

From: Sonya North
To: Neonta Anderson
Subject: Permit 50286
Date: Thursday, January 2, 2025 10:33:29 PM

External Sender - From: (Sonya North

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Envelope Leakage Test Report (Blower Door Test)	
Residential Prescriptive, Performance or ERI Method Compliance	
2020 Florida Building Code, Energy Conservation, 7th Edition	
Jurisdiction: <u>Columbia</u>	Permit #: <u>50286</u>
Job Information	
Builder: <u>William B. Scott</u>	Community: _____
Address: <u>701 Timberline Branch Glen</u>	Unit: _____
City: <u>Lake City</u>	State: <u>FL</u> Zip: <u>32025</u>
Air Leakage Test Results	
Passing results must meet either the Performance, Prescriptive, or ERI Method	
PERFORMANCE METHOD. The building or dwelling unit shall be tested and verified as having an air leakage rate of not exceeding 7 air changes per hour at a pressure of 0.2 inch w.g. (50 pascals) in Climate Zones 1 and 2.	
<input checked="" type="checkbox"/> PERFORMANCE OR ERI METHOD. The building or dwelling unit shall be tested and verified as having an air leakage rate of not exceeding the selected ACH50 value, as shown on FORM R405-2020 (Performance) or R406-2020 (ERI), section labeled as Infiltration, sub-section ACH50.	
ACH50 specified on Form R405-2020 (Energy Calc (Performance)) or R406-2020 (ERI): <u>5.0</u>	
$\frac{1066}{\text{CFM}(50)} \times 60 \div \frac{20160}{\text{Building Volume}} = 3.17 \text{ ACH}(50)$	
<input checked="" type="checkbox"/> PASS	
<input type="checkbox"/> When ACH(50) is less than 3, mechanical ventilation installation must be verified by building department.	
R402.4.1.2 Testing. Testing shall be conducted in accordance with ANSI/ASHRAE/NCCT 380 and reported at a pressure of 0.2 inch w.g. (50 pascals). Testing shall be conducted by either individuals as defined in Section 553.09(45) or F1. Florida Statutes, or individuals licensed as set forth in Section 485.105(3)(f), (g), or (i) or an approved third party. A written report of the results of the test shall be signed by the party conducting the test and provided to the code official. Testing shall be performed at any time after creation of all penetrations of the building thermal envelope.	
During testing:	
1. Exterior windows and doors, fireplace and scove doors shall be closed, but not sealed, beyond the intended weatherstripping or other infiltration control measures.	
2. Damper(s) including exhaust, intake, makeup air, back draft and flue dampers shall be closed, but not sealed beyond intended infiltration control measures.	
3. Interior doors, if installed at the time of the test, shall be open.	
4. Exterior doors for continuous ventilation systems and heat recovery ventilators shall be closed and sealed.	
5. Heating and cooling systems, if installed at the time of the test, shall be turned off.	
6. Supply and return registers, if installed at the time of the test, shall be fully open.	
Testing Company	
Company Name: <u>TC Testing Service LLC</u> Phone: <u>386-385-2049</u>	
I hereby verify that the above Air Leakage results are in accordance with the 2020 7th Edition Florida Building Code Energy Conservation requirements according to the compliance method selected above.	
Nature of Tester: <u>Will Sikes</u>	Date of Test: <u>1-2-25</u>
Tested Name of Tester: <u>Tanya Sikes / Will Sikes</u>	
se/Certification #: <u>5059953 / 5059952</u>	Issuing Authority: <u>BPI</u>