

**STRUCTURAL FOUNDATION PLAN**  
**SCALE: 1/4" = 1'**

**STRUCTURAL NOTES:**

- ALL FRAMING TO BE SPF #2 UNLESS NOTED OTHERWISE
- MIN F<sub>b</sub> OF FRAMING LUMBER TO BE 900 PSI
- ALL HEADERS TO BE (2) 2 x 10 (UNLESS NOTED OTHERWISE)
- ALL JACKS UNDER HEADERS TO BE (2) 2 x 4 (UNLESS NOTED OTHERWISE)
- ALL REQUIREMENTS OF N.C. RESIDENTIAL BUILDING CODE 2018 EDITION SHALL BE ADHERED TO
- SOIL BEARING CAPACITY SHALL BE A MINIMUM OF 2000 PSF
- ALL CONCRETE SHALL BE 3000 PSI (28 DAY STRENGTH)
- PLACE DOUBLE BAND WITH LEDGER OVER ANY VENT OVER 16" WIDE AND ACCESS OPENINGS IN THE FOUNDATION WALL
- PLACE DOUBLE JOIST UNDER ALL NON-LOAD BEARING PARTITION WALLS 8'-0" OR LONGER
- TREATED BANDS AT ALL PORCH LOCATIONS

REVIEW OF STRUCTURAL COMPONENTS ONLY AS RELATED TO N.C. STATE RESIDENTIAL BUILDING CODE, 2018 EDITION  
 THOMPSON AND ASSOCIATES, P.A. (C-0343)  
 1149 EXECUTIVE CIRCLE SUITE D-2  
 CARY, NC 27511  
 (919) 465-1566



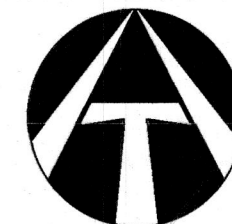
*Randall L. Miller*  
 4-11-2025

SEAL ONLY APPLIES TO STRUCTURAL MEMBERS AS SHOWN ON THIS PLAN. CONSTRUCTION METHODS, PROCEDURES, TECHNIQUES, SEQUENCES, AND SAFETY MEASURES ARE NOT APPLICABLE TO ENGINEER'S SEAL. ANY CHANGES, DISCREPANCIES, ALTERATIONS, OR OMISSIONS TO THE PLANS SHOULD IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THOMPSON AND ASSOCIATES. FAILURE TO CONTACT THOMPSON AND ASSOCIATES WILL VOID THOMPSON AND ASSOCIATES LIABILITY.

SHEET S-1

\*VERIFY ALL DIMENSIONS\*  
 \*IN FIELD PRIOR TO CONSTRUCTION\*

DESIGN LOADS:  
 50 PSF LIVE LOAD  
 10 PSF DEAD LOAD  
 120 MPH WIND



NC LIC.# C-0343

**THOMPSON and ASSOCIATES, P.A.**

1149 EXECUTIVE CIRCLE SUITE D-2  
 CARY, NC 27511  
 TEL. 919 465-1566

DATE: 4-10-2025	SURVEYED BY: N/A	JOB
SCALE: 1/4" = 1'	DRAWN BY: RLM	DWG. NO.
REVISIONS:		

**FOUNDATION PLAN**  
**SCREEN PORCH**  
**LASSITER RESIDENCE**  
 3570 COKESBURY ROAD  
 FUQUAY-VARINA, NORTH CAROLINA