COMFORT

Background

One of our recent clients had lived in her home for twenty years and was never able ever to heat it above 60 degrees in the winter.

Root Causes

During the Home Energy Audit, we found poorly installed insulation in the attic, an air leakage rate of 60% per hour, ducts where 40% of the air was lost through cracks, no insulation in her crawlspace and a significantly oversized furnace.

Solutions

We air sealed all her leaks to stop the air she was paying to condition from leaking out of her house.

Then we installed attic and crawl insulation to Quality-Installation Insulation specifications to ensure she was getting complete value from her insulation. We used our infrared camera to find and seal the leaks in her ducts. All of this fundamental work cut her heating load in half, enabling us to add a smaller and more efficient properly sized furnace to finish her project.

Results

When we checked in with the homeowner over the winter she happily told us her home was at a cozy 72 degrees.

This client was at first nervous about committing to a Green Energy Remodeling project. What convinced her was the fact that she was sick of being cold in winter. Recurve's approach — because it's based in building science — gave her the confidence to go forward with the project. Today, her house is warm in the winter for the first time in 20 years.