

ATYPE

Design Collaborative



Statement of Qualifications
for the
St. Petersburg Pier
Design Team Selection

September 5, 2014

CONTENTS

Introduction

•

Firms

•

Design

•

Projects

•

Resumes

•

Documents

•

SF330s

INTRODUCTION

Finding an appropriate design team for any given construction project is always a difficult task. Projects can often receive second class service from the larger overly capable firms while the prospect of engaging smaller untried consultants presents risks. Company profiles and participant resumes are always awash with enticing projects and impressive abilities but it can be near impossible to anticipate how all the players will contribute in delivering a well developed coordinated product and their true ability to work together is simply unknown if the members are assembled for the first time for a specific project. Tougher still are projects that require inspired creation of something unique – an intangible non-quantifiable design quality that even designers of the highest caliber can often miss and the most technically competent practitioners can often lack.

The design collaborative that is assembled in this Statement of Qualifications looks to address these frequently overlooked aspects while responding to the basic tenets of the RFQ. The team comprises of firms both large and small, local and worldly. Most importantly, it represents the combination of two overlapping seasoned consultant groups that have proven themselves in recently successful projects and their members possess the right chemistry to work well and productively together. One group is almost the entire design consultant team for the recently opened Innovation, Science and Technology building for the fledgling Florida Polytechnic University in Lakeland, Florida – an iconic project delivered on time and budget. The other is a local group that has teamed for numerous projects in the area including waterfront designs for neighboring Tampa. The first group brings proven creativity while the second has pondered the design of the pier for decades having grown up with it. We feel the balance of our component members can produce an inspiring yet appropriate design for the pier and everyone is anxious to begin; we implore the selection committee to offer this collaboration a chance to demonstrate our ideas.

FIRMS

Lead/Design Architect **ATYPE**

Architect of Record **ARC3**

Site/Landscape Architect **HMWhite**

Landscape Architect of Record **Hardeman-Kempton & Assoc.**

Civil Engineer **Anderson Lane Inc.**

Structural Engineer **Thornton Tomasetti**

MEP Engineers **TLC Engineering for Architects**

Landscape Artist **Studio Jefre**

ATYPE

A recently established design firm representing a small collective of former architectural talent from Santiago Calatrava's New York office, organized by principal John Chu who oversaw the recently completed new campus and centerpiece building for the nascent Florida Polytechnic University as the project's director/manager. This practice endeavors to pursue unique and atypical design solutions for projects of all scopes and scales. Its pedigreed members hail from some of the most prestigious international firms bringing architectural vision and creativity of the highest order.

ARC3

Established in June of 2002 by its founding Principals, Steven J. Vinci and Eddie A. Mastalerz. The principals and staff each have diverse backgrounds that allow the firm to excel on many project types. They do not specialize in any single typology but have broad experience with public safety, commercial office, multi-family residential, K-12, higher education, fitness and retail development. The foundation for ARC3 was established with work throughout the State of Florida and the southeastern United States. Attention to detail, flexibility and responsiveness contributed to the firm's success with early projects around Florida including an Equestrian Center in Jacksonville, a Police Substation in Port St. Lucie and an Emergency Operations Center in Martin County. They provide innovative, relevant and thoughtful architecture that expresses client desires while economically fulfilling programmatic requirements. ARC3 believes that honest architecture is achieved by serving the needs of our client, the community and our environment.

HMWhite (HMW)

Founded on the principle that the designed landscape is among the most powerful forms of cultural expression. The firm prides itself on creating high performance and multi-functioning landscapes that are rooted into the dynamic needs of the site and its users. Their extensive collaborations with renowned and emerging international talent create site designs that respond to a site's history and programmatic, architectural and environmental goals with innovation and beauty. Their design approach is to build ecological holistic systems that establish a web of healthy and complimentary inter-relationships.

With a multi-cultural staff, they are committed to the successful maturing of each project, from its initial concept design to construction review and through to its long-term landscape management. Their projects, executed within a diverse set of global locations, vary in scale and program and include designs for public open spaces, urban districts, campus master plans, institutional campuses, historic landscape restorations and private gardens. Each landscape intervention aligns fundamental ecological structures with the needs of human settlements which establish an authority of harmonious longevity and vitality.

Their conviction is that the rigorous process of systematic analysis and research will reveal the inherent order and uniqueness of each setting. The firm's diverse talents and resources of landscape architects, architects, urban designers and planners undertake each project on an individual basis to find opportunity for a dynamic and relevant future in the fundamentals of the place and the aspirations of the community. What distinguishes the firm is its shared design philosophy:

- *Each situation is unique: each setting deserves meticulous assessment, rigorous analysis, and thoughtful synthesis*
- *Each client's program deserves a balanced and creative solution, sensitive at all levels to the natural systems and cultural history of its context*

Hardeman-Kempton & Associates (HKA)

HKA provides professional landscape architecture and civil engineering services for municipal, commercial, estate, and recreational projects. HKA was founded to create a complete civil engineering and landscape architecture design/build operation with its associate company, Hardeman Landscape Nursery, Inc. This affiliation has since grown to include Sitecrafters of Florida, Inc., a site utilities contractor, and Octane One, a full service development, construction, and maintenance company. Due to these associations HKA provides consultation and design services with a complete understanding of the construction process, meeting client budgets, and realizing long-term maintenance needs in the public domain.

Efforts are concentrated in assisting our clients with visualizing the finished look of a project and understanding that a built project carries on after final completion. Project design services offered by HKA include utility design, stormwater management analysis, site planning and design development studies, landscape/irrigation design, grading and drainage planning and design, streetscape/hardscape design, along with visual graphic studies/ renderings.

Anderson Lane Inc. (ALI)

A firm dedicated to the profession of Civil Engineering. Founded by Ronald Anderson and Cole Lane as a result of a working relationship since 1998, they offer their clients the benefit of a collective 40 years of professional experience, all of which has been within the Tampa Bay market servicing clients and projects on both sides of the bay.

The principals are personally committed to their clients and projects, always actively involved in all of their projects. They remain a point of contact from execution of contracts through completion. The result is decades of Civil Engineering experience that streamlines the design and permitting process and strengthens the delivery of projects. They are committed to adding additional partners to support their future growth and to maintain this personal connection with their clients.

A collaborative approach is at the core of our firm. Our goal is to deliver a creative, well coordinated, and cost effective design, one that results in *"exceptional outdoor spaces that enrich the outdoor experience"*. Their extensive experience working with local and regional architects as well as complex design teams makes them uniquely qualified to achieve this goal.

Thornton Tomasetti (TT)

Providing engineering design, investigation and analysis services to clients worldwide on projects of every size and level of complexity, their integrated practices can address the full life cycle of a structure. Founded in 1956, today Thornton Tomasetti is an 800-person organization of engineers, architects and other professionals collaborating from offices across the United States and in Asia-Pacific, Europe, Latin America and the Middle East. Their Florida office collaborates with clients from the private sector and local, state, and federal governments. Their staff combines a wide range of capabilities with a deep understanding of the area's unique building requirements.

Building Structure: They collaborate with architects, owners and builders to design elegant solutions that meet the demands of challenging projects of all sizes and types – new structures, renovations and conversions. We focus on achieving the optimal balance among multiple objectives – form, function, schedule, sustainability, constructability and budget.

Construction Support Services: Integrating design and construction teams through the use of technology helps projects move smoothly from concept to completion, while supporting construction safety. We develop project delivery strategies customized to each client's priorities. Our advanced project delivery services coordinate complete structures, using a single model to create design drawings and construction deliverables, from fabrication-ready models to shop drawings and sequencing plans.

Building Sustainability: We collaborate in the design, construction and operation of sustainable buildings to provide innovative solutions that balance economic, social, and environmental factors. Our experienced team provides integrated services, including sustainable design strategies, energy modeling and building physics, green building certification, and education and training.

TLC Engineering for Architecture (TLC)

Founded in 1955 and consistently ranked as one of the largest MEP and structural engineering firms in the country, TLC is an industry leader delivering high-performance building design and consulting services on a wide array of building types. TLC's extensive experience and expertise in these building types is applied to engineer high-performance, complex projects, on schedule and within budget.

Headquartered in Orlando, TLC has offices in Cocoa, Dallas, Deerfield Beach, Ft. Myers, Jacksonville, Miami, Nashville, New Orleans and Tampa. The team of 270+ professionals includes 75 PEs, 23 EIs, 86 LEED Accredited Professionals and 30 ACG Registered Commissioning Authorities, along with energy management professionals, building energy modeling professionals, healthcare facility design professionals, and certified specialists in indoor air quality, plumbing design, security, technology and control systems. TLC has provided engineering design and energy services for buildings across the United States and in numerous foreign countries.

TLC's staff of specialty LEED Accredited Professionals, Certified Commissioning Authorities, Energy Management Professionals and Building Energy Modeling Professionals has delivered 261 LEED-certified projects, as well as projects targeting compliance with the Florida Green Building Coalition, Green Globes and the Living Building Challenge. TLC was among the first MEP firms to commit to the AIA 2030 Challenge and continues to progress towards the aggressive goals embodied by this commitment.

Studio JEFRE (S-J)

Established in 2008, JEFRE is a sophisticated boutique design studio that specializes in environmental art and couture landscapes. JEFRE has taken on a wide-range of projects, including: community design, public art, parks and plazas, sculpture, temporary installations, interior design, avant-garde landscapes, corporate celebrity events, eco-installations, campus planning, and myriad international design competitions. Constantly seeking out new and innovative approaches, JEFRE remains on the cutting edge of modern design, keenly incorporating the latest technologies, materials and textures to create unique, eco-based, artistically resonant, and site-specific work. Over the course of the year, JEFRE has participated in numerous international design competitions and been awarded commissions and in Washington, DC, London, Abu Dhabi, Australia, Bering Strait, Rome, Miami, Philadelphia; Portland and Arlington. JEFRE has been featured in numerous publications including ELLE, Dwell and House and Garden and in 2007 was honored as one of the Faces of Design in Inside Out Architecture Magazine.

TEAM FORMATIONS

By Trade:

Architects

ATYPE
ARC3
HMW
S-J

Engineers

ALI
TLC
HKA
TT

By Geography:

New York

ATYPE
HMW
TT

Florida

ARC3
HKA
ALI
TLC
S-J

By Previous Collaborations:

FPU-IST bldg.

ALI
ATYPE (staff)
TLC
TT

USF Poly campus

ALI
ATYPE (staff)
TLC
TT
HMW (staff)
S-J

Eckerd College

ALI
ARC3
HKA

By Size:

Small

ATYPE
ALI
S-J

Medium

ARC3
HKA
HMW

Large

TLC
TT

DESIGN



Direction: Presently the Design Team will look to incorporate the existing inverted pyramid structure and integrate some reasonable aspect of it into our yet to be realized Design Concept – should we be shortlisted. We understand that there are potential added costs (not savings) associated with this path and have taken this into consideration with this decision. Though it may appear to limit the design possibilities, we see this as a challenge and feel this route will garner greater community support given the small faction opposed to its destruction previously. Finally, the very fact that it has been determined to be a viable structure almost demands that the possibilities of its salvation be explored. This is also the more sustainable approach. We will also look to include the upland and beach areas as delineated in figure 2.1 of exhibit D.

Iconography: The idea of creating a strong symbol to represent the city of St. Petersburg probably sits in the back of every person's mind who has considered the design of this pier and certainly our Design Team will endeavor to create such an icon though we will maintain caution not to produce a contrivance or force an icon for the sake of it. It is important to remember that there are piers and pavilions that are not icons in and of themselves but strongly represent the places they reside (eg. Brighton pier, San Diego beach pier). To many iconography may be the biggest challenge of any proposed design for this pier and it has certainly been exhaustively explore in past schemes. The real hazard is sacrificing other important aspects like function, program, cost and user experience in chasing this notion. It is a difficult problem that we look forward to grappling with should we be selected for Phase II.

Exploration: The key to finding any solid concept design is enumerating all the design possibilities for any given set of project parameters. This free-thinking, invention/creation, 1% inspiration can sometimes prove difficult to elicit from even the most facile of designers once the obvious solutions are tabled; the virtue of being overly familiar with the problem. The advantage of our entire team is simply diversity. We have many who are local long time residents greatly familiar with the project and issues as well as those completely new and ready to bring fresh thinking. We have some who see the big picture and others obsessed with details, some with traditional approaches and others anticipating the future, some seasoned veterans and others recent grads and across the board we have staff with multiple focal points covering a comprehensive variety of aspects for any potential design from environmental concerns, materials, spatial experiences to detailed connections, traffic patterns, durability, costs to urban planning, artistic merit, greenery, programmatic proximities/adjacencies and infrastructure. Complex design problems require an entity that possesses the faculty to run the gamut of solutions and the ability to explore all the possibilities in order to mine and hone the one that will work the best. We believe our team is that entity.

Issues: Beyond the issue of iconography, there are many other issues we feel important and merit consideration in the crafting a design concept for the pier. Without suggesting any specific solution or diagram, they are in no relevant order as follows:

- Design a complex that sponsors connections beyond the delineated property line in all directions. Whether it is a possible future pedestrian bridge north to Vinoy Park and south to create a continuous waterfront path or incorporating urban fragments to tie the pier back to the city center or even creating a landmark visible enough to speak to Tampa across the bay. The attitude would be integration with the city and waterfront versus isolation as it currently exists.
- Bring the surrounding parklands onto the pier integrating grass and trees with the pier's program and paths. The pier and park do not need to be mutually exclusive settings.
- Find a design solution that mitigates the perceived long travel distance to reach the end of the pier whether it is creating variety or interest along this route or allocating some program closer to shore (opposed to concentrating it all at the terminus).
- Design a pier that provides sun and wind protection for pedestrians and outdoor occupants whether integral with the pier or building(s) or an added shade/shield structure – this is a vital aspect important to the future pier's use and experience.
- Create a destination important and of interest to residents. Solutions that cater too much to tourists end up gimmicky, alienating local residents and doomed to failure unless there is an overwhelming tourism industry to support it. Making a place that can draw local "regulars" will bring tourists too and establish a stronger more viable operation.
- Beyond the programmatic boat docks, find an architectural way to engage and interact with the water at various levels including possibly under it.
- Transit to and from the end of the pier needs careful study with considerations for inclusion or exclusion of vehicles and/or dedicated transport systems; specialized service vehicles.

- Consider landscape designs that could improve the immediate environment and water quality; possibly aid in storm water management.
- Examine the possibility of re-purposing old piles perhaps as preserved historical artifacts, site art installation or maybe part of a new aquatic habitat.

Collaboration: All the component firms of the Design Team possess profound respect of one another's strengths and abilities. Together we will seek to strike the appropriate balance of creative invention, respect of history and technical knowledge. A great idea can come from anywhere so we don't seek to limit any participant's role on the team but rather sponsor open discussion and support anything that has merit in the pursuit of the strongest solution.

PROJECTS

Florida Polytechnic University
Innovation, Science and Technology building

•

University of South Florida – Polytechnic
Campus Master plan

•

Eckerd College

•

Bronx County Hall of Justice

•

Beale Street Landing

•

Performance Park

•

Dali Museum

•

St. George Intermodal Terminal

•

West Mid-town Ferry Terminal

Florida Polytechnic University
Innovation, Science and Technology Building
Lakeland, FL
2014

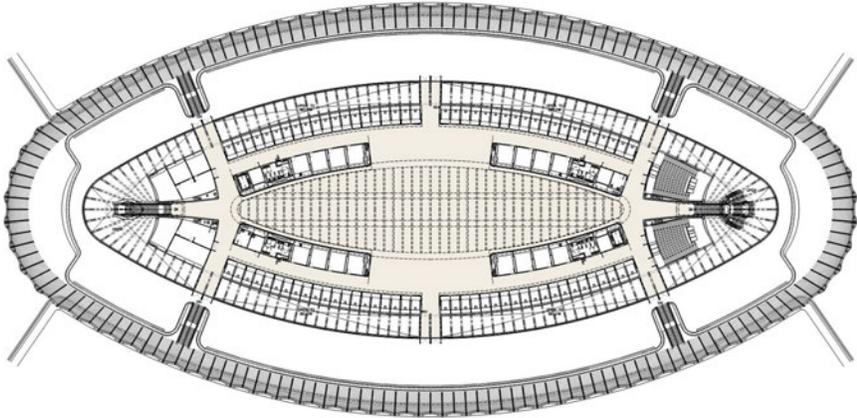
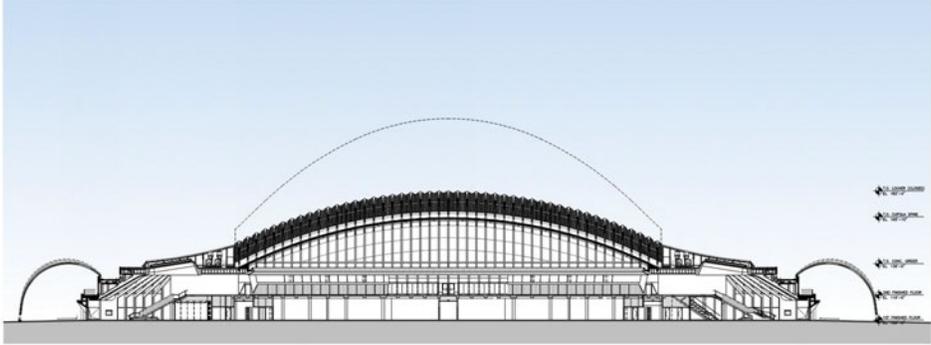
The new Innovation, Science and Technology building is a 180,000sf multi-functioning building that sits as the focus of the new campus and the centerpiece of the new university. Being the first building of the larger but fledgling campus, it must initially function in many more ways than its intended final use when the campus construction is complete and fully operational. The very nature of the building program with its mix of classrooms and labs along with administrative offices and “Commons” spaces anticipate its solitary beginnings in the birth of Florida Polytechnic’s new campus. As its erection occurred simultaneously to the construction of the campus infrastructure itself, the building will need to serve as a miniature campus until other buildings and the larger masterplan campus can accommodate this role. The design incorporates many aspects not outlined in the formal documented program to create this “campus within a building”. There is an extensive outdoor garden terrace that can serve as surrogate campus grounds for informal gatherings or outdoor classes shaded by a continuous pergola. Similarly, the entire exterior ground level is lined with an arcade that works beyond simply sheltering passage around the building. Just inside the southern entrance, sits a semi public indoor amphitheater that can be used for large lectures and ceremonies as well as serve as an indoor plaza for informal gatherings and meeting. Upstairs, the Work and Learning Commons under the large central skylight is the core of the building as the prime student activity space for individuals and groups but its form is that of a large hall adaptable to many, many uses. The space is daylit under an enormous skylight that is shaded by an operable moving louver system – a dramatic signature feature element and crown of this iconic edifice.



Exterior Side Elevation

Design Architect – Santiago Calatrava (PM John Chu)
Architect of Record – Alfonso Architects (PM Tom Belcher)
Structural Engineer – Thornton Tomasetti (PM Chris Christoforou)
Civil Engineer – Anderson Lane (PM Cole Lane)
MEP Engineer – TLC (PM Jason Heffelmire)
Construction Manager – Skanska USA Building (PM Chuck Jablon)
Owner – Florida Polytechnic University (rep. John White)

Florida Polytechnic University
Innovation, Science and Technology Building
Lakeland, FL
2014



Building Plan and Section



"Commons" Main Space



Entry Lobby

Florida Polytechnic University
Innovation, Science and Technology Building
Lakeland, FL
2014



Entry Arcade



Terrace Pergola



South Elevation

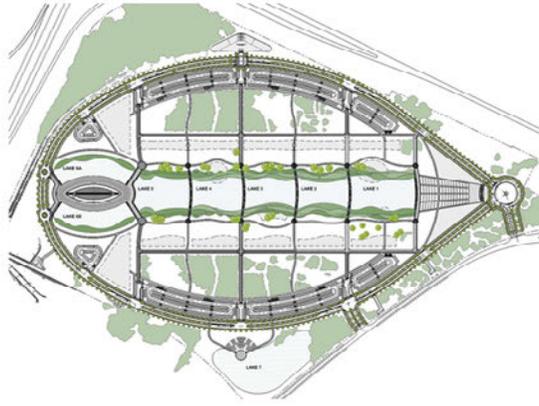
University of South Florida - Polytechnic
Campus Master plan
Lakeland, FL
2009

Campus design or more specifically American campus design has a long tradition dating back to the founding of the nation. Ideas of self-determination and democracy, freedom and equality pervade these institutions from their inception to this day. The founding fathers drew upon classical ideals in framing their then nascent country and these same classical ideals were employed in town and campus planning whether it was Jefferson's UVA or L'Enfant's grand scheme for Washington DC itself. Though the proposed campus may appear new and contemporary or even futuristic, it's composition and organization harken back to the same classical principles of many of these campuses. Simple concepts such as symmetry and axes, adhering to geometries base on pure forms like squares and circles, organizing buildings around a central large space are all part of this great tradition and USF - Polytechnic's new master plan.

There is growing recognition that the quality of education is directly related to the quality of physical environment it takes place in. This scheme seeks to achieve the highest design and environmental quality.



University of South Florida - Polytechnic
Campus Master plan
Lakeland, FL
2012



The 170 acre University of South Florida - Polytechnic campus master plan was eventually realized and adopted by the later ordained Florida Polytechnic University where the new Innovation, Science and Technology building resides as its centerpiece.

Architect - Santiago Calatrava (PM John Chu / Marica McKeel)
Landscape Architect - Studio Jefre (Jefre Manuel)
Civil Engineer - Anderson Lane Inc. (PM Ron Anderson)
Structural Engineer - Thornton Tomasetti (PM Chris Christoforou)
MEP Engineer - TLC (PM Jason Heffelmire)
Construction Manager - Skanska USA Building (PM Chuck Jablon)
Owner - University of South Florida Polytechnic (VP Alice Murray)

ECKERD COLLEGE Comprehensive Work Experience

Eckerd College has been one of the Significant Relationships that has led to the development of our dedication to Higher Education Facilities. Our Involvement began in 2001 with our support of the Campus Master Plan developed by Ayers Saint Gross. In the years that have followed, a Master Drainage Plan has been implemented, improvements to infrastructure have been completed and several significant projects for this private college have been completed. Several new projects are currently in the design and permitting phases of development including the \$28 Million Molecular and Life Science Facility.

AndersonLane maintains a strong relationship with the College and continues to serve as the Campus Civil Engineers.



Projects of Significance:

- Iota Dormitory
- Outdoor Student Dining (Tensile Structure)
- East Pond Drainage Improvements
- Athletic Fields (Soccer and Tennis Complex)
- South Pond Drainage Improvements
- North Pond Interconnect
- GO Pavilion (Tensile Event Venue)
- North Parking Expansion
- Molecular & Life Science Facility (Early Start Package)
- Conceptual Stormwater Permitting
- Peter Armacost Library (Limited Project Support)

Note: Some Civil Engineering experience of Ron Anderson and Cole Lane provided during previous employment.

Project Highlights:

- Athletic Fields – \$1.8 million lighted Synthetic Soccer and Tennis Complex
- Molecular and life Science Facility – \$28 Million Project Budget, Conceptual and Site Planning Services and ongoing project involvement.
- Iota Dorms – \$13 million 4 house / 145 bed Student Housing Complex
- East Pond Drainage Improvements – Expansion of an existing borrow pond to provide treatment for 55 acres of the Eastern Campus and supporting conveyance systems (\$375,000)
- South Pond Improvements – creation of the South Pond which provides treatment for 23 acres of the Southern Campus with related conveyance systems (\$180,000)



Images provided by Eckerd College and not the property of AndersonLane, Inc.

ECKERD COLLEGE
Center for Molecular and
Life Sciences



ECKERD COLLEGE

This project is currently in the Conceptual Design phase, AndersonLane has provided the Conceptual Design and Site Planning services for this 50,000 GSF Science Facility. The project will have an extensive Site Development Package that will include approximately 21 Acres. Our firm has successfully Designed and Permitted a significant portion of the project's Early Start Packages to support a Spring 2011 ground breaking. The Project will become the Iconic symbol for the Campus to capitalize on its location at the entry to the Campus. This, in addition to the extensive Site Improvements will transform the Campus' Entry Experience.



Project Highlights

- \$28 million Construction Budget
- 25,000 SF 2 Story Structure
- Iconic Structure
- The project will include a Renovation of the existing Sheen Science Complex and the adjacent exterior Quad.
- 21 Acre Project Area
- Extensive Parking and Infrastructure Improvements
- Project goal is for a LEED Silver
- Extensive Pedestrian Pathways
- Expansion of the Eckerd Community Bike Program
- Improved access to Palm Hammock (Upland Preservation Area)

Design & Construction Team

- Construction Manager: Biltmore Construction Co.
- Architect: Cannon Design
- Civil Engineer: AndersonLane, Inc.
- Landscape Architect: Hardeman Kempton
- Eckerd College Project Manager: Mr. Bill McKenna



Perspective Image provided by CANNON DESIGN and is not the property of AndersonLane, Inc.

ECKERD COLLEGE GO Pavilion

The GO Pavilion will serve as a unique Open Air Event Venue and is located adjacent to the Eckerd College Athletic Complex. The project was designed to host everything from basketball games, outdoor teaching, concerts and award ceremonies. This outdoor venue strengthens the Students Recreational Experience and enhances the outdoor experience of all who visit the facility.

The facility was made possible through a donation by Eckerd's Trustee George Off and his wife Tara. The Facility was named with the use of George Off's initials in recognition of his ongoing support of Eckerd as a Trustee and his generosity.



ECKERD COLLEGE



Project Highlights

- \$1.5 million Construction Budget
- 12,000 s.f. Covered Open Air Structure
- Completed Fall of 2010
- Unique campus venue for a variety of events
- Sports Court Surface
- Permitting included a request to construct the facility over a City Utility Easement, the request was granted and the project has met the strict City standards for such an installation.

Design & Construction Team

- Construction Manager: Biltmore Construction Co.
- Architect: ARC3 Architecture & Cannon Design
- Civil Engineer: AndersonLane, Inc.
- Structural Engineer: McCarthy Associates
- Eckerd College Project Manager: Mr. Bill McKenna



Images are provided by ARC3 Architecture and not property of AndersonLane, Inc.

ECKERD COLLEGE Master Plan Assistance



ECKERD COLLEGE

Master Plan Elements:

- 180 acre Campus in St. Petersburg Florida
- Private Liberal Arts College
- Academic Facilities Expansion
- Residential Housing Expansion
- Student Wellness Center
- Central Energy Plant
- Innovation Stormwater Facilities
- Expanded Parking for Students and Faculty
- Preservation of Natural Open Spaces
- Expanded Athletic and Recreational Facilities
- Iconic Architectural Elements
- Conformance with FEMA Requirements
- Community Bike Program
- Maintaining Eckerd's Unique Culture



Images are from the Master Plan Prepared by Ayers Saint Gross Architects for Eckerd College.

AndersonLane, Inc. Contribution:

- AndersonLane, Inc. provided Civil Engineering input and support to Ayers Saint Gross during the preparation of the Campus Master Plan in 2001 and have contributed to several updates to the Master Plan.
- Conceptual Civil Engineering Plans to develop estimate project costs and to understand the regulatory opportunities and constraints.
- Development of Innovative Storm water Concepts to meet the goals of the Project while meeting the State Water Management Criteria. The result was the approval of the Campus Wide Conceptual Permit.
- Review of Historical Data to establish a solid platform for the Development of the Master Plan.
- Extensive Coordination with the Projects Mechanical, Electrical and Plumbing consultant to define Utility Corridors throughout the Campus and to Support the Development of the Central Energy Plant.
- Parking and Circulation Analysis.
- Pedestrian Circulation Studies to enhance the Pedestrian Experience.



FRONT ALONG 161ST STREET

BRONX COUNTY HALL OF JUSTICE

The Bronx County Hall of Justice is a 750,000sf criminal court complex that houses 48 new "state of the art" court rooms, along with administrative, district attorney and judges offices as well as detention facilities that serves both the City of New York and the State Supreme Court. It is a certified LEED Silver awarded building for its unique section and curtainwall design that allows the harvesting of daylight for all the interior courtrooms which cannot have direct windows.

The building sits on two large blocks along a major Avenue in the Bronx and is designed to allow for simple expansion into a third. Portions of the building base and the front corrugated curtainwall are designed and tested for potential bomb blasts.



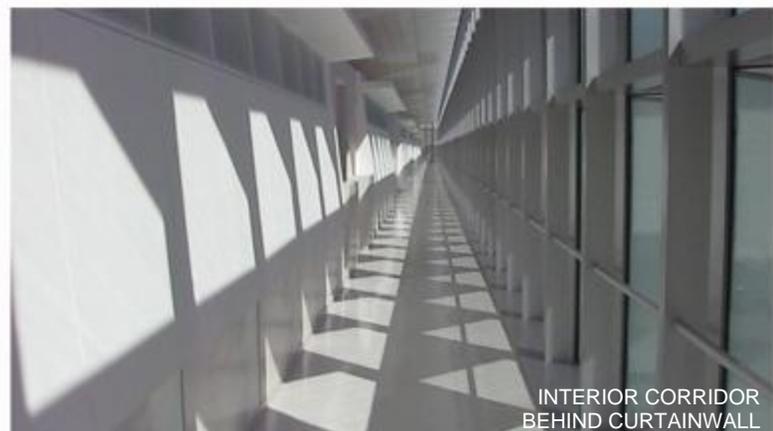
REAR PLAZA

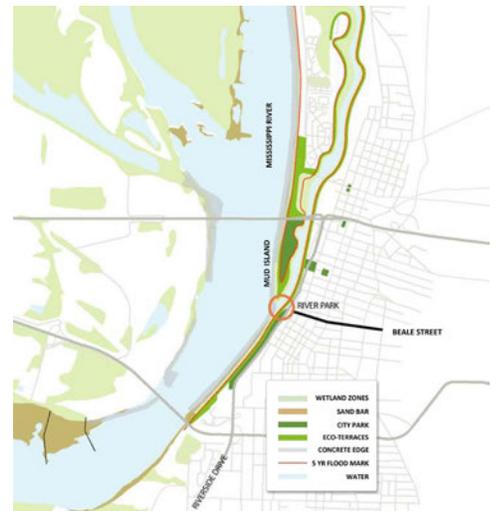
BRONX COUNTY HALL OF JUSTICE

The design of the building employed numerous different curtainwall systems along portions of the exterior clad in massive pre-cast concrete panels. The differing systems follow the actual function within the building and are designed to perform per the specific criteria required for each locale. The front corrugated system has light shelves to bounce daylight deep into the building and is configured to mitigate blasts from bomb. The main rear system maximizes glazing to the public corridors and stairs in the area.



Architect - Rafael Vinoly Architects (PM John Chu)
MEP Engineer - Flack + Kurtz (PM Fred Holdorf)
Structural Engineer - Y.A. Seinuk
IT / AV Engineer - Shen Milsom Wilke





BEALE STREET LANDING
WATERFRONT PARK
MEMPHIS, TENNESSEE

Located at the foot of Memphis' historic Beale Street, a new waterfront park emerges out of the Memphis Riverfront Development Corporation's need for a new ferry terminal with underground parking structures – designed within to accommodate and absorb the seasonal flows of the Mississippi River. As executive landscape architect, collaborating with Balmori Associates, HMWhite led a multi-disciplinary team to transform this riparian public landscape into a multi-purpose waterfront asset that capitalizes on Memphis' regional waterfront natural resource.

The ferry landing and terraced park reside within the Mississippi River's annual flood zone. To ensure long term vitality and landscape durability, HMWhite provided site engineering and design expertise to integrate the landscape within a complex set of site, architectural and engineering requirements.

PROJECT FEATURES

- 3.6 acres
- Floodplain resilient design
- Historic Mississippi riverfront
- Riverfront accessibility
- 35% increase in native riparian plantings
- Activity pods spatially organized above flood levels
- 1.5 acres of regenerated park land
- Complex subterranean parking structure / landscape fusion

COMPLETION

Fall 2013

COST

\$8.6 Million

CLIENT

Memphis Riverfront Development Corporation

DESIGN TEAM

Design Architect: RTN

Architect of Record: Bounds & Gillespie Architects

Landscape Designer: Balmori Associates

Structural and Civil Engineers: SSR Ellers

Lighting Designer: L'Observatoire International

NORTH VIEW



- Transitional riparian soil strata and planting soil profiles integrated as part of shoreline stabilization
- Plant communities derived by their ability to support and thrive within engineering soil profiles
- Established seamless and invisible interface between structured and at-grade landscape development
- Developed low maintenance planting design informed by opportunities and limitations of planting infrastructure.

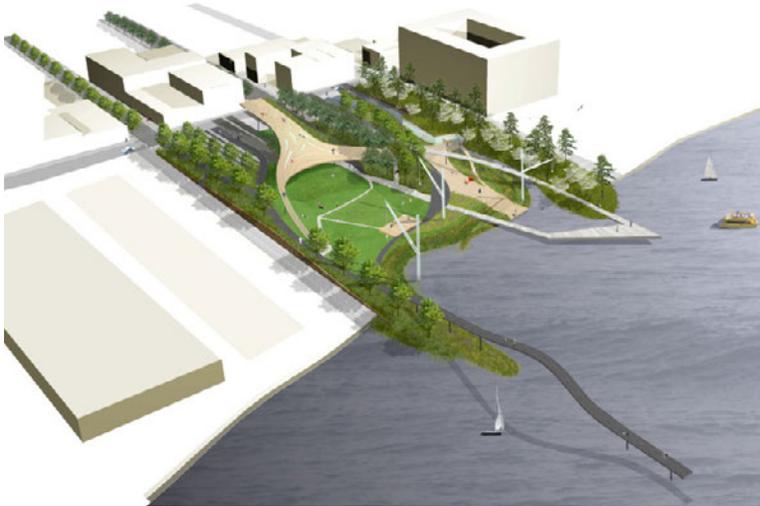
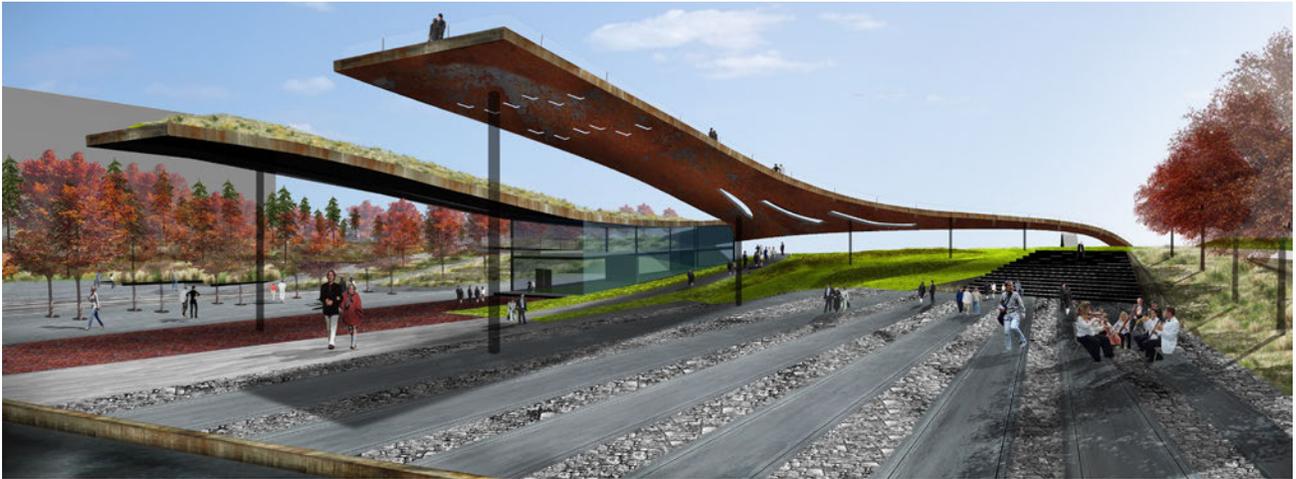
SOUTH VIEW



- Developed a matrix of site construction systems to withstand river surges and powerful current flows
- Developed a landscape management plan to ensure long term landscape design intentions and works with the site's district riparian, hydrologic, geotechnical and vegetation habitat conditions



RIVERFRONT VIEW



PERFORMANCE PARK
ENVIRONMENTAL URBAN DESIGN
BROOKLYN, NEW YORK

HMWhite's masterplan develops seven-acres of former industrial land on New York City's East River. Entitled "Performance Park", the design incorporates a dynamic public open space offering waterfront recreation and a unique cultural venue for theatrical expression and experience.

Drawing from the site's industrial heritage, the design is inspired by rail interchange systems to extend the urban streetscape into the park and link it with the river. The concept proposes to sculpt the site's flat terrain and interweave a network of paths, platforms and structural elements to emphasize experience of the river's edge, showcase urban views and provide spaces for performances and art installations.

Interactive Infrastructure

- ▣ Architectural pavilions house park amenity services
- ▣ A network of walkways offers access to transportation services and views of the wetland and urban backdrop.
- ▣ A system of plazas and stages provide flexible spaces for public gatherings, recreation, and events.
- ▣ Three crane towers control rigging systems for stage purposes.

PROJECT FEATURES

- Competition
- Riverfront Multi-use Park
- Architectural pavilions
- Performance amphitheater and stage
- Outdoor markets
- Wetlands restoration
- Storm water remediation
- New tidal inlet channel

COMPLETION

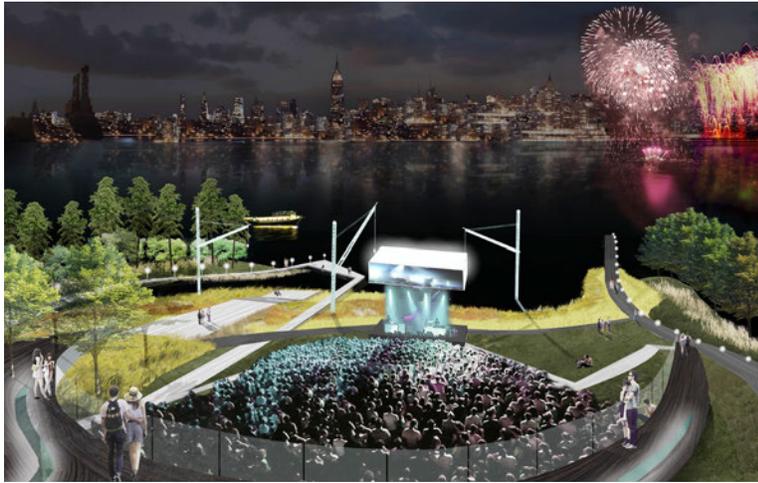
N/A

COST

N/A

CLIENT

suckerPUNCH Architectural Association



ECO-LANDFORM

MEADOW BERMS

Vegetated ridgelines permeate and frame the park to immerse visitors into the landscape. The swelling berms highlight riparian grass meadows created by tree groves extending into the streetscape and establishing visual screening from adjacent high-rise developments.

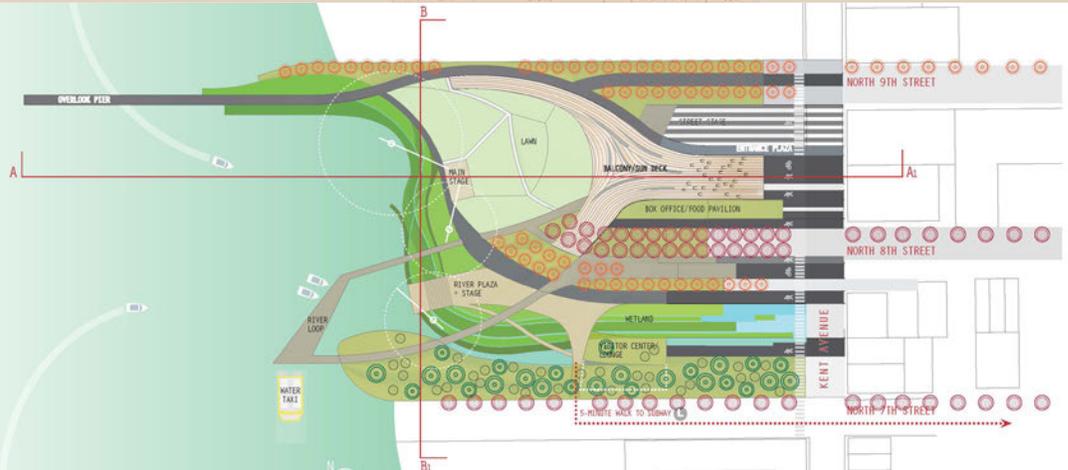
AMPHITHEATER LAWN

A series of warped lawn planes form a sculpted amphitheater surrounding the Main Stage for flexible audience seating or lounging on the grass to view the city backdrop.



RIVER SWATH

Expanding the river's edge into the park forms a tidal inlet channel and marks its pre-industrial expanse with a series of cascading pools. Layered swaths of wetland meadow plantings along the river's edge restore its brackish wetland ecology and establish a storm water capture and remediation zone for the park.



SALVADOR DALI MUSEUM
St. Petersburg, Florida



Photo by Beck Group/Mike Rixon Photography
safety requirements for atrium smoke exhaust. A series of windows and doors in the glass are individually controlled electronically for smoke extraction.

In keeping with Dalí's unique style, the museum features a 75' tall geodesic glass enclosure titled "Enigma" after a well-known 1929 Dalí painting, "The Enigma of Desire". Low-E, partially reflective glass creates a unique building profile and admits copious amounts of daylight, while providing views of the bay. A grand stairway, fashioned with a double helix design, creates a dramatic entry for visitors and reflects Dalí's fascination with spiral forms.

The museum originally opened in 1982, and the new building debuted in the spring of 2011 to host the largest collection of Dalí's work outside of Spain, including eight masterworks, 96 oil paintings and 2,140 Dalí paintings, prints, sculptures and drawings.

The first floor includes a reception center, museum store, 90-seat orientation theater, 150-seat community room and café with indoor and outdoor seating. Administrative offices and research library are on the second floor, with exhibits on the third floor, high above the flood plane and safely protected by the building's 18" thick concrete walls which were engineered to withstand 165-mph winds and a Category -5 storm surge, while also providing thermal mass to the building.

"Enigma" required meticulous engineering to support the architect's vision. TLC's design kept it visually crisp and clear of ductwork, sprinkler piping and electrical raceways, while meeting code and life

Accurately controlling temperature and humidity in a building housing priceless artwork is crucial. TLC's prior museum engineering experience and the unique criteria for the Dalí museum resulted in a design that includes two 170-ton, water-cooled screw chillers piped in a variable flow arrangement. Heat is produced via two natural-gas filled water heaters piped in a primary/secondary arrangement. A backup generator serves the atrium smoke exhaust system, life safety alarms and lighting, kitchen refrigeration equipment and art storage air-conditioning equipment.

Sustainable strategies were incorporated and include a domestic hot water system with electric-fired back-up and a solar water heating system that functions as a virtual boiler for the museum's dehumidification systems, critically important during St. Petersburg's hot, humid weather. Occupancy sensors reduce electrical demand while low-flow fixtures and water condensate recycling minimize water use. Reclaimed water serves all landscape irrigation needs.

TLC designed the audio/visual system for the multi-purpose room, auditorium, museum shop and ticketing areas and worked closely with the architect, lighting designer and curators on the lighting design.

Architect
HOK Architects
Tampa, Florida

Owner
Salvador Dalí Museum

Constructor
Beck Group
Tampa, Florida

Major Components
Exhibit Areas/Collection Halls
Spiral Staircase
90-Seat Theater
150-Seat Community Room
Cafe with Indoor and Outdoor Seating
Museum Store
Administrative Offices
Research Library

Project Size
66,500 square feet

Construction Cost
\$30 Million

Completion Date
2011

TLC Services
Mechanical
Electrical
Plumbing/Fire Protection
Audio-Visual/Voice-Data/Security
Commissioning
Energy Modeling

**2011 ENR Southeast, Best Cultural/
Worship project**
2010 AIA Tampa Bay People's Choice
**2010 AIA Tampa Bay Merit Award for
Architecture, Distinctive Details**
2009 Novum Design Excellence

St. George Intermodal Terminal

Staten Island, New York

Owner

New York City Economic Development Corporation / New York City Department of Transportation

Architect

Hellmuth, Obata + Kassabaum

General Contractor

Barney Skanska Construction Co.

Completion Date

2004

Construction Cost

\$90 million

Awards

Diamond Award - 2004 Engineering Excellence Awards, American Council of Engineering Companies of New York (ACECNY)

Art Commission Award for Design Excellence 2000



St. George Ferry Terminal is the gateway to Staten Island and incorporates a seven-boat ferry fleet, sixteen separate local bus lines, the Staten Island Railway and additional pedestrian and vehicular traffic. The project includes the rehabilitation of existing waiting room, concourses, public and NYCDOT spaces, as well as stairs, ramps and retail areas. A major focal point of the renovated facility is a new arch structure that spans the new north building and the new maintenance facility. The arch is 80 feet in height and 300 feet in length. Design was also provided for the new esplanade, plaza and connection building, including new elevators, stairs and escalators. The project resulted in a more efficient and accommodating facility, allowing for better connections between the different modes of transportation available at the site, while supplying a more inviting atmosphere. The terminal is the first intermodal facility in the country to receive LEED certification.

West Midtown Intermodal Ferry Terminal

New York, New York

Developer

New York City Economic Development Corporation

Client/Architect

William Nicholas Bodouva

Construction Manager

Skanska USA Building

Construction Cost

\$40 million

Project Duration

Start: January 2003
Completion: September 2005

Total Area

28,000 sf

Awards

New York Construction Best of 2005,
Marine Category



Thornton Tomasetti provided structural design of a new pile-supported waterfront terminal facility built on top of the existing Pier 79 on the Hudson River. The project included six ferry slips, a new ticketing hall and passenger gangways and an 18-foot-wide public walkway connecting the facility to the Hudson River Park esplanade. The building cantilevers over the river and features large expanses of glass walls.

The two-story facility includes cafes and passenger waiting areas, and a diving board-style open platform directly over the water. There were stringent requirements on pile driving and vibration issues because of the proximity of the Lincoln Tunnel. This required the use of the structural grid of an existing concrete platform and the reinforcement of its pile system. Services included the coordination with various project team members, permitting and approvals from various public agencies while existing adjacent ferry and bus operations continued at Pier 78.



RESUMES

ATYPE

John Chu - Principal
Anthony Kender - Project Manager
Timothy Sudweeks - Senior Technical Officer
Marica McKeel - Senior Project Architect



Eddie Mastalerz - Principal
Robert Blatter Jr. - Principal
Steven Vinci - Principal



Henry White - Principal
Samuel Lawrence - Principal
Amy Sommer - Landscape Architect
Aaron Booher - Associate
Morgan Barnicoat - Senior Designer



Landscape Architects
& Civil Engineers

James Kempton - Principal
James Rinard - Project Manager

andersonlaneinc.

Ron Anderson – Principal
Cole Lane - Principal



A Brian Lomel – Principal
David Southwick - Principal
Jason Heffelmire – Associate Mechanical Engineer
Gerald Crnkovich – Associate Electrical Engineer
Jeffrey Stash – Associate Plumbing Engineer
David Fusco – Structural Engineer

Thornton Tomasetti

Chris Christoforou - Principal

JEFRE

Jefre Manuel - Principal

JOHN CHU – Principal

Education:

Cornell University: Bachelor of Architecture 1988

Selected Experience:

Project Director (w/ Santiago Calatrava)

2010 - 2014

Florida Polytechnic University, Lakeland FL

Innovation, Science and Technology building:

A \$60M 180,000sf iconic multi-functional building housing administrative offices along with classrooms and laboratories organized around a large central space enclosed under an enormous skylight. Most of the building is framed with a sculptural concrete structure and the entire exterior is veiled with a complex undulating aluminum frame pergola. The roof features a unique operable moving louver system optimizing shade and daylight into main space below. The project was delivered on time and budget despite an ownership change at the beginning of construction.

Project Director (w/ Santiago Calatrava)

2008 - 2012

University of South Florida – Polytechnic, Lakeland FL

Campus Master Plan and Infrastructure:

A \$40M 180acre campus design plan produced to accommodate the anticipated growing polytechnic satellite of USF Tampa. It incorporates residential and academic buildings organized around a series of massive man-made lakes, as well as specialized structures like the recently commissioned iconic IST building and campus centerpiece. Subsequent to acceptance of the design, engineering the appropriate infrastructure to support the plan was pursued and most of this base campus design has been completed though when later adopted by the new Florida Polytechnic University, decisions were made to diverge from the accepted plan.

Project Manager (w/ Rafael Vinoly Architects)

2002 - 2006

Bronx County Hall of Justice, Bronx NY

A \$450M 750,000sf criminal courthouse complex serving both the state and city court system, it features 47 state of the art modern courtrooms, a large detention facility in the basement, a 500-seat assembly hall, and offices enclosed with a specially designed blast-mitigating corrugated shaped curtainwall system. The complex also offers amenities like an expansive rear public plaza with ample underground parking below and its construction required miles of streetscape improvement adjacent as a concession to the local community.

Other Employment:

Perkins & Will

Skidmore Owings and Merrill

Kohn Pederson Fox

Rockwell Group

Ricardo Bofill – Taller de Arquitectura

Emilio Ambasz

Machado – Silvetti

Jones and Kirkland

Awards:

Society of American Registered Architects SARA-NY Award of Merit - 2013

American Institute of Steel Construction – Ideas2 Merit Award - 2008

Civic Alliance Planning and Design Workshop - 2002

ICN Competition 2nd prize -1998

Diehl Graphsoft 7th Annual CAD Awards -1997

Municipal Arts Society Award -1993

SOHO ART prize -1989

ACSA / Wood Council -1987

Edward A. Seipp Prize -1986

John Howard Prize - 1983

ATYPE

ANTHONY KENDER – Project Manager

Education:

Catholic University of America 2000

Selected Experience:

Senior Project Manager (w/ Perkins Eastman)

2013

Industry City Adaptive Reuse - Brooklyn, NY

Managed a team of 6 people during all phases of construction for a complex rehabilitation project in one of the last areas of New York City with a significant concentration of large industrial buildings. The project has broader urban revitalization implications associated with it.

Project Manager (w/ Santiago Calatrava)

2008 – 2012

Yuan Ze University - Taipei, Taiwan

Managed a team of 9 people during the SD and DD phases. Met with clients and coordinated with local team of architects and engineers. Project is over 60,000 m², consisting of three distinctive program elements. It involved creating a monumental memorial for the university's founder, an iconic performance hall to house both a concert hall and theater and a sizeable academic structure to house studios and classroom. The planning and siting of these buildings both integrate with the existing campus as well as sponsor the future expansion and development of the campus.

Project Architect (w/ Santiago Calatrava)

2007 – 2010

World Trade Center Transportation Hub - New York, NY

Also known as the PATH station, when complete in the next year, it will be a massive sculptural and architectural central element visually linking Ground Zero to the Broadway on the street level and serve as part of the massive transit hub for all of downtown New York city. Its extraordinary form will stand in stark contrast to the boxy buildings presently crowding the area.

Other Employment:

Peter Marino

Greenberg Farrow

C.I.T.E. Design

A T Y P E

TIMOTHY SUDWEEKS, AIA, LEED AP – Chief Technical Officer

Education:

Master of Science, AAD, Columbia University GSAPP 2004

AA Diploma & RIBA II Architectural Association School of Architecture 2002

BA (Hons) Architecture & RIBA I, Kingston University 1998

Selected Experience:

Senior Project Architect (w/ Santiago Calatrava)

2010 - 2011

Florida Polytechnic University, Lakeland FL

Innovation, Science and Technology building:

A \$60M 180,000sf iconic multi-functional building housing administrative offices along with classrooms and laboratories organized around a large central space enclosed under an enormous skylight. Most of the building is framed with a sculptural concrete structure and the entire exterior is veiled with a complex undulating aluminum frame pergola. The roof features a unique operable moving louver system optimizing shade and daylight into main space below. The project was delivered on time and budget despite an ownership change at the beginning of construction.

Senior Project Architect (w/ Santiago Calatrava)

2009 - 2010

Yuan Ze University - Taipei, Taiwan

Project is over 60,000 m2, consisting of three distinctive program elements. It involved creating a monumental memorial for the university's founder, an iconic performance hall to house both a concert hall and theater and a sizeable academic structure to house studios and classroom. The planning and siting of these buildings both integrate with the existing campus as well as sponsor the future expansion and development of the campus.

Senior Architect (w/ FXFowle)

2006 - 2009; 2011 - 2014

Worked and advised on a large variety of projects:

7900 Wisconsin Ave, Bethesda, Maryland

North Glebe Rd lobby, Washington D.C.

Bank Tower Competition, South America

Sustainable Retail Mall, Brooklyn

Julliard School Expansion, New York City

Cannon Competition, Long Island

Greater Noidia, New Delhi

Ramaz School, New York City

Lincoln Center South, New York City

Other Employment:

AEN Architects

Atopia

Avanti Architects

LA-Architects/AGP/Croydon Cultural Services

Gary Little Associates

Project Design Partnership

Achiton Group Practice

Teaching:

City College of Technology

Pratt Institute School of Architecture

Parsons School of Design

A T Y P E

MARICA MCKEEL – Senior Project Architect

Education:

Masters of Architecture – Parsons School of Design

B. of Environmental Design in Architecture – North Carolina State University

Selected Experience:

Principal (Studio MM)

2009 – 2014

Marica is the founding principal of Studio MM, pllc, an architecture firm based in NYC and focused on contemporary design. In 2003 Marica moved from Tampa to New York City to get her Masters in Architecture from Parsons and after graduating decided to make NYC her permanent home. She has experience across a broad range of building sectors. Previous experience focused on designing residential projects in Tampa where she was partially responsible for developing the Channelside 212 Lofts, one of the first projects designed to bring residential housing into downtown Tampa.

Project Manager (w/ Santiago Calatrava)

2008

University of South Florida – Polytechnic, Lakeland FL

Campus Master Plan and Infrastructure:

A \$40M 180acre campus design plan produced to accommodate the anticipated growing polytechnic satellite of USF Tampa. It incorporates residential and academic buildings organized around a series of massive man-made lakes, as well as specialized structures like the recently commissioned iconic IST building and campus centerpiece. Subsequent to acceptance of the design, engineering the appropriate infrastructure to support the plan was pursued and most of this base campus design has been completed though when later adopted by the new Florida Polytechnic University, decisions were made to diverge from the accepted plan.

Project Architect (w/ Santiago Calatrava)

2007

World Trade Center Transportation Hub - New York, NY

Also known as the PATH station, when complete in the next year, it will be a massive sculptural and architectural central element visually linking Ground Zero to the Broadway on the street level and serve as part of the massive transit hub for all of downtown New York city. Its extraordinary form will stand in stark contrast to the boxy buildings presently crowding the area.

Publications:

Tampa Bay Business Journal

Florida Architecture

**EDDIE A. MASTALERZ**

Principal

As one of ARC3's founding Principals, Eddie has almost 20-years in architecture with experience in design, planning and project management. He has worked on a broad range of projects types including, municipal, educational, public safety, recreational, commercial and religious. Eddie will function as the project leader and primary contact for this project. His attention to detail and organizational abilities will serve to keep the team focused.

PROFESSIONAL EXPERIENCE**ARC3 Architecture, Inc.**

St. Petersburg, Florida
Design Principal

Gresham Smith + Partners

Jacksonville, Florida
Project Manager

Robbins, Bell + Kreher

Tampa, Florida
Project Manager

EDUCATION**University of Florida**

Master of Architecture
Bachelor of Design
Vicenza Institute of Architecture

Polytechnic Institute of Tirana

Tirana, Albania

Pinellas County Public Safety Complex (\$81,400,000)

ARC3 was hired as the criteria architect for the new Public Safety Complex. The PCPSC will be located on approximately 40 acres along Ulmerton Road. With over 300,000 sf, it is slated to house the County's new Emergency Communications Center (ECC) and the Sheriff's Administration Building. The new ECC will serve to centralize law enforcement and county emergency dispatch agencies as well as emergency management in a common hardened facility. The building will be supported by redundant mechanical and electrical systems allowing for continuous operations through a critical event.

250 Piedmont Apartment Conversions (\$38,000,000)

ARC3 was hired to convert a 1970's 20-story office building in Atlanta into 328-apartments. The project includes conference space for the adjacent Hilton Hotel, a new pool deck, structured parking and plaza level amenities.

Town of Indian Shores Municipal Center (\$4,200,000)

The 32,683 SF Municipal facility completed in 2012, has 3-stories over parking and is designed to withstand 184 MPH winds and remain operational during emergency events. The police and building departments are located on the second floor while town administration is located on the third floor. The upper floor has public assembly, a warming kitchen and associated support facilities. Project amenities included generator backup of essential services, exterior balconies for public and private spaces, protected parking and sally port with dedicated elevator.

Martin County Public Safety Complex (\$13,400,000)

The design build project consisted of a new two story, 71,714 sq. ft. addition to the existing facility. It was designed to remain operational during a Category-5 storm. 5,000 psi, 7 1/4" tilt-up concrete panels clad a rigid steel frame and composite roof/floor system. Bi-fold, airplane hangar style doors close to provide protection at the main entrances during inclement weather and retract during normal conditions to provide shelter from the sun and rain. A full generation plant, UPS system and integrated mechanical systems were provided to ensure continuous operation of the facility.

**ROBERT L. BLATTER JR., AIA, LEED BD+C****Principal**

Robert has almost 20-years of experience and serves as a designer and project leader with ARC3 Architecture. He seeks to provide innovative, thoughtful architecture that expresses client desires while fulfilling programmatic requirements. His previous experience includes a broad range of projects including healthcare, commercial, educational, recreational and public safety. Robert believes that honest architecture is achieved by serving the needs of our client, the community and our environment at large.

PROFESSIONAL EXPERIENCE**ARC3 Architecture, Inc.**

St. Petersburg, Florida
Design Principal

Gresham Smith + Partners

Jacksonville, Florida
Project Manager

**University of Florida,
Health Science Center**

Gainesville, Florida
Project Coordinator

AFFILIATIONS

American Institute of Architects
United States Green Building Council

EDUCATION**University of Florida**

Master of Architecture
Bachelor of Design

Vicenza Institute of Architecture

REGISTRATION

Florida Licensed Architect
Florida Licensed Interior Designer
NCARB Certified

Pinellas County Public Safety Complex (\$81,400,000)

ARC3 was hired as the criteria architect for the new Public Safety Complex. The PCPSC will be located on approximately 40 acres along Ulmerton Road. With over 300,000 sf, it is slated to house the County's new Emergency Communications Center (ECC) and the Sheriff's Administration Building. The new ECC will serve to centralize law enforcement and county emergency dispatch agencies as well as emergency management in a common hardened facility. The building will be supported by redundant mechanical and electrical systems allowing for continuous operations through a critical event.

Pinellas County Jail Master Planning and Criteria (\$78,000,000)

ARC3 was teamed to provide master planning for the complex including a new cogeneration plant, a new kitchen facility, a new laundry facility and future housing for over 3,000 inmates. The first phase of work includes all of these amenities except the housing component, which will be constructed under another phase.

250 Piedmont Apartment Conversions (\$38,000,000)

ARC3 was hired to convert a 1970's 20-story office building in Atlanta into 328-apartments. The project includes conference space for the adjacent Hilton Hotel, a new pool deck, structured parking and plaza level amenities.

Martin County Public Safety Complex (\$13,400,000)

The design build project consisted of a new two story, 71,714 sq. ft. addition to the existing facility. It was designed to remain operational during a Category-5 storm. 5,000 psi, 7 ¼" tilt-up concrete panels clad a rigid steel frame and composite roof/floor system. Bi-fold, airplane hangar style doors close to provide protection at the main entrances during inclement weather and retract during normal conditions to provide shelter from the sun and rain. A full generation plant, UPS system and integrated mechanical systems were provided to ensure continuous operation of the facility.

**STEVEN J. VINCI, AIA****Principal**

As one of ARC3's founding Principals, Steve has served and successfully overseen many technically challenging projects. Steve's diverse project experience and abilities enable him to perform for each client with a comprehensive quality and an acute attention to detail. Steve is results oriented and is committed to supplying appropriate solutions for each unique project. Along with his responsibilities in leadership and management, he is dedicated to focusing the team on timely and thoroughly coordinated documents.

PROFESSIONAL EXPERIENCE**ARC3 Architecture, Inc.**

St. Petersburg, Florida
Design Principal

CBB Architects, Inc.

St. Petersburg, Florida
Project Manager

AFFILIATIONS

American Institute of Architects

EDUCATION**University of Florida**

Master of Architecture
Bachelor of Design

Vicenza Institute of Architecture

REGISTRATION

Florida Licensed Architect
Georgia Licensed Architect
NCARB Certified

Pinellas County Public Safety Complex (\$81,400,000)

ARC3 was hired as the criteria architect for the new Public Safety Complex. The PCPSC will be located on approximately 40 acres along Ulmerton Road. With over 300,000 sf, it is slated to house the County's new Emergency Communications Center (ECC) and the Sheriff's Administration Building. The new ECC will serve to centralize law enforcement and county emergency dispatch agencies as well as emergency management in a common hardened facility. The building will be supported by redundant mechanical and electrical systems allowing for continuous operations through a critical event.

Town of Indian Shores Municipal Center (\$4,200,000)

The 32,683 SF Municipal facility completed in 2012, has 3-stories over parking and is designed to withstand 184 MPH winds and remain operational during emergency events. The police and building departments are located on the second floor while town administration is located on the third floor.

Pinellas County Jail Master Planning and Criteria (\$78,000,000)

ARC3 was teamed to provide master planning for the complex including a new cogeneration plant, a new kitchen facility, a new laundry facility and future housing for over 3,000 inmates. The first phase of work includes all of these amenities except the housing component, which will be constructed under another phase.

Martin County Public Safety Complex (\$13,400,000)

The design build project consisted of a new two story, 71,714 sq. ft. addition to the existing facility. It was designed to remain operational during a Category-5 storm. 5,000 psi, 7 1/4" tilt-up concrete panels clad a rigid steel frame and composite roof/floor system. Bi-fold, airplane hangar style doors close to provide protection at the main entrances during inclement weather and retract during normal conditions to provide shelter from the sun and rain. A full generation plant, UPS system and integrated mechanical systems were provided to ensure continuous operation of the facility.



HENRY M WHITE III, FASLA

Principal

For over twenty years leading HMWhite, Hank White has been recognized for designing numerous highly acclaimed landscape projects that include an extraordinary range of scales and regional contexts. Led by the conviction that the designed landscape is among the most perpetual and convincing forms of cultural expression and environmental accountability, Hank has pursued an interest in landscape design since childhood. His work examines the dichotomy of nature and culture where the responsible and sensitive cultivation of the land is reconciled with necessities of contemporary life. Each project is approached as a unique endeavor. Balanced and creative solutions integrated within the workings of the natural environment define his work's purpose motivate him as a creator.

Hank was awarded Fellow of ASLA in 2012 and a 2013 ASLA Honor Award for the landscape design for Brooklyn Botanic Garden's Visitor Center – an exemplary fusion of building, landscape design and ecological engineering. Known for his collaborations with some of the most celebrated architects of our time, Hank's repetitive work with Renzo Piano began with the New York Times building's iconic lobby garden – a contemporary landscape landmark. A current recent project with Renzo involves the redefinition of a Manhattan West Side city block with a retail plaza and a series of expansive roof terraces. Established as an authority on rooftop landscape designs, his firm's work has been featured in New York Rooftop Gardens, by Charles d Vairvre, which exhibits living roof adaptations essential to improving quality of urban life.

While Hank's work exemplifies his dedication to the craftsmanship of site design, many projects are products of multi-phased installations within large master plan visions. His reclamation of Staten Island's waterfront into a multi-purpose coastal marine park demonstrates how public open spaces are designed as high-performance landscapes that are fully integrated within a community's infrastructure. As a cornerstone to his work, ecological engineering design strategies are the root to his designs' utility and sustainable purpose. His precedent setting arid living roof and landscape design for SOM's international Conference Center in Riyadh, Saudi Arabia showcases how landscape design reconciles horticultural science and engineering principles. Frequently working in climates and regions unfamiliar with urban landscape technologies, Hank's firm's work is influencing world-wide on how public landscapes are perceived and valued.

More recently his work has focused on the regenerative powers of biologically based storm water management solutions where high-performing landscape typologies emerge as spatial and operational solutions. His landscape precinct design for WCS's Center for Global Conservation, a LEED Gold certified project, fuses architecture with landscape by regenerating damaged vegetation, water and wildlife habitats through a cohesive campus landscape design. Each of these projects presents pedagogical opportunities for the end user as well as the visiting public – improving its understanding of the power of restorative landscape design interventions.

PROFESSIONAL EXPERIENCE

Ehrenkrantz Eckstut & Kuhn, Architects, P.C.,
New York, New York
Dir. of Landscape Architecture

Wallace Roberts & Todd
Philadelphia, Pennsylvania
Senior Landscape Architect

OLIN (formerly Hanna/Olin Ltd.)
Philadelphia, Pennsylvania
Project Designer/Manager

Zion & Breen Associates
Imlaystown, New Jersey
Landscape Designer

**APPOINTMENTS/
AFFILIATIONS**

Harvard Alumni Council,
Former Member

Trees New York,
*Board of Directors,
Former President*

Hudson River Waterfront
*Board of Directors,
Former President*

Pelham Preservation & Garden Society,
Board Member

EDUCATION

Harvard University
Graduate School of Design
Master of Landscape Architecture

Bucknell University
Bachelor of Arts

Institute for European Studies
Vienna, Austria

REGISTRATION

New York, New Jersey,
Connecticut, Rhode Island,
Pennsylvania, Tennessee, CLARB



SAMUEL A. LAWRENCE, LEED® AP
Principal

With nearly 30 years of experience, Sam has distinguished himself as an exemplary leader within the design community. His highly successful multi-disciplinary collaborations on high profile and complex public and private landscape projects have propelled him to become one of the most knowledgeable and sought out landscape architects in NYC and abroad. With an acute ability to grasp the “big picture,” Sam consistently reconciles client ambitions, programmatic accommodations and project economics with responsive environmental design initiatives. One of the first of his colleagues to achieve LEED® accreditation, he leads collaborators by consistently demonstrating how to synthesize environmental engineering issues within a complex set of project circumstances. Whether a small garden courtyard or hundreds of acres of development, Sam brings his unyielding passion and sensitivity toward place making and transforming disadvantaged sites into memorable and meaningful landscapes.

Sam has led the management and design of the revolutionary living roof and exterior/interior public landscape design for the **King Abdullah Financial District Conference Center** in Riyadh, Saudi Arabia. He developed a unique growing medium and living roof modular system to thrive in the desert climate and fulfill the goal of an energy saving building. Aiming for a LEED® platinum certification, native grasses and flora are used for the first time on a massive scale within the Center’s public realm landscape, introducing the dawn of a truly sustainable landscape design into the region. Recognized with a 2011 International Architecture Award from the Chicago Athenaeum Museum, the Conference Center follows Sam’s work on the open space and streetscape designs for six other mixed-use KAFD parcels.

Locally, Sam has led the design and multi-disciplinary coordination of a matrix of building, site engineering and environmental remediation issues for the state-of-the art 35 acre **NYC Police Academy training facility**. The landscape design, centered on the integration of the site’s tidal and fresh water storm water drainage channel, has been manipulated into contextual landscape framework defining a secure institutional campus. Sam assisted in securing a series of multi-level governmental permits approved on the fundamentals of the project’s high performance landscape design. His ability to articulate the role and significance of the landscape design’s infrastructure components ensured appropriate funding support, prompt permit approvals and landscape sustainability.

Sam was responsible for overseeing the successful implementation of the **Morgan Library’s** interior and exterior landscape development as part of its \$44 million award-winning project expansion. He managed and oversaw the final documentation and construction of NYC Economic Development Corporation’s 1.1 mile long **St. George Ballpark Waterfront Park Development**. With more than 10 years as a principal with HMWhite, Sam has consistently demonstrated his sensitivity to clients’ needs, application of his vast knowledge of environmental systems and familiarity with multi-agency and stakeholders approval processes. His keen insight into efficient and innovative construction methods and means, acute awareness of evolving project parameters and his flexibility to overcome design and construction obstacles, consistently render creative and lasting solutions.

PROFESSIONAL EXPERIENCE

- Thomas Balsley Associates**
New York, New York
Landscape Architect/Manager
- Weintraub & di Domenico**
New York, New York
Landscape Architect/Manager
- Quennell Rothschild Associates**
New York, New York
Landscape Arch & Manager

VALUE ENGINEERING PANELIST

- The Highline**
New York City Office of
Management and Budget
Landscape Architect
- East River Park**
New York City Office of
Management and Budget
Landscape Architect

EDUCATION

- University of Copenhagen**
Certificate in Architecture &
Urban Design
- Cornell University**
Bachelor of Science
Landscape Architecture

REGISTRATION

- New York
LEED® Accredited Professional



AMY SOMMER RLA, LEED® AP
Landscape Architect

PROFESSIONAL EXPERIENCE

Santiago Calatrava / Festina Lente
New York, New York
Landscape Architect

Great Ecology & Environments
New York, New York
Consulting Ecological Designer

Community Design + Architecture
Oakland, California
Project Urban Designer

Joining the HMWhite team in 2012 as a Landscape Architect, Amy brings more than seven (7) years of public space and institutional experience. She’s been influential on a wide range of projects from urban street and college campus planning to pedestrian plazas and recreational corridors. As a LEED® accredited professional, Amy’s expertise will be instrumental in furthering the firm’s ability to synthesize the needs of a wide range of local ecologies within a set of complex project circumstances and fulfilling the challenges of creating livable and productive human environments.

EDUCATION

Rhode Island School of Design
Providence, Rhode Island
Master of Landscape Architecture

Cornell University
Ithaca, New York
B.S. Design and Environmental Analysis

University of Sydney
Sydney, Australia

Amy’s sensitivity towards landscape design has resulted in creatively generating memorable and meaningful landscapes that have ecological and cultural influences. During her tenure as Landscape Architect for Santiago Calatrava, Amy was responsible for assisting in the project management of the master plan and site infrastructure for a 170 acre campus science and technology building on the newly opened Florida Polytechnic University Campus in Lakeland, Florida. Working alongside Mr. Calatrava, Amy was responsible for leading the subconsultant team through the first phase of construction process and full campus build-out design process. Under her leadership, the team created and refined the campus master plan and design details resulting in a series of central pond cells to retain and treat all on-site storm water and gray water. Through this process, Amy has become familiar with plants, ecology and local environment of Central Florida.

REGISTRATION

Registered Landscape Architect
Connecticut, New York (pending)

LEED® Accredited Professional

American Rainwater Catchment
Systems Association (ARCSA)

Previously - as a project urban designer for Community Design + Architecture - Amy led the design and preparation for a number of public agency projects including a number of signature rapid transit stations throughout portions of California. Her expertise in green infrastructure and low impact development lent itself to the oversight of local agency sustainable pilot programs and further served in an advisory capacity through the LEED® application process. As liaison to public agencies and stakeholders, she was instrumental in the development of numerous signature bus rapid transit stations that is the standard in Northern California today.

As Project Manager and Senior Landscape Architect, Amy is currently working with Principal-in-Charge Hank White in the development of two mixed-use properties in the Hunters Point area of Long Island City, New York. As this emerging neighborhood continues to grow, AvalonBay’s Riverview North property in Long Island City is upgrading its outdoor and amenity spaces to attract and retain high-end market tenants. HMWhite is responsible for improvements to the main entry streetscape, creating a more pedestrian friendly courtyard space at the autocourt entrance, and re-envisioning the garage roof terrace as a shared open space. Amy is also in the process of completing a comprehensive green roof re-design for Viacom’s Time Square roof terrace. As Landscape Architect and Project Manager, Amy has lead the design and overseen the installation of this 40 year old building’s retrofitted green roof. Complete with distinct dining and lounge areas nestled within an undulating, prairie garden, the garden’s visual framework sets up a layered landscape view that dramatically contrasts with its dynamic Times Square backdrop.



AARON BOOHER

Associate Principal - Senior Designer

PROFESSIONAL EXPERIENCE

Cooprogetti Società

*Cooperativa,
Reggio Calabria, Italy
Landscape Designer*

Zone 6, Inc.,

*New York, New York,
Business Owner/Event,
Garden & Landscape Designer*

EDUCATION

University of Pennsylvania

*Master of Landscape
Arch & Regional Planning*

Sarah Lawrence College

Bachelor of Arts

REGISTRATION

The Art Directors Club

*Annual Awards Competition -
Honorable Mention
New York, New York*

Aaron Booher brings more than seventeen years of international design experience to HMWhite, where he continues to explore his commitment to environmental design as a dynamic medium that enriches peoples’ lives. Although a New York City resident for nearly 20 years, he originates from the Pacific Northwest’s Columbia River Gorge, the landscape in which he developed a formative commitment to and respect for Nature. Through his professional work, Mr. Booher pursues reconnecting the public with its living world and creating a sense of “place” through innovative design solutions that engage and support an ecologically sustainable landscape.

His broad experience in garden design as well as the creative and performing arts enriches his comprehensive knowledge of site planning, urban design, ecological systems, horticulture, construction methods, and visual communications. He excels in balancing clients’ priorities and constraints with analysis driven design concepts. With each HMWhite project over the past six years, Aaron has led multi-disciplinary collaborations where he is responsible for effectively assessing opportunity, distilling constraints, and synthesizing analysis into cost effective and forward-thinking design solutions.

As the project designer and manager for over its six years of design and execution, Aaron has recently completed the award-winning **Brooklyn Botanic Garden’s new Visitor Center’s** 3 acre landscape and 9,400 SF living roof project. His encyclopedia-sized horticultural knowledge has been the perfect marriage for a botanical institution client. He spearheaded the reconciliation of a visually dynamic planting design with HMWhite’s biologically based storm water management landscape solution. The innovative site engineering, dominated by a series of distinctive native plant communities’ material, was one of the leading contributors to the project’s LEED Gold accreditation. Aaron was instrumental in strategically merging the building complex into its hillside setting and coordinating design and scientific specialists’ input. His oversight of the project’s landscape design development through its final execution is evidence to his significant attention and commitment to detail as well as his effective collaboration between the Owner and contractor.

Working with Renzo Piano Building Workshop, Aaron served a critical role in the successful implementation of the award- winning **Lobby Garden for the New York Times building** as well as the building’s plans for an iconic **Sky Garden** atop its 52nd floor roof. Coordinating with a consortium of New York City agencies, he also developed urban design studies to transform the streets, public spaces, character and image of a mixed-use neighborhood beneath the **Brooklyn Bridge** in lower Manhattan. Aaron is a frequent guest critic and lecturer at University of Pennsylvania’s landscape architectural degree program and has participated on landscape design juries at the University’s Penn Design program. He is also a certified Citizen Pruner and an avid steward for many NYC street trees.



MORGAN BARNICOAT

Senior Designer

Joining HMWhite in 2013, Morgan brings (3) years of professional experience as a landscape designer. Originally from Rhode Island, Morgan began developing an interest in environmental issues at a young age, more specifically in relationship to the impact we all have on our water bodies and how each person can tailor their ecological footprint to be more considered and sensitive. This foundation was further built upon exploring sustainable farming systems and environmental studies at Green Mountain College in Vermont, where Morgan developed an interest in systems oriented thinking and processes. His experiences working on small family farms in Vermont ultimately led him to pursue a Master's degree in Landscape Architecture at the Rhode Island School of Design [RISD].

Prior to joining HMWhite Morgan worked as a project landscape designer in Washington, DC, where he contributed to all aspects of project phases, from concept design through construction administration on a variety of local and international projects. Morgan primarily worked on project types encompassing the development of urban, over structure amenity spaces, and green infrastructure streetscapes. While working in DC Morgan contributed on the Walter Reed Army Medical Center Redevelopment Plan as part of the design team responsible for compiling the document created for shaping the reuse of the historic site. Morgan also played a key role in documenting and overseeing construction for multiple DPR playground modernization projects as part of the Play DC initiative.

Outside of the office Morgan has been able to further pursue some of his personal interests stemming from his practice and studies in Landscape Architecture. Most recently, Morgan was invited to lead a weekend long design charrette focused on generating ideas and form for the Green Mountain College Edible front lawn project. The ideas and sketches generated from the charrette were then implemented by college students and faculty participating in an ecological design course. He was also a selected competition participant in the 72 Hour Urban Action, which was the first real time architecture competition ever, and part of the Timing 2010 Landscape Biennale of Landscape Urbanism, held in Bat-Yam, Israel.

PROFESSIONAL EXPERIENCE

Lee and Associates Inc. [LAI]

Washington, DC
Project Landscape Architect

Green Mountain College

Poultney, Vermont
Edible Garden Design Consultant

Reed Hilderbrand Associates

Watertown, Massachusetts
Landscape Designer

Frederick Law Olmsted Historical Site

Brookline, Massachusetts
Design Consultant

Reisen Design Associates

Cambridge, Massachusetts
Planning/Analysis Design Consultant

EDUCATION

Rhode Island School of Design [RISD]

Master of Landscape Architecture

Green Mountain College

Bachelor of Arts
Environmental Liberal Studies

HONORS + ACTIVITIES

Charrette Participant, Lawn to Edible

Garden, Green Mountain College
Poultney, Vermont | Fall 2011

Selected Competition Participant

72 hour urban action
Bat-Yam, Israel | September 2010

Graduate Thesis Book selected for

Graduate Study Archives, RISD
Providence, RI | 2010

Dagata Scholarship, [RIBA], Rhode Island Builders Association | 2008-2009

Graduate Fellowship, RISD
Department of Landscape Architecture

| 2007-2010

Project Presenter, Water and the City

Kolkata, India | 2009

Lecturer on Axonometric Projection

Design Foundations/Field Ecology
RISD, Providence, RI | 2009



Landscape Architects
& Civil Engineers

JAMES T. KEMPTON, R.L.A., ASLA

Landscape Architect:

Mr. Kempton is the managing principal. Hardeman, Kempton, & Associates, Inc. (HKA, Inc.) provides landscape architectural and civil engineering services for multi-faceted corporate, institutional, municipal, and exclusive residential estate design projects.

Mr. Kempton is a Past President of the Florida Chapter of the American Society of Landscape Architects (FC/ ASLA).

Education:

University of Florida, Gainesville, Florida

Bachelor of Landscape Architecture with Honors, May 1992

Registrations:

Landscape Architect - FL (1993) #0001493

Landscape Architect - GA (1998) #001107

Certified Arborist - #SO-0718



Cotanchobee Park, Tampa, FL

Provided landscape architectural, civil engineering and arboriculture services as the prime consultant and lead designer for this waterfront park located in downtown Tampa. This award-winning project was a multi-phase project that includes a playground, river promenade, river overlook with canoe launch, interpretive signage, lighting and infrastructure for large events.



The University of Tampa, Tampa, FL

Provided landscape architectural design and arboriculture services for all capital projects as the campus landscape architect since 2003. Work includes the preparation of conceptual design studies, preparation and maintenance of the campus tree plan and the preparation of hardscape, landscape and irrigation construction documents for over 50 campus site improvement projects.



Heroes Plaza at Cotanchobee Park, Tampa, FL

Provided landscape architectural and civil engineering services as the prime consultant and lead designer for this memorial plaza located adjacent to the History Museum at the eastern end of the of the existing Cotanchobee park. This plaza honors policemen, firemen and military heroes of Tampa Bay by integrating custom interpretive graphic displays, interactive water features, decorative pavement patterns and shade structures.



Eckerd College - College of Molecular and Life Sciences, St. Petersburg, FL

Provided landscape architectural and arboriculture services for this new science building located on the campus of Eckerd College. Work included the preparation of construction documents for this project that incorporates large, shaded terraces, outdoor classroom areas, native plantings and significant elevation changes.



Landscape Architects
& Civil Engineers

JASON E. RINARD, R.L.A., ASLA

Landscape Architect:

Mr. Rinard has professional experience in all phases of landscape architecture and land planning. His experience includes master planning, landscape/irrigation design, hardscape design, lighting design, maintenance specifications, development guidelines, and cost estimating. Mr. Rinard has been a project manager for commercial and residential projects throughout the State of Florida for both private and federal clients. Responsibilities include client development, design services, and project management.

Education:

University of Florida, Gainesville, Florida

Bachelor of Landscape Architecture with Honors, May 1992

Registrations:

Landscape Architect - FL LA #0001608



Water Works Park, Tampa, FL

Provided master planning and landscape architectural and civil engineering services for phase one of this urban, waterfront park. Elements included in the master plan include significant shoreline restoration, extension of Tampa's riverwalk system, playground with an interactive water feature, decorative perimeter fencing, and a kayak launch. Work included review and design coordination of the restoration and expansion of an existing natural spring.



Tampa Riverwalk – Channelside Extension, Tampa, FL

Provided landscape architectural, civil engineering and arboriculture services as the prime consultant and lead designer for this plaza which serves as the eastern terminus of the riverwalk promenade located in the Channelside district of Tampa. This project includes custom designed shade structures and a public art wall in the entry plaza and along this segment of the riverfront promenade.



Courthouse Square, Tampa, FL

Prepared conceptual and construction documents for an urban park located in downtown Tampa. The park includes water features, public art and a large pavilion. The design received the 'Award of Excellence in Environmental Projects' by the Hillsborough County Planning Commission.



Ballast Point Park, Tampa, FL

Provided landscape architectural, civil engineering and arboriculture services as the prime consultant and lead designer for this waterfront park in South Tampa. This award-winning project is a multi-phase project that includes a playground, fishing pier improvements, parking and storm water improvements, an interactive water feature and new picnic shelters.

EXPERIENCE – CIVIC FACILITIES

Ronald W. Anderson

President/Director of Business Development

Mr. Anderson is the co founder of AndersonLane, Inc., a firm created to provide Civil Engineering Services to clients throughout the Tampa Bay area. He brings with him 26 years of experience in the Management of Civil Engineering projects; all 26 years of his career have been in the Tampa Bay market.

The following list of selected projects is provided to convey Mr. Anderson’s wide range of experience in the field of Civil Engineering. This list includes several of the areas largest and more complex projects in recent years.

Several of these projects have included permitting with the Federal Aviation Authority, FEMA as well as other Federal, State and Local agencies in the permitting of Wetland / Mitigation requirements.

CIVIC FACILITIES, PARKS & RECREATIONAL FACILITIES

Mr. Anderson has supported and acted as the Partner in Charge of several Civic Facilities throughout the Bay Area. Projects have ranged from small expansions to new facilities with project budgets of over \$60 Million.

<u>Project</u>	<u>Description</u>
Pinellas County Naval Reserve Training Facility	Naval Training Facility
Pinellas County Jail Expansion	Master Planning and Infrastructure
Tropicana Field	Renovations for Major League Baseball
University of South Florida Polytechnic	New Campus Master Plan Support
Eckerd College Master Plan Development	Existing Campus Master Planning
University of South Florida Polytechnic	170 Acre Infrastructure Project
University of South Florida Polytechnic	Initial “Iconic” Building (\$60+ Million)
Keene Road (4 and 6 Lane Roadways)	Municipal Roadway (4 Miles)
New Port Richey Recreation and Aquatic Center	40 Acre Park redevelopment
Belcher Roadway Phases 1A and 1B	Municipal Roadway (3Miles)
St Petersburg College Seminole Campus	Stormwater Master Plan
Pinellas County Jail Expansion	Infrastructure and Housing Tower
Eckerd College Molecular and Life Science Facility	College Science Building

Additional information and/or a list of references related to the project listed above can be provided upon request.

Also an additional list of projects for any category of work can be provided upon request.

EDUCATION

Macomb and St Petersburg College – Business and Civil Studies.

EXPERIENCE – CIVIC FACILITIES

Cole Y. Lane P.E. Vice President/Director of Engineering

Mr. Lane is the co-founder of AndersonLane, Inc., a firm created to provide Civil Engineering Services to clients throughout the Tampa Bay area. He brings with him 15 years of experience in the Management of Civil Engineering projects; all 15 years of his career have been in the Tampa Bay market.

The following list of selected projects is provided to convey Mr. Lane’s specific experience related to Civic Facilities, Parks and Recreational Facilities in the field of Civil Engineering. This list includes several of the areas largest and more complex projects in recent years.

Several of these projects have included permitting with the Federal Aviation Authority, FEMA as well as other Federal, State and Local agencies in the permitting of Wetland / Mitigation requirements.

CIVIC FACILITIES, PARKS & RECREATIONAL FACILITIES

Mr. Lane has supported the development of many Civic Facilities, Parks & Recreational Facilities throughout the Bay Area. Projects have ranged from small expansions to new facilities with project budgets of over \$60 Million.

Project	Description
University of South Florida Polytechnic	New Campus Master Plan Support
Eckerd College Master Plan Development	Existing Campus Master Planning
University of South Florida Polytechnic	170 Acre Infrastructure Project
University of South Florida Polytechnic	Initial “Iconic” Building (\$60+ Million)
Eckerd College Athletics Complex	Soccer and Tennis Complex
New Port Richey Recreation and Aquatic Center	40 Acre Park redevelopment
Mac Dill Air Force Base	Officer Housing
Eckerd College GO Pavilion	16,000 sf Event Structure (Tensile)
USF Wellness and Nutrition Center	Student Wellness Center
Azalea Middle School (St. Pete, FL)	Track and Basketball Complex
Heritage Harbor Recreational Fields (Lutz, FL)	Community Recreation Field
Eckerd College Molecular and Life Science Facility	College Science Building
University of South Florida Parking Garages 3 & 4	(2) 1400 space Parking Garages

Additional information and/or a list of references related to the project listed above can be provided upon request.

Also an additional list of projects for any category of work can be provided upon request.

LICENSING AND EDUCATION

Florida Professional Engineer No. 57515

B.S. in Civil Engineering Florida State University 1994

EXPERIENCE

Brian brings 26 years of experience in all phases of mechanical engineering analysis and design for HVAC, process piping, plumbing (water/wastewater), fire protection systems and thermal energy storage for all building types. Brian excels in all aspects of interdisciplinary project management including: scope of work development, facility survey/inspections, cost estimating, project coordination, construction administration and project quality and budget control. Brian has an impressive track record with many different types of projects including educational, water treatment, laboratory, aviation and process plants.

Brian is accredited by the United States Green Building Council as a LEED Accredited Professional and was recently elected to the USGBC South Florida Board of Directors. He is also the Program Chair of the USGBC South Florida's Tropical Green. This accreditation conveys his knowledge of green building design, practices, and strategies, and a thorough understanding of the LEED Green Building Rating System, Resources, and Processes on the LEED Professional Accreditation Exam. Brian is also a Registered Commissioning Authority (CxA). Selected project experience includes:

Village of Palmetto Bay Municipal Center, Palmetto Bay, Florida - Two-story Village Hall with council chambers and an integral 24-hour police station. The entire building is on 72-hour back-up generator. Mechanical system uses DX roof-top units with VAV. Various energy models and strategies used for attaining LEED Platinum/NetZero, as well as grants/funds assistance. Design included LED lighting, variable refrigerant flow HVAC system, photovoltaic system support, reclaim water distribution, air quality testing credit, M&V credit, site lighting (solar), site power car charging stations, site landscape - façade lighting, solar heated water, theatrical chambers lighting, dry chemical suppression for IT room, Zurn pint flush urinals, general floor plan re-design. **Certified LEED NC 2009 Platinum.** \$5.5 million/24,500 sf

Florida Atlantic University Christine E. Lynn College of Nursing, Boca Raton, Florida
New 3-story facility including large lecture hall, historical museum, clinic, tiered classrooms, offices, private garden/achieved **Gold LEED® certification.** \$12.7 million/90,000 sf

Bacardi Global Headquarters, Coral Gables, Florida
Interior build-out of 12-story corporate office building including private offices, open-plan office space, support spaces, break areas, executive conference room, boardrooms, executive dining room, catering kitchen, conference-training center, employee cafeteria, food service area, kitchen, fitness center, locker room and shower. Project is achieved **LEED CI Gold Certification.** \$25 million/207,630 sf

Port Everglades Terminal 4 LEED, Ft. Lauderdale, Florida
The project consists of renovations of an existing 90,000 sq ft Terminal located at Port Everglades in Ft Lauderdale, Florida. TLC to perform Sustainability Consulting, LEED Administration, Energy Modeling, Daylight Modeling, Fundamental and Enhance Cx.

Naples Botanical Garden – 15,000 sf of conditioned visitor center, retail, café and meeting space. Building contains stormwater catchment, underfloor air distribution and daylight harvesting systems, registered for LEED® NC Silver Certification. \$4 million/24,695 sf



EDUCATION

The Georgia Institute of Technology
B.S., Mechanical Engineering/
Cooperative Plan
1989

PROFESSIONAL REGISTRATION

FL PE #48488
GA PE #20660
LEED AP BD+C #9074

CERTIFICATION

Certified Commissioning Authority (CxA)

PROFESSIONAL AFFILIATIONS

ASHRAE
USGBC, South Florida Chapter
AIA
BOMA Miami
BOMA Florida
CEA
ULI
GMMBA



DAVID D. SOUTHWICK, RCDD, XTP-E
Principal/Systems Project Manager

EXPERIENCE

David has over 35 years experience in all phases of electrical construction, analysis and design. He is knowledgeable in the design of power distribution, emergency power generation, exterior/interior lighting, control systems, voice/data, telecommunications, fire alarm, audio-visual, sound reinforcement systems, security, access control and video surveillance systems. As a firm principal and senior project manager David is well-versed and experienced in what it takes to complete a project, start to finish. Selected relevant projects include:

JetBlue Park at Fenway South, Ft. Myers, Florida

Spring training facilities for Red Sox major and minor league players, minor league seasons and instructional league in a comfortable, state-of-the-art ballpark with 4,000 parking spaces and amenities, designed to pay homage to historic Fenway Park. Accommodates total capacity of 12,000 fans and includes administrative office area, locker rooms, restrooms and concessions, along with media and broadcasting facilities. The Players Development Complex, located adjacent to the ballpark, includes a first-class venue with gym, training and rehabilitation facilities. Includes design of telecommunications system. **Certified LEED NC 2.2.** \$55 million / 100,000 sf excluding fields

Lee County Sports Complex/Hammond Stadium, Fort Myers, Florida

Extensive renovation of the Minnesota Twins' Spring training facility includes expanding seating from 8,000 to 9,300, extending concourses to a new outfield boardwalk creating a 360-degree walk around the facility and adding a party deck in right field, along with a new weight room, hydrotherapy area and dormitory for the players and staff. In addition, the concession stands, restrooms, suites and press box areas and clubhouse will be renovated and upgraded. Field dimensions will be altered to match Target Field and a major league practice field will be added, along with an adjacent agility field. Includes design of telecommunications system. \$45.6 million

North Ft. Myers Community Center, Ft. Myers, Florida

Reuse of single story recreation center with a gymnasium, locker/game/multi-purpose rooms and administrative offices. The building is used as an emergency shelter and provides emergency power for life safety code requirements. The mechanical system is run by two air cooled chillers. Includes design of Voice/data and Audio/video systems. \$4.3 million/23,000 sf

Sarasota County Technical Institute Ph 3, Sarasota, Florida

Design and construction administration services for phased school project. Scope of work includes new multi-use classroom building, industrial arts building, remodel/renovation/addition to existing building, parking lot site lighting, ball field site lighting and ancillary buildings associated with athletic fields such as: concessions, public-team toilets, dug-outs and field maintenance buildings. Scope also includes complete campus wide interconnectivity for security, telephone, intercom, associated data systems, F/A for fully operational campus wide systems. \$32 million / 198,000 sf



EDUCATION

*Edison Community College
Ft. Myers, Florida
Ft. Myers Institute of Technology
Ft. Myers, Florida*

LICENSES & REGISTRATIONS

*Journeyman Electrician, 1982
Master Electrician, 1986
Electrical Contractor, 1986
Registered Communications
Distribution Designer, 2003
Member Association of Public-
Safety Communications
Officials, 2008
Extron Certified XTP Systems
Engineer*

PROFESSIONAL AFFILIATIONS

*APCO
BICSI
Tri-County Apprenticeship
Academy, Board of Directors*



JASON HEFFELMIRE, PE, LEED AP BD+C, CxA, PMP
Associate / Director-in-Charge / Mechanical Engineer of Record

EXPERIENCE

Jason has more than 18 years of experience in engineering, contracting and project management for mechanical systems analysis, design and construction. He excels at managing project requirements and client relationships by assuring expectations are exceeded through efficient application of the latest design and construction processes. Jason is actively involved in his community as a Member of the Tampa Bay Partnership, USF Mechanical Engineering Advisory Board and in various peer groups including regional USGBC chapters and BIM focused organizations. As a regional director, Jason oversees the daily operations and business development opportunities for the TLC Tampa, Fort Myers, and recently opened New Orleans offices. *BD+C Magazine* recognized Jason in their 2014 class of "40 under 40" for his leadership in the AEC industry. Selected relevant projects include:

Salvador Dali Museum, St. Petersburg, Florida

Ultra-modern facility hosting the largest collection of Dalí's work outside of Spain, including eight masterworks, 96 oil paintings and 2,140 Dalí paintings, prints, sculptures and drawings. The first floor includes a reception center, museum store, 90-seat orientation theater, 150-seat community room, and café with indoor and outdoor seating. Administrative offices and research library are on the second floor, with exhibits on the third floor. Scope included Thermal storage life cycle study and Spider Alert Security System to protect priceless artwork. \$30 million/66,500 sf

Florida Polytechnic University, Lakeland, Florida

Science and Technology Building – Iconic two-story building provides classrooms and laboratories, a large central atrium and several outdoor assembly spaces. Signature architect design required seamless integration of building systems. \$60 million/110,000 sf

University of South Florida, St. Petersburg, Florida

University Student Center – New multi-story student union building; including administrative space, entertainment areas, ballroom, associated meeting rooms, student lounge, dining services, game room, outside verandas and basketball courts, as well as a six-story residence hall tower housing 196 students in two-person bedrooms. 15 solar panels for domestic hot water. Registered for LEED NC 2.2, pursuing Silver. \$17.5 million/60,000 sf

Highland Recreation Center, City of Largo, Florida

New recreation center featuring an indoor running track, three-story indoor playground, "ExerPlay! Room" (digital/interactive fitness games), aerobics, weight training, cardio, multipurpose and office spaces. Designed to be Certified LEED NC 2.2. *AIA Florida's 2012 AIA Florida/Caribbean Honor & Design Awards - Merit Award for Unbuilt Work*. \$8.5 million/40,000 sf

Lee County Sports Complex/Hammond Stadium, Fort Myers, Florida

Extensive renovation of the Minnesota Twins' Spring training facility includes expanding seating from 8,000 to 9,300, extending concourses to a new outfield boardwalk creating a 360-degree walk around the facility and adding a party deck in right field, along with a new weight room, hydrotherapy area and dormitory for the players and staff. In addition, the concession stands, restrooms, suites and press box areas and clubhouse will be renovated and upgraded. Field dimensions will be altered to match Target Field and a major league practice field will be added, along with an adjacent agility field. \$45.6 million



EDUCATION

University of South Florida
B.S., Mechanical Engineering
2000

University of Tampa
Masters in Business Administration
2009

**PROFESSIONAL
REGISTRATION**

NCEES Record 36685
Florida 64618

Florida Mechanical Contractor
CMC1249422

Florida Plumbing Contractor
CFC1428183

**PROFESSIONAL
CERTIFICATIONS**

LEED AP BD+C 10016462
CxA 1210-748
PMP 1526263

**PROFESSIONAL
AFFILIATIONS**

USGBC, Florida Gulf Coast
BIM Forum, Designers Sub-Forum
University of Tampa, Board of
Fellows
University of South Florida, ME
Advisory Board
University of South Florida, Alumni
Association Life Member

PREVIOUS FIRMS

AMI Design 2004 – 2010
URS Corporation 2000 - 2004
Honeywell International 1999
Aircor Mech. Contractor 1995 - 1999

EXPERIENCE

Gerry has almost 40 years of project experience and expertise in electrical engineering design. As a senior engineer, his responsibilities include system analysis, preliminary design through final working drawings, specifications of electrical systems and quality control. Gerry has served as engineer-of-record and lead engineer on a variety of projects including public facilities, health care, criminal justice, hotels, commercial and office buildings. Selected relevant projects include:

Salvador Dali Museum, St. Petersburg, Florida

Ultra-modern facility hosting the largest collection of Dalí's work outside of Spain, including eight masterworks, 96 oil paintings and 2,140 Dalí paintings, prints, sculptures and drawings. The first floor includes a reception center, museum store, 90-seat orientation theater, 150-seat community room, and café with indoor and outdoor seating. Administrative offices and research library are on the second floor, with exhibits on the third floor. Scope included Thermal storage life cycle study and Spider Alert Security System to protect priceless artwork. \$30 million/66,500 sf

St. Petersburg Museum of Fine Arts, St. Petersburg, Florida

Expansion of the main galleries and associated spaces. Addition of two new wings that include new galleries for traveling exhibits and café dining, lecture halls and art exhibit space. \$7.7 million/22,720 sf

University of South Florida, St. Petersburg, Florida

University Student Center – New multi-story student union building; including administrative space, entertainment areas, ballroom, associated meeting rooms, student lounge, dining services, game room, outside verandas and basketball courts, as well as a six-story residence hall tower housing 196 students in two-person bedrooms. 15 solar panels for domestic hot water. Registered for LEED NC 2.2, pursuing Silver. \$17.5 million/60,000 sf

Curtis Hixon Waterfront Park, Tampa, Florida

New park on the Hillsborough River including site infrastructure for existing and future buildings including the Tampa Museum of Art, a pavilion, a restroom and a restaurant. Assisted in the power design and lighting specifications and coordination for two in-ground fountains. \$15.7 million

Dunedin Community Center, Dunedin, Florida

Facility to accommodate theater and dance productions, banquets, indoor sports functions, dance, weight training and exercise classes along with flexible classroom and craft spaces, game room, pre-school space, satellite/branch library and administrative offices for Dunedin Leisure Services Department. Exterior athletic and recreational activities, ball courts and fields and green space for music festivals and art fairs, playground. **Certified LEED NC 2.1 Silver.** \$9 million/54,000 sf

Florida Polytechnic University, Lakeland, Florida

Science and Technology Building – Iconic two-story building provides classrooms and laboratories, a large central atrium and several outdoor assembly spaces. Signature architect design required seamless integration of building systems. \$60 million/110,000 sf



EDUCATION

*University of South Florida
B.S. Electrical Engineering,
1991*

PROFESSIONAL REGISTRATION

Florida 42527

PROFESSIONAL AFFILIATIONS

*Institute of Electrical and
Electronic Engineers – Power
Engineering Society*

PREVIOUS FIRMS

*IC Thomasson 1999-2001
HOK 1993- 1999
Emtec Corp 1991 - 1993*

JEFFREY J. STASH, LEED AP, ARCSA AP
Associate/Plumbing and Fire Protection Project Manager

EXPERIENCE

Jeff is a Project Manager and Plumbing and Fire Protection Specialist with over 20 years experience. Jeff specializes in plumbing and fire protection systems with a focus on projects with predefined energy budgets by designing systems that use renewable energy sources, such as domestic solar hot water and rainwater retention for conveyance and irrigation. Jeff is fluent in the International Building code, Plumbing code, Fire Prevention and NFPA (1-100) and utilizes his knowledge to design engineering solutions in AutoCAD-MEP and Revit. Jeff is a member of the American Society of Plumbing Engineers and an American Rainwater Catchment Systems Association Accredited Professional. Relevant project experience includes:

Signature Place, St. Petersburg, Florida

Mixed-use development of city block with the following components: shell retail (15,000 sf), shell office (40,000 sf), five-level parking garage (560 spaces), 34 story residential (429,000 sf) with business office, health club and media room, lofts/townhomes (at street level). Includes amenities deck with pool & garden above five parking levels; 16 residential units over ground floor retail spaces – East liner building; 24 residential units over ground floor retail spaces and three floors of office space; cooling/heating plant concealed on tower roof. This development has the tallest water feature at 60 ft. \$80 million including estimated \$1.8 million in retail space.

Frances Archbold Hufty Learning Center & Adrian Archbold Lodge, Venus, Florida

Designed to achieve LEED Platinum and tracking for net zero energy and minimal potable water consumption, the two facilities, totaling 10,500 sf, can accommodate up to 40 researchers and visitors overnight while providing classrooms, meeting rooms and educational exhibit/interpretive display areas. 100% of rainwater is captured, stored in an underground cistern and treated prior to use for sewage conveyance. Solar thermal water heating provided a 5.3% energy use reduction. **Certified LEED NC 2.2 Platinum.** \$2.8 million/10,500 sf

Six-Mile Cypress Slough Preserve Interpretive Center, Ft Myers, Florida

Rainwater is collected from the roof of this 11,000 sf living classroom, stored in a cistern, then used for sewage conveyance and irrigation of the native landscaping. The 3,200 gallon cistern saves 26,428 gallons per year based on a recent review. Certified as LEED Silver, the facility includes an 80-gallon solar water heating storage tank which provides for 100% of the demand. Energy saving strategies resulted in a 25% reduction against a baseline building, which was the first facility in Lee and Collier Counties to achieve LEED certification. The \$2 million facility features many sustainability strategies that assist in educational goals. **Certified LEED NC 2.2 Silver.**

The Phillip Merrill Center (Chesapeake Bay Foundation) Annapolis, Maryland

A landmark LEED Platinum-certified building of 30,600 sf. The center captures and reuses rainwater via a bioretention filter to treat oil and other pollutants in runoff from the pervious parking area. The center employs composting toilets, which when combined with other water-efficient appliances and native landscaping, results in a 90+% reduction in water use over an otherwise comparable conventional office building. Wood cisterns capture/retain rainwater for fire protection. Potable water use per occupant: 275 gal/person/yr.



EDUCATION

Northern Virginia College, 1990-1993
Maryland Drafting Institute, 1994

PROFESSIONAL AFFILIATIONS

ASPE

USGBC

ARCSA AP

American Rainwater Collection Systems Association Accredited Professional

Florida Master Plumber

PREVIOUS FIRMS

Syska Hennessey 1995-2001
The Smith Group 1992-1995

EXPERIENCE

David joined TLC with 7+ years of experience in managing the design, coordination and construction administration of medium and large scale building structures. He is well versed in the use of Building Information Modeling (BIM) and understands the value of coordinating structural design with mechanical and architectural systems to improve design and project delivery. David has a successful track record of executing a broad range of project types including commercial, educational, hospitality and sports/recreation. Selected relevant projects include:

Amador Convention Center, Panama City, Panama

New seafront complex on four parcels with banquet hall, restaurants, kitchen, 1,500-seat performing arts theatre, grand plaza, exhibit hall and conference facilities, outdoor amphitheatre, parking garage and fountains. The two level parking garage is designed for 344 spaces with another 1,500 spaces on the vicinity. Design services include telecommunications infrastructure design, voice/data distribution, audio/visual and security. \$188 million / 500,000 sf

Baha Mar Resort, Nassau, Bahamas

Structural engineering design for the resort's 200,000 sf. convention center complex. Convention center consisted of a vast open spaced structure with a 175 foot clear span area with 12 foot deep structural steel trusses. (Personal Experience)

Science and Technology Building, Florida Polytechnic University (formerly University of South Florida, Lakeland Campus), Lakeland, Florida

This 110,000 square foot, \$60 million, two-story building provides classrooms and laboratories, a large central atrium and several outdoor assembly spaces. Signature architect design required seamless integration of building systems. (Personal Experience)

Mina Zayed Waterfront Development, Abu Dhabi, UAE

The \$1.38 billion, iconic Mina Zayed Waterfront Development will be located on a 150-acre site on the Mina Zayed pier overlooking the Arabian Gulf with views of Abu Dhabi skyline. It will contain 780 guest rooms, 569 residences, and four distinct spa and wellness facilities covering 328,100 square feet. Designed through 100% DD's. (Personal Experience)

Barclay Center, NBA Brooklyn Nets Arena, Brooklyn, New York

This \$650 million, design-build project features 18,103 seats, 101 suites, and ice floor for hockey, and other events. The steel superstructure consists of two levels of concourses and two levels of suites. The project is design to achieve LEED Certification. (Personal Experience)



EDUCATION

Rutgers University, School of Engineering
B.S., Civil Engineering
2005

PROFESSIONAL AFFILIATIONS

ACE Mentorship Program
AISC
Florida Structural Engineers Association Young Member - Vice Chair
SAME

PROFESSIONAL REGISTRATION

Florida #74504
Louisiana # PE.0038282
Mississippi # 21411
South Carolina # 30902
Alabama # 33767
New Jersey # 24GE04867400

PREVIOUS FIRMS

Core States Group 2011-2013
Thornton Tomasetti, Inc 2006 -2011
NK Architects / Structure Studio
2005-2006

Chris A. Christoforou, P.E., LEED AP BD+C

Principal

Education

- ▶ M.S., Structural Engineering, 1986, Rutgers University, Piscataway, NJ
- ▶ B.S., Civil Engineering, 1983, Rutgers University, Piscataway, NJ

Registrations

- ▶ Licensed Professional Engineer in New Jersey, New York, Florida, Pennsylvania, Kentucky
- ▶ LEED Accredited Professional, U.S. Green Building Council

Professional Activities

- ▶ Member, American Concrete Industry (ACI)
- ▶ Member, American Society of Civil Engineers (ASCE)
- ▶ Member, Structural Engineers Association of New York (SEAoNY)

Professional Papers, Lectures, and Publications

- ▶ "The Newark Arena," Structure Magazine, February 2007, Co-Author.
- ▶ "Power Shift," Civil Engineering, December 2004, Co-Author.
- ▶ "Long-Span Design for Seismic Forces – A Case Study of the Anaheim Arena," ASCE Structures Congress XI Seminar, April 20, 1993, Co-Author.

Mr. Christoforou joined the firm in 1985 and has more than 25 years of engineering experience in a wide variety of building types and sizes. His experience includes the design and construction of high-rise commercial and residential concrete and steel structures, long-span and open-air sports and entertainment facilities, healthcare and transportation structures. His responsibilities have included design and management of fast-track projects and large complex projects using various systems and materials and budget management.

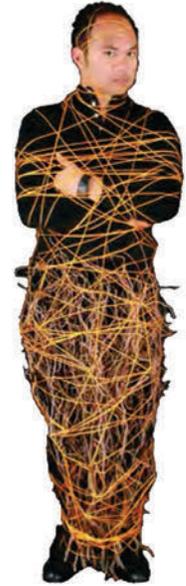
Representative Project Experience

- **Florida Polytechnic University, Innovation, Science and Technology Building**, Lakeland, FL. Structural design of a new 124,000-square-foot two-story academic facility providing arts, engineering, sciences, business and information technology departments. A prominent glass and steel cupola with a mechanized moving steel feature encloses the upper level common area. A steel-framed pergola structure provides cover above the exterior terrace on the second level.
- **Resorts World Miami**, Miami, FL. Structural design services through concept design phase for a 10-million-square-foot mixed-use development. Scope includes 3.5 million square feet of retail and entertainment space with meeting facilities on an eight-level podium, three million square feet of hotel space in four towers, and 1.7 million square feet of residential condominiums in two towers over a three-story, 1.9-million-square-foot basement and a 3.6-acre rooftop lagoon.
- **Parkway Corporation Parking Garage**, Jacksonville, FL. Design of a 1,500-car garage consisting of eight supported levels and one on-grade level.
- **10 Hudson Yards**, New York, NY. Structural design of a 61-story office tower with a 180-foot mechanical penthouse. The tower is part of a mixed-use development on a site encompassing six city blocks. Four of the blocks are over active rail yards that will remain operational during construction. The project is the first major concrete high-rise office building in New York City. The building is designed to meet LEED Gold certification.
- **731 Lexington Avenue**, New York, NY. Structural design of an award-winning 54-story, 815-foot mixed-use development for Bloomberg L.P.'s new headquarters. The concrete residential tower is built on top of a steel office and retail podium. It encompasses one full city block and features one tower with slender lateral system and a tuned mass damper, and another low-rise tower; both are separated by a unique seven-story atrium.

- **Baha Mar Resort**, Nassau, BHS. Structural design of a new 3.3-million-square-foot world-class resort development on a 600-acre beach-front property. The development includes four associated but separately branded hotels, a casino, spa, restaurants, retail and entertainment village, timeshare apartments, a convention center and ballroom.
- **Kamal Mixed-Use Development**, Doha, QAT. Structural design of a 223,000-square-meter mixed-use development that includes offices, commercial retail spaces, apartments and hotel rooms. The 79-story building has a large 33-story opening on the top half of the building and a five-story podium with seven below grade levels for additional retail space and a parking garage. The supertall tower features a slender body with varying curves that slope in two directions.
- **Liberty National Clubhouse**, Jersey City, NJ. Structural design services for a 55,000-square-foot clubhouse built on a remedied brownfield site on a fast-track schedule. The four-story steel-framed building has two partially below-grade levels founded on concrete filled steel pipe piles. The structure has a curved roof with 24-foot cantilevers, a 30-foot ceiling entrance and sloped curtain walls.
- **Tony Galento Plaza**, Orange, NJ. Structural engineering services for a mixed-use complex comprised of two, six-story residential buildings with commercial space on the ground floor and structured parking in the basement levels.
- **EDGE**, Brooklyn, NY. Structural design of a mixed-use development complex consisting of four buildings. The LEED-Gold development includes a 30-story and 16-story market-rate condominium towers constructed with flat-plate concrete, and two eight-story masonry and precast rental buildings. The project scope included ground floor retail space, below-grade parking and an open promenade that leads to a marina, which is open to the public.
- **Rogers Place**, Edmonton, CAN. Structural engineering services for a new multiuse indoor arena that will be used for ice hockey and other indoor sports, as well as music concerts. The arena will have a capacity of 18,500 spectators and will replace Rexall Place as the home of the NHL's Edmonton Oilers.
- **Prudential Center**, Newark, NJ. Structural design of an award-winning 850,000-square-foot, 17,625-seat sports arena, the home of the NHL New Jersey Devils hockey team. The facility features a long-span roof with more than 200,000 pounds of rigging capacity, 76 luxury suites and two large concourse levels.
- **The Petronas Twin Towers**, Kuala Lumpur, MYS. Structural design of a 3.3-million-square-foot mixed-use complex that includes two 88-story, 452-meter towers. The project includes seven stories of retail space, a floating acoustically isolated concert hall and four levels of underground parking for 5,143 cars. A steel sky bridge links the two towers at the 41st and 42nd floors and spans 192 feet along centerline from tower to tower.

BIO

JEFŘĚ acquired a Bachelor of Science Degree in Landscape Architecture from Ohio State University, subsequent to attending the Art Institute of Chicago for Fine Arts. As a designer and public artist, JEFŘĚ provides design solutions that originate from fully understanding historical, environmental, social and contextual relationships influencing the site and architecture. His mission is to raise the public perception of landscape as a civic artform. JEFŘĚ was named one of seven "Faces of Design for 2007" by Florida InsideOut architecture magazine for his environmental art and couture landscapes. The magazine selected Manuel specifically for his role in developing the first operational residential green roof in Florida, site specific installations at University of Central Florida, and preservation and adaptive re-use of Jacksonville industrial piers into public parks. JEFŘĚ was also the recipient of the Orlando American Institute of Architects Award of Merit. JEFŘĚ completed a summer unit at the prestigious Architecture Association in London focused on Landscape Urbanism and Morpho Ecologies. After ten years of work experience at notable international firms such as Skidmore Owings and Merrill, Edward D. Stone and Associates and Glatting Jackson, JEFŘĚ launched his own couture landscape and public art studio in 2008 with a focus on environmental art, green roofs, boutique plazas and parks and public art master plans. In 2008, JEFŘĚ was selected by the prestigious Marlborough Gallery in NY as an Up and Coming International Public Artist and chosen by the Lexus Corporation to be the sixth member of their ECO Hybrid Living National Design Team to design environmental conscious carbon neutral environments. Studio JEFŘĚ is based at the City Arts Factory in Orlando has worked with new projects in London, Rome, Sarasota, Miami, New Orleans, Philadelphia, Australia, Abu Dhabi, and Iceland.



EDUCATION

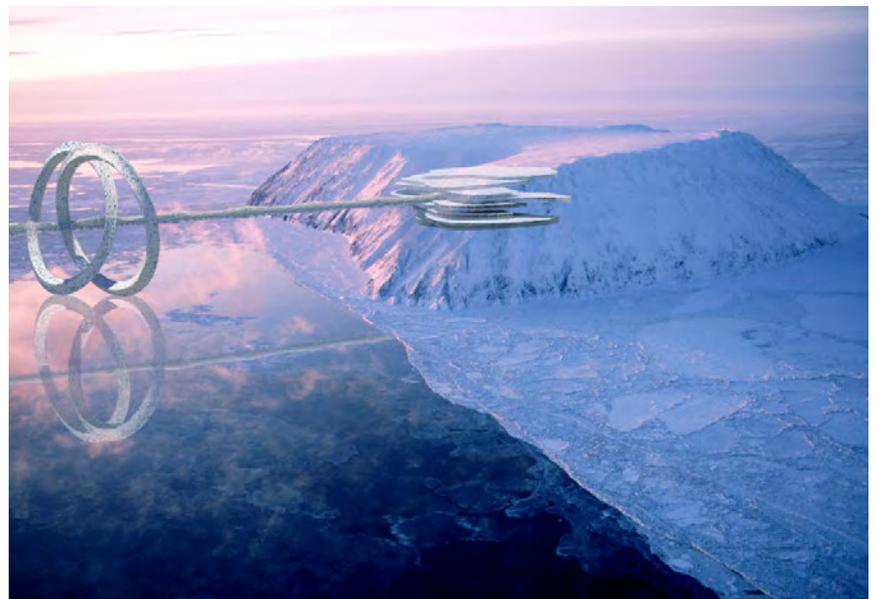
Art Institute of Chicago, Fine Arts 1990
 Ohio State University, B.S. in Landscape Architecture 1994
 Architecture Association London, Morpho Ecologies Unit 2007

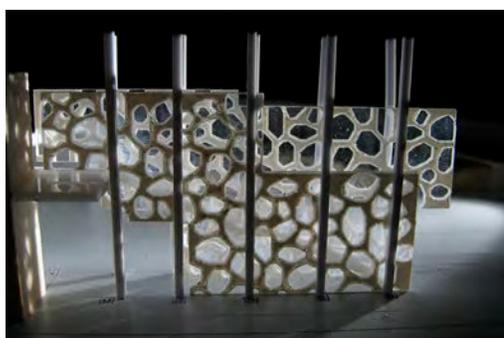
PROFESSIONAL MEMBERSHIPS

American Institute of Architects
 American Society of Landscape Architects
 International Sculpture Center
 International Emerging Public Artist - Marlborough Gallery New York

EXPERIENCE

Skidmore Owings & Merrill, Chicago, 1993 - 1995
 Edward Durrall Stone and Associates, Fort Lauderdale Florida, 1995 - 1997
 Glatting Jackson Kercher Anglin Lopez Rinehart, Orlando Florida, 1997 - 2007
 STUDIO JEFŘĚ [Founder + Principal], Orlando, Florida, 2008 - Present





INTERNATIONAL COMPETITIONS • Pinellas County Art in Public Places | Florida Botanical Gardens | 1st Place | Largo, Florida • Palm Beach County Art in Public Places | Fallen Fire Fighter Memorial Park | 1st Place | West Palm Beach, Florida • Utah Arts Council | Utah Department of Health State Laboratories | Finalist | Park City, Utah • Edmonton Arts Council | South Transit Facility | Finalist | Edmonton, Alberta, Canada • **Arts Council of New Orleans | St. Roch Neutral Grounds | 1st Place | New Orleans, Louisiana** • Richmond Public Art Commission | RIZE Centro Place | Finalist | Richmond, British Columbia, Canada • Nils Schweizer Fellows CFM | Round Building Reuse: 360 | Honorable Mention Site | Orlando, Florida • Minnesota Arts Board | CCLRT Public Art Transit Stations | Finalist | Minneapolis, Minnesota • **Arts Commission of Greater Toledo | Toledo Walleyes Sports Arena | 1st Place | Toledo, Ohio** • DC Commission on the Arts and Humanities | Farragut North Metro Station | 1st Place | Washington DC • Orange County Public Art Program | Barnett Park Recreation Center | Current Finalist | Orlando, Florida • City of Cleveland Public Art Program | Kirtland Park Pump Station | Current Finalist | Cleveland, Ohio • Kansas City Area Transportation Authority | Art In Transit | Current Finalist | Kansas City, Missouri • Philadelphia Gateways | Mural Arts Program | Current Finalist | West Philadelphia, Pennsylvania • Virginia Public Safety Officer's Memorial | Current Finalist | Richmond, Virginia

TEMPORARY INSTALLATIONS • Elle Magazine | Cointropolitan Garden Lounge | Miami, Florida • Lexus Corporation | Hybrid Living Garden | Art Basel | Miami, Florida • Pangea Organics | Earth Day | New York, New York • Environmental Media Association Awards Show | Lexus Hybrid Living Garden | Los Angeles, California • Arts Council New Orleans | Marque d'eua | New Orleans, Louisiana • Casa Décor | Sculpture Garden | Miami Florida

COUTURE PROJECTS • Sabo Residence | Landscape Folds | Winter Park, Florida • Boca Developers | Biscayne Landing | Miami Beach, Florida • Scott Robins Company | 17th Street Project | Miami, Florida • Teppan-YZaki Restaurant | Origami Folds | Navarre, Florida • GWiz Science Museum | Kretzmer Garden | Sarasota, Florida • Fairmont Hotel | Lexus Hybrid Living Suite Living Vases | Washington DC • Best Friends Pet Resort & Salon | Walt Disney World Pet Hotel | Lake Buena Vista, Florida • Ustler Development Inc. | 800 North Orange | Orlando, Florida • City of Orlando | City Hall Green Balcony & Roof | Orlando, Florida • City of Orlando/ Magic | Event Center Plaza | Orlando, Florida • Charles Hosmer Morse Museum | Tiffany Sculpture Garden | Winter Park, Florida • McDonalds Corporation | Green | Chicago, Illinois

AWARDS & PUBLICATIONS • 2008 Florida Faces of Design • Lexus Hybrid Living Design Team Member • 2008 AIA Designer Award of Merit • Orlando Emerging Designers • Elle Magazine • Florida Inside Out • Dwell • House and Garden • Miami Herald • Miami Home and Design • Orlando Style Magazine • Art Basel | Miami • Orlando Sentinel • Times – Picayune

CLIENTS | PARTNERSHIPS • Baker Barrios Architects • Arquitectonica • Lewis Tsurumaki Lewis Architects • Alfonso Architects • Santiago Calatrava Architects • Rhodes + Brito Architects • Hunton Brady Architects • What's Up Architects UK • Mateu Architects • FRCH Architects • HOK Sports • RLF Architects • Articulate Design • Glatting Jackson • Landscape Design



DOCUMENTS

ARC3

FL Architecture License
Insurance

HKA

FL Landscape Architecture License
Small Business certificate

ALI

Article of Incorporation
FL Civil Engineer License
Small Business confirmation letter
Insurance

TT

FL Structural Engineer License
Insurance

TLC

FL P.E. Licenses



STATE OF FLORIDA

DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

BOARD OF ARCHITECTURE & INTERIOR DESIGN
1940 NORTH MONROE STREET
TALLAHASSEE FL 32399-0783

(850) 487-1395

ARC 3 ARCHITECTURE, INC
6671 13TH AVENUE NORTH
SUITE 1C
ST. PETERSBURG FL 33710

Congratulations! With this license you become one of the nearly one million Floridians licensed by the Department of Business and Professional Regulation.

Every day we work to improve the way we do business in order to serve you better. For information about our services, please log onto www.myfloridalicense.com.

Our mission at the Department is: License Efficiently, Regulate Fairly. We constantly strive to serve you better so that you can serve your customers.

License card for ARCHITECT CORPORATION, ARC 3 ARCHITECTURE, INC. License number AA26000510, expires FEB 28, 2015. Includes AC# 709001 and SEQ# L12121900787.

DETACH HERE

THIS DOCUMENT HAS A COLORED BACKGROUND • MICROPRINTING • LINEMARK™ PATENTED PAPER

AC# 709001

STATE OF FLORIDA

DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
BOARD OF ARCHITECTURE & INTERIOR DESIGN

SEQ# L12121900787

Table with 3 columns: DATE, BATCH NUMBER, LICENSE NBR. Row 1: 12/19/2012, 120247300, AA26000510

The ARCHITECT CORPORATION Named below IS CERTIFIED Under the provisions of Chapter 481 FS. Expiration date: FEB 28, 2015

ARC 3 ARCHITECTURE, INC
6671 13TH AVENUE NORTH
SUITE 1C
ST. PETERSBURG FL 33710

RICK SCOTT GOVERNOR

KEN LAWSON SECRETARY

DISPLAY AS REQUIRED BY LAW



STATE OF FLORIDA

DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

BOARD OF ARCHITECTURE & INTERIOR DESIGN
1940 NORTH MONROE STREET
TALLAHASSEE FL 32399-0783

(850) 487-1395

VINCI, STEVEN J
6671 13TH AVENUE NORTH
SUITE 1C
ST. PETERSBURG FL 33710

Congratulations! With this license you become one of the nearly one million Floridians licensed by the Department of Business and Professional Regulation.

Every day we work to improve the way we do business in order to serve you better. For information about our services, please log onto www.myfloridalicense.com.

Our mission at the Department is: License Efficiently, Regulate Fairly. We constantly strive to serve you better so that you can serve your customers.

License card for Steven J Vinci, Architect, AC# 707670, AR0017036, expires 12/18/12. Includes seal of the State of Florida and text: IS LICENSED under the provisions of Ch.481 FS. Expiration date: FEB 28, 2015 L12121800953

DETACH HERE

THIS DOCUMENT HAS A COLORED BACKGROUND • MICROPRINTING • LINEMARK™ PATENTED PAPER

AC# 707670

STATE OF FLORIDA

DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
BOARD OF ARCHITECTURE & INTERIOR DESIGN

SEQ# L12121800953

Table with 3 columns: DATE, BATCH NUMBER, LICENSE NBR. Row 1: 12/18/2012, 120247737, AR0017036

The ARCHITECT Named below IS LICENSED Under the provisions of Chapter 481 FS. Expiration date: FEB 28, 2015

VINCI, STEVEN J
6671 13TH AVENUE NORTH
SUITE 1C
ST. PETERSBURG FL 33710

RICK SCOTT GOVERNOR

KEN LAWSON SECRETARY

DISPLAY AS REQUIRED BY LAW



**STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION**

**BOARD OF LANDSCAPE ARCHITECTURE
1940 NORTH MONROE STREET
TALLAHASSEE FL 32399-0783**

(850) 487-1395

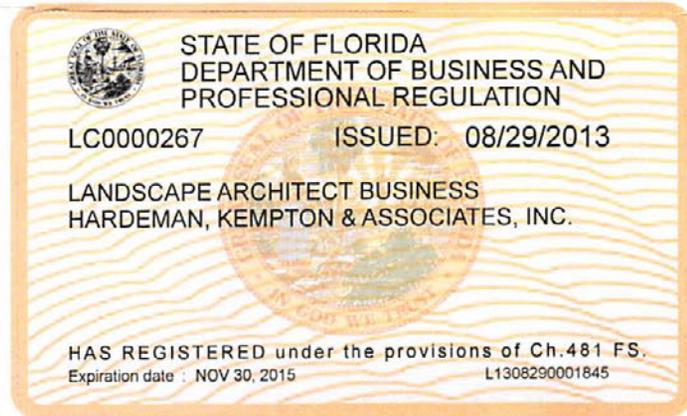
HARDEMAN, KEMPTON & ASSOCIATES, INC.
P. O. BOX 1980
SEFFNER FL 33583

RECEIVED SEP 09 2013

Congratulations! With this license you become one of the nearly one million Floridians licensed by the Department of Business and Professional Regulation. Our professionals and businesses range from architects to yacht brokers, from boxers to barbeque restaurants, and they keep Florida's economy strong.

Every day we work to improve the way we do business in order to serve you better. For information about our services, please log onto www.myfloridalicense.com. There you can find more information about our divisions and the regulations that impact you, subscribe to department newsletters and learn more about the Department's initiatives.

Our mission at the Department is: License Efficiently, Regulate Fairly. We constantly strive to serve you better so that you can serve your customers. Thank you for doing business in Florida, and congratulations on your new license!



STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

LC0000267 ISSUED: 08/29/2013

LANDSCAPE ARCHITECT BUSINESS
HARDEMAN, KEMPTON & ASSOCIATES, INC.

HAS REGISTERED under the provisions of Ch.481 FS.
Expiration date : NOV 30, 2015 L1308290001845



The Department of State is leading the commemoration of Florida's 500th anniversary in 2013. For more information, please go to www.VivaFlorida.org.

DETACH HERE

**STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
BOARD OF LANDSCAPE ARCHITECTURE**

LICENSE NUMBER
LC0000267

The LANDSCAPE ARCHITECT BUSINESS
Named below HAS REGISTERED
Under the provisions of Chapter 481 FS.
Expiration date: NOV 30, 2015

HARDEMAN, KEMPTON & ASSOCIATES, INC.
P. O. BOX 1980
SEFFNER FL 33583



RICK SCOTT
GOVERNOR

ISSUED: 08/29/2013 SEQ# L1308290001845
DISPLAY AS REQUIRED BY LAW

KEN LAWSON
SECRETARY



THE CITY OF ST. PETERSBURG SMALL BUSINESS ENTERPRISE CERTIFICATION

This certificate is awarded to

Hardeman Kempton & Associates, Incorporated

Federal Identification Number: 59-3213809

SBE Certification Number: 0811-9170

Certification is Applicable in:

Landscape Architecture and Civil Engineering

Re-Certified: April 22, 2014

Expires: April 22, 2016


Signature

Signature

Claude S. Williams,
Economic Development Coordinator
The Greenhouse

April 22, 2014

Date



In accordance with the City of St. Petersburg's Small Business Enterprise Ordinance #789-G, your business is certified as a Small Business Enterprise by the City of St. Petersburg. You will need to show proof of your new Occupational License each year, as well as, renew your certification with this agency every two years in order to maintain your certification with the City of St. Petersburg. However, if at anytime the composition of the SBE status of your firm changes you need to complete another SBE affidavit. The City of St. Petersburg Government reserves the right to terminate or cancel this certification at anytime when it is found that the composition of the Organization has changed and no longer meets the definition established for SBE certification.

State of Florida

Department of State

I certify from the records of this office that ANDERSON LANE, INC. is a corporation organized under the laws of the State of Florida, filed on December 16, 2008.

The document number of this corporation is P08000109060.

I further certify that said corporation has paid all fees due this office through December 31, 2014, that its most recent annual report/uniform business report was filed on January 10, 2014, and its status is active.

I further certify that said corporation has not filed Articles of Dissolution.

*Given under my hand and the
Great Seal of the State of Florida
at Tallahassee, the Capital, this
the Tenth day of January, 2014*



Ken DeFoner
Secretary of State

Authentication ID: CC3761844979

To authenticate this certificate, visit the following site, enter this ID, and then follow the instructions displayed.

<https://efile.sunbiz.org/certauthver.html>

State of Florida

Board of Professional Engineers

Attests that

Anderson Lane, 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.

Expiration: 2/28/2015

Audit No: 228201500986

CA Lic. No:
28392

Certificate of Authorization

State of Florida

Board of Professional Engineers

Attests that

Cole Y. Lane, P.E.



Is licensed as a Professional Engineer under Chapter 471, Florida Statutes

Expiration: 2/28/2015

Audit No: 228201510089

P.E. Lic. No:

57515

June 13, 2014

Anderson Lane, Inc., President
Ronald W. Anderson & Cole Y. Lane
2750 North McMullen Booth Road, Suite 104
Clearwater, FL 33761

Re: Pinellas County Small Business Enterprise (SBE) Program Certification

Dear Ronald Anderson and Cole Lane,

Congratulations! We are pleased to inform you that your company has met the eligibility requirements for Pinellas County's Small Business Enterprise (SBE) Program. **Your certification will be effective for a three (3) year period, beginning, June 13, 2014 through June 13, 2017.** In order to participate in the opportunities available through the SBE Program, it is important to keep all contact information up-to-date. Prior to your expiration date you will be notified by email of your need to re-certify and to maintain eligibility in the SBE Program.

Please be informed that the Purchasing Department for the Pinellas County Board of County Commissioners uses DemandStar.com to publish its' government opportunities. **You must register a vendor profile to receive formal bids and Request for Proposal (RFP) notifications.** You specify the types of bids you want to receive, and **Onvia DemandStar** will notify you when our agency has an opportunity that matches your business.

There are Three Easy Steps to Doing Business with Pinellas County:

- Step #1:** View the [commodity listing](#) before registering and **APPLY HERE! [VENDOR REGISTRATION](#)**
- Step #2:** Be alert and responsive to new business opportunities. Vendors are placed on appropriate commodity and service bid lists to assure timely notification of opportunities.
- Step #3:** For assistance, contact Onvia DemandStar at 1-800-331-5337 or Pinellas County Purchasing at (727) 464-3311. You can also find Frequently Asked Questions at [DemandStar FAQ's](#) .

In an effort to assist you in maintaining and growing your business, the Small Business Development Center (SBDC) has expanded its programs to include one-on-one counseling, training and development seminars, technical assistance for financial resources, and a host of other business services. These additional resources and services can be accessed on-line through an electronic request for counseling form on the web at <https://clients.floridasbdc.org/reg.aspx?mode=counsel¢er=41650&subloc=0>

To learn more about other business retention tools and incentives visit us on the web at: www.pced.org or if you have any questions, please do not hesitate to call the Small Business Development Center at Pinellas County Economic Development at 727-453-7200.

Thank you,

Dr. Cynthia Johnson

Dr. Cynthia Johnson, Center Director
Small Business Development Center & Business Assistance Division

State of Florida



Florida Board of Professional Engineers

Whereas CHRIS CHRISTOFOROU *has shown*
competency and fitness to practice Professional Engineering and has complied with all requirements
of the Board of Professional Engineers; therefore by virtue of the Powers vested in said Board by
the State of Florida, The Florida Board of Professional Engineers hereby issues this certificate
of licensure numbered 74192 to practice Professional Engineering in the State of Florida as
provided by the laws of the State and subject to the powers as vested in said Board.

In Testimony Whereof, Witness the signature of the Chair and Vice Chair

under the seal of the Board this 24 day of FEBRUARY, 2012.



John C. Sunde
Chair

Warren J. John
Vice Chair

State of Florida

Board of Professional Engineers

Attests that

Ashley Brian Lomel, P.E.



FBPE
FLORIDA BOARD OF
PROFESSIONAL ENGINEERS

Is licensed as a Professional Engineer under Chapter 471, Florida Statutes

Expiration: 2/28/2015

Audit No: 228201521908

P.E. Lic. No:

48488

State of Florida

Board of Professional Engineers

Attests that

Jason Michael Heffelmire, P.E.



FBPE
FLORIDA BOARD OF
PROFESSIONAL ENGINEERS

Is licensed as a Professional Engineer under Chapter 471, Florida Statutes

Expiration: 2/28/2015

Audit No: 228201528673

P.E. Lic. No:

64618

State of Florida

Board of Professional Engineers

Attests that

Gerald Anthony Crnkovich, P.E.

Is licensed as a Professional Engineer under Chapter 471, Florida Statutes

Expiration: 2/28/2015

Audit No: 228201506219

P.E. Lic. No:

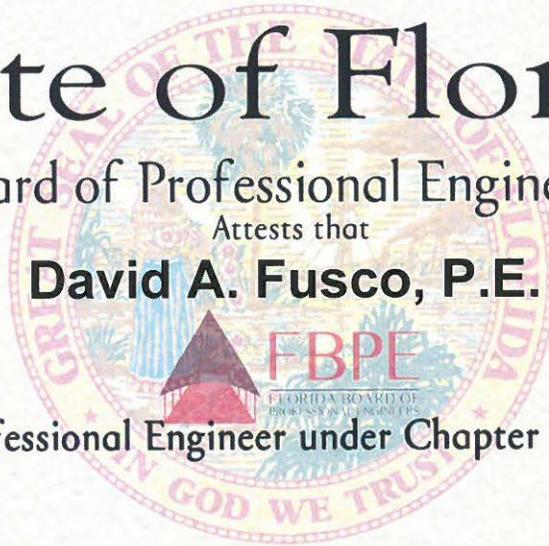
42527

State of Florida

Board of Professional Engineers

Attests that

David A. Fusco, P.E.



Is licensed as a Professional Engineer under Chapter 471, Florida Statutes

Expiration: 2/28/2015

Audit No: 228201512503

P.E. Lic. No:

74504

SF330

ARCHITECT - ENGINEER QUALIFICATIONS

PART I - CONTRACT-SPECIFIC QUALIFICATIONS

A. CONTRACT INFORMATION

1. TITLE AND LOCATION *(City and State)*

2. PUBLIC NOTICE DATE

3. SOLICITATION OR PROJECT NUMBER

B. ARCHITECT-ENGINEER POINT OF CONTACT

4. NAME AND TITLE

5. NAME OF FIRM

6. TELEPHONE NUMBER

7. FAX NUMBER

8. E-MAIL ADDRESS

C. PROPOSED TEAM

(Complete this section for the prime contractor and all key subcontractors.)

	<i>(Check)</i>			9. FIRM NAME	10. ADDRESS	11. ROLE IN THIS CONTRACT
	PRIME	J-V PARTNER	SUBCON-TRACTOR			
a.				<input type="checkbox"/> CHECK IF BRANCH OFFICE		
b.				<input type="checkbox"/> CHECK IF BRANCH OFFICE		
c.				<input type="checkbox"/> CHECK IF BRANCH OFFICE		
d.				<input type="checkbox"/> CHECK IF BRANCH OFFICE		
e.				<input type="checkbox"/> CHECK IF BRANCH OFFICE		
f.				<input type="checkbox"/> CHECK IF BRANCH OFFICE		

D. ORGANIZATIONAL CHART OF PROPOSED TEAM

(Attached)

ARCHITECT - ENGINEER QUALIFICATIONS

PART I - CONTRACT-SPECIFIC QUALIFICATIONS

C. PROPOSED TEAM (CONTINUED)

(Complete this section for the prime contractor and all key subcontractors.)

	(Check)			9. FIRM NAME	10. ADDRESS	11. ROLE IN THIS CONTRACT
	PRIME	J-V PARTNER	SUBCONTRACTOR			
g.			✓	Thornton Tomasetti <input type="checkbox"/> CHECK IF BRANCH OFFICE	744 Broad St Newark, NJ 07102	Structural Engineer
h.			✓	Jefre Studios <input type="checkbox"/> CHECK IF BRANCH OFFICE	29 South Orange Avenue Orlando, FL 32827	Landscape Artist
i.				<input type="checkbox"/> CHECK IF BRANCH OFFICE		
j.				<input type="checkbox"/> CHECK IF BRANCH OFFICE		
k.				<input type="checkbox"/> CHECK IF BRANCH OFFICE		
l.				<input type="checkbox"/> CHECK IF BRANCH OFFICE		

D. ORGANIZATIONAL CHART OF PROPOSED TEAM

(Attached)

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
15. FIRM NAME AND LOCATION <i>(City and State)</i>			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i>		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i>	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i>			

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
a.	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input type="checkbox"/> Check if project performed with current firm	
	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
b.	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input type="checkbox"/> Check if project performed with current firm	
	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
c.	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input type="checkbox"/> Check if project performed with current firm	
	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
d.	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input type="checkbox"/> Check if project performed with current firm	
	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
e.	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input type="checkbox"/> Check if project performed with current firm	

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Eddie A. Mastalerz	13. ROLE IN THIS CONTRACT TBD	14. YEARS EXPERIENCE	
		a. TOTAL 18	b. WITH CURRENT FIRM 12
15. FIRM NAME AND LOCATION <i>(City and State)</i> ARC3 Architecture, Inc., St. Petersburg, Florida			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Master of Architecture, University of Florida Bachelor of Design, University of Florida		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i>	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i>			

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
a.	Pinellas County Public Safety Complex Largo, FL	2007-2009	N/A
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE New 250,000 SF Building with a Hardened Structure for the PC Sheriff, 911, EOC, EMS, Fleet Maintenance, etc. \$81.4 million budget Project Leader		<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	250 Piedmont Apartment Conversion Atlanta, GA	2014	2015
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Conversion of a 1970's office building into 328 apartments including amenities, a new pool deck and a new bridge connection to the adjacent Hilton Hotel in downtown Atlanta. \$38-million construction budget Project Leader		<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	Martin County Public Safety Complex Stuart, FL	2006	2007
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE New 71,000 SF Building Hardened Structure with Emergency Operations Center. \$13 million budget Project Leader		<input checked="" type="checkbox"/> Check if project performed with current firm	
d.	Pinellas County Jail Master Planning and Criteria Clearwater, FL	2013	Est. 2016
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Master planning and criteria design for the existing jail complex including a new cogeneration plant, kitchen facility, laundry facility and housing. \$78-million construction budget Project Leader		<input checked="" type="checkbox"/> Check if project performed with current firm	
e.	University of Tampa – Kennedy Place Tampa, FL	2005	2006
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE A new 11-story, 57,000 sq. ft. high rise dormitory containing 181 dorm suites located in downtown Tampa \$15.3 million construction cost Project Leader		<input checked="" type="checkbox"/> Check if project performed with current firm	

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Robert L. Blatter Jr., AIA LEED BD+C	13. ROLE IN THIS CONTRACT TBD	14. YEARS EXPERIENCE	
		a. TOTAL 18	b. WITH CURRENT FIRM 8

15. FIRM NAME AND LOCATION <i>(City and State)</i> ARC3 Architecture, Inc., St. Petersburg, Florida

16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Master of Architecture, University of Florida Bachelor of Design, University of Florida	17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> Florida (Architecture) Florida (Interior Design)
--	--

18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> American Institute of Architects (AIA) US Green Building Council (USGBC)

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
a. 250 Piedmont Apartment Conversion Atlanta, GA	2014	2015
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Conversion of a 1970's office building into 328 apartments including amenities, a new pool deck and a new bridge connection to the adjacent Hilton Hotel in downtown Atlanta. \$38-million construction budget Project Leader		
b. Pinellas County Jail Master Planning and Criteria Clearwater, FL	2013	Est. 2016
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Master planning and criteria design for the existing jail complex including a new cogeneration plant, kitchen facility, laundry facility and housing. \$78-million construction budget Project Leader		
c. Pinellas County Public Safety Complex Largo, FL	2007-2009	NA
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm New 250,000 SF Building with a Hardened Structure for the PC Sheriff, 911, EOC, EMS, Fleet Maintenance, etc. \$81.4 million budget Project Leader		
d. Pinellas County Jail Master Planning and Criteria Clearwater, FL	2013	Est. 2016
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Master planning and criteria design for the existing jail complex including a new cogeneration plant, kitchen facility, laundry facility and housing. \$78-million construction budget Project Leader		
e. Jacksonville Equestrian and Community Center Jacksonville, FL	2003	2004
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm New 4,000 seat equestrian arena with associated practice rings and 300-stall barn. Project included a new 32,000 community center with Olympic venue pool. \$38-million construction budget. Project Leader		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Steven J. Vinci, AIA	13. ROLE IN THIS CONTRACT TBD	14. YEARS EXPERIENCE	
		a. TOTAL 18	b. WITH CURRENT FIRM 12
15. FIRM NAME AND LOCATION <i>(City and State)</i> ARC3 Architecture, Inc., St. Petersburg, Florida			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Master of Architecture, University of Florida Bachelor of Design, University of Florida		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> Florida, Georgia	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> American Institute of Architects (AIA)			

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION <i>(City and State)</i> Pinellas County Public Safety Complex Largo, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2007-2009	CONSTRUCTION <i>(If applicable)</i> N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm New 250,000 SF Building with a Hardened Structure for the PC Sheriff, 911, EOC, EMS, Fleet Maintenance, etc. \$81.4 million budget Principal-in-Charge		
b.	(1) TITLE AND LOCATION <i>(City and State)</i> LA Fitness Tampa South Tampa, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2012	CONSTRUCTION <i>(If applicable)</i> 2013
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm New 2-story 60,000 SF fitness facility including racquetball, spinning, indoor pool, open fitness and 3-story parking garage. \$9-million construction budget. Project Manager		
c.	(1) TITLE AND LOCATION <i>(City and State)</i> Martin County Public Safety Complex Stuart, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2006	CONSTRUCTION <i>(If applicable)</i> 2007
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm New 71,000 SF Building Hardened Structure with Emergency Operations Center. \$13 million budget Project Manager		
d.	(1) TITLE AND LOCATION <i>(City and State)</i> Pinellas County Jail Master Planning and Criteria Clearwater, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2013	CONSTRUCTION <i>(If applicable)</i> Est. 2016
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Master planning and criteria design for the existing jail complex including a new cogeneration plant, kitchen facility, laundry facility and housing. \$78-million construction budget Principal-in-Charge		
e.	(1) TITLE AND LOCATION <i>(City and State)</i> University of Tampa – Kennedy Place Tampa, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2005	CONSTRUCTION <i>(If applicable)</i> 2006
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm A new 11-story, 57,000 sq. ft. high rise dormitory containing 181 dorm suites located in downtown Tampa \$15.3 million construction cost Project Manager		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Aaron Booher, Associate Principal	13. ROLE IN THIS CONTRACT Landscape Designer	14. YEARS EXPERIENCE	
		a. TOTAL 16	b. WITH CURRENT FIRM 8

15. FIRM NAME AND LOCATION *(City and State)*
HMWhite (New York, New York)

16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> University of Pennsylvania - Master of Landscape Architecture Sarah Lawrence College - Bachelor of Arts	17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i>
--	---

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

The Art Directors Club Annual Awards Competition Honorable Mention - New York, New York

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
Brooklyn Botanic Garden Visitor Center Brooklyn, New York	2012	2012
<p>(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm</p> <p>a. Landscape designer and Project Manager for the development of the landscape design for the a new Visitor Center and garden entrance which includes a landscape based storm water management design, an entry plaza featuring a rain garden, streetscape restoration, reorganization of garden exhibits and restoration of Gingko allee. He was principal in establishing a new landscape setting for the Visitor Center that seamlessly integrates the Garden's historic layout and botanical exhibits. Aaron worked closely with Weiss/Manfredi Architects to develop a site and landscape design that melds architecture, topography, site engineering and horticultural design with connections to the Garden's historical context. HMWhite provided Schematic Design through Construction Administration services for this \$2.2 Million site development.</p>		
New York Times Courtyard and Roof Garden New York, New York - Landscape Design	2008	2011
<p>(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm</p> <p>b. Lead designer and project manager for the New York Times building's courtyard and roof garden. Aaron collaborated with the building's architectural team in fusing his extensive design and horticultural science expertise to resolve complex microclimatic growing conditions and its supporting planting infrastructure. He spearheaded planting design research and oversaw planting mock-ups and test plots as critical quality assurance practices he developed to confirm plant selections and gain consensus amongst the client group. He directed other project team disciplines to integrate innovative and cost effective technical elements for both the courtyard and roof garden designs to ensure sustainability and landscape management ease. HMWhite provided Schematic Design through Construction Administration for the courtyard and roof garden designs. Costs: Courtyard: \$1.25 Million; Roof Garden: \$1.65 Million.</p>		
Pearl Street New York, New York	2008	N/A
<p>(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm</p> <p>c. Lead designer for the study of a series of open spaces and streetscapes surrounding the Manhattan side of the Brooklyn Bridge. Coordinating with NYPD security requirements, Aaron led the design for the tower's new entry and plaza design connecting with a series of street improvements to transform the nature of adjacent public spaces and improve the area's ability to attract and accommodate a new office tenant population. Aaron worked closely with multi-agency City officials to establish priority of streetscape and park improvements. Much of his work involved developing strategies to reintegrate the neighborhood with historic structures, street alterations and highly-sensitive security concerns with new public park spaces, storm water management and pedestrian-friendly thoroughfares. HMWhite's services include Schematic Design through Construction Administration. Cost: TBD.</p>		
SUNY New Paltz Facilities Master Plan New Paltz, New York	2008	N/A
<p>(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm</p> <p>d. Project Designer Aaron developed campus landscape design initiatives and coordinated with the University's facilities master planners to finalize a 25 year plan for an integrated campus landscape and building program. His ecological and horticultural background influenced best practice and sustainable design landscape concepts to regenerate a central low land wetland meadow and riparian landscape feature. He also developed a series of landscape typologies built upon indigenous plant communities, for a clarified hierarchical campus roadway and circulation system. Aaron led the preparation of a master plan report, a campus planning and development tool for the University. HMWhite master planning services included data inventory, analysis, concept development and options and schematic design. Estimated Construction Cost: N/A</p>		
Performance Park New York, New York	2012	N/A
<p>(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm</p> <p>e. As lead project designer for this seven (7) acre waterfront neighborhood park in the Williamsburg section of Brooklyn, Aaron developed a dynamic interface between revealing a site's historical and ecological heritage with its reinvention as a cultural performance venue set within a public park. He led his studio design team to reconcile its complex urban and riverfront context with the flexible accommodations of an outdoor theatre and the needs of a neighborhood park. Fusing the regeneration of the river's ecology with upland park uses, Aaron's design accommodates impending future sea level rise as well as the need for a diverse residential neighborhood.</p>		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Amy Sommer, RLA, LEED® AP LEED® AP	13. ROLE IN THIS CONTRACT Landscape Architect	14. YEARS EXPERIENCE	
		a. TOTAL 1	b. WITH CURRENT FIRM 7
15. FIRM NAME AND LOCATION <i>(City and State)</i> HM White Site Architects, New York, New York			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Rhode Island School of Design - Master of Landscape Architecture Cornell University - Bachelor of Design and Environmental Analysis		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> RLA, Connecticut Since 2011 LEED Accredited Professional, New Construction	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i>			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
Performance Park East River Park Design Competition	2012	N/A
a. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm As project architect for HMWhite, Amy Sommer worked with the design team to develop this seven (7) acre waterfront neighborhood park in the Williamsburg section of Brooklyn, Amy developed a dynamic interface between revealing a site's historical and ecological heritage with its reinvention as a cultural performance venue set within a public park. He led his studio design team to reconcile its complex urban and riverfront context with the flexible accommodations of an outdoor theatre and the needs of a neighborhood park. Fusing the regeneration of the river's ecology with upland park uses, Amy's design accommodates impending future sea level rise as well as the need for a diverse residential neighborhood.		
Westfield garden state plaza Master plan and urban design	xxxx	xxxx
b. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm As Project Landscape Architect for HMWhite, Amy directed the master plan design for Westfield Garden State Plaza. Her background in urban design and environmental science provided the necessary technical foundation to effectively coordinate the design of this expanded public realm that brings back the functions of the downtown's shopping district. A comprehensive evaluation of the landscape's current condition informed the design's integration of high performance systems that reduce impervious cover and regenerate a new spatial "green infrastructure." Due to the area's high volume of vehicular and pedestrian traffic, the design incorporates vehicular traffic calming initiatives as well as safe pedestrian corridors. Amy worked closely with the design team and the client to adhere to a strict project budget.		
Viacom New York, New York	2012-2013	2013
c. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Project Manager and Designer of Viacom's midtown 7th floor terrace, Amy is leading the design transformation and implementation of a new home for many Viacom's media promotional events. Continuous prairie garden plantings will shape, define and link a series of distinct terrace rooms. The terrace's state-of-the-art living roof protection and assemblage will establish a contribution to Times Square's botanic coefficient. The design will incorporate green walls, sophisticated finishes and lighting, projections screens and seasonal plantings seen and experienced from all interior and exterior points of view.		
225-233 Park Ave South Roof Terrace New York, New York	2012-2013	TBD
d. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Connecting the 12th floor rooftop of 225 Park Avenue with 13th floor of 233 Park Avenue, Amy has worked with Principal-In-Charge Sam Lawrence to develop a concept design for the outdoor space of two jointly-owned office buildings. The design creates a series of interconnected outdoor spaces that support flexible daily and special event use for the office's inhabitants. Merging the pavilion conference roof with the exterior plaza, the design enhances the connectivity of the interior and exterior spaces to also create breakout space for an upper level conference room. HMWhite is continuing to work with the project architects to develop a "Class A" building roof top amenity garden.		
Conde New York, New York	2012-2013	2013
e. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm As Project Manager and Designer, Amy led the design and implementation of this double roof garden terrace residence on the 30th floor of a high rise building in Manhattan's Upper East Side neighborhood. Amy performed extensive sun and shade studies to establish an overall design incorporating unique leisure spaces. Amy's diverse, seasonal planting palette corresponds with the design's grade fluctuations, creating striking focal points between the terrace and cityscape, and allowing the terrace experience to be enjoyed within the apartment		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Hank White, FASLA, RLA	13. ROLE IN THIS CONTRACT Design Principal in Charge	14. YEARS EXPERIENCE	
		a. TOTAL 32	b. WITH CURRENT FIRM 22

15. FIRM NAME AND LOCATION <i>(City and State)</i> HMWhite (New York, New York)
--

16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Harvard University Graduate School of Design - Master of Landscape Architecture, Bucknell University - Bachelor of Arts, Institute for European Studies - Vienna Austria	17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> RLA - New York, New Jersey, Connecticut, Rhode Island, Pennsylvania, Tennessee
--	---

18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Served on Harvard Alumni Council, Trees of New York, President, Hudson River Waterfront Conservancy, Vice President, Pelham Preservation & Garden Society, Board Member, Guest Lecturer and Critic at Parsons School of Design, City College of New York, CLARB Member
--

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i> Brooklyn Botanic Garden Visitor Center Brooklyn, New York	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2012	CONSTRUCTION <i>(If applicable)</i> 2012

(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE a. Principal-in-charge for the site and landscape design for a new Visitor Center and garden entrance which includes a landscape based storm water management design, an entry plaza featuring a rain garden, streetscape restoration, reorganization of garden exhibits, restoration of Gingko allee and a new landscape setting for the Visitor Center that seamlessly integrates the Garden's historic layout and botanical exhibits. In collaboration with Weiss/Manfredi Architects, (Visitor Center architects) the landscape design melds architecture, topography, site engineering and horticultural design through sensitive transitions and connections to the Garden's historical context. HMWhite provided Schematic Design through Construction Administration services for this \$2.2 Million site and landscape development.	<input checked="" type="checkbox"/> Check if project performed with current firm
--	--

(1) TITLE AND LOCATION <i>(City and State)</i> Wildlife Conservation Society - Global Center for Conservation Bronx, New York - Landscape Design	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2008	CONSTRUCTION <i>(If applicable)</i> 2008

(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE b. Principal in charge from concept design through construction for the landscape design for WCS's new world headquarters situated within an 8 acre site in the Bronx Zoo. His high performance landscape design is storm water management based where a polluted drainage ditch was transformed into a filtering constructed wetland and wet meadow garden surrounded by a regenerated Oak woodland. Mr. White identified the significance of the site's 15 foot tall Gneiss outcroppings and landmark native Oaks and Maples which were meticulously preserved and directed the building's siting. A sloping vegetated roof was designed to help bridge a renovated native lowland woodland with its upland neighbor, restoring fragmented native wildlife and vegetated habitats. Site development construction cost: \$ 985,000.	<input checked="" type="checkbox"/> Check if project performed with current firm
--	--

(1) TITLE AND LOCATION <i>(City and State)</i> Yale University Health Service Center New Haven, Connecticut	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2010	CONSTRUCTION <i>(If applicable)</i> 2010

(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE c. Hank led the firm's efforts as landscape architect of record for Yale University with Michael Van Valkenburgh Associates, refining and executing a sustainable site design solution to seamlessly merge a new state of the art health services complex and parking structure into an historic neighborhood as an extension of Yale's existing campus fabric. The landscape design features storm water collection facilities for site and vegetated roof irrigation needs. Engineered soils were designed for each distinct landscape system to support the native and low maintenance plant communities.	<input checked="" type="checkbox"/> Check if project performed with current firm
--	--

(1) TITLE AND LOCATION <i>(City and State)</i> The Diana Center, Barnard College New York, New York	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2006	CONSTRUCTION <i>(If applicable)</i> 2006

(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE d. Principal-in-Charge, Hank worked with the building's architect, Weiss/Manfredi, to develop a series of lawn terraces, concrete seat walls and steps to establish a comfortable transition by easing the 12 foot grade change. Each terrace provides a new social gathering space and enables greater visibility between the upper and lower campus. State-of-the-art soil engineering and living roof technology ensures high performance of the lawn's dense traffic use. The landscape design introduced a layered and textural planting composition to improve Lehman Lawn's spatial quality and visual buffer. Arboricultural and biological soil treatments were employed early in the design process and maintained throughout construction to insure the preservation of the Lawn's historic and culturally significant "landmark" trees. The connection between new and old landscape reveals a timeless open lawn landscape design.	<input checked="" type="checkbox"/> Check if project performed with current firm
---	--

(1) TITLE AND LOCATION <i>(City and State)</i> Metrotech Brooklyn, New York - Open Space Plan	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 1993	CONSTRUCTION <i>(If applicable)</i> 1993

(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE e. Principal in charge - HMWhite prepared contract documentation throughout final design to include open space infrastructure plan, street and open space pavements, street tree plantings, and site furnishings. The site design is organized around a central "Commons," which serves as the heart and soul of the commercial campus. Hank assisted in redirecting a new utility infrastructure that included the demapping of streets and a voluminous subterranean engineered soil environment to support the dense tree groves and street trees. Hank led a multi-disciplinary team to refine the final design and resolve its execution through final documentation and construction. Today, Metrotech has proven to be responsible for a multi-block renaissance that has transformed this commercial/academic district into one of Brooklyn's most popular public places. Construction cost: \$5.2 mill	<input checked="" type="checkbox"/> Check if project performed with current firm
---	--

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Morgan Barnicoat	13. ROLE IN THIS CONTRACT Project Landscape Designer	14. YEARS EXPERIENCE	
		a. TOTAL 4	WITH cuRRENT FIRM 10 1

15. FIRM NAME AND LOCATION *(City and State)*
HMWhite (New York, New York)

16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> RHODE ISLAND SCHOOL OF DESIGN [RISO] <i>Master of Landscape Architecture</i> GREEN MOUNTAIN COLLEGE <i>Bachelor of Arts + Environmental Liberal Studies</i>	17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i>
--	---

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
Charette Participant, Lawn to Edible Garden, Green Mountain College, Poultney, Vermont | Fall 2011 - **Selected Competition Participant, 72 hour urban action, Bat-Yam, Israel** | September 2010 - **Graduate Thesis Book selected for Graduate Study Archives, RISD, Providence, RI** | 2010 - **Dagata Scholarship, [RIBA], Rhode Island Builders Association** | 2008-2009 - **Graduate Fellowship, RISD, Department of Landscape Architecture** | 2007-2010 - **Project Presenter, Water and the City Kolkata, India** | 2009 - **Lecturer on Axonometric Projection Design Foundations/Field Ecology RISD, Providence, RI** | 2009

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i> The Wharf, Southwest Waterfront: Maine Avenue + Parcel 11 Washington, DC	(2) YEAR COMPLETED
	PROFESSIONAL SERVICES CONSTRUCTION <i>(If applicable)</i> On-Going On-Going

a. (3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE Check if project performed with current firm
Role: Project Landscape Designer
Project: Located in the along the historic Washington Channel, The Wharf development will transform this area of southwest DC into a world class destination and memorable public environment. Lee and Associates is part of a world-class team of architects, planners, and engineers, providing comprehensive design services. The Maine Avenue Streetscape will integrate private and public space, accommodating pedestrian, vehicular, and cycle traffic, a comprehensive low impact development storm water management strategy, and extensive tree preservation of the existing mature street trees.
 Project Start: 2011

(1) TITLE AND LOCATION <i>(City and State)</i> Walter Reed Redevelopment Plan Washington, DC	(2) YEAR COMPLETED
	PROFESSIONAL SERVICES CONSTRUCTION <i>(If applicable)</i> 2012 N/A

b. (3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE Check if project performed with current firm
Role: Project Landscape Designer **Project:** The Walter Reed Army Medical Center Re-Use plan defines the District of Columbia's redevelopment vision for 67.5 acres of the former Army hospital site. Lee and Associates worked on the planning team and participated in many community meetings to help develop the concept for the open space and mixed use redevelopment master plan.

(1) TITLE AND LOCATION <i>(City and State)</i> Gurgaon Commercial Center – Urban Center Open Space Design Gurgaon, India	(2) YEAR COMPLETED
	PROFESSIONAL SERVICES CONSTRUCTION <i>(If applicable)</i> On-Going On-Going

c. (3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE Check if project performed with current firm
Role: Project Landscape Designer **Project:** Open space design for a new commercial urban center for the city and region, focused on informal urban recreation, and providing a lively center for after work activities. The complex will incorporate high and mid-rise building blocks, a high-end retail plaza and a rooftop bar and restaurant. Other amenities and features include smaller retail kiosks within the plaza, and a health club with salon and spa. Parking and circulation will emphasize well planned and efficient access for both pedestrians and vehicles, and will include underground (basement garage) and surface (near retail) parking, as well as and drop-off/pick-up points for both taxis and motor coaches. Project Start: 2012

(1) TITLE AND LOCATION <i>(City and State)</i> Riverview North Long Island City, New York	(2) YEAR COMPLETED
	PROFESSIONAL SERVICES CONSTRUCTION <i>(If applicable)</i> On-Going On-Going

d. (3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE Check if project performed with current firm
Role: Project Landscape Designer **Project:** At project designer, Morgan was responsible for the final schematic phase design drawings for Riverview North and South. Riverview is a high-rise residential building, owned and run by the Avalon development company. Avalon engaged HMWhite to create designs for their Primary Roof Garden Renovation, 50th Avenue and Center Boulevard Streetscape, 47th Road Arrival Court and Streetscape, 48th Avenue Main Entrance and Streetscape, Garage Roof Amenity Terrace and Peer Review of Pool Terrace Expansion. Project Start: 2013

(1) TITLE AND LOCATION <i>(City and State)</i> 15 Renwick Street New York, New York	(2) YEAR COMPLETED
	PROFESSIONAL SERVICES CONSTRUCTION <i>(If applicable)</i> 2013 2014

e. (3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE Check if project performed with current firm
Role: Project Landscape Designer **Project:** New construction residential building which includes (3) townhouse units with private front entrances and rear courtyards, as well as apartment units with a common entrance and common rear courtyard. Scope of work included focusing on design solutions for the rear yards as well as the front entrances. The townhouse courtyards are intended to provide a framework for the future townhouse owners while giving our client some control over the aesthetic and weight limitations of the spaces. The common garden is characterized and anchored by an 18" level change and the inclusion of amenities such as an entry grove, a gas fireplace feature, and an oversize ipe bench. The entire continuous back wall of the rear yards is "glued" together by a 10' lush vine screen wall.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Samuel A. Lawrence, LEED® AP	13. ROLE IN THIS CONTRACT Principal/Project Manager	14. YEARS EXPERIENCE	
		a. TOTAL 30	b. WITH CURRENT FIRM 14

15. FIRM NAME AND LOCATION *(City and State)*
HMWhite (New York, New York)

16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Cornell University - Bachelor of Science, Landscape Architecture University of Copenhagen Certificate in Architecture and Urban Design	17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> Landscape Architecture - New York LEED® Accredited Professional
---	---

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
The Highline Value Engineering - New York City Office of Management and Budget, East River Park Value Engineering - New York City Office of Management and Budget, Visiting Studio Critic Columbia University, Visiting Studio Critic New Jersey Institute of Technology

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i> NYC Police Academy Training Facility Queens, New York - Landscape Design	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2010	CONSTRUCTION <i>(If applicable)</i> 2014

a. (3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE Check if project performed with current firm
Principal-in-Charge of the landscape development, the 36 acre site is to house a state of the art police academy training facility for the NYPD. HMWhite is Executive Landscape Architect responsible for leading the design, providing technical resolutions and multi-disciplinary coordination of a matrix of challenging building, site engineering and environmental remediation issues. A tidal and fresh water storm water drainage channel running through the site demanded a complex set of governmental permits and approvals be negotiated and requirements incorporated into this high performance landscape design. Project anticipates LEED® Silver. HMWhite services include Design Development through Construction Administration. Total Project Cost: \$700 Million

(1) TITLE AND LOCATION <i>(City and State)</i> Pearl Street New York, New York - Urban District Plan	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2008	CONSTRUCTION <i>(If applicable)</i> N/A

b. (3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE Check if project performed with current firm
Project manager for the development of an urban district plan that transforms the downtown waterfront district at the base of the Brooklyn Bridge into a free flowing mix-use neighborhood through improvements to streetscape corridors, public plazas, community parks and a series of Police Department security barrier zones. Sam balanced a myriad of conflicting urban design issues that are reconciled into a coordinated open space plan that brings improved connectivity and legibility to a disenfranchised neighborhood. HMWhite services include Master Planning through Construction Administration, Cost: TBD.

(1) TITLE AND LOCATION <i>(City and State)</i> J.P. Morgan Library Expansion New York, New York - Urban Campus Landscape Design	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2006	CONSTRUCTION <i>(If applicable)</i> 2006

c. (3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE Check if project performed with current firm
As the Principal-in-Charge for the final campus landscape design, Sam led the site development's multi-disciplinary coordination and construction documentation. Collaborating closely with the architect, Moshe Safdie Architects, he directed the efficient coordination of the complex nature of site walls, pathways, water features, plantings and the complex layering of the planting's infrastructure over primarily structured space. His success facilitated integration of the institute's 1.5 acre site into the Washington DC National Mall context Project anticipates LEED® Silver. HMWhite services included Design Development through Construction Administration. Site Cost: \$1.0 Million

(1) TITLE AND LOCATION <i>(City and State)</i> US Institute of Peace Headquarters Washington, D.C. - Urban Landscape Design	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2010	CONSTRUCTION <i>(If applicable)</i> 2012

d. (3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE Check if project performed with current firm
As senior landscape architect for HMWhite, consultant to 21st Century and New Jersey Transit, Sam was responsible for developing the design, its technical integration and transformation from site's former rail transfer facility. Complying with the specific needs of both NJ Transit commuters and the design guidelines for the Hudson River Walkway, a marine landscape was introduced as a regenerative landscape strategy and as a celebration of its Hudson River tidal inlet setting. Sam worked closely with marine engineers and the client team to achieve this ambitious transformation while satisfying tight budgetary constraints. Today, the esplanade and plaza are one of the most memorable places along the Hudson River Walkway journey. HMWhite's services include schematic design through construction administration. Site Area: 86,000 sf. Construction Cost: \$1.75 mill

(1) TITLE AND LOCATION <i>(City and State)</i> Staten Island Ballpark and Waterfront Staten Island New York - Site Development and Urban Landscape Design	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2001	CONSTRUCTION <i>(If applicable)</i> 2001

e. (3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE Check if project performed with current firm
Project manager for the development of the waterfront landscape plan associated with Staten Island's new minor league ballpark. Sam led the site planning and design coordination surrounding the ballpark and its integration with surrounding transportation infrastructure and park land improvements. Sam researched the site's industrial past to inform this adapted-reuse of a former rail yard. Sam worked closely with a soil scientist to establish an appropriate soil remediation plan coupled with a storm water management plan which were integrated as critical directives to the 1.2 mile long waterfront landscape plan. HMWhite was responsible for master planning through construction administrative services, Cost : \$7.2 Million.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT
(Complete one Section E for each key person.)

12. NAME James T. Kempton	13. ROLE IN THIS CONTRACT Principal	14. YEARS EXPERIENCE	
		a. TOTAL 22	b. WITH CURRENT FIRM 22

15. FIRM NAME AND LOCATION (City and State)
Hardeman Kempton & Associates - Tampa, Florida

16. EDUCATION (DEGREE AND SPECIALIZATION) BS Cum Laude/Landscape Architecture/ University of Florida/ 1992	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Landscape Architect - FL (1993) #0001493 Landscape Architect - GA (1998) #001107 Certified Arborist - #SO-0718
--	---

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
**Past President, Florida Chapter, FL/ASLA
Member - Florida Chapter ASLA (FL/ASLA)
Member – Barrio Latino Commission**

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a. Channelside Riverwalk Extension, Tampa, FL	2008	2009
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Prime Consultant, \$1.1 Million. Lead designer of riverwalk and shade structures.		
b. Cotanchobee Park/ Heroes Plaza	2008	2009
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Prime Consultant, 2.0 million. Lead designer of park extension and heroes plaza which includes an interactive water feature, shade structure and public art.		
c. University of Tampa – Stadium Place Residence Hall	2007	2008
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Provided landscape architecture services and irrigation design, \$350,000.00. Designed outdoor hardscape terraces, landscape and irrigation system.		
d. First Coast Freedom Playground	2009	Not Yet Constructed
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Lead designer for this new community inclusive playground design, \$900,000.00		
e. Barnett Bank Toddler Playground	2009	Not Yet Constructed
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Lead designer for this new playground located in an existing park, \$350,000.00		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT
(Complete one Section E for each key person.)

12. NAME Jason E. Rinard, R.L.A	13. ROLE IN THIS CONTRACT Project Manager	14. YEARS EXPERIENCE	
		a. TOTAL 22	b. WITH CURRENT FIRM 19

15. FIRM NAME AND LOCATION (City and State)
Hardeman Kempton & Associates – 2207 W North A St., Tampa, Florida

16. EDUCATION (DEGREE AND SPECIALIZATION) BS Cum Laude/ Landscape Architecture/University of Florida/ 1992	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Landscape Architect - FL (1993) #0001608
--	---

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a.	Ballast Point Park - Phase 1 Tampa, FL	2002	2005
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Prepared construction documents which integrated new walkways, a pier entry ramp, a playground structure, and added landscaping (\$250,000.00).		
b.	Ballast Point Park - Phase 2 Tampa, FL	2008	Not Yet Constructed
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Preparing construction documents for various park improvements including new walkways and pavilions along with a interactive splash pad (\$500,000.00).		
c.	Water Works Park Tampa, FL	2008	Not Yet Constructed
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Currently working on construction plans for the park project which integrates a kayak launch, playground, walks, landscaping, and interactive water feature.		
d.	Riverwalk at the Heights – Tampa, FL	Current	Not Yet Constructed
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Preparing design documents for the Northern Section of Tampa’s Riverwalk that runs through a redeveloped neighborhood with mixed uses, \$3,500,000.00		
e.	Freedom Park – Lakeland, FL	2008	Not Yet Constructed
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Design of a park within the urban core of Lakeland, FL. Project integrated street side plaza and walkways along with an interior great lawn for recreation activities, \$950,000.00		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Chris A. Christoforou, P.E., LEED AP BD+C	13. ROLE IN THIS CONTRACT Principal Structural Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 31	b. WITH CURRENT FIRM 29
15. FIRM NAME AND LOCATION <i>(City and State)</i> Thornton Tomasetti (Newark, NJ)			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> M.S., Structural Engineering, 1986, Rutgers University B.S., Civil Engineering, 1983, Rutgers University		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> Registered Professional Engineer in New York, New Jersey, Florida, Pennsylvania, Kentucky	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> <i>Organizations:</i> Member, American Concrete Industry (ACI); Member, American Society of Civil Engineers (ASCE); Member, Structural Engineers Association of New York (SEAoNY)			

19. RELEVANT PROJECTS [Relevant Projects:]

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If Applicable)</i>
a.	Florida Polytechnic University, Innovation, Science and Technology Building (Lakeland, FL)	2014	2014
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Structural design of a new 124,000-square-foot, \$60-million, two-story academic facility providing arts, engineering, sciences, business and information technology departments. A prominent glass and steel cupola with a mechanized moving steel feature encloses the upper level common area. A steel-framed pergola structure provides cover above the exterior terrace on the second level. Specific Role: Structural Engineer.		
b.	Resorts World Miami (Miami, FL)	2012	2013
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Structural design services through concept design phase for a 10-million-square-foot, \$3.8-billion mixed-use development. Scope includes 3.5 million square feet of retail and entertainment space with meeting facilities on an eight-level podium, three million square feet of hotel space in four towers, and 1.7 million square feet of residential condominiums in two towers over a three-story, 1.9-million-square-foot basement and a 3.6-acre rooftop lagoon. Specific Role: Structural Engineer.		
c.	10 Hudson Yards (New York, NY)		
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Structural design of a 2.1-million-square-foot, 61-story office tower with a 180-foot mechanical penthouse. The tower is part of a mixed-use development on a site encompassing six city blocks. Four of the blocks are over active rail yards that will remain operational during construction. The project is the first major concrete high-rise office building in New York City. The building is designed to meet LEED Gold certification. Specific Role: Structural Engineer. Expected completion date: 2015		
d.	731 Lexington Avenue (New York, NY)	2004	2004
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Structural design 1.35-million-square-foot, \$450-million mixed-use tower for Bloomberg L.P.'s new headquarters. The concrete residential tower is built on top of a steel office and retail podium. It encompasses one full city block and features one tower with slender lateral system and a tuned mass damper, and another low-rise tower; both are separated by a unique seven-story atrium. Specific Role: Structural Engineer.		
e.	Baha Mar Resort (Nassau, BHS)	2014	2014
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Structural design of a new 3.3-million-square-foot, \$3.5-billion world-class resort development on a 600-acre beach-front property. The development includes four associated but separately branded hotels, a casino, spa, restaurants, retail and entertainment village, timeshare apartments, a convention center and ballroom. Specific Role: Structural Engineer.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME A. Brian Lomel, PE, CxA, LEED AP BD+C	13. ROLE IN THIS CONTRACT Sustainable Design	14. YEARS EXPERIENCE	
		a. TOTAL 26	b. WITH CURRENT FIRM 17
15. FIRM NAME AND LOCATION <i>(City and State)</i> TLC Engineering for Architecture, Inc.			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Bachelor of Mechanical Engineering – Cooperative Plan Georgia Institute of Technology		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> Georgia, Professional Mechanical Engineer, 20660 Florida, Professional Mechanical Engineer, 48488	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> LEED® AP, Registered Commissioning Authority Certified Instructor for: “Green Building Design Initiative” “Energy as Driver of Urban Design” “Practical Green Design” “Tropical Green Design” “Leading the Way to Sustainable Design”			

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION <i>(City and State)</i> Village of Palmetto Bay Municipal Center Palmetto Bay, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2010	CONSTRUCTION <i>(if applicable)</i> 2010
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Two-story Village Hall with council chambers and an integral 24-hour police station. The entire building is on 72-hour back-up generator. Mechanical system uses DX roof-top units with VAV. Various energy models and strategies used for attaining LEED Platinum/NetZero, as well as grants/funds assistance. Design included LED lighting, variable refrigerant flow HVAC system, photovoltaic system support, reclaim water distribution, air quality testing credit, M&V credit, site lighting (solar), site power car charging stations, site landscape - façade lighting, solar heated water, theatrical chambers lighting, dry chemical suppression for IT room, Zurn pint flush urinals, general floor plan re-design. Certified LEED NC 2009 Platinum. \$5.5 million/24,500 sf Role: PIC/LEED Administrator	<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	(1) TITLE AND LOCATION <i>(City and State)</i> Florida Atlantic University Christine E. Lynn College of Nursing, Boca Raton, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2006	CONSTRUCTION <i>(if applicable)</i> 2006
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE New 3-story facility including large lecture hall, historical museum, clinic, tiered classrooms, offices, private garden/achieved Gold LEED® certification. \$12.7 million/90,000 sf Role:	<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	(1) TITLE AND LOCATION <i>(City and State)</i> Bacardi Global Headquarters Coral Gables, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2010	CONSTRUCTION <i>(if applicable)</i> 2010
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Interior build-out of 12-story corporate office building including private offices, open-plan office space, support spaces, break areas, executive conference room, boardrooms, executive dining room, catering kitchen, conference-training center, employee cafeteria, food service area, kitchen, fitness center, locker room and shower. Project is achieved LEED CI Gold Certification. \$25 million/207,630 sf Role: LEED design and commissioning	<input checked="" type="checkbox"/> Check if project performed with current firm	
d.	(1) TITLE AND LOCATION <i>(City and State)</i> Port Everglades Terminal 4 LEED Ft. Lauderdale, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2013	CONSTRUCTION <i>(if applicable)</i> 2013
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE The project consists of renovations of an existing 90,000 sq ft Terminal located at Port Everglades in Ft Lauderdale, Florida. TLC to perform Sustainability Consulting, LEED Administration, Energy Modeling, Daylight Modeling, Fundamental and Enhance Cx. Role: PIC/Sustainability Consultant	<input checked="" type="checkbox"/> Check if project performed with current firm	
e.	(1) TITLE AND LOCATION <i>(City and State)</i> Naples Botanical Gardens Naples, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2014	CONSTRUCTION <i>(if applicable)</i> 2014
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE 15,000 sf of conditioned visitor center, retail, café and meeting space. Building contains storm water catchment, underfloor air distribution and daylight harvesting systems, registered for LEED® NC Silver Certification. \$4 million / 24,695 sf Role: Sustainability Consultant	<input checked="" type="checkbox"/> Check if project performed with current firm	

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME David Fusco, PE, LEED AP	13. ROLE IN THIS CONTRACT Structural Project Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 7	b. WITH CURRENT FIRM 1

15. FIRM NAME AND LOCATION *(City and State)*
TLC Engineering for Architecture, Inc. - Tampa Florida

16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Bachelor of Science - Civil Engineering	17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> Florida - Structural
--	--

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
ACE Mentorship Program: (Mentor for 3 Years)
AISC

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>
a.	Amador Convention Center Panama City, Panama	On-going	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Structural engineering for a new seafront complex on four parcels with banquet hall, restaurants, kitchen, 1,500-seat performing arts theatre, grand plaza, exhibit hall and conference facilities, outdoor amphitheatre, parking garage and fountains. \$188 million/ 500,000 sf <i>Role: Structural Engineer</i>		
b.	Baha Mar Resort New Providence, Bahamas	12/2012	12/2012
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Structural engineering design for the resort's 200,000 sf. convention center complex. Convention center consisted of a vast open spaced structure with a 175 foot clear span area with 12 foot deep structural steel trusses. <i>Role: Structural Engineer</i>		
c.	Florida Polytechnic University, Science and Technology Building, Lakeland, Florida	2011	2014
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Iconic 110,000 square foot, \$60 million, two-story building provides classrooms and laboratories, a large central atrium and several outdoor assembly spaces. Signature architect design required seamless integration of building systems. <i>Role: Lead Structural Engineer</i>		
d.	Mina Zayed Waterfront Development Abu Dhabi, UAE	N/A	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE The \$1.38 billion, iconic Mina Zayed Waterfront Development will be located o a 150-acre site on the Mina Zayed pier overlooking the Arabian Gulf with views of Abu Dhabi skyline. It will contain 780 guest rooms, 569 residences, and four distinct spa and wellness facilities covering 328,100 square feet. Designed through 100% DD's. <i>Role: Structural Engineer</i>		
e.	Barclay Center, NBA Brooklyn Nets Arena Brooklyn, New York	10/2010	09/2012
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE This \$650 million, design-build project features 18,103 seats, 101 suites, and ice floor for hockey, and other events. The steel superstructure consists of two levels of concourses and two levels of suites. The project is design to achieve LEED Certification. <i>Role: Structural Engineer for Peer Review</i>		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Gerald A. Crnkovich, P.E.	13. ROLE IN THIS CONTRACT Senior Electrical Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 37	b. WITH CURRENT FIRM 14
15. FIRM NAME AND LOCATION (City and State) TLC Engineering for Architecture, Inc. - Tampa Florida			
16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Science / Electrical Engineering		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) FL 42527 - Electrical	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION (City and State) Salvador Dali Museum St. Petersburg, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2011	CONSTRUCTION (if applicable) 2011
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Ultra-modern facility hosting the largest collection of Dalí's work outside of Spain, including eight masterworks, 96 oil paintings and 2,140 Dalí paintings, prints, sculptures and drawings. The first floor includes a reception center, museum store, 90-seat orientation theater, 150-seat community room, and café with indoor and outdoor seating. Administrative offices and research library are on the second floor, with exhibits on the third floor. Scope included Thermal storage life cycle study and Spider Alert Security System to protect priceless artwork. \$30 million/66,500 sf Role: Electrical Engineer		
b.	(1) TITLE AND LOCATION (City and State) St. Petersburg Museum of Fine Arts St. Petersburg, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2008	CONSTRUCTION (if applicable) 2008
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Expansion of the main galleries and associated spaces. Addition of two new wings that include new galleries for traveling exhibits and café dining, lecture halls and art exhibit space. \$7.7 million/22,720 sf Role: Electrical Engineer		
c.	(1) TITLE AND LOCATION (City and State) Curtis Hixon Waterfront Park Tampa, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2010	CONSTRUCTION (if applicable) 2010
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm New park on the Hillsborough River including site infrastructure for existing and future buildings including the Tampa Museum of Art, a pavilion, a restroom and a restaurant. Assisted in the power design and lighting specifications and coordination for two in-ground fountains. \$15.7 million Role: Electrical Engineer		
d.	(1) TITLE AND LOCATION (City and State) University of South Florida, University Student Center St. Petersburg, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2012	CONSTRUCTION (if applicable) 2012
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm New multi-story student union building; including administrative space, entertainment areas, ballroom, associated meeting rooms, student lounge, dining services, game room, outside verandas and basketball courts, as well as a six-story residence hall tower housing 196 students in two-person bedrooms. 15 solar panels for domestic hot water. Registered for LEED NC 2.2, pursuing Silver. \$17.5 million/60,000 sf Role: Electrical Engineer		
e.	(1) TITLE AND LOCATION (City and State) Dunedin Community Center Dunedin, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2006	CONSTRUCTION (if applicable) 2006
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Facility to accommodate theater and dance productions, banquets, indoor sports functions, dance, weight training and exercise classes along with flexible classroom and craft spaces, game room, pre-school space, satellite/branch library and administrative offices for Dunedin Leisure Services Department. Exterior athletic and recreational activities, ball courts and fields and green space for music festivals and art fairs, playground. Certified LEED NC 2.1 Silver. \$9 million/54,000 sf Role: Electrical Engineer		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Jeffrey Stash, LEED AP, ARCOSA AP	13. ROLE IN THIS CONTRACT Plumbing & Fire Protection Project Manager	14. YEARS EXPERIENCE	
		a. TOTAL 25	b. WITH CURRENT FIRM 12
15. FIRM NAME AND LOCATION <i>(City and State)</i> TLC Engineering for Architecture, Inc. - Ft. Myers FL			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Northern VA College, University of Engineering Maryland Drafting Institute		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i>	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> United States Green Building Council Leadership in Energy and Environmental Design (LEED) Accredited Professional American Rainwater Catchment Association (ARCOSA) Florida Master Plumber			

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>
a.	Signature Place St. Petersburg, Florida	2008	2008
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Mixed-use development of city block with the following components: shell retail (15,000 sf), shell office (40,000 sf), five-level parking garage (560 spaces), 34 story residential (429,000 sf) with business office, health club and media room, lofts/townhomes (at street level). Includes amenities deck with pool & garden above five parking levels; 16 residential units over ground floor retail spaces – East liner building; 24 residential units over ground floor retail spaces and three floors of office space; cooling/heating plant concealed on tower roof. This development has the tallest water feature at 60 ft. \$80 million including estimated \$1.8 million in retail space. Role: Plumbing/Fire Protection Designer		
b.	Frances Archbold Hufty Learning Center & Adrian Archbold Lodge, Venus, Florida	2011	2011
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Designed to achieve LEED Platinum and tracking for net zero energy and minimal potable water consumption, the two facilities, totaling 10,500 sf, can accommodate up to 40 researchers and visitors overnight while providing classrooms, meeting rooms and educational exhibit/interpretive display areas. 100% of rainwater is captured, stored in an underground cistern and treated prior to use for sewage conveyance. Solar thermal water heating provided a 5.3% energy use reduction. Certified LEED NC 2.2 Platinum. \$2.8 million/ 10,500 sf Role: Plumbing Designer		
c.	Six Mile Cypress Slough Preserve Interpretive Center Ft. Myers, Florida	2008	2008
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Rainwater is collected from the roof of this 11,000 sf living classroom, stored in a cistern, then used for sewage conveyance and irrigation of the native landscaping. The 3,200 gallon cistern saves 26,428 gallons per year based on a recent review. Certified as LEED Silver, the facility includes an 80-gallon solar water heating storage tank which provides for 100% of the demand. Energy saving strategies resulted in a 25% reduction against a baseline building, which was the first facility in Lee and Collier Counties to achieve LEED certification. The \$2 million facility features many sustainability strategies that assist in educational goals. Role: Plumbing Designer		
d.	JetBlue Park at Fenway South Ft. Myers, Florida	2012	2012
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Spring training facilities for Red Sox major and minor league players, minor league seasons and instructional league in a comfortable, state-of-the-art ballpark with 4,000 parking spaces and amenities, designed to pay homage to historic Fenway Park. Accommodates total capacity of 12,000 fans and includes administrative office area, locker rooms, restrooms and concessions, along with media and broadcasting facilities. The Players Development Complex, located adjacent to the ballpark, includes a first-class venue with gym, training and rehabilitation facilities. Includes design of telecommunications system. Certified LEED NC 2.2. \$55 million / 100,000 sf excluding fields Role: Plumbing Designer		
e.	The Phillip Merrill Center (Chesapeake Bay Foundation) Annapolis, Maryland	2000	2000
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Jeff was responsible for the design of the rainwater capture system at this landmark LEED Platinum-certified building of 30,600 sf. The center captures and reuses rainwater via a bioretention filter to treat oil and other pollutants in runoff from the pervious parking area. The center employs composting toilets, which when combined with other water-efficient appliances and native landscaping, results in a 90+% reduction in water use over an otherwise comparable conventional office building. Wood cisterns capture/retain rainwater for fire protection. Potable water use per occupant: 275 gal/person/yr. Role: Plumbing Designer		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Jason M. Heffelmire, PE, LEED AP BD+C, CxA, PMP	13. ROLE IN THIS CONTRACT Director-in-Charge Mechanical Engineer of Record	14. YEARS EXPERIENCE	
		a. TOTAL 18	b. WITH CURRENT FIRM 4
15. FIRM NAME AND LOCATION <i>(City and State)</i> TLC Engineering for Architecture, Inc. - Tampa Florida			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Masters of Business Administration Bachelor of Science – Mechanical Engineering		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> FL 64618 - Mechanical GA 033850 - Mechanical AL 30210-E- Mechanical SC 27194 - Mechanical	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> AABC Commissioning Group (ACG), Certified Commissioning Authority United States Green Building Council (USGBC), Florida Gulf Coast Chapter Education Committee American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) American Society of Mechanical Engineers (ASME)			

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION <i>(City and State)</i> Salvador Dali Museum St. Petersburg, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2011	CONSTRUCTION <i>(if applicable)</i> 2011
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Ultra-modern facility hosting the largest collection of Dalí's work outside of Spain, including eight masterworks, 96 oil paintings and 2,140 Dalí paintings, prints, sculptures and drawings. The first floor includes a reception center, museum store, 90-seat orientation theater, 150-seat community room, and café with indoor and outdoor seating. Administrative offices and research library are on the second floor, with exhibits on the third floor. Scope included Thermal storage life cycle study and Spider Alert Security System to protect priceless artwork. \$30 million/66,500 sf Role: Mechanical engineering		
b.	(1) TITLE AND LOCATION <i>(City and State)</i> Highland Recreation Center City of Largo, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2013	CONSTRUCTION <i>(if applicable)</i> 2013
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm New recreation center featuring an indoor running track, three-story indoor playground, "ExerPlay! Room" (digital/interactive fitness games), aerobics, weight training, cardio, multipurpose and office spaces. Designed to be Certified LEED NC 2.2. AIA Florida's 2012 AIA Florida/Caribbean Honor & Design Awards - Merit Award for Unbuilt Work. \$8.5 million/40,000 sf Role: Director-in-Charge/Mechanical Engineer		
c.	(1) TITLE AND LOCATION <i>(City and State)</i> University of South Florida, University Student Center St. Petersburg, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2012	CONSTRUCTION <i>(if applicable)</i> 2012
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm New multi-story student union building; including administrative space, entertainment areas, ballroom, associated meeting rooms, student lounge, dining services, game room, outside verandas and basketball courts, as well as a six-story residence hall tower housing 196 students in two-person bedrooms. 15 solar panels for domestic hot water. Registered for LEED NC 2.2, pursuing Silver. \$17.5 million/60,000 sf Role: Director-in-Charge/Mechanical Engineer		
d.	(1) TITLE AND LOCATION <i>(City and State)</i> Lee County Sports Complex/Hammond Stadium, Fort Myers, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES Est. 2015	CONSTRUCTION <i>(if applicable)</i> Est. 2015
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Extensive renovation of the Minnesota Twins' Spring training facility includes expanding seating from 8,000 to 9,300, extending concourses to a new outfield boardwalk creating a 360-degree walk around the facility and adding a party deck in right field, along with a new weight room, hydrotherapy area and dormitory for the players and staff. In addition, the concession stands, restrooms, suites and press box areas and clubhouse will be renovated and upgraded. Field dimensions will be altered to match Target Field and a major league practice field will be added, along with an adjacent agility field. Includes design of telecommunications system. \$45.6 million Role: Director-in-Charge/Mechanical Engineer		
e.	(1) TITLE AND LOCATION <i>(City and State)</i> Florida Polytechnic University Lakeland, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2014	CONSTRUCTION <i>(if applicable)</i> 2014
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Science and Technology Building – Iconic two-story building provides classrooms and laboratories, a large central atrium and several outdoor assembly spaces. Signature architect design required seamless integration of building systems. \$60 million/110,000 sf Role: Director-in-Charge/Mechanical Engineer		

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER
21. TITLE AND LOCATION <i>(City and State)</i>	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>		

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 2
21. TITLE AND LOCATION <i>(City and State)</i> USF Polytechnic Campus Master Plan, Lakeland FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2010	CONSTRUCTION <i>(If applicable)</i> 2014

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Florida Polytechnic University	b. POINT OF CONTACT NAME Alice Murray	c. POINT OF CONTACT TELEPHONE NUMBER (863) 255-4551
--	--	--

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

A \$40M 180acre campus design plan produced to accommodate the anticipated growing polytechnic satellite of USF Tampa. It incorporates residential and academic buildings organized around a series of massive man-made lakes, as well as specialized structures like the recently commissioned iconic IST building and campus centerpiece. Subsequent to acceptance of the design, engineering the appropriate infrastructure to support the plan was pursued and most of this base campus design has been completed though when later adopted by the new Florida Polytechnic University, decisions were made to diverge from the accepted plan. The use of landscape to mitigate storm water, manage water treatment and provide irrigation while creating a compelling campus setting was key.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Thornton Tomasetti	(2) FIRM LOCATION <i>(City and State)</i> Newark, NJ	(3) ROLE Structural Engineer
b.	(1) FIRM NAME TLC	(2) FIRM LOCATION <i>(City and State)</i> Tampa, FL	(3) ROLE MEP Engineer
c.	(1) FIRM NAME Anderson Lane Inc.	(2) FIRM LOCATION <i>(City and State)</i> Clearwater, FL	(3) ROLE Civil Engineer
d.	(1) FIRM NAME Jefre Studios	(2) FIRM LOCATION <i>(City and State)</i> Orlando, FL	(3) ROLE Landscape Architect
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 3
21. TITLE AND LOCATION <i>(City and State)</i> Eckerd College - various projects, St.Peterburg FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2010	CONSTRUCTION <i>(If applicable)</i> 2014

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Eckerd College	b. POINT OF CONTACT NAME Douglas Ault	c. POINT OF CONTACT TELEPHONE NUMBER (727) 864-8302
---	---	---

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Involvement began in 2001 with our support of the Campus Master Plan developed by Ayers Saint Gross. In the years that have followed, a Master Drainage Plan has been implemented, improvements to infrastructure have been completed and several significant projects for this private college have been completed. Several new projects are currently in the design and permitting phases of development including the \$28 Million Molecular and Life Science Facility.

The Center for Molecular and Life Sciences building is currently in the Conceptual Design phase, AndersonLane has provided the Conceptual Design and Site Planning services for this 50,000 GSF Science Facility. The project will have an extensive Site Development Package that will include approximately 21 Acres. Our firm has successfully Designed and Permitted a significant portion of the project's Early Start Packages to support a Spring 2011 ground breaking. The Project will become the Iconic symbol for the Campus to capitalize on its location at the entry to the Campus. This, in addition to the extensive Site Improvements will transform the Campus' Entry Experience.

The GO Pavilion will serve as a unique Open Air Event Venue and is located adjacent to the Eckerd College Athletic Complex. The project was designed to host everything from basketball games, outdoor teaching, concerts and award ceremonies. This outdoor venue strengthens the Students Recreational Experience and enhances the outdoor experience of all who visit the facility.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME ARC3	(2) FIRM LOCATION <i>(City and State)</i> St. Petersburg, FL	(3) ROLE Architect
b.	(1) FIRM NAME Anderson Lane Inc.	(2) FIRM LOCATION <i>(City and State)</i> Clearwater, FL	(3) ROLE Civil Engineer
c.	(1) FIRM NAME Hardeman Kempton & Assoc.	(2) FIRM LOCATION <i>(City and State)</i> Tampa, FL	(3) ROLE Landscape Architect
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

H. ADDITIONAL INFORMATION

30. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY. ATTACH ADDITIONAL SHEETS AS NEEDED.

I. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

31. SIGNATURE



32. DATE

33. NAME AND TITLE

ARCHITECT – ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (If any)

PART II – GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)

2a. FIRM (OR BRANCH OFFICE) NAME Thornton Tomasetti, Inc.			3. YEAR ESTABLISHED 1998	4. DUNS NUMBER 14-36222889
2b. STREET 744 Broad Street			5. OWNERSHIP	
2c. CITY Newark			2d. STATE NJ	2e. ZIP CODE 07102
6a. POINT OF CONTACT NAME AND TITLE Chris A. Christoforou, P.E., LEED AP BD+C, Principal			a. TYPE Corporation	
6b. TELEPHONE NUMBER 973.286.6100		6c. E-MAIL ADDRESS CChristoforou@ThorntonTomasetti.com		
8a. FORMER FIRM NAME(S) (If any) The Thornton-Tomasetti Group, Inc. D/B/A: LZA Technology, LZA Associates, and Thornton-Tomasetti Engineers			8b. YR. ESTABLISHED 2006	8c. DUNS NUMBER 062512397
			b. SMALL BUSINESS STATUS N/A	
			7. NAME OF FIRM (If block 2a is a branch office) Thornton Tomasetti, Inc.	

9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS		
a. Function Code	b. Discipline	c. No. of Employees		a. Profile Code	b. Experience	c. Revenue Index Number (see below)
		(1) FIRM	(2) BRANCH			
06	Architect	71		A06	Airports; Terminals & Hangars, etc.	2
08	CADD Technician	72	1	C10	Commercial Bldg. ; Shopping Ctrs.	3
15	Construction Inspector	11		C13	Computer Facilities; Computer	2
21	Electrical Engineer	3		E02	Educational Facilities	3
25	Fire Protection Engineer	1	1	F02	Field Houses; Gyms; Stadiums	4
26	Forensic Engineer	112	12	F03	Fire Protection	1
42	Mechanical Engineer	14	3	G01	Garages; VMFs; Parking Decks	1
57	Structural Engineer	375	16	H04	Heating; Ventilating; Air Cond'g	1
	Other Employees	140	2	H06	Highrise; Air-Rights-Type Bldgs.	2
				H08	Historical Preservation	3
				H09	Hospital and Medical Facilities	3
				H10	Hotels; Motels	3
				H11	Housing (Multi-Family, Apts., etc.)	3
				I01	Industrial Bldgs.; Mfg. Plants	1
				L01	Laboratories; Medical Research Fac.	1
				L04	Libraries; Museums, Galleries	1
				O01	Office Bldgs.; Industrial Parks	3
				R06	Rehab. (Bldgs., Structures, Fac.)	4
				R08	Research Facilities	1
				S09	Structural Design; Spec'l Structures	6
				W01	Warehouses and Depots	3
	Total	799	35			

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS (Insert revenue index number shown at right)		PROFESSIONAL SERVICES REVENUE INDEX NUMBER	
a. Federal Work	3	1. Less than \$100,000	6. \$2 million to less than \$5 million
b. Non-Federal Work	6	2. \$100,000 to less than \$250,000	7. \$5 million to less than \$10 million
c. Total Work	7	3. \$250,000 to less than \$500,000	8. \$10 million to less than \$25 million
		4. \$500,000 to less than \$1 million	9. \$25 million to less than \$50 million
		5. \$1 million to less than \$2 million	10. \$50 million or greater

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

SIGNATURE 		b. DATE September 2, 2014
c. NAME AND TITLE Chris A. Christoforou, P.E., LEED AP BD+C, Principal, Thornton Tomasetti, Inc.		



ATYPE IIc
33 Mercer St. #4B
New York, NY 10013
(624)244-4324
Mr. John Chu
info@atype.us