

Reviewed blower door test permit number 54541

From Matt Forsyth <mforsyth@columbiacountyfla.com>

Date Tue 6/2/2026 12:22 PM

To Columbia County Building and Zoning Info <bldginfo@columbiacountyfla.com>

Envelope Leakage Test Report (Blower Door Test)

Envelope Leakage Test Report (Blower Door Test) R402.4.1.2 Compliance



Permit #:

54541

Job Information

Builder: Americas Home Place

Community:

Lot:

Address: 242 SW Godbold Ave

Unit:

City: Lake City

State: FL

Zip: 32024

Air Leakage Test Results

Passing results must be 7 ACH(50) or less

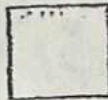
$$\frac{2,546}{\text{CFM}(50)} \times 60 = \frac{33,271}{\text{Building Volume}} = 4.6 \text{ ACH}(50)$$

Method for calculating building volume

- ☐ Retrieved from architectural drawings
- ☐ Code software calculated
- ☒ Field measured and calculated



PASS



FAIL



When ACH(50) is less than 3, Mechanical Ventilation installation must be verified by building department.

Certification of Test Results

R402.4.1.2 Testing. The building or dwelling unit shall be tested and verified as having an air leakage rate of not more than 3 air changes per hour in Climate Zones 1 and 2, 3 air changes per hour in Climate Zones 3 through 8. Testing shall be conducted by either individuals as defined in 553.993(5) or (7), F.S. or individuals licensed as set forth in Section 489.105(3)(f), (g), or (h) or an approved third party. The results of the test shall be signed by the party conducting the test and provided to the code official. Testing shall be conducted at any time after creation of all penetrations of the building thermal envelope.

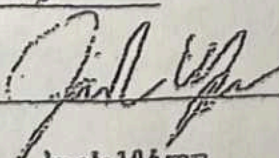
Testing Company

Company Name: Southern Home Energy Solutions

Phone: 8506301683

I hereby verify that the above Air Leakage results are in accordance with the 5th Edition Florida Building Code requirements Section R402.4.1.2, Climate Zone 1 and 2.

Date of Test: 5/28/26

Signature of Tester: 

Printed Name of Tester: Jack Wynn

License/Certification #: DET-11-07-14-0001

Issuing Authority: HSBA

* Attach Copy of Certificate