

STRUCTURAL ROOF PLAN
SCALE: 1/4" = 1'

- STRUCTURAL NOTES:**
- ALL FRAMING TO BE SPF #2 UNLESS NOTED OTHERWISE
 - MIN FB 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

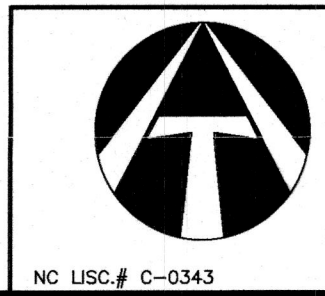


SEAL ONLY APPLIES TO STRUCTURAL MEMBERS AS SHOWN ON THIS PLAN. CONSTRUCTION METHODS, PROCEDURES, TECHNIQUES, SEQUENCES, AND SAFETY MEASURES ARE NOT APPLICABLE TO ENGINEER'S SEAL. ANY CHANGES, DISCREPANCIES, ALTERATIONS, OR OMISSIONS TO THE PLANS SHOULD IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THOMPSON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

SHEET S-3

VERIFY ALL DIMENSIONS
IN FIELD PRIOR TO CONSTRUCTION

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



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:		

**ROOF STRUCTURAL
SCREEN PORCH
LASSITER RESIDENCE**
3570 COKESBURY ROAD
FUQUAY-VARINA, NORTH CAROLINA