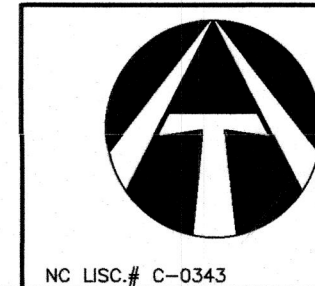


STRUCTURAL FOUNDATION PLAN
SCALE: 1/4" = 1'

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

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:		

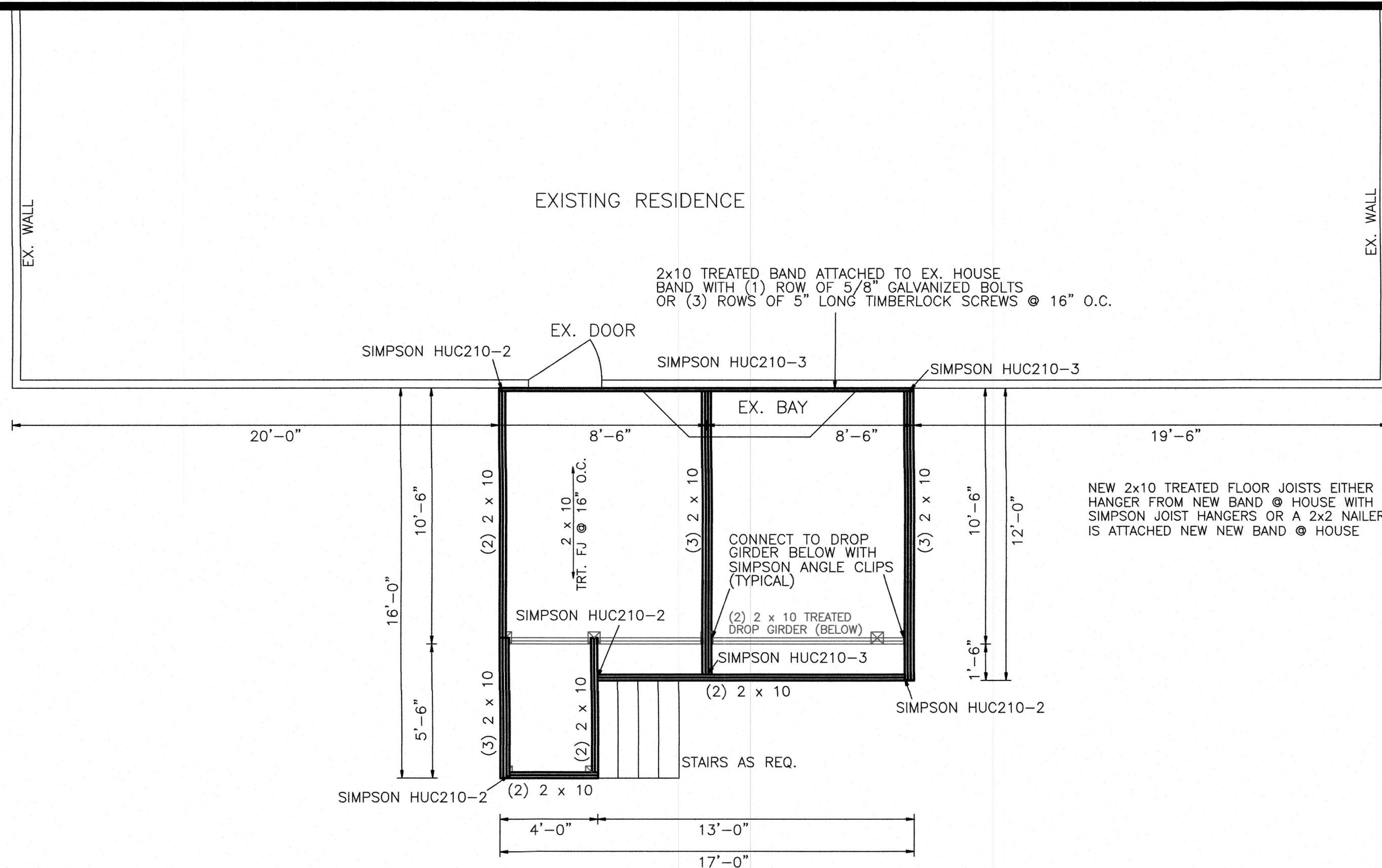
FOUNDATION PLAN
SCREEN PORCH
LASSITER RESIDENCE
 3570 COKESBURY ROAD
 FUQUAY-VARINA, NORTH CAROLINA

REVIEW OF STRUCTURAL COMPONENTS ONLY AS RELATED TO N.C. STATE RESIDENTIAL BUILDING CODE, 2018 EDITION
 THOMPSON AND ASSOCIATES, PA (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-1

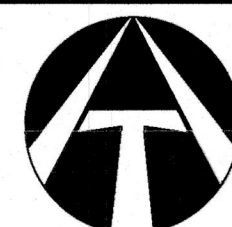


STRUCTURAL FLOOR PLAN **SCALE: 1/4" = 1'**

- STRUCTURAL NOTES:**
- ALL FRAMING TO BE SPF #2 UNLESS NOTED OTHERWISE
 - MIN F_b 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 300 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

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:		

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

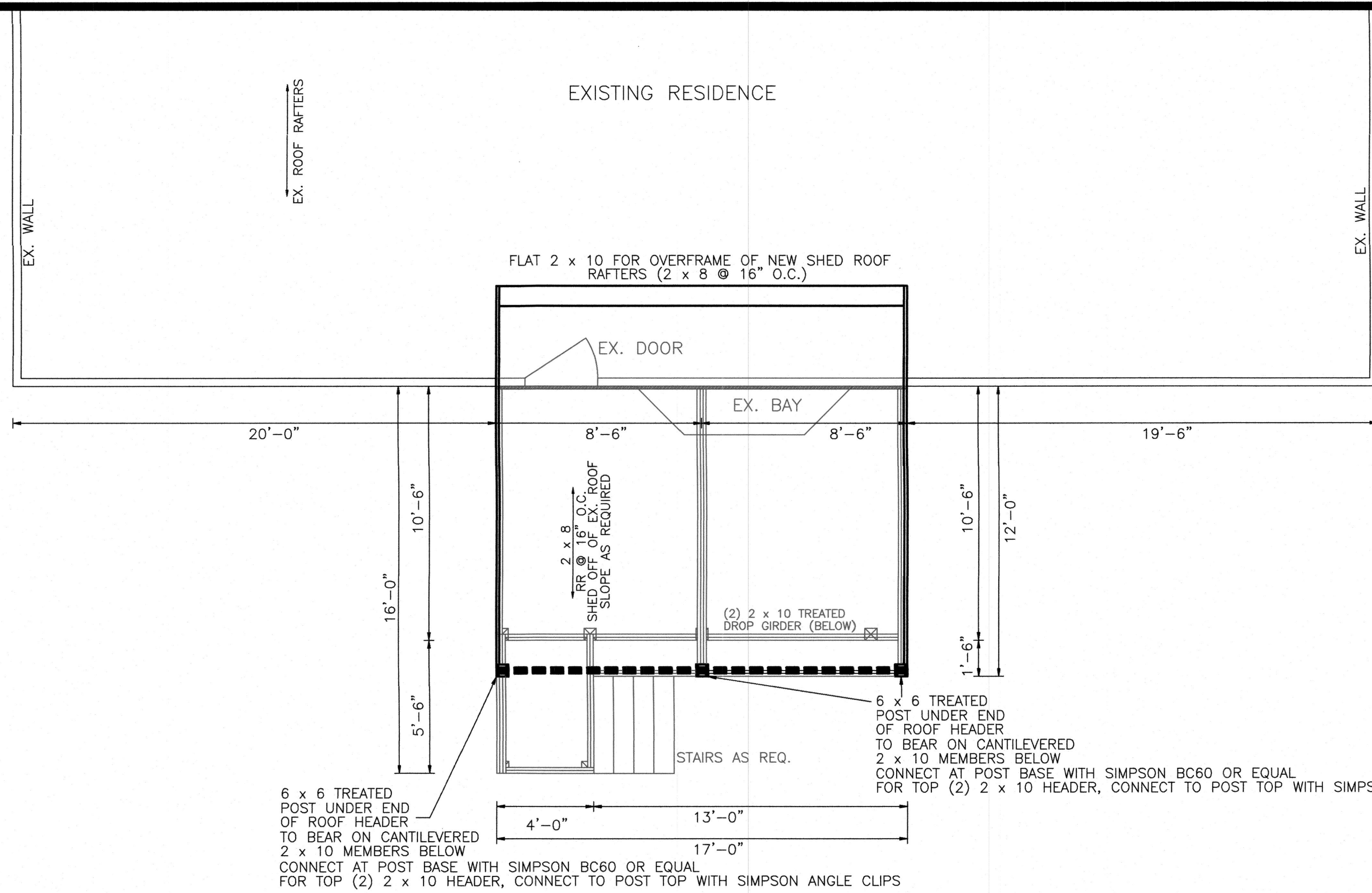
REVIEW OF STRUCTURAL COMPONENTS ONLY AS
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 THOMPSON AND ASSOCIATES, PA (C-0343)
 1149 EXECUTIVE CIRCLE SUITE D-2
 CARY, NC 27511
 (919) 465-1566



Randall L. Miller
 4-11-2025

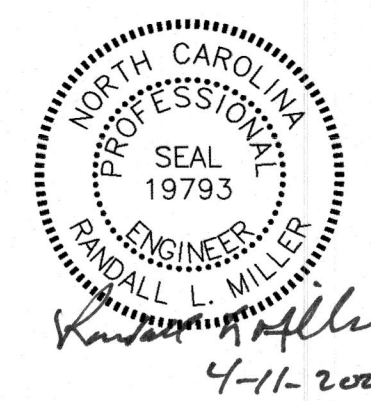
SEAL ONLY APPLIES TO STRUCTURAL MEMBERS AS SHOWN ON THIS PLAN.
 CONSTRUCTION METHODS, PROCEDURES, TECHNIQUES, SEQUENCES, AND
 SAFETY MEASURES ARE NOT APPLICABLE TO ENGINEER'S SEAL.
 ANY CHANGES, DISCREPANCIES, ALTERATIONS, OR OMISSIONS TO THE PLANS
 SHOULD IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THOMPSON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

SHEET S-2



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



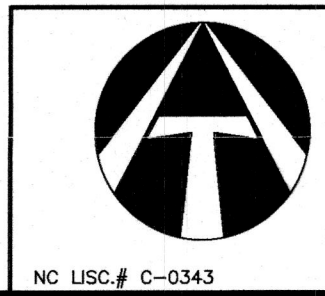
REVIEW OF STRUCTURAL COMPONENTS ONLY AS RELATED TO N.C. STATE RESIDENTIAL BUILDING CODE, 2018 EDITION
 THOMPSON AND ASSOCIATES, P.A. (C-0343)
 1149 EXECUTIVE CIRCLE SUITE D-2
 CARY, NC 27511
 (919) 465-1566

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