

Architectural/Engineering Proposal for

The City of Key West City Hall at Glynn Archer School



RFQ-13-001
December 12, 2012

Submitted by:

Bert L. Bender
Bender & Associates ARCHITECTS p.a.
410 Angela Street • Key West, FL 33040 305/296-1347



Bender & Associates
ARCHITECTS p.a.

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December 10, 2012

Ms. Cheryl Smith, MMC, CPM
City Clerk
City of Key West 3126 Flagler Avenue
Key West, FL 33040

RE: REF#13-001: Architectural Services, Key West City Hall

Dear Cheri,

We are pleased to respond to your request for qualifications for architectural services for the design of Key West City Hall at the historic Glynn Archer School. Bender & Associates Architects is a full service architectural firm, based in Key West, with a specialty in historic preservation. We have extensive experience on similar projects throughout the State of Florida, in Arizona, and Montana. We have provided preservation consulting services for two projects in Washington, D.C.; the historic cupola at Walter Reed Memorial Hospital and the exterior envelope restoration of the Embassy of Cameroon. Our work locally is well known. Bender & Associates Architects was the Architect for the historic Gato Cigar Factory, the Key West Custom House, the Key West Lighthouse restoration, the Key West Lightstation and Keeper's Quarters, Wesley House at the Ley Memorial Church, and the Fort Zachary Taylor Historic Preservation Master plan.

Structural stabilization of historic buildings is an important aspect of our work. This includes the use of modern reinforcement as you have determined will be used at Glynn Archer. We designed a structural steel reinforcement system, similar to that required at Glynn Archer for the walls of the Golden Gate Building in Stuart, Florida. That system utilized structural steel studs anchored to the terracotta and concrete walls. Please see Bender & Associates Representative Projects, Golden Gate Building.

The City of Key West desperately needs modern up to date office space. The decision to rehabilitate Glynn Archer as City Hall is significant on several fronts. This community takes great pride in its heritage. Schools in general and Glynn Archer Elementary in particular, along with churches and other public buildings form the fabric and identity of the community. Restoring Glynn Archer will reinforce that fabric. The location is ideal in that it bridges the Old Town and New Town communities. White Street from Eaton to the White Street pier is a significant commercial, residential and arts corridor. The new City Hall at Glynn Archer will compliment this trend and add to the vitality of the area. In addition to the rehabilitation of the buildings, site improvements, including parking and landscaping, will benefit the immediate residential neighborhood through beautification and the addition of afterhours parking, all of which will lead to increased property values. Most significantly, the City will acquire a modern up to date municipal office facility in a building that has local significance and the appropriate image for the Key West City Hall.

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blbender@bellsouth.net
Florida License AAC002022
www.BenderArchitects.com

Bender & Associates Architects and Bert Bender are uniquely qualified for this particular project. The firm prepared an assessment of Glynn Archer that was instrumental in moving this acquisition forward to a referendum. As part of this process, Bert Bender met with the immediate neighbors and concerned citizens throughout the community to address their concerns. We have a unique understanding of the issues that are of concern to the community, allowing us to provide a design that unifies the community. We recognize that this is a unique project that will require the talents and skills of multiple disciplines. In order to accomplish the stated goals, we have assembled a team of expert professionals with a strong local presence and Key West ties that can best address the needs of the City of Key West.

PRIME & HISTORIC PRESERVATION SPECIALTY ARCHITECT/PROJECT MANAGER

Bender & Associates, Architects, P.A., Bert Bender, LEED AP; David Salay, LEED AP; Haven Burkee, LEED AP
410 Angela Street, Key West, Florida 33040, 305-296-1347 phone, 305-296-2727 fax
www.benderarchitects.com e-mail: blbender@bellsouth.net

ASSOCIATED ARCHITECT

MC Harry Associates, James Piersol, LEED AP; Thomas Carlson, LEED AP; Javier Torres, LEED AP; Lourdes Solera, LEED AP; Maria Guilem-Pendas, 2780 S.W. Douglas Road, Ste. 302, Miami, FL 33133, 305-445-3765 phone, 305-446-9805 fax
www.mcharry.com e-mail: jpiersol@mcharry.com

LANDSCAPE ARCHITECT

Keith Oropeza, ASLA / E Sciences, 34 East Pine Street, Orlando, FL 32801 407/481-9006 Telephone
407/481-9627 Fax www.esciencesinc.com e-mail: koropeza@esciencesinc.com

PLANNING CONSULTANT

Donna Bosold, 720 Eaton Street, Key West, FL 33040, 305-942-1064
e-mail: donna.bosold@att.net

CIVIL ENGINEERING

Perez Engineering & Development, Inc., Allen Perez, Ryan McLean, 1010 Kennedy Drive, Suite 400
Key West, FL 33040, 305-293-9440 phone, 305-296-0243 fax
www.perezeng.com e-mail: perezengineering@bellsouth.net

STRUCTURAL ENGINEERING

Atlantic Engineering, Inc., Mark Keister, Laney Stoddard, LEED AP; 6501 Arlington Expressway, Bldg. B,
Suite 201, Jacksonville, FL 32211, 904-743-4633 x102 phone, 904-725-9295 fax
www.aespi.com email: jax@aespi.com

MECHANICAL, ELECTRICAL, PLUMBING AND FIRE PROTECTION ENGINEERING

HNGS Engineers, (Hufsey Nicolaides Garcia Suarez Assoc., Inc.), Enrique Suarez, Jr. Anthony Schulz, Michael Fossler, LEED AP; Louis Paulino, LEED AP; Edwin Cerna, LEED AP; 4800 SW 74th Court, Miami, FL 33155

305-270-9935 phone, 305-665-5891 fax

www.hngsengineers.com

e-mail: hngs@hngsengineers.com

SURVEYING

Island Surveying , Fred H. Hildebrandt, 3150 Northside Dr., Suite 101, Key West, FL 33040

305-293-0466 phone, 305-293-0237 fax

www.islandsurveyinginckw.com

e-mail: fhildeb1@bellsouth.net

INTERIOR DESIGN

Patricia Baldus, 708 William Street, Key West, FL 33040, 305-890-6176 phone,

e-mail: leafmodern@msn.com

MC Harry Associates

Bender & Associates Architects, P.A.

CONSTRUCTION MANAGEMENT & COST ESTIMATING

Biltmore Construction, Richard Parker, Barry Cercone, Travis Parker, LEED AP, 1055 Ponce de Leon Blvd, Belleair, FL 33756, 727-585-2084 phone

www.biltmonstruction.com

e-mail: www.biltmoreconstruction.com/contact

ENVIRONMENTAL ASSESSMENT

EE&G Environmental Services, LLC, Jay Sall, Daniel Cottrell, Mark Skweres, Richard Grupenhoff, Hiram Aguiar, 5751 Miami Lakes Drive, Miami, Lakes, FL 33014, 305-374-8300 phone, 305-374-9004 fax

www.eeandg.com

e-mail: rgrupenhoff@eeandg.com

LEED, SUSTAINABLE DESIGN

Bender & Associates Architects, P.A., Bert Bender, LEED AP; David Salay, LEED AP; Haven Burkee, LEED AP;

MC Harry Associates, James Piersol, LEED AP; Thomas Carlson, LEED AP; Javier Torres, LEED AP; Lourdes Solera, LEED AP

Atlantic Engineering, Inc., Laney Stoddard, LEED AP

HNGS Engineers, Edwin Cerna, LEED AP; Michael Fossler, LEED AP; Louis Paulino, LEED AP

Biltmore Construction, Travis Parker, LEED AP

E Sciences, Keith Oropeza, ASLA

COMMISSIONING AGENT for LEED CERTIFICATION

TLC Engineering for Architecture, Donald Austin, Jr., LEED AP, CxA, OPMP; Jose Lara Gomez, LEED AP, 5757 Blue Lagoon Drive #400, Miami, FL 33126, www.tlc-engineers.com<<http://www.tlc-engineers.com>

e-mail: Jose.lara@tlc-eng.com<<mailto:Jose.lara@tlc-eng.com>

e-mail: Donald.austin@tlc-eng.com<<mailto:Donald.austin@tlc-eng.com>

ACOUSTICS & COMMUNICATIONS TECHNOLOGIES CONSULTANT/DEFENSIBLE SPACE DESIGN

Kinsella-Marsh Group, Inc./Ferguson Consulting, David Marsh, Gary Kinsella, David Stearns, Timothy Lindstrom, Lecette Ferguson, 4045 Sheridan Avenue, #420

Miami Beach, FL 33140, 305-868-1531 phone, 305-868-1683 Fax

www.kinsella-marsh.com e-mail: david.marsh@kinsella-marsh.com

TRAFFIC ENGINEER

Traf Tech Engineering, Inc., Karl Peterson, Joaquin Vargas, 8400 North University Drive, Suite 309,

Tamarac, FL 33321, 954-582-0988 phone, 954-582-0989 fax

e-mail: karl@traftech.biz

In combination, we have the ability to meet all of the requirements of the Request for Qualifications. Our proposal will clearly demonstrate that the Bender & Associates Architects team has the expertise and relevant experience in the following areas of architectural design:

- Multi use office, government and public buildings
- Historic Preservation and restoration
- Adaptation and conversion of historic office, municipal, educational and cultural structures to new uses
- Defensible/Safe Space Design
- Ecological and Environmental Design in accordance with section 255,2575(2), Florida Statute (Green Buildings/Construction)
- Cost estimating for conversion of historical structure of similar size and scope

This is an extensive team of expert professionals that have worked with Bender & Associates Architects on a number of significant projects. I believe that our combined talent is the best available and the right group for this significant effort.

The following sections outline our specific qualifications in detail.

I look forward to the opportunity of working with City Staff on this project.

Sincerely,



Bert L. Bender, Architect

BLB/ddk

EXPERIENCE & QUALIFICATIONS, COMPANY PROFILES

- **Past work experience with emphasis on work that involves rehabilitation, adaptation, and conversion of historic structures to new uses.**

Bender & Associates Architects is a recognized expert in the field of architecture, and in particular the discipline of historic preservation, restoration, and the adaptive re-use of significant historic resources. We have been involved with historic preservation since the firm was established in 1975 in Flagstaff, Arizona. Ten years later, in July 1985, the firm relocated to Key West where our headquarters are still located. Now in our 38th year, **Bender & Associates Architects** continues to thrive with a portfolio of work throughout the State of Florida. Our reputation has brought us commissions in Arizona, Montana, Indiana, Washington, D.C., and numerous municipalities throughout Florida, including Gainesville, New Smyrna Beach, Wilbur-By-the-Sea, Stuart, Jensen Beach, Boynton Beach, Jupiter, Key Biscayne and Miami Beach. Our work in Key West on significant adaptive reuse and preservation projects is well known. **Bender & Associates Architects** was the Architect for the **Gato Cigar Factory**, adaptive reuse for Monroe County government and State of Florida Department of Health offices / the **Key West Custom House Restoration**, adaptive reuse as the Key West Art & Historical Society's offices and Museum of Art & History / The **Key West Light House and Keeper's Quarters** restoration and adaptive reuse as a museum and gift shop / and the **Wesley House at Ley Memorial**, an adaptive reuse of the historic Ley Memorial Church for the executive offices of the Wesley House. Our adaptive reuse work throughout Florida includes buildings that have both State and local significance. Among those projects are the **Historic Gainesville Depot**, dating from 1860 with significant additions through 1926 has several adaptive uses; a fine dining restaurant, a café, office space for park personnel, and a multi use community space/interpretive museum space. The **Depot Building** is the signature element for Depot Park and also has restrooms that serve park patrons. Other relevant work includes the **Mansion at Tuckahoe, aka, The Leach Mansion**, an adaptive reuse of a Depression Era mansion for use as a venue for conventions, meetings, weddings and similar social events / the **World War II Barracks Building** in Jupiter, an adaptive reuse for the Lighthouse Museum gift shop and offices, and the Coast Guard Auxiliary. The projects listed above are a few representative projects that involve rehabilitation, adaptation and conversion of historic structures to new uses. Please note that additional projects and more detailed descriptions of the above projects are located in the Project Profiles section of this RFQ.

- **Specialized experience and technical competence of the firm in the discipline of architecture and the experience and technical competence of the required subconsultants.**

We have partnered with highly qualified consultants that bring additional experience and architectural support to the Bender & Associates team.

MC Harry Associates is a 26 person architecture firm based in Coral Gables. They have extensive experience designing new municipal office space, as well as experience with historic preservation. MC

Harry services include LEED/sustainable design and interior design as well as architecture. The combined experience of our firms ensures that the City of Key West will receive a modern office facility that meets the preservation goals of the project. Additionally, our combined staffing guarantees that we have the ability to perform the services expeditiously at the request of the City.

MC Harry Architects projects include the restoration and adaptive reuse of the **1926 Fire Station No. 2** to offices for the Miami CRA, accommodations for a City Police substation and retail space on the first floor / **Historic Dade County Courthouse** exterior, lobby and courtroom restoration. **MC Harry Associates** also has extensive experience with government centers and town halls including: The **Town of Miami Lakes Government Center / North Palm Beach County Government Center / Lauderdale Lakes City Hall Complex / Village of Palmetto Bay Village Hall Complex / Village of Islamorada Municipal Center**. **MC Harry Associates** also has extensive experience with auditorium renovations and community centers. Their company profile follows this section and detailed descriptions of the above projects are located in the Project Profiles section of this RFQ.

Landscape architecture services will be provided by **Keith Oropeza, ASLA / E Sciences, Landscape Architect**. Keith's family heritage extends back through four generations of Conchs and has extended family here in Key West. He is licensed as a landscape architect in four states; Florida, Pennsylvania, Illinois and Texas. He has 30 years of experience with a diverse background in designing landscapes for a variety of project types, including historic landscapes. His experience includes the **historic Vizcaya Museum and Gardens in Miami / the historic Orlando Catholic Diocese / and historic Norment Perry Inn** in Orlando. Detailed descriptions of the above projects are located in the Project Profiles section of this RFQ. Most significantly, **Keith Oropeza** has family roots steeped in Key West history and cares deeply about his family's home town and the success of this project, an important part of his heritage.

Planning services will be provided by **Donna Bosold, AICP**, of Key West. Donna has lived and worked in the Florida Keys for over 25 years, with experience in varied disciplines encompassing public, private and non-profit business sectors. She is well versed in the City of Key West Land Development Regulations and will guide the planning process, serving as our liaison for coordination with the Key West Planning office. Donna has worked with **Bender & Associates Architects** on several projects, most recently Pritam Singh's Harborside Hotel at the Key West Bight. **Donna Bosold, AICP**, and Bert Bender currently serve together on Monroe County's Historic Preservation Commission. Her participation on this project will ensure that the major development review process and any related variance applications move forward in an efficient, professional manner. She will be our team's primary contact with Key West Planning staff.

Civil Engineering Services will be provided by **Perez Engineering and Development**. Allen Perez was born and raised in Key West, returning in 1999 to establish his office here. **Perez Engineering and Development** is among the most knowledgeable Civil Engineers for civil engineering issues in Monroe County. They have the ability and expertise necessary to comply with all aspects of design and permitting. **Perez Engineering and Development** has a long term relationship with **Bender & Associates**, dating to the establishment of their firm here in Key West. They worked with us on the **historic Gato**

Building and are currently working with us on the new **Transmission and Distribution Building on Stock Island for Keys Energy Services**.

Structural Engineering services will be provided by **Atlantic Engineering Services, Inc.** We have worked with **A.E.S.** since 1991. They have been our structural engineer on all of our preservation projects. Some of those include the **Key West Custom House / The Gato Building / Cape Florida Lighthouse / Jupiter Light House / the Leach Mansion** in Stuart / The historic **Gainesville Depot** /and the **Golden Gate Building** in Stuart. They have extensive experience with other firms on projects that are similar to the Glynn Archer School rehabilitation. **Atlantic Engineering** was the structural engineer for the historic **1888 Alcazar Hotel conversion to St. Augustine City Hall / the Allegheny County Jail Restoration & Adaptive Reuse** /and the historic **1880 Casa Monica Hotel**. Detailed descriptions of these projects are located in sections that follow.

HNGS Engineers has provided **mechanical, electrical, plumbing and fire protection engineering services** to Bender & Associates for over 10 years. They worked with us on the **Gainesville Depot / Leach Mansion / World War II Barracks Building** and currently on the **Keys Energy T&D Building**.

Our **Surveyor** is **Fred Hildebrandt of Island Surveying**. Fred is a long term Keys resident and has prepared numerous surveys throughout the Florida Keys. He prepared the current Glynn Archer survey.

Interior design services will be provided by Key West based designer **Patricia Baldus, ASID**, in association with **Bender & Associates** and **MC Harry Associates**. It is our opinion that this arrangement will best serve the needs of the project. Patricia has worked with us on several projects; she is Key West based and has extensive experience designing commercial and office interiors. The Lutheran Foundation; LH Carbide Corporation; Club Soda Restaurant, Indianapolis IN; Kachmann Mind Body Yoga Institution, Lutheran Hospital, Fort Wayne IN; and Spa al Mare, Casa Marina Resort Hotel, Key West FL, are among her projects that are relevant to this effort. She will work directly with City Staff to ensure that your needs are met. The full services interiors division of **MC Harry Associates** guarantees full staffing of the project as well as modern up to date municipal office interiors.

Construction management is a significant tool for providing on budget project delivery, and while construction management is not a specific part of this RFQ, **cost estimating** is. **Biltmore Construction** is currently working with **Bender & Associates** on the Keys Energy T&D Building. We have a strong positive working relationship. **Biltmore Construction** has worked on several projects in the Keys and has a strong working knowledge of the Keys construction industry. Bert Bender has been involved in projects that utilized the construction management delivery system since 1972 (The Motorola office building in Phoenix, Arizona) and strongly believes in the construction management concept which includes value engineering during design. It is our belief that by including **Biltmore Construction** for cost estimating, the City will be ensured accurate estimates for all design options that will be evaluated. Additionally, they will be able to assist us during our own internal value engineering sessions, a standard practice at **Bender & Associates**. **Biltmore Construction** offers an extensive resume of historical restoration and renovation experience, as well as municipal facilities such as the **Islamorada Administrative Center** and

Public Safety Headquarters that services as the Village's City Hall / **City of Marathon's Joint-Use Fire Station and EOC** / **City of Seminole's Public Works Administration &EOC and Public Works Operations Building** / **City of Largo's Centralized Data Center** / **City of Clearwater Main Fire Station and Administration Center**/ **City of Largo Public Library Complex** / **City of St. Petersburg West Library** / **City of Safety Harbor Library Renovations &Addition.**

Biltmore's historical renovation experience also includes the renovation, restoration and historic preservation and adaptive reuse for the **Episcopal Church of the Ascension** / **Stetson University College of Law** / the historic renovation of the 100+ year old **Bellevue Biltmore Resort** / the **Clearwater Beach Hotel** / **Safety Harbor Spa** / **Ybor City State Museum**, the **Seminole Theatre in Homestead** / the **Palladium Theater** and **St. Mary's Church** in St. Petersburg / **Jennie Murphree Hall** at Florida State University.

EE&G Environmental Services has worked with **Bender & Associates** for over 20 years. They provided the initial assessment for the Glynn Archer School, and will continue with any additional environmental assessment and/or mitigation.

All of the following members identified for LEED, sustainable design are **LEED accredited professionals**. The primary design firms are listed under individual disciplines, and those team member resumes are included under personnel. They are:

Bender & Associates Architects, P.A.

Bert Bender, LEED AP; David Salay, LEED AP; Haven Burkee, LEED AP;

MC Harry Associates

James Piersol, LEED AP; Thomas Carlson, LEED AP; Javier Torres, LEED AP; Lourdes Solera, LEED AP

Atlantic Engineering, Inc.

Laney Stoddard, LEED AP

HNGS Engineers

Edwin Cerna, LEED AP; Michael Fossler, LEED AP; Louis Paulino, LEED AP

Biltmore Construction

Travis Parker, LEED AP

LEED certification requires that an independent third party be utilized for commissioning. Our commissioning agent will be Donald Austin, Jr., LEED AP, CxA, OPMP and Jose Lara Gomez, LEED AP, of **TLC Engineering for Architecture**. A company profile for TLC follows this section.

Defensible/safe space design is an important part of this project. Additionally, it is our strong belief that the project will benefit from an acoustics and communications technology expert. To this end, our team includes the consulting services of **Kinsella-Marsh Group, Inc./Ferguson Consulting**, experts in acoustics and communications technologies, defensible/safe space design. It is our belief that the auditorium design incorporate the best available up to date acoustic design features, and that **Kinsella-Marsh**

Group/Ferguson Consulting is the right firm for that task. Bert Bender and Gary Kinsella are currently working together for the Daniels, Kashtan Law firm in Coral Gables as expert witnesses.

Our **Traffic Engineers** are **TRAF TECH Engineering, Inc.** They will consult on all aspects of ingress and egress for the site. Additionally, they can formulate design recommendations for on street access issues, including but not limited to short term parking and ways to accommodate the various impacts of traffic on and around the site.

We believe that this combination of expert professionals represents the best available talent to provide the City of Key West with a modern, up to date, long term City Hall, while appropriately preserving an important part of our heritage. Detailed profiles of these firms follow.

SERVICES

- HISTORIC PRESERVATION
Research and
Restoration
- SUSTAINABILITY/LEED
- MASTER PLANNING
- PROGRAMMING
- ARCHITECTURAL DESIGN
- SIGNAGE AND GRAPHICS
- SITE SELECTION
- VALUE ENGINEERING
- ENERGY CONSERVATION
- COST CONTROL
- INTERIOR DESIGN
- CONSTRUCTION
ADMINISTRATION

OFFICE LOCATION

KEY WEST, FLORIDA

Bender & Associates Architects, P.A. is a full service architectural firm with broad experience in multiple project types: historic preservation and restoration, residential, commercial, office, retail, educational and hotel guest houses.

Bert Bender established his firm in Flagstaff, Arizona in 1975 and ten years later, moved his practice to Key West, Florida. Bert's internship with visionary architect Paolo Soleri in 1971/72 infused the firm's philosophy of environmentally sensitive and ecologically responsible design. Historic preservation is the natural expansion of this philosophy: sustainability through protection of our existing buildings and historic resources. Over the ensuing years, the firm evolved to become recognized as experts in historic preservation; but the firm's original philosophy of environmentally sensitive and ecologically responsible design was maintained as the guiding principal for the firm's work.

Bender & Associates, Architects have worked on numerous State of Florida and municipal owned historic properties, and have received numerous awards for our work in historic preservation. It is the firm's desire to produce historically appropriate, environmentally sound, creative, economical, and aesthetically pleasing projects. It is the firm's responsibility to ensure that the design responds to the demands of appropriate preservation practices, the climate, the environment, and the need to conserve energy. Our concern for the natural and historic built environment, as well as our desire for energy conscious architecture, cannot be overemphasized.

We have a reputation for being meticulous in our demands for quality work and protection of historic fabric on our historic restoration projects. Our drawings and specifications are thoroughly detailed to ensure this, including pre-qualification of major subcontractors. Selection of a general contractor includes evaluation of qualifications with an emphasis on past performance on similar projects. Intrusive methods, elements, or damage to historic fabric is unacceptable and our documents and contractor selection process ensure the desired results.

Every project undertaken by Bender & Associates receives the same attention to exacting detail as our nationally known award winning preservation projects.

MCHARRYASSOCIATES

FIRM OVERVIEW

Public Facilities Planning & Design Expertise

MC Harry Associates is a Miami based architectural and engineering firm with a 55 year history providing award winning planning and design services to a variety of government agencies and public institutions.

We were recently honored by the American Institute of Architects as their *AIA Florida 2012 Firm of the Year*. The award recognizes a practice that has consistently produced distinguished architecture successfully blending the art and science of the profession.

MC Harry Associates has spent the last thirty five years honing strategies that best serve our municipal and institutional clientele. We understand the challenges owners and operators face and the value of an efficient and affordable design response to their programming interests.

Our skill in the planning and design of more than \$1 BILLION of public sector improvements has allowed us to keep in step with South Florida's progressive development and places us in an elite group of design professionals sensitive to the history and aspirations of our locale.

MC Harry Associates offers innovative solutions to help our clients conduct business more efficiently, save money, and maintain schedule. Our ability to work through a project's challenges with innovative planning and design gives our clients the freedom to implement the improvements they require. Each project is developed within the context of long term objectives, affording us the opportunity to incorporate strategies that facilitate future growth.

Responsible future growth must be approached from an environmental design vantage point. All of our projects are routinely measured against the latest 'green' strategies with particular focus on energy and water consumption savings; the two most immediate and tangible advantages of a sustainable building program. *MC Harry Associates* was recently ranked 6th in the *South Florida Business Journal's* "2012 Top 25 Green Architecture Firms".

More than 90% of our projects originate from previous client relationships. This is a powerful affirmation of the quality of our planning and design initiatives and the trust and confidence they have in our decision making process and ability to maximize the return on their investment.

MC Harry Associates invites you to visit www.mcharry.com to view in more depth our firm capabilities and corporate portfolio.

During each project phase, the MC Harry Team conducts a value analysis of the major sustainable design elements and building systems. A list of design refinements is discussed with project stakeholders to determine their acceptability measured against the project budget and projected long term operational costs.



E Sciences, Incorporated is an engineering, environmental, ecological and landscape architecture consulting firm providing services in the public, industrial, and private sectors. We envision a community where the built environment coincides harmoniously with the natural environment. Our firm provides innovative, practical solutions that achieve the project goals of our clients. Operating independently or as an extension of your staff, we strive to understand your business objectives and deliver services based upon client need and our commitment to quality. We apply superior professional and technical expertise to all of our services and for every size project. E Sciences understands the challenges facing companies and governmental agencies, including budgetary and scheduling constraints. We respond to these challenges by structuring our project teams to deliver the highest possible value. With offices in Orlando, DeLand, Fort Lauderdale, Miami and Sarasota, E Sciences offers a range of professional services coupled with local knowledge, experience and staff. Our professional services include:

- Landscape Design
- Irrigation System Design
- Hardscape Design
- Site Planning
- Site Lighting

Ecological Consulting

- Wetland Mitigation & Mitigation Bank Design
- Habitat Assessments and Conservation Plans
- Development Feasibility Studies
- Mitigation Permitting Assistance
- NEPA/ PD&E Studies & Design Projects
- Wetland Mitigation & Mitigation Bank Design
- UMAM Evaluations
- Essential Fish Habitat Evaluations

Environmental Consulting

- Site Assessments and Remedial Action Plans
- Contamination Screening Evaluation Reports
- Underground Tank Storage Removal and Remediation
- Geology and Hydrogeology Investigations
- Risk Management of Contaminated Sites
- Spill Prevention, Control and Countermeasure Plans

Engineering

- Water and Wastewater Consulting
- NPDES Inspections
- Water Resources Consulting
- Stormwater Pollution Prevention Plans
- NPDES MS4 Phase 1 and 2 Permitting
- Program Management Services
- Drainage and Floodplain Analysis

Environmental Permitting and Coordination

- Industrial Wastewater Permitting
- Consumptive Use Permitting
- State & Federal Environmental Resource Permitting
- 4(f) Determinations and Documents
- State and Federal Protected Species Permitting
- USFWS Section 7 and 10 Consultations
- Wetland Mitigation Permitting
- Local Wetland Permitting
- NEPA Support
- Cultural Resource Coordination
- USCG Bridge Permitting
- NPDES Permitting and Compliance
- EFH and Seagrass Permitting

COMPANY PROFILE

Perez Engineering & Development, Inc., (PE&D) is a professional engineering consulting firm. We provide professional services in the public, industrial, military, and private sectors. Based in Key West, Florida, our staff has a proven record in successfully managing and completing complex multi-discipline projects throughout the State of Florida and the Caribbean.

Our approach to project planning and management controls both capital costs and engineering fees and demonstrates our ability to meet both schedule and budget requirements. In addition to being completed on time and within budget, a successful project must be technically adequate. To ensure technical adequacy of all our work, various types of review mechanisms have been established. The result is systematic approach to ensure the following:

- Every project meets its quality objective
- Quality is continuously improved
- Cycle time is continuously reduced
- Cost are continuously reduced

The following is a brief summary of some of our professional services:

ENGINEERING

- Site plan development
- Site characterization and remediation
- Design of storm water management systems
- Design of potable water systems
- Design of gravity and vacuum sanitary sewer systems
- Roadway design
- Preparation of construction drawings and details
- Preparation of construction specifications and contract documents
- Construction cost estimates
- Value engineering and QA/QC reviews
- Construction Phase Inspection Services

REGULATORY APPROVALS AND COORDINATION

- Storm water permitting through several Water Management Districts
- Utilities permitting through the Florida Department of Environmental Protection (FDEP)
- Environmental permitting through the Army Corps of Engineers and FDEP
- NPDES permitting through Environmental Protection Agency

PE&D has successfully managed and completed various types of multi-discipline contracts including continuing services contracts for municipal and state government, federal government and private industry. Our performance on past and current contracts confirms our ability to meet both schedule and budget requirements with a strong emphasis on quality.

PE&D professional experience is fairly diversified and encompasses the design and preparation of construction documents, permitting, and construction services for a variety of projects. Our engineering design experience includes hydraulic and hydrologic computer modeling of storm water management systems; the design of

potable and sanitary utility systems, pump stations, paving and grading design. The following is a list of some of our municipal clients and contracts:

- City of Key West
 - General Storm Water and Wastewater Engineer
 - Professional Engineering Consulting Services
- Monroe County
 - General Airport Consultant
 - Architectural/Engineering Services for Small Projects
- Florida Keys Aqueduct Authority
- Monroe County Housing Authority General Engineering Services
- Key West Housing Authority General Engineering Services
- Monroe County School Board
- Key Largo Wastewater District

ATLANTIC ENGINEERING SERVICES

FIRM OVERVIEW

Atlantic Engineering Services, with offices strategically located in Jacksonville and Pittsburgh provides consulting structural services as well as structural inspection services to the entire eastern portion of the United States, including Boston, Minneapolis, Philadelphia, Cleveland, Norfolk, Charlotte, Birmingham, Orlando and Miami.

AES is composed of **H.W. Keister Associates, Inc.** and **Structural Engineering Corporation**. The organization's client's benefit from the unique relationship between proactive structural engineers dedicated to searching out optimal solutions. The interaction of the multiple offices and regional experience allows for enhanced design economies. The affiliation of designers with trained field observers helps assure that the design intent can be quickly understood and properly executed.

Our practices are founded on the stable principals of synergy, creativity and timeliness. This successful philosophy is exemplified in more than 6,500 completed projects with a total constructed value of more than \$6.8 billion. The projects constructed over the past 45 years have ranged up to 30 stories and a construction cost of more than \$120 million.

Many of our projects include restorations of historic structures, several of which are on the National Register for which our specialized approach to building preservation and restoration has brought new life to old structures.

AES is knowledgeable with the Leadership in Energy and Environmental Design (**LEED**) Green Building Rating System and certification process. Our firm is committed to assisting our clients in evaluating and pursuing potential credits. **AES** has successfully designed and completed numerous LEED Registered and LEED Rated facilities. Our firm has cultivated valuable relationships with local manufacturers and suppliers who assist in choosing and procuring the most economical and environmentally-conscious materials and products available.

AES uses state-of-the-art technology to increase the firm's ability to creatively engineer solutions to building designs. Our firm has embraced the new technology related to **BIM** (Building Information Modeling). Our seasoned CADD production experts are experienced with software programs such as AutoCad for 2D documents and Revit for producing BIM documents. Our productivity is further increased by the use of data transmission and project collaboration opportunities on the Internet. Please take a moment to visit our web site at www.aespi.com. You can reach us at jax@aespi.com or pgh@aespi.com.

The professionals at AES enjoy what they do and so they do it well. They are dedicated to producing buildings where people can live, work, play and worship into the 21st century and beyond.



HUFSEY•NICOLAIDES•GARCIA•SUAREZ
ASSOCIATES, INC. CONSULTING ENGINEERS

4800 S.W. 74th Court
Miami, Florida 33155-4448

Phone (305) 270-9935 Fax (305) 665-5891

www.hngsengineers.com

HUFSEY-NICOLAIDES-GARCIA-SUAREZ ASSOCIATES, INC. is a Miami based consulting engineering firm with more than 47 years of service to architectural, engineering, governmental and industrial clients. Since its founding in 1965, under the name of Hufsey-Nicolaides Associates, Inc., HNGS has concentrated its efforts in the disciplines of Electrical and Mechanical Engineering toward the completion of many outstanding projects such as: airport complexes, banks, churches, computer centers, civic centers, detention centers, libraries, medical complexes, office buildings, parks, residential buildings, art museums, auditoriums, shopping centers and schools. Some of these projects involved fast-track and design-build approaches as well as coordination with construction management firms.

The personnel are the company's greatest asset. At the present time we have 18 employees. Our senior staff has been a part of the company for over 20 years each. This long experience has enabled the staff to work together and give the clients a better final product.

HNGS uses the latest engineering software for design along with the latest AutoCAD programs.

Our experience expands into the Caribbean, South America, Central America, Europe and Mexico. We are able to offer engineering services in Metric and English systems as well as in English and Spanish languages.

As an indication of our continuing commitment to the enhancement of the quality of our service and management, HNGS has voluntarily participated in the Organizational Peer Review Program of the American Consulting Engineers Council. Experienced professionals were invited to examine our practices and procedures in six major areas: overall management, development and maintenance of technical competence, project management, human resources, financial management and business development. The findings of this Organizational Peer Review and subsequent implementation of the results are aimed at enhancing our service to clients and our professional practice.

Consulting services offered by HUFSEY-NICOLAIDES-GARCIA-SUAREZ ASSOCIATES, INC., range from reports and advice on isolated problems to complete design of electrical and mechanical systems of all types. The following indicates our interests and capabilities.

Feasibility Studies
Energy Studies
Energy Management Systems
Plumbing Design
Lighting Design
Solar Energy Design
Smoke Evacuation Design

Power Distribution
Emergency Systems
Air Conditioning/Heating Design
Ventilation Systems
Value Engineering
Interior, Exterior Special Fire Protection Design
Construction Administration

Island Surveying, Inc.

3152 Northside Drive, Suite 200
Phone: (305) 293-0466 Fax: (305) 293-0237



Fred Hildebrandt has been in business as a professional land surveyor and civil engineer since 1983. In 2008, he established his latest land surveying company, Island Surveying, Inc. Fred's projects have ranged from individual pieces of property to most of the major parcels of land for the biggest developers in the Florida Keys.

One of the largest projects was the completion of surveys, condominium documents, and engineering reports for a 200 acre condo conversion. Some of the firm's previous projects include survey and design of subdivisions throughout the Florida Keys such as Ocean Reef Club, Curry Cove, Saddlebunch RV Park, Shark Key, Coral Coast, Key West Golf Course Development, Flagler Court/Paradise Court, Tranquility Bay; Casa Marina; Truman Harbor rehabilitation; Overseas Marketplace; renovation at Truman Annex; Cheeca Lodge; major shopping centers; a new Aviation Control Tower and Operations Building/Passenger Terminal; Florida Department of Transportation; Monroe Country H.U.D.; Bay bottom leases; large tract surveys; airfield vegetation conversion; USDA Animal Import Center conversion; hurricane-damaged shoreline restoration, and sanitary sewer replacement.

In 1954, Edward Parker, Sr. founded Biltmore Construction with a commitment to integrity, quality and service. Today, over five decades and three generations later, that commitment is documented by hundreds of projects completed throughout the State from the Panhandle to Key West.

Biltmore's 58-year evolution closely mirrors Florida's economic growth and development. Our commitment to quality customer service lead our firm to pioneer the industry's transition from traditional bidding delivery to construction management which so strongly reflects of goal or being a "partner" with our clients.

Biltmore's vision is to "be a highly sought-after Construction Manager by building quality structures with integrity and dedication to client service". We pride ourselves by "going beyond the scope" to assure client satisfaction. Our core services include construction management, design-build, general contracting, program management, and cost analysis.

We offer an extensive resume of historical restoration and renovation experience, as well as municipal facilities such as the Islamorada Administrative Center and Public Safety Headquarters that services as the Village's City Hall; City of Marathon's Joint-Use Fire Station and EOC; City of Seminole's Public Works Administration/EOC and Public Works Operations Building; City of Largo's Centralized Data Center; City of Clearwater Main Fire Station and Administration Center; City of Largo Public Library Complex; City of St. Petersburg West Library; City of Safety Harbor Library Renovations/Addition. Our experience includes historic preservation, renovations and remodeling projects for public and private clients.



Ybor City State Museum



Jennie Murphree Hall



Belleview Biltmore Hotel

Historical Renovation/Preservation Experience:

Our historical renovation experience also includes the renovation, restoration and historic preservation for the Episcopal Church of the Ascension, Stetson University College of Law, the historic renovation of the 100+ year old Belleview Biltmore Resort, the Clearwater Beach Hotel, Safety Harbor Spa, Ybor City State Museum, the Seminole Theatre in Homestead, the Palladium Theater and St. Mary's Church in St. Petersburg.

- **Jennie Murphree Hall** at Florida State University, built in 1922, underwent total renovation. The facility was gutted, roof system removed, with only the exterior walls remaining. Throughout construction, careful consideration was given to maintain the original architectural heritage of the building through attention to details such as the careful removal and cleaning of the original roof tiles and reinstallation. The exterior brick envelope was retained, and the brick work was cleaned and restored.

- **Built in 1897, the historic Belleview Biltmore Hotel** was in dire need of modernization and renovation. Biltmore Construction was retained as Construction Manager for the design/build program with a directive to complete the renovation and preservation of the hotel within 18 months and maintain partial operations through phasing. In addition to their 350 guest rooms, our scope included the remodeling and renovation to their Starlight Theatre and Grand Ballroom as well as construction of a new lobby facility to relocate the entrance, remodel existing restaurant areas into an audiovisual amphitheatre to include current technical equipment and workstations in a theatre setting. By maintaining the architectural integrity of the building, while adding modern features, the Belleview retained its status with the National Historic Preservation Society.

COMPANY PROFILE

EE&G is Florida-based environmental/engineering consulting and construction firm. While EE&G has been established since 2004, the management and staff of EE&G have provided environmental/engineering consulting and Indoor Air Quality (IAQ) services for the past 26 years under Evans Environmental & Geological Science & Management, LLC (Evans). This core group of professionals has established a reputation for providing cost effective solutions to environmental and engineering concerns, and working with stakeholders to resolve environmental obstacles to facilitate redevelopment projects.

EE&G is headquartered in Miami Lakes, Florida. EE&G employs 50 professionals who are residents of Florida. EE&G also maintains offices in Tampa, Orlando, and Melbourne, Florida.

EE&G maintains the following professional licenses:

- Licensed Asbestos Consulting #ZA-344
- Environmental Protection Agency\ (EPA) Lead Certified # FI-10142-1
- Licensed Engineering Firm #26192
- Professional Geology # GB-483
- Radon Measurement Business #RB1092

The management and staff of EE&G have over two decades of experience providing environmental consulting and engineering services, primarily focused on redevelopment and regulatory-response projects in Florida. EE&G is a full service consulting firm that can provide “turn-key” assessment and remediation services, which will result in more cost-effective and innovative approaches to addressing environmental, IAQ, and redevelopment issues.

EE&G’s staff includes Licensed Asbestos Consultants (L.A.C.’s), EPA Certified Lead-based Paint Risk Assessors, Certified Industrial Hygienist (C.I.H.), and Certified Indoor Environmental Consultants (CIEC’s), Certified Mold Assessors and Remediators, Professional Engineers (P.E.’s), Professional Geologists (P.G.’s), Through the use of in-house resources and the minimization of subcontract services, we are able to maintain strict quality control and deliver responsive, cost-effective consulting services.

EE&G services include:

- Asbestos Management, Consulting, Testing & Laboratory Services
 - Building Inspections
 - Preparation of Plans and Specifications
 - Contractor Performance/Compliance Monitoring
 - Air Quality Testing, Operations and Maintenance Programs
 - Transmission Electron Microscopy (TEM)

- Polarized Light Microscopy (PLM) & Phase Contrast Microscopy (PCM)
- Lead-Based Paint Services
 - Building Inspections
 - Hazard Assessment
 - Abatement Project Design
 - Abatement Project Supervision
 - Air Monitoring Services
 - Operations and Maintenance Plans
- Indoor Air Quality (IAQ) Services
 - Mold Assessment and Testing
 - Water Intrusion Investigations
 - Design of Remediation Plans
 - Abatement of Mold-Impacted Building Materials
 - Air Quality Screening & Sick Building Syndrome Assessment
 - Design of Building Modifications to Improve IAQ
 - Radon Assessment
- Environmental Due Diligence Assessment Services
- Petroleum and Hazardous Substances Assessment/Remediation Services
- Environmental Engineering Services
- Brownfields Services
- Emergency Disaster Response Services

Asbestos Assessment and Remediation Design:

EE&G's asbestos program is directed by two full-time Licensed Asbestos Consultants. The Licensed Asbestos Consultants oversee an experienced technical staff consisting of project managers, building inspectors, and project monitors to ensure the delivery of consistent, high quality services. Initial and annual training of all EE&G personnel meets the requirements of the Asbestos Hazard Emergency Response Act (AHERA). EE&G specializes in asbestos inspections, microscopic analysis of suspected asbestos-containing materials, monitoring and analyses for airborne asbestos, the design and implementation of asbestos abatement projects, and operations and maintenance (O&M) programs. Our graphics capabilities feature AutoCAD[®] software that generates rapid reproductions of building floor plans and provides greater detail and overlay options. EE&G offers services for the analysis of asbestos content in building materials.

EE&G has an in-house Polarized Light Microscopy (PLM) laboratory, which is accredited by the National Voluntary Laboratory Accreditation Program (NVLAP) for bulk asbestos fiber analysis. Phase Contrast Microscopy (PCM) is used during asbestos abatement projects to measure the amount of airborne fibers. Our company participates in the Proficiency Analytical Testing program to ensure statistically reliable analyses. EE&G has developed Quality Control/Quality Assurance manuals with strict internal quality control standards for all PLM and PCM analyses.

Lead-based Paint:

EE&G provides complete inspection, risk assessment, abatement project design, abatement project supervision, and air-monitoring services for lead-based paint (LBP) as well as other heavy metal coatings. Our staff has received lead-based paint training in accordance with EPA requirements and is currently certified by EPA to conduct lead-based paint activities in Florida.

X-Ray Fluorescence (XRF) testing, used in conjunction with confirmatory Atomic Absorption Spectrometry (AAS) sampling, is one of many testing strategies used by EE&G for accurate and cost-effective lead detection. EE&G utilizes the Niton® XL Spectrum Analyzer, which is the most advanced portable on-site testing and field-screening device available for lead detection in paint and soil. Services include:

- Perform lead survey to determine lead content of materials.
- Perform testing of paint for lead content.
- Develop lead abatement specifications.
- Provide air monitoring and on-site project monitoring services.
- Provide cost estimates for lead abatement and monitoring services.
- Provide contract administration.
- Provide final project closeout reports.
- Awareness training

Mold/IAQ Assessment and Remediation Design:

EE&G's IAQ team leads the industry, with over 50 years of cumulative experience diagnosing and mitigating indoor air quality problems resulting from physical, biological, and chemical stressors in the building environment. EE&G's multi-disciplinary approach to indoor air quality delivers the highest quality consulting services utilizing a full time professional staff including: a Certified Industrial Hygienist (CIH), Florida Licensed Mold Assessors, Certified Indoor Environmental Consultants (CIEC), and industrial hygienist technicians. EE&G's highly trained staff is skilled in the sampling techniques specific to the rapidly evolving indoor air quality industry. In addition to extensive in-house resources, EE&G has consulting affiliations with microbiologists, toxicologists, building scientists, and occupational physicians to broaden and increase the effectiveness and reliability of services provided to our clients. Together, EE&G's team has the experience and training to address any IAQ concern. EE&G is the client's advocate, representing the client's interests to health regulators, environmental regulators, attorneys, and workers compensation insurance companies while providing rapid, accurate, and efficient solutions to workplace health and safety problems.

EE&G professionals are concerned with both health hazards and the immediate economic impact of the health hazards. Every IAQ situation is unique; many variables may need to be considered to address a specific issue. Accordingly, EE&G utilizes a phased study approach to economically evaluate IAQ. The

initial phase includes visual inspections and a preliminary air quality screening. Based on the data collected in this phase, recommendations for corrective action or additional testing are prepared. The phased approach reduces client expense and focuses on results. IAQ Services include:

- Perform indoor air quality surveys and assessments.
- Provide testing for fungal spore counts.
- Provide testing for culturable fungi and bacteria.
- Develop mold abatement specifications.
- Provide air monitoring and on-site project monitoring services.
- Provide cost estimates for mold abatement and monitoring services.
- Provide contract administration.
- Provide final project closeout reports.
- Water intrusion evaluations including Infra Red scanning.
- Diagnostics of Heated, Venting, and Air Conditioning systems.

EE&G uses state-of-the art air sampling techniques for identifying and characterizing airborne and surface contaminants. Utilizing a nationally accredited laboratory, EE&G provides the following assessments:

- Airborne particulate characterization.
- Surface microbial organisms.
- Dust mites.
- Total Volatile Organic Compounds (TVOCs).
- Carbon monoxide.
- Airborne microbial organisms.
- Bioaerosols (skin cell fragments, insect parts, fibers, dust and aero- allergens).
- Cockroach extract.
- Radon gas.

The remediation of IAQ problems often requires the combined efforts of engineers and industrial hygienists. While each case is unique, the implementation of one or a combination of remedial steps, frequently eliminate complaints. Typical actions include:

- Test and Balance of HVAC System; Adjustment of HVAC system to provide higher quality of air.
- Retrofit of HVAC system to allow more fresh air to enter the space.
- Restructure maintenance activities, including training of staff.
- Comprehensive cleaning and decontamination of duct systems, Air Handlers when necessary.
- Removal of water-damaged or mold impacted building materials.



TLC Engineering for Architecture: Sustainable Design

Passion fuels our commitment to green: A passion for simple, efficient solutions that are healthy for the people who live, learn, and work in the buildings we engineer. And healthy for the environment. TLC's commitment to sustainability has made us a leader in the green building design movement in the southeast with 150 LEED Certified Projects. "Firsts" have propelled TLC to the top ranks in sustainable engineering. In Florida we have provided sustainable services for the first building; the first health care facility; the first pre-K school; the first elementary school; the first hotel/resort; the first athletic facility; the first LEED CI; the first LEED for Schools public school and the first Platinum building. TLC is also among the first engineering firms in Florida to become a member of the U.S. Green Building Council.

We are providing sustainable design, commissioning or consulting services on a broad range of projects, including university buildings, courthouses, healthcare facilities, libraries, and the master planning of a 450-acre urban town center. Our specialized green design services include:

LEED CONSULTING: Our staff is available to assist an owner with preliminary LEED feasibility studies, registration and leading the certification process, including performing calculations and completing templates required for LEED certification. The experience of guiding projects through the certification process has given our team working knowledge of strategies best suited for our environment.

ENERGY MODELING: Energy modeling is a very powerful tool that, when used effectively, can provide significant savings for a project. TLC's promotes an integrated design with the entire team to analyze multiple options for common building features such as building envelope, HVAC equipment and lighting systems simultaneously to identify the most effective energy saving strategies. In our experience, it is best to create an energy model early in the design process to help identify the most effective strategies. The longer you wait, the less opportunity you have to implement changes to the design and use energy modeling effectively. TLC has successful experience with 3D energy modeling software such as VisualDOE to demonstrate the value of energy saving strategies such as envelope enhancements, (insulation, roof color, window louvers, fins, overhangs and orientation), HVAC equipment, lighting controls & daylight harvesting.



DAYLIGHT HARVESTING: Studies have shown that providing natural lighting in a space improves sales in retail stores, learning in schools and performance in office space. In addition to improved environmental quality, daylight harvesting is the number-one strategy for reducing energy consumption in a building. Our design professionals are adept in lighting design and control, along with HVAC adjustments which allow owners to reap the benefits of reduced lighting energy consumption.

COMMISSIONING (Cx): Commissioning is performed by a team of design and construction professionals led by a certified Cx Authority (CxA). Commissioning services include consultation with owners over project goals, design reviews, custom functional and pre-functional test writing, submittal reviews, observation of staff training, Cx specifications, Cx reports and the creation of system manuals.

STORM WATER COLLECTION AND REUSE: Storm water and air handling unit (AHU) condensate can be collected for usage in landscape applications, wastewater reductions and cooling tower re-feeding. Our experience in coordination of storm water and condensate lines to cistern collection points as well as distribution of the harvested water allows us to make recommendations for efficient sustainable applications for re-using the storm water that can be collected on your site.

LEED FOR GREEN BUILDINGS: OPERATIONS & MAINTENANCE (LEED GBOM): With LEED GBOM, our LEED Accredited Professionals first verify if the existing building conditions can be upgraded to meet the nine prerequisites required for certification. If the prerequisites can be met, we then proceed with a thorough evaluation of the building systems to identify, describe and prioritize the minimum building modifications and alterations required to achieve the prerequisites. Next, we determine how to maximize the building's operational efficiency while minimizing the environmental impacts. Finally, we provide the owner with a description of the activities and programs needed to accomplish LEED GBOM certification, including scheduling timelines and cost estimates.



Company Profile for Kinsella-Marsh Group, Incorporated

OVERVIEW

Kinsella-Marsh Group, Inc. is an outgrowth of a previous firm, Pelton Marsh Kinsella (PMK) founded by Gary Kinsella in 1984 and joined the following year by David Marsh. Kinsella left PMK in 2006 to start Kinsella Acoustics and Marsh left PMK early in 2009 to re-partner with Kinsella in what is now Kinsella-Marsh Group (KMG). KMG is an independent consulting firm specializing in a broad range of acoustics and communications technologies. *Independent* means the firm has no financial stake in manufacturing, distribution, sales or installation of any products. This enables KMG to provide unbiased / objective consulting and design on each project based solely on the needs, desires and budgets of the Owner.

SERVICES

- **ARCHITECTURAL ACOUSTICS** includes adjacency sound isolation within a building or from outdoors to the building interior as well as mitigation of footfall noise through floor/ceiling assemblies. It also includes "room acoustics," which involves development of room volume, geometry, surface shaping and finishes (e.g., in an auditorium or other public assembly space) to create appropriate reverberation (or in some cases to avoid excessive reverberation), to mitigate disturbing echoes and cause sound to be naturally distributed from the stage or performance area as appropriate to the venue.
- **BUILDING SYSTEMS NOISE & VIBRATION CONTROL** includes mitigation of noise and vibration from HVAC systems and equipment, emergency generators, electrical transformers and overall plumbing systems in buildings. Includes all major mechanical such as chillers, pumps, air-handlers air-distribution ductwork, terminal devices, garage fans, etc.
- **ENVIRONMENTAL ACOUSTICS** encompasses outdoor noise studies including measurement and computer modeling of environmental noise impact on office buildings, hotels, residential communities and "quiet places" such as public parks. May also involve public meetings and expert witness services.
- **AUDIO-VISUAL (AV) CONSULTING** includes design, specification and testing/adjusting of sound reinforcement systems, AV presentation systems, video distribution and display systems, broadcast infrastructure and production systems.
- **TELECOMMUNICATIONS CONSULTING** includes design specification and testing of structured cabling for IT connectivity in buildings and across campuses. May include design of wireless overlays and design of complete data centers.
- **ELECTRONIC SECURITY SYSTEMS CONSULTING** includes design, specification and testing of building access control, intrusion detection and video-based surveillance systems as well as complete security command centers.
- **ELECTRONIC SECURITY SYSTEMS CONSULTING** includes design, specification and testing of building access control, intrusion detection and video-based surveillance systems as well as complete security command centers.

Kinsella • Marsh Group, Incorporated

Miami Beach, FL: 305-868-1531 • Dallas, TX: 214-891-1400
Consultants in Acoustics & Communications Technologies

Traf Tech Engineering, Inc.

Traf Tech Engineering, Inc. is an engineering consulting firm that is focused on providing traffic engineering and transportation planning services to both public and private sector clients throughout the state of Florida. Key areas of practice for the firm include traffic operations studies, safety analyses, evaluation of intersections, arterials and interchanges, development of multi-modal (transit, bicycle and pedestrian) plans, and the preparation of parking studies. Our key staff members have nearly 50 years of combined traffic engineering experience in the Florida Keys and, specifically, in Key West. Representative projects include:

- City of Sunrise Traffic Engineering Consulting Services, Sunrise, FL
- City of Coral Springs Traffic Engineering Consulting Services, Coral Springs, FL
- Hurricane Evacuation Consultant, FDOT District 6
- Key West International Airport Landside Traffic Analysis, Key West, FL
- Marina Drive and Grinnell Street Intersection Analysis, Key West, FL
- City of Marathon Traffic Engineering Services, Marathon, FL
- Hurricane Hole Traffic Impact Analyses, Stock Island, FL
- Marathon Housing Traffic Analyses, Marathon, FL
- US 27 PACE Study, FDOT District 4

AC# 5442752

STATE OF FLORIDA

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

SEQ# L11020401681

DATE	BATCH NUMBER	LICENSE NBR
02/04/2011	108170590	AR0011082

The ARCHITECT
Named below IS LICENSED
Under the provisions of Chapter 481 FS.
Expiration date: FEB 28, 2013



BENDER, BERT LESLIE
410 ANGELA ST
KEY WEST FL 33040

RICK SCOTT
GOVERNOR

DISPLAY AS REQUIRED BY LAW

CHARLIE LIEM
SECRETARY

AC# 5442899

STATE OF FLORIDA

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

SEQ# L11020401828

DATE	BATCH NUMBER	LICENSE NBR
02/04/2011	108170631	AAC002022

The ARCHITECT CORPORATION
Named below IS CERTIFIED
Under the provisions of Chapter 481 FS.
Expiration date: FEB 28, 2013



BENDER & ASSOCIATES ARCHITECTS, PA
410 ANGELA ST
KEY WEST FL 33040

RICK SCOTT
GOVERNOR

DISPLAY AS REQUIRED BY LAW

CHARLIE LIEM
SECRETARY

CITY OF KEY WEST, FLORIDA

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

Business Name BENDER & ASSOCIATES ARCHITECTS CtlNbr:0001702
 Location Addr 410 ANGELA ST
 Lic NBR/Class 13-00009562 SERVICE - PROFESSIONAL
 Issue Date: October 04, 2012 Expiration Date: September 30, 2013
 License Fee \$309.75
 Add. Charges \$0.00
 Penalty \$0.00
 Total \$309.75
 Comments: ARCHITECT

This document must be prominently displayed.

BENDER, BERT

BENDER & ASSOCIATES ARCHITECTS Owner: CMLKER Type: OC Drawer: 1
 410 ANGELA ST Date: 10/05/12 54 Receipt no: 2199
 KEY WEST FL 33040 2013 9562
 OR LIC OCCUPATIO 1 \$309.75
 Trans number: 2834188
 CK CHECK 10929 \$309.75
 Trans date: 10/05/12 Time: 10:30:39

2012 / 2013 MONROE COUNTY BUSINESS TAX RECEIPT EXPIRES SEPTEMBER 30, 2013

RECEIPT# 46110-63601

Business Name: BENDER & ASSOCIATES ARCHITECTS PA

Owner Name: BERT BENDER Business Location: 410 ANGELA ST
 Mailing Address: 410 ANGELA ST KEY WEST, FL 33040
 KEY WEST, FL 33040 Business Phone: 305-296-1347
 Business Type: PROFESSIONALS (ARCHITECT #AR0011082)

Rooms Seats Employees Machines Stalls

STATE LICENSE: AR0011082

		For Vending Business Only					
		Number of Machines:		Vending Type:			
Tax Amount	Transfer Fee	Sub-Total	Penalty	Prior Years	Collection Cost	Total Paid	
30.00	0.00	30.00	0.00	0.00	0.00	30.00	

Paid 124-12-00000002 10/01/2012 30.00
 Effective Date 09/28/2012

THIS RECEIPT MUST BE POSTED CONSPICUOUSLY IN YOUR PLACE OF BUSINESS

THIS BECOMES A TAX RECEIPT
 WHEN VALIDATED

Danise D. Henriquez, CFC, Tax Collector
 PO Box 1129, Key West, FL 33041

THIS IS ONLY A TAX.
 YOU MUST MEET ALL
 COUNTY AND/OR
 MUNICIPALITY PLANNING²⁷
 AND ZONING REQUIREMENTS.

EXPERIENCE & QUALIFICATIONS, PERSONNEL

- **Professional qualifications of staff personnel/Capacity of assigned and identified staff to accomplish work.**

Our team has designated highly qualified personnel that are committed to this project.

Bender & Associates Architects will serve as the lead for the team. Bert Bender, Principal and president of **Bender & Associates** will serve as the **Project Manager**. David Salay and Haven Burkee will serve in staff architect roles, with David focusing on preservation related issues.

Our approach is truly a team effort. Architectural design will be shared equally between the **Bender & Associates** staff and **MC Harry** staff. Following program verification, we will conduct a week long design charette in the Key West office of **Bender & Associates**. Personnel from **Bender & Associates; MC Harry; Keith Oropeza, ASLA; Atlantic Engineering; Perez Engineering** and **Biltmore Construction** will meet for a week long design charette. We anticipate that the architects and landscape architect will participate for the full session. Structural engineers will be critical during this early phase to ensure that the structural steel frame is appropriately integrated into the design. Personnel from **Biltmore Construction** will ensure that value engineering considerations are incorporated during these critical early conceptualization stages.

All of our firms have the ability to staff the project. The resumes of those people are included in this section.

- **Ability to perform the services expeditiously at the request of the CITY. Location and availability of technical support people and assigned project manager to the City.**

The Key West office of Bender & Associates will serve as the project headquarters. **Bert Bender will serve as the Project Manager. David Salay and Haven Burkee will serve** as the project's staff architects and **David Salay** will also serve as **Assistant Project Manager**. This arrangement ensures that services will be performed expeditiously at the request of the City. One of these two project managers will always be available for an immediate response. This will prove to be an invaluable asset to the project, especially during construction, when issues may require an immediate response.

Our consultants respond immediately to our requests, due to their professionalism as well as our long term relationships. Our commitment as a team to our clients is immediate and total. Today's technology allows instant communication and transfer of files. Additionally we implement schedule and cost controls and monitor both costs and schedules on a regular basis. At the onset of every project, we produce a long term schedule and maintain close monitoring internally. During construction, we

maintain close contact with the contractor and conduct weekly project meetings where authorized by the owner. We require updating of the contractor's CPM schedule monthly.

Cost and schedule controls apply to two distinct aspects of the project: 1) consultant services leading up to and including bidding, and 2) construction activities after award of a construction contract.

Internally, we monitor schedules and progress through weekly meetings. All projects are discussed and adjustments to schedules are made at that Monday morning review. Priorities for each Bender & Associates employee for the coming week is established and personnel are assigned to assist in meeting deadlines as appropriate. The status of our consultants' work product is monitored at this weekly meeting as well. Bert Bender, as principal of the firm, will contact consultants if they appear to be behind schedule.

Bender & Associates has a reputation for providing quality professional services, years or even decades after a project is complete. Our commitment to our clients doesn't end with the dedication ceremony. We are committed to the City of Key West, not just on a client/professional basis, but as community members. We serve on Boards and Committees, volunteer, and donate financially as well as professionally through pro bono services in our community.

Past and present Key West Commissioners and staff can attest to our ability to respond "expeditiously at the request of the City." Bender & Associates Architects has provided services to the City related to this RFQ. We provided the original **City of Key West City Hall Space Needs Analysis** in 1992/93, **The City of Key West City Hall Feasibility Study** in 2003, **The City Hall Feasibility Analysis and Site Selection** update in 2005 and the **Architectural Assessment of Glynn Archer School for use as City Hall** last year in 2011, which was instrumental in moving the question to a referendum. The 1993 **Space Needs Study** is an excellent example of our commitment. The initial interviews of City staff were conducted in the fall of 1992. In December, Bert Bender was diagnosed with leukemia and on December 30, 1992 was admitted to Baptist Hospital in Miami to begin chemotherapy. He had an office set up in his hospital room and completed the study while undergoing treatment. **The City of Key West Space Utilization Study** is dated 4 February 1993.

➤ **Cost estimating for conversion of historical structures**

Adaptive reuse and conversion of historical structures is the heart of the Bender & Associates architectural practice. Over the last 38 years, we have built a reputation for excellence in the field of preservation, restoration, rehabilitation and adaptive reuse. We have provided architectural services to the State of Florida, Division of Historical Resources for several commissions, including the report entitled: ***"Sustainable Stewardship: The Environmental Benefits of Historic Preservation in Florida."*** Because of this experience and background, we have gained substantial experience with cost estimating for conversion of historical structures. We feel that accurate cost estimating is critical to the success of any project, but in particular, municipal projects such as Glynn Archer.

The personnel assigned to this project from **Biltmore Construction** are people that we are currently working with on the Keys Energy T&D Building. We have been through extensive value engineering and cost estimating sessions together, and have established a strong working relationship.

Biltmore Construction has completed estimates for all of the following historic adaptive reuse and historic renovation, restoration and historic preservation projects: the **Episcopal Church of the Ascension, Stetson University College of Law** / the historic renovation of the 100+ year old **Bellevue Biltmore Resort** / the **Clearwater Beach Hotel** / **Safety Harbor Spa** / **Ybor City State Museum**, the **Seminole Theatre in Homestead** / the **Palladium Theater** and **St. Mary's Church** in St. Petersburg / **Jennie Murphree Hall** at Florida State University

Our combined experience will provide the City with accurate cost estimates.

➤ **LEED accredited staff professionals**

Sustainability is central to the success of any project and is the founding principle of **Bender & Associates Architects**. In fact, concern for the environment is what fostered Bert Bender's focus on historic preservation.

Bert Bender interned for Paolo Soleri in 1971 and 1972, working on design and construction of Arcosanti, Soleri's prototype sustainable city in the high desert of central Arizona. Upon starting his practice in 1975, he saw the value and significance of the historic built environment. This combination of interests developed to establish the firm as a recognized expert in historic preservation. It is our belief that the greenest building is the one that is already built with the added benefit of preserving the community's heritage.

Our team is intentionally weighted to include **LEED accredited professionals**.

Bender & Associates Architects, P.A.

Bert Bender, LEED AP; David Salay, LEED AP; Haven Burkee, LEED AP;

MC Harry Associates

James Piersol, LEED AP; Thomas Carlson, LEED AP; Javier Torres, LEED AP; Lourdes Solera, LEED AP

Atlantic Engineering, Inc.

Laney Stoddard, LEED AP

HNGS Engineers

Edwin Cerna, LEED AP; Michael Fossler, LEED AP; Louis Paulino, LEED AP

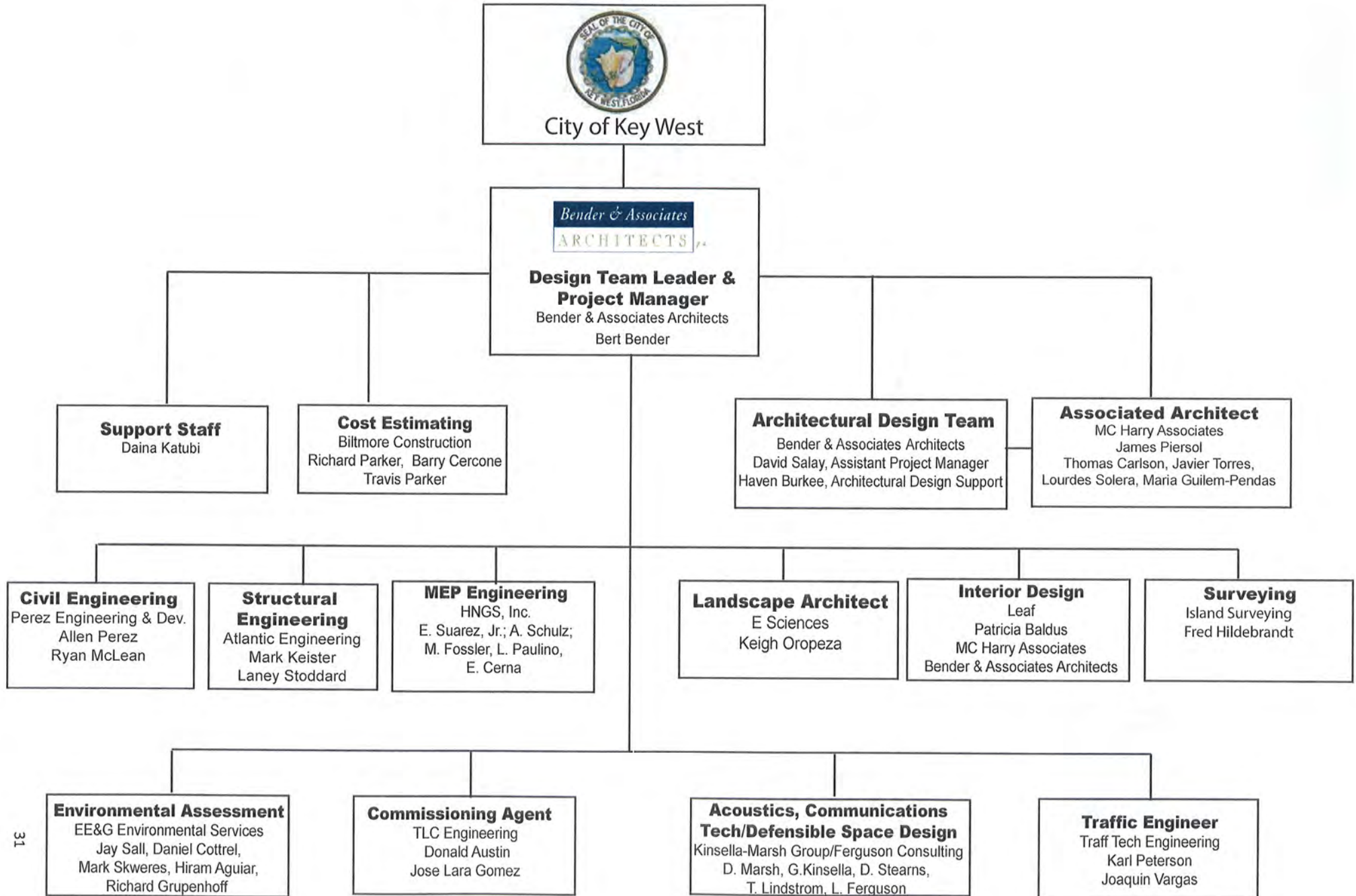
Biltmore Construction

Travis Parker, LEED AP

The resumes for our key staff members follow the Organizational Chart.

ORGANIZATIONAL CHART

Key West City Hall at Glynn Archer School
Adaptive Reuse



BERT L. BENDER, ARCHITECT

LEED[®] Accredited Professional



Professional Interest

Bert Bender established his firm in Flagstaff, Arizona in 1975 and ten years later, moved his practice to Key West, Florida. Bert's internship with visionary architect Paolo Soleri in 1971/72 infused the firm's philosophy of environmentally sensitive and ecologically responsible design. Historic preservation is the natural expansion of this philosophy: sustainability through protection of our existing buildings and historic resources. The firm's original philosophy of environmentally sensitive and ecologically responsible design is maintained as the guiding principal for the firm's work.

Bert Bender has concentrated his professional career on historic preservation and restoration, developing a special expertise in that field. The vast majority of awards received by Bender & Associates Architects are for work with historic properties, and he is considered by many to be an expert in the field.

Bert Bender has been recognized for his architectural contributions and talent with numerous project awards and has had his work published in "Preservation News" a National Trust for Historic Preservation publication, several books on light houses, and numerous newspapers and magazines across the State of Florida.

It is Mr. Bender's intent to produce quality architectural and planning projects that are community and ecologically oriented and timeless in their designs. Several projects incorporated passive solar design, such as the Flagstaff Municipal Complex and 50,000 square foot City Hall. Every project undertaken by Bender & Associates receives the same attention to exacting detail as our nationally known award winning preservation projects.

Professional Experience

- 1994- Principal and President - Bender & Associates Architects, P.A
- 1991-1994 Principal and President - Bender & Delaune Architects, P.A.
- 1975-1991 President of Firm, Bert L. Bender, Architect, Arizona and Florida
- 1974-1975 Nelson Architect, AIA, Flagstaff, Arizona
- 1972-1974 Schoenberger, Straub, Florence & Associates, Phoenix, Arizona
- 1971-1972 Paolo Soleri: Cosanti Foundation, Scottsdale, Arizona
- 1970-1971 The Office of Delbert R. Smith, AIA, Urbana, Illinois

Expert Witness

- 2003 Historic preservation: Monroe County in Monroe County vs Eades
- 2004 Hurricane damage and repairs @ Key Plaza Shopping Center, Key West: Auburndale Properties in Auburndale vs Liberty Mutual Insurance Co.
- 2005 Environment issues vs. property rights: Emmert vs Monroe County
- 2009 ADA issues: Wisniewski vs Tropical Shell
- 2009 Construction issues: Monroe County vs Gonzalez



Registration

Registered Architect
Florida No. AR 0011082
Arizona No. 9755

Education

Bachelor of Architecture, University of Illinois at Urbana

Certifications

LEED[®] AP, United States Green Building Council (USGBC)

Memberships & Affiliations

National Trust for Historic Preservation
Florida Trust for Historic Preservation
United States Green Building Council
Monroe Council of the Arts
Historic Florida Keys Foundation
Key West Art & Historical Society
Bahama Conch Community Land Trust

Service Boards (past & present)

Monroe County Historic Preservation Committee
Technical Advisory Committee
Disaster Mitigation for Historic Resources: Protection Strategies
Key West Historic Architectural Review Committee
Flagstaff Historic Sites Commission

Honors and Awards

Individual Distinguished Service Award, Florida Trust for Historic Preservation, 2005
AIA Award for Design: Greenwood Memorial Park, Mausoleum Chapel, Phoenix, Arizona, 1974
Fourth Bradley Prize, Design: Champaign Public Library, 1969
Second Earle Prize, Design: Champaign, Illinois, CBD Renewal & Mall, 1967
University Honors: Graduated with Honors, Department of Architecture

Publications & Studies

"Historic Preservation Design Manual" for the City of Flagstaff

"Sustainable Stewardship: The Environmental Benefits of Historic Preservation in Florida" In conjunction with Green Building Services for the Florida Department of State Division of Historical Resources

"Florida Lighthouse Study" in conjunction with Kenneth Smith Architects, Inc. for the State of Florida, Division of Historical Resources and The Department of Community Affairs, Florida Coastal Management Program

www.benderarchitects.com

DAVID JAMES SALAY

LEED[®] Accredited Professional



Professional Experience

- Present Associate, Bender & Associates Architects, P.A., Key West, Florida
- 1999 – 2000 Backen, Arrigoni and Ross Architects. Member of 3 person team working on 280 unit multifamily housing project. Responsible for project coordination, presentation to City and Client, design of Recreation Building for project.
- 1998 – 1999 Cary Bernstein Design. Responsible for all office drawing output in two person firm. Residential renovation and commercial work, all in existing building. 3D rendering, client presentation, model building, and all phases of design.
- 1994 – 1998 Tanner, Leddy, Maytum, Stacy Architects. All phases of design and construction. Model building, 3D rendering.

LEED & Florida Green Building Coalition Experience

- 2009 Historic Gainesville Depot, Registered for LEED Certification
- 2008 Bahama Village Community Land Trust Green Projects. 5 Residences renovated to standards of Florida Green Building Coalition.

Selected Projects with Bender & Associates

- Fort Zachary Taylor Historic State Park:** Master Plan for Fort Zachary Taylor Historic State Park, Stabilization - Phase I completed 2009
- Leach Mansion, Martin County, Florida:** Historic Structure Report and construction documents for the historic rehabilitation of 1938 Mansion for use as an Executive Conference Center.
- World War II Barracks, Jupiter, Florida:** Historic Structure Report, Design & Construction Documents
- Barquin Residence, Key West, Florida:** Project architect -design for single family residence in historic area of Old Town, Key West.
- Lighthouse Study for the State of Florida:** A study of Lighthouses in the State of Florida to assess the condition, restoration needs of each historic lighthouse, develop plans for future use and funding requirements to restore the lighthouses to a useful condition.
- Weinbaum Residence:** Project architect - design for single family residence in historic area of Old Town, Key West.
- Mel Fisher Maritime Heritage Society and Museum:** Historic Structure Report for Mel Fisher Maritime Museum
- Pearl's Rainbow:** Master Plan for rehabilitation of buildings at Pearl's Rainbow, Key West, FL, a historic guesthouse, design and construction documents for subsequent phases.

Selected Projects

- San Diego Hall of Champions Sports Museum:** Construction of museum within 1935 building built for California Pacific International Exhibition. Completed design development set as member of 3 person team. Model building.
- Thoreau Center for Sustainability:** Tenant improvement in former military hospital building (1903) - Presidio of San Francisco. Completed design development set as member of 2 person team.

Bender & Associates

ARCHITECTS P.A.

Education

- Masters in Architecture, Tulane University
School of Architecture, 1996
- Bachelor of Architecture, Tulane University
School of Architecture, 1994

Certifications

- LEED[®] AP, United States Green Building
Council (USGBC)

Memberships & Affiliations

- Florida Trust for Historic Preservation
United States Green Building Council

Service Boards (past & present)

- Old Island Restoration Foundation

Honors and Awards

- Commendation on final architectural
thesis
- John Lawrence Memorial Medal for
Design Excellence

Publications & Studies

- "Florida Lighthouse Study"
in conjunction with Kenneth Smith Architects,
Inc. for the State of Florida, Division of
Historical Resources and The Department of
Community Affairs, Florida Coastal
Management Program

HAVEN BURKEE

LEED Accredited Professional



Professional Interest

Haven obtained his architectural degree from Taliesin, The Frank Lloyd Wright School of Architecture in Scottsdale, Arizona and Spring Green, Wisconsin. In November 2002, he began his employment with Bender & Associates to complete his internship and developed into a project management position where he has shown a strong talent for design. His interest in sustainable architecture developed over the years and in April 2005, he received a sabbatical to study environmental responsible green architecture in London, England, returning to Bender & Associates in March 2007. His accomplishments include an award for new construction in the Key West Historic District from the Historic Florida Keys Foundation.

Professional Experience

2002-Present Associate, Bender & Associates Architects, P.A.,
1999 - 2002 Taliesin Architects
1997 - 2002 Burkee Metal (Design/Build Furniture)
1995 - 1997 Allore Brene (Interior Design)

Selected Projects at Bender & Associates

Ostroff Residence, Key West, Florida: Design and construction documents, contract administration of a contemporary new residence in historic downtown Key West.

The Leach Mansion, Stuart, Florida: Staff architect - construction documents for the historic rehabilitation of 1938 Mansion to be used as Executive Conference Center.

Jewel's @ Harbor House, Key West, Florida: Interior remodel of an historic structure located in the Key West Historic District to accommodate commercial space. Provided design, construction documents and construction administration.

Brundage Residence, Arizona: Design and construction documents for new 5,000 square foot residence.

1911 House, Lake Worth, Florida: Construction documents for historic rehabilitation of 1938 Chamber of Commerce and addition of new assembly building.

608 Angela Street, Key West, Florida: Production of construction documents and construction administration to renovate and stabilize existing historic building.

Corns Residence, 1430 Catherine Street, Key West, Florida: Design of three bedroom, three bath, 2000 square foot residence, production of construction documents and construction administration.

Selected Projects

Lloyd Jones Residence: Production of design development drawings & production of structural model used to create prefabricated systems to be erected at building site.

Drummond Residence: Production of construction documents for a new four bedroom residence in Reno, Nevada.

Low Energy Residential Design in the Florida Keys: Dissertation on the key environmental concepts and related building attributes which reduce the energy consumption of residential structures in the Florida Keys.

Bender & Associates

ARCHITECTS P.A.

Education

Master of Architecture in Sustainable Environmental Design, Architectural Association School of Architecture
Bachelor of Architecture Frank Lloyd Wright School of Architecture

Certifications

LEED AP, United States Green Building Council (USGBC)

Memberships & Affiliations

Florida Trust for Historic Preservation
United States Green Building Council

Publications & Studies

"Sustainable Stewardship: The Environmental Benefits of Historic Preservation in Florida"

In conjunction with Green Building Services for the Florida Department of State Division of Historical Resources

JAMES W. PIERSOL, AIA., C.C.S, LEED AP
Principal
M.C. Harry Associates, Inc.



Project Assignment: Principal-In-Charge

Education: University of Florida Master of Arts in Architecture

Professional Registration: Florida Architect #8079 / Certified Construction Specifier

Professional Affiliations: American Institute of Architects,
Construction Specifications Institute,
National Trust for Historic Preservation

Mr. Piersol has more than 35 years of experience in the planning, design and construction of major public buildings including municipal facilities; vintage building renovations; and historic restorations. Mr. Piersol has also been responsible for numerous studies, consultation reports, construction cost estimates and technical specifications. Awards include a Citation Award for Technical Excellence in the production of Contract Documents from the Construction Specifications Institute; the F.A.A.I.A. Bronze Medal; and the AIA Miami Historic Preservation Award.

Relevant Experience

Dade County Courthouse Restorations *Listed on National Register of Historic Places*

Principal in Charge for Renovation and restoration of Miami's historic Dade County Courthouse. This multiphase project has included restoration of the terra cotta facade, and the interior restorations of monumental and historically significant spaces. Other elements of the restoration program have included historically accurate window replacements; restorations and renovations to Judicial Court facilities, modernization of building utilities and systems, introduction of a building wide security system, space planning, and interior design improvements.

Historic Fire Station No. 2 Restoration and Renovation, City of Miami *Listed on National Register of Historic Places*

Principal in Charge. The project's prime objective is to restore and rehabilitate a 1926 vintage Fire Station; and to provide a facility adapted for reuse by the City's 'Community Redevelopment Agency' with accommodations for a City Police Substation on the second floor, and a retail food and beverage facility on the floor below. Reuse of the building required the removal of piecemeal additions and the construction of new floors, walls and ceilings, the careful integration of HVAC, electrical, plumbing, life safety and lighting systems, restrooms, egress stairs and a passenger elevator.

Historic City Hall Window Restoration, City of Coral Gables *Listed on National Register of Historic Places*

Principal in Charge. MCHarry worked with the City of Coral Gables to restore the wood windows in City Hall. This project involved on-site selective removal of components for research. The restoration met the Federal and State requirements for historic restoration.

Vizcaya Museum and Gardens, Courtyard Restoration *Listed on National Register of Historic Places*

Principal in Charge. In 2005 the main house suffered significant water intrusion and damage from Hurricanes Katrina and Wilma. Six years later with a FEMA grant in hand, the Museum selected MC Harry Associates to design a weather-protective glass canopy enclosing the courtyard to protect the main house and its delicate interiors. The elegantly understated design solution does not compete with the setting's historic backdrop and offers a quality of natural light that rivals the original open air courtyard experience.

City of Opa Locka City Hall Historic Restoration *Listed on National Register of Historic Places*

Principal in Charge. The project includes an analysis of existing conditions, development of a program for complete renovation / restoration to be implemented in phases and to identify the cost implications of reuse as a community activities venue combined with selective city administrative functions.

THOMAS M. CARLSON, AIA, LEED AP

Principal

M.C. Harry Associates, Inc.



Project Assignment: Design Director

Education: Iowa State University Bachelor of Architecture

Professional Registration: Florida Architect #7420
NCARB Certified

Professional Affiliations: American Institute of Architects
US Green Building Council

As the design principal of the firm, Mr. Carlson is responsible for developing project specific conceptual design, managing their development through each project phase. Mr. Carlson is a hands on architect who promotes spirited team collaboration to ensure that the very best ideas are considered and presented to the client. He is an effective team leader and motivator, whose focus is on well-managed, quality design projects delivered on time and within budget.

Relevant Experience

North Palm Beach Government Center

Design Principal for the Design Build of a 72,000sf addition to an existing 32,000sf courthouse building. The consolidated design houses multiple courtrooms and support spaces including judge’s chambers, attorney / client conference rooms, a law library, space for the County Sheriff and their detention facilities, the Public Defender, County Clerk and a variety of County Commission offices. The design integrated building-wide security comprised of video surveillance, intrusion prevention, holding cell control, all-call intercom paging and interface with fire alarm systems.

Village of Islamorada, Municipal Center Design

Design Principal for the design of a new village hall complex that includes a Village Council Chambers doubling as an emergency operations center; Administration and Finance Department, Planning and Zoning, Building Code Compliance Services, Public Works Department, Village Council Chambers, Village Clerk’s Office and administrative offices for the Village Manager. The project was completed through 100% construction documents.

Lauderdale Lakes DCP City Hall Campus

Design Principal for the planning, space programming, preliminary design and cost analysis of the City’s 5 year Capital Improvements program. Expansion opportunities include the adaptive reuse, renovation , refurbishment and hardening of several existing campus buildings. The plan included roadside safety and traffic calming improvements, various city-entrance structures and a passive park.

Town of Miami Lakes DCP City Hall

Design Criteria Professional for a new 25,000sf City Hall to accommodate their executive and general administrative offices, building and zoning department and public safety department.

Historic Fire Station No. 2 Restoration and Renovation, City of Miami *Listed on National Register of Historic Places*

Design Principal. The projects prime objective is to restore and rehabilitate a 1926 vintage Fire Station; and to provide a facility adapted for reuse by the City’s ‘Community Redevelopment Agency’ with accommodations for a City Police Substation on the second floor, and a retail food and beverage facility on the floor below.

Graham Center Auditoriums

Design Principal for the renovation of two aging auditorium spaces, the project included new floor, wall and ceiling treatments, new terraced seating, programmable lighting system, state of the art audio-visual infrastructure, acoustical control strategies and entry vestibules



JAVIER TORRES, AIA, LEED AP
Principal
M.C. Harry Associates, Inc.



Project Assignment: Project Architect

Education: Florida A&M University, 1998 /
Bachelor of Science, Florida A&M University 1994

Professional registration: Florida Architect #94538
American Institute of Architects

Mr. Torres' extensive prior experience with MC Harry's municipal clientele has prepared him for this project. He is a proactive project architect/manager that places high priority on meeting clients' needs and expectations. Mr. Torres has recent experience achieving LEED certification for his projects and understands well the intricacies of the certification process.

Relevant Experience

Royal Oaks Park Community Center, Town of Miami Lakes

Project Architect for Town of Miami Lakes, a gold level LEED certified 9,000sf facility comprised of a main entry lobby / circulation core; a reception / office space; a multipurpose room with operable partitions dividing the space into four separate venues; and a warming kitchen.

Vizcaya Community Center, City of Miramar

Project Architect for The 7,660 GSF single story 'green' Community Center building serves as the anchor and support facility for the 20 acre park development. The project achieved LEED Gold certification.

Town of Miami Lakes DCP City Hall

Project Architect, Design Criteria Professional for a new 25,000sf City Hall for a new City Hall to accommodate their executive and general administrative offices, building and zoning department and public safety.

Lauderdale Lakes DCP City Hall Campus

Project Architect for the planning, space programming, preliminary design and cost analysis of the City's 5 year Capital Improvements program. Expansion opportunities include the adaptive reuse, renovation, refurbishment and hardening of several existing campus buildings. The plan included roadside safety and traffic calming improvements, various city-entrance structures and a passive park.

Murray Park Recreational Center, City of South Miami

Project Architecture for a 23,000sf facility with a gymnasium, classrooms, arts and crafts workshops, administrative offices, and a multipurpose room.

Mary L. Rice Service Center, Florida Keys Aqueduct Authority

Project Architect for the Florida Keys Aqueduct Authority's customer service center, a two story 'green' building located on a wooded 2.25 acre site on Vaca Key. The 10,000sf project is a direct response to the Florida Keys' historic concern for energy and water efficiency. It will be used as a teaching tool for visitors and customers that frequent the facility. The project is tracking LEED Platinum certification.

Country Club Park of Miami Clubhouse & Pool Facility, Dade County Parks

Project Architect for a municipal community center with two separate buildings totaling 10,400sf. The Scope elements include lobby/reception space; multipurpose / dining room; outdoor dining patio; warming kitchen for catered events; exercise room, meeting room, media/activity room, public swimming pool and related toilet / shower with locker rooms with a security office.

LOURDES SOLERA, FAIA, LEED AP

Principal

M.C. Harry Associates, Inc.



Project Assignment: Project Architect

Education: Mississippi State University Bachelor of Architecture, 1987
University of Virginia Master of Architectural History, 1991

Professional Registration: Florida Architect #14445

Professional Affiliations: American Institute of Architects
US Green Building Council

Ms. Solera has been an advocate and teacher of architectural history for over 18 years, particularly the Art Deco period. Her masters thesis for the University of Virginia, focused on one of Miami Beach's most prolific architects during the 1930's: L. Murray Dixon. She has studied and lectured on Dixon and Miami Beach during this period. Ms. Solera sits on the Florida Board of Architecture and Interior Design. In addition to her expertise of Historic Preservation and Architectural History, she has a broad range of experience in both public and private sector projects. She has over twenty years of experience in facility planning and ADA Analysis and implementation as well as program management. Her qualifications and responsibilities have allowed her to take a project from its initial development into final construction. She has technical expertise in programming, schematic design, design development, construction documents, project management and coordination, specifications and construction administration.

Relevant Experience

Historic Courtroom 6-1, Dade County Historic Courthouse *Listed on National Register of Historic Places:*

Project Architect for Restoration of historic courtroom in the Dade County Courthouse. Restoration included research on the history of the courtroom; assistance with Grant Application resulting in \$300,000 in funding; restoring decorative millwork; and restoring wall finishes and custom light fixtures. This project received a 2008 design award from AIA Miami and 2009 award from Florida Trust for Historic Preservation and Dade Heritage Trust.

Historic Fire Station No. 2 Restoration and Renovation, City of Miami *Listed on National Register of Historic Places*

The projects prime objective is to restore and rehabilitate a 1926 vintage Fire Station; and to provide a facility adapted for reuse by the City's 'Community Redevelopment Agency' with accommodations for a City Police Substation on the second floor, and a retail food and beverage facility on the floor below. Reuse of the building required the removal of piecemeal additions and the construction of new floors, walls and ceilings, the careful integration of HVAC, electrical, plumbing, life safety and lighting systems, restrooms, egress stairs and an accessible passenger elevator.

Vizcaya Museum and Gardens, Courtyard Restoration *Listed on National Register of Historic Places*

In 2005 the house suffered significant water intrusion and damage from Hurricanes Katrina and Wilma. Six years later with a FEMA grant in hand, the Museum selected MC Harry Associates to design a weather-protective glass canopy enclosing the courtyard to protect the main house and its delicate interiors. The elegantly understated design solution that does not compete with the setting's historic backdrop and offers a quality of natural light that rivals the original open air courtyard experience.

City of Opa Locka City Hall Historic Restoration *Listed on National Register of Historic Places*

Principal in Charge. The project includes an analysis of existing conditions, development of a program for complete renovation / restoration to be implemented in phases and to identify the cost implications of reuse as a community activities venue combined with selective city administrative functions.



MARIA GUILLEM-PENDAS
Senior Associate
M.C. Harry Associates, Inc.



Project Assignment: ADA Compliance

Education: Bachelor of Architecture – University of Miami 1987

Ms. Guillem-Pendas will provide ADA oversight and design compliance services. She has over twenty years of experience in building programming, space design and construction documentation. Ms. Guillem Pendas has served as project manager for various renovations and remodeling projects for public clients, including historical restoration projects.

Relevant Experience

Historic Renovations and Restoration - Courtroom 6-1

Project Interior Design. Restoration of historic courtroom in the Dade County Courthouse. Restoration included research on the history of the courtroom; assistance with Grant Application resulting in \$300,000 in funding; restoring decorative millwork; and restoring wall finishes and custom light fixtures. This project received a 2008 design award from AIA Miami and multiple awards in Year 2009 from the Florida Trust for Historic Preservation, Dade Heritage Trust and AIA Florida.

ADA Transition Plan - Broward County Public Works

Project Architecture. Project scope of work included survey analysis and documentation of accessibility barriers for over 2.5 million square feet of public facilities county wide. Coordination with over eight different county departments and user agencies such as the Public Works Department, Broward County Aviation Department and Broward County Libraries Division and Port Everglades.

Renovations and Improvements to Historic Facilities - City of Miami Beach

Project Architecture for the Development of various renovations to Historical and Iconic facilities to the City of Miami Beach. These facilities had to maintain the Art Deco look while being able to meet applicable ADA Code Compliance. The facilities included: Old Municipal Office Building, Beach Patrol Headquarters and the 10th Street Auditorium.

Miami-Dade County General Services Administration

ADA Barrier Removal - Stephen P. Clark Center Building
ADA Barrier Removal - Miami-Dade County Parking lots and Parking Garages
ADA Barrier Removal - Communication Action Administration
ADA Barrier Removal - Miami Museum of Science and Space Transit Planetarium
ADA Barrier Removal - West Dade Library

Courthouse Center – Miami, Florida

28-29th Floor Courtroom Expansion
30th Floor Administrative Office of the Courts
30th Floor – Chief Judges Chambers, Offices and Courtroom

South Dade Government Center – Miami, Florida

Project Interior Design for the 29th floor renovations, designed to accommodate 3 courtrooms and associated support spaces. Each courtroom was supported with a Judge's Chamber and a Bailiff's office. The 30th floor accommodates a large ceremonial courtroom and related chambers and offices for the Chief Judge.



DIRECTOR OF LANDSCAPE ARCHITECTURE

EDUCATION

1981 BLA Landscape Architecture
Louisiana State University

1977 Associate of Arts
Brevard College

REGISTRATIONS / MEMBERSHIPS

Professional Landscape Architect
Florida 1023
Pennsylvania 001084R
Illinois 157-000244
Texas 01737

FDOT Group 15 – Landscape Architect

1984 – Present American Society of Landscape
Architects

CAREER SUMMARY

30+ Years Experience

Award winning design and management from
planning to site specific design—for municipal,
resort, theme park, healthcare, residential,
transportation, master planning

International Projects & Clients — US, Brazil,
China, Taiwan, United Arab Emirates

Part of a security enhancement team for US
Embassies worldwide

PRESENTATIONS

2012 American Society of Landscape Architects
Florida Chapter
Changing Professional Trends

2011 Florida Chamber Annual Environmental
Permitting Summer School
Linking Growth With Water Availability

2011 Secovi SP – Sindicato de Habitacao
Sao Paulo, Brazil
Trends in New Urbanism

2008 SCOPEL Brazil – Promotional Video
*Benefits of Landscape Architecture in Community
Planning*

2004 Landscape Architecture Bash
University of Florida
Theme Park Design

1996 Costa Rica Society of Architects
Trends in American Landscape Architecture

PUBLIC SERVICE

2010 -11 City of Orlando / Harry P. Leu Botanical Gardens
Chairman

2008 -10 City of Orlando / Harry P. Leu Botanical Gardens
Board of Trustees

2004 - 08 Downtown Orlando Development Board DRC
Vice Chair

2009 Rotary Club International – Orlando

1993 - 94 Central Florida Zoological Park – Sanford
Board of Directors

PROFESSIONAL AWARDS

**Florida Chapter – American Society of Landscape
Architects**

2010 Award of Honor – Shenfu New Town, China

2005 Award of Excellence – Catholic Diocese of Orlando

2003 Frederic B. Stresau Award of Excellence
Royal Pacific Resort at Universal Studios Florida

2001 Award of Excellence – SeaWorld Discovery Cove

1999 Award of Excellence – Universal Studios Florida Area
Development

Florida Nurserymen & Growers Landscape Association

2009 Award of Excellence – SeaWorld Aquatica

1997 Award of Excellence Best in Category
Universal , Florida Area Development

MATTHEW J. ALLEN, ASLA
LANDSCAPE DESIGNER



EDUCATION

2008 BLA Landscape Architecture
University of Florida (Magna Cum Laude)

Sigma Lambda Alpha Landscape
Architecture Student Honor Society

CAREER SUMMARY

Mr. Allen is a Landscape Designer with 4 years of experience in project level landscape design and planning, including conceptual design, to construction documentation and administration. Mr. Allen has provided his experience as a Landscape Designer to various projects including theme parks, resorts, and master-plan designs. Some of his significant projects include LEGOLAND Florida and the 2016 Olympic Master Plan Design for Rio de Janeiro, Brazil.

PROFESSIONAL SERVICE

2010 – Present Florida Chapter, American
Society of Landscape
Architects
Executive Committee

2010 – Present **Chair, Design Awards
Committee**

REPRESENTATIVE PROJECTS

Vizcaya Museum and Gardens
Landscape Restoration
Project Manager

DANIEL A. ROGERS, CNU
LANDSCAPE ARCHITECT



EDUCATION

1999 BLA Landscape Architecture
Mississippi State University

REGISTRATIONS / MEMBERSHIPS

2006 Professional Landscape Architect
Florida LA6666866

2011 – Present
Congress for New Urbanism / Member

AWARDS

2006 Florida Chapter ASLA Honor Award,
Catholic Diocese of Orlando

CAREER SUMMARY

Mr. Rogers has over 12 years of experience developing landscape architectural packages of varying complexity, type and scale. His experience includes the creation of conceptual design ideas, visions and goals through the use of free-hand sketches and graphics, as well as technical experience includes preparing permit and/or construction document packages, involving coordination with the client, municipalities/regulatory agencies, consultants and other team members.

REPRESENTATIVE PROJECTS

Catholic Diocese of Orlando,
Orlando, Florida
Historic Renovation
Project Manager

Vizcaya Museum and Gardens
Miami, Florida
Landscape Restoration
Project Designer

Seminole County Criminal Justice Center
Seminole County, Florida
Project Landscape Architect

Patricia Baldus

Interior Designer



Leaf
708 William Street
Key West FL 33040
305/890-6176
leafmodern@msn.com

Academic Qualifications
BA Interior Design
Adrian College 1979-1983

SAMPLE PROJECTS

**The Lutheran Foundation
an international project.**

**LH Carbide Corporation
an international project.**

**Club Soda Restaurant
Indianapolis IN.**

**Kachmann Mind Body Yoga
Institution, Lutheran
Hospital
Fort Wayne IN.**

**Spa al Mare, Casa Marina
Resort Hotel
Key West FL.**

Personal Summary

A confident, competent and creative interior designer with strong leadership skills, experienced in working well with others toward a collective goal. An ambitious and dedicated design professional with a proven ability to generate problem solving techniques and offer fresh solutions to design challenges. Well travelled, motivated by innovative design and architecture, drawn to a pure aesthetic.

Work Experience

1986-Present

Owner of Leaf, a design consultancy firm specializing in interior architectural planning and execution. Involved in a wide array of mid to high level commercial and private projects. Capable of running projects from initial concept to completion.

Duties

Meet with new and existing clients to determine their requirements. Deliver projects under strict deadlines and within the client's budgets. Visualize solutions to maximize interior space and create a master plan.

Prepare drawings, sketches, proposals, written specifications and quotations.

Order all product including furniture, lighting, flooring, finish materials, artwork.

Coordinate and manage all trades.

Skills

Organize and maintain a reference library.

Extensive experience in sourcing and specification.

Strong knowledge of construction detailing and material properties.

Highly developed attention to detail.

References

Available upon request.

Donna M. Bosold, AICP
P.O.Box 1553, Key West Florida 33041-1553
Donna.bosold@att.net
305.942.1064



Donna has been a professionally and socially active member of the Florida Keys community since 1986.

CAREER SUMMARY

Donna Bosold LLC Principal (formerly Donna Bosold, AICP) 2010 – current

Provides site analysis and planning services for a wide range of clients for new construction and redevelopment of commercial and residential properties throughout Monroe County.

Senior Planner, The Craig Company, Key West, FL 2007 to 2010

Planner providing site analysis and planning services for a wide range of clients for new construction, utilities, commercial, and resort redevelopment projects throughout Monroe County, including comprehensive plan and land development regulation amendments.

Planning Coordinator, Upper Keys, Monroe County, Florida 2006-2007

Administrative position facilitating development review and permitting services provided by a planning staff of five, while serving as an historical resource and community liaison. Participated in the Tavernier CommuniKeys smartgrowth process. Position evolved to include expanded departmental service as Development Review Committee Chair and coordination of internal process improvements.

Human Resources Manager, Florida Keys Electrical Cooperative, Tavernier, FL 2000- 2006

Administrative position responsible for coordinating development and application of human resource policies in compliance with state and federal laws for 126 employees and board of directors. Included strategic development and administration of succession planning, compensation, labor negotiations, benefits administration, recruitment, and continuing education. Participated in review of on-going needs analysis of transmission line, substation enhancement, and facilities expansion, including "green" office construction for main office.

Branch Manager, Monroe County Libraries 1994-2000

Administrative position responsible for daily operations and facilities maintenance and, including customer service, collection development, program development, community outreach, inter-agency coordination and donor cultivation. Management of 5 employees and upwards of 50 community service volunteers.

Senior Planner-Acting Development Review Coordinator, Monroe County 1989- 1994

Progressive and varied responsibilities involving interpretation and application of the Monroe County Comprehensive Plan and Land Development Regulations including as-of-right, vested rights, conditional uses, variances, text, and map amendments.

Mike Griffin Signs Key Largo, FL 1989-2003

Third generation family outdoor advertising business providing design, fabrication and installation services throughout Monroe County; billboard services throughout Florida. Assisted in fabrication and design phases of work, and provided private sector input for multiple sign ordinance revisions.

EDUCATION

BA English/German, University of Wisconsin, La Crosse, Wisconsin 1981
American Institute of Certified Planners, 080646 1994
Certificate, Sr. Human Resources Professional, HRCI 2005
Certificate, Collective Bargaining, Cornell University, ILR 2005

COMMUNITY INVOLVEMENT

Current Service

Historic Architectural Review Commission, Key West, FL
Historic Preservation Commission, Monroe County, FL
Anne McKee Artist's Fund of the Florida Keys
Keys Children's Foundation, Ocean Reef

Member

American Planning Association
Florida Keys Council of the Arts
The Studios of Key West
Upper Keys Rotary

Past Service

Monroe county Art In Public Places
Sculpture Key West
Upper Keys Rotary
East Everglades Orchid Society
Hospice/VNA of the Florida Keys
Good Health Clinic, Tavernier
Jacobs Aquatic Center, Key Largo
Habitat for Humanity, Upper Keys

Grievance Committee of the 16th Judicial Circuit Court
Coral Shores High School SAC
Key Largo School Advisory Council (SAC)

Allen E. Perez, P.E.

President



Education	Bachelor of Science in Civil Engineering University of South Florida, 1992 Master of Science in Civil Engineering University of South Florida, 1995
Years of Experience	20
Years at Perez Engineering	13
Registration/Licenses	Professional Engineer: Florida #51468
Summary	<p>Mr. Perez has more than twenty (20) years of experience sanitary sewer systems, storm water systems, and potable water systems. His experience includes the management and technical preparation of master plans, construction documents, permit submittals, and construction services for a wide variety of development activity. Mr. Perez has been providing professional engineering services, from his Key West office, for projects throughout the Florida Keys for over thirteen (13) years. He has assisted the City of Key West with the accelerated sanitary sewer rehabilitation project as well as numerous storm water projects. Mr. Perez has extensive experience with sanitary sewer projects throughout the Keys:</p> <ul style="list-style-type: none">• Deep Well Injection System – City of Key West WWTP (Approx. \$4 million)• Misc. Sewer Repairs – City of Key West (Approx. \$2 million)• Sewer Rehab. of District DA – City of Key West (Approx. \$5 million)• Pump Station 'A' Rehab – City of Key West (Approx. \$2 million)• Sewer replacement at Truman Annex and Trumbo Point – NAS Key West (Approx. \$2 million)• City of Layton development and review of a conceptual wastewater facilities plan• Key West Housing Authority sewer improvements – (Approx. \$3 million)• Venture Out at Cudjoe Cay sewer improvements – (Approx. \$2 million)• Coral Hammock vacuum sewer – Stock Island (Approx. \$250,000)• Meridian West vacuum sewer – Stock Island (Approx \$400,000)• Rockland Key Force Main and Reuse Main – Florida Keys Aqueduct Authority• Flagler's Village vacuum sewer – Stock Island (Approx. \$350,000) <p>Mr. Perez has experience in providing Civil Engineering services for a variety of private and public sector clients. The following is a summary of some of his current and past public sector continuing services contracts:</p> <ul style="list-style-type: none">• <i>City of Key West</i><ul style="list-style-type: none">➤ <i>General Storm Water and Wastewater Engineer</i>➤ <i>Professional Engineering Consulting Services</i>• <i>Monroe County</i><ul style="list-style-type: none">➤ <i>General Airport Consultant</i>➤ <i>Architectural/Engineering Services for Small Projects</i>• <i>Florida Keys Aqueduct Authority</i><ul style="list-style-type: none">➤ <i>General Engineering Services</i>• <i>Monroe County Housing Authority</i><ul style="list-style-type: none">➤ <i>General Engineering Services</i>• <i>Key West Housing Authority</i><ul style="list-style-type: none">➤ <i>General Engineering Services</i>• <i>Monroe County School Board</i><ul style="list-style-type: none">➤ <i>General Engineering Services</i>

Ryan T. McLean, E.I.
 Project Engineer
 Perez Engineering & Development, Inc.

Education	Bachelor of Science in Civil Engineering University of Central Florida, 2007
Years of Experience	5
Years at Perez Engineering	5
Registration/Licenses	Engineer Intern: Florida #1100012956
Summary	<p>Mr. McLean has five (5) years of experience in all facets of Land Development, including Stormwater, Sanitary Sewer Design, Water Distribution systems, Sediment & Erosion Control, Permitting, and Environmental Considerations. Mr. McLean has extensive regulatory permitting experience including the acquisition of permits through such jurisdictional agencies as SFWMD, FDEP, DOH, FDOT, and regional municipalities. Mr. McLean is adept in using computer programs such as ICPR, ARCGIS, Hydra Storm Sewers, AutoCAD, and Microstation.</p> <p>Mr. McLean has experience in providing Civil Engineering services for clients in the public, private, military, and institutional sectors. The following is a sampling of recent project experience:</p> <ul style="list-style-type: none"> • <i>Irving Eyster Museum and Conference Center at the Islander Resort, Islamorada, FL</i> • <i>Church of Jesus Christ of Latter-Day Saints Meetinghouse, Key West, FL</i> • <i>City of Key West Glynn Archer Dr. (14th Street) Rehabilitation, Key West, FL.</i> • <i>Horace O' Bryant Middle School , Key West, FL</i> • <i>Florida Keys Community College Student Housing Facility, Key West, FL</i> • <i>Blue Water Affordable Housing Community, Tavernier, FL</i> • <i>Walgreens, Marathon, FL</i> • <i>City of Key West United Street Rehabilitation, Key West, FL</i> • <i>Florida Key Aqueduct Authority Marathon Distribution Upgrade, Marathon, FL</i> • <i>City of Key West Gravity Injection Wells, Phase V, Key West, FL</i> • <i>Poinciana Royale Housing Complex. Key West, Florida</i>



Atlantic Engineering Services

MARK J. KEISTER, P.E.

President

Atlantic Engineering Services of Jacksonville

Position: Principal in Charge

Education: Bachelor of Science, Engineering
Duke University, 1981
Master of Science in Civil Engineering
Georgia Institute of Technology, 1983

Experience:

Mr. Keister began his career as a structural engineer in 1983 in Atlanta, Georgia. Since then he has been providing consulting structural engineering service and expertise to architects and owners throughout the southeast. His projects include apartment complexes, educational facilities, dormitories, laboratories, hotels, churches, extended nursing care facilities, office buildings, hospitals, theaters, manufacturing plants and parking garages. He has a great deal of experience evaluating existing structures, and in rehabilitation and repair of these structures. He is well known for his expertise in reinforced concrete structures due to his vast experience on both new and existing structures.

Professional Registrations: Licensed Professional Engineer in Florida, Alabama, Arkansas, Georgia, Kentucky, Louisiana, Maryland, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia and Wisconsin. Mr. Keister is licensed as a Special Inspector in Florida and is NCEES certified.

Professional Memberships: American Concrete Institute
Past President and Board Member, Florida First Coast Chapter
American Institute of Steel Construction
American Society of Civil Engineers
Coalition of American Structural Engineers
Concrete Reinforcing Steel Institute
Construction Specifications Institute
Florida Engineering Society
Engineer of the Year 2001
Florida Institute of Consulting Engineers
Florida Structural Engineers Association
National Society of Professional Engineers
Post Tensioning Institute
Society of Marketing Professional Services
Structural Engineering Certification Board

Public Service: Building Inspection Division Advisory Committee
NFSEA Representative



Atlantic Engineering Services

LANEY S. STODDARD, P.E., LEED AP
Project Engineer
Atlantic Engineering Services of Jacksonville

Position: Project Engineer

Education: Bachelor of Science in Engineering
Duke University, 2002
Master of Science in Civil Engineering
Georgia Institute of Technology, 2003

Experience:

Ms. Stoddard has developed experience with a wide variety of building materials including concrete, steel, timber, masonry, and post-tensioned concrete. Since joining the profession in 2003, she has been involved in the design of a variety of structures including condominiums, educational facilities, libraries and commercial buildings. She has extensive experience in mid-rise post-tensioned concrete structures. Ms. Stoddard has performed threshold inspections on projects such as The Dunes Club Villa Condominiums, Watermark Condominiums and Valencia Condominiums.

In addition, Ms. Stoddard has an impressive list of design-build, military projects for the U.S. Navy and Army Corps of Engineers including, barracks, child development centers, battalion headquarters, and administrative facilities. Her experience includes design of new structures as well as retrofitting of existing structures to resist progressive collapse. She is knowledgeable in the design of structures, requiring Anti-Terrorism/Force Protection criteria, including design for blast loads. Ms. Stoddard is a **LEED Accredited Professional** and has experience in managing successful implementation of the Leadership in Energy and Environmental Design (LEED) Green Building Rating System.

Her duties include day to day project supervision, project scheduling, project design, construction observation and coordination with other consultants.

Professional Registrations: Licensed Professional Engineer in Florida
LEED Accredited Professional

Professional Memberships: American Concrete Institute
American Institute of Steel Construction
Florida Structural Engineers Association

Public Service: ACE Mentor Program
ACE Mentor 2007 – 2008

Awards: Georgia Institute of Technology / American Society of Civil Engineers
Graduate Student Award 2002 - 2003

EXPERIENCE SUMMARY

Edwin joined Hufsey-Nicolaides-Garcia-Suarez, Inc. in 2005. Duties include providing Mechanical Engineering for projects such as office buildings, schools, airport terminals, apartment buildings, banks, marinas, restaurants, hotels/residential and condominiums.

RESPONSIBILITIES

Heating, ventilation, air conditioning, plumbing, fire protection design, energy studies and smoke control rational analysis.

RELATIVE PROJECTS

United Stated Courthouse, Miami, Florida.
Palm Beach Shores Town, Center, Palm Beach Shores, Florida
University of Miami School of Music, Coral Gables, Florida
MDCC Wolfson Campus Student Life Building Renovation
Miami-Dade Community College Environmental Science and Criminal Justice Building, Miami, FL
Florida International University School of Architecture, Miami, Florida
North Twin Lakes Elementary, Miami, Florida
University of Miami Clinical Research Building, Garage and Wellness Center, Coral Gables, Florida
Florida International University Artist Studio, Miami, Florida
Florida International University Graduate School of Business, Miami, Florida
BCC Building 17 Renovations, Cocoa Beach, Florida
Jensen Beach High School, Cocoa Beach, Florida
University of Miami, Otto G. Richter Library, Miami, Florida
Florida Keys Aqueduct Authority, Stock Island Customer Service, Bldg.
World War II Barracks Historic Renovations, Town of Jupiter, Florida
Miami Dade Community College, Bldg 3000 Renovations, Miami, Florida
Butterfield Bank Building, George Town, Grand Cayman
Miller's Pond Park Recreation Center
Onyx II Condominium, Miami, Florida
Modello Condominium, Dania Beach, Florida
Dupont Plaza Hotel/Condominium, Miami, Florida
The Hammocks at Marathon, Sales Center, Marathon, Florida
Miami International Airport - South Terminal Expansion, Miami, Florida
Miami International Airport Regional Commuter Facility, Miami, Florida
Grand Bahamas International Airport Expansion, Freeport, Bahamas
2153 Coral Way Office Building Renovations, Miami, Florida
Coconut Creek High School Renovation
Butterfield Bank, Grand Cayman, B.W.I.
Oakland Park Elementary Remodeling, Broward County, Florida
Kendall Café Miami-Dade College, Kendall Campus, Florida
Jorge Fernandez School of Business Administration, University of Miami, Coral Gables, Florida
MET 2 Office Building Green Certification, Miami, Florida
Pines Retirement Home, Grand Cayman, B.W.I.
MRCU Hangar, Grand Cayman, B.W.I.

EDUCATION/AFFILIATIONS

Bachelor of Science in Architectural Engineering, University of Miami 2002

Bachelor of Science in Civil Engineering, University of Miami 2002

Professional Engineer, State of Florida, 2009

LEED AP, 2009

**LUIS A. PAULINO, E. E., LEED AP
SENIOR ASSOCIATE**



EXPERIENCE SUMMARY

Joined Hufsey-Nicolaides-Garcia-Suarez Associates, Inc. in 1984. Duties include the design of various electrical systems, such as interior and area lighting, power distribution systems, emergency systems, communication systems and computer power systems for most types of residential, commercial and industrial facilities. Typical examples of projects are hotels, hospitals, parking garages buildings, office buildings, schools, high-rise residential buildings, airport terminal buildings, merchandise malls/stores. Associate of the firm since 1993.

RESPONSABILITIES

Interior and area lighting design, emergency systems and fire alarm systems. Electrical power distribution systems. Provides design of electrical systems, for projects such as shopping centers, restaurants, hotels, multi-family projects (high-rise and low-rise), industrial facilities and office buildings.

RELATIVE PROJECTS

Parkway Medical Center, Total Ancillary Renovations and Additions, Miami, Florida
MET 2, Miami, Florida
1060 Brickell Avenue, Miami, Florida
The Peninsula I, Aventura, Florida
The Peninsula II, Aventura, Florida
The Hamptons, Aventura, Florida
Parkshore, St. Petersburg, Florida
Mosaic, Miami Beach, Florida
Related Lofts, Miami, Florida
Onyx I, Miami, Florida
Park Place at Brickell, Miami, Florida
Brickell View, Miami, Florida
Marriott Ocean Point, Palm Beach Shores, Florida
Homestead Motorsports, Homestead, Florida
Ugland House Office Building, Grand Cayman, B.W.I.
MIA Cargo Building N-805, Miami International Airport, Miami, Florida
Marina Grande, North Miami Beach, Florida
Fisher Island Oceanside Buildings #1 and #2, Miami, Florida
Sommerset Condominium, Marco Island, Florida
The Great House Condominium, Grand Cayman Island, B.W.I.
Fisher Island Harbour View Buildings #1 thru #4, Miami, Florida
Fisher Island Bayview #5 thru #8, Miami, Florida
Spinnaker Pointe Building #1, Marco Island, Florida
Marco Point Building #4, Marco Island, Florida
Mediterranean Village Buildings "B", "C" & "D", Williams Island, Florida
Capobella Apartment Building, Miami Beach, Florida
Floridian Rental Building, Miami Beach, Florida
Port of Miami Park 12, Port of Miami, Florida
Port Calica Ferry Terminal, Cancun, Mexico
Brickell Yacht Club, Miami, Florida
Yacht Club at Portofino, Miami Beach, Florida
Fisher Island Seaside Apartment Buildings, Miami, Florida
Britannia Apartment Phase II, Grand Cayman Islands, B.W.I.

EDUCATION/AFFILIATIONS

Bachelor of Science in Electrical Engineering, Pedro Henriquez Urena National University (Dominican Republic), 1983.

LEED AP, 2009

**MICHAEL L. FOSSLER, E. I., LEED AP
SENIOR ASSOCIATE**



EXPERIENCE SUMMARY

Michael has more than 25 years providing HVAC, plumbing and electrical consultation and construction management for industrial, commercial and residential facilities as well as municipal and hospital facilities. Joined Hufsey-Nicolaides-Garcia-Suarez Associates, Inc. in 1980. Associate of the firm since 1986.

RESPONSIBILITIES

Heating, Ventilation, Air Conditioning, Fire Protection and Plumbing design and construction management. Some of the special systems include Hospital Medical Gases, Solar Water Heating Systems and Energy Conservation Studies, Sewage Disposal and Fuel Transfer Systems.

RELATIVE PROJECTS

EPIC Hotel/Residences, Miami, Florida
Four Seasons Hotel and Tower, Miami, Florida
Marriott Ocean Point, Palm Beach Shores, Florida
Fontainebleau II & III, Hotel/Condominium, Miami Beach, Florida
Onyx II Condominium, Miami, Florida
Dupont Plaza Hotel/Condominium, Miami, Florida
Yacht Club at Brickell II, Miami, Florida
Miller Pond Park Administration Building, Miami, Florida
Palmetto Bay Park, Village of Palmetto Bay, Florida
Perrine Wayside park, Village of Palmetto Bay, Florida
Miscellaneous projects contract with Miami-Dade School Board of Broward, County, FL
Miscellaneous projects contract with Palm Beach Community College, Palm Beach County, FL
Miscellaneous projects contract with FIU, Miami-Dade County, Florida
Onyx II Condominium, Miami, Florida
Dupont Plaza Hotel/Condominium, Miami, Florida
Yacht Club at Brickell II, Miami, Florida
Bayview Condominiums, Miami, Florida
The Floridian Apartment Building, Miami Beach, Florida
Seaside Condominiums, Fisher Island, Florida
Fisher Island Golf Course Clubhouse, Fisher Island, Florida
Ocean II, II, IV & VII Condominiums, Fisher Island, Florida
Windswept Phase IV Condominium, Kiawah Island, South Carolina
The Great House Condominiums, Grand Cayman Island, B.W.I.
Homestead Motorsports Complex, Homestead, Florida
Concourse "D" Shell Package, Miami International Airport, Miami, Florida
MIA DEFGH Wrap, Miami International Airport, Miami, Florida
Doral Country Club Clubhouse Refurbishment, Miami, Florida
Grand Bay Residences, Key Biscayne, Florida
U. S. Courthouse, Miami, Florida

EDUCATION/AFFILIATIONS

University of Miami, Mechanical Engineering, 1979-1983

Florida International University, Mechanical Engineering, 1986-1990

Engineer Intern, State of Florida

LEED AP, 2009

**ANTHONY A. SCHULZ, P.E.
SENIOR ASSOCIATE**



EXPERIENCE SUMMARY

Anthony has more than 25 years experience in electrical power distribution, interior and exterior lighting design and lighting system evaluation and electrical equipment selection and specification. Special systems including lightning protection, fire alarm, life safety, communication and sound systems. Computer related systems, UPS and data communication distribution.

1986-1997 Post Buckley Schun & Jernigan – Electrical Engineer.

1997-2004 Spillis Candela & Partners - Electrical Engineer.

2004-Present Hufsey-Nicolaidis-Garcia-Suarez Associates, Inc. Electrical Engineer, Associate.

RESPONSIBILITIES

Provides Electrical Engineering and Technical Consultant for projects involving police department, theater, government courthouse, airport baggage screening, airport, educational facilities (elementary, high school and university), multi-family projects (hi-rise and lo-rise), hotels, restaurants, shopping and specialty centers, libraries, research laboratory facilities, military installations, maximum and medium security prisons. Also, computer centers, athletic facilities (indoors and outdoors), marinas, trailer parks and banks. Partner in the firm since 2007.

RELATIVE PROJECTS

Institute for Healthy Living, Life Science & Research at Abacoa, Jupiter, Florida
Marriott Ocean Palms East and West Towers Timeshare, Singer Island, Florida
Marriott Grande Lakes Time Share, Orlando, Florida
MSRP - Marine Oil Spill Recovery Building, Watson Island, Florida
Port of Miami Terminal, Miami, Florida
Key Biscayne Police Department, Key Biscayne, Florida
Cape Coral EOC Building, Cape Coral, Florida
Charlotte County Courthouse, Charlotte County, Florida
Sunny Isle City Hall, Sunny Isle, Florida
Jackie Gleason Theater Renovation, Miami Beach, Florida
Nashville Courthouse, Nashville, Tennessee
Federal Reserve Bank of Birmingham, Alabama
Orlando Airport Baggage Screening Project, Orlando, Florida
Roadway Lighting Designer for various Disney World Lighting Projects, Orlando, Florida
Publix Headquarters, Florida
Related Loft II Condominium, Miami, Florida
Opera Place Condominium, West Palm Beach, Florida
Onyx II, Miami, Florida
Modello Condominium, Dania, Florida
Sandy Lane Hotel & Spa, Barbados Island
Met III Condominium Hotel, Miami, Florida
Butterfield Bank, Cayman Islands, B.W.I.
Sandals Resort, Turks & Caicos
EPIC Tower Hotel & Condominium, Miami, Florida
Cirque De Soleil Theater, Orlando, Florida

EDUCATION/AFFILIATIONS

Miami Dade Community College, Associate in Science Degree
University of Miami, Bachelor of Science in Electrical Engineering
Registered Professional Engineer in the State of Florida

ENRIQUE JAVIER SUAREZ



EXPERIENCE SUMMARY

Enrique joined Hufsey-Nicolaidis-Garcia-Suarez, Inc. in 1992. Duties include providing Mechanical Engineering for projects such as hospital facilities, residential, office buildings, schools, airport terminals, apartment buildings, banks, marinas, restaurants, hotels/residential and condominiums.

RESPONSIBILITIES

Heating, ventilation, air conditioning, plumbing, fire protection design, energy studies and smoke control rational analysis.

RELATIVE PROJECTS

Institute for Healthy Living, Life Science & Research at Abacoa, Jupiter, Florida
Leach Mansion, Jensen Beach, Florida
Met 2 Office/Hotel Tower, Miami, Florida
Four Seasons Hotel & Tower, Miami, Florida
Turnberry Ocean Colony, Phase I, Sunny Isles, Florida
Turnberry Ocean Colony, Phase II, Sunny Isles, Florida
One Bal Harbour, Bal Harbour, Florida
Fontainebleau Hilton II & III, Miami Beach, Florida
EPIC Hotel and Condominium Residences Tower, Miami, Florida
Marriott Ocean Point, Palm Beach Shores, Florida
Marriott Villas at Doral, Miami, Florida
SBS Broadcast Center, Miami, Florida
Marriott Grande Lakes, Orlando, Florida
WCI Mosaic, Miami Beach, Florida
Marriott Oceana Palms, Singer Island, Florida
SOHO, Miami, Florida
The Summit at Brickell, Miami, Florida
Yacht Club at Brickell II, Miami, Florida
Grand Bay Residences, Key Biscayne, Florida
The Pinnacle, Cayman Islands, B.W.I.
Cay Kai Residence, Cayman Islands, B.W.I.
Bayside Project, Nassau, Bahamas
Sandals Beaches French Villas, Providenciales, Turks & Caicos Islands
American Airlines Admirals Club Concourse "E", Miami, Florida
One Capital Place Addition, Cayman Islands, B.W.I.
Concourse "B" Snack Shop, San Juan, Puerto Rico
Riverwalk, Ft. Lauderdale, Florida
Mr. and Mrs. Raymond Kayal Residence, Miami, Florida
American Airlines Admirals Club Concourse "D" Staff Lounge, Miami, Florida
Pennsylvania Parking Garage, Miami Beach, Florida

EDUCATION/AFFILIATIONS

Bachelor of Science in Mechanical Engineering, University of Miami 1997

FREDERICK H. HILDEBRANDT, P.E., PLS

REGISTRATION:

Professional Land Surveyor, Florida No. 2749, Professional Engineer, Florida No. 36810

EDUCATION:

Associate in Applied Science, Civil Technology, New York College at Farmingdale, Farmingdale, New York
Union College, Cranford, New Jersey, Civil Engineering courses. Bachelor Of Arts, Real Estate, Florida International University, Miami, Florida
Master of Science Program, Environmental & Urban Systems, Florida International University, Miami, Florida.

PROFESSIONAL EXPERIENCE:

1983 to Present: Principal, F.H.HILDEBRANDT, Civil Engineer, Land Surveyor, Planner

1982 – 1983: Chief Land Surveyor, Manager Survey Department, Vice President, Carr Smith & Associates, Coral Gables, Florida

1981: Survey Department Manager, Hole Montes & Associates, Naples, Florida.

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

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

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

1969: Party Chief-Instrumentman, Storch Engineers, Floraham Park, New Jersey

1969: Instrumentman, Stanley Engineers, East Providence, Rhode Island

PROJECTS:

Survey and design of subdivisions throughout the Florida Keys, including: Ocean Reef Club (134 units); Curry Cove (100 units); Saddlebunch RV Park (80 units); Shark Key (74 units); Coral Coast (20 units); Key West Golf Course Development (400 units); Flagler Court/Paradise Court (75 Units); Buccaneer Resort

Other projects:

Large tract surveys, Cheeca Lodge, Bay bottom leases, Casa Marina; U.S. Navy, all major Key West bases; Florida Department of Transportation, U.S. Highway No. 1 studies; Major shopping centers, Overseas Marketplace; Monroe County H.U.D.; City of Key West, Florida, Florida

Richard D. Parker

Executive Vice President of Preconstruction



Credentials:

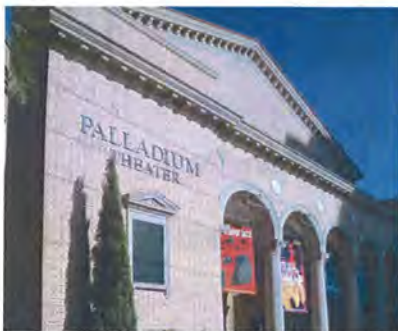
BS Civil Engineering, Univ. of Florida
Certified General Contractor, State of FL
Certified Plumber, State of Florida

Professional Memberships:

Associated General Contractors



Stetson University College of Law



Palladium Theater



Marathon Joint-Use Fire Station/EOC

Rick has more than 40 years of engineering and construction experience. Having worked on the majority of Biltmore's projects, his comprehensive project experience spans multiple industries and project types including low-mid-high rise buildings, parking garages, all types of foundation and structural systems, hardened buildings, emergency operation centers, vehicle maintenance buildings, correctional facilities, hospitals, libraries, laboratories, research labs, schools, universities, community centers, corporate facilities, commercial, judicial and civil projects. As Director of Preconstruction, Rick leads the department's estimating, constructability, and value engineering reviews from conceptual estimates through GMP.

Key representative projects include:

- Islamorada Administrative Center and Public Safety Headquarters - 16,000 SF multi-story housing Village's administrative offices, EOC, and Fire Station. Hardened to Cat V.
- City of Marathon Joint-Use Fire Station/EOC - 24,000 SF Fire Station/EOC providing fire protection to City and Marathon Airport.
- Monroe County Joint-Use Sheriff's Department EOC/DJJ Facility - 55,000 SF, 3-story Sheriff's Office and detention facility hardened to Cat V. Facility serves as EOC for the Sheriff's Dept. (Key West).
- Stetson University College of Law - Historical preservation/restoration, remodeling, and additions to existing 1920's structures. Florida Preservation Award
- FSU Jennie Murphree Hall - Historic preservation/restoration of exterior brick envelope/windows; complete interior renovation of 1920's facility.
- Ybor State Museum - Historic restoration/renovations to occupied museum for the Department of Environmental Protection - Tampa
- Belleview Biltmore Resort - Historic renovations, interior renovations and additions to historic 1897 hotel.
- FSU Stroz Library - Interior renovation and Infrastructure Improvements to historic main library
- Seminole Theater - Historic preservation/renovation of 1920s theatre; addition of balcony, dressing rooms, & offices (Homestead)
- Palladium Theater - Phased restorations, renovations, and addition to historic 1925 theater - St. Petersburg, FL
- City of Seminole Public Works Administration & EOC Building - Administration & support spaces; EOC and Data Center. LEED Gold
- City of Seminole Public Works Operations Building - 12,940 SF facility hardened to Cat V / FEMA 361 wind loads. First municipal LEED Platinum building in Florida.
- City of Largo Data Center - 3,000 SF facility to centralize City's data centers, telecommunications, and switch gear; administrative offices; redundant generator systems. Hardened to Cat V.



Credentials:

Bachelor of Arts in Physics
University of Pittsburgh
AA Architectural Technology,
St. Petersburg College
Certified General Contractor
State of Florida

Professional Memberships:

Gulf Cast Chapter of the USGBC



Islamorada Administrative Center



Seminole Public Works Administration & EOC



Seminole Public Works Operations

Barry brings over 30 years construction experience with the past 17 years as a dedicated Project Estimator. As Senior Estimator, he specializes in estimating, cost analysis, value engineering, and preparation of work scopes for bidding and budgeting. His estimating experience includes all types of construction including municipal, academic, historic restoration, and public and private sector projects. Barry has been with Biltmore for four years.

Key representative projects include:

- Islamorada Administrative Center and Public Safety Headquarters - 16,000 SF multi-story housing Village's administrative offices, EOC, and Fire Station. Hardened to Cat V.
- City of Seminole Public Works Administration & EOC Building – 4,476 SF housing the department's administration offices, conference & support spaces, and City's EOC and Data Center. LEED Gold
- City of Seminole Public Works Operations Building – 12,940 SF facility provides a 9-vehicle bays; 3,260 SF administration offices. Hardened to Cat V / FEMA 361 wind loads. **First LEED Platinum municipal building in Florida.**
- Tampa Bay Water Emergency Operations Building - 17,000 SF houses TBW Operations, Tier IV Data Center, administration and support facilities. Hardened to Cat V.
- Hillsborough Community College Collaboration Studio – 16,000 SF renovations/hardening two floors in historic Ybor District to house Tier III Data Center & Public Safety Dispatch Center for all campuses.
- Miami-Dade Center of Excellence – Phased renovations to 14,000 SF occupied state lab facilities and new 64,000 SF main health clinic and district administration offices. Hardened to Cat V.
- Tampa Bay Water Lab Building Renovation – 10,000 SF renovations to existing lab facility
- City of Largo Data Center – 3,000 SF facility to centralize City's data centers, telecommunications, and switch gear; administrative offices; redundant generator systems. Hardened to Cat V.
- Department of Health – Multiple Interior renovations to house Homeland Security BLS-3 Labs within occupied state labs in Miami, West Palm Beach, and Ft. Lauderdale
- DOH Charlotte County Main Health Department/Administration Facility and Clinic – Port Charlotte
- USF Student Wellness Center - 30,000 SF renovation to the existing occupied facility and 43,000 SF addition. LEED Silver
- SPC Student Services Building - 43,808 SF, multi-story and multi-use space with glass curtain walls. LEED Gold.

Travis Parker, LEED AP

Vice President / LEED Coordination



Credentials:

BA Urban Geography, USF
AA Architecture, SPC
Certified General Contractor, Florida
LEED Accredited Professional

Professional Memberships:

Associated General Contractors
Precast/Prestressed Concrete Institute
U. S. Green Building Council



Monroe County Joint-Use Sheriffs Facility



Islamorada Administrative Center & FS



Seminole Theatre Historic Restoration

Travis has more than 16 years of construction experience, 12 of which have been with Biltmore. His comprehensive project experience spans many industries and project types including higher-education projects, low-mid-high rise buildings, residential complexes, parking garages, all types of foundation and structural systems, hardened buildings, emergency operation centers, detention facilities, historic renovation, judicial and civil projects.

Key representative projects include:

- Islamorada Administrative Center and Public Safety Headquarters - 16,000 SF multi-story housing Village's administrative offices, EOC, and Fire Station. Hardened to Cat V.
- City of Marathon Joint-Use Fire Station/EOC - 24,000 SF Fire Station/EOC providing fire protection to City and Marathon Airport.
- Monroe County Joint-Use Sheriff's Department EOC/DJJ Facility - 55,000 SF, 3-story Sheriff's Office and detention facility hardened to Cat V. Facility serves as EOC for the Sheriff's Dept. - Key West.
- City of Seminole Public Works Administration & EOC Building - Administration & support spaces; EOC and Data Center. LEED Gold
- City of Seminole Public Works Operations Building - 12,940 SF facility hardened to Cat V / FEMA 361 wind loads. First municipal LEED Platinum building in Florida.
- Seminole Theater - Historic preservation/renovation of 1920s theatre; addition of balcony, dressing rooms, & offices (Homestead)
- Palladium Theater - Phased restorations, renovations, and addition to historic 1925 theater - St. Petersburg, FL
- School of Architecture Complex at Florida International University - 72,500 SF complex comprised of five multi-story structures - Miami
- 2nd District Court of Appeals Judges' Suites - Phased renovation for the existing judge's chambers, library and offices.
- Sugarloaf Key Athletic Fields - Monroe County Schools
- Saga Bay and Bel Aire Ball Parks - Cutler Bay, FL
- Lauderdale Lakes Recreation Center and Willie R. Webb Park - Lauderdale Lakes, FL
- USF Student Wellness Center - 30,000 SF renovations to occupied facility and 43,000 SF addition. LEED Silver
- Eckerd College Library & Campus Technology Center - 55,000 SF multi-story library and Tier III technology/data center for the campus.
- City of St. Petersburg Northshore Complex - Phases renovations to center, pool, adjacent support facilities, new entry building



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RESUMES

Mr. Jay Sall, CIH, L.A.C., CIEC, Certified Mold Assessor – Asbestos/Industrial Hygiene Practice Director/IAQ Senior Technical Advisor - 20 years of experience / 15 years with the firm.

Education

Syracuse University - B.S. Biochemistry
University of South Florida - MPH, Industrial Hygiene

Certifications:

Florida Licensed Mold Assessor #MRSA118
ACAC-Certified Indoor Environmental Consultant (CIEC) #1104012
Certified Industrial Hygienist #5610
Licensed Asbestos Consultant #AX-0000011 Florida
AHERA Accredited Asbestos Inspector/Management Planner/Project Designer
NIOSH 7400

Mr. Sall has 20 years of experience in the recognition, evaluation and control of hazards in the work place. Positions have included in-house health and safety director for a health care facility as well as several positions with private consultants. Current position includes Director of the Industrial Hygiene Practice for all EE&G Offices. Mr. Sall can be reached at 5751 Miami Lakes Drive, Miami Lakes, FL 33014; Tel: 305-374-8300, Fax: 305-374-9004, Cell: 305-710-0372, E-mail: jsall@eeandg.com.

- Registered professional of record for environmental health and safety aspects of recovery in Orleans Parish, Louisiana following Hurricane Katrina. The project was conducted under contract through the US Army Corp of Engineers and included establishing an industrial hygiene program to protect a workforce of over 5,000 employees who were engaged in debris removal over a 50 square mile area in New Orleans. The project involved developing and implementing the health and safety program to include general worker safety, training, exposure monitoring, as well as drafting various programs for review and approval by multiple governmental agencies.
- Project Director for the environmental risk management, and health and safety consulting services project for the United States Army Corps of Engineers during the Hurricane Katrina debris cleanup project in Orleans Parish, New Orleans. EE&G was tasked with developing and implementing an industrial hygiene monitoring program for approximately 2000 workers for heavy metals, asbestos, silica and noise. Additionally, the project included conducting approximately 800 asbestos surveys of public and private buildings that were impacted by the hurricane. The surveys were performed to identify friable asbestos containing material prior to the demolition of the structures.
- Mr. Sall was the professional of record for the development and implementation of a health and safety plan for The World Trade Center Recovery effort at The Staten Island Land Fill. Responsibilities included the initial assessment of operations, development of a site-specific industrial hygiene monitoring program for site workers, review of all monitoring data, and presentation of data to NYPD, FDNY, FBI, and EPA. Mr. Sall maintained oversight of a team of 10-15 Industrial Hygiene Technicians who collected data on a 24-hour, 7 day a week basis for a work force of approximately 4000



employees for a variety of agents including (but not limited to) heavy metals, asbestos, silica, dust, noise, temperature extremes, ionizing radiation.

- Expert witness in several legal cases involving chemical and biological exposures. These projects included; review of existing documents, conducting field investigations, development of reports, depositions and expert testimony. Data collection utilized state-of-the-art methods based on current literature references, and were often presented in multi-media formats for trial.
- Conducted over 1000 asbestos assessments dating from 1987. Responsible for the design of company wide assessment procedures for asbestos relating to compliance with the Asbestos Hazard Emergency Response Act (AHERA) as well as National Emissions Standards for Hazardous Air Pollutants (NESHAP). Assessments directed and conducted were in schools, residential dwellings, commercial offices as well as industrial locations. Typical projects included testing materials, developing hazard assessments based on condition and drafting abatement protocols.
- Designed and conducted asbestos training classes as mandated by US EPA regulations as well as required by OSHA. Classes included those for abatement workers, maintenance staff and specialty trades.
- Developed and conducted various assessments for the presence of lead and other heavy metals in paint and other applied coatings. Projects included traditional lead-based paint inspections and risk assessments as per HUD protocols as well as application of XRF technology to industrial settings in order to protect workers performing torch cutting of coated surfaces. These projects often included the assessment of surfaces, development of a worker protection plan as implementation of the plan using a combination of training, personal protective equipment, hygiene and field testing of worker exposure.
- Conducted over 1000 investigations for microbial growth following the release of water within a structure. Services included the assessment of mold growth, identification of likely causes and development of a written scope of work describing remedial actions. Projects often included oversight of the remediation contractor and collection of final air data to document the effectiveness of the remedial actions. This work was typically performed for Building Owners, Insurance Companies or their designated adjusters.
- Project manager for over 500 indoor air quality investigations for public and private clients. Projects included; air monitoring, interviewing building occupants, review of building documents, interfacing with other professionals (engineers, physicians), and presenting results to building occupants and clients. Projects typically included the design and implementation of remedial plans to improve the quality of air in the buildings.
- Project Director for the comprehensive Indoor Air Quality evaluation of a 50,000 square foot public building. Managed a team of Engineers, Architects, and Industrial Hygienist to develop a feasibility study for remediation of the building while upgrading various aspects of the building envelope and mechanical system. Supervised all aspects of the building repairs and microbial remediation and conducted a re-commissioning of the building following construction activities.



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- Project Director for health and safety issues involved with the clean up and disposal of storm related debris from hurricane Fran. EE&G was retained by a private contractor working for the U.S. Army Corps of Engineers, who maintained overall responsibility for the clean up. The project included; development of a comprehensive site health and safety plan (as per U.S. Army Corps specifications), implementation of supplied air respiratory protection for work crews, and continuous air monitoring for emissions from several burn pit operations.
- Project manager and principal investigator for a comprehensive industrial hygiene survey of U.S. Naval Station. The project involved the collection and analysis of over 50 samples for various chemical and physical agents including; organic solvents, asbestos, formaldehyde, heavy metals, heat, noise, and non-ionizing radiation.
- Project director for the overall management of the Indoor Air Quality program for Broward County Schools. Project included the management of all aspects of work for building repairs and microbial remediation of 125 schools with a total construction budget in excess of \$10 Million. Responsibilities included the development of Scope of Work, Management of Technical reviews of bid, construction management, for building envelope repairs, mechanical systems upgrade and microbial remediations following construction. Managed the re-commissioning of buildings with respect to Indoor Air Quality.



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Dr. Daniel Cottrell, Ph. D., P.G., L.A.C. – QA/QC Officer and Senior Technical Advisor - 26 years of experience / 25 years with the firm.

Education:

Ph.D., Marine Geology, University of Miami
M.A., Geology, State University of New York
B.A., Geology, State University of New York

Licenses:

Licensed Asbestos Consultant # DD-0000010
Professional Geologist # PG0001265
Radon Measurement Specialist #R0752
EPA Lead Risk Assessor # FL-R-107-45

Mr. Cottrell will provide Quality Assurance/Quality Control (QA/QC) oversight on these projects, and serve as the Project Director for Asbestos/LBP/Radon-related project. Dr. Cottrell has over 24 years of experience and is the Senior Technical Advisor in EE&G's Industrial Hygiene Practice Area and Director of the NIST/NVLAP-accredited Polarized Light Microscope laboratory. Dr. Cottrell acts as the main Asbestos Consultant for the firm, overseeing the technical aspect of asbestos consulting throughout EE&G's offices. Mr. Cottrell can be reached at 5751 Miami Lakes Drive, Miami Lakes, FL 33014; Tel: 305-374-8300, Fax: 305-374-9004, Cell: 305-710-5256, E-mail: dcottrell@eeandg.com.

- Senior Project Professional and QA/QC Officer for the environmental risk management, and health and safety consulting services project for the United States Army Corps of Engineers during the Hurricane Katrina debris cleanup project in Orleans Parish, New Orleans. EE&G was tasked with conducting over 2000 asbestos surveys of public and private buildings that were impacted by the hurricane. The surveys were performed to identify friable asbestos containing material prior to the demolition of the structures
- Dr. Cottrell served as one of the Senior Registered Professionals for the World Trade Center Debris Sorting and Recovery Project at the Staten Island Landfill. Responsibilities included daily oversight of the industrial hygiene monitoring program for site workers, technical review of industrial hygiene monitoring data, report preparation and review of weekly deliverables and quality control management of the sites-specific industrial hygiene database, which consisted of over 6,000 laboratory analyses.
- Senior Technical Advisor in EE&G's Industrial Hygiene Practice Area and Director of the NIST/NVLAP-accredited Polarized Light Microscope laboratory. Dr. Cottrell acts as the main Asbestos Consultant for the firm, overseeing the technical aspect of asbestos consulting throughout EE&G's offices in the State of Florida.
- Senior Project Manager in EE&G's field programs in geology and underground storage tank management. He utilized his expertise in this area to help develop the Company's standard testing procedures and to author the Company's Comprehensive Quality Assurance Plan (CompQAP), which has been approved by the Florida Department of Environmental Protection. Under this program, Dr. Cottrell also acts as the Company's Quality Assurance Officer. Dr. Cottrell is also available to provide project oversight and input on asbestos consulting and radon measurement projects.



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- Project Manager acting as the Owner's Representative, insuring contractor compliance (with all laws, regulations, codes, and project specifications), and project scheduling (insuring project completion on time and in budget).
- As a Lecturer at Barry College Continuing Education Program Dr. Cottrell has taught courses in Introductory Geology, Oceanography, and Scientific Philosophy.
- Taught courses in undergraduate geology and assisted in graduate sedimentation courses while acting as a Graduate Teaching Assistant at the University of Miami, Florida.
- As a Graduate Research Assistant, University of Miami, Florida he participated in study of sources of turbidity in Biscayne Bay.
- Designed and implemented research projects relating to tropical estuarine ecosystems and the geologic role of coastal mangrove swamps while acting as a Research Associate, University of Miami, Florida.
- Designed and implemented research projects relating to impact of thermal discharge from coastal power plants and effects of coastal development on mangrove coastlines while an Assistant in Ecological Research, University of Florida.



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Mr. Mark Skweres, CIEC, Senior Project Manager - 20 Years of Experience / 20 years with the firm.

EDUCATION:

B. S. Geology/Marine Science, University of Miami, 1989

Affiliations:

Certified Indoor Environmental Consultant
State of Florida Certified Mold Assessor / Remediator
AHERA Asbestos Inspector Training
Asbestos Abatement Project Supervision
NIOSH 582 Equivalent
SCITEC X-Ray Fluorescence MAP Spectrum Analyzer
Hazardous Waste Operations and Emergency Response Supervisor
First Responder Operations Level
American Red Cross Standard First Aid
American Red Cross Adult CPR

Professional Experience:

Mr. Skweres has over 20 years of experience managing environmental projects Mr. Skweres has worked extensively with EE&G's Hazardous Substance and Industrial Hygiene/Asbestos Practices. While working in the Hazardous Substance Practice, he served as the Miami Practice Area Leader. Prior to being promoted to Vice President, Mr. Skweres served as the Assistant Practice Director of the Industrial Hygiene/Asbestos Practice. Mr. Skweres' cross-trained experience has allowed him to manage a wide variety of projects during his employment at EE&G. Additionally, he has been responsible for oversight on emergency response projects involving third party liability reduction and environmental health and safety. Over the several years, he has conducted hundreds of indoor air quality assessments involving occupant complaints, physical water-related and humidity-driven concerns relating to mold, as well as building pressurization issues. Mr. Skweres can be reached at 5751 Miami Lakes Drive, Miami Lakes, FL 33014; Tel: 305-374-8300, Fax: 305-374-9004, Cell: 305-710-3352, E-mail: mkskweres@eeandg.com.

Specific project experience is described below:

- Managed large mold remediation project in 32 story, 340 unit condominium in the Miami area. While under construction, building was impacted by water intrusion event during a large storm and subsequently required remediation of mold-impacted drywall. Project was associated with an insurance claim of approximately \$1,000,000.
- Managed large mold remediation project in 42 story condominium and 8 story hotel complex in the Miami area. While under construction, the buildings were impacted by six water intrusion events and subsequently required remediation of mold-impacted drywall. The project was associated with an insurance claim of approximately \$5,000,000.
- Managed projects for large developer throughout South Florida associated with mold-related concerns in new construction relating direct-water intrusion,



humidity-driven, and building pressurization sources of moisture. Project sizes included high-rise buildings, mixed-use building complexes, and multi-building, garden-style apartment complexes. Project tasks included assessment, remediation oversight of impacted building materials, and post-construction engineering solution implementation.

- Managed large contract of School Board of Broward County, Florida. The scope of work included assessing building envelop, managing envelop repairs, assessing interior mold impacts, managing mold remediation, and assessing, designing and managing repairs to the air conditioning systems at approximately 70 schools.
- Served as member of initial response team for the World Trade Center-Staten Island Landfill project. The project involved Engineering Support Services for Debris Hauling and Sorting Operations at Staten Island Landfill, Staten Island, New York. Mr. Skweres played an integral part in establishing and implementing project infrastructure during the initial staffing and organization of the project. EE&G was responsible for development and implementation of an overall, multi-agency, comprehensive site Health and Safety Plan, development and implementation of an industrial hygiene monitoring program including asbestos, metals, total particulates, silica as well as other parameters of concern, providing Health and Safety (H&S) training that included conducting H&S indoctrination sessions, 2 shifts/ 300 persons per shift, and providing general engineering services including Structural, Chemical and Landfill Engineering.
- Served as Deputy Incident Commander for an “Emergency Response” involving an east coast railroad in June 1995. The project included monitoring all environmental, health, and safety concerns for over 75 people involved in the neutralization and remediation of a ruptured 24,000 gallon vinyl chloride tanker car. In addition to monitoring on-site personnel concerns, EE&G also monitored potential exposures of two towns adjacent to the cleanup area. The project operated around the clock for over two weeks. Mr. Skweres served as the Emergency Response Coordinator for this client. In this role, Mr. Skweres’ responsibilities include: Being on call 24 hours per day; be able to respond within 8 hours to territories east of the Mississippi and south of Buffalo, New York, and Maintain and further advance the training of our response team.
- Responded to small spills involving quantities less than 100 gallons. Responsibilities included stabilizing situation, interviewing affected personnel, cleaning up spill, and performing all environmental, health and safety operations required during and after the cleanup.
- In 1997, served as Emergency Response Coordinator for Hurricane Fran incineration sites in Raleigh, North Carolina. First onsite. Responsible for establishing project infrastructure. Mr. Skweres worked closely with the general contractor, US Army Corps of Engineers, FEMA, EPA, North Carolina OSHA, North Carolina Department of Environmental Health and Natural Resources, and local agencies to assure the safe clean-up and reduction of storm debris. The project included: due diligence for land acquisitions, the design-build of air curtain debris incinerators, temporary roads, erosion control, debris staging areas, ash



storage areas, equipment wash down facilities, temporary fueling areas, decontamination facilities, temporary office facilities, and equipment storage areas. Environmental work associated with the construction activities included drafting a site specific Health and Safety Plan, implementing a respiratory protection program for workers exposed to hazardous environments, conducting lighting and luminescence surveys, implementing a hearing conservation plan, designating exclusion zones based on test data, communicating hazards to workers and training employees in the use of personnel protective equipment, controlling vehicular traffic, and inspecting heavy equipment.

- Experienced in all aspects of Asbestos Abatement, Design, Project Management and surveys. Past responsibilities include: Design and oversight of technically complex abatement projects and surveys to initiate abatement; Design of project for removal of spray-applied Asbestos-Containing fireproofing in an occupied condominium with an estimated value of \$400,000.
- Was involved in the development of Contingency Plans in accordance with EPA's new "The National Response Team's Integrated Contingency Plan Guide" which incorporates RCRA, Oil Pollution Prevention, USCG-RFRP, DOT/RSPFRP, OSHA ER and HAZWOPER, and CAA RMP.
- Designed, developed, and implemented database program to manage environmental-related data. Program was developed in Microsoft Access and was used to manage asbestos-related data by several of EE&G's larger clients. Currently it serves as the cornerstone of a large east coast railroad's asbestos management program. This client uses the program to manage asbestos-related data in over 6,000 structures throughout the east coast.
- Performed phase II environmental site assessments throughout South Florida for polychlorinated biphenyls, chlorinated solvents, and petroleum compounds.
- Managed and completed tank closure assessment reports (TCARs) associated with the removal, abandonment, and upgrading of underground storage tanks.
- Managed and supervised the removal of an arsenic-impacted clay layer at a large site proposed for development. Project involved assessing lateral extents, surgically removing impacted clay layer, disposing of impacted clay, and sampling to assess the effectiveness of the project.



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Mr. Richard Grupenhoff, Project Coordinator/Operations Manager - 22 Years of Experience / 22 Years With The Firm.

EDUCATION:

B.S., Marine Science/Geology, University of Miami, 1988

CERTIFICATION & TRAINING:

AHERA Certified Building Inspector (Since 1993)
Certified Abatement Designer (Since 1995)
Abatement Worker/Supervisor (Since 1990)
NIOSH 582 Microscopy (Since 1990)

PROFESSIONAL ASSOCIATIONS:

Florida Assoc. of Environmental Professionals 1995-1999
Construction Specifications Institute, 1996-1997
Coral Gables Chamber of Commerce 1997-1999

AREAS OF SPECIALIZATION:

Design of sampling strategy and execution for large-scale asbestos surveys
Design of air sampling strategy and execution for large-scale asbestos removals
Design of air sampling strategy for large-scale lead paint removals
Preparation of cost estimates for large-scale asbestos removals
Implementation of asbestos Operations & Maintenance programs
Operations and Maintenance /Awareness Training
Development of plans and specifications for asbestos abatement
Development of plans and specifications for lead paint abatement
Quality Control Officer and oversight of PCM laboratory

PROFESSIONAL EXPERIENCE:

- Twenty years of experience as an asbestos project manager and fifteen years as the senior operations manager for the Miami asbestos division. Senior Project Manager and main contact for many high-profile, long-term asbestos abatement projects, including surveys, specifications, training, and air quality testing. Senior Project Manager and main contact for many high-profile, long-term lead-paint abatement projects, including surveys, specifications, training, and air quality testing.
- Senior Project Manager and Asbestos Abatement Designer for a major private university in Miami-Dade County. The main client contact since 1990, has been providing extensive survey documentation and reinspection, planning short-term abatement and abatement prior to renovations, designing plans and specifications for long-term large-scale abatement, and overseeing the bid and contractor selection process for both.



- In addition, on an annual basis, conducting training of maintenance workers and security staff, and day-to-day compilation of a project database for the main, medical and marine campuses of this university.
- Senior Project Manager and Asbestos Abatement Designer for a Miami-Dade County General Services Administration. The main client contact since 1993, has been providing extensive survey documentation and reinspection, planning short-term abatement and abatement prior to renovations, designing plans and specifications for long-term large-scale abatement, and overseeing the bid and contractor selection process for both.
- Senior Project Manager and Asbestos Abatement Designer for a City of Fort Lauderdale. The main client contact since 1994, has been providing extensive survey documentation and reinspection, planning short-term abatement and abatement prior to renovations, designing plans and specifications for long-term large-scale abatement, and overseeing the bid and contractor selection process for both.
- Senior Project Manager and Asbestos Abatement Designer for Miami-Dade, Broward, and Palm Beach County School Districts. The main client contact for each county since 1994, has been providing project management for air monitoring projects on over 150 schools.
- Asbestos Abatement Designer to various transportation facilities, such as Miami International Airport, and CSX Transportation. Consulting activities involve survey and abatement design for asbestos removal in facility buildings slated for demolition or renovation. Abatement projects for these facilities require further consideration of time and resource commitments.



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Mr. Hiram Aguiar, Environmental Technician - 20 Years of Experience / 20 Years With The Firm.

Education:

Miami Dade County College
Business 1988-90

Certifications:

EPA Lead-Based Paint Risk Assessor # FL-I-9781-2
Asbestos Abatement Supervisor
AHERA Asbestos Inspector
NIOSH 582 Equivalent (Method 7400)
NITON X-ray Fluorescence MAP Spectrum Analyzer
Hazardous Waste Operations and Emergency Response
Confined Space Entry

Mr. Aguiar has 20 years of experience as the Project Manager for a number of large environmental projects including public and private educational facilities, government and military facilities, hospitals and medical facilities, private construction, and commercial development. His duties include but are not limited to the following:

- Develop management plans for hazardous materials in buildings
- Develop removal and clean-up plans for hazardous materials
- Delineate work areas
- Manage health and safety at construction sites
- Coordinate and manage hazardous waste emergency response actions
- Train workers to wear personal protection equipment
- Supervise asbestos and lead abatement projects
- Inspect facilities for asbestos-containing materials and for lead-based paint

Mr. Aguiar has inspected hundreds of facilities for asbestos-containing materials and for lead-based paint. These facilities ranged from a few hundred square feet to hundreds of thousands of square feet in area. Supervised numerous asbestos and lead abatement projects. These projects range from a few days up to a year in length. Mr. Aguiar has been directly involved with the coordination and management of hazardous waste emergency response actions.

Team leader for Industrial Hygiene air monitoring of the World Trade Center Disaster Relief project at the Fresh Kills Landfill in Staten Island, New York.

Member of the Emergency Response Team during the Hurricane Fran in 1996.

Supervised the installation of the ECOS database for several key clients. The ECOS database permitted the client to manage and track hazardous material inventory, including asbestos and lead-based paint concerns.

Responsible for NESHAP asbestos surveys, lead-based paint testing, indoor air quality studies and technical reports for Baptist Health South Florida (Baptist Hospital, South Miami Hospital, Doctor's Hospital), FIU, Monroe County Schools and hundreds of private clients

EXPERIENCE

Don has over 30 years of engineering experience. His special project experience include: College Science and Classroom Buildings, Class 100 Clean Rooms, Stadiums, Ice Skating Rinks, Central Offices for Data and Telecommunications, Animal Research Laboratories, Vocational Schools, K-8 and High School Facilities, Hospitals and Medical Office Buildings, Casino Hotel, Pavilion, Restaurant and Boarding Facility, Corporate Office Buildings, Heavy Maintenance Facilities and Cooling/Heating Central Utility Plants. He also has project experience with large industrial facilities and is experienced with troubleshooting HVAC systems and buildings with indoor air quality issues such as high humidity and comfort issues. Don is a LEED® AP, a Certified Commissioning Authority (CxA) and an Operations & Performance Management Professional (OPMP).

Project Commissioning experience includes:

- **City of Lauderhill City Hall, Lauderhill, Florida**
Fundamental and Enhanced Cx of a 41,500 sq ft City Hall, achieved LEED Silver Certification / \$12 Million
- **City of Dania Beach Library, Dania Beach, Florida**
Fundamental and enhanced commissioning in accordance with USGBC LEED-NC guidelines, facility will include space for electronic and traditional library materials as well as staff and office space, achieved LEED Gold Certification/10,000 sf/\$3 million/Dania Beach, Florida
- **Miami Art Museum, Miami, Florida**
Commissioning, peer review and Facilities Consulting services for 2 story art and exhibit museum / 150,000 sf / \$90 million
- **SHL Pharmaceutical Facility, Deerfield Beach, Florida**
MEP/FP engineering and Commissioning (of HVAC systems) for a design/build, drug delivery device assembly and filling facility constructed within an existing facility. The 2-story office is to be utilized for administration and conference space (14,574 sf) and a single story warehouse is to be converted into Class 100,000 ISPO 8 Clean Rooms (7,500 sf), gowning and pack areas, QC, metrology, aseptic room (3,250 sf), warehouse cold storage (2,800 sf), 6 partitioned drug storage rooms (3,240 sf), plus standard storage space/\$4.3 million/43,521 total sf/Deerfield Beach, Florida
- **Village of Palmetto Bay Municipal Building, Palmetto Bay, Florida**
Fundamental Commissioning of a 2-story, 24,500sqft Village Hall with council chambers and an integral 24hr police station. Entire building is on 72hr back-up generator. Mechanical system is DX roof-top units w/VAV. The project is designed for LEED Gold Certification. The project will be proceeding to LEED Platinum / NetZero design shortly when funds are approved. Various energy models and strategies for attaining LEED Platinum / NetZero have been assessed to assist owner in securing grants/funds. Fundamental Commissioning. Project is design build MEP,FP under a developer w/C&T and LEED Administration contracted directly with the Owner. Achieved LEED Platinum Certification/ \$5.5 million



EDUCATION

*Bachelors of Science –
Mechanical Engineering/
University of Evansville, Indiana
1977*

**PROFESSIONAL
REGISTRATION**

*Florida #60651
Indiana #PE60019506
Texas #95300*

**PROFESSIONAL
CERTIFICATIONS**

*LEED® AP
Registered Commissioning
Authority (CxA) #106-115
Operations & Performance
Management Professional
(OPMP)*

**PROFESSIONAL
AFFILIATIONS**

*American Society of Heating
Refrigeration and Air
Conditioning Engineers
(ASHRAE), President
Gold Coast Chapter
(ASHRAE), Past President
Evansville, Indiana Chapter*

- **Broward County South Regional Library, Pembroke Pines, Florida**
Commissioning for the HVAC Systems for a 75,000 sf library, achieved Silver LEED Certification/\$13 million
- **Royal Oaks Park Community Center, Miami Lakes, Florida**
Fundamental Commissioning of the HVAC, lighting and domestic water heating system for a new 9,000 sf community center, achieved LEED Gold Certification
- **Coral Reef Park, Palmetto Bay, Florida**
Commissioning for a new 4300 sf restroom and concessions building that is naturally and mechanically ventilated. Amenities include food and beverage concessions spaces, covered open air dining patio, public restroom, and ancillary park storage spaces. Achieved LEED Certification
- **EMC at Doubletree, Palm Beach Gardens, Florida**
LEED consulting, energy modeling and commissioning of the Executive Meeting Center at the Doubletree Hotel/15,387 sf single story addition to hotel/achieved LEED Silver certification/ \$5.25 million
- **Promenade at Lyons, Coconut Creek, Florida**
Fundamental and Enhanced Commissioning of a 250,000 sf retail building and 50,000 sf office building, systems to commission include HVAC and lighting control/achieved LEED Silver Certification/\$40 million
- **Edison College Allied Health Annex, Ft. Myers, Florida**
Project is programmed for 55,000 sf, 2 story building. Fundamental Commissioning per EA pr 1 is the scope of Cx service. The project scope includes the replacement/upgrade of an existing water cooled chiller plant/\$13.5 million
- **Edison State College Building U, Fort Myers, Florida**
Fundamental Commissioning for new two-story 45,000 sf classroom building with 4,000 sf auditorium/multipurpose room, includes commission of chiller plant/\$5.4 million
- **Palm Beach State College, Lake Worth, Florida**
Public Safety Training Center – LEED Administration, Commissioning (Fundamental and Enhanced) for the new PSTC/3-story, 107,638 sf classroom bldg to house Criminal Justice, Fire Academy and CSI/\$12 million
- **Miami Children's Hospital, Miami, Florida**
Commissioning of new chilled water central plant that includes three 1200 ton chillers, cooling towers, pumps, filtration and controls including ventilation and emergency refrigerant purge exhaust system. Electrical systems include two (2) new 5KV breakers added to the existing main switchgear and new distribution panelboard and related equipment/ 2013/Cx

EXPERIENCE

Mr. Lara brings more than 16 years of experience in heating, ventilation, and air-conditioning systems with an strong focus on energy conservation, sustainability principles and measures. He has a solid technical knowledge of central cooling and heating plants, building automation systems and practical HVAC systems experience to meet the specific requirements of a variety of geographical locations. He is highly proficient in energy modeling and lifecycle cost analysis using Trace 700, Carrier HAP, FEMP's BLCC and IES VE-Pro. He has actively participated in several energy optimization projects including evolution of consumption of clients, energy savings paths and energy management reporting. His experience includes several energy performance contracts for multiple federal agencies including NAVFAC, USACE and GSA. Some of his experience includes:



- **Miami Dade College Student Services, Miami, Florida**
Commissioning Agent for the new facility at the Kendall Campus. The building has approximately 129,000 sf and houses demonstration areas, classrooms and other support spaces. This facility features under floor air distribution systems that serve all of the administration areas on three floors. Also part of the Commissioning scope is a standalone chilled water plant that includes two water cooled chillers and cooling towers/2013
- **Miami-Dade College Classroom Building, Miami, Florida**
Commissioning Agent/Energy Modeling for a new five-story building located at the MDC Wolfson Campus in downtown Miami. The facility includes classrooms, wellness center, student life areas, food court, offices and film archive facilities. The total size of the building is 120,000 sq. ft. The project is pursuing LEED Silver Certification/\$20 million/ Miami, Florida/\$20 million/Commissioning Agent and Energy Modeling/2012
- **Miami-Dade College Culinary Arts Center, Miami, Florida**
Commissioning Agent/Energy Modeling for a 40,000 sf, 9-story new academic building to be used as the new Culinary Arts Education Facility/Miami, Florida/\$22 million/2010
- **9501 Collins Avenue, Surfside, Florida**
Commissioning Agent for a residential complex consisting of seven four-story luxury townhomes. Each townhome includes a parking garage, four bedrooms, five bathrooms, balcony, terrace and pool. The total area is approximately 28,000 SF/LEED BD+C
- **Broward County Performing Arts Pavilion, Fort Lauderdale, Florida**
Commissioning Agent for a two story multipurpose facility that consists of nearly 4,000 square feet of event space open with glass on three sides to enjoy views of both the river and the Broward Center. This space will be able to accommodate 200 persons for a sit-down dinner, elegant walk around receptions, or corporate or civic functions. The lower level will house a food and beverage outlet serving drinks and light fare to both Broward Center patrons and others/LEED BD+C

EDUCATION

*Bachelor of Science in
Mechanical Engineering
University of Havana, Cuba*

**PROFESSIONAL
REGISTRATION**

Florida #70689

**PROFESSIONAL
ACCREDITATION**

*Leadership in Energy and
Environmental Design
(LEED)
Certified Commissioning
Authority (CxA)*



David E. Marsh, FASA
Principal

Years of Experience: 31

Education: B.S., Electrical Engineering Technology, 1980, LeTourneau University

Professional Organizations & Honors:

- Acoustical Society of America (ASA) – Elected to College of Fellows in 2001
- Audio Engineering Society (AES)
- International Communications Industries Association (ICIA) – Serves on Independent Consultants in AV Technology (ICAT)
- National Council of Acoustical Consultants (NCAC) – President 2006-2008
- National Systems Contractor's Association (NSCA) – 2008 "Educator of the Year," seminar instructor for *Sound Reinforcement Design*
- PALME Asia – Invited seminar instructor in Singapore (2007-2009 and 2011)
- Synergetic Audio Concepts (Syn-Aud-Con) Educational Seminars & Workshops

Professional Biography

David Marsh started his consulting career at Pelton Marsh Kinsella (PMK). In 2004, he co-founded PMK International, a sister company to PMK located in Dubai, UAE. Marsh joined Gary Kinsella in 2009 at Kinsella-Marsh Group (KMG). His worldwide consulting experience in architectural acoustics, environmental noise and AV systems design includes project work on every type of occupied building. Marsh has written extensively for trade magazines, presented technical papers and chaired sessions at professional society meetings and he has been a regular seminar instructor at international conferences.

Most Relevant Project Experience (for Key West City Hall):

Boardwalk Hall (renovation of Historic Atlantic City Convention Center), Atlantic City, NJ; Project Director & Acoustical / AV Consultant

Carrollton City Council Chamber AV Systems Renovation Study, Carrollton, TX; Project Director

Fullerton City Hall Remodel, Fullerton, CA; Project Director & Acoustical / AV Consultant

Henderson City Hall Expansion, Henderson, NV; Project Mgr. & Acoustical / AV Consultant

Hialeah Park Race Track, Historic Renovation + Casino & Corporate Headquarters Addition, Miami, FL; Project Mgr. & Acoustical / AV Consultant

Hillsborough County Administration Center, Tampa, FL; Project Director

Historic Balboa Theatre (program mgt. & peer review), San Diego, CA; Project Mgr. & Acoustical Consultant

Maitland City Hall AV Program, Maitland, FL; Project Mgr. & AV Consultant

Miami Beach City Council Chambers Sound System Evaluation, Miami Beach, FL; AV Consultant

Oklahoma City Chamber of Commerce, Oklahoma City, OK; Project Mgr. & Acoustical / AV Consultant

Orlando City Hall Complex, Orlando, TX; Project Director & Acoustical / AV Consultant

Palm Beach Town Hall, Historical Renovation, Palm Beach, FL; Acoustical Consultant

Plano City Council Chambers Renovation, Plano, TX; Project Director & Acoustical / AV Consultant

Texas Hall of State, Lecture Hall Historic Renovation, Fair Park, Dallas, TX; Project Mgr. & Acoustical / AV Consultant

Other Relevant Project Experience:

Asheville Civic Center, Arena and Meeting Facilities (measurement study and programming); Asheville, NC; Acoustical / AV Consultant

Asheville Civic Center, Thomas Wolfe Auditorium (measurement study and programming); Asheville, NC; Acoustical / AV Consultant

Astrodome Stadium Sound Renovation (Harris County project), Houston, TX; Sound System Consultant

Broward County Courthouse, Fort Lauderdale, FL; Project Mgr. & Acoustical / AV Consultant

Headquarters Office

4045 Sheridan Avenue
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Miami Beach, FL 33140

O: 305-868-1531
F: 305-868-1683

Dallas Office

O: 214-891-1400
M: 469-964-9584

www.kinsella-marsh.com



Gary T. Kinsella, P.E.
Principal

Years of Experience: 34

Education: M.S.E.E., University of Louisville, J.B. Speed School of Engineering

Professional Organizations & Honors:

Acoustical Society of America (ASA) Audio Engineering Society (AES)

Institute of Noise Control Engineering (INCE)

National Council of Acoustical Consultants (NCAC)

Professional Biography

Mr. Kinsella has extensive experience in a broad range of acoustical engineering practice, with special emphasis on acoustic design, noise measurement and control. His experience includes design of architectural and mechanical noise and vibration control systems for commercial high-rise office buildings, hotels, health care facilities and condominiums; acoustical design of office interiors for speech privacy, occupant activity noise control and office equipment noise control. Mr. Kinsella consults on environmental noise assessment and control treatment including highway, railroad and aircraft noise; and design of industrial plant and equipment noise control. He has also supervised construction following all types of design activity and has extensive experience in project scheduling and management. Mr. Kinsella is an expert witness in the field of acoustics.

Relevant Project Experience:

1001 Pennsylvania Avenue Office Building, Washington, DC; Acoustical Consultant

Banco Santander Office Building, Miami, FL; Acoustical Consultant

Broward County Courthouse, Fort Lauderdale, FL; Acoustical Consultant

Charlotte County Justice Center Acoustics, Punta Gorda, FL; Acoustical Consultant

Charlotte Public Library, Acoustical Design & AV Programming, Charlotte, NC; Acoustical Consultant

Dade County Courthouse Interior Renovation, Miami, FL; Acoustical Consultant

Dallas Police Academy, Dallas, TX; Acoustical Consultant

Federal Bureau of Investigation, Dallas, TX; Acoustical Consultant

Federal Office Building, Courtrooms & Related Spaces, El Paso, TX; Acoustical Consultant

Florida DOT ICS Control Center South, Miami, FL; Acoustical Consultant

Fort Meyers Federal Court House Acoustics, Fort Meyers, FL; Acoustical Consultant

GTE Place Training & Education Center, D/FW Airport, TX; Project Director & Acoustical Consultant

Hialeah Park Race Track, Historical Renovation + Casino & Corporate Headquarters Addition, Miami, FL; Acoustical Consultant

Johnson County Courts, Cleburne, TX; Project Director

Las Colinas Inn and Conference Center, Irving, TX; Acoustical Consultant

Miami Dade College, Kendall Campus, 1994 Auditorium Renovation; Acoustical Consultant

Miami Dade College, Kendall Campus, Building 2000 Auditorium Renovation; Acoustical Consultant

Orlando City Hall Complex, Orlando, TX; Acoustical Consultant

St. Vincent Infirmary Center for Health Education, Little Rock, AR; Project Director & Acoustical Consultant

Texas Hall of State, Lecture Hall Historical Renovation, Fair Park, Dallas, TX; Acoustical Consultant

Texas Instruments Executive Center III, Mini-Auditorium, Dallas, TX; Project Director & Acoustical Consultant

University of Miami School of Medicine, Lois Pope LIFE Center, Miami, FL; Acoustical Consultant

University of Miami Ungar Building Renovation; Acoustical Consultant

USDA Toxicology Facility Hearing Rooms, Little Rock, AR; Project Mgr. & Acoustical Consultant



Headquarters Office

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O: 305-868-1531
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Dallas Office

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M: 469-964-9584

www.kinsella-marsh.com



David H. Stearns
Senior Consultant

Years of Experience: 29

Education: Engineering Studies, 1981, Valparaiso University
Synergetic Audio Concepts Seminars

Professional Organizations:

- International Communications Industries Association (ICIA)
- National Systems Contractor's Association (NSCA)
- Synergetic Audio Concepts (Syn-Aud-Con)

Professional Biography

David Stearns' experience spans nearly 30 years of audio-video design, installation and operation. His work has involved virtually every type of built environment including sports arenas and stadiums, K-12 schools and colleges/universities, courtrooms, studios, corporate offices, motion picture theatres and performing arts venues. Working in conjunction with manufacturers, Mr. Stearns has assisted in the design of and then implemented custom loudspeaker products as solutions for complex project-specific applications. Some of these have become standard product offered by the manufacturers. Dave's training includes Electrical Engineering studies, music theory and manufacturer certification in Digital Signal Processors and Control Systems. Dave utilizes design software for acoustical prediction, digital audio processing and video projection.

Selected Project Experience:

- Banco Santander Office Building, Miami, FL; AV Consultant**
- Boone Pickens Conference Center at Scottish Rite Hospital, Dallas, TX; AV Consultant**
- Broward County Courthouse, Fort Lauderdale, FL; AV Consultant**
- Charles W. Eisemann Center for the Performing Arts, Richardson, TX; AV Consultant**
- Charlotte Harbor Event & Conference Center, Punta Gorda, FL; Project Mgr. & AV Consultant**
- Cherokee Events Center at Harrah's Cherokee, Cherokee, NC; AV Consultant**
- Collin County Courtroom, McKinney, TX; AV Consultant**
- Dallas Convention Center, Dallas, TX; Project Mgr. and AV Consultant**
- East Kentucky Exposition Center, Pikeville, KY; AV Consultant**
- Fort Worth Convention Center, Ft. Worth, TX; AV Consultant**
- Galveston County Justice Center, Galveston, TX; Project Mgr. & AV Consultant**
- Harris County Civil Justice Center, Houston, TX; AV Consultant**
- Harris County Criminal Justice Center, Houston, TX; AV Consultant**
- Hialeah Park Race Track, Historic Renovation + Casino & Corporate Headquarters Addition, Miami, FL; AV Consultant**
- Hilton Orlando Convention Center Hotel, Orlando, FL; AV Consultant**
- Jackie Gleason Theatre Renovation (through CD phase), Miami Beach, FL; AV Consultant**
- Jackson-Madison County General Hospital, Conference Center, Jackson, TN; AV Consultant**
- McKinney Performing Arts Center at the Historic Collin County Courthouse, McKinney, TX; AV Consultant**
- Puerto Rico Convention Center Hotel, San Juan, Puerto Rico; AV Consultant**
- RadioShack Corporate Headquarters Campus (Conference & Training Center), Ft. Worth, TX; AV Consultant**
- Sabre Boardroom, Ft. Worth, TX; AV Consultant**
- Stafford Performing Arts & Convention Center, Stafford, TX; AV Consultant**
- University of Central Arkansas (UCA) Mass Communication Facilities (Stanley Russ Hall), Conway, AR; AV Consultant**

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Dallas Office

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www.kinsella-marsh.com



Timothy D. Lindstrom, RCDD, CSI CDT
 Senior Consultant

Years of Experience: 28

Education: B.A., Communication Arts, 1983, University of Wisconsin-Madison

Professional Organizations:

- Audio Engineering Society (AES) – Member since 1988
- Building Industries Consulting Services International (BICSI) – Member since 1999
- Construction Specifications Institute (CSI) – Chapter Board Member 2004 – 2005
- InfoComm International (ICIA) – Independent Consultants in Audiovisual Technologies (ICAT) Chair/Board of Governors, 2005
- National Systems Contractor's Association (NSCA) – Member since 1985
- Synergetic Audio Concepts (Syn-Aud-Con) Educational Seminars & Workshops

Professional Biography

Tim Lindstrom began his AV career right out of college, working for two years at a nationwide mail order audiovisual equipment sales company. He spent the following decade in design-build AV integration prior to joining Pelton Marsh Kinsella (PMK) as a consultant in 1997. At PMK, he worked for nearly another decade on major projects while gaining significant industry recognition. After a period at other consulting firms, he recently joined the team of Kinsella-Marsh Group (KMG) led by two of the three original PMK partners. Lindstrom's professional experience includes AV and low voltage consulting on many professional and collegiate sports facilities, convention and conference centers, hotels and casino resorts, performing arts theatres/showrooms, nightclubs, broadcast facilities, worship centers, corporate offices, government centers, K-12 schools, university academic buildings and student centers.

Most Relevant Project Experience (for Key West City Hall):

Bishop Gorman High School North Campus Expansion, Las Vegas, NV; Project Mgr. & AV Consultant

Boardwalk Hall (renovation of Historic Atlantic City Convention Center), Atlantic City, NJ; AV Consultant

Center for American and International Law, Richardson, TX; AV Consultant

City of Laguna Hills Civic Center Renovation to City Hall, Laguna Hills, CA; AV Consultant

City of Laguna Hills Civic Center Renovation, Laguna Hills, CA; AV Consultant

City of Las Vegas City Hall Council Chambers and KCLV-TV Integration, Las Vegas, NV; AV Consultant

City of Peoria City Hall Campus, Peoria, AZ; AV Consultant

Clark County Commission Chambers, Las Vegas, NV; AV Consultant

Dallas Holocaust Museum, Dallas, TX; Project Mgr. & AV Consultant

Equatorial Guinea Presidential Library, Equatorial Guinea, Africa; Project Mgr. & Acoustical / AV Consultant

Federal Reserve Bank, Birmingham, AL; Acoustical Consultant

Maitland City Hall AV Program, Maitland, FL; AV Consultant

Sixth Floor Museum Research Library and Retail (historical project), Dallas, TX; Project Mgr & AV Consultant

Southwest Airlines Corporate Headquarters Presentation Room, Dallas, TX; Project Mgr. & AV Consultant

Williamson County Emergency Operations Center, Georgetown, TX; Project Mgr. & AV Consultant

Other Relevant Project Experience:

Austin Hilton Convention Center Hotel, Austin, TX; AV Consultant

Broadlane Corporation Relocation (multimedia conf. rooms & boardroom), Dallas, Texas; AV Consultant

California State University at Los Angeles Student Union Renovation, Los Angeles, CA; AV Consultant

Charles W. Eisemann Center for the Performing Arts, Richardson, TX; AV Consultant

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Collin County Courthouse Fourth Floor, McKinney, TX; AV Consultant

Dallas Convention Center Renovations (needs assessment & Phase 1 design for multi-year facility-wide technology update), Dallas, TX; Project Mgr. & AV Consultant

Dallas Convention Center, 2002 Expansion, Dallas, TX; AV Consultant

Dallas Independent Schools District Booker T Washington High School, Dallas TX; AV Consultant

Deloitte University, Westlake, TX; AV Consultant

East Kentucky Exposition Center, Pikeville, KY; AV Consultant

Irving Convention Center, Irving, TX; AV Consultant

Kaufman Auditorium, Marquette, MI; Sound System Designer

Milwaukee Repertory Theater, Milwaukee, WI; Project Mgr.

Muhammad Ali Museum, Lexington, KY; AV Consultant

Pier 1 Headquarters (incl. conference/training facilities), Fort Worth, TX; AV Consultant

Radio Shack Corporate Headquarters (incl. conference/training facilities), Fort Worth, TX; AV Consultant

Sands Convention and Expo Center, Las Vegas, NV; AV Consultant



Ferguson Consulting

Consultants in Telecommunications, Security and Electrical Engineering



C. Lecette Ferguson, PE, RCDD Electrical Engineer

Years of Experience: 21

Education: B.S., Electrical Engineering, 1990, TX A&M University

- In-Building Wireless, A Consultant's View, 2011
- Data Center Basics and Best Practices, 2010
- Staying Connected with an In-Building Wireless Solution, 2010
- TIA Standards and Technology Update, 2009
- Green and Sustainable Practices, 2009
- ASIS Conference, 2007
- Using Category 5e, 6, and 6a for Audio and Video Applications Class, 2006
- Eye of Fiber Class, 2006
- Registered Communication Distribution Designer Class, 2005

Professional Organizations & Honors:

- Registered Communications Distribution Designer, 1996
- Registered Professional Engineer, 1996
- Building Industry Consulting Service International, Inc. (BICSI)
- Institute of Electronics and Electrical Engineers (IEEE)
- American Society for Industrial Security (ASIS)

Professional Biography

Ms. Ferguson has experience in the design of a variety of electrical systems, with specialized expertise in telecommunication and security system design. Ms. Ferguson received her Registered Communication Distribution Designer (RCDD) seal from the Building Industry Consulting Services, Inc. Ms. Ferguson has experience including the design of low-voltage systems such as horizontal cabling, back-bone cabling, telecommunications closet and equipment room design, service entrances, CATV, CCTV, access control, FIDS, BIDS, fiber optic, Local Area Networks, and wireless and sound system design.

As an RCDD, Ms. Ferguson has proven she has the knowledge and expertise in telecommunications industry standards, equipment, and design, including physical size, temperature, humidity, and distance limitations. This expertise allows her to design a telecommunications system utilizing the proper installation requirements in a physical topology to ensure the equipment will function optimally. In addition, she has the unique capability to consider bandwidth requirements and future growth to provide an economical design solution to clients.

Renovation Project Experience:

- Hialeah Race Park**, Hialeah, FL; Telecommunications Engineer
- U.S. Postal Service Galveston Post Office**, Galveston, TX; Electrical Engineer
- Discovery Hall**, New Orleans, LA; Telecommunications Engineer
- Ben Hill Griffin Stadium**, Gainesville, FL; Telecommunications Engineer

Governmental/Public Building Project Experience:

- Galveston Jail, Sheriff's Office, and Courthouse**, Galveston, TX; Telecommunications Engineer
- Greater Harris County 911 Facility**, Houston, Texas; Security Engineer
- Port Freeport – Emergency Operation Center**, Freeport, Texas; Security Engineer
- University of Texas Health Science Center – School of Nursing and Student Community Center**, Houston, TX; Telecommunications, Security & Electrical Engineer
- Harris County Criminal Justice Center**, Houston, TX; Electrical Engineer
- Houston Animal Control Phase II Program Review and Schematic Design**, Houston, TX; Electrical Engineer.
- HPD Mounted Patrol**, Houston, TX
- Fort Worth Convention Center**, Fort Worth, TX; Telecommunications Engineer

Headquarters Office

37602 Tournament Lane
Magnolia, Texas 77355

O: 281-252-9232

www.fci-engr.com

Years of Experience

22

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.

Joaquin E. Vargas, P.E.
Senior Transportation Engineer

Education

Master of Science in Civil Engineering (Transportation Engineering) – Georgia Institute of Technology, 1987

Bachelor of Science in Civil Engineering – Santo Domingo Institute of Technology (INTEC), 1986

Registration

Professional Engineer – Florida (PE# 44174), 1991

Professional Traffic Operations Engineer (PTOE# 1262), 2003

Municipal Experience

Joaquin Vargas is an accomplished transportation engineer specializing in traffic engineering, parking studies, traffic impact studies, access, internal-site circulation, traffic concurrency, Development of Regional Impacts, and signal warrant studies. He has reviewed hundreds of traffic studies and site plans on behalf of municipalities. Furthermore, Mr. Vargas has conducted over 200 traffic engineering assignments for the Florida Department of Transportation (FDOT). He has also served as traffic consultant to the cities of Fort Lauderdale, Coral Springs, Sunrise, Tamarac, Cooper City, Miami Springs, Surfside, Ocala, Pompano Beach, Homestead, and Destin.

Mr. Vargas has also served as expert witness for the public and private sectors. For the FDOT, Mr. Vargas served as expert witness on several cases involving parking, access, and internal site circulation. He also represented the City of Tamarac in a traffic-concurrency related case. Mr. Vargas is currently representing the City of Coral Springs in a traffic-related litigation case.

Representative Projects

- Destin Harbor Parking Master Plan
- Flex-Zone Modifications in Coconut Creek
- Traffic Consultant for the City of Sunrise
- Traffic Engineer for the Sistrunk Boulevard Streetscape Project
- Traffic Engineering Services for the City of Coral Springs
- Project Manager and Senior Traffic Engineer for the FDOT

PROJECT DESCRIPTION

Project Name: GATO CIGAR BUILDING (OLD NAVY COMMISSARY)

Client Name: Monroe County Board of County Commissioners & State of Florida Department of Health

Contact: Mr. Dent Pierce, Division Director
Monroe County Public Works and Mr. Tom Matthias, Senior Architect
The Historic Gato Cigar Factory Dept. of Health Design & Construction
1100 Simonton Street, Key West, FL 33040 4052 Bald Cypress Way # B06
305-292-4560 Tallahassee, FL 32399-1734
850-245-4444 ex. 3166

Key Personnel: Bert Bender, Bill Rowan, Charles Roy, Leslie Johnson, Lewis Robinson

Project Location: Key West, Florida

Design Fees: \$552,285

Project Performance

Period: 96 - 10/96; 3/97 – 2003

Construction Cost: \$7.1 million

Contractor: D. L. Porter Constructors, Inc., 6574 Palmer Park Circle, Sarasota, FL 34238
Gary Loer, President 941-929-9400

Description: This project originated with an analysis and report on the Old Navy Commissary Building in Key West in order to determine the feasibility of acquiring the building for use as Monroe County Government office space. Our work included testing of materials for both structural and environmental analysis, and lead paint abatement. Since the building is a recognized historic resource, we included research and documentation on the history and significance of the Gato Building in the form of a Historic Structure Report. Aspects of this approach increased the project's feasibility since the building was determined to be eligible for Historic Preservation Grant funding.

A unique aspect of the project was coordination with two government clients: Monroe County and the State of Florida.



PROJECT DESCRIPTION

Project Name: FLAGSTAFF CITY HALL

Client Name: City of Flagstaff, Arizona

Contact: Frank Abeyta
(Past Flagstaff City Manager,
Past Flagstaff Finance Director)
1627 Mariposa Road
Flagstaff, AZ 86004
928- 527-9066

Key Personnel: Bert L. Bender

Project Location: Flagstaff, Arizona

**Project Performance
Period:** 1983

Budget: \$ 6,000,000

Description: This is a 50,000 square foot, six million dollar, passive solar building designed to fit into and anchor Flagstaff's downtown historic district. The masterplan incorporated the future needs of a library and City Hall expansion. This project had the firm's participation from site selection and programming through construction and client occupancy, including office interiors. The Municipal Complex is an example of the firm's ability to handle major projects from site selection and programming through turn-key completion and exhibits the firm's sensitivity toward new construction as a contribution to an historic district. In addition to master planning the 9.5 acre site, the City Hall included a central computer center, passive solar energy design, and full emergency power for the building. The master plan included a feasibility for the old Emerson School Building for the municipal complex either as a library or other facility.



PROJECT DESCRIPTION

Project Name: THE LEACH MANSION @ INDIAN RIVERSIDE PARK

Client Name: Martin County Board of County Commissioners

Contact: Randall Saumier, Chief, Office of Construction
2401 S.E. Monterey Road
Stuart, FL 34996
772-288-5932 Fax: 772-288-5789

Key Personnel: David Salay, Bert L. Bender, Haven Burkee,
Matthew Stratton

Project Location: Stuart, Florida

Project Performance Period: 2001 to 2010

Design Fees: \$387,502

Construction Cost: \$4,200,000

Contractor: West Construction, Inc.
318 S. Dixie Highway Suite 4-5, Lake Worth, FL 33460
Christopher Caprio Project Manager
561-588-2027

Description: The rehabilitation of the Leach Mansion located at Indian RiverSide Park in Martin County includes preparing a Historic Structure Report, the development of a building program and multi-phase architectural services through construction of each phase. Constructed in 1938 as a seasonal residence, the main building is an example of Mediterranean Revival architecture. In addition to the main residence, a garage, metal shop and playhouse (constructed as a temporary residence while the mansion was being built) are also included in this project. The restoration of the exterior and two main floors of the mansion to their original configuration, characteristics, spatial relationships, proportions and details will recapture the important architectural features of the Leach Mansion. The basement, garage and metal shop will be adapted to accommodate service function, park maintenance and office space.



PROJECT DESCRIPTION

Project Name: HISTORIC GAINESVILLE DEPOT
Client Name: City Of Gainesville
Community Redevelopment Agency
Contact: Diane Gilreath, CRA
MS 48, PO Box 490
Gainesville, FL
352-334-2205
Key Personnel: Bert Bender, David Salay
Project Location: City of Gainesville, Depot Park
Project Performance Period: 2009 – Current
Design Fees: \$382,500
Contractor: West Construction, Inc.
318 S. Dixie Highway Suite 4-5
Lake Worth, FL 33460
Don West 561-588-2027
Contract Award: \$2,600,000 with site work
Completion July 2012

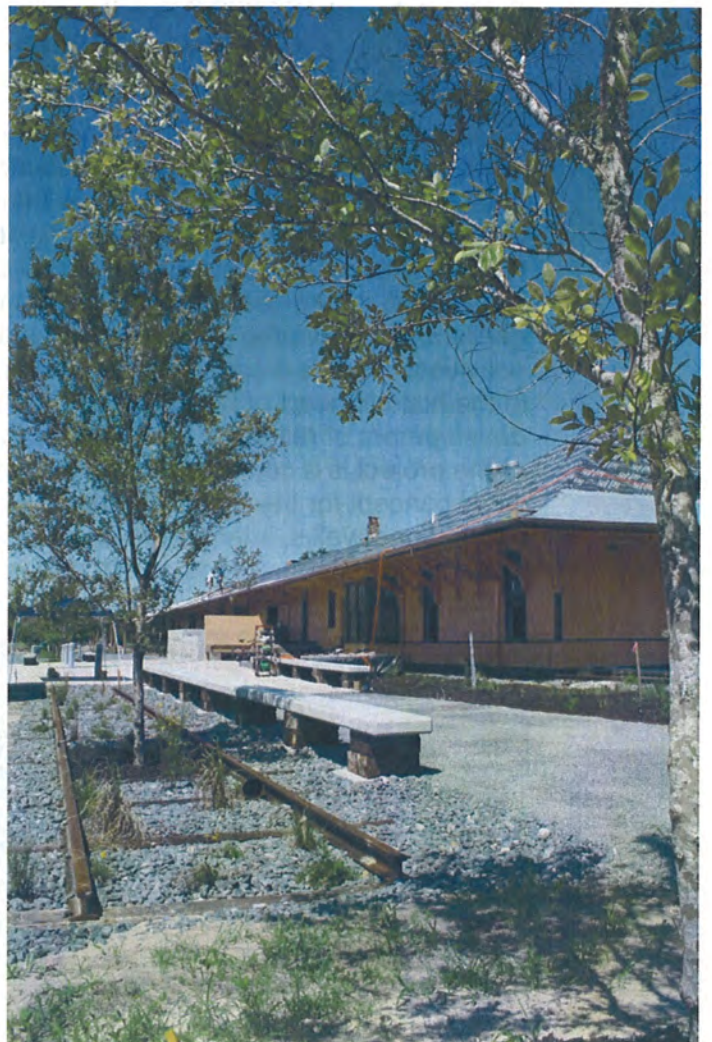


Description:

This project is the rehabilitation and adaptive re-use of the Historic Gainesville Depot Building, the signature element of Depot Park, and includes the context area site work, a part of the Park Master Plan. The Historic Structure Report included a section on sustainability focusing on LEED certification. The project has been registered with the US Green Building Council and is moving forward with design and planned LEED Certification at a Gold Level. The signature element of Depot Park is a reclamation project that will replace contaminated soil with lakes, trails and gardens, transforming the site into a setting for bicycling, walking, birding and other family activities. This is a collaborative effort to cleanup and restore properties known as "brownfields" in the historic heart of Gainesville. The project ties together environmental restoration, development of rail trails, historic preservation and infrastructure improvements. The centerpiece of the project is a centrally located stormwater park near Depot Avenue and Main Street. The initial concept for the park is to create a contemporary public greenspace that envisions walking paths, boardwalks, interpretive exhibits, and native vegetation to recreate a natural North Florida wetland landscape. Ponds on the park site will naturally treat stormwater and reduce entering contaminants.



GAINESVILLE DEPOT Construction progress photos



PROJECT DESCRIPTION

Project Name: LEY MEMORIAL BUILDING

Client Name: Wesley House

Contact: Joe Barker, (Former Executive Director - Current contact information unknown)
Doug Blomberg CEO (current)
305-292-7150

Key Personnel: Bert Bender, Matthew Stratton

Project Location: Key West, Florida

Project Performance Period: 1998 - 2001

Construction Cost: \$1,100,000

Contractor: Hewett-Kier Construction, Inc.

Description:

In June 1998 we completed the Historic Structure Report for the 8,100 square foot Ley Memorial church building located on Truman Avenue. Restoration and renovation of the facility was completed in 2001 which now houses the permanent headquarters for Wesley House Family Services, providers of quality child care and family services for working families with children in Monroe County.

A 1961 addition obscured the North and West facades of the historic sanctuary. Project included removal of portions of a 1961 addition in order to expose the historic church façade behind it. A replica front porch was reconstructed based on photographic and physical evidence found on site. The remaining portion of the 1961 classroom addition was renovated as office space. The Sanctuary design included open office space and a frameless glass wall to define the conference room. This approach allowed the Sanctuary to read as a single volume. Because it is located on the main highway through the city and surrounded by the open space of Bay View Park, restoration of the historic main entrance was given a high priority. Analysis of the 1961 addition focused primarily on its structural integrity and usefulness of existing spaces for new uses.



Same view prior to removing 1960's addition th obscured the Sanctuary. Sanctuary windows were intact behind the addition, but the front porch required reconstruction. Note the Sanctuary roof above the 1960's addition.

PROJECT DESCRIPTION

Project Name: KEY WEST CUSTOM HOUSE



Client Name: Key West Art & Historical Society
281 Front Street
Key West, FL 33040

Contact:

Susan Olsen, Executive Director*
Friends of the Woodlawn Cemetery
Webster Avenue and E. 233rd Street and/or
Bronx, NY 10470
718-920-1469

Kevin O'Brien, Executive Director*
Kentucky Museum of Art and Craft
715 West main Street
Louisville, Kentucky 40202

*(Past Director, Key West Art & Historical Society)

Key Personnel: Bert L. Bender, John H. Daniels, Leslie Johnson

Project Location: Key West, Florida

Project Performance Period: 1/92 to Present

Construction Cost: \$6,700,000

Multi Phased Construction, Multiple Contractors

Description: The Key West Custom House is one of the most significant historic buildings in the Florida Keys. The project includes the historic restoration of the 1891 Richardsonian Romanesque building to its original appearance and adaptive reuse as a museum and offices of the Key West Art & Historical Society. Located in downtown Key West, the restoration involves brick, brownstone, terra cotta, plaster, metal, wood and timber. The firm has been commissioned for the complete project, from programming and historic structure report, to completion of construction. Construction for Phase I, selective demolition, structural stabilization and historic re-roofing was completed in January 1994. Phase II followed and included all of the infrastructure, i.e., rough electric, plumbing, mechanical and fire sprinkler systems.

Phase III was exterior restoration and included portions of the exterior terra cotta, brownstone and brick, and was completed in June 1997.

Phase IV included installation of all mechanical systems (including electrical, plumbing, elevator, fire protection, and security), interior plaster, wood and metal restoration, and masonry restoration of the fourteen fireplaces. This work was completed in 1999 and the Building opened to the public.

Current and upcoming work includes completion of exterior restoration and site work. Individual packages will be established as funds become available, but the primary restoration goals have been realized.



PROJECT DESCRIPTION

Project: EMBASSY OF CAMEROON, WASHINGTON, DC

Client: Contracting Specialists, Inc.
453 South Main Street
Attleboro, MA 02703
T/ 508.222.2377
F/ 508.222.2580

Contact: Wallace Frigon, Sr.
508-222-2377
wallyfrigon@comcast.net

Key Personnel: Bert Bender
David Salay

Location: Washington, DC

Fees: \$10,500

Performance Period: 2012



Description: We were commissioned to provide specialized historic consulting for CSI's contract at the Embassy of Cameroon in Washington, DC. We conducted a site survey and issued our findings in a report. We analyzed and assessed the historic building and made specific recommendations for the restoration to supplement the drawings by WNUK Spurlock Architecture drawings dated June 17, 2011. This included written documentation, photographs, details and supplemental materials.



PROJECT DESCRIPTION

Project Name: SOUTHERNMOST FAITH AND PRAYER CENTER CHURCH

Client Name: Southernmost Faith and Prayer Center Church
729 Fleming Street
Key West, FL 33040

Contact: Reverend B.J. Hicks
(305) 294 - 5159

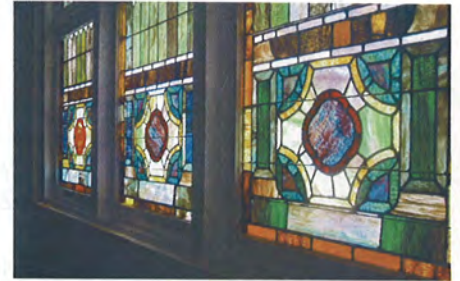
Key Personnel: Bert Bender, David Salay, Matthew Stratton

Project Location: Key West, Florida

**Project Performance
Period:** 1999 - 2003

Budget: \$400,000

Description: The original church, known as the Fleming Street Methodist Church, was built in 1912. In 1999 the effort began to restore the church, which included concrete restoration, roofing, windows, and interiors. Obscured, significant details were recovered. Historic stained glass windows were uncovered, flooding the interiors with colorful light. The sanctuary was air conditioned and termite ridden pews were replaced with replicas of the originals that maintain the character of the historic interior. This project has received both local and state wide acclaim, receiving awards for restoration from the Historic Florida Keys Foundation and the Florida Trust for Historic Preservation.



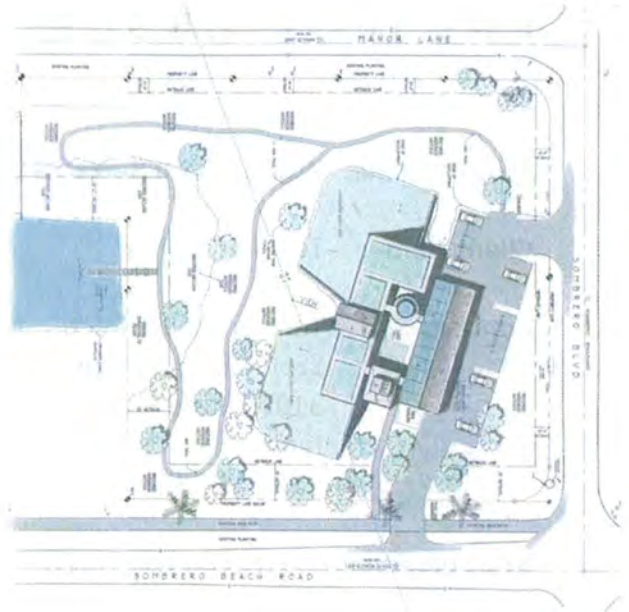
**FLORIDA KEYS AQUEDUCT AUTHORITY
NEW CUSTOMER SERVICE BUILDING**
LEED Certified Building
Marathon, FL

Client Name: Florida Keys Aqueduct Authority
FKAA, Marathon Office
Sombrero Beach Road
Marathon, FL

Contact: James Reynolds, Executive Director
1100 Kennedy Drive
Key West, FL 33040
305-296-2454

Key Personnel: Bert L. Bender,
Janine M. Glaeser
Matthew Stratton

Costs: \$2.1 million
Project Period: 2004 – estimated completion 2008



Description:

Completed a total site analysis for wetlands restoration, cost feasibility study, programming, and design for a new two story LEED Gold Certified customer service office building for FKAA.

- CONDUCTED LEED WORKSHOP
- COMPLETED COST COMPARISON STUDIES
- PREPARED SPACE PLANNING REPORT



PROJECT DESCRIPTION

Project Name: World War II Barracks Building

Client Name: Town of Jupiter

Contact: Tom Driscoll, Director of Engineering or
Scott Isberner, Construction Manager for the Town of Jupiter
310 Military Trail
Jupiter, FL 33458
561-741-2372

Key Personnel: Bert Bender, David Salay

Project Location: 500 Captain Armours Way
Jupiter, Florida 33458

Project Performance Period: 1999 - 2006

Design Service Fee: \$89,523

Construction Cost: \$1.1 million

Contractor: DooleyMack Constructors, Inc.
5800 Lakewood Ranch Blvd.
Sarasota, FL 34240
Brian Ellis, Project Manager
941-921-4636



Description: The World War II Barracks Building is a part of the Jupiter Lighthouse military complex. Constructed as military housing, the wood frame building consists of six, two bedroom apartments, 4 on the first floor and 2 on the second floor. The adaptive use of the building included office space for the Coast Guard Auxiliary, the Loxahatchee historical society, a museum store and ticket sales for the Lighthouse tours, and museum exhibit space. Two stairways back to back at the center of the building accessed the second floor. The north stair had been severely altered, which led to the decision to use this space for a vertical lift for wheelchair access to the second floor. The rehabilitation included restoration of some elements, most notably the remaining stair and installation of replacement wood windows that had been removed during previous remodeling projects.

Originally conceived as a full restoration, the project was scaled back to meet budget constraints. Modifications to the full plan deleted the south porch restoration which would have replaced railings, elimination of complete restoration of windows in favor of minor maintenance, and reduction to the level of plaster restoration.

PROJECT DESCRIPTION

Project Name: TENNESSEE WILLIAMS THEATER

Client Name: Florida Keys Community College
Contact: Leigh Smith
407-835-0918

Key Personnel: Bert L. Bender, Matthew Stratton

Project Location: Key West, Florida

Project Performance

Period: 2005 - 2007

Budget: \$910,000



Description: The Tennessee Williams Theater is located on the Florida Keys Community College campus in Key West, Florida. The first phase in 2004 was to update and expand the existing restroom facilities. In addition to a very outdated appearance, the existing restrooms which were constructed in the early 1970's and did not provide facilities for the disabled. The women's restroom was expanded from 6 regular stalls to 8 regular stalls plus 1 additional ADA facility. The men's restroom was modified from 3 regular stalls and 4 urinals, to 1 regular stall and 5 urinals plus 1 additional ADA facility. Both restrooms were completely demolished, and extra square footage was obtained by incorporating the previous vestibule footprints into the new restroom design. New vestibules constructed of translucent glass panels were incorporated into the existing lobby area. The clean, modern style of the glass vestibules extend inside the restrooms through the use of natural stone tiles, natural wood, marble toilet partitions, and alabaster light fixtures.



The next phase for improvements to the theater was the expansion of the lobby, which began in 2005. An additional 1,400 square feet of lobby space was acquired by transforming the large covered porches that existed at the front of the building into new usable interior space. The strong geometric lines of the theater were softened with the addition of a floating arced colonnade that gracefully sweeps across the front of the building. A new driveway pierces through the colonnade, creating a porte cochere for patrons. Openings to the sky were designed so that palm trees could be planted between the colonnade and the glass façade of the lobby. Integral planters for landscaping assist in softening the building, and breaking up the sea of parking lot pavement located directly in front of the building.



Inside, the box office was renovated and reconfigured to be highly visible from the entry. Primary ticket windows address a covered porch area, which helps to alleviate congestion inside the lobby. Additionally, an ADA compliant ticket window was provided inside the lobby. The end result is referred to as the grand foyer, which not only serves as lobby space for the main 450 seat auditorium, but also as an ideal venue for small to medium sized performances with flexible seating plans for up to 250 patrons.

Representative Projects

Historic & Adaptive Reuse



work and paint.

Southeast Volusia Chamber of Commerce The historic restoration of the exterior of the Southeast Volusia Chamber of Commerce in New Smyrna Beach, Florida. The restoration involved selective demolition of non-historic finishes in a manner that protects the underlying historic finishes and features, rough carpentry, finish carpentry, roofing, siding repairs using wood and stucco, window restoration and relocation of selected mechanical units, electrical service and panel relocation, site



Golden Gate Building, Stuart, Florida We designed a structural steel reinforcement for the walls of the Golden Gate Building in Stuart, Florida. That system utilized structural steel studs anchored to the terracotta and concrete walls.



Walter Reed Army Medical Center Cupola, Washington, D.C. We provide specialized historic consulting for CSI's design build contract at the Walter Reed Medical Center in Washington, DC.; specifically for the historic cupola located on the original hospital building, opened May, 2009. We conducted a site survey and issued our findings in a report. We analyzed and assessed the cupola and made specific recommendations for the restoration of the cupola to supplement the Gale Associates, Inc. report dated December 9, 2008. This included written

documentation, photographs, details and supplemental materials.



The Stuart Welcome Arch has spanned over Martin County's Dixie Highway in its original location for over three-quarters of a century (currently SR 707, Dixie Highway and Arch Street). When it was completed on February 20, 1926, this two-story masonry gateway marked the northern boundary of the City of Stuart. The Arch was and is once again a distinctive landmark built in the Mediterranean Revival

architectural style representative of the best, high profile 1920's structures in the community. It was built, maintained and protected at its original Dixie Highway location by local organizations and government. The image of the Welcome Arch has always reflected its relationship with the creation of Martin County – and anyone who sees the Welcome Arch almost instinctively knows that it represents this county's birth and heritage.



KEY WEST LIGHTSTATION Phase I consisted of the restoration of the Lighthouse Tower. It was completed in February 1989, required extensive brick masonry restoration and repointing, and has been the recipient of numerous design and preservation awards. Phase II involved the adaptive re-use of, and compatible addition to, a pair of 1920's concrete and masonry garages for use as a museum store and reconstruction of the 1891 brick oil house to its historic appearance. Phase III features a complete and rigorously accurate restoration of the Light Keeper's Quarters, including replacement of original wood and shellac interior finishes throughout. The restored Keeper's Quarters is used as a museum display space. We provide ongoing consultation for the Lighthouse, including maintenance and restoration of individual elements, with annual inspections.

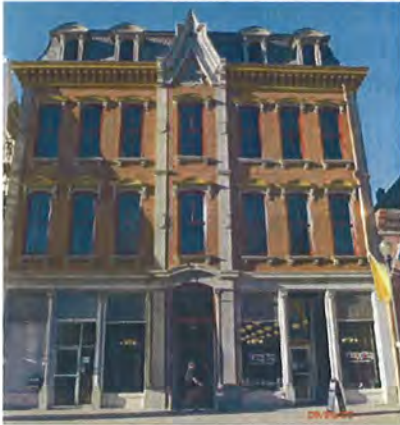


This project for the restoration of the **JUPITER INLET LIGHTHOUSE** includes an Historic Structure Report and measured drawings, a Master Site Plan, architectural design and construction documents for both the tower and Oilhouse. This includes design and installation of scaffolding, chemical removal of interior/exterior masonry and metal coatings, silica blasting of exterior/interior metal, repointing/repair of mortar/brick, repair and replacement of damaged metal, repair/replacement of damaged glass and wood, re-priming/repainting of all surfaces, improving all electrical services to meet code and public access needs, and installation of laminated glass in the Lantern Room. All work meets the Secretary of the Interior's Standards, as well as that of the State Office of Historic Preservation. Restoration was completed, and the Tower relit on April 28, 2000.



BILL BAGGS CAPE FLORIDA LIGHTHOUSE Bender & Associates has been involved in two phases of the Cape Florida Lighthouse restoration. In 1989, we prepared record documentation, historic structure report and HAER documentation as well as construction documents for a total restoration. In 1995, we prepared documents for masonry restoration to the tower. This phase is now complete and the historic re-lighting was held on July 27, 1996. Restoration work on the tower included masonry, metals and lime based coatings. Specifications were based on historic research and analysis of historic materials collected on site.

This project was the recipient of an award for "Excellence in Construction" from the Florida Gulf Coast Chapter of Associated Builders and Contractors, Inc., 1996.



Masonic Temple This project involved the preparation of a historic structure report on the historic Masonic Temple in downtown Madison, Indiana. Our work included field surveys, research and design. Following our historic structure report, we provided ongoing design consultation as individual construction phases progressed. The owners have a great love of historic buildings and wanted to produce as accurate a restoration as possible. To this end, we arranged for historic coatings analyst Frank Welsh, of Bryn Mawr, PA, to conduct a survey of paint and coating finishes. The results were exciting, determining that the building had incorporated painting techniques that had become a lost art. Frank's report states: *"The galvanized metal roof trim, cornices and window hoods were sand-painted to imitate the appearance of unpainted stone; probably to match the storefront's stone cornice and columns, and the pilasters and window sills. The use of sand and paint to imitate the appearance of stone was employed in 18th century American buildings and grew in popularity throughout the 19th century."*



The Roth Building This project is the adaptive reuse of the Old Mariner's Hospital building, a one story 27,000 square foot concrete masonry structure located at 50 High Point Road in Plantation Key, Florida for use as a Sheriff's Substation, Public Defender's Office, the State of Florida Department of Health, the Rural Health Network Dental Office, Monroe County Clerk of the Court, along with common areas and shared public office space. Site work included installation of site utilities, lighting, landscaping, grading, paving, and draining. The masonry structural shell was reinforced to withstand Category 5 hurricane forces and new interior partitions and finishes were provided along with complete new plumbing and electrical systems. Of the 27,000 square feet, the Florida Department of Health provided interior finish of their 5,700 square foot space under a separate contract. This is a cost effective renovation, including site work, structural work and roofing for the entire structure, and interiors for 21,300 square feet. Construction costs are under \$120/s.f. for the County space, and under \$95/sq. ft. for the entire building.

FIRE STATION RESTORATION & ADAPTIVE REUSE

Client:

City of Miami

Type of Project:

Restoration & Adaptive Reuse

Project Location:

Miami, Florida

Building Area (sf):

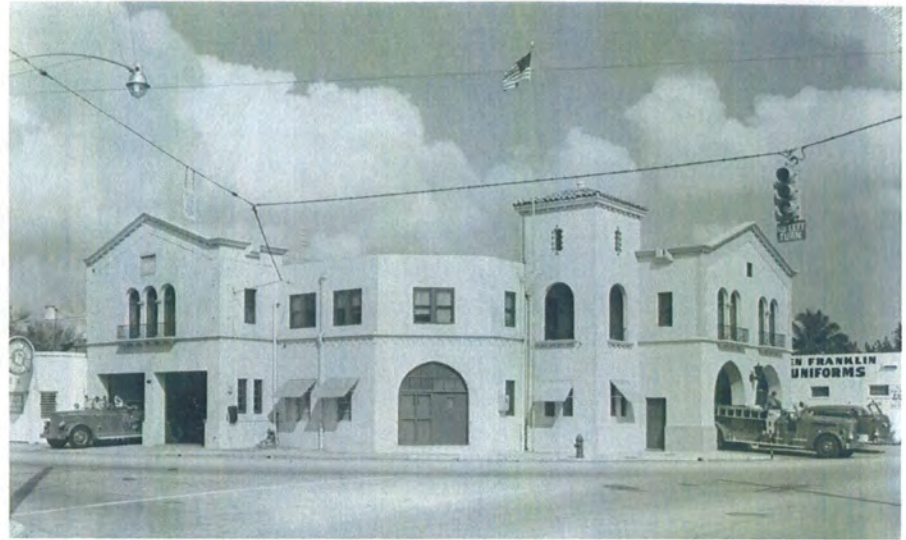
9,140sf

Construction Cost:

\$2.2 million

Project Completion:

2012



The project's prime objective is to restore and rehabilitate a 1926 vintage Fire Station; and to provide a facility adapted for reuse by the City's 'Community Redevelopment Agency' with accommodations for a City Police Substation on the second floor, and a retail food and beverage facility on the floor below.

The historic Fire Station No. 2 was left abandoned and in a state of progressive deterioration for many years. In order to stabilize and protect the building, the exterior walls were reinforced with a unique steel and gunite application requiring foundation retrofit, and the roof was reconstructed. Based on historic photos, the façade has been completely restored to its original 1926 profile.

Reuse of the building required the removal of piecemeal additions and the construction of new floors, walls and ceilings, the careful integration of HVAC, electrical, plumbing, life safety and lighting systems, restrooms, egress stairs and an accessible passenger elevator.



3D Model



HISTORIC COURTHOUSE EXTERIOR RESTORATION

Client:

General Services
Administration

Type of Project:

Historic Courthouse
Renovation

Project Location:

Miami, Florida

Building Area (sf):

28 stories

Budget:

\$20 million

Construction Method:

Hard Bid

Building Material:

Exterior Terracotta

Publications:

Miami Herald 2008



Following years of neglect, the Dade County Courthouse began a restoration program implemented in phases over a 20 year time line. The award winning revitalization of Miami's most prominent historic structure was made possible through the efforts of MC Harry Associates and their commitment to sustainable design and historic restoration.

The initial challenge was to make the building weather tight. Focus was placed on restoration of the tower's cracked and spalled terra cotta façade and leaking fenestration. The renovation and restoration process required the introduction of more than 500 new, historically accurate, windows and the replacement of more than 600 individual 'stones'.

Other strategies to rejuvenate this historic gem include reroofing of the iconic metal pyramid, new and improved mechanical, electrical, and air-conditioning systems, life safety improvements, and achieving full handicap access to the building.



HISTORIC COURTHOUSE LOBBY RESTORATION

Client:

General Services
Administration

Type of Project:

Historic Renovation

Project Location:

Miami, Florida

Building Area:

5000sf

Budget:

\$4 million

Construction Method:

Hard Bid

Building Material:

Exterior Terracotta
restoration, custom
fixtures and furniture

Publications:

Miami Herald 2008

**Awards:**

Dade Heritage Trust
Award of Excellence



When the Dade County Courthouse opened in 1928, the Lobby was open-air with a central atrium space open to the floor above. The Lobby was eventually enclosed and air-conditioned in 1950 and the two story atrium was decked over.

Armed with original blueprints and a collection of old photographs, MC Harry Associates gathered a team of technical consultants and historians to research and restore original finishes and details. During the process, original ceiling mosaic artwork was uncovered and restored.

HISTORIC COURTROOM RESTORATION

Client:

Miami Dade County
GSA — AOC

Type of Project:

1928 Courtroom
Restoration

Project Location:

Miami, Florida

Building Area:

2,372 sf

Construction Cost:

\$570,000

Year of Construction:

2008

Construction Method:

Hard Bid



Courtroom 6-1 is part of the rich legal and architectural history of Florida. Located on the sixth floor of the historic Dade County Courthouse, it has provided the backdrop to many historic trials and individuals including notorious mob boss Al Capone; would-be assassin Giuseppe Zangara convicted for the 1933 attempted murder of Franklin D. Roosevelt; and the 1990 landmark tobacco trial.

Armed with original blueprints and a collection of old photographs, MC Harry Associates gathered a team of technical consultants, historians and exceptional craftsmen to create innovative design solutions which modernized Courtroom 6-1 without compromising its underlying historic fabric.

The restoration effort, which returned the courtroom to its original 1928 splendor, involved the rejuvenation of hand carved woodwork and beam ceilings; the recreation of ornate brass desk lamps and candelabra-like wall sconces; and the return of the courtroom's original textured two tone wall finishes and tile flooring.

**Awards:**

Florida Association AIA
Merit Award of
Excellence

Miami Chapter AIA
Merit Award
Historic Restoration

Florida Trust for Historic
Preservation
Award of Excellence

Dade Heritage Trust
Award of Excellence

OPA LOCKA CITY HALL HISTORIC RESTORATION

Client:

City of Opa Locka

Type of Project:

Restoration and
Adaptive Reuse

Project Location:

Opa Locka, Florida

Building Area (sf):

7,800sf

**Renovation &
Restoration**

Construction Budget:
\$2.2 million

Year Constructed:

1926



The City of Opa Locka, a 1920s vintage thematic development of aviation pioneer Glen Curtiss, was based on the *Arabian Nights* folklore literature evident by the large collection of Moorish Revival Architecture found throughout the City. Opa Locka currently has twenty such buildings listed on the National Register of Historic Places.

Perhaps the most intriguing reminder of the City's past is their iconic City Hall building designed by architect Bernhardt Muller. The building, with its array of domes, minarets, pointed arches, and crenellated parapets was built in 1926 and served as the sales center for the emerging Opa Locka community prior to becoming the City Hall administration building.

Currently, the building is unoccupied and suffers a degree of damage from water intrusion, termite infestation and general neglect. MC Harry Associates has been engaged by the City to conduct an analysis of existing conditions, develop a program for complete renovation/restoration to be implemented in phases, and to identify cost implications of reuse as a community activities venue combined with selective city administrative functions.

It is interesting to note that the City's name, Opa Locka, is derived from the Native American word "Opa-tisha-worka-locka" meaning "a big island covered with many trees and swamps".

Work includes preparation of drawings, specifications, and all necessary documents required to obtain permits for the repairs of this building and completion of this project. Work also includes removal of mold.

TOWN OF MIAMI LAKES - GOVERNMENT CENTER DCP

Client:
Town of Miami Lakes

Type of Project:
Design Criteria
Professional

Project Location:
Miami Lakes, FL

Building Area (sf):
25,000 SF

Budget:
\$4,273,204.00



Town of Miami Lakes – Government Center DCP Miami Lakes, a vibrant and beautiful city with parks, tree-lined streets, and a hometown atmosphere, is home to over 27,000 residents and more than 1,700 businesses. The Town administration has been accommodated within various leased spaces since incorporation, and desired a new building to accommodate their Executive and General Administrative Offices, Building and Zoning Department, and Public Safety. *MC Harry Associates*, in their capacity as Town Architect, was engaged to develop the Government Center Design Criteria as part of a design/build approach to project delivery. Development of the design criteria for this 25,000sf facility required close collaboration with the Town Council and Town Manager, and relied heavily on MC Harry's expertise in the design and construction management of municipal facilities.



Images - Wolfberg Alvarez Associates

NORTH COUNTY GOVERNMENT CENTER

Client:

Palm Beach Gardens

Type of Project:

Addition / Renovation

Project Location:

North Palm Beach, FL

Building Area:

104,000sf

Construction Cost:

\$12.5 Million

Construction Delivery:

Design Build



Palm Beach County was in need of additional space to accommodate an increase in both Criminal and Civil proceedings.

They engaged MC Harry Associates as part of a design/build team to design and construct a 72,000sf addition to their aging 32,000sf courthouse building which required major renovation.

The consolidated building complex now houses multiple courtrooms and support spaces including judge's chambers, attorney/client conference rooms, a law library, space for the County Sheriff and their detention facilities, the Public Defender, the County Clerk, and a variety of County Commission offices.

The design required an integrated building-wide security system comprised of video surveillance, intrusion prevention, holding cell control, all-call intercom paging, and interface with fire alarm systems.

LAUDERDALE LAKES CITY HALL COMPLEX

Client:

Kimley-Horn &
Associates, Inc.

Type of Project:

Design Criteria
Professional

Project Location:

City of Lauderdale
Lakes, FL

Planning & Design**Fee:**

\$56,000



M.C. Harry Associates provided planning, space programming, preliminary design, and cost analysis for the implementation of the 5 Year City's Capital Improvements Program to expand and modernize their aging 'City Hall Complex' where demand for space far exceeded that available.

Expansion opportunities include adaptive reuse, renovation, refurbishment and hardening of several existing campus buildings. Of particular interest is the potential to remodel, repurpose and add space to an on-site vacated County Library building.

This concept will facilitate relocation of the Broward County Sheriff's Office police substation from existing City Hall allowing City Hall functions to expand internally without compromising critical space adjacencies.

Additional components of the CIP plan included roadside safety and traffic calming improvements; the acquisition and development of properties for public trails, various city-entrance structures, a passive park, and a new fire station.

VILLAGE HALL COMPLEX



Client:
Village of Palmetto Bay

Type of Project:
Village Hall Complex

Project Location:
Palmetto Bay, Florida

Building Area:
10,119sf

Construction Budget:
\$2.5 million

The Village of Palmetto Bay hired M.C. Harry & Associates to develop a conceptual design for a new 10,000sf Village Hall Complex located on a 2.4 acre site.

The Village envisions a civic center with distinct character that will serve as the anchor for future development and redevelopment in their emerging downtown central business district. The project will incorporate elements that encourage pedestrian activity, allows for efficient land utilization, facilitates both pedestrian and vehicular circulation.

The building program defines an administrative office complex that includes the Village Manager, Building and Permitting, Planning and Zoning, Village Clerk, Finance Department, and both a Police and Parks & Recreation Department.

The new facility will incorporate new technologies such as energy efficiency systems, computer network connectivity and energy efficient lighting.



MCHARRYASSOCIATES 

VILLAGE MUNICIPAL CENTER

Client:

Village of Islamorada

Type of Project:

New Municipal Center

Project Location:

Islamorada, Florida

Building Area (sf):

15,000sf Village Hall
5,000sf Fire Station

Construction Cost:

\$6 million



The new village hall complex includes a Village Council Chambers doubling as an emergency operations center; Administration and Finance Department, Planning and Zoning, Building and Code Compliance Services; Public Works Department.; Village Clerks Office; and administrative offices for the Village Manager.

The fire station component of the project includes a 2-bay apparatus garage housing combat and EMS equipment; watch room; living quarters for a dual gender workforce; day room, dining room, and kitchen facilities; toilet, shower, locker, laundry rooms; emergency generator; and related paving, drainage, lighting, parking, landscape design and signage.

Both buildings represent key elements of village infrastructure. In order to safeguard the Municipal Center against severe weather conditions, the village found it necessary to base the design of these two buildings on **design standards that exceed the Florida Building Code**. Secondly, critical village records storage rooms located within the village hall are also protected with a hardened interior wall system in the event the perimeter envelope is breached.

The project was placed on hold following completion of contract documents.



GRAHAM CENTER AUDITORIUM RENOVATIONS

Client:

Florida International University

Type of Project:

Renovation & Modernization

Project Location:

Modesto Maidique Campus
Miami, Florida

Project Size:

2,280sf

Construction Cost:

\$700,000

Cost per Square Foot:

\$307

Construction Method:

CM at Risk

Seating Capacity:

80 seats



CG150 Auditorium Renovation

This auditorium was outdated, acoustically inadequate, lacking provisions for handicapped access, and on occasion subject to rising water intrusion originating in a nearby surface parking lot.

MC Harry Associates introduced all new floor, wall and ceiling treatments; new terraced seating; a programmable lighting system; state of the art audio-visual infrastructure; a series of acoustic control strategies including entry vestibules, a sound-soak panel system to minimize reverberation, and all new variable volume, low velocity, high efficiency A/C equipment and ductwork.

Accessibility issues were mitigated with the introduction of a chair lift in conjunction with six individual wheelchair seating positions and a custom designed speakers podium.

The low level 'stage environment' was elevated approximately twelve inches to prevent water intrusion. The space is routinely used as the assembly space for the student government association

GRAHAM CENTER AUDITORIUM RENOVATION

Client:

Florida International University

Type of Project:

Renovation & Modernization

Project Location:

Modesto Maidique Campus
Miami, Florida

Project Size:

3,300sf

Construction Cost:

\$700,000

Cost per Square Foot:

\$212

Construction Method:

CM at Risk

Seating Capacity:

217 seats



GC140 Auditorium Renovation

This aging auditorium space was uninviting, acoustically inadequate, lacking provisions for handicapped access, and on occasion subject to rising water intrusion originating in a nearby surface parking lot.

MC Harry Associates introduced all new floor, wall and ceiling treatments; new terraced seating; a programmable lighting system; state of the art audio-visual infrastructure; a series of acoustic control strategies including entry vestibules, a sound-soak panel system to minimize reverberation, and all new variable volume, low velocity, high efficiency A/C equipment and ductwork.

Accessibility issues were mitigated with the introduction of a chair lift in conjunction with six individual wheelchair seating positions and a custom designed speakers podium.

The low level 'stage environment' was elevated approximately twelve inches to prevent water intrusion. The space is routinely used as a teaching auditorium and lecture hall, and as a venue for small live performances and the screening of new release movies.

BOOKER T. WASHINGTON HIGH SCHOOL AUDITORIUM

Client:

Miami-Dade County
Public Schools

Type of Project:

Performing Arts Theater

Project Location:

Miami, Florida

Building Area:

26,000sf

Construction Cost:

\$5.2 million

Year of Construction:

2002

Construction Method:

Design Build

Building Material:

Masonry and Stucco



The design and construction of an 825 seat performing arts theater complete with a thrust stage, balcony seating, scene shop, dressing rooms, a sound/lighting control booth and catwalk access to an array of theatric lighting.

3D computer modeling was employed to assure unobstructed sight lines were achieved for every seat in the house.



VIZCAYA PARK COMMUNITY CENTER

Client:

City of Miramar

Type of Project:

Community Center

Project Location:

Miramar, Florida

Building Area (sf):

7,660sf

Budget:

\$2 million

Year of Construction:

2012

Construction Method:

Design-Bid-Build

Building Material:

Masonry, Stucco



The City of Miramar's 'green' Community Center serves as the anchor and support facility for their 20 acre Vizcaya Park which offers several recreational opportunities for the local community including soccer and baseball, outdoor basketball, picnic dining, and fitness trail exercise.

Contributing to the Community Center's LEED GOLD achievement is an annual water savings of 53%; and a 19% annual energy savings. The floor plan is organized around a central lobby space/information center flanked by a large multipurpose assembly space on one side, and a variety of administrative offices, toilet facilities, and storage spaces on the other.

The Center's design expression reflects the neo-Mediterranean architecture of the surrounding residential neighborhood and the community at large.

LEED GOLD
CERTIFICATION



MCHARRYASSOCIATES



ROYAL OAKS PARK COMMUNITY CENTER

Client:

Town of Miami Lakes

Type of Project:

Community Center

Project Location:

Miami Lakes, Florida

Building Area (sf):

8,000sf

Budget:

\$2.2 million

Year of Construction:

2009

Construction Method:

Design-Bid-Build

Building Material:

Masonry, Stucco

LEED Certification:

Gold Certification



Royal Oaks Park is one of the most used multi-purpose parks in the Town of Miami Lakes. The facility is located in the heart of a residential community and offers 4 athletic fields for soccer and football, open playfield areas, a tot lot/playground area, picnic pavilions, exercise/bike trail, and a concession stand.

The Royal Oaks Community Center not only completes the park but also initiates the Town's aggressive investment in sustainable design for all of their municipal projects. As a result, MC Harry Associates delivered the first municipal project in South Florida to achieve LEED Gold Certification. Contributing to this achievement is an annual water savings of 53%; and a 19% annual energy savings.

The Community Center's design expression reflects the neo-Mediterranean architecture of the surrounding residential neighborhood. The 8,700sf floor plan is organized around a linear pre-function lobby space flanked by a large multipurpose assembly space on one side, and a variety of administrative offices, toilet facilities, and storage spaces on the other.



GIBSON-BETHEL COMMUNITY CENTER

Client:

City of South Miami

Type of Project:

Municipal Center

Project Location:

South Miami, Florida

Building Area:

23,000sf

Construction Cost:

\$3.5 million

Year of Construction:

2002

Construction Method:

CM at Risk

Building Material:

Masonry, Glass Curtain Wall

Publications:

Environmental Design & Construction Magazine; March 2005



The Gibson-Bethel Community Center, first conceived more than thirty years ago, was ultimately realized through the collaborative engagement of a forward thinking city administration, a persistent and dedicated neighborhood coalition, and an architect inspired to improve the quality of life of the depressed residential community surrounding Murray Park.

Through a series of community workshops an early-on bust between neighborhood development interests and project funding was identified. Local residents were invited to work with the design team to successfully distill the building program to its essence, reducing the program by more than 30% without losing its primary objective; creating a facility that combines athletic and recreational activities with educational opportunities for the city's youth, adult, and senior population.

The result, a 23,000sf, two story community center now home to the city's 'After School House' student tutoring and care program; the Community Action Agency's computer education program for adults; an after school care program; the Youth Basketball League's tournament series; an indoor soccer program and karate classes; and a fitness center.



MCHARRYASSOCIATES

CORAL REEF PARK

Client:

Village of Palmetto Bay

Type of Project:

Amenities Building

Project Location:

Palmetto Bay, Florida

Budget:

\$850 thousand

Year of Construction:

2010

Building Material:

Masonry + Stucco,
metal and wood

LEED Achievement:

Certified



Located in the heart of the Village of Palmetto Bay, *Coral Reef Park* with its 50 acres of open green space, pineland preserve areas, tranquil waterfront meditation garden, and active sports field venues is *the* signature park facility in a municipality that proclaims itself the 'Village of Parks'.

Focused on specific park improvement initiatives that reinforce and build social and human capital, the Village engaged the architects to lead a collaboration based design process adhering to a multi-phased master park plan calling for incremental improvements which continue a safe, user-friendly, neighborhood park environment.

The result, a 4,050sf, building carefully sited at the nexus of two ball fields in a wooded setting offering a shaded concessions environment with elevated views of the surrounding field activities. The building expresses a sense of movement and youthful exuberance without overpowering the site, and acts as a focal point offering a place for refreshment, respite, and congregation.

Sustainable design strategies incorporated into the building include natural ventilation of all public spaces; low flow plumbing fixtures; high efficiency lighting; and wood building components following the Forest Stewardship Council's principals and criteria.



MCHARRYASSOCIATES 



Orlando Catholic Diocese, Historic Renovation

The Catholic Diocese of Orlando desired landscape architectural design services for their newly renovated offices in downtown Orlando. Originally part of the historic downtown post office, the Diocese took over the northern portion of the building, while the postal service maintain operations in the southern portion. This landscape architectural design took on a formal Italian flavor with the new garden design. Mr. Oropeza master-planned the entire city block which included the Orlando Catholic Cathedral. The final design included a significant parking area that divided the two uses, and his plan turned the parking area into a multi-function space which caters to special events as well as parking.

Keith Oropeza, Landscape Architect

LANDSCAPE ARCHITECTURE



Southern Lagoon Restoration



Northern Canal and Tidal Swamp Restoration



Vizcaya Museum and Gardens, Miami, Florida

E Sciences is providing design services for the renovation and restoration of the Southern Lagoon and Northern Canal and Tidal Swamp. The firm is combining the landscape architectural and ecological service lines with the mission of blending art and science. E Sciences is surveying the property and making recommendations to restore the functional aspects of these tidal basins in a creative manner befitting this historical landmark.



Norment Perry Inn, Orlando, Florida, Historic Renovation

The Norment Perry Inn is one of Orlando's treasured historic properties. The property serves as a luxury bed and breakfast facility in the heart of downtown. The courtyard design allows for large gathering such as wedding receptions and corporate retreats in an intimate setting. The landscape design utilized large and heavy foliage for a tropical feel that is resistant to the occasional freezing weather of Orlando. The courtyard's brick paving is old Chicago brick that was originally used in the streets of Downtown Orlando.

Keith Oropeza RLA, ASLA



LANDSCAPE ARCHITECTURE



Seminole County Criminal Justice Center, Seminole County, Florida

This stately public building has become the pride of Seminole County. Mr. Oropeza's organizational design approach created a tree lined mall to reinforce the vertical icon of the building. A central rosette plaza, water feature, and formal gardens draw people to the building. A simple, clean uncluttered approach to the landscape creates a sense of organization that refreshes and relaxes those who come to this public building.

Keith Oropeza, Landscape Architect

LANDSCAPE ARCHITECTURE



East Front Street Stormwater Improvements

Client:

City of Key West
Mr. Jay Gewin
(305) 809-3902

Design Fee:

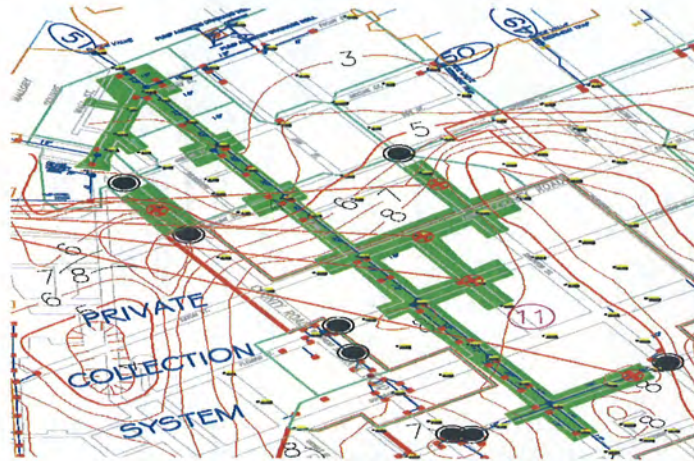
\$191,000 (2012)

Contractor:

Currently in Preliminary Design Phase

Construction Cost:

\$2,400,000 (Est.)



Project Description:

The City has also prepared a Storm Water Master Plan to identify and prioritize new storm water projects. The Storm Water Master Plan has identified the need for improvements to the East Front Street area and its contributing drainage basin areas. The City has been awarded a Hazard Mitigation Grant (FEMA Project 1539-47-R) for Phase I of this project. The Phase I deliverables include, but are not limited to the following:

- Engineer's plans that clearly show the pre and post effects of the proposed project.
- The plans shall depict the physical locations and elevations of the infrastructure and the FEMA Special Flood Hazard Areas.
- Publish public notices in a manner that anyone that may be affected or interested in this project has access to the posting and meet all required environmental laws and policies.
- Preparation of a detailed Benefit Cost Analysis.
- Provide FEMA a set of community approved, State reviewed construction plans (sealed) for review and comment.

Stormwater Gravity Injection Wells Phase 5

Client:

City of Key West
Mr. Jay Gewin
(305) 809-3902

Design Fee:

\$219,925 (2009—2010)

Contractor:

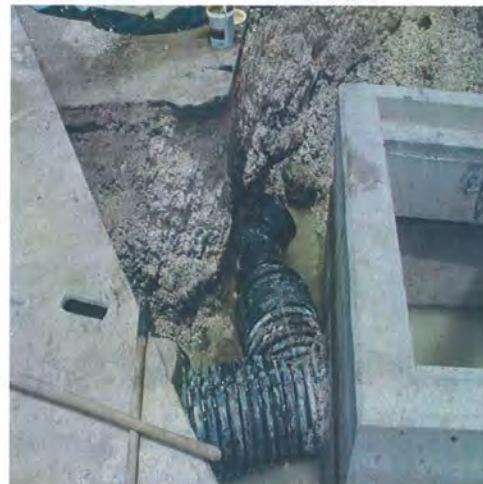
Charley Toppino and Sons, Inc.
Mr. Frank Toppino
(305) 296-5606

Construction Cost:

\$1,998,358

Project Description:

The City developed a Long Range Storm Water Utility Plan to address areas of local flooding, standing water (puddling), and flood control measures. The City has also adopted a Storm Water Utility Ordinance and Rate Structure to alleviate the cost of implementing new projects and maintaining storm water systems. The project included data collection, preliminary design, final design, permitting, bid services, and construction services for the construction of ten Class V gravity injection wells.



Horace O' Bryant Middle School

Client:

Rick Z. Smith, Architect
 Mr. Rick Smith
 (813) 901-9663

Design Fee:

\$77,800 (2009—2010)

Contractor:

Coastal Construction
 Mr. Keith Sockaloski
 (305) 296-6808
 Project is currently under construction

Construction Cost:

\$30 Million, Approx.



 Coastal

Horace O'Bryant School

Photo #120723017
 Date: 07/23/12
 Location: 24 4977 81 7871

North Photography 101 54 348 044

Project Description:

Perez Engineering & Development, Inc. (PE&D) has provided certain professional services including site civil engineering, and permitting for a new Elementary/Middle School. The project is located in Key West, Florida. We were responsible for designing a stormwater management system to service a 5+ acre educational facility for the Monroe County School District. Drainage system design includes \pm 1,500 linear feet of stormwater pipe, +50 stormwater structures, and a class V gravity injection well. Completed ICPR hydraulic modeling calculations, HYDRA Storm Sewer conveyance sizing calculations, and permitting through the SFWMD & FDEP. We were also responsible for the design of the sanitary sewer collection system and potable water distribution system. These utilities were permitted through FDEP.

Marathon Distribution Main Upgrade

Client:

Florida Keys Aqueduct Authority
 Ms. Jolynn Reynolds, P.E.
 (305) 295-2141

Design Fee:

\$76,540 (2009—2010)

Contractor:

Metro Equipment, Inc.
 Mr. Jorge Goday
 (305) 598-7741

Construction Cost:

\$2,373,772

Project Description:

The FKAA needed to upgrade approximately 3.2 miles of the Marathon distribution main along US 1 at the following locations:

- 37th Street to 62nd Street (6,915 LF)
- 68th Street to 91st Street (5,568 LF)
- 22nd Street to Coco Plum Drive (4,595 LF)

The upgrade will include new 12-inch PVC C-900, fire hydrant assemblies, valves, customer service connections, and all appurtenances. Our scope included the preparation of construction documents, permitting, bid services, and construction services.

Patricia and Ashby Emergency Stormwater Outfall

Client:

City of Key West
Mr. Jay Gewin
(305) 809-3902

Design Fee:

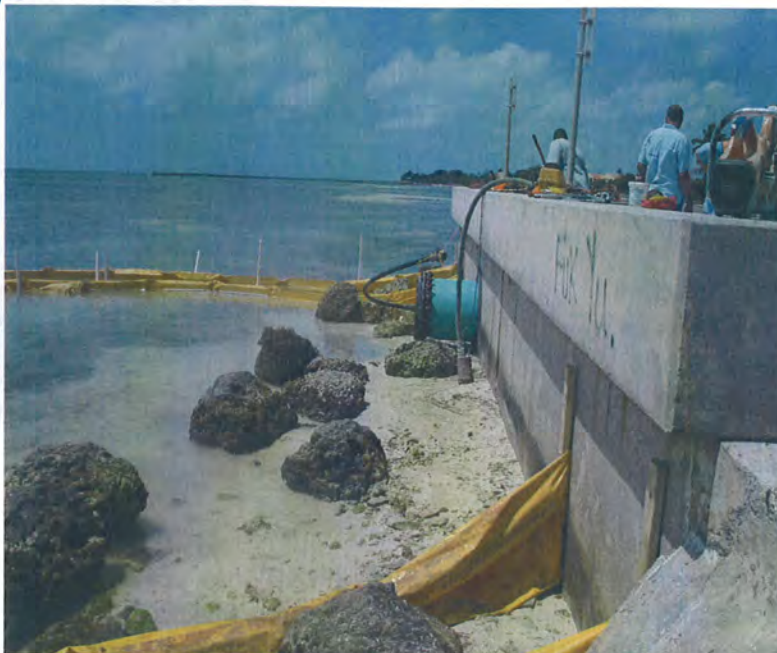
\$47,400 (2012—Present)
Construction Phase Services

Contractor:

Lanzo Construction, Inc.
Mr. James Tilli
(305) 296-5606

Construction Cost:

\$1,485,580



Project Description:

The project proposes improvements to the City of Key West, Florida drainage system to reduce flooding and pre-treat stormwater runoff. The project consists of the installation of an emergency generator with concrete platform, associated electrical, 30-inch outfall to the ocean, and all related work and appurtenances. Our scope of work consists of Construction Administration Services for the construction of the project. Our services include but are not limited to:

- Monitor performance of the Contractor.
- Determine test sites/locations, coordinate and supervise testing.
- Resolve minor construction problems.
- Maintain project records; materials installed and/or stored.
- Review and approve requests for payment to the Contractor.
- Maintain a project diary on a daily basis.



St. Augustine City Hall and the Lightner Museum; St. Augustine, Florida

Architect: CRG Architects Planners, Inc.
Jacksonville, FL

Contractor: Multiple Contractors

Const. Value: 10.5 Million (Multiple Phases)



St. Augustine City Hall / Lightner Museum

The St. Augustine City Hall and Lightner Museum has a prominent place in history. Built in 1888 by Henry M. Flagler, it was originally commissioned The Alcazar Hotel. The Alcazar Hotel was one of two Henry Flagler hotels built in St. Augustine during the 1880's. After years as an elegant winter resort, the hotel closed in 1932. In 1946, Chicago Publisher Otto C. Lightner purchased the building to relocate his Chicago-based museum. Two years later, he opened the Lightner Museum and later donated the building to the City of St Augustine.

The structure is a four-story building with two, entry towers, and an open landscaped courtyard with an arched stone bridge perimeter. The historic ballroom was converted into the city council chamber and the majority of the ground floor is leased space for shops and boutiques. The building has extensive ornate terra cotta which is slowly being replaced with colored cast stone. Today, the structure is recognized as a National Historic Landmark, serving as the City Hall for St. Augustine, with the museum located in the south wing.

Its construction consists of a heavy timber framed roof and elevated floors with perimeter coquina concrete walls. The north, east and west wings were totally renovated and restored, which required the addition of stairs, elevators, reinforcement of the elevated floors and roof; repair of water and termite damage and restoration and replacement of the of the exterior doors and fenestrations.





Casa Monica Hotel St. Augustine, Florida

Architect: Howard Davis Architects
St. Augustine, FL

Contractor: R. J. Griffin & Company
Orlando, FL

Const. Value: \$13 Million

Casa Monica Hotel

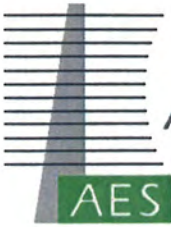
The Casa Monica Hotel, formerly, an old Henry Flagler Hotel built in the 1880's, served for years as the St. John's County Courthouse until a major renovation in 2000 converted the structure back into a grand hotel.

The rear of the existing, original five-story hotel was enlarged with the addition of four stories that include three levels of guest rooms, a ballroom, a new kitchen, and a service wing. The first floor of the new addition provides generous parking space. The second floor includes a spacious deck and lap pool.

The five tower suites, showcased in the former hotel, are restored to their original splendor and offer guests of the Casa Monica Hotel luxurious accommodations and commanding views of St. Augustine, the "Nation's Oldest City."

The original structure consisted of exterior cast-in-place concrete walls with interior timber framing. During the renovation, large portions of the original structure, particularly in the north wing, were re-framed. The floors at the northwest end of the building were re-framed with the existing roof structure remaining intact. The new, rear addition consists of exterior cast-in-place concrete walls.





Allegheny County Jail Restoration & Adaptive Reuse Pittsburgh, Pennsylvania

Architect: IKM Incorporated
Pittsburgh, PA

Contractor: Mascaro Incorporated
Pittsburgh, PA

Const. Value: \$28 Million

Allegheny County Jail

Culminating years of study and development, the transformation of H.H.Richardson's Allegheny County Jail into new courtrooms and judicial offices took creative tactics from Atlantic Engineering and creative thinking from the local preservation society. The shell was carefully restored to its original, with previously closed doorways reopened and granite masonry rebuilt.

The interior presented the greatest challenge. The multi-level cell-blocks were an insurmountable obstacle to the reuse of the interior space. They were removed entirely, leaving six-story tall spaces. These huge spaces were in filled with a five-level concrete frame, preserving the dramatic feel of the large central atrium. Exterior ancillary structures were removed to make way for new pedestrian courtyards, or were reconstructed as part of the renovated facility, maintaining the imposing character of this historic landmark building.





Florida State Museum Gainesville, Florida

Architect: William Morgan, Architects
Jacksonville, FL

Contractor: The Auchter Company
Jacksonville, FL

Const Value: \$2.1 Million

Florida State Museum

The Florida State Museum located in Gainesville, Florida is a three-story, 102,242 square foot structure. The first and second floor houses reception area, exhibit space, research offices, administration workspaces and storage. The third level consists of terraced court spaces that lead to adjoining buildings.

.The structure system is a combination of concrete slabs on grade, retaining walls, cast-in-place concrete columns and steel roof trusses.





MUNICIPAL FACILITIES

	Constructed Value
Police Administration Building; Jacksonville, FL	\$9,000,000
Westmoreland County Courthouse; Greensburg, PA	\$5,000,000
Baker County Courthouse; MacClenny, FL	\$4,000,000
Renovation of the St. Augustine City Hall; St. Augustine, FL	\$3,500,000
St. Johns County Utility Department Headquarters Office Building; St. Augustine, FL	\$3,200,000
St. Johns County Utility Warehouse Complex; St. Augustine, FL	\$3,000,000
County Services Building for St. John's County, St. Augustine, FL	\$3,100,000
Lawrence County Courthouse, Renovation and Addition; New Castle, PA	\$3,000,000
City Hall Renovation of the City of St. Augustine; St. Augustine, FL	\$2,500,000
Pasco County Courthouse Renovation; Dade City, FL	\$2,000,000
Nassau County Courthouse Renovation; Fernandina Beach, FL	\$2,200,000
Atlantic Beach City Hall; Atlantic Beach, FL	\$1,500,000
1st District Court of Appeal; Tallahassee, FL	\$1,500,000
HRS Public Health Unit; Marathon, FL	\$1,300,000
Fire Station & Fire Truck Garage; Whitehouse, FL	\$1,100,000
Police Administration Facility; St. Augustine, FL	\$ 900,000
Medical Examiners Office; St. Augustine, FL	\$ 700,000
South Fernandina Beach Fire Station; Fernandina Beach, FL	\$ 550,000
US General Mail Facility, Surge Conveyor; Jacksonville, FL	\$ 35,000



Atlantic Engineering Services

Other Experience and Qualifications Relevant to Project:

University of North Florida, Thomas G. Carpenter Library Addition; Jacksonville, FL	\$23,000,000
University of Florida, Legal Information Center; Gainesville, FL	\$19,000,000
Police Administration Building; Jacksonville, FL	\$ 9,000,000
Florida Gateway College, Library / Audio Visual Center; Lake City, FL	\$ 8,000,000
Restoration and Adaptive Reuse of Gato Cigar Factory for Monroe County and Florida Department of Health; Key West, FL	\$ 4,500,000
Baker County Courthouse; MacClenny, FL	\$ 4,000,000
City Hall Renovation of the City of St. Augustine; St. Augustine, FL	\$ 3,500,000
St. Johns County Utility Dept. Headquarters Office Building; St. Augustine, FL	\$ 3,200,000
St. Johns County Utility Warehouse Complex; St. Augustine, FL	\$ 3,000,000
St. Johns County Services Building; St. Augustine, FL	\$ 3,100,000
Cummer Museum of Art and Gardens, South Campus; Jacksonville, FL	\$ 3,000,000
Nassau County Courthouse Renovation; Fernandina Beach, FL	\$ 2,200,000
Florida State Museum; Gainesville, FL	\$ 2,100,000
Pasco County Courthouse Renovation; Dade City, FL	\$ 2,000,000
City Hall; Atlantic Beach, FL	\$ 1,500,000
HRS Public Health Unit; Marathon, FL	\$ 1,300,000
Police Administration Facility; St. Augustine, FL	\$ 900,000
Fort Zachary Taylor Historic State Park Master Plan; Key West, FL	NA



City / County Government Projects & Historic Renovation Projects



Orlando City Hall, Orlando, FL (new construction)



Plano City Council Chamber, Plano, TX (Renovation)

Kinsella • Marsh Group, Incorporated
Miami Beach, FL: 305-868-1531 • Dallas, TX: 214-891-1400
Consultants in Acoustics & Communications Technologies



Palm Beach Town Hall, Palm Beach, FL
 (Historical Renovation)



Carrollton City Hall
 Carrollton, TX (Study)



Henderson City Hall Expansion
 Henderson, NV (New Construction)



Hillsborough County Administration Center, Tampa, FL (New Construction)



Fair Park Texas Hall of State, Hill Lecture Hall
 Dallas, TX (Historical Renovation)



Fullerton City Council Chamber, Fullerton, CA
 (Renovation)



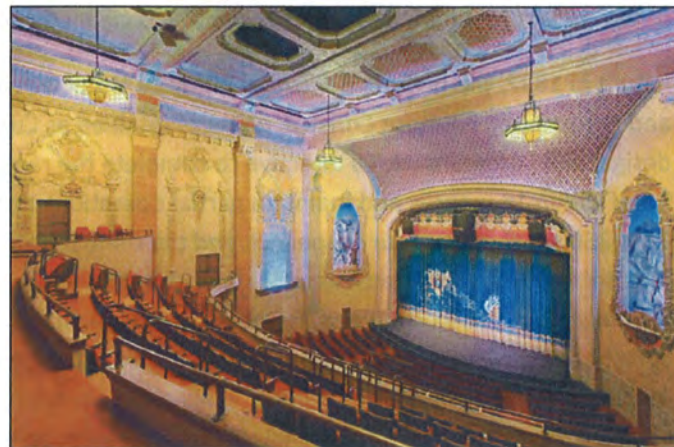
Hialeah Park Racetrack, Clubhouse & Facility Renovation
 Hialeah, FL (Historical Renovation)



Historic Atlantic City Convention Center
 Atlantic City, NJ (Historical Renovation)



Ritz Theatre, Tiffin, Ohio (Historical Renovation)



Balboa Theatre, San Diego, CA (Historical Renovation)

Kinsella • Marsh Group, Incorporated

Miami Beach, FL: 305-868-1531 • Dallas, TX: 214-891-1400
 Consultants in Acoustics & Communications Technologies

In 1954, Edward Parker, Sr. founded Biltmore Construction with a commitment to integrity, quality and service. Today, over five decades and three generations later, that commitment is documented by hundreds of projects completed throughout the State from the Panhandle to Key West.

Biltmore's 58-year evolution closely mirrors Florida's economic growth and development. Our commitment to quality customer service lead our firm to pioneer the industry's transition from traditional bidding delivery to construction management which so strongly reflects of goal or being a "partner" with our clients.

Biltmore's vision is to "be a highly sought-after Construction Manager by building quality structures with integrity and dedication to client service". We pride ourselves by "going beyond the scope" to assure client satisfaction. Our core services include construction management, design-build, general contracting, program management, and cost analysis.

We offer an extensive resume of historical restoration and renovation experience, as well as municipal facilities such as the Islamorada Administrative Center and Public Safety Headquarters that services as the Village's City Hall; City of Marathon's Joint-Use Fire Station and EOC; City of Seminole's Public Works Administration/EOC and Public Works Operations Building; City of Largo's Centralized Data Center; City of Clearwater Main Fire Station and Administration Center; City of Largo Public Library Complex; City of St. Petersburg West Library; City of Safety Harbor Library Renovations/Addition. Our experience includes historic preservation, renovations and remodeling projects for public and private clients.



Ybor City State Museum



Jennie Murphree Hall



Belleview Biltmore Hotel

Historical Renovation/Preservation Experience:

Our historical renovation experience also includes the renovation, restoration and historic preservation for the Episcopal Church of the Ascension, Stetson University College of Law, the historic renovation of the 100+ year old Belleview Biltmore Resort, the Clearwater Beach Hotel, Safety Harbor Spa, Ybor City State Museum, the Seminole Theatre in Homestead, the Palladium Theater and St. Mary's Church in St. Petersburg.

- **Jennie Murphree Hall** at Florida State University, built in 1922, underwent total renovation. The facility was gutted, roof system removed, with only the exterior walls remaining. Throughout construction, careful consideration was given to maintain the original architectural heritage of the building through attention to details such as the careful removal and cleaning of the original roof tiles and reinstallation. The exterior brick envelope was retained, and the brick work was cleaned and restored.
- **Built in 1897, the historic Belleview Biltmore Hotel** was in dire need of modernization and renovation. Biltmore Construction was retained as Construction Manager for the design/build program with a directive to complete the renovation and preservation of the hotel within 18 months and maintain partial operations through phasing. In addition to their 350 guest rooms, our scope included the remodeling and renovation to their Starlight Theatre and Grand Ballroom as well as construction of a new lobby facility to relocate the entrance, remodel existing restaurant areas into an audiovisual amphitheatre to include current technical equipment and workstations in a theatre setting. By maintaining the architectural integrity of the building, while adding modern features, the Belleview retained its status with the National Historic Preservation Society.



Stetson University Great Hall



Stetson University Bell Tower

- **Built in the 1920's, historical preservation to the Stetson University College of Law** was completed in three phases with a mandate to preserve as much as possible and to work around students and on-going campus business. In Phase I, dormitories and the food service area underwent a complete renovation from the bare walls, while taking care to preserve the beautiful detail of the existing wood beams and structure. Additionally in these areas, slabs were poured to replace previous wooden floor systems. Work was simultaneously started in the Great Hall, along with the installation of a chilled water system. Phase II included additional dorms and the restoration of their iconic Bell Tower. Phase III included the final restoration of the dormitories, and the addition of a new office building and cooling system for the south campus area.

Biltmore's attention to historic detail included microanalysis of original paint samples and the careful creation and replication of the terra cotta roof tiles. This attention to detail not only retained the architectural integrity of the famous landmark, but also won three major awards from the preservation society of the American Institute of Architects.

- **Strozier Library** was completely remodeled and renovated by Biltmore Construction while **preserving and restoring the historical structure** to maintain the original architectural integrity. Serving as the main campus library, careful phasing and construction sequencing was required to maintain full function and operations during the construction process.
- **The Historic Seminole Theatre**, built as a silent movie house in 1921, currently functions as multi-discipline performing arts education center. Preservation work included restoration of original lobby and their balcony and box seating areas with full MEP systems and acoustical systems replacement.
- **Built in 1925, The Palladium Theater** continues to operate as a community theater. The interior renovation consisted of repair, remodel and painting for various areas within the facility. The "Side Bar" Theatre was completely painted and renovated as was the stage and main theatre section. Requirements for a new chiller building adjacent to the existing building mandated the exterior look of the original building matched the historic structure as closely as possible. The brick was a Sioux City modular from Iowa, and the supplier went to great lengths to match the original cast stone. The brick work was a Flemish bond with portions of the precast (on the cornice and top cap) manufactured in two and three pieces, installed to present a one-piece integral finish. A second floor connecting bridge was constructed to tie the two structures together.



RELEVANT PROJECTS**Monroe County Department of Facilities – IAQ Services**

Contact: Jerry Barnett Director, and Maria Graziano
Address: 1100 Simonton Street, floor 2, Key West, FL 33040
Tel./Fax: (305) 292-4468 / (305) 292-4321
Email: graziano-maria@monroecounty-fl.gov
Project: IAQ and asbestos consulting
Date: 1999-Present
Cost: \$35,000

Monroe County has repeatedly requested environmental consulting services from Evans. This has been in the areas of indoor air quality and asbestos-related projects. Over the past several years, EE&G has conducted indoor air quality inspections, several of which, have included design and monitoring of remedial actions. Asbestos projects have included the complete inspection of the Mariner's Hospital, with the development of bid documents for abatement, a survey of the Thomas Street project and the development and implementation of an operations and management program for the public facilities building.

City of Fort Lauderdale (CFL) – Environmental, Engineering, Asbestos and IAQ Services

Contact: Frank Snedaker; Mehrdad Fayaaz
Address: 100 N. Andrews Avenue, Fort Lauderdale, Florida 33301
Tel./Fax: (954) 828-5000 / (954) 828-7881
Email: fsnedaker@fortlauderdale.gov / mfayaaz@fortlauderdale.gov
Project: Various Engagements throughout the City of Fort Lauderdale
Date: 05/98-Present

The management and staff of EE&G Environmental Services, LLC have provided environmental/engineering consulting, Asbestos and Indoor Air Quality (IAQ) services for the City of Fort Lauderdale since 1998 under Evans Environmental & Geological Science & Management, LLC (Evans), and under EE&G since 2008. Services include Environmental Due Diligence Assessments (Phase I/Phase II ESAs), Asbestos-Containing Building Material (ACBM) surveys (pre-demolition/renovations), lead-based paint (LBP) inspections, IAQ/Mold assessment, Brownfields consulting, Expanded Site Assessments, Remedial Action Plan design/implementation, Engineering Services, Dewatering design plans for WW2011 sanitary sewer installation projects, and Endangered Species assessment/relocation. The following summarizes various services provided by the staff of EE&G (under Evans), which demonstrates our vast knowledge of CFL projects.



- Conducted numerous Asbestos, IAQ, and Mold Assessments for City-owned properties, including City Hall, fire stations, police station, community centers, and recreational facilities. EE&G's scope of services included the following:



- Interviews with building occupants to establish background history and symptoms.
 - Conducted AHERA building material surveys.
 - Collection of bulk/air samples for asbestos; bulk/tape/swab/air samples for mold spores.
 - Measurements of relative humidity/temperature/dew point/carbon dioxide/carbon monoxide.
 - Water intrusion assessments.
 - Provided Assessment Reports, and designed abatement and remediation strategies.
 - Abatement/remediation project coordination, oversight, monitoring, & clearance sampling.
 - Conducted Phase I ESAs on over 50 properties on behalf of CFL. Several of these assessments identified Recognized Environmental Conditions (RECs), and required Phase II ESA soil and groundwater assessments. A large concentration of properties were located along the Sistrunk Boulevard corridor, along Broward Boulevard, along Federal Highway, and the various pump stations and City-owned facilities.
- **Major renovation of the 7-story City Hall building** required the removal of approximately 75,000 square feet of asbestos-containing, spray-applied fireproofing and fire sprinkler and HVAC re-design. Work was done as per OSHA and AHERA requirements. Evans was contracted to evaluate potential hazards posed by fireproofing applied in 1967, and developed specifications for removal of the material throughout the building so the fireproofing would not be impacted by the renovation activities. To alleviate potential concerns, which might have been generated by a lack of information, we conducted asbestos awareness seminars for all employees prior to abatement of the fireproofing. EE&G designed the configuration of the decking and tunneling required to facilitate ingress and egress during asbestos removal. CFL has stated that it benefited in terms of cost savings and timely project completion by utilizing one firm with diverse resources to coordinate abatement as well as fire system and HVAC construction activities.
 - EE&G has conducted Mold and/or IAQ evaluations in response to complaints or concerns in over 20 locations throughout City buildings over the past 3 years. Furthermore, EE&G provided a rapid post-water intrusion assessment response on the 8th Floor of City Hall in 2009.



EE&G Environmental Services, LLC

5751 Miami Lakes Drive
Miami Lakes, Florida 33014
Tel: (305) 374-8300
Fax: (305) 374-9004

General Services Administration

Contact: Gloria Moore
Address: 51 SW 1st Ave. 2nd Floor, Miami, FL-33130
Tel./Fax: (305) 536-5751 / (305) 536-3080
Email: gloria.moore@gsa.gov
Project: Environmental Services
Date: Since 1992-Present

EE&G has provided environmental services to Miami-Dade County General Services Administration since 1992. EE&G was retained by the General Services Administration (GSA) to conduct IAQ assessments for various government properties including federal courthouses and office buildings. EE&G's scope of services included the following:

- Interviews with building occupants to establish background history and symptoms.
- Conducted AHERA building material surveys.
- Collection of samples for asbestos and for fungal spores (mold).
- Collection of relative humidity, temperature, dew point, carbon dioxide, and carbon monoxide.
- Water intrusion assessments.
- Development of written assessment reports, and scope of works for abatement and remediation.
- Abatement and remediation project coordination, oversight, and monitoring.
- Post-removal inspections and clearance sampling.



Miami-Dade County Schools

Contact: Ralph Cruz-Munoz
Address: 12525 NW 28th Avenue, Room 509, Miami, Florida 33167
Tel./Fax: (305) 995-4595 / 305-995-4980
E-mail: rcruz-munoz@dadeschools.net
Dates: 1988- Present

Since 1988, EE&G has provided a wide range of industrial hygiene consulting services to the Miami Dade County Public Schools. This has included asbestos, indoor air quality and lead-based paint services as follows:

- Air monitoring for over 5000 asbestos abatement projects.
- Inspections and supervision of asbestos abatement for over 100 roof projects.





EE&G Environmental Services, LLC

5751 Miami Lakes Drive
Miami Lakes, Florida 33014
Tel: (305) 374-8300
Fax: (305) 374-9004

- 50 quality control inspections for asbestos abatement projects.
- Conducted initial investigations, and supervised the remediation of 10 indoor air quality projects including the main office of the environmental control department.
- Assisted in developing the lead-based paint control program including the process for inspections, and control of lead dust during renovation projects.



EE&G also conducted Phase I Environmental Site Assessments (ESAs) and National Environmental Policy Act (NEPA) Checklist Assessments on three proposed Miami-Dade County Public School (MDCPS) acquisition sites. These vacant properties were located in western, northern and southern Miami-Dade County, and were characterized by unauthorized dumping along the borders.

Monroe County Schools

Contact: Fred Sims/Len Rhodus/Dan Martin
Address: 241 Trumbo Road, Key West, Florida 33040
Tel./Fax: (305) 293-1418/305-293-1444
E-mail: lrhodus@keysschools.net
Dates: 1989 - Present

Since 1989, EE&G has provided a wide range of industrial hygiene consulting services to the Monroe County Public Schools. This has included asbestos, indoor air quality and lead-based paint services as follows:

- Air monitoring for over 40 asbestos abatement projects at various old school sites prior to their demolition since 2002.
- Conducted initial investigations, and supervised the remediation of 10 indoor air quality projects since 2001.
- Assisted in developing the lead-based paint control program including the process for inspections, and control of lead dust during renovation projects.



School Board of St. Lucie County – IAQ Services

Contact: Michael Lannon, Superintendent
Address: 2400 Ocean Blvd. #5114, Fort Pierce, FL 34949
Tel./Fax: (772) 429-3925 / (772) 429-3916
Email: lannonm@stlucie.k12.fl.us
Project: IAQ assessment, and remediation of water-damaged materials
Date: September 2004 –June 2005

EE&G was retained by The School Board of St. Lucie County to provide emergency response services after the impact of Hurricanes Frances and Jeanne. As a result of significant water intrusion, EE&G managed and conducted a massive cleanup operation which included a room-by-room, building-by-building assessment and remediation of water-damaged materials and Assumed Mold Growth (AMG) in 39 schools. The remediation aspect of the project involved selective demolition of building materials.

The purpose of the project was to improve the indoor air quality for St. Lucie County school children and staff. In order to provide optimum indoor air quality, EE&G selectively demolished water-impacted materials (i.e., drywall/sheet rock, carpet, floor tiles, ceiling, etc.) and evaluated HVAC systems and building envelopes to assess possible areas of water/moisture intrusion. Additionally the project involved selective exterior demolition on 60 portable classrooms and demolition of approximately 90 portables where the costs to remediate exceeded the replacement costs.



EE&G provided the following IAQ-related services:

- Comprehensive inspection and assessment of 39 schools and related offices to determine drywall/sheet rock and other building materials to be removed.
- Developed a written scope of work and procured the services of qualified contractors employing nearly 700 persons for drying and dehumidification, demolition of water damaged building materials, replacement of building materials and cleaning of all non-porous materials.
- Provided turn-key design/building services.
- Supervised asbestos abatement and conducted air monitoring.
- Coordinated project with School District's facility management.
- Provided project communication liaison with principals, County and EE&G.
- Presented IAQ information at press conference on behalf of School District.
- Monitor, coordinate and schedule ongoing remediation efforts.

AWARDS

2012 Florida Trust for Historic Preservation

Southeast Volusia Chamber of Commerce, New Smyrna Beach, Florida, Outstanding Achievement in the field of Restoration/Rehabilitation

2012 Historic Florida Keys Foundation:

Fort Zachary Taylor State Park, Key West, Award for Excellence in Restoration

Historic Key West Cemetery, Key West, Award for Community Service for Restoration

2010 Florida Trust for Historic Preservation

The Mansion at Tuckahoe, Stuart, Florida, Outstanding Achievement in the field of Restoration/Rehabilitation

2010 Historic Florida Keys Foundation:

717 Caroline Street, Key West, Award for Excellence in Rehabilitation

420 Elizabeth Street, Key West, Award for Excellence in Preservation and New Construction

2009 Historic Florida Keys Foundation:

Old City Hall, Key West, Award for Excellence in Rehabilitation

Sloppy Joe's Bar, Key West, Award for Excellence in Preservation

2008 Historic Florida Keys Foundation:

Armory Building, Key West, Award for Excellence in Rehabilitation

2007 Florida Trust for Historic Preservation:

Stuart Welcome Arch a/k/a Rio Arch, State Road 707 at Arch Street, Stuart, Florida, Outstanding Achievement in the field of Restoration/Rehabilitation

2007 Historic Florida Keys Foundation:

1403 Catherine Street, Key West, Award for Excellence in Rehabilitation

520 Southard Street, Key West, Award for Excellence in New Construction

1024-1030 Eaton Street, Key West, Award for Excellence in Rehabilitation

2007 Florida Monthly Magazine:

Key West Custom House, 12th annual Best of Florida Award for "Best Renovated Building" in the state.

2006 Florida Monthly Magazine:

Key West Custom House, 11th annual Best of Florida Award for "Best Renovated Building" in the state.

2006 Historic Florida Keys Foundation:

504 Elizabeth Street, Key West, Award for Excellence in Restoration

Calleja Building, 715 Caroline Street, Key West, Award for Excellence in Restoration

Songer Residence, 1310 Newton Street, Key West, Award for Excellence in Rehabilitation

2005 Florida Trust for Historic Preservation:

Bert L. Bender, Individual Distinguished Service Award for his outstanding contributions to Historic Preservation in Florida

2005 Florida Trust for Historic Preservation:

Southernmost Church of God in Christ, 729 Fleming Street, Key West, Outstanding Achievement in the field of Restoration/Rehabilitation

2005 Historic Florida Keys Foundation:

Southernmost Church of God in Christ, 729 Fleming Street, Key West, Award for Excellence in Rehabilitation

"A remarkable community preservation project that drew upon many resources to achieve exemplary results. Critical structural issues were addressed. An outstanding project. What a gift to Key West."

Phillips' Residence, 809 Fleming Street, Key West, Award for Excellence in Rehabilitation

Emma Courtyard, 713-715 Emma Street, Key West, Award for Excellence in New Construction

2004 Historic Florida Keys Foundation:

Corns Residence, 1430 Catherine Street, Key West, Award for Excellence in New Construction

Pearl's Rainbow, 525 United Street, Key West, Award for Excellence in Rehabilitation

2003 Florida Trust for Historic Preservation:

Historic Gato Cigar Factory Building, Key West, Florida, Outstanding Achievement for Restoration/Rehabilitation

Key West Custom House, Key West, Florida, Outstanding Achievement for Restoration/Rehabilitation

Jupiter Inlet Lighthouse, Jupiter, Florida, Outstanding Achievement for Restoration/Rehabilitation

Ley Memorial Church, Key West, Florida, Meritorious Achievement for Restoration/Rehabilitation

2003 Historic Florida Keys Foundation:

Affordable Housing Units @ 227 Virginia Street and 1031 Howe Street, Key West. Award for Excellence in New Construction

Barquin Residence, 916 Terry Lane, Key West, Award for Excellence in New Construction

Weinbaum Residence, 823 Georgia Street, Key West, Award for Excellence in New Construction

2002 Florida Trust for Historic Preservation:

Wilbur Boathouse, Wilbur-by-the-Sea, Florida, Honorable Mention for Restoration and Rehabilitation

2002 Historic Florida Keys Foundation, Inc. Awards:

The Gato Building, 1100 Simonton Street, Key West. Award for Excellence in Rehabilitation

The Delaney House, 625 Truman Avenue, Key West, Award for Excellence in Rehabilitation

2001 A.B.C. Florida Gulf Coast Chapter:

Jupiter Inlet Lighthouse, Jupiter, Florida
"Excellence in Construction" Award

2001 Historic Florida Keys Foundation, Inc. Awards:

Ley Memorial, 1304 Truman Ave., Key West. Award for Excellence in Rehabilitation.
East Martello Fort, Key West. Award for Excellence in Preservation.

2000 Historic Florida Keys Foundation, Inc. Awards:

Key West Custom House, 281 Front Street, Key West. Award for Excellence in Historic Restoration.
Salisbury Residence, 1405 Olivia, Key West. Award for Excellence in Rehabilitation.

2000 National Trust for Historic Preservation:

The Belton Chalet, Montana, Honor Award, Consulting Preservation Architect

1999 Historic Florida Keys Foundation, Inc. Awards:

Bender & Associates Architects Office at 410 Angela Street with 2 upstairs living units. Award for Excellence in New Construction.

1998 Historic Florida Keys Foundation, Inc. Awards:

Section Gang Quarters, Pigeon Key Historic District, Florida. Award for Preservation.

Florida Keys Magazine:

Pigeon Key, "Best of Florida Award" 1998.

(edged out the Biltmore Hotel in Miami, first runner up, and the Lightener Museum in St. Augustine, second runner up.)

1997 A.B.C. Florida Gulf Coast Chapter:

Cape Florida Lighthouse, Key Biscayne, Florida
One million dollars and under "Excellence in Construction" Award

1996 Historic Florida Keys Preservation Board Awards:

St. Mary Star of the Sea Catholic Church, Key West, Florida. Award for Preservation.

1995 Historic Florida Keys Preservation Board Awards:

The Gingerbread House (Kramer Residence), 615 Elizabeth Street, Key West, Florida.
Award for Rehabilitation, Award for Master Craftsmanship
Montessori Children's School, 1127 United Street, Key West, Florida. Award for Rehabilitation

1994 Historic Florida Keys Preservation Board Awards:

The Mansion at Simonton Court, 523 Eaton Street, Key West, Florida. Award for Rehabilitation.
The Conch House, 615 Truman Avenue, Key West, Florida. Award for Preservation,
Community Development Block Grant, Bahama Village, Certificates of Achievement.

1993 Historic Florida Keys Preservation Board Awards:

Davis Residence, 408 William Street, Key West, Florida. Awards for Preservation and Master Craftsmanship.

1988 Historic Florida Keys Preservation Board Awards:

Bender Residence, 613 William Street, Key West, Florida. Award for Historic Preservation of Exterior.

Knight Realty Office, 336 Duval Street, Key West, Florida. Award for New Construction.

1985 G.S.A. Project Award:

B.L.M. Offices, Needles, California

1977 G.S.A. Project Award:

G.S.A. Motorpool, Flagstaff, Arizona

1974 AIA Award for Design:

Greenwood Memorial Park, Mausoleum & Chapel, Phoenix, Arizona

MANAGEMENT APPROACH & QUALITY CONTROL

The City of Key West has issued this Request for Qualifications for an architectural, engineering and design services firm with a strong record in successfully designing and providing construction administration for renovation and adaptive reuse projects involving architecturally significant historic properties. The team assembled and led by **Bender & Associates Architects** is capable of providing all the services required and is able to meet and exceed all of the expectations for this project.

Adaptive reuse is a significant issue in the rehabilitation of any historic structure, but it is especially significant when the historic resource is a local landmark structure such as this. The Glynn Archer School imparts an image that is not only appropriate as a City Hall, but is significant to the local community. Bert Bender was involved in the effort to acquire Glynn Archer for use as a City Hall and understands the significance of this site to the community. Our management approach reflects this understanding.

The project requires a strong local team leader with a strong background in preservation of historic structures. Therefore, all work will be coordinated through the Key West office of Bender & Associates Architects. Our team includes an extensive list of expert consultants in all of the disciplines required for execution of this effort. Our local office is supplemented by the Miami office of MC Harry Associates. Our approach is to share design responsibilities equally. Following initial program verification, the primary team members will meet in the Key West office of Bender & Associates to conduct a week long design charette. In addition to the Architectural/Engineering team, we will look to you as our client for participation in this initial conceptualization phase. The City of Key West Project Manager and staff as selected by you will participate. The process will include:

Bender & Associates Architects
MC Harry Associates
Keith Oropeza, ASLA / E Sciences
City of Key West Personnel

These participants will establish an initial direction and conceptualize spacial and site relationships. During this week long process, you will become fully vested in the project, ensuring that the design meets your needs. Other team members will be involved on an as needed basis. Those will include:

Atlantic Engineering Services / for structural to ensure that the steel frame is fully integrated into the design.

Perez Engineering & Development / to ensure that our conceptual landscape plan fully incorporates stormwater and other Civil engineering requirements.

Traff Tech Engineering / will provide input as to traffic engineering concerns. Their follow up will likely be to review the concept plan.

Biltmore Construction / they will meet with us during this process to provide initial input as to cost, value engineering and constructability.

This approach will ensure that all future work is fully coordinated since most, if not all, of the City's goals, concerns, and objectives will have been considered.

Since our consultants are located in various locations, we plan to conduct telephone conferences on a weekly basis. This will allow us to update you on progress and schedule with a high degree of accuracy. We will conduct monthly team meetings in Key West that will include the major team members. These meetings will be held at the Key West office of **Bender & Associates Architects** or at a City conference room, depending on the number of City staff that will be participating.

This management approach is central to the success of our projects. At the beginning of the project we will formulate a schedule that projects all activities from program through construction. This schedule will be updated regularly. The schedule will be set up as a CPM spreadsheet, monitored and updated by **Biltmore Construction**. As an experienced, highly qualified construction manager, **Biltmore Construction** will ensure that our project stays on track. At our monthly team meetings, the City will have the opportunity to modify or adjust the schedule to suit your needs.

In general, the project will follow established standards for production of documents. Those standards and service will include the following.

Phase I: Programming and Preliminary Analysis

The preliminary analysis will include:

- Review and incorporation of the CH2M Hill report
- Existing Conditions Analyses to verify conditions
- Asbestos Assessment
- Recommendations for Stabilization
- Architectural Programming
- Alternates & Cost Analysis / Value Engineering
- Site Evaluation and Development
- Spatial Reuse Analysis
- Measured Drawings of Existing Conditions

- A. **Program:** The program for the Key West City Hall will be updated based on adaptive re-use potential and financial feasibility specific to Glynn Archer. The program will address ADA access.

- B. **Schematic Design:** This is the team design charette described above. Of particular significance to this task is our ability to provide:
- Historic Preservation Expertise, including all firm staff potentially assigned to the project that meet the Secretary of the Interior’s Professional Qualifications Standards.
 - Code Review and Compliance (including Local Government Historic District Guidelines)
 - ADA Review and Compliance
 - Parking Analysis / Traffic Analysis
 - Budgeting/Detailed Cost Estimates and preliminary value engineering
 - Project Scheduling utilizing a CPM
 - Value Analyses/Life Cycle Cost Analyses
 - Commissioning Support
 - Sustainable Construction Technical Expertise, including Experience or Familiarity with LEED, other Green Rating System, or Sustainable Construction in General
- It is important to note that **Bender & Associates** prepared the report: ***Sustainable Stewardship: The Environmental Benefits of Historic Preservation in Florida***”. (Copy can be provided on request) Our client for this commission was the State of Florida, Department of State, Division of Historic Resources. This experience makes us uniquely qualified for the City of Key West City Hall at Glynn Archer School.

Product delivery will include drawings produced by **Bender & Associates Architects, MC Harry Associates, and Keith Oropeza, ASLA**.

Phase II: Construction Documents/Specifications

- A. **Design Development:** Following approval of schematic design, development includes determination, design and coordination of architectural, structural, mechanical and electrical systems, equipment layouts and all related site development. This phase results in drawings and documentation, plus additional materials as necessary to illustrate "final" development and insure that all significant design questions and/or problems have been solved, but again, in a manner that respects the historic context.

These documents will be prepared by staff from the architectural offices of **Bender & Associates, MC Harry Associates, Landscape Architect, Keith Oropeza, ASLA** as well as other consultants.

- B. **Construction Documents:** Working drawings and specifications will be prepared and sufficiently detailed in order to insure the desired result with minimum possibilities of cost over runs. Submittals for review and comment will be made at 30% (the above design development submittal) 60%, 90%, and 100% final.

This phase transforms the preceding approved "Design Development Package" into a set of detailed, legal, bidding documents which relate to the construction industry. These

documents control and direct the construction process via construction drawings and detail materials/ building systems specifications. Since we coordinated with Department of Historic Resources at the design development phase, their final review should be simplified with minor comments or clarifications required.

Phase III: Bidding Phase

The Bender & Associates team believes that this project is an ideal candidate for utilizing the construction management approach for project delivery. We recommend that the City consider undertaking a solicitation for selection of a Construction Manager at Risk.

If the City chooses to use the traditional design/bid/build method of delivery, then our cost estimator/construction manager, **Biltmore Construction** will be heavily involved in the bidding and award recommendation process. (We anticipate that **Biltmore Construction** would submit a response to the RFQ for C/M at Risk, if the City chooses that method.)

Phase IV: Contract Administration

As previously stated, we believe that the City should utilize a construction manager for the delivery of this project. In either event, C/M at Risk or traditional delivery, we will conduct and/or participate in weekly job site meetings. Additionally, **Bender & Associates** personnel are available for daily visits when necessary to maintain progress or address problems expeditiously at the request of the City. Our consultants will conduct site visits as needed and scheduled.

All consultants will review and respond in a timely manner to phone calls, e-mails, RFI's, shop drawings and submittals. The schedule will be updated to reflect all issues. **Biltmore Construction** will monitor this process.

QUALITY, COST AND SCHEDULE CONTROLS

The budget process begins with the initial client meeting. We discuss goals with the owner for purposes of establishing priorities. Every decision will impact the final cost of construction. Three aspects of any project will have a major impact on those costs: quality, quantity and cost. Adjustments to the quality of the project will impact not only initial construction costs, but operational costs as well. We advise our owners as to their best interests. Oftentimes, that

decision may increase initial construction cost, but reduce long term maintenance. This decision making process is especially important for LEED certified projects, but it has been our policy over the last 35 years to encourage our clients to save energy and use local materials whenever possible. We can provide cost benefit analysis throughout the process. **Biltmore Construction** will monitor and manage this process.

At the onset of every project, we produce a long term schedule and maintain close monitoring internally. During construction, we maintain close contact with the contractor and conduct weekly project meetings where authorized by the owner. We require updating of the contractor's CPM schedule monthly. We will work directly with the contractor or construction manager, if used, to ensure an on time budget project.

The Bender & Associates team is committed to working within the time lines that will accommodate the project requirements. Cost and schedule controls apply to two distinct aspects of the project: 1)consultant services leading up to and including bidding, and 2)construction activities after award of a construction contract, or subcontracts under the C/M at Risk.

It is assumed that consultant services will be provided on a lump sum fixed fee basis. Under this arrangement, the client will know the cost of professional fees prior to executing a contract. Once a contract is executed, we will provide the services contracted for or required to achieve the desired end result. We may decide that more work is required than we originally anticipated, and would provide the required documents, research, or design analysis, but would not request additional compensation. If the client expands the scope of contracted services, then an appropriate adjustment to professional services is justified and would be negotiated.

Construction costs are monitored monthly, through the contractor's Certificate and Application for Payment, AIA Document G702 & G703. A draft is generally reviewed with the contractor prior to a formal submittal. Back up data, including receipts for stored material, lien releases, and other supporting data is obtained as appropriate. Progress payment requests are compared to weekly meeting minutes, field logs, and additional inspections as needed are conducted to verify that the percentages requested are valid.

All construction related correspondence is transmitted using standard documents and procedures. Our correspondence to the contractor is by issuing an Information Bulletin. By using one document format, information can easily be tracked. Contractors' questions are submitted to the architect on a "Request for Information" form. The RFI has a space for the contractor's question and another space for the architect's response. With a question and answer on the same page, mis-communication is minimized. A "Request for Change Order" may come from the owner, architect or contractor. Requests from the owner or architect are submitted to the contractor on a "Request for Proposal" form. A request from the contractor may come in one of several ways; as a response to an architect issued directive, including a Request for Proposal, as a request for additional costs due to unforeseen conditions, as a contractor request for a substitution which would generally be a deductive Change Order, or a

Request for Time Extension. After supporting data has been obtained, a recommendation is prepared and forwarded to the owner. If approved, a change order is prepared for execution.

Critical Path Method (CPM) construction schedules are prepared at the beginning of the project. Progress is discussed weekly and updated schedules are prepared monthly or as otherwise agreed upon by all parties.

Our specifications require testing for materials, submittals, and both pre and post bid qualifications of prospective contractors, as may be appropriate.

Internally, we monitor schedules and progress through weekly meetings. All projects are discussed and adjustments to schedules are made at that Monday morning review. Priorities for each Bender & Associates employee for the coming week is established and personnel are assigned to assist in meeting deadlines as appropriate. The status of our consultants' work product is monitored at this weekly meeting as well. Bert Bender, as principal of the firm, will contact consultants if they appear to be behind schedule.

After award of a construction contract, cost control requires monitoring construction activities. Typically we conduct weekly on site meetings and inspect the progress of work at that time. The contractor's applications for payment are submitted monthly and reviewed against progress of the work. We recommend a contingency fund for possible change orders. At the client's option, other requests for proposal can be issued for additional work based on need. We use our weekly on site project meeting as a management tool to monitor schedules and address corrective measures and responsibility for action. The following sample agenda is used for our weekly meeting. This would be superseded by whatever format you, as the client, decide is appropriate. However, we have found Item #10, Action Required, to be very helpful in assuring that all items are addressed.

Job Name, Date, Meeting #

Architect: **Bender & Associates Architects, P.A.**
Bert Bender

Contractor:

Owner:

Others:

The following items were discussed:

1. The minutes of the previous are reviewed and approved.
2. **Progress of the Work:**
 - a.
3. **Upcoming Work:**
 - a.
4. **Coordination Issues:**
 - a.
5. **Problems which Impede Progress of the Work:**
 - a.

6. **Corrective Measures to Regain Planned Schedule:**
 - a.
7. **Other Current Business**
 - a.
8. **R.F.I.'s, IB's, and Submittals**
 - a.
9. **Proposal Requests and Change Orders**
 - a.
10. **Action Required and Responsibility**
 - a.
11. **Field Observations**
 - a.

Because issues are addressed on a regular basis and corrective action to regain the planned schedule is a regular agenda item, our projects generally follow their established time line. Of course there are circumstances that will require adjusting schedules, with the 2005 hurricane season serving as an example of unavoidable project delays.

Every project is unique. We will review project requirements on a regular basis in order to maximize appropriate use of funds.

ANTI-KICKBACK AFFIDAVIT

STATE OF FLORIDA)
 : SS
COUNTY OF MONROE)

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

By: 
BERT BENDER

Sworn and subscribed before me this

10th day of December, 20 12.


NOTARY PUBLIC, State of Florida at Large



My Commission Expires: _____

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

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

1. This sworn statement is submitted with RFQ, RFQ or Contract No. 13-001 for
Architectural Services:Key West City Hall

2. This sworn statement is submitted by Bender & Associates Architects, P.A.
(Name of entity submitting sworn statement)
whose business address is 410 Angela Street, Key West, FL 33040
_____ and (if applicable) its Federal
Employer Identification Number (FEIN) is 65-0233075 (If the entity has no FEIN,
include the Social Security Number of the individual signing this sworn statement.)

3. My name is Bert Bender and my relationship to
(Please print name of individual signing)
the entity named above is Principal/President.

4. I understand that a "public entity crime" as defined in Paragraph 287.133(1)(g), Florida Statutes, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or with the United States, including but not limited to, any 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(1)(b), Florida Statutes, means a finding of guilt or a conviction of a public entity crime, with or without an adjudication of 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.

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

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. There has been a subsequent proceeding before a hearing officer of the State 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]
(Signature) December 10, 2012

(Date)

STATE OF Florida

COUNTY OF Monroe

PERSONALLY APPEARED BEFORE ME, the undersigned authority,

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

space provided above on this 10th day of December, 2012.

My commission expires:
NOTARY PUBLIC

[Signature]



