

2302-0158

PEG Inspection Report



- BuiltSmart
 HERS
 Energy Star
 IECC
 Pre-Drywall
 Final
 Re-Inspection

Code Edition or State Equivalent

- 2009 IECC
 2012 IECC
 2015 IECC
 2018 IECC
 2019 RCO
 6th Edition
 7th Edition
 2020 Indiana IRC

AUG 25 2023

Model: GDC00-00
 Division: SEF
 Community: MC - MCJUNKIN 60
 Lot: 0309
 Address: 7930 ROWAN TERR
 City: PARKLAND
 State: FL
 Zip Code: 33067

All deficient items, general notes, and recommendations;

Duct Leakage Testing @ 25 Pascal:

System #	Total (cfm25)	Unconditioned (cfm25)	Conditioned Area (ft ²)	Total Leakage %	Leakage to Unconditioned %
1	243	26	2641	9.2	0.98
2					
3					

Multi-Point Blower Door Infiltration Test:

Correct CFM50:	1626.73	x 60 ÷	31692	=	3.08
			Cubic Volume		ACH50

Inspection Results:

Inspection Results:	<input checked="" type="checkbox"/> PASS	<input type="checkbox"/> FAIL	<input type="checkbox"/> N/A
Duct Leakage Results:	<input checked="" type="checkbox"/> PASS	<input type="checkbox"/> FAIL	<input type="checkbox"/> N/A
Blower Door Infiltration Results:	<input checked="" type="checkbox"/> PASS	<input type="checkbox"/> FAIL	<input type="checkbox"/> N/A

**Airtightness Testing of Building & HVAC Air Distribution System is completed following ANSI/Resnet/ICC 380 as required under the IRC & IECC.*

HERS Provider: PEG LLC
 HERS Company Name: PEG LLC
 Rater/RFI Name & Number: Oluwafemi Benedict obenedict-0453377
 Builder Company Name: NVR INC
 Rater/RFI Signature:
 Date: Aug 24, 2023

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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:	Permit #:
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Job Information

Builder:	NVR INC	Community:	MC - MCJUNKIN 60	Lot:	0309
Address:	7930 ROWAN TERR			Unit:	
City:	PARKLAND	State:	FL	Zip:	33067

Air Leakage Test Results *Passing results must meet either the Performance, Prescriptive, or ERI Method*

Prescriptive 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.

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 ACH (50) value, as shown on FORM R405-2017 (Performance) or R406-2017 (ERI), section labeled as Infiltration , sub section ACH
 ACH(50) specified on Form R405-2017-Energy Calc (Performance) or R406-2017 (ERI): 7

$\frac{1626.73}{\text{CFM}(50)} \times 60 \div \frac{31692}{\text{Building Volume}} = \frac{3.08}{\text{ACH}(50)}$ <p align="center"> <input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL </p> <p><input type="checkbox"/> When ACH(50) is less than 3, Mechanical Ventilation installation must be verified by building department.</p>	<p>Method for calculating building volume:</p> <p><input type="radio"/> Retrieved from architectural plans</p> <p><input type="radio"/> Code software calculated</p> <p><input type="radio"/> Field Measured and calculated</p>
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Testing. 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 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: _____ PEG _____ Phone: _____ 703-934-2777 _____

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: _____ Date of Test: _____ Aug 25, 2023 _____

Printed Name of Tester: Oluwafemi Benedict

License/Certification #: obenedict-0453377 Issuing authority: RESNET