

From: Matt Forsyth  
To: BPI  
Subject: Blower door test  
Date: Thursday, June 12, 2025 11:26:35 AM

External Sender - From: (Matt Forsyth <boc.mforsyth@icloud.com>)  
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51915

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>51915</u>	
<b>Job Information</b>			
Builder: <u>Glennwood King Community</u>		Lot:	
Address: <u>461 SW Pinehurst Dr</u>		Unit:	
City: <u>Lake City</u>		State: <u>FL</u> Zip: <u>32024</u>	
<b>Air Leakage Test Results</b>			
Passing results must meet either the Performance, Prescriptive, or ERI Method			
<input type="radio"/> <b>PRESCRIPTIVE METHOD:</b> 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="radio"/> <b>PERFORMANCE OR ERI METHOD:</b> The building or dwelling unit shall be tested and verified as having an air leakage rate of not exceeding the selected ACH(50) value, as shown on FORM R405-2020-Energy Calc. (Performance) or R406-2020-ERB: <u>7.0</u>			
ACH(50) specified on Form R405-2020-Energy Calc. (Performance) or R406-2020-ERB: <u>7.0</u>			
Method for calculating building volume:			
<input type="radio"/> Retrieved from architectural plans			
<input checked="" type="radio"/> Code software calculated			
<input type="radio"/> Field measured and calculated			
<input checked="" type="checkbox"/> <b>PASS</b>			
<input type="checkbox"/> When ACH(50) is less than 3, mechanical ventilation installation must be verified by building department.			
<b>R402.4.1.2 Testing.</b> Testing shall be conducted in accordance with ANSI/RESNET/ICC-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 553.993(5) or (7), Florida Statutes, or individuals licensed as set forth in Section 489.105(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 stove doors shall be closed, but not sealed, beyond the intended weatherstripping or other infiltration control measures.			
2. Dampers including exhaust, intake, makeup air, back draft and flue dampers shall be closed, but not sealed beyond intended infiltration 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.			
<b>Testing Company</b>			
Company Name: <u>TC Testing Service LLC</u>		Phone: <u>386-365-2049</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.			
Signature of Tester: <u>Will Sikes</u>		Date of Test: <u>6-12-25</u>	
Printed Name of Tester: <u>Tanya Sikes / Will Sikes</u>		Issuing Authority: <u>BPI</u>	
License/Certification #: <u>5059953 / 5059952</u>			

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