

STATEMENT OF QUALIFICATIONS FOR
ST. PETERSBURG PIER

SEPTEMBER 5, 2014



SUBMITTED BY:



September 5, 2014

Mr. Thomas Gibson, PE, Director
 City of St. Petersburg
 Engineering & Capital Improvements Department
 6th Floor, Municipal Services
 One Fourth Street North
 St. Petersburg, FL 33701

Re: Request for Qualifications – St. Petersburg Pier

Dear Mr. Gibson and Members of the Selection Committee:



On behalf of the VOA team, we are pleased to submit our qualifications to provide architectural, landscape, master planning, and themeing design services for the St. Petersburg Pier. We have an exceptional team for this project - with extensive experience in the planning and design of sustainable mixed-use retail, dining, entertainment, and visitor based destinations.

Established in Florida since 1969, VOA's planning, design, and technical capabilities include a multi-disciplined staff of over 300 planners, architects, interior designers, exhibit planners, landscape architects, and support staff nationwide. We are an internationally recognized award winning firm focused on creating value for our clients through our commitment to innovative design, and extraordinary client experiences. Our designs focus on creative and unique visitor experiences through their understanding and identification with themes and messages based on place, culture, and history. Studies indicate that for most destinations, this connection to place and the memories it creates is the most important indicator of their overall success and visitor satisfaction.

Project Leadership

Jonathan F. Douglas, AIA, is the Design Principal-In-Charge and has over 30 years of experience in the planning and design of commercial and public mixed-use and visitor centered projects integrating messages with the guest experience. He has been the Principal-in-Charge, Principal Designer, Senior Planner, and Public Facilitator for numerous mixed-use destinations such as the Downtown Disney Redevelopment, Cordova Center on the Rock destination, Icy Strait Pointe, and numerous visitor cultural learning based centers.

Greg Meyer, PLA, Lead Designer, is a Vice President and Senior Landscape Architect for VOA's Landscape and Planning Group. His talent encompasses over 32 years of experience, providing a range of services that go beyond landscape architecture to include planning and design for hospitality and resort, themed entertainment and urban waterfront destination projects.

Similar Projects

VOA is well known for our destination expertise which include projects such as the current Downtown Disney Redevelopment into Disney Springs in Orlando, FL; Navy Pier Redevelopment in Chicago, IL; current Wrigley Field Redevelopment, Chicago, IL; the landmark Swedish Embassy in Washington DC; and most recently awarded as the Executive Architect for the new Lucas Museum of Narrative Art in the Chicago waterfront area.

How We Work with Our Clients

VOA's approach to every project is total coordination of all aspects of the project planning, design, and development. We will coordinate the team, provide a single point of contact from start to finish, and assume contractual responsibility for the outcome.

VOA has assembled a highly experienced and talented team to meet and exceed the expectations of the City of St. Petersburg, its residents, and all visitors to create a landmark yet financially sustainable destination. We have included Hoberman Associates Inc. (HAI) and Applied Technology & Management (ATM).



Chuck Hoberman of HAI is a Designer, Artist, Engineer, and Inventor – he has won numerous awards for his transformative and kinetic structures, is the founder of HAI. HAI is a multidisciplinary practice with clients ranging across sectors including consumer products, deployable shelters, and space structures. Most recently he is working on the new Atlanta Falcon's Stadium retractable roof; other high profile projects include the transforming LED screen that served as the primary stage element for the U2 360° world tour; the Hoberman Arch in Salt Lake City, installed as the centerpiece for the Winter Olympic Games.

Applied Technology & Management (ATM) - Coastal and Marina Engineering, Environmental and Water Resources Services. ATM is very familiar and knowledgeable about the site as they served on the previous team for four primary aspects: marina planning & design, estuary feature ecological support & engineering, environmental permitting liaison, and coastal engineering / modeling.

We are truly excited about this project and look forward to further developing our design ideas and approach. If there are questions regarding any aspect of our qualifications, please do not hesitate to contact Jonathan Douglas, AIA at 407-496-3465(m) or jdouglas@voa.com.

Sincerely,

VOA ASSOCIATES INCORPORATED

A blue ink signature of Jonathan F. Douglas, appearing as "Jonathan F. Douglas".

Jonathan F. Douglas, AIA
Managing Principal

A blue ink signature of Greg Meyer, appearing as "Greg Meyer".

Greg Meyer, PLA
Lead Designer



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SECTION ONE VOA

PROPOSED DESIGN TEAM ORGANIATION

Major Team Members and Sub-Consultants

LEAD DESIGNER: VOA ASSOCIATES INCORPORATED

ARCHITECTURE, PLANNING, LANDSCAPE ARCHITECTURE, THEMEING, BRANDING, PROJECT MANAGEMENT

Located in Florida since 1969, VOA is an international award winning design firm that integrates the practice of architecture, planning, landscape, and interior design together to create sustainable destinations that focus on the guest experience. VOA has extensive experience in the planning and design of entertainment, retail, dining, cultural and educational visitor centers locally and throughout the world.

We take careful consideration of what the guest message and experience will be and incorporate these themes throughout the project.

Our team enjoys designing places where people want to be. We bring an extensive depth of experience in the design and planning of commercial and public mixed-use destinations. Our team is committed to creating a truly unique sustainable environment and to establish a strong relationship through our singular commitment to do whatever it takes to make your project a success.

The design of a successful mixed-use destination cannot be based on a pre-determined design formula or solely concerned with aesthetics. Given the complexity of this type of project and the variety of interests it must satisfy, the practice of planning and architecture today **requires the design team to focus on a wide range of issues whose best solutions come from a collaborative effort with the entire team, the client and the community.**

This is particularly true in the design of community and municipal facilities, which must meet dual responsibility. First they must respond to the needs of their users, programmatically, functionally and aesthetically but at the same time, they must represent a conscientious use of financial resources and be built on time and on budget. Secondly, this destination must offer a positive contribution to the context of the area, reflecting the unique needs and aspirations of the community it will serve.

A brief highlight of VOA's mixed-use, cultural and educational visitor centers, and landmark destination experience includes the first redevelopment of **Navy Pier in Chicago** a comprehensive historic, urban, mixed-use waterfront destination that includes performing arts venues, a museum, entertainment attractions, specialty shops, restaurants, indoor and outdoor parks, gardens, art galleries, pleasure boat docks, and indoor parking for 1800 cars; **Downtown Disney Redevelopment into Disney Springs in Orlando** an expansion and renovation of a highly themed waterfront retail, dining, and entertainment destination providing full architecture, interior design, and area development; **Wrigley Field Redevelopment** - renovation and expansion of a mixed-use development for this historic urban landmark that includes entertainment, retail, and dining venues within and outside of the stadium; and most recently VOA has been selected to be the Executive Architect for the new high-profile water front **Lucas Museum of Narrative Art**.



GATHERING SPACES - WRIGLEY FIELD REDEVELOPMENT



SPECIAL EVENTS / AWARD WINNER
NAVY PIER REDEVELOPMENT

CORPORATE CULTURE AND PHILOSOPHY

VOA is founded on a collaborative design process that brings the entire team together upfront. It's the way we work every day and is the hallmark of our corporate philosophy.

The relationship between design and its role in creating inspirational destinations is at the core of this collaborative approach. VOA seeks solutions that address the physical, emotional, and intellectual connection to place. These connections reveal themselves as the unique qualities of space and architecture that enhance our lives. In all of our work, we seek out the underlying themes and messages that help create and inspire experiences.



WATERFRONT LANDMARK BUILDING / DESIGN AWARD WINNER
D.C. SWEDISH EMBASSY

SUSTAINABLE DESIGN

VOA is committed to making a better world for our clients and their communities through a sustainable and integrated design approach. We are leaders in sustainable design and continue to look for ways to reduce the costs to operating and maintaining buildings and provide additional benefits to our clients. **Our sustainable design approach is to collaborate with our clients to fully realize their goals and mission, creating long term value for their operations as well as recognizing the environmental responsibilities we all share.**

In addition to VOA's on-going commitment to encourage clients to incorporate sustainable design into each project, VOA has made a pledge to support the American Institute of Architects 2030 Commitment. As a firm, we have collectively taken a leadership role in reducing the energy consumption in the built environment. The mission of the commitment is to make sensible design decisions about every project's energy performance in order to reduce the percentage of fossil fuel consumption – up to 100% by the year 2030.



LEED SILVER DESIGNED - VAMC BAY PINES

AIA 2030 Commitment



AWARD WINNING DESIGN FIRM

VOA is consistently recognized as one of the top interior design and architecture firms in the USA by Building Design and Construction Magazine, local surveys in Central Florida, Interior Design Magazine, Hotel Design, and Engineering News Record for within the top industry giants in the country. Most recently, **VOA received the 2014 Best Places To Work from the Orlando Business Journal for our Orlando office** making this the third consecutive year that we have been honored with this achievement!

Since its incorporation 45 years ago, VOA has been the recipient of more than 200 local and national design awards from such prestigious organizations as the American Institute of Architects, the American Society of Interior Designers, the International Interior Design Association, the Association of Landscape Architects, as well as nationally recognized planning, construction, and professional community organizations.



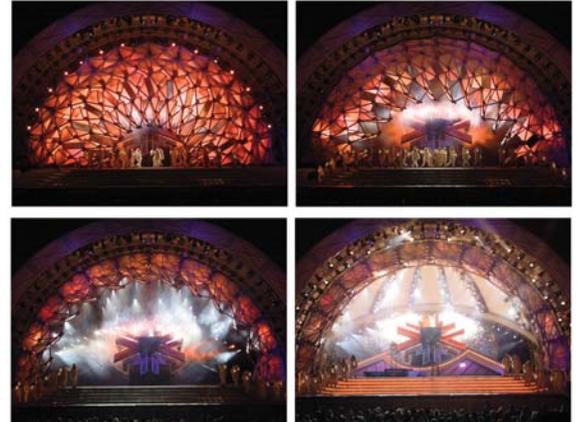
AIA ORLANDO DESIGN AWARD WINNER -
AL MINA MIXED-USE DEVELOPMENT

SUBCONSULTANT: HOBEBMAN ASSOCIATES, INC.

ARTIST, INVENTOR, TRANSFORMATIVE SCULPTURE ENGINEERING

Hoberman Associates is a multidisciplinary practice that specializes in transformable design—the design and development of products, structures, and environments that change their size and shape.

We believe that a world undergoing accelerating change needs an adaptive, interactive approach to design. Whether that's inventing a rapidly deployable shelter, collaborating with architects in developing the next generation of adaptive buildings, or redefining portability in the children's products market, our clients seek us out to shape change—and inspire it.



OLYMPIC ARCH STAGE - SALT LAKE WINTER OLYMPICS

BACKGROUND

Hoberman Associates, Inc. (HAI) was founded in 1990 by designer Chuck Hoberman, whose international career seamlessly fuses art, design, engineering, and architecture. HAI was founded with the primary aim to design behavior – to create objects that have the living qualities of organisms. Throughout its history HAI has focused on fostering a dynamic relationship between product and user. Its unique approach has been most prominently demonstrated in the Hoberman Toy line, founded in 1995. Subsequent design explorations include rapidly deployable tents, miniature medical instruments, and juvenile products.

In recent years HAI has embarked on a series of architectural collaborations to create adaptive buildings. Working with architectural firms in America, Europe and Asia, Hoberman is creating responsive shading and ventilation surfaces, operable roofs and canopies, and retractable facades for multi-use spaces.

The primary motivation for our architectural projects is to achieve energy savings and enhanced building environments within the context of advanced sustainable strategies. Our role is concurrently creative and technical, and our work is justified by its performance, including environmental impact, architectural integration and visitor experience

THEORY OF TRANSFORMATION

Hoberman Associates' work is centered on the fundamental idea that a designed object can transform the way a natural organism does. While the smooth transformation of size and shape is ubiquitous in the natural world, it is rare among man-made objects. The creation of transforming objects requires a new design theory, a conceptual framework that draws on mathematics, mechanics and structural engineering to integrate change as a basis for design.

Through years of exploration and experimentation we have identified critical parameters for the successful creation of transforming objects. The process of transformation should be:

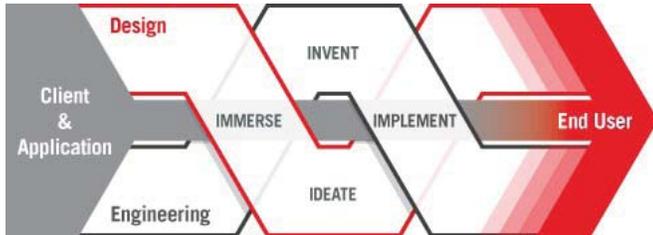
- Complete & fully three-dimensional
- Smooth & continuous
- Reversible & repeatable

These attributes result in functional benefits for products, such as ease of use, fluid responsiveness and adaptability. They lead to an integrated design approach where structure and mechanism are combined, which offers the ability to build transforming structures at both large and small scale.

KINETIC SCULPTURE
MUSEUM OF MODERN ART NEW YORK

HOBBERMAN APPROACH

We believe that behavior itself can be designed into a product or place. By doing so, an indelible experience and connection is made with the user or occupant.



Our unique designs require a unique approach. Over the years, we have developed a work process that results in the consistent creation of surprising, effective and economical designs. This methodology emerges from the core philosophy of Transformable Design:

Design and engineering are intertwined.

Our engineers are passionate about design; our designers are fluent with technology. Both work side by side, and structure their contributions so that tasks and milestones are managed as an integrated process.

Invention is the starting point.

Innovation occurs when the creative concept emerges in concert with the technical means to realize it. For us, this defines the inventive process itself.

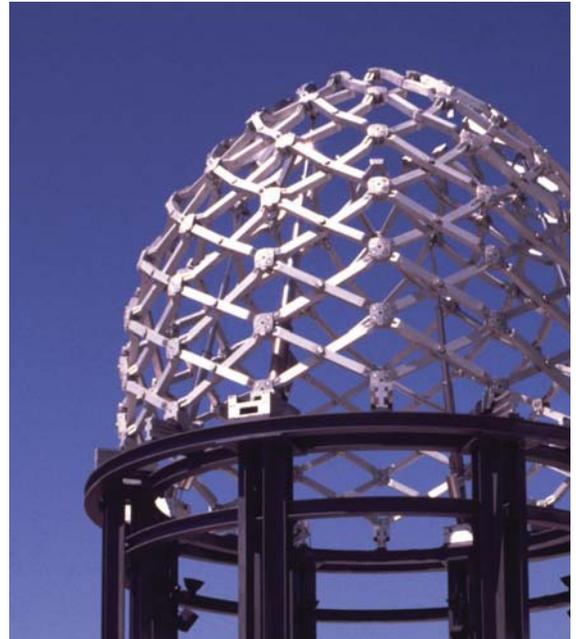
Invention is a key aspect of commercial strategy. Products that are functionally differentiated from their competitors and that are protected by strong intellectual property have the best chance to excel in the market. Our clients can draw from our ever-expanding pool of patents and we often create new patentable inventions as part of the development process.

Success means taking the creative spark to its full potential and destination.

In common with many of our clients, our management team has combined decades of experience as manufacturers. For years, we created, manufactured and sold our toy line to major retailers. The rigors of successfully executing a manufacturing business inform all of our designs.

We've learned that great ideas will not succeed in practice without attention to detail, containment of costs, and a thorough understanding of market context. We meet these criteria every day through close and collaborative communication with our clients.

Ultimately, success is when our designs are in users' hands, or are surrounding them within a transforming environment - then the original creative spark reignites for them, closing the circle.



KINETIC SCULPTURE
IRIS DOME, WORLDS FAIR, HANOVER, GERMANY



SUBCONSULTANT: APPLIED TECHNOLOGY & MANAGEMENT (ATM)

COASTAL AND MARINA ENGINEERING, ENVIRONMENTAL AND WATER RESOURCES SERVICES

An international consulting firm with a focus on the southeast U.S., ATM has 30 years of experience providing environmental and marina planning and design services to public clients as well as multi-disciplinary planning and design teams throughout the world. ATM has a full-service “waterfront team” with comprehensive experience in all phases of waterfront development. They use an integrated approach to waterfront development and redevelopment with proven success in the municipal arena. Their project methodology involves the combined and parallel analysis of market demand, economics, environmental considerations, community goals, engineering factors, and operational issues that drive the planning, design, and construction process. Our project sites range from small, environmentally sensitive locations to urban, heavy-use, and congested facilities. Issues considered throughout our projects have been minimization of impacts to environmental features, optimization of operations, implementation of advanced industry standards in design and construction techniques, and specific attention to scheduling and cost controls.

ATM operates at the forefront of sustainable marina development and has designed facilities to be compliant with “Clean Marina” or “Blue Flag” programs. Our excellence in the field of marina design has resulted in the receipt of the 2009 PIANC Jack M. Nichol Award for outstanding marina design. In addition, ATM has been extremely successful on behalf of our clients with the Boating Infrastructure Grant Program. This has resulted in \$9.3 million for our clients use in marina development and redevelopment. ATM engineers and scientists work regularly with State, Federal, and local permitting and thoroughly understand the technical, environmental, legal, and public awareness issues involved. Their permitting specialists have extensive specific experience working within sensitive environments, and have an impressive record of permitting success.

ATM is very familiar and knowledgeable about the site as we served on the Michael Maltzan team for four primary aspects:

Marina Planning & Design

This was our primary role and we completed all of the design basis work for the marina as well as schematic design of the docks, utilities, gangways, etc and developed the specifications. We also worked closely with Marinetek (the chosen dock supplier) to work out the marina design using their docks.

Estuary Feature Ecological Support & Engineering

ATM brought Mote Marine Laboratory in to work with us on ecological resource mapping and for habitat issues related to the proposed reef feature. In the end, the City did the existing ecological resource mapping under their agreement with the their environmental consultant, so that is done and available. Similarly, the bathymetry is all done. The reef feature got controversial very early on, so we also brought Janicki Environmental under ATM’s contract to do local liaison work with the various interests there to plan a feature that everybody could get behind. We did limited engineering on the artificial reef as well.

Environmental Permitting Liaison

Originally, our scope has the state, federal and county permitting work in it, but the City decided to utilize their consultant (Moffatt & Nichol) to do this work and ATM worked with M&N on behalf of Maltzan to provide drawings, attend permit meetings, understand concerns, etc. The permit was never issued.

Coastal Engineering/Modelling

ATM’s scope included hydrodynamic and wave modelling including flushing, wind waves, and boat wakes. The wave modelling was never initiated. ATM and McLaren (the marine structural) relied on waves generated by first order empirical methods for the design basis and schematic phases and would have initiated the wave modelling in design development. We have completed a hydro model for the whole of Tampa Bay and applied that model to complete the flushing study for the proposed pier marina.

Ability to work with large teams and public outreach

VOA is a nationally recognized firm focusing on creating value for our clients through our commitment to innovative design, extraordinary client experiences, and outstanding visitor experiences. **We have extensive experience managing complex multi-disciplinary teams that are tailored to each project's unique requirements.** This means the ability to develop clear and comprehensive workplans that allow each team member to understand their specific roles and responsibilities.

PROJECT STANDARDS

One of the first steps for the multi-disciplinary VOA Team is attaining a clear and easily understood set of documents for the full scope of the any deliverables through the confirmation of the standards to be used by entire project team. This effort occurs within the first few weeks of the project and addresses issues such as drawing format, BIM standards, Building standards, supplier/vendor relationships and other similar issues that will affect the documentation and delivery of the work effort.

Clarity and consistency in the manner in which information is documented will ensure the most efficient flow of data during the design process keeping the project on schedule. By providing standards up-front, delays due to unusable information due to differing formats or drawing standards will be proactively managed.

An important value our multi-disciplinary team approach brings is the ability and focus on the integration of all components within the early stages of the design process. While elements of the project may be well established or understood, our approach uses the power of the entire team's ideas to create a comprehensive plan up-front.

Our team, as shown below, includes consultants that are highly qualified for this project.

Hoberman Associates for Sculptural Engineering - proved and renowned for creating and engineering large dynamic transformable structures.

ATM - for Coastal and Marina Engineering, Environmental and Water Resources Services - extensive knowledge and experience with the existing site.

Other Consultants: VOA Associates maintains a database of small, small disadvantaged, and women owned, veteran-owned, HUBZone small business, and service-disabled veteran-owned small business companies located throughout the United States. These companies are routinely included in proposals and projects. When we consider adding consultants for the St. Petersburg Pier project such as Civil, MEP, FP, and other specialty consultants we will consider the most qualified consultant. VOA regularly works with Small and Minority owned business including firms such as Hall Engineering a St. Petersburg Certified SBE and others.

As the project progresses, VOA will manage the entire team as well as retain other consultants as needed based on the project requirements.



An example of working with complex multi-disciplined teams is the Cordova Center on the Rock environmental based destination.

VOA provided Programming, Interpretive Planning, Master Planning, Architectural and Interior Design services for the new 35,000 SF visitors center, a 500-seat performance amphitheater, classrooms, retail shop, restaurants, interactive exhibit area, administrative offices, outdoor exhibits, and rural cabins, and a network of trails and paths that is patterned after the Wolf Trapp model - connecting people, nature, and arts. The project's primary goal is to educate the public on environmental stewardship and build support for conservation of Iowa's land and water resources.



An important aspect of this project involved the further development of recreational opportunities in the area, to create a destination that offers an extended amount of activities that appeal to a larger segment of the public. To do that, the interpretive plan must engage people in a variety of ways; to provide a series of connections that make for a compelling journey via an assemblage of attractions and activities that are all connected to the landscape. With this project, every aspect of the plan, from topography, site planning and landscape issues to building design, exhibits and signage, substantiates the message of land stewardship, thus providing value for both the guest and the operator.



The Cordova Center on the Rock is a partnership project, involving several clients such as the Marion County Conservation Board, the Iowa Department of Natural Resources, the U.S. Army Corps of Engineers, and Iowa Central College. **VOA was the lead consultant and managed a complex multi-disciplined team** that included Jack Rouse and Associates as Exhibit Designers, and over 12 national and local engineering and specialty consultants. **VOA led and participated in numerous charrettes and public workshops** involving a very large client group. We provided large scale renderings, presentation aids, and a full site model and separate building model of the project to assist with fundraising. Documents produced include a Program Report, Design Report, exterior renderings, a physical model of the project – showcased during the presentations, interior artist exhibit renderings, and interior design renderings.

As Iowa's premiere Welcome Center along with environmental education focusing on the story of "water and land", this multi-event venue is being registered to achieve LEED Gold certification.

METHODOLOGY FOR WORKING COOPERATIVELY WITH MULTIPLE CLIENTS AND SUBCONSULTANTS AND PUBLIC OUTREACH

Our process is purposely collaborative and designed to bring all potentially involved parties into the process early. Through work sessions, "camping out", and face to face interviews with key personnel, the entire team is involved from the beginning in the decision making process. Not only does this process lead to a free exchange of ideas and a collective "white board" brainstorming, it develops "Stakeholders" who are active participants and support the project each step along the way.

We use a variety of tools to lead an inclusive design process so that everyone, who desires, may play an important part in the design of the project as well as reinforce the team's commitment to the project goals through the following:

- **Interactive Retreats:** Often times Clients may wish to hold specific retreats to bring together groups that normally operate independently.
- **Site Studio Web Page:** We have established special studio sites either within the project community or using the Internet to allow potentially interested parties the opportunity to drop in and review the latest drawings as the project progresses. We use this process to make complex visual and spatial concepts accessible to a broad public. We use the Web's interactive features to create a place for focused discussion about a specific idea.
- **Planning and Design Charrettes:** Sessions where participants discuss ideas and seek more definitive design solutions are an important element of our design approach.
- **Public Presentations:** Many times VOA is asked to play the role of communicator to public stakeholders. Jonathan Douglas, AIA, is a trained facilitator and presenter having trained under Hans Blieker, founder of the theory of informed consent. His skill is directly relevant to negotiating the broad range of public opinion about the proposed project and establishing a common vision that everyone will support. Jonathan has been very successful in this role on similar projects such as the multi-agency Cordova Center on the Rock and the Barrier Islands Environmental Learning Center for Brevard County EEL program.

Our approach is a unique way to discover the underlying excitement of great projects. By understanding the qualities we want people to associate with the project and communicating these at every level, we are able to create architecture that is about a tangible sense of place, history, and community while simultaneously providing a functional cost effective destination.

ADDITIONAL EXAMPLE OF MULTI-CLIENTS TEAMS AND PUBLIC OUTREACH

Barrier Island Sanctuary Management & Education Visitors Center, Brevard County, FL

VOA provided Master Planning, Interpretive Planning, Architecture and Interior design services for this new 5,600 SF Barrier Island Sanctuary Management & Education Visitors center. This state-of-the-art Center's primary objective is to provide educational opportunities within the Archie Carr Refuge, named for world-renowned sea turtle expert and ecologist and founder of the Caribbean Conservation Corp. (CCC), Archie Carr. Programs focus on barrier island habitats and species, with particular focus on highlighting sea turtles and providing guided turtle habitat tours.



The VOA project team performed extensive analysis of the site to determine the feasibility of developing this sensitive area while protecting the native dune vegetation. The final design reduced the developable footprint and carefully located elements of the project within already disturbed areas. The project includes exhibit space, classrooms, lecture hall, an outdoor wet laboratory, retail store, offices, and nature trails. This facility was designed utilizing energy conservation methods and some LEED sustainable design principles. The Center is used for multiple purposes including education, administrative offices, exhibit, and research.

Because of the unique purpose for this environmental learning center, the **client team was composed of partnership groups** related to the continued guardianship of the sea turtle population that regularly nests along this coastal area as well as to the preservation of the native habitat of the Archie Carr Refuge. All programming and design workshops were managed so that input was contributed by all parties, then discussed and measured against the goals as initially established. As design progressed, the most highly involved members continued to participate and those members became the core group that manages the Learning Center.

Key Individuals, Roles, and Responsibilities

PROJECT LEADERSHIP

Our work seeks to establish connections with people and place through understanding and identification of themes and messages. Studies indicate that for most destinations, this sense of place and the memories it creates is the most important indicator of their overall success and visitation. We have assembled a highly experienced and talented team to meet and exceed the expectations of the City of St. Petersburg, its residents, and all visitors to create a landmark yet financially sustainable destination. The key team includes VOA's Jonathan Douglas, AIA, and Greg Meyer, PLA and they will be supported by Senior Designer and Associate Principal Daryl LeBlanc, AIA and Senior Project Manager Richard Reep, AIA; Hoberman Associate's Chuck Hoberman; and Rob Semmes and Peter Peterson of ATM and this entire team is supported by other team members whose resume are located in Section 4 in the SF330 resumes.

VOA Associates is the Lead Designer for this project to provide Planning, Architecture, Landscape Architecture, Area Development, Themeing, and Project Management



Jonathan F. Douglas, AIA, is the Design Principal-In-Charge and has over 30 years of experience in the planning and design of commercial and public mixed-use and visitor centered projects integrating messages with the guest experience. **Jonathan will manage the contracts, teaming agreements, ensure client satisfaction with design, budget and schedule, participate in client and public workshops, participate in developing themes and messages, and ensure architectural design integrity.**

Jonathan's work includes mixed-use destinations, parks and recreation, retail, dining, and entertainment venues, welcome centers, museums, and visitor center projects for the State of Florida, US Bureau of Land Management, USDA Forest Service, US Army Corp of Engineers, a wide variety of state and county governments, non-profits, as well as, private developers such as Walt Disney Imagineering, SeaWorld Parks & Recreation, Universal Creative, etc. A trained facilitator as well as an expert in planning and design for destinations, Jonathan brings a unique and powerful set of skills to all projects involving a diverse range of issues. With his hands on experience, creative problem solving style, and a unique combination of strong organizational management, Jonathan is a highly effective leader. He has a well-deserved reputation for innovative solutions, meeting Owner's expectations, schedules and budgets, while maintaining the highest standards of design quality and excellence.



Greg Meyer, PLA, Lead Designer, is a Vice President and Senior Landscape Architect for VOA's Landscape and Planning Group. **Greg is the Lead Designer that has responsibility for overall design of the entire area development, will lead the programming efforts with the design team to ensure the right mix of recreational and retail, dining and entertainment opportunities, he will lead, as appropriate, client and public workshops, and lead in developing themes and messages.** His talent encompasses over 32 years of experience, providing a range of services that go beyond landscape architecture to include planning and design for hospitality and resort, themed

entertainment and urban design projects. He enjoys interaction with clients cultivating creative, unique and environmentally responsive design solutions throughout the U.S., Caribbean, South America, China and the Middle East. He earned his Bachelor of Landscape Architecture degree from the University of Florida. Greg has designed numerous award winning projects from the Florida Association of Landscape Architects and Urban Land Institute.

Greg is particularly passionate about this St. Petersburg Pier project, and states, *"Having grown up in the Tampa Bay area I have had many opportunities to experience the uniqueness of 'bay life living.' I have fond childhood memories of fishing off the Pier late at night with my family. To potentially be in a position to help transform this memory into a new vision that embraces the past, looking forward to the future, while respecting the beauty of the bay and St. Petersburg's waterfront parks will be a privilege and an exciting opportunity."*

A relevant example for Greg Meyer is the **Historic Port Of Falmouth, Falmouth, Jamaica**: A development of a historic 10-acre wharf district within a 40-acre site. The design preserved Falmouth's unique heritage and culture while refurbishing the existing architecture for the multi-use site. Design features included a new cruise line terminal, retail, restaurants, trolley line, open market area, and hotel.



Wharf under construction.



Aerial of land mass creation.



Hoberman Associates (HAI) is the Transformative Sculpture Engineer for this project.



Chuck Hoberman, Designer, Artist, Engineer, Inventor - has won numerous awards for his transformative and kinetic structures, is the founder of HAI and is supported by a dedicated core team of highly talented Engineers that have worked with HAI for over 10 years. Chuck will lead the sculpture engineering design for this project.

Nowhere do the disciplines of art, architecture, and engineering fuse as seamlessly as in the work of inventor Chuck Hoberman, internationally known for his “transformable structures.” **Through his products, patents, and structures, Hoberman demonstrates how objects can be foldable, retractable, or shape-shifting.** Such capabilities lead to functional benefits: portability, instantaneous opening, and intelligent responsiveness to the built environment.



Hoberman is the founder of Hoberman Associates, a multidisciplinary practice with clients ranging across sectors including consumer products, deployable shelters, and space structures. **Examples of his commissioned work include** the retractable roof for the new **Atlanta Falcons Stadium** (2013-on-going) in Atlanta, Georgia; the transforming LED screen that served as the primary stage element for the **U2 360° world tour** (2009-2011); the Hoberman Arch in Salt Lake City, installed as the centerpiece for the **Winter Olympic Games** (2002). Other noteworthy commissions include a retractable dome for the **World’s Fair in Hanover, Germany** (2000); the Expanding Hypar (1997) at the **California Museum of Science and Industry**; the Expanding Sphere (1992) at the **Liberty Science Center, Jersey City, New Jersey**; and the Expanding Geodesic Dome (1997) at the **Centre Georges Pompidou in Paris**.

Hoberman’s work has been exhibited several times at the Museum of Modern Art in New York. In 2008 his commissioned installation Emergent Surface was part of the exhibit “Design and the Elastic Mind.”

In 2008, alongside Buro Happold Principal Craig Schwitter, Hoberman formed the Adaptive Building Initiative (ABI). The joint venture united Hoberman’s design vision with Buro Happold’s 30 years of engineering excellence to develop retractable façades, responsive shading and ventilation, operable roofs, and canopies for the built environment.



Between 2009 and 2010, ABI realized four adaptive architectural installations: an adaptive façade for the POLA’s Ginza, Tokyo headquarters; an operable roof for Aldar Central Market in Abu Dhabi; a dynamic entrance for the Wyss Institute at Harvard University; and a kinetic façade for the Simons Center at Stony Brook University, New York.

Hoberman holds a bachelor’s degree in sculpture from Cooper Union and a master’s degree in mechanical engineering from Columbia University. He won the Chrysler Award for Innovation and Design in 1997. Hoberman is a Visiting Scholar at Harvard University’s Wyss Institute for Biologically Inspired Engineering.

Applied Technology & Management, Inc. (ATM) is the Environmental Permitting, Marina Planning and Engineer for this project.



ROBERT SEMMES, M.S., Environmental Permitting, Marina Planning & Feasibility
Applied Technology & Management, Inc.

Mr. Semmes has over 25 years of experience in waterfront planning and development projects. He specializes in marina development and revitalization, the extraordinary needs of megayacht harbors, financial performance projection modeling for modern luxury marina developments, marina market segmentation, specialty environmental issues related to port and harbor development, and ecosystem assessment, restoration, and mitigation.

He has provided business planning support for numerous marina developments and marina development companies including the development of ATM's proprietary financial projection models. Additionally, he has prepared market assessments for specialized resort marina developments in the United States, the Bahamas, Caribbean, Mexico, and Ukraine. He has also prepared numerous water and sediment quality assessments, sedimentation investigations, and plans and specifications for dredging, marina, and boat landing construction projects. He has extensive permit preparation and negotiation experience for projects with complex environmental issues. Mr. Semmes served as ATM's Project Manager and marine consultant for our previous efforts on the pier redevelopment team and is, therefore, extremely familiar with the project.



PETER PETERSON, M.S., P.E., Coastal & Marina Engineering
Applied Technology & Management, Inc.

Mr. Peterson has over 20 years of experience in coastal and marine engineering. He has worked on and served as the Engineer of Record for coastal, marina, waterfront redevelopment and boat ramp projects throughout the U.S. and Caribbean, and has been responsible for the permitting, planning, design, and construction of all facets of coastal and marine engineering projects. He has experience with coastal structures, tidal and current studies, and marine construction and has extensive municipal experience. Mr. Peterson provided coastal and marine engineering services to the previous St. Petersburg Pier redevelopment team as ATM's coastal/marine engineer.

Additional Team Members if Shortlisted

At this time we do not anticipate adding team members if shortlisted for Phase II.

State of Florida Licensing

VOA has been in business in the State of Florida since 1969 and is licensed to do business as an Architect, Interior Designer, and Landscape Architect. ATM is licensed to do business in the State of Florida and have all appropriate engineering licenses. Copies of team State of Florida licenses are located in Section 4 at the end of Section H of the SF330.

Proposed Team Organization Chart



VOA ASSOCIATES INCORPORATED

Project Management, Planning, Architecture,
Landscape Architecture, Theming, Branding

Jonathan Douglas, AIA
Principal-in-Charge

Greg A. Meyer, PLA
Lead Designer

Daryl LeBlanc, AIA
Sr. Designer

Richard Reep, AIA
Sr. Project Manager

Alonso Rodriguez, LEED AP
BIM Manager

HOBERMAN ASSOCIATES, INC.

Sculpture Engineering

Chuck Hoberman
Lead Sculpture Engineer

Matthew Davis
Sculpture Engineer

APPLIED TECHNOLOGY & MANAGEMENT (ATM)

Coastal/Marine Engineering, Water Quality, Permitting

Robert Semmes, M.S.
Marina Consultant

Timothy Mason, PE
Sr. Coastal Engineer

Peter Peterson, PE
Coastal & Marine Engineering

Steven Peene, Ph.D.
Water Resources

POTENTIAL FUTURE CONSULTANTS - SBE, MBE, OR LARGE BUSINESS:

- Mechanical Engineering
- Electrical Engineering
- Plumbing Design
- RCDD Consultant
- Fire Protection / Life Safety
- Structural Engineering
- Civil Engineering
- Traffic Engineering
- Survey and Mapping
- Geotechnical Engineering
- Environmental Engineering
- Water Feature Designer /

Small or Minority Business Team Members

Hoberman Associates Inc is a Small Business based in New York. VOA will make every effort to include SBE / MBE qualified team members if selected for this project.

SECTION TWO VOA

DESIGN APPROACH

Design Approach

INTRODUCTION:

With a livable downtown and a reputation as one of Florida's most desired coastal cities, St. Petersburg has a vibrancy that is noticed for its quality of life. The St. Petersburg Pier is a treasured jewel in the urban fabric, and its history and relevance is honored by VOA's proposal to renew the existing pier while preserving the inverted pyramid in form. **We will upcycle this structure into a transformable dynamic sculpture surrounded by waterside dining, entertainment, educational and recreational uses making it and the pier into a significant world recognized public attraction for the City of St. Petersburg.** To accomplish this and meet the City's anticipated construction budget we propose a phased approach as outlined in the following.

THE VISION:

The city's high respect for fine art will inform our team's design of the required programmatic elements for the upland area, the pier approach and the pier head. We propose to include exciting sculptures by world-renown artist and inventor Chuck Hoberman, creator of the Hoberman Sphere and thought leader in the transformability of structures. **Aligning with the St. Petersburg Museum of Fine Arts at the Pier's base, the Chihuly Collection presented by the Morean Arts Center, and the Dali Museum, VOA proposes that the existing Inverted Pyramid Building becomes a transformable Inverted Pyramid structure adding to this world-class list of attractions and further cement the city's reputation as a fine arts destination.**

For the Pier Head project area VOA and Chuck Hoberman will preserve the form of the 1973 Inverted Pyramid by rehabilitating portions when practical, and replacing portions with new structure and thereby respecting the symbolic and cultural value of the form. **Our concept is to conserve the heroic form of the structure and transform it into an accessible monumental sculptural element worthy of St. Petersburg's urban waterfront.**

We will at the same time enhance the entire "Pier Park" experience by creating a new vision for the upland park area, Spa Beach, and the Pier Approach that integrates the vision for the Inverted Pyramid Building as sculpture with the whole project. We will include smaller sculptural elements by Hoberman in the Upland area and the Pier Approach, integrated into a broader public artwork program, so that these dynamic sculptural elements become a unifying theme throughout the project.

THE INVERTED PYRAMID BUILDING AND PIER HEAD:

For the Inverted Pyramid Building VOA and Hoberman will design a kinetic sculpture that will be transformative and participative - capturing a new vision for St. Petersburg's future generations to enjoy.

- **Transformative:** **The newly conceived Inverted Pyramid will transform its shape through the use of color, light, sound, water, and moveable structure to change on a continual basis.** Similar efforts by Hoberman yielded the Claw, the remarkable stage built for musical band U2's 360 concert; and the new retractable stadium roof for the Atlanta Falcons. This quality will give the St. Petersburg Pier a story that constantly evolves, with roots in the Inverted Pyramid's celebrated past.
- **Participative:** The ability to influence the sculpture's form will draw the public to the end of the Pier. The opportunity to create different sound, light, and sculptural experiences that are unique and memorable will **give city residents and visitors an opportunity to interact, participate, and express themselves in the public realm in a positive and uplifting way.** The city can also program the Pier for certain occasions – holidays, for example – and create specific effects limited only by the imagination.

Just as St. Petersburg's cultural history embraced fine art and celebrated the future with the Pier's Inverted Pyramid Building bold, contemporary design, so VOA and Hoberman will continue this tradition by creating a landmark for St. Petersburg as a unique destination for city residents and visitors. The VOA team believes this vision is the best way to honor the history and relevance of the Pier. Additionally, the surrounding Pier Head space at the transformed Inverted Pyramid will celebrate this landmark sculpture by including the following as part of the vision:

- A marketplace and gift shop
- A destination restaurant with bar & grille that includes valet parking with guest tram shuttle service from the Uplands drop of area
- Retail and restaurant venues helps to increase the overall sustainability of the Pier
- Entertainment facilities for special events and live music
- A future home for a marine discovery and environmental education center
- A observation platform for elevated views of the bay and waterfront
- Dockage for tours of historic and other ships of interest that would be open to the public
- Outdoor space for casual recreation, circulation, seating and fishing
- Reducing the overall Pier Head footprint thereby reducing its impact on the marine environment

VOA proposes that the new Pier Head design as described above be phased based on the limitations of the City's anticipated construction budget of \$33,000,000. This project area will have to be part of a future phase unless additional funding becomes available.

THE PIER APPROACH:

VOA's team will redesign the Pier Approach itself in collaboration with marine engineer ATM, Inc. The design will support the Pier as a destination, integrating it into the waterfront, creating stronger connections to the upland areas and the future Pier Head, and provide an efficient, flexible platform for public use. The existing design relative to structural integrity and flood zone issues will be carefully analyzed, and a new Pier Approach cross-section will be created that respects the historical form of the Pier, maximizes its potential with a goal to lessen the overall footprint of the pier by decreasing the width by 5%. Reducing the width of the pier saves construction costs and reduces the impact on the marine environment. The Pier Approach project area will be in the Phase One project area and is included in the anticipated \$33,000,000 construction budget. Some of the most exciting opportunities with the vision for the new Pier Approach include:

- Adding a tram shuttle service along with shade (shade structures and Palms) to make traversing the length of the Pier Approach a more pleasant pedestrian waterside experience (no vehicles will be allowed on the pier other than emergency and service vehicles)
- Adding retail and food vendor "kiosks" along the length of the Pier to increase revenue opportunities and provide visitors with engaging guest experiences (helps to increase the overall sustainability of the Pier)
- Adding locations for entertainment and visitor interactive water play features that could include additional opportunities to incorporate Hoberman's Kinetic Art Sculptures
- Adding transient boat slips along the edges of the Pier Approach
- Creating zones along the edges of the Pier Approach for fishing enthusiast and for those that want passive observation locations of the waterfront with seating
- Reducing the overall Pier Approach footprint by 5% thereby reducing its impact on the marine environment
- Extending the notion of the Pier-As-Art into the water, transforming the waterfront experience as well
- Adding interpretive graphics and "kiosks" that educate visitors on local marine ecology and environment
- Proposing an overhead "Sky Car" transportation venue (cable system with small passenger cars) that links the uplands area with the Pier Head and provides great aerial views of the Pier, the bay, and the City of St. Petersburg (height to be under adjacent airport height restrictions)



THE UPLANDS AND SPA BEACH:

VOA's team will redesign the Uplands Area and Spa Beach to create a new threshold to the Pier and at the same time provide stronger connectivity to the City of St. Petersburg and its existing vibrant waterfront parks. The Uplands area and Spa Beach project area will be in the Phase One project area and is included in the anticipated \$33,000,000 construction budget. Some of the exciting opportunities with the vision for the Uplands area and Spa Beach include:

- Creating a Gateway Feature to the Pier Head that will include a Hoberman Transformable Art Structure
- Adding a themed destination restaurant with outdoor dining that overlooks the beach and has valet parking (helps to increase the overall sustainability of the Pier)
- New Beach Bar & Grille with outdoor dining, restrooms and beach rentals (helps to increase the overall sustainability of the Pier)
- Programmed events at Spa Beach to host beach volleyball, paddle boarding and tri-athlete tournaments
- Amphitheater for outdoor events with future Hoberman transformable shade art structure
- Renovated park space with contoured earth sculptures for viewing and passive play
- New landscape and lighting
- Renovation of existing parking areas
- New streetscape section to Pier Approach and Drop-Off Area
- Potential to extend Pier Park Streetscape at the existing street to strengthen connection of Pier to City and other park spaces
- Create new Drop Off area at Pier Approach Gateway for buses, visitors, valet parking, and tram shuttle stop
- New Beach Promenade allows for walking, jogging, biking with observation / seating areas overlooking Spa Beach
- Proposed Groin (to Expand Spa Beach and add Wave Protection for the Marina Basin)
- Existing Seagrasses to be protected at Spa Beach

DESIGN PROCESS:

VOA Associates will be the Design Team Leader for the Pier Project. Our design consultants, Hoberman and ATM, will provide creative and technical support throughout the project. We will add consultants as necessary to complete the design team and achieve the vision described above.

VOA creates destination designs worldwide and will use our expertise in planning and designing theme parks, destination resorts, and museums to create a unique and highly memorable experience at the St. Petersburg Pier. Our approach integrates landscape design, architecture, interiors, and art into a seamless design process whereby team members freely interact to create the best possible solution for the client.

Our process methods are about communication and begin with a multiple day work session where all interested parties are invited to understand our vision and provide input. **By involving all interested parties upfront, we are able to create stakeholders who continue to support the project throughout the public process of schedule, budget, and regulatory approvals.** VOA will continue to lead an intensive creative effort to re-visualize the pier, involving all team members and city officials to understand the vision.

The team will then proceed into a Conceptual Design phase whereby each of the three main components – uplands, pier, and Inverted Pyramid – will be further designed. The team will meet periodically with the City for updates, identifying constraints, requesting information, and confirming direction. At the end of the Conceptual phase, the team will present design documentation of the proposed solution for review.

The Conceptual Design package may be used to determine permitting, verify costs, and garner public approval for the Pier vision. During these three efforts, VOA will support and, if deemed necessary, facilitate meetings. During this time, the team will proceed into the technical documents for the work.



Pier redevelopment will be phased into an uplands package and a pier/Inverted Pyramid package, in order to track the separate approval processes necessary. VOA will remain as Administrator for each component and will continue to be Team Leader for the project.

Schematic Design, Design Development, and Construction Documents will proceed for each of the components of the project. Upon obtaining regulatory permits, VOA will proceed with Bidding and Negotiation phase efforts, assisting the City of St. Petersburg with obtaining bids for construction.

During Construction, VOA will provide Construction Administration services normal for the size and type of project involved. During this phase, a special effort for Art Direction will be provided as a supplement, in order to procure, install, and commission the interactive artwork feature at the Inverted Pyramid.

Upon completion and opening of the project, VOA will provide warranty and as-built information to the City, and conduct a post-occupancy evaluation to fine-tune the interactive artwork component.

CONCLUSION:

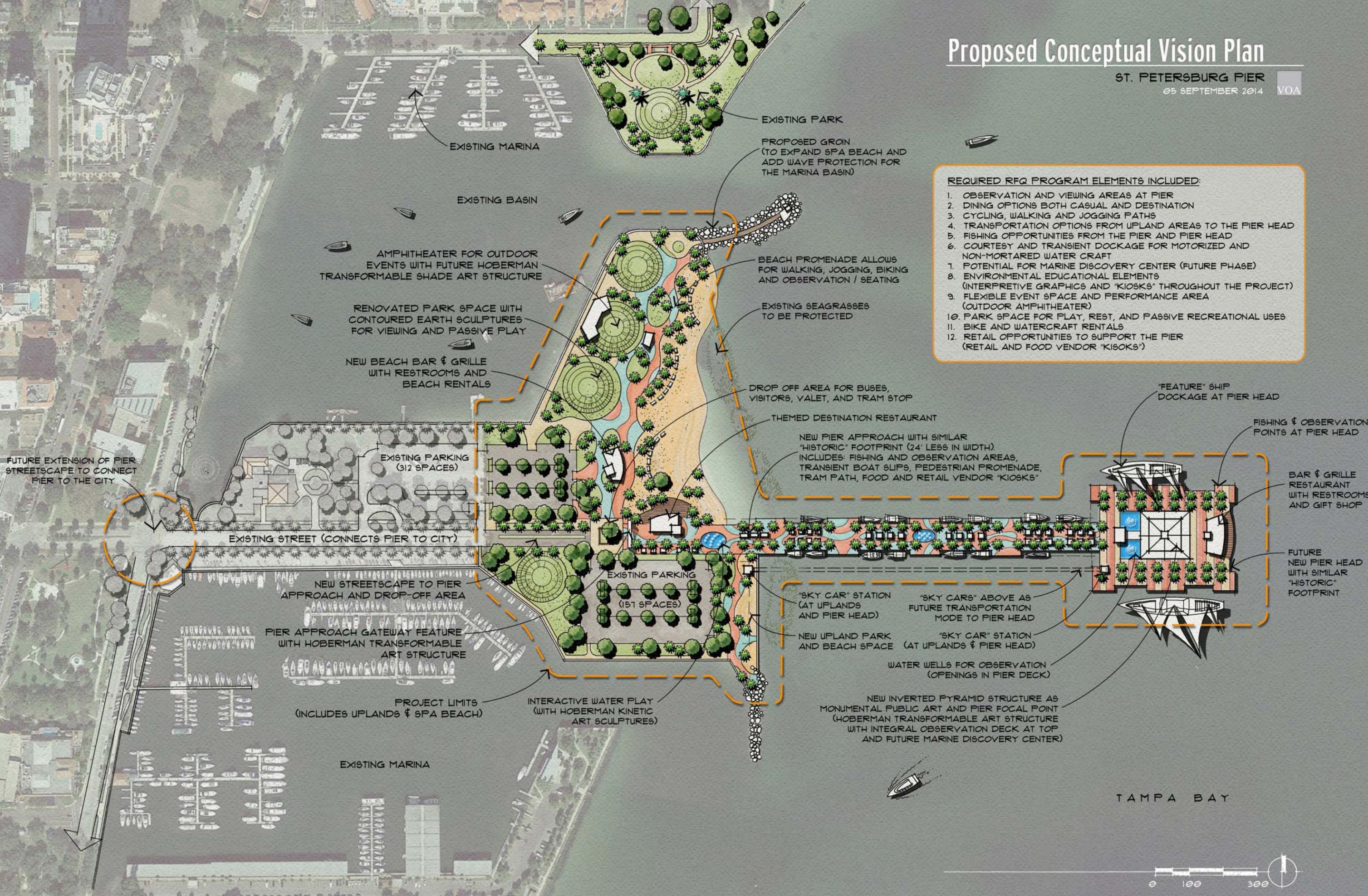
Together with Hoberman and ATM, VOA has unparalleled experience in designing successful destinations, bringing together technical, regulatory, and financial issues, and creating unique, memorable public environments. Our team is uniquely qualified with a depth of experience in pier destinations and design. The proposed VOA conceptual plan for the City of St. Petersburg's Pier will meet the anticipated construction budget, contains all the required program elements for the initial project phase (includes the Uplands area, Spa Beach and the Pier Approach), and is capable of being permitted. VOA's conceptual plan presented herein establishes a core vision and theme for the Pier that also allows flexibility for future design enhancements should additional private or grant money become available. VOA looks forward to being selected to further develop the concept in more detail during Stage II of the selection process.

Proposed Conceptual Vision Plan

ST. PETERSBURG PIER

05 SEPTEMBER 2014 VOA

- REQUIRED RFQ PROGRAM ELEMENTS INCLUDED:**
1. OBSERVATION AND VIEWING AREAS AT PIER
 2. DINING OPTIONS BOTH CASUAL AND DESTINATION
 3. CYCLING, WALKING AND JOGGING PATHS
 4. TRANSPORTATION OPTIONS FROM UPLAND AREAS TO THE PIER HEAD
 5. FISHING OPPORTUNITIES FROM THE PIER AND PIER HEAD
 6. COURTESY AND TRANSIENT DOCKAGE FOR MOTORIZED AND NON-MORTARED WATER CRAFT
 7. POTENTIAL FOR MARINE DISCOVERY CENTER (FUTURE PHASE)
 8. ENVIRONMENTAL EDUCATIONAL ELEMENTS (INTERPRETIVE GRAPHICS AND "KIOSKS" THROUGHOUT THE PROJECT)
 9. FLEXIBLE EVENT SPACE AND PERFORMANCE AREA (OUTDOOR AMPHITHEATER)
 10. PARK SPACE FOR PLAY, REST, AND PASSIVE RECREATIONAL USES
 11. BIKE AND WATERCRAFT RENTALS
 12. RETAIL OPPORTUNITIES TO SUPPORT THE PIER (RETAIL AND FOOD VENDOR "KIOSKS")

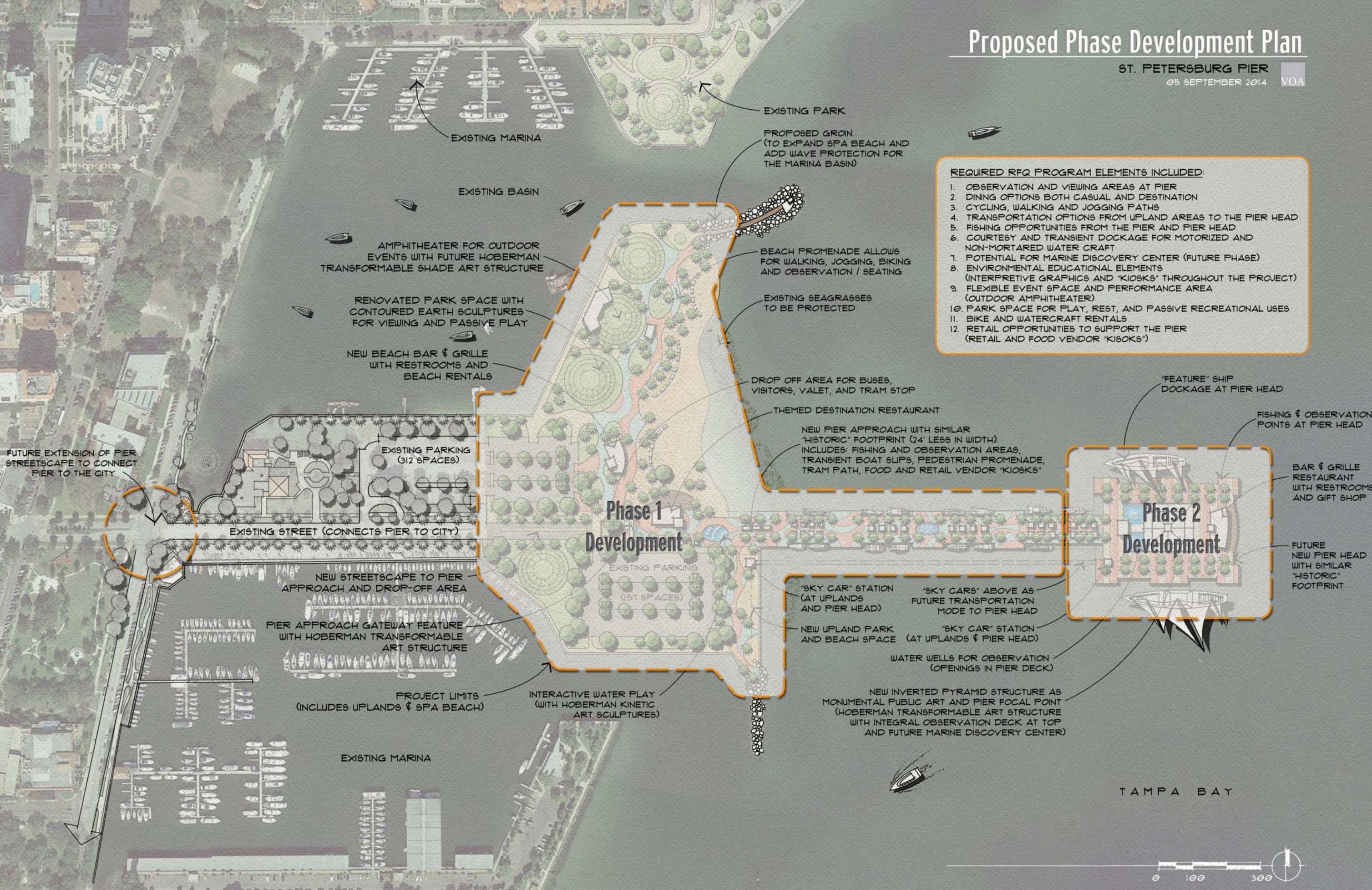


TAMPA BAY



Proposed Phase Development Plan

ST. PETERSBURG PIER
05 SEPTEMBER 2014 VOA



- REQUIRED RFQ PROGRAM ELEMENTS INCLUDED:**
1. OBSERVATION AND VIEWING AREAS AT PIER
 2. DINING OPTIONS BOTH CASUAL AND DESTINATION
 3. CYCLING, WALKING AND JOGGING PATHS
 4. TRANSPORTATION OPTIONS FROM UPLAND AREAS TO THE PIER HEAD
 5. FISHING OPPORTUNITIES FROM THE PIER AND PIER HEAD
 6. COURTESY AND TRANSIENT DOCKAGE FOR MOTORIZED AND NON-MORTARED WATER CRAFT
 7. POTENTIAL FOR MARINE DISCOVERY CENTER (FUTURE PHASE)
 8. ENVIRONMENTAL EDUCATIONAL ELEMENTS (INTERPRETIVE GRAPHICS AND "KIOSKS" THROUGHOUT THE PROJECT)
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 10. PARK SPACE FOR PLAY, REST, AND PASSIVE RECREATIONAL USES
 11. BIKE AND WATERCRAFT RENTALS
 12. RETAIL OPPORTUNITIES TO SUPPORT THE PIER (RETAIL AND FOOD VENDOR "KIOSKS")

FUTURE EXTENSION OF PIER STREETSCAPE TO CONNECT PIER TO THE CITY

AMPHITHEATER FOR OUTDOOR EVENTS WITH FUTURE HOBERMAN TRANSFORMABLE SHADE ART STRUCTURE

RENOVATED PARK SPACE WITH CONTOURED EARTH SCULPTURES FOR VIEWING AND PASSIVE PLAY

NEW BEACH BAR & GRILLE WITH RESTROOMS AND BEACH RENTALS

EXISTING STREET (CONNECTS PIER TO CITY)

NEW STREETSCAPE TO PIER APPROACH AND DROP-OFF AREA

PIER APPROACH GATEWAY FEATURE WITH HOBERMAN TRANSFORMABLE ART STRUCTURE

PROJECT LIMITS (INCLUDES UPLANDS & SPA BEACH)

EXISTING MARINA

EXISTING MARINA

EXISTING BASIN

EXISTING PARK

PROPOSED GROIN (TO EXPAND SPA BEACH AND ADD WAVE PROTECTION FOR THE MARINA BASIN)

BEACH PROMENADE ALLOWS FOR WALKING, JOGGING, BIKING AND OBSERVATION / SEATING

EXISTING SEAGRASSES TO BE PROTECTED

DROP OFF AREA FOR BUSES, VISITORS, VALET, AND TRAM STOP

THEMED DESTINATION RESTAURANT

NEW PIER APPROACH WITH SIMILAR "HISTORIC" FOOTPRINT (24' LESS IN WIDTH). INCLUDES: FISHING AND OBSERVATION AREAS, TRANSIENT BOAT SLIPS, PEDESTRIAN PROMENADE, TRAM PATH, FOOD AND RETAIL VENDOR "KIOSKS"

Phase 1 Development

EXISTING PARKING (157 SPACES)

INTERACTIVE WATER PLAY (WITH HOBERMAN KINETIC ART SCULPTURES)

"SKY CAR" STATION (AT UPLANDS AND PIER HEAD)

NEW UPLAND PARK AND BEACH SPACE

WATER WELLS FOR OBSERVATION (OPENINGS IN PIER DECK)

NEW INVERTED PYRAMID STRUCTURE AS MONUMENTAL PUBLIC ART AND PIER FOCAL POINT (HOBERMAN TRANSFORMABLE ART STRUCTURE WITH INTEGRAL OBSERVATION DECK AT TOP AND FUTURE MARINE DISCOVERY CENTER)

"SKY CARS" ABOVE AS FUTURE TRANSPORTATION MODE TO PIER HEAD

"SKY CAR" STATION (AT UPLANDS & PIER HEAD)

"FEATURE" SHIP DOCKAGE AT PIER HEAD

FISHING & OBSERVATION POINTS AT PIER HEAD

Phase 2 Development

BAR & GRILLE RESTAURANT WITH RESTROOMS AND GIFT SHOP

FUTURE NEW PIER HEAD WITH SIMILAR "HISTORIC" FOOTPRINT

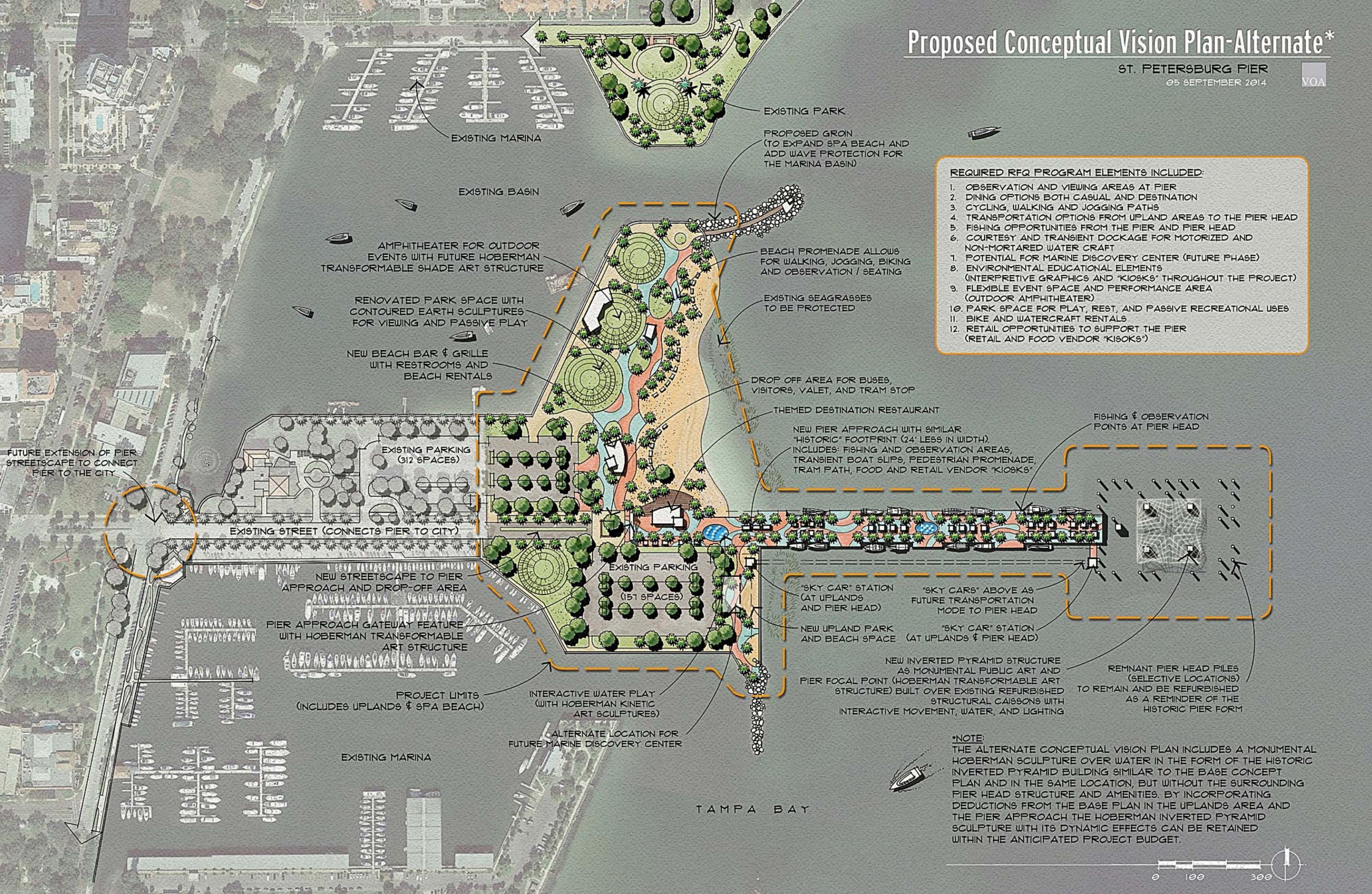
TAMPA BAY



Proposed Conceptual Vision Plan-Alternate*

ST. PETERSBURG PIER
05 SEPTEMBER 2014

VOA



- REQUIRED RFQ PROGRAM ELEMENTS INCLUDED:**
1. OBSERVATION AND VIEWING AREAS AT PIER
 2. DINING OPTIONS BOTH CASUAL AND DESTINATION
 3. CYCLING, WALKING AND JOGGING PATHS
 4. TRANSPORTATION OPTIONS FROM UPLAND AREAS TO THE PIER HEAD
 5. FISHING OPPORTUNITIES FROM THE PIER AND PIER HEAD
 6. COURTESY AND TRANSIENT DOCKAGE FOR MOTORIZED AND NON-MORTARED WATER CRAFT
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 8. ENVIRONMENTAL EDUCATIONAL ELEMENTS (INTERPRETIVE GRAPHICS AND "KIOSKS" THROUGHOUT THE PROJECT)
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 10. PARK SPACE FOR PLAY, REST, AND PASSIVE RECREATIONAL USES
 11. BIKE AND WATERCRAFT RENTALS
 12. RETAIL OPPORTUNITIES TO SUPPORT THE PIER (RETAIL AND FOOD VENDOR "KIOSKS")

***NOTE:**
THE ALTERNATE CONCEPTUAL VISION PLAN INCLUDES A MONUMENTAL HOBERMAN SCULPTURE OVER WATER IN THE FORM OF THE HISTORIC INVERTED PYRAMID BUILDING SIMILAR TO THE BASE CONCEPT PLAN AND IN THE SAME LOCATION, BUT WITHOUT THE SURROUNDING PIER HEAD STRUCTURE AND AMENITIES. BY INCORPORATING DEDUCTIONS FROM THE BASE PLAN IN THE UPLANDS AREA AND THE PIER APPROACH THE HOBERMAN INVERTED PYRAMID SCULPTURE WITH ITS DYNAMIC EFFECTS CAN BE RETAINED WITHIN THE ANTICIPATED PROJECT BUDGET.



SECTION THREE VOA

RELEVANT PROJECT EXAMPLES

REFERENCES

References for VOA Associates

Reference: Jay Litt, Executive Vice President
Waramaug Hospitality
Phone: (561) 997-0334
Email: jlitt@whamhg.com

Reference: John Linn, Project Executive
SeaWorld Parks & Entertainment
Phone: (407) 370-8761
John.Linn@SeaWorld.com

Reference: Frank Paris, Project Management
Walt Disney Imagineering
Phone: (407) 827-6580
Frank.Paris@disney.com

Reference: Kirk Sunderman, Project Manager
U.S. Army Corps of Engineers
Phone: (309) 794-5140

Reference: Stephen G. Donches
President and CEO
National Museum of Industrial History
Phone: (610) 694-6644

Reference: L. William Chapin, II, FAIA
Phone: (386) 255-4800
Email: lwchapin@earthlink.net

Reference: Brian Morrow
Sr. Director Attraction Dev. and Design
SeaWorld Parks & Entertainment
Phone: (407) 363-2124
brian.morrow@seaworld.com

Reference: Rob Donnels
Executive Director of Construction
Agua Caliente Band of Cahuilla Indians
Phone: (760) 883-1332



NAVY PIER CHICAGO, ILLINOIS

The waterfront reconstruction of Navy Pier is the result of a national design competition won by the VOA team. This comprehensive mixed-use renovation and reconstruction of Chicago's historic Navy Pier offers modern amusements and attractions for a new generation of Pier visitors. The project incorporates a multitude of family activities, including the Chicago Children's Museum, Smith Museum of Stained Glass, IMAX theater, 1,500-seat Skyline Stage, outdoor performing arts venues, specialty shops, boutiques, restaurants, and a Farmer's Market.

At the heart of Navy Pier is a new 60,000 square foot conference center and 170,000 square feet of exhibition facilities. Navy Pier embraces acres of indoor and outdoor parks, outdoor promenades and pleasure boat docks, world-class facilities for conventions and public events, an English Garden, art galleries, and indoor parking for 1,800 cars.

Design Excellence

VOA's design effort on Navy Pier is showcased through awards from various organizations including Chicago Building Congress, American Institute of Architects New England Chapter, American Institute of Architects Chicago Chapter, and Chicago Lighting Institute.

Client Metropolitan Pier & Exposition Authority (MPEA)
Project Cost \$210,000,000
Date Project started in 1991 with ongoing services through 2005
Client Contact Marilyn Kelly-Gardner, President & CEO, mgardner@mpea.com / (312) 595-5032

NAVY PIER CHICAGO, ILLINOIS



ICY STRAIT POINT HOONAH, ALASKA

VOA provided master planning for Icy Strait Point Master Plan and Workshop that is located in Hoonah, Alaska, west of Juneau. Icy Strait Point is a picturesque cruise destination with great natural resources for ecotourism and includes the historic cannery buildings used for shops, retail and restaurants and other existing site enhancements.

Key project program elements for the conceptual level master plan for Icy Strait Point included creating a new arrival area for guests at the pier area, a possible new welcome center and related amenities at the pier area, transportation "hub" to transfer guests from the pier to excursions or the main cannery area, new landscape and hardscape improvements as may be needed, and a review of pedestrian access in the pier area. Other possible enhancements could include additional retail / restaurant locations, kiosks opportunities, docking opportunities for water taxis and other water craft, and possible recreational activities.

Client Huna Totem Corporation

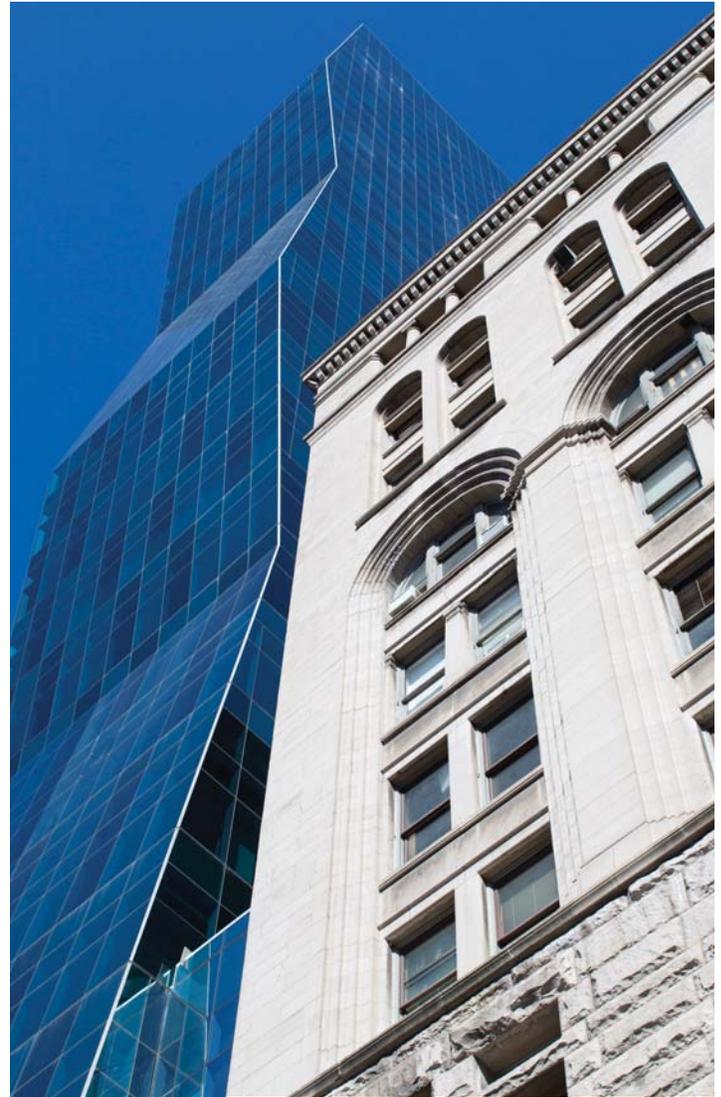
Contribution Jonathan Douglas, Architecture, Project Management; Greg Meyer, Landscape Architecture

Project Cost Approx. \$40,000 (Design only)
Estimated Construction budget: \$14,000,000

Date Design completed August 2014.
Construction begins in Fall 2014.

Client Contact Tyler Hickman, Vice President of Operations,
thickman@icystraitpoint.com / (907) 523-3670





ROOSEVELT UNIVERSITY CHICAGO, ILLINOIS

The Roosevelt University Student Life, Academic, and Residence Center is a 32-story mixed-use academic and residence building that has redefined the image of Roosevelt University. The building is located on a constrained urban site adjacent to the historic Auditorium Building designed by renowned Chicago architect Louis Sullivan.

The project consists of a 250,000 sf, 14 story academic, recreation and student life complex that is capped with an 18--story, 612--bed student residence hall. The first 14 stories consists of a 17,000 sf college of business; 45,000 sf of biology, chemistry, and physics labs; 30,000 sf of general academic classrooms; a 31,000 sf student services center; a 15,000 sf recreation center, a 30,000 sf student union and conference center, as well as loading, circulation, back of house, and atrium spaces. The residence center includes 73 double-occupancy,

two-room, semi-suite units and 80 single-occupancy, four-room, semi-suite units.

Site and natural daylight are key sustainable features of the LEED Silver design. The project reduces site disturbances by stacking all three building types vertically. Every level of roof has green roof materials. Abundant controlled daylight can be found in learning and living spaces to reduce electricity loads.

Client	Roosevelt University
Project Cost	\$125,000,000
Dates	Est. March 2012/ Act. July 2012
Client Contact	Charles Middleton, President, cmiddleton@roosevelt.edu / (312) 341-3800



THE HOUSE OF SWEDEN WASHINGTON, DC

A new glass-clad concrete structure located on the Georgetown waterfront known as the House of Sweden exemplifies Scandinavia's simple, modernist approach to design. The new Swedish Embassy in Washington DC, known as the House of Sweden, is housed in a dramatic new 85,000 square foot building situated at the convergence of the Potomac River and Rock Creek in Georgetown. The design consists of a lower podium element and a three-story, raised, illuminated glass-clad box.

The building is light and airy, with large glass segments. Light is a key element, both outside and in. A belt of backlit wood, which after dark will give a sense that the building is floating, appears around the entire body of the building. The House of Sweden stands on white pillars and is suffused with Nordic light. Composed of blond wood, glass and stone, the building materials work in layered unison. With its modern architecture and open activities, the House of Sweden adds a Scandinavian flair to the Washington Harbor.

The six-story House of Sweden dedicates two lower floors for embassy functions including conferencing, exhibitions, and special events. The two middle floors accommodate embassy administrative offices, and the top two floors house riverside apartments with extraordinary views across the Potomac River and toward landmarks such as the Kennedy Center, the Watergate and the National Mall. The building's design optimizes the uniqueness of its extraordinary site. Outdoor terraces and gardens are intended to harmonize with the public path along Rock Creek, as well as the natural landscape between the new embassy and the Potomac River.

Client Armada Hoffer/Lano International
Client Contact Chris Harvey, Director of Business Development, charvey@armadahoffler.com / (757) 366-6698

THE HOUSE OF SWEDEN WASHINGTON, DC

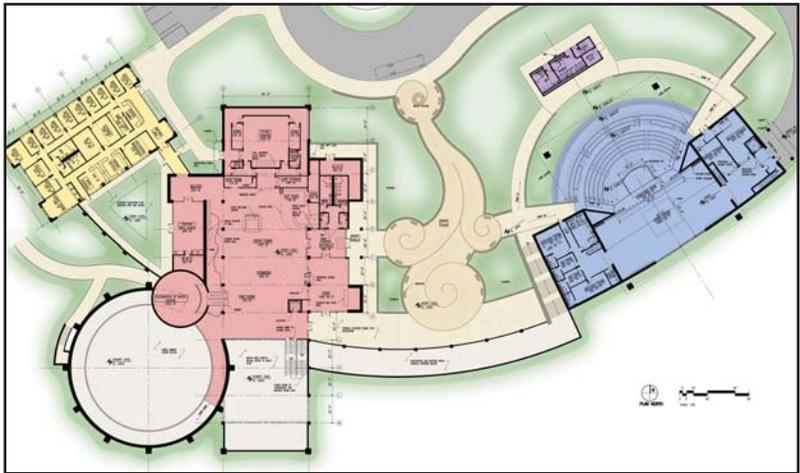


CORDOVA VISITOR CENTER ON THE ROCK PELLA, IOWA

The Cordova Center on the Rock is located on the bluffs overlooking Lake Red Rock, Iowa's largest lake. The project is a major resource based cooperative center and regional Environmental Visitor's Center, providing environmental learning while enhancing the quality of life for both visitors and residents. VOA provided Programming, Interpretive Planning, Master Planning, Architectural and Interior Design services for the new 35,000 SF visitors center, a 500-seat performance



amphitheater, classrooms, retail shop, restaurants, interactive exhibit area, administrative offices, outdoor exhibits, and rural cabins, and a network of trails and paths that is patterned after the Wolf Trapp model – connecting people, nature, and arts. The project's primary goal is to educate the public on environmental stewardship and build support for conservation of Iowa's land and water resources.



This project involves a series of interrelated educational, interpretive planning, entertainment and cultural components that encompass a large portion of Lake Red Rock's north shore. All buildings evidence a natural materials palette, integrating a generous use of stone with glass to convey a strong connection between the visitor experience and the outdoors.

Throughout the site, all buildings are subordinate to the landscape view, with parking areas embedded into the landscape.

The Cordova Center on the Rock is a partnership project, involving the Marion County Conservation Board, the Iowa Department of Natural Resources, the U.S. Army Corps of Engineers, and Central College. VOA is the lead consultant and includes Jack Rouse and Associates as Exhibit Designers and a team of national and local engineering and specialty consultants.

- Client** US Army Corps of Engineers
- Contribution** Jonathan Douglas, Architecture, Project Management
- Budget/Actual** \$62,000,000/unbuilt
- Date** Start date Feb 2006 / on hold
- Client Contact** Keith Sunderman, Project Manager, USACE, (309) 794-5140

CORDOVA VISITOR CENTER ON THE ROCK PELLA, IOWA (CONTINUED)



Project Highlights

This project is all about land and water stewardship, VOA's charge is to connect people with nature by design; to 'tell the story', about uplands watershed management and flood control of the Des Moines River, so that the citizens of Iowa and all visitors will have a legacy of understanding and appreciation for their natural resources. In light of the recent flooding in Iowa there is a dramatic need for public education regarding the role that soil conservation and watershed management play in the natural environment.

The Visitor's Center, which expands near the park's existing observation tower, is dedicated to engaging the visitor into the "Story of Water" through a variety of interactive exhibits and displays that demonstrate how a watershed works. The Center includes an indoor studio theater, a 400-seat meeting and banquet hall, a creative arts space and gift shop, and a café.

Another important aspect of this project involves further development of recreational opportunities in the area, to create a destination that offers an extended amount of activities that appeal to a larger segment of the public.

To do that, the interpretive plan must engage people in a variety of ways; to provide a series of connections that make for a compelling journey via an assemblage of attractions and activities that are all connected to the landscape. With this project, every aspect of the plan, from topography, site planning and landscape issues to building design, exhibits and signage, substantiates the message of land stewardship, thus providing value for both the guest and the operator.

As Iowa's premiere Welcome Center along with environmental education focusing on the story of "water and land", this multi-event venue is being registered to achieve LEED Gold certification.

VOA has led and participated in a series of design charrettes and public presentation workshops throughout the programming and design phases. Documents produced include a Program Report, Design Report, exterior renderings, a physical model of the project – showcased during the presentations, interior artist exhibit renderings, and interior design renderings.



CARILLON TOWN CENTER ST. PETERSBURG, FLORIDA

Located in the Carillon gateway Echelon City Center is a planned mixed use town center project. The project will have 1,500 residential units, over 480,000 square feet of office and includes 172,000 of retail space with a 120 key boutique hotel. The concept planning behind Echelon Town Center is based on the idea people want to be in places where they can connect with others and their environment. The new town square will be the heart of the project and will be the central focus for all residents, office workers and visitors.



Client Echelon

Contribution Jonathan Douglas, Architecture, Project Management; Daryl Le Blanc, Designer; Richard Reep, Designer; Greg Meyer, Landscape Architecture

Date Design completed May 2014

Client Contact Chris Eastman, Chief Development Officer & Sr. VP, ceastman@echelonre.com / (727) 803-8276

FLORIDA OCEANOGRAPHIC COASTAL CENTER STUART, FLORIDA

VOA provided interpretive master planning, architecture and interiors that illustrate all program areas, visitor sequences, budgets, phasing options, and proposed fees for future phases of design. Design objectives for the new 42,000 SF complex include:

- Providing areas for educational programs, exhibits, and places that engage children, adults, and families in interactive learning about Florida's coastal ecosystems tied to research and restoration programs;
- Designing a facility that incorporates sustainable elements that will address and meet LEED certification criteria;
- To assume a site that is free of invasive species;
- Imaginatively integrate research and education.

To achieve these design objectives the complex includes the Main Facility which consists of 34,000 SF distributed among five pavilions; an 8,000 SF Fishing & Aquaculture Center; and is situated on a site that surrounds the complex and plays an important role in telling the mission of the facility.

The architecture of the buildings are contemporary while keeping with traditional Floridian vernacular styles. There will be deep overhangs, covered walk-ways and a dynamic blending of interior and exterior spaces rendered in warm, natural and indigenous materials. The Center will be welcoming, engaging and a comfortable village in harmony with the surrounding natural environment.

- Client** Florida Oceanographic Society
- Contribution** Jonathan Douglas, Architecture, Project Management; Daryl Le Blanc, Lead Designer
- Date** Design completed May 2013; construction pending fundraising
- Client Contact** Mark Perry, Executive Director, (772) 225-0505 x103





RETAIL / DINING / ENTERTAINMENT VENUE ORLANDO, FLORIDA

The project will feature an eclectic and contemporary mix from the Client and other noteworthy brands. From boutique shops to unique flagship anchor stores, guests will be able to explore a variety of shopping, dining and entertainment experiences and discover options unlike any other currently available in Central Florida.

The project will double the number of shops, restaurants and other venues for guests to explore, resulting in more than 150 establishments. Possible retail tenants include: Lululemon Athletica, fye, Topshop/Topman, Trader Sam's, and MAC Cosmetics among others.

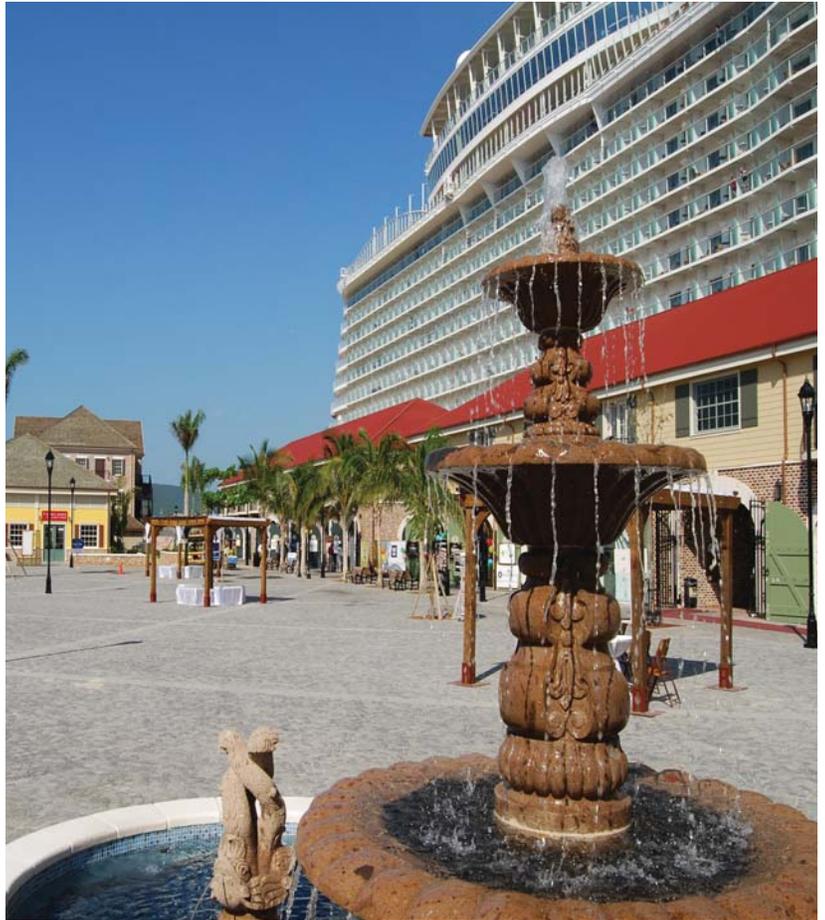
Drawing inspiration from Florida's waterfront towns and natural beauty, the project will include four outdoor neighborhoods interconnected by a flowing spring and vibrant lakefront.

In addition to a new gateway with a signature water tower and grand entry, the destination will feature:

- **The Town Center**, which offers a sophisticated mix of shopping and dining along with a promenade where guests can relax, refresh and reconnect.

- A colorful and thriving commercial district called **The Landing** with inspired dining and beautiful waterfront views.
- The family-friendly **Marketplace** that will continue to delight guests of all ages by combining new experiences, such as an over-the-water pedestrian causeway, along with classic Disney favorites, including an expanded World of Disney store.
- A **West Side** that provides an exuberant atmosphere with lively entertainment, along with a series of new elevated spaces that provide both shade and an overlook to the activity below.

Client	Walt Disney Imagineering
Contribution	Jonathan Douglas, Architecture, Project Management; Daryl Le Blanc, Lead Designer, Project Management Team; Richard Reep, Designer; Greg Meyer, Landscape Architecture; Alonso Rodriguez, BIM Manager
Budget/Actual	Confidential
Date	2013 - ongoing
Client Contact	Frank Paris, Project Management, frank.paris@disney.com / (407) 827-6580



HISTORIC FALMOUTH WHARF FALMOUTH, JAMAICA

This project included design services for the development of an historic 10-acre wharf district in the town of Falmouth, Jamaica within an overall 40-acre site. The design team preserved Falmouth’s unique heritage and culture while refurbishing the existing architecture for this multi-use site. Design features include a new cruise line terminal to support Genesis class cruise ships on the Caribbean. Also included in the design are retail shops, themed restaurants, trolley line, open market area, a small inn, and charter boat dock. The wharf district project, with its emphasis on historic preservation, provided the creative lead for the redevelopment of the City of Falmouth, recognized by the United Nations as a World Heritage Site.

Award:
Best Cruise Port Caribbean 2012

Client	Port Authority of Jamaica
Contribution	Greg Meyer, Landscape Architecture and Land Planning
Budget/Actual	\$340,000 / \$380,000 (Design)
Date	2009
Client Contact	William Tatham, Vice President, wtatham@portjam.com / (876) 922-0290

Individual experience of Greg Meyer



DISNEY'S CASTAWAY CAY BAHAMAS

Disney's Castaway Cay, a private island paradise located off the tip of Great Abaco Island, Bahamas, offers guests the opportunity to indulge in a Caribbean island experience. The 1,000-acre island is used as a day-long getaway for Disney Cruise Line guests. Activities include snorkeling, swimming and water play, as well as bicycling and hiking along nature trails with signs describing the flora of the island. Scope of work included conceptual land planning and full design services through construction administration.

Design Excellence

The Florida American Society of Landscape Architects (ASLA) presented an Award of Excellence for Disney's Castaway Cay in 2000. The annual award recognizes outstanding landscaping architecture, as determined by an independent jury of landscape professionals.

Client Walt Disney Imagineering
Contribution Greg Meyer, Landscape Architecture
Budget/Actual \$120,000 / \$180,000
Date 2010
Client Contact Dave Smith, Principal Construction Manager, david.r.smith@disney.com / (407) 827-4422

Individual experience of Greg Meyer





NEW PORT TAMPA BAY TAMPA, FLORIDA

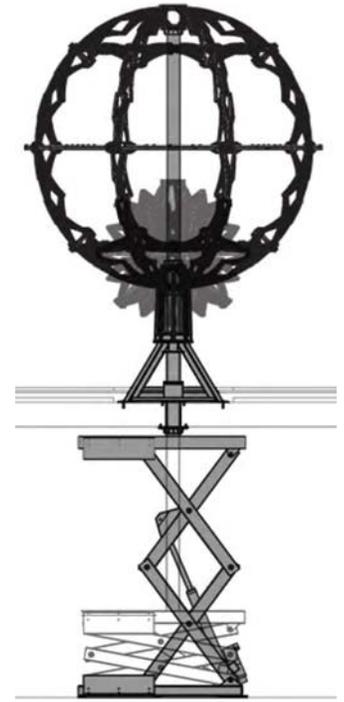
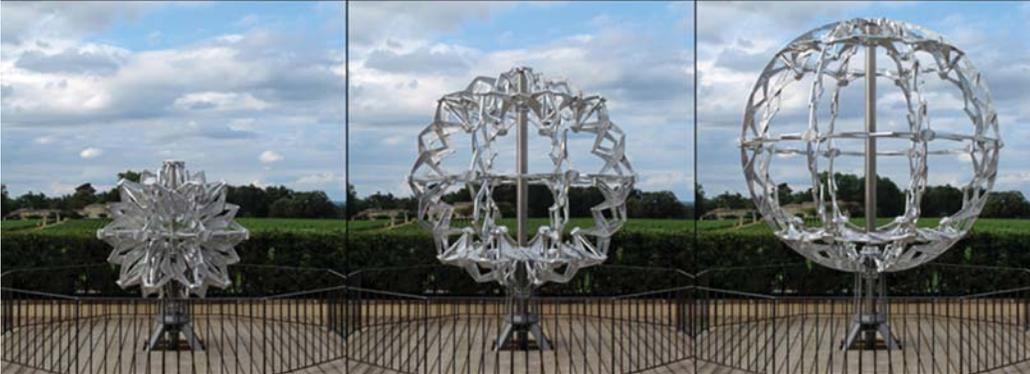
Planned as part yacht harbor and part urban oasis, New Port Tampa Bay is a modern interpretation of the classic urban waterside village. A new, mixed-use residential condominium, retail, office, hotel and marina project, New Port is located on a 52-acre site directly on Tampa Bay in Tampa, Florida. New Port blends private residential offerings and resort-style amenities with contemporary city amenities and inviting public attractions.

Features of Phase I include an urban streetscape along Bridge Street and a maritime-themed Marina Esplanade. Two 17-story condominium towers, the Marina Towers I & II, feature pools, spas, landscaped areas, overhead shade structure and cabanas. Centered around a yacht harbor, New Port captures a true sense of community with the colorful spirit of Florida coastal living and the energy of a modern waterfront city.

Scope of work included land planning and site design for this project.

- Client** Ascentia Development Group
- Contribution** Greg Meyer, Landscape Architecture
- Budget/Actual** \$280,000 / \$320,000
- Date** 2008
- Client Contact** Steve Barber, Project Manager, steveb@adgcommunities.com / (941) 309-5383

Individual experience of Greg Meyer



CHATEAU SMITH HAUT LAFITTE BORDEAUX, FRANCE

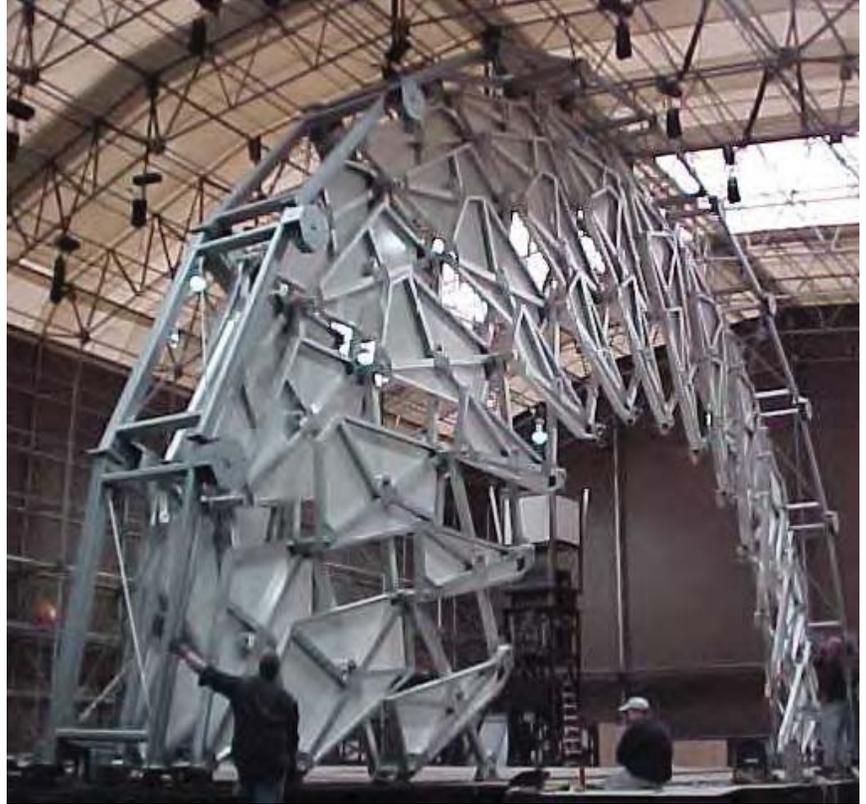
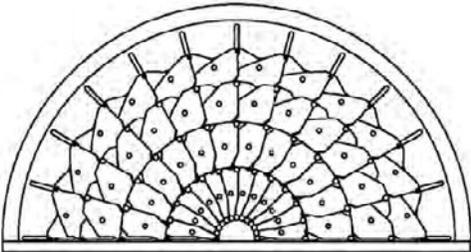
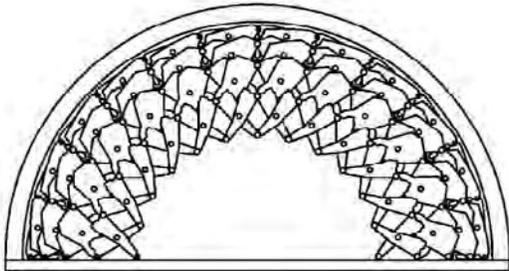
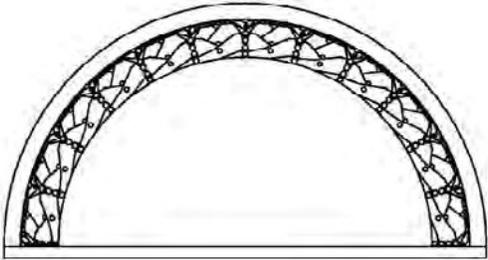
Entitled *Nouaison* (First Growth), the signature art piece was commissioned by the notable Bordeaux vineyard Château Smith Haut Lafitte—a vineyard with history dating back to the 14th century and including ownership by an 18th century Mayor of Bordeaux. The sculpture takes its name from a French term describing the stage of growth when grapevines first develop their fruit—a critical moment in wine production.

Situated on the main terrace of the winery, directly overlooking the grapevines, the freestanding expanding sphere begins at a very human scale—retracted to eye-level for viewers in close proximity. As it transforms, the sphere both extends outward and rises off of its pedestal, growing to nearly four meters tall. From below, the sculpture gradually swells into view and becomes a prominent feature as seen from the surrounding grape rows. Commissioned by Château owners Daniel and Florence Cathiard, *Nouaison* continues the Cathiard's 15-year tradition of collecting monumental sculptures. Hoberman's artwork sits alongside works by the Italian artist Mimmo Paladino, American artists Barry Flanagan and Jim Dine, Chinese artist Wang Duand, Korean artist Chul Hyun Ahn, and British artist Sir Anthony Caro.

Created as a site-specific artwork, Hoberman's sculpture combines graceful curves with precise details and strong

patterning—patterning that both conceptually reflects the Château's 'terroir', and visually reflects the lighting and coloring of its lush surroundings. A seemingly random disbursement of deeply engraved hatch patterns creates a varied surface reminiscent of cubist sculpture or stippled impressionist painting. As the sculpture transforms, its individual parts rotate and pick up the direct and reflected sunlight in different ways—catching and transmitting colors from first the bluebird sky, then the terracotta roof of the winery, then the deep greens and mahoganies from the surrounding countryside.

Fabricated out of aircraft grade aluminum with CNC machining, each of the 224 struts and 54 hubs are given their hatch pattern through deep-set, exaggerated passes of the milling tool. The hands-on, artisan machining process, honest materiality and intricate detailing reflects the craftsmanship of the vineyard's cooperage (barrel making). The parallel machined rows abstractly reference both the orderly grape-rows and a birds-eye view onto the patchwork of the Château's vine plots. In this context, the movement and materiality of the Sphere respond to, and take on, characteristics of its ever-changing environment—from the swirling morning mists to the dramatic French sunsets.



OLYMPIC ARCH SALT LAKE CITY, UTAH

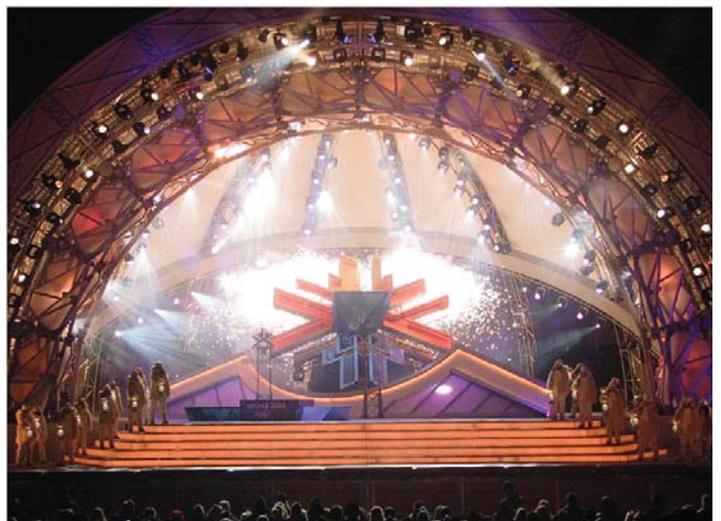
The Hoberman Arch is a 10.7m tall, 22m wide transforming curtain that was installed in front of the stage at Olympic Medals Plaza. It provided a magical, artistically engineered performance—including music, lighting, and dancers—to signal the start of the each evening's medal ceremony, witnessed by an estimated 3.5 billion people worldwide. When open, it revealed the Olympic flame.

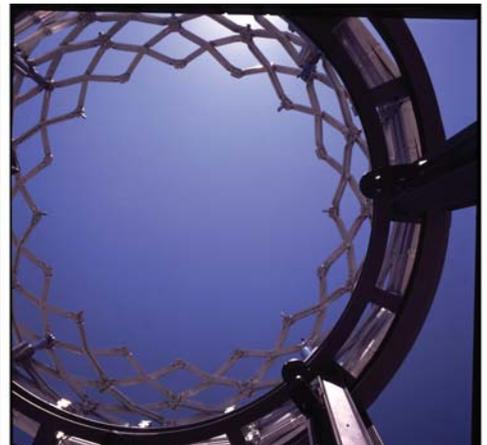
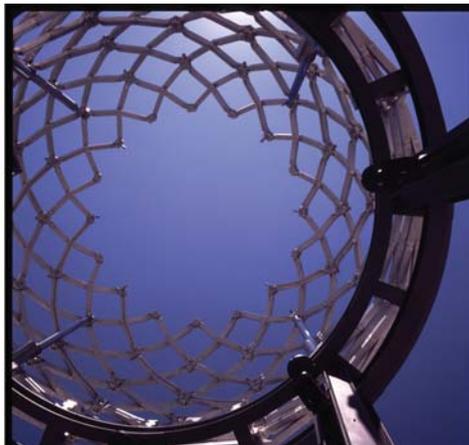
The conceptual design of the Hoberman Arch combined pioneering mechanical and structural technology; the screen is both a mobile mechanism and load-resisting structure.

It is an example of structure/mechanism synergy in that the main struts provide the operational geometric symmetry and mechanical impulse, and also have the required strength to carry panel loads.

Client	2002 Winter Olympics
Contribution	Chuck Hoberman, Design Principal, Technology Inventor and Patent Holder
Date	2002

OLYMPIC ARCH SALT LAKE CITY, UTAH





EXPO 2000 HANOVER, GERMANY

The first outdoor installation of the Iris Dome appeared beside the German Pavilion at Expo 2000—the World’s Fair in Hannover, Germany. The Dome celebrated the reconstruction of Dresden’s legendary Frauenkirche Cathedral, which was destroyed during World War II. The structural profile recalled the dome of the original cathedral. Suspended on a colonnade, visitors could enter

the cupola formed by the dome to view a scale model of the reconstructed cathedral.

Client	2000 World’s Fair
Contribution	Chuck Hoberman, Design Principal, Technology Inventor and Patent Holder
Date	2000



U2 360 TOUR VIDEO SCREEN VARIOUS LOCATIONS

Hoberman Associates and Buro Happold, in support of Innovative Designs and its parent company Barco, created the centerpiece for the U2 360° tour – the Expanding Video Screen.

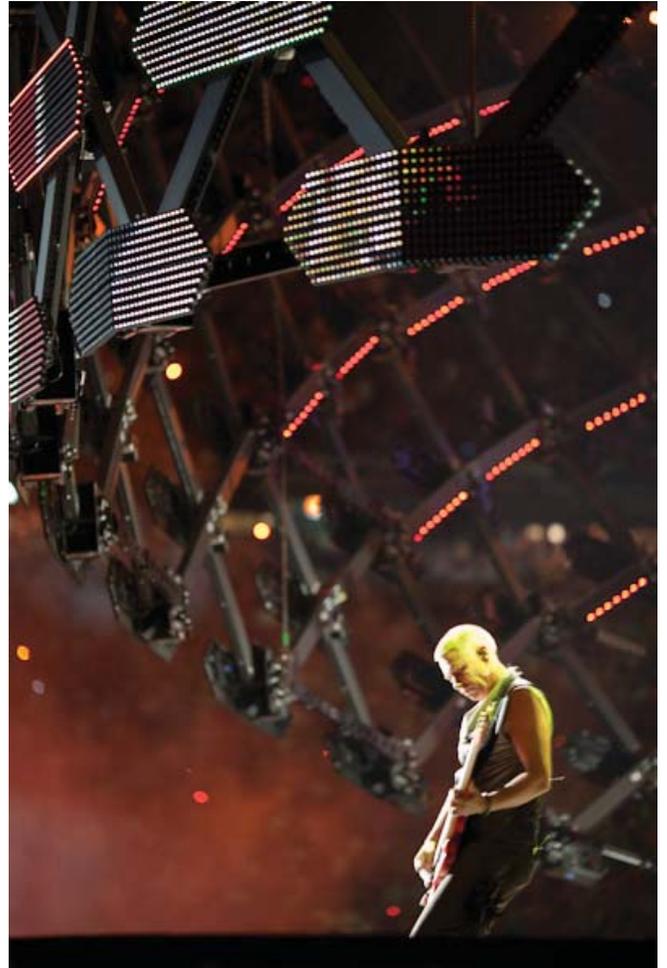
While large video screens are a familiar fixture for arena style rock concerts, U2 was looking for something unprecedented for its 360° tour – a giant screen that could change its size and shape.

Hoberman, along with U2's creative team of Willie Williams and Mark Fisher, and Frederick Opsomer of Innovative Designs, collaborated to conceptualize this fusion of architecture, stage scenery and extreme technology. They came up with a design for an elliptical video display, approximately the size of a tennis court that could morph into a 7-story high cone-shaped structure, enveloping the band as it extends.

To create the Expanding Video Screen's atypical design, Hoberman and its structural engineering partners, Buro Happold, had to overcome multiple technical challenges. These included: designing a structure that could withstand high winds and inclement weather, last the rigors of an 18-month tour, and be able to assemble in eight hours and disassemble in six hours for transport.

Client	U2 360° Tour
Contribution	Chuck Hoberman, Concept Co-Designer, Project Lead for Screen Mechanics
Date	2009

U2 360 TOUR VIDEO SCREEN VARIOUS LOCATIONS





KEY PERSONNEL

Greg A. Meyer, PLA

LEAD DESIGNER
VOA ASSOCIATES

Greg Meyer has over 32 years of experience in hospitality and resort design, planning, entertainment design, urban design, and landscape architecture. His attention to clients' needs helps cultivate creative design solutions that are unique, environmentally responsive, and integrated with project goals and budgets.

Greg enjoys the interaction of each project undertaken with his clients and the design team as the design process unfolds from concept to built reality. In addition to work throughout the United States and the Caribbean, Greg's portfolio includes projects in South America, China and the Middle East.

RELEVANT PROJECT EXPERIENCE:

Carillon Town Center Development St. Petersburg, Florida

VOA provided master planning services for the Echelon City Center mixed use town center project. Creating a new town center at Carillon will serve the growing residential population of north St. Petersburg. The project will have 1,500 residential units, over 480,000 square feet of office and includes 172,000 of retail space with a 120 key boutique hotel. The new town square will be the heart of the project and will be the central focus for all residents, office workers and visitors.

Icy Strait Point Master Plan Hoonah, Alaska

VOA provided master planning for Icy Strait Point Master Plan and Workshop that is located in Hoonah, Alaska, west of Juneau. Icy Strait Point is a picturesque cruise destination with great natural resources for ecotourism and includes the historic cannery buildings used for shops, retail and restaurants and other existing site enhancements.

Disney Springs Reconstruction Project Orlando, Florida

VOA is providing Architectural services for the mixed-used entertainment redevelopment. From boutique shops to unique flagship anchor stores, guests will be able to explore a variety of shopping, dining and entertainment experiences and discover options unlike any other currently available in Central Florida. The project will double the number of shops, restaurants and other venues for guests to explore, resulting in more than 150 establishments.



EDUCATION

Bachelor of Landscape Architecture,
University of Florida

REGISTRATION

Registered Landscape Architect:
Florida, Texas and California
LEED Accredited Professional

MEMBERSHIPS

Past Member, City of Orlando Municipal
Planning Board; Themed Entertainment
Association; Central Florida Hotel &
Lodging Association



HISTORIC PORT OF FALMOUTH
FALMOUTH, JAMAICA

GREG A. MEYER, PLA
LEAD DESIGNER



ADDITIONAL PROJECT EXPERIENCE

**Historic Port Of Falmouth
Falmouth, Jamaica**

Provided design services for the development of a historic 10-acre wharf district within the 40-acre site. The design preserved Falmouth's unique heritage and culture while refurbishing the existing architecture for the multi-use site. Design features included a new cruise line terminal, retail, restaurants, trolley line, open market area, hotel.

**New Port Tampa Bay
Tampa Bay, Florida**

Provided planning services for the 52 acre yacht and urban oasis development. The New Port Tampa Bay design is a modern interpretation of the classic urban waterside village that includes mixed-use residential condominiums, retail, restaurants, hotel, and marina project. Centered around a yacht harbor, the project captures a true sense of community with the colorful spirit of Florida coastal living and the energy of a modern waterfront city.



**Disney's Castaway Cay,
Castaway Cay, Bahamas**

Disney's Castaway Cay, a private island paradise located off the tip of Great Abaco Island, Bahamas, offers guests the opportunity to indulge in a Caribbean island experience. The 1,000-acre island is used as a day-long getaway for Disney Cruise Line guests. Activities include snorkeling, swimming and water play, as well as bicycling and hiking along nature trails with signs describing the flora of the island. Scope of work included conceptual land planning and full design services through construction administration.

AWARD: Florida American Society of Landscape Architects (ASLA), Award of Excellence

DISNEY'S CASTAWAY CAY
BAHAMAS

**7th Harbor
Kingston, Jamaica**

7th Harbor is a destination resort and entertainment area comprised of an open air arena, themed restaurants and a 200-room resort overlooking Kingston Harbor. The centerpiece of the resort is the Grand Marina where guests dock their boats or gaze at one of many yachts moored at the radial piers that jut off into Kingston Harbor. The Center Hub of the Grand Marina is an entertainment destination in itself. Harkening back to the entertainment boardwalks of bygone days, the Center Hub is a small wharf-side amusement park full of midway redemption games, food beverage pavilions, outdoor stages, and a themed indoor air-conditioned carousel. The focal point of the hub will be its signature six story Ferris wheel that will overlook the entire resort and Kingston Harbor.



NEW PORT TAMPA BAY
TAMPA, FLORIDA

Chuck Hoberman

**LEAD SCULPTURE ENGINEER
HOBERMAN ASSOCIATES, INC.**

Chuck Hoberman is the founder of Hoberman Associates, a multidisciplinary practice with clients ranging across sectors including consumer products, deployable shelters, and space structures. Examples of his commissioned work include the transforming LED screen that served as the primary stage element for the U2 360° world tour and the Hoberman Arch in Salt Lake City, installed as the centerpiece for the Winter Olympic Games (2002). Other noteworthy commissions include a retractable dome for the World's Fair in Hanover, Germany (2000); the Expanding Hypar (1997) at the California Museum of Science and Industry; and the Expanding Geodesic Dome (1997) at the Centre Georges Pompidou in Paris.

Hoberman's work has been exhibited several times at the Museum of Modern Art in New York. He won the Chrysler Award for Innovation and Design in 1997. Hoberman is a Visiting Scholar at Harvard University's Wyss Institute for Biologically Inspired Engineering.

RELEVANT PROJECT EXPERIENCE:

Chateau Smith Haut Lafitte, Bordeaux, France

Entitled Nouaison (First Growth), the signature art piece was commissioned by a notable Bordeaux vineyard with history dating back to the 14th century. The sculpture takes its name from a French term describing the stage of growth when grapevines first develop their fruit—a critical moment in wine production.

Atlanta Falcons Stadium, Atlanta, Georgia

Design development of a retractable roof (100,000 square foot opening) for a new stadium scheduled for completion in 2017. The roof design is an unprecedented mechanism based on an octagonal aperture with linear movements of structural panels.

U2 360 Tour

Expanding Video Screen, a 7-story high expanding conical form with integrated digital video screens, the stage centerpiece for a travelling rock music show.

Olympic Arch, Salt Lake City, Utah

72-foot diameter retractable arch which formed the centerpiece of the Olympics Medals Plaza stage. Currently installed at University of Utah.

Expo 2000, Hanover, Germany

Retractable 20-foot dome for World's Fair, installed in front of the German pavilion. The exhibit celebrated the reconstruction of the Frauenkirche Cathedral.



EDUCATION

MS, Mechanical Engineering, Columbia University

Bachelors of Fine Arts, Sculpture, Cooper Union

CURRICULUM VITAE

Companies

Adaptive Building Initiative, LLC (ABI)

Founded 2008

ABI develops adaptive technologies for the building industry (primarily dynamic facades and operable roofs) in connection with major architectural projects. Since its founding, ABI has designed and built a series of dynamic facades and operable roofs in the US, Japan and the Mideast. ABI is a joint venture between Hoberman Associates, Inc. and Buro Happold, LLC.

Hoberman Designs, Inc.

Founded 1994

Hoberman Designs is the creator of Hoberman toy products – a line of transformable, interactive products for kids based on the inventions of Chuck Hoberman. These products have won numerous awards, and are known around the world. Its flagship product, the Hoberman Sphere, is in the permanent design collection at The Museum of Modern Art.

Hoberman Associates, Inc.

Founded 1990

Hoberman Associates is a multidisciplinary practice that utilizes transformable principles for a wide range of applications including consumer products, deployable shelters and structures for aerospace. It creates transformable artwork for museums, collectors, corporations, theatrical productions and major events such as Olympics and World's Fairs.

Teaching & Research

Harvard Graduate School of Design, Visiting Lecturer

2012 – Ongoing

Course - Transformable Design Methods – Fall 2012 & 2013

A seminar / workshop that covers practical methods for designing objects that can change their size, shape, and surface. Topics include introduction to mechanism design, expanding structures, kinetic origami, shape-changing structures, and dynamic architectural surfaces. Students produce group projects where they fabricate physical pieces demonstrating physical transformation.

Course - Informal Robotics: - Fall 2014

A course that explores robotic devices that are light, flexible, compliant, customized, printable, and soft: i.e. 'informal'. Lectures and workshops cover mechanisms, fabrication techniques, electronics and programming to enable students to create & demonstrate their own original designs. The topic will be explored from multiple perspectives. Going beyond traditional engineering approaches, the course will also consider new opportunities for design at the product, architectural, and urban scales.

Massachusetts Institute of Technology, Visiting Lecturer

2013 – Ongoing

Course - Mechanical Invention through Computation: - Spring 2013 and 2015 (planned)

This class explored a range of methods to engage the inventive process: from traditional brainstorming to new computational tools. Topics include: kinematic analysis & synthesis, self-actuated form-creation through origami and other means, design of transformable structures, and strategies for automated control. Class assignments were both physical mechanisms and software that facilitated parametric design exploration of mechanisms.

Wyss Institute for Biologically Inspired Engineering at Harvard University, Visiting Scholar

2009 – Ongoing

The mission of the Wyss Institute is “*is to develop biologically inspired materials and devices and to translate these transformative technologies into products that have an impact on society and the world.*” As a visiting scholar, I consult with Wyss faculty and researchers on directing their scientific work towards practical, commercial directions.

Education

Columbia University, MSME, June, 1985

1981-1985

Cooper Union, BFA, June, 1979

1976-1979

Brown University

1974-1976

AWARDS

<i>Columbia University Egleston Medal for Distinguished Engineering Achievement</i>	2014
<i>ID Magazine Annual Design Review (for adaptive fritting)</i>	
<i>IDSA IDEA Silver Award (Products, Adaptive Fritting)</i>	2010
<i>IDSA IDEA Silver Award (Environments, Emergent Surface)</i>	2010
<i>R+D Award Citation for HelioTrace</i>	2010
<i>Center for Architecture Citation for HelioTrace</i>	2010
<i>Wyss Prize for Bioinspired Architecture</i>	2009
<i>LDI award for excellence in video design</i>	2009
<i>IDSA IDEA Silver Award (Environments)</i>	2008
<i>IDSA IDEA Bronze Award (Products)</i>	2008
<i>Oppenheim Toy Platinum Award (Expandagon)</i>	2000
<i>Oppenheim Toy Platinum Award (Switch Kick)</i>	2004
<i>Oppenheim Toy Platinum Award (Flip- Out!)</i>	2005
<i>Augustus Saint-Gaudens Award</i>	2002
<i>National Design Award Finalist</i>	2000
<i>World Technology Award Finalist</i>	1999
<i>Parent's Choice Gold Award</i>	1998
<i>Chrysler Award</i>	1997
<i>Graham Foundation Grant</i>	1997
<i>40 Under 40 Award</i>	1995
<i>NASA Certificate of Recognition</i>	1992
<i>National Endowment for the Arts Grant</i>	1991
<i>NYSCA Independent Project Award</i>	1991
<i>IDSA IDEA Silver Award</i>	1991

PATENTS

<i>US 8,615,970</i>	<i>Panel Assemblies having Controllable Surface Properties</i>	2013
<i>US 7,948,425</i>	<i>Expandable Signal Calibration Target</i>	2011
<i>US 7,794,019</i>	<i>Folding Structures made of Thick Hinged Sheets</i>	2010
<i>US 7,644,721</i>	<i>Synchronized Parallel Four-Bar Linkages</i>	2010
<i>US 7,540,215</i>	<i>Synchronized Ring Linkages</i>	2009
<i>US 7,584,777</i>	<i>Panel for Variable Shading and Ventilation</i>	2009
<i>US 7,559,174</i>	<i>Covering Structures having overlapping panels</i>	2009
<i>US 7,464,503</i>	<i>Geared Expanding Structures</i>	2008
<i>US 7,125,015</i>	<i>Transforming Puzzle</i>	2006
<i>US 7,100,333</i>	<i>Loop Assemblies Having a Central Link-Pair</i>	2006
<i>US 6,834,465</i>	<i>Folding Covering Panels for Expanding Structures</i>	2004
<i>US 6,739,098</i>	<i>Structures Comprised of Interlinked Panels</i>	2004
<i>US 6,190,231</i>	<i>Continuously Rotating Mechanisms</i>	2001
<i>US 6,219,974</i>	<i>Expandable Structure having Polygon Links</i>	2001
<i>US 6,082,056</i>	<i>Expandable Structure having Polygon Links</i>	2000
<i>US 5,234,727</i>	<i>Curved Pleated Sheet Folding Structure</i>	1993
<i>US 4,981,732</i>	<i>Reversibly Expandable Pleated Sheet Structure</i>	1991
<i>US 5,024,031</i>	<i>Radial Expansion / Retraction Truss Structure</i>	1991
<i>US 4,942,700</i>	<i>Reversibly Expandable Curved Truss Structure</i>	1990
<i>US 4,780,344</i>	<i>Reversibly Expandable Three - Dimensional Structure</i>	1988

COMMISSIONED SCULPTURES

Mark and Kim Standish Residence 2014

Expanding Sphere, 2 meter diameter, installed in the Standish's Sarasota home.

Ulises Liceaga Residence 2013

Three transformable sculptures constructed of free-form stainless steel tubes that demonstrate morphing volumes

Phaeno Science Center 2013

Phaeno, an interactive science center in Wolfsburg, Germany, has installed a 4.5-meter expanding sphere as part of their new special exhibition "math X - The Magic of shapes and patterns". The exhibition, facilitated by Deutsche Telekom AG, will run through the end of 2013.

Detroit Auto Show 2012

Multiple expanding spheres in anodized aluminum growing from 4 feet to 15 feet in diameter, part of the Ford Lincoln booth.

Chateau Smith Haut Lafitte 2012

Entitled Nouaison (First Growth), the signature art piece was commissioned by a notable Bordeaux vineyard with history dating back to the 14th century. The sculpture takes its name from a French term describing the stage of growth when grapevines first develop their fruit—a critical moment in wine production.

Korea Aerospace Research Institute 2011

Design and construction of a gold-anodized aluminum expanding sphere, permanently installed, that grows from 5 feet to 19 feet in diameter.

Simons Center for Geometry & Physics 2010

State University of New York at Stony Brook, NY
A transforming 18 feet wide by 22 feet tall façade, permanently installed, that continually shifts to create new geometric patterns while providing shading control for the south-facing building.

Discovery World at Pier Wisconsin, Milwaukee 2006

36-foot high expanding helicoid, permanent central exhibit for interactive science museum located on Lake Michigan.

Papagayo Museum, Mexico 2005

Tabasco, Mexico
15-foot color-changing tetrahedron, permanent central exhibit for interactive children's museum.

Royal Caribbean Cruise lines 2000-2004

Series of expanding sculptures, permanent displays for royal esplanade on ships Eagle II, Voyager IV and Mariner.

Expo 2000, Hanover, Germany 2000

Retractable 20-foot dome for World's Fair, installed in front of the German pavilion. The exhibit celebrated the reconstruction of the Frauenkirche Cathedral. Currently re-installed in Hamburg.

Inventor's Hall of Fame, Akron, Ohio 1998

Sculpture of Expanding Helicoid. Commission to construct kinetic sculpture for permanent installation as part of a percent-for-art program.

Imagination Chamber, Sapporo, Japan 1997

Design of a permanent atrium sculpture— an expanding geodesic sphere that spans 4.5 feet when closed, 18 feet when open.

The American Museum of Natural History 2000

Expanding sphere to represent the Big Bang. 7-foot diameter black-anodized sphere contains phosphorescent tabs representing galaxies flying apart.

Museo Mirador, Santiago, Chile 1999

Permanent exhibit of six expanding 6-foot diameter spheres arranged in a spiral, programmed to create choreographed display.

California Science Center, Los Angeles 1998

Permanent lobby sculpture - an expanding Hyperbolic Paraboloid that spans 50 feet when open, 15 feet when closed.

Inventor's Hall of Fame, Akron, Ohio 1998

Expanding Helicoid sculpture (9 feet tall by 6 feet wide), permanent exhibit as part of a percent-for-art program.

Technorama der Schweiz, Switzerland 1993

Aluminum expanding geodesic sphere installed in museum as permanent exhibit.

Liberty Science Center, New Jersey 1992

Design and construction of permanent central exhibit – an expanding geodesic sphere that spans 4.5 feet when closed, 18 feet when open.

MUSEUM EXHIBITS

Archeology of the Digital (travelling)

Archeology of the Digital is an exhibition that delves into the genesis and establishment of digital tools for design conceptualization, visualization and production at the end of the 1980s and the beginning of the 1990s. Four designers and architects are included: Hoberman, Frank Gehry, Peter Eisenman and Shoji Yoh. Curator is Greg Lynn.

Yale University School of Architecture 2014
Paul Rudolph Hall Exhibition Gallery

Canadian Centre for Architecture 2013

Living Form (travelling)

20 Years of Transformable Design: Retrospective of the work of Chuck Hoberman, venues include:

University of Stuttgart, Germany 2011

The Building Centre, London, UK 2011

POLA Museum Annex, Tokyo, Japan 2010

The Museum of Modern Art, New York 2010

'Action' - an exhibit that included the Hoberman Sphere toy within a group of objects that has been recently acquired by MoMA for their permanent design collection.

Cooper Hewitt National Design Museum, NY 2006

'Design Life Now: National Design Triennial' included the RDS (Rapidly Deployable Shelter),

The Museum of Modern Art, New York 2008

Emergent Surface, an 18 feet tall by 12 feet wide transforming surface, commissioned for the exhibition 'Design and the Elastic Mind'

Centre Georges Pompidou, Paris 1997

Transforming architectural models as part of 'L'art de l'ingénieur,' exhibit on architectural engineering of the 20th century.

The Museum of Modern Art, New York 1994

Projects exhibit showing Iris Dome, retractable stadium roof. Included a working scale model and a working section of a 60 foot diameter dome

Cooper Union, New York 1991

'Patents and the Process of Invention,' display of Folding Structures and their respective patents.

ARCHITECTURAL PROJECTS

Suzuki Residence 2013 - ongoing

Hakone, Japan

Architect: Yasuda Atelier

Design and construction of exterior mechanical curtains, made of perforated stainless steel. 4 units are being built, each 9 meters wide X 4 meters high.

Atlanta Falcons Stadium 2013 - ongoing

Atlanta Georgia

Architect: 360 Architecture

Design development of a retractable roof (100,000 square foot opening) for a new stadium scheduled for completion in 2017. The roof design is an unprecedented mechanism based on an octagonal aperture with linear movements of structural panels.

Aldar Central Market 2010

Abu Dhabi, United Arab Emirates

Architect: Foster + Partners

Design of exterior shading roofs for three public squares within a retail complex in Abu Dhabi. The kinetic design works off of an operable grid. This shading roof appears similar to a traditional coffered Islamic roof; when retracted, it becomes a slender lattice.

POLA Ginza Building Facade 2011

Tokyo, Japan

Architect: Yasuda Atelier

Adaptive shading system for the new showroom building of POLA, a Japanese cosmetics manufacturer in the Ginza district of Tokyo.

KAFD Portal Spas 2011 - ongoing

Riyadh, Saudi Arabia

Architect: WorksBureau

Implementing Tessellate technology on its first major building in the King Abdullah Financial District of Riyadh Saudi Arabia. A full-scale working mockup has been fabricated out of eye-catching color-interference titanium.

LIVE ENTERTAINMENT PROJECTS

U2 360° Tour 2009-2011

Expanding Video Screen, a 7-story high expanding conical form with integrated digital video screens, the stage centerpiece for a travelling rock music show.

2002 Winter Olympic Games, Utah 2002

72-foot diameter retractable arch which formed the centerpiece of the Olympics Medals Plaza stage. Currently installed at University of Utah.

PRESS

<i>domus</i>	<i>Archeology of the Digital</i>	2013	<i>Werkzeug (Austria)</i>	<i>Konstruktivist</i>	1998
<i>Sports Business Journal</i>	<i>NY Architect designs shape of roofs to come</i>	2013	<i>Wired</i>	<i>Transformer: Mechanical magician Chuck Hoberman makes ever bigger creations that get smaller all the time.</i>	1998
<i>Azure Magazine</i>	<i>From Breathing Buildings to Illuminated Highways</i>	2013	<i>New York Times Home Design</i>	<i>Toying with Science</i>	1998
<i>Architect</i>	<i>A Clockwork Shade</i>	2011	<i>New York Times</i>	<i>Currents – Inventor at Work Roll Over, Buckminster Fuller: Is It a Geodesic Sphere</i>	1997
<i>Fast Company</i>	<i>Shape Shifters</i>	2011	<i>Detail</i>	<i>Temporary Unfolding Architecture</i>	1996
<i>Lighting and Sound America</i>	<i>U2: The tour lays down a gauntlet00 for the industry</i>	2011	<i>ARCH + Interiors</i>	<i>Folding in Architecture</i>	1996
<i>Live Design</i>	<i>The Top Concert Designs of ALL TIME: U2 360 Tour</i>	2011	<i>New York Times</i>	<i>40 Under 40</i>	1995
<i>Architectural Record</i>	<i>Hoberman's "transformable design" idea gains momentum</i>	2011	<i>New York Times</i>	<i>It's the Future and It's Weird (Profile of Liberty Science Center)</i>	1995
<i>a+u (Japan)</i>	<i>Expanding Video Screen for U2 360 Tour</i>	2011	<i>ANY Magazine</i>	<i>Mech-in-tecture issue (3 engineers, sitting around talking)</i>	1995
<i>Axis (Japan)</i>	<i>From Transformable Design to Adaptive Design</i>	2009	<i>Architecture</i>	<i>Structural Inventor</i>	1994
<i>Surface, Emerging Ideas</i>	<i>a changed man</i>	2008	<i>Progressive Architecture</i>	<i>Retractable Dome displayed at MoMA</i>	1994
<i>Seed</i>	<i>Science is Culture: Chuck Hoberman and Lisa Randall</i>	2007	<i>New York Times</i>	<i>Art in Review (review of exhibit at The Museum of Modern Art)</i>	1994
<i>Columbia</i>	<i>The Future of Tents</i>	2006	<i>Wall Street Journal</i>	<i>Form + Function: Toys, Tents and Domes that Began as Art</i>	1993
<i>Popular Science</i>	<i>The Goods: Brain Twist</i>	2004	<i>l'Arca</i>	<i>The Iris Dome</i>	1993
<i>Dialog (Korea)</i>	<i>Unfolding Structures: How to Construct Buildings that Move</i>	2003	<i>New York Nomadic Design</i>	<i>Expanding Globe at Liberty Science Center</i>	1993
<i>The New Yorker</i>	<i>Annals of Invention, Child's Play</i>	2003	<i>Architectural Design</i>	<i>Unfolding Architecture</i>	1993
<i>The New York Times</i>	<i>For the Olympics, a Most Athletic Curtain</i>	2002	<i>International Design</i>	<i>Expanding Architecture's Definition</i>	1993
<i>Time Magazine</i>	<i>A New Kind of Arch-ery at the Winter Games</i>	2002	<i>Discover</i>	<i>The Unfolding World of Chuck Hoberman (cover story)</i>	1992
<i>Metropolis</i>	<i>And the Winner is... / design of 2000 Chrysler Award</i>	2000	<i>Sites Architecture</i>	<i>The Art & Science of Folding Structures (cover story)</i>	1992
<i>Sony Style</i>	<i>Sphere of Influence</i>	2000	<i>l'Arca</i>	<i>Folding Structures</i>	1991
<i>Architectural Record</i>	<i>Hoberman Retractable Dome for Expo 2000</i>	2000	<i>New Yorker</i>	<i>Talk of the town</i>	1991
<i>Domus</i>	<i>Growth and Form / Mechanical Metamorphosis</i>	1999	<i>New York Times</i>	<i>Patent column</i>	1991
<i>World Design (Korea)</i>	<i>An Inventor of Unfolding Structures, Chuck Hoberman</i>	1999			

SELECTED SPEAKING ENGAGEMENTS

<i>Columbia University</i>	<i>Magill Lecture</i>	<i>NYC, NY</i>	<i>2014</i>
<i>Architectural Association</i>	<i>EmTech Lecture</i>	<i>London</i>	<i>2014</i>
<i>AIA Minnesota</i>	<i>Lake Superior Design Retreat, Keynote</i>	<i>Duluth, MI</i>	<i>2014</i>
<i>University of Stuttgart</i>	<i>international Scenography Biennial</i>	<i>Ludwigsburg, Germany</i>	<i>2013</i>
<i>Themed Entertainment Association</i>	<i>Storytelling, Architecture, Technology, Experience (SATE) Design Conference</i>	<i>Savannah, GA</i>	<i>2013</i>
<i>University of Calgary</i>	<i>International Symposium</i>	<i>Bamff, Canada</i>	<i>2013</i>
<i>Liberty Science Center</i>	<i>TEDx, Johnson & Johnson Event</i>	<i>Jersey City, NJ</i>	<i>2012</i>
<i>Centre Pompidou</i>	<i>Advancements in Architectural Geometry Conference</i>	<i>Paris</i>	<i>2012</i>
<i>MIT Media Lab</i>	<i>Media Lab Conversations Series</i>	<i>Cambridge, MA</i>	<i>2012</i>
<i>Rensselaer Polytechnic Institute</i>	<i>Spring 2012 Lecture Series</i>	<i>Troy, NY</i>	<i>2012</i>
<i>Sentry Center</i>	<i>IQPC Façades Design & Delivery Conference</i>	<i>New York, NY</i>	<i>2012</i>
<i>New Jersey Institute of Technology</i>	<i>Fall 2011 Lecture Series</i>	<i>Newark, NJ</i>	<i>2011</i>
<i>Wyss Institute at Harvard</i>	<i>Buildings Inspired by Nature: Inventing the Future Built Environment</i>	<i>Cambridge, MA</i>	<i>2011</i>
<i>Building Centre</i>	<i>Adaptive Architecture Conference, keynote address</i>	<i>London, UK</i>	<i>2011</i>
<i>UCLA School of Architecture</i>	<i>Responsive Skins lecture series</i>	<i>Los Angeles, CA</i>	<i>2010</i>
<i>UVA College of Architecture</i>	<i>William T. Zuk Memorial Lecture</i>	<i>Charlottesville, VA</i>	<i>2010</i>
<i>Fashion Institute of Technology</i>	<i>Detours, Mergers & Mutations: A Conversation with Vito Acconci, Chuck Hoberman and Allan Wexler</i>	<i>New York, NY</i>	<i>2010</i>
<i>IIT College of Architecture</i>	<i>IIT Architecture Lecture</i>	<i>Chicago</i>	<i>2010</i>
<i>Live Design Industry Conference</i>	<i>Chuck Hoberman joins Willie Williams and Frederic Opsomer to discuss the U2 360° expanding video screen</i>	<i>Orlando, FL</i>	<i>2009</i>
<i>The Cooper Union</i>	<i>Architectural League NY, Current Work series</i>	<i>New York, NY</i>	<i>2009</i>
<i>Cornell University</i>	<i>The Sustainable Interface - Poetic and Pragmatic Dynamics of the Aperture</i>		<i>2009</i>
<i>Permasteelisa India</i>	<i>Permasteelisa World Technology Conference, Keynote Speaker</i>	<i>Bangalore, India</i>	<i>2009</i>
<i>Harvard Graduate School of Design</i>	<i>Ecological Urbanism Conference</i>	<i>Cambridge, MA</i>	<i>2009</i>
<i>Art Center Pasadena</i>	<i>2008 Lecture Series</i>	<i>Pasadena, CA</i>	<i>2008</i>
<i>Disney Concert Hall</i>	<i>Walt Disney Inventor's Awards, Keynote speaker</i>	<i>Los Angeles, CA</i>	<i>2008</i>
<i>New School</i>	<i>Mind 08, the Design and the Elastic Mind Symposium</i>	<i>New York, NY</i>	<i>2008</i>
<i>DLD Headquarters</i>	<i>Digital Life Design Global Conference</i>	<i>Munich, Germany</i>	<i>2008</i>

SECTION FOUR VOA

TEAM BACKGROUND AND EXPERIENCE

ARCHITECT – ENGINEER QUALIFICATIONS

PART I – CONTRACT-SPECIFIC QUALIFICATIONS

A. CONTRACT INFORMATION

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

ST. PETERSBURG PIER DESIGN TEAM SELECTION REQUEST FOR QUALIFICATIONS, ST. PETERSBURG, FLORIDA

2. PUBLIC NOTICE DATE

August 11, 2014

3. SOLICITATION OR PROJECT NUMBER

n/a

B. ARCHITECT-ENGINEER POINT OF CONTACT

4. NAME AND TITLE

Jonathan F. Douglas, AIA / Managing Principal

5. NAME OF FIRM

VOA Associates Incorporated

6. TELEPHONE NUMBER

(407) 425-2500

7. FAX NUMBER

(407) 648-4275

8. E-MAIL ADDRESS

jdouglas@voa.com

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.	X			VOA Associates Inc. <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	4798 New Broad Street, Suite 100 Orlando, Florida 32814	<u>Prime – A/E</u> <ul style="list-style-type: none"> ▪ Project Management ▪ Planning ▪ Architecture ▪ Landscape Architecture ▪ Theming ▪ Branding
b.			X	Hoberman Associates, Inc. <input type="checkbox"/> CHECK IF BRANCH OFFICE	153 W. 27 th Street Suite 101 New York, NY 10001	<u>Sub-Consultant</u> <ul style="list-style-type: none"> ▪ Sculpture Engineering
c.			X	Applied Technology & Management <input type="checkbox"/> CHECK IF BRANCH OFFICE	5550 NW 111 th Blvd. Gainesville, FL 32653	<u>Sub-Consultant</u> <ul style="list-style-type: none"> ▪ Marine Specialist ▪ Permitting
d.			X	Applied Technology & Management <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	305 Sixth Avenue Melbourne Beach, FL 32951	<u>Sub-Consultant</u> <ul style="list-style-type: none"> ▪ Coastal/Marine Engineering
e.			X	Applied Technology & Management <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	2200 N. Ponce de Leon Blvd., Ste.9 St. Augustine, FL 32084	<u>Sub-Consultant</u> <ul style="list-style-type: none"> ▪ Coastal/Marine Engineering
f.			X	Applied Technology & Management <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	1435 East Piedmont Drive, Suite 210 Tallahassee, FL 32308	<u>Sub-Consultant</u> <ul style="list-style-type: none"> ▪ Water Quality Specialist
g.						



VOA ASSOCIATES INCORPORATED

Project Management, Planning, Architecture, Landscape
Architecture, Theming, Branding

Jonathan Douglas, AIA
Principal-in-Charge

Greg A. Meyer, PLA
Lead Designer

Daryl LeBlanc, AIA
Sr. Designer

Richard Reep, AIA
Sr. Project Manager

Alonso Rodriguez, LEED AP
BIM Manager

HOBERMAN ASSOCIATES, INC.

Sculpture Engineering

Chuck Hoberman
Lead Sculpture Engineer

Matthew Davis
Sculpture Engineer

APPLIED TECHNOLOGY & MANAGEMENT (ATM)

Coastal/Marine Engineering, Water Quality, Permitting

Robert Semmes, M.S.
Marina Consultant

Peter Peterson, PE
Coastal & Marine Engineering

Timothy Mason, PE
Sr. Coastal Engineer

Steven Peene, Ph.D.
Water Resources

**IF VOA IS WINNING DESIGN TEAM, ADDITIONAL CONSULTANTS MAY INCLUDE THE
FOLLOWING SBE, MBE, WMBE, WBE, OR LARGE FIRMS:**

- Mechanical Engineering
- Electrical Engineering
- Plumbing Design
- RCDD Consultant
- Fire Protection / Life Safety
- Structural Engineering
- Civil Engineering
- Traffic Engineering
- Survey and Mapping
- Geotechnical Engineering
- Environmental Engineering
- Water Feature Designer / Engineer
- Other Specialty Consultants
- Accoustics
- Audio / Visual

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 OF EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
JONATHAN F. DOUGLAS, AIA	DESIGN PRINCIPAL-IN-CHARGE	35	13

15. FIRM NAME AND LOCATION (City and State)
VOA ASSOCIATES INCORPORATED, ORLANDO, FLORIDA

16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Architecture Masters Real Estate Development and Analysis MBA, Business Organization	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Architect: Florida, License# 0017664
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)



Jonathan Douglas brings 35 years of experience to the planning and design of mixed-use destinations, retail, dining, entertainment venues, museums, exhibits, performing arts, and interpretive learning centers integrating heritage tourism with the guest experience. Jonathan has extensive experience in working with various cultural organizations and is a registered Architect in Florida. He has authored several publications including an article in EM Magazine, "Creating Successful Resource Based Attractions" which outlines the key factors for successful planning and design of cultural and tourism based educational centers in environmentally sensitive areas.. With his hands on experience, creative problem solving style, and a unique combination of strong organizational management, Jonathan is a highly effective leader.

Featured Industry Expert

- 2014 Tribal Casino Hotel Development Conference – Moderator: "If you Build It – Will they Come?"
- 2013 TEA SATE Conference – Speaker – Architecture Segment -
- 2012 Cornell Summit, Ithica, NY – Speaker
- 2012 HD Expo, Las Vegas - Speaker: "Developing Your Brand: The Importance of the Guest Experience in Successful Brand Development for an Independent Resort."
- HD Summit 2012 invited participant
- 2011 Cornell Round Table, Invited Participant
- 2011 TEA SATE Conference - Panel: "The Architecture of Engagement."
- 2011 Fourth Annual Tribal Casino & Hotel Development Conference – Moderator for a Panel Case Study: "Choosing a Theme or Brand for Your Gaming Facility"
- 2010 Global Gaming Expo (G2E) panel member on Master Planning "Experiential Design in Gaming"
- 2010 Lifestyle & Boutique Hotel Development Conference – Panel: "Designing Within a Tight Budget"
- 2010 TEA SATE Conference - Panel: What's the future of design for hospitality projects
- 2010 Hotel Design Roundtable Miami
- 2010 Midwest Lodging Investment Conference – Panel: "Is Green Still Relevant"
- 2010 Third Annual Tribal Casino & Hotel Development Conference – Master Planning and Long-Term Goals

Featured Publications

In addition to being quoted as an industry expert in numerous business and trade publications, including Urban Land Magazine, Hospitality Design, Lodging Hospitality, Casino Design, IAAPA's FunWorld Magazine, Strategize Magazine, Florida Real Estate Journal, and Building Operating Management, etc.

Professional Affiliations

- National Council of Architectural Records Boards (NCARB)
- American Institute of Architects (AIA)
- Central Florida Hotel & Lodging Association (CFHLA)
- International Assoc. of Amusement Parks and Attractions (IAAPA)
- Florida Restaurant and Lodging Association (FRLA)
- Themed Entertainment Association (TEA)
- American Alliance of Museums (AAM)
- American Planning Association (APA)
- NAIOP, the Commercial Real Estate Development Association (NAIOP)
- Urban Land Institute (ULI)

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 OF EXPERIENCE	
JONATHAN F. DOUGLAS, AIA (CONTINUED)	DESIGN PRINCIPAL-IN-CHARGE	a. TOTAL	b. WITH CURRENT FIRM
		35	13

15. FIRM NAME AND LOCATION (City and State)

VOA ASSOCIATES INCORPORATED, ORLANDO, FLORIDA

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	CARRILON TOWN CENTER DEVELOPMENT ST. PETERSBURG, FLORIDA	PROFESSIONAL SERVICES 2014	CONSTRUCTION <i>(If applicable)</i> on-going
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm	
VOA provided master planning services for the Echelon City Center mixed use town center project. Creating a new town center at Carillon will serve the growing residential population of north St. Petersburg. Echelon City Center will be the hub for living, working and playing in this new urban environment with access to all the natural recreational and entertainment destinations this location offers. The project will have 1,500 residential units, over 480,000 square feet of office and includes 172,000 of retail space with a 120 key boutique hotel. The new town square will be the heart of the project and will be the central focus for all residents, office workers and visitors. The town square will be an open park like space in contrast to the surrounding residential and office towers.			
b.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	ICY STRAIT POINT MASTER PLAN HONNAH, ALASKA	PROFESSIONAL SERVICES 2014	CONSTRUCTION <i>(If applicable)</i> on-going
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm	
VOA provided master planning for Icy Strait Point Master Plan and Workshop that is located in Hoonah, Alaska, west of Juneau. Icy Strait Point is a picturesque cruise destination with great natural resources for ecotourism and includes the historic cannery buildings used for shops, retail and restaurants and other existing site enhancements. Key project program elements for the conceptual level master plan for Icy Strait Point included creating a new arrival area for guests at the pier area, a possible new welcome center and related amenities at the pier area, transportation "hub" to transfer guests from the pier to excursions or the main cannery area, new landscape and hardscape improvements as may be needed, and a review of pedestrian access in the pier area.			
c.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	DISNEY SPRINGS RECONSTRUCTION PROJECT ORLANDO, FLORIDA	PROFESSIONAL SERVICES on-going	CONSTRUCTION <i>(If applicable)</i> on-going
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm	
VOA is providing Architectural, Interior Design, and Landscape Architecture services for the mixed-used entertainment redevelopment. From boutique shops to unique flagship anchor stores, guests will be able to explore a variety of shopping, dining and entertainment experiences and discover options unlike any other currently available in Central Florida. The project will double the number of shops, restaurants and other venues for guests to explore, resulting in more than 150 establishments.			
d.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	FLORIDA OCEANOGRAPHIC HUTCHINSON ISLAND, STUART, FLORIDA	PROFESSIONAL SERVICES 2013	CONSTRUCTION <i>(If applicable)</i> on-going
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm	
Provided master planning and a defined conceptual level illustrating and confirming all program areas, visitor sequences, budgets, phasing options, and proposed fees for future phases of design.			
e.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	CORDOVA CENTER ON THE ROCK PELLA, IOWA	PROFESSIONAL SERVICES 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	
VOA provided Programming, Interpretive Planning, Master Planning, Architectural and Interior Design services for the new 35,000 SF visitors center, a 500-seat performance amphitheater, classrooms, retail shop, restaurants, interactive exhibit area, administrative offices, outdoor exhibits, and rural cabins, and a network of trails and paths that is patterned after the Wolf Trapp model – connecting people, nature, and arts. The project's primary goal is to educate the public on environmental stewardship and build support for conservation of Iowa's land and water resources.			

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

12. NAME GREG MEYER, PLA	13. ROLE IN THIS CONTRACT LEAD DESIGNER	14. YEARS OF EXPERIENCE	
		a. TOTAL 33	b. WITH CURRENT FIRM 1

15. FIRM NAME AND LOCATION (City and State)
VOA ASSOCIATES INCORPORATED, ORLANDO, FLORIDA

16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Landscape Architecture	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Landscape Architect: Florida License# LA0000750
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)



Greg Meyer has over 32 years of experience in hospitality and resort design, planning, entertainment design, urban design, and landscape architecture. His attention to clients' needs helps cultivate creative design solutions that are unique, environmentally responsive, and integrated with project goals and budgets. Greg enjoys the interaction of each project undertaken with his clients and the design team as the design process unfolds from concept to built reality. In addition to work throughout the United States and the Caribbean, Greg's portfolio includes projects in South America, China and the Middle East.

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	CARRILON TOWN CENTER DEVELOPMENT ST. PETERSBURG, FLORIDA	2014	on-going
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE VOA provided master planning services for the Echelon City Center mixed use town center project. Creating a new town center at Carillon will serve the growing residential population of north St. Petersburg. The project will have 1,500 residential units, over 480,000 square feet of office and includes 172,000 of retail space with a 120 key boutique hotel. The new town square will be the heart of the project and will be the central focus for all residents, office workers and visitors.		<input checked="" type="checkbox"/> Check if project performed with current firm
	ICY STRAIT POINT MASTER PLAN HONNAH, ALASKA	2014	on-going
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE VOA provided master planning for Icy Strait Point Master Plan and Workshop that is located in Hoonah, Alaska, west of Juneau. Icy Strait Point is a picturesque cruise destination with great natural resources for ecotourism and includes the historic cannery buildings used for shops, retail and restaurants and other existing site enhancements.		<input checked="" type="checkbox"/> Check if project performed with current firm
	DISNEY SPRINGS RECONSTRUCTION PROJECT ORLANDO, FLORIDA	on-going	on-going
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE VOA is providing Architectural, Interior Design, and Landscape Architecture services for the mixed-used entertainment redevelopment. From boutique shops to unique flagship anchor stores, guests will be able to explore a variety of shopping, dining and entertainment experiences and discover options unlike any other currently available in Central Florida. The project will double the number of shops, restaurants and other venues for guests to explore, resulting in more than 150 establishments.		<input checked="" type="checkbox"/> Check if project performed with current firm
	HISTORIC PORT OF FALMOUTH FALMOUTH, JAMAICA	2011	2011
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Provided design services for the development of a historic 10-acre wharf district within the 40-acre site. The design preserved Falmouth's unique heritage and culture while refurbishing the existing architecture for the multi-use site. Design features included a new cruise line terminal, retail, restaurants, trolley line, open market area, hotel.		<input type="checkbox"/> Check if project performed with current firm
	NEW PORT TAMPA BAY TAMPA BAY, FLORIDA	2008	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Provided planning services for the 52 acre yacht and urban oasis development. The New Port Tampa Bay design is a modern interpretation of the classic urban waterside village that includes mixed-use residential condominiums, retail, restaurants, hotel, and marina project. Centered around a yacht harbor, the project captures a true sense of community with the colorful spirit of Florida coastal living and the energy of a modern waterfront city.		<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 RICHARD REEP, AIA, LEED AP	13. ROLE IN THIS CONTRACT SENIOR PROJECT MANAGER	14. YEARS OF EXPERIENCE	
		a. TOTAL 28	b. WITH CURRENT FIRM 2

15. FIRM NAME AND LOCATION (City and State)
VOA ASSOCIATES INCORPORATED, ORLANDO, FLORIDA

16. EDUCATION (DEGREE AND SPECIALIZATION) Masters of Architecture BA, Architecture	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Architect: Florida, License# 0011827, LEED AP
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)



Mr. Reep is a Senior Project Designer for VOA's Hospitality group. As a Registered Architect and LEED Accredited Professional, Mr. Reep has over two decades of experience in the design, planning, and programming for hospitality, cultural, and mixed-use facilities. His career has led to design assignments in the Americas, Asia, Africa, Europe, and the Caribbean. His work was recognized internally at Marriott with multiple awards through Marriott's leadership training program. The American Resort Development Association (ARDA) awarded five of Mr. Reep's design projects with ARDA Gold design awards for various aspects of each resort, and three additional silver awards. Mr. Reep's unique understanding of destinations has led to the creation of many of the top-performing hotels in any given market.

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION (City and State) CARRILON TOWN CENTER DEVELOPMENT ST. PETERSBURG, FLORIDA	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2014	CONSTRUCTION (If applicable) on-going
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE VOA provided master planning services for the Echelon City Center mixed use town center project. Creating a new town center at Carillon will serve the growing residential population of north St. Petersburg. Echelon City Center will be the hub for living, working and playing in this new urban environment with access to all the natural recreational and entertainment destinations this location offers. The project will have 1,500 residential units, over 480,000 square feet of office and includes 172,000 of retail space with a 120 key boutique hotel. The new town square will be the heart of the project and will be the central focus for all residents, office workers and visitors. The town square will be an open park like space in contrast to the surrounding residential and office towers.		<input checked="" type="checkbox"/> Check if project performed with current firm
b.	(1) TITLE AND LOCATION (City and State) ICY STRAIT POINT MASTER PLAN HONNAH, ALASKA	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2014	CONSTRUCTION (If applicable) on-going
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE VOA provided master planning for Icy Strait Point Master Plan and Workshop that is located in Hoonah, Alaska, west of Juneau. Icy Strait Point is a picturesque cruise destination with great natural resources for ecotourism and includes the historic cannery buildings used for shops, retail and restaurants and other existing site enhancements. Key project program elements for the conceptual level master plan for Icy Strait Point included creating a new arrival area for guests at the pier area, a possible new welcome center and related amenities at the pier area, transportation "hub" to transfer guests from the pier to excursions or the main cannery area, new landscape and hardscape improvements as may be needed, and a review of pedestrian access in the pier area.		<input checked="" type="checkbox"/> Check if project performed with current firm
c.	(1) TITLE AND LOCATION (City and State) CONFIDENTIAL THEMED HOTEL WINTER HAVEN, FLORIDA	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES on-going	CONSTRUCTION (If applicable) on-going
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Architectural services for a new resort that will be positioned at the main entrance to the park creating a dramatic entrance plaza. Design layout will be sympathetic to further aspiration of increasing accommodation offerings and utilize existing assets as appropriate for the final build (buildings / boardwalk and infrastructure). The hotel will have a total of 150 bedrooms of mix types, a reception area with reception desk, bar with access to external pool, kids play room and themed elevators by reception.		<input checked="" type="checkbox"/> Check if project performed with current firm
d.	(1) TITLE AND LOCATION (City and State) FLORIDA OCEANOGRAPHIC HUTCHINSON ISLAND, STUART, FLORIDA	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2013	CONSTRUCTION (If applicable) on-going
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Provided master planning and a defined conceptual level illustrating and confirming all program areas, visitor sequences, budgets, phasing options, and proposed fees for future phases of design.		<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 DARYL LEBLANC, AIA	13. ROLE IN THIS CONTRACT SENIOR DESIGNER	14. YEARS OF EXPERIENCE	
		a. TOTAL 21	b. WITH CURRENT FIRM 11

15. FIRM NAME AND LOCATION (City and State)
VOA ASSOCIATES INCORPORATED, ORLANDO, FLORIDA

16. EDUCATION (DEGREE AND SPECIALIZATION) BA/Architecture	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Architect: Florida License# 0017086, LEED AP
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)



Mr. Le Blanc is a Senior Design Director and Project Manager for VOA's hospitality group. He has a full understanding with regard to scope of standard architectural services including programming, conceptual design presentations, the production of construction documents and the coordination of consulting engineers. Daryl understands the complexity and dynamics of creating inspiring destinations with unique designs that support an operators return on investment. His design experience includes new and renovation of operating hotels, resorts, casinos, restaurants, retails, and various support spaces.

He has extensive experience including the renovation for the award winning Holiday Inn at the Walt Disney World Resort, the Radisson Resort Orlando-Celebration, interior renovation and exterior marina space frame renovation of the Disney Contemporary Resort; DoubleTree Resort at the Entrance to Universal Orlando; and the award winning Agua Caliente Casino Resort Spa.

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION (City and State) CARRILON TOWN CENTER DEVELOPMENT ST. PETERSBURG, FLORIDA	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2014	CONSTRUCTION (If applicable) on-going
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE VOA provided master planning services for the Echelon City Center mixed use town center project. Creating a new town center at Carillon will serve the growing residential population of north St. Petersburg. Echelon City Center will be the hub for living, working and playing in this new urban environment with access to all the natural recreational and entertainment destinations this location offers. The project will have 1,500 residential units, over 480,000 square feet of office and includes 172,000 of retail space with a 120 key boutique hotel. The new town square will be the heart of the project and will be the central focus for all residents, office workers and visitors. The town square will be an open park like space in contrast to the surrounding residential and office towers.		<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	(1) TITLE AND LOCATION (City and State) DISNEY SPRINGS RECONSTRUCTION PROJECT ORLANDO, FLORIDA	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES on-going	CONSTRUCTION (If applicable) on-going
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE VOA is providing Architectural, Interior Design, and Landscape Architecture services for the mixed-used entertainment redevelopment. From boutique shops to unique flagship anchor stores, guests will be able to explore a variety of shopping, dining and entertainment experiences and discover options unlike any other currently available in Central Florida. The project will double the number of shops, restaurants and other venues for guests to explore, resulting in more than 150 establishments.		<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	(1) TITLE AND LOCATION (City and State) FLORIDA OCEANOGRAPHIC HUTCHINSON ISLAND, STUART, FLORIDA	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2013	CONSTRUCTION (If applicable) on-going
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Provided master planning and a defined conceptual level illustrating and confirming all program areas, visitor sequences, budgets, phasing options, and proposed fees for future phases of design.		<input checked="" type="checkbox"/> Check if project performed with current firm	
d.	(1) TITLE AND LOCATION (City and State) AGUA CALIENTE CASINO RESORT SPA RANCHO MIRAGE, CALIFORNIA	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2008	CONSTRUCTION (If applicable) 2008
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE VOA provided full design services for the new, \$300M Agua Caliente Casino • Resort • Spa. The 422,000 SF project includes a new 16-story, 340-key hotel with luxury resort features deluxe rooms and suites; a full-service spa, pool and cabana complex; and an array of first-class amenities that include a state-of-the-art conference center, Concierge Lounge, Private VIP check-in, five restaurants, and two specialty retail shops. The design challenge was to create a stunning, visual correlation between the desert outside and the new luxury tribal hotel resort inside and a seamless connection to the casino, while keeping the casino operational during construction.		<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 ALONSO RODRIGUEZ, LEED AP	13. ROLE IN THIS CONTRACT BIM MANAGER	14. YEARS OF EXPERIENCE	
		a. TOTAL 5	b. WITH CURRENT FIRM 3

15. FIRM NAME AND LOCATION (City and State)
VOA ASSOCIATES INCORPORATED, ORLANDO, FLORIDA

16. EDUCATION (DEGREE AND SPECIALIZATION) BA/Architecture	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) LEED Accredited Professional
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)



Alonso Rodriguez has extensive experience as BIM/Revit Manager for a variety of projects including those for hospitality, themed, and federal clients. His responsibilities include BIM standards implementation and development; creation and maintenance of the software template files to assure standards; consultant coordination modeling and detailing and overseeing the day-to-day activities of projects to ensure BIM standards are maintained. Alonso is currently working on multiple projects utilizing BIM software which uses include documenting existing conditions from point cloud surveys, creating presentation renderings and construction documents from schematic design models, coordinating and clash detection and producing estimated cost schedules.

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION (City and State) DISNEY SPRINGS RECONSTRUCTION PROJECT ORLANDO, FLORIDA	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES on-going	CONSTRUCTION (If applicable) on-going
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE BIM services for the mixed-used entertainment redevelopment. From boutique shops to unique flagship anchor stores, guests will be able to explore a variety of shopping, dining and entertainment experiences and discover options unlike any other currently available in Central Florida. The project will double the number of shops, restaurants and other venues for guests to explore, resulting in more than 150 establishments.		<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	(1) TITLE AND LOCATION (City and State) The B Hotel in the Walt Disney World Resort Lake Buena Vista, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2014	CONSTRUCTION (If applicable) 2014
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE BIM services for the major rebranding and repositioning to the existing 394-room hotel previously known as the Royal Plaza Hotel. VOA rebranded hotel includes 371 guestrooms, 23 suites, meeting space, and dining venues. Post-renovation, the Hotel is positioned as a lifestyle 4-star hotel, which appeals to business and transient travelers including families.		<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	(1) TITLE AND LOCATION (City and State) Confidential Themed Hotel Winter Haven, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES on-going	CONSTRUCTION (If applicable) on-going
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE BIM services for a new resort that will be positioned at the main entrance to the park creating a dramatic entrance plaza. Design layout will be sympathetic to further aspiration of increasing accommodation offerings and utilize existing assets as appropriate for the final build (buildings / boardwalk and infrastructure). The hotel will have a total of 150 bedrooms of mix types, a reception area with reception desk, bar with access to external pool, kids play room and themed elevators by reception.		<input checked="" type="checkbox"/> Check if project performed with current firm	
d.	(1) TITLE AND LOCATION (City and State) Army Lodge Fort Benning, Georgia	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2014	CONSTRUCTION (If applicable) 2014
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE BIM services for the new design and construction for the 457,000, 860-room hotel. The theme of the hotel is reminiscent of Spanish Colonial Revival and Mission styles and is expressed in the hotel's design with materials chosen and architectural elements used including stucco, wrought iron, simple facades, projecting window sills and overhanging eaves. The project has been designed to incorporate sustainable techniques and materials that will qualify the hotel for LEED "Silver" status.		<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 CHUCK HOBERMAN, PE	13. ROLE IN THIS CONTRACT LEAD SCULPTURE ENGINEER	14. YEARS OF EXPERIENCE	
		a. TOTAL 30	b. WITH CURRENT FIRM 25

15. FIRM NAME AND LOCATION (City and State)
HOBERMAN ASSOCIATES, INC., NEW YORK, NEW YORK

16. EDUCATION (DEGREE AND SPECIALIZATION) MS, Mechanical Engineering Bachelors of Fine Arts	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)



Chuck Hoberman is the founder of Hoberman Associates, a multidisciplinary practice with clients ranging across sectors including consumer products, deployable shelters, and space structures. Examples of his commissioned work include the transforming LED screen that served as the primary stage element for the U2 360° world tour and the Hoberman Arch in Salt Lake City, installed as the centerpiece for the Winter Olympic Games (2002). Other noteworthy commissions include a retractable dome for the World's Fair in Hanover, Germany (2000); the Expanding Hypar (1997) at the California Museum of Science and Industry; the Expanding Sphere (1992) at the Liberty Science Center, Jersey City, New Jersey; and the Expanding Geodesic Dome (1997) at the Centre Georges Pompidou in Paris. Hoberman's work has been exhibited several times at the Museum of Modern Art in New York. Hoberman holds a bachelor's degree in sculpture from Cooper Union and a master's degree in mechanical engineering from Columbia University. He won the Chrysler Award for Innovation and Design in 1997. Hoberman is a Visiting Scholar at Harvard University's Wyss Institute for Biologically Inspired Engineering.

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	CHATEAU SMITH HAUT LAFITTE BORDEAUX, FRANCE	2012	2012
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Entitled Nouaison (First Growth), the signature art piece was commissioned by a notable Bordeaux vineyard with history dating back to the 14th century. The sculpture takes its name from a French term describing the stage of growth when grapevines first develop their fruit—a critical moment in wine production.		
	<input checked="" type="checkbox"/> Check if project performed with current firm		
b.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	ATLANTA FALCONS STADIUM ATLANTA, GEORGIA	2013	on-going
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Design development of a retractable roof (100,000 square foot opening) for a new stadium scheduled for completion in 2017. The roof design is an unprecedented mechanism based on an octagonal aperture with linear movements of structural panels.		
	<input checked="" type="checkbox"/> Check if project performed with current firm		
c.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	U2 360 TOUR SCREEN	2011	2011
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Expanding Video Screen, a 7-story high expanding conical form with integrated digital video screens, the stage centerpiece for a travelling rock music show.		
	<input checked="" type="checkbox"/> Check if project performed with current firm		
d.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	OLYMPIC ARCH SALT LAKE CITY, UTAH	2002	2002
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE 72-foot diameter retractable arch which formed the centerpiece of the Olympics Medals Plaza stage. Currently installed at University of Utah.		
	<input checked="" type="checkbox"/> Check if project performed with current firm		
e.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	EXPO 2000 HANOVER, GERMANY	2000	2000
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Retractable 20-foot dome for World's Fair, installed in front of the German pavilion. The exhibit celebrated the reconstruction of the Frauenkirche Cathedral. Currently re-installed in Hamburg.		
	<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 MATTHEW DAVIS, PE	13. ROLE IN THIS CONTRACT SCULPTURE ENGINEER	14. YEARS OF EXPERIENCE	
		a. TOTAL 20	b. WITH CURRENT FIRM 14

15. FIRM NAME AND LOCATION (City and State)
HOBERMAN ASSOCIATES, INC., NEW YORK, NEW YORK

16. EDUCATION (DEGREE AND SPECIALIZATION) MS, Mechanical Engineering, Production Design	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
Matthew began his work at Hoberman as an engineer for the company's largest sculptural installations, and was the lead mechanical designer for a 22 meter retractable arch for the 2002 Salt Lake City Winter Olympic Medal Ceremonies. In 2006, he designed a 12 meter expanding double helix for the Discovery World Museum in Milwaukee, Wisconsin. Most recently, he was the project leader for the 380 square meter expanding screen that serves as the centerpiece for the U2 360° world tour. His expertise in geometric and kinematic rationalization was essential in designing the largest moving LED screen ever built. In addition to large sculptural projects, Matthew has been integral in the growth of Hoberman's product development capabilities. Some of his award winning designs include; the Sonic FX Musical Sphere, the Brain Twist Transforming Puzzle, and the Switch-Pitch color changing ball. In 2006 he designed the RDS tent system for Johnson Outdoors, currently the fastest deployable tent on the market that meets all of the US Marine Corp's stringent field requirements.

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	CHATEAU SMITH HAUT LAFITTE BORDEAUX, FRANCE	2012	2012
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Entitled Nouaison (First Growth), the signature art piece was commissioned by a notable Bordeaux vineyard with history dating back to the 14th century. The sculpture takes its name from a French term describing the stage of growth when grapevines first develop their fruit—a critical moment in wine production. <input checked="" type="checkbox"/> Check if project performed with current firm		
b.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	ATLANTA FALCONS STADIUM ATLANTA, GEORGIA	2013	On-going
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Design development of a retractable roof (100,000 square foot opening) for a new stadium scheduled for completion in 2017. The roof design is an unprecedented mechanism based on an octagonal aperture with linear movements of structural panels. <input checked="" type="checkbox"/> Check if project performed with current firm		
c.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	U2 360 TOUR	2011	2011
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Expanding Video Screen, a 7-story high expanding conical form with integrated digital video screens, the stage centerpiece for a travelling rock music show. <input checked="" type="checkbox"/> Check if project performed with current firm		
d.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	OLYMPIC ARCH SALT LAKE CITY, UTAH	2002	2002
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE 72-foot diameter retractable arch which formed the centerpiece of the Olympics Medals Plaza stage. Currently installed at University of Utah. <input checked="" type="checkbox"/> Check if project performed with current firm		
d.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	EXPO 2000 HANOVER, GERMANY	2000	2000
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Retractable 20-foot dome for World's Fair, installed in front of the German pavilion. The exhibit celebrated the reconstruction of the Frauenkirche Cathedral. Currently re-installed in Hamburg. <input checked="" type="checkbox"/> Check if project performed with current firm		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT



12. NAME Robert H. Semmes, M.S.	13. ROLE IN THIS CONTRACT International Marina Consultant	14. YEARS EXPERIENCE	
		a. TOTAL 25	b. WITH CURRENT FIRM 25

15. FIRM NAME AND LOCATION (City and State)
Applied Technology and Management, Inc., Gainesville, FL

16. EDUCATION (DEGREE AND SPECIALIZATION)
M.S., Agricultural Engineering, University of Florida, 1988
B.S., Agricultural Operations Management, University of Florida, 1986

17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
Mr. Semmes has over 25 years of experience in waterfront planning and development projects. He specializes in marina development and revitalization, the extraordinary needs of megayacht harbors, financial performance projection modeling for modern luxury marina developments, marina market segmentation, specialty environmental issues related to port and harbor development, and ecosystem assessment, restoration, and mitigation. He is affiliated with the National Marine Manufacturers Association (NMMA), International Navigation Association (PIANC), and Society of Environmental Toxicology and Chemistry (SETAC)

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
Marina Planning, Design, Engineering and Permitting Support Services, City of St Petersburg, FL	2013	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE a. Served as Project Manager and lead marina consultant for the marina, coastal engineering, and permitting services to the lead architect for the redevelopment of the St Petersburg Pier. Completed design basis documentation, marina layouts, marina schematic design, and other services related to the Pier marina and coastal engineering issues. Also served as architect's representative for state and federal permitting for the Pier demolition and redevelopment. ATM Fees: \$41,500 Check if project performed with current firm <input checked="" type="checkbox"/>		
Bluff Point Waterfront Resort Development Planning, Cumberland, VA	2009	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE b. Assisted master planner with development of several alternative marina layouts for a planned low-impact development called Bluff Point. Marina plans included coordinating dock layouts with planned landside uses, maintenance of vistas, segregation of marina user segments, and optimization of available water space. Marina plans also included aesthetically pleasing arrangements. ATM Fees: \$99,000 Check if project performed with current firm <input checked="" type="checkbox"/>		
Master Planning and Marina Management Plan, Friday Harbor Marina, Innisfil, Lake Simcoe, Ontario, Canada	2013-2014	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE c. Developed Marina Management Plan for a proposed new marina facility on Lake Simcoe, Ontario, Canada that included training plans, environmental protection procedures, emergency plans, dockage agreement, marinas rules and regulations, etc. that specifically utilizes marina documents already developed for lake environmental protection with special emphasis on the Ontario Clean Marine Practices Handbook. Additional services include marina layout optimization, programming of landside marina facilities, and development of utilities demand and expected loads. ATM Fees: \$230,545 – all services to date Check if project performed with current firm <input checked="" type="checkbox"/>		
Marina Upland Programming for Planned Improvements to Facility, Old Port Cove Holdings, Palm Beach, FL	2008	2008
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE d. Marina consultant for development of plans for the programming of new landside marina improvements including restaurants, parking, convenience store, office space, and other features. Developed plans and layouts in AutoCAD and conducted an on-site workshop and presentation to the staff at OPC Holdings. ATM Fees: \$22,000 Check if project performed with current firm <input checked="" type="checkbox"/>		
Marina Planning, Permitting and Grant Services, Savannah City Lights Marina, Batson Cook Development, Savannah, GA	2013	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE e. Served as project manager for and completed marina master planning services working with client land planner for a proposed new inner basin marina facility on Hutchinson Island across from the historic downtown Savannah riverfront. Also developed first tier estimates of marina cost and submitted Tier 2 grant application for federal funding assistance for transient marina facilities (Boating Infrastructure Grant Program). ATM Fees: \$33,800 Check if project performed with current firm <input checked="" type="checkbox"/>		

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



12. NAME Peter C. Peterson, P.E.	13. ROLE IN THIS CONTRACT Coastal & Marine Engineering	14. YEARS EXPERIENCE	
		a. TOTAL 21	b. WITH CURRENT FIRM 18

15. FIRM NAME AND LOCATION (City and State)
Applied Technology & Management, Inc., Melbourne Beach, FL

16. EDUCATION (DEGREE AND SPECIALIZATION) M.S., Ocean Engineering B.S., Mechanical Engineering	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Engineer, Florida, No. 49294, 1995 Professional Engineer, Wisconsin, No. 31639, 1996 Prof. Engineer, Virginia, No. 0402 037891, 2002 Professional Engineer, Texas, No. 98182, 2006
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
Mr. Peterson has over 20 years of experience with coastal structures, tidal and current studies, and marine construction. Affiliations include: American Society of Civil Engineers, Marine Technology Society, Searle Consortium - Worldwide Maritime Consultancy, States Organization for Boating Access, Bahamas Engineering Society

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State) St. Pete Pier Redevelopment Project, St. Petersburg, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2012-2013	CONSTRUCTION (If applicable)
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project engineer responsible for the marina portion of the pier redevelopment. Completed basic site analysis, existing conditions surveys and conceptual layouts for docks and wave attenuation structures. ATM Fees: \$41,500	Check if project performed with current firm <input checked="" type="checkbox"/>	
(1) TITLE AND LOCATION (City and State) Vilano Pier & Dock, St. Johns County, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2012	CONSTRUCTION (If applicable)
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager/Engineer for design and permitting of a floating dock for connection to the existing Vilano pier. The project is funded through a FIND grant and is intended to provide water connectivity between downtown St. Augustine, the Vilano Town Center, and St. Augustine Lighthouse. ATM Fees: \$26,400	Check if project performed with current firm <input checked="" type="checkbox"/>	
(1) TITLE AND LOCATION (City and State) City of Madeira Beach Marina Redevelopment Project, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2008-2011	CONSTRUCTION (If applicable) 2011
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager/ engineer for the renovation of the City Municipal marina. Initial plans called for replacing the existing boat ramp and constructing a new ship store/office and replacing the underground storage tanks. Future plans call for complete renovation of the existing wet slips, and creating a new dry stack facility. ATM Fees: \$202,055	Check if project performed with current firm <input checked="" type="checkbox"/>	
(1) TITLE AND LOCATION (City and State) Mooring Field and Breakwater/Dredging Permitting, City of St. Augustine, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2009-2010	CONSTRUCTION (If applicable) 2010
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Engineer for the permitting and design of a new breakwater to protect the existing marina and 50 slip expansion. Served as Project Engineer and Manager for design and construction of the 178 slip mooring field project. The mooring field was completed in 2010 and is fully operational. ATM Fees: \$82,415	Check if project performed with current firm <input checked="" type="checkbox"/>	
(1) TITLE AND LOCATION (City and State) Mayport Boat Ramp and Dock Improvements, City of Jacksonville, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2011-2012	CONSTRUCTION (If applicable) 2012
e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Engineer responsible for the planning, permitting, development of construction and bid documents, preparation of opinion of costs, and bidding assistance/shop drawing review for additional floating docks and replacement of existing floating docks and hardware. Also performed wind/wave analysis study for dock design. ATM total fees: \$71,110	Check if project performed with current firm <input checked="" type="checkbox"/>	
(1) TITLE AND LOCATION (City and State) City of Cocoa Waterfront Redevelopment Project, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2008	CONSTRUCTION (If applicable)
f. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project engineer for the waterfront portion of the overall master plan redevelopment, including mooring field layout and planning, dock layouts and design and evaluation, and boardwalk structural elements. Evaluated the potential future needs of the City's waterfront district and associated amenities. ATM Fees: \$22,500	Check if project performed with current firm <input checked="" type="checkbox"/>	

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT



12. NAME Timothy P. Mason, P.E.	13. ROLE IN THIS CONTRACT Project Manager – Senior Coastal Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 20	b. WITH CURRENT FIRM 19

15. FIRM NAME AND LOCATION (City and State)
Applied Technology & Management, Inc., St. Augustine, FL

16. EDUCATION (DEGREE AND SPECIALIZATION)
M.E., Coastal & Oceanographic Engineering, University of Florida, 1993
B.S., Ocean Engineering, Florida Atlantic University, 1991

17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)
Professional Civil Engineer, FL No. 74424, SC No. 18341, NC No. 029747, DE No. 12271

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
Mr. Mason has nearly two decades of professional experience in coastal and waterfront engineering, development, and management projects, focusing on coastal and marina planning and feasibility evaluations, engineering, and environmental assessment. His experience includes all phases of project implementation: planning and feasibility, permitting, design, plans and specifications, tendering/bidding, construction, monitoring, and mitigation planning.

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State) St. Petersburg Pier Redevelopment Project, St. Petersburg, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2013	CONSTRUCTION (If applicable)

a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE
Support engineer for ATM's coastal and marine planning engineering work. Reviewed wave study, geotech boring locations, fire suppression comments, lighting, boat dock layout, floating docks, kayak/canoe launching plans, reports and sub reports. ATM Fees: \$41,500

Check if project performed with current firm

(1) TITLE AND LOCATION (City and State) Carteret Waterfront Municipal Marina, Middlesex Co., NJ	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2014	CONSTRUCTION (If applicable)

b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE
Project Manager and Principal Engineer for consulting services related to the Borough of Carteret's proposed 200 slip municipal marina facility on the Arthur Kill Waterway. ATM was retained to provide an evaluation of passing vessel effects (both drawdown and vessel wakes) which could affect the floating docks and patrons of the facility, in response to concerns raised by the regulatory agencies and commercial shipping interests due to the high volume of commercial traffic on the waterway. Drawdown effects were numerically modeled for the proposed facility using the MIKE 3 model. The model was validated under existing conditions with field data collected by others at the project site. A desktop wake analysis was completed, followed by an evaluation of the marina layout with recommendations to reduce potential wave impacts inside the basin. A review of comparable facilities and safety and marina operations policies, related to vessel ingress and egress to maximize boater safety, were developed. ATM Fees: \$134,300

Check if project performed with current firm

(1) TITLE AND LOCATION (City and State) Harbor Island at Marsh Landing Bulkhead Improvements, Ponte Vedra, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2012-2013	CONSTRUCTION (If applicable)

c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE
Project manager/lead engineer, supported the Harbour Island HOA with a condition assessment and recommendations for repairs and maintenance of a 5,800 ft steel sheetpile bulkhead along the Intracoastal Waterway. Coordinated field investigations (geotechnical and as-built survey) and developed preliminary repair plans and cost estimates. Prepared bid documents for repair work, processed permit approvals, and reviewed potential impacts of maintenance dredging on the bulkhead. ATM Fees: \$13,900

Check if project performed with current firm

(1) TITLE AND LOCATION (City and State) City Marina Redevelopment, Charleston, SC	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2000-2013	CONSTRUCTION (If applicable)

d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE
Developed project plans and specifications, bid documents, and assisted Owner with bidding for an expansion including floating docks and floating 20' wide wave attenuator. Berthing design included 40-60' vessels on interior docks, and berths for transient megayachts to 200 feet LOA on the attenuator. Prepared wind-wave analysis and worked with Owner to determine final design conditions. Continued consulting support during construction phase, which included high speed in-slip fuel delivery system. Have provided assorted marina services for City marina since 2000. ATM Fees: N/A

Check if project performed with current firm

(1) TITLE AND LOCATION (City and State) Bluff Point Marina, Northumberland County, VA	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2009-2013	CONSTRUCTION (If applicable)

e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE
Provided waterfront consulting to the development team for an 898 acre residential and resort property along the Chesapeake Bay. Specific tasks included coastal erosion and protection feasibility evaluation, as well as marina planning and conceptual level design to support county zoning applications and future state and federal permitting. Project elements included an interior marina basin, shoreline stabilization, 5000+ ft dredged entrance channel, 100-slip floating slip marina, and 120+ berth dry storage facility. ATM Fees: \$99,000

Check if project performed with current firm

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT



12. NAME Steven J. Peene, Ph.D.	13. ROLE IN THIS CONTRACT Water Resources – Hydrodynamic Modeling	14. YEARS EXPERIENCE	
		a. TOTAL 30	b. WITH CURRENT FIRM 19

15. FIRM NAME AND LOCATION (City and State)
Applied Technology and Management, Inc., Tallahassee, FL

16. EDUCATION (DEGREE AND SPECIALIZATION) Ph.D., Coastal and Oceanographic Engineering, University of Florida, 1995 M.S., Coastal and Oceanographic Engineering, University of Florida, 1987 B.S., Civil Engineering, Lehigh University, 1982	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
Dr. Peene has experience in water resources analysis including watershed planning, evaluation of non-point and point source pollution in surface water systems, hydrologic and water quality modeling for lakes, rivers, estuaries, coastal embayments and offshore, evaluation of impacts to ecological resources in surface waters, and design and implementation of hydrodynamic and water quality monitoring in surface water systems. He has been involved in the national and local evaluation of impacts to surface waters including development of Total Maximum Daily Loads (TMDL), Environmental Impact Assessments (EIA), and Ecosystem Restoration Projects. Dr. Peene is a member of Water Environment Federation, Florida Stormwater Association, and Southeast Stormwater Association.

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State) Old Tampa Bay Hydrodynamic Model Development, Tampa, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2012 - 2014	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm <input checked="" type="checkbox"/>		
a. Project Manager in charge of the development of a hydrodynamic model of Tampa Bay with specific focus on Old Tampa Bay (OTB). The hydrodynamic model is part of an overall modeling system which includes a watershed model, receiving water quality model, and ecological resource assessment models. The modeling system will be utilized to assess the potential impacts of projects to restore seagrasses within OTB. ATM Fees: \$139,559		
(1) TITLE AND LOCATION (City and State) TMDL Support for Hillsborough County, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2010 - 2013	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm <input checked="" type="checkbox"/>		
b. Principal in Charge for the development of a countywide TMDL plan to address issues raised by recent TMDLs proposed by FDEP and EPA. Worked with the County to develop technical comments to draft TMDLs and represented the County at FDEP hearings. Recently successful in putting in abeyance Rulemaking by FDEP for a TMDL on Baker Creek/Mill Creek which identified unreasonable load reductions that would have impacted the County. ATM Fees: \$48,056		
(1) TITLE AND LOCATION (City and State) Taylor Creek Marina, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2006	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm <input checked="" type="checkbox"/>		
c. Project Manager for development of hydrodynamic and water quality assessments for Taylor Creek Marina on Taylor Creek, a tributary to Lake Okeechobee. Taylor Creek at that time was identified as an impaired waterway. Helped in the determination of potential impacts of the proposed marina, also evaluated potential improvements to overall phosphorus loading to be achieved through upland stormwater improvements to the adjacent lands. ATM Fees: \$44,620		
(1) TITLE AND LOCATION (City and State) Gulfport Marina, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2009	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm <input checked="" type="checkbox"/>		
d. Worked on development of a hydrodynamic and water quality model (EFDC and WASP7) to determine the potential effects (to hydrodynamic flushing and dissolved oxygen) of a proposed marina expansion project near Clearwater, Florida. ATM Fees: \$39,684		
(1) TITLE AND LOCATION (City and State) TMDL/BMAP/NPDES Support for FDOT, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2009-2014	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm <input checked="" type="checkbox"/>		
e. Principal in Charge for continuing services contract with FDOT to provide support statewide on TMDL, NPDES, and water quality issues. Specific work includes assessment and technical review of potential water body impairment listing impacting FDOT, assessment and review of TMDLs potentially impacting FDOT, assessment and technical review of BMAP allocations through TMDL implementation to assure load reductions assigned to FDOT are fair and equitable, development of alternative TMDLs and BMAP allocations, coordination and interaction with FDEP and EPA on behalf of FDOT, and review and comments on proposed water quality regulations that may impact FDOT, including specific work on numeric nutrient criteria (NNC). ATM Fees: > \$1,500,000		

F. SAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project)

20. SAMPLE PROJECT KEY NUMBER

1

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

**Disney Springs Reconstruction Project
Orlando, Florida**

22. YEARS COMPLETED

PROFESSIONAL SERVICES

on-going

CONSTRUCTION (if Applicable)

on-going

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

Walt Disney Imagineering

b. POINT OF CONTACT NAME

Frank Paris

c. POINT OF CONTACT TELEPHONE NUMBER

(407) 827-6580

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



The project will feature an eclectic and contemporary mix from the Client and other noteworthy brands. From boutique shops to unique flagship anchor stores, guests will be able to explore a variety of shopping, dining and entertainment experiences and discover options unlike any other currently available in Central Florida.

The project will double the number of shops, restaurants and other venues for guests to explore, resulting in more than 150 establishments. Possible retail tenants include: Lululemon Athletica, fye, Topshop/Topman, Trader Sam's, and MAC Cosmetics among others. Drawing inspiration from Florida's waterfront towns and natural beauty, the project will include four outdoor neighborhoods interconnected by a flowing spring and vibrant lakefront. In addition to a new gateway with a signature water tower and grand entry, the destination will feature:

- The Town Center, which offers a sophisticated mix of shopping and dining along with a promenade where guests can relax, refresh and reconnect. A colorful and thriving commercial district called The Landing with inspired dining and beautiful waterfront views.
- The family-friendly Marketplace that will continue to delight guests of all ages by combining new experiences, such as an over-the-water pedestrian causeway, along with classic Disney favorites, including an expanded World of Disney store.
- A West Side that provides an exuberant atmosphere with lively entertainment, along with a series of new elevated spaces that provide both shade and an overlook to the activity below.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a. (1) FIRM NAME	(2) FIRM LOCATION (CITY AND STATE)	(3) ROLE
VOA Associates Incorporated	Orlando, Florida	Project Management ,Architecture, Interior Design, Landscape Arch.

F. SAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project)

20. SAMPLE PROJECT KEY NUMBER

2

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

**Carillon Town Center
St. Petersburg, Florida**

22. YEARS COMPLETED

PROFESSIONAL SERVICES

2014

CONSTRUCTION (if Applicable)

on-going

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

Echelon

b. POINT OF CONTACT NAME

Chris Eastman, Chief Development Officer & S . VP

c. POINT OF CONTACT TELEPHONE NUMBER

(727) 803-8276

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



Located in the Carillon gateway Echelon City Center is a planned mixed use town center project. The project will have 1,500 residential units, over 480,000 square feet of office and includes 172,000 of retail space with a 120 key boutique hotel. The concept planning behind Echelon Town Center is based on the idea people want to be in places where they can connect with others and their environment. The new town square will be the heart of the project and will be the central focus for all residents, office workers and visitors



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a. (1) FIRM NAME	(2) FIRM LOCATION (CITY AND STATE)	(3) ROLE
VOA Associates Incorporated	Orlando, Florida	Master Planning, Architecture, Landscape Architecture

F. SAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project)

20. SAMPLE PROJECT KEY NUMBER

3

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

**Icy Strait Point
Huna, Alaska**

22. YEARS COMPLETED

PROFESSIONAL SERVICES

2014

CONSTRUCTION (if Applicable)

on-going

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

Huna Tomtem Corp.

b. POINT OF CONTACT NAME

Tyler Hickman, VP Operations

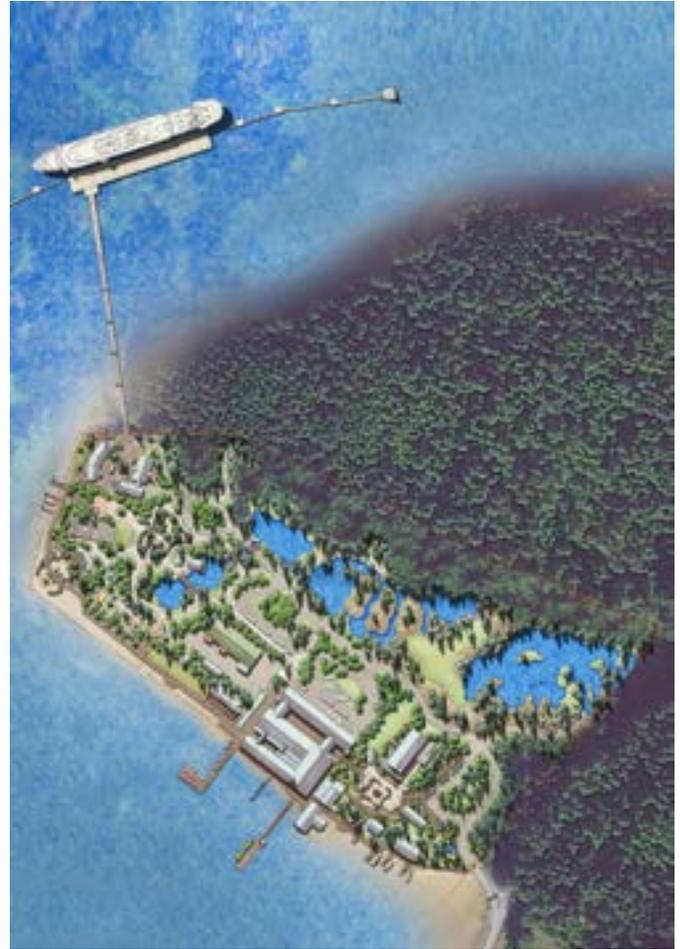
c. POINT OF CONTACT TELEPHONE NUMBER

(907) 523-3670

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

VOA provided master planning for Icy Strait Point Master Plan and Workshop that is located in Hoonah, Alaska, west of Juneau. Icy Strait Point is a picturesque cruise destination with great natural resources for ecotourism and includes the historic cannery buildings used for shops, retail and restaurants and other existing site enhancements.

Key project program elements for the conceptual level master plan for Icy Strait Point included creating a new arrival area for guests at the pier area, a possible new welcome center and related amenities at the pier area, transportation "hub" to transfer guests from the pier to excursions or the main cannery area, new landscape and hardscape improvements as may be needed, and a review of pedestrian access in the pier area. Other possible enhancements could include additional retail / restaurant locations, kiosks opportunities, docking opportunities for water taxis and other water craft, and possible recreational activities



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (CITY AND STATE)	(3) ROLE
a.	VOA Associates Incorporated	Orlando, Florida	Master Planning, Conceptual Design, Landscape Architecture

F. SAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project)

20. SAMPLE PROJECT KEY NUMBER

4

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

**HISTORIC PORT OF FALMOUTH
FALMOUTH, JAMAICA**

22. YEARS COMPLETED

PROFESSIONAL SERVICES

2011

CONSTRUCTION (if Applicable)

2011

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

Port Authority of Jamaica

b. POINT OF CONTACT NAME

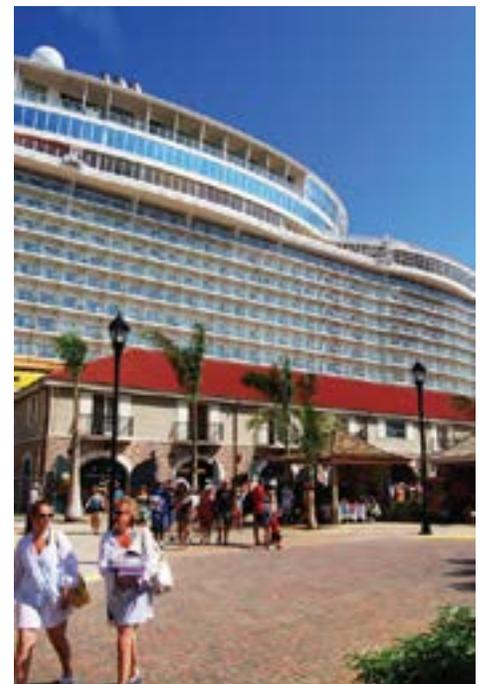
William Tatham

c. POINT OF CONTACT TELEPHONE NUMBER

(876) 922-0209

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

Provided design services for the development of a historic 10-acre wharf district within the 40-acre site. The design preserved Falmouth's unique heritage and culture while refurbishing the existing architecture for the multi-use site. Design features included a new cruise line terminal, retail, restaurants, trolley line, open market area, hotel.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a. (1) FIRM NAME Greg Meyer, PLA	(2) FIRM LOCATION (CITY AND STATE) Orlando, Florida	(3) ROLE Master Planning, Area Development, Landscape Architecture
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F. SAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project)

20. SAMPLE PROJECT KEY NUMBER

5

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

**CHATEAU SMITH HAUT LAFITTE
BORDEAUX, FRANCE**

22. YEARS COMPLETED

PROFESSIONAL SERVICES

2012

CONSTRUCTION (if Applicable)

2012

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 (Include scope, size, and cost)

Entitled Nouaison (First Growth), the signature art piece was commissioned by a notable Bordeaux vineyard with history dating back to the 14th century. The sculpture takes its name from a French term describing the stage of growth when grapevines first develop their fruit a critical moment in wine production.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Hoberman & Associates, Inc.	(2) FIRM LOCATION (CITY AND STATE) New York, NY	(3) ROLE Sculpture Engineering
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F. SAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project)

20. SAMPLE PROJECT KEY NUMBER

6

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

**OLYMPIC ARCH
SALT LAKE CITY, UTAH**

22. YEARS COMPLETED

PROFESSIONAL SERVICES

2002

CONSTRUCTION (if Applicable)

2001

23. PROJECT OWNER'S INFORMATION

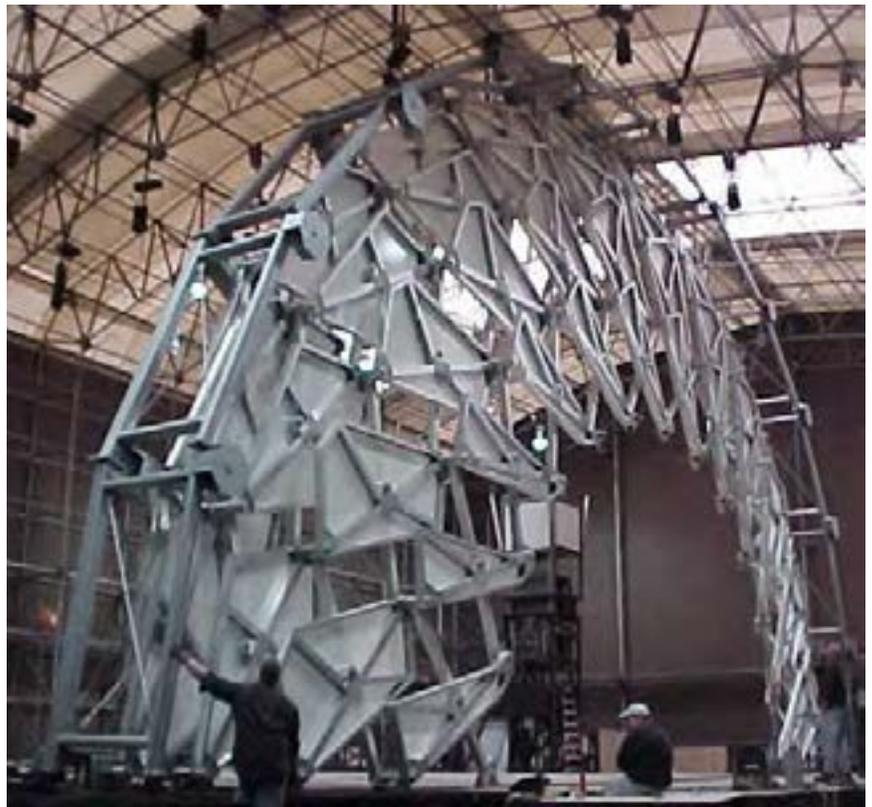
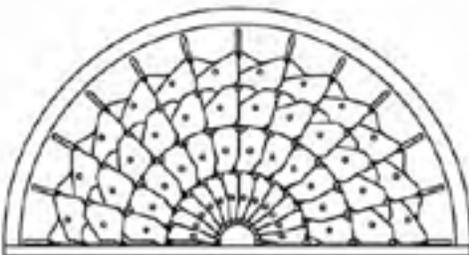
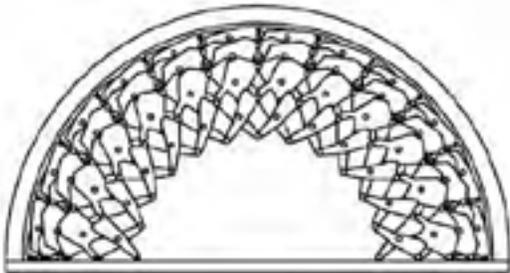
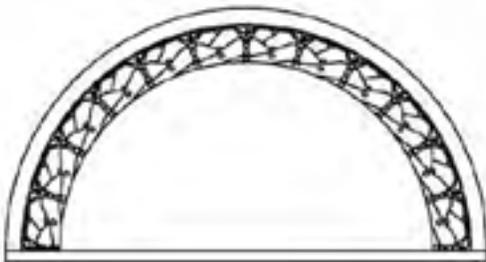
a. PROJECT OWNER

b. POINT OF CONTACT NAME

c. POINT OF CONTACT TELEPHONE NUMBER

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

72-foot diameter retractable arch which formed the centerpiece of the Olympics Medals Plaza stage. Currently installed at University of Utah.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME	(2) FIRM LOCATION (CITY AND STATE)	(3) ROLE
	Hoberman & Associates, Inc.	New York, NY	Sculpture Engineering

F. SAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project)

20. SAMPLE PROJECT KEY NUMBER

7

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

**EXPO 2000
HANOVER, GERMANY**

22. YEARS COMPLETED

PROFESSIONAL SERVICES

2000

CONSTRUCTION (if Applicable)

2000

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 (Include scope, size, and cost)

Design development of a retractable roof (100,000 square foot opening) for a new stadium scheduled for completion in 2017. The roof design is an unprecedented mechanism based on an octagonal aperture with linear movements of structural panels.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Hoberman & Associates, Inc.	(2) FIRM LOCATION (CITY AND STATE) New York, NY	(3) ROLE Sculpture Engineering
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F. SAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project)

20. SAMPLE PROJECT KEY NUMBER

8

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

**U2 360 TOUR VIDEO SCREEN
VARIOUS LOCATIONS**

22. YEARS COMPLETED

PROFESSIONAL SERVICES

2011

CONSTRUCTION (if Applicable)

2011

23. PROJECT OWNER'S INFORMATION

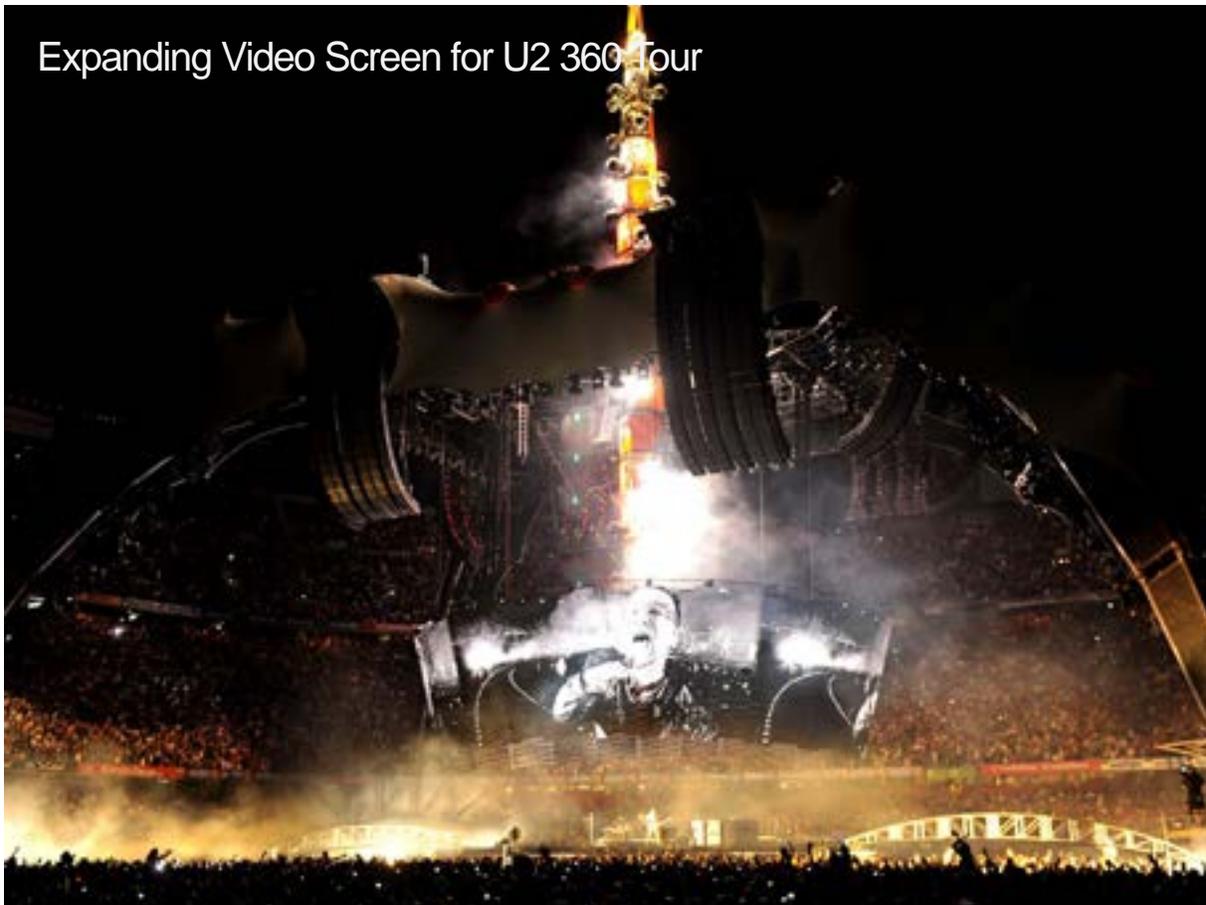
a. PROJECT OWNER

b. POINT OF CONTACT NAME

c. POINT OF CONTACT TELEPHONE NUMBER

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

Expanding Video Screen, a 7-story high expanding conical form with integrated digital video screens, the stage centerpiece for a travelling rock music show.



Expanding Video Screen for U2 360 Tour

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Hoberman & Associates, Inc.	(2) FIRM LOCATION (CITY AND STATE) New York, NY	(3) ROLE Sculpture Engineering
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F. SAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project)

20. SAMPLE PROJECT KEY NUMBER

9

21. TITLE AND LOCATION (City and State)

**CHARLESTON CITY MARINA
CHARLESTON, SOUTH CAROLINA**

22. YEARS COMPLETED

PROFESSIONAL SERVICES

2011

CONSTRUCTION (if Applicable)

2011

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

City of Charleston

b. POINT OF CONTACT NAME

Robbie Freeman

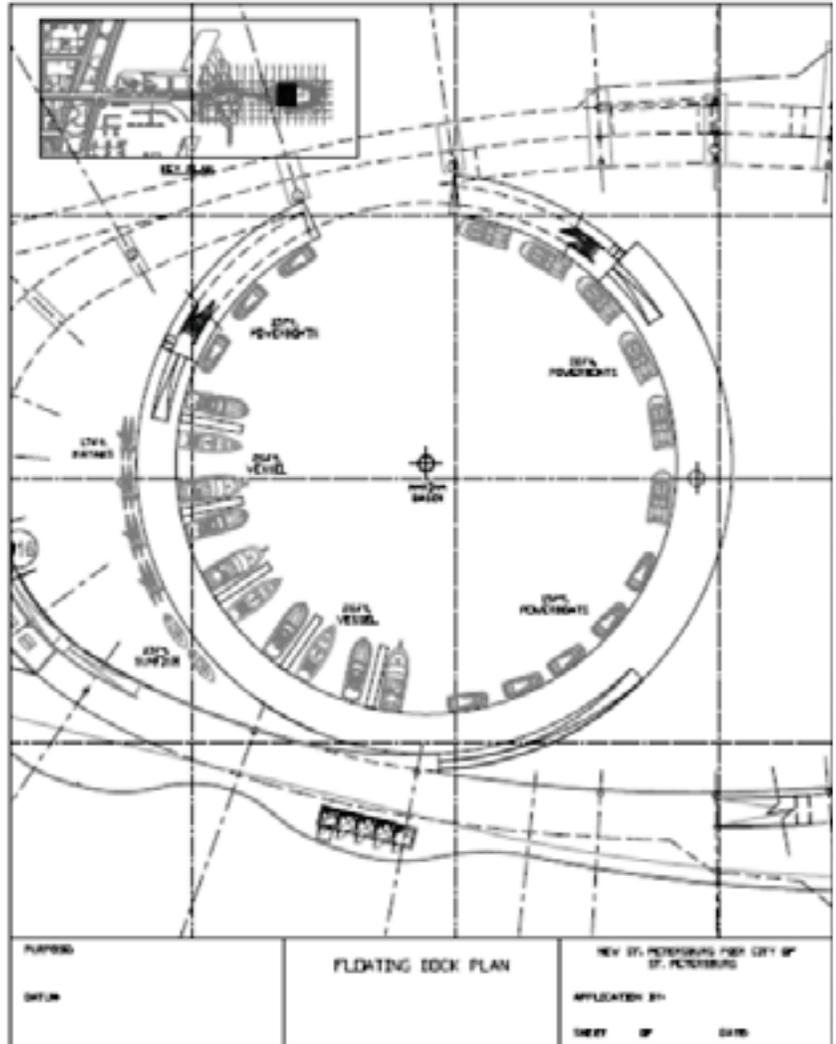
c. POINT OF CONTACT TELEPHONE NUMBER

(843) 577-7702

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

ATM served on the team of the appointed architect, Michael Maltzan Architecture for the redevelopment of the current St Petersburg Pier. Our role included marina planning and design, coastal engineering, permitting support services, and environmental support services. Our work included coordination for the proposed estuary feature, environmental permitting support and liaison to the City's consultant, development of the boat docking facility concept and design, and development of design basis conditions for wind and waves affecting the Pier.

Rob Semmes, MS served as Project Manager and lead marina consultant for the marina, coastal engineering, and permitting services to the lead architect for the redevelopment of the St Petersburg Pier. Completed design basis documentation, marina layouts, marina schematic design, and other services related to the Pier marina and coastal engineering issues. Also served as architect's representative for state and federal permitting for the Pier demolition and redevelopment.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Applied Technology & Management	(2) FIRM LOCATION (CITY AND STATE) Gainesville, Florida	(3) ROLE Project Management, Engineering, Permitting, CA
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F. SAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project)

20. SAMPLE PROJECT KEY NUMBER

10

21. TITLE AND LOCATION <i>(City and State)</i>	22. YEARS COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if Applicable)
MARINA REDESIGN MADERIA BEACH, FLORIDA	2011	2011

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
City of Madeira Beach	Capt. David Mariscano	(727) 399-2631

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

When the City of Madeira Beach acquired an older private marina that had become run down, they contracted with ATM to provide complete planning and design services to create a first class facility as the gateway to their community. ATM prepared the overall site master plan for the redevelopment of the marina, including upland and waterside amenities.

Using money previously obtained from a State Grant, ATM prepared documents for a new boat ramp and fuel tank replacement. ATM also performed all permitting services for the new boat ramp, including FDEP, USACE, and Pinellas County. As part of the renovation, a new ship's store and marina office was designed from the ground up. New fuel tanks were installed and the new site plan included a new dry stack facility and state of the art floating docks and utilities. Limited access to the site and its current use as a public works facility made the project unique.



- Task 1 – Revision of Master Plan (designed by previous engineering firm)
- Task 2 – Design, engineering, permitting and preparation of bid documents for the boat ramp.
- Task 3 – Design, engineering, permitting, preparation of bid documents (and testing), etc. for the installation of new double wall fuel tanks and removal/disposal of old fuel tanks.
- Task 4 – Design, engineering, permitting, preparation of bid documents for the new ship store and demolition of the old ship store.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Applied Technology & Management	(2) FIRM LOCATION (CITY AND STATE) Gainesville, Florida	(3) ROLE Project Management, Engineering, Permitting, CA
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G. KEY PERSONNEL PARTICIPATION IN SAMPLE PROJECTS

26. NAMES OF KEY PERSONNEL (From Section E, Block 12)	27. ROLE IN THIS CONTRACT (From Section E, Block 13)	28. SAMPLE PROJECTS LISTED IN SECTION F (Fill in "Example Projects Key" section below before completing able. Place "X" under project key number for participation in same or similar role.)									
		1	2	3	4	5	6	7	8	9	10
Jonathan F. Douglas, AIA VOA Associates, Inc.	Design Principal-in-Charge	X	X	X							
Greg Meyer, RLA VOA Associates, Inc.	Lead Designer	X	X	X	X						
Richard Reep, AIA, LEED AP VOA Associates, Inc.	Sr. Project Manager	X	X	X							
Daryl LeBlanc, AIA, LEED AP VOA Associates, Inc.	Sr. Designer	X	X								
Alonso Rodriguez, LEED AP VOA Associates, Inc.	BIM Manager	X									
Chuck Hoberman Hoberman Associates, Inc.	Lead Sculpture Engineer					X	X	X	X		
Matthew Davis Hoberman Associates, Inc.	Sculpture Engineer					X	X	X	X		
Robert Semmes, MS Applied Technology & Management	Marina Consultant									X	X
Peter Patterson, PE Applied Technology & Management	Coastal & Marina Engineering									X	X
Timothy Mason, PE Applied Technology & Management	Sr. Coast Engineer									X	X
Steven Peene, Ph.D. Applied Technology & Management	Water Resources									X	X

29. SAMPLE PROJECTS KEY

NO.	TITLE OF SAMPLE PROJECT (FROM SECTION F)	NO.	TITLE OF SAMPLE PROJECT (FROM SECTION F)
1	Disney Springs Reconstruction Project Orlando, Florida	6	Olympic Arch Salt Lake City, Utah
2	Carillon Town Center St. Petersburg, Florida	7	Expo 2000 Hanover, Germany
3	Icy Strait Point Master Plan Honnah, Alaska	8	U2 360 Tour Video Screen Used in Various Locations
4	Historic Port of Falmouth Falmouth, Jamaica	9	St. Petersburg Pier St. Petersburg, Florida
5	Chateau Smith Haut Lafitte Bordeaux, France	10	Marina Design Maderia Beach, Florida

H. ADDITIONAL INFORMATION

30. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY.

VOA FIRM INTRODUCTION

VOA Associates Incorporated, founded in 1969, is an international planning, interiors, and architectural design practice with offices located in Orlando, Florida; Chicago, Illinois; New York, New York; Highland, Indiana; Washington, D.C.; São Paulo, Brazil; Shanghai, China; and Beijing, China. The firm's diversified practice is international in scope and includes: vacation ownerships, condominiums, themed venues, hotels, resorts, retail and mixed-use facilities, restaurants, spas, and conference centers.

VOA landscape design spans the globe, ranging in scale from hundreds of acres of waterfront development, to neighborhood parks, to urban streetscapes, resorts, and commercial developments. We collaborate with each client and community to realize their unique vision and to create dynamic settings that are life-affirming and environmentally responsible.

VOA provides comprehensive services to help today's developer and operator respond to the needs of the leisure and business market by creating Hotel projects that deliver excitement, efficiency and bottom line success. Focusing on the "guest experience" our integrated team of planners and interior designers work with each client to explore a wide range of ideas that redefine spectacular.

VOA is strategically located to provide complete architectural and interior design services worldwide for new and renovation projects. Our diverse range of services include:

- Architecture
- Planning
- Interior Design
- Master Planning
- Programming
- FF&E Procurement
- Branding
- Graphic Design
- Placemaking
- Landscape Architecture
- Repositioning
- Sustainable Design / LEED



REFERENCES FOR LEAD DESIGNER - GREG MEYER, RLA

Castaway Cay, Bahamas

Jim Durham
(321) 945-4507
jim.durham@sands.com.mo

Ritz Carlton Resort, Sarasota

Kevin Daves
(316) 686-2290
1111 Ritz-Carlton Drive 1601
Sarasota, Florida 34236

Historic Port of Falmouth

William Tatham
(876) 922-0290
The Port Authority of Jamaica
15-17 Duke Street
Kingston, Jamaica

H. ADDITIONAL INFORMATION

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SUSTAINABLE DESIGN

sustainable design is a core value at VOA NOT A TREND

VOA is an international design firm committed to making a better world for our clients and their communities through a sustainable and integrated design approach.

VOA is a registered member of the U.S. Green Building Council with 84 LEED™ Accredited Professionals firm-wide. To further our dedication to LEED design, VOA has pledged to adopt the AIA 2030 Commitment which would challenge our company to target the design of our buildings as carbon neutral by year 2030.

We are dedicated to educating our clients and staff, holding regular sessions to disseminate the newest information regarding trends and tested technologies associated with sustainable design. All of our professionals demonstrate an understanding and knowledge of methods and approaches used to develop environmentally responsible designs that positively impact people, the planet and profit. VOA recommends solutions that save operating costs, provide flexibility for future changes and minimize impacts on the environment.

The goal of a sustainable approach is to collaborate with our clients to fully realize their goals and mission, creating long term value for their operations as well as recognizing the environ-



GREEN ROOF, LEXINGTON PARK CONDOS



GREEN ROOF, DAS KINOWERKS

AIA 2030 Commitment



BUILDING MODEL INFORMATION (BIM)

VOA is a recognized industry leader in the use of technology and today provides systems for all areas of project work supported by a dedicated IT team. VOA has a comprehensive Digital Media team that supports production of interactive web based presentations, project websites, multimedia presentations and integrated video presentations. The VOA team utilizes Autodesk Revit 2012 software as our standard computational building information modeling platform that brings with it the ability to visualize alternatives quickly and predict the performance of a building before it's built.

VOA's software analytics is continuing to grow beyond basic applications such as Daylighting, Solar/Heat Gain, and Building Envelope to increasingly more complex modeling of whole building performance. VOA uses Autodesk Ecotect Analysis 2010 for a comprehensive, concept-to-detail sustainable design analysis tool that provides a wide range of simulation and analysis functionality. **This includes energy savings based on simulating weather variations, envelope heat transmission, internal load fluctuations, ventilation and air infiltration, impacts, HVAC equipment part-load efficiencies, and considered control strategies.**

VOA incorporates Life Cycle Costing (LCC) using BIM model technology in conjunction with the US National Institute of Standards and Technology (NIST) Life Cycle Costing Manual for the Federal Energy Management Program (NIST Handbook 135), which annually issues real growth Energy Price Indices and Discount Factors for Life Cycle Cost Analysis. NIST has also established the Building Life Cycle Cost (BLCC) computer program to perform LCC analyses which VOA combines with standard MS Excel software templates to provide analysis used in the selection of alternatives that impact both pending and future costs.

H. ADDITIONAL INFORMATION

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VOA IN THE PRESS

VOA is consistently ranked among the design industry's top firms, including latest 2013-2014 rankings

- Architectural Record's Top 300 Architectural Firms (#43)
- Building Design & Construction's Top 300 / Top Architectural Firms (#16)
- ENR's Top 100 Green Design Firms (#95)
- ENR's Top 500 Design Firms (#201)
- Hotel Business' Top Architects & Designers (#21)
- Interior Design Magazine's Giants in Hospitality (#8)
- Interior Design Magazine's Giants in Healthcare (#35)
- Interior Design Magazine's Top 100 Design Giants (#35)
- Orlando Business Journal's Top 25 Largest Architectural Firms (#8)
- Orlando Business Journal's Top 25 Largest Interior Design Firms (#8)

The firm and key team members have been featured in numerous industry magazines including:

- Casino Design
- Contract Design
- Florida Hotel & Motel Journal
- Florida Real Estate Journal
- Hospitality Construction
- Hospitality Design Magazine
- Hospitality Style Online
- Hotel & Motel Management

- Hotel Business
- Hotel Design
- Hotels
- Hotels Investment Outlook
- Lodging Hospitality
- Interior Design
- Strategize Magazine



DESIGNING MINDS, ROUNDTABLE HOTEL DESIGN MAGAZINE



FEATURE ON LUXURY HOTEL PROJECT IN COMMERCIAL CONSTRUCTION MAGAZINE

HOBERMAN ASSOCIATES, INC.

Hoberman Associates is a multidisciplinary practice that specializes in transformable design—the design and development of products, structures, and environments that change their size and shape. We believe that a world undergoing accelerating change needs an adaptive, interactive approach to design. **Whether that's inventing a rapidly deployable shelter, collaborating with architects in developing the next generation of adaptive buildings, or redefining portability in the children's products market, our clients seek us out to shape change—and inspire it.**

Hoberman Associates, Inc. (HAI) was founded in 1990 by designer Chuck Hoberman, whose international career seamlessly fuses art, design, engineering, and architecture. HAI was founded with the primary aim to design behavior – to create objects that have the living qualities of organisms. Throughout its history HAI has focused on fostering a dynamic relationship between product and user. Its unique approach has been most prominently demonstrated in the Hoberman Toy line, founded in 1995. Subsequent design explorations include rapidly deployable tents, miniature medical instruments, and juvenile products.

In recent years HAI has embarked on a series of architectural collaborations to create adaptive buildings. Working with architectural firms in America, Europe and Asia, Hoberman is creating responsive shading and ventilation surfaces, operable roofs and canopies, and retractable facades for multi-use spaces.

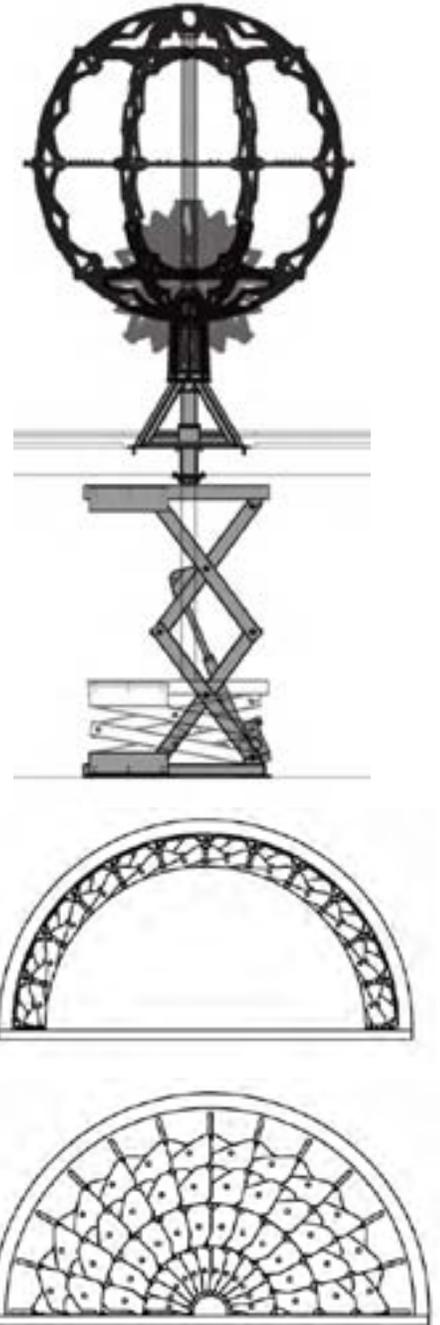
The primary motivation for our architectural projects is to achieve energy savings and enhanced building environments within the context of advanced sustainable strategies. Our role is concurrently creative and technical, and our work is justified by its performance, including environmental impact, architectural integration and visitor experience theory of transformation. Hoberman Associates' work is centered on the fundamental idea that a designed object can transform the way a natural organism does. **While the smooth transformation of size and shape is ubiquitous in the natural world, it is rare among manmade objects.**

The creation of transforming objects requires a new design theory, a conceptual framework that draws on mathematics, mechanics and structural engineering to integrate change as a basis for design. Through years of exploration and experimentation we have identified critical parameters for the successful creation of transforming objects.

The process of transformation should be:

- Complete & fully three-dimensional
- Smooth & continuous
- Reversible & repeatable

These attributes result in functional benefits for products, such as ease of use, fluid responsiveness and adaptability. They lead to an integrated design approach where structure and mechanism are combined, which offers the ability to build transforming structures at both large and small scale.



H. ADDITIONAL INFORMATION

30. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY.

APPLIED TECHNOLOGY & MANAGEMENT (ATM)

An international consulting firm with a focus on the southeast U.S., **ATM has 30 years of experience providing environmental and marina planning and design services to public clients as well as multi-disciplinary planning and design teams throughout the world.** ATM has worked with some of the finest planners, architects, hotel and development companies such as EDSA, Kerzner International, Four Seasons, Starwood Hotels and Resorts, Fairmont, Ritz-Carlton, Hyatt, Disney, Nakheel, Great White Shark, and many other global brands.

Our staff includes Professional Engineers, Ecologists, Environmental Scientists, CAD and GIS Technicians, Modelers, Marina Specialists and a Professional Surveyor. All of ATM's service areas focus on engineering, market, environmental, and sustainability integration from the earliest part of the planning phases. Our experience in ecology, water resources, and coastal engineering provides valuable issue identification and solutions throughout project feasibility, planning, design, construction, and operations.



ATM has a full-service “waterfront team” with comprehensive experience in all phases of waterfront development. They use an integrated approach to waterfront development and redevelopment with proven success in the municipal arena. Their project methodology involves the combined and parallel analysis of market demand, economics, environmental considerations, community goals, engineering factors, and operational issues that drive the planning, design, and construction process. Our project sites range from small, environmentally sensitive locations to urban, heavy-use, and congested facilities. Issues considered throughout our projects have been minimization of impacts to environmental features, optimization of operations, implementation of advanced industry standards in design and construction techniques, and specific attention to scheduling and cost controls.

ATM operates at the forefront of sustainable marina development and has designed facilities to be compliant with “Clean Marina” or “Blue Flag” programs. Our excellence in the field of marina design has resulted in the receipt of the 2009 PIANC Jack M. Nichol Award for outstanding marina design. In addition, ATM has been extremely successful on behalf of our clients with the Boating Infrastructure Grant Program. This has resulted in \$9.3 million for our clients use in marina development and redevelopment.

ATM engineers and scientists work regularly with State, Federal, and local permitting and thoroughly understand the technical, environmental, legal, and public awareness issues involved. Their permitting specialists have extensive specific experience working within sensitive environments, and have an impressive record of permitting success.

H. ADDITIONAL INFORMATION

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PROFESSIONAL LICENSES

VOA - State of Florida Architecture



VOA - State of Florida Landscape Architecture



VOA - Jonathan F. Douglas, AIA - Design Principal-in-Charge



VOA - Greg Meyer, RLA - Lead Designer



H. ADDITIONAL INFORMATION

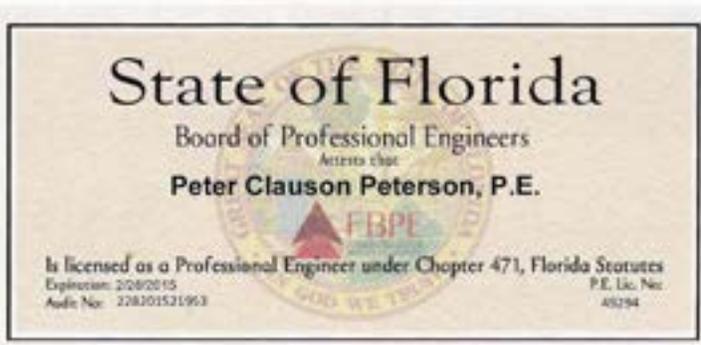
30. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY.

PROFESSIONAL LICENSES

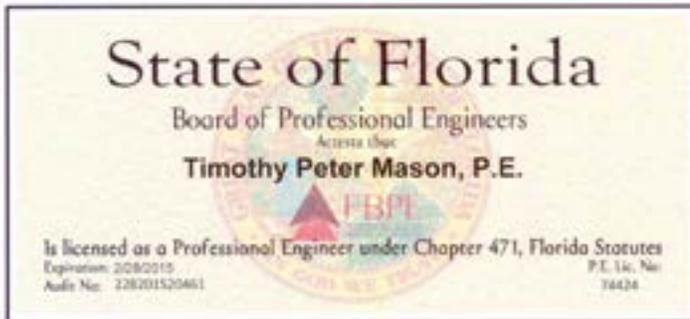
ATM - State of Florida Engineering

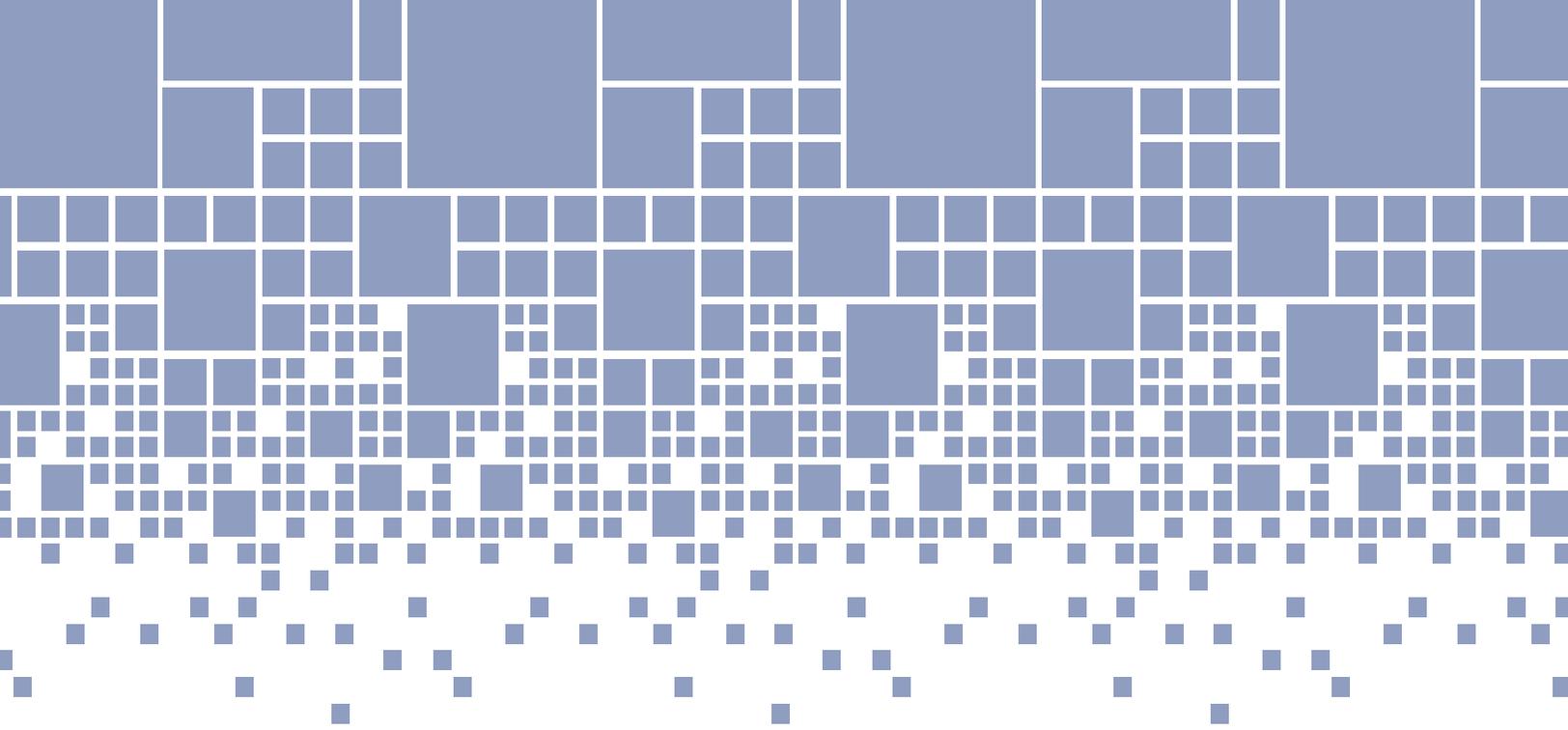


ATM - Peter Peterson, PE - Coastal Marine Engineer



ATM - Timothy Mason, PE - Senior Coastal Engineer





VOA Associates Incorporated

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For more information, please contact:

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architecture + planning + interior design + landscape architecture