



# City of Marco Island

June 16<sup>th</sup>, 2017

## **Subject: HB 535 Supplemental Amendments RE: Blower Door Testing**

Reference **FBC 5th Edition 2014: Energy R402.1.2, Residential M1507 and R303.4, Commercial Mechanical 401.2 and HB 535 Supplemental amendments**

- Permits applied for **on or after July 1st, 2017** will require Blower Door Testing.
- This applies to **NEW CONSTRUCTION, ADDITIONS, or any ALTERATIONS (with limitations)** involving the building thermal envelope per FBC Existing Building 5th Edition 2014.
- Affected building types include **Residential 1 and 2 Family & Townhouses** as well as **R - 2, R - 3, and R - 4 Multi-Family dwellings up to 3 stories.**
- Blower Door Test to be conducted **AFTER** all penetrations of the building thermal envelope and immediately **BEFORE** Building Final Inspection (115).
- The acceptable range for Blower Door Test must be: **ACH (50) = 7 or LESS**
- **If ACH(50) < 3**, Mechanical Ventilation is **REQUIRED** and abatement method must be per FBC Residential 5th Edition (2014) **Table M1507.3.3(1) Continuous or M1507.3.3(2) Intermittent method** and documented on the **Compliance Report** and submitted with **Envelope Leakage Test Report** to receive a Certificate of Occupancy.
- Both the **Envelope Leakage Test Report** and the **Compliance Report** must be completed and signed by the approved individual certified for the 3rd Party testing, however the **Compliance Report** is only required when **ACH(50) < 3**.

Submit completed reports via email: [permitsubmittals@CityofMarcoIsland.com](mailto:permitsubmittals@CityofMarcoIsland.com). Please put the permit number on the subject line of the email and in the file name of the report file. Reports must be accepted and resolved by the building department prior to issuance of Certificate of Occupancy.



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- Blower Door Testing must be conducted by an **Approved 3<sup>rd</sup> Party Certified Individuals** certified as:
  - A Design Professional **OR**
  - A RESNET / BPI Certified Energy Auditor or Energy Rater **OR**
  - Individuals licensed under FS 489.105(3) (f), (g), or (i) as:
    - Class A Air Conditioning Contractor
    - Class B Air Conditioning Contractor
    - Mechanical Contractor
    - **OR** an Individual Approved by the Building Official
  - **MUST** be Registered with the Building Department showing proof of licensure and/or certification, proof of liability insurance, workman's compensation, and business tax receipt.
- Approved Standard for Blower Door Test: [ANSI / RESNET / ICC 380 – 2016](#)

Thank you,

Raul Perez  
Building Official, City of Marco Island