

**FEDERAL
CONSERVATION CORP.**

IR Division

(800) 675-1660
P.O. Box 1023
Amityville, NY 11701

Infrared Inspection Report

Location:	
Date:	
Time:	
Temperature:	35° F
Wind:	7mph (variable)

Prepared for

Summary:

The following report outlines the findings of the infrared inspection performed within the living space of ,, of ,,. Deficiencies in the thermal and pressure boundaries were located in both the basement and first floor of the home. In order of greatest potential; the attic, exterior wall cavities, rim joist, and door seals, should be targeted for home performance upgrades to improve efficiency and improve occupant comfort.

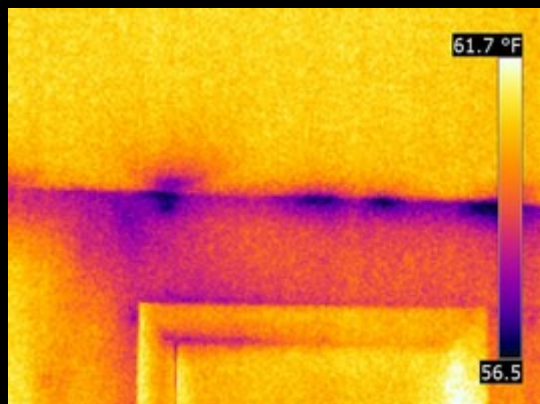


Image Number:	778
Location:	Basement Living Area
Description/Findings:	Air leakage observed from rim joist
Suggestions:	Seal and insulate rim joist



Image Number:	782
Location:	Basement Living Area
Description/Findings:	Air leakage observed at joint where brick meets Sheetrock wall
Suggestions:	Caulk/seal all joints

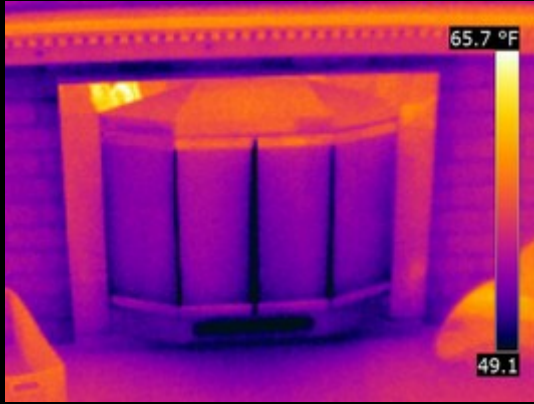


Image Number:	786
Location:	Basement Living Area
Description/Findings:	Air leakage observed from fireplace
Suggestions:	Repair flue seal or install inflatable balloon to reduce air leakage from chimney



Image Number:	784
Location:	Basement Living Area
Description/Findings:	Air leakage observed around door, window frames, and molding
Suggestions:	Replace door weatherstripping Caulk/seal all joints

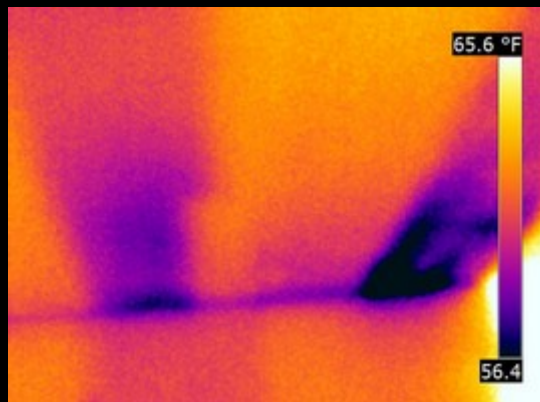


Image Number:	798
Location:	Basement Living Area
Description/Findings:	Heat loss and air movement observed in ceiling and wall cavities
Suggestions:	Seal rim joist and insulate exterior walls Repair broken exhaust flappers at exterior of home

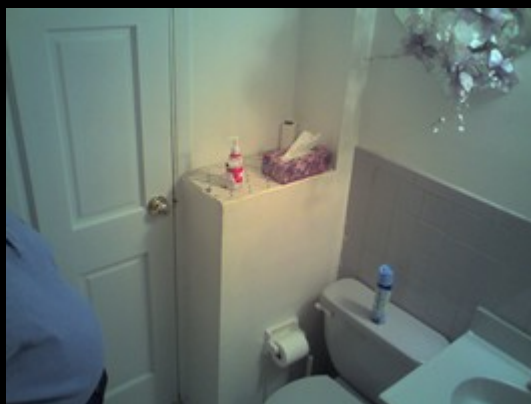


Image Number:	826
Location:	Basement Bathroom
Description/Findings:	Uninsulated wall cavity
Suggestions:	Insulate exterior wall

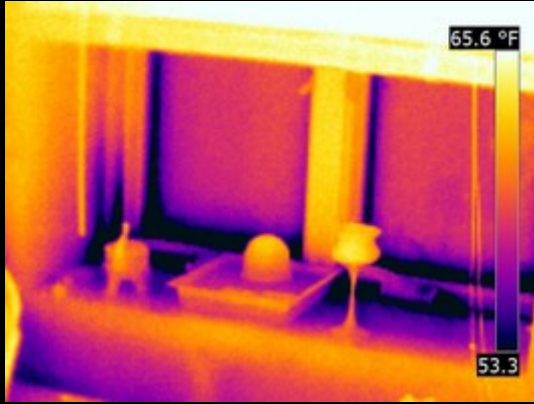


Image Number:	828
Location:	Basement Kitchen Area
Description/Findings:	Uninsulated wall area Air leakage from window frame
Suggestions:	Insulate exterior wall and window sill area Caulk window molding



Image Number:	836
Location:	Basement Kitchen Area
Description/Findings:	Air leakage from range hood Uninsulated wall cavity
Suggestions:	Seal exterior exhaust flapper Insulate exterior wall



Image Number:	840
Location:	Basement Kitchen Area
Description/Findings:	Significant air leakage from exterior kitchen door
Suggestions:	Replace weatherstripping

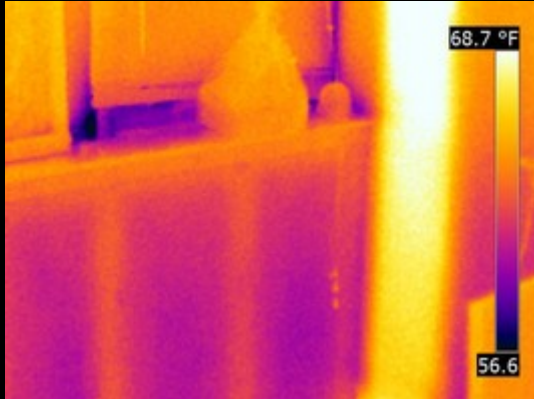


Image Number:	842
Location:	Basement Office Area
Description/Findings:	Uninsulated exterior walls Uninsulated duct within exterior wall cavity
Suggestions:	Insulate exterior walls If possible: re-route duct work to an interior wall

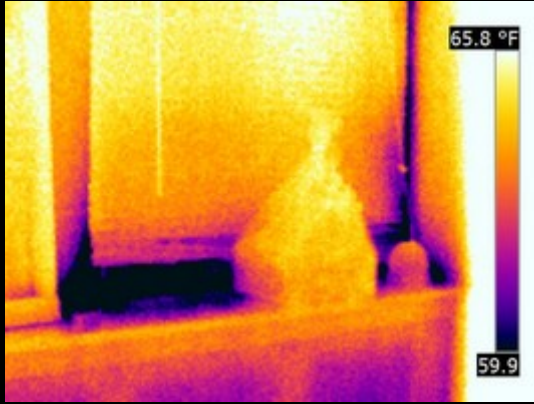


Image Number:	844
Location:	Basement Office Area
Description/Findings:	Significant air leakage from window
Suggestions:	Check seals and caulk molding



Image Number:	852
Location:	Basement Office Area
Description/Findings:	Air leakage from electrical socket located on exterior wall
Suggestions:	Insulate exterior walls Install socket gasket

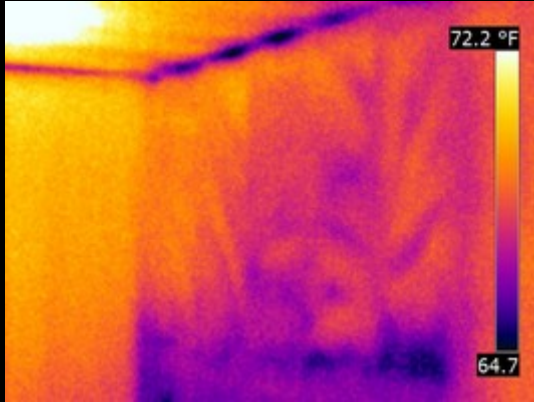


Image Number:	856
Location:	1 st Floor Living Area
Description/Findings:	Inadequate insulation above front door Wind-Washing from attic soffit vents
Suggestions:	Insulate exterior walls Install baffling in attic

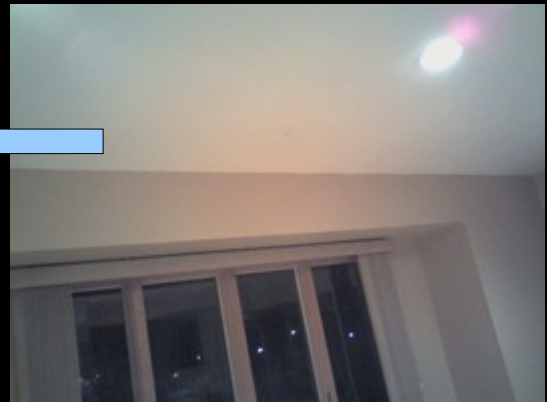
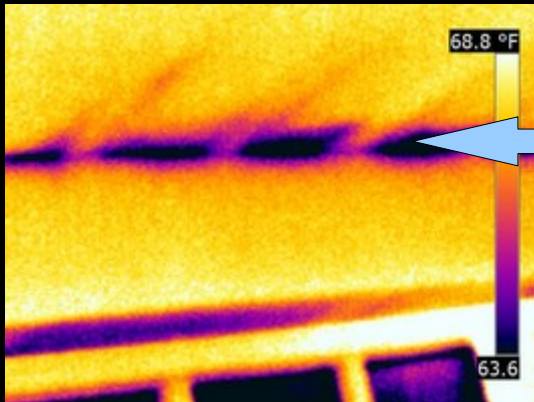


Image Number:	864
Location:	1 st Floor Living Area
Description/Findings:	Wind-Washing from attic soffit venting
Suggestions:	Install baffling in attic to properly direct attic ventilation

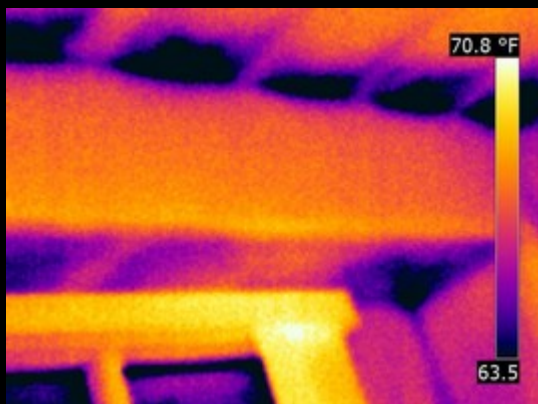


Image Number:	866
Location:	1 st Floor Living Area
Description/Findings:	Inadequate/Missing insulation in window soffit area
Suggestions:	Insulate exterior walls and window soffit



Image Number:	872
Location:	1 st Floor Living Area
Description/Findings:	Inadequate/Missing insulation in exterior walls Air infiltration from rim joist area (bottom)
Suggestions:	Insulate exterior walls Seal rim joist



Image Number:	878
Location:	1 st Floor Dining Area
Description/Findings:	Rafter cavity completely missing insulation
Suggestions:	Air seal and insulate attic flat

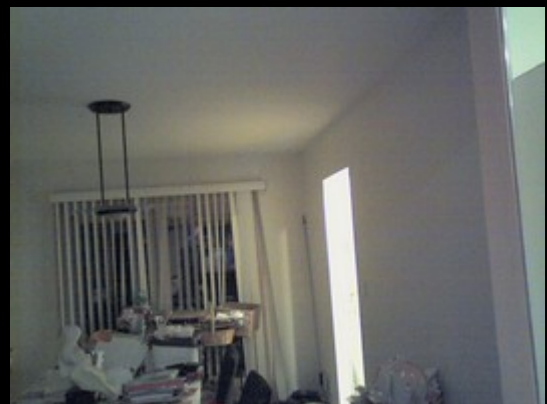
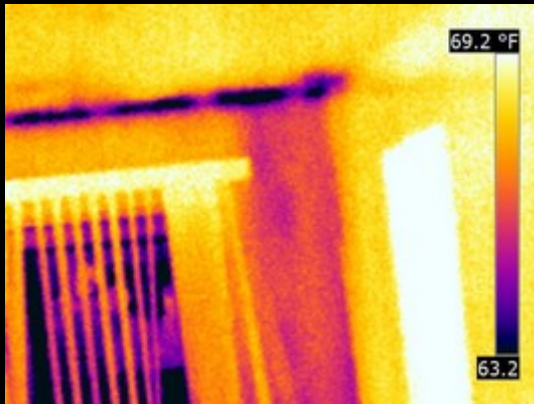


Image Number:	880
Location:	1 st Floor Dining Area
Description/Findings:	Inadequate/Missing insulation in exterior wall
Suggestions:	Insulate exterior walls

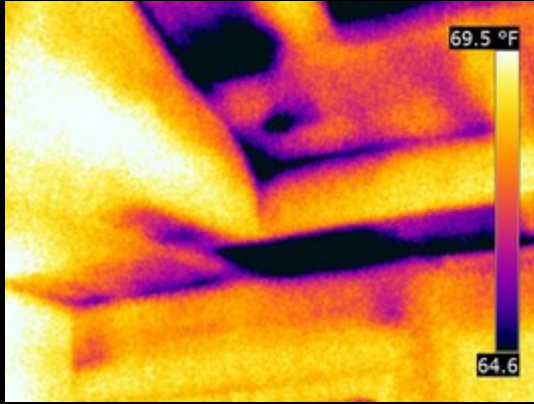


Image Number:	894
Location:	1 st Floor Kitchen Area
Description/Findings:	Missing and inadequate insulation observed in cathedral ceiling areas
Suggestions:	Insulate and encapsulate knee wall space bordering skylight

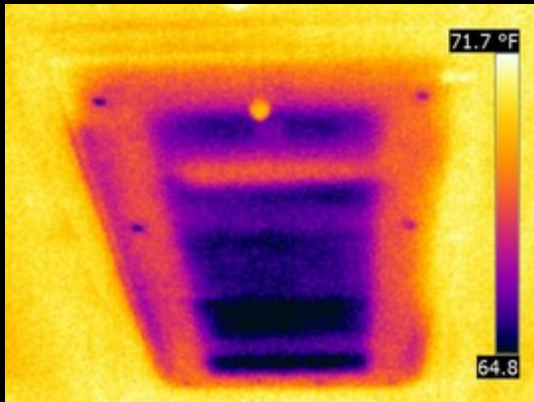


Image Number:	896
Location:	1 st Floor Hallway
Description/Findings:	Uninsulated pull-down attic staircase
Suggestions:	Install an insulated pull-down staircase or “Tent” to seal and insulate stairway

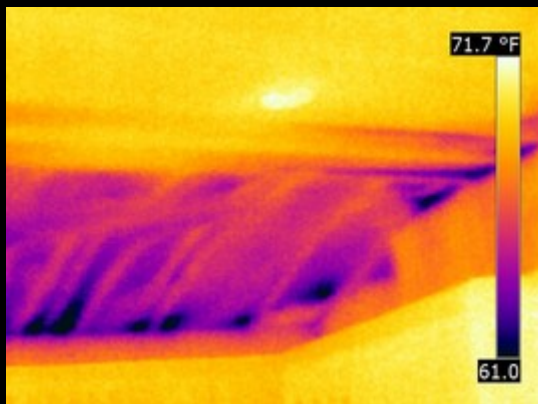


Image Number:	904
Location:	1 st Floor Master Bedroom
Description/Findings:	Slanted ceiling area with poor insulation and significant air leakage
Suggestions:	Insulate ceiling area and correct ventilation



Image Number:	908
Location:	1 st Floor Bedroom
Description/Findings:	Significant air leakage from window
Suggestions:	Check window seals and caulk window molding

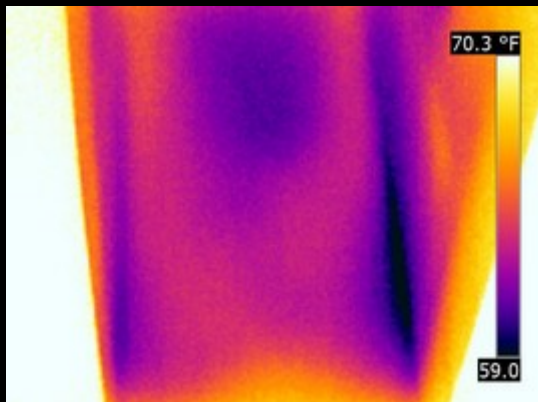


Image Number:	914
Location:	1 st Floor Bathroom
Description/Findings:	Uninsulated skylight knee wall
Suggestions:	Insulate and encapsulate skylight knee wall insulation

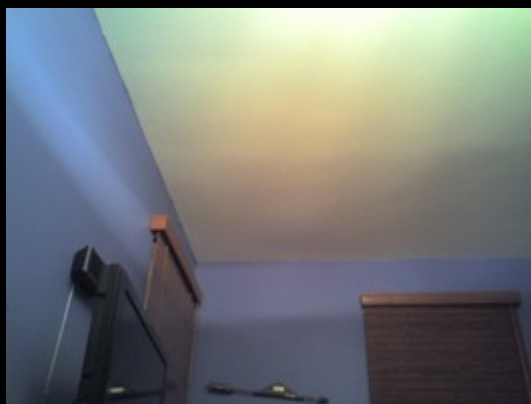
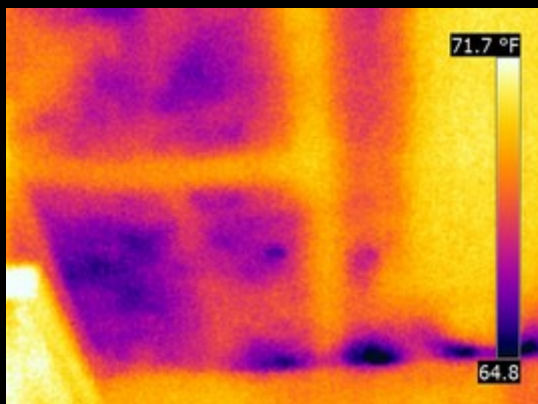


Image Number:	918
Location:	1 st Floor Bedroom – Son
Description/Findings:	Missing insulation in attic
Suggestions:	Air seal and insulate attic flat

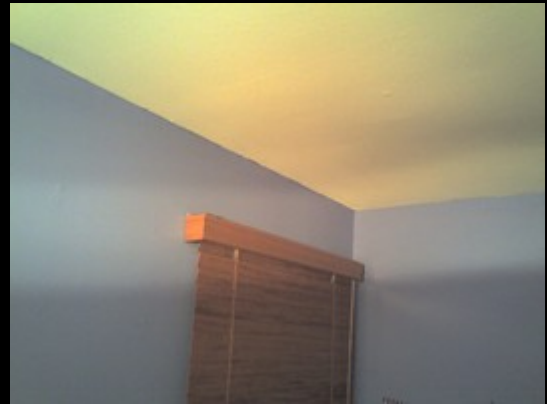
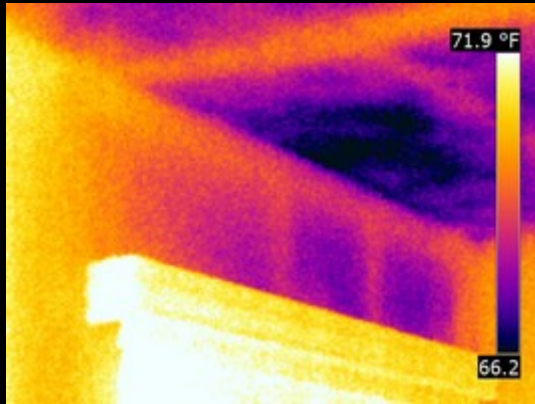


Image Number:	924
Location:	1 st Floor Bedroom – Son
Description/Findings:	Missing insulation observed in attic and above window
Suggestions:	Air seal, insulate, and correct venting of attic flat Insulate exterior walls