COPY

Professional Landscape Architectural/Engineering/ Architectural/Land Surveyor Services

for Truman Waterfront Upland Design and Construction Administration

RFQ No. 11-004

Submitted to
City Clerk
City of Key West
525 Angela Street
Key West, FL 33040

Submitted by
VHB MillerSellen

In association with
Hargreaves Associates; Heilman Architecture/ Peter Pike & Associates; IDEA, Inc.; McLaren Engineering Group; Avirom & Associates, Inc.; Lewis Longman Walker, PA; Prevost Stamper, Inc.; Nodarse & Associates, Inc.; TLC Engineering for Architecture

June 29, 2011

VHB MillerSellen

June 28, 2011

Ref: 82252.11

City Clerk
City of Key West
525 Angela Street
Key West, FL 33040

Re: RFQ No. 11-004 – Professional Landscape Architectural/Engineering/Architectural/ Land Surveyor Services for Truman Waterfront Upland Design and Construction Administration

Dear Selection Committee:

Vision…integrated services…record of performance. These are key attributes that the VHB MillerSellen (VHB-MS) Team brings to the development, design and delivery of the Truman Waterfront Park project.

The proposed 23 acre parcel, located on a portion of the former US Navy Truman Waterfront base, is adjacent to the heart of the City of Key West. As such, revitalization of this area will become a landmark destination for a constantly growing local and visitor population in an evolving mixed use residential district. The spectacular waterfront location and unique history of the site create a stage for a variety of outdoor and recreational experiences, while emphasizing the City's maritime traditions, present and past. Beyond serving as a symbol for the City's vision for the area, Truman Waterfront Park also will provide real amenities to area businesses, visitors and residences of Key West.

Because the project incorporates a number of diverse elements – community park, active and passive recreational uses, cultural functions, including an adjacent world class marina development – and because it must be integrated with surrounding neighborhoods and incorporate stakeholder input, the City needs a consultant who has a comprehensive understanding of the issues, multi-disciplinary capabilities, and an outstanding record of performance on public projects.

To meet the City's objectives and the Truman Waterfront challenges, VHB-MS has assembled a team of talented individuals, who have been hand-picked for their design management and technical skills, familiarity with the public bidding process, knowledge of Key West and Monroe County, and experience with public waterfront projects. VHB-MS is a multi-disciplinary, integrated services Florida based firm with landscape architecture, civil engineering and environmental permitting. In design partnership with Hargreaves Associates, an internationally renowned landscape architecture firm, VHB-MS has put together a very strong local and regional based team: Peter Pike & Associates/Heilman Architecture, an architectural partnership located in Key West and Orlando, as well as specialty subconsultants IDEA, Inc. (theming/branding), McLaren Engineering (marine/structural), Lewis Longman Walker, PA (land use attorney), Avirom & Associates (land surveyor), Nodarse & Associates, Inc. (geotech), TLC Engineering for Architecture (MEP/lighting), and Prevost Stamper Inc. (irrigation design).

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www.vhbmillersellen.com

Under the direction of our project manager, Chris Brown, RLA, the VHB-MS team is excited to work with the City of Key West Naval Properties Local Redevelopment Authority, and Community Stakeholders to implement the Truman Waterfront Park redevelopment strategy.

We have organized our proposal to respond directly to your May 8, 2011 Request for Qualifications.

We feel that the VHB team is the best team for the Truman Waterfront Park project because of the **vision** we share with the City of Key West for this important community park for the people of Key West; because of our multi-disciplinary, **integrated services** capabilities, and because of our collective and individual **records of performance**.

- Team members have significant **experience** with the public process, waterfront planning, design and implementation of complex, high profile projects. Chris Brown has personally led similar multi-disciplinary, multi-phased extended projects for public and private clients. Kirt Reider has been a part of numerous project teams as prime or has lead design efforts under the umbrella of a larger collaboration with engineers and architects.
- The team's **technical** approach includes a strategy for enhancing project delivery, and our **management** approach incorporates communication and quality into every aspect of the project. Key to our overall approach will be close **coordination** with the City staff and collaboration with stakeholders.
- Our understanding of **phased construction approach** creates distinct benefits for both the schedule and final project, allowing more time for park design and establishment of funding sources, less chance for negative impacts from construction activities, and ability to focus on **completing within the City's budget and time frameworks**.
- The proposed approach to design and construction documents is based on **economic realities**, balancing costs and material availability, environmental impacts, user needs and **anticipating** potential future infrastructure needs and maintenance costs.
- Our team members' wealth of knowledge and years of experience in waterfront projects allow us to bring **"lessons learned"** from other projects and appropriately consider them with the unique context of the Truman Waterfront annex area.
- The teams' approach to **sustainable design** incorporates both contextually sensitive public open space planning and green technologies, while addressing appropriate environmental, physical, maintenance and security issues.

We look forward to discussing our proposal in detail and please feel free to contact me if you have any questions or need additional information.

Sincerely,

VANASSE HANGEN BRUSTLIN, INC.

John R. Jennings, ASLA
National Director of Design

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We have made every effort to provide an organized and concise response to the City of Key West Naval Properties Local Redevelopment Authority's RFQ. The following is an overview of our team's submittal.

City of Key West/LRA Selection Criteria	VHB MillerSellen Submittal Section	Highlights
Specialized experience and technical competence of the firm or team of firms in the disciplines of landscape architectural design architectural design surveying and engineering of water-front areas, parks, multi use recreation areas and economic benefit facilities	Included in Section 1	• Unmatched experience in waterfront, marina, port facility design, public venue design, themed environment design, redevelopment planning and design, construction design and implementation • Results-oriented planning and design reputation
Other general expertise, experience, or abilities that the firm can bring to the LRA, particularly experience with the redevelopment of former naval facilities	Included in Section 2	• Strong local knowledge • Worked on multiple base reuse and redevelopment projects • Experience working with clients on economic development opportunities • An approach that is functional while maximizing the park's potential • Early planning for the eventual operations and maintenance for the park • Leaders in Sustainable Design
Professional qualifications of staff personnel	Included in Section 3	• Depth of experience of the individual team members' work in public waterfront redevelopment • Key members of the team have worked together on past projects similar to Truman Park
Ability of the services to be performed expeditiously at the request of the LRA. Location and availability of technical support people to the LRA	Included in Section 4	• VHB-MS has access to a private airplane enabling us to be in Key West on short notice if required • Proven project management and cost control measures already in place
Capacity to accomplish work within the required time frame and the proposed budget	Included in Section 5	• The VHB-MS team encompasses all of the skills necessary to perform the project • VHB-MS and team members have access to a deep bench of additional support staff and technical resources that are available should the need arise.

Section 1
Experience & Technical Competence

- Introduction
- Team Expertise and Technical Competence
- Vision
- Project Understanding
- Team Experience
- References

Section 1
Experience & Technical Competence

Introduction

As one of the largest redevelopment parcels in Key West, Truman Waterfront Park has a unique role in reshaping the future of the entire waterfront district. Envisioned as a great community park for the people of Key West while enhancing the qualities of its adjacent neighborhoods, the 23 acre Truman Waterfront Park will do much to establish an identity for this spectacular recreational area as a vibrant extension of downtown Key West.

We understand that the design effort for the Truman Waterfront Park is comprised of specific design and construction administration/inspection services over an initial five (5) year term. The design of the park as a landmark open space and major public destination, will meet the needs of its users – area residents, businesses, and visitors – with public facilities and scheduled community events and activities to become an important economic generator for the City of Key West. The park will capitalize on its historic waterfront location to create multiple view corridors to the harbor and improving access to the park facilities and Fort Zachary Taylor State Park to the south, while maintaining security for the Truman Annex Navy base.

The Truman Waterfront Park project provides an opportunity to integrate Key West's civic vision with the proposed Truman Harbor marina development and future private mixed use development projects on adjacent parcels. The design process should continue to engage the community (businesses and residents) in the program refinement, design development and construction phases, and long-term operations/management. Truman Waterfront Park will be an outgrowth of public involvement in the process through the City of Key West, ensuring that the concerns of the public agencies, private citizens and stakeholders have been adequately addressed.

With this understanding, VHB MillerSellen/Hargreaves Associates (VHB-MS/Hargreaves) have teamed together for this project. Our two firms' design, technical and management approach for delivering signature waterfront park projects will help the City of Key West reach their goals for the Truman Waterfront Park project. The team's firms, roles and responsibilities are summarized on the following page.

Roles & Responsibilities

VHB MillerSellen

Landscape Architecture
- Hardscapes including Benches and other Seating Facilities, Water Features, Walkways and Public Art
- Softscapes and Xeriscape Practices
- Signage and Wayfinding
- Site Design
- Bicycle and Pedestrian Planning
- "Green" projects
- Ecological and Environmental Design in accordance with section 255.2575(2) Florida Statue (Green Buildings/Construction)

Civil Engineering
- Roadway/Pedestrian access way design
- Parking lot design
- Utility design including water, sewer, stormwater, communications, and electrical
- Design within Special Flood Hazard Areas

Permitting
- Environmental permitting in South Florida for all phases of construction
- Public Input Processes Including Workshops, on-site meeting, Internet based information dissemination and gathering
- Compliance with Base Closure/Reuse Plans

Hargreaves Associates

Park Design/Landscape Architecture
- Active and Passive Recreational areas and facilities
- Restroom and Rest Area facilities
- Historic Resource Protection and Interpretation
- Visual and Spatial Analyses for Primary use Relationships and Natural Resource Protection
- Development of parks that are self sustaining
- Noise Control and Buffering
- Multi Use Facilities including Festival/Market Spaces
- Waterfront Design which integrates Upland Parks and Boating/Marina uses
- Facility Maintenance and Replacement Programming

Peter Pike & Associates/ Heilman Architects

Architecture Design
- Museum Design or historic markers
- Amphitheaters
- Event Plazas
- Transportation Multimodal Centers
- One and two story multi use office, institutional and retail
- Residential or residential/commercial mix
- Alternative Supplemental Energy Sources
- Defensible/Safe Space Design

Construction Oversight/Inspection
- Phasing schedules
- Cost Control
- Bidding Management Assistance
- Alternative Construction Methods Evaluation

IDEA, Inc.

Community Outreach
Theming & Branding

McLaren Engineering Group

Structural Engineering
- Waterfront design
- Structural Analysis (above and below water)
- One and two-story commercial, retail, institutional, and office buildings design
- Structural Permitting for Maritime Improvement

Lewis Longman Walker, P.A.

Permitting
- Conditional Use and Zoning Approvals and Concurrency Analysis
- Understanding of United States National Marine Sanctuary, Florida Area of Critical State Concern, Florida Outstanding Florida Waters, and other relevant classifications
- Environmental and Land Use law

TLC Engineering for Architecture

MEP/Lighting
- Site Lighting (site, pathways accent and emergency)

Avirom & Associates, Inc.

Surveying
- Topography
- Construction Control
- As Builts
- Permitting Certifications

Nodarse & Associates, Inc.

Geotechnical
- Environmental Remediation
- Soils Testing

Prevost Stamper, Inc.

Irrigation Design
- Irrigation Design and Water Consumption Analysis

Section 1: *Experience & Technical Competence*

Team Expertise and Technical Competence:

The VHB-MS/Hargreaves Team brings three primary attributes to the teaming for the Truman Waterfront Park: **vision, integrated services, and record of performance.** We believe they define "the best" team and are key to the City's goals for the project. Each attribute is discussed below and followed by a detailed overview of the VHB-MS/Hargreaves Team.

Our team is a thoughtfully crafted, strategically assembled group of the finest landscape design, engineering, community outreach and project management talent available – both locally and nationally. Our sole purpose is to deliver to the City of Key West Naval Properties Local Redevelopment Agency (LRA) a signature park for the Truman Waterfront area that is consistent with the history and character of the waterfront and surrounding community while establishing an important public open space for active use, well into the next century.

Vision:

Thoughtfully crafted, because we have brought together the technical and management skills needed to move the project from planning, through preliminary and final design, to construction with a design team with local and international experience and reputation.

Integrated Services:

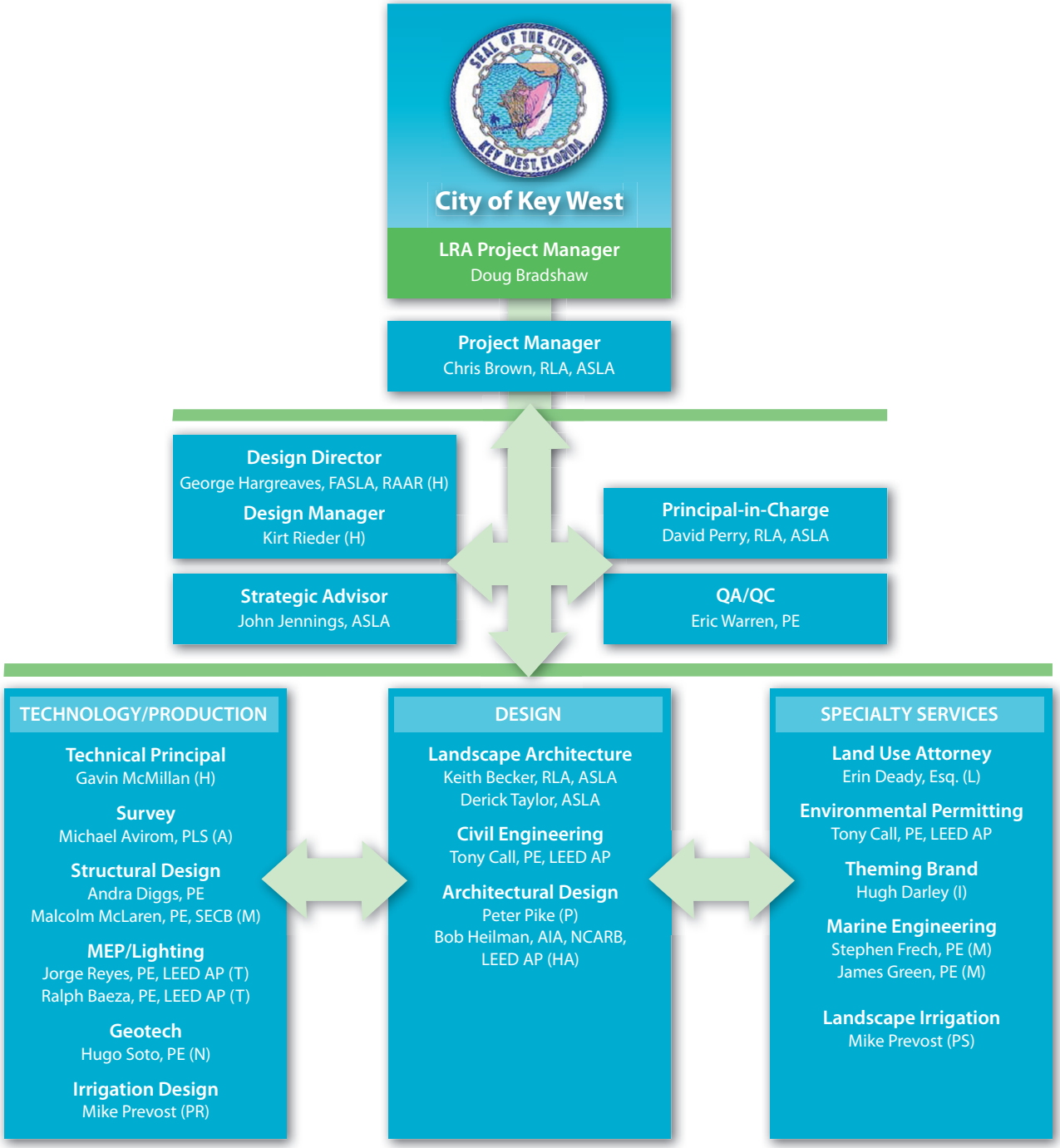
Strategic, because we hand-picked firms and individuals who are the "best in the business" – not only in terms of their specific areas of expertise, but also because of their ability to bring the design and project completion together in an effective and efficient manner, based on their experience with similar projects; familiarity with the site, with Key West and of the public process.

Performance:

VHB-MS is joined by Hargreaves Associates, an internationally renowned landscape architecture firm, and the local firms of Peter Pike Associates/Heilman Architects with completed projects for the City of Key West. All three primary firms have an exceptional track record of accomplishment in the design and construction of innovative, sustainable, high profile public projects.

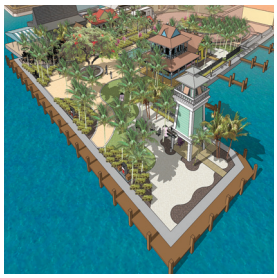
The VHB-MS/Hargreaves Team also includes the following key subconsultants:

IDEA, Inc.	Theming/Branding
McLaren Engineering	Marine Structural
Lewis Longman Walker, PA	Land Use Attorney
Avirom & Associates	Land Surveyor
Nodarse & Associates, Inc.	Geotech
TLC Engineering for Architecture	MEP/Lighting
Prevost Stamper, Inc.	Irrigation Design



Legend

A - Avirom & Associates
H - Hargreaves Associates
HA - Heilman Architecture
I - IDEA, Inc.
L - Lewis Longman & Walker P.A.
M - McLaren Engineering
N - Nodarse & Associates
P - Peter Pike & Associates
PS - Prevost Stamper, Inc.
T - TLC Engineering

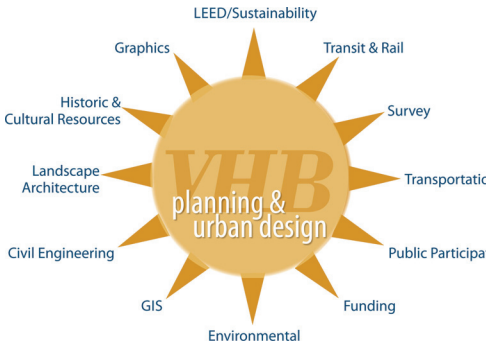


VHB MILLERSELLEN

VHB MillerSellen brings together a highly qualified group of specialists in public open space design. Our team has delivered innovative, creative, and pragmatic landscape architectural / urban design solutions for numerous clients throughout the eastern seaboard. Chris Brown, RLA, ASLA will be VHB-MS' project manager responsible for orchestrating all aspects of the City's Truman Waterfront Upland Design and Construction Administration project. Mr. Brown has over three decades of design experience throughout the Southeastern United States, Caribbean, Hawaii, Asia, and the Middle East. He will work with the City of Key West staff to transform the project's vision into reality by understanding the project context, environment and the economic viability resulting in solutions that are sustainable over the long term. John Jennings, ASLA, VHB-MS' Practice Leader for Design, has 40 years of experience in the design of complex urban waterfront environments. Projects he has managed and was lead designer for have stood the test of time and seen significant public use. Some of these include Boston's Waterfront Park, Rose Kennedy Garden, Long Wharf Restoration, Kingston Waterfront Park, Charleston Waterfront Park, New Market Creek Park and Quonset Point. These waterfront park projects all have evolved from redevelopment/reuse strategies for urban or military lands, each with issues of brownfields, utilities/infrastructure, access, and commercial use interface.

About VHB-MS

VHB-MS provides integrated planning, land development, transportation, and environmental services and has over 850 employees throughout New England, New York, New Jersey, Maryland, Virginia, North Carolina, and Florida. VHB-MS' two Florida offices house over 70 professionals. Since 1979, VHB-MS has partnered with private- and public-sector clients to provide the best design and technical skills in each of our practice areas through a seamless, integrated team approach to collaboration. To address our clients' dynamic needs, VHB-MS has continued to grow and hone a diverse workforce that delivers personal service, value, responsiveness, and excellence.



Planning & Urban Design

VHB-MS' expanding planning and urban design practice has worked with numerous municipal and regional planning entities throughout Florida to address planning and design challenges to deliver innovative solutions. We will tap into our previous municipal waterfront design experiences and understanding of comparable open space solutions around the world to bring forth individualized creative and innovative solutions for the City of Key West. Our strong reputation for results-oriented planning and design has been recognized through numerous presentations at local and national conferences and the receipt of several awards from the American Planning Association, Urban Land Institute, American Society of Civil Engineers, and the American Society of Landscape Architects. The success of the VHB-MS team is directly attributable to the available technical resources within our organization that enables us to provide our clients multiple design disciplines within an integrated approach to solving complex problems.

VHB-MS projects include planning and design related to land use/development, downtown revitalization strategies, urban/regional design, feasibility and site analysis, zoning, environmental analysis, natural resources, cultural and historical resource, transportation and traffic, site/civil and infrastructure engineering, management of the preparation of environmental impact reports and impact statements, and graphic design to communicate community vision. Our integrated services approach gives us the ability to develop project solutions that create bold and visionary outcomes while incorporating the technical expertise required to plan sensitive and complex sites.

Land Engineering

VHB-MS provides comprehensive land engineering for urban redevelopment services to public and private clients. VHB-MS' unique approach brings together skills in survey, environmental sciences, site/civil engineering, stormwater management, cost estimating, and management strategies. Careful research, assessment, and analysis of a project's existing natural and infrastructure conditions form the basis for innovative infrastructure development plans that support opportunities for creative open space solutions, framework for economic growth, improved lifestyle, and environmental stewardship.

Transportation

VHB-MS' transportation practice focuses on planning, design and construction of roadways, bridges, rail and transit systems and airports, as well as traffic and safety studies, parking analysis and facility design, and bike and pedestrian trail planning and design. VHB-MS' transportation team will work on access, parking management, bike/pedestrian trail connections, and pavement management strategies within a sustainability framework.

Environmental

As environmental regulations continue to evolve here in Florida, VHB-MS helps clients evaluate environmental constraints and opportunities, and then determine the best strategies to move projects forward successfully. VHB-MS offers strategic approaches to permitting, environmental assessments, water resources management, hazardous materials management, sustainability planning, environmental risk management, air quality and noise assessments, noise barriers, wetland assessments and mitigation, social and economic evaluations, historical/archaeological resource investigations, and brownfield site evaluations, including redevelopment plans. Our team is prepared to assist as scope needs are identified.

Public Participation & Outreach

Critical to delivery of creative contextual solutions, our senior design team includes some of the best facilitators of public process in the business. In fact, nearly all of our planners have completed the National Charrette Institute Charrette Planner® training program, with over 20 NCI Charrette facilitators within VHB-MS. With the need for communities be engaged in the design process, and how solutions affects and improve the quality of their community, there is a significant investment and commitment to stakeholder participation and outreach.

VHB-MS has the experience to offer a personalized civic engagement plan that caters to the project and stakeholder needs, as well as balances important planning/design goals. We have

Section 1: *Experience & Technical Competence*

a strong record of successfully facilitating the public process, including highly contested projects. We develop communications strategies with easily identified and user-friendly messages for communities, using creative methods in an established time frame such as printed materials, web based message delivery, and project sheets.

Sustainability by Design

Our interdisciplinary approach integrates engineering, planning, and science professionals, resulting in comprehensive and cost-effective solutions for projects. VHB-MS professionals are skilled at addressing design issues across a broad range of scales and contexts: from regional to site specific, from urban to rural, and encompassing commercial, residential, and natural environments. We have more than 85 LEED accredited professionals representing the major physical design disciplines, and have significant experience in the area of low impact design and stormwater management. Our staff has been involved with the LEED certification of more than 120 buildings.

HARGREAVES ASSOCIATES

Park Design/Landscape Architecture

VHB-MS has a working relationship with Hargreaves Associates and feel they will provide the City of Key West with unprecedented leadership in waterfront park design. Hargreaves is a professional consulting firm comprised of landscape architects and planners with offices in San Francisco, California, Cambridge, Massachusetts, New York City, and London. The firm is comprised of two senior Principals, eight Principals, four Senior Associates, and twenty-one other full-time professionals. The work includes a wide range of urban design, waterfronts, public parks, academic, corporate, institutional, and residential planning and design projects.

Since its founding in 1983, Hargreaves Associates has received has received 34 national awards from the American Society of Landscape Architects (ASLA), six from the American Institute of Architects (AIA), five from the Waterfront Center, three from Progressive Architecture and numerous international awards. The firm has been and continues to be published and exhibited nationally and internationally. The firm's work centers on planning and design that is specific to a site including its historical context, its natural processes and the uses aspired to for that site – and it embodies a commitment to civic vitality and creative solutions that meld cultural desires, functional needs and site.

The firm's organization centers on projects. The Principals and Associates assigned to a project remain committed throughout that project's life. Hargreaves Associates' projects encompass a wide range of scales and locations, both national and international. Several significant projects include:

- The Sydney 2000 Olympics Public Domain in Australia
- Louisville Waterfront Park in Louisville, Kentucky
- The Master Plan for the University of Cincinnati and the implementation projects for University Commons, Campus Green and Main Street at the University of Cincinnati in Cincinnati, Ohio
- Chattanooga 21st Century Waterfront Park in Chattanooga, Tennessee

- The Shaw Center for the Arts in Baton Rouge, Louisiana
- Guadalupe River Park in San Jose, California
- Crissy Field in San Francisco
- The William J. Clinton Presidential Center in Little Rock, Arkansas

Projects recently completed through construction include the South Pointe Park in Miami, Florida; the Dickinson School of Law in University Park, Pennsylvania; the Duke University Student Center Plaza in Durham, North Carolina; the 12 acre Discovery Green in Houston, Texas; and One Island East Plaza in Hong Kong. Projects currently under construction include the University of California at Berkeley Boalt Hall School of Law in Berkeley, California; the Brightwater Wastewater Treatment Facility in Seattle, Washington; the American Indian Cultural Center in Oklahoma City, Oklahoma; along with a number of projects for the Stanford University Science and Engineering and School of Medicine Master Plans.

New commissions include:

- The recently awarded Los Angeles State Historic Park in Los Angeles, California
- The London 2012 Olympics Public Domain and Legacy Park in the UK
- The New Orleans Reinventing the Crescent Riverfront Master Plan in New Orleans, Louisiana
- The Charles Hostler Student Recreation Center in Beirut, Lebanon
- Pennsylvania State/Mount Nittany Medical Center in State College, Pennsylvania
- The Forum Project for the University of Exeter Streatham Campus in Exeter, UK
- Belo Garden and Plaza in downtown Dallas, Texas
- Keppel Bay Condominiums in Singapore.

Additionally, Hargreaves prepared Riverfront Master Plans for several cities in the United States as well as along the Pearl River in Guangzhou, China. The implementation of work in such diverse locations is enabled both by travel and by digital transfer of drawing and image files, which is a routine component of the firm's practice.

Hargreaves Associates combines the skills of landscape architecture, planning, and urban design with related disciplines to create memorable environments. The work is characterized by a philosophy of strong, simple design that responds in innovative ways to the unique set of forces exerted upon each site from both cultural and environmental processes. This design philosophy is integrated with a clear understanding of costs, current construction techniques, and scheduling, with an all-important emphasis on the clients' needs and goals.

PETER PIKE & ASSOCIATES

Architecture Design

Construction Oversight/Inspection

Construction/Building Permitting

Peter Pike & Associates is a Key West based architectural firm. The firm has provided complete architectural and engineering services in Key West and Monroe County since 1988. Peter Pike

Section 1: *Experience & Technical Competence*

& Associates has contracted multiple projects and processed through Key West permitting and regulatory processes for municipal, private sector commercial and residential clients for the past 20 years. This firm is known as one of the most experienced Architectural & Engineering firms in Key West and Monroe County. The history, qualities and capabilities of Peter Pike & Associates make them ideally qualified to provide high quality and reliable Architectural & Engineering Services.

Peter Pike & Associates has refined the skills that are necessary for Local, State and Federal approval processes and unique challenges. Most of the past projects undertaken by the firm have benefited from its competency in understanding and incorporating of regulatory agency requirements and schedules. The firm has built a strong working relationship with Key West regulatory agencies and departmental personnel including the Building Department, Planning Department, FEMA, HARC and Bight Board as well as with the board of City Commissioners.

HEILMAN ARCHITECTURE

Architecture Design Support

Document Production

Constructability Analysis

For more than nine years, Heilman Architecture has been providing architectural service in Key West, Central Florida and the Caribbean. As the principal and driving force behind Heilman Architecture, Bob Heilman's philosophy of a balanced approach to project management, communication, scheduling and cost control ensures that, company-wide, each project is completed on time and on budget with minimal clarification required during construction.

Heilman Architecture strives to understand and respect the highly individualized needs and expectations of clients by establishing a mutually engaging environment. Bob Heilman will be assisting Peter Pike with architectural design, production, constructability and sustainability/technical resources.

Heilman Architecture is committed to the efficient and environmentally compatible and sustainable design. Opportunities are found in each project for the most effective use of environmentally sensitive materials and systems that are site-specific to the Florida and Caribbean environments. The balance between initial cost and life-cycle cost payback is constantly monitored throughout the design process.

TLC ENGINEERING FOR ARCHITECTURE

MEP/Lighting

TLC's approach creates outstanding MEP engineering solutions which enhance the architectural design while responding to the user's needs. Continuously achieving these goals has established TLC's reputation as a solid engineering leader in the public and private

construction. Their expertise in working with clients to understand impacts of life cycle demands and costs has led to innovative, sustainable design solutions

TLC has over 100 LEED-Accredited Professionals and 30 ACG-Certified Commissioning Authorities firmwide. TLC's design/commissioning portfolio includes 72 LEED Certified projects totaling more than 8 million square feet of certified sustainable space. The firm is committed to the 2030 Challenge, and has current experience in reaching net zero design solutions with a focus on Integrated Project Delivery.

NODARSE & ASSOCIATES, INC.

Geotechnical Services

Nodarse & Associates, Inc. was founded in 1991. In April of 2011, Nodarse joined Terracon Consultants, Inc. Terracon is an employee-owned engineering consulting firm with more than 2,700 employees providing geotechnical, environmental, construction materials and facilities services from more than 120 offices in 39 states nationwide.

Over the past 20 years, Nodarse has grown to be one of the most respected geotechnical engineering firms in the State of Florida. Nodarse's capabilities and expertise are in the fields of geotechnical engineering, environmental consulting, construction materials testing, threshold inspection, pile driving dynamic monitoring (PDA) and drilling. Nodarse's corporate headquarters is located in Winter Park and we will be working with their Miami office.

Nodarse's Construction Services Group includes a diverse team with certifications from the American Concrete Institute (ACI), the National Institute for Certification in Engineering Technologies (NICET), the Construction Materials Engineering Council (CMEC), American Welding Society (AWS) and the FDOT's Construction Training Qualification Program (CTQP) among others.

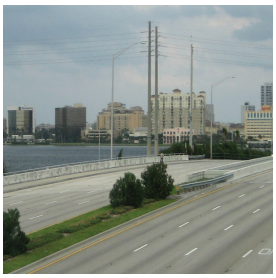
AVIROM & ASSOCIATES, INC.

Survey

Michael D. Avirom, P.L.S., founded Avirom & Associates, Inc. in 1981. This company is dedicated solely to the land surveying profession, with the philosophy of providing the highest quality product in a timely and professional manner. Avirom continues to achieve this through customer service, extensive knowledge of the land surveying profession and commitment to excellence.

Avirom has extensive knowledge and experience in providing the following surveying services: boundary surveys, AL TAIACSM land title surveys, as-built surveys, utility locate surveys, coastal mapping, construction surveys, permitting surveys, expert witness testimony, GPS control surveys, hydrographic surveys, legal descriptions, mean high water surveys, platting, plat review for compliance with Chapter 177, restoration of corners, right-of-way surveys, route surveys, specific/special purpose surveys, submerged land lease surveys, topographic surveys and wetland location surveys.

Section 1: *Experience & Technical Competence*



LEWIS LONGMAN WALKER, PA

Permitting

Lewis, Longman & Walker has been helping shape Florida's future since its inception in 1994. LLW provides solutions to the problems facing Florida's individuals, businesses and governments, especially issues associated with the myriad of current local, state, and federal laws and regulations. Ms. Erin Deady assists clients before local, state and federal agencies, on permitting, growth management/comprehensive planning and zoning decisions, climate change/energy/green building and coastal zone issues. The firm's vision is personalized high quality legal services, focusing on specialized and often technical areas of environmental and land use law, government relations, public finance and real estate law. LLW is currently actively working with Monroe County on their growth management plan update. They have significant waterfront land use experience. Currently, there are approximately 33 lawyers and a total of about 66 employees firm-wide. Services will be provided from their West Palm Beach office.

MCLAREN ENGINEERING GROUP

Marine Structural Engineering

Founded in 1977, McLaren Engineering Group has a 34-year history of providing multidiscipline consulting engineering services to clients worldwide, headquartered in West Nyack, NY, with offices in Orlando, FL; New York City, NY; Baltimore, MD; Meriden, CT; and San Luis Obispo, CA. McLaren has a long history of combining site/civil and marine engineering services for remediation of existing marine installations and meshing site/civil and structural engineering services for new landside facilities. McLaren's experienced staff of marine and ocean engineers possesses expertise in design of all types of marine structures, including piers, wharves, bulkheads, floating docks, dams, and floating terminals, built to different criteria for numerous applications. They are familiar with both traditional and advanced materials and various methods of construction, costs, specifications, and means of analysis. Three McLaren Marine Terminal Designs in the New York Metropolitan Area recently received design awards: Port Imperial Terminal; Battery Park City Ferry Terminal; and Hoboken Ferry Terminal.

IDEA, INC.

Community Outreach

Theming & Branding

Founded in 1995 by themed entertainment veteran Hugh Darley, IDEA, Inc. is an international design and planning firm that oversees the conceptual design and production of branded destinations for the hospitality, entertainment, and tourism industries. IDEA's custom-tailored project teams are selectively drawn from a talented, multidisciplinary network of industry leading planners, designers, and artists.

IDEA is currently an industry leading designer of branded port of call destinations, specializing in marine and waterfront development for signature port attractions. IDEA has worked with the private developers, government ministries, and independent agencies to create branded port of call destinations in Alaska, Saint Lucia, Saint Maarten/Saint-Martin, Mexico, Saint Kitts, and Jamaica. Additionally, IDEA provides consultation and owners representation services to ensure that each IDEA project maintains its distinctive vision and design integrity from conception all the way to construction.

PREVOST STAMPER, INC.

Landscape Irrigation

Prevost Stamper Incorporated is an irrigation consulting firm working with landscape architects, engineers, and municipalities since 1986. They provide irrigation master planning, construction drawings, technical specifications, and project reviews during construction of irrigation systems. Water conservation is an important part of their practice, and they always promote the sustainable use of all water resources

VISION

Truman Waterfront Park has a unique role in shaping the future for the Key West waterfront area. In 1995, the Naval Air Station (NAS), of Key West, Florida, was designated for realignment by the Federal Base Realignment and Closure Commission, including the Truman Waterfront Parcel. The City of Key West Local Redevelopment Agency (LRA) Base Reuse Plan was approved in August 1998.

In 1999, the City adopted modifications to its Comprehensive Plan to establish Land Use Classifications (zoning) for the Truman Waterfront. The zoning was developed based on the uses developed in the Base Reuse conceptual plan. The Economic Developed Conveyance (EDC) for acquisition of the property was approved by the BRAC Commission and the property was conveyed to the City in November 2002. The original 50-acres identified in the Base Reuse Plan were reduced to approximately 34-acres. The remaining 16-acres were retained by the Navy. The City held a series of community meetings to reduce the original concept plan to fit the new parcel. The LRA approved that conceptual master plan for the Truman Waterfront in July 2005.

In July 2008, the City advertised Request for Proposal which offered the opportunity for development of a marina and upland area based on the conceptual plan and zoning on the property. The development proposal negotiations did not work and the City retained approximately 23-acres of the upland property for development. Lease negotiations for the marina and 3-acres of upland are being held separately with a private developer.

As a ***landmark open space*** and a major public destination, the 23-acre park will do much to establish a new waterfront recreational district as a vibrant extension of the City of Key West. The VHB-MS Team is excited about the City's vision for the Truman Waterfront. We understand the key issues, constraints and development potential associated with the site, and the need to integrate with other projects in the area and the community. We feel the park and

associated facility improvements must address how the park fits into this broader picture while standing on its own merits; how it is distinct yet also part of the district; and how it is a link that will help weave together the waterfront community.

The importance of the park to the City of Key West cannot be understated. With the vast extent of private and semi-private development along the waterfront, the Truman Waterfront Park and Fort Zachary Taylor State Park to the south, represents the last significant truly public open spaces. Community members will have specific programming and design requests which may be incorporated into final plans if feasible. A park that meets the needs of its surrounding community will be more actively used and a more vital place if supported by its neighbors.

Working in close collaboration with the LRA and the City of Key West, the community and other stakeholders, our work will result in a successful public process as well a delivery of a successful Truman Waterfront Park project.

Project Understanding

VHB-MS and Hargreaves are committed to the integration of people, nature, economic forces, and technology in the creation of a realistic vision for the Truman Waterfront Park. Based upon the strong historical programming and vision alternatives developed for both public and private waterfront land uses, we seek to build upon past conversations to create a functional, cost effective and holistic vision plan and implementation strategy for phasing that will enhance the quality of residents and visitors to Key West in a progressive and logical manner.

We believe that this project should reflect a philosophy that a City is "a work of art" that is built upon the history, communal knowledge and the daily life of the community. Looking at a City as Art requires a holistic design approach. Applying this philosophy we recognize the park's linear nature, its need for connectivity to the maritime activities, neighborhoods, and internal program needs. Therefore, it is important to integrate the mix of uses and park programs within a clear phasing strategy that gives the public access to the waterfront early on and continues to build as later phases come on line to complete the final artistic ensemble.

How to integrate the waterfront redevelopment and the park with economic benefit aspects into an overall total project design with historic continuity, functionality, public acclaim, profit generation?

Design of a public waterfront park is at the most fundamental level about providing a public accessible landscape venue for leisure recreation, special events, and social interaction. The Truman Waterfront Park will become a new catalyst /"people collider" for the City. A place where visitors from all social, economic and ethnic backgrounds, mix of locals and tourists, ages and skills can find a safe, common environment for informal recreation and participation in special programs and events. The Truman Waterfront Park provides an alternate, low-intensity civic environment to that of the hustle and bustle of the Duval Street commercial

district. But it also becomes an important location to offer the City an opportunity to celebrate community spirit and reflect cooperation between public and private sectors through adjacencies to new development projects and remaining naval activities.

How to maximize recognizing the unique and dynamic open space character for the next century?

VHB-MS and Hargreaves have identified the following framing elements that need to be addressed in the evolution of a final plan and detailed park design:

View corridors – the site is highly visible from a variety of locations. The position of program elements should create focal points and project landmarks that help users with wayfinding from landside and waterside locations.

Contextual Fit – the urban quality of the project could be irreparably damaged by a plan derived with suburban principles. The waterfront should set a form that is an extension of the historic urban fabric of the neighborhoods. Open space and street /pedestrian connections need to engage the community and make the waterfront an accessible component of their community. The existing street systems should support access for park users by taking advantage of strategically located access points and encourage support of pedestrian and non vehicular (bicycles) circulation needs. Service area and access should be separated for pedestrian and park access as much as possible.

Parking should be balanced and provide convenient connections to use generators and provide suitable locations for daily use by visitors and locals. Parking should be located to minimize the impact of parking on the park – its views, its inherent qualities and a sense of an auto free environment.

Open space and landscape – the range of open space systems should be provided to address waterfront activity and pedestrian movement. The open space should be linked through use of greenways, street patterns and multipurpose program spaces. Program considerations for prevailing winds, sun orientation, shade and shadow, and shelter should be recognized in order to capture the uniqueness of the setting and waterfront location.

Utilities –existing utility infrastructure should be reviewed to maximize reuse opportunities or introduction of new strategies for providing water, sewer, and storm water services to the site. Design of new infrastructure will need to provide ease of access, simplicity of phasing and long maintenance understanding. Strategies for water harvesting and grey water reuse should be a key strategy and could become a key component in the framework for final planting strategies.

Architecture – studies will need to be done to set a framework and respond to the park user. The buildings within the park may reflect the historic character of the city or could easily be a bold modern statement of unique quality. Key will be working with the community stakeholders to define the overall theme for new structures.

Lighting – Exterior lighting provides illumination and security. As a design element it also provides an important sense of continuity of elements helping pull together various parts of the larger whole.

Section 1: *Experience & Technical Competence*

Signage – in order to reinforce the history and context of the park within Key West, a comprehensive approach to wayfinding and conveyance of a variety of messages is an important design element in park design. Signage should guide the user through a hierarchy of district recognition, entrance, building identity, directional / regulatory information, and identification of specific uses.

Public Art – the public nature of this park invites a wide variety of art and suggests a balance of educational and the entertaining aspect of story. Opportunities for engagement of local and regional environmental or installation artists in the design process and final inclusion of selected works can build upon the reputation of Key West as unique and viable resource for engagement of public art.

Historical touchstones -the site is a place to celebrate the unique environment of the Keys while recognizing the history and evolution of this important public space. The Truman Park landscape can be the touchstone for connections to the history of the City and the more specifically the park site- whether natural systems, military, commercial industry driven - providing a research-based narrative describing the physical formation of the site within its neighborhood, and the cultural forces which shaped the settlement of this historic waterfront site. Historic continuity can be made physical through the selection of regional or native plant selections, and the use of building materials readily available to the region, in effect, making sustainable choices for cost effective construction and long term maintenance helps to visibly root the park design as part of historic continuity of past to present to future.

Safety and Security - public open space must be defensible. Parks and pedestrian ways need to be designed to allow users to feel safe and secure 24 hours a day. Views into and from the core program areas are important in engaging users and adjacent land users to maintain "eyes on" relationship.

Sustainable Design / Stewardship – the development of any new project must be responsive to the finite nature of natural resources and energy. The Truman Waterfront Park should seek opportunities to utilize wind/solar, recycled and recyclable materials, creative stormwater / reuse strategies, and xeriscape principles in landscape design.

Operations and maintenance issues are central to the design process and final solutions and should focus upon public health, asset value, maintenance costs now and in the future, and aesthetic enhancement.

Team Experience

The VHB-MS/Hargreaves Team, individually and as whole, has tremendous experience in waterfront, marina, port facility design, public venue design, themed environment design, redevelopment planning and design, construction design and implementation. We have worked on projects similar to this in Florida and throughout the Caribbean. The projects highlighted on the following pages showcase the depth and variety of experience of the team.

Integrated Services

Our Team offers the City of Key West more than just a menu of multi-disciplinary services. ***VHB-MS, is, by its very nature an integrated services firm.*** We are an 850-person land development, transportation, and environmental services firm in 20 offices from Vermont to Florida, with over 70 professional engineers, planners and landscape architects and scientists working in our Orlando and Sarasota offices. For 30 years, VHB-MS has been working with multi-disciplinary consulting teams in our work with cities, towns and major agencies, providing an array of design services to satisfied clients.

Record of Performance

As the prime consultant, ***VHB-MS is ideal to lead the development of the Truman Waterfront project.*** VHB-MS possesses not only the necessary integration of landscape architecture, civil engineering and environmental skills, but also the most comprehensive understanding of the Key West redevelopment efforts both above-ground from our exceptional landscape architecture and infrastructure design work and below-ground through our stormwater and utility experience.

While many firms may have been involved in the area, the VHB-MS Team members also have worked directly with the City of Key West on continuing services projects. Because the VHB-MS Team has been involved in Key West projects, we understand how the park will be integrated into surrounding neighborhoods. We are committed to ensure the successful connection to the downtown Key West district and various existing and proposed developments in the surrounding areas

The VHB-MS Team's project manager, Chris Brown, has a personal record of performance on similar long duration waterfront projects. He has been chosen to lead the VHB-MS Team for the Truman Waterfront Park project for several reasons, including his considerable experience with and knowledge of the challenges associated with waterfront projects. Specifically, his involvement on the Island of Antigua for the International Airport Development Master Plan and elsewhere in the Southeastern United States have given him a detailed understanding of the complexities of delivering the vision and meeting the objectives for the Truman Waterfront Park redevelopment.

Section 1: *Experience & Technical Competence*

Hargreaves' record of performance is internationally recognized through their reputation as a creative urban design and landscape architecture firm. Hargreaves has an extraordinary portfolio of award-winning public design projects throughout the world, including:

- AIA Honor Award (2009) for South Point Park, Miami
- Houston's Downtown Park (2010) Green Good Design Award
- Peter Youngman Award for 2012 Olympic Park, London

They are key players in many waterfront planning and design projects, including redevelopment of former military facilities such as Crissy Field in San Francisco.

Finally, Key West based Peter Pike Associates and Heilman Architecture's record of performance is demonstrated through their significant projects in the Keys and proven ability to navigate the regulatory and approval process in the City of Key West and Monroe County.

We will take advantage of our pre-existing working relationships to deliver seamless services for this important project. The City of Key West will feel confident that VHB-MS as the prime consultant will manage the project from a position of strength and leadership. VHB-MS' size, stability, multi-disciplinary capabilities and depth of staff eliminate the need for an unmanageable number of subconsultants. VHB-MS has the resources and record of performance to assure the City of Key West of our ability to successfully lead this project. Our team's relevant project experience is included on the pages that follow.

Summary

Why is the VHB-MS/Hargreaves Team your best choice for the Truman Waterfront Park? The VHB-MS Team has been assembled for the sole purpose of delivering a signature park for the City of Key West. We understand and share the City's **vision** for the park and the surrounding area; our **integrated services** capabilities and approach assure the City of Key West of a strong prime consultant who can deliver; our **record of performance** is demonstrated in each team's firm and in each proposed individual assignment. The team has a demonstrated ability to provide leadership during all phases of a complex public project such as the Truman Waterfront Park, and Chris Brown is the right person to serve as project manager.

References

VHB-MS/Hargreaves have enjoyed successful working relationships with a multitude of clients over the years. We encourage you to contact the references Included in the table below.

Name	Company	Telephone
VHB MillerSellen		
Michael Simon *Development Manager*	Boynton Beach Community Redevelopment Agency	(561) 737-3256
Tim Ford *CRA Administrator*	City of Palm Bay Bayfront Community Redevelopment Agency	(321) 409-7187
David Pace *President*	New Broadstreet Management	(407) 206-7232
*Mark Pavluvcik	Stanford Development Company, Ltd.	(869) 767-2700
Hargreaves Associates		
Greg Moore *Executive Director*	Golden Gate National Parks Conservancy	(415) 776-0693

**Work performed by Chris Brown prior to joining VHB-MillerSellen*

Section 1: *Experience & Technical Competence*

VHB MillerSellen

Client Name
Stanford Development Company, Ltd.

Client Contact
Mark Pavluvcik

Client Address
PO Box 2125
Basseterre, St. Kitts, WI

Client Phone
(869) 762-2700

Design Fee
$75K - $150K
average per project
(over 12 yrs)

Estimate of Construction Cost
$6M

Project Description: **Airport Development Master Plan - *Antigua, West Indies***

Key Personnel Involved / Role
Chris Brown, RLA, ASLA / Project Manager, Landscape Architecture

This 60-acre, mixed-use project is adjacent to the V.C. Bird International Airport and features an array of themed venues supporting the island's noted game of cricket. The site is designed to host visitors in its stadium with a grandstand with terraced seating for 4,500, themed casual and fine dining restaurants overlooking the cricket grounds, a first-class fitness and health spa and the Antigua Athletic Club. Serving as master planner and project landscape architect over the course of 12 years from 1995 to 2007, Chris Brown provided project management overseeing a team of local and international design and construction consultants.

Overlooking the Antigua International airport, this iconic observation tower includes two large water features, lush landscaping, interpretive signage and winding pathways. The 70-foot, 82-step Tower serves as Antigua's newest architectural landmark, honoring the nation's heritage and providing a panoramic view of its natural beauty. Chris Brown provided leadership as design and creative director to achieve a unique natural appearance for the landscape setting and water features using native and naturalized plants and locally quarried stone.

Client Name
Boynton Beach Community Redevelopment Agency

Client Contact
Michael Simon
Development Manager

Client Address
915 S. Federal Highway
Boynton Beach, FL 33435

Client Phone
(561) 737-3256

Design Fee
$694,000

Estimate of Construction Cost
$9.6 M

Contractor Name
KL Construction

Contractor Phone
(561) 361-6700

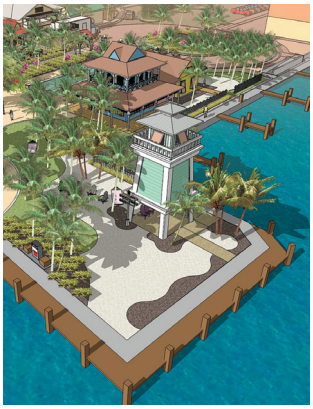
Project Description: **Boynton Harbor Marina Redevelopment Master Plan - *Boynton Beach, Florida***

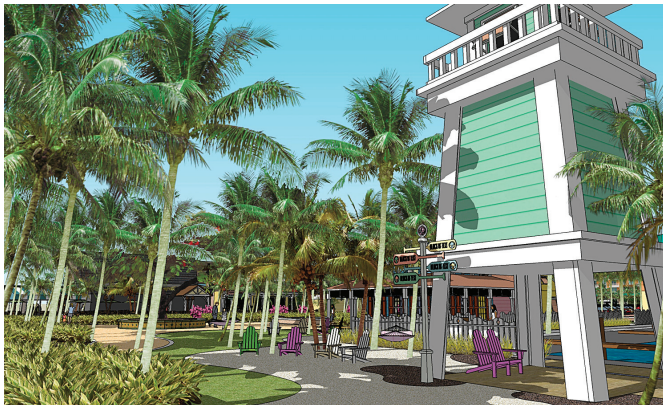
Key Personnel Involved / Role

David Perry, RLA, ASLA - Project Manager, Sr. Landscape Architect
Keith Becker, RLA, ASLA - Project Landscape Architect
Derick Taylor, ASLA - Project Landscape Architect

VHB MillerSellen is helping the Boynton Beach Community Redevelopment Agency (CRA) guide redevelopment within their 1,650-acre area. Through a continuing contract, we are providing ongoing professional design services including planning, civil engineering, landscape architectural, and graphic design services. VHB MillerSellen is also serving as the prime management consultant for other services that include minor architectural and marine engineering project design. Several public/private partnerships are currently underway in the CRA. One of VHB MillerSellen's first design initiatives is to design the redevelopment of newly acquired public marina facilities and associated public access areas. The marina, located on the Intercoastal Waterway, will become a major public amenity and an important contributor to the core downtown area. VHB MillerSellen's initial task was to create a master plan that integrates the varied public activities of the marina and connectivity to adjacent private commercial and residential uses. Some of these uses include charter fishing boats, fuel docking, restaurants, private boat slips, and dive shop operations. VHB MillerSellen is analyzing: vehicle, boat, and pedestrian circulation; building massing; utilities and stormwater infrastructure; bus/mass transit routes; building spatial arrangements and functions; open space and buffering opportunities; and surface and structure parking. Based on this analysis, we will develop a master plan that provides public waterfront access and direct connectivity between all public and private parcels surrounding the marina area.

We will also develop designs for gateway elements, streetscapes, and master signage theming. VHB MillerSellen is providing 3-D visualization modeling of the project for presentation at public meetings in an effort to create a better level of understanding as well as to solicit constructive design input.





Section 1: *Experience & Technical Competence*

VHB MillerSellen

Client Name
City of Palm Bay Bayfront Community Redevelopment Agency (BCRA)

Client Contact
Tim Ford, CRA Administrator

Client Address
3790 Dixie Highway NE, Unit B
Palm Bay, FL 32905

Client Phone
(321) 409-7187

Design Fee
$85,000

Project Description: **Palm Bay Bayfront Village Master Plan** ***- Brevard County, Florida***

Key Personnel Involved / Role
David Perry, RLA, ASLA - Project Manager, Sr. Landscape Architect
Keith Becker, RLA, ASLA - Project Landscape Architect
Derick Taylor, ASLA - Project Landscape Architect

VHB MillerSellen was selected by the City of Palm Bay Bayfront Community Redevelopment Agency (BCRA) to amend their redevelopment plan to bring it up to date and to assist them in developing a structured plan for future implementation of projects, recommended strategic property acquisitions, private infrastructure improvements, and recommended modifications to their current Comprehensive Plans and Land Development Code to encourage sustainable redevelopment and infill development. As part of this process, VHB MillerSellen conducted a series of public interviews, workshops and real estate forums to gain better public perspective and perception of what was needed to help energize redevelopment activities. This information was then presented to both the BCRA Board and the City Commission along with our recommendations for an action plan.

As part of this action planning process VHB MillerSellen identified that the BCRA had a primary redevelopment project that was clearly a "catalyst" for redevelopment. This project was the Bayfront Village area. VHB MillerSellen was subsequently engaged to develop a detailed conceptual master plan for the Bayfront Village and public marina area. The focus of this plan was to develop a cohesive vision for the a significant water frontage area along the Indian River Lagoon that provided for a mixture of lands uses including retail, office, residential, and restaurants with the common goal of creating a pedestrian oriented village with direct ties to the public waterfront and recreational activities areas. This plan provided a structured phasing program with recommendations for strategic property acquisitions, a pedestrian/bicycle connectivity master plan, a drainage analysis for the development of a master stormwater system, and a detailed costing breakdown to assist in budgetary programming.

Client Name
Falcon Commercial Development

Client Contact
Evan Rabinowitz

Client Phone
(954) 444-6832

Design Fee
$194K

Estimate of Construction Cost
$3.5M

Project Description: **Summerport Village Center - *Orange County, Florida***

Key Personnel Involved / Role

David Perry, RLA, ASLA - Project Manager, Sr. Landscape Architect
Keith Becker, RLA, ASLA - Project Landscape Architect
Derick Taylor, ASLA - Project Landscape Architect
Eric Warren, PE - Project Engineer

The Summerport residential development in West Orange County Florida includes 2,300 units on 1,100-acres. VHB MillerSellen was commissioned to design the Summerport Village Center.

We designed the mixed-use village to serve both the residents of the Summerport Community, as well as several large residential communities in the surrounding area. The village center development program consisted of 330 multi-family and condominium units, 160,000 square feet of commercial retail, and 70,000 square feet of office space.

Section 1: *Experience & Technical Competence*

VHB MillerSellen

Client Name
IGY Marinas, Inc.

Client Address
5304 Yacht Haven Grande
Suite 100
St. Thomas, USVI 00802

Client Phone
(340) 774-9500

Design Fee
$350,000

Estimate of Construction Cost
$22 M

Contractor Awarded Amount
$22M

Contractor Name
ATM Construction

Contractor Contact
Esteban Biondi
Senior Engineer / Regional Marina Team Leader

Contractor Address
400 S. Australian Ave
West Palm Beach, FL 33401

Project Description: **Yacht Haven Grande Marina - *St. Thomas, USVI***

Key Personnel Involved / Role
David Perry, RLA, ASLA - Project Manager, Sr. Landscape Architect

One of VHB MillerSellen's lead landscape architects provided full master planning, thematic and landscape architectural design for this mega yacht marina and shopping village.

This project was designed to support the docking expansion of smaller cruiseship vessels and mooring for up to 60 mega yachts. At build-out, this project will include a private 45-suite yacht club hotel and resort, pool amenity, a village-style retail shopping and dining complex to support both private yacht owners as well as other guests of the exclusive St. Thomas East End Resorts.

Client Name
New Broad Street Management

Client Contact
David Pace – President

Client Address
P.O. Box 149207
Orlando, Florida 32814-9207

Client Phone
(407) 206-7232

Design Fee
$350,000

Project Description: **Baldwin Park Redevelopment - *Orlando, Florida***

Key Personnel Involved / Role

David Perry, RLA, ASLA / Senior Landscape Architect
Keith Becker, RLA, ASLA / Project Landscape Architect
Derick Taylor, ASLA / Project Landscape Architect

When the Orlando Naval Training Center was closed in 1993 and sold to the City of Orlando, the 1,100-acre site represented huge opportunities for redevelopment. Orlando searched for consultants to develop a master redevelopment plan to turn the city's vision for the urban infill site into a reality. In a highly competitive contest, VHB MillerSellen was part of the winning team whose plan reflected the concept of new urbanism, including a mix of residential and commercial development, a focus on sustainability, and the use of Traditional Neighborhood Design (TND) entitlements. It also considered the features and styles of the surrounding areas to ensure the final redevelopment would fit seamlessly in the context of the larger community well into the future.

The role of the VHB MillerSellen team continued from inception to completion—we provided ongoing consulting from refining the TND entitlements through delivering civil engineering and landscape architectural services. The team's design accommodated plans for nearly 3,700 houses, condominiums, and apartments; 310,000 square feet of retail space; 1.9 million square feet of office space; and two schools. Additionally, the team planned for a seamless connection of new roadways with the existing network to connect all the elements of this live-work-play development.

Section 1: *Experience & Technical Competence*

VHB MillerSellen

Client Name
Government of St. Maarten, NA

Client Contact
Richard van der Mark

Client Phone
(599) 542-8506

Design Fee
$285K

Estimate of Construction Cost
$6.5M

Contractor Awarded Amount
Pending

Contractor Name
Pending

Project Description: **Phillipsburg Simpsons Bayfront Promenade - *St. Maarten, NA***

Key Personnel Involved / Role
David Perry, RLA, ASLA / Project Manager, Sr. Landscape Architect

Commissioned by the government of St. Maarten, NA and teamed with Ballast-Nedam Engineers, this scope of this project was to recreate a 1.8 mile historic beachfront promenade that had been destroyed over the years by hurricane activity. The design of this project included the restoration of the beach area through a beach renourishment process, the design of a linear pedestrian promenade that provided connection to the adjacent historic Front Street area, development of a multiple outdoor café and bar areas and connections to the beach area, development of themed signage and wayfinding elements along the promenade, and the installation of lush tropical plant material and palms along the entire length of the boardwalk to accentuate the tropical environment.

Client Name
Government of St. Maarten, NA

Client Contact
Richard van der Mark

Client Phone
(599) 542-8506

Estimate of Construction Cost
$18.5M

Contractor Awarded Amount
$18.5M

Contractor Name
Ballast Nedam

Contractor Address
P.O. Box 1339
3430 BH Nieuwegein
The Netherlands

Contractor Phone
+31 (0)30 285 33 33

Project Description: **Cruise Ship Port Facility Visitor Entertainment Complex - *St. Maarten, NA***

Key Personnel Involved / Role

David Perry, RLA, ASLA / Project Manager, Senior Landscape Architect
Keith Becker, RLA, ASLA / Project Landscape Architect

Cruise ship port facility entertainment complex commissioned by the Government of St. Maarten, NA. This project was designed to create a highly themed waterfront pedestrian recreational, shopping and entertainment village for the disembarking cruise ship passengers. Mr. Perry served as principal designer for both the Master Plan and all associated landscape architectural design and field construction management. This project remains one of the most successful revitalization projects in the Caribbean and serves as a catalyst model for other port cities and the urban redevelopment of downtown Phllipsburg, St. Maarten.

Section 1: *Experience & Technical Competence*

VHB MillerSellen

Client Name
Government of St. Maarten, NA

Client Contact
Richard van der Mark

Client Phone
(599) 542-8506

Design Fee
$85K

Estimate of Construction Cost
$16M

Contractor Name
Ballast Nedam

Contractor Address
P.O. Box 1339
3430 BH Nieuwegein
The Netherlands

Contractor Phone
+31 (0)30 285 33 33

Project Description: **Waterside Festival Plaza - *St. Maarten, NA***

Key Personnel Involved / Role
David Perry, RLA, ASLA / Project Manager, Senior Landscape Architect
Keith Becker, RLA, ASLA / Project Landscape Architect

Commissioned by the government of St. Maarten, NA, this project was designed to support the exploding cruise ship industry in this country. Currently under construction, this project will serve during peak capacity over 10,000 cruise ship passenger daily. Designed for both a day time and night time entertainment complex this project was designed for both island residents as well as tourists, this project brings alive the environment of the Caribbean lifestyle through it connection to the waterfront, its architecture, materials and lush tropical landscape and waterscapes.

VHB MillerSellen

Client Name
County of York

Client Contact
Joe Sissler

Client Address
224 Ballard Street.
Yorktown, VA 23690-0532

Client Phone
(757) 890-3300

Design Fee
$ 700,000

Estimate of Construction Cost
$8M

Contractor Name
Water side:
Coastal Design & Construction
Landside:
WM Jordan

Contractor Contact
Jim Gunn
Coastal Design & Construction

Contractor Phone
(804) 693-4158

Project Description: **Yorktown Riverwalk Landing - *Yorktown, Virginia***

Key Personnel Involved / Role
Tim Hogan, PE, LEED AP / Site Civil
Neville Reynolds, PWS / Environmental
Vik Desai, PE / Site Civil

VHB worked as a part of a design-build team to prepare the design and provide construction phase services for York Landing, a revitalization project on the Yorktown waterfront. This $10.5 million site development project supports 20,000 square feet of restaurant and retail space, as well as small boat piers. Also included in the project was a 22,000 SF, two-level parking terrace that cost approximately $1.7 million. The project was accomplished as a public-private partnership and was completed in 2005.

The waterfront along the York River has been a focal point and service area for Yorktown since colonial times, but pedestrians were cut off from the water by the roadway and businesses had minimal parking backed onto the road. York Landing changed this waterfront into a major pedestrian plaza with a waterfront walk that is part of a onemile walkway that connects to the Yorktown Battlefield Park and its national park headquarters, as well as to the Yorktown Victory Center. The architectural style of the buildings reflects the colonial period that is prevalent in the Yorktown Village. The plazas and walks are constructed of pavers in several patterns to reflect the diverse character of colonial walks. The design includes passive seating areas and blocks of formal landscaping and an outdoor performance area.

In addition to the design services for all of the site work and utilities, VHB prepared topographic surveys, subdivision plats and construction layout for the project.

Section 1: *Experience & Technical Competence*

VHB MillerSellen

Client Name
City of New Bedford, Harbor Development Commission

Client Contact
Ed Doherty, Marina Consultant Corporation

Client Address
153 Lowells Lane
PO Box 777
Marten Mills, MA

Design Fee
$76,200

Estimate of Construction Cost
$1.6M

Contractor Awarded Amount
Project on Hold

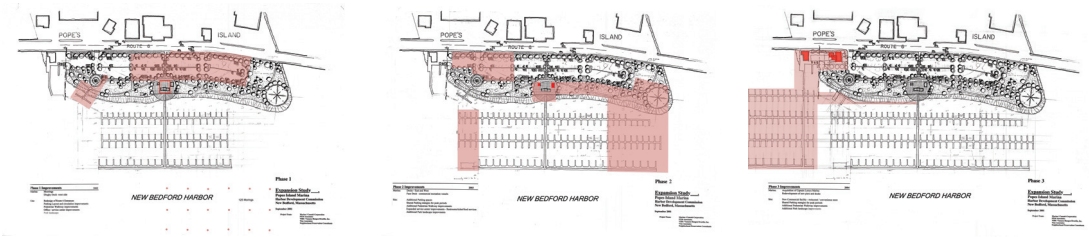
Project Description: **Master Plan for Pope's Island Marina Park - *New Bedford, MA***

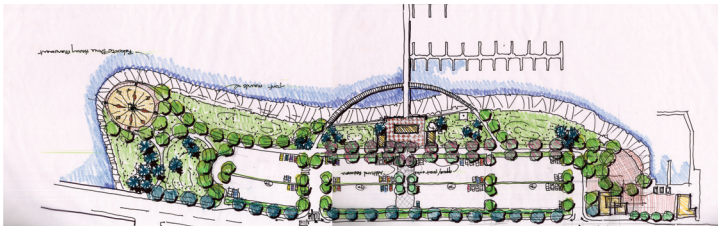
Key Personnel Involved / Role
John Jennings, RLA / Principal-in-Charge, Project Manager

The City of New Bedford, under the leadership of the Harbor Development Commission, recognized opportunities for economic development, improved public access and recreational opportunities through expansion of the Pope's Island Marina and redevelopment of the Pope's Island Marina Park. VHB working the the prime consultant, Marina Consultant Corporation, provided urban design, landscape architecture, and transportation/parking design services.

Situated on a tidal salt-water harbor, the 9.75-acre Pope's Island and Marina offers spectacular views over the water to New Bedford and Fairhaven and the hurricane barrier. VHB/Vanasse Hangen Brustlin, Inc. designed a plan for the park to expand an already successful marina and establish an urban waterfront park that invites the public to the water's edge.

Varied recreational spaces for picnicking, walking, seaside gardens, amphitheater, plaza and educational center celebrate the harbor setting and encourage an appreciation of the Island's rich maritime history and environment. The Harbor Walk and Plaza, along with improved off-site pedestrian walks and on-site parking facilities, provide direct public access to the water's edge and heighten the experience of marine activity. Phasing strategies were developed with the Commission to use marina fees to pay for marina and landscape improvements over a 3-5 year period.





HARGREAVES ASSOCIATES

Project Description: **South Pointe Park - *Miami, FL***

Key Personnel Involved / Role

George Hargreaves / Design Director

Gavin McMillan / Principal-in-Charge

Hargreaves Associates worked for the City of Miami Beach providing design and master plan services for 19 acre South Pointe Park; recently completed construction and opened in March 2009. The existing park's assets are substantial: expansive views across Government Cut, adjacency to lively residential neighborhoods, and direct access to both the bayfront and beachfront. However, the program amenities and design quality of the park require substantial intervention to capitalize on these assets and make the park a vibrant and successful place. Hargreaves Associates is developing a plan that includes a grand esplanade along Government Cut, a beach dune restoration area, children's playground landscape, and a park pavilion, all anchored within a dramatic, serpentine landform that will serve as a place for viewing, a path for walking, and artful, iconic feature of the park.

Section 1: *Experience & Technical Competence*

HARGREAVES ASSOCIATES

Client Name
Golden Gate National Parks Conservancy

Client Contact
Greg Moore, Executive Director

Client Address
Fort Mason
Building 201
San Francisco, CA 94123

Client Phone
(415) 776-0693

Design Fee
$1M, full team

Estimate of Construction Cost
$14M in 1999

Contractor Awarded Amount
$25.5M in 2000, with the addition of architecture not a part of the landscape

Contractor Name
Ghilotti Bros.

Contractor Contact
N/A

Contractor Address
525 Jacoby St
San Rafael, CA 94901

Contractor Phone
(800) 444-5584

Project Description: **Crissy Field - *California***

Key Personnel Involved / Role
George Hargreaves / Design Director
Kirt Rieder / Kirt Rieder

Crissy Field is a 100-acre waterfront park fronting San Francisco Bay, just inside the Golden Gate Bridge, forming the waterfront edge of the larger 1600-acre Presidio Park. In 1994, the US Army Sixth Army transferred ownership from the military to the national park service, thereby commencing a prominent "post-to-park," transition. The National Park Service (NPS) partnered with the predecessor to the current Golden Gate National Parks Conservancy to design, fund and construct Crissy Field as the first "urban" national park. The design challenge was complex: balancing the desire of existing residents who walked their dogs and ran along this secluded stretch of waterfront defined by rubble and barbed wire fences, with the National Park Service which was charged with transforming the property for significantly more visitors. Within the NPS, the cultural resources staff were aligned against the natural resources staff, pitting history against nature, with drawn battle lines. Just off stage was a prominent private donor prepared to donate the single largest gift to the project, though only if there was public consensus on the design.

Hargreaves Associates worked with both NPS cultural and natural resource staff to record their ideal outcomes. We also led a series of public workshops to determine that the third aspect of desire was increased demand for public recreation (primarily board sailing) and adequate parking lots, effectively triangulating these three seemingly incompatible uses against each other. The evolution of the design ranged from three use specific strategies where one use "won" and all other "lost," through a series of hybridized approaches where the interests of all three groups were balanced to different extents. The ultimate solution that was embraced, funded and built is less about segregation of uses and more about blurring the distinction between uses. In effect, the boundaries between each were blurred, and yet the end result provides visually identifiable zones of recreation clearly legible for their appropriate uses. The culturally significant 30-acre grass airfield pushes out into the naturally significant 18-acre tidal marsh restoration, which in turn transitions into a reinforced grass parking zone heavily visited by tourists and board sailors alike. The grass air field is understood as a cultural landscape, yet functions as a massive event space. The tidal marsh is home to countless fish and bird species, and yet accommodates public access along a bisecting bridge. Dog walkers, tourists and runners traverse the mile and half site to the terminal Fort Point historic site along a crushed stone promenade lined with dual fences to stop the more adventurous dogs from frightening the bird population.

We see many parallels between the Truman Waterfront Park and Crissy Field: transforming surplus military property into a public park is first and foremost. The layers of history from pre-civil war era fortifications to cold war waterfront bases provide a strong narrative of national significance, and yet the current and future uses must be given room to breathe on their own terms. Docent-guided tours of Crissy Field focus on natural dune restoration efforts, wildlife habitat, cultural history, as well as basic "fun" such as kite flying, all organized from the adjacent Crissy Field Center.

HARGREAVES ASSOCIATES

Client Name
RiverCity Co

Client Contact
Ken Hays (President until 2005)

Client Address
KPH Development
100 E 10th St, Suite 600
Chattanooga, TN 37402

Client Phone
(423) 266-4323

Design Fee
$1.5M, full team

Estimate of Construction Cost
$120M

Contractor Awarded Amount
$120M

Contractor Name
Continental Construction

Contractor Contact
N/A

Contractor Address
101 Riverfront Pkwy
Chattanooga, TN

Contractor Phone
(423) 266-8041

Project Description: **Chattanooga Waterfront - *Tennessee***

Key Personnel Involved / Role
George Hargreaves / Design Director
Gavin McMillan / Principal-in-Charge

Hargreaves Associates developed the master plan for 129 acres of waterfront on both the north and south sides of the Tennessee River. The design identifies distinct district identities and creates a bold new waterfront for all of Chattanooga, grounded in those qualities of site and history that have made Chattanooga unique. The design recaptures the site of the original founding of Chattanooga and reconnects the city to its waterfront, incorporating 83 acres of open space and infrastructure and 46 acres of new mixed-use development, making the city's goal of "living, working, playing and learning at the river" a reality. The Native American Trail of Tears originated within the waterfront park, at Ross's Landing, and Native American artists collaborated with our team to integrate meaningful contemporary art with narrative into the project.

The south side of the river adjacent to the iconic Tennessee Aquarium was underutilized as parking lots and gangways leading out to excursion riverboats and a small dock for transitory boats through the 1990's. In effect, the riverfront was paved over as parking lots and purely utilitarian logistical space purely for marina use. The master plan envisioned a pedestrian-only waterfront landscape that greatly expanding opportunities for transitory docking, while also expanding the ability of residents and tourists to get down and actually touch the river: something unthinkable in the preceding configuration. The main road between the city and river was pulled back and the park was partially built out over the river, with the park acreage effectively manufactured from slivers of previously unavailable space. Now, lawn terraces step down to the river providing a flexible amphitheater for concerts, events, and spectator seating for water sheet competitions. The river has again become the focus of downtown, pedestrian access improved and views to the bridges and water sheet the main draw.

Though the main roadway separates downtown from the river, the main pedestrian route is configured to duck under the viaduct to river level. Normally the road would be viewed as an infrastructure barrier to pedestrian access, however in this case we have used the viaduct as the shade-providing canopy to the main interactive water feature for the park, drawing pedestrians into the waterfront park without forcing them to cross a busy street. In this manner we have repurposed infrastructure to be an integral element in connecting pedestrians to the water. At the bottom of the water stair is the main fountain, jetting re-circulating river water out into the river, for a visual and audible punctuation of the riverfront. The lowest level of the waterfront park is a continuous bulkhead and walkway, allowing visitors to come within inches of the water, and allow for temporary tie up of boats.

Section 1: *Experience & Technical Competence*

HARGREAVES ASSOCIATES

Client Name
New Orleans Building Corporation

Client Contact
Sean Cummings
(formerly Executive Director until 2010)

Client Address
200 Camp Street
5th floor

Client Phone
(504) 593-9494

Design Fee
$837K (Hargreaves only)

Estimate of Construction Cost
$18M

Contractor Awarded Amount
$20M

Contractor Name
Landis Construction Co LLC

Contractor Contact
Mike Foster

Contractor Address
8300 Earhart Blvd Suite 300
New Orleans, LA 70118

Contractor Phone
(504) 833-6070

Project Description: **Reinventing the Crescent - *New Orleans***

Key Personnel Involved / Role
George Hargreaves / Design Director
Kirt Rieder / Project Manager

Hargreaves Associates is the lead designer of the Downriver Park, a mile and quarter long park fronting the Mississippi River, immediately downriver of the French Quarter. The 20-acre park converts former Port of New Orleans property and current Public Belt rail corridor into a linear waterfront park for the City of New Orleans. Construction began in 2010, with a 2012 opening. The Downriver Park is the first phase of the preceding Reinventing the Crescent master plan that Hargreaves Associates participated in that looked at a larger six mile swath of New Orleans waterfront for both public open space and redevelopment potential. The Downriver park sits largely on remnants of port wharves, levees and batture, separated from the adjacent Bywater and Marigny neighborhoods by a concrete floodwall. The primary challenges were how to make the park accessible in the context of the restrictive floodwall, active rail corridor, ongoing shipping operations at either end, and the inherent design restrictions the US Army Corps of Engineers stipulated for any work on the levee itself.

Our approach has been to embrace the post-industrial character of the site, with rotting wharves, remnant concrete firewalls from structures long since burned and lost, and traces of long gone rail sidings arcing across the site. A broad promenade follows the curve of the crescent, meandering downriver, with various program elements and gardens accessible from this primary conduit of pedestrian traffic. Upriver, the Mandeville wharf has been stripped of toxins, and will be re-clad as a massive shade-providing shed for events and activities, with a huge grass ellipse for watching river traffic float by. A narrow linear garden follows box levee, eventually widening out into wider gardens with a diversity of planting types, intentionally contrasting colors and textures for maximum effect. Further downriver, a children's playground and dog run are anticipated to attract neighborhood families as well as tourists venturing beyond the French Quarter. The medium term civic strategy is to move more of the intensely scheduled multi-day festivals to the former port wharves to reduce congestion on the weekdays, and above all, accentuate visual and physical access to the primary reason for New Orleans: the Mississippi River.

The Downriver Park is a precedent for Truman Park in that both have significant tourist populations immediately adjacent, as well as a vocal resident population in need of expanded public open space opportunities within walking distance. In New Orleans, we are working to maintain the authenticity of a former working port property while making safe and secure, though without unnecessarily scrubbing clean of all remnants. At Truman Waterfront Park, our team would look to identify those remnant physical elements that might be kept intact as curious artifacts from former use.

HARGREAVES ASSOCIATES

Client Name
Discovery Green Conservancy

Client Contact
Guy Hagstette,
Park Director until 2010

Client Address
1500 McKinney
Houston, Texas 77010

Client Phone
(713) 528-3569

Design Fee
$530,000

Estimate of Construction Cost
$52M

Contractor Awarded Amount
CMAR

Contractor Name
Miner Dederick Construction Ltd.

Contractor Contact
Julia Odell

Contractor Address
1532 Peden
Houston, TX 77006

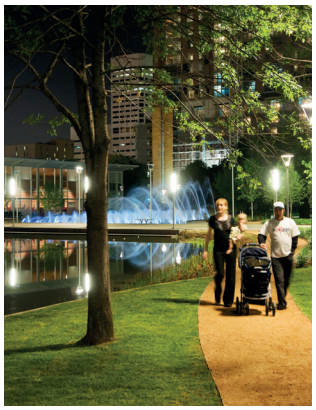
Contractor Phone
(713) 529-3001

Project Description: **Discovery Green Conservancy - *Texas***

Key Personnel Involved / Role
George Hargreaves / Design Director

Hargreaves Associates designed and managed construction of this 12 acre, highly programmed urban park, which has become the signature open space of downtown Houston. Located beside the George R. Brown Convention Center and the Hilton Americas, the park is also be the focus of proposed residential development, offering a wide range of opportunities for outdoor events and recreation, bringing activity back to the downtown. A 10,000 s.f. restaurant, café and park building with shaded outdoor dining spaces are sited along Crawford Promenade, the central pedestrian spine of the park. Park highlights include an iconic interactive fountain, pond and water gardens, custom designed playground, two acre of botanical gardens, and below grade parking with artist-designed entryways. An amphitheater landform with an outdoor stage frames the three acre Great Lawn and provides expansive views of the Houston skyline.

The park replaced a sprawling parking lot on the edge of downtown, a gulf between the core and the convention center, and on axis between the Toyota Center and Minute Maid Park, with a public destination. The park is intensely programmed following an expanded series of public workshops to determine a diverse range of passive and active attractions. The underground parking sits beneath nearly a quarter of the park, with the amphitheater and lake straddling it. Progressively smaller spaces and activities are clustered along the cross axes, with a comingling of park visitors headed for different attractions and simultaneously occurring events. The convention center uses the park on occasion for events tied to their broader events, effectively expanding their offerings and footprint well beyond their walls, and supplementing the revenue stream.



Section 1: *Experience & Technical Competence*

HEILMAN ARCHITECTURE
Architecture
Planning
+ Design

Client Name
Southernmost Resort, Key West

Client Contact
Dale Rands /Stuart Kaufman

Client Address
121 W. Long Lake Road, Floor 3
Bloomfield Hills MI 48304

Client Phone
248 645-8930ext 223

Design Fee
$400,000

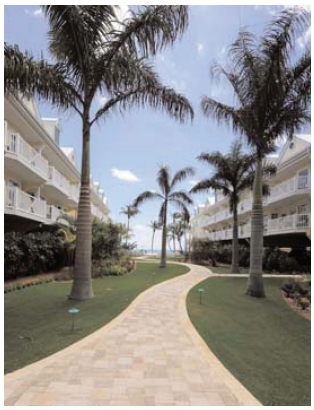
Estimate of Construction Cost
$19 Million

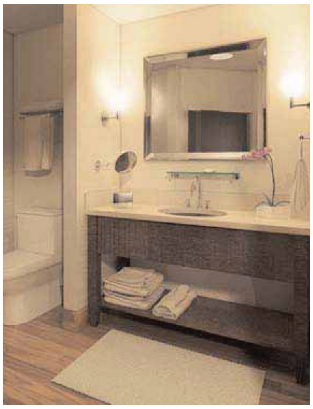
Project Description: **Southernmost at Atlantic Shores - *Key West, Florida***

Key Personnel Involved / Role
Robert Heilman, AIA, NCARB, LEED AP

Southernmost at Atlantic Shores, Key West is a 3-building 3-story, $19 million dollar, 84 unit, addition to the existing Southernmost ocean front resort hotel. The resort caters to domestic and international resort tourism.

Maintaining Key West's historic district standards, the new buildings' design reflects the Victorian character of the adjacent hotel and original house on the property. An expansive, south-facing oceanfront section west of the existing hotel serves as the site for the new buildings. The buildings continue the hotel's format of courtyard, ocean view and oceanfront units. The plans also include a full remodel of the hotel pool and bar, and a comprehensive update to landscaping that ensures a cohesive blending between old and new.





HEILMAN ARCHITECTURE
Architecture
Planning
+ Design

Client Name
Avatar, Solivita

Client Contact
John Corners, Vice President

Client Address
395 Village Drive Poinciana, Florida 34759

Client Phone
(863) 427-7120

Design Fee
Not Available

Estimate of Construction Cost
+6 Million (multiple buildings)

Project Description: **Solivita Development Site Buildings - *Poinciana, Florida***

Key Personnel Involved / Role
Robert Heilman, AIA, NCARB, LEED AP

Solivita is located 21 miles south of Walt Disney World in Orlando and other world class attractions in Poinciana, Florida. The planned development encompasses 4,300 acres punctuated by two 18-hole championship golf courses at the Stonegate Golf Club, numerous lakes and wooded nature preserves, a vast array of recreational amenities, and a dozen residential neighborhoods of Tuscan-style. Builder magazine named Solivita America's Best Active Adult community in 2002 and three consecutive times Solivita has been named one of America's Best Master-Planned Communities for active adults by Where To Retire Magazine.

Heilman Architecture was selected to provide full A & E services for multiple commercial and support buildings throughout the development. HA worked closely with the residential planners to reinforce the integrity of the community design character.

Section 1: *Experience & Technical Competence*

PETER PIKE ARCHITECT

Client Name
City of Key West

Project Description: **Key West A/E Projects - *Key West, Florida***

Key Personnel Involved / Role
Peter Pike

Key West Bight Ferry Terminal (II) Key West, Florida
2009

(Ongoing project)-Contracted for A & E services for an expansion of the existing structure/pier, disembarking and embarking gates. TSA and Federal security, ADA compliance and Construction administration Services. 2007 to 2004 - Key West Bight Ferry Terminal (I) - Contracted for A & E services for completion of passenger terminal. Project included passenger areas, check in facilities, passenger and luggage security screening, TSA and Federal security implementations, ADA compliance and Construction Administration Services.

Thompson Fish House Key West, Florida
2009

(Ongoing project)- Contracted for A & E services for an, restoration and conversion of existing historic building to serve as retail / commercial lease space and as dock master's facility. Vessel Fuel systems and ADA compliance.

William Street Administration Building Key West, Florida
2008

Contracted for A & E services for an, restoration and conversion of existing building to serve as office administration for City staff/ commercial lease space Provide full ADA compliance. study and analysis of local architecture ensures each building's historical accuracy and reflects the national charm and substance of the country and its ties back to the originally imported colonial styles.

"inspiring others to dream"

Client Name
Royal Carribean Cruises, Ltd. Ph I: Initial Concept
Ph II: Concept Refinement
Ph III: Owners Representative & Design Director

Client Contact
John Tercek
VP Commercial Development
Royal Caribbean Cruise Lines

Client Address
1050 Caribbean Way
Miami Florida 33132

Client Phone
(305) 539-6071

Design Fee
$2.4 Million in 4 phases

Estimate of Construction Cost
$220,000 US Dollars

Contractor Awarded Amount
$220,000 Million US Dollars

Contractor Name
A.E. Pihl and Sons

Contractor Contact
Lars Bilde

Contractor Address
Nybrovej 116
2800 kgs. Lyngby
Denmark

Contractor Phone
45.4527.7383

Project Description: **Historic Falmouth Cruise Port - *Falmouth, Jamaica, Greater Antilles***

Key Personnel Involved / Role

Hugh Darley / Project Concept, Vision Planner and Owner's Representative, Project Lead Consultant

As project designer and Owners Representative, IDEA designed a comprehensive Vision Plan for RCCL's Western Caribbean port of call, the historic Port of Falmouth, ensuring a one-of-a-kind guest experience focused on the town's cultural heritage and Jamaica's legendary hospitality. The 35 acre cruise port development will accommodate Oasis of the Seas: the world's largest cruise ship, anchored by a 12 acre, two-berth wharf peninsula with Georgian-era inspired terminals, Merchant's Walk retail and office structures, restaurants and residential space. IDEA also designed onshore facilities, a historic trolley system, and restoration and redevelopment efforts of historic structures and attractions.

Section 1: *Experience & Technical Competence*

"inspiring others to dream"

Client Name
L'Establissement Portuaire de Saint Martin and
Le Pole Developpement Economique de la Collectivite de Saint Martin

Client Contact
Daniel Gibbs

Client Address
Hôtel de la Collectivité de Saint-Martin
Marigot B.P. 374-97054, Saint-Martin

Client Phone
590 590 87 59 06

Design Fee
$110,000

Estimate of Construction Cost
$400 Million US dollars

Project Description: **Le Port de Marigot - *Marigot, Sint-Martin***

Key Personnel Involved / Role
Hugh Darley / Project Concept and Vision Planner, Project Lead Consultant

An extensive redevelopment effort seeks to enhance and restore the French Caribbean character of Saint Martin's Port Marigot, an intimate island destination in the northeast Caribbean. Initiatives for this historic port of call destination include a major overhaul of the existing cruise, ferry, and marina facilities, with a particular emphasis on accessibility between the waterfront and downtown portions of the city. Redevelopment of the harbor and waterfront districts will also include the development of a new cruise terminal, entertainment venue, boutique hotel, retail, residential spaces, and a pedestrian promenade. As part of a long-term planning effort for the port, critical guidelines and programs will be established for architecture and streetscapes. Fort Louis, the historic centerpiece of this destination, will be preserved and enhanced as a heritage attraction and an icon for this distinctive island destination.

"inspiring others to dream"

Client Name
Ph1: Initial Martin Quarter Concept - (Joint Venture) Royal Caribbean Cruises Ltd. / H.J. Namdar

Ph II (Stage I & II): Martin Quarter Design Advancement - Royal Caribbean Cruises Ltd.

Client Contact
John Tercek

Client Address
1050 Caribbean Way
Miami, Florida 33132

Client Phone
(305) 539-6071

Design Fee
$225,000 US Dollars

Estimate of Construction Cost
$ 350 Million US Dollars

Contractor Awarded Amount
Not Yet Awarded

Project Description: **The Martin Quarter - *Pointe Blanche, St. Maarten, Netherlands Antilles***

Key Personnel Involved / Role
Hugh Darley / Project Concept and Vision Planner. Team Lead

IDEA, Inc., in conjunction with WATG and Boyken, designed a nine-acre development in Dutch Sint Maarten, situated on Pointe Blanche, adjacent to the Port of St. Maarten. The Martin Quarter is a mixed-use resort and attraction destination featuring chic, eclectic retail, dining, elegant residential spaces and a waterfront promenade overlooking a pleasure craft marina. A casino and hotel provide accommodations and entertainment, blending tropical modern with French sophistication for a "taste of French Saint Martin on the Dutch side of the island." A premiere saltwater lagoon, located in the center of the development, is the highlight of this distinctive destination.

Section 1: *Experience & Technical Competence*

"inspiring others to dream"

Client Name
Ph1: Port of Castries Vision Plan - Saint Lucia Air and Sea Ports Authority (SLASPA)

Ph II: City of Castries - Ministry of Economic Affairs, Economic Planning, and National Development

Client Contact
Ausbert d'Auvergne

Client Address
Global Flooring Building
Bois d"Orange, Gros Islet.
PO Box 1012, Castries
St. Lucia

Client Phone
(758) 458-4590

Design Fee
$1.4 Million US Dollars

Estimate of Construction Cost
N/A

Project Description: **Capital City of Castries Redevelopment - *Saint Lucia, Windward Islands, West Indies***

Key Personnel Involved / Role
Hugh Darley / Vision Planner, Project Lead

An innovative and ambitious redevelopment project, the existing port of Castries is one of the primary gateways into the island of Saint Lucia. This extensive redevelopment project encompasses an overhaul of the existing cruise terminal and facilities, accompanied by the complete redevelopment of the downtown and waterfront of Castries. A three mile pedestrian promenade is envisioned as a series of connected anchor attractions, including dining, retail, boutique hotels, residential spaces, live entertainment, and attractions. Major roadways and other city infrastructure will be revitalized in order to accommodate the influx of foreign and local visitors. Additional initiatives include the redevelopment and restoration of popular existing attractions, such as the George V. Park Botanical Gardens and the Castries Market.

Client Name
U.S. Navy

Client Contact
Mr. Alex Viana

Client Address
901 M. St., SE, Building 218
Washington, D.C. 20374

Client Phone
(202) 433-5516

Design Fee
N/A

Contractor Awarded Amount
$10M (Over a 5-Year contract)

Contractor Name
McLaren Engineering Group

Contractor Contact
Malcolm McLaren, P.E.
William J. McCarthy III

Contractor Address
100 Snake Hill Road
West Nyack, NY 10994

Contractor Phone
(845) 353-6400

Project Description: **Waterfront Facilities Investigation Indefinite Quantity Contract for the U.S. Navy**

As part of an Indefinite Quantity contract (Contract Number N47408-99-D-8008 & N47408-02-D-8307) with the U.S. Navy, McLaren has provided underwater inspection, condition assessment, and repair and rehabilitation design services at a variety of Navy facilities worldwide. These facilities include:

Key Personnel Involved / Role
Malcolm G. McLaren – Project Executive

Defense Fuel Supply Pier – Manchester, WA
McLaren performed a Level I & II underwater inspection of the Small Boat Basin Facility. All accessible structural elements of the pier (above and below the deck) were inspected. The elements included: the finger pier, float guide piles, mooring platforms, the walkway, two dolphins, and fender piles. Based on the inspection findings, the structural condition of the inspected structure was assessed and recommendations were provided for further investigation and repair work with cost estimates.

U.S. Naval Base, Pearl Harbor, HI


Principal Landscape Architect. Marriott's Lakeshore Reserve, part of the premier Marriott Vacation Club timeshare brand, is located on the pristine grounds of the 500-acre Grande Lakes resort in Orlando, Florida. Located next to the JW Marriott Orlando, Grande Lakes and The Ritz-Carlton Orlando, Grande Lakes, the first phase includes 85 villas with a blend of Italian Mediterranean and tropical influences. Lakeshore Reserve amenities include a stunning main pool with lazy river and zero-entry, two dueling waterslides and two whirlpool spas, courtyard fountains, and artwork in a lush tropical landscape. Responsible landscape architectural design services.

Vandenberg Air Force Base in Vandenberg, CA
McLaren performed the underwater inspection and assessment of the structural members supporting the waterfront facilities. A Level I & II underwater inspection was conducted for the main bulkhead, while Level I, II & III underwater inspections were conducted for the dolphins. Above water inspection elements include caps, stringer, deck beams, under deck areas, fasteners, bolts, and similar above water structural elements.

U.S. Yankee Pier Coast Guard Center in New York City, NY


McLaren performed a detailed condition assessment of the southern portion of the Yankee Pier due to damages caused by a cargo ship collision with the pier. Other services provided include detailed underwater inspections, structural analysis, repair recommendations, and construction cost estimates. A technical report was prepared using the U.S. Navy formats and guidelines, which included descriptions, observations, assessments, conclusions, recommendations, photographs and figures.

U.S. Naval Amphibious Base in Little Creek, VA

McLaren was retained to perform underwater and topside inspection of the two fuel piers (Piers 19 and 35) at the base. A letter report was prepared that summarized the findings of the inspection, and provided recommendations for repairs and improvements with cost estimates.

U.S. Naval Weapons Station – Concord, CA

McLaren completed a re-inspection of several waterfront facilities at the Naval Weapons Station in Concord, California at Suisin Bay. The piers at this facility are used by the Navy primarily for transfer of weapons (both on- and off-loading) to rail and truck transport systems. The facilities inspected included two large ammunition handling piers (Piers 3 and 4) and five mooring structures. Several railroad and highway bridges crossing sloughs adjacent to the waterfront were also inspected. Our investigation encompassed more than 10,000 timber piles spanning two linear miles of platform. In addition to structural assessment, load ratings and cost estimates for repair were provided.

Barksdale AFB Bridge Inspection, Shreveport, LA

McLaren performed an underwater inspection of the Red Chute Bayou bridge's structural elements due to concerns over observed lateral displacements of the bridge during springtime high flood water levels. The primary concerns of the air force personnel were the structural condition of the bridge and its ability to provide access to and from the base for passenger vehicle traffic and trailer trucks. Also conducted was an assessment of the bridge, documentation of findings, and inspection of the pipe trestle on the south side of the bridge.

Naval Magazine Piers, Lualualei, HI

McLaren performed an underwater condition assessment of facilities at the Naval Magazine Pearl Harbor. Facilities included in the inspection were wharves W1-W3 and Wharves W4-W5. McLaren prepared comprehensive reports detailing the results of inspection findings, which encompassed photo documentation, drawings of the facilities depicting deficiencies, site layout (inventory), and recommendations for repair including cost estimates.

Naval Magazine Piers, Lualualei, HI

McLaren performed an underwater condition assessment of facilities at the Naval Magazine Pearl Harbor. Facilities included in the inspection were wharves W1-W3 and Wharves W4-W5. McLaren prepared comprehensive reports detailing the results of inspection findings, which encompassed photo documentation, drawings of the facilities depicting deficiencies, site layout (inventory), and recommendations for repair including cost estimates.

U.S. Naval Weapons Station – Everett, WA

McLaren completed a re-inspection of several waterfront facilities at the Everett Naval Station at Puget Sound. The facilities inspected included: Pier A (Carrier Pier), Pier B (Breakwater Pier), North and South Wharves (Parking Areas), and Piers D and E (Timber Piers). Our investigation encompassed over 3,000 concrete piles and 1,200 timber piles. In addition, structural assessment, load estimates, repair recommendations, and cost estimates were provided, and drawings prepared.

Client Name
New York City Department of Transportation

Client Contact
Mr. Earl J. Baim, P.E.

Client Address
59 Maiden Lane, 35th Fl.
New York, NY 10038

Client Phone
(212) 487-8369

Design Fee
N/A

Estimate of Construction Cost
$50,000,000

Contractor Awarded Amount
N/A

Contractor Name
McLaren Engineering Group

Contractor Contact
Malcolm McLaren, P.E.
William J. McCarthy III

Contractor Address
100 Snake Hill Road
West Nyack, NY 10994

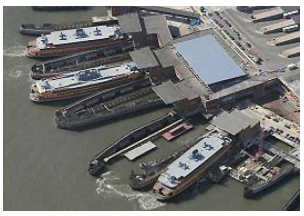
Contractor Phone
(845) 353-6400

Project Description: **Ferry Shore Facilities**

McLaren was engaged by the NYCDOT to provide on an as needed basis architectural, engineering and construction related services for their various ferry facilities citywide.

Key Personnel Involved / Role

Malcolm G. McLaren– Project Executive
Matthew J. Daniels, P.E. – Project Manager
Stephen D. Frech, P.E. – Project Manager


St. George Ferry Terminal

- Ferry Terminals
- Maintenance Berthing Facilities
- Buildings
- Facilities (including connecting transit modes)
- Marine and Upland Structures

The facilities included with this contract could include but not be limited to the following:

- Piers, Pontoons, Gangways
- Moveable Bridges
- Ship Fendering Structures
- Mooring Systems
- Passenger Terminal Buildings
- Soil Retaining Structures
- Associated MEP Systems & Structures
- Fuel/Oil Storage
- Maintenance/Industrial Buildings
- Elevated Traffic Structures
- Rail/Rapid Transit Stations
- Bus Terminals
- Parking Facilities
- Dredged Channels

To date, over a dozen design task orders have been completed or are underway. McLaren is also providing construction inspection services. The five-year contract was extended for another two years until 2012. Some of these tasks include:

Pier 1 and Pier 2 Condition Assessment – Staten Island Ferry

McLaren is providing the necessary design and construction support services for the repair of two pile supported deck piers (Piers 1 and 2) and adjacent waterfront structures used as wet storage, and repaired berthing for the Staten Island Ferryboats.

Staten Island Ferry Maintenance Facility

McLaren is providing design and construction support services to repair roof leaks and water leak as well as ensure the structural integrity and water tightness of the Ferry Maintenance Facility building.


NYCDOT Facilities Building

Section 1: *Experience & Technical Competence*

McLaren ENGINEERING GROUP applied ingenuity

Subaqueous Rehabilitation of Slip 4 – St. George Ferry Terminal, Staten Island, NY

McLaren provided professional engineering design services for the underwater rehabilitation of the supporting structure of the transfer bridge and terminal wing at the St. George Ferry Terminal's Slip 4.

RACON Systems Installation Design – St. George Ferry Terminal/Whitehall Ferry Terminal

For the design and installation of RACON Beacon systems at the Whitehall Ferry Terminal in Manhattan, and the St. George Ferry Terminal on Staten Island, McLaren is providing engineering support and consultancy to the NYCDOT.

Emergency Ferry Landing Barges and Associated Equipment

McLaren provided marine design services including a condition survey, design alternatives and construction documents necessary for three (3) emergency ferry-landing barges to prepare for future civil emergencies.

Transfer Bridge Inspection

McLaren performed bridge inspections on 21 New York City Department of Transportation transfer bridges at various facilities throughout New York City and Staten Island. Calculations and analysis, preliminary sketches, a conceptual cost estimate, a construction forecast was included. McLaren is preparing preliminary and final designs and services during construction, working drawings and resident engineering during inspection will be provided.

ENGINEERING FOR ARCHITECTURE

Client Name
City of Sunny Lakes

Client Contact
Susan Simpson

Client Address
18070 Collins Avenue
Sunny Isles Beach, FL 33160

Client Phone
(305) 947-0606

Design Fee
$45,000

Estimate of Construction Cost
$7.4 M

Contractor Name
Siltek Group, Inc.

Contractor contact
Rene Sierra

Contractor Address
1232 N. University Drive
Plantation, FL 33322

Contractor Phone
954.370.1368

Project Description: **City of Sunny Isles Pelican Community Park & Community Center - *Miami, Florida***

Key Personnel Involved / Role

Ralph Baeza, PE, LEED AP / Electrical
Jorge Reyes, PE, LEED AP / MEP

The Pelican Community Center is part of the Pelican Community Park located at 18115 North Bay Road right across the Sunny Isles Beach Community School. The two-acre site park opened in August 2008 and includes a little league baseball field, playground area and picnic area.

The 10,365 square feet indoor gymnasium includes a full-size basketball court, and 2 half-size courts, and volleyball court. It also includes a storage and locker room area along with concession spaces.

The Community Center has a total area of 15,194 square feet among offices and a reception area on the first floor with a recreation/open area that can be use for birthday parties and other events with a catering kitchen adjacent to the space.

The second floor includes a 6,200 square feet recreation area with arts & crafts open space including storage, counters and sinks.

In order to provide summer camp activities and other community education events, the center offers large and small multi-use classrooms located also on the second floor.

The Park also features a state-ofthe-art fitness center with cardio equipment and a weight training center with a total area of 10,365 square feet.

TLC Engineering for Architecture provided mechanical, electrical, plumbing and fire protection engineering services.

Section 1: *Experience & Technical Competence*

ENGINEERING FOR ARCHITECTURE

Client Name
City of Tampa

Client Contact
Jim Godwin

Client Address
306 E. Jackson Street
Tampa, Florida 33602

Client Phone
(813) 274-8577

Design Fee
$59,500

Estimate of Construction Cost
$15.7 million

Contractor Name
Skanska USA

Contractor Contact
Meoi Plummer

Contractor Address
4030 W. Boy Scout Blvd. #200
Tampa, FL 33607

Contractor Phone
813-282-7100

Project Description: **Curtis Hixon Waterfront Park- *Tampa, Florida***

Key Personnel Involved / Role
Ralph Baeza, PE, LEED AP / Electrical
Jorge Reyes, PE, LEED AP / MEP

The City of Tampa's Curtis Hixon Waterfront Park has been transformed into a vibrant civic green complete with performance lawns, fountains, dramatic lighting displays, museums and cafes. As the electrical engineer, TLC teamed with renowned landscape architect Thomas Balsley, who was selected in an open design competition.

Transforming the site into the centerpiece of the Tampa Riverfront involved demolishing and re-configuring the entire existing park. Engineering-wise, the biggest challenge was integrating the fountain lighting controls, irrigation controls and site lighting so the City Parks Department could operate the park controls remotely. This entailed several coordination meetings and manufacturer conference calls throughout the design phase and numerous site visits and coordination with the electrician during electrical installations. The final design employed low-voltage electrical contactors that relay information to and from the Parks Department's irrigation system. The lighting zones are controlled remotely through these contactors and programming is implemented through the irrigation software.

TLC's electrical engineering services included power distribution and lighting design, connection and controls. We provided infrastructure design for existing and future buildings at the park including the Tampa Museum of Art, the park pavilion, a bathroom kiosk, and a restaurant. We also assisted in the power design and lighting specifications/coordination for two in-ground fountains. The final design elements were the power panels and distribution for stage power to accommodate concerts, food fairs and other major events.

The electrical distribution consists of a 1200-amp service with distribution panels located throughout the park. Feeders of 400 amp and 100 amp were brought to the fountain control panels with distribution to a 600-amp meter center and empty conduit distribution for the future restaurant. Lighting controls were provided through low voltage contactors through an irrigation control system.

The park is served by the central energy plant and the emergency generator that were designed by TLC as part of the Tampa Museum of Art project.

Section 2
Other Expertise

- Technical Approach

Section 2
Other Expertise

Technical Approach

Our Truman Waterfront Park approach will begin with the current park master plan, and our own review of existing historic documents to provide a deeper understanding of the site formation, cultural evolution of the neighborhoods and successive development proposals to help reinforce the design framework for refining the Park design framework. For instance, at the Presidio in San Francisco, our team members worked closely with the US Army archivist and historians to locate images and plans that described in minute detail how the military had shaped and reshaped Crissy Field, from a tidal marsh to air field, over nearly two hundred years of occupation, following earlier Spanish occupation of the adjacent Fort Point, not at all dissimilar to Fort Zachary. This investigation provided numerous invaluable insights into the reestablishment of physical site elements that were pivotal to securing National Park Service approval to design, based on NPS cultural staff review.

Ensuring functionality of the waterfront park lies in synthesizing the master plan with code-compliant engineering detailing, regulated accessibility standards, and rational, process-driven landscape architectural design to yield a safe, secure and universally accessible civic landscape. Our approach will be to maximize continuity of pedestrian-dominant landscape, while balancing with adequate vehicular parking accommodations. Safety of pedestrian visitors is of paramount concern, and that typically means separating pedestrians and vehicles. We recognize that security, fire, safety and maintenance vehicles will need to traverse the waterfront park so appropriate shared routes through the park will need to be embedded in the park, ensuring operational and maintenance vehicular access to most corners of the park, including the marina.

The eventual management structure of Truman Waterfront Park will ultimately determine programming and maintenance operations. While the de facto standard is a city department run waterfront park, a more recent trend points toward a public-private management model that relies on a private foundation to run the city-owned landscape, allocating private and public funding for programming and operations. There is rarely a single obvious best answer on how to address the management of a public space at the outset, particularly during an economic downturn with diminished available resources. In our experience, we have facilitated visits and discussion between new clients and previous clients to recount successes and challenges so that new clients and determine for themselves which management model is the best fit. Anticipating the eventual operations and management of the Truman Waterfront Park in the early stages of design will greatly help make crucial design decisions and prepare the governing body for day to day functioning of the park.

We have participated in a broad range of client structures, from strictly designed and managed city parks, to a non-profit foundation managing a public park. Programming of the park becomes a pivotal variable, determining in large part the character of the park ranging from a purely passive park with infrequent events to an urban park full of activities and a full calendar of scheduled events. Maximizing park programming for Truman Waterfront Park will attract larger visitor counts and provide more revenue for reinvestment into the physical park infrastructure and maintenance, though event programming may also result in temporary restrictions for private or paid events. There is no one size fits all approach to determining the management structure and park design, and both are best explored together during the public process to draw public comments that will shape both. For instance, a public process that leans toward a heavily programmed park will necessarily require more management, event coordination, and maintenance. A private non-profit entity may be able to provide the dedicated day to day attention that a municipality cannot devote to the park, with the added bonus of being able to discretely arrange for private fundraising with allied area foundations to ensure continuity of the park's public identity through programming and promotions to ensure that Truman Waterfront Park is not only reflective of the Key West community, but that it is adaptable to changes as well. Annual operating budget provided by the municipality can be supplemented with paid annual galas, on site restaurants, programming sponsorships, and private event rentals.

Maximized visitor counts and wall to wall programming should not come at the expense of a park design that will garner local and potentially national acclaim. All aspects of the park, from event flexibility to planting design and everything in between will need to be balanced and shaped by public and client input to arrive at a consensus design that acknowledges the opportunities and constraints of the Truman site. As with most tourist cities, a safe public park is a positive antidote to the concentrated attractions of paid entertainment, shopping, food, and drinking establishments. In the case of Truman Park, the city will be expanding free public access to the waterfront, even if access to the marina is restricted to visual access. The park will borrow on the broader natural landscape of the Keys and the sea, further reinforcing Key West as a tourist destination, as well as an attractive location to live and work. Prevailing examples quantitatively confirm that public investment in open space provides a multiple return in the form of adjacent development and their associated property taxes. In short, funding invested in the aesthetics of public open spaces attracts and compounds private investment. Millennium Park in Chicago is perhaps the best discussed example of skyrocketing property values and catalyzed redevelopment in anticipation of the park construction and opening. We found the same results in Houston with Discovery Green, where languishing parking lots transformed into a 12 acre park catalyzed a range of hotel, condo and office development on the fringe of downtown, effectively offsetting the initial public investment in the very short term through increased tax revenue. In the context of economic benefits, public parks are relatively small initial investments by municipalities to spur far greater private investment. Cities simultaneously improve the quality of life for residents and potential residents who consciously compare and assess access to public parks and recreation opportunities in weighing one city against another in an increasing competitive environment for attracting and retaining residents.

Section 3
Personnel Qualifications

- Resumes

Section 3
Personnel Qualifications

Envisioned as a great community park for the people of Key West while enhancing the qualities of its adjacent neighborhoods, the 23 acre Truman Waterfront Park will do much to establish an identity for this spectacular recreational area as a vibrant extension of downtown Key West.

We understand that the design effort for the Truman Waterfront Park is comprised of specific design and construction administration/inspection services over an initial five (5) year term. The design of the park as a landmark open space and major public destination, will meet the needs of its users – area residents, businesses, and visitors – with public facilities and scheduled community events and activities to become an important economic generator for the City of Key West.

The Truman Waterfront Park project provides an opportunity to integrate Key West's civic vision with the proposed Truman Harbor marina development and future private mixed use development projects on adjacent parcels. The design process should continue to engage the community (businesses and residents) in the program refinement, design development and construction phases, and long-term operations/management.

With this understanding, the VHB-MS/Hargreaves team has been has been formed. Our two firms' design, technical and management approach for delivering signature waterfront park projects will help the City of Key West reach your goals for the Truman Waterfront Park project.

The resumes on the following pages highlight the key staff with experience in planning, design, and development to demonstrate the depth and breadth of our staff experience related to the City's project.

Section 3: *Personnel Qualifications*

VHB MillerSellen

Christopher J. Brown, RLA, ASLA: Sr. Landscape Architect / Project Manager

Mr. Brown specializes in resort planning, urban design and landscape architectural services. He has over three decades design experience throughout the Southeast United States, Caribbean, Hawaii, Asia, and the Middle East. Mr. Brown has often directed multidisciplinary teams through the design and documentation process with great success, seeing a project from its conceptual design stages through to completion.

32 years of professional experience

Registrations/Certifications

- Registered Landscape Architect – Florida #000703
- Registered Landscape Architect – Hawaii #5586

Affiliations

- Member, American Society of Landscape Architects
- Speaker, ASLA National, 2008 "Integrating Water Features into Your Design"
- President, ASLA Hawaii Chapter, 1992

Bachelor of Landscape Architecture, University of Florida, 1979

Mr. Brown's areas of expertise include resort and community planning, design charrettes, urban and landscape design, park and recreational design, and water feature and fountain design. His strength is in his ability to transform the client's vision into reality by understanding the project context, environment and the economic viability resulting in solutions that are sustainable over the long term.

Relevant Experience Prior to VHB MillerSellen:

Airport Development Master Plan, Antigua, West Indies
Principal Planner/Landscape Architect. This 60-acre, mixed-use project developed by the Stanford Development Company, Ltd. is adjacent to the V.C. Bird International Airport. Visitors to the island of Antigua are greeted by the Stanford Cricket Ground stadium that accommodates 4,500 spectators. Overlooking the cricket ground are themed restaurants, the Antigua Athletic Club and hillside Botanical Park in a campus style development. Responsible for master planning and landscape architectural services.

Antigua Village Centre, Antigua, West Indies
Principal Planner/Landscape Architect. The Village Centre, the central part of the Airport Development Master Plan, contains an assortment of retail shops, indoor/outdoor entertainment venues, and office spaces in a themed West Indian streetscape environment. Responsible for master planning, landscape architecture and conceptual architectural design.

Marriott's Lakeshore Reserve at Grande Lakes Orlando, Florida
Principal Landscape Architect. Marriott's Lakeshore Reserve, part of the premier Marriott Vacation Club timeshare brand, is located on the pristine grounds of the 500-acre Grande Lakes resort in Orlando, Florida. Located next to the JW Marriott Orlando, Grande Lakes and The Ritz-Carlton Orlando, Grande Lakes, the first phase includes 85 villas with a blend of Italian Mediterranean and tropical influences. Lakeshore Reserve amenities include a stunning main pool with lazy river and zero-entry, two dueling waterslides and two whirlpool spas, courtyard fountains, and artwork in a lush tropical landscape. Responsible landscape architectural design services.

Sugar Mill Hotel, Antigua, West Indies
Principal Planner / Landscape Architect. This 78-key, five-star business hotel is located on a prominent hilltop site of approximately 7.6 acres with spectacular views overlooking the Caribbean Ocean near Antigua's V.C. Bird International Airport. The Sugar Mill Hotel project features an amenity pool with an overflow infinity edge to blend with distant ocean views, and a landscaped courtyard with a rolling lawn and palms to direct views to the existing historic sugar mill structure. Responsible for master planning services and landscape architectural design services.

Milagro del Mar, Nicaragua
Principal Planner/Landscape Architect. Milagro del Mar Beach Club is an eight acre luxury condominium resort situated on the Pacific coast just an hour from Nicaragua's capital Managua. The Milagro village design concept centers on the stunning visual appeal of Spanish Colonial architecture and main waterfall feature through the central garden Walkways lead homeowners and guests through open garden crescents that allow ocean views from all units. Responsible for master planning and landscape architecture.

Le Paradis, St. Lucia, West Indies
Principal Planner/Landscape Architect. Located along St. Lucia's Praslin Bay on the Atlantic Ocean, this luxury resort includes a 42-slip yacht marina, mixed-use marina village with saltwater lagoon, 18-hole

Greg Norman golf course, and 125-room, five-star boutique hotel with spa, fitness center, and restaurants. Responsible for concept master planning services and design charrette facilitator with owner and design team.

Pointe Vista, Oklahoma

Principal Planner/Landscape Architect. Pointe Vista Development is a new 1850-acre development on Lake Texoma featuring a premier master planned residential lake community, hotel, convention center and luxury resort. The development boasts breathtaking views of Lake Texoma and an array of amenities including two 18-hole golf courses and an enhanced marina facility at Catfish Bay. Chris participated in destination branding and concept master planning charrette with owner, design team and project advisors.

Sanford/Burnham Institute for Medical Research at Lake Nona, Orlando, Florida

Principal Planner/Landscape Architect. The Burnham Institute for Medical Research at Lake Nona is a research facility that will anchor the Lake Nona Science and Technology Park, alongside UCF's healthcare campus, which houses the College of Medicine at Lake Nona. The landscape design embraces the concepts of sustainable site planning, water-efficient landscape and lighting techniques in accordance with LEED (Leadership in Energy and Environmental Design) the nationally accepted benchmark for the design, construction, and operation of high performance green buildings established by the U.S. Green Building Council. Responsible for master planning services and landscape architectural design services.

The Village at the Border, St. Maarten, Netherlands Antilles

Principal Planner/Landscape Architect. Located on St. Maarten, a bustling Caribbean island with a robust economy and a culturally diverse population, the concept master plan for the Village at the Border features a mixed-use center with a distinctive West Indian character found in the historic Dutch and French capital villages of Philipsburg and Marigot. This 165-acre site includes a mixed-use commercial/residential component with for Bethlehem Real Estate Development N.V. The Village at the Border is to become a catalyst for new economic growth and activity in central St. Maarten. Responsible for concept master planning services and design charrette with owner and design team.

Section 3: *Personnel Qualifications*

VHB MillerSellen

John R. Jennings, RLA: Senior Vice President, National Practice Leader for Design

Mr. Jennings has close to four decades of experience as a landscape architect / planner for public and private sector clients. He specializes in the design and management of large and complex projects from the earliest conceptual and planning levels through the development of implementation strategies for funding, detailed design, and construction implementation.

40 years of professional experience

Registrations/Certifications

- Registered Landscape Architect MA
- Registered Landscape Architect AZ
- Registered Landscape Architect IN
- Registered Landscape Architect MO

Affiliations

- American Society of Landscape Architects
- Society for College and University Planning
- Urban Land Institute
- American Association of Botanical Gardens and Arboreta
- Society for College and University Planning, Southeast

BA, Landscape Architecture, University of Oregon, 1971

Mr. Jennings, Director of Landscape Architecture and Urban Design at VHB MillerSellen, is an experienced landscape architect specializing in taking projects from their earliest conceptual and planning stages through their full development and implementation. A summary of his project experience is listed below:

Waterfront Design Experience

Buffington Harbor Casino, Gary, IN
Gary Waterfront Development Plan, Gary, IN
Hampton Roads Convention Center, Hampton, VA
Haverhill Downtown Business District, Haverhill, MA
Kingston Historic Waterfront, Kingston, NY
Long Wharf Historic Restoration, Boston, MA
Newburyport Historic Waterfront, Newburyport, MA
Pope's Island Marina Expansion Program, New Bedford, MA
Rio Salado/Central Avenue Gateway, Phoenix, AZ
Rose Fitzgerald Kennedy Garden, Boston, MA
Spokane Riverfront Park, Spokane, WA
Weaver Cove Marina, Middleton, RI

Resort and Entertainment Design Experience

Basketball Hall of Fame, Springfield, MA
Domesticated Animal Exhibit/New Zoo, Kansas City, MO
Franklin Park Zoo, Boston, MA
Garden in the Woods, Framingham, MA
Hershey Park, Hershey, PA
Muju Zoological Garden, Muju, Korea
Muju Search for the Golden Inca Mini-Golf, Muju, Korea
Muju Ski Resort Phase I Development, Muju, Korea
Canada's Wonderland, Toronto, CN
Carowinds, Charlotte, NC
Great America, Santa Clara, CA
King's Dominion, Doswell, VA
King's Island, Cincinnati, OH
Pointe South Mountain Resort, Phoenix, AZ
Pointe Hilton at Squaw Peak, AZ
Samoset Resort, Rockport, ME

Urban Planning & Design

Forbes Street Landfill Reuse Study, East Providence, RI
Cheyenne Durango Park, Las Vegas, NV
City of Las Vegas Aquatics Center Study, Las Vegas, NV
Forbes Street Park, East Providence, RI
Logan International Airport Landscape Plan, Boston, MA
Lower Falls Redevelopment Concepts, Wellesley, MA
McArthur Memorial Park, Norfolk, VA
Princess Anne Road Corridor Improvements, Virginia Beach, VA

O'Neil Federal Office Building, Boston, MA
Sandbridge Road Corridor Improvements, Virginia Beach, VA
Columbus Avenue/I-91 Corridor Streetscape Improvements, Springfield, MA
Valley Forge National Park, Valley Forge, PA
Woodlawn Park, Portland, Oregon

Recent Projects:

University of South Florida Campus Master Plan, Tampa, FL
As one of the largest universities in the United States, the University of South Florida (USF) is committed to a formal and ongoing planning process in which the 2010 Master Plan update reflects the next step. Since the last master plan update, the challenges facing the University have accelerated and grown more acute as energy alternatives, transportation limitations, constrained budgets, increasing regulation, and an aging infrastructure combine to present a complex, interrelated mosaic of issues that will be addressed in the master plan update. The 2010 Master Plan update will build upon the work completed for the 2005 Master Plan, with greater emphasis on incorporating sustainable design strategies ranging from energy system improvements to transportation demand management. As team leader, VHB MillerSellen brought to USF the experience, knowledge and commitment to provide the highest quality services necessary to support the master plan update. VHB MillerSellen has worked with nearly 200 institutions, assisting them as they address their growth and development objectives. VHB MillerSellen will use the depth of our comprehensive experience in the design of a range of campus facilities--including academic, student life, housing, athletics, parking, and transportation facilities in support of the Master Plan process.

Boston Logan International Airport Landscape Master Plan, Boston, MA
VHB MillerSellen was selected to lead the Logan Landscape Master Plan process initiated in April 2001. As various projects proceeded simultaneously and often independently of each other, the Logan Landscape Master Plan envisions unifying site development efforts to ensure that Logan evolves into more than the sum of its individual parcels and projects, providing an organized, efficient, and modern gateway, welcoming nearly 27 million annual visitors to Boston and New England. The Master Plan proposed treatments that unify these areas with common materials and forms, and scale and detail appropriate to the specific setting, parcel orientation, and programmed uses. The overall landscape planting treatment is intended to form a green backdrop that complements the built elements of the airport, establishes a setting that reflects a New England character parkland, dominated by large deciduous and evergreen trees set in an undulating open ground plane of lawn and native grasses, enhanced in key areas with massings of shrubs.

Old Dominion University, Norfolk, VA
Mr. Jennings has been the Design Principal for multiple "on call" engineering and site design projects. VHB MillerSellen has participated in sector master plans with focus upon planning, infrastructure, transportation interface and landscape concepts using sustainable design strategies as a framework for and implementation of stormwater features for various campus buildings. The VHB MillerSellen stormwater master plan embodies the principles of low impact development through the use of pervious hardscapes, dense (yet low maintenance) planting, biologically enhanced stormwater management features, water harvesting and reuse/reclamation for irrigation, and introduction of green roofs. Use of native plantings and xeriscape concepts have help the campus reduce the fertilization loads and water demand for the long term.

Section 3: *Personnel Qualifications*

VHB MillerSellen

David A. Perry, RLA, ASLA: Director, Urban Design and Landscape Architecture

David Perry's experience spans all aspects of urban planning, hospitality/resort planning and design, residential community planning, commercial/ institutional planning, landscape architectural design and construction, and governmental approval coordination. Mr. Perry's areas of expertise include multi-disciplinary team management, pre-development planning analysis, community master planning, commercial site planning, recreation planning, detailed landscape architectural design and construction, and governmental approval representation.

23 years of professional experience

Registrations/Certifications

- Registered Landscape Architect FL

Affiliations

- American Society of Landscape Architects
- Congress for the New Urbanism
- Urban Land Institute
- Florida Redevelopment Association
- Florida Parks and Recreation Association

BS, Landscape Architecture, University of Florida, 1988

Phillipsburg Simpsons Bay Promenade, St. Maarten, N.A.
Commissioned by the Government of St. Maarten to master plan and develop full landscape architectural construction plans, Mr. Perry served as the Lead Planner, Landscape Architect and Construction Manager for the 1.8 mile waterfront pedestrian promenade that fronted on the bustling cruise ship port city of Phillipsburg. As part of this project, Mr. Perry also led a team to develop full architectural design guidelines for future development and retrofit development along the promenade frontage to reinforce the overall project theming, branding and design continuity. The initial phase of this project was completed in 2005 with two subsequent phases completed in 2007 and 2010. This project was specifically designed to provide on-shore activity areas for shopping, dining, and beach access to cruise ship passengers. At completion, this project is estimated to exceed $25 million in construction costs.

Harbor Marina Village, Boynton Beach, Florida
VHB MillerSellen was commissioned by the City of Boynton Beach to serve as their Project Manager and Construction Manager for this 10-acre waterfront redevelopment project. Serving as the Project Director and Lead Landscape Architects and Graphic Artists in the conceptual design and development of the construction design plans and permitting as well as the construction administration for the initial phase of development of this waterfront redevelopment project. The project design included the redevelopment of an active commercial marina, private marina, multiple restaurants, a dockmaster building, an active pedestrian waterfront promenade as well as a 4-acre urban public park space. This project is slated for completion in 2011-2012 and is estimated as $12.5 million in total, exclusive of private restaurant venues.

Dunn Avenue & Main Street Corridor Redevelopment Plan, Jacksonville, Florida
Lead Landscape Architect for the development of a Vision and Master Plan for the City's North Area covering approximately 150 square miles. Consists of recommended specific and prioritized projects, budgets and financing requirements.

Continuing Services Boynton Beach CRA, Boynton Beach, Florida
VHB MillerSellen is helping guide the redevelopment of the 1,650 acre Boynton Beach CRA. Through a continuing contract, the firm is providing ongoing professional design services, which include a broad range of services such as planning, civil engineering, traffic engineering, landscape architecture and graphic design services. VHB MillerSellen is also serving as the prime management consultant for other services that include minor architectural and marine engineering project design.

Ocala Parks Master Plan/ Martin Luther King Jr. Park, Ocala, FL
Serving as Project Director, Mr. Perry led a team of planners, landscape architects and engineers in the inventory and development of the overall Citywide Parks Master Plan. Jointly, as part of this process, Mr. Perry directed and facilitated the public involvement process for this project. A significant development project that was jointly master planned during this process was the Martin Luther King Jr. community park. This part was identified as the first park to be enhanced as part of the future capital projects. Mr. Perry facilitated public outreach meeting within the neighborhood to gain public input into the programming, master planning and ultimate design of the park facilities.

Disney's Flamingo Crossing Town Center
VHB MillerSellen was commissioned by Walt Disney Imagineering to develop an urban town center master plan for the western gateway into the Disney properties. Serving as Project Manager, Mr. Perry led a team of urban planners, landscape architects, and graphic designers in the master planning, detailed thematic design, landscape architectural construction design and construction management of

this soon to be highly energized town center project. At completion this project will contain 7 hotels, multiple free-standing themed restaurants, two Disney Vacation Club timeshare projects and over 500,000 SF of themed retail, in-line restaurants, multiple medium-sized big-box retailers and a grocery store. Infrastructure development started in 2011 with initial phase of vertical construction beginning in late 2011.

Disney's Pleasure Island Redevelopment Design

VHB MillerSellen was commissioned by Walt Disney Imagineering to assist in the re-concepting and thematic design for the redevelopment of this Disney icon project. Serving as Project Manager, Mr. Perry led a team of designers and construction managers for this master planning, landscape architectural and graphic design services. This project refreshed one of the first themed entertainment districts worldwide, but is being redeveloped to better serve higher densities of guests; reactivate a previously unused waterfront and introduce new restaurants and shopping venues. VHB MillerSellen provided detailed landscape architectural design, design concepting, 3-D visualization modeling and construction peer review. Anticipated to be complete in 2012, this project is estimated to cost $65 million at completion.

Disney Master Services Contract – Planning & Landscape Architecture

Mr. Perry has served as the Project Director, lead planner and landscape architect under a professional master services agreement for Walt Disney Imagineering since 1994. Throughout the course of his work for WDI he has master planned and provided full landscape architectural services within every Disney themed park in Orlando, multiple resorts, commercial venues like Disney's Pleasure Island and Disney's Flamingo Crossings Town Center, as well as multiple public park areas within Disney's Celebration and Little Lake Bryan communities.

Millenia Gardens, Orlando, FL

Mr. Perry served as the lead landscape architect and planner for this 80-acre urban site development project which included the development of an urban village with an 8-acre central park and a 3-acre waterfront park fronting on a 60-acre man-made lake. Mr. Perry led a team of planners, landscape architects, and civil engineers in the design development of this urban infill project.

Section 3: *Personnel Qualifications*

VHB MillerSellen

Keith Becker, RLA, ASLA: Urban Design & Landscape Architecture

Mr. Becker serves as a senior landscape designer with a strong background in resort and themed environment construction design, planting design and construction administration. Mr. Becker was previously employed by Walt Disney World, including Horticulture and Imagineering, where he served as a landscape architectural designer and construction manager for 10 years. His particular areas of expertise are concept design, hardscape design, area development, art direction, horticultural garden design, and construction administration.

14 years of professional experience

Registrations/Certifications

- Registered Landscape Architect FL 2010

Affiliations

- American Society of Landscape Architects
- Florida Native Plant Society

BS, Landscape Architecture, University of Wisconsin, 1991

Boynton Harbor Marina Village, Boynton Beach, FL
Landscape Architectural Designer for development of a Master Urban Redevelopment Plan for Active Commercial Marina, Surrounding Streetscapes, Design of a New Waterfront Park. Scope included full master planning, development design guidelines for future development parcels, master signage program, development of full landscape architectural construction plan, coordination and management of site civil and architectural design for multiple buildings including new harbor master building. Provided detailed 3-D visualization modeling and managed public involvement/ consensus building process for multiple property owners.

Summerport Village Waterfront Park, Orlando, Florida
Development of a waterfront park master plan and full landscape architectural construction documents for this 4.5 acre urban park facility located in Orlando FL. Mr. Becker assisted in the development of construction design plans for this park facility. Programmed to be the first of several urban village parks located in west Orange County, FL, this project included design and routing of connecting bike trail system, a pedestrian waterfront promenade, a 4000sf community center, open events lawn areas, and public urban plaza spaces for weekly green market events, public arts and musical events.

Maple Park Master Plan, Currituck County, NC
Mr. Becker provided Landscape Design for this project for conceptual design for relocation and expansion of Maple Park. The project involved coordination of the planning process with existing adjacent facilities as well as ongoing adjacent engineering projects. The project included a public charrette meeting to help reach consensus on a preferred alternative. The Master Plan is complete and the County is preparing to proceed into design.

Randal Park Town Center, Orlando, Florida
Landscape Designer involved with planning, landscape architectural, and civil design services to develop the Randal Park Development Design Guidelines. This 900-acre project, located in Southeast Orlando, will be designed as one of Central Florida's newest neo-traditional neighborhoods (TND) with a mix of residential types including single family, condominium, townhome, and multi-family developments.

Rybolt Park, Master Plan, Orange County, FL
Destined to be one of Florida's most significant examples of "Green Design", this project included the planning, civil engineering and landscape architectural design of one of the first prototypical energy self-sustained communities in Florida. This project was designed to preserve 100% of all environmentally sensitive land areas and actually use them to help provide filtration to an environmentally contaminated river system. Mr. Becker assisted in the master planning, pedestrian trails system design and environmental wetland habitat and restoration design for this project. In addition, Mr. Becker has provided recreational planning and design for the master park system for the entire 1200 acre development with the design of two public owned park facilities, one with a very passive riverfront design program and the second being an active recreational sports park facility.

Valencia Community College Culinary Arts Center, Orlando, Florida
Created a design that mitigates the amount of stormwater runoff from the property beyond what is captured for reuse. Porous materials were used on the site, allowing much of the uncaptured stormwater that would otherwise run off of paved surfaces and into the city stormwater management system to re-enter and recharge the local aquifer. Mr. Becker was a Landscape Architectural Designer for this project.

Flamingo Crossings Town Center; Orlando, FL
As Landscape Architectural Project Manager, Mr. Becker is designing and guiding the development of the Masterplan for all proposed project roadways and connectivity studies for adjacent projects to the project Town Center. Establishment of Development Design Guidelines for all public and private streetscape and roadway enhancements within the project. Preparation of Landscape Architectural Construction Documents including full landscape and hardscape design and construction, as well overseeing all field construction administration for new public roadways within and around the Disney Western Gateway Town Center. Project Size 176+/- acres.

Cape Coral 47th Terrace (Main Street) Streetscape Master Plan, Cape Coral, FL
Development of Redevelopment Streetscape Master Plan and Detailed Construction plans for this 1.7 mile urban corridor. Extensive site inventory of all existing streetscape elements including signage, hardscape, landscape and signage. This project is conceived to be the new downtown pedestrian main street with linkages to surrounding residential neighborhoods, interconnected parks and open space plan, decorative paved intersections and pedestrian zones, upgraded street lighting, and a detailed landscape program.

Tuskawilla Park, Martin County, FL
Commissioned by Martin County Parks and Recreation, this 25 acre park facility is being design as an active recreational sports park to include four high school level soccer fields, two high school level baseball/softball fields, a concessions/restroom building, a maintenance facility, interconnection and internal equestrian trails with connections to a larger trail system, associated parking and extensive native landscape restoration to compensate for off-site impacts from other Martin County projects. Mr. Becker was a Landscape Architectural Designer for this project.

Section 3: *Personnel Qualifications*

VHB MillerSellen

Derick Taylor, ASLA: Project Landscape Architect

Mr. Taylor's design experience ranges from urban infill and community planning, historic and cultural site design, resort and entertainment theming and development, and set design. His particular areas of expertise are in concept design, character development, master planning, theming and storyboarding, graphics, hardscape design, and design detail development.

6 years of professional experience

Affiliations

- American Society of Landscape Architects

Awards

- ASLA Design Award of Excellence in Resort and Entertainment Design, 2006

BLA, Landscape Architecture, University of Florida, 2005

Boynton Harbor Marina Park, Boynton Beach, FL
Project Landscape Architect. Development of a Master Urban Redevelopment Plan for Active Commercial Marina, Surrounding Streetscapes, Design of a New Waterfront Park. Scope included full master planning, development design guidelines for future development parcels, master signage program, development of full landscape architectural construction plan, coordination and management of site civil and architectural design for multiple buildings including new harbor master building. Provided detailed 3-D visualization modeling and managed public involvement/consensus building process for multiple property owners. Estimated Construction Cost – $9.6M

Dunn Avenue and Main Street Corridor Redevelopment Plan, Jacksonville, Florida
Lead Landscape Architect for the development of a vision and master plan for the City's North Area covering approximately 150 square miles. Consists of recommended specific and prioritized projects and budgets and financing mechanisms.

Disney's Pleasure Island, Lake Buena Vista, FL
As project landscape architect, Mr. Taylor worked with Walt Disney Imagineering and VHB MillerSellen team of landscape architects and designers in the redevelopment master planning, theming and landscape architectural design concepting for this very high profile public venue located within Lake Buena Vista, FL. As part of this work, Mr. Taylor developed a series of highly detailed 3-D visualization models that help to visually convey the design intent to make final construction design and budgeting decisions. Based on this work final construction design plans are currently being generated. VHB MillerSellen maintains an active Master Services Agreement with the Walt Disney World Company and provides ongoing planning, landscape architecture and construction administration services for projects ranging from highly thematic design to resort and hospitality design to major public urban gathering spaces.

Mabel Bridge Recreation Complex, Orange County, FL
Lead Project Designer and Manager. Mr. Taylor provided full master planning, construction design and construction administration for this 9.6-acre community park in Orange County, Florida, that included a public pool facility, clubhouse/community center, children's recreational playground, interconnected passive trail system, associated parking and stormwater facilities design, littoral mitigation planting design and a major signage program for the facility and community.

Creative Village, Orlando FL
As project landscape architect, Mr. Taylor assisted in the development of the concept design development and 3-D visualization modeling for the redevelopment planning for the City of Orlando's Amway Center and adjacent Parramore neighborhood. As part of this design effort, Mr. Taylor designed a series of urban parks, small pedestrian spaces, and urban streetscape designs throughout the redevelopment area. This project is being developed as a joint venture between the Bank of America and the Ustler Development Company as part of the City of Orlando Downtown CRA revitalization efforts and will ultimately include much needed affordable housing, increased office and commercial development and quality public open space in and urbanized environment.

Citrus Grove Park, Martin County, FL
Project Landscape Architect. Commissioned by Martin County Parks and Recreation, this 25 acre park facility is being design as an active recreational sports park to include four high school level soccer fields, two high school level baseball/softball fields, a concessions/restroom building, a maintenance facility,

Section 3: *Personnel Qualifications*

VHB MillerSellen

Eric Warren, P.E.: QA/QC Manager

Mr. Warren's professional experience includes over 17 years in the Central Florida area. His area of expertise includes project management for land development projects including single and multi-family residential, office, retail and mixed-use developments, as well as roadway, stormwater, utility design and permitting.

24 years of professional experience

Registrations/Certifications

- Professional Engineer FL 1992

Affiliations

- American Society of Civil Engineers

BS, Civil Engineering, Texas A & M University, 1987

Randal Park, City of Orlando, FL

Project Manager for this 712 acre mixed use project. The first phase project scope included; Conceptual and Mass grading stormwater master drainage plan design and permitting; final engineering design for the Phase 1 Residential Development; and the design, permitting and construction administration of one mile of offsite six-lane divided roadway (Dowden Road) to support the project development. The final site plan for the project consisted of 323 acres of wetland conservation that received 1,700 acres of offsite contributing drainage area that was conveyed through the wetland conservation areas. The stormwater management plan established predevelopment normal high water and control elevations as well as design storm stages in order to maintain wetland functions for the post development conditions by respecting existing conditions drainage patterns and constructing stormwater detention ponds and water control structures.

Avalon Park, Orlando, Florida

Team Leader for the design, permitting and providing construction administration services for 5 of the 'Villages' and 2 mixed use buildings within this 1,800 acre Traditional Neighborhood Design Planned Development including the 1,500-foot entrance road incorporating a bridge span over a tributary to the Econlockhatchee River. Other key elements of the project design included master stormwater and utility design, residential design utilizing a mix of unit product and rear (alley) access, floodplain management and environmental permitting coordination. VHB MillerSellen provided planning and civil engineering services for this project from concept planning and site design to entitlements, construction plan preparation and approval and construction administration services.

Summerport – Blue Bird Park, Orange County, FL

VHB MillerSellen provided full master conceptual planning, preliminary costing, and final construction plans for this 18.87-acre community park located within the Summerport Community. VHB MillerSellen's responsibility in the project included preparation of site work construction plans, obtaining construction permits from Orange County, the South Florida Water Management District and FDEP. VHB MillerSellen provided coordination efforts with the owner, architect and landscape architect during preparation of the construction plans. VHB MillerSellen provided construction administration services for the project from bidding assistance to project completion. VHB MillerSellen also provided environmental services including protection and permitting.

Remington Community Development District, Osceola County, FL

Project Manager for this 734 acre project. The project scope consisted of hydrologic design and permitting for the master stormwater management plan and infrastructure. A key element of the master system was the design, permitting and construction of 78 acres of wetland restoration. The design included construction of earthen berms and water control structures as well as wetland creation areas in addition to the enhancement areas. Responsible for project management, design, construction plan preparation and obtaining permit approvals from SFWMD, Osceola County, City of Kissimmee, FDEP, ACOE and FEMA. Services included preparation of Construction specifications and construction administration.

County Road 535, Segment B Roadway and Utility Improvements, Orange County, FL

The C.R. 535 project consisted of the realignment and widening of one mile of existing roadway from a two lane rural section to a four lane urban section that could be expanded to six lanes in the future. The existing conditions included a dangerous intersection with West Lake Butler Road and reverse ninety degree turns on C.R. 535. The realignment provided for geometry and turn lanes meeting current FDOT Greenbook standards. The West Lake Butler Road intersection was designed to accommodate mast arms

and signalization in the future. In addition to the roadway and drainage improvements, the project included utilities improvements consisting of relocation of 1,022 L.F. of 24" water main and the construction of 477 L.F. of 12" PVC water main and 1,894 L.F. of 16" DIP, 196 L.F. of 12" DIP and 8" PVC reclaimed water mains. All design was coordinated with Power, phone and cable providers. Eric served as Team Leader for this Project.

Section 3: *Personnel Qualifications*

VHB MillerSellen

Andra G. Diggs, II, P.E.: Senior Structural Engineer

Mr. Diggs is a Senior Engineer in VHB MillerSellen's Structural Department whose project involvement includes bridge design and production from the Bridge Development Report (BDR) to final design, post design services, maintenance of traffic phasing, quality control, miscellaneous structures, and construction inspection (CEI).

12 years of professional experience

Registrations/Certifications

- Professional Engineer FL 2006

Affiliations

- American Society of Civil Engineers

- BS, Civil Engineering, University of Central Florida, 1999

City of Kissimmee Pedestrian Bridge , Osceola County, FL
Engineer of Record for Shared Use Pedestrian Bridge spanning over John Young Parkway. The proposed structure will include two 110 foot spans over the roadway with approach spans of over 300 feet each.

SR 46/Lake Jesup Bridge Replacement Design-Build, FDOT D-5, Seminole/ Volusia Counties, FL
Assisted in design of temporary sheet piling operation and foundations. Also provided diaphragm design/details and jacking loads for the structure.

SR 70 Okeechobee Road Bridges, FDOT District 4, FL
Engineer of Record for the six bridges within the project limits. SR 70 is a route generally known for its high volume of truck traffic. The bridges include two proposed vehicular structures, one bridge widening, two proposed share use paths and the construction of a pedestrian bridge. The pedestrian bridge includes two semi-circular spiral ramps to elevate pedestrians for a safe crossing of SR 70.

I-4 Ultimate Lanes, FDOT District 5
Served as the project engineer involved in the preliminary design effort intended to estimate the procedures and associated costs necessary for the construction of I-4 to ultimate lane configuration through much of downtown Orlando. Responsibilities include preliminary bridge design for several alternates, quantities and their associated cost estimates.

I-4/SR 44, I-4 Widening from SR 44 to I-95, FDOT District 5
Served as the project engineer involved with the preliminary design of the project bridges including the retaining wall design and bridge MOT. Duties also included the redesign of more than 20 concrete box culverts to ensure culverts met LRFD code requirements, sign structure, and foundation design.

I-75 at Golden Gate Parkway, FDOT District 1
Served as the project designer responsible for wall design, final plans, and final computation book. The project involved the construction of three curve steel ramp bridges, the widening of the Golden Gate Parkway Bridge, and the construction of a sound barrier wall along the northern portion of the project in Naples, FL.

Oak Ridge Road Bridge over SR 91, Florida's Turnpike Enterprise, Orange County, FL
This project involved the redesign of the intermediate pier and quality assurance/quality control of the final design. Proposed piles were designed and driven around the existing piles. This alleviated a pile extraction operation, allowing traffic flow to continue during construction.

Harbco Taft-Vineland, Orange County, FL
Served as the project manager and engineer responsible for the foundation design of two Steadfast Bridges. The project also involved the construction of a bridge- culvert over canal C-11 with CIP concrete walls and precast concrete piling.

CR 775 Widening, Charlotte County, Englewood, FL
Served as the inspector for this bridge widening project in Englewood which consisted of three bridges to be widened to match roadway construction. Also served as inspector responsible for all pile driving activity.

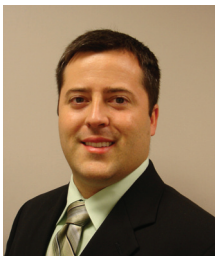
Additional Expertise:

- Preliminary and Final Bridge Design including BDR Development, Post Design Services, and CEI
- Concrete superstructure design including flat slabs, decks, AASHTO beams, and diaphragms
- Concrete substructure design including single and multi-column piers, pile bents, and spread footings
- Concrete Box Culvert Design
- Retaining Wall Design including MSE walls, CIP concrete, precast concrete, and sheet piling
- Miscellaneous Structures Design including overhead signing, mast arm foundations, and noise walls
- Familiar with AASHTO Bridge Design Specifications, Fourth Edition
- Familiar with FDOT Structures Design Guidelines
- Familiar with FDOT Design Standards

Section 3: *Personnel Qualifications*

VHB MillerSellen

Anthony S. Call, PE, LEED AP: Sr. Civil Engineer



Mr. Call is a Project Manager in the Land Development Department at VHB MillerSellen. He spent 10 of his 13 years of engineering experience specializing in large scale land development projects

13 years of professional experience

Registrations/Certifications

- Leadership in Energy and Environmental Design Accredited
- Professional Engineer (FL)

Affiliations

- American Society of Civil Engineers

- MS, Civil Engineering, Florida Institute of Technology, 2000
- BS, Civil Engineering, Florida Institute of Technology, 1995

Solivita Grand Phase 1A, Osceola County, FL

Project Engineer for the civil engineering for this 847-acre tract. The project involves the design of a stormwater management system for 800 residential lots. The stormwater management system includes 15 interconnected wet detention ponds and lakes and stormwater collection systems. The project involves the construction of up to 127 acres of lakes, and interconnecting ponds, as well as access roadways, stormwater collection systems, retention and detention systems, and a wetland restoration area. The project is being permitted through Osceola County and SFWMD.

Solivita Active Adult Community, Poinciana, FL

Project Engineer on the LOMR-F submittals to FEMA. Prepared LOMR-F submittal packages, coordinated approvals with Polk County, and coordinated approvals with FEMA. Project Engineer for the Residential Design for Solivita, Phases 1, 2, 4-6. The project involves the construction of up to 4,000 units of single family housing, a golf course, 150 acres of lakes, and interconnecting ponds, as well as access roadways, stormwater collection systems, retention and detention systems. This project involves 3,150 acres. Phases 1 through 4, and 6 have been completed.

University of South Florida 2010 Master Plan Update

Mr. Call serves as the lead civil engineer for the 2010 Master Plan Update. Mr. Call will focus on creating a sustainable program for the campus' use of potable water, reclaimed water, and storm-water collection and treatment systems. Mr. Call will work with local municipalities to analyze current uses and future expansions of sanitary sewer and reuse water infrastructure within the Tampa Campus. He will also oversee the creation of the supporting figures within the 2010 Master Plan.

Due Diligence & Master Planning Services, City of Ocoee, FL

Project Engineer to perform a feasibility study and master planning services on three separate sites located within the City of Ocoee. The first site, a 350-acre parcel, involved a due diligence study and conceptual planning prior to annexation into the City. The property would be a mixed-use development containing parks, schools, residential homes and commercial uses. The second site, 25-acres in size, was master planned for a joint use development between a city recreational park and an elementary school site. The third required master planning the downtown area of Ocoee, including City Hall, the police station and the fire station. For these three projects, VHB MillerSellen provided site/civil engineering and environmental services as directed by the City of Ocoee.

Downtown ChampionsGate, Champions Gate, FL

Project Engineer for this for this 23-acre tract, which includes 4.5 acres of inter-connecting ponds, as well as access roadways, stormwater collection, potable water, sanitary, and franchised utility systems. The environmental resource permits for the project required permitting through both South Florida (SFWMD) and Southwest Florida Water Management District (SWFWMD).

Solivita West, Polk County, FL

Mr. Call is currently the Project Engineer for the Solivita West Development, a 950-acre tract. Mr. Call worked on the conceptual stormwater permit that was obtained through the South Florida Water Management District (SFWMD) as well as environmental resource permits for the construction of five phases. The stormwater management system includes 21 interconnected wet detention ponds and lakes and stormwater collection systems. The project involves the construction of up to 1,650 units of single family housing, a recreational/amenities area, 70 acres of lakes, and interconnecting ponds, as well

as access roadways, stormwater collection systems, retention and detention systems. The project was permitted through Polk County, SFWMD and ACOE.

James Madison University Athletic Fields Complex and Stadium Expansion, VA

Mr. Call is the lead project engineer for the 90-acre Port Republic Road Athletic Fields Complex project. This project will include competition fields for field hockey, soccer, and lacrosse. It will also accommodate a track and field complex with seating for 1,000 spectators. VHB MillerSellen is providing site/civil, environmental, and Leadership in Energy and Environmental Design (LEED) certification services for the Bridgeforth Stadium expansion, which is necessary to accommodate the growth of the football program, as well as to support larger graduation ceremonies and other special events.

Boggy Creek Road Utility Relocation, Osceola County, FL

Tohopekaliga Water Authority (TWA) retained VHB MillerSellen to design the relocation of potable water and sanitary sewer force mains located in the Boggy Creek Road corridor prior to roadway widening. Mr. Call performed an analysis that included identifying conflicts of existing force and water main at crossings with proposed storm drainage and identified where existing utilities had inadequate lateral separation to meet TWA standards. The design also required the extension of a potable trunk line as part of a larger master utility plan. Mr. Call's final design successfully minimized the extent of existing relocation. VHB MillerSellen also offered alternatives to relocations where right-of-way constraints existed or where other methods might be more economical.

Section 3: *Personnel Qualifications*

HARGREAVES ASSOCIATES

GEORGE HARGREAVES, FASLA, RAAR: DESIGN DIRECTOR

Affiliations

- Fellow of American Society of Landscape Architects

Awards

- Finalist, Cooper Hewitt National Design Awards 2002
- Distinguished Alumnus Award, University of Georgia 1997
- ASLA Certificate of Honor for Excellence in the Study of Landscape Architecture 1977
- Hubert B. Owens Fellowship 1977

Master of Landscape Architecture, Harvard University Graduate School of Design, 1979

George Hargreaves is the Design Director of Hargreaves Associates, a professional consulting firm comprised of landscape architects and planners with offices in San Francisco, California, Cambridge, Massachusetts, New York City, and London. Under his design direction, Hargreaves Associates has received 34 national awards from the American Society of Landscape Architects (ASLA), six from the American Institute of Architects (AIA), five from the Waterfront Center, and three from Progressive Architecture. His work, and the work of Hargreaves Associates, have been and continue to be published and exhibited nationally and internationally. Mr. Hargreaves was an artist in residence at the American Academy of Rome in 2009. He taught at the Graduate School of Design at Harvard University for 20 years, tenured there for 12 years, and served as the chairman of the Department of Landscape Architecture from 1996 to 2003. He is the co-editor and author of "Large Parks," a book that explores large urban parks in depth as complex cultural spaces, where key issues of landscape discourse, ecological challenges, social history, urban relations, and place-making.

PROFESSIONAL EXPERIENCE

Hargreaves Associates, San Francisco, CA; New York, NY; and Cambridge, MA
The SWA Group, Sausalito, CA
Cheshire Design Group, Chester, England

ACADEMIC EXPERIENCE

Peter Louis Hornbeck Professor in Practice of Landscape Architecture, 1996-2008
Chairman, Department of Landscape Architecture, Harvard University Graduate School of Design Cambridge, Massachusetts, 1996-2003
Adjunct Professor of Landscape Architecture Harvard University Graduate School of Design Cambridge, Massachusetts, 1991-1996

VISITING PROFESSOR / CRITIC

University of Pennsylvania, Philadelphia, PA 1991
Harvard University, Cambridge MA 1987-88, 1988-89
University of Virginia, Charlottesville, VA 1985
University of Illinois, Champaign, IL 1984
Cal Poly, San Luis Obispo, CA 1981
FELLOW
American Society of Landscape Architects

NATIONAL JURIES/BOARDS

US President's Award 2000, Chair Urban Design and Landscape Architecture, 1999
Chair, Designed Landscape Forum, 1996
Editorial Advisory Board, Landscape Architecture Magazine, 1996-98
American Academy in Rome, Rome Prize 1996
Veronica Green Prize in Urban Design 1996
Executive Board, Designed Landscape Forum 1995
American Institute of Architects, California and Mexico Joint Awards Program 1994
Visionary Landscapes of the 21st Century, Landscape Architecture Magazine 1991
Chairman, American Society of Landscape Architects,
Professional Awards of Excellence 1988
American Academy in Rome, Rome Prize 1988

American Society of Landscape Architects, Professional Awards of Excellence 1987
Design Arts Program, National Endowment for the Arts 1986

EXHIBITIONS

"Groundswell: Constructing the Contemporary Landscape", Crissy Field, The Museum of Modern Art 2005
"Large Parks: New Perspectives,": Large Parks Conference, Harvard Design School 2003
"Revelatory Landscapes," San Francisco Museum of Modern Art, 2000
"Olympics 2000," Sydney RAIA, London RBIA, Hong Kong HKIA, 2000
"Manufactured Sites," Harvard Graduate School of Design 1998
"Le Festival International des Jardins de Chaumont-sur-Loire Chaumont-sur-loire, France 1996
"Landscape: A Concept," Oliver Art Center, California College of Arts and Crafts Oakland, CA 1995
"Facing Eden: 100 Years of Landscape Art in the Bay Area," DeYoung Museum San Francisco, CA 1995
"(Re)made Landscapes," deSingel International Antwerp, Belgium 1995
"Urban Hydrographies," Louisville Waterfront, Guadalupe River, Parque Tejo e Trancão (Lisbon), Portland Eastbank Riverfront. University of Pennsylvania Philadelphia PA 1994
"Constructed Ground—Byxbee Park," University of Pennsylvania Philadelphia, PA 1993
"Specific Landscapes," Solo Exhibition Harvard University Graduate School of Design, Cambridge, Massachusetts, 1987; Ohio State University, 1988; University of Minnesota, 1988; University of Toronto, Toronto, Canada, 1988; Penn State University, 1989; North Carolina University, 1989; California Polytechnic State University, 1989

INDIVIDUAL PUBLICATIONS

"Large Parks: A Designers Perspective" with Julia Czerniak, Princeton Architectural Press, 2007.
"Prospect Green," with Kendra Taylor, Garten + Landschaft, October 1996
"Most Influential Landscapes," Landscape Journal. Fall 1993
Guest Editor, Landscape Architecture Magazine, 1988 ASLA Awards Issue
"In Pursuit of the Real," Six Views: Contemporary Landscape Architecture (exhibition catalog)—Dextra Frankel, et al, California State University Fullerton, CA 1986
"Post Modernism Looks Beyond Itself," Landscape Architecture, July 1983

LECTURES

"The 21st Century Park and the Contemporary City", 2009 Spring Conference, Forum for Urban Design, New York, New York 2009
"Landscape Alchemy" The American Academy in Rome, Italy 2009
"Large Parks: A Designers Perspective" University of Pennsylvania 2008; London, UK 2008
"Large Parks: A Designers Perspective" Tulane University, Louisiana 2007; Seoul, Korea 2007
"Interpretation and Measurement" Groundswell: Constructing the Contemporary Landscape Symposium, The Cooper Union 2005 ; Department of Landscape Architecture and Environmental Planning Guest Lecturer, Utah State University 2005; 2005 International Architectural Culture Festival, Busan, South Korea.
"Large and Small" The New York Botanical Garden Lecture Series 2004
"NYC 2012: Olympic Village" with Thom Mayne, The New York Architectural League 2004
"Large Parks" International Federation of Landscape Architects Conference, Buenos Aires 2004
"Large Parks: New Perspectives": Large Parks Conference, Harvard Design School 2003
"Governors Island: Designing an Urban Vision," Cooper-Hewitt National Design Museum, New York, October 2002
"Large Parks: 17th to 21st Century," Creating Green Environments Conference, Honolulu, Hawaii, September 2002
"Mayor's Forum," Urban Land Institute May 2002

Section 3: *Personnel Qualifications*

HARGREAVES ASSOCIATES

GAVIN McMILLAN: TECHNICAL PRINCIPAL

Awards

- CMAA Award for Innovation in Masonry
- P. Behan Memorial Prize for Landscape Design
- SGAP Prize for Landscape Design

- QLD University of Technology, Brisbane, Australia, Graduate Diploma of Landscape Architecture, 1988
- QLD Institute of Technology, Brisbane, Australia, Bachelor of Applied Science, 1983

Gavin McMillan started practicing over 25 years ago and worked on the design of the 1988 World's Fair and the Sydney 2000 Olympic Games. His particular area of expertise is transforming challenging sites into valued cultural and natural places as evidenced in cities he worked for. His award winning work has led him to projects around the globe, contributing articles in the Urban Land Institute & Earth Pledge Foundation publications, speaking on landscape & urban design issues, judging excellence in development awards and as a studio instructor at Harvard's School of Design.

PROFESSIONAL EXPERIENCE

Hargreaves Associates, USA
New Ground Environmental Design, Australia
Belt Collins Australia, Sydney, Australia
Belt Collins International, Singapore
Landplan Studio Pty. Ltd., Brisbane, Australia
P. Clarke and Associates, Brisbane, Australia

PUBLICATIONS

"Environmental Issues for Waterfronts," ULI, Remaking the Urban Waterfront, 2004
"Sydney 2000" Sustainable Architecture White Papers, 2000
"An Australian Landscape for the Sydney Olympiad," Landscape Australia, 1995
"Home Grown Garden," House and Garden, 1995
"Paving and Landscapes," Australian Concrete Construction, 1994
"Landscape 2000," BOMA magazine, 1993

LECTURES

"Landscape and Brownfields", National Brownfields Conference, Boston, 2007
"Creating & Recreating Environmentally Sensitive Landscapes" Cities & their Quality of Life, Water & Environment Conference, Santander, Spain 2006
"Waterfronts Intepreting History", APA National Conference, San Antonio, 2006
"Public Art Challenges," City Forum, Chattanooga, Tennessee 2005
"Getting Dirty," Brownfields Revisited Series, Clemson Architecture Center, Charleston 2004
"Imagining Riverfronts," Davenport, Iowa, 2003
"Interior Plants," Facilities Manager's Conference, 1996
"The Role of Plant Guidelines for Homebush Bay," Olympic Coordination Committee Seminar, 1995
"Designing for the Australian Landscape," AIH Seminar, 1994

PROJECT EXPERIENCE

London 2012 Olympics Park & Legacy Transformation
Nashville Riverfront, Nashville, Tennessee
Knoxville South Waterfront, Knoxville, Tennessee
South Point Park, Miami Beach, Florida
21st Century Chattanooga Waterfront, Chattanooga, Tennessee
Hershey Medical Center, Cancer Institute, Hershey Pennsylvania
Blaxland Riverfront Park, Sydney, Australia
North Tract Park, Arlington, Virginia

Louisville Waterfront Park Phase 2 and 3, Louisville, Kentucky
General Motors Warren Technical Center Master Plan, Detroit, Michigan
Sydney Olympics 2000, Sydney, Australia
Sydney International Athletic & Aquatic Centers, Sydney, Australia
Gold Coast Commercial Centre and Marina, Hong Kong
BMI City, Jakarta, Indonesia
World's Fair 1988, Brisbane, AustraliaAmerican Society of Landscape Architects, Professional Awards of Excellence 1987

Section 3: *Personnel Qualifications*

HARGREAVES ASSOCIATES

KIRT RIEDER: DESIGN MANAGER

- Master Landscape Architecture, Harvard University Graduate School of Design, 1994
- Bachelor of Urban Planning, University of Cincinnati, 1990

Kirt Rieder has served as project landscape architect and project manager for a number of the firm's ward-winning projects since 1994. He is currently managing construction activities for the Reinventing the Crescent - Downriver Park in New Orleans; technical design for Denver Union Station public realm; and early master planning for the Richmond Virginia riverfront.

ACADEMIC EXPERIENCE

Harvard University Graduate School of Design, Cambridge, MA
Landform Workshop, Design Critic/Lecturer, 1998-2004;
Gold Mine Reclamation Option Studio, Design Critic,
co-teaching with Martha Schwartz, 1998.

LECTURES

"Modeling, Virtual and Physical," Representing Landscapes, University of California - Berkeley, November 2000
"Crissy Field: Tidal Marsh Restoration and Form," Manufactured Sites, Site Technology Conference, Harvard University Graduate School of Design, April 1998
"Crissy Field," A New Future for an Historic Public Space, Architecture and Design Forum, San Francisco Museum of Modern Art, March 1998
"Crissy Field," Mapping Public Space, Landscape Architecture Colloquium, University of California at Berkeley, 1997

PUBLICATIONS

"Modeling, Physical and Virtual" Representing Landscape Architecture, ed. Marc Treib, Taylor and Francis Books, 2007
"Crissy Field: Tidal Marsh Restoration and Form," Manufactured Sites: Rethinking the Post-Industrial Landscape, ed. Niall Kirkwood, Spoon Press, 2001
"Fresh Pond Housing," Studio Works, Harvard Graduate School of Design, 1995

PROJECT EXPERIENCE

Reinventing the Crescent, Riverfront Master Plan/ Crescent Park New Orleans, LA
Baton Rouge Riverfront Master Plan Baton Rouge, LA
University of Illinois Chicago Master Plan Chicago, IL
Shaw Center for the Arts Baton Rouge, LA
Centennial Park Davenport, IA
Denver Union Station Public Realm Landscape Denver, CO
Crissy Field San Francisco, CA
University of Cincinnati Cincinnati, OH
Jefferson Quadrangle
Varsity Village + Schmidlapp Plaza
Clifton Arc
University Commons
University of Michigan Biomedical Science Research Building, Ann Arbor, MI
Syracuse University Life Sciences Complex Syracuse, NY

Section 3: *Personnel Qualifications*

Peter Pike: Architectural Design

Peter Pike & Associates understands and is accustomed to the design needs and the schedule requirements of clients. Being a full-service firm serving municipal, commercial and private parties, Peter Pike & Associates manages resources effectively to accommodate the scheduling requirements of projects.

Memberships / Licenses

- Licensed by the Florida Board of Architecture and interior design
- Licensed by the National Council of Architectural Registration Board
- Prior Licensed State of Florida General Building Contractor
- Appointed Member of Key West Contractors Board by the Mayor of Key West

- BA, Architecture, University of Florida
- AA, Florida Keys Community College

Key West Bight Ferry Terminal (I & II)
Client-City of Key West (ongoing project)-Contracted for A & E services for an expansion of the existing structure/pier, disembarking and embarking gates. TSA and Federal security, ADA compliance and Construction Administration Services.

Thompson Fish House
Client-City of Key West (ongoing project)- Contracted for A & E services for an, restoration and conversion of existing historic building to serve as retail / commercial lease space and as dock master's facility. Vessel Fuel systems and ADA compliance

First State Bank Summerland Branch
Client-First State Bank of the Florida Keys - Contracted for A & E services with bank owners & local management, provided design services & construction drawings for refurbishment & expansion of the Summerland Branch. Emphasis on new construction and ADA compliance.

Atlantic Shores/Southernmost on the Beach Resort
Client - Southernmost Hotels Limited Partnership Contracted for A & E services for new resort hotel, restaurant, bar and guest services., Provide full services including construction administration for all aspects of the demolition of the existing Atlantic Shores Hotel and subsequent construction of a new Southernmost On The Beach hotel.

201 William Street Administration Building
Client-City of Key West - Contracted for A & E services for an, restoration and conversion of existing building to serve as office administration for City staff/ commercial lease space Provide full ADA compliance.

The Inn At Key West Major Renovations
Client - Remington Hotel Corporation - Working with hotel owners & local management, provided design services & construction drawings for complete property upgrades and redesign & renovations due to hurricane damage. ADA compliance.

Waterfront Market Building
Client-City of Key West - Working with the City of Key West, provided design services & construction drawings for renovations and building code upgrades.

Harbor House Town Homes
Client - Caroline Street Partners - Working with developers, provided design services & construction drawings for 32 unit town home community in Key West. Emphasis on new construction in Historic District.

Section 3: *Personnel Qualifications*

Robert Heilman, AIA, NCARB, LEED AP: Architectural Design

During Mr. Heilman's more than 22 years of architectural and planning experience, he has worked with construction budgets from $1 to $40 million on projects including Master Planning, Themed development, Transit Oriented Design, Corporate Office, Education, Healthcare, Industrial Warehouse, Parking Structures, Religious, Residential and Retail. In addition to strong management and technical skills, Bob Heilman focuses on creating strong design strategies that both engage and inform clients.

Affiliations

- Licensed Architect, State of Florida, # AR10014620
- Member, American Institute of Architects (AIA)
- Member, National Council of Architectural Registration Boards (NCARB)
- USGBC LEED Accredited Professional

Awards

- American Institute of Architects Henry Adams Medal
- Chicago Institute for Architecture and Urbanism
- Skidmore, Owings & Merrill Foundation

MLA, Landscape Architecture, University of Florida, 1990

Heilman Architecture provides full architectural, Planning and interior Design services throughout Florida and the Caribbean. Our projects including Master Planning, Themed Development, Transit Oriented Design, Corporate Office, Parking Structures, Residential and Retail.

In addition to strong management and technical skills, our firm focuses on creating strong design strategies that both engage and inform clients. Our philosophy of a balanced approach to project management, communication, scheduling and cost control ensures that, each project is completed on time and on budget with minimal clarification required during construction.

Heilman is committed to the efficient and environmentally compatible design of all our projects and are LEED AP and members of USGBC.

MASTER PLANNING

Hospice of the Comforter, Altamonte Springs, FL.
Victory Deliverance Center, Sanford Florida
Alternative Treatment International, Naples, FL.
Lighthouse Point, North Ft. Meyers, Florida, Multi-Building Condominium Complex
Hospice of the Comforter, Altamonte Springs, FL.
LakeSide United Methodist Church, Lake Mary, FL.
St. Luke's Lutheran Church, Oviedo, FL. 1999
First Baptist Church of Brooksville, Brooksville, FL.
Central Florida Community College, Ocala, FL.
Oakridge High School, Orlando, FL.

COMMUNITY RESORT AND RECREATION

Avatar Solivita Pool and Community Center and signature entry tower, Poinciana, Florida
Avatar Solivita Guardhouse, 400-SF entry gate and guardhouse, Poinciana, Florida
Avatar Solivita Maintenance Compound facility, multiple resort support buildings, Poinciana, Florida
Village Center 2-story retail village center 35,000-SF Antigua West, Indies
Southernmost at Atlantic Shores, 3-story, 84-room, Resort Hotel with recreational amenities Key West, Florida
Sugar Mill Hotel 80-room corporate hotel Antigua, West Indies 2005
Sandpiper Condominium, 84-unit Beachfront Condominium Renovation, New Smyrna Beach, FL.

Section 3: *Personnel Qualifications*

Malcolm McLaren, PE, SECB: Structural Design

Mr. McLaren has more than 37 years of design, engineering and inspection experience for structural, bridge/highway/rail, site/civil, geotechnical, marine, and forensics projects nationwide. He has participated as engineer or manager on more than 7,000 projects varying in scope and difficulty. Design specialties include design of mixed-use high rise building structures; land use development; waterfront structure inspection and rehabilitation, especially relative to marine borer activity; design of unique bridge and rail structures; waterborne transportation facility design; intermodal transportation planning; the design and use of composite materials; forensics investigations and litigation testimony; and the design of complex theatrical staging and mechanized effects.

Professional Registration

- Licensed Professional Engineer: New York and 38 Other States
- ADC and NASDS Certified Diver

- MS, Structural Engineering, Rutgers University, 1975
- BS, Civil Engineering, Cornell University, 1973

Demolition and Reconstruction of Atlantic Pier; Jacksonville, FL
Project Executive for the preparation of the demolition plans for the existing pier. Services also included developing design plans for the construction of a new pier using the existing piles, bents and dolphins, and providing construction phase services. In addition to the marine services needed for demolishing and constructing the pier, site/civil engineering services were performed for the topside of the pier as required. Services also included preparation of all plans and submitting them to the governing authorities as required; a thorough site reconnaissance; geotechnical investigations; and replacement design for the pier and the adjacent bulkhead track. Fendering alternatives and mooring designs were also presented.

Battery Park City Esplanade Structural Remediation; New York, NY
Project Executive for site investigation, rehabilitation designs, assistance in the procurement process, and management of the construction process for five sites at the BPCA Esplanade. Deficiencies were generally in concrete walls and pathways, caused by losses of soil fill and/or substructure movement. Repair designs included compaction grouting and expansion joint remediation.

Almar Condominium; Cocoa Beach, FL
Project Executive for multi-story concrete ocean-front condominium. Special considerations included systems to resist high-velocity hurricanes, storm surge and associated ocean water scouring effects, post-tensioned slab and corrosion-resistant concrete reinforcement throughout. 50-year life before renovation is more than double the local average.

Roseland Port Imperial Waterfront Esplanade and Mixed-Use Development; Weehawken, NJ
Project Executive for the development of Port Imperial, a $1.7 billion master planned waterfront community, along two miles of the Hudson River, in West New York and Weehawken, New Jersey. Responsible for the engineering and design of a waterfront esplanade along with the Hudson. Project also included shoreline stabilization design, geotechnical design, soil surcharge design, and soil monitoring programs, and structural design and construction oversight of several residential buildings. Port Imperial consists of 6,500 residential units and approximately 2 million square feet of commercial space, including office, retail, entertainment, and a full service hotel.

Design of an Oceanfront Pier, Ferry Terminal and Waterfront Destination; City of Long Branch, NJ
Project Executive for full marine, site/civil and structural engineering services needed for the design and construction of a new oceanfront pier in Long Branch, NJ. The pier design includes multifunctional retail and entertainment facilities, a learning center, a ferry terminal providing commuter access to New York City and incorporating renewable energy resources. The pier is a critical aspect of the City's redevelopment plan, enhancing its identity as a premier United States destination.

Moss Park; Orlando, FL
Project Executive for 11,250 sf, one-story, multi-tenant concrete tilt-wall strip mall structure. Included engineering the wall panel system in addition to the roof and foundation systems.

Waterfront Revitalization – 4th and 5th Street Piers at Kent Avenue; Brooklyn, NY
Project Executive for this redevelopment project along Williamsburg's waterfront in Brooklyn NY. The 4th and 5th Street Piers are being revitalized in two phases: the demolition phase and the construction

phase. McLaren is performing detail design, construction inspection and construction administration services during these phases. McLaren performed an investigation of the waterfront structures including existing pile fields and bulkheads, and a hydrographic survey of the project site area. McLaren provided a boring plan, waterfront site investigation and permitting services, and conceptual designs in addition to supervising the taking of geotechnical boring samplings.

Maxwell Place Waterfront Site Development and Recreational Pier; Hoboken, NJ
Productive Principal for this waterfront development project which comprises the conversion of the former Maxwell House coffee industrial site to a residential mixed-use facility. The project includes modifications to existing buildings, roadway design, site and utility development, the addition of a two-level underground parking area and walkway and recreational pier. McLaren provided design and construction inspection services associated with this project.

Engineering and Inspection Services for Marine Structures; Manhattan, NY
Project Executive for this contract involving the structural inspection of the piles, precast concrete seawall skirt, and the riprap slope protection that surrounds the perimeter of the Battery Park City Authority parcel in lower Manhattan. McLaren assessed the condition of and made repair recommendations for approximately 3,500 precast concrete piles that support the relieving platforms at the Battery Park City esplanade, as well as timber piles which support a platform at the north end. McLaren also performed a testing program to investigate "hot spots" (areas of significant deterioration), provided statistical analysis of inspection data, developed repair alternatives with cost estimates, prepared construction documents and specifications, and provided construction administration services and full-time construction inspection services.

SUNY Maritime Pier; Throgs Neck, NY
Project Executive for the rehabilitation and expansion of the campus pier and other waterfront structures. Services include an in-depth inspection of the campus' Main Pier, structural and load rating analysis of the pier and an extension to the pier to accommodate the docking of an additional sea-faring vessel. Work also included rehabilitation of the 5,000 sq. ft. deck surface and pier to help prevent future damage and deterioration.

Areawide Waterfront Rehabilitation Design Services Contract; Brooklyn Navy Yard, NY
Project Executive for the design of repairs, reinforcing, and protection of various waterfront structures at this 213-acre site, including Piers C, D, G and K; Berths 3A, 14A, 17, 18, 20A and 20B. Work included above and underwater inspection and assessment of piers, low-level relieving platforms, bulkheads/seawalls, and wharves. Services provided included preliminary and final design as well as preparation of construction cost estimates for the rehabilitation.

Ferry Shore Facilities; Citywide; for New York City Department of Transportation
Project Executive for inspection, design, and resident engineering services on an as needed basis for various ferry facilities. These facilities include ferry terminals and maintenance berthing facilities. Encompasses are piers, pontoons, gangways and moveable bridges, ship fendering structures and mooring systems, passenger terminal buildings, soil retaining structures, dredged channels, fueling and bulk oil storage and distribution facilities, maintenance and industrial buildings, elevated traffic structures, rail rapid transit stations and bus terminals, and parking facilities on platforms over water and upland.

Battery Park City Ferry Terminal – Complete Marine & Fendering Design; Battery Park City, NY
Project Executive for the structural, marine, geotechnical and civil engineering design of a $70 million, 32,000 square foot floating terminal for the Port Authority of New York & New Jersey. Services included structural, marine, geotechnical and civil engineering design, including extensive fendering design.

Section 3: *Personnel Qualifications*

McLaren Engineering Group applied ingenuity

Stephen D. Frech, PE: Marine Engineering

Mr. Frech is a licensed Professional Engineer with over 12 years of experience in inspection, design, construction, and project management for a wide range of project types. His extensive expertise encompasses various marine structures and installations, such as piers, marinas, ferry terminals and landings, and docks, in addition to buildings and structures ranging from commercial to industrial to educational. His experience also includes architecturally exposed, environmentally sensitive structures and high-rise flat-plate construction. Mr. Frech possesses a specialty in the mechanics of high performance structures and the production demands that come from working with clients on tight schedules.

Professional Registration

- Professional Engineer: New York

Professional Affiliations

- Structural Engineers Association of New York – Existing Building Codes Committee

Awards

- New York Landmarks Conservancy Lucy G. Moses Preservation Award, MetLife Façade Renovation
- American Institute of Architecture National Honor Award, Do-Ma Barn Renovation

BS, Civil Engineering, Washington University

Demolition and Reconstruction of Atlantic Pier; Jacksonville, FL
Design of an Oceanfront Pier, Ferry Terminal and Waterfront Destination; Long Branch, New Jersey; Project Manager responsible for marine and structural engineering services needed to design and construct a new, $120 million oceanfront pier in Long Branch, New Jersey. The pier will include multi-functional retail and entertainment space, a learning center, a ferry terminal providing commuter access to New York City and will also incorporate renewable energy resources. The pier is a critical aspect of the City's redevelopment plan, which will enhance its identity as a premier United States destination.

Feasibility Study – Relocation of P.J. Sharp Boathouse, Sherman Creek; New York, NY
Project Manager for marine-related services in determining the feasibility of relocating the P.J. Sharp Boathouse. Mr. Frech is heading up the assessment, in addition to design of modifications for an existing kayak launch at the site and development of a shoreline cleanup and stabilization plan. Construction support services will also be provided.

Ferry Shore Facilities – Harper St. Asphalt Plant Dock Facility 25-10; for NYCDOT
Project Manager for the underwater condition inspection and schematic design of repairs for the rehabilitation and reconstruction of the pile-supported docking platform at the Harper Street Asphalt Plant located in Corona, NY.

Investigation of Piers C & D; Weehawken, NJ
Senior Engineer for the provision of ongoing marine-related services at Piers C & D in Weehawken, New Jersey. Mr. Frech is coordinating the design and construction administrative services for repairs to the piers and other marine installations at the Charthouse Restaurant site. Inspection and Repair Design, Arthur's Landing Restaurant Substructure; Weehawken, New Jersey; Project Manager for the inspection and condition assessment of substructure supporting the former Arthur's Landing Restaurant. Mr. Frech is leading the design of repairs to the failed steel sheet pile bulkhead west of the Restaurant.

Public Walkway Investigation, Jersey City Waterfront; Jersey City, NJ
Project Manager for the investigation of deficiencies noted at a public walkway that runs from Essex St. to York St. in Jersey City. Mr. Frech led the investigation and prepared a findings report with repair recommendations.

Waterfront Development at Liberty Harbor North; Jersey City, NJ
Project Manager for a new, 500,000 square foot residential building located on the Jersey City Waterfront. The building consisted of flat-plate concrete construction with the residential block situated over a parking garage. The design required extensive load transfers to accommodate the parking layout below.

East and Harlem River Ferry Landings; New York, NY
Senior Engineer providing technical oversight for the structural and marine design of various ticket booths and ferry landing facilities for a $10 million civil-structural-marine engineering project to develop three waterfront locations as ferry landing sites to accommodate vessels, passengers, and intermodal transportation along the East and Harlem Rivers of Manhattan.

Ferry Shore Facilities – Miscellaneous Engineering Services (On-Call); for NYCDOT
Senior Engineer/ Manager providing project management oversight for on-call Civil Engineering and Allied Services in relation to construction contracts for structural reconstruction of ferry facilities and other miscellaneous work when and where directed by the NYCDOT. Mr. Frech is currently overseeing the replacement of elevated slabs at Slips 4, 5 and 6, an effort that involves slab design – from demolition through construction documents – construction cost estimates, and bid phase support.

Staten Island Homeport Bulkhead/Seawall Rehabilitation; Staten Island, NY

Senior Engineer providing technical oversight for the design and construction support services for long-term rehabilitation of a collapsed portion of steel sheet pile bulkhead located at Staten Island Homeport. Services included engineering analysis and design for a replacement tied back bulkhead. A full set of construction drawings and technical specifications were prepared, as well as construction cost estimates and assistance with bidding.

India St. Pier Marina Schematic Design; Brooklyn, NY

Senior Engineer/ Manager providing project management oversight for the condition survey, hydrographic and side scan survey and schematic design of this marina with high-end boat slips to accommodate vessels in the 40' to 70' range. Services encompassed an above water condition survey of the existing shoreline and piers, which included findings, recommendations for repair or replacement and a construction cost estimate for the selected alternative. Close coordination with the owner/ developer was required to provide cost effective solutions to meet client needs.

Green Street Pier Stabilization, Demolition & Replacement Design; Brooklyn, NY

Senior Engineer/ Manager providing project management oversight for the shoreline stabilization, demolition and construction at the Greet Street Pier. Services include preparation of shoreline stabilization plans, details and sections; demolition plans and details; pier reconstruction plans indicating piles, deck framing and fendering.

Tall Ship Mooring Design at Berths 6, 7, and 7A; Brooklyn, NY

Senior Engineer/ Manager providing project management oversight at Brooklyn Navy Yard Berths 6, 7, and 7A. It has been determined that the reconstructed berths at 6, 7 and 7A represent an opportunity for vessels to berth in the New York Harbor. Design services to convert these berths are being provided in anticipation of Tall Ship berthing, which will begin in the summer 2011.

Section 3: *Personnel Qualifications*

James V. Green, PE: Marine Engineering

Mr. Green is a structural engineer and diver with over 19 years of experience. His background encompasses resident engineering, field investigation, and construction inspection services, as well as review of shop drawings, subaqueous investigation, and extensive structural design. He has worked on underwater inspection and assessment programs and construction inspection programs for the PANYNJ, NYCDOT, NYSDOT, ConnDOT, NHDOT, NJDOT, and the NYSTA. His background includes experience in all facets of structural and civil engineering design on the waterfront, including piers and wharves, ferry terminals, shipping facilities, and foundation engineering.

Professional Registration

- Professional Engineer Florida 69381-2005

Certifications

- National Bridge Inspection Standards (NBIS), 2005 – Course #FHWA-NHI-130055
- National Bridge Inspection Standards (NBIS), 2010 – Refresher Course #FHWA-NHI-130053
- American Red Cross – Adult CPR and Standard First Aid
- Association of Diving Contractors International, Surface-Supplied Air Diver, #33727
- Open Water Diver Certification, 1994
- OSHA Confined Space Entry and Fall Protection, 2006
- Fatigue and Fracture Critical Bridge Inspection Course, March 2011

- MS Candidate, Structural Engineering, Manhattan College
- BS, Civil Engineering, Manhattan College, 1992
- AS, Engineering Science, Rockland Community College, 1988

Underwater Condition Inspection, Assessment, and Design of Repairs at the Pearl Harbor Naval Shipyard; Pearl Harbor, HI; for U.S. Department of the Navy
Team Leader/P.E. Diver for condition inspection of waterfront structures including underwater/topside inspection, condition evaluation of 28 individual pier structures, and repair recommendations.

Waterfront Revitalization – 4th and 5th Street Piers at Kent Avenue; Brooklyn, NY
Assistant Project Manager for this redevelopment project along Williamsburg's waterfront in Brooklyn NY. Helped perform an investigation of the existing 4th and 5th Street Piers – an assessment that included a hydrographic survey and a geotechnical investigation/sampling – while helping manage the construction inspection and permitting processes. The Piers are being revitalized in two phases, demolition and construction. Mr. Green's responsibilities included design, construction inspection and construction administration services during these phases.

Underwater Condition Inspection, Assessment, and Design of Repairs at the U.S. Submarine Base; Pearl Harbor, HI; for U.S. Department of the Navy
Team Leader/P.E. Diver for the topside and underwater inspection and condition evaluation of the waterfront structures at the U.S. Navy submarine base. Provided assistance with report preparation, including condition assessment, structural analysis and repair recommendations.

Emergency Repairs to the FDR Drive Relieving Platform; New York, NY
Team Leader/P.E. Diver for damage investigation and impact assessment of the relieving platform structure supporting the FDR Drive. Participated in the structural analysis, alternative solutions, detailed construction drawings and specifications, and construction support/inspection services provided for the project. Repairs were completed in conjunction with a marine contractor within five months of initial damage.

Engineering and Inspection Services for Marine Structures; Manhattan, NY
Inspection Team Leader/Structural Engineer for the repair of the esplanade including piles, precast concrete seawall skirt, and the riprap slope protection that surrounds the perimeter of the Battery Park City Authority parcel in lower Manhattan. Mr. Green was responsible for the assessment of and design of repairs for approximately 3,500 precast concrete piles that support the relieving platforms at the esplanade. He also helped perform a testing program to investigate "hot spots", statistical analysis of inspection data, and development of repair alternatives with cost estimates.

Waterfront Structural Engineering Services, NJ Marine Terminal; Elizabeth, NJ
Structural Engineer/Inspection Team Leader responsible for providing waterfront structural engineering services for the inspection, evaluation, and rehabilitation design for the New Jersey Marine Terminal structures. Mr. Green prepared contract drawings and construction cost estimates for priority repairs for the structures, which included berths, a turntable, mooring dolphins, and timber walkways.

SUNY Maritime Rehabilitation and Expansion Design; Kings Point, NY
Senior Engineer responsible for design and construction services in a project involving the 200-foot extension of the college pier, an addition to the approach pier, and an expansion of the working pier. Mr. Green is also involved with the management of NYSDEC and Army Corp permitting processes. The project includes rehabilitation of floating docks, pile repair and bulkhead remediation.

Rehabilitation of the Astoria Site Waterfront Dock and Bulkhead; Queens, NY
Structural Engineer/Inspection Team Leader responsible for performing professional engineering, design and construction support services associated with the rehabilitation of the Astoria Site Waterfront Dock and Bulkhead. Mr. Green was responsible for developing repair and replacement designs for these structures. Structures included: sheet piles, rip-rap revetment, existing steel pile hardware, fender systems and pump station intakes.

Pier 98 Fuel Oil Unloading Dock Inspection; New York, NY
Diver for the structural assessment of the Pier 98 facility at Con Edison's 59th Street Station. A thorough tactile inspection was performed to enable the development of repair recommendations. All structural and fendering components were examined with emphasis on marine borer activity, deterioration, and damage reports, drawings, and condition rating. Also served as a P.E. Diver for the construction inspection of these repairs.

Port Elizabeth Berths 88-98 & Turntable; Newalk/Elizabeth, NJ
P.E. Diver for a condition survey of Berths 88, 90, 92, 94, 96, 98, and Turntable located at Elizabeth – Port Authority Marine Terminal. Involved with underwater inspection of timber and steel piles, pile caps and extensions and assessment of the concrete edge beam, wharf topside, and steel sheet pile bulkhead. After inspection, McLaren is preparing a report to indicate inspection findings, present pertinent photographs, and make priority repair recommendations.

FDNY Marine 9 Barracks at Staten Island Homeport, Staten Island, NY
Waterfront Inspector/P.E. Diver for the provision of construction management services at the FDNY Barracks and wave attenuator at the Stapleton Pier located in Staten Island, New York. Mr. Green reviewed the design, prepared cost estimates, and performed a construction inspection at the project site.

Underwater Inspection of Waterfront Structures at the Brooklyn Navy Yard: Brooklyn, NY; for Brooklyn Navy Yard Development Corporation
Team Leader/P.E. Diver for underwater condition assessment of facilities including piers, bulkheads, and relieving platforms. Project included preconstruction survey and construction inspection of timber piles, concrete pile caps, underdeck, and pile wraps. A comprehensive report was prepared including condition assessment, structural analysis, repair recommendations, and cost estimates.

Section 3: *Personnel Qualifications*

RALPH BAEZA, P.E., LEED AP: MEP / Lighting

Mr. Baeza is a registered professional engineer with over twenty five years of experience, in all aspects of electrical engineering, project management and design in the building construction industry. Mr. Baeza's background with engineering systems encompasses high, medium and low voltage power, normal and emergency power, lighting, fire alarm, telephone, television, public address, security, lighting protection, environmental control and building management for residential, commercial, institutional and industrial buildings.

Professional Registration

- Professional Engineer Florida #42641

Professional Affiliations

- National Society of Professional Engineers (NSPE)
- Institute of Electrical and Electronics Engineers (IEEE)

Professional Accreditation

- Leadership in Energy and Environmental Design (LEED)

- MS, Electrical Engineering, Florida International University
- MBA, National University of Honduras
- BS, Electrical Engineering, National University of Honduras

Florida International University Football Stadium, Miami, FL

The project consists of a new football stadium with a total seating capacity of 18,688 seats. The project includes demolition of the existing stadium superstructure, the South entrance buildings, the existing underground utilities, and the existing stadium lighting. The new stadium is to have concessions, toilet rooms, private suites and other features/$29.7 million.

Miami-Dade Tree Island Park, Miami, FL

The project is to consist of new park for Miami Dade County. The scope of work is to include a restroom building, four shelters, a lighted surface parking lot, and walkway. The project also includes the lighting of 149th Avenue from SW 10th Street to SW 13th Lane and the lighting of 147th Avenue from SW 10ths Street to SW 11th Street.

Kendall Soccer Park, Kendall, FL

The project is to consist of providing electrical engineering for the lighting of one new soccer field and one 234 space parking lot located in Kendall, Florida/ $1.4 million.

City of Sunny Isles Beach Recreation Building, Sunny Isles, FL

New two-story, 13,000 square foot community center building and a basketball/gymnasium building of approximately 9,900 square feet. The community center building is to include some offices, several multi-purpose spaces, a warming kitchen and a pantry for the use of caterers. The Gymnasium is to include a full-size basketball court and a snack bar area.

West Perrine Aquatic Center, Miami, FL

Expansion of the existing park to include a new bath house building of approximately 5,340 sq ft., a new roofed, open shelter, a new recreation pool, a water activity pool, new lighted pool decks with outdoor , rinse showers, and a 34 car, lighted surface parking lot. The pool is to be provided with water heating equipment.

Section 3: *Personnel Qualifications*

TLC ENGINEERING FOR ARCHITECTURE

JORGE E. REYES, P.E., LEED AP: MEP / Lighting

Mr. Reyes experience includes the design of several large commercial and educational facilities in the United States as well as in South America. Mr. Reyes has seventeen years of experience including all phases of mechanical engineering analysis and design for HVAC, thermal energy storage systems for all building types, and process piping. Mr. Reyes' project experience includes educational facilities, aviation, and government buildings.

Professional Registration

- Professional Engineer Florida #54904

Professional Affiliations

- American Society of Heating, Refrigeration, and Air Conditioning Engineers (ASHRAE)

Professional Accreditation

- Leadership in Energy and Environmental Design (LEED)

BS, Mechanical Engineering, Florida Atlantic University, 1993

West Perrine Aquatic Center, Miami, Florida

Expansion of the existing park to include a new bath house building of approximately 5,340 sq ft., a new roofed, open shelter, a new recreation pool, a water activity pool, new lighted pool decks with outdoor , rinse showers, and a 34 car, lighted surface parking lot. The pool is to be provided with water heating equipment.

Tree Island Park, Miami, Florida

The project consists of a new park for Miami Dade County. The scope of work is to include a restroom building, four shelters, a lighted surface parking lot, and a walkway. The project also includes the lighting of 149 Avenue from SW 10 Street to SW 11 Street.

City of Sunny Isles Beach Recreation Building, Sunny Isles, Florida

New two-story, 13,000 square foot community center building and a basketball/gymnasium building of approximately 9,900 square feet. The community center building is to include some offices, several multi-purpose spaces, a warming kitchen and a pantry for the use of caterers. The Gymnasium is to include a full-size basketball court and a snack bar area/Sunny Isles, Florida.

YMCA South Dade Branch, Miami, Florida

The project consists of a new building to include administrative offices, a youth / community center, wellness venues, an outdoor aquatic center with a pool having 3,200 sq. ft of surface area, locker rooms and ancillary spaces such as mechanical and electrical rooms. There will also be an exterior play yard and basketball courts. The total area of building construction will be approximately 35,328 sq. ft./$7.3 million.

"inspiring others to dream"

Section 3: *Personnel Qualifications*

Hugh Darley: Project Landscape Architect

Hugh Darley is an industry leader creating comprehensive concepts and "vision plans" for branded destinations and hospitality properties worldwide. Today, Mr. Darley focuses his efforts representing clients including global cruise lines, developers, and government agancies in the creation of world class guest experiences for cruise port destinations and mixed-use commercial developments in the Caribbean and Central America.

Affiliations

- Urban Land Institute - Member
- Georgia Southern University - Advisory Board
- University of Central Florida - Advisory Board

Bachelor of Science & Technology, Georgia Southern University, Statesboro, Georgia

A sought after "Vision Planner" and hospitality design expert, Hugh Darley is often called upon to present to government ministries, agencies and world organizations, including the Organization of American States (OAS), the Saint Lucia Cabinet of Ministers, Export-Import Bank, and His Royal Highness, The Prince of Wales. Hugh was also an invited lecturer at Harvard University Graduate School of Design Executive Education Program.

EPCOT Center World Showcase

Hugh Darley began his professional design career as a member of The Walt Disney Company's "Imagineering" team, where he directed projects in the final build-out of EPCOT Center World Showcase. Hugh later served as Art Director for Disneyland theme park in California.

Saint Lucia National Vision Plan, Sint Lucia, West Indies

As lead vision planner and executive producer of IDEA, Hugh Darley directed the creation of branding, development concepts and strategies for long-term tourism and infrastructure initiatives of fourteen distinct villages, cities and cultural centers throughout Saint Lucia, and of the island nation itself as a cohesive whole.

Historic Falmouth Cruise Port, Jamaica, West Indies

As owner's representative to Royal Caribbean Cruise Lines and the Port Authority of Jamaica, and as lead vision planner and designer of record for the project, Hugh is leading an already three-year effort to design this branded 35 acre port destination and reflect the history and heritage of the existing town, which thrived in the Georgian era of the late 1700s and early 1800s. The project began construction of the marine wharf in 2009. IDEA is currently managing development of the architectural and engineering (A&E) construction documents for the twenty four structures within the project.

The Martin Quarter, Sint Maarten, West Indies

As executive producer of IDEA, Hugh led the development concept and land planning, programming and architectural styling for this 9.5 acre, mixed-use, waterfront resort destination, with a signature branded attraction, pedestrian promenade, anchor hotel and casino, and retail village.

Section 3: *Personnel Qualifications*

LEWIS LONGMAN & WALKER | P.A.
ATTORNEYS AT LAW
See Things Differently®

Erin L. Deady, Esq.: Land Use Attorney

Ms. Deady assists public and private clients including municipalities, counties, special districts, Tribal governments and other entities. Her practice focuses on environmental, water resource and water supply issues. Specifically, she represents her clients before local, state and federal agencies, on climate change, energy, wetland and water supply permitting, growth management, zoning, Comprehensive Everglades Restoration Plan implementation, and coastal zone issues. She also represents clients on federal and state rule making and legislative issues, involving wetlands, water resource development, growth management, water quality, and water supply.

Certifications

- American Institute of Certified Planners (AICP)

Professional Accreditation

- Leadership in Energy and Environmental Design (LEED)

- Nova Southeastern University, Shepard Broad Law Center, J.D., 2000
- Florida Atlantic University, M.P.A., 1996
- University of the Virgin Islands, 1995
- University of Miami, B.A., 1993

Areas Of Practice: Environmental, Land Use, Sustainability, Administrative, Water Policy, Climate Change, Energy and Green Building

- Certified by the American Planning Association's professional institute, the American Institute of Certified Planners (AICP) and the US Green Building Council (LEED AP).
- Represents special districts, municipalities, counties and private landowners on environmental, water resource, land use, growth management/comprehensive planning, climate change/energy, development, funding and environmental resource issues including implementation of the Comprehensive Everglades Restoration Plan and other restoration projects. Represents Tribal entities on various water resource and wetlands issues.
- Assists clients before local, state and federal agencies, on permitting, growth management/ comprehensive planning and zoning decisions, climate change/energy/green building and coastal zone issues.
- Represents clients on federal and state rulemaking, and legislative issues, strategies and opportunities.
- Has assisted in strategy development and securing over $3.8 Million in grant funding for projects and programs.

Prior Professional Experience

- Prior to joining Lewis Longman & Walker, P.A., Ms. Deady served as Environmental Counsel for Audubon of Florida, an alliance of the National Audubon and Florida Audubon Societies. Ms. Deady provided policy formulation and legal representation on a range of issues including water, land use and administrative law, land acquisition issues and Everglades restoration policy.
- Ms. Deady has also worked on various Comprehensive land use planning issues for the Village of Wellington, the Broward County Department of Planning and Environmental Protection, the South Florida Water Management District and the Center for Urban and Environmental Solutions at Florida Atlantic University.

Professional, Civic and Community Involvement

- Received LEED AP designation, May, 2009 & Member of the American Institute of Certified Planners (AICP), Member of the Florida Chapter of the American Planning Association.
- Secretary of the Florida Bar's Environmental and Land Use Law Section for the 2010 term, Executive Council, 2002-Present.
- State Co-Chair of the Everglades Coalition, 2002 & April 2003-October 2003.
- Pal-Mar Water Control District Board of Supervisors, July 2002-July 2005.
- Board member of the Friends of the Environmental Academy, Forest Hill High School.
- Project Landscape Architect. Commissioned by Martin County Parks and Recreation, this 25 acre park facility is being design as an active recreational sports park to include four high school level soccer fields, two high school level baseball/softball fields, a concessions/restroom building, a maintenance facility,

Section 3: *Personnel Qualifications*

NODARSE

Hugo Soto, P.E.: Principal Geotechnical Engineer

Mr. Soto has 30 years of experience providing geotechnical engineering and consulting services. These services include laboratory studies, geotechnical design, analyses and recommendations related to the design and construction of foundations and geotechnical exploration programs. Mr. Soto is knowledgeable in the analysis and evaluation of field and laboratory data, performing in-situ soil testing, in-place permeability testing, geophysical explorations and Special inspection services for commercial structures.

Professional Registration / Certification:

- Professional Engineer, #56108, Texas, 1994
- Professional Engineer, #36440, Florida, 1985

Affiliations/ Memberships

- American Society of Civil Engineers (ASCE)
- Cuban-American Association of Civil Engineers

- MS, Geotechnical Engineering, Utah State University, 1980
- BS, Civil Engineering, Utah State University, 1979

FDOT Districtwide Materials Testing District IV, Contract No. C-7318
Project Manager/Senior Geotechnical Engineer involved in coordination, reviewing the field exploration, laboratory testing and geotechnical studies to provide recommendations for roadways, bridges, MSE Walls, cantilever walls. FDOT District IV –Mr. Juan Castellanos Tel; (954) 677 7100-Year 1999 to 2008

FDOT Districtwide Materials Testing, District VI, Contract No. C-7732
Project Manager/Senior Geotechnical Engineer involved in coordination, reviewing the field exploration, laboratory testing and geotechnical studies to provide recommendations for roadways, bridges, MSE Walls, cantilever walls. FDOT District VI – Mr. Juan Castellanos Tel; (954) 677 7100-Year 1995 to 2005

SR826 and N.W. 74th Street, Interchange Improvement; Miami-Dade County, Florida
Senior Geotechnical Engineer to review field exploration, laboratory testing and geotechnical recommendations for bridges, walls and poor soils (trash) for this project. . FDOT District VI – Mr. Juan Castellanos Tel; (954) 677 7100-Year 2003

SR836 Interchange Improvements at the Florida Turnpike; Miami-Dade County, Florida
Senior Geotechnical Engineer to coordinate and review field exploration, laboratory testing and geotechnical recommendations for bridges and walls supported on piles and shallow foundation. HNTB Mr. Gorky Charpentier Tel (305) 551 8100 Year 2005

Port of Miami Tunnel, Miami-Dade County, Florida
Senior Geotechnical Engineer to provide coordination and review of the field exploration for borings drilled using a jack-up-barge in the Main Channel to an elevation of –150 feet NGVD. Provide field exploration and laboratory testing results of borings performed at Watson Island, Dodge Island and under the Main Channel. PB Mr. Eldon Abbott, PE Tel: 617 426 7330 Year 2005 to 2007

HEFT/SR874 PD&E Study from Mile Post 12 to Mile Post 18; Miami-Dade County, Florida
Senior Geotechnical Engineer to coordinate and review field exploration, laboratory testing and recommendations for bridges, walls and roadways.

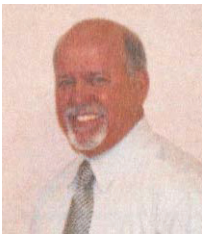
PD&E Study and Final Design for Turnpike from Okeechobee Road to SR 836, Miami, Dade County, Florida. FDOT District VI
Mr. Juan Castellanos Tel; (954) 677 7100-Year 2002

MDX Project 836-012 Widening and Bridge Structures. HNTB
Mr. Jorge Maspon PE – Year 2003

Miami Intermodal Center (MIC); Miami-Dade County, Florida
Project Manager/Senior Geotechnical Engineer involved in State Pile Capacity Analysis, Geotechnical Report of Structures coordination, reviewing the field exploration, laboratory testing and geotechnical studies to provide recommendations for roadways, bridges, MSE Walls, cantilever walls. . FDOT District VI – Mr. Juan Castellanos Tel; (954) 677 7100-Year 2002 to 2003

Section 3: *Personnel Qualifications*

Michael Avirom, PLS: Survey



Michael Avirom established Avirom & Associates, Inc. in 1981. Mr. Avirom's surveying expertise in boundary, aerial mapping, topography, jurisdictional wetlands, bathymetric, condominium surveys, expert witness testimony and construction layout distinguish him as a respected professional in the industry.

38+ years of professional experience

Professional Registrations

- Professional Land Surveyor Florida LS3268

Professional Affiliations

- Florida Society of Professional Land Surveyors
- American Congress on Surveying and Mapping
- National Society of Professional Land Surveyors

- Bachelor of Business Administration, Florida Atlantic University
- Associate in Arts, Miami-Dade Junior College
- Associate in Science Land Surveying, Palm Beach Junior College

Anglers Club, Key Largo
Boundary, mean high water line, topographic and tree survey for design; condo documents and description for submerged lands and land swaps with Florida Department of Environmental Protection.

Village of Palm Springs
Route-of-line survey, base mapping of existing utilities above and below ground on over 100 linear feet of roadways for engineer's design, legal descriptions for easement acquisitions.

Highland Beach
Mapped town limits for the engineering design and construction of underground utilities.

City of West Palm Beach
Flagler Drive from SE 6th Street to SE 10th Street. Route-of-line survey, base mapping of existing utilities above and below ground for engineer's design. Provided soundings across Intracoastal and prepared submerged land easements for proposed forcemain.

City of Boca Raton, Downtown Promenade
Base mapping of all existing above ground improvements, utilities, right-of-ways, and easements for engineer's design.

Florida Power & Light Company
Statewide submerged land easements, obtained platted and sectional monumentation utilizing GPS to prepare approximately 200 survey sketches and legal descriptions for submerged land easements along the entire East Coast of Florida from Miami to Fernandina Beach and the west coast from Tampa south to Naples. Coordinated with divers for the location of underwater cables.

Boca Raton Hotel & Beach Club
Boundary, topographic and mean high water line surveys, prepared easements and submerged land acquisitions. Provided location of above and below ground utilities for engineering design.

Florida Power & Light Company, Levee-Midway
500 kV transmission line survey - 140 mile corridor, survey for right-of-way acquisition ,GPS control, legal descriptions, profiles, cross sections and construction layout, St. Lucie, Martin, Palm Beach, Broward, and Dade Counties, Florida.

Oceanfront Properties in Boca Raton, Highland Beach, Delray Beach & Hillsboro Beach
Boundary, topographic, mean high water line, erosion control line, coastal construction control line surveys and DEP permit surveys.

Section 3: *Personnel Qualifications*

Michael Prevost, RLA, LEED AP: Irrigation Design

Michael Prevost is an Irrigation Designer at Prevost Stamper, Inc. He specializes in irrigation system design, irrigation master planning and is a LEED Accredited Professional with over 30 *years of professional experience*

Professional Registrations

- Registered Landscape Architect
- CLARB Certified Landscape Architect
- LEED Accredited Professional, USGBC
- Certified Commercial & Golf Irrigation Designer, The Irrigation Association
- Certified Landscape & Golf Irrigation Auditor, The Irrigation Association
- Certified Irrigation Contractor, The Irrigation Association

- Masters of City & Regional Planning, The University of Memphis, 1998
- Bachelor of Landscape Architecture, Mississippi State University, 1981

LEED Water Efficient Irrigation - Projects

Designed the first EPA Water Sense Certified Residential project in the United States
KB Homes - Lake Burden Development
Windermere, Florida

US Central Command Headquarters
MacDill Air Force Base, Florida

Tyndall Air Force Base – ATFP Bldg
Panama City, Florida

Project Experience:

Ave Maria University – Campus Master Plan and Phase I
Ave Maria, Florida

Southwest Florida Community College – Core Campus Phase II
Naples, Florida

University of Central Florida
Heath Sciences Campus - Phase I, Lake Nona, Florida
School Of Medicine, Lake Nona, Florida
Brighthouse Stadium and Athletic Complex Upgrades, Orlando, Florida
Softball Stadium, Orlando, Florida
Student Center & Pool, Orlando, Florida
Psychology Bldg., Orlando, Florida

University of Florida – Leigh Hall Building
Gainesville, Florida

University of South Florida – Track & Field Complex
Tampa, Florida

Section 4
Project Management

- Management Approach
- Availability & Location of Staff

Section 4
Project Management

Management Approach

The goal of the Truman Waterfront Park project is to construct a landmark park in the heart of the Key West waterfront that will stand the test of time. To accomplish this goal, VHB-MS has developed a project-focused team. As Project Manager and Senior Landscape Architect, Chris Brown is experienced in both design and construction and will be responsible for the day to day management of the project. He will ensure that the project meets the City of Key West's goal in a timely and efficient manner.

Throughout the course of the project, Chris and his core design team will work closely with the LRA and the City, so that information will be collected, collated, analyzed, and presented in a format ready for review and decision making. There will be a continuous project management function with coordination activities on going to support the total effort which include: design studies/reports, preparing progress and performance reports, attending progress and coordination meetings, maintaining and updating project schedules, and assisting with public meetings.

Management Planning

Upon award of the project, VHB-MS and designated key team members will meet to assemble and review existing data. Within five days of this review, the team will produce a project plan that establishes additional needs, project milestones, and major project constraints. The plan will include a refined schedule, potential phasing and list of project deliverables.

In addition to the project plan, a Project Procedures manual will be developed to address the following:

- Project organization
- Quality management plan
- CADD standards & use
- Project standards
- Communications and distribution
- Records management
- Projects cost and schedule control

- Estimate and forecast preparation
- Project reporting requirements

This manual which establishes project controls will be distributed to each member of the VHB-MS Team, LRA and the City of Key West at the Project Kick Off meeting. The purpose and goal of the kick-off meeting will be to:

- Present Key West's vision and goals for the Truman Waterfront Park
- Review the procedural manual to ensure all aspects are clearly understood
- Stress the VHB-MS Team's commitment to quality
- Start the project with a well informed and motivated team

Project Communication and Coordination

Close and careful coordination between the VHB-MS Team and the City of Key West is of critical importance in developing a vision for the Truman Waterfront Park that meets the project goals and which also can be easily and rapidly translated into construction bid documents. VHB-MS has successfully coordinated with major public-sector clients on projects of similar and larger magnitude, through frequent informal contacts as well as formal structured reporting systems.

Frequent coordination is necessary to keep the City's Project Manager up-to-date on all issues and progress, to build and maintain a close working relationship between the City of Key West and VHB-MS Project Manager, and, as required, with other City departments to ensure that there are no surprises during the project. Although coordination is the primary responsibility of VHB-MS Project Manager, the three design managers, including landscape architecture, civil engineering and architecture, will also coordinate closely with the City's technical staff in their respective areas of expertise. The frequency of informal contacts, through telephone or email, will depend on the pace of the project and the urgency of the issues, but will occur at least once a week regardless of issues.

Coordination efforts envisioned for this assignment will include the following elements:

- Monthly progress reports
- Project manager and design manager action lists
- Bi-weekly VHB-MS Team reviews to review action list, schedule, budget and coordination issues
- Monthly (minimum) project coordination meetings with the City's Project Manager to coincide with the monthly progress report.

VHB-MS also considers documentation to be an essential part of the project coordination and has in-house procedural requirements designed to ensure superior quality control:

- All meetings and phone calls are documented with written notes
- A list of action items is prepared following each meeting within 24 hours
- All correspondence and notes will be distributed to the Project Manager as well as to the VHB-MS Team
- A record of all meetings and correspondence will be kept in a project manual

Section 4: *Project Management*

Ability to perform the services expeditiously at the request of the City is central to the success of project implementation. VHB-MS and key team members located in Key West will be available to quickly respond to construction issues within a reasonable timeframe

These procedures ensure that technical information is exchanged easily and frequently; that the LRA Project Manager and the City of Key West knows the exact status of the project; and that issues are resolved quickly and efficiently.

Quality Management Program

- Design – Senior members of VHB-MS and Hargreaves will conduct design reviews of the team's activities prior to any public submittal affording the project access to our most experienced leadership team.
- Technical Experience – Experienced project managers have the ability to solve project issues and solutions in a timely and effective manner.
- Data Management – Use of established CADD and backup procedures allows for accurate project documentation and record keeping.
- Total Involvement – Quality management will be practiced by all team members.
- Measurement – The client's satisfaction will be measured against the team's performance based on requirements established for the project.
- Quality Commitment – Quality begins from before the project starts and throughout the design and construction process. Commitment includes independent review that is completed by a group of in-house design peers. Technical data, project issues, and product recommendations are discussed and analyzed to ensure a technically correct and quality product is being produced and delivered to the client.

Availability & Location of Staff

The VHB-MS/Hargreaves team commits to provide the staff needed to achieve the results and schedule that a project of this status deserves. The City can count on the full attention of the staff shown on the organization chart in Section 1 of this proposal. In addition, Project Manager Chris Brown has the authority to deploy additional resources that can be garnered from our 850+ staff in any of VHB-MS' 20 offices should they be needed.

The location of the staff proposed for this project is shown in the table that follows. In addition, to further enhance our availability to the City and to do so in the most efficient manner, the VHB-MS Team will have access to our corporate fleet of three Cirrus SR-22 aircraft. Access to these aircraft will allow the VHB-MS Team to serve the City in person on short notice.

Key Staff	Office Location
Chris Brown, RLA, ASLA	Orlando, FL
David Perry, RLA, ASLA	Orlando, FL
John Jennings, ASLA	Orlando, FL
Keith Becker, RLA, ASLA	Orlando, FL
Derick Taylor, ASLA	Orlando, FL
Tony Call, PE, LEED AP	Orlando, FL
Eric Warren, PE	Orlando, FL
Andra Diggs, PE	Orlando, FL
George Hargreaves, FASLA, RAAR	New York, NY
Kirt Reider	New York, NY
Gavin McMillan	New York, NY
Peter Pike	Key West, FL
Malcolm McLaren, PE, SECB	Orlando, FL
Stephen Frech, PE	Orlando, FL
James Green, PE	Orlando, FL
Bob Heilman, AIA, NCARB, LEED AP	Altamonte Springs, FL
Erin Deady, Esq.	West Palm Beach, FL
Hugh Darley	Orlando, FL
Michael Avirom, PLS	Key West, FL
Jorge Reyes, PE, LEED AP	Orlando, FL
Ralph Baeza, PE, LEED AP	Orlando, FL
Hugo Soto, PE	Orlando, FL
Mike Prevost	Celebration, FL

Summary

The Truman Waterfront Park project incorporates a number of diverse elements: landscape and park design, community outreach, building restoration and design, marine, environment, engineering, roadway and infrastructure construction. Because these elements typically are not found within the same project, it is critical that an integrated, multi-disciplinary team be able to seamlessly coordinate all of the elements.

The VHB-MS/Hargreaves Team brings all of the qualities described above to the City of Key West.

Section 5
Schedule / Budget

Section 5
Schedule/Budget

Project Communications.

Equally important to project success as an experienced, highly skilled project manager, the effectiveness of communication among team members, stakeholders, and the client can make or break a project. We recognize that communication has to be a day-to-day priority to ensure that team members stay on the same page with project priorities, schedule, budget, and commitments.

VHB-MS understands the City of Key West is looking to develop the Truman Waterfront Park through a series of phased development projects depending on availability of funding and implementation priorities yet to be determined. Our team is comfortable working with the LRA and City Staff to mutually define the scope and schedule for implementation of the design and construction projects. We would envision that it is important to immediately work with the City and Community to set the overall framework for the waterfront plan update and then work to identify specific projects and sequences for development that are additive so the general public has phased access to the waterfront and program element within the park.

We typically work with Microsoft Project as a tool for development and monitoring of our project schedules that have multiple design service tasks, permitting timelines, service providers and development phases.

Chris Brown will maintain the project schedule with input from the entire Project Team generated during our team coordination meetings. On a monthly basis, or as needed, the project schedule will be updated and distributed. This update will be accompanied by a description of current and anticipated problem areas or delaying factors, their impact, and any explanation of corrective actions taken. This constant monitoring and input provides earlier notification of potential impacts and provides a greater opportunity to mitigate schedule issues with the proper corrective actions prior to them affecting the project. We will measure our progress against key milestones and adjust as necessary to meet the schedule demands. Part of maintaining schedule control includes the preparation of Work Plans and the ability to implement corrective actions. Work Plans for this project will be developed in accordance with our documented, internal project management procedures.

The first and most important step towards maintaining a project budget is to work with the City to create the scope of work. Cost overruns and change orders can often be reduced or avoided by the use of a detailed scope of work that is agreed upon by the City and by the VHB-MS team. In addition, careful planning and early identification of issues are skills that Chris uses to maintain his outstanding record of schedule and cost control. He is an experienced Project Manager with exceptional leadership abilities and is a highly effective communicator.

In addition, Mr. Brown will use VHB-MS' proprietary BusinessTrak™ software that will provide one secure portal where he can access and maintain all information on tasks, schedule, costs, and personnel for your project.

Section 6
Required Forms, Certifications and Licenses

Section 6
Required Forms, Certifications, and Licenses

State of Florida
Department of State

I certify from the records of this office that VANASSE HANGEN BRUSTLIN, INC. is a corporation organized under the laws of Massachusetts, authorized to transact business in the State of Florida, qualified on May 14, 1987.

The document number of this corporation is P14454.

I further certify that said corporation has paid all fees due this office through December 31, 2011, that its most recent annual report was filed on January 10, 2011, and its status is active.

I further certify that said corporation has not filed a Certificate of Withdrawal.

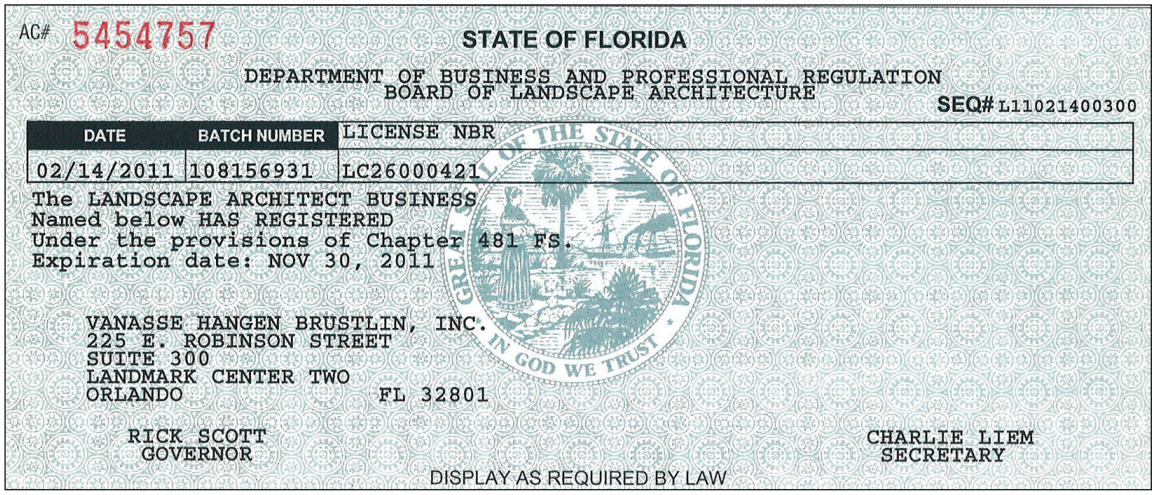
Given under my hand and the Great Seal of Florida, at Tallahassee, the Capital, this the Eleventh day of January, 2011

Jennifer Kennedy

Secretary of State

Authentication ID: **200190803632-011111-P14454**

To authenticate this certificate,visit the following site, enter this ID, and then follow the instructions displayed.
https://efile.sunbiz.org/certauthver.html



AC# 5454757

STATE OF FLORIDA

DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
BOARD OF LANDSCAPE ARCHITECTURE

SEQ# L11021400300

DATE	BATCH NUMBER	LICENSE NBR
02/14/2011	108156931	LC26000421

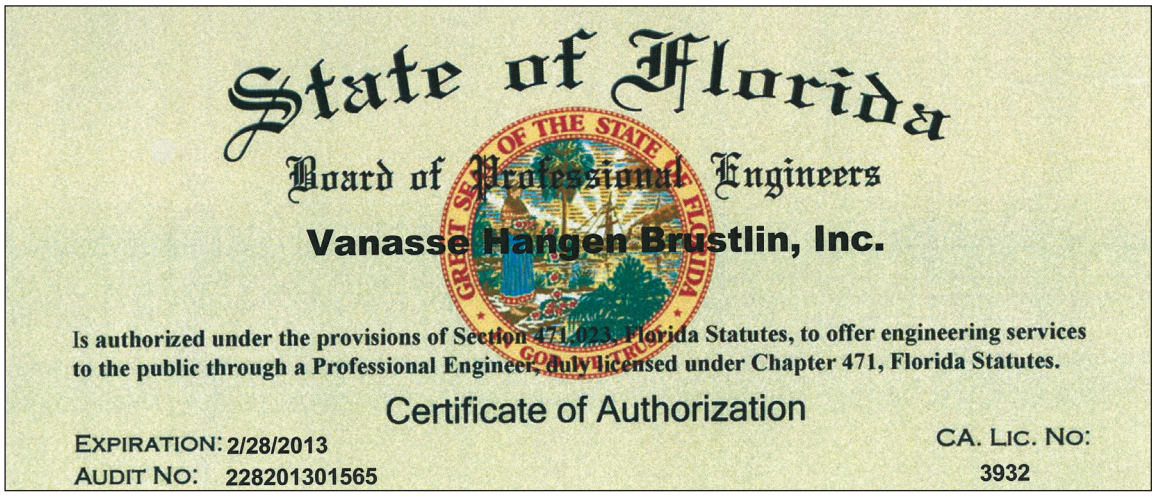
The LANDSCAPE ARCHITECT BUSINESS
Named below HAS REGISTERED
Under the provisions of Chapter 481 FS.
Expiration date: NOV 30, 2011

VANASSE HANGEN BRUSTLIN, INC.
225 E. ROBINSON STREET
SUITE 300
LANDMARK CENTER TWO
ORLANDO FL 32801

RICK SCOTT
GOVERNOR

CHARLIE LIEM
SECRETARY

DISPLAY AS REQUIRED BY LAW



State of Florida

Board of Professional Engineers

Vanasse Hangen Brustlin, Inc.

Is authorized under the provisions of Section 471.023, Florida Statutes, to offer engineering services to the public through a Professional Engineer, duly licensed under Chapter 471, Florida Statutes.

Certificate of Authorization

EXPIRATION: 2/28/2013
AUDIT NO: 228201301565

CA. LIC. NO:
3932

SWORN STATEMENT UNDER SECTION 287.133(3)(a)
FLORIDA STATUTES, ON PUBLIC ENTITY CRIMES

THIS FORM MUST BE SIGNED IN THE PRESENCE OF A NOTARY PUBLIC OR OTHER OFFICE AUTHORIZED TO ADMINISTER OATHS.

1. This sworn statement is submitted with Bid, Bid or Contract No. 11-004 for TRUMAN WATERFRONT UPLAND DESIGN AND CONSTRUCTION ADMINISTRATION

2. This sworn statement is submitted by Vanasse Hangen Brustlin, Inc. (d/b/a VHB MillerSellen)
(Name of entity submitting sworn statement)

whose business address is 225 E. Robinson Street, Ste 300, Orlando, FL 32801

and (if applicable) its Federal Employer Identification Number (FEIN) is 04-2931679 (If the entity has no FEIN, include the Social Security Number of the individual signing this sworn statement.)

3. My name is Michael J. Carragher, PE and my relationship to
(Please print name of individual signing)

the entity named above is Sr. Vice President.

4. I understand that a "public entity crime" as defined in Paragraph 287.133(1)(g), Florida Statutes, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or with the United States, including but not limited to, any Bid or contract for goods or services to be provided to any public entity or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, material misrepresentation.

5. I understand that "convicted" or "conviction" as defined in Paragraph 287.133(l)(b), Florida Statutes, means a finding of guilt or a conviction of a public entity crime, with or without an adjudication guilt, in any federal or state trial court of record relating to charges brought by indictment information after July 1, 1989, as a result of a jury verdict, nonjury trial, or entry of a plea of guilty or nolo contendere.

6. I understand that an "affiliate" as defined in Paragraph 287.133(1)(a), Florida Statutes, means

   1. A predecessor or successor of a person convicted of a public entity crime: or

   2. An entity under the control of any natural person who is active in the management of t entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.

7. I understand that a "person" as defined in Paragraph 287.133(1)(8), Florida Statutes, means any natural

person or entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which Bids or applies to Bid on contracts for the provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.

8. Based on information and belief, the statement, which I have marked below, is true in relation to the entity submitting this sworn statement. (Please indicate which statement applies.)

X Neither the entity submitting this sworn statement, nor any officers, directors, executives, partners, shareholders, employees, members, or agents who are active in management of the entity, nor any affiliate of the entity have been charged with and convicted of a public entity crime subsequent to July 1, 1989.

___The entity submitting this sworn statement, or one or more of the officers, directors, executives, partners, shareholders, employees, members, or agents who are active in management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989, AND (Please indicate which additional statement applies.)

___There has been a proceeding concerning the conviction before a hearing of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer did not place the person or affiliate on the convicted vendor list. (Please attach a copy of the final order.)

___The person or affiliate was placed on the convicted vendor list. Them has been a subsequent proceeding before a hearing officer of the Sate of Florida, Division of Administrative Hearings. The final order entered by the hearing officer determined that it was in the public interest to remove the person or affiliate from the convicted vendor list. (Please attach a copy of the final order.)

___The person or affiliate has not been put on the convicted vendor list. (Please describe any action taken by or pending with the Department of General Services.)

Michael Carragher
(Signature)

June 14, 2011
(Date)

STATE OF Florida

COUNTY OF Orange

Michael Carragher
PERSONALLY APPEARED BEFORE ME, the undersigned authority,

Michael Carragher who, after first being sworn by me, affixed his/her signature in the
(Name of individual signing)

space provided above on this 14th day of June, 2011.

My commission expires:
NOTARY PUBLIC

Diana L. Gibson

DIANA L. GIBSON
MY COMMISSION EXPIRES
March 14, 2015
#EE 073445
Bonded thru Notary Public Underwriters
NOTARY PUBLIC, STATE OF

ANTI-KICKBACK AFFIDAVIT

STATE OF FLORIDA)
: SS
COUNTY OF MONROE)

I, the undersigned hereby duly sworn, depose and say that no portion of the sum herein bid will be paid to any employees of the LRA of Key West as a commission, kickback, reward or gift, directly or indirectly by me or any member of my firm or by an officer of the corporation.

By: _____
6-14-11

Sworn and subscribed before me this

14th day of June, 2011.

Diana L. Gibson
NOTARY PUBLIC, State of Florida at Large

My Commission Expires: _____

DIANA L. GIBSON
MY COMMISSION EXPIRES
March 14, 2015
#EE 073445
Bonded thru
Notary Public Underwriters
NOTARY PUBLIC, STATE OF FLORIDA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