



## USGBC NJ 2018 Gala Award Winners – Project Descriptions

<p><b>TD Bank - Princeton Store</b>          TD Bank Group          Core States Group          Builders Inc.          Delos Solutions</p>	<p>LEED Project of the Year –          Interiors</p>	<p>As TD Bank's newest retail store, the Princeton location is a great example of a best in class real estate solution that adheres to economic, social and environmental sustainability. LEED and WELL-based strategies were implemented in the design standards to optimize building performance for human health and the local environment. In addition to including a Biophilic Design inspired by "Planting the Ivy" a Princeton University tradition, the store's location, design and operation enhance the health and well-being of the building occupants and the local community. As TD's 2nd retail project in the U.S. to register for dual LEED and WELL certification, the project team integrated several design features and concepts (especially the policy-related features) from some of the core building certification categories. TD's Princeton store integrates best practices of the LEED and WELL guidelines into TD's current design standards, adding the project to a growing list of over 220 LEED certifications across TD's North American footprint.</p>
<p><b>Lakeside Graduate Apartments, Princeton University</b>          American Campus Communities          Princeton University          Studio Ma          Steven Winter Associate          Dagher Engineering          Costanza Builders</p>	<p>LEED Project of the Year –          Residential</p>	<p>This 715-bed graduate student housing project included an innovative approach to life cycle analysis in design, campus-scale ground source heat pump, and extraordinary preservation of surrounding habitat. Building off the carbon-based design approach, the campus utilizes a large-scale ground source heat pump (“geothermal”) system for heating and cooling. The 384,000 sf, project is designed to minimize impact on the surrounding old growth forest and nearby lake, and to foster a cohesive, vibrant and active graduate student community. The Commons includes a multipurpose event space, staff offices, a community living room,</p>

		<p>kitchenette, outdoor deck and barbeque, computer room, exercise room. LEED for Homes and LEED for Homes Multifamily Midrise rating systems were selected for their applicability to the residential format of this student housing, ultimately achieving a Gold certification across all building types. Noteworthy features included the inclusive approach to stormwater management through groundcovers, bioswales and raingardens; white pavers on over 68% of hardscapes to eliminate heat island effect; and an incredible tree preservation plan during construction, resulting in a project that looks like it could have been there for decades.</p>
<p><b>Holtec International Technology Campus</b>          Holtec International          USA Architects          T&amp;M Associates          Joseph Jingoli &amp; Son          Concord Engineering          O'Donnell &amp; Naccarato          Structural Engineers</p>	<p>LEED Project of the Year – Campus</p>	<p>Holtec International strategically relocated its corporate headquarters, manufacturing facility, and warehouse to co-locate its workforce into one location, expand manufacturing capacity, and increase employment via GrowNJ and NJEDA tax credit initiative. The design of the corporate headquarters is founded on this idea of providing an environment that constantly fosters creativity and gives employees the ability to realize their professional potential. The 50-acre campus, located at the base of the Walt Whitman Bridge with expansive views of the city of Philadelphia, was redeveloped from a low density industrial waterfront site into a new 160,000 SF, 7-story corporate headquarters, 350,000 SF manufacturing facility and a 50,000 SF warehouse. The project received 3 LEED Gold certifications making the entire campus LEED Gold Campus certified. Specific concepts of sustainability were implemented such as using solar energy, sun shading and building angles to control daylight to the office areas, and a site selection that is a prime location to different modes of heavy goods transportation and public transportation. The City of Camden is on the precipice of an urban revitalization that it has not experienced since the industrial boom during the first half of the 20th century. After decades of decline and a contraction of</p>

		<p>business investment, Camden seems poised to re-emerge as a vibrant ingredient in the development of South New Jersey. The commitment by Holtec International to develop its new technology campus on the Camden waterfront demonstrates the company's social conscience and its desire to positively impact a disadvantaged urban area by using existing infrastructure, protecting green-fields, and protecting natural resources. Furthermore, the company is breaking new ground in the area of nuclear technology and innovation by manufacturing a small modular nuclear reactor, the SMR-160. This visionary product is the next generation of clean, reliable, carbon-free energy.</p>
<p><b>Southwest Resiliency Park, Hoboken</b>  City of Hoboken  Starr Whitehouse Landscape Architects &amp; Planners  Langan Engineering and Environmental Services  Dagher Engineering Suburban Consulting Engineers</p>	<p>Innovation and Sustainability Best Practices – Public</p>	<p>The Southwest Resiliency Park project in Hoboken combines passive green space and flood mitigation to meet the neighborhood's needs. It is New Jersey's first resiliency park with integrated green infrastructure to mitigate flooding. The concept for the series of resiliency parks throughout Hoboken stemmed from research and planning that was part of the Rebuild by Design process and has led to the successful implementation of two other resiliency parks throughout Hoboken. This combination of public open space and neighborhood-scale stormwater management improvements has been proven to improve the City of Hoboken, both environmentally and from an economic land use perspective. One of the most significant lessons learned was how to practically design green infrastructure within an urban area, which has many challenges, such as shallow groundwater, environmental contamination and flood issues. An interesting aspect of this park space is the way that green infrastructure was incorporated and designed into the project to allow the neighborhood to enjoy the space but also provide flood mitigation during storm events that impact this area. Some of the green infrastructure that was used includes rain gardens, pervious pavers, bioswales and multiple</p>

		subsurface stormwater detention basins for flood storage. All of these design elements provide over 200,000 gallons of storage during flood events.
<b>Humanscale Living Product Challenge</b> Humanscale International Living Futures Institute Pfister Energy 2020 Engineering	Innovation and Sustainability Best Practices – Materials and Resources	The LIVING PRODUCT CHALLENGE calls on manufacturers to make their own operations net positive with respect to impact categories such as water, energy, climate, waste and ecological impacts. Humanscale chose two of their products to complete the challenge, Float sit/stand table and Diffrient Smart task chair. In order to become the first manufacturer in any industry to receive full Living Product certification, Humanscale had to demonstrate that their manufacturing facilities are now net positive in all 20 impact categories, and that they also use no Red List chemicals. The facility where these products are manufactured contributes to a net positive impact as the energy and water used to manufacture these products are sourced renewably; additionally, waste is diverted from landfill, climate impacts are minimized, and ecological impacts have been neutralized. The Living Product Challenge has inspired Humanscale to apply many of the same standards to the rest of its product lines. Recognizing that consumers are more informed and environmentally conscious than ever, Humanscale has bolstered its commitment to material transparency. Today, the company has published more Health Product Declarations than any other manufacturer in the industry. These labels disclose product content and must meet standards set by the non-profit, Health Product Declaration Collaborative. Humanscale is the leading designer and manufacturer of high-performance ergonomic products that improve the health and comfort of work life. Committed to making a net positive impact on the earth as well as their customers, Humanscale offers award-winning products designed with a focus on function, simplicity, longevity, wellness, and sustainability.

<p><b>Village Retro: Strategy for Sustainability/ Ecology/ Stormwater</b>  Chambers Design in partnership with Township of South Orange Village, SO Environmental Commission, SO Green Team, and SO Downtown Village Alliance</p>	<p>Innovation and Sustainability Best Practices – Sustainability Planning</p>	<p>Village Retro: Strategy for Sustainability/Ecology/Stormwater is not a single project, but a collection of projects that invest, innovate and create sustainable places throughout South Orange, NJ. Each project contributes to a holistic vision where sustainability, ecology and stormwater are addressed holistically. Moreover, Village Retro brings people together to form a community around and for the spaces produced through volunteerism and green living. Green design has established itself as the premiere method of architecture. All of the projects highlighted in Village Retro are completed in the spirit of ushering green design into new arenas of the human and urban landscape. For example, only sustainable materials are used, micro-ecosystems support a rich variety of species, habitat is restoration, placemaking replaces hardscaping and the highest standards for design quality are upheld. But these things are one piece of the pie.</p> <p>Our vision is to foster a community-based approach that is about people because where we live and work is important. Important places need to be treated with importance. For South Orange, every corner of the village is significant because of its size, and because of the development that is rapidly changing its character. Citizenry + beautiful spaces + sustainability is the formula we use to face the challenges of climate change and urbanization while investing in people and the environment.</p> <p>The message of Village Retro is that all projects (regardless of size, scale or budget) can be practical and inspirational, but only when ecology, sustainability and design quality reflect one ultimate principle - everyone deserves a place to enjoy nature.</p>
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