



INFRARED ENERGY AUDIT



Any city, Ma. 01844

Date:11/29/07

Time of Day:2:30 PM

Ambient Temperature:70 deg. F (inside)

Wind Speed:N/A

Interior Only

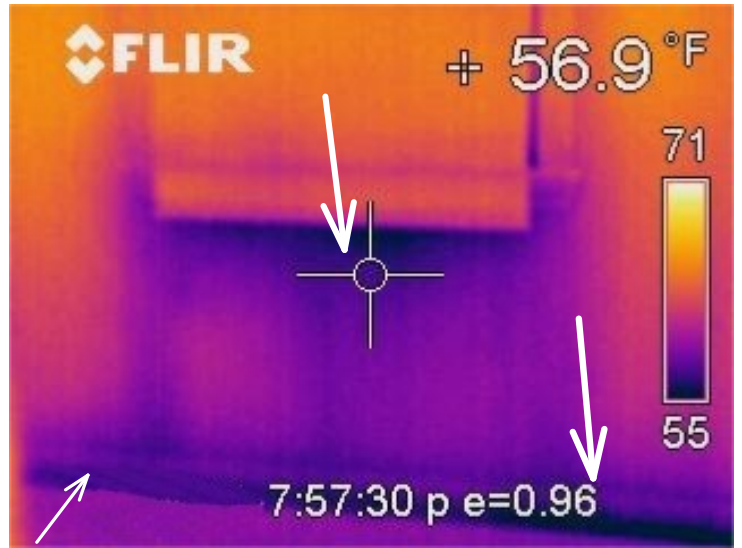
INFRARED IMAGING REPORT



Location Floor: 1st Floor
 Room: Dining room
 Location Direction: Facing right side of house
 IR Camera Used: B-2 ThermaCam E-series

Observations:

Note the excessive cold air infiltrating at the dark shaded areas. This shading is indicative of inadequate insulation inside the ceiling cavity. I recommend an insulation contractor evaluate and estimate costs of installing insulation into this concealed area.



Location Floor: 1st Floor
 Room: Family room
 Location Direction: Facing right side of house
 IR Camera Used: B-2 ThermaCam E-series

Observations:

Note the excessive cold air infiltrating at dark shaded areas below the window. Insufficient or settled insulation installed inside the wall cavities of this area. I recommend an insulation contractor evaluate and estimate costs of installing insulation in this area in order to improve efficiency.

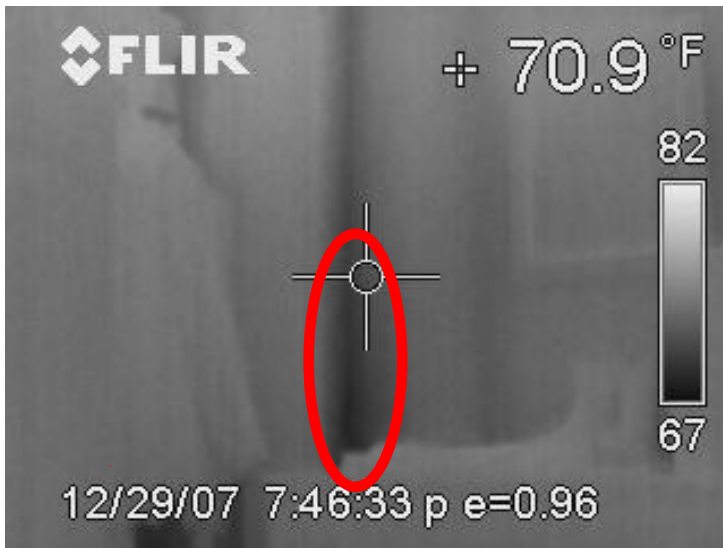
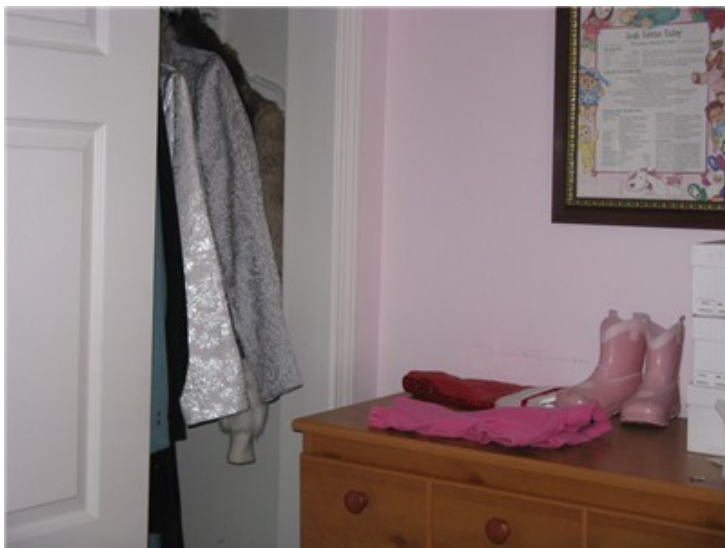
INFRARED IMAGING REPORT



Location Floor: 2nd Floor
 Room: Master Bedroom
 Location Direction: Facing front of house
 IR Camera Used: B-2 ThermaCam E-series

Observations:

Note the cold air (dark shade) infiltrating at the top left corner of this wall. This shading is indicative of inadequate or settled insulation inside the wall cavity. I recommend an insulation contractor evaluate and estimate costs of installing insulation in this particular area in order to improve efficiency.



Location Floor: 2nd Floor
 Room: Bedroom at right side of house
 Location Direction: Facing rear of house
 IR Camera Used: B-2 ThermaCam E-series

Observations:

The darker shade in the lower corner is indicative of air infiltration in this area. Corner transition areas are the most complex component of a building envelope to insulate. These areas are typically inefficient due to the Builders installing a four-stud corner, where the two exterior walls come together. This creates an air pocket behind the corner studs which leaves this corner with all wood and no insulation.

INFRARED IMAGING REPORT



Location Floor: 2nd Floor
 Room: Bedroom at right side of house
 Location Direction: Facing right side of house
 IR Camera Used: B-2 ThermaCam E-series

Observations:

Note the colder area (dark shade) on top of this window and throughout the wall. These areas are typically colder due to the installation of the header members and studs, which are conducting cold air from the exterior. Insulation cannot be installed at headers because there's no cavity. When insulation is installed in the wall cavities, it goes between the studs only. So the studs themselves conduct cold air from the exterior.

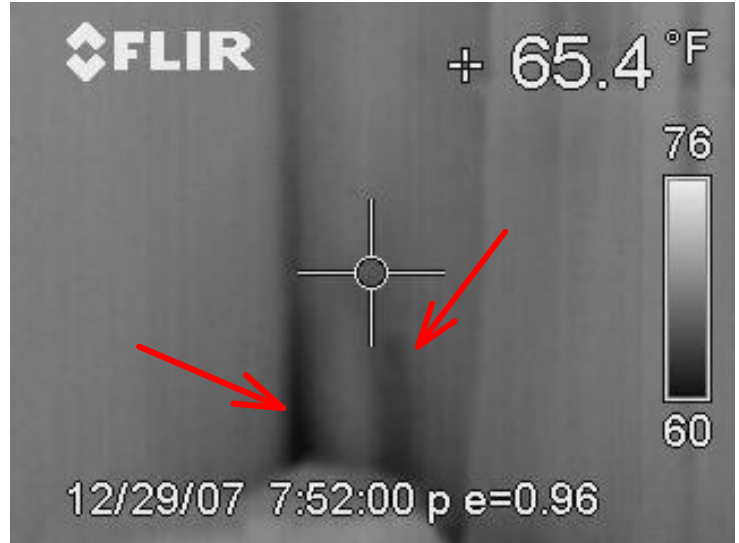


Location Floor: First Floor (1st)
 Room: Living room
 Location Direction: Facing front of house
 IR Camera Used: B-2 ThermaCam E-series

Observations:

Note darker shaded areas where cold air is infiltrating. There is Insufficient insulation in this area. I recommend an insulation contractor evaluate and estimate costs of installing insulation in this area. Spray foam may be considered.

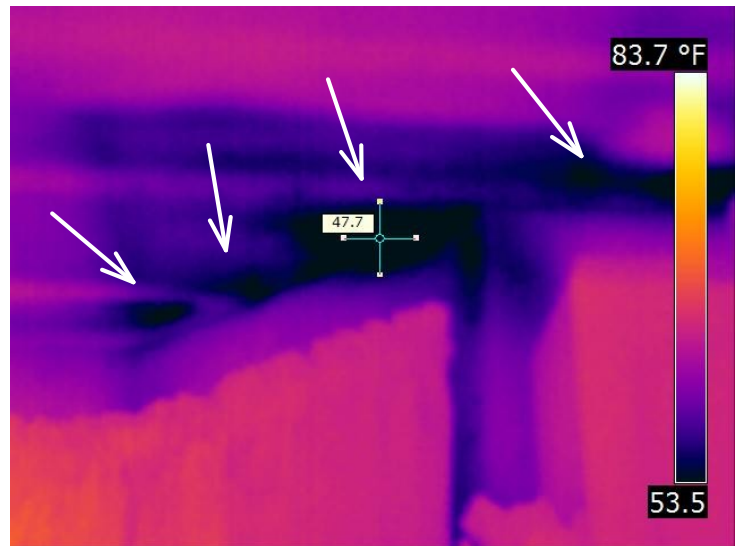
INFRARED IMAGING REPORT



Location Floor: 2nd Floor
 Room: Master Bedroom
 Location Direction: Facing front of house
 IR Camera Used: B-2 ThermaCam E-series

Observations:

Note the cold air (dark shaded area) infiltrating at the lower corner of this room and outlet. This shading is indicative of inadequate insulation. May consider upgrading this area with a foam insulation.

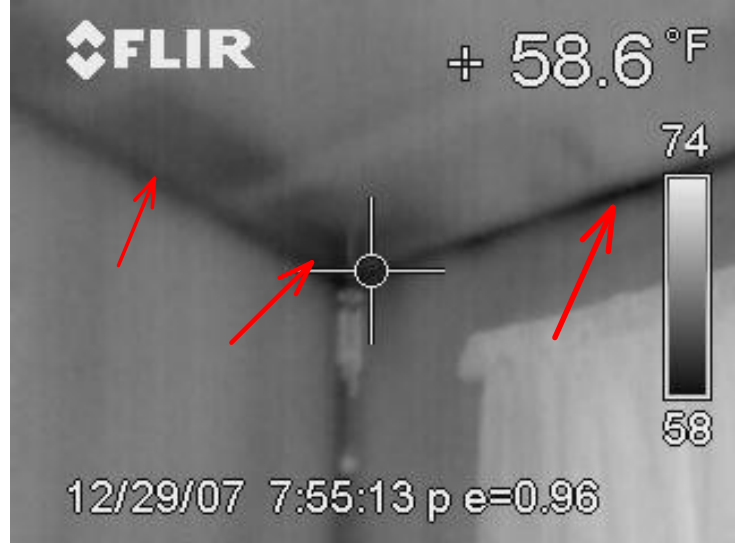


Location Floor: 1st Floor
 Room: Kitchen
 Location Direction: Facing rear of house
 IR Camera Used: B-2 ThermaCam E-series

Observations:

Note the cold air infiltrating at the dark shaded areas. Insufficient insulation installed in this area. I recommend an insulation contractor evaluate and estimate costs of installing insulation in this particular area.

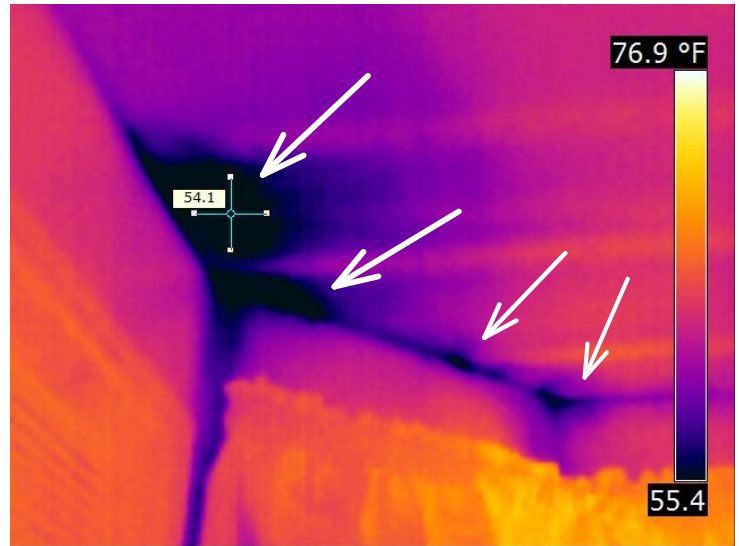
INFRARED IMAGING REPORT



Location Floor: 1st Floor
 Room: Family room
 Location Direction: Facing front of house
 IR Camera Used: B-2 ThermaCam E-series

Observations:

Note the cold air (dark shade) infiltrating at the top corner of this room. This shading is indicative of inadequate insulation. I recommend an insulation contractor evaluate and estimate costs of installing insulation in this particular area.

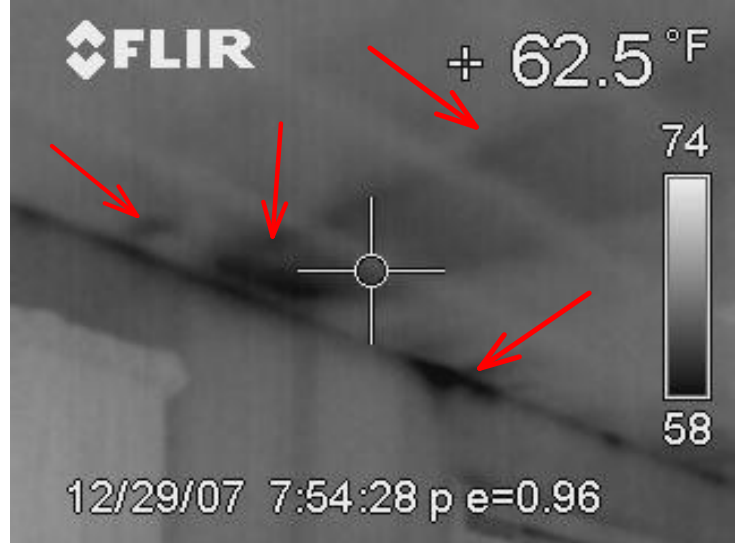


Location Floor: 1st Floor
 Room: Kitchen
 Location Direction: Facing rear of house
 IR Camera Used: B-2 ThermaCam E-series

Observations:

Note the cold air infiltrating at dark shaded areas. Insufficient insulation installed in this area. I recommend an insulation contractor evaluate and estimate costs of installing insulation in this particular area.

INFRARED IMAGING REPORT



Location Floor: 1st Floor
Room: Family room
Location Direction: Facing front of house
IR Camera Used: B-2 ThermaCam E-series

Observations:

Note the cold air infiltrating at dark shaded areas. This shading is indicative of inadequate insulation. Consider upgrading this area with additional insulation, in order to improve efficiency. I recommend an insulation contractor evaluate and estimate costs of installing insulation in this area.