

## *an-dro-po-gon \ n:*

a common field grass, is one of nature's remarkable adaptations to stress and change in the landscape. Wherever the landscape has been disturbed, andropogon is one of the first field grasses to colonize the ground, providing a self-sustaining cover for the gradual return of our native forests.

The economy and elegance with which these grassy meadows heal the wounded landscape aptly describes Andropogon's goal in ecological planning and design,

**"to weave together the landscape of man and nature for the benefit of both."**



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## FIRM INFORMATION

## FIRM PROFILE

Founded more than thirty years ago, Andropogon is committed to the principle of “designing with nature,” creating beautiful and evocative landscapes inspired by the careful observation of natural processes and informed by the best environmental science. The elegance and economy of natural form and process continues to be the benchmark by which we measure the success of our work—from the smallest construction detail to the multi-layered patterns of regional sites.

With a multi-cultural staff of over thirty, we are committed to the successful maturing of each project, from initial concept designs to construction review and long-term landscape management. Our body of work includes early examples of innovative green strategies that have withstood the test of time as well as a broad range of landscape, site planning, environmental projects, ecological restoration and innovative stormwater management techniques, both nationally and internationally.

Our clients often tell us that we combine integrated design with a depth of ecological understanding in synergistic ways. With every project we embody our mission...”to weave together the landscapes of man and nature for the benefit of both.”

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RIGHT: *Avalon Park and Preserve*





## SERVICES

### **Landscape Architecture and Urban Design**

Site Analysis, Programming and Organization

Site Planning and Design

Landscape Management

Historic Preservation and Adaptive Reuse

### **LEED™ Strategies**

Site Selection

Environmental Assessment

Site Protection

Water Resource Strategies (Conservation, Stormwater Management, and Flood Mitigation)

Ecological Restoration

Brownfield Redevelopment

### **Master Planning**

Program Analysis and Development

Institutional Visioning and Community Development

Interpretation

Funding Packages

### **Regional Planning**

Environmental & Land Use Planning

Environmental Assessment

Feasibility Studies

Natural Resource Management

Open Space and Trail Systems

Community Planning and Facilitation









## SELECTED PARTNERS: ARCHITECTS

Architecture +	Michael Graves & Associates
Architerra	Moore Ruble Yudell
Atkin Olshin Schade Architects	Overland Partners
Ayers Saint Gross	Patkau Architects
Ballinger	Perkins & Will
Becker Winston Architects	Rafael Viñoly Architects
Bohlin Cywinski Jackson	RMJM Hillier
Bowie Gridley Architects	Robert A.M. Stern Architects
Burt Hill	SaylorGregg Architects
CBT/Childs Bertman Tseckares	Schmidt Copeland Parker Stevens
Cesar Pelli & Associates	Skidmore Owings & Merrill
Cook + Fox	SmithGroup
Cooper, Robertson & Partners	Solomon Cordwell Buenz
Croxton Collaborative Architects	The Lawrence Group
DPK&A Architects	Tsoi Kobus & Associates, Inc.
Dober, Lidsky, Craig & Associates	Venturi, Scott Brown & Associates
Dover, Kohl & Partners	Vitetta Group
Einhorn Yaffee Prescott	Voith & Mactavish Architects
Ellerbe Becket	William McDonough + Partners
EwingCole	Zeidler Partnership
Gannett Fleming Inc.	Zimmer Gunsul Frasca Architects
Gensler	
Goody Clancy	
Gund Partnership	
Hanbury, Evans, Wright, Vlattas & Company	
HNTB	
H2L2	
IKM, Inc.	
Kieran Timberlake Associates, LLP	
KlingStubbins	
Koetter, Kim & Associates	
KSS Architects	
Kruek + Sexton	
Lake/Flato Architects, Inc.	
LS3P Associates, Ltd.	
Maya Lin Studio	

LEFT: *Lubert Plaza at Thomas Jefferson University in Philadelphia, PA with Burt Hill*

## SELECTED CLIENTS

Adkins Arboretum MD  
Avalon Park and Preserve NY  
Atlanta Botanical Garden GA  
Bartlett Arboretum CT  
Brooklyn Botanic Gardens NY  
Bronx Art Center NY  
Bryn Mawr College PA  
Center City District, Philadelphia PA  
Central Park Conservancy NYC  
Chatham University PA  
Chestnut Hill College PA  
City of Allentown PA  
City of Cleveland OH  
City of Lewes DE  
City of Philadelphia, PA  
Clemson University SC  
Cornell University NY  
Crosby Arboretum MI  
Cuyahoga Planning Commission OH  
The Dallas Arboretum TX  
Dickinson College PA  
Dover, Kohl & Partners FL  
Duke Farms Foundation NJ  
E.I. du Pont de Nemours & Co. DE  
Fairmount Park Commission PA  
Franklin Institute in Philadelphia  
Ft. Worth Botanical Gardens TX  
General Services Administration, DC  
Grey Towers National Historic Landmark PA  
Grasso Holdings PA  
Haverford College PA  
Hoffmann LaRoche Inc NJ  
Holden Arboretum OH  
Howard Hughes Medical Research Foundation VA  
Lehigh Valley Hospital PA  
Longwood Gardens DE  
The Louisville Olmsted Parks Conservancy KY  
Manitoga, Man and Nature Center NY  
Manayunk Development Corporation PA  
Merck Sharp & Dohme PA  
Middlebury College VT  
Millbrook School CT

Moravian Academy PA  
 Morris Arboretum of the University of Pennsylvania PA  
 Morris County Park Commission NJ  
 National Park Service, DC  
 National Defense University DC  
 National Storytelling Center TN  
 Nikko Kirifuri Resort, Japan  
 Oberlin College OH  
 The Perot Group TX  
 Phipps Conservatory and Botanical Gardens, PA  
 Pittsburgh Urban Redevelopment Authority PA  
 Princeton University NJ  
 Prospect Park NY  
 Riverlife Task Force PA  
 Rochester Psychiatric Center NY  
 Ross School NY  
 Salvation Army PA  
 Schuylkill Center for Environmental Education PA  
 Scott Horticultural Foundation of Swarthmore College, PA  
 Sidwell Friends School DC  
 Skidmore College NY  
 Smithville Park NJ  
 SmithKline Beecham PA  
 Stapleton Redevelopment Foundation CO  
 The Pennsylvania State University PA  
 Thomas Jefferson University PA  
 Tishman Speyer Properties  
 Trinity College CT  
 Tyler Arboretum PA  
 University of Michigan MI  
 University of North Carolina NC  
 University of Pennsylvania PA  
 University of the Sciences in Philadelphia  
 University of Toronto, Ontario  
 University of Vermont VT  
 University of Virginia VA  
 U.S. Army Corps of Engineers DC  
 U.S. Fish and Wildlife Service DC  
 U.S. Coast Guard DC  
 Villanova University PA  
 Washington National Cathedral DC  
 Western Pennsylvania Conservancy PA  
 The World Bank, Vanuatu and Sri Lanka  
 Yale University CT

## AWARDS

**2009 Citation for Sustainable Design** from AIA Boston for the New Science Center at Brooks School with Architerra, Inc

**2009 Preservation Achievement Grand Jury Award** from the Preservation Alliance of Greater Philadelphia for the Historic Smithville Streetscape Renovation, with Vitetta

**2008 AIA COTE Top Ten Green Project** for the Center for Art & Science at Cambridge School of Weston, with Architerra, Inc.

**2008 AIA COTE Top Ten Green Project** for the Sculpture Building at Yale University, with Kieran Timberlake Associates

**Stormwater BMP Award** for Valley Green Environmental Restoration Program, Philadelphia PA

**2007 Stormwater BMP Award** for Valley Green Environmental Restoration Program, Philadelphia PA

**2007 AIA COTE Top Ten Green Project** for Sidwell Friends Middle School, Washington, D.C. , with Kieran Timberlake Associates

**2006 AIA COTE Top Ten Green Project** for the Philadelphia Forensic Science Center, with Croxton Collaborative

**2006 Stormwater BMP Award** for Thomas Jefferson University Plaza in Philadelphia

**2005 Regional Merit Award** from the Canadian Society of Landscape Architects for King's College Circle Precinct at the University of Toronto.

**2005 Toronto Architecture & Urban Design Award**, Honourable Mention for King's College Circle Precinct at the University of Toronto

**2004 The Landmark Award from the American Society of Landscape Architects** for the Strategic Master Plan for Renewal of the Morris Arboretum of the University of Pennsylvania

**2004 Cooper-Hewitt National Design Award**, Finalist in the Environmental Design category

**2004 Grand Jury Project Award** from the Preservation Alliance for Penn's Quadrangle College Houses

**2003 AIA COTE Top Ten Green Project** for the Cusano Environmental Education Center at the John Heinz National Wildlife Refuge, with Susan Maxman Partners

RIGHT: *Nikko Kirifuri Resort in Japan, with Venturi, Scott Brown & Associates.*









**2003 Landscape Design Award** from The American Horticultural Society

**2003 AIA Connecticut Design Award** for the Sterling Divinity Quadrangle, Yale University

**2002 AIA COTE Top Ten Green Project** for the Adam Joseph Lewis Center for Environmental Studies at Oberlin College

**2002 Merit Award in Planning/Analysis** from the American Society of Landscape Architects PA/DE Chapter for Fallingwater

**2001 Design Merit Award** from the American Society of Landscape Architects for the Landscape Master Plan for Nikko Kirifuri Resort, Japan

**2000 Merit Award in Communications** from the American Society of Landscape Architects for *The Once and Future Forest*

**2000 Centennial Medallions** “recognizing significant works of landscape architecture,” from the American Society of Landscape Architects to the Morris Arboretum and the Crosby Arboretum

**1998 Merit Award** from the American Society of Landscape Architects for the Colonial Parkway Cultural Landscape Report

**1998 Eleanor Houston Smith Award for Conservation and Preservation** from the Schuylkill Center for Environmental Education

**1997 Outstanding Achievement Award** from the International Downtown Association for the Walk!Philadelphia Streetscape

**1996 Outstanding Comprehensive Planning Award** from the American Planning Association for the Stapleton Redevelopment Plan, Denver CO

**1995 Award for Design Excellence** from the Philadelphia Chapter of the American Institute of Architects for the 26th Street Gateway Project, Center City, Philadelphia

**1992 Environmental Enhancement Award** from the NJ Chapter of the American Society of Landscape Architects

**1992 Merit Award** from the New Jersey Chapter of the American Society of Landscape Architects for Hartley Farms, NJ

**1991 Distinguished Landscape Practitioners Award** from the US Chapter of the International Association for Landscape Ecology

LEFT: pond at Oberlin College's Adam Joseph Lewis center for environmental studies with William McDonough + Partners







BREAKING NEW GROUND







## SIDWELL FRIENDS SCHOOL

Campus Planning | Site Design & Implementation  
Washington, D.C. & Bethesda, Maryland

Sidwell Friends School seeks to create a campus landscape that maintains Quaker values while presenting a distinctive and welcoming aesthetic for their two campuses in the greater Washington D.C. area. Andropogon Associates collaborated with architects Kieran Timberlake Associates to develop a plan for articulating the campus landscape within the larger urban grid, while creating intimate environments for individualized learning.

The Middle School features a courtyard pond system to treat stormwater, as well as new play areas, native plantings to provide screening for neighbors, and a green roof on the new building addition.

An additional feature of the site design directs stormwater runoff to a rain garden and permanent biology pond. Runoff from the roof is collected in an underground cistern that maintains the water levels of the pond during dry weather. Water fills the rain garden during a storm and then slowly seeps into the ground, where it is naturally filtered by the soil. Excess rainwater in the cistern wells up from a millstone ‘spring’ and flows to the pond. During a heavy rain, the pond will also overflow through a slotted weir into the rain garden.

**2007 AIA COTE Top Ten Green Project**  
**2007 Certified LEED™ Platinum**

TOP LEFT: *perspective of wetlands in front of Middle School*  
BOTTOM LEFT: *water system diagram*

## 2008 CHINA OLYMPICS

Competition Finalist | Master Plan & Site Design  
Beijing, China

Andropogon was selected as a finalist for the design of the 2008 Summer Olympics site in the City of Beijing, China. Andropogon's partners in the competition included the China Center for Landscape Architectural Design and Planning,

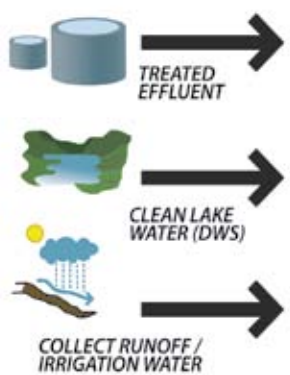
The plan for Forest Park and the Central Zone of the Olympics site includes more than eleven square kilometers of programmed open space and natural areas. As one of the largest proposed urban re-creations of natural systems in human history, the transformation of derelict urban land into re-created nature would become the “green heart” of the city.

The plan included strategies for urban renewal, transportation, forest restoration, flood control, recreation, and habitat re-creation.

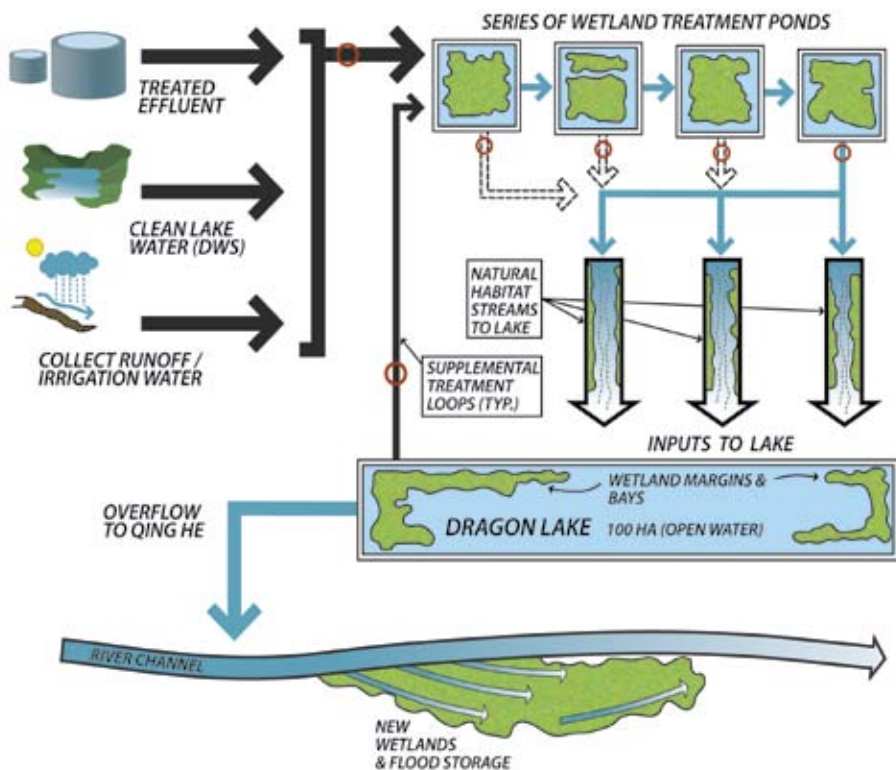
TOP RIGHT: *forest park and lake axon*  
BOTTOM RIGHT: *water flow diagram*



## WATER SOURCE



## SYSTEM FLOWS



## JOHOR BAHRU, MALAYSIA

Master Planning | International Financial Districts – Iskander Development Region  
Johor Bahru, Malaysia

Andropogon has partnered with Gensler as the lead Landscape Designer and Environmental Consultant for the Master Plan and Urban Design Concept for the International Financial District of the Iskander Development Region (IDR) in Johor Bahru, Malaysia. The International Financial District (IFD) is one of nine Node parcels located within the 27,048 acre Iskandar Development Region (IDR) overlooking the Straits of Johor between Malaysia and Singapore.

The Financial District is envisioned to showcase South Johor and Malaysia's economic health and vibrancy. The district will be a thriving, high-density mixed use area anchored by the diverse activities that take place in the international finance center.

A full range of land uses and functions are planned, including office, hotels, retail, residential, recreation and public amenities. All are fully supported by convenient public transit, roads, parking, open space network, and infrastructure.

Andropogon's plan will integrate the environmental concerns and strategies into the overall landscape design to take advantage of synergies that come from shared resources within the landscape. It will also define a sense of place with a strong physical framework that enables urban life to manifest and change.

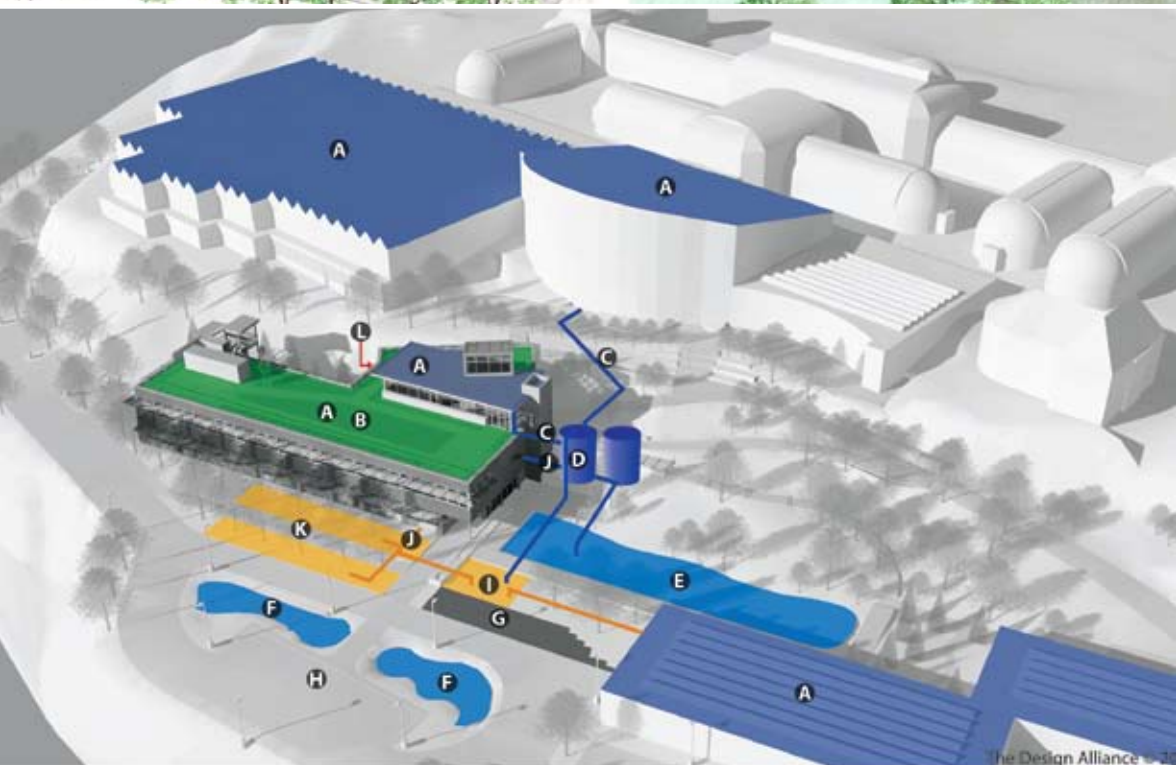
TOP RIGHT: *illustrative master plan showing hilltop parks*

BOTTOM RIGHT: *central water feature*









The Design Alliance © 2010

- |                               |                                   |                                    |
|-------------------------------|-----------------------------------|------------------------------------|
| A. Storm Water Capture        | E. Lagoon: Storm Water Storage    | I. Constructed Wetlands            |
| B. Green Roof System          | F. Rain Garden: Lagoon Overflow   | J. Greywater Reuse                 |
| C. Divert Storm Water Capture | G. Subsurface Storm Water Storage | K. Subsurface Sanitary Sand Filter |
| D. Water Storage Cistern      | H. Pervious Asphalt               | L. UV Polishing - Greywater        |



## PHIPPS CONSERVATORY

Master Planning & Site Design | Center for Sustainable Landscapes  
Pittsburgh, Pennsylvania

As the nation's first teaching conservatory, the mission of the Phipps Conservatory and Botanical Gardens has evolved to position the institution at the forefront of the environmental education movement. To advance their mission, the Conservatory is currently embarking on the last phase of its three phase expansion: the construction of an Education-Research-Administration Building by The Design Alliance. Planned on a brownfield site, the 19,000 sf facility will showcase cutting-edge environmental technologies to promote the building as part of the exhibit as much as the specimens within it.

Designed to meet the rigorous criteria of the Living Building Challenge, the new facility will meet the requirements of Net Zero Energy, Net Zero Water and Sustainable Water Discharge. One hundred percent of the building's energy and water needs must be met by on-site renewable energy, captured precipitation and reused water. In addition, one hundred percent of site-related stormwater must be treated on-site.

Once finished, the new facility will both complete the master plan and serve as a demonstration facility unlike any other in the world: a true living building.

TOP LEFT: *site plan*

BOTTOM LEFT: *lagoon/treatment pond*

## CAPITAL CITY DISTRICT - ABU DHABI

Master Planning | Capital City District – City Centre Master Plan  
Abu Dhabi, United Arab Emirates

Andropogon Associates, in association with Solomon Cordwell Buenz, recently completed a comprehensive master plan for the new 990-hectare, Centre City located within the Capital City District. Andropogon is providing a conceptual open space master plan and sustainable landscape design guidelines. This project carries forward a 2006 government approval of a significant urban planning initiative to develop Abu Dhabi as an environmentally, socially and economically sustainable National capital for the United Arab Emirates as described in the Abu Dhabi 2030 Plan.

A full range of land uses are planned including office, hotels, retail, residential, recreation and public amenities. All are fully supported by convenient public transit, roads, parking, open space network, and infrastructure. The master plan is based on sound planning principle with sustainable criteria toward environmental quality and energy consumption that will ultimately provide the highest quality of life possible for all its citizens.

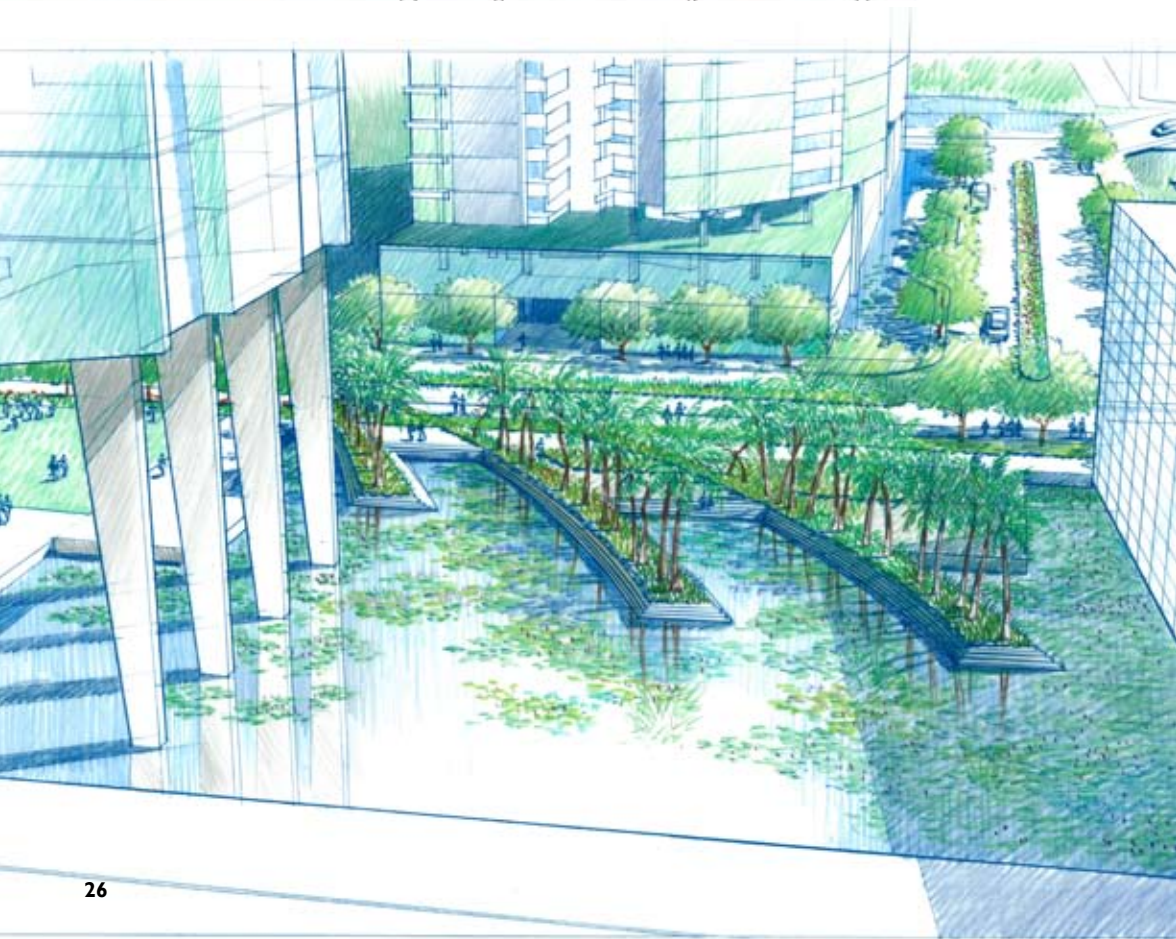
TOP RIGHT: *bird's eye view perspective*  
BOTTOM RIGHT: *open space perspective*



rendering courtesy of Solomon Cordwell Buenz







## MIXED-USE DEVELOPMENT

Master Planning & Site Design | Confidential Client  
Phnom Penh, Cambodia

Andropogon Associates is collaborating in the Master Planning and development of a 37.4-Acre Mixed Use development in Cambodia. The world-class project will feature a combined commercial and residential component, streetscapes, green roofs, green walls, public plazas, retail and entertainment centers, a Convention Center and a 5-star luxury Hotel and Residence tower.

The design provides the development with a working landscape, which provides a green infrastructure that utilizes alternative strategies such as decentralized systems for one hundred percent on-site management of its stormwater and wastewater. In addition, the design preserves and celebrates natural resources existing on site while educating visitors and residents about methods of sustainability that alleviate torrential flooding and contamination of precious water sources that occur during the Monsoon season. The project will demonstrate how sustainable design can lead to a low impact development that revitalizes the community as well as the natural resources of the land.

TOP LEFT: *landscape master plan*  
BOTTOM LEFT: *convention center pool rendering*









CREATING A SENSE OF PLACE

## THOMAS JEFFERSON UNIVERSITY

Site Design | New Campus Plaza  
Philadelphia, Pennsylvania

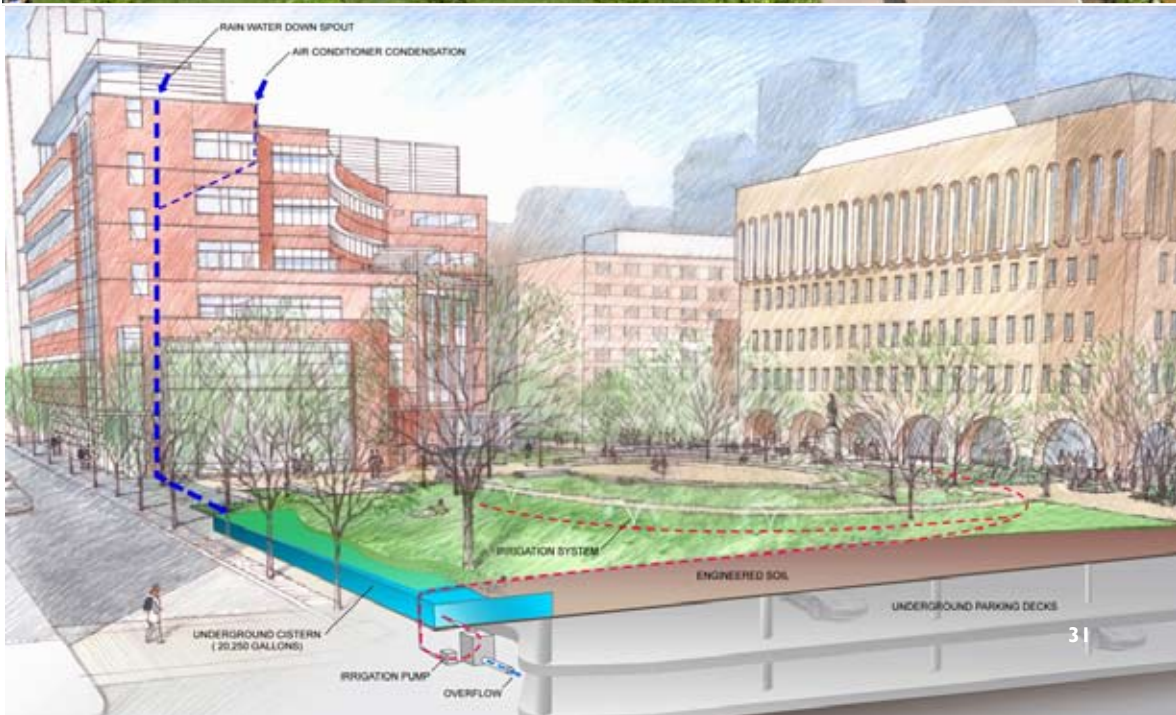
Thomas Jefferson University broke ground in 2005 for the new Dorrance H. Hamilton Building, the first major structure to be built at the Center City Philadelphia medical school campus in 15 years.

The state-of-the-art building, by architects Burt Hill, is part of a \$60 million expansion-and-renovation project that also includes a 215-space underground parking garage and a 60,000-sf plaza for use by students, faculty and the community. Andropogon's expansive green plaza is intended to transform the 14-acre urban campus by providing a new "heart of campus" where formerly two parking garages consumed half a city block and overshadowed the functions and identity of the University.

A permanent, structural stormwater BMP, incorporated into the new building, reduces stormwater discharge to the City sewer by diverting water to irrigation systems. Stormwater runoff from roofs, and condensate from air conditioners, will be collected in an underground cistern beneath the plaza. This water will then be used to irrigate the plaza's plants (one inch of rainfall will provide one week's worth of irrigation).

**2006 Stormwater BMP Award** from the City Of Philadelphia Water Department

TOP RIGHT: *aerial of plaza*  
BOTTOM RIGHT: *stormwater diagram*



## ROSS SCHOOL

Master Plan & Site Design | Ross School  
East Hampton, Long Island

Andropogon developed and implemented a campus master plan for this alternative school that reflected the school's educational mission of integrating arts, humanities and natural sciences within a setting that highlights both Eastern and Western cultures. Nearly half of this forested site will remain undeveloped, preserving vital plant and animal habitat, and allowing the native woodlands to permeate the school character. The landscape design preserves the natural resources of the site, including protection of local groundwater supply and water quality in the aquifer.

For each school building, there is a hierarchy of outdoor spaces for learning, meditation, and play. The spare, evergreen landscape native to the Long Island Pine Barrens serves as an appropriate plant palette to reinterpret classic motifs from East Asian gardens. Across the campus, new landscapes focus attention on the connection where the built and natural worlds meet. The intent is to heighten one's awareness of man-made boundaries by integrating natural landscape patterns throughout the campus. This strategy extends the classroom experience outdoors, creating rooms of native woodlands and dramatic, glacial boulders from a local terminal moraine. The boulders, iconic of Japanese gardens, also define smaller private campus spaces.

TOP RIGHT: *outdoor class at amphitheater*  
BOTTOM RIGHT: *stone walkway to rock garden*





## LISI LAKES

Master Planning & Site Design | Waterfront Mixed-Use Development  
Tbilisi, Republic of Georgia

Andropogon designed the Sustainable Landscape and Site Master Plan for Lisi Lake; a 355-hectare, sustainable Mixed-Use development just north Georgia's capital city Tbilisi. The ambitious plan of the projects developers to create Georgia's first wholly sustainable mixed use development was compounded by the site's challenging topography and the depletion of the water table resulting in dramatically lowering lake levels and polluted runoff.

Working with planners Dover Kohl and architects Moore Ruble Yudell, Andropogon created an environmental framework to guide the master planning and development process. Understanding the site's cultural and natural resources, including hydrology, geology, and regional context helped accommodate the creation of three new neighborhoods, public plazas, recreational facilities, restaurants, shopping, schools, and civic amenities while restoring the natural function and character to the site.

TOP RIGHT: *perspective of residential terrace*

BOTTOM RIGHT: *rendering of proposed neighborhood from open space corridor*





## CHENNAI RESIDENTIAL COMPLEX

Master Planning & Site Design | Confidential Client  
Chennai, India

The Chennai, India project is a new residential community consisting of 113 acres and approximately 15,000 residents located in the Chembarakkam area of Chennai, on the Chennai-Bangalore route. Development of the project will follow in two phases. The first phase will be developed on a parcel of approximately 40 acres. The product mix for this phase consists mainly of Independent villas and townhouse type of buildings. The second phase will be developed on a parcel of approximately 70 acres and will also contain more dense development in terms of garden apartments and mid rise apartments. The master planning has to take into account that the first phase by itself could be complete in itself as a stand alone project, as well as retain its integrity with the larger 100 plus acres development in totality.

TOP RIGHT: *central open space site plan*  
BOTTOM RIGHT: *central water feature sketch*





## MIXED USE DEVELOPMENT, UNITED ARAB EMIRATES

Master Planning & Site Design | Confidential Client  
Location Confidential

Andropogon Associates, in collaboration with KlingStubbins is designing the Master Plan for the 110-Hectare Mixed Use Development. The project will include a residential component, a 5-star Eco-Hotel a Mangrove Island and Organic farm.

The Mangrove Island is a 60 Hectare development with a wildlife visitors' center, 21 eco-cabins, and a restaurant. Sustainable design elements include on-site energy and portable water production, all from renewable resources. In addition, extensive programs will be developed to protect the existing Mangroves as well as establish new Mangrove habitats. The 13-acre Organic Farm will supply the residential community and the on-site restaurants with locally grown fresh produce. Andropogon's plan provides the project with an opportunity to showcase progressive principles in the development of an ecologically significant site. More so, the Master Plan is designed in cohesiveness with the existing natural, cultural and social values, serving as a model for the community and region at large.

TOP RIGHT: *site aerial*

BOTTOM RIGHT: *mangrove island visitors center habitat*









## SHANTOU UNIVERSITY

Site Design | Central Park, University Bell Tower and Gateway  
Shantou, Guangdong, China

Andropogon is designing the University Gateway Entrance and the site for a Bell Tower designed by Maya Lin studio. The University is located in a landscape with strong physiographic components that give the Campus a very distinctive character and identity. Steep heavily forested slopes, capped by dramatic granite outcrops, surround the built form that is confined to the valley floor.

Within the valley floor is another resource of the continuous open space 'Central Park' at the heart of the Campus. The Campus landscape will serve as an important extension to the academic experience, providing a living laboratory for students, faculty and staff as well as providing setting for the buildings, and defines a hierarchy of spaces for learning, socializing and recreation..

TOP LEFT: *site plan*

BOTTOM LEFT: *bell tower perspective*









RECLAIMING / REINVENTING THE LANDSCAPE

## LOWER VENICE ISLAND

Master Planning | Manayunk Development Corporation  
Philadelphia, Pennsylvania

Lower Venice Island is a five-acre island located between the Schuylkill River and the Manayunk Canal in Philadelphia. Like many cities all across the country, Manayunk is faced with the challenge of planning for change in a post-industrial city and determining new uses for abandoned and underutilized waterfront property. Manayunk's waterfront is evolving into a highly desirable area where parks, greenways, upscale retail, and residential development are envisioned.

Andropogon Associates' master plan incorporates public access to the river along with boating, fishing, and enhanced facilities for Venice Island Recreation Center. The new facility will include performance space and other flexible classroom and meeting spaces. Outdoor recreational activities will include hockey, basketball, and a children's water spray park.

Urban open space must serve many functions such as improving stormwater management, providing connections, active recreation, passive recreation, and community gathering spaces. The Lower Venice Island site demonstrates how to achieve a better balance along the waterfront and extend the vitality of the city and the community down to the river and canal edge.

TOP RIGHT: *through playground and spray park*

BOTTOM RIGHT: *site plan*





## PHARMACEUTICAL HEADQUARTERS

Master Plan | Confidential Client  
New Jersey, USA

Andropogon was recently chosen through a design competition process to create the Master Plan for the The New Jersey campus of a leading Pharmaceutical Corporation. Since 1929, The New Jersey campus had been the North American headquarters with research, production and administrative offices. Recent decisions have been made to relocate the Headquarters and convert the site into a key global Research & Development center. The intent of the master plan is to convert the landscape from a mixed use manufacturing facility into a world class, campus-like research and development center.

Andropogon's master plan concept re-imagines The Campus to reflect the company's role as a leader and innovator in the pharmaceutical industry. The design vision provides a distinctive character for the campus that will reinforce the corporate identity, and reorganize the campus to become more centralized, pedestrian friendly, while providing live-work resources to its employees. Andropogon's approach in transforming the Campus will be grounded in a sustainable approach to site and landscape design; one that encourages designs that integrate water, soil, and vegetation; and creates "green infrastructure" that will also serve as iconic site amenities.

TOP RIGHT: *gateway perspective*  
BOTTOM RIGHT: *conceptual "village street"*









## US GENERAL SERVICES ADMINISTRATION OFFICE BUILDING

Master Plan & Site Design | US General Services Administration  
Washington D.C.

As a member of the master planning & site development team led by architects Perkins + Will, Andropogon is serving as the landscape architect and ecological planner for a new federal agency headquarters on the West Campus of the former St. Elizabeths Hospital in Washington, D.C. St. Elizabeths campus, a National Historic Landmark located 2.5 miles from the U.S. Capital, is a 182-acre site with 61 buildings, abundant open space, a Civil War cemetery, and stunning views of the surrounding area. The aim of the landscape design for the Headquarters is to reflect the richness of the place while also functioning programmatically, ecologically and aesthetically.

Overall the landscape structure will appear to those outside of the site as if the surrounding woodland is sweeping through the courtyards, but will also respect the historical landscape of St. Elizabeth's. The site is designed with multiple courtyards for users to immerse themselves in nature and also provide venues for gathering and celebration. The sustainable directives for the project include development to achieve a "Silver" Leadership in Energy and Environmental Design (LEED™) rating.

TOP LEFT: *building overview perspective*

BOTTOM LEFT: *upper piedmont courtyard rain garden*

## HUDSON FARM

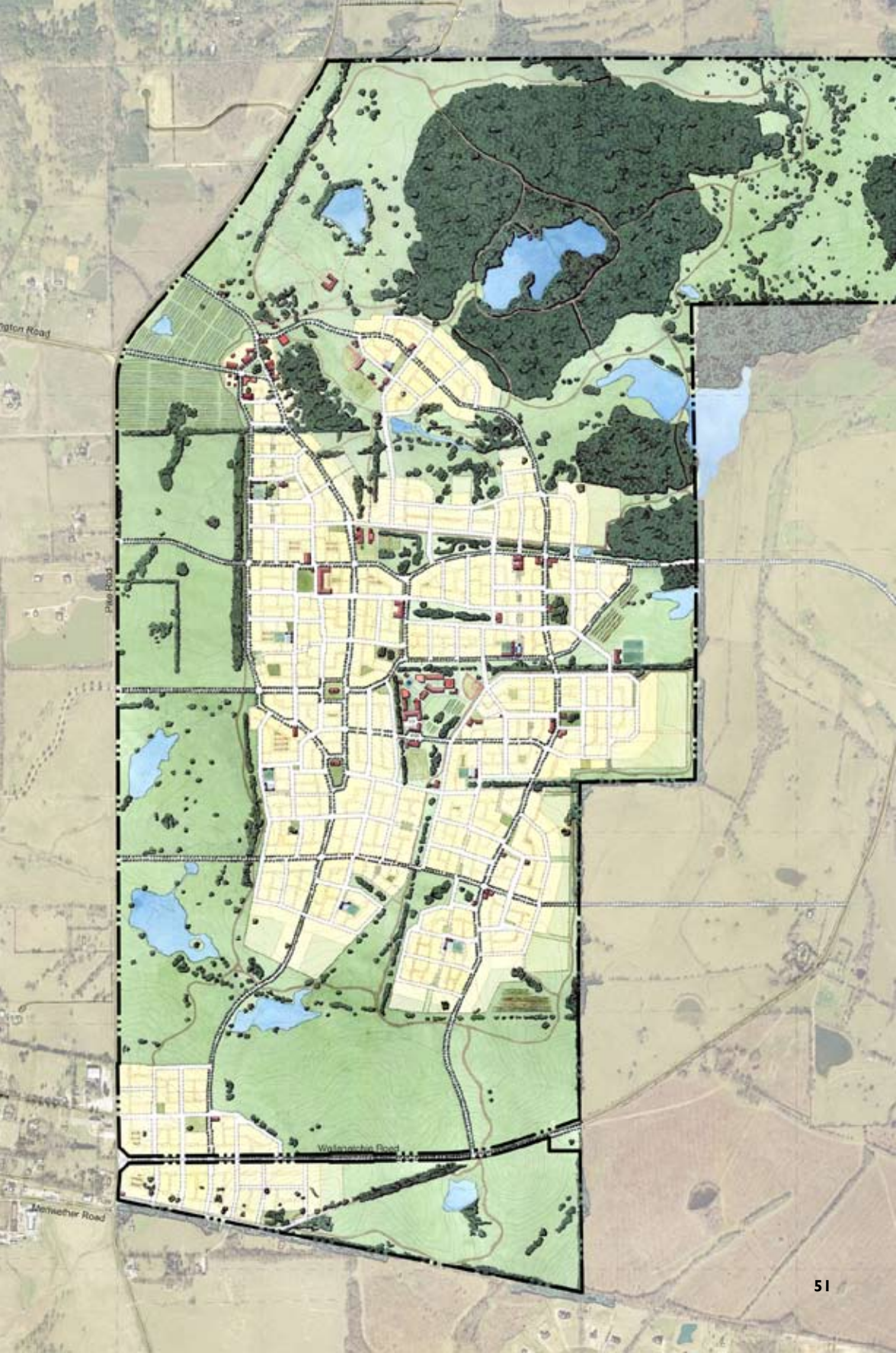
Site Design | Hudson Land Development Co.  
Montgomery, Alabama

Hudson Farms comprises approximately 2,145 contiguous acres located in Eastern Montgomery, Alabama. With growth in Eastern Montgomery at its doorstep, the Hudson family wants to develop the farm in a way that preserves the family legacy, preserves the natural and cultural landscape, and establishes a role model for responsible and sustainable development. With few exceptions, development within East Montgomery has proceeded in a suburban sprawl manner. The scale and execution of the Hudson Farm community presents an opportunity to establish a new model for development practices in Montgomery—an unprecedented fusion of ecological design and new urbanist town planning.

The plan responds to two great systems—the black land prairie and its drainage network and the mile square grid. The proposed site plan expresses the dynamic tension between these two strong patterns, tying the plan to place and giving it a uniquely American character.

The location of the town on high ground, and its compact layout within the “landscape rooms” of the old farm fields, embodies a logical stormwater management plan and allows the restoration of the natural drainage system. Cotton farming depleted the countryside, removing the topsoil and exposing an obdurate sublayer. The plan integrates restoration of the soil with the re-establishment of neighborhood food production—Community Based Agriculture. Restoring the soil also reinforces the project goals to return both human and natural communities to health and vitality.

RIGHT: *master plan*







## NIKKO KIRIFURI RESORT

Master Plan | Ministry of Posts & Telecommunications  
Nikko City, Tochigi Prefecture, Japan

Andropogon was the landscape architect and site designer for a new resort hotel and spa complex located in a mountainous area of Japan adjacent to Nikko National Park. Although spectacular in its beauty, the site posed environmental challenges—complex land forms, steep slopes, highly erodible soils, and sensitive woodlands.

Developing the ecological site plan in coordination with architects Venturi, Scott Brown and Associates, Andropogon sited buildings, developed a stormwater management system that utilized a series of ornamental ponds, designed pedestrian and vehicular circulation, and directed the restoration of woodlands and a stream disturbed during construction.

The design vision of Kirifuri Resort is intended to evoke the character of a rural Japanese village within a forested setting. The site plan reinforced this theme by siting the new facilities, such as buildings, access roads, bridges, and parking in a context of natural woodlands with minimal intrusion in the landscape.

**2001 Design Merit Award** from the American Society of Landscape Architects for the Landscape Master Plan for Nikko Kirifuri Resort, Japan.

TOP: *overview of site showing mountainous backdrop*  
BOTTOM LEFT: *constructed waterfall*  
BOTTOM RIGHT: *path leading to Japanese water garden*

## SALVATION ARMY

Site Design | Ray and Joan Kroc Corps Community Center  
Philadelphia, Pennsylvania

Andropogon Associates is teamed with MGA Partners to provide site development and landscape design services for the new 87,000 s.f. Community Center for the Salvation Army. The new facility will be a highly diversified headquarters offering recreational facilities, job training, and educational and spiritual programs for the organization.

The existing project location, a contaminated brownfield site, was a poorly maintained parking lot. Andropogon developed a comprehensive, sustainable landscape approach to accommodate the diverse demands of the facility. Included in the plan is a synthetic turf field, playground, daycare with play lot, and an urban agricultural center. The site is organized around a central formal garden. Intended for ceremonies and outdoor events, the gardens are designed in sections so they can be expanded to accommodate larger gatherings

Almost 100% of the water-quality volume from the site and the building is reused. The highly contaminated first inch of runoff is harnessed and processed on site. The water is infiltrated, recycled as irrigation water and directed to an aesthetic raingarden. Nearly all of the site's existing hardscape was recycled and reused onsite with the goal of making this a "zero-waste" site.

Upon completion, the Community Center will be one of the region's most environmentally progressive sites to be reclaimed from a brownfield. In addition, the richly programmed landscape will respond to the city's most stringent sustainability codes

TOP RIGHT: *site program overlay*  
BOTTOM RIGHT: *entry perspective*







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