OPTIMUM  $\pm$  2%. COMPACT FILL SHALL BE 97% OF MAXIMUM DENSITY, DETERMINED BY USING STANDARD PROCTOR ASTM D-698. THE EXCAVATION CONTRACTOR SHALL VERIFY LOCATION OF UNDERGROUND SERVICE UTILITIES PRIOR TO BEGINNING CONSTRUCTION WORK.
4. NON-EXPANSIVE COMPACTED GRANULAR FILL SHALL BE DEPOSITED IN DEPTHS OF 8" BELOW ALL CONCRETE MATS, SLABS, AND PITS, AND 18" BEHIND ALL CONCRETE WALLS, UNLESS NOTED OTHERWISE.
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.
6. INSTALLATION SHALL BE PER THE LATEST APPLICABLE LOCAL CODES AND LAWS.
7. 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:

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

## ANCHOR RODS & BOLTS:

1. ALL ANCHOR BOLTS SHALL BE ASTM F1554 GRADE "A" WITH ASTM A-563 GRADE "A" HEAVY HEX NUTS AND ASTM F-436 HARDENED FLAT STEEL WASHERS. ANCHOR PLATES SHALL BE ASTM A36 STEEL, UNLESS NOTED OTHERWISE.
2. ALL ANCHOR BOLTS MUST BE SET WITH A TEMPLATE. INSTALLATION OF ANCHOR BOLTS AND EMBEDDED ITEMS SHALL BE IN STRICT ACCORDANCE WITH A.I.S.C. CODE OF STANDARD PRACTICE.
3. SLEEVES MAY BE USED AT CONTRACTOR'S OPTION. IF USED, CONTRACTOR MUST PROTECT CONCRETE FROM CRACKING DUE TO WATER FREEZING IN THE SLEEVE OPENINGS.
4. ANCHOR RODS SHALL BE "HILTI HIT HY 150" INJECTION ADHESIVE SYSTEM WITH "HAS" STANDARD BOLTS OR ASTM F1554, GR. 36 THREADED RODS. SIZE, EMBEDMENT AND PROJECTION AS INDICATED ON DESIGN DRAWINGS.
5. ANCHOR RODS/BOLTS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURER SPECIFICATIONS.
6. FOR DRILLED IN DOWELS, USE BASF-THE CHEMICAL COMPANY'S "CONCRETE 1090 LIQUID".

### CONCRETE NOTES:

1. ALL READY MIX CONCRETE SHALL CONFORM TO ASTM C 94.
2. ALL REINFORCING STEEL SHALL BE PLACED IN CONFORMANCE WITH THE LATEST EDITION OF "THE MANUAL OF STANDARD PRACTICE FOR REINFORCED CONCRETE CONSTRUCTION", PUBLISHED BY C.R.S.I.
3. 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 GRADE 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 SPICE LENGTHS.
5. DETAILING, BENDING AND PLACING OF REINFORCING STEEL SHALL BE IN ACCORDANCE WITH LATEST EDITION OF THE ACI CODE.
6. ALL CONCRETE FORM WORK SHALL BE ADEQUATELY TIED TOGETHER AND BRACED TO FORM TRUE LINES, SQUARE CORNERS AND PLUMB WALLS.
7. ALL CONCRETE MATERIALS AND WORKMANSHIP SHALL CONFORM TO CHAPTER 19 OF THE CODE.
8. MIX DESIGN SHALL BE BASED ON PERFORMANCE TEST AND SHALL BE SUBMITTED TO THE ENGINEER OF RECORD AND GENERAL CONTRACTOR.
9. 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 PSI  
CONCRETE SLABS = 4000 PSI
11. 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 VERIFY 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 CAST 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.
15. PROCEDURES FOR PLACEMENT OF CONCRETE SHALL BE IN STRICT CONFORMANCE WITH ACI 304, "RECOMMENDED PRACTICE FOR MEASURING, MIXING, TRANSPORTING AND PLACING CONCRETE."
16. 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 MATERIAL TO ALLOW CONCRETE TO CURE WITHOUT RESTRAINT. PIPES OR CONDUITS EXCEEDING ONE THIRD THE SLAB OR WALL THICKNESS SHALL NOT BE IN STRUCTURAL CONCRETE UNLESS SPECIFICALLY DETAILED. SEE MECHANICAL AND/OR ELECTRICAL DRAWINGS 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 EVEN SLOPE. CONCRETE FINISH SHALL BE SMOOTH FOR INTERIOR FLOOR SLABS AND BROOMED FOR EXTERIOR WALKS.
19. THE SURFACE OF ALL CONSTRUCTION JOINTS SHALL BE CLEANED 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.

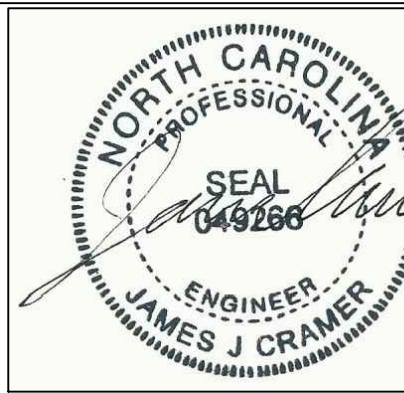
WOOD:

1. ALL WOOD CONSTRUCTION SHALL BE DESIGNED, FURNISHED, AND ERECTED IN ACCORDANCE WITH N.D.S. AND THE LATEST EDITION OF THE AITC TIMBER CONSTRUCTION MANUAL.
2. ALL LUMBER SHALL BE MINIMUM NO.1 / NO.2 SPF UNLESS INDICATED OTHERWISE.
3. 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        |

RETENTION SHALL BE PER MANUFACTURER'S SPECIFICATIONS FOR THE PARTICULAR USE.
4. ALL FASTENERS IN CONTACT WITH PRESSURE TREATED LUMBER SHALL BE GALVANIZED WITH A MINIMUM G185 COATING.
5. ALL PLYWOOD DESIGNATED ON THE STRUCTURAL DRAWINGS SHALL BE DOUGLAS FIR, CONFORMING TO THE LATEST NATIONAL BUREAU OF STANDARDS "U.S. PRODUCT STANDARDS PS 1". PLYWOOD SHALL BE GRADE STAMPED CDX WITH EXTERIOR GLUE AND PANEL INDEX 24/16, UNLESS NOTED OTHERWISE.
6. STRUCTURAL 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 SPECIFIED BY A.P.A.
7. PLYWOOD SHALL BE A.P.A. PERFORMANCE STAMPED, AS SPECIFIED ABOVE, GRADE STAMPED C-D, EXPOSURE.
8. ALL GLUE LAMINATED MEMBERS AS SHOWN ON PLANS SHALL BE IN ACCORDANCE WITH A.N.S.I. A190.1, 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.
9. NO WOOD MEMBER SHALL BE CUT, NOTCHED OR BORED, EXCEPT AS DETAILED OR PERMITTED BY THIS CODE.
10. ALL TOPS OF COLUMNS AND WALLS SHALL BE ADEQUATELY BRACED UNTIL THE ROOF SHEATHING IS COMPLETELY NAILED IN PLACE.
11. 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'-0" O.C.
12. 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.
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 "SIMPSON" METAL HANGERS AS FOLLOWS, UNLESS NOTED OTHERWISE:  

|                              |   |               |
|------------------------------|---|---------------|
| 2x4, 6 AND 8 MEMBERS         | = | "U" SERIES    |
| 2x10, 12, 14, AND 16 MEMBERS | = | "HU" SERIES   |
| 4x4 AND LARGER               | = | "HUTF" SERIES |
| POST TO BEAM MEMBERS         | = | "PC" SERIES   |
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 THAN THAT SPECIFIED IN TABLE 2304.9.1 OF THE CODE AND PER MANUFACTURERS SPECIFICATIONS.
  - a. ALL NAILS EXPOSED TO THE WEATHER SHALL BE GALVANIZED.
  - b. TOE NAILS SHALL BE DRIVEN AT AN ANGLE OF 30 DEGREES TO THE PIECE SURFACE AND BE STARTED AT  $\frac{1}{2}$  THE LENGTH OF THE NAIL FROM THE EDGE OF THE PIECE.
15. WOOD SCREWS SHALL BE IN CONFORMANCE WITH A.N.S.I. B18.6.1.
16. BOLTS AND LAG SCREWS SHALL CONFORM TO A.N.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  $\frac{1}{32}$ " TO  $\frac{1}{16}$ " LARGER THAN THE BOLT DIAMETER, UNLESS NOTED OTHERWISE. ALL BOLTS SHALL BE RETIGHTENED PRIOR TO APPLICATION OF PLASTER, PLYWOOD, ETC.



DATE: 04-21-2025

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2025

NEW 108'-3"x63'-4"x10'-6"  
HOME  
HERNANDEZ RESIDENCE  
520 TREE BARK LANE  
CAMERON, NC 28326

No. 25-1021-12

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| START DATE: 03/03/2025 | DRAWN BY: P. CONNER |
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| REVIEW DATE: 03/18/2025 | REVIEW BY: K. RICHARDS |
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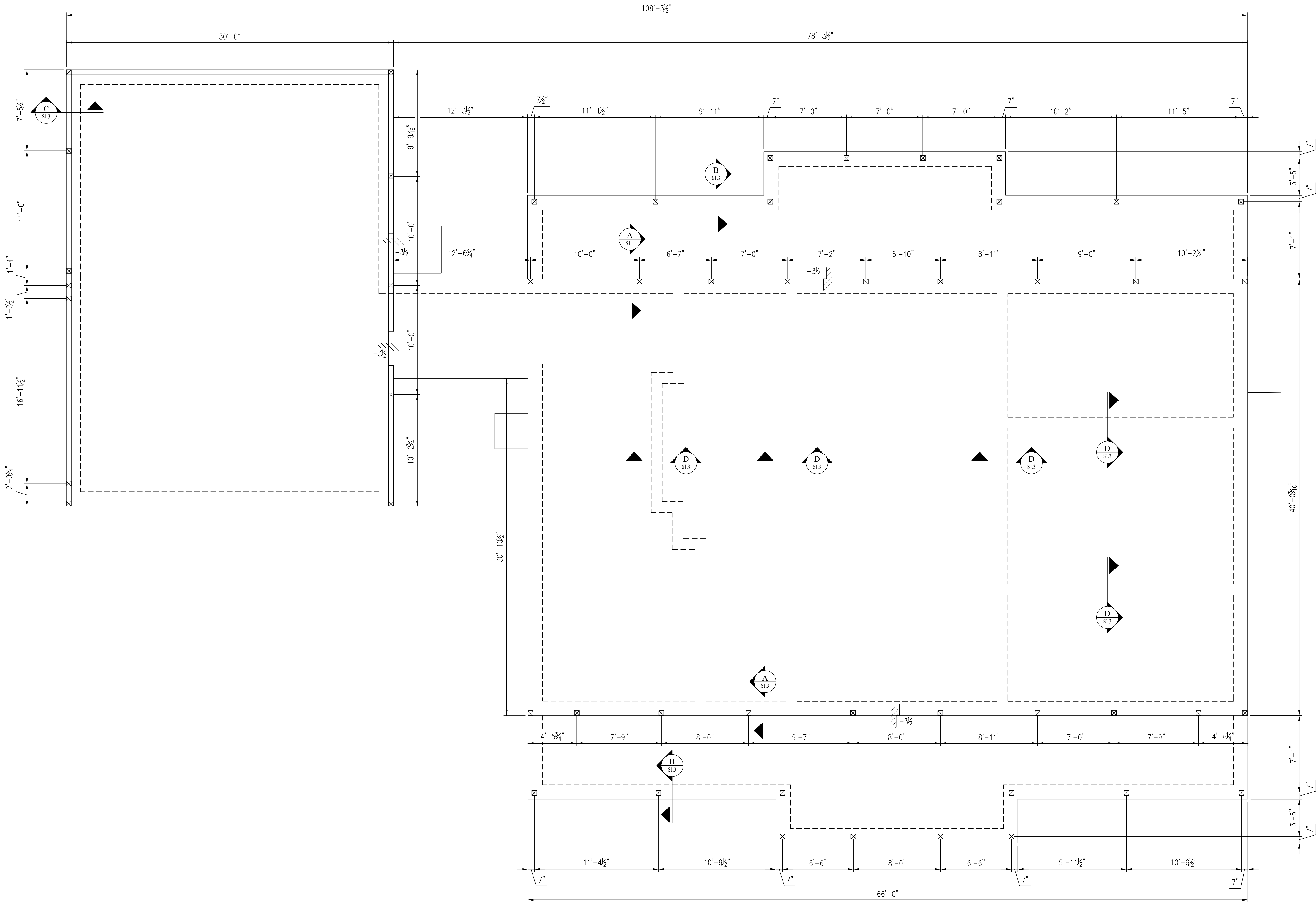
APPROVAL DATE: 04/21/2025    APPROVED BY: J. CRAM

VERIFY ALL  
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## GENERAL & STRUCTURAL NOTES

# S0.2

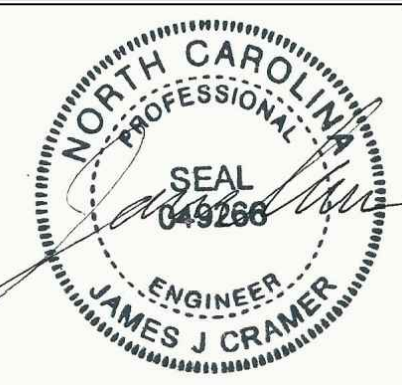




FOUNDATION PLAN  
SCALE: 1/4" = 1'-0"



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



DATE: 04-21-2025

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2025

NEW 108'-3"x63'-4"x10'-6"  
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CAMERON, NC 28326

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| REVISION | DESCRIPTION |
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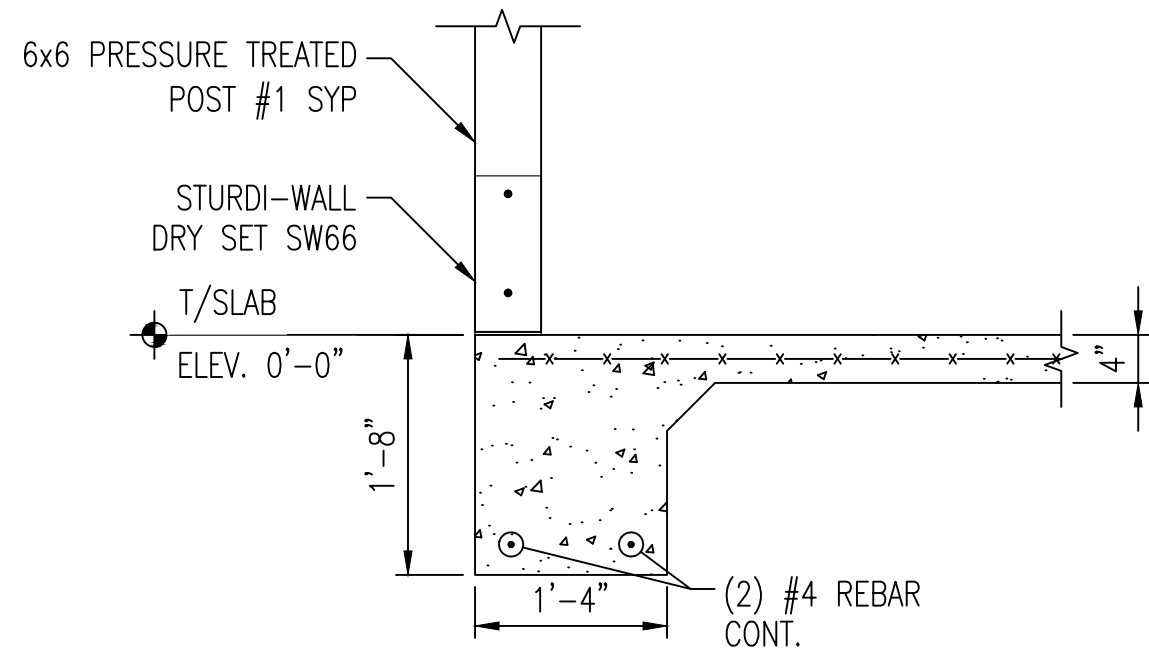
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| START DATE: 03/03/2025    | DRAWN BY: P. CONNER      |
| REVIEW DATE: 03/18/2025   | REVIEW BY: K. RICHARDSON |
| APPROVAL DATE: 04/21/2025 | APPROVED BY: J. CRAMER   |

VERIFY ALL  
DIMENSIONS IN FIELD

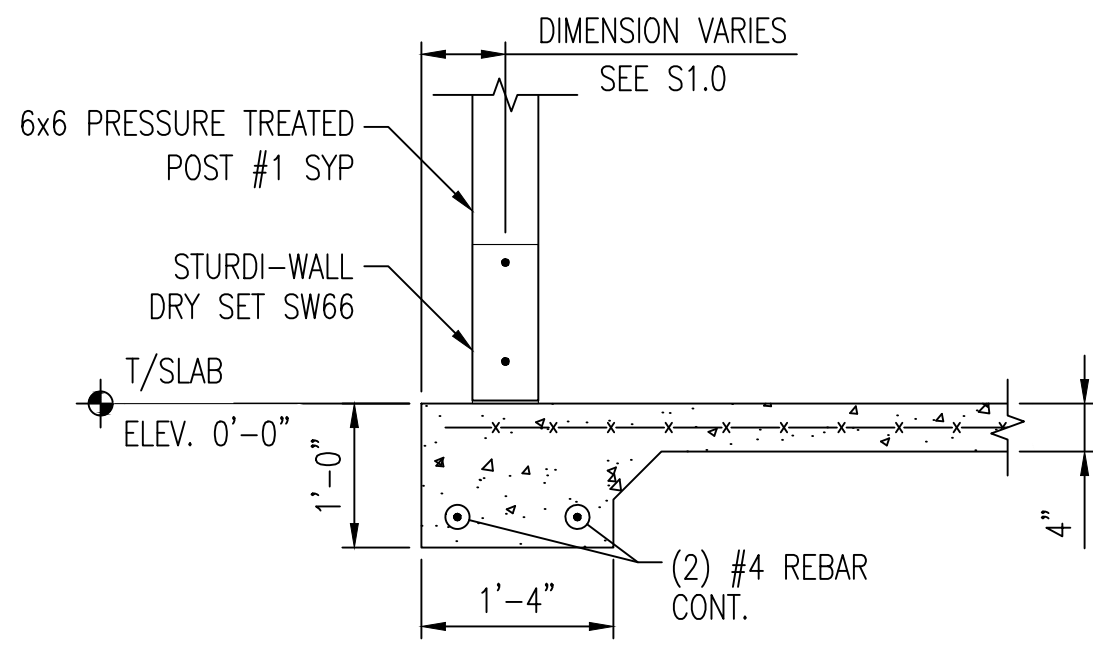
FOUNDATION PLAN  
& SECTION

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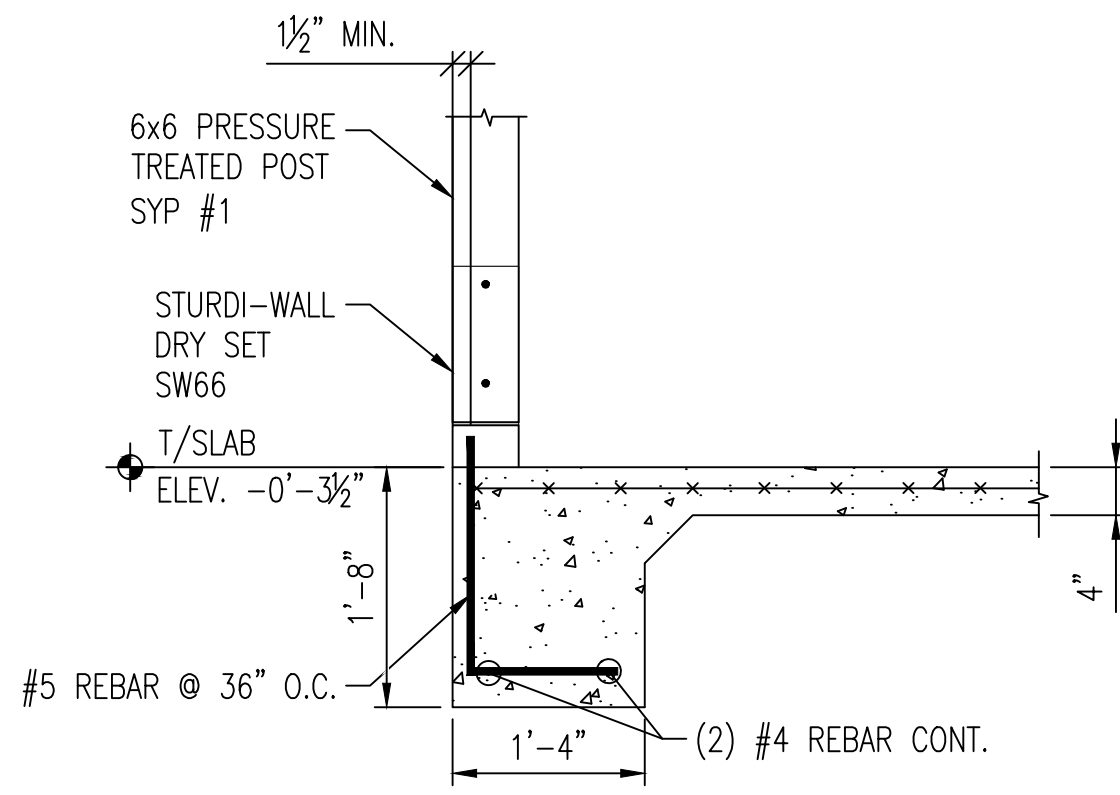




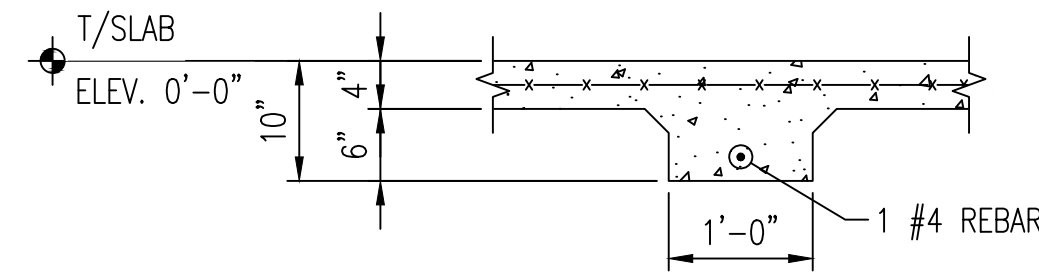
**FOOTING  
6x6 POST**  
SCALE: 3/4"=1'-0" **A**  
S1.0



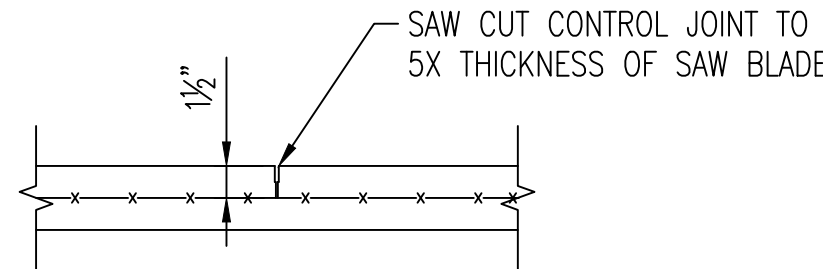
**FOOTING @ FRONT  
PORCH 6x6 POST**  
SCALE: 3/4"=1'-0" **B**  
S1.0



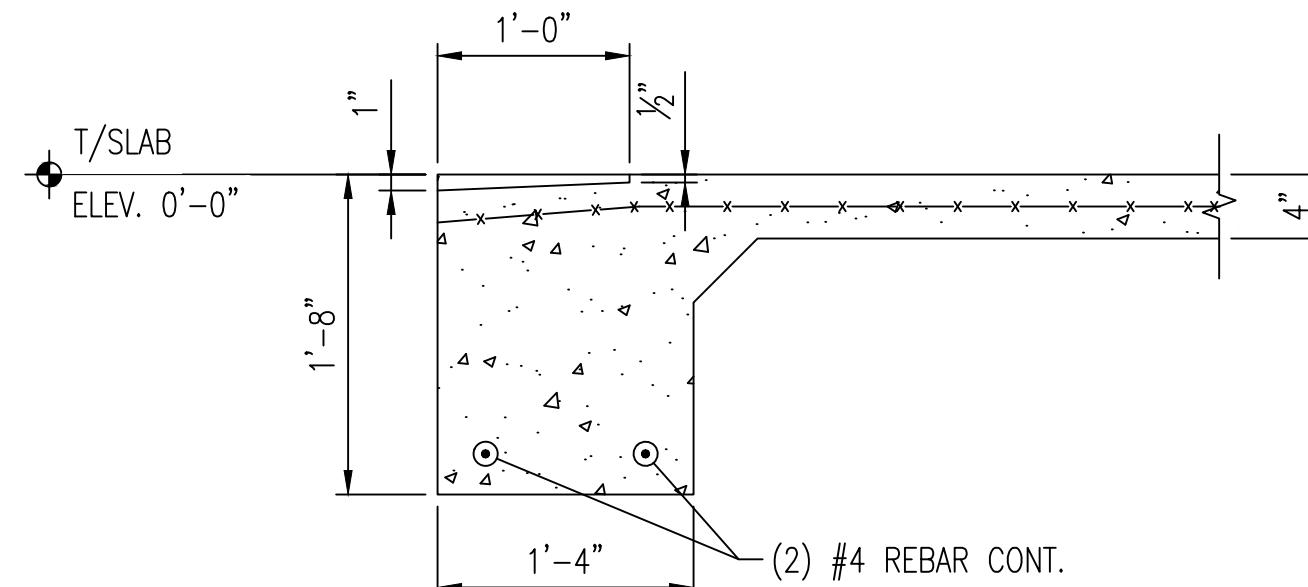
**GARAGE FOOTING  
6x6 POST**  
SCALE: 3/4"=1'-0" **C**  
S1.0



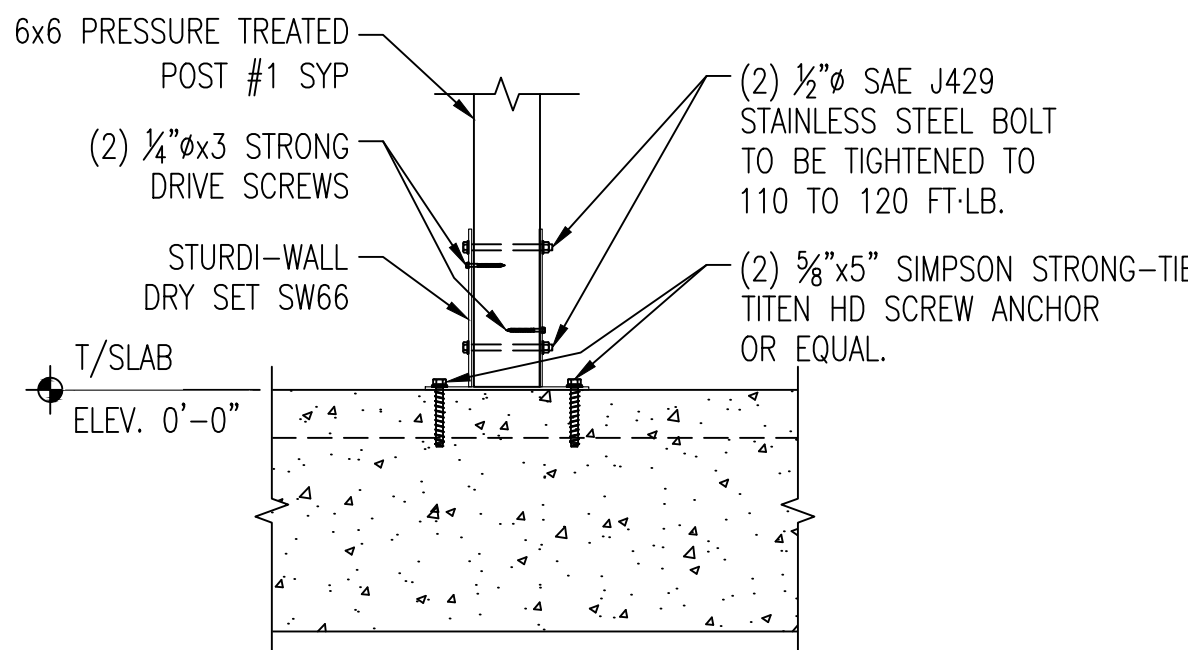
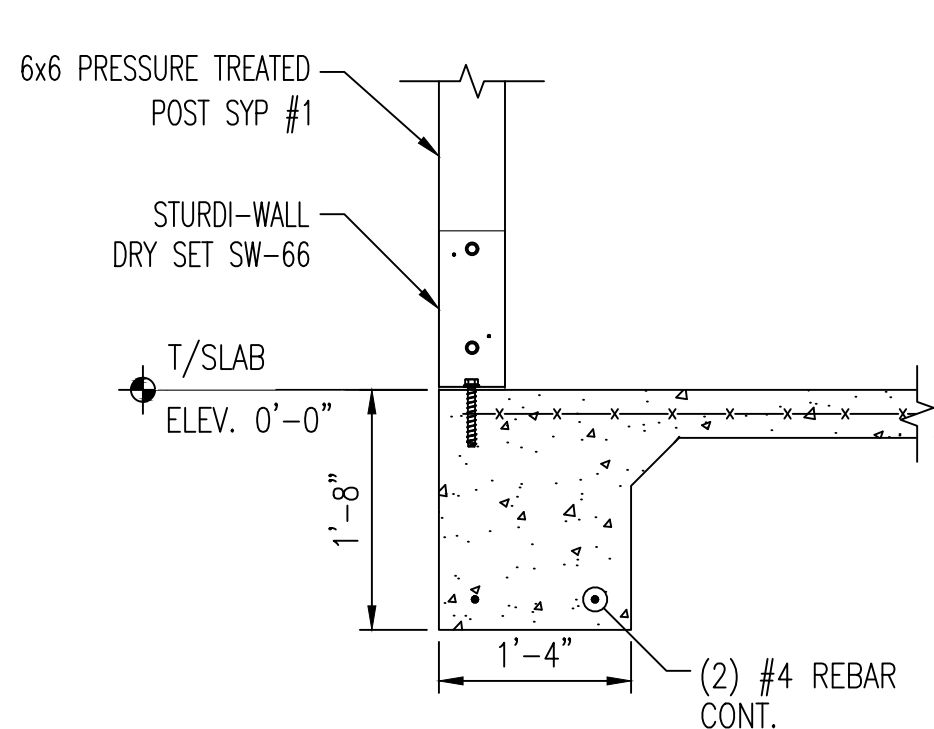
**TYPICAL THICKENED  
SLAB SECTION**  
SCALE: 3/4"=1'-0" **D**  
S2.3



**TYPICAL CONTROL  
JOINT SECTION**  
SCALE: 1"=1'-0" **E**  
S1.1



**TYPICAL FOOTING  
WATER STOP RECESS**  
SCALE: 1"=1'-0" **F**  
S1.2



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

| REVISION | DESCRIPTION |
|----------|-------------|
| 1        |             |
| 2        |             |
| 3        |             |
| 4        |             |
| 5        |             |
| 6        |             |
| 7        |             |
| 8        |             |
| 9        |             |
| 10       |             |

|                           |                          |
|---------------------------|--------------------------|
| START DATE: 03/03/2025    | DESIGNED BY: P. CONNER   |
| REVIEW DATE: 03/18/2025   | REVIEW BY: K. RICHARDSON |
| APPROVAL DATE: 04/21/2025 | APPROVED BY: J. CRAMER   |

VERIFY ALL  
DIMENSIONS IN FIELD

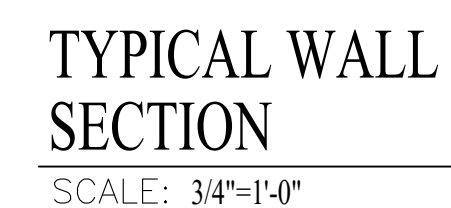
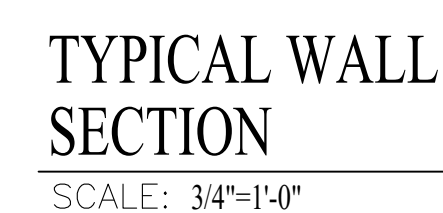
















SCALE: 3/4" = 1'-0"



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



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



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



SCALE:  $\frac{3}{4}" = 1'-0"$



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



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



## SECTION @ LEAN-TO

SCALE: 1/2"=1'-0"



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



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



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

DATE: 04-21-2025

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2025

NEW 108'-3"x63'-4"x10'-6"

# HOME

HERNANDEZ RESIDENCE

CAMERON, NC 28326

No. 25-1021-12

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[illegible]

|                           |                       |
|---------------------------|-----------------------|
| ART DATE: 03/03/2025      | DRAWN BY: P. CONNER   |
| VIEW DATE: 03/18/2025     | REVIEW BY: K. RICHARD |
| APPROVAL DATE: 04/21/2025 | APPROVED BY: J. CRAM  |

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## TYPICAL DETAILS

## S2.4





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[illegible]

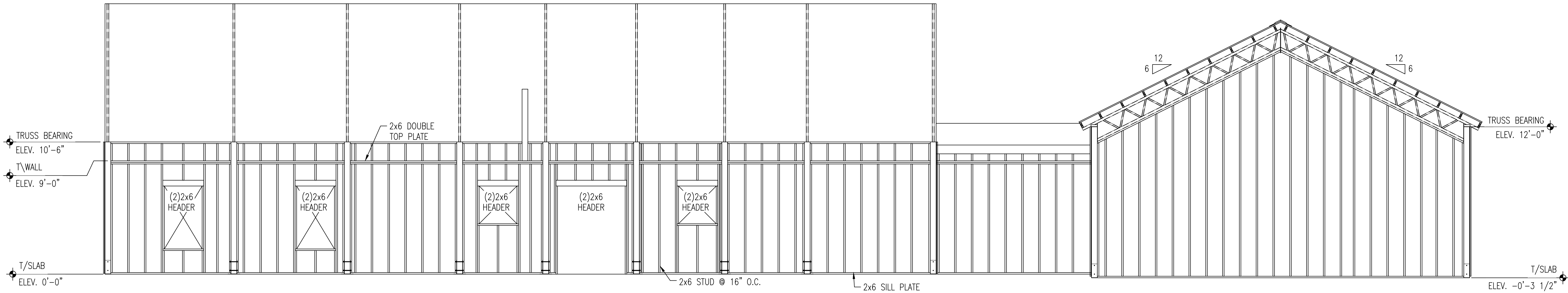
|                           |                          |
|---------------------------|--------------------------|
| ART DATE: 03/03/2025      | DRAWN BY: P. CONNER      |
| VIEW DATE: 03/18/2025     | REVIEW BY: K. RICHARDSON |
| APPROVAL DATE: 04/21/2025 | APPROVED BY: J. CRAMER   |

**VERIFY ALL  
DIMENSIONS IN FIELD**

# FRAMING ELEVATIONS

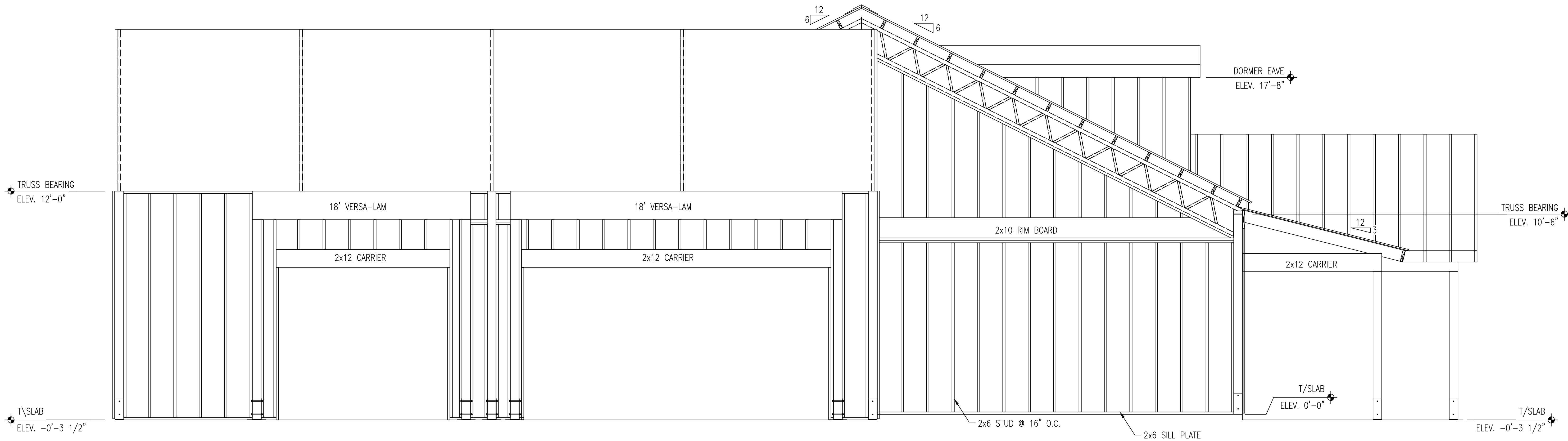
## S2.5





REAR FRAMING ELEVATION

SCALE: 1/4" = 1'-0"



LEFT SIDE FRAMING ELEVATION

SCALE: 3/8" = 1'-0"

DATE: 04-21-2025

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2025

NEW 108'-3"x63'-4"x10'-6"  
HOME  
HERNANDEZ RESIDENCE  
520 TREE BARK LANE  
CAMERON, NC 28326

No. 25-1021-12

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REVISION  
DESCRIPTION  
DATE

START DATE: 03/03/2025 DRAWN BY: P. CONNER  
REVIEW DATE: 03/18/2025 REVIEW BY: K. RICHARDSON  
APPROVAL DATE: 04/21/2025 APPROVED BY: J. CRAMER

VERIFY ALL  
DIMENSIONS IN FIELD

FRAMING ELEVATIONS