The Woodlawn is a mixed use residential and commercial property in Portland, Oregon that is LEED Platinum certified. The structure includes rain water harvesting, green walls and roof, and recycled building materials that contribute to their LEED certification.

During rain storms, water from the roof is collected in a 9,000 gallon concrete cistern. A BaseStation 3200 irrigation controller with an integrated Munro pump system draws water from the cistern to irrigate the green walls and roof.

Baseline soil moisture sensors monitor the top, middle, and bottom of the green walls.

Using multiple start times and the Lower Threshold watering strategy, the BaseStation 3200 maintains the desired moisture content in each panel of the green wall.

PRODUCT LIST
- BaseStation 3200™ Irrigation Controller
- biSensor™ Soil Moisture Sensors
- Munro Systems StandAlone Pump Station

SolTerra’s VeraWall™
- Patented living wall system
- Lightweight
- Modular

The Woodlawn

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