

Exhibit "A"

1970 Ranch 1308 Sq Feet with oil Forced water heat 4 occupants Using 1,043 Gallons oil a year for heat and Hot water. Modeled using Nationally certified by DOE software

RECOMMENDED IMPROVEMENTS



Customer: 1308 sq Ranch 4 Occupants

This report addresses the key recommendations for improving the comfort, safety and efficiency of your home.

Annual Cost Savings by Improvement in Recommended Packages

Improvement Description	Non-energy benefits	Improvement Cost	Basic Package	Improvement Package 3	Improvement Package 1
<p>Window Replacement Triple Pane:</p> <p>Install 14 triple pane clear windows with wood/vinyl frame.</p>	<p>Improve comfort (reduce drafts), increase value of building.</p>	➔ \$ 11,200			\$ 33/yr
<p>Boiler Replacement w 88% efficiency:</p> <p>Install new oil #2 75,000 Btu/hr boiler with efficiency of 88.0%.</p>	<p>Increase equity.</p>	➔ \$ 6,500		\$ 195/yr	\$ 205/yr
<p>Indirect Fired Hot Water:</p> <p>Install new oil #2 40 gallon 75000 Btu/Hr hot water heater with energy factor of 0.80 and recovery efficiency of 85.0%.</p>	<p>Increase value of building.</p>	➔ \$ 3,000			\$ 168/yr
<p>Instantaneous H2O:</p> <p>Install new oil #2 2 gallon 45000 Btu/Hr hot water heater with energy factor of 0.87 and recovery efficiency of 88.0%.</p>	<p>Increase value of building.</p>	➔ \$ 3,000		\$ 206/yr	
<p>Basement wall Thermax Insulation 1:</p> <p>Upgrade 969 square feet of existing wall to 2" High Density Foam, 8" Block, R-14</p>	<p>Improve comfort, increase value of building.</p>	➔ \$ 2,907	\$ 457/yr	\$ 380/yr	\$ 400/yr

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<p>Attic Insulation Upgrade:</p> <p>Upgrade 1,308 square feet of existing ceiling to Gyp Bd, 2x6 24" OC, 24" Cellulose, R-80</p>	<p>Improve comfort, increase value of building.</p>	<p>➔ \$ 2,616</p>	<p>\$ 172/yr</p>	<p>\$ 143/yr</p>	<p>\$ 151/yr</p>
<p>Heated Area Infiltration Reduction (drafts seal):</p> <p>Reduce overall air leakage of heated area from 1910 CFM50 to 1300 CFM50.</p>	<p>Reduce drafts.</p>	<p>➔ \$ 1,000</p>	<p>\$ 185/yr</p>	<p>\$ 154/yr</p>	<p>\$ 162/yr</p>
<p>Unheated Area Infiltration Reduction 1:</p> <p>Reduce infiltration of Unconditioned basement to 0.1 ACH.</p>	<p>Reduce drafts.</p>	<p>➔ \$ 300</p>	<p>\$ 31/yr</p>	<p>\$ 26/yr</p>	<p>\$ 27/yr</p>
<p>Thermostat Improvement 1:</p> <p>Install 1 programmable heating-only thermostat.</p>	<p>Improve comfort, improve convenience.</p>	<p>➔ \$ 80</p>	<p>\$ 120/yr</p>	<p>\$ 99/yr</p>	
<p>1.75 Gpm Showerhead, 1.5 Gpm Aerator:</p> <p>Install 1 low flow devices</p>	<p>Reduce water use.</p>	<p>➔ \$ 40</p>	<p>\$ 132/yr</p>	<p>\$ 118/yr</p>	<p>\$ 119/yr</p>
Total Annual Energy Cost Savings			\$ 1,098 /yr	\$ 1,322 /yr	\$ 1,264 /yr
Total Installed Cost			\$ 6,943	\$ 16,443	\$ 27,563
Monthly Loan Payment at 9.50%, 12-year Term			\$ 81	\$ 192	\$ 321
Estimated Monthly Cash Flow After Energy Savings			\$ 10.49	\$ -81.60	\$ -216.14
Simple Annual Payback, Years			6.3	12.4	21.8
Savings to Investment Ratio			2.9	1.7	0.9

The following fuel prices were used to estimate annual energy cost savings, payback and savings to investment ratio:

- Natural gas: 1.4500 \$/Therm
- Electricity: 0.1590 \$/kWh
- Propane: 2.7900 \$/Gallon
- Oil #2: 2.5900 \$/Gallon