



GreenStreet[®]
Solutions

Customized Energy Efficiency for Your Home

**Energy
Retrofit
Test-Out Report
For
John
Public**

GreenStreet Solutions

Customized Energy Efficiency for Your Home



John Public
1234 Second St.
Yourcity, OH 43211

Dear John,

Thank you for allowing us to assist you in improving the energy efficiency of your home. As a result of completing the following recommended actions on August 13th, you have achieved measurable energy savings. You have also improved the comfort and safety of your home. Following is a recap of the recommendations which were implemented and the results of those implementations.

Reduced Home Air Leakage by 22%

You have reduced your home's air leakage by 20%. The blower door reading during the initial audit was recorded at 6,800 Cubic Feet per Minute at 50 pascals of pressure (CFM₅₀). During the test out procedures after completing the air sealing work, the blower door test measured leakage at 5,304 CFM₅₀. Sealing air leaks decreases drafts and retains heated and conditioned air in your living space for extended periods of time, keeping you comfortable longer. Air sealing also lowers your home's energy consumption by reducing the number of times your heating and cooling system are required to cycle.

Related Measures:

- Air sealing attic penetrations
- Air sealing windows/doors
- Air Sealing Basement and Crawl Space rim joist

Increased Homes Attic Insulation R-Value by 55%

You have increased your homes attic R-Value by 50%. Your attic space was previously insulated at 13 inches in moderately poor condition, (R-24), 8 inches of blown cellulose were added providing an additional R-Value of 26. At the conclusion of the attic portion of your retro fits, your attic space is now providing a consistent R-value of R-49.

Improved Security and Efficiency with Glass Block Windows

You have increased the efficiency of your home by eliminating air leaks and increasing the resistance value in your above ground basement wall structure through the replacement of your single pane metal frame basement windows with 9 new glass block windows. This installation also increases the safety and security of your home, increasing durability and home value.

Improved Indoor Air Quality and Safety

With the installation of the exhaust fan in the pet's quarters in the basement, the identified musty odors presented in the area have been eliminated. The fan is set to run at regular intervals throughout the day to assure the evacuation of stale air to the outdoors.

John, thank you for choosing GreenStreet Solutions. The measures you haven chosen to complete have all tested out at the specification levels intended from our audit in the original recommendations. . If you have any questions or concerns regarding implementation work, please contact me directly. You can rest assured that you have improved your home's energy efficiency, value, durability, comfort and safety.

When you are prepared to proceed with the remaining recommendations described in your Audit report, we are ready and look forward to helping you further enhance the efficiency, comfort, safety and value of your lovely home.

Sincerely,

Clint Cravens
Energy Auditor
GreenStreet Solutions

Image 1
Air sealed cathedral wall space



Image 2
Air sealed open chase



Image 3
Air sealed open chase



Image 4
Air sealed open chase



Image 5
Air sealed cathedral wall



Images 6 and 7
Attic Insulation Work Scope
Before additional insulation (8 inches fiberglass batt insulation) R-Value 24



After additional insulation (8 inch fiberglass batt insulation with 8+ inches of blown cellulose insulation) R-Value 49



Image 8
Completed attic insulation



Image 9
ventilation fan system



Image 10
Glass block window Replacement

