

APPENDIX E-1: RESIDENTIAL REQUIREMENTS

ENERGY EFFICIENCY CERTIFICATE (SECTION N1101.9)

BUILDER, PERMIT HOLDER OR REGISTERED DESIGN PROFESSIONAL

PRINT NAME: McClay Custom Homes ENC, Inc.

SIGNATURE: Will M. McClay

PROPERTY ADDRESS: 1007 Alabaster Dr
New Bern, NC

DATE: July 20, 2024

INSULATION RATING- List the value covering largest area to all that apply.	R-VALUE
Ceiling/ Roof:	R- 38
Wall:	R- 15/19
Floor:	R- 19
Closed Crawl Space Wall:	R- 13
Closed Crawl Space Floor:	R- n/a
Slab:	R- n/a
Basement Wall:	R- n/a

FENESTRATION:

U-Factor	.33
Solar Heat Gain Coefficient (SHGC)	.25

BUILDING AIR LEAKAGE:

<input type="checkbox"/> Visually Inspected according to N1102.4.2.1 OR	
<input checked="" type="checkbox"/> Building Air Leakage Test Results (See N1102.4.2.2) ACH50 [Target: 5.0] or CFM50/SFSA [Target: 0.30]	4.03 @ ACH50

Name of Tester/Company: Jim Ellington

Phone: 252-670-8899

Date: July 20, 2024

DUCTS:

Insulation	R- 8
Total Duct Leakage Test Result (Sect. N1103.2.2) (CFM25 Total/100SF) [Target: 6]	4.17 Combined

Name of Tester/Company:

Phone: Same As Above

Date:

CERTIFICATE TO BE DISPLAYED PERMANENTLY