



# Sustainability Efforts

**Recycled Wood**  
reused creatively throughout the building

**Lighting Dimmers + Occupancy Sensors**  
manage high efficiency LED lighting,  
which is 35% more efficient than standard

**Solar Thermal Hot Water**  
saves 3,237 kilowatt-hours annually,  
equal to almost 5 refrigerators

**Reflective White Roof**  
reduces the property's temperature

**Clerestory Windows**  
enhance daylighting

**Solatubes**  
enhance daylighting

**Rainwater Collection Cisterns**  
collects up to 136,500 gallons/year  
to nourish the garden

**Reused, Thermally Improved  
Exterior Walls + Concrete Floors**

**Recycled Three  
Compartment Sink**  
in kitchen

**Reclaimed Wood**  
former gym floor from  
Durham Academy

**High Performance  
Window Glazing**  
reduces heat loss, providing  
less drafts and cold spots

**High Efficiency Water Closets,  
Lavatories and Showers**

**High Performance  
Insulation**

reduces energy use by  
conserving the indoor environment

**Noninvasive Preservation  
of the Garden**

Our shared goal was to reuse a portion of the existing building and expand the useable space in a way that would preserve the garden. To achieve these goals, sustainable building techniques were implemented in the design and construction of the building.