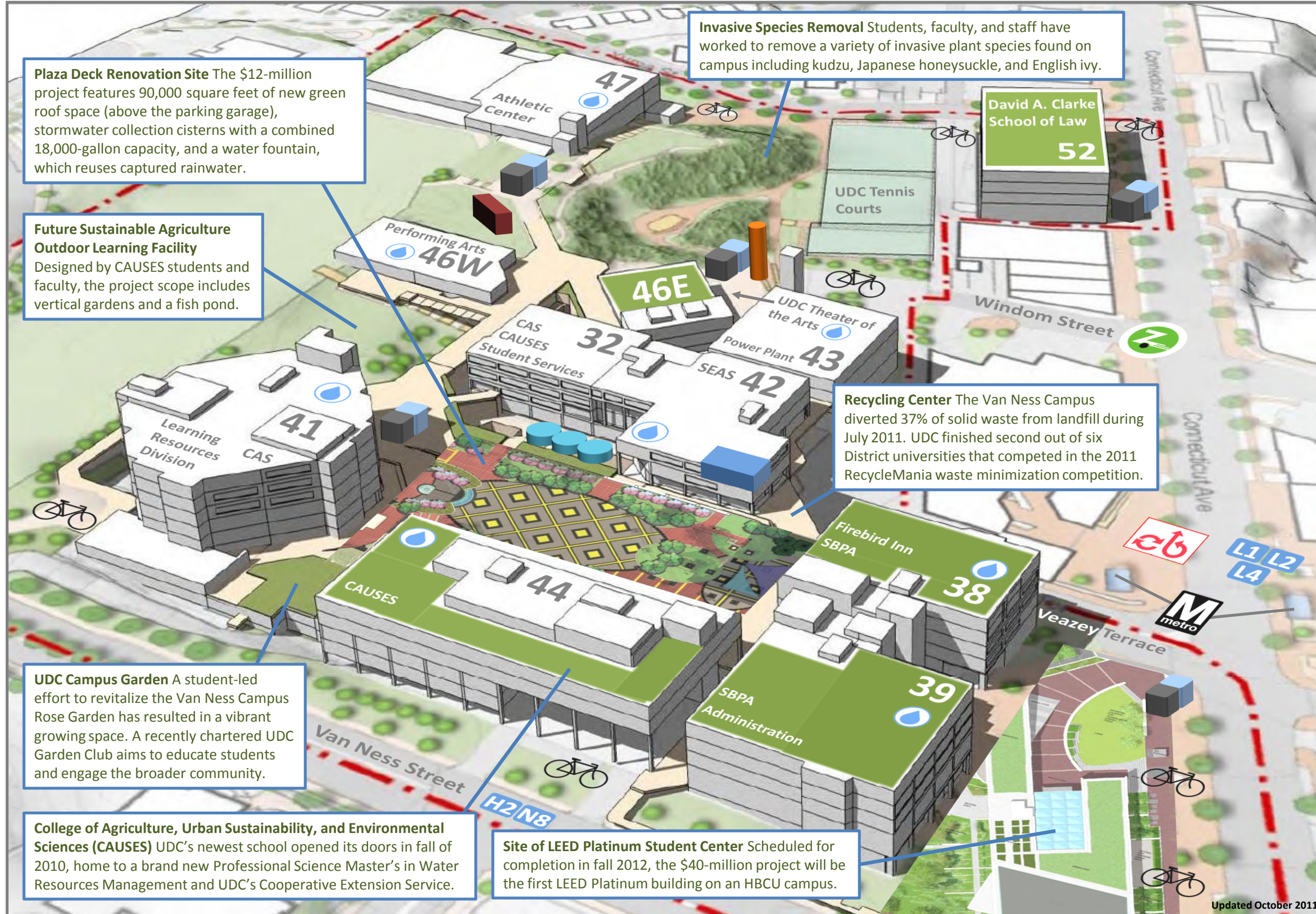


Van Ness Campus Sustainability Map

“Our goal is to serve as a sustainability leader among institutions of higher education and as a national model for urban sustainability in both campus operations and educational offerings.” – UDC President Allen L. Sessoms, PhD



Plaza Deck Renovation Site The \$12-million project features 90,000 square feet of new green roof space (above the parking garage), stormwater collection cisterns with a combined 18,000-gallon capacity, and a water fountain, which reuses captured rainwater.

Future Sustainable Agriculture Outdoor Learning Facility Designed by CAUSES students and faculty, the project scope includes vertical gardens and a fish pond.

UDC Campus Garden A student-led effort to revitalize the Van Ness Campus Rose Garden has resulted in a vibrant growing space. A recently chartered UDC Garden Club aims to educate students and engage the broader community.





College of Agriculture, Urban Sustainability, and Environmental Sciences (CAUSES) UDC's newest school opened its doors in fall of 2010, home to a brand new Professional Science Master's in Water Resources Management and UDC's Cooperative Extension Service.

Site of LEED Platinum Student Center Scheduled for completion in fall 2012, the \$40-million project will be the first LEED Platinum building on an HBCU campus.




Invasive Species Removal Students, faculty, and staff have worked to remove a variety of invasive plant species found on campus including kudzu, Japanese honeysuckle, and English ivy.

Recycling Center The Van Ness Campus diverted 37% of solid waste from landfill during July 2011. UDC finished second out of six District universities that competed in the 2011 RecycleMania waste minimization competition.






Resource Efficiency

-  **Stormwater Collection Cisterns** collect stormwater runoff from the plaza deck for on-site reuse in a water feature, and in non-potable applications, such as irrigation.
-  **Future Big Belly Solar Trash and Recycling Compactors** operate entirely off the grid and require five times fewer pickups by service staff, helping to reduce costs.
-  **Sav-Watt Eco Pole** provides street lighting via long-lasting, energy efficient LED bulbs generated by two photovoltaic solar panels and a vertical-axis wind turbine.
-  **Brita Hydration Stations** installed at 24 locations in 8 buildings provide quick, easy access to filtered tap water at no cost to students, faculty, staff, and visitors.




Innovative Research

-  **Future EPA-Certified Water Quality Testing Lab** will serve as the District's primary modeling and simulation facility, managed by UDC's Water Resources Research Institute.
-  **Zero Energy Visitor Center** generates 100% of its electrical need through solar and wind power. Built in 2008 by UDC's Center for Excellence in Renewable Energy, the project was supported by the District's Renewable Energy Trust Fund.
-  **Planned Green Roof Sites** will be developed in partnership with the District Department of the Environment to study the performance and benefits of an array of green roof design types.

Sustainable Mobility

-  **Van Ness-UDC Metro Station** has a 57.5% share of the transportation modal split within a half-mile of the station (for 7,215 residents and 6,334 employees).
-  **Van Ness Metro / UDC Capital Bikeshare Station** is part of a network of over 1,100 bikes at 110 stations all over the District of Columbia and Arlington.
-  **Zipcars at Connecticut and Windom** are two of eight car-sharing vehicles located within a half-mile of the Van Ness Campus.
-  **WMATA Bus Lines** make stops at six locations at the edge of the Van Ness Campus along Connecticut Avenue and Van Ness Street.
-  **Existing and Proposed Bike Rack Locations** were identified in the 2011 Campus Master Plan. New racks will be installed within the next two years.

Indicators Tracking

-  Between September 2009 and August 2010, the Van Ness Campus consumed an average of **1,395,090 kWh of electricity per month**.
-  Between August 2010 and July 2011, Van Ness Campus buildings consumed an average of **1,114,707 gallons of water per month**.
-  Between December 2010 and July 2011, the Van Ness Campus had an average **monthly landfill diversion rate of 32.43%**.

Updated October 2011