



## Sustainability at Clough Commons



### Water Efficiency

Water harvested from a 1.4 million gallon cistern, one of the largest in the U.S., is reused for toilet flushing and water efficient landscaping.

### Innovation in Design

An interactive sustainability dashboard displays water and energy usage in real time.

### Materials and Resources

Construction materials were transported from a 500-mile radius to minimize fossil fuel consumption. Additionally, materials were managed sustainably through on-site recycling, which diverted 75% of construction by-products from a landfill.

### Sustainable Sites

The building is oriented to maximize the control of daylight. Open green space is maximized with Tech Green. The green roof minimizes and filters stormwater runoff, as well as reduces the “heat island effect.” A changing room and bike storage are available to staff to reduce automobile usage.

### Energy and Atmosphere

Rooftop solar panels provide on-site renewable energy. The mechanical system uses refrigerants with low ozone depleting potential and low global warming potential. A combination of smart lighting techniques is used, including daylight harvesting and motion sensors.

### Indoor Environmental Quality

A healthy indoor environment is created through dynamic Carbon Dioxide monitoring and the delivery of outdoor air. Low-emitting materials minimize harmful volatile organic compound exposure from adhesives, sealants, carpets, paints and coatings.

### Fast Facts:

Green roof garden

Landscape paving design reduces island heat effect

Smart lighting systems

1.4 million gallon cistern

89% projected water reuse

Interactive sustainability dashboard

Solar array

Radiant floor heating systems

Fully enhanced measurement and verification program

Locally sourced materials

Day-lit spaces

39 species of native plants used for landscaping

Rooftop design maximizes water collection

360 photovoltaic panels produced by Suniva

30 solar thermal panels