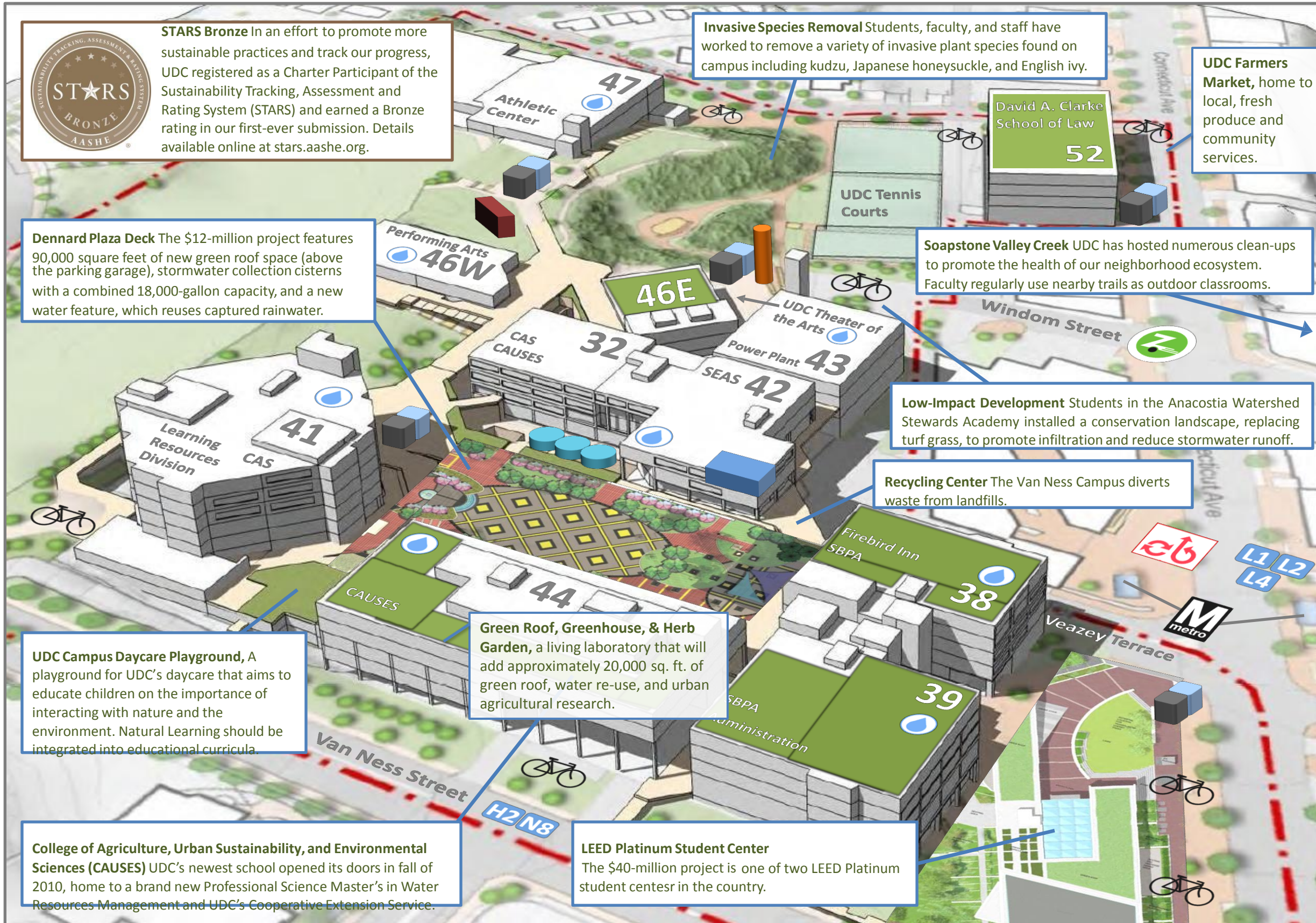


# Van Ness Campus Sustainability Map

"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."



**STARS Bronze** In an effort to promote more sustainable practices and track our progress, UDC registered as a Charter Participant of the Sustainability Tracking, Assessment and Rating System (STARS) and earned a Bronze rating in our first-ever submission. Details available online at [stars.aashe.org](http://stars.aashe.org).

**Dennard Plaza Deck** 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 new water feature, which reuses captured rainwater.

**UDC Campus Daycare Playground**, A playground for UDC's daycare that aims to educate children on the importance of interacting with nature and the environment. Natural Learning should be integrated into educational curricula.

**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.

**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.

**UDC Farmers Market**, home to local, fresh produce and community services.

**Soapstone Valley Creek** UDC has hosted numerous clean-ups to promote the health of our neighborhood ecosystem. Faculty regularly use nearby trails as outdoor classrooms.

**Low-Impact Development** Students in the Anacostia Watershed Stewards Academy installed a conservation landscape, replacing turf grass, to promote infiltration and reduce stormwater runoff.

**Recycling Center** The Van Ness Campus diverts waste from landfills.

**Green Roof, Greenhouse, & Herb Garden**, a living laboratory that will add approximately 20,000 sq. ft. of green roof, water re-use, and urban agricultural research.

**LEED Platinum Student Center** The \$40-million project is one of two LEED Platinum student centers in the country.

## Efficient Operations

- 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. UDC is also a member of the Tap It network, working to promote public access to campus drinking water. More info at [www.tapitwater.com](http://www.tapitwater.com).

## Sustainability Research

- EPA-Certified Environmental Quality Lab** will serve as DC's primary modeling and simulation facility, managed by UDC's Water Resources Research Institute.
- Zero Energy Visitor Center** is managed by UDC's Center for Excellence in Renewable Energy and generates 100% of its electrical need from solar and wind power.
- 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.

## Intermodal Transit

- Van Ness-UDC Metro Station** transports more than 57% of commuters living and working 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.

## Campus Indicators Tracking

	<b>1,300,000 kWh</b>	Average monthly electricity consumption, equal to the usage of 1357 US households.
	<b>1,100,000 gallons</b>	Average monthly water consumption, enough to fill two Olympic-size swimming pools.
	<b>12,500 pounds</b>	Average weight of waste recycled monthly, roughly the weight of 4.5 Honda Civics.