



Residential

THE COMPANY

BlueThermal is a division of Machin Engineering, LLC – a licensed civil engineering firm. BlueThermal uses thermographic imaging to “see” moisture intrusion(s), insulation issues, electrical and mechanical malfunctions, and determine energy efficiency.

THE INSPECTION

BlueThermal completed an infrared scan inspection on behalf of the contractor hired by the owner to remodel portions of their home. We focused on both the interior and exterior of the residence. The scan included the interior areas of the walls, ceilings, windows, and doors, and the exterior of the residence.

The 2 hour inspection discovered conditions that were less than favorable. Discovered were:

- Two separate roof leak locations
- Incorrectly installed insulation
- Missing insulation in chimney chase
- Moisture behind the cement board siding
- Air infiltration

THE RESULTS

The contractor was provided the findings in a detailed report showing them where additional focus should be directed for increased energy efficiency in the home. This process enabled the parties involved to provide a process for discovery on an economically efficient basis.

