

Inger-Scott Home in Denver, Colorado



The Inger-Scott Home in Denver, Colorado

Britt and her husband Jeffrey knew that their home was uncomfortable and their energy bills were too high, but they weren't sure what to do about it. Their home was too hot in the front and in the back the temperature was either too hot or too cold.

Home Facts

- Single Story Ranch
- Built in 1969
- Occupied by two adults and one child

Their Home Energy Makeover

COMPREHENSIVE HOME ASSESSMENT

Lightly Treading used diagnostic equipment to conduct an initial home assessment. They found that air was leaking through the attic, crawlspace, under the bathtub, and all of the recessed lights. Lightly Treading determined what repairs would have the greatest impact based on projected energy savings.

INSULATION & AIR SEALING

The existing insulation in the attic was in poor condition and there were many areas that were not insulated at all. Stellar Windows and Insulation removed the existing insulation in the attic in order to properly air seal. They air sealed the top plates, wire penetrations, and other openings. Applegate Insulation provided the new blown cellulose insulation which Stellar Windows and Insulation installed to a R-60 level.

In the home's crawlspace, Stellar Windows and Insulation air sealed the infiltration leaks, insulated the walls, and sealed the floor with a vapor barrier lining.

The recessed lights were extremely leaky Stellar Windows and Insulation installed new airtight trim packages and replaced the lighted with efficient CFL bulbs.

HEATING & COOLING

Blue Sky Heating & Plumbing removed the over 30 year old, 65% efficiency gas furnace and replaced it with a 98% efficient variable speed unit provided by Lennox Industries.

A Lennox Comfortsense 7000 programmable thermostat that can be programmed allowing for more energy savings was also installed.

ADDITIONAL UPGRADES

Champion Windows replaced the existing vinyl double pane and single pane aluminum windows with new ENERGY STAR rated windows. They ensured that the windows were sealed to reduce air leaking and properly flashed to ensure proper water drainage.

The Blind Spot installed Hunter Douglas Architella Window Coverings on the windows. These window coverings provide additional insulation value.



Improvement Package

Air Sealing & Insulation Package
HVAC System & Installation
Additional Upgrades

Total Cost of Contributions = \$10,000

Makeover Team

Comprehensive Home
Assessment and
Quality Assurance
Testing provided by:



www.lightlytreading.com

Quality Assurance
Support
provided by:



www.bpi.org

General Contracting, Insulation Removal
& Installation, Air Sealing, Crawlspace
Insulation and Lighting Measures
provided by:



www.energy-contractors.com/windows-insulation-denver

Cellulose Insulation
provided by:



www.applegateinsulation.com

Heating & Cooling System
provided by:



www.lennox.com

Heating & Cooling System
installed by:



www.blueskyplumbing.com

Windows provided and
installed by:



www.championwindow.com

Cellular Window Blinds
provided by:



www.hunterdouglas.com

Cellular Window Blinds
installed by:



www.theblindspot.biz

Contest Administration provided by:



www.xcelenergy.com



www.egia.org



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