

**APPENDIX E-1: RESIDENTIAL REQUIREMENTS****ENERGY EFFICIENCY CERTIFICATE  
(SECTION N1101.9)****BUILDER, PERMIT HOLDER OR REGISTERED DESIGN PROFESSIONAL**PRINT NAME: McClay Custom HomesSIGNATURE: PROPERTY ADDRESS: 4604 Indigo Ln  
New Bern, NCDATE: November 30, 2024

INSULATION RATING- List the value covering largest area to all that apply.

R-VALUE

Ceiling/ Roof:

R- 38

Wall:

R- 15

Floor:

R- 19

Closed Crawl Space Wall:

R- N/A

Closed Crawl Space Floor:

R- N/A

Slab:

R- N/A

Basement Wall:

R- N/A

**FENESTRATION:**

U-Factor

.29

Solar Heat Gain Coefficient (SHGC)

.29

**BUILDING AIR LEAKAGE:**☐ Visually Inspected according to N1102.4.2.1 OR☒ Building Air Leakage Test Results (See N1102.4.2.2)  
ACH50 [Target: 5.0] or CFM50/SFSA [Target: 0.30]4.19  
@ ACH50Name of Tester/Company: Jim EllingtonPhone: 252-670-8899Date: November 30, 2024**DUCTS:**

Insulation

R- 8

Total Duct Leakage Test Result (Sect. N1103.2.2)  
(CFM25 Total/100SF) [Target: 6]

4.13

Name of Tester/Company:

Phone: Same as Above

Date:

**CERTIFICATE TO BE DISPLAYED PERMANENTLY**