



(Top) Existing view from Reservation 113 toward the Capitol

(Right) Reservation 113 will become the central public space for the neighborhood



Public Review Draft

ICON KEY



Stormwater collection



LED light



Flow through planter



Green roof



Solar shade



Green wall



Greywater irrigation



Metro

THE SW ECODISTRICT WILL BE A HIGH PERFORMANCE ENVIRONMENTAL SHOWCASE

The area will become vastly more environmentally and economically efficient. Buildings will be renovated or designed to use less energy and water. The central utility plant will operate at a peak capacity generating power, heating and cooling for customers located in and beyond the boundaries of the Ecodistrict. Micro-grids will allow for more flexible generation and distribution of renewable energy. All stormwater will be captured and cleaned for non-potable water purposes, substantially reducing the use of potable water. Wastewater will be pumped to the treatment plant where it will be used to generate energy to run the plant. Vegetated systems for treating stormwater, green roofs, new parks, and streetscapes will reduce the urban heat island effect, provide pedestrian comfort, and enrich community life. This system will provide connected habitat corridors to the Washington Channel and improve the visual character of the neighborhood. The Ecodistrict will offer visitors to the nation's capital a unique way to learn how to make their own cities and neighborhoods more sustainable.