### Professional Qualifications Proposal Architectural Services

Architectural Services
For Design of Key West City Hall
At the Glynn Archer School
RFQ #13-001



City of Key West, Florida



Submitted By:
Mr. Dennis A. Beebe, RA, NCARB

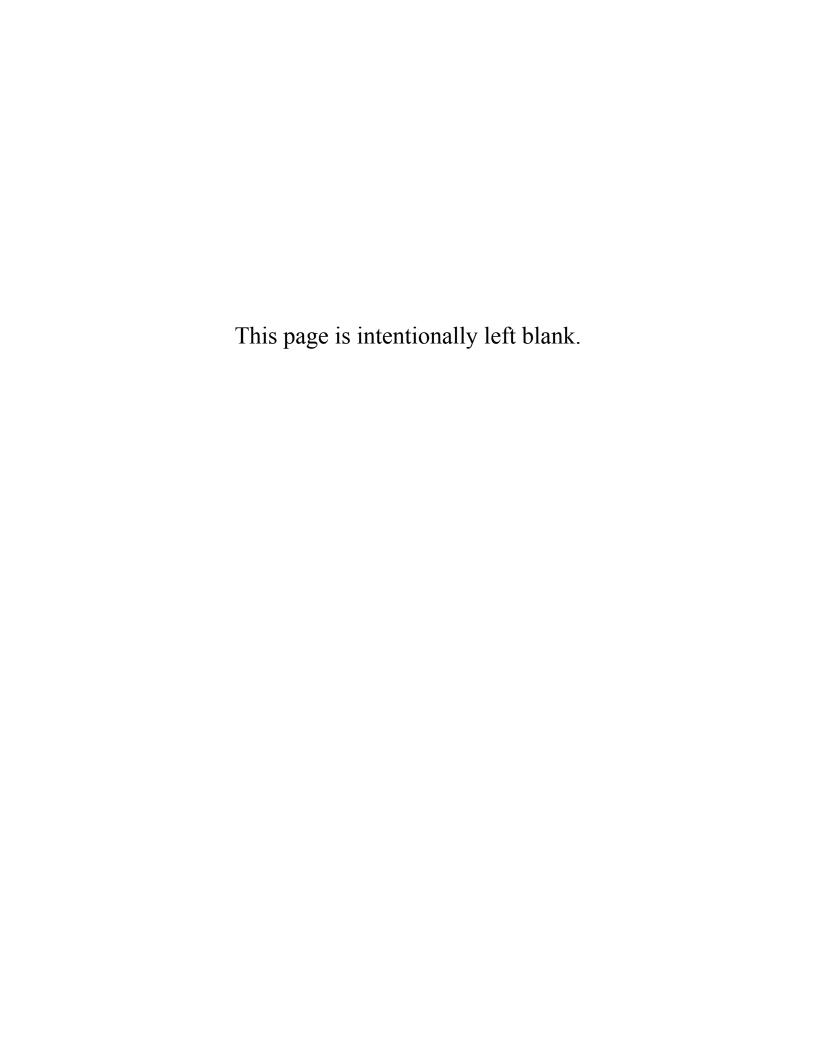
Solaria Design & Consulting, Co.
925 Truman Ave., Key West, FL 33040
(305) 296-8885
dennis@solariadesign.com

In Association With:
Mr. Rick Gonzalez, RA, AIA

REG Architects, Inc.
300 Clematis Street, 3<sup>rd</sup> Floor
West Palm Beach, FL 33401

(561) 659-2383

December 12, 2012



December 12, 2012

Mr. Doug Bradshaw Senior Project Manager City of Key West 3126 Flagler Ave Street Key West, FL 33040

SUBJECT: REQUEST FOR QUALIFICATIONS FOR ARCHITECTURAL SERVICES: KEY WEST CITY HALL - RFQ 13-001

Mr. Doug Bradshaw:

SOLARIA Design & Consulting Co. is pleased to submit our Team's qualifications for the proposed adaptive reuse of the historic Glynn Archer School into the new Key West City Hall. In association with SOLARIA, REG Architects of West Palm Beach, FL and Stirling & Wilbur Engineering Group will provide 25+ years of experience with many successful similar projects completed for other cities in south Florida.

Uniquely qualified as the only full service architecture, engineering and planning company headquartered in the Florida Keys, the SOLARIA Design & Consulting Co. led Team brings all of the skills necessary for a successful project. Our team will not only provide facilities for city hall staff but will, by the historic nature of the school, continue to maintain the historic fabric of the immediate neighborhood and Key West. Our Team is committed to this project with strong qualifications in every aspect of the project.

SOLARIA Design & Consulting Co. has 34 years of architectural and engineering service in Key West and the greater Florida Keys. Dennis Beebe, Director of Architecture at SOLARIA, has served as chairman of HARC (Historic Architectural Review Commission) for three years. His work in adaptive reuse, restoration and renovation for many historic structures and new buildings in the Key West Historic District has received numerous awards of excellence by the Historic Florida Keys Preservation Board.

SOLARIA has led in the Florida Keys and many other locales with its unique experience and knowledge in sustainable systems. SOLARIA has designed highly sustainable structures in the Keys, the Bahamas, Caribbean and other states. Our work includes rainwater systems, water management & reuse, advanced HVAC systems, solar photovoltaics, solar hot water, and wind systems. SOLARIA specializes in designing buildings with highly efficient exterior envelopes (walls, roofs, and floors) that require low energy use, are strong, durable and cost effective.

REG Architects and SOLARIA have worked together in the past and are teaming again for this project. REG Architects has a long and awarded history of working with Historic Buildings in South Florida. Rick Gonzalez, AIA, President of REG, is currently Vice President of the Florida Trust for Historic Preservation and will be president of that organization beginning June 2013. Rick is also on the State of Florida Historic Commission (FHC) and serves on the National Register Committee for the FHC. He is on three national universities' school of architecture / historic preservation boards of advisors.





REG Architects has completed historical reuse project on several governmental buildings in south Florida, most notably the Palm Beach County Court House circa 1916. The similarities of this project and the Glynn Archer School are self-evident as you review the project profiles illustrated later in this RFQ response.

Stirling & Wilbur Engineering Group is currently working in Key West most notably at 1800 Atlantic and was involved with the Marriott Casa Marina project as a consultant to the construction manager on concrete repairs and restoration efforts.

Together, our Team has the talent, desire, resources, and time to provide all required services for this historic project, which include:

- As a local firm we are sensitive to the historic nature of the Glynn Archer School, the surrounding neighborhood and the island city of Key West.
- Development of complete construction documents and specifications for architecture, structure, civil, landscape, mechanical, electrical, plumbing, and life safety.
- Producing sustainable designs that provide energy savings and maintainability based on lifecycle cost analysis.
- Work with the City Staff to facilitate a smooth process from authorization through completion.
- Assist with bid procurements and ranking.
- Provide project administration and represent the owner's interests at every step.

We pride ourselves by being able to address the needs of our clients in a timely and professional manner. Our knowledge of Key West has been gained by virtue of working and residing in Key West for thirty years. The selection of Solaria Design, REG Architects, and Stirling & Wilbur Engineering Group will ensure a personal interest in this project from inception through completion. Our Team looks forward to working with the City of Key West on this significant project.

Sincerely.

**KEY WEST** 

Dennis A. Beebe RA, NCARB Director of Architecture, SOLARIA



Existing Glynn Archer School circa 1923



Palm Beach Courthouse circa 1916 REG Architects 2007

**MARATHON** 

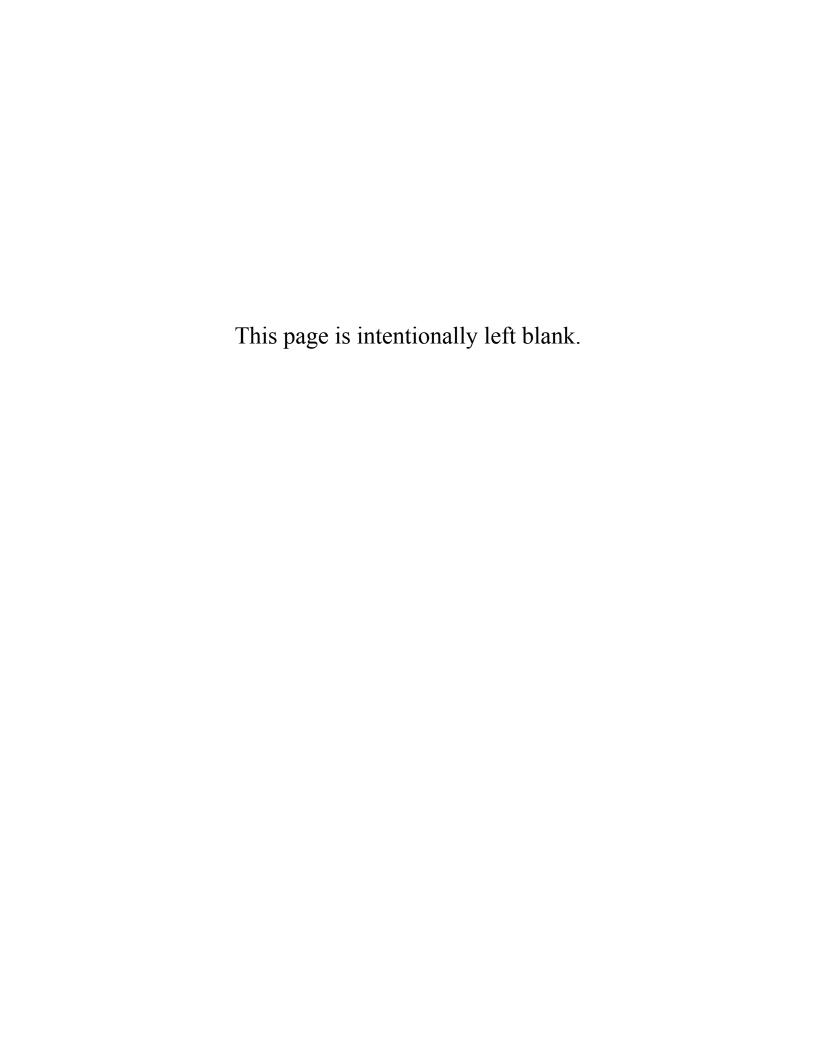
SOLARIA Design & Consulting Co. AA26001807 CA28784 925 Truman Ave, Key West, FL 33040





### **Table of Contents**

1.	Executive Summary	1
2.	Team Introduction	3
3.	Team Leadership	7
4.	Organizational Chart	<u>c</u>
5.	Past work Experience	11
6.	Relevant Specialized Experience, Technical Competence	19
7.	Proposed Management Approach and Implementation	31
8.	Capacity	37
9.	Location and Availability	39
10.	Cost & Estimating Accuracy	41
11.	LEED Certified Staff Professionals	43
12.	Resumes	45
13.	Affidavit & Certification	89
14.	Licenses	95
15	Addendum	101







Section 1 – Executive Summary





### 1. Executive Summary

### **COMPANY PROFILE**

**SOLARIA** Design & Consulting Co, is the only full service **Architecture**, **Engineering**, **Planning and Preservation** firm headquartered in the Florida Keys with offices in Key West and Marathon, FL. SOLARIA was established in 2008 with a core business focus of providing sustainability integrated with superb design. With the experience and direction of partners Dennis Beebe, architect and Steven Grasley, engineer, the company melds historic building adaptive reuse with 21<sup>st</sup> century technology.

The company portfolio contains 30+ years of completed projects in Key West, the Keys and beyond. Many of the projects were awarded for Excellence of Design for Historic Buildings. Other completed projects at SOLARIA are of innovative designs that provide buildings with a long and energy efficient lifecycle, some of which are totally independent of the utility grids.

Our project philosophy at SOLARIA has been to establish balance through design in applying sustainable construction methods and systems that achieve true value in construction. This approach provides a project that is maintainable in the long term, and ultimately a project that has the lowest life cycle cost achievable while maintaining quality in design.

Our experience has been that highly sustainable projects cost very little more to construct, when properly compared to completing the project using traditional methods. We always keep foremost in mind that the cost to operate a building over a design life of 75-100 years will be easily hundreds or thousands of times the cost of construction. Therefore, actions during design and construction that save only a few dollars a month during operation add up quickly to millions of dollars in lower life cycle cost. This "embedded value" is what Solaria strives to maximize with our sustainability design focus.

The major sustainable design issues that SOLARIA considers for every project, during every phase of design, are the building orientation, the envelope, energy efficient window and door selection and opening design, balanced natural and artificial lighting, balanced interior climate control, rainwater systems, water conservation & reuse, solar electric and solar water heating.

With historical building adaptive reuse projects, the basic building location, shape and orientation are fixed. There is no option of turning the building to get a better angle to the sun for example. However, there are a plethora of design & engineering actions that enable a sustainable design. SOLARIA, has the knowledge and experience to provide this type of adaptive design for the reuse of the historic Glynn Archer School to become the new Key West City Hall.





### POTENT COLLABORATION

SOLARIA has TEAMED with **REG Architects** of West Palm Beach, FL which has many years of experience in Architecture and Interior Design and are specialists in **Historic Preservation**, **Rehabilitation**, **Adaptation**, **& Conversion of Historic Structures** and has completed several award winning City Hall and Court House projects in South Florida.

REG Architects, Inc. was originally established with the forming of a father & son Architectural team, Rick and Ricardo Gonzalez, as principals of the firm in 1988. Together, this team has over 75 years combined experience. Today the company has a team concept in place with Rick Gonzalez, AIA overseeing the firm's 14 employees in four departments: design, production, construction and interiors.

REG Architect's philosophy is of a "team" approach. This is evident in the quality of their products and services, which is only possible through a high level of coordination, cooperation and efficiency. Individual experience relevant to this project is contained within each employee resume.

The high quality of REG's professional services has resulted in the firm being nominated for, and receiving, industry awards and recognition as a leader at the State, local and national level.

**Stirling & Wilbur Engineering Group** is another key component in the TEAM, and is a structural engineering company with extensive experience with **Historic Structures** in Key West and South Florida. They have worked in Key West on a regular basis.

The principals of the these firms, who have worked together in the past, have determined that their collaboration would create a TEAM with the experience and track record that the City of Key West needs to complete this important project successfully. The companies compliment each other with combined strengths in *Historic Adaptive Reuse and Sustainable Design*. Staff members at SOLARIA and REG Architects are LEED certified.

In addition to talent and experience, our TEAM possesses a strong understanding of the local cultural, historic and environmental resources of the City of Key West and the Florida Keys. As a result of many years of residing and working in Key West, we genuinely understand the unique qualities of our island environment. Our strength is in our understanding of how a building design and construction processes affect a community and the Historic District.

The combination of these firms and our other TEAM members will provide the City of Key West all of the required professionals to successfully plan and implement the conversion of the Historic Glynn Archer School into the new City Hall for Key West.





Section 2 – Team Introduction





### 2. Team Introduction

We have assembled a TEAM of Sub Consultants who are all experienced in the Conversion of Historic Structures into New Uses and have worked with other TEAM members and in Key West

#### **Architects:**

SOLARIA's, architectural department lead by Dennis Beebe, RA has, over the course of the past 25 years, served as chairman of HARC for three years and has been awarded for Excellence numerous times, by the Historic Florida Keys Preservation Board for Adaptive Reuse, Restoration and Renovation of many Historic Structures and new buildings in the Key West Historic District.

Also at SOLARIA, William Shepler RA, LEED AP, Project Manager and Project Architect maintains responsibilities for the creation, coordination and administration of multiple projects. He has knowledge and experience in all phases of architectural design and construction for many project types including: Civic, Institutional, New Construction, Existing Building Renovations and Historic Restoration. His strong analysis skills include building programming, space planning, preparing landmarks Preservation Commission and Historic Architectural Review Committee filings, Preparing and Negotiating Project Contracts and Change Orders.

REG Architects, President Rick Gonzalez AIA was appointed to the Florida Historical Commission (FHC) by Governor Charlie Crist in 2008 and to Florida Board of Architecture and Interior Design (BOAID) by Governor Bush for two terms 2000-2007 (Chairman 2005 & 2006). REG Architects is an award winning firm, whose design standards have been used as examples for Palm Beach County's Architectural Guidelines, Florida CNU Guidebook & ULI Land Development Handbook.

Vlad Dumitrescu, AIA, LEED AP, Sr. Project Designer at REG Architects, has over twenty-five years experience in the fields of architecture and urban design working in the United States. Originally from Rumania, he earned his Master in Architecture from "Ion Mincu" School of Architecture, Bucharest, Rumania. Vlad works with conceptual design, design development refinement and presentations in architecture; research and analysis in urban design; and 3D design and renderings on a variety of projects.

### **Structural Engineers:**

SOLARIA's engineering department is under the direction of Steven Grasley, PE. Under his leadership SOLARIA has produced a number of sustainably designed projects that consider lifecycle performance and efficiency of construction while meeting all the stringent wind load and flood zone requirements of Monroe County and Key West. SOLARIA's structural design is always integrated with the architectural process to specifically preserve the aesthetic character of





each unique project. Under Steve's direction SOLARIA has a steady stream of concrete restoration projects. Currently SOLARIA is providing structural and repair design several large-scale concrete restoration projects in the Keys.

Stirling & Wilbur Engineering Group, is a structural engineering firm which has supported the structural restoration of numerous historic buildings in Key West and throughout Florida since 1984. Brian Stirling and Stephen Wilbur, lead the firm in the design and on site supervision of structural repairs to historic structures.

### **Landscape Architect:**

Elizabeth Newland Landscape Architecture LLC, has created many award winning landscape designs in the historic district of Key West.

### **Surveyor:**

Island Surveying Inc. principal, Frederick H. Hildebrandt is a Key West based, veteran owned, Surveying and Engineering firm since 1983.

### **Interior Design:**

REG Architects Director of Interior Design Karen Gonzalez, I.I.D.A has been involved in interior design at REG for over 20 years. The strengths Mrs. Gonzalez brings to the TEAM are her ability to work on a wide range of interior project types with a diverse clientele and her sensitivity to issues related to Interior Design and government office planning.

### Mechanical (MEP) Engineer:

SOLARIA, has completed many Sustainable Mechanical, Electrical and Plumbing designs that save energy while providing outstanding performance in new and existing structures. SOLARIA is a leader in the Keys and statewide with knowledge and experience in fielding Sustainable Systems include systems such as: rainwater systems, water management & reuse, advanced HVAC systems, solar photovoltaic, solar hot water, and wind systems. SOLARIA is a member of the Florida Keys Chapter of the USGBC, a member of FGBC and staff members are LEED AP certified

### **Civil Engineer:**

As a full service engineering company, SOLARIA has completed many large scale brownfield civil projects that are centered on sustainable and green designs. These projects have applied innovative storm water management systems, rainwater catchment and pervious paving systems to name only a few of the advanced site level technologies SOLARIA has deployed. Site designing at SOLARIA also includes all site utilities for sewer, water and electricity, lift stations, telephone and cable, paving, parking and traffic circulation as well as site security and lighting. SOLARIA also provides FDOT, SFWMD, Army Corp and FDEP designs and permitting for roadway and environmental systems and is under contract with FDOT to provide permit applications engineering support.





### **Cost Estimator:**

Zabik and Associates located in Lake Clarke Shores, FL experiences include: review of contract change orders, review and approval of construction project cost estimates, assistance with CM at Risk bid tab evaluation and new building project estimating. Zabik prides themselves in that all projects are completed within the assigned times and meet the requirements of the project managers. Lawrence Zabik, Managing Partner, and Roger Kopp, Senior Cost Estimator, have a combined 77 years of cost estimating experience for Government and Historic projects.

### **Environmental Remediation Specialist:**

Eco Advisors LLC, have worked on many historic buildings with TEAM members addressing the removal and disposal processes of all hazardous material.

Karen M. Meyer, CIH, Executive Vice President, has over 30 years of diverse experience as an Environmental and Occupational Health Consultant. Her field experience at demolition projects, as well as commercial, residential, and manufacturing facilities provides the foundation for her strong project management skills, her ability to ensure a safe work site through client and contractor relationships, budget planning and analysis, staff management, and project scheduling.

David Johanson, Project Manager at Eco Advisors, has over 18 years of experience in the Environmental Industry. He has distinguished himself at maintaining client relations for major nationwide accounts, including accounts for local government agencies and large corporate firms. His experience in building inspections includes environmental hazards (asbestos/lead. As a lead risk assessor, he has worked with private housing entities as well as municipalities and school districts to identify lead hazards and assist in their management or remediation.

### **Land Planners:**

Trepanier & Associates, Inc. is a Key West planning firm with many years of experience with similar size projects in the historic district of Key West. They have worked with SOLARIA on several Key West projects. Their experience includes Urban, Community, and Economic Development. Trepainier & Associates areas of expertise include: Beneficial Use, Conditional Use, Comprehensive Planning, Development Plans, Downtown Revitalization, Historic Architectural Review, Long Range Planning, Strategic Planning, Tree Commission, Vacations of Rights-of-Way and Variances.

### **Traffic Engineers:**

Traf Tech Engineering, Inc. is an engineering consulting firm that provides traffic engineering and transportation planning services to both public and private sector clients in Key West and throughout the state of Florida.

Joaquin E. Vargas, PE Transportation Engineer, has 21 years of experience in Florida traffic studies and designs. Joaquin is an accomplished transportation engineer specializing in traffic operations studies, safety studies, access management, parking studies, and capacity analyses of intersections, arterials, and interchanges.

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Section 3 – Team Leadership





### 3. Team Leadership

The SOLARIA TEAM represents some of the strongest local and regional talents in the Key West and South Florida.

**Dennis Beebe, RA**, the TEAM leader is Vice President and Director of Architecture at SOLARIA. He has operated a successful architectural practice in Key West and the Keys for more than 30 years. This success is attributed to his talents and abilities in architecture and his concern and attention to historic building projects, which is proven by the many design for Excellence awards bestowed upon him. His unmatched professional attitude of cooperation has allowed him to complete many projects in the Historic District of Key West.

Dennis is also accomplished with land planning in Key West and Monroe County. He has successfully obtained many project related variances, and major development approvals with both the City and County.

Added to the aforementioned is his commitment to the community. Dennis has served as chairman of HARC for three years, as a member of the Contractor's Examining Board and English teacher with the Literacy Volunteers of America.

**Steven Grasley, PE**, is President and the Director of Engineering at SOLARIA and is the lead engineer and fulfills project and construction management rolls. He is an experienced technical executive with a broad range of high technology background from design engineering to corporate marketing management and general management, including expatriate assignments in the Asia-Pacific region. Mr. Grasley has a demonstrated track record of technical expertise, business management, multifunctional leadership and high impact, business process improvement. Steve is a knowledgeable, high energy, team leader with infectious enthusiasm and a unique ability to simplify and solve complex problems with a diligent customer focus.

Steve's primary licensure is Architectural Engineering (AE). This is widely recognized as one of the most stringent engineering licenses as it covers all engineering disciplines for the built environment. AE's are required to demonstrate proficiency in site utilities, geotechnical, structural, mechanical, electrical, plumbing and fundamental architectural design disciplines. AE licensure is a relatively recent national category of licensing set up to recognize the need to establish engineers skilled in all aspects of the built environment as building systems have become more integrated and complex. As such, SOLARIA is able to offer a breadth of services rivaled only by much larger and more expensive firms.

Steve has provided engineering project management and construction oversight for commercial, residential, governmental, institutional, and recreational projects throughout the Florida Keys and South Florida since 2000. Prior to that Mr. Grasley worked in senior management and engineering capacities (including Manager, Director, and Vice





President) for large corporations such as Procter and Gamble, General Electric, and Allied Signal.

Steve's professional memberships include, American Society of Civil Engineers (ASCE)/Architectural Engineering, American Society of Mechanical Engineers (ASME), American Society of Heating, Refrigerating and Air Conditioning Engineers (ASHRAE), Florida Engineering Society (FES), Institute of Electrical and Electronics Engineers (IEEE), Malcolm Baldridge Examiner, and 6σ Champion for Operational Excellence. Other Affiliations Steve is associated with are, Chairman, Green Living and Energy Education (501-3c non-profit), Experimental Aircraft Association (EAA) and is a private pilot.

**William Shepler, RA, LEED AP,** of SOLARIA has knowledge and experience in all phases of architectural design and construction administration for many project types including: Historic Restoration, Building Renovation, New Construction, Civic, and Institutional. Will was Project Architect, with another firm, for the *City of Key West Administration Building Complex at Angela & Simonton Streets*. For that project he completed Building Program Reports, provided Schematic Design through Construction Documents for the 32,000 s.f. Administration Building, a 7,000 s.f. Fire Station and a 140 Space Multi - Level Parking Garage.

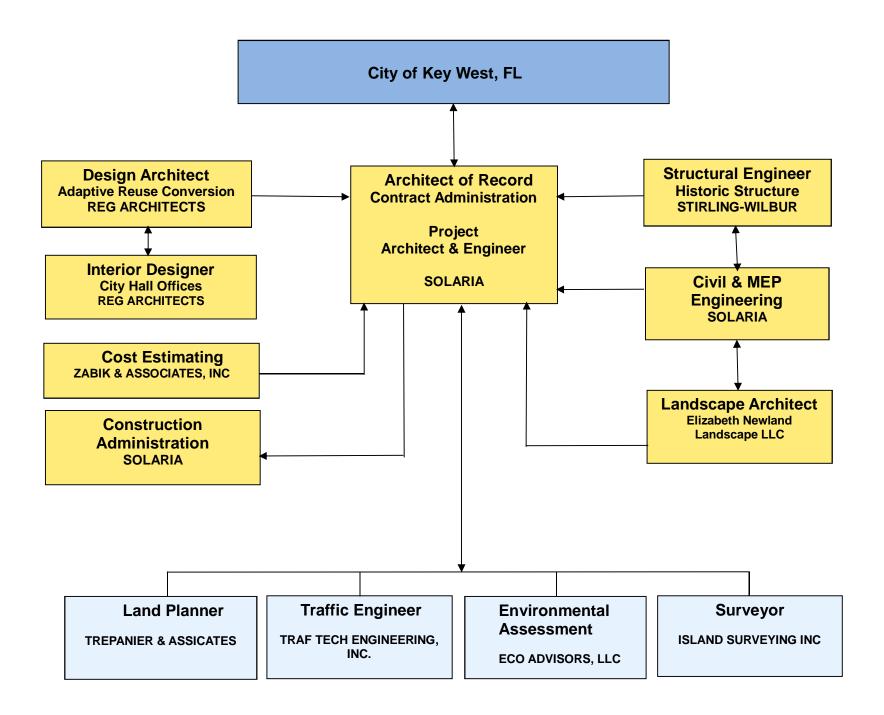
SOLARIA's partner with deep experience in government historical adaptive reuse is REG Architects, led by **Rick Gonzalez**, **AIA**, President. Rick has been practicing architecture in South Florida for 25 years. His experience includes Corporate Offices, Mid-Rises (up to 13 stories), Historic Restoration and Adaptive Re-use, Governmental Facilities, Municipal Parks, Plazas, Municipal Amphitheatre, Urban Fire Stations, Municipal Community Centers, Golf Clubhouses (Private and Municipal), Mixed Use Structures (Retail, Residential, Commercial), Retail Centers, Interior Design, Space Planning, Urban Buildings, Non-Profits, Custom Residential Homes, Guard Houses, Affordable Housing Facilities, Equestrian Facilities and Private Clubs. Mr. Gonzalez is currently Vice President of the Florida Trust for Historic Preservation and will be president of that organization beginning June 2013. Rick is also on the State of Florida Historic Commission.

SOLARIA will have further project support and leadership from **Colin Price** of REG Architects. Colin has over 30 years of experience in the combined fields of architecture and engineering, Mr. Price is uniquely qualified to lend his expertise to a variety of project types. His hands on experience with historic renovation work includes the award winning Harriet Himmel Theatre at CityPlace, historic Mar-a-lago and the Palm Beach County Court House. He has experience in filing variance applications, FEMA requirements, ADA Standards and is familiar with the new Florida Building Codes, as well as the Secretary of Interior's Standards for Historic Restoration.





Section 4 – Organizational Chart



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### Section 5 – Past Work Experience





### 5. Past work Experience

SOLARIA has been awarded for Excellence innumerable times, by the Historic Florida Keys Preservation Board for Adaptive Reuse of Historic Buildings. The projects below are on the *National Register of Historic Places*:



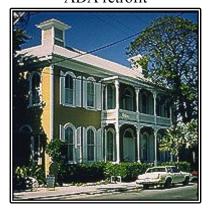
Harry S Truman Little Whitehouse Museum Truman Annex, Conversion



The Foundry Building
Truman Annex, Conversion



The Hemingway Museum ADA retrofit



The Gato House, Conversion

Other projects awarded for New Construction in the historic district:

- 1102 & 1108 Duval Street in Key West, *Cuban Club Reconstruction*, *Mixed Use Commercial* 10,000 s.f. & eight apartments
- 710 Duval Street, Key West, New 5000 s.f. commercial building.
- 725 Duval Street, Key West, New 5000 s.f. commercial building.
- 300 Petronia Street, Key West, New 2,500 s.f. mixed-use in-fill project.

REG Architects enjoys a unique relationship in the Florida Historic Preservation community and maintains the ability to procure governmental/private contracts. Specific projects include:

REG ARCHITECTS, INC.

ARCHITECTURE \* INTERIOR DESIGN \* PLANNING (561) 659-2383

### PALM BEACH COUNTY 1916 COURTHOUSE RESTORATION

US 1 and 3rd STREET WEST PALM BEACH, FLORIDA











REG Architects, together with Hedrick Brothers Construction, conducted the feasibility study for the historic restoration and adaptive reuse of the 1916 Palm Beach County Courthouse, to determine the extent to which the original construction and materials of the courthouse remain in place and we prepared a statement of probable costs associated with the selective demolition and restoration of the courthouse to its original use in 2003.

The final construction phase of the project has been completed and included selective demolition to return the structure to its original 1916 configuration. Design emphasis had been placed on the preservation and documentation of all original interior and exterior features as well as salvage of historic material from later additions for reuse during the restoration process. Throughout the design process strict adherence to the Secretary of the Interior's Standards for Rehabilitation were observed to facilitate the building being returned to its original 1916 exterior appearance as well as the restoration of the major public interior spaces including corridors and courtroom. The Grand Opening date for this \$18 million, 4 story, 38,000 SF project for Palm Beach County and for the Historical Society occurred on Sunday, March 16, 2008.

12

REG # 01049

### REG ARCHITECTS, INC.

### ARCHITECTURE \* INTERIOR DESIGN \* PLANNING



### THE HARRIET HIMMEL THEATRE FOR CULTURAL AND PERFORMING ARTS DOWNTOWN WEST PALM BEACH, FLORIDA

**Project Type:** Mixed-Use Historic Restor-

ation and Adaptive Reuse

Project Size: 3-story 51,786 total s.f.

**Project Cost:** \$6 million



Client: CityPlace Partners

Public Relations: Carey O'Donnell

cod@codpr.com

Attorney: Lynda J. Harris, Carlton Fields

lharris@carltonfields.com



Project Description: Located at the heart of CityPlace, a \$550 million 55-acre mixed use retail, residential, dining and entertaining complex in Downtown West Palm Beach. Originally the First United Methodist Church, and one of the finest examples of Spanish Colonial Revival architecture of its time, the building is the centerpiece of CityPlace.

The church was built by Walker Brothers of Birmingham, AL., in 1926 at a cost of \$225,000. The architects of the original three-story building were Spencer and Phillips of Memphis, TN.

307 EVERNIA STREET, STE. 400
WEST PALM BEACH, FLORIDA 33401
PHONE: 561 659-2383 • FAX: 561 659-5546
WWW.REGARCHITECTS.COM
AA-0002447
EST. 1988

### ARCHITECTURE \* INTERIOR DESIGN \* PLANNING

### HISTORIC LAKE WORTH BEACH CASINO LAKE WORTH, FLORIDA



**Project Type:** Historically based reconstruction of existing beach front structure utilizing a Core-Shell

design approach facilitating a project goal to attain a Silver LEED Certification.

Client: The City of Lake Worth, 7 N. Dixie Highway, Lake Worth, FL 33460

**Project Contact:** William Waters, AIA, Community Development Director, (561) 586-1630

wwaters@lakeworth.org

**Project Size:** 36,832 sq. ft. total (20,000 sq. ft. approximately under air)

**Project Cost:** \$6 million

**Project Description:** The project includes the demolition & renovation/rehabilitation of an existing oceanfront,

two-story, beach casino building, which includes portions of an original Mediterranean Revival 1922 structure & a newer 1949 building in the International Style. The design includes reconstructing the 1922 two-story Mediterranean Revival structure & reconfiguring the 1949 building in the Tuscan Revival Style, creating an overall complementary whole that includes new core shell spaces for a collection of restaurants & retail establish-

ments.

**Performance Period:** 4/2010 to 10/2012

Status: Completed on schedule and on budget

300 CLEMATIS STREET, 3RD FLOOR
WEST PALM BEACH, FLORIDA 33401
PHONE: 561 659-2383 • FAX: 561 659-5546
WWW.REGARCHITECTS.COM

AA-0002447 EST. 1988



REG #11015

### REG ARCHITECTS, INC.

ARCHITECTURE \* INTERIOR DESIGN \* PLANNING
(561) 659-2383 AA 0002447 www.regarchitects.com

### MAR-A-LAGO CLUB

PALM BEACH, FLORIDA



**Project Type:** Restoration / Rehabilitation &

Club / Hospitality

Client: Trump Organization

Project Size: Phase I: Spa & Salon

Phase III: Tennis Club Phase III: Beach Club Phase IV: Ballroom

Phase V: Owner's Quarters

**Project Description:** REG has been the master planner and architect for Donald Trump on this project since 1995. We received an award from the Florida Trust for Historic Preservation for the outstanding restoration/rehabilitation & conversion of this project in 1998. Additionally, in 2012, Maralago was voted #1 Historic Building in the state of Florida by the Florida AIA.



Phase I Spa Facility



Phase III Beach Club



Phase II Tennis Club Facility



Phase IV Ballroom





CITY OF SEBASTIAN, FL CITY HALL was a new 23,000 SF city administrative office. The services provided within the City Hall were Architectural and Interior Design for Council Chambers, Growth Management Department, City Clerk's Office and Building Department. Also included was design for the porch and courtyard amenities. The project was started in 2002 and completed in 2005.

NORTHERN PALM BEACH COUNTY IMPROVEMENT DISTRICT... The Northern Palm Beach County Improvement District project was for a 13,500 +/- sq. ft. administrative office and emergency operation center located adjacent to their former facilities. The design takes into account that the building must withstand Category Five hurricane force winds and fit the architectural style of the 1930s. Other facets of the design include a reconfigured parking area with native landscaping and improved entrance to the four (4) building campus. The project was completed in 2006.

Other relevant completed projects are:

### Historic Preservation, Adaptive Reuse

- Historic Lake Worth Beach Casino, Lake Worth, FL
- Old Boynton Beach High School, Boynton Beach, FL
- Palm Beach County Cultural Council Headquarters, Lake Worth, FL
- Mar-A-Lago Private Club, Palm Beach, FL
- The Harriet Himmel Theatre for Cultural & Performing Arts @ CityPlace, West Palm Beach, FL
- St. Ann's Campus Renovation, West Palm Beach, FL
- Harris Music Lofts, Downtown West Palm Beach, FL
- Old Ft. Pierce Post Office, Ft. Pierce, FL
- Old St. Anastasia School, Ft. Pierce, FL
- Historic Ruth Jones Cottage, Boynton Beach, FL
- "Little House" Relocation, Boynton Beach, FL
- Lunt Cottage, Palm Beach, FL
- Old Belle Glade City Hall, Belle Glade, FL

### Government, Municipal Facilities

- Boynton Beach Amphitheatre, Boynton Beach FL
- Wellington Amphitheatre, Wellington, FL
- West Palm Beach Fire Station #5 & EOC, West Palm Beach, FL
- Palm Beach County Solid Waste Transfer Facility, Lantana, FL
- Lake Park Fire Station, Lake Park, FL
- St. Lucie County Administration Annex, Port St. Lucie, FL
- Miami Beach Golf Clubhouse at Bayshore Drive, Miami Beach, FL
- Children's Museum, Boynton Beach, FL
- Westgate/Belvedere Pump Station, West Palm Beach, FL





### **Sustainable Projects**

SOLARIA has provided sustainable designs with a great deal of success and reception from developers and home owners both in and outside the Keys. One such project is the Pennekamp Lane project. The Project is a 2.08 acre site in Key Largo, FL, with 13 homes totally off-the-grid that has utilized every service that Solaria offers.

The project began with biological surveys, environmental assessments, permitting with the planning & zoning departments. Solaria staff prepared every aspect of the design; this includes Architecture, Structural & MEP Engineering, Civil Engineering including all Site Utilities. The site also required an advanced wastewater system, advanced potable water system and a power grid running from solar PV panels, all designed by Solaria.

Land Planning was also provided by Solaria to include land use district map amendment, future land use map amendment, project siting, use analysis, bulk regulation review, permitting with local, state and federal agencies. The project is waiting approvals for permits.



Artistic Model of Pennekamp Lane

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# Section 6 – Relevant Specialized Experience & Technical Competence





### 6. Relevant Specialized Experience, Technical Competence

The SOLARIA-REG TEAM has completed and overseen the construction of projects that are of a similar type as the Key West City Hall Project. This experience is in the fields of Rehabilitation, Adaptation, Conversion of Historic Structures for New Uses as well as Government Office projects.

### **Structural Engineering:**

SOLARIA, has provided structural restoration design to numerous concrete structures of similar size and complexity as the Glynn Archer School. Some examples are:

Key Colony Point Condominium in Key Colony Beach, FL – Structural concrete restoration design and consulting: 30 unit complex comprising two large buildings of 2 and 3 stories totaling **66,500** sf.



**Key Colony Point Condominium** 

Sea Isle Condominiums in Key Colony Beach, FL – Structural concrete restoration design and consulting: 25 unit complex comprising two buildings of 3 stories totaling **55,500** sf.

Casa Clara Condominiums in Key Colony Beach, FL – Structural concrete restoration design and consulting work on, a 24 unit complex comprising three buildings of 3 stories totaling <u>45,500</u> sf.

In addition, SOLARIA has designed and supervised structural concrete restoration work on approximately one hundred smaller residential and commercial structures in the Keys from 900-6,000 sf in size.

**Stirling & Wilbur Engineering Group** has an impressive track record of completed projects with Historic Buildings, where structural considerations were the primary concern. A few projects that are relevant include:





 Marriott Casa Marina, Key West, FL - Consultant to the construction manager on concrete repairs and restoration efforts, including repairs after Hurricane Georges.



Marriott Casa Marina

• Oldsmar City Hall, Oldsmar, FL - Evaluation of existing structure for feasibility of structural restoration and repair, design of structural restoration.



Oldsmar City Hall





- Arcadia City Hall, Arcadia, FL Structural review and report for restoration and repair and design for structural repairs.
- Dunbar Community School, Ft. Myers, FL Investigations and evaluations on existing structure, design of renovations and restoration of structural elements and systems.
- Condominium Complex 1800 Atlantic Blvd, Key West, FL. Structural stabilization of a three building, four story, concrete condominium complex.
  - Phase 1 Jacking up and stabilization of the superstructure to allow replacement of deteriorated ground floor columns. The jacking system designed by Stirling & Wilbur allowed the work to proceed while the buildings remained occupied and was done without added shoring up through the upper floors of the structure. Total project value was approximately \$800,000.00. This phase of work is completed.

Phase 2 – Repairs to concrete balconies including column replacements and restoration of deteriorated post-tensioned concrete slabs. The project includes approximately 8,000 cubic feet of concrete repairs, almost two miles of railing replacements, over 600 sliding glass door replacements, and over one acre of deck waterproofing. The project is scheduled to be complete in September of 2013, with a total project budget of \$7,000,000.00. This phase of the work is ongoing.



1800 Atlantic Street View



1800 Atlantic Current Work in Progress

Landscape Architect: Elizabeth Newland has created many landscape designs in the historic district of Key West. Included are: the **Truman Annex** and the landscape design for the un-built **Key West Administration Building** project on the corner of **Angela & Simonton Streets**.

## City of Key West Administration Building

Simonton Street and Angela Street

Owner: City of Key West

Landscape & Hardscape Budget: \$400,000

Architect: MBI/K2M Architecture, Inc. Completion: Design Phase 2011

Description: Streetscape, plaza, site furniture, hardscape and landscape for new

City administrative complex. Site plan preserved specimen Mahogany.





5 5





### **Grassy Key Fire Station**

Overseas Highway Marathon, Florida 33045

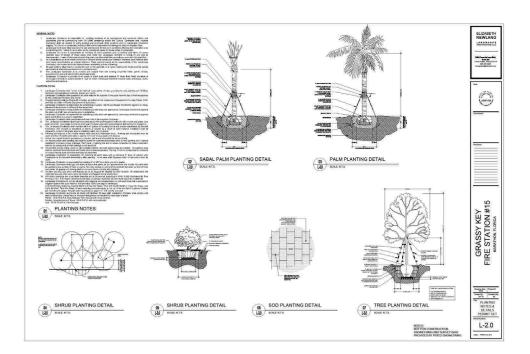
Client: City of Marathon, Florida

Bid Phase: April 2012 Completion: 2013

Description: Landscape, Florida Green Building Coalition (FGBC) Project

and FDOT Landscape Permitting





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## **Marathon Area 7 Waste Water Treatment Plant**

59255 Overseas Highway Marathon, Florida 33050

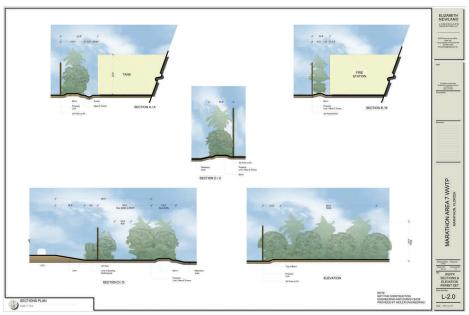
Client: City of Marathon, Florida

**Completion:** Design 2012 and Installation 2012 **Description:** Landscape plan to mitigate visual impact

of treatment plant facilities.







# **Margaret Pace Park**

# **Biscayne Bay Waterfront Park**

Owner: City of Miami Community Redevelopment Agency

Design Team: Bermello, Ajamil & Partners, Inc.

Completion: 2002

Landscape Budget: \$2.9 Million

**Description:** 8.25 Waterfront Park Served as Catalyst for Redevelopment Of Miami's Arts & Entertainment District

Utilized Crime Prevention Through Environmental Design Techniques (CPTED) Community Public Planning Process and Art In Public Places Components, Bay Walk, Landscape, hardscape, playgrounds, sports fields, tennis, basketball, lighting and signage.

Elizabeth Newland completed this Project Serving As Partner & Director of Landscape Architecture/Bermello, Ajamil & Partners, Inc.





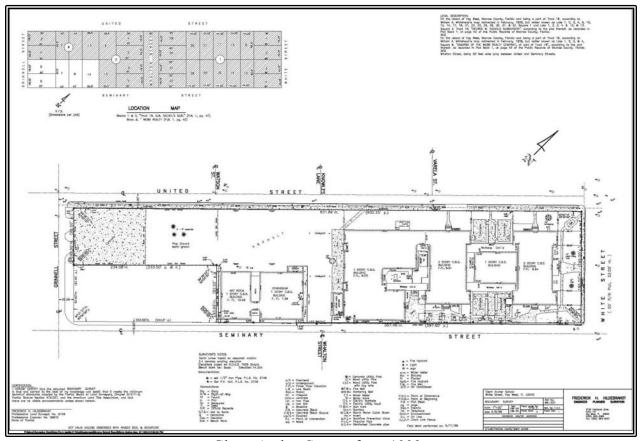








**Surveyor:** Island Surveying Inc. principal Frederick H. Hildebrandt has completed survey models for the **Glynn Archer School** in the past and is ideally suited to provide further surveying requirements for the project.



Glynn Archer Survey from 1998

**Interior Design:** Karen Gonzalez of REG has completed many projects with **Government and Municipal Facilities** such as: Children Services Council of Palm Beach County Headquarters in Boynton Beach, FL, St. Lucie County Administrative Annex in Ft. Pierce, FL, Lake Park Fire Station in Lake Park, FL, Bayshore Golf Clubhouse in Miami Beach, FL, and the Mayme E. Frederick Head Start Facility in Riviera Beach, FL.

Karen Gonzalez of REG Architects has experience with Historic Preservation and Adaptive Reuse Projects such as: The Old 1916 Palm Beach County Courthouse Historic Restoration in West Palm Beach, FL, the City of Sebastian City Hall and Police Station in Sebastian, FL, and the Palm Beach County Cultural Council Headquarters in Lake Worth, FL.





**Mechanical (MEP) Engineer:** SOLARIA has completed sustainable Mechanical, Electrical and Plumbing designs for similar type and size buildings. Some local examples are:

The Kennedy Drive (BB&T) building – complete redesign of the electrical distribution and primary switch-gear for this 4 story 61,000 s.f. multi-tenant office building. SOLARIA implemented a redesign of the 200 tons of air conditioning system for the entire building converting it from a 1970's vintage chilled water system to a very high performance modern variable speed highly zoned direct expansion system. The air conditioning revisions on this building have resulted in peak cooling season electric bills dropping approximately \$12,000 per month while each unit in the building has better cooling, improved humidity control, and the ability to directly control their unit.



BB&T - Kennedy Drive View



BB&T - Side View - Drive Thru

Centennial Bank Building, Marathon, FL - A new mixed-use office/affordable residential building with 15,000 s.f., SOLARIA provided the design of all MEP for the building. Features an uninterruptable power supply (UPS) for the entire office complex portion of the building with full building generator backup systems and advanced metering for water.



Centennial Bank Building





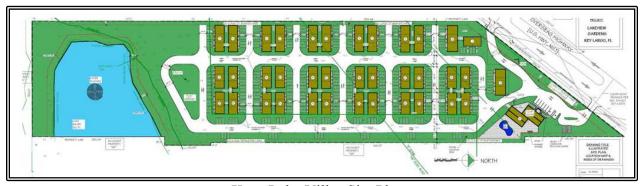
Dept. of Homeland Security Offices, Marathon, FL – Conversion of an existing office building to the strict requirements of DHS lighting, security and climate control for the 5,000 s.f. office space. Enhanced the climate control systems for energy recovery ventilation and modified the network systems in the offices to strict high security standards.

SOLARIA is uniquely skilled in specialty MEP systems design and deployment and has provided specialty electrical, water and solar system consulting designs to many of the local architects and contractors in Key West, throughout the Keys and elsewhere in the state. Just a few notable examples are:

- Southernmost Hotel solar pool heating system for the large hotel pool
- Coker Residence, Flagler, Key West solar photovoltaic system, rainwater catchment & irrigation systems
- Residential solar electric systems several historic residences in Key West, Marathon, Key Largo and Ocean Reef and more than 30 systems installed in residences in Broward, Miami-Dade, and Lee counties
- Pigeon Key Solar shade structure and off-grid power system
- City of Bonita Springs Rec Center Solar shade parking structure
- Palmer Trinity School, Palmetto Bay, FL Solar powered sports field concession building

**Civil Engineer:** SOLARIA has completed many sustainable Civil projects in the Florida Keys. Some projects that are of similar size to the Key West City Hall Project are:

Keys Lake Villas in Key Largo, FL – HUD approved affordable housing project. The site of 10.25 acres contains 110 living units, Club House with offices and a swimming pool. Design scope included all underground site utilities, sewer, electric, paving and drainage, storm water parking and club house and pool design; \$25 million, completed in 2012.

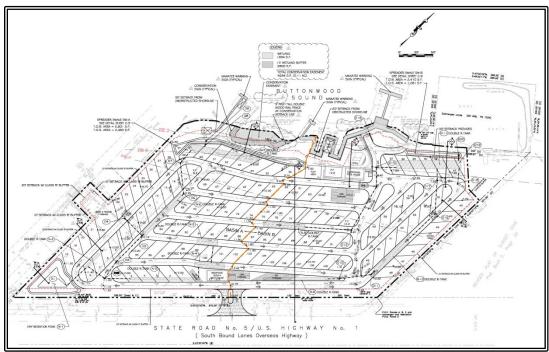


Keys Lake Villas Site Plan





Point of View RV Resort, Key Largo, FL – Provided design for all underground utilities, modular building foundations, paving & drainage, and swimming pool design for a 11.67 acre, 110 lot RV site, currently under construction.



Point of View RV Park Site Plan

The Pier housing project in Islamorada, FL – Designed all underground utilities, all buildings, and pool designs for a 2.65 acre, 8 unit luxury residential site. This project is currently in the permitting process with The Village of Islamorada.



The Pier Site Plan





**Cost Estimator:** Zabik and Associates has estimated costs on several governmental buildings in south Florida. Included is the Police Headquarters facility in Lake Clarke Shores, FL.

Mr. Zabik was responsible for cost estimation and budget of the \$30 million Palm Beach High School historic renovation. Built in 1908, the school had been vacant for a decade. The school was reopened in 2007 as the state-of-the-art Dreyfoos School of the Arts. In addition to the School District funded renovations, the project was awarded State Historic Grants for the reinstallation of original façade elements.

Zabik and Associates currently holds a continuing contract with Broward Public Schools for cost estimating services (2010-2013). They also held this contract from 2003-2007.

Other projects of Zabik and Associates include: Cost Estimating Services for the School District of Palm Beach County, FL, Cost Estimating Services for the Town of Lake Clarke Shores, FL, and FEMA Cost Estimating Services.

**Environmental Remediation Specialist:** Eco Advisors LLC have worked on many historic buildings with TEAM members addressing the removal and disposal processes of all hazardous material. Ms. Meyer, principal of Eco Advisors, has worked for the Broward County Public Health Unit in occupational and environmental health, regulatory compliance, food sanitation, and safety inspections.

**Land Planners:** Trepanier & Associates, Inc. has successfully provided planning services for large scale government projects which include:

City of Key West – Solid Waste Transfer Station

City of Key West – Transit Facility

Monroe County – Comprehensive Plan & Land Development Regulation Updates

Monroe County – TIER System

Florida Department of Community Affairs (as an expert witness)

Meadows of Key West – 8 Single-family Home Estates - Major Development Plan

**Traffic Engineers:** Traf Tech Engineering, Inc. has experience with Key West traffic studies and designs including a project on Caroline Street, a parking study for a separate project located on Caroline Street, an intersection evaluation for the Casa Marina Hotel, and a traffic impact study for a church located on the eastern area of Key West. They are currently working on the Truman Annex waterfront project.

Outside of Key West Traf Tech, has provided traffic engineering services to Broward County, the Florida Department of Transportation, and ten (10) South Florida Municipalities. Between 1996 and 2005, Mr. Vargas, principal, continuously served as a traffic operations and safety consultant to the Florida Department of Transportation (FDOT). During this period, he conducted over 200 traffic engineering assignments (LOA's) for the FDOT, including the Florida Keys Hurricane Evacuation Study completed in 2001.





# Section 7 – Proposed Management Approach & Implementation





#### 7. Proposed Management Approach and Implementation

The City of Key West requires the services of a qualified firm to provide Architectural Services for the design of a new Key West City Hall within the structure at the current Glynn Archer School location.

SOLARIA will take a collaborative approach from the beginning to consider the Architectural and Engineering solution for the Glynn Archer School when designing the adaptive reuse of the building. The fact that the school is not only a historic structure but that it also holds a historic page in the social fabric of the citizens of Key West, will be taken into consideration.

#### **METHODOLOGY**

The following is a brief summary of the scope of services by phases, necessary to accomplish the adaptive reuse of the Glynn Archer School. Our Team has found continued success in these methods and procedures for planning, design, historic adaptive reuse, evaluation, and cost. During our many years of combined experience and practice, we have also learned that participation of the Client is crucial to the project's success especially in projects with important community requirements. Our Team's approach is to assure satisfaction by keeping the Client informed through clear communication. Our design through the construction process allows the Client to engage in the process at every phase of development.

#### **Phase I** – Programming, Design Concepts, Historic Analysis & Feasibility:

Programming is the problem-seeking process, which seeks to identify the issues and challenges that the design process must address and resolve. Generally, programming operates at both the pragmatic / functional level where specific requirements are listed and interrelated at an aesthetic, historic and practical level. These aspects are deeply interrelated and the design intent is always influenced by the functional needs of the project. The City Staff and community stakeholders will be highly involved with the Solaria Team ensuring that the new space allocation and public access will work with the individual City Departments and community uses that will be proposed.

Phase I process will involve the following steps:

- Historic Building, research at the State and Local level.
- Data collection from the Client and end users, review all interior and exterior space requirements and develop a space program. Site Conditions to be reviewed, including impacts on the immediate neighborhood and White, United, Seminary and Grinnell Streets surrounding the project.
- Evaluation of the resulting program, and careful consideration of existing historic elements/details to be preserved and/or restored.





- Data organization and development of potential concepts including sustainability.
- Data analysis of construction and operation of the facility and site.
- Communication to consultants and Client of data collected and concepts to be pursued.
- Study and analysis of existing and proposed traffic flow around and on the site.
- Review all pertinent building code requirements including wind-loads, ADA and Life Safety.
- Meeting with Key West Building and Planning Departments to review proposed building plan.
- Community meetings and participation with media coordination.

The programming process should bring all of the key participants and community to the discussion, especially the end user and those responsible for the construction evaluation and cost analysis and those who must supply approvals as the project moves forward as well as individuals and City Departments that will operate from the facility on a daily basis.

#### **Phase II** – Schematic Design Services/Historic Feasibility Refinement:

Schematic design is the phase in which the data collection and graphic documentation of Phase I is translated into the definition of three dimensional space, emphasizing the size and relationship of spaces and functions to each other and relationships to site, access and parking. Schematic documents include, but are not limited to, conceptual plans for the site, structure and building elevations. 3D renderings are used to both validate and demonstrate design for this historic project and as tools to describe how certain architectural elements might perform within the context of the whole project. It allows us to restore the building and give the Clients what they want and need to perform their daily tasks. It also helps us to complete the project quickly and accurately by working closely with the Client. We listen and implement!

Our Team will provide schematic designs and related services to include:

- Site Utilities & Construction Traffic Analysis
- On- & Off-Site Development Planning including parking & landscape plans.
- Master Plan Compatibility Drawing
- Civil, Structural, Mechanical, Electrical considerations
- Energy Evaluation & sustainable design elements
- Owner Supplied Data Coordination
- Architectural Schematics
- Interior Schematics
- Materials Research/Specifications
- Art in Public Places Opportunities
- HARC, Historic Preservation Board Reviews & approvals.
- Regulatory Agency Codes Review
- Construction Cost Estimate and CM@Risk assistance
- Project Development Schedule





#### Phase III – Design Development Services:

Design Development is the phase in which the concepts have been reviewed, tested and approved, then expanded into more elaborate design drawings. The broad approach of the Schematic Phase is replaced with a historic elements refinement, with emphasis on resolving any potential design conflicts, completing exterior views of the building, developing life-safety plans and exploring sustainable, technical and structural issues inherent in the design. Outline specifications described in easily understood terms with the basic materials proposed. The Design Team (including if the City employees and a CM@Risk partner) then prepares a more detailed cost estimate, allowing our Team to make those choices necessary to keep your project on time and within budget.

The various historic building components will be unified into a single building system which meets the City's needs, including research of specific techniques and methods for restoring the historic portion of the building.

- The documents prepared in this phase will include refinement and addition to all of the drawings prepared in the previous phase.
- Interior Design drawings adjusted furniture layout
- Further discussions with city staff at the planning and building departments.
- Report to the City as to the status of the work and further cost estimates.

#### **Phase IV** – Construction Documentation Services:

After the design development drawings are approved, construction document preparation will begin. Delineation of the architectural and engineering building systems to meet the City's approval, code compliance and constructability will be our Team's greatest concerns. Space, materials, colors, shapes, standards, AC, fire protection, plumbing, electrical, structural and other systems will be detailed on our drawings and called out in the specification manual. Using all of our experience and capabilities in historic refurbishment; our Team will develop "buildable" construction drawings and specifications which are easily understood by the various subcontractors who will use them for pricing and construction. The design process will provide the City with an affordable, functional, maintainable and aesthetically pleasing building, completed on schedule. Our Team will provide the following Construction Documentation and related services:

- Project Administration
- Architectural Design Development
- Civil, Structural, Mechanical, Electrical Drawings
- Specifications/Materials Research
- Construction Cost Estimate
- Agency Final Approvals
- City Supplied Data Coordination
- Document checking/Coordination
- Project Development Scheduling
- Presentation to the City with final cost estimate.





#### **Phase V** – Construction Administration Services:

Our Design Team has proven experience and expertise in historic adaptive reuse/rehabilitation in all phases of design and construction administration services. Our goal is for the project to be constructed in accordance with the construction documents, specifications and all building codes. To accomplish this, the architect and engineers will periodically visit the project, attending Quality Assurance meetings while assisting the City and the selected CM@Risk with all design clarifications. We anticipate and resolve construction conflicts before they become a problem. This proves to be beneficial to the Client and the entire Design/Construction Team and accelerates the construction schedule without being detrimental to construction quality.

Our Team will provide the following construction administration services:

- Construction Observation and Reports
- Assistance with Agency Reviews/Approval
- Shop Drawings/Submittal Reviews
- Project Close-Out Assistance
- Maintenance & Operating Manual Review
- Warranty Review
- Quotation Requests/Change Orders Review
- Start-up Assistance
- Project Schedule Monitoring
- Supplemental Documents
- Answer RFI's





#### IN CONCLUSION

Why the SOLARIA Design TEAM?

The SOLARIA TEAM is uniquely qualified to deliver the best Historic Adaptive Reuse with the Added Value of Experience Executing Sustainable Designs.

- SOLARIA is the only local, full service architecture, engineering, and planning company with the unique combination of historic restoration, concrete restoration and broadly demonstrated experience in all aspects of sustainable design.
- REG Architects is Florida's leading firm for government contracted, historical restoration and adaptive reuse of historical government buildings.
- Stirling & Wilbur has a solid track record of historical structural restoration and is actively working some of the toughest concrete restoration projects in the City of Key West.
- With the balance of the SOLARIA TEAM having proven experience in their specific disciplines on projects within the City of Key West.

Thank you for the opportunity to present our qualifications for this great historic project, which will foster a local community "sense of pride" and will also be noticed at the County, State and National levels!



Existing Glynn Archer School



Palm Beach County Court House 1916 REG Architects

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Section 8 – Capacity





# 8. Capacity

#### **Staff Profile**

SOLARIA and REG Architect staff of Registered Architects & Professional Engineers, Licensed Interior Designers, LEED Accredited Professionals, Construction Administrators and CAD Technicians are capable in their ability to understand the processes of a project, local governmental bodies, and the willingness to learn and understand our clients' needs.

<b>Employee Name</b>	Job Function	Company	Registrations	Years Exp.	Other Certs.
Directors				Da pr	oer tsi
Dennis Beebe RA, NCARB	Principal	Solaria	Registered Architect	40	
Rick Gonzalez RA, AIA	Principal	REG	Registered Architect	28	FHC
Architecture					
Vlad Dumitrescu RA, AIA	Sr. Project Designer	REG	Registered Architect	37	LEED-AP
William Shepler, RA, NCARB	Project Architect	Solaria	Registered Architect	15	LEED-AP
Ricardo Gonzalez, SR., RA	Quality Control	REG	Registered Architect	50	
Vincent Käfer	Production Manager	REG		22	
Engineering					
Steven Grasley, PE	Principal, Director of Engineering & Construction Mgmt.	Solaria	Professional Engineer	32	FGBC, USGBC, GLEE
Steven Cavanah, EI	Mech. & Struct. Design	Solaria	Engineer Intern	3	
Buck Wiseman, EI	MEP Design	Solaria	Engineer Intern	4	
Stephen Wilbur, PE	Structural Engineer	S&W Eng. Group	Professional Engineer	25	
Brian Stirling, PE	Structural Engineer	S&W Eng. Group	Professional Engineer	25	
Drafters					
Ivan Gomez, MS	Job Captain	REG		10	LEED-AP
Dennis McGaughey	Sr. Drafter	REG		15	
<b>Construction Administration</b>					
Colin Price	Construction Administrator	REG		30	
Interior Design					
Karen Gonzalez, IIDA	Director of Interior Design	REG	Licensed Designer	25	
Martha Buritica	Interiors Assistant	REG		25	LEED-AP
Administrative					
Darcy Ann Henry	Administrator	REG		8	
Karen Shotwell	Admin. Assistant	Solaria		3	

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Section 9 – Location & Availability

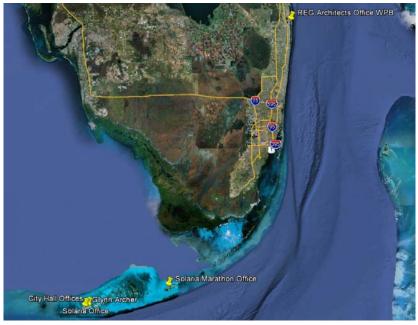




### 9. Location and Availability

The principal Project Manager Dennis Beebe will be available to the city staff as needed since the Key West office of SOLARIA is a few short blocks from the Glynn Archer School, and a five minute trip to the current city hall on Flagler Ave. Also in the Key West office is Will Shepler assigned to be the project coordinator. SOLARIA headquarters in Marathon is about one hour drive from Key West. Steven Grasley, the project engineering manager, is very accessible. REG Architects is located in West Palm Beach, FL. SOLARIA is well versed in working projects with a distributed team using today's network technology. See maps below.





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Section 10 – Cost & Estimation Accuracy





#### 10. Cost & Estimating Accuracy

One of the biggest challenges of architecture is managing design and construction costs. Our Team cost estimator has helped clients to complete more than 95% of our projects on schedule and within budget.

#### Planning ahead for the unexpected

Cost management is a central part of project development, especially in today's worrisome economic times. Time and money are two of the most important factors for most of our clients, and because of this, we have Teamed with Zabik & Associates a cost estimating firm committed to implementing a budget control process for every project. The Cost Estimators' goal is to assist our design team in responsibly meeting our clients' schedule and budget requirements. Our Cost Estimators work with clients to develop a conceptual cost plan that estimates anticipated construction costs for their program. At each set milestone of the project, we verify and update the estimate to ensure budget accountability. We draw upon our years of experience of Zabik and Associates to provide the most accurate forecast of projected expenses, keeping our clients on track to complete their projects as planned.

#### **Cost Estimates**

By updating our estimates throughout the design of a project, we are able to adjust the design to balance short-term savings and long-term maintenance and operational costs. Estimates reviewed multiple times during the design process as more information becomes available or changes are made to the scope. As the level of the estimate increases it will become more detailed as more information is provided; "unknowns" are eliminated; fewer assumptions are made; and the pricing of the quantities become more detailed. Contingencies for the aforementioned will be reduced as more design documentation is produced.

There is no greater budgetary control, short of performing the construction, than we provide with Zabik and Associates, who have decades of experience cost estimating projects. Our Project Manager and entire design team work with the Estimators to establish the base schematic design estimate, scope of work, finish levels, and other expectations that are known in the early phase of the work. This SD estimate is confirmed regularly by the design team and sequentially from SD through CDs by our cost estimator. Our team knows the value of accurate estimates, controlling scope, and designing to your budget. We have found that we consistently deliver projects on time and within budget when this aggressive construction cost management system is employed. It has also worked to enhance communication between our TEAM and our clients.

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# Section 11 – LEED Certified Staff Professionals





#### 11. LEED Certified Staff Professionals

William Shepler, NCARB, Registered Architect, 15 years experience, LEED AP - SOLARIA



Vlad Dumitrescu AIA, Registered Architect, 25 years experience, LEED AP - REG







Ivan Gomez, MS, LEED-AP, Job Captain, 10 years experience, LEED AP - REG



Martha Buritica, Interiors Assistant, 25 years experience, LEED AP - REG







Section 12 – Resumes

#### Dennis A. Beebe, RA, NCARB



(305) 296-8885 e-mail: <u>Dennis@SolariaDesign.com</u>

SOLARIA ARCHITECTURE ENGINEERING

**About:** 

Mr. Beebe is Vice President and the director of architectural services at Solaria and has been practicing architecture in Key West and the Lower Keys since 1984. His experience includes small & large projects, including all ranges of new, existing and historical, commercial, residential, & government owned museums. The Historic Florida Keys Preservation Board has awarded many of his projects for Excellence in design. Dennis has provided planning services as part of his architecture practice and served as chairman for three years on the Key West HARC. Dennis has designed solar powered projects in the Keys and the Caribbean for years before "green" was a genre in architecture.

Professional Licensure: National Council of Architectural Registration Boards (NCARB), #32983
Registered Architect (RA): Florida, #10,806
Massachusetts, #5907

#### **Education**

Boston Architectural Center, Boston, Massachusetts

**Degree:** Bachelor of Architecture

**Graduation:** 1979

Thesis project, "Aquatecture as Urban Housing".

Design of a floating community for the Boston Harbor, that utilize piles to maintain horizontal position while traveling vertically with the tides on a roller system on the piles. Original research included direct contact with Hong Kong Housing Authority.

United States Air Force, Honorable Discharge

Years of Service: 1966 - 1969

#### **Past Experience and Notable Projects**

Mr. Beebe has provided planning, architecture, interior design, and feasibility studies for commercial, residential, governmental, institutional, and recreational projects throughout the sub-tropic Florida Keys and other Caribbean locations. Mr. Beebe has enjoyed significant professional success, winning awards for design and satisfying clients with quality service.

Some examples are:

<u>Harry S Truman Little White House Museum</u>: Creation of a living museum from an abandoned Navy building, owned by the State of Florida and used by Harry S Truman circa 1945, design resulted in award of Excellence. \$1.7 million Completed: 1990

<u>Pigeon Key Feasibility Study</u>: Determination of best use of a U.S. Government-owned island historic site. Implementation program was developed with \$4.5 million budget, Completed 1990

<u>Cuban Club Reconstruction</u>: Design of two new mixed-use buildings, which won awards of excellence for new construction within a historic district; \$1.2million, Completed: 1989

Keys Lake Villas: Key Largo, FL- Design of 110 HUD affordable housing units of; \$20 million, completed 2012

River Howard H.U.D. Housing: Award-winning thirty two unit project, Cambridge, MA, \$4 million, Completed 1981

<u>Commonwealth of Massachusetts Police Station</u>: A pilot program in solar energy design for the state, in Peabody, MA; \$2 million, Built in 1981

<u>Five Hutchinson Lane</u>: Key West, FL- Renovation /Addition to existing residence in the Historic District. Project included Solar P.V. system, Solar Hot water, Cistern, Black/Gray Water system, Vacuum Toilet; \$450,000, Completed 2010

<u>Holiday Inn Beachside</u>: Renovation and addition to a waterfront resort. Lobby, restaurant, lounge, offices and 220 existing rooms were refurbished, 50 new rooms added. \$3.5 million, Completed: 1989

Galleon Marina, Key West, Florida: Design with maxim the number of slips in an unusually shaped site, and used state-of-the-art floating marina components,\$1.5 million, Completed: 1983

<u>The Harbour, Sandusky, Ohio:</u> Design of new marina, club house, and board walks for mixed-use community. Structures were built on piles over water, Completed: 1985

<u>Key West Public Transportation Building</u>: Addition to existing, \$800,000, Completed 1982

<u>Mid-Maine Medical Center</u>: Coordinate work of consulting engineers and architects for renovation of complex medical facility in Waterville, Maine \$11 million, Completed 1981

<u>Beth Israel Hospital Emergency Unit</u>: Designed development schemes for renovation and addition to hospital in Boston, MA. Coordinated presentations with architects and clients.

<u>Pennekamp Lane</u>: Key Largo, FL- Design of 13 homes off grid; \$6.5 million, scheduled for completion 2014

#### **Professional Membership**

Historic Architectural Review Commission, Chairman, 1987-1990

**Contractors Examining Board 1989** 

**Key West Chamber of Commerce 1985-1994** 

**National Trust For Historic Preservation 1985-1996** 

**Key West Hotel and Motel Association 1985-1989** 

Volunteer teacher of English (TEFL) to adult students with various levels of English language ability. Dennis has conversational Spanish ability.

## Steven S. Grasley

#### S O LARIA Design & Consulting Co.

(305) 289-7980

e-mail: <u>Steven@SolariaDesign.com</u>

# SOLARIA ARCHITECTURE ENGINEERING PLANNING

#### **About:**

Mr. Grasley is President of Solaria, and is an experienced technical executive with a broad range of high technology background from design engineering to corporate marketing management and general management, including expatriate assignments in the Asia-Pacific region. Mr. Grasley has a demonstrated track record of technical expertise, business management, multifunctional leadership and high impact, business process improvement. Mr. Grasley is a knowledgeable, high energy, team leader with infectious enthusiasm and a unique ability to simplify and solve complex problems with a diligent customer focus.

Mr. Grasley's strong understanding of the local market for various types of engineering in the Florida Keys led to establishing a design & consulting practice. Subsequently this practice merged into Solaria which provides full service architecture, engineering, and planning. As the president Mr. Grasley leads all aspects of the company's development and growth. Mr. Grasley is the principal technical leader for all engineering within the company. Personal depth in renewable energy and sustainable systems has established Solaria as a leader in green development before doing so was popular. As a result the company is a leader in design for solar, advanced HVAC, rainwater harvesting, advanced waste treatment, as well as MEP & structural design. Years of top corporate experience has facilitated pulling the best practices into Solaria offering experience and guidance to Solaria's growing staff in providing cost effective development services. Mr. Grasley personally provides the backbone of engineering skill for the company with many years and a broad range of technical experience.

#### **Professional Licensure:**

FL Professional Engineer: #73110

NY Professional Engineer: Issued 1986 (exp)

#### Education

Wharton School of Business, Philadelphia, PA

**Degree:** MBA Studies

Syracuse University, Syracuse, NY

Degree: Master of Science in Electrical Engineering

**GPA 3.9** 

Marquette University, Milwaukee, WI

Degree: Bachelor's of Science in Electrical Engineering, Cum Laude

Cum Laude Graduate, GPA 3.6

#### **Past Experience and Notable Projects**

Mr. Grasley has provided engineering project management and construction oversight for commercial, residential, governmental, institutional, and recreational projects throughout the Florida Keys and South Florida since 2000. Prior to that Mr. Grasley worked in senior engineering capacities (including Manager, Director, and Vice President) for large corporations such as Procter and Gamble, General Electric Company, and Allied Signal. Mr.

Grasley's design experience projects include:

<u>Lake View Garden</u>: Key Largo, FL- Design of 110 Units of affordable housing; \$25 million, completed in 2010. Led all SOLARIA engineering and project management for the project. Responsible charge for all utility designs.

#### Pennekamp Lane, (a.k.a. Largo 103) Key Largo, FL

Design & permitting of 13 home, off-grid development including 4 models (1, 2-2, & 3 bedroom), all site infrastructure (water, wastewater, electric)& all systems (cisterns, vacuum toilets, gray water system, geothermal A/C, solar electric & hot water). Role: all engineering of site, structures & systems.

#### Chappy's Restaurant Marathon, FL

Design of a new restaurant in a mainly residential area. All Civil design aspects were managed. A water main extension for the fire main was required. The site required an injection well with a pump to reach storm water standards. The project included obtaining permits for the injection well, drainage, fire code and site plan.

#### North Star Resort Key Largo, FL

Design of a 138 room, four-star resort. Responsible for engineering consulting including green system design and implementation of solar PV panels, a solar hot water system and rain water harvesting and gray water recycling systems. Involved in the Civil, planning, permitting, zoning and ordinance consulting.

#### Marine Bank, Operations Center & Affordable Apartments Marathon, FL

New 15,000 SF building. First new commercial construction w/affordable housing included in Monroe County. 6,000 SF commercial space, 5 affordable apartments. Role: project manager for design, bid & construction.

#### Marine Bank, Key Largo Branch Key Largo FL

Remodel & conversion of existing warehouse style retail building into bank branch with drive through. Sensitive environmental issues were managed throughout design & construction. Role: project manager for design, bid, & construction. Also, program managed six (6) similar bank branch project throughout Florida.

#### Professional Memberships

American Society of Civil Engineers (ASCE)/Architectural Engineering

American Society of Mechanical Engineers (ASME)

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

Florida Engineering Society (FES)

Institute of Electrical and Electronics Engineers (IEEE)

Malcolm Baldridge Examiner

6σ Champion for Operational Excellence

#### **Other Affiliations**

Chairman, Green Living and Energy Education (501-3c non-profit) Experimental Aircraft Association (EAA) Private Pilot



# William Shepler, RA, NCARB, LEED AP



(305) 296-8885 e-mail: Will@SolariaDesign.com

# SOLARIA ARCHITECTURE ENGINEERING PLANNING

#### About:

Mr. Shepler has been Project Manager and Project Architect with responsibilities for the creation, coordination and administration of multiple projects. He has knowledge and experience in all phases of architectural design and construction for many project types including: Residential, Commercial, Civic, Institutional, Religious, New Construction, Existing Building Renovations and Historic Restoration.

His strong Site Analysis skills include Building Programming Space Planning Preparing Landmarks Preservation Commission and Historic Architectural Review Committee filings, Preparing and Negotiating Project Contracts and Change Orders.

Mr. Shepler also practices very good Client Relations from project conception to completion. He has a broad knowledge base in sustainable design, construction techniques, new materials with Expertise in Restoration & Waterproofing Details and Construction Administration Existing Building Conditions Inspections, Accessibility Assessments and Reports.

Professional Licensure: National Council of Architectural Registration Boards (NCARB)
Registered Architect (RA): Florida, New York, New Jersey

#### Education

Pratt Institute, - Brooklyn, New York

Degree: Bachelor of Architecture-With Honors

Graduation: 1997
Awards, Exhibitions & Publications:

- Circle Award for Academic Achievement, Pratt Institute (1997)
- Lucy Moses Award for Excellence in Historic Restoration (2001) for The Langham Project (with Thomas A. Fenniman Architect)
- Pittsburgh Platforms"— Heinz Architectural Center at the Carnegie Museum of Art (2003). Project exhibited: "Joseph Shepler House and Studio"
- Carnegie Magazine (June, 2003) "Joseph Shepler House and Studio"

#### **Past Experience and Notable Projects:**

Mr. Shepler has completed numerous projects with government agencies, historic preservation and many more building types. A partial list is below.

- <u>City of Key West Administration Building Complex</u> Angela Street Site (Key West, FL)
   Project Architect with another firm Complete Building Program Report, Schematic
   Design through Construction Documents for a 32,000 s.f. Administration Building, 7,000 s.f.
   Fire Station and a 140 Space Multi Level Parking Garage. This project was not constructed.
- <u>87 Rivington St.</u> (Lower East Side, New York, NY) Project Architect Complete building restoration. *Cost:* \$1,700,000 Completed 2009.
- St. Bernard's Church (New York, NY) Project Architect Accessibility Renovation. Cost: \$400,000 Completed 2009
- 347 West Broadway (New York, NY) Project Architect Complete roof replacement, building restoration at upper floor, bulkhead restoration and new roof deck structure in

- conjunction with Halsted Welles Associates. Cost: \$250,000 Completed 2007
- <u>102 Franklin Street</u> (New York, NY) Project Architect Complete exterior restoration of historic building in Tribeca Landmark District. *Cost:* \$230,000 Completed 2006
- Hotel QT (125 W. 45<sup>th</sup> St., New York) – Project Architect Complete exterior restoration. Cost: \$900,000 Completed 2007
- <u>U.H.A.B. Buildings</u> (East Village, New York, NY) Project Architect Complete restoration of 5 buildings for low-income co-op conversion. *Cost:* \$7,000,000 Completed 2010
- 214 West 17<sup>th</sup> Street (New York, NY) Project Architect Complete exterior restoration of historic building in Chelsea Landmark District. Cost: \$275,000 Completed 2005
- <u>68 St. Marks Place</u> (New York, NY) Exterior & Interior restoration of historic brownstone building. *Cost:* \$450,000 *Completed 2004*
- Volunteers of America (New York, NY) Exterior & Interior restoration of historic brownstone building. Cost: \$550,000 Completed 2004
- The Langham (New York, NY) Exterior restoration of historic brownstone building. Lucy Moses Award recipient for excellence in historic restoration. Cost: \$2,000,000 Completed 2004
- Bergen County Medical Center, Building #5 (Paramus, NJ) Construction Documents Complete exterior restoration. Cost: \$200,000 Completed 2009

#### **Professional Memberships & Affiliations**

A.I.A.
N.C.A.R.B.
North East Sustainable Energy Association
NYo2 New York City based Sustainable Design Organization
Florida Renewable Energy Association



#### Rick Gonzalez, AIA

President

#### **Professional Experience**

Rick Gonzalez, AIA has over 28 years of experience in the architectural profession. Rick received two architectural degrees from the Catholic University of America in Washington, D.C., with additional course work completed at Miami-Dade College, Francisco Marroquin University in Guatemala City and the Autonomous University of Central America in San Jose, Costa Rica.

Mr. Gonzalez is a member of the American Institute of Architects and was appointed to the Florida Historical Commission (FHC) by Governor Charlie Crist in 2008 and to Florida Board of Architecture and Interior Design (BOAID) by Governor Bush for two terms 2000-2007 (Chairman 2005 & 2006). Mr. Gonzalez is an award winning architect, whose design standards have been used as examples for Palm Beach County's Architectural Guidelines, Florida CNU Guidebook & ULI Land Development Handbook.

#### **Historic Preservation, Adaptive Reuse**

- Historic Lake Worth Beach Casino, Lake Worth, FL
- Old Boynton Beach High School, Boynton Beach, FL
- Palm Beach County Cultural Council Headquarters, Lake Worth, FL
- Old 1916 Palm Beach County Courthouse Restoration, West Palm Beach, FL
- Mar-A-Lago Private Club, Palm Beach, FL
- The Harriet Himmel Theatre for Cultural & Performing Arts @ CityPlace, West Palm Beach, FL
- St. Ann's Campus Renovation, West Palm Beach, FL
- Harris Music Lofts, Downtown West Palm Beach, FL
- Old Ft. Pierce Post Office. Ft. Pierce. FL
- Old St. Anastasia School, Ft. Pierce, FL
- Historic Ruth Jones Cottage, Boynton Beach, FL
- "Little House" Relocation, Boynton Beach, FL
- Lunt Cottage, Palm Beach, FL
- Old Belle Glade City Hall, Belle Glade, FL

#### **Government, Municipal Facilities**

- Boynton Beach Amphitheatre, Boynton Beach FL
- Wellington Amphitheatre, Wellington, FL
- West Palm Beach Fire Station #5 & EOC, West Palm Beach, FL
- Northern Palm Beach EOC, Palm Beach Gardens, FL
- City of Sebastian City Hall and Police Station, Sebastian, FL
- Palm Beach County Solid Waste Transfer Facility, Lantana, FL
- Lake Park Fire Station, Lake Park, FL
- St. Lucie County Administration Annex, Port St. Lucie, FL
- Miami Beach Golf Clubhouse at Bayshore Drive, Miami Beach, FL
- Children's Museum, Boynton Beach, FL
- Westgate/Belvedere Pump Station, West Palm Beach, FL

#### Parks, Community Centers, Equestrian, Hospitality & Fine Art Centers

- Valiente Farm, Wellington, FL
- Glenspur Equestrian Farm, Wellington FL
- Zacara Equestrian Farm, Wellington, FL
- Sara Sims Park, Boynton Beach, FL
- Acreage Park South, The Acreage, FL
- Scott's Place Park & Patriot's Memorial Park, Wellington, FL
- Pine Creek Hunting Club, Okeechobee, FL
- Marco Island Amphitheatre & Veteran's Park Master Plan, Marco Island, FL
- Trump International Golf Club, West Palm Beach, FL
- Morgan Hotel, West Palm Beach, FL
- Northwood Community Center, West Palm Beach, FL
- Lindsey Davis Community Center, Riviera Beach, FL
- West Jupiter Community Center, Jupiter, FL
- Palm Beach International Polo Club, Wellington, FL
- LaLechuza Caracas Equestrian & Polo Facility, Wellington, FL



#### **Education**

The Catholic University of America, Washington, D.C. Bachelor of Science in Architecture - 1984 Bachelor of Architecture - 1985

Miami-Dade College, Miami, FL

Associate of Arts Degree - 1982

Francisco Marroquin University, Guatemala City, Guatemala, Architectural Studies - 1980

Autonomous University of Central America, San Jose, Costa Rica, Architectural Studies - 1979

#### Registrations

State of Florida – 1992 NCARB – 1992

#### Awards

#### 2009

- AIA Palm Beach Firm of the Year Award
- AIA Palm Beach Chapter Recognition Award for Corporate Place at Tradition
- Solid Waste Authority Transfer Station, Silver National Excellence Award for the Palm Beach County SWA Transfer Station @ I-95 and Lantana Rd.

#### 2008

- Florida Trust Award (FTHP) & AIA Palm Beach Historic Restoration Excellence Award for the 1916 Palm Beach County Historic Court House, West Palm Beach, FL
- AGC's "Build Florida Award" for \$4m and above category for the 1916 Palm Beach County Court House, West Palm Beach, FL
- DBA's Historic Preservation Test of Time Award for the Mar-A-Lago Club work done for Donald Trump 1995-2005 in Palm Beach, FL
- ABC's Design Award for Public Works under \$5m;
   Northern Palm Beach County Improvement District
   Admin/EOC in Palm Beach Gardens, FL
- PBC Hispanic Chamber's Business Leader of the Year Award

#### 2007

 The Delray Beach Site Plan Review & Appearance Board (SPRAB) Award for Excellence in Design in the category of New Residential Development for "Old Palm Grove" Estate Homes & Apartments

#### 2006

- AIA Palm Beach Community Service Award
- SE Construction News Best Municipal Complex;
   Sebastian City Hall & Police Station

#### 2005

 2005 Excalibur Award - Small Business Sun Sentinel Newspaper

#### 2004

 AIA Palm Beach Award for Miami Beach, (Bayshore) Golf Clubhouse, Miami Beach, FL.

#### 2003

51

 AIA Palm Beach – Honor Award for Design of the Harriet Himmel Theatre at CityPlace



#### Rick Gonzalez, AIA (Continued) - Page 2

- Ocean Cay Park, Jupiter, FL
- Miami Beach Parks Bond Improvement, Miami Beach, FL
- Marine Life Center of Juno Beach, FL
- Isla Carroll Farm, Wellington, FL
- Trump International Golf Club, West Palm Beach, FL
- Benzaiten Center for the Arts, West Palm Beach, FL
- Wycliffe Communities Guardhouses, Wellington, FL

#### Mixed Use/Urban & Master Planning

- Town Architect for Abacoa POA, & Admiral's Cove POA, Jupiter, FL
- Parrot Pointe Resort, Costa Rica
- Juno Pointe, Juno Beach, FL
- Testa's, Palm Beach, FL.
- Blue Harbor, Ft. Pierce, FL
- Landmark Town Center @ Doral, FL
- Los Cielos Resort, Costa Rica
- Vista del Lago Town Center, Cutler Bay, FL
- Melody Place, Downtown Ft. Pierce, Ft. Pierce, FL
- Transit Village, West Palm Beach, FL
- Lake Okeechobee/Palm Beach County LORE Design Guidelines
- Los Cielos Master Plan, Costa Rica
- Delray Beach CRA, 9<sup>th</sup> Avenue Redevelopment, Delray Beach, FL
- Virginia Key Master Plan, Virginia Key, FL
- Northwood Facades Study, West Palm Beach, FL
- Historic Delray Design Guidelines, Delray Beach, FL
- DDA Downtown Facades, West Palm Beach, FL
- Yesteryear Village at the South Florida Fair Master Plan, West Palm Beach, FL
- Pahokee Main Street, Pahokee, FL

#### Office/Retail

- Jon Smith Subs, Jupiter, FL
- Baer's Furniture, North Palm Beach, FL
- Addison Place, Delray Beach, FL
- Boysaw & Associates Law Office Building, West Palm Beach, FL
- Corporate Place @ Tradition Office Campus, Port St. Lucie, FL
- Bill Bone Professional Building, West Palm Beach, FL
- Iberia Bank formerly Orion Bank, West Palm Beach, FL
- PNC Bank, formerly Fidelity Federal Bank, Delray Beach, FL
- Mirasol Town Center, Palm Beach Gardens, FL
- Havana Restaurant, West Palm Beach, FL

#### Multi Family & Single Family Residential

- Big Cypress Townhomes, Big Cypress, FL
- "The Residences" at 1211 North Olive Avenue, West Palm Beach, FL
- Paul Laurence Dunbar Senior Complex, West Palm Beach, FL
- Peninsula Estate, Loxahatchee River, FL
- West Palm Beach Infill Housing, West Palm Beach, FL
- Pinnacle Palms Senior Housing, West Palm Beach, FL
- Old Palm Grove, Delray Beach, FL
- Tim Hernandez Estate, Ft. Lauderdale Golf Course
- Don Soffer Estate, Old Palm Golf Club, Palm Beach Gardens, FL
- Al Hoffman Estate, Ft. Myers, FL
- Bell / Cannon Residence, West Palm Beach, FL
- Abramson Residence, West Palm Beach, FL

#### **Churches, Schools and Institutions**

- Northwood University DeVos School of Business, West Palm Beach, FL
- Cardinal Newman High School, West Palm Beach, FL
- St. Jude Catholic Church Multi-purpose Hall, Boca Raton, FL
- Grace Episcopal Church, West Palm Beach, FL
- Poinciana Day School MP, West Palm Beach, FL
- Holy Cross Catholic Church, Indiantown, FL
- All Saints Catholic School, Sports Facility, Jupiter, FL

• The Delray Beach Site Plan Review and Appearance Board Award for Excellence in Design in the Category of New Commercial Development for Fidelity Federal Bank at 5<sup>th</sup> Avenue (SPRAB)

- Florida Trust for Historic Preservation Outstanding Achievement Award in the Field of Non-Residential Restoration/Rehabilitation for the Harriet Himmel Gilman Theatre at CityPlace, Downtown West Palm Beach
- Florida Trust for Historic Preservation Outstanding Achievement Award in the Field of Restoration Rehabilitation for the Mar-A-Lago Conversion to a Private

#### **Affiliations**

Maryland Institute and College of Art (MICA)

Board of Trustees 2011-Present

University of Florida, School of Architecture, Historic Preservation Dept. Board of Advisors & DSO St. Augustine, 2009 – Present

FL Trust for Historic Preservation Board 2008 - Present Vice-President 2012 to present

Florida Historical Commission (FHC) 2008 - Present W Palm Bch. Cultural Affairs Committee 2008 - Present

Catholic University of America/School of Architecture Advisory Board, Washington, DC 2004 - Present

State of Florida Department of Professional Regulation, Board of Architecture and Interior Design, Chair, 2005 - 2007, 2 terms 2000-2007

American Institute of Architects 1986 - Present

City of West Palm Beach Planning Board 1993-1999

Palm Beach County Cultural Council 2000-2008

Palm Beach County Committee for Public Art 2002-2008 Business Development Board of Palm Beach County 2003 - 2008

#### **Publications/Articles**

Miami Herald/WLRN judge for "Best Urban Block" competition of South Florida, 2012

National Trust for Historic Preservation June 2009 Issue Article on 1916 Palm Beach County Courthouse Restoration in Preservation Magazine

A Guide to New Urbanism in Florida Doral Town Center, Old Palm Grove, City Place, Downtown West Palm Beach

"For the Good of the Community", The Prospector, Business Development Board Publication, Winter 2004

"Having a Ball", Real Estate Review, Daily Business Review, 2004

Place Making: Developing Town Center, Main Streets and Urban Villages Case Study: CityPlace. Urban Land Institute, 2002

"Downtown Walking Tours", Palm Beach Post, November 2002

"South Florida Today" WXEL - November 2003

"A Walk Through History", Sun Sentinel, November 2003

A Guide to New Urbanism in Florida Old Palm Grove and CityPlace. 2002

"Back to the Future" 1st Edition, Palm Beach Illustrated Magazine, February 2002

"Going Back to Cuba", Business, Palm Beach Post, July 2001 "Moving Up, Rick Gonzalez", Newsmakers, Palm Beach Post, April, 2002

"Fate of Mangrove Park", South Florida Sun Sentinel May,

"Architect Feels Pulse of Downtown Life", Sunday Spotlight, Palm Beach Post, November, 1999

"Wild Palms, The People Who Make South Florida", Ocean Drive Magazine, March 1998

"Shaping the Future of Downtown" Cameo Spotlight, Palm Beach Illustrated Magazine, November, 1997

"Clematis Street Revival", Arts and Entertainment, Palm Beach Post, April, 1990

"Innovative Housing", Newsmakers WXEL-42, 1989





#### **Colin Price, Vice President**

**Director of Operations** 

#### **Professional Experience**

With over 30 years of experience in the combined fields of architecture and engineering, Mr. Price is uniquely qualified to lend his expertise to a variety of project types. His hands on experience with historic renovation work includes the award winning Harriet Himmel Theatre at CityPlace, historic Mar-a-lago and the Palm Beach County Court House. He has experience in filing variance applications, FEMA requirements, ADA Standards and is familiar with the new Florida Building Codes, as well as the Secretary of Interior's Standards for Historic Restoration.

#### **Historic Preservation, Adaptive Reuse**

- St. Lucie History Center, Ft. Pierce, FL
- Palm Beach County Cultural Council, Lake Worth, FL
- Lake Worth Beach Casino, Lake Worth, FL
- The Harriet Himmel Theatre for Cultural and Performing Arts, West Palm Beach, FL
- Old 1916 Palm Beach County Courthouse Restoration, West Palm Beach, FL

#### Government, Municipal Facilities

- Fire Station #5/EOC, West Palm Beach, FL
- Children's Services Council Headquarters, Boynton Beach, FL
- Northern Palm Beach EOC, Palm Beach Gardens, FL
- City of Sebastian City Hall, Police Station, Park, and Boys & Girls Club, Sebastian, FL
- Solid Waste Transfer Facility Complex, Lantana, FL
- 22 Boynton Beach CRA projects, Boynton Beach, FL

# Parks, Community Centers, Clubs, Equestrian, Hospitality and Fine Arts Centers

- Cultural Trust of The Palm Beaches, Wellington, FL
- Palm Beach International Polo Club, Wellington, FL
- La Lechuza Caracas Equestrian & Polo Facility, Wellington, FL
- Bayshore Golf Clubhouse, Miami Beach, FL
- Loggerhead Marine Life Center, Juno Beach, FL
- Roseaire Retreat, Delray Beach, FL
- Holy Cross Church, Okeechobee, FL
- St. Jude Banquet Hall, Boca Raton, FL
- Glenspur Equestrian Farm, Wellington, FL
- Zacara Equestrian Facility, Wellington, FL

#### **Mixed Use**

- Parrot Pointe, Costa Rica
- Juno Point, Juno Beach, FL
- Blue Harbor at Ft. Pierce Inlet, Ft. Pierce, FL
- The Landmark at Doral Town Center, Doral, FL
- Melody Place Downtown Ft. Pierce

#### Offices, Retail

- Business Development Board of Palm Beach County Headquarters, West Palm Beach, FL
- Forte Interactive, West Palm Beach, FL



#### **Education**

Department of Higher Education, Capetown,
S. Africa
Mechanical Engineering Degree
Johannesburg Technicon, Johannesburg,
S. Africa
Mechanical Diploma
Department of Labour, Johannesburg, S. Africa
National Trade Certificate



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## Ricardo E. Gonzalez Sr., R.A.

**Director Emeritus** 

#### **Professional Experience**

Originally from Cuba, Ricardo has over 50 years of experience in the Architectural profession, in this country and abroad. He came to the US in 1961 and after spending 4 years in Atlanta, Georgia, moved to Coral Gables, Florida where he established his first office. In 1973 he moved with his family to San Jose, Costa Rica, where he obtained his incorporation. He returned to the US and relocated in West Palm Beach, Florida where in 1988 he opened an office for Architectural practice with his son Rick. He was employed as an Architect for Florida Atlantic University with the Facilities Planning Department where his conceptual design for the new Arts and Humanities Building helped obtain a grant from the Schmidt Family. In 2002, he retired from REG Architects, Inc. and worked as an Architect for the Palm Beach County School District Building Department. In 2005, he returned to REG Architects, Inc. as Director Emeritus focusing on quality assurance and quality control for the firm.

#### **Historic Preservation, Adaptive Reuse**

- Mar-A-Lago Private Club, Palm Beach, FL
- Palm Beach County Court House, West Palm Beach, FL
- Lake Worth Beach Casino, Lake Worth, FL
- Palm Beach County Cultural Council Headquarters, Lake Worth, FL
- The Harriet Himmel Theatre for Cultural and Performing Arts, West Palm Beach, FL

#### **Government, Municipal Facilities**

- Palm Beach County Sheriff's Office North County Safety Complex, North Palm Beach, FL
- Fire Station #5/Emergency Operations Center, West Palm Beach, FL
- Wellington Patriot's Memorial, Parts and Amphitheatre, Wellington, FL

## Parks, Community Centers, Clubs, Equestrian, Hospitality and Fine Art Centers

- West Jupiter Community Center, Jupiter, FL
- Vedado Park Community Center, West Palm Beach, FL
- Northwood Community Center, Phase I, West Palm Beach, FL

#### Office, Retail

- Addison Place Shopping Center, Delray Beach, FL
- Forte Interactive Headquarters, West Palm Beach, FL

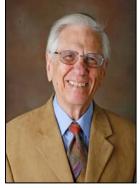
#### **Churches, Schools & Institutions**

- Holy Cross Church, Indiantown, FL
- St. Jude Catholic Church, Boca Raton, FL
- Rosaire Retreat, Sea Ranch Lakes, FL
- Our Lady of Lourdes Catholic Church and Rectory Complex, San Jose, Costa Rica
- St. Michael the Archangel Chapel Addition, Miami, FL
- Chapel for the Jesuits Marian Sodality for University Professionals Association (A.C.U.), Miami, FL

#### Multi-Family & Single Family Residential

Pinnacle Palms Affordable Housing Complex, West Palm Beach, FL





#### Education

Villanova Catholic University, Havana, Cuba 1960

#### Registrations

State of Florida – 1967 Costa Rica – 1975 – Architectural Registration and Incorporation

#### **Affiliations**

Pine Jog Environmental Center, West Palm Beach, Fl, Board of Directors, 1996 – 2006
Historic Preservation Board, City of West Palm Beach, Fl Advisory Board Member, 1996 – 2000
Palm Beach County Construction Licensing Board, Advisory Board Member, 1989 – 1992
Auditorium and Stadium Advisory Board, City of W. Palm Beach, advisory Board Member, 1989–1993

Hispanic Cultural Arts (HISCA), West Palm Beach, 1989 – 1995

Interamerian Association of Businessmen, A.I.H.E., Palm Beach Chapter, 1988 - 1996

#### Awards

Downtown Clematis, Revitalization Board "Vision '92–Reality '94" Conceptual Design & Presentation Renderings for Bonds Approvals – 1992 Regional Central America Architecture and

Engineering Boards, First Place award for office competition. Punta Arenas Water and Sewer Building Complex - 1974

Villanova University representative at the IV Bi-Annual of Arts and Architecture, Sao Paulo, Brazil – 1956

Villanova Catholic University, School of Architecture, First place award for Architectural Design II - 1955

#### **Academic Activities**

Palm Beach Community College, W. Palm Beach, Fl, School of Arts and Architecture, Adjunct Facility Professor, Interior Design and Freehand Perspective, 1988 – 1995

Villanova Catholic University, Havana, Cuba – School of Architecture, Assistant Professor Urban Planning Design 1960 Professor Architectural Design III– 1961

EST. 1988



#### Vlad Dumitrescu, AIA, LEED AP

Sr. Project Designer

## **Professional Experience**

Mr. Dumitrescu has over thirty-seven years experience in the fields of architecture and urban design working in the United States. Originally from Rumania, he earned his Master in Architecture from "Ion Mincu" School of Architecture, Bucharest, Rumania. Vlad works with conceptual design, design development refinement and presentations in architecture; research and analysis in urban design; and 3D design and renderings on a variety of projects.

#### **Historic Preservation, Adaptive Reuse**

- Clematis Renaissance, West Palm Beach, FL
- Clematis Place, West Palm Beach, FL
- Franklin Cottage, Delray Beach, FL
- Little House, Boynton Beach, FL
- Historic Ruth Jones Cottage, Boynton Beach, FL
- Old Boynton Beach High School, Boynton Beach, FL
- Lake Worth Beach Casino, Lake Worth, FL

## **Government, Municipal Facilities**

- Marina Place, Riviera Beach, FL
- Boynton Beach CRA, Boynton Beach, FL
- Pompano Beach Pier CRA Site, Pompano, FL
- Delray Beach CRA, Delray Beach, FL
- 133 5<sup>th</sup> Avenue, Delray Beach, FL
- 9<sup>th</sup> Avenue, Delray Beach, FL
- L.O.R.E. Guidelines, Belle Glade, FL
- TOD Study, West Palm Beach, FL
- URA Study, West Palm Beach, FL
- Poinciana Day School, Palm Beach County, FL

# Community, Art & Performance Centers, Parks, Equestrian, and Hospitality

- Benzaiten Center for the Arts, West Palm Beach, FL
- Morgan Hotel, West Palm Beach, FL
- Glenspur Equestrian Farm, Wellington, FL
- Zacara Equestrian Farm, Wellington, FL
- Testa's Restaurant, Palm Beach, FL
- Havana Restaurant, West Palm Beach, FL

#### Mixed Use

- Transit Village, West Palm Beach, FL
- Parrot Pointe, Costa Rica
- Los Cielos, Costa Rica
- Blue Harbor Ft. Pierce, FL
- Melody Place, Ft. Pierce, FL
- Juno Point, Juno Beach, FL
- Custard Cove, Belle Glade, FL
- Cornerstone at Riverwalk, West Palm Beach, FL

#### Office/Retail

- Corporate Place at Tradition, Port St. Lucie, FL.
- Indiantown Office Building, Jupiter, FL
- Abacoa Medical Village, Jupiter, FL



#### Education

Master of Architecture of "Ion Mincu" School of Architecture, Bucharest, Rumania – 1974 Faculty of Architecture and Urbanism, University of Chile, Santiago Chile 1969 - 1974

#### Registration

State of Florida – 2005 State of New Jersey – 1991

Licensure: USGBC, LEED, A.P., May 2009

#### **Affiliations**

American Institute of Architects 2005 - Present Congress for New Urbanism – 2005 – Present





#### Vincent Käfer

**Production Manager** 

#### **Professional Experience**

Mr. Käfer has spent twelve of his twenty-two years experience in the fields of architecture & engineering working in the United States. Originally from Brazil, he earned his Bachelor Degree in Architecture & Urban Design, & also attended the Civil Engineering School. Vincent works from scheduling project design conception throughout construction documents on a variety of projects.

#### **Historic Preservation, Adaptive Reuse**

- Palm Beach County Courthouse Restoration, West Palm Beach, FL.
- St. Lucie County History Center at the Old Post Office, Ft. Pierce, FL
- St. Anastasia School, Ft. Pierce, FL
- Old Boynton Beach High School, Boynton Beach, FL

#### Government, Municipal Facilities

- Lantana Waste Management Station, Lantana, FL
- Fire Station #5 & EOC, West Palm Beach, FL
- Westgate/Belvedere Homes CRA, Pump Station, W. Palm Beach, FL
- Children's Services Council Headquarters, Boynton Beach, FL
- Gyms, Parks, Amphitheatre & 911 Memorial, Wellington, FL

#### Parks, Community Centers, Clubs, Equestrian, & Hospitality

- Noreen McKean Towers, West Palm Beach, FL
- Zacara Farm, Wellington, FL
- Trump International Golf Club, West Palm Beach, FL
- Wycliffe Country Club Clubhouse, Wellington, FL
- Admiral's Cove Command Center, Jupiter, FL
- Jonathon's Landing Golf Clubhouse Addition, Jupiter, FL
- Tivoli Lakes Country Club Clubhouse Addition, Boynton Beach, FL
- Loggerhead Marine Life Center, Juno Beach, FL
- Riverbend Regional Park, Jupiter, FL
- Pinecreek Hunting Lodge, Okeechobee, FL
- Holy Cross Catholic Church, Okeechobee, FL
- Roseaire Retreat Center, Delray Beach, FL

#### **Mixed Use**

- The Landmark at Doral Town Center, Doral, FL
- Vista del Lago Town Center, Cutler Ridge, FL
- Juno Point, Juno Beach, FL

#### Office/Retail

- Airport Professional Centre Offices, West Palm Beach, FL
- 320 Hibiscus, Jupiter, FL
- John Smith Subs, Jupiter, FL
- Havana Restaurant, West Palm Beach, FL
- Mariner's Key Offices, Lake Park, FL
- 2822 So. Dixie Office Building, West Palm Beach, FL
- U.S. Sugar New Laboratories Building, Clewiston, FL.
- Boysaw & Associates, West Palm Beach, FL
- Orion Bank, West Palm Beach, FL
- Greenwich Medical Buildout, Jupiter, FL

#### Residential

- Big Cypress Townhomes, Big Cypress, FL
- Westgate/Belvedere Homes CRA, Infill Housing, West Palm Beach
- Don Soffer Estate, Wellington, FL
- Trump Guest Residence at Mar-a-Lago, Palm Beach, FL



#### Education

Bachelor of Architecture and Urban Design University of Vale do Rio dos Sinos, Brazil 1990

#### Registration

CREA/RS - Brazilian Architectural and Engineering Registration Board - 1990

#### **Community Activities**

Palm Beach Gardens Youth Athletic Association Soccer Coach 2010-present





## Karen Gonzalez, I.I.D.A.

Director of Interior Design

#### **Professional Experience**

Mrs. Gonzalez has been involved in interior design at REG for over 25 years. The strengths Mrs. Gonzalez brings to REG are her ability to work on a wide range of interior project types with a diverse clientele and her sensitivity to issues related to Interior Design. These complex projects require her to work closely with the architect, as demonstrated in her work on the award winning Harriet Himmel Theatre for Cultural and Performing Arts at City Place & 1916 Palm Beach County Court House in West Palm Beach.

#### Historic Preservation, Adaptive Reuse

- Old 1916 Palm Beach County Courthouse Historic Restoration, West Palm Beach, FL
- City of Sebastian City Hall and Police Station, Sebastian, FL
- Palm Beach County Cultural Council Headquarters, Lake Worth, FL

## **Government, Municipal Facilities**

- Children Services Council of Palm Beach County Headquarters, Boynton Beach, FL
- St. Lucie County Administrative Annex, Ft. Pierce, FL
- Lake Park Fire Station; Lake Park, FL
- Bayshore Golf Clubhouse, Miami Beach, FL
- Mayme E. Frederick Head Start Facility, Riviera Beach, FL

#### Parks, Community Centers, Clubs, & Equestrian

- American Lung Association 2006 Designer Showcase, West Palm Beach, FL
- La Lechuza Polo and Equestrian Facility, Wellington, FL
- Northwood Community Center and Recreation Campus, West Palm Beach, FL
- Tivoli Lakes Country Club Interior Study, Boynton Beach, FL
- West Jupiter Community Center, Jupiter, FL

#### Religious

- St. Ann Rectory Church & School, West Palm Beach, FL
- Holy Cross Catholic Church, Indiantown, FL
- Grace Episcopal Church, West Palm Beach, FL
- St. Jude Catholic Church Parish Banquet Hall, Boca Raton, FL

#### Offices, Retail

- Bellagio Restaurant, West Palm Beach, FL
- Fidelity Federal Bank, Jupiter, FL
- Datura Station, West Palm Beach, FL
- REG Architects, Inc. "Green" Office, West Palm Beach, FL
- Business Development Board of Palm Beach County Headquarters, West Palm Beach, FL
- Studio E Gallery, Jupiter, FL

#### Residential

- 461 Olympus Dr., Juno Beach, FL
- Pinnacle Palms Senior Housing, West Palm Beach, FL



#### Education

Palm Beach Community College, Lake Worth, FL Associate in Science, Interior Design - 1989

#### Registration

State of Florida – Interior Design - 1989 International Interior Design Association - 2004

#### Award:

Northwood University Entrepreneur Finalist - 2005



## Stirling & Wilbur Engineering Group



7085 South Tamiami Trail Sarasota FL 34231 941.929.1552 EB6482

#### **BRIAN STIRLING, PE, Partner**

## **Professional Registrations**

Professional Engineer, State of Florida, 1984 Professional Engineer, State of Georgia, 1991 Licensed Special Inspector, State of Florida, 1984 Professional Engineer, State of Maryland, 1990

Professional Engineer, Ontario, Canada, 1980

Professional Engineer, State of North Carolina, (inactive), 1987 Professional Engineer, State of Alabama, (inactive), 1991

#### **Professional Memberships**

American Concrete Institute American Society of Civil Engineers
International Concrete Repair Institute Florida Institute of Consulting Engineers

Southern Building Code Congress International Florida Engineering Society

National Society of Professional Engineers American Consulting Engineers Council

American Forest & Paper Association (American Wood Council)

#### Education

Bachelor of Applied Science (Civil Engineering), 1978, University of Waterloo, Waterloo, Ontario, Canada

#### **Summary of Historical Structure Restoration Experience**

• Structural Engineer of Record for a wide variety of historical structure restoration / renovation projects, including museums, libraries, town halls, hotels, courthouses, as well as private and multi-family residences, with a long standing familiarity of permitting requirements, design codes and a special appreciation of the civic importance of such projects.

#### **Summary of Government / Public Facilities Experience**

• Structural Engineer of Record for over 200 government and public projects, new construction and renovations, throughout Florida, including schools, classrooms, libraries, town halls, community centers, with detailed knowledge of the applicable design codes for such, and an excellent working relationship with the various governing and permitting agencies.

## **Summary of Experience**

• December, 1992 to present

Founding partner in a firm of consulting structural engineers, specializing in the design of new buildings and structural restoration of existing buildings. Current projects consist of a wide range of construction types and uses, including medical, educational, government and public facilities, as well as large custom homes in high hazard areas. Services include investigations, analysis, design, inspections, expert testimony, product development, and consultation.

- October, 1983 to December, 1992 Managing Principal
  - Management and direction of a firm of Professional Engineers, specializing in structural engineering, staff of up to 11, total annual project values in excess of \$100,000,000.00. Extensive experience in structural repairs and rehabilitation, consultant to the Aluminum Association of Florida. Services included investigations, analysis, design, inspections, expert testimony, product development, and consultation.
  - Technical author of 2 publications, "Guide to Wood Construction in High Wind Areas" and "Guide to Concrete Masonry Construction in High Wind Areas".

## Stirling & Wilbur Engineering Group



7085 South Tamiami Trail Sarasota FL 34231 941.929.1552 EB6482

## STEPHEN WILBUR, P.E., Partner

#### **Education**

University of Waterloo, Waterloo, Ontario, Canada Bachelor of Applied Science (Civil Engineering) / 1982 / Dean's Scholar

## **Professional Registrations**

Professional Engineer, State of Florida, 1989 Professional Engineer, State of Indiana, 2005 Professional Engineer, Province of Ontario, Canada, 1984 Florida Special Inspector

#### **Professional Memberships**

American Concrete Institute International Concrete Repair Institute International Code Council National Society of Professional Engineers City of Sarasota Board of Rules and Appeals American Society of Civil Engineers Florida Institute of Consulting Engineers Florida Engineering Society American Consulting Engineers Council

## **Summary of Historical Structure Restoration Experience**

Structural Engineer of Record for a wide variety of historical structure restoration / renovation projects, including museums, libraries, town halls, schools, churches, as well as private and multi-family residences; familiarity with permitting requirements, design codes and a special appreciation of the civic importance of such projects.

#### **Summary of Government / Public Project Experience**

Structural Engineer of Record for numerous government and public projects, new construction and renovations, throughout Florida, including schools, libraries, town halls, emergency facilities, detention facilities, community centers, recreation facilities; detailed knowledge of the applicable design codes for such, and an excellent working relationship with the various permitting agencies; familiar with special requirements of public projects

#### **Summary of General Experience**

December, 1992 to present - Partner in a firm of consulting structural engineers specializing in the design of new buildings and structural restoration of existing buildings

January, 1988 to December, 1992 - Sr. Structural Engineer responsible for all phases of design and construction, including school, commercial and medical facilities; lead professional in the development of structural restoration division of firm.

#### **Elizabeth Newland**

P.O. Box 140908 Coral Gables, Florida 33114

Email: liznewland@bellsouth.net

Telephone: 305-481-6301

#### **Academic Background**

Bachelor of Landscape Architecture, University of Georgia, School of Environmental Design

#### **Professional Registration**

Registered Landscape Architect, State of Florida, License LA 0001288 Registered Landscape Architect Business, State of Florida, License LC26000434 Certified General Contractor, State of Florida, Reg. No. CGC 058929 LEED AP, March 2009

## Elizabeth Newland Landscape Architecture, LLC Owner/Manager-2010 to Present

As owner of Elizabeth Newland Landscape Architecture, LLC for the past two years Elizabeth has provided landscape architectural design for municipal and development projects in the Florida Keys. She has subcontracted with architects and engineers on government and private sector projects and also contracted directly with municipalities and developers.

- Key West Fire Station #2, Key West
- Stock Island Marina Village, Key West
- Monroe County, Stock Island Fire Station
- City of Marathon, Grassy Key Fire Station
- City of Key West, Virginia Street Corridor
- City of Marathon, Wastewater Treatment Plant Grassy Key
- City of Key West, Caroline Street Corridor
- Key West Seaport Hotel, Key West
- Waterfront Brewery, Key West
- City of Key West, Administration Building and Parking Garage

# <u>The Singh Company & Singh Resorts, Key West, Florida</u> <u>Landscape Architect and Vice President-1988-1991, 1995-1998, 2004-2011</u>

As Vice President and senior development executive for The Singh Company, Elizabeth provided complete project management expertise including conceptual design and master planning, local and state regulatory permitting, preparing construction budgets and bank finance packages, management of architectural, engineering and interior design consultants, landscape architectural design, FF&E design and procurement, construction management and contract negotiation, hotel renovation construction management and contract negotiation, developing marketing programs and collateral material design, managing advertising and public relations programs and consultants, corporate branding, design quality control, coordination with real estate sales team, owners representative and buyer/owner liaison. Redevelopment projects completed in the traditional Florida Keys vernacular-style included:

- Parrot Key Resort, Key West, Florida
- Tranquility Bay Beach House Resort, Marathon, Florida
- Indigo Reef Marina Homes, Marathon, Florida
- The Boat House Marina, Marathon, Florida
- Coral Lagoon Resort, Marathon, Florida
- Key West Golf Club, Key West, Florida-
- Village at Hawk's Cay, Monroe County, Florida
- Roosevelt Annex, Key West, Florida
- Truman Annex, Key West, Florida

#### Bermello, Ajamil & Partners, Miami, Florida

#### Partner, Director of Landscape Architecture and Corporate Officer-1998-2004

As Partner and Director of Landscape Architecture at Bermello, Ajamil & Partners Elizabeth grew the landscape architecture division within the firm into an award-winning design team with a track record of successful completed projects. Responsibilities included hiring and managing the five person landscape architecture design team, marketing and business development, project management, master planning, site planning, landscape and hardscape design, direction of multi-disciplinary design teams, development of aesthetic and community enhancements master plans, public participation programs and construction administration. While at B&A Elizabeth served as project manager for landscape architecture for the following high profile projects:

- Four Seasons Hotel and Tower, Miami, Florida
- Port of Miami Enhancements Master Plan, Miami, Florida
- Miami-Dade Expressway Authority Enhancements Master Plan, Florida
- Bayshore Golf Course/Miami Beach Golf Club, Florida
- City of Sunny Isles Streetscape Master Plan, Florida
- City of Bay Harbor Islands Streetscape Master Plan, Florida
- Salvadore Community Park and Tennis Center, Coral Gables, Florida
- Margaret Pace Park, Miami, Florida
- Marathon Community Park, Marathon, Florida
- Puerta Maya Resort, Cozumel, Mexico

#### **Professional Membership**

- American Society of Landscape Architects
- Leadership Miami Class of 2000 & Leadership Florida Class XXI

#### **Honors and Awards**

- Florida Chapter American Society of Landscape Architects, Award of Honor 2009
   Parrot Key Resort, Key West.
- Florida Chapter American Society of Landscape Architects, Award of Merit 2003
   Margaret Pace Park, City of Miami.
- Florida Design Arts Award for Design Excellence for Truman Annex, 1994. Awarded by the Secretary of State Jim Smith and the Florida Arts Council

## **RESUMES Island Surveying Inc.**

Frederick H. Hildebrandt, P.E., P.S.M.

#### **REGISTRATION:**

Professional Land Surveyor and Mapper, State of Florida, No. 2749 (June 1974) Professional Engineer, State of Florida, No. 36810 (March 1986)

#### **EDUCATION:**

Associate in Applied Science, Civil Technology, State Univ. at Farmingdale, N.Y. (1965)

Union College, Cranford New Jersey, Civil Engineering Courses

Bachelor of Arts, Real Estate major, minor in construction, Florida International University, Miami, Fl. (1978)

Masters of Science Program, Environmental & Urban Systems, FIU, Miami Florida

#### PROFESSIONAL EXPERIENCE:

2008 to present: Principal, Island Surveying Inc. Key West, Fl. 33040

1983 to 2008: Principal, F.H. Hildebrandt, Key West, and Miami

1982-1983: Chief Land Surveyor, Manager Survey Department, Vice President, Carr Smith & Associates, Coral Gables, Fl.

1981: Survey Manager Hole Montes & Associates, Naples, Fl.

1973-1980: Chief Land Surveyor, Manager Survey Department, Vice President, Carr Smith & Associates, Coral Gables, Fl.

1971-1973: Senior Party Chief, Porter & Ripa Associates, Morristown, New Jersey

1969-1971: Party Chief, Sailor & Sailor, Elizabeth, New Jersey

1969: Instrument man, Stanley Engineers, East Providence, Rhode Island

#### MILITARY:

1965-1969: U.S.N. Seabees, Engineering Aid Second Class, three tours to the Republic of Vietnam,

#### **HISTORY:**

Surveyed in New Jersey, Connecticut, Massachusetts, Rhode Island, and Florida. Also surveyed in Asia, Africa, and the Caribbean.

#### **OTHER LICENSES**

Private Pilot

Certified open water diver

#### MAJOR PROJECTS:

U.S. Navy, all Key West Bases

City of Key West, Misc. Surveys including Truman Annex

Monroe County, Misc. Surveys

Monroe County School Board, most of the county schools

K.W. Housing Authority, Sands and No. Roosevelt Housing

Singh Properties. K.W. Golf Course, Parrot Resort, Truman Annex

**Monroe County Airports** 

Surveyed over 10,000 properties in the Florida Keys

## **RESUMES Island Surveying Inc**

#### Donald Fletchall

#### **EDUCATION:**

Graduate of Saint Mary Immolate High School, 1977 Associate degree work in Business, FKCC, UF

#### PROFESSIONAL EXPERIENCE:

Civil Service, U.S. Navy

5 Years Waste Management

10 Years Hazardous waste

5 Years management partner, M & M, LLC, DBA, Haagen-Dazs

13 years senior Party Chief, Island Surveying, Inc.

#### HISTORY:

Involved with all office and field work for Island Surveying, Inc. Proficient in Autocad 2004 – 2012 GPS Operation Robotic Total Station

#### **OTHER LICENSES**

Certified open water diver

#### MAJOR PROJECTS:

U.S. Navy, all Key West Bases
City of Key West, Misc. Surveys including Truman Annex
Monroe County, Misc. Surveys
Monroe County School Board, most of the county schools
K.W. Housing Authority, Sands and No. Roosevelt Housing
Singh Properties. K.W. Golf Course, Parrot Resort, Truman Annex
Monroe County Airports

## Lawrence Zabik

**Managing Partner** 

One of the founding partners of Zabik and Associates, Inc., Mr. Larry Zabik has been managing construction projects for over 32 years. His undergraduate degree is in Electrical Engineering from Norwich University, B.S.E.E. He also has a Master's Degree in Economics from the University of Oklahoma. He has also completed graduate studies in Engineering and Educational Leadership.

As a Managing Partner at Zabik and Associates, Inc., Mr. Zabik is responsible for daily operations, direction of staff and specializes in total project management.



Selected Experience:

## Owner's Representative Projects.

To date, the firm has managed over \$500 million dollars in construction projects. The firm's experience includes 1,705 multi-family affordable housing units, 166 high-rise condominium units, schools, private residences, country clubs, and general commercial projects. His duties included coordination of design, permitting, contract negotiation, management of the contractor's critical path schedule, inspection of the work, coordination of inspections, coordination of Owner's vendors, review and approval of pay applications and change orders, preparation of independent cost estimates and review of contractor provided cost estimates.

### Cost Estimating, Broward & Palm Beach School Districts.

Zabik and Associates, Inc., in partnership with ONM&J, holds a continuing contract with the Broward County School District to provide Cost Estimating and Scheduling services for years 2010-2013 and previously provided services from 2003-2007.

In Palm Beach County, (2004-2008) Zabik and Associates reviewed and approved project change orders and contingency charges. Zabik & Associates completed work on over 2,300 cost estimates.

## Assistant Superintendent for Support Services, School District of Palm Beach County.

Mr. Zabik directly managed all resources and personnel required for the physical operation and maintenance of all 132 district campuses. During his tenure, \$500M in construction and renovation was completed with 90% completed on-time and within budget, with a change order rate cited by Coopers and Lybrand as being half the national and state averages.

Mr. Zabik was responsible for cost estimating and budgeting of the \$30 million historic renovation of Palm Beach High School. Built in 1908, the school had been vacant for a decade. The school was reopened in 2007 as the state-of-the-art Dreyfoos School of the Arts. In addition to the School District funded renovations, the project was awarded State Historic Grants for the reinstallation of original façade elements.

Years with Firm: 15

Total Year's Experience: 32

#### Education:

B.S./1980 Electrical Engineering Norwich University

M.A./ 1982 Economics University of Oklahoma



## Roger Kopp

**Senior Cost Estimator** 

With over 45 years of construction experience, Mr. Kopp has extensive knowledge in all aspects of the construction industry. He has been responsible for project and program management for education facilities in Palm Beach County and Broward County with a value in excess of \$300M.



Selected Experience:

Years with Firm:

Total Year's Experience:

#### **Education:**

Bachelor of Professional Studies / 1988 Barry University

#### Certifications:

Florida Certified General Contractor (inactive)

Florida State Department of Education Uniform Building Code Inspector (inactive)

United States Army Corps of Engineers — Certified Construction Quality Control System Manager (inactive) Cost Estimating Services, Broward County Public Schools, FL.

Zabik & Associates is currently on continuing contract with Broward Public Schools for cost estimating services (2010-2013). We also held this contract from 2003-2007. We have successfully completed over 160 cost estimating tasks for the Broward School District. Tasks included: review of contract change orders, review and approval of small construction project cost estimates, assistance with CM at Risk bid tab evaluation and new school project estimating. All projects were completed within the assigned times and meeting the requirements of the various project managers. In addition, we assisted with cost estimating efforts related to development of the District's Five Year Capital Plan.

# Cost Estimating Services, The School District of Palm Beach County, FL.

Zabik and Associates was selected in 2004 for continuing contract work with the School District of Palm Beach County. We successfully completed over 2,000 cost estimating tasks for the District. Tasks primarily included: review of contract change orders and assistance with new school and school addition cost estimating evaluation and new school project estimating. All projects were completed within the assigned times. In addition, we assisted with cost estimating efforts related to updates of the District's Five Year Capital Plan.

#### Cost Estimating Services, Town of Lake Clarke Shores, FL.

Zabik & Associates completed cost estimating services and a change order review for the Lake Clarke Shores Police Headquarters renovation project to ensure that change orders were appropriate and priced properly.

# FEMA Cost Estimating Services, The School District of Palm Beach County, FL.

We completed multiple cost estimating task orders in support of the Palm Beach School District's FEMA claim after the 2005 hurricanes. We were successful in establishing standard rates and unit prices for damage to the Districts facilities thus streamlining the FEMA paperwork application process.



## **Executive Vice President**

# Karen M. Meyer, CIH

## **Profile**

Asbestos & Industrial Hygiene Program Management Litigation Support & Special Projects Workplace Evaluation/Employee Exposure Monitoring Indoor Air and Environment Assessments Regulatory Compliance Assessments Environmental Site Liability Assessments

#### **Education**

BS, Biology and Chemistry, University of Miami.

## **Professional Affiliations**

Member, American Industrial Hygiene Association (AIHA) Member, Indoor Air Quality Association (IAQA) Member, U.S. Green Building Council Certification Board Member, American Indoor Air Quality (AmIAQ)



Karen M. Meyer, CIH
Executive Vice President

#### **Certification & Licenses**

Certified Industrial Hygienist (ABIH, 6953)
Florida-Licensed Asbestos Consultant (AX0000033)
Building Inspector, Management Planner, Supervisor –
TSCA Title II/AHERA (Asbestos)
NIOSH 582 Air Sampling and Analysis
Certified Indoor Air Quality Professional (AEE)

Certified Indoor Environmental Consultant (AmIAQ 0701028) Registered Environmental Manager (NREP 10928) OSHA 40-Hour Hazardous Waste Site Supervisor

## **Experience**

Ms. Meyers has over 30 years of diverse experience as an Environmental and Occupational Health Consultant. She specializes in the evaluation of occupational settings, risk assessment to air contaminants and physical hazards, and litigation support. Her field experience at hazardous waste sites, manufactured gas plants, demolition projects, and commercial, residential, and manufacturing facilities provides the foundation for her strong project management skills and her ability to ensure a safe work site through client and contractor relationships, budget planning and analysis, staff management, and project scheduling. Prior to becoming a principal of Eco Advisors, Ms. Meyer worked for the Broward County Public Health Unit in occupational and environmental health, regulatory compliance, food sanitation, and safety inspections.

Her vast knowledge base, attention to detail, ability to satisfy client expectations and superior work performance has earned her expert status in the identification, interpretation, and diagnoses of indoor and occupational environments and community noise at private and municipal locations.

Ms. Meyer is also the Corporate Health and Safety and QA/QC Officer maintaining Eco Advisors' Health and Safety Program and deliverable quality assurance and control.



## Project Manager

#### **Profile**

Indoor Air Quality Studies
Aerobiologist/Microscopy Fungal Analyst
Building Shell Integrity Evaluations
AHERA Asbestos Inspections
Lead-Based Paint Inspections/Risk Assessments
Environmental Site Assessments
Contaminated Site Assessment and Management
Expert Witness

#### **Education**

B.S., General Science – University of Iowa A.A.S., Biology – Iowa Central Community College

## **Memberships & Affiliations**

Member, U.S. Green Building Council
Member, Indoor Air Quality Association
Member, American Industrial Hygiene Association
Member, Lead and Environmental Hazards Association



David Johanson, CIE Project Manager

#### **Certification & Licenses**

Certified Indoor Environmentalist (CIE)
Trained Aerobiologist/Microscopy Fungal Analyst Certified
AHERA Asbestos Building Inspector
Certified U.S. EPA Lead-Based Paint Inspector and Lead Risk
Assessor
Certified Radiation Safety and XRF Device Technician
Florida-Licensed Mold Assessor

Certified Radiation Safety Officer Nuclear Gauge Technician OSHA 40-Hour Hazardous Waste Site Worker Certification OSHA 8-Hour Hazardous Waste Site Supervisor Certification

#### **Experience**

Mr. Johanson has over eighteen years of experience in the Environmental Industry. During that time, he distinguished himself at maintaining client relations for major nationwide accounts, including accounts for chain stores, major bank organizations, local government agencies, and property management firms. Mr. Johanson has conducted numerous commercial and residential new construction framing and building shell integrity inspections as well as final quality control inspections prior to property closing for large home builder clients.

His experience in building inspections has informed his work in environmental hazards (asbestos/lead) and indoor environment evaluations. As a lead risk assessor, he has worked with private housing entities as well as municipalities and school districts to identify lead hazards and assist in their management or remediation. His projects within the last three years include lead surveys and risk assessments at residential complexes, schools and industrial facilities.

Mr. Johanson prides himself on his commitment to client satisfaction and high-quality, scientific results.



## **Owen John Trepanier**



#### CAREER SUMMARY

#### President, Trepanier & Associates, Inc., Key West, FL

2004 to present

Owen is responsible for marketing and project development for this regional land-use planning firm. Provide professional planning assistance and project management to clients for affordable housing, beneficial use, commercial & residential development, comprehensive planning, conditional use approvals, condominium conversions, development plan approvals, FEMA-related issues, historic redevelopment, senior housing, site planning, variances, and zoning changes & ordinance drafting.

#### Associate, The Craig Company, Key West, FL

2003 to 2004

Provided technical planning assistance to company clients for new construction, redevelopment, condominium conversion, affordable housing, subdivisions, comprehensive planning and future land use map changes.

#### Senior Planner, The City of Key West, FL

2000 to 2003

Interpreted and administered land development regulations. Authored technical analysis and recommendation reports for affordable housing, conditional uses, development plans, easements, ROGO beneficial use allocations, transient units & license transfers, subdivisions, vacations of public property, and variances.

#### Community Development Director, Village of Princeville, IL

1998 to 2000

Coordinated development of the Village's Future Land Use Map. Developed a business enhancement loan subsidy program with TIF funds, created a community development assistance program revolving loan fund, and created a volunteer program of 200 individuals. Developed the \$2 million Princeville Heritage Center.

#### Peace Corps Fellow, Western Illinois University, Macomb, IL

1997 to 1999

Collaborated on the writing of community and development program assessment reports. Performed strategic planning and visioning sessions for community planning processes.

#### Peace Corps Volunteer, Nandi District, Kenya

1995 to 1997

Established working relationships between the community, government, nongovernmental organizations and The Peace Corps. Solicited and won grant funds for 50 small-scale reforestation, income generation and education projects.

## Physical Science Lab Technician, US Geological Survey, Denver, CO 1994 to 1995

Collaborated on the development of a paleo-environmental indicator database for Yucca Mountain Nevada Nuclear Repository Site.

#### **EDUCATION**

- Graduate Certificate, Community Development, Western Illinois University, 2002
- Master of Science, Regional Planning & Community Development, Western Illinois University, 2001
- Business Retention & Expansion, Illinois Institute for Rural Affairs, Macomb, Illinois, 1998
- Conflict Resolution, Illinois Institute for Rural Affairs, Macomb, Illinois, 1997
- Certificate, Community Development, CHP International, Naivasha, Kenya 1995
- Bachelor of Science, Geology, University of Colorado, Denver, 1994



## Joaquin E. Vargas, P.E.

Transportation Engineer – Tamarac Office, Broward County, Florida

#### Education

MSCE (Transportation Engineering) – Georgia Institute of Technology, 1987

BSCE - Santo Domingo Institute of Technology (INTEC), 1986

## Registration

Professional Engineer – Florida (PE# 44174), 1991

Professional Traffic Operations Engineer (PTOE# 1262), 2003

## **Experience**

Joaquin Vargas is an accomplished transportation engineer specializing in traffic engineering including traffic operations studies, safety studies, capacity analyses of intersections, arterials, and interchanges, access management, and parking studies. He has provided traffic engineering services to Broward County, the Florida Department of Transportation, and ten (10) South Florida Municipalities.

Between 1996 and 2005, Mr. Vargas continuously served as traffic operations and safety consultant to the Florida Department of Transportation (FDOT). During this period, he conducted over 200 traffic engineering assignments (LOA's) for the FDOT, including the Florida Keys Hurricane Evacuation Study completed in 2001.

#### **Representative Projects**

<u>Central Broward Transit Project:</u> As a subconsultant to Jacobs Engineering, Traf Tech Engineering, Inc. is currently working on the potential station locations associated with Broward County's first light-rail project. The work currently being performed by the firm consists of ensuring that transit stations with park-and-ride lots will function adequately from a traffic standpoint (train interruptions on surface streets will not degrade the traffic flow to unacceptable levels).

<u>Fort Lauderdale New Courthouse and Parking Garage:</u> As a subconsultant to AECOM, Traf Tech Engineering, Inc. was retained by Broward County to evaluate three access options for a new courthouse and parking garage planned to be located on the north side of SE 6<sup>th</sup> Street between South Andrews Avenue and SE 3<sup>rd</sup> Avenue near Downtown Fort Lauderdale.

<u>Florida Department of Transportation:</u> As part of the on-going hurricane evacuation assistance provided by Traf Tech Engineering, the firm developed a

traffic management plan for US 1 through Florida City that reduces backups at the south terminus of Florida's Turnpike during a full evacuation of Monroe County (the Florida Keys). The plan developed by Traf Tech Engineering, Inc. was approved and endorsed by both FDOT – District Six and Florida's Turnpike.

<u>Destin Harbor Parking Master Plan</u>: Mr. Vargas served as project manager on a comprehensive parking study for the Destin harbor area. The study area was approximately one and one-half miles in length by one-half mile in width and included numerous marinas, hotels, restaurants, shopping centers, banks, offices, and specialty retail shops. The master plan consisted of a thorough evaluation of existing conditions, determined the current and future parking needs of the study area, identified and evaluated parking improvement alternatives, and recommended an action plan for the Destin harbor. A parking utilization study, including surveys and turnover data, was performed as part of this study. The Destin Harbor Parking Master Plan project also included an extensive public involvement campaign including numerous public workshops and a public hearing. Mr. Vargas also led the public involvement campaign for this project.

<u>Traffic Consultant for the City of Sunrise</u>: Mr. Vargas currently serves as traffic consultant to the City of Sunrise. In this capacity, he focuses on traffic impacts created by the new proposed projects and site plan reviews. He was instrumental in identifying a parking solution to the current use of the Sawgrass Mills mall parking areas by arena patrons during events and/or hockey games at the Sunrise's Bank Atlantic Center.

<u>Traffic Engineer for the Sistrunk Boulevard Streetscape Project</u>: Mr. Vargas served as traffic engineer on one of Fort Lauderdale's most challenging traffic calming projects. . . Sistrunk Boulevard. This CRA project consisted of reducing the number of through lanes on Sistrunk Boulevard from four to two. Mr. Vargas had the difficult task of ensuring that due to the reduction in vehicular capacity, neighborhood traffic intrusion was not going to be a problem. Several creative traffic engineering tactics were recommended in order to eliminate this political concern.

<u>Traffic Engineering Services for the City of Coral Springs</u>: Mr. Vargas currently serves as traffic consultant to the City of Coral Springs. In this capacity, he focuses on traffic impacts created by the new proposed projects and site plan reviews.

# Years of Experience

#### Education

Master of Civil Engineering, 1990 North Carolina State University B.S. Civil Engineering, 1988 North Carolina State University

## **Professional Registrations**

Professional Engineer, 1996, FL #49897

Professional Engineer, 1994, NC #19813

Professional Engineer, 1999, NV #13818

## **Organizations**

Institute of Transportation Engineers (ITE), Associate Member

# Karl B. Peterson, P.E.

## **Senior Project Manager**

Mr. Peterson offers more than 22 years of engineering experience directing Project Development and Environment (PD&E) studies, corridor planning studies, interchange justification and modification reports (IJR / IMR), traffic impact / concurrency evaluations, and traffic engineering analyses. He has extensive experience in conducting public involvement programs for transportation related projects, serves as city traffic engineer for several south Florida municipalities, and has performed numerous traffic operations and safety studies for the Florida Department of Transportation (FDOT). He has a firm understanding of community issues, assembles and manages strong project teams for large transportation projects, and is well-respected for his ability to communicate with clients, agencies, elected officials, and the public. In addition, Karl has a long track record of delivering successful projects on-time and within budget.

## Planning / Project Development and Environment (PD&E) Studies

Karl has performed and/or supervised all aspects of the PD&E and corridor study process. Key elements of these studies include analyses of transportation / land use relationships, travel demand estimates and forecasts, level of service analyses, benefit-cost comparisons, and financial feasibility studies. His project experience includes studies with significant natural and physical environment

impacts including those to historically significant properties. Karl has also prepared design traffic memorandums, project purpose and need statements, alternatives analyses and has conducted extensive public involvement programs on highly controversial projects.

#### **Municipal Services**

As Project Manager and primary contact for several cities in south Florida, Karl has advised staff and elected officials on issues regarding site planning and design, traffic impacts, access management evaluations, site circulation, land use planning, location and type of landscaping (as it relates to sight distances and safety measures), traffic signal warrant studies, signing and pavement markings, and parking facilities.

#### **Traffic Operations and Safety Studies**

As part of several work-order contracts with Florida Department of Transportation (FDOT) in Districts Four and Six, Karl conducted and/or assisted with the technical analyses of more than 75 traffic operational and safety studies. These studies included crash diagrams and analyses, signal warrant studies, intersection analyses, travel time and delay studies, queuing analyses, and pedestrian safety studies.

#### **Transportation Services for Land Development**

Karl has conducted more than 400 transportation and traffic engineering studies for private land development clients. His services have included traffic impact analyses, concurrency evaluations, developments of regional impact (DRI), parking studies, signal warrant studies, access management evaluations, and concurrency audits. These studies have been conducted throughout Florida, primarily from the Florida Keys to Palm Beach County.

## Infrastructure, Privatization and Finance

Since 1993, Karl has been involved in multiple transportation-related finance studies, including tollroad feasibility analyses, evaluation of managed lanes, privatization studies, benefit-cost analyses, and congestion pricing evaluations. He also performed research and drafted the enabling legislation resulting in the creation of the Miami-Dade County Expressway Authority (MDX).

#### **Airport Planning**

Karl has also been involved in a wide range of airport and aviation related planning activities. These include preparing airport site selection studies, terminal area analyses, and airport master plans. He also has conducted air traffic control tower location studies, environmental assessments, and performed statewide aviation system planning.

#### **Relevant Project Experience:**

New River CSX Railroad Bascule Bridge PD&E Study, Fort Lauderdale, FL, Project Manager. This PD&E Study involved a Scherzer Rolling Lift railroad bridge constructed in 1927 over the South Fork of the New River. This historically eligible bridge was determined to be structurally deficient and the project team evaluated rehabilitation options as well as bascule, rolling lift and vertical lift replacement options. Other options considered included a 40 foot diameter tunnel and a fixed span bridge with 55 feet of vertical clearance. This project involved extensive Section 106 / SHPO coordination as well as regular USCG, marine, and railroad industry involvement.

SR 93 / I-75 & Pembroke Road Interchange PD&E Study, Pembroke Pines / Miramar, FL, Project Manager. The study included the analysis of the mainline adjacent interchanges, and a proposed interchange using CORSIM simulation software to determine the operational characteristics of I-75 with and without the proposed interchange in place. Three alternatives were evaluated as part of the study, including the baseline 'no-build' condition, single point urban interchange and tight diamond interchange alternatives. In addition to the engineering aspects of the project, these alternatives were evaluated with respect to potential environmental impacts resulting from the proposed interchange.

Congress Avenue (SR 807) PD&E Study, Lake Worth, FL; Project Manager. Studied the widening and rehabilitation of Congress Avenue (SR 807) from Lantana Road to 6<sup>th</sup> Avenue South in Palm Beach County, Florida. Both five- and six-lane alternatives were considered along with special treatment and/or additional lanes at major intersections, bridge improvements, widening of the crossroads up to 1,000 feet in each direction where necessary to provide intersection operation at Level of Service (LOS) D or higher, drainage improvements, and the addition of bicycle lanes and sidewalks. The alternatives were considered on left, right, and best fit alignments within the existing right-of-way.

University Drive PD&E Study, Broward / Palm Beach Counties, FL; Traffic Engineering Task Manager. Directed the traffic engineering and planning services to complete the PD&E study for the extension of University Drive in Broward and Palm Beach Counties. Also responsible for completing the Public Involvement Program, assessing community impacts of each proposed alternative, assisting with public involvement activities, completing traffic analyses for each proposed alternative, preparing the Design Traffic Memorandum, and finalizing roadway design for the preferred alternative.

**Turnpike PD&E Study, Palm Beach County, FL; Assistant Project Manager.** PD&E Study to evaluate and document proposed transportation solutions for this segment of the Turnpike Mainline in Palm Beach County, from Atlantic Avenue to the Lantana Toll Plaza. Proposed improvements included capacity enhancements (widening to six lanes) and widening three existing bridges at Atlantic Avenue, Lake Worth Drainage District Canal, and Boynton Canal. This study involved preparation of a State Environmental Impact Report (SEIR).

**NW 107 Avenue AIS and PD&E Study, Miami-Dade County, FL; Task Manager.** Conducted an arterial investment study and PD&E study along one of the most congested transportation facilities in Miami-Dade County. Alternatives considered included enhanced transit services, ITS applications, TDM and TSM strategies and alternative corridors.

**US 1 PD&E Study, Martin County, FL; Project Manager.** Developed roadway expansion concepts and the public involvement program for the US 1 corridor in Martin County. Also directed community involvement efforts, environmental analyses, and agency coordination.

Kings Highway (SR 713) PD&E Study, St. Lucie County, FL; Task Manager. Conducted detailed traffic forecasting and projections for the Kings Highway corridor between State Road 70 (Okeechobee Road) and US 1 for the 2040 horizon year. Developed various roadway alternatives in order to accommodate the future transportation demand.

Sawgrass Expressway / Panther Drive Interchange, Sunrise, FL; Assistant Project Manager. Responsible for overseeing and performing traffic analyses associated with the interchange justification report (IJR); served as the task leader for the preparation of the state environmental impact report (SEIR); conducted the interchange operational analysis reports (IOAR) for the adjacent interchanges and developed the public involvement program.

CR 510 PD&E Study, Indian River County, FL; Task Manager. Provided traffic engineering services and public involvement coordination for the CR 510 PD&E Study. This analysis involved multiple land use scenarios and traffic simulation efforts.

**The District, Boca Raton, FL; Project Manager.** Provided traffic engineering consulting services for this mixed-use redevelopment project in Boca Raton. The impact analysis was performed in accordance with the county traffic performance standards and city land development regulations to assess impacts to the transportation system.

**Lynn University, Boca Raton, FL; Project Manager.** Provides ongoing traffic engineering services in support of various development related project on campus. These studies include traffic concurrency analyses, signal warrant studies, parking analyses and master planning efforts.

Florida Atlantic University Football Stadium Traffic Analysis, Boca Raton, FL; Project Manager. Conducted the traffic analysis for the 30,000 seat football stadium that opened in fall 2011. This analysis evaluated the entering and exiting traffic and prepared a traffic simulation analysis to evaluate the traffic operations within the study area.

**Bank of America Plaza, Boca Raton, FL; Project Manager.** Traffic analysis for the Bank of America Plaza retail development located on Federal Highway in Boca Raton. This involved a traffic concurrency evaluation as well as an access classification study.

**Key West International Airport, Key West, FL; Project Manager.** Traffic impact analysis to address the roadway impacts associated with the proposed airside and landside expansion of the Key West International Airport.

**Traffic Impacts Studies, Monroe County, FL; Project Manager.** Conducted more than 100 traffic impact studies throughout the Florida Keys for retail, office, residential, municipal, entertainment, and lodging facilities.

Growth Management General Consulting Contract, Fort Lauderdale, FL; Project Manager. Provided professional planning services to FDOT District Four on a task work order basis. Areas of planning assistance included review of Local Government Comprehensive Plan Amendments, transportation corridor analyses, level of service and transit mitigation plans, review of development plans and proposals, and assistance with transit, bikeway and pedestrian infrastructure needs.

**Traffic Engineering Services, Sunrise, FL; Project Manager.** Serves as the traffic engineering consultant to the City of Sunrise in Broward County, Florida. In this role, he reviews applications for new development projects within the City. These reviews focus on the layout of the proposed site plans, access issues, internal site circulation, sight distances, and traffic impacts.

**Traffic Engineering Services, Tamarac, FL; Project Manager.** Serves as the traffic engineering consultant to the City of Tamarac in Broward County, Florida. In this capacity, he reviews applications for site plan development, traffic impact studies, parking studies, and project access.

SR 25 / US 27 Action Plan, Broward County, Florida; Project Manager. Developed a long range plan for the preservation and implementation of mobility strategies within the US 27 corridor in southern Broward County.

**US 1 (SR 5) Alternative Corridors Study, Martin County, FL; Project Manager.** Performed an area wide analysis of alternative corridors and transportation modes within the rapidly growing Treasure Coast Region of Florida. Project included and extensive origin and destination study and public involvement program.

City of Coral Springs Traffic Engineering Services, Coral Springs, FL; Project Manager. Karl has served as the traffic engineering consultant to the City of Coral Springs in Broward County, Florida. In this role, his reviews focused on applications for new development projects within the City. These reviews focused on site plan layouts, project access, internal site circulation, traffic impacts, and parking. The project team also provided advice to the City regarding traffic operations, safety and traffic calming issues within the City.

**FDOT District Six Traffic Operations and Safety Studies, Miami, FL; Task Manager / Quality Control Officer.**Assisted with and reviewed more than 50 traffic operations and safety studies. Studies included crash analyses, signal warrant studies, intersection analyses, delay studies, queuing analyses and pedestrian studies.

**US 168 Corridor Tollroad Feasibility Study, Chesapeake, VA; Project Manager / Task Manager.** Conducted financial feasibility study for the implementation of a toll road in Chesapeake, Virginia. This involved development of traffic volumes, construction and operating and maintenance costs, projection of toll revenues, and identification of alternative funding sources.

**US 17 Bypass Corridor Study, Washington, NC; Task Manager.** Developed traffic forecasts for a 20-year period on the US 17 corridor in eastern North Carolina. Also prepared roadway concepts for design consideration.

**North Broward Preparatory School, Signal Warrant Study, Broward County, FL; Project Manager.** Performed traffic analyses and signal warrant study in accordance with the Manual on Uniform Traffic Control Devices (MUTCD) for the school's primary entrance on Lyons Road.

Pine Crest Schools, Boca Raton and Fort Lauderdale, FL; Project Manager. Provided traffic engineering services in support of their capital improvement programs. These services included parking evaluations, queuing (drop-off and pick-up) analyses, on site circulation, and project access.



## Statement of Qualifications City of Key West - RFQ #13-001 SOLARIA Design & Consulting Co. + REG Architects 925 Truman Ave. Key West, FL 33040 305-296-8885



## Section 13 – Affidavit & Certification

## ANTI-KICKBACK AFFIDAVIT

STATE OF FLORIDA )	
: SS	
COUNTY OF MONROE )	
	and say that no portion of the sum herein RFQ will by West as a commission, kickback, reward or gift, any firm or by an officer of the corporation.  By: A BA
Sworn and subscribed before me this	
day of NOV, 20 And a NOTARY PUBLIC, State of Florida at Large	
My Commission Expires: 1-13-15	
KERRY S. HADAS Notary Public - State of Florida My Comm. Expires Jan 13, 2015 Commission # EE 50833 Bonded Through National Notary Assn.	

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

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

1. This	s sworn statement is submitt	ed with KFQ, KFQ or	Contract N	O. KFOL	No. 13-001	_ ior
A	RCHITECTURAL	SERVICES:	KEY	WEST	CITY HALL	

2. This sworn statement is submitted by SOLARIA DESIGN & CONSULTING CO.

(Name of entity submitting sworn statement)

whose business address is 3000 OVERSEAS INWY, MARATHON FL 33050 \$ 925 TRUMAN AVE., KEY WEST, FL 33040 and (if applicable) its Federal Employer Identification Number (FEIN) is 26-4267384 (If the entity has no FEIN, include the Social Security Number of the individual signing this sworn statement.)

3. My name is DENNIS A BEEBE and my relationship to (Please print name of individual signing)

the entity named above is VICE PRESIDENT, DIRECTOR OF ARCHITECTURE

- 4. I understand that a "public entity crime" as defined in Paragraph 287.133(1)(g), Florida Statutes, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or with the United States, including but not limited to, any RFQ or contract for goods or services to be provided to any public entity or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, material misrepresentation.
- 5. I understand that "convicted" or "conviction" as defined in Paragraph 287.133(I)(b), Florida Statutes, means a finding of guilt or a conviction of a public entity crime, with or without an adjudication guilt, in any federal or state trial court of record relating to charges brought by indictment information after July 1, 1989, as a result of a jury verdict, nonjury trial, or entry of a plea of guilty or nolo contendere.
- 6. I understand that an "affiliate" as defined in Paragraph 287.133(1)(a), Florida Statutes, means
  - 1. A predecessor or successor of a person convicted of a public entity crime: or
  - 2. An entity under the control of any natural person who is active in the management of t entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.
- 7. I understand that a "person" as defined in Paragraph 287.133(1)(8), Florida Statutes, means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which RFQs or applies to RFQ on contracts for the provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.

submitting this sworn statement. (Please indicate which statement applies.)
Neither the entity submitting this sworn statement, nor any officers, directors, executives, partners, shareholders, employees, members, or agents who are active in management of the entity, nor any affiliate of the entity have been charged with and convicted of a public entity crime subsequent to July 1, 1989.
The entity submitting this sworn statement, or one or more of the officers, directors, executives, partners, shareholders, employees, members, or agents who are active in management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989, AND (Please indicate which additional statement applies.)
There has been a proceeding concerning the conviction before a hearing of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer did not place the person or affiliate on the convicted vendor list. (Please attach a copy of the final order.)
The person or affiliate was placed on the convicted vendor list. Them has been a subsequent proceeding before a hearing officer of the Sate of Florida, Division of Administrative Hearings. The final order entered by the hearing officer determined that it was in the public interest to remove the person or affiliate from the convicted vendor list. (Please attach a copy of the final order.)
The person or affiliate has not been put on the convicted vendor list. (Please describe any action taken by or pending with the Department of General Services.)  (Signature)
(Date)
STATE OF Florida
COUNTY OF MONTOL.
Dennis Beebe.
PERSONALLY APPEARED BEFORE ME, the undersigned authority,
Dennis Beelse who, after first being sworn by me, affixed his/her signature in the (Name of individual signing)
space provided above on this 27th day of November , 2018.
My commission expires: 1-13-15  NOTARY PUBLIC  My commission expires: 1-13-15
KERRY S. HADAS  Notary Public - State of Florida  My Comm. Expires Jan 13, 2015  Commission # EE 50833  Bonded Through National Notary Assn.

### EQUAL BENEFITS FOR DOMESTIC PARTNERS AFFIDAVIT

STATE OF FLORIDA	) : SS					
COUNTY OF MONTOL.	)					
I, the undersigned hereby duly sworn, depose and say that the firm of Salaria Design a provides/offers benefits to domestic partners of its employees on the same basis as it provides benefits to employees' spouses per City of Key West Ordinance Sec. 2-799.						
	By: DiA. Blue					
Sworn and subscribed before me this						
day of NOV NOTARY PUBLIC, State of Florida						
My Commission Expires: $1-13$						
Notary Public - State of Florida My Comm. Expires Jan 13, 201 Commission # EE 50833 Bonded Through National Notary Ass	15					



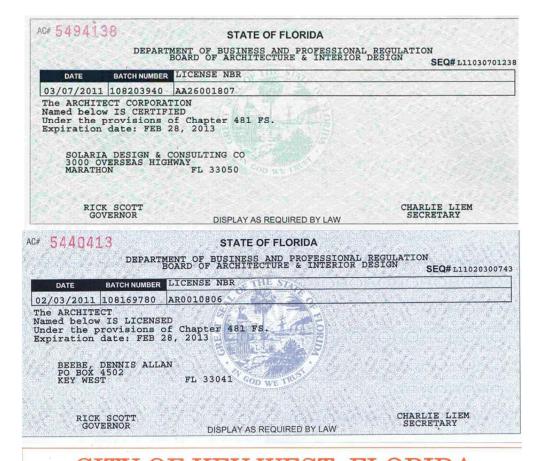


Section 14 – Licenses





#### Licenses 14.



#### **Business Tax Receipt**

This Document is a business tax receipt Holder must meet all City zoning and use provisions. P.O. Box 1409, Key West, Florida 33040 (305) 809-3955

SOLARIA DESIGN & CONSULTING CO CtlNbr:0005266 925 TRUMAN AVE Location Addr 13-00009460 SERVICE - PROFESSIONAL Lic NBR/Class Issue Date: September 05, 2012 Expiration Date: September 30, 2013 License Fee \$309.75 Add. Charges \$0.00 Penalty \$0.00 \$309.75 Total Comments: ARCHITECT, P.A.

This document must be prominently displayed. BEEBE, DENNIS A.

SOLARIA DESIGN & CONSULTING CO 3000 OVERSEAS HWY

MARATHON FL 33050

Business Name

Uner: CMOLKER Type: OC Drawer: 1 Oate: 9/10/12 54 Receipt no: 107210 2013 9460 UR LIC OCCUPATIO 1 \$309.75 Trangrade: 9/10/12/277 Time: 9/41/50







Pourd of Professional Engineers

Solaria Design & Consulting Co

Is authorized under the provisions of Section 471,023, Florida Statutes, to offer engineering services to the public through a Professional Engineer, and licensed under Chapter 471, Florida Statutes.

#### Certificate of Authorization

**EXPIRATION: 2/28/2013** AUDIT NO: 228201304052 CA. LIC. NO:

28784

state of Florida Pourd of Professional Engineers

Steven Scott Grasley, P.E.

IS LICENSED AS A PROFESSIONAL ENGINEER UNDER CHAPTER 471, FLORIDA STATUTES P.E. LIC. NO:

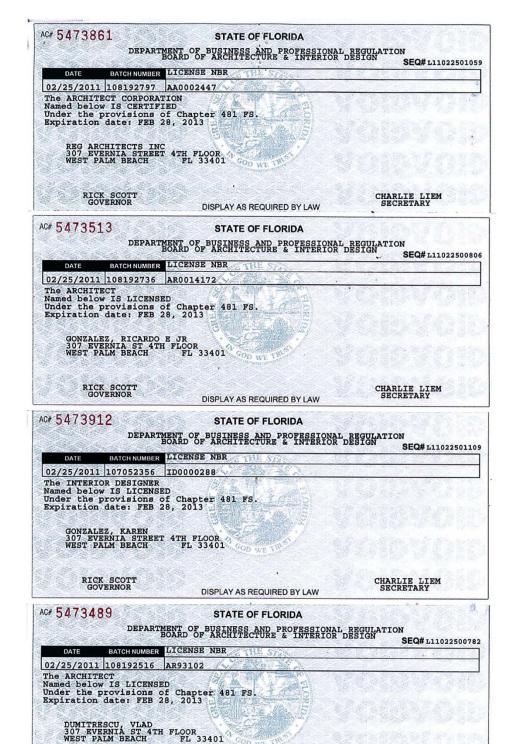
**EXPIRATION: 2/28/2013** 

AUDIT NO: 228201330820 I

73110







DISPLAY AS REQUIRED BY LAW

CHARLIE LIEM SECRETARY

# AC# 5742297

#### STATE OF FLORIDA

DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION ASBESTOS LICENSING UNIT

SEQ#L11091300409

BATCH NUMBER LICENSE NBR

09/13/2011 080394208 ZA444

The ASBESTOS BUSINESS ORGANIZATION Named below IS LICENSED Under the provisions of Chapter 469 FS. Expiration date: NOV 30, 2013

ECO ADVISORS LLC KAREN M MEYER 3931 RCA BLVD SUITE 3204 PALM BEACH GARDENS FL 33410

RICK SCOTT GOVERNOR

DISPLAY AS REQUIRED BY LAW

KEN LAWSON SECRETARY

Pourd of Professional Engineers

Is authorized under the provisions of Section 77.0 ... torida Statutes, to offer engineering services to the public through a Professional Engineer any licensed under Chapter 471, Florida Statutes.

Certificate of Authorization

**EXPIRATION: 2/28/2013** AUDIT NO: 228201303567

CA. LIC. NO: 28480

## United States Environmental Protection Agency

This is to certify that

Eco Advisors, LLC

has fulfilled the requirements of the Toxie Substances Control Act (TSCA) Section 402(a)(1), and has received certification to conduct lead-based paint activities pursuant to 40 CFR Part 745:226.

This certification is valid from the date of issuance and expires April 1, 2012

FL-17993-1

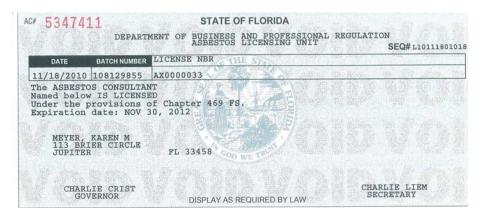
Certification#

Issued On



Seaneanne M. Gettle, Chie

Pesticides and Toxic Substances Branch





organized to improve the practice of industrial hygiene proclaims that

### Karen M. Meyer

having met all requirements through education, experience and examination, is hereby certified in the

COMPREHENSIVE PRACTICE of INDUSTRIAL HYGIENE

and has the right to use the designations

CERTIFIED INDUSTRIAL HYGIENIST

CIH

Certificate Number: 6953 CP

warded: De

December 4, 1995

piration Date: June 1, 2012

Chairman ABIH

Lynn C. O'Amnell Executive Director ABIH

# United States Environmental Protection Agency This is to certify that

David C. Johanson

has fulfilled the requirements of the Toxic Substances Control Act (TSCA) Section 402, and has received certification to conduct leadbased point activities pursuant to 40 CFF Part 745 226 as a:

Risk Assessor

In the Jurisdiction of:

Florida

This certification is valid from the date of issuance and expires August 17, 2013

FL-R-412-1

Certification (

AUG 1 2 2010

Ironad On

Jeaneanne M. Gettle, Chief

Pesticides and Toxic Substances Branch

STATE OF FLORIDA

DEPARTMENT OF BUSINESS AND PROPESSIONAL REGULATION

MOLD RELATED SERVICES LICENSING PROGRAM SEQ#L11012600852

OXTE BAICHNUMBER LICENSE NER

01/26/2011 | 100311827 | MRSA335

The MOLD ASSESSOR Named below IS CERTIFIED
Under the provisione of Chapter 468 FS.

Expiration date: UUL 31, 2012

JOHANSON, DAVID CLAIR
7065 MIDDLEBURY DRIVE
BOYNTON BEACH FL 33436

RICK SCOTT
GOVERNOR DISPLAY AS REQUIRED BY LAW SECRETARY







Section 15 – Addendum



#### THE CITY OF KEY WEST

3140 Flagler Ave Key West, Florida 33040

#### ADDENDUM 1: RFQ #13-001: ARCHITECTURAL SERVICES: KEY WEST CITY HALL October 31, 2012

This addendum is issued as supplemental information to the bid package for clarification of certain matters of a general nature. The referenced bid package is hereby addended in accordance with the following items:

- 1. The informational page on DemandStar by Onvia at www.demandstar.com/supplier incorrectly identifies a pre-submission meeting on November 1, 2012.
- 2. The pre-submission meetings are correctly identified in the RFQ document and are scheduled for November 14 or 27, 2012 at 4:30 PM at Glynn Archer School, 1302 White Street, Key West, FL 33040 .Respondents will be required to attend one (1) of the two (2) mandatory pre-submission meetings in order to submit a response to this RFQ.

All Proposers shall acknowledge receipt and acceptance of this Addendum No. 1 by submitting the addendum with their proposal. Proposals submitted without acknowledgement or without this Addendum may be considered non-responsive.

SOLARIA Design & Consulting Co.

Signature Name of Business