Ceiling
- Insulated throughout with R-38 batting, February 2018
- Bathroom Fan Vent, replaced and caulked, February 2018
- Chimneys (decommissioned) are sealed with batting at both ends (main floor and attic)
- Sewer vent pipe, sealed at crawl space, attic and roof deck with caulk and expanding foam, February 2018
- Expanding foam used elsewhere as necessary, February 2018

Attic Ventilation
- Roof Vents inspected, February 2018

Crawl Space
- Insulated throughout to semi-conditioned with installation of 6 mil poly on ground and up to band and closed-cell foam on perimeter walls and band, February 2018

HVAC
- Routine maintenance inspections are performed twice per year, summer and winter, to check refrigerant levels, coils, supply and returns,
- Filter changed every 1-3 months as needed
- New, programmable thermostat installed, February 2018
- All ducts inspected, February 2018

Water Heater
- EEMAX inline, tankless water heater installed, February 2018
- Water temperature set at 120 degrees F.
- Energy consumption when not in use = 0

Windows
- Windows replaced with Energy Star rated windows, February 2018

Lights
- All lighting is LED, including exterior, February 2018

Parking Lot
- Installed permeable parking for 4-5 vehicles, retention capacity = 2470 gallons, February 2018
**Kill-A-Watt Meter Measurements**

<table>
<thead>
<tr>
<th>ITEM</th>
<th>Usage</th>
<th>Per Month (kwh)</th>
<th>Cost Per Month</th>
</tr>
</thead>
<tbody>
<tr>
<td>Laptop</td>
<td>.08 kwh / 24 hours</td>
<td>2.4</td>
<td>$ 0.29</td>
</tr>
<tr>
<td>Printer</td>
<td>.09 kwh / 24 hours</td>
<td>2.7</td>
<td>$ 0.32</td>
</tr>
<tr>
<td>Dishwasher*</td>
<td>0.33 kwh / 1 hour (x2 hours per week)</td>
<td>2.838</td>
<td>$ 0.34</td>
</tr>
<tr>
<td>Microwave</td>
<td>.04 kwh / 2 min cycle (2 min per day)</td>
<td>1.2</td>
<td>$ 0.14</td>
</tr>
<tr>
<td>Refrigerator*</td>
<td>.01 kwh / 15 min ~ 14.4 kwh / 24 hours</td>
<td>432</td>
<td>$ 51.84</td>
</tr>
<tr>
<td>Clothes Dryer</td>
<td>4.4 kwh / week</td>
<td>18.92</td>
<td>$ 2.27</td>
</tr>
<tr>
<td>Water Heater†</td>
<td>6 kwh / week</td>
<td>25.8</td>
<td>$ 3.10</td>
</tr>
</tbody>
</table>

* Energy Star Rated  
† In-Line Tankless  
^ Estimated from Appliance Data

**Infrared Thermometer**

- Outdoor Temperature: 59 F
- Thermostat Setpoint: 64 F
- Ceiling Temps: 64.9 F
- Exterior Walls (average): 63.4 F
- Floors (average): 62.8 F

*There were no areas of significant variability, including windows, doors, fireplaces.

**FootCandle Meter**

- Entry Room Light Fixture = 35
- All Office Light Fixtures = 80
- Entry Room Window = 156
- Central Office Window = 136
- Side Office Window = 110
- Rear Office Window/Door = 239

Fixtures = LED / Windows = natural light, some with sheer curtains

**Refrigerator Thermometer**

Temperature = 40 F