

RODRIGUEZ AND QUIROGA  
ARCHITECTS CHARTERED

# KEY WEST CITY HALL

ARCHITECTURAL SERVICES RFQ NO. 13-001  
DECEMBER 12, 2012



RODRIGUEZ AND QUIROGA  
ARCHITECTS CHARTERED

12 December 2012

City Clerk  
City of Key West, Florida  
3126 Flagler Avenue  
Key West, Florida

Re: City of Key West  
RFQ No.13-001: Architectural Services: Key West City Hall

RODRIGUEZ AND QUIROGA is pleased to submit its qualifications and completed forms for consideration in the selection of a team qualified to perform Architectural and Engineering Services for the Restoration, Rehabilitation and Adaptive Reuse of the Glynn Archer School at Key West City Hall.

### PROJECT APPROACH

#### HISTORIC SHELL + NEW CITY HALL

Our approach to the Project is to physically integrate a new *state of the art City Hall* within the shell of historic *Glynn R. Archer Elementary School*. RODRIGUEZ AND QUIROGA has current experience in both having designed the new *Homestead City Hall* and the rehabilitation and restoration of the shell of *Ponce de Leon Middle School*, historically designated by the City of Coral Gables.

#### ADAPTIVE REUSE + OFFICE BUILDING EXPERIENCE

RODRIGUEZ AND QUIROGA has additionally designed the adaptive reuse of a dozen historic structures including the San Carlos Institute and over 2,000,000 square feet of office space for governmental agencies including two federal buildings for the United States General Services Administration.

### PROJECT TEAM

#### LEAD ARCHITECT + ASSOCIATE ARCHITECT

RODRIGUEZ AND QUIROGA, the project lead architect, has maintained a long standing interest in the architecture of Key West since 1987, when the firm was selected for the restoration, rehabilitation and adaptive reuse from a school to a museum, of the historic San Carlos Institute. The firm's services to San Carlos have continued long after the San Carlos dedication in January of 1992. Our firm continues to this day to render Architectural Services to the San Carlos.

RODRIGUEZ AND QUIROGA has selected **William Vogan**, based in Key West, as Associate Architect. William Vogan, will be personally available to assist the City, as well as members of the design team on any local matter in a timely fashion, as required.

## URBAN DESIGN

### CITY HALL + RESIDENTIAL NEIGHBORHOOD

The adaptive reuse of the Glenn Archer School as the site of a new Key West City Hall increases the hours of operation from 7AM-5PM to 7AM-10PM+ on nights when City Commission meetings and other public hearings are scheduled.

Vehicular and pedestrian access to the site for deliveries and parking for staff and visitors require study. The goal is to be at once inviting to staff and visitors and to provide a buffer to mitigate the impact of the City Hall on the residential community surrounding the site. Our design team includes civil engineer **Allen Perez** and landscape architect **Elizabeth Newland**, both based in Key West, and traffic engineer **Karl Peterson**, prequalified by Monroe County to prepare traffic impact reports. Our firm, with their assistance, will accomplish the above stated goals for use of the site through creative site planning.

Although expansion to the new City Hall is not contemplated in the program, the location of Building D, a historic Gymnasium, and Building E will be taken into account for current use by the School Board and possible future use(s) by the City.

### CITY HALL + WHITE STREET REDEVELOPMENT

Glynn R. Archer School is located tangent to the **White Street Gallery District** which is itself bounded by White Street to the south, Eisenhower to the north, Truman to the west and Flagler to the east. The National Weather Service developed the site north of Glynn Archer as a Weather Forecast Office. The building extends along White Street from Seminary Street to United Street. The New City Hall with a state of the art Council Chamber could be a venue for activities related to the Gallery District.

## SUSTAINABILITY

Following the City of Key West Strategic Plan, *"the City's resolution to support the U.S. Conference of Mayors U.S. Mayors Climate Protection agreement (CPA) requires the City to strive to meet or exceed Kyoto Protocol targets for reducing global warming pollution by taking actions in our own operations and community."*

Following the City of Key West Strategic Plan, the City is also committed to *"promote sustainable building practices using the U.S. Green Building Council's LEED program or a similar system."* RODRIGUEZ AND QUIROGA has two LEED accredited professionals on its staff Christoph Goertz and Mirtha Albeirus, AIA who have worked on multiple LEED projects including the **Miami International Airport People Mover Station, LEED Silver** and the **Miami Science Museum, LEED Platinum**.

Sustainability standards would follow, within budgetary constraints, State of Florida requirements. From 1999-2011 it was my privilege to serve as **Chairman of the Florida Building Commission**, the entity which developed and updates every three years, **The Florida Building Code**. I can attest to the fact that the recycling of salvaged materials and the specification of materials with recycled content will result in cost savings.

## COMMUNITY LEGACY

City Hall is the most important of all civic buildings for a community. Key West has chosen wisely to build its city hall within the confines of a historically designated shell which will preserve and promote the community's legacy for the next 100+ years.

## PERSONAL COMMITMENT

I first laid eyes on Key West from the deck of the ferry S/S City of Havana aboard which I entered this country permanently as an 11 year old on September 10, 1959. My parents left behind a life of economic privilege in favor of a life in freedom for their three sons.

Ever since, I have retained the memory of Key West on that day and have refreshed it regularly, first as an architecture student, later with my wife as a young married couple and since opening my own firm in 1983, as a practicing architect.

One of our firm's first commissions was the restoration, rehabilitation and adaptive reuse, from a school to a museum, of the San Carlos Institute in Key West, the work of Francisco Centurión a Cuban architect who was the architect of the Cuban Pavilion at the 1919 Panama-Pacific Exhibition in San Francisco and who was a friend of my grandfather. I had first heard of the San Carlos from my grandfather who emigrated from Asturias, Spain to Cuba at the turn from the 19<sup>th</sup> to the 20<sup>th</sup> century and who, by the time of the Castro revolution, owned the Partagás cigarette factory in Havana and was well aware of the history of cigar-making in Key West.

Our firm's professional relationship with the San Carlos has been uninterrupted since its 1987-1995 rehabilitation / restoration / and adaptive reuse. In 2011, we specified the re-roofing materials and oversaw their installation. During 2011, I was invited to lecture at the San Carlos on the Architecture of Havana from 1902-1940. Today, on the second floor of the San Carlos, an exhibition is on display of my photographs of the Necrópolis Cristóbal Colón in Havana, shot over the span of the last 32 years.

In February 2011, the Historic Florida Keys Foundation asked me to serve on the awards jury for its Preservation Awards during which time I met fellow juror and District 5 Commissioner Teri Johnston and the Foundation's Executive Director, Diane Silvia. The experience further ratified my perception of the quality and quantity of multiple historic buildings in Key West.

Currently, it is my privilege to serve as Chairman of the Board of The Mel Fisher Maritime Heritage Society and Historical Museum. The Board has quarterly meetings in Key West and I am here more frequently to participate in museum activities. I am an islander by birth and feel I am a Conch by choice.

I believe that it will not be much longer before the historic bonds between Key West and Havana are restored, something which would benefit both cities. I would like to be a part of that restoration which would bring my life around to a full circle.

The design of civic architecture and the rehabilitation, restoration, and adaptive reuse of historic architecture have been my professional priorities and areas of specialization throughout my nearly 40 years in practice. **Homestead City Hall** is a current and most relevant example of civic architecture and **Ponce de Leon Middle School in Coral Gables** is a most recent and most relevant example of rehabilitation of a historic shell within which a new school was designed.

I pledge to the City of Key West my best personal and professional efforts in helping you achieve the goal of a City Hall which will accurately reflect the best of its history, its culture and its aspirations.

Sincerely,

  
Raul L. Rodriguez, AIA

RODRIGUEZ AND QUIROGA  
ARCHITECTS CHARTERED

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FIRM QUALIFICATIONS

1. Company Profile
2. Contact Information
3. Team Organization Chart
4. Team Members

Lead Architect Rodriguez and Quiroga

Associate Architect William Vogan Architects

Landscape Architect Elizabeth Newland

Civil Engineer Perez Engineering

Structural Engineering DDA Engineers

Mechanical/Electrical Engineering Fraga Engineers

Surveyor Island Surveying

Environmental Vertical-V Southeast

Acoustics/AV Acentech

Security/Access Control Ross & Baruzzini

Lighting Studio 321

Traffic Traf Tech Engineering

Cost Estimator Atkins

RODRIGUEZ AND QUIROGA  
ARCHITECTS CHARTERED

1. COMPANY PROFILE

RODRIGUEZ AND QUIROGA was founded in 1983 by Raul L. Rodriguez, AIA and Antonio M. Quiroga, AIA, two of Miami's most respected architects, to render architecture, urban design and interior design services. The firm was established to combine aesthetic standards with innovative and practical responses to programmatic and economic requirements. The practice seeks to focus on personal and highly professional service to public and private sector clients.

RODRIGUEZ AND QUIROGA manages its projects with a Managing Principal and strong Project Managers. The firm currently employs a staff of 23 experienced professionals. During the last five years the firm's staff has oscillated between 19 and 25 members.

RODRIGUEZ AND QUIROGA's core staff, comprised of its managing principal and project managers, has practiced together for years. Several of the professional relationships predate the founding of the firm. Amongst the Project Managers, Ivan Bibas joined the practice in 1984; Jim Palma attended the University of Miami School of Architecture with Raul from 1966, graduating in 1972 and they have practiced together since. Mirtha Albeirus joined Raul in practice upon her graduation in 1980.

The experience of working as a team for so many years within a profession known for its high and lows, subject to hire and fire practices, constitutes a unique aspect of the firm. It further denotes the degree of stability which the firm has enjoyed due to the loyalty it has earned from its clients who reward the firm with repeated engagements.

Restoration and historic preservation projects constitute a major interest of the firm. Chief among these are Miami Daily News/Freedom Tower, The Ingraham Building and The Security Building in Miami, the Florida State University College of Law Village Green in Tallahassee; the Restoration, Rehabilitation and Feasibility Study for the Charles Deering Estate at Cutler; the restoration of the historic Wieland Clinic in Coral Gables and the restoration of the University of Miami Koubek Center.

Civic projects also constitute a major interest of the firm. Chief among these are: Miami Science Museum; Museum Park Miami; Cuban Museum; Old Dillard Museum in Fort Lauderdale FL; James L. King Federal Justice Building; Charles E. Bennett Federal Building in Jacksonville FL; Adrienne Arsht Center for the Performing Arts; Florida Grand Opera Anderson Center; New World School of the Arts; City of Homestead City Hall; Florida State University College of Law in Tallahassee, FL; Florida Atlantic University General Classroom Building and Health Services Center in Boca Raton, FL; Florida International University Presidential House; Barry University National Center for Transportation Education and Research; St Thomas University School of Law; Miami International Airport Terminal.

Raul L. Rodriguez, AIA served as Chairman of The Florida Building Commission for twelve years. In 1999, Governor Jeb Bush appointed Raul to oversee the development and adoption of a state wide building code. Under Raul's leadership the Florida Building Code was adopted in January of 2001 and updated in 2004, 2007 and 2010.

Raul currently serves as Chairman of the Mel Fisher Maritime Museum and has served as Chairman of The Board of Trustees of The Historical Association of Southern Florida, Chairman of The Miami-Dade County Art in Public Places Trust, President of The American Institute of Architects Miami Chapter, Founding President of The University of Miami School of Architecture Alumni Board and member of The City of Miami Historic and Environmental Preservation Board.

2. CONTACT INFORMATION

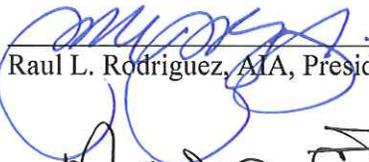
Raul L. Rodriguez, AIA, President  
Rodriguez and Quiroga Architects Chartered  
2100 Ponce de Leon Boulevard, Mezzanine  
Phone: 305.448.7417 ext 11  
Fax: 305.448.2712  
[rlrodriguez@rodriguezquiroga.com](mailto:rlrodriguez@rodriguezquiroga.com)

STATE OF FLORIDA  
COUNTY OF MIAMI-DADE

Before me this day personally appeared Raul L. Rodriguez, AIA, who, being duly sworn, deposes and says that;

He is the President and sole owner of Rodriguez and Quiroga Architects Chartered (the firm), as listed by Florida Department of State Division of Corporations, and as such, has the authority to bind the firm to this RFQ.

Affirmed and subscribed before me this 30<sup>th</sup> day of November, 2012 by Raul L. Rodriguez, AIA who is personally known to me or has produced identification.

  
\_\_\_\_\_  
Raul L. Rodriguez, AIA, President

  
\_\_\_\_\_  
Marilyn C. Fonts  
Notary Public, State of Florida



Marilyn C. Fonts  
COMMISSION #EE028111  
EXPIRES: NOV. 19, 2014  
[www.AARONNOTARY.com](http://www.AARONNOTARY.com)

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Commission expiration date: November 19, 2014

**RODRIGUEZ AND QUIROGA**  
ARCHITECTS CHARTERED

3. TEAM ORGANIZATION CHART

<b>Owner</b>
City of Key West
<b>Lead Architect</b>
<p><b>RODRIGUEZ AND QUIROGA</b></p> <p>Raul L. Rodriguez, AIA Principal-in-Charge</p> <p>Ivan Bibas Project Manager</p> <p>Chris Goertz, LEED AP Project Architect/Planner</p> <p>Mirtha L. Albeirus, AIA LEED AP Interior Designer</p>
<b>Associate Architect</b>
<p><b>WILLIAM VOGAN ARCHITECTS</b></p> <p>William G. Vogan, RA Principal</p>

<b>Sub-Consultants</b>			
Civil Engineer Perez Engineering	Structural Engineer DDA Engineers	Mechanical / Electrical Fraga Engineers	Landscape Architect Elizabeth Newland
Surveyor Island Surveying	Cost Estimator Atkins	Security / Access Control Ross and Baruzzini	Environmental Vertical-V Southeast
Traf Tech Engineering	Lighting Design Studio 321	Acoustic / AV Acentech	

## QUALIFICATIONS

RODRIGUEZ AND QUIROGA  
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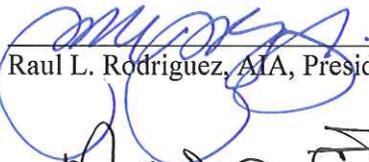
Raul L. Rodriguez, AIA, President  
Rodriguez and Quiroga Architects Chartered  
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Phone: 305.448.7417 ext 11  
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[rlrodriguez@rodriguezquiroga.com](mailto:rlrodriguez@rodriguezquiroga.com)

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\_\_\_\_\_  
Raul L. Rodriguez, AIA, President

  
\_\_\_\_\_  
Marilyn C. Fonts  
Notary Public, State of Florida



Marilyn C. Fonts  
COMMISSION #EE028111  
EXPIRES: NOV. 19, 2014  
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**RODRIGUEZ AND QUIROGA**  
ARCHITECTS CHARTERED

3. TEAM ORGANIZATION CHART

<b>Owner</b>
City of Key West
<b>Lead Architect</b>
<p><b>RODRIGUEZ AND QUIROGA</b></p> <p>Raul L. Rodriguez, AIA Principal-in-Charge</p> <p>Ivan Bibas Project Manager</p> <p>Chris Goertz, LEED AP Project Architect/Planner</p> <p>Mirtha L. Albeirus, AIA LEED AP Interior Designer</p>
<b>Associate Architect</b>
<p><b>WILLIAM VOGAN ARCHITECTS</b></p> <p>William G. Vogan, RA Principal</p>

Sub-Consultants			
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Traf Tech Engineering	Lighting Design Studio 321	Acoustic / AV Acentech	

RODRIGUEZ AND QUIROGA  
ARCHITECTS CHARTERED

4. TEAM MEMBERS

LEAD ARCHITECT	RODRIGUEZ AND QUIROGA
ASSOCIATE ARCHITECT	WILLIAM VOGAN ARCHITECTS
LANDSCAPE ARCHITECT	ELIZABETH NEWLAND
CIVIL ENGINEER	PEREZ ENGINEERING
STRUCTURAL ENGINEER	DDA ENGINEERS
MECHANICAL /ELECTRICAL	FRAGA ENGINEERS
SURVEYOR	ISLAND SURVEYING
ENVIRONMENTAL	VERTICAL-V SOUTHEAST
ACOUSTICS/AV	ACENTECH
SECURITY/ACCESS CONTROL	ROSS & BARUZZINI
LIGHTING	STUDIO 321
TRAFFIC	TRAF TECH ENGINEERING
COST ESTIMATOR	ATKINS

RODRIGUEZ AND QUIROGA  
ARCHITECTS CHARTERED

# RODRIGUEZ AND QUIROGA

ARCHITECTS CHARTERED

## PROJECT PRINCIPAL



Raul L. Rodriguez, AIA, has nearly 40 years of architectural experience in Restoration / Rehabilitation / Adaptive Reuse of Historic Structures. Raul served as Project Principal for Homestead City Hall and Freedom Tower.

### Registrations

1973 Architecture, State of Florida AR0006237  
1973 National Council of Architectural Registration Boards

### Education

1972 Bachelor of Architecture, University of Miami

### **Rehabilitation / Restoration / Adaptive Reuse of Historic Structures**

Charles Deering Estate  
Florida State University College of Law  
Freedom Tower  
Ingraham Building  
Koubek Center  
Old Dillard Museum  
Ponce de Leon Middle School  
San Carlos Institute  
Security Building  
Weiland Clinic

### **Federal Government**

US GSA James L. King Federal Justice Building  
US GSA Charles E. Bennett Federal Building

### **State Government**

Broward College Health Sciences Center  
Florida Atlantic University General Classroom Building  
Florida Atlantic University Health Services Center  
Florida International University Reagan Presidential House  
Miami Dade College Homestead Campus  
Miami Dade College InterAmerican Campus  
Miami Dade College North Campus, Aquatic Center  
Miami Dade College Wolfson Campus Master Plan

### **County Government**

Miami-Dade County Adrienne Arsht Center for the Performing Arts  
Miami-Dade County Public Schools Central Senior High School  
Miami-Dade County Water and Sewer Department Headquarters  
Miami International Airport South / Central / North Terminals  
Miami Science Museum

### **Municipal Government**

City of Homestead City Hall  
City of Homestead Police Station  
City of Miami South District Police Station  
City of Miami Museum Park Miami  
City of Miami Brickell Promenade  
Village of Pinecrest

# RODRIGUEZ AND QUIROGA

ARCHITECTS CHARTERED

## PROJECT MANAGER



Ivan Bibas has 27 years of architectural experience in the management of Restoration / Rehabilitation / Adaptive Reuse of Historic Structures. Ivan served as Project Manager for Homestead City Hall and Freedom Tower.

### Registration

1980 Architecture, Venezuela

### Education

1980 Bachelor of Architecture, Universidad Simón Bolívar

### **Rehabilitation / Restoration / Adaptive Reuse of Historic Structures**

Charles Deering Estate  
Florida State University College of Law  
The Freedom Tower  
Ingraham Building  
Koubek Center  
Old Dillard Museum  
Ponce de Leon Middle School  
San Carlos Institute  
Security Building  
Weiland Clinic

### **Federal Government**

US GSA James L. King Federal Justice Building  
US GSA Charles E. Bennett Federal Building

### **State Government**

Broward College Health Sciences Center  
Florida Atlantic University General Classroom Building  
Florida Atlantic University Health Services Center  
Florida International University Reagan Presidential House  
Miami Dade College Homestead Campus  
Miami Dade College InterAmerican Campus  
Miami Dade College North Campus, Aquatic Center  
Miami Dade College Wolfson Campus Master Plan

### **County Government**

Miami-Dade County Adrienne Arsht Center for the Performing Arts  
Miami-Dade County Public Schools Central Senior High School  
Miami-Dade County Water and Sewer Department Headquarters  
Miami International Airport North / Central /South Terminals  
Miami Science Museum

### **Municipal Government**

City of Homestead City Hall  
City of Miami South District Police Station  
City of Miami Museum Park Miami  
City of Miami Brickell Promenade  
Village of Pinecrest

# RODRIGUEZ AND QUIROGA

ARCHITECTS CHARTERED

## PROJECT ARCHITECT



Chris Goertz, LEED AP has 17 years of architectural experience in Restoration / Rehabilitation / Adaptive Reuse of Historic Structures. Chris served as Project Architect for Homestead City Hall and Freedom Tower.

### Education

1995 Bachelor of Architecture, University of Miami

### **Rehabilitation / Restoration / Adaptive Reuse of Historic Structures**

Freedom Tower  
Ingraham Building  
Koubek Center  
Old Dillard Museum  
Ponce de Leon Middle School  
Security Building  
Weiland Clinic

### **County Government**

Miami-Dade County Adrienne Arsht Center for the Performing Arts  
Miami-Dade County Public Schools Central Senior High School  
Miami-Dade County Water and Sewer Department Headquarters  
Miami International Airport South / Central / North Terminals  
Miami Science Museum

### **Municipal Government**

City of Homestead City Hall  
City of Homestead Police Station  
City of Miami South District Police Station  
City of Miami Museum Park Miami  
City of Miami Brickell Promenade  
Village of Pinecrest Gardens

RODRIGUEZ AND QUIROGA  
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INTERIOR DESIGNER



Mirtha L. Albeirus, AIA, LEED AP has 24 years extensive experience in Restoration / Rehabilitation / Adaptive Reuse of Historic Structures. Mirtha served as Interior Designer for Homestead City Hall and Freedom Tower.

Registration

1986 Architecture, State of Florida AR0011561

Education

1980 Masters of Architecture, Universidad de Puerto Rico

**Rehabilitation / Restoration / Adaptive Reuse of Historic Structures**

Freedom Tower  
Ingraham Building  
Old Dillard Museum  
Ponce de Leon Middle School  
Security Building  
Weiland Clinic

**Federal Government**

US GSA One Riverview Square

**State Government**

Miami Dade College North Campus, Aquatic Center  
Miami Dade College North Campus Computer Labs

**County Government**

Miami-Dade County Adrienne Arsht Center for the Performing Arts  
Miami-Dade County Public Schools Central Senior High School  
Miami-Dade County Water and Sewer Department Headquarters  
Miami International Airport North / Central / South Terminals  
Miami Science Museum

**Municipal Government**

City of Homestead City Hall

RODRIGUEZ AND QUIROGA  
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**Workload of Staff Assigned to the Project**

**Available Staff Hours assigned to the Project Per Phase**

		<u>Schematic</u>	<u>Design</u>	<u>Constr.</u>	<u>Permitting</u>	<u>Construction</u>
		<u>Design</u>	<u>Dvlopmt</u>	<u>Docs.</u>	<u>Pricing</u>	<u>Administration</u>
		<u>Mar-</u>	<u>May-</u>	<u>July-</u>	<u>Jan-Feb/14</u>	<u>Mar/14-Feb/15</u>
		<u>Apr/13</u>	<u>June/13</u>	<u>Dec/13</u>	<u>Jan-Feb/14</u>	<u>Mar/14-Feb/15</u>
		<u>(2 months)</u>	<u>(2 months)</u>	<u>(6 months)</u>	<u>(2 months)</u>	<u>(12 months)</u>
<b>Principal</b>	<b>Raul L Rodriguez, AIA</b>	86.67	86.67	260.00	86.67	520.00
<b>Project Manager</b>	<b>Ivan Bibas</b>	173.33	173.33	520.00	173.33	1,040.00
<b>Project Architect</b>	<b>Christopher Goertz, LEED AP</b>	346.67	346.67	1,040.00	346.67	2,080.00
<b>Interior Designer</b>	<b>Mirtha Albeirus, AIA, LEED AP</b>	173.33	173.33	520.00		
<b>Senior Drafter</b>	<b>Carl Diaz</b>	346.67	346.67	1,040.00		1,040.00
<b>Drafter</b>	<b>Kyle Vreeland</b>	346.67	346.67	1,040.00		
<b>Document Controller</b>	<b>Amy Garcia</b>					1,040.00
<b>Total Available Staff Hours Assigned to Project</b>		<b>1,473.33</b>	<b>1,473.33</b>	<b>4,420.00</b>	<b>606.67</b>	<b>5,720.00</b>
<b>Grand total - Available</b>		<b><u>13,693.33</u></b>				

WILLIAM VOGAN ARCHITECTS



## ASSOCIATE ARCHITECT



William G. Vogan, RA, principal of William Vogan Architects, has nearly 40 years of architectural experience. Mr. Vogan has been the City of Port Huron Historic District Commissioner from 1998 – present.

Mr. Vogan has received an “Excellence in Design Award” for the Father Hogan Community Center in Lexington, Michigan and the Special Education Facility at Maple Valley Elementary School in Sandusky, Michigan.

Based in Key West and Port Huron, Michigan, the firm specializes in institutional, educational, senior housing and commercial projects.

### Registrations

2005	Architecture, State of Florida
1975	Architecture, State of Michigan
2006	National Council of Architectural Registration Boards

### Education

1975	Bachelor of Architecture, Lawrence Technological Institute Southfield, Michigan
------	--

### County Government

#### Sandusky Community Schools

- Sandusky High School
- Maple Valley Elementary School

#### Port Huron Area School District

- Cleveland Elementary School
- Port Huron Northern High School

- Port Huron High School

- Grant Education Center

- Crull Elementary

- Cleveland Elementary

- Central Middle School

- Holland Woods Middle School

- Michigamme Elementary

- Fort Gratiot Middle School

- Central Intermediate Middle School

- Woodrow Wilson Elementary School

- Roosevelt Elementary School

- Harrison Education Center

#### St. Claire County Administrative / RESA

- Day Treatment / Night Watch Building

#### St. Claire County Community College

#### Memphis Community Schools

- High School Classroom Addition

- Elementary School Addition and Improvements

#### Father Hogan Community Center

- St Edward Catholic School

#### Lamphere District Schools

### Municipal Government

- Huron Avenue Historic Restoration

ELIZABETH NEWLAND LANDSCAPE

## **Elizabeth Newland**

**P.O. Box 140908 Coral Gables, Florida 33114**

**Email: liznewland@bellsouth.net**

**Telephone: 305-481-6301**

### **Academic Background**

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

### **Professional Registration**

Registered Landscape Architect, State of Florida, License LA 0001288

Registered Landscape Architect Business, State of Florida, License LC26000434

Certified General Contractor, State of Florida, Reg. No. CGC 058929

LEED AP, March 2009

### **Elizabeth Newland Landscape Architecture, LLC**

#### **Owner/Manager-2010 to Present**

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

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

### **The Singh Company & Singh Resorts, Key West, Florida**

#### **Landscape Architect and Vice President-1988-1991, 1995-1998, 2004-2011**

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

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

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

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

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

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

### **Professional Membership**

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

### **Honors and Awards**

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

PEREZ ENGINEERING

# 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

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:

- *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*
  - *General Engineering Services*
- *Monroe County Housing Authority*
  - *General Engineering Services*
- *Key West Housing Authority*
  - *General Engineering Services*
- *Monroe County School Board*
  - *General Engineering Services*

**Ryan T. McLean, E.I.**  
Project Engineer



<b>Education</b>	Bachelor of Science in Civil Engineering University of Central Florida, 2007
<b>Years of Experience</b>	5
<b>Years at Perez Engineering</b>	5
<b>Registration/Licenses</b>	Engineer Intern: Florida #1100012956

**Summary**

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:

- *Irving Eyster Museum and Conference Center at the Islander Resort, Islamorada, FL*
- *Church of Jesus Christ of Latter-Day Saints Meetinghouse, Key West, FL*
- *City of Key West Glynn Archer Dr. (14<sup>th</sup> Street) Rehabilitation, Key West, FL.*
- *Horace O' Bryant Middle School , Key West, FL*
- *Florida Keys Community College Student Housing Facility, Key West, FL*
- *Blue Water Affordable Housing Community, Tavernier, FL*
- *Walgreens, Marathon, FL*
- *City of Key West United Street Rehabilitation, Key West, FL*
- *Florida Key Aqueduct Authority Marathon Distribution Upgrade, Marathon, FL*
- *City of Key West Gravity Injection Wells, Phase V, Key West, FL*
- *Poinciana Royale Housing Complex. Key West, Florida*

DDA ENGINEERS



**Pedro J. DuQuesne, P.E**  
**Partner**  
**Engineer of Record**

Mr. DuQuesne has been part of DDA Engineers, P.A. since 1973. Mr. DuQuesne's experience includes the design of numerous award-winning private, commercial and government projects including steel, concrete and composite structures. Mr. DuQuesne has been the principal structural engineer for many significant buildings in the South Florida area.

Mr. DuQuesne's philosophy is to render structural engineering services in a comprehensive, creative, professional and understanding manner working with clients to achieve and exceed their expectations.

***Education***

- ◆ Bachelor of Science, Civil Engineering, Louisiana State University – 1971

***Registration***

- ◆ Registered Professional Engineer, State of Florida,
- ◆ Special Inspector of Threshold Buildings

***Professional Affiliations***

- ◆ American Society of Civil Engineer
- ◆ Florida Structural Engineers Association

***Relevant Projects***

- ◆ City of Doral – City Hall Office Building & Parking Garage
- ◆ City of Homestead – City Hall
- ◆ City of Miami Fire Station #13
- ◆ Southern Command
- ◆ Miami International Airport – North Terminal Development, C-D Infill
- ◆ Miami International Airport – Concourse 'A' Phase 2
- ◆ Port of Miami Terminal D & E
- ◆ Miami Beach City Hall Loading Dock
- ◆ IBM Office Building, Boca Raton, FLA
- ◆ Office Depot Corporate Headquarters, Boca Raton, FLA



**Jonathan Drujak, P.E., LEED® Green Associate**  
**Associate**  
**Project Engineer**

Mr. Drujak has been a practicing structural engineer for the last five years. Mr. Drujak is experienced in the design of steel, concrete and composite structures. His advanced degree, which was obtained concurrently while working full-time, has provided him a well-versed understanding of the latest, most economical structural design solutions.

***Education***

- ◆ Bachelor of Science, Civil Engineering, University of Miami, 2005
- ◆ Bachelor of Science, Architectural Engineering, University of Miami, 2005
- ◆ Master of Science, Civil Engineering, University of Miami, 2008

***Registrations/Credentials***

- ◆ Registered Professional Engineer, State of Florida
- ◆ LEED® Green Associate, USGBC

***Professional Affiliations***

- ◆ Florida Structural Engineers Association
- ◆ Tau Beta Pi, National Engineering Honor Society
- ◆ Chi Epsilon, National Civil Engineering Honor Society

***Relevant Projects***

- ◆ K-8 State Schools CC-1, DD-1, D, E-1, P-1, TT-1 and AA2
- ◆ Naples High School Gymnasium
- ◆ Miami Central Senior High School
- ◆ Miami Dade College – West Campus Remodeling & Renovation
- ◆ Miami Dade College – Wolfson Campus Student Support Facility
- ◆ University of Miami – Life Science Park, R&D 1
- ◆ University of Miami – Life Science Park, R&D 1 Expansion (Tissue Bank)
- ◆ Florida Memorial University – Living & Learning Residence Hall
- ◆ Miami International Airport – North Terminal Development, B-C Infill
- ◆ Miami International Airport – American Eagle Commuter Terminal
- ◆ Miami International Airport – MIA Mover Automated People Mover System
- ◆ Sylvester Cancer Center Addition
- ◆ Anderson Opera House
- ◆ One Miami
- ◆ Lexus of Kendall Auto Park
- ◆ Park Square @ Doral Office Building F1

FRAGA ENGINEERS

**IRENE F. FRAGA, P.E.  
MECHANICAL ENGINEER**

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**Academic Background**

Bachelor of Engineering, University of Miami, 1975

**Professional Registration**

Registered Engineer, State of Florida - Reg. No. 19922  
LEED Accredited Professional BD+C, 2008

**City and State of Residence**

Miami, Florida

**Name of Firm**

Fraga Engineers, LLC

**Experience**

Ms. Fraga has vast knowledge and experience in multi-faceted projects that include major corporate, governmental and institutional clients. Her experience includes multi-use/commercial, banks, air and cruise terminal structures, parking structures, institutional and residential projects. She has additional experience involving specific requirements of all county, state and local governing bodies. She is constantly involved in the construction documentation phases of all projects.

Ms. Fraga is the principal and project manager and performs the mechanical engineering design for most projects. She has extensive experience in new and renovation of office space as well as historical renovations.

**Relevant Experience:**

- 355 Alhambra Building, Coral Gables, Florida
- Tenant Build-Outs (several) in 355 Alhambra, Coral Gables, Florida
- Baptist Professional Building and Parking Garage, Miami, Florida
- Goldman-Sachs, Miami, Florida
- Miami Heat Offices, at American Airlines Arena, Miami, Florida
- Miami Central Senior High, Miami, Florida
- Ponce de Leon Middle School, Coral Gables, Florida
- Miami-Dade County Fire Rescue Headquarters, Doral, Florida

# FRAGA ENGINEERS

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**CRISTINA SANTA-CRUZ, P.E.**  
**ELECTRICAL ENGINEER**

**Academic Background:**

Bachelor of Engineering, University of Miami, 1999

**City and State of Residence:**

Miami, Florida

**Professional Registration:**

Registered Engineer, State of Florida - Reg. No. PE 59489 (2003)  
LEED AP BD+C

**Name of Firm:**

Fraga Engineers, LLC

**Experience and Qualifications:**

Ms. Santa-Cruz has been involved in the electrical design of various major projects for Fraga Engineers. She has experience in both the public and private sector. She has worked on several renovation projects, including historical renovations and remodelings.

**Relevant Experience:**

- Ponce de Leon Middle School, Coral Gables, FL  
Renovation and remodeling of two historical buildings: an administration building and gymnasium.
- Miami Central Senior High, Miami, FL  
Renovation of several existing buildings on campus, including phased replacement and temporary relocation of facilities
- US Century Bank Headquarters, Doral, FL  
Build-out of seven-story office building
- 355 Alhambra Building Shell and Tenant Build-Outs, Coral Gables, Florida  
MEP/FP design for 15-story office building and parking garage as well several tenant build-outs
- Goldman-Sachs, Miami, Florida  
Remodeling of 13,000 sq. ft. office in Downtown Miami. Includes LAN Room, uninterruptible power supply, teleconferencing room, power and data distribution and data risers.

# ISLAND SURVEYING

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

REGISTRATION:

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

Professional Engineer, State of Florida, No. 36810 (March 1986)

EDUCATION:

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

Union College, Cranford New Jersey, Civil Engineering Courses

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

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

PROFESSIONAL EXPERIENCE:

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

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

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

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

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

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

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

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

MILITARY:

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

HISTORY:

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

OTHER LICENSES

Private Pilot

Certified open water diver

MAJOR PROJECTS:

U.S. Navy, all Key West Bases

City of Key West, Misc. Surveys including Truman Annex

Monroe County, Misc. Surveys

Monroe County School Board, most of the county schools

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

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

Monroe County Airports

Surveyed over 10,000 properties in the Florida Keys

VERTICAL-V SOUTHEAST

**Alfredo Budik, P.E., Geotechnical and Materials Engineer  
Vertical V-Southeast, Inc. dba KACO, Vice President**

**Years of Experience - 22**

**Education**

BSCE/1985/Civil Engineering Universidad Metropolitana, Caracas, Venezuela

MSCE/1987/Civil Engineering Northeastern University, Boston, MA

**Affiliations / Certifications**

Professional Registered Engineer in Florida, No.: 43884

American Society of Civil Engineers

Deep Foundation Institute

Florida Engineering Society

**Practice Areas**

*Construction Materials Testing and Inspections*

*Geotechnical Services*

*Failure Analysis*

*Repair Recommendations*

*Environmental Services*

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Mr. Budik is a Florida licensed professional engineer with more than 22 years of experience in geotechnical, foundation and construction materials testing. Mr. Budik has been with the operations since 1991 and has successfully provided these services for municipal, civil, roadways, runways and structures ranging from simple residential housing to over 40-story high-rises.

- Project Engineer for Geotechnical Engineering and Testing Services Contract for the City of Sunrise since 2005 – Projects include Public Safety Complex, roadway construction, recreation and utility.
- Project Engineer for Quality Control materials testing and geotechnical engineering including installation of 24-inch diameter augercast piles and 24-inch prestressed piles for the \$259 Million people mover project at Miami International Airport, Miami, FL.
- Project Engineer for QA Materials Testing Services Contract for Ft. Lauderdale/Hollywood International Airport – New and Existing Runway or Taxiway construction.
- Project Manager for the Geotechnical Engineering and Testing Services Contract with the South Florida Water Management District – Projects include pump stations, levee, embankments and wells.
- Project Manager for the construction of monitoring wells including QC/QA management of drilling operations, supply management, permitting and environmental control and compliance: City of Ft. Lauderdale, Snapper Creek Well Field; Marlins Stadium; and Bahia Honda State Park.
- Project Engineer for construction material testing and inspection services for Trump Palace and Trump Royale, an oceanfront hotel and condominium.
- Project Engineer for construction of a luxury hotel and condominium Caribbean project including vibration monitoring and seismograph services, pile inspections, construction monitoring and post-construction inspections.
- Project Engineer for Materials Testing services for materials testing field and laboratory services for the \$13 Million school food service project.

- Project Engineer for construction materials testing and inspection services for the Met 1 and Met 2 mixed use project which includes a parking garage, commercial and hotel structures in Miami-Dade County.
- Geotechnical Engineer for the Town of Medley at various locations in coordination with Town's Consultant and Public Works Department. Projects include:
  - Percolation Tests at NW 90 Street
  - Monitoring Wells at NW 87<sup>th</sup> Ave.
  - Percolation Tests at NW 109<sup>th</sup> St.
  - Subsurface Investigation for NW 106<sup>th</sup> St. Repairs
  - West Medley Bridge and Road Imp.
- Geotechnical and Materials Engineer for MDX Verification Testing program including:
  - MDX Project #30021 – S.R. 836 Pavement Rehabilitation – Verification Testing
  - MDX Project #40027 – Guardrail Safety Improve. SR112 – Verification Testing MDX Project #40033 - Median Guardrail Improvements – Verification Testing
  - MDX Project #50018 – Emergency Bridge Repairs – Verification Testing
  - MDX Project #924045 – S.R. 924 East Bound Ramp – Verification Testing
  - MDX Project #83623 – S.R. 836 East Bound – Verification Testing
  - MDX Project #87412 – S.R. 874 ORT Infrastructure Mods – Verification Testing
- Geotechnical Engineer for Miami-Dade County Public Works (MDCPW) for Soils, Foundations, and Geotechnical Testing (E09-PW-02) for roadways, drainage, bridge, civil, and water and sewer (WASD).
- Vibration and seismograph services for pre-construction analysis of the Port of Miami Tunnel
- Project Engineer for MDCPW, for construction of a five lane roadway including center turn lane, sidewalks, curb and gutter, continuous stormwater drainage system, roadway lighting, pavement markings, and signing / traffic signalization. WASD's installation of 24" and 16" water mains, and 24" force main, along SW 184th St. from SW 147th Ave. to SW 137th Ave.
- Project Engineer responsible for the design and installation of caissons to support the high mast lighting at Opa Locka Airport.
- Geotechnical preliminary feasibility study for a concessionaire for the proposed Port of Miami Tunnel.
- Geotechnical engineering including oversight of the first augercast pile installation at Miami International Airport in addition to load testing prestressed, precast concrete piles.
- Geotechnical investigation of the proposed North Corridor Metro Rail Project. The scope of work included performing rock core borings to 100 feet to determine suitability of soils for design specifications.
- Artec City Condominium and Underground Parking Structure: Mr. Budik served as the geotechnical engineer for the 8-building condominium development including historical rehabilitated buildings and underground parking garage. FL
- Miami City Ballet: Mr. Budik served as the geotechnical engineer and Materials Testing engineering for the three-story, 63,000 square foot building.
- Capri on the Beach Condominium and Underground Parking Garage: Geotechnical Engineering and Materials Testing for Capri on the Beach which includes two high-rises and an underground parking garage. The 6 and 14 story structures were built over a 40,000 sq. ft. underground parking garage. The finish floor elevation of the garage was 6 ft. below water table which required the design and construction of a mat and anchors capable of resisting the hydrostatic pressures.

ACENTECH

**CARL J. ROSENBERG**

Principal

**EDUCATION**

B.A., Princeton University, 1965

M. Arch., Massachusetts Institute of Technology, 1971

**PROFESSIONAL POSITIONS**

Acentech Incorporated, 1989-present

Bolt Beranek and Newman, 1970-1989

**EXPERIENCE AND RESPONSIBILITIES**

Mr. Rosenberg's consulting projects encompass a wide variety of building types including schools, churches, auditoriums, residences, and office buildings, with a special interest in good hearing conditions for performance spaces and noise control in the workplace. Mr. Rosenberg's recent work has also included a focus on sound-proofing of residential, institutional, and commercial buildings impacted by environmental noise and speech privacy issues for offices. This work covers criteria development, feasibility studies, and recommendations and detailing of actual constructions.

In addition to consulting, Mr. Rosenberg has taught architectural acoustics at the schools of architecture of the Massachusetts Institute of Technology, Princeton University, Washington University in St. Louis, and Cornell University.

**HONORS AND PROFESSIONAL SOCIETIES**

Fellow, Acoustical Society of America (FASA)

Technical Committee on Architectural Acoustics, ASA

Co-Chairman, Robert Bradford Newman Student Award Fund

**RECENT REPRESENTATIVE PAPERS, PUBLICATIONS and CONFERENCES**

Co-Organizer and Moderator, Concert hall Research Group Summer Institute, Santa Fe, NM, July 2010.

"Acoustics Design in Office Work Spaces and Open-plan Offices," Handbook of Noise and Vibration Control, John Wiley, 2007.

"Can an Outdoor Pavilion Provide a Satisfactory Musical Experience?" at Concert Hall Research Group Summer Institute, Saratoga Springs, NY, August 2003.

"Practical Problems of Sound Isolation through Interior Glazing Systems," with D. Najolia, presented at the 143<sup>rd</sup> Meeting of the Acoustical Society of America, Pittsburgh, PA, June 2002.

"Acoustical Design" in Architectural Graphic Standard (Ninth Edition), AIA/John Wiley & Sons, 1994, and Cumulative Supplement, 1998, and in Residential Construction: Architectural Graphic Standard, AIA, Wiley, 2003.

“Soaking Up Sound: Properties of Materials that Absorb Sound” in Sound and Video Contractor, Vol. 13, No. 1, January 20, 1995.

"Blocking the Bombardment of Noise" in ARCHITECTURE, March, 1989.

## **REPRESENTATIVE CONSULTING PROJECTS**

### **Sloan School of Management**

Massachusetts Institute of Technology  
Cambridge, MA  
Moore Ruble Yudell Architects  
Bruner|Cott Architects

### **Physical Sciences Building**

Cornell University  
Ithaca, NY  
Koetter Kim and Associates, Architects

### **Asian Culture Complex**

Gwangju, Korea  
Kyu Sung Woo Architects

### **Uchida Hall**

Berklee College of Music  
Boston, MA  
Miller Dyer Spears

### **Carl and Ruth Shapiro Student Center**

Brandeis University  
Waltham, MA  
Charles Rose Architects

### **Daniel Arts Center**

Simons Rock College at Bard  
Great Barrington, MA  
Ann Beha Architects

### **Ornithology Building**

Cornell University  
Ithaca, NY  
Hillier Architecture

### **Main Stage and Fackenthal Building**

Franklin & Marshall College  
Lancaster, PA  
Kliment and Halsband, Architects

### **Performing Arts Center**

Greenwich Academy  
Greenwich, CT  
Newman Architects

### **Stokes Library**

Howard University  
Washington, D.C.  
Hillier Architecture

### **Ruth Hall Theater and Neal Marshall Education Center**

Indiana University  
Bloomington, IN  
MGA, Architects

### **Performing Arts Building**

Kinkaid School  
Houston, TX  
Morris Architects

### **Simmons Hall Dormitory**

Massachusetts Institute of Technology  
Cambridge, MA  
Steven Holl Architects

### **Rogers Auditorium**

Merrimack College  
North Andover, MA  
Sasaki Associates

### **Norton Museum of Art (SW Wing)**

West Palm Beach, FL  
Centerbrook Architects

### **Park East Synagogue**

Cleveland, OH  
Centerbrook Architects

### **Berlind Theater**

Princeton University  
Princeton, NJ  
Hardy Holtzman Pfeiffer, Architects

**School of Music**  
West Chester University  
West Chester, PA  
MGA, Architects

**Life Sciences Building**  
Cornell University  
Ithaca, NY  
Richard Meier & Partners, Architect

**Crystal Bridges Museum of American Art**  
Bentonville, AR  
Moshe Safdie and Associates, Architects

**Northwest Labs Building**  
Harvard University  
Cambridge, MA  
SOM Architects

**Sisters Chapel Renovation**  
Spelman College  
Atlanta, GA  
Surber Barber Choate & Hertlein

**Homestead City Hall**  
Homestead, FL  
Rodriguez & Quiroga Architects

**New Student Theater**  
Harvard University  
Cambridge, MA  
Leers, Weinzapfel, Architects

**Performing Arts Theater**  
American University in Cairo  
Cairo, Egypt  
Sasaki Associates, Architects

**Parcel 18 Residence Hall**  
Northeastern University  
Boston, MA  
Kyu Sung Woo Architects

**Drum Studio Renovation at 1140 Boylston**  
Berklee College of Music  
Boston, MA  
Miller Dyer Spears, Architect

**Greenberg Conference Center**  
Yale University  
New Haven, CT  
Robert A.M. Stern Architect

**Currier Art Museum**  
Manchester, NH  
Ann Beha Architect

**West Side Presbyterian Church**  
Ridgefield, NJ  
Newman Architects

ROSS & BARUZZINI

## Gary E. Warnock Security Engineer

### Education:

B.S., Engineering Technology,  
Texas A&M University, College  
Station, 1983

### Affiliations:

Member of the American Society  
for Industrial Security (ASIS)

### Licenses:

Security Consultant,  
Texas Department of Public  
Safety

### Security Clearances:

Department Specific Clearance,  
United States Department of  
Alcohol Tobacco and Firearms  
(ATF)

Department Specific Clearance,  
Federal Bureau of Investigations  
(FBI)

### Summary of Experience:

Gary has 22 years of experience dedicated to the Security Consulting Industry. His roles have involved engineering, design and project management of integrated security systems including access control, alarm monitoring, intrusion detection, closed circuit television (CCTV) and intercom/communications products and systems. His experience has come from numerous system designs, engineering, field inspections, existing and new system evaluations, cost analysis and budget estimates, security assessments, security control room operation evaluations and designs, bid implementations and construction administration services for a wide range of projects, including single facility and campus environments systems. In addition, he has extensive experience with project management and coordination critical to proper security system operation including power, heat load, electrified door hardware, automatic doors and gates, fire alarm and elevator control systems. Project experience includes:

#### **FBI Regional Office, Security System Planning, Houston, Texas**

Project Engineer for the security system planning and design at the FBI's new Regional Office. The security design for this facility included access control, closed-circuit television (CCTV), digital video recording, audio communication systems, site video surveillance, and site pedestrian and vehicle access controlled entry locations.

#### **State of Texas Office Building, Robert E. Johnson Building**

Austin, Texas

Project Engineer for the planning, design, and construction administration services for a new 10-story state government office building and 8-story parking garage. The facility included systems consisting of ACS, CCTV and audio communication systems, designed in accordance with the GSA guidelines. The facility also included local monitoring and control capabilities via in-house Security Control Centers and Lobby Security Desks, but was connected with the State's LAN.

#### **State of Texas Office Building, John H. Reagan Building, Austin, Texas**

Project Engineer for the planning, design, and construction administration services for a new 8-story state government office building connecting to the adjacent State Capital Building. The facility included systems consisting of ACS, CCTV and audio communication systems, designed in accordance with the GSA guidelines. The facility also included local monitoring and control capabilities via in-house Security Control Centers and Lobby Security Desks, but was connected with the State's LAN.

#### **Ft. Lauderdale International Airport, Communications Center/CCTV**

Ft. Lauderdale, Florida

Security Consultant for the design and implementation of CCTV surveillance additions at the Ft. Lauderdale Airport facilities. Systems include CCTV camera surveillance and digital video recording, controlled and monitored from a central command center. Scope of work includes security and infrastructure drawings, construction document specifications, coordination with the integrator, and verification and testing of installed systems.

### **JPMorgan Chase, Security Threat and Vulnerability Assessment**

New York, New York

Security Consultant for the development of a security threat and vulnerability assessment for JPMorgan's corporate and regional headquarters facilities. Included assessments of 40 facilities located in the US, Europe and Asia, identifying post 9/11 security threats of the facilities, and recommendations for security counter measures. Security counter measures included bomb blast analysis and mitigation, protection against site and building vehicle intrusion, and barrier and electronic protection against pedestrian intrusion. The security measures also included recommendations for a global enterprise electronic access control system.

### **Brookfield Properties, Grace Building, Lobby Security Renovations**

New York, New York

Security Consultant for the design and implementation of security system upgrades for the Grace Building Lobby Redesign. The project includes design and implementation of new access control and digital video recording systems, upgrade of the existing CCTV system, and new command and control. Services include schematic level documentation, opinion of probable construction costs, detailed construction documents, and management of contractor implementation.

### **Express Scripts, Phase 2 Security Consulting, St. Louis, Missouri**

Security Consultant for the design and implementation of electronic security systems at the new Headquarters phase 2 facility. Systems include expansion of IP based camera surveillance, access control and voice communication controlled and monitored from an existing command center. Scope of work includes security design and infrastructure drawings, construction document specifications, opinion of probable construction costs and bid evaluations and recommendations.

### **425 Fifth Avenue Condominiums, Security Assessment**

New York, New York

Security Consultant providing evaluations of existing security systems and technologies of the 425 Fifth Avenue Property Condominiums. Project included an assessment of the property, the evaluation of existing systems and technologies and providing recommendations for security and technology upgrades and enhancements.

### **Express Scripts, Merlin Facility Security Consulting, St. Louis, Missouri**

Security Consultant for the design and implementation of electronic security systems at the new Merlin facility. Systems include IP based camera surveillance, access control and voice communication controlled and monitored from a local command center. The systems consist of base system expansions located at the owner's main facility, connected to the owner's LAN/WAN. Scope of work includes security design and infrastructure drawings, construction document specifications, opinion of probable construction costs and bid evaluations and recommendations.

## STUDIO 321

## bios

### keith kosiba

Keith Kosiba is a principal and the creative director for Studio Three Twenty One. He began his design career at Francis Krahe & Associates in Newport Beach, California in 1990. He was the Managing Director of their San Francisco Operations and the Vice President of the firm for over 10 years. Over the course of his career, he has designed and managed a diverse variety of work from private residences and hotels to airports and urban master plans, both within the United States as well as Asia, Europe, the Middle East, the Pacific Rim, South East Asia, and South America.

Keith earned a Bachelor of Architectural Engineering with an emphasis in lighting design and day-lighting from The Pennsylvania State University in State College, Pennsylvania. His thesis integrating computer aided modeling and lighting analysis earned a faculty award of merit. He is a member of the IALD, International Association of Lighting Designers, the IESNA, Illuminating Engineering Society of North America, and an Associate Member of the AIA, American Institute of Architects.

Relevant projects include the new Homestead City Hall in Homestead Florida, the renovation of The Freedom Tower in downtown Miami, and the Charles E. Bennett Federal Building renovation, in Jacksonville, Florida.

He is an award winning and published designer recognized by the IALD, the IESNA, Interior Design Magazine, DDI – Display & Design Ideas, Retail Design & Construction Magazine, and VM&SD – Visual Merchandising & Store Design.

## bios

### meaghan shinnefield

Meaghan Shinnefield is a principal and the managing director for Studio Three Twenty One. Meaghan's role is to effectively ensure that every aspect of a Client's project is delivered on schedule and on budget.

Meaghan Shinnefield received her Bachelor of Architecture from the University of Notre Dame. She is currently a registered Architect in the State of California and is working toward her LEED accreditation. Her career includes extensive experience in hotels, corporate interiors, and restaurant design. Before joining Studio Three Twenty One, Meaghan served as the Senior Project Manager at TMDA, Tim Murphy Design Associates, where her project experience included Xino Restaurant in Santa Monica, concept work for Disney, and the Maurice Corporate Apartments, in Burlingame. Prior, Meaghan was a Senior Associate at Huntsman Architectural Group, where she worked with several large clients including BART and Thomas Weisel Partners. Meaghan began her architectural career in San Francisco at Hellmuth Obata & Kassabaum, where her project experience included the Boondang Guest House and the Mapo Hanwa Mixed Use Development both in Seoul, South Korea.

Since joining Studio Three Twenty One, she has been involved in all aspects of the firm's project design and management. Ms. Shinnefield's current projects include the University Center at Sonoma State, the Royal Avenue project at The Pearl in Doha, Charter Center Beijing China, and the Shinsegae Incheon Project in Seoul, South Korea.

TRAF TECH

## 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.

ATKINS

# Juan M. Alfonso, Associate AIA

*Associate Vice President/Senior Group Manager*

Atkins

## Education

M.S., Construction  
Management, Florida  
International University  
B.A., Architecture, University of  
Miami  
A.A., Architecture, Miami-Dade  
Community College

## Certifications

Certified Uniform Building Code  
Inspector (UBCI)  
American Institute of Architects  
(AIA), US30218671

## Professional Affiliations

American Institute of Architects  
(AIA), Associate  
Association for the  
Advancement of Cost  
Engineers (AACE)  
Greater Miami Chamber of  
Commerce (GMCC)

## Software

RS Means Cost Works  
4Clicks  
Primavera  
SureTrak  
Claim Digger  
Sure Change  
Microsoft Project  
AutoCAD  
Acrobat Distiller

Juan Alfonso is a results-oriented project controls professional with 17 years of experience in scheduling, estimating, claims, and design development involving project controls and software systems. He has extensive experience developing cost estimates from the conceptual to bidding stages, bidding strategies, comparative analysis, and value engineering, as well as supporting other related functions such as review of construction managers' cost estimates and guaranteed maximum price (GMP), review of contract documents, and negotiations support for various municipal, governmental, public and private, and federal clients. He has been supporting these types of projects for many years and has developed a focused approach to provide accurate and reliable cost estimates for various types of projects that has enabled him to maintain a high level of accuracy in his cost estimates for clients.

Mr. Alfonso has successfully managed scheduling and estimating assignments for Atkins' continuing contract with Miami-Dade County Public Schools (M-DCPS) for construction projects totaling more than \$2 billion over the last 7 years. He maintains client satisfaction through his leadership abilities and commitment to quality work.

Mr. Alfonso's relevant project experience includes:

**New City Hall and Police Headquarters Complex, Miami Gardens, FL.** This approximately 5-acre project involved construction of a new multi-story City Hall and Police Headquarters complex with a mechanical building and attached parking garage. The overall construction area is 316,013 gsf including the City Hall, Police headquarters, mechanical building, and parking garage. As project controls manager, Mr. Alfonso provided cost estimating, scheduling, and claims support services. As part of our services, Atkins prepared an independent estimate to help the City in its GMP negotiations with the CMAR contractor and performed baseline schedule and monthly update reviews during construction of the site work package that has a goal of LEED Platinum certification. Atkins also assisted the City with the review of a change order and time impact analysis associated with changes to the underground rain water harvesting system.

**Homestead City Hall, City of Homestead, FL.** As cost estimating manager, Mr. Alfonso provided cost estimating services and constructability reviews for the City of Homestead's new City Hall facility. The new facility is envisioned to be a three-story, 79,580-square-foot structure for the City's administrative and operations offices, and organized around an emergency operations center that was designed to withstand Category 5 hurricanes.

**M-DCPS Miami Senior High Cost Estimating and Scheduling Services, Miami, FL.** As project manager, Mr. Alfonso provided cost estimating and scheduling services for additions, renovations, and historic preservation for Miami Senior High School, which was established in 1903. He was also responsible for the development of phasing and other related front-end documents.

**National Park Service (NPS), Statue of Liberty National Monument Rehabilitation of Ellis Island's New Immigration Building, New York, NY.** As cost estimating and scheduling manager, Mr. Alfonso was responsible for reviewing the contractor's schedules and cost proposals during construction. Atkins provided on-site construction management services for the rehabilitation of the New Immigration Building on Ellis Island. The 1934-1935 New Immigration Building was rehabilitated for new staff offices. The rehabilitation of the existing structure included, but was not limited to, new roofing, roofing accessories, sheet metal flashing, roof drains, masonry repair and restoration, windows, entry doors, finish hardware, and the reconnection of existing utilities. New interior work included accessibility improvements; building code upgrades; mechanical, electrical, HVAC, plumbing, fire sprinkling, and alarms; insulation; and architectural finishes. The demolition and rehabilitation was completed in and around historic and culturally sensitive buildings.

**Statue of Liberty National Monument Upgrades, NPS, New York, NY.** Atkins was selected by NPS to manage the construction of life safety improvements at one of America's most treasured symbols of freedom, the historic Statue of Liberty National Monument. The goal of this \$27.3 million program of "life safety" improvements was to make the monument safer and more accessible to its 3.5 million annual visitors. Improvements included replacement of two elevators, accessibility improvements, and upgrades to the electrical, air handling, fire protection, and security systems. While the renovation was relatively minor in terms of scope, the project posed several challenges. The NPS mandated that the historic fabric of the monument, which includes the copper skin, the structure itself, and the stone pedestal, had to be protected and cannot be intruded upon in any way. No fastenings, not even ropes, could be made onto these elements of the monument. Additionally, all plans had to be approved by NPS first. As project controls manager, Mr. Alfonso assists NPS with review of baseline schedules, monthly schedule updates, and time extensions. He also provides client with project status based on cost and resource analysis emphasizing compliance with contract documentation, logic, and cost.

**M-DCPS Cost Estimating Services, Miami, FL.** Project manager responsible for leading a team of project controls staff in cost estimating, market studies, schedule reviews, constructability reviews, site/facility assessments, change order reviews, claims/time analysis reviews, and GMP reviews for various significant projects at M-DCPS.

**Various Projects for City of Miami Capital Program Support Services (CPSS), Miami, FL.** Responsible for managing scheduling, cost estimating, and constructability reviews for projects including but not limited to:

- College of Policing – Provided cost estimating, scheduling, and change order review services as well as bid analysis and contract negotiations assistance.
- Florida Marlins – Four new parking garage structures and surface parking lots (designed with Leadership in Energy and Environmental Design [LEED] sustainable features).

## Juan M. Alfonso, Assoc. AIA

Associate Vice President/Senior Group Manager  
Atkins

- New College of Policing and Law Enforcement Studies (designed with LEED sustainable features).
- Museum Park – On-site park improvements.
- Miami Downtown Metromover – Straddlebent replacement.
- Citywide Stormwater Improvements.
- Wagner Creek-Seybold Canal – Dredging project.
- Citywide Limited Inspections of Americans with Disabilities Act (ADA) Violations.
- Black Police Precinct Courthouse and Museum.
- Bayfront Marina Canopy Installation.
- Robert King High Park.

**Various Projects for Miami-Dade Seaport Department, FL.** Project controls manager responsible for leading the project controls team in schedule reviews, schedule of value reviews, cost estimating, and claims/time analysis reviews for significant projects at the Port of Miami.

**Miami-Dade County Fire Rescue Training Facility, Miami-Dade County, FL.** Provided cost estimating services, schedule of values review, and baseline schedule review.

**Various Projects for City of Fort Lauderdale, FL.** Responsible for providing scheduling, cost estimating, and constructability reviews for numerous projects.

**Miami Culinary Institute at Miami Dade College, Miami, FL.** Responsible for managing cost estimating and project controls efforts at various stages of design, letting, and during construction change controls for this \$17.5 million culinary arts building.

**Florida International University (FIU) Parking Garage No. 5 – Interior Build-Out (Heath Care Network), Miami, FL.** Lead estimator responsible for developing detailed cost estimate and review of construction manager's GMP proposal for the 100-percent design documents.

**Florida's Turnpike Enterprise (FTE) Pompano Operations Center, Broward County, FL.** Atkins prepared the design criteria package including A-E and interior design services for the new two-story, 38,000-sf office building that houses administrative offices and the traffic maintenance center. In addition to the preparation of 30-percent design documents, construction administration peer review services were provided through building occupancy. Mr. Alfonso provided cost estimating, change order review, site inspection, and scheduling/schedule reviews for this project.

**Boca Raton Tolls Data Center Expansion, Florida Department of Transportation (FDOT), Office of Toll Operations, Tallahassee, FL.** Responsible for providing cost estimating and schedule reviews. This project involved the preparation of a design criteria package, schematics, and performance specifications for a two-story, 12,000-sf expansion to an office building.

## EXPERIENCE

RODRIGUEZ AND QUIROGA  
ARCHITECTS CHARTERED

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RELEVANT EXPERIENCE

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Weiland Clinic / Books and Books	Coral Gables
Koubek Center	Miami
Charles Deering Estate	Miami
Florida State University College of Law	Tallahassee

Multi-Use Office / Government / Public Buildings

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2. Management Approach / Quality Control

## THE US SECRETARY OF THE INTERIOR'S STANDARDS FOR HISTORIC PROPERTIES

The four treatment approaches are Preservation, Rehabilitation, Restoration and Reconstruction:

### **PRESERVATION**

Places a high premium on the retention of all historic fabric through conservation, maintenance and repair. It reflects a building's continuum over time, through successive occupancies, and the respectful changes and alterations that are made.

### **REHABILITATION**

Emphasizes the retention and repair of historic materials for replacement because it is assumed the property is more deteriorated prior to work. (Both Preservation and Rehabilitation standards focus attention on the preservation of those materials, features, finishes, spaces, and spatial relationships that, together, give a property its historic character.)

### **RESTORATION**

Focuses on the retention of materials from the most significant time in a property's history, while permitting the removal of materials from other periods.

### **RECONSTRUCTION**

Establishes limited opportunities to re-create a non-surviving site, landscape, building, structure, or object in all new materials.

Adaptive Reuse is not mutually exclusive with the above treatment approaches.

### **ADAPTIVE REUSE**

Conventionally defined as the process of adapting old structures for new purposes.

RODRIGUEZ AND QUIROGA  
ARCHITECTS CHARTERED

PROJECT EXPERIENCE

REHABILITATION / RESTORATION / ADAPTIVE REUSE

SAN CARLOS INSTITUTE

FREEDOM TOWER

SECURITY BUILDING

INGRAHAM BUILDING

PONCE DE LEON MIDDLE SCHOOL

WEILAND CLINIC / BOOKS AND BOOKS

KOUBEK CENTER

CHARLES DEERING ESTATE

FLORIDA STATE UNIVERSITY COLLEGE OF LAW

RODRIGUEZ AND QUIROGA  
ARCHITECTS CHARTERED



SAN CARLOS INSTITUTE

Key West, Florida

Owner: Instituto Patriotico y Docente San Carlos

Size: 25,000 sq ft

Cost: \$1,700,000

Date: 1987 - Present

Services: Complete architectural and engineering services.

**REHABILITATION**

**RESTORATION**

**ADAPTIVE REUSE**



The project consists of the **rehabilitation, restoration and adaptive reuse** of the 1924 school and 450-seat theatre originally designed by Francisco Centurion and listed in the National Register of Historic Places. Located in Duval Street, Key West, this adaptive reuse project which converted a school to a museum required the restoration of the exterior shell and rehabilitation of the interior while upgrading to meet current building codes and performance standards.

RODRIGUEZ AND QUIROGA  
ARCHITECTS CHARTERED



THE FREEDOM TOWER

Miami, Florida

Owner: Miami-Dade College

Size: 83,000 sq ft

Cost: \$6,725,000

Date: 1999 - Present

Services: Complete architectural and engineering services.

**REHABILITATION**

**RESTORATION**

**ADAPTIVE REUSE**



The project consists of the **rehabilitation, restoration and adaptive reuse** of a 1925 office building originally designed for The Miami Daily News. Renamed the Freedom Tower in 1962 it housed the U.S. Cuban Refugee Assistance Center and in 1979 was listed in the U.S. National Register of Historic Places. Acquired in 2005 by Miami Dade College, it was designated a National Landmark in 2008. Its adaptive reuse is as an immigration museum, exhibit galleries and teaching spaces. The 40 ft. wide mural (see above) depicting the encounter between a gallant Tequesta and Ponce de León, was restored at a cost of \$66,000. Architectural and engineering services include the rehabilitation of the building structure and exterior shell, new mechanical, electrical, plumbing, and life safety systems. The project was completed in 2011.

RODRIGUEZ AND QUIROGA  
ARCHITECTS CHARTERED



SECURITY BUILDING

Miami, Florida

Owner: Mr. Ettai Einhorn

Size: 96,650 sq ft

Cost: \$13,056,000

Date: 2008

Services: Complete architectural and engineering services.

**REHABILITATION**

**RESTORATION**

**ADAPTIVE REUSE**



The project consists of the **rehabilitation, restoration and adaptive reuse** of the 1926 building listed in the National Register of Historic Places and historically designated by the City of Miami. This adaptive reuse project which converts a 17-story office building to residential lofts required the rehabilitation of the exterior shell including the copper mansard roof while upgrading to meet current building code and performance standards including ADA compliance. In response to the building's adaptive reuse, security, surveillance and building automation systems were designed. Scope also included the design of new mechanical, electrical, plumbing, and life safety systems.

RODRIGUEZ AND QUIROGA  
ARCHITECTS CHARTERED



INGRAHAM BUILDING

Miami, Florida

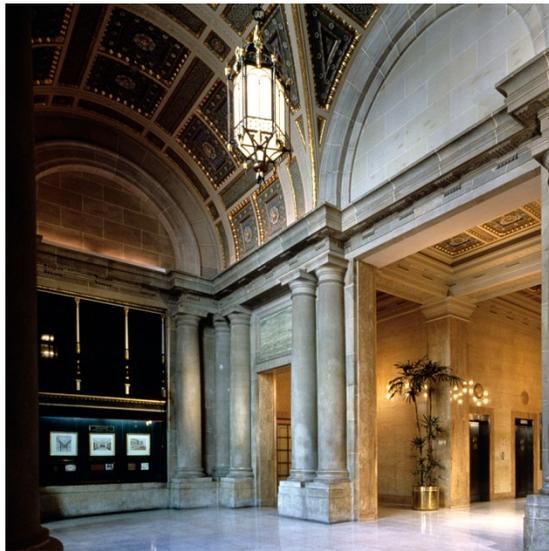
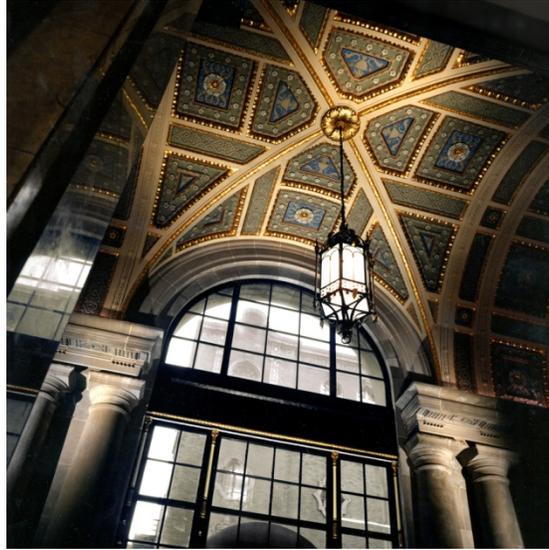
Owner: Kapustin Corporation

Size: 160,000 sq ft

Cost: \$2,000,000

Services: Complete architectural and engineering services.

**REHABILITATION**  
**RESTORATION**



The project consists of the **rehabilitation and restoration** of a 13-story office building built in 1926. The project is listed in the National Register of Historic Places and historically designated by the City of Miami. Architectural and engineering services provided include the rehabilitation of the exterior shell and interior public spaces including the main lobby, typical floor elevator lobbies and restrooms.

RODRIGUEZ AND QUIROGA  
ARCHITECTS CHARTERED



PONCE DE LEON MIDDLE SCHOOL

Coral Gables, Florida

Owner: Miami-Dade County Public Schools

Size: 60,000 sq ft

Cost: \$7,980,000

Date: 2008

Services: Complete architectural and engineering services.

**REHABILITATION**

**RESTORATION**



The project consists of the **rehabilitation and restoration** of two 1925 City of Coral Gables historically designated school buildings. **Early structural analysis concluded that the exterior walls could be salvaged only through the installation of new interior load bearing structural walls.** **The historic exterior shell was maintained in position via the use of a temporary external structural steel buttressing system (see above).** **The end result is a new administration/classroom building designed within the exterior walls of the historic shell.**

RODRIGUEZ AND QUIROGA  
ARCHITECTS CHARTERED



WEILAND CLINIC / BOOKS & BOOKS

Coral Gables, Florida

Owner: Mr. Mitchell Kaplan

Size: 5,000 sq ft

Cost: \$1,800,000

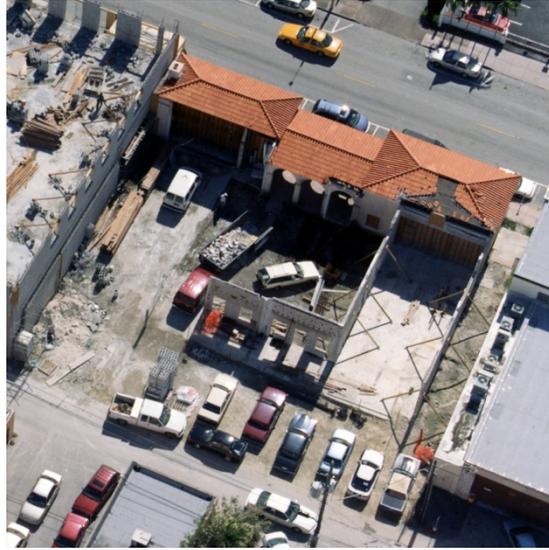
Date: 2000 - Present

Services: Complete architectural and engineering services.

**REHABILITATION**

**RESTORATION**

**ADAPTIVE REUSE**



The project consists of the **rehabilitation, restoration and adaptive reuse** of a 1927 orthopedic clinic for use as an independent bookstore including reading areas, art gallery, newsstand and indoor/outdoor café. The historic exterior shell was maintained in position via the use of a temporary wood buttressing system (see above). The end result is a new independent bookstore designed within the exterior walls of the historic shell.

RODRIGUEZ AND QUIROGA  
ARCHITECTS CHARTERED



KOUBEK CENTER

Miami, Florida

Owner: University of Miami

Size: 5,000 sq ft

Cost: \$300,000

Services: Complete architectural and engineering services.

**REHABILITATION**

**RESTORATION**

**ADAPTIVE REUSE**



The project consists of the **rehabilitation, restoration and adaptive reuse** of a 1929 single family house to serve as a continuing education campus and the remodeling of a 180-seat auditorium. The scope of work included the rehabilitation of the exterior shell including the clay barrel tile clay roof and the **rehabilitation of a 180-seat auditorium.**

RODRIGUEZ AND QUIROGA  
ARCHITECTS CHARTERED



CHARLES DEERING ESTATE

Miami, Florida

Owner: State of Florida

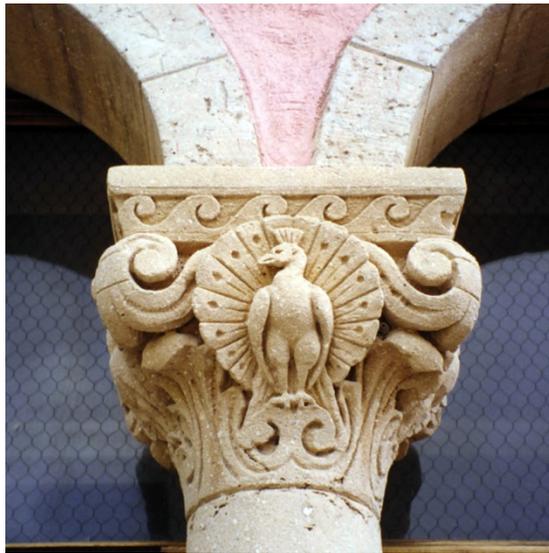
Size: 25 acres

Services: Historical and architectural documentation of existing estate buildings, review of the Miami-Dade Parks Department plan for adaptive reuse of the estate and a feasibility study including market potential and pro forma development.

**REHABILITATION**

**RESTORATION**

**ADAPTIVE REUSE**



The project consists of the **rehabilitation, restoration and adaptive reuse** plan for the 25-acre bay front estate listed in the National Register of Historic Places and historically designated by Miami-Dade County. The estate property includes the Richmond Cottage built in 1900. Charles Deering purchased the property in 1916 and built his Florida home using oolitic limestone on masonry in the property. The property has mangroves, pinelands and a hardwood hammock.

RODRIGUEZ AND QUIROGA  
ARCHITECTS CHARTERED



FLORIDA STATE UNIVERSITY

COLLEGE OF LAW

Tallahassee, Florida

Owner: Florida State University

Size: 20,000 sq ft

Cost: \$4,800,000

Services: Complete architectural and engineering services.

**REHABILITATION**  
**RESTORATION**  
**ADAPTIVE REUSE**



The project consists of the **rehabilitation, restoration and adaptive reuse** of four turn-of-the-century (1850's) houses and their relocation to the FSU campus. The adaptive reuse includes offices for Law Review and conflict resolution for the College of Law. The project includes the rehabilitation of the exterior envelope, structure and interiors. New mechanical, electrical and life safety systems were designed to meet current building codes and performance standards and to be in compliance with ADA. Security surveillance and building automation systems were added. The scope of work includes an addition to house new classrooms and offices.

RODRIGUEZ AND QUIROGA  
ARCHITECTS CHARTERED

PROJECT EXPERIENCE

MIXED-USE / GOVERNMENT / PUBLIC BUILDINGS

CITY OF HOMESTEAD CITY HALL

CHARLES E. BENNETT FEDERAL BUILDING

JAMES L. KING FEDERAL JUSTICE BUILDING

ADRIENNE ARSHT CENTER JOHN S. AND JAMES L. KNIGHT CONCERT HALL

FLORIDA GRAND OPERA ANDERSON OPERA CENTER

MIAMI CENTRAL SENIOR HIGH SCHOOL

355 ALHAMBRA

255 ARAGON

AKERMAN SENTERFITT

DEL MONTE FRESH PRODUCE

JOHN S. AND JAMES L. KNIGHT FOUNDATION

WEIL GOTSHAL MANGES

RODRIGUEZ AND QUIROGA  
ARCHITECTS CHARTERED



**HOMESTEAD CITY HALL**

Homestead, Florida

Owner: City of Homestead

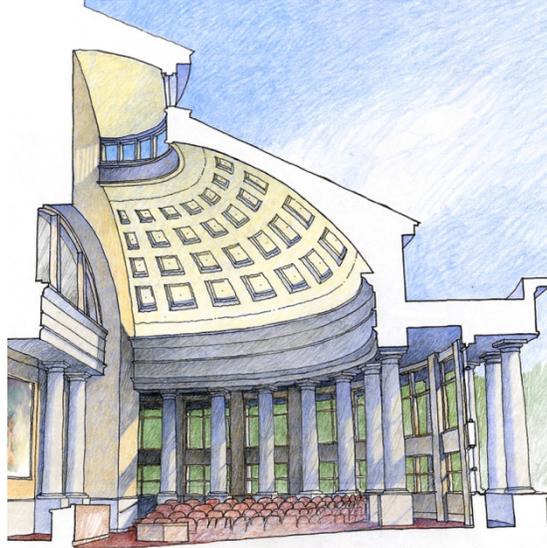
Size: 78,878 sq ft

Cost: \$18,920,182

Date: 2014

Services: Complete architectural and engineering services.

**NEW CITY HALL**



The project consists of a **new city hall which includes a 175-seat council chamber**, offices for city departments, and an emergency operations center designed to withstand category 5 hurricanes. Site development includes onsite parking for 300 cars, an oak grove, a fountain court and an arcade along Washington Avenue suitable for art festivals and community events. The building is designed to LEED Silver standards.

RODRIGUEZ AND QUIROGA  
ARCHITECTS CHARTERED



CHARLES E. BENNETT FEDERAL BUILDING

Jacksonville, Florida

Owner: United States, General Services Administration  
Size: 330,000 sq ft  
Cost: \$2,200,000  
Date: 2006  
Services: Complete architectural and engineering services.

**FEDERAL OFFICE BUILDING  
REHABILITATION**



The project consists of the **rehabilitation of a 330,000 sq ft federal office building** including the exterior concrete curtain wall, interior design of new public and tenant spaces and ADA compliance. The scope of work also includes new mechanical and electrical systems. The project is the recipient of the 2006 Federal Energy and Water Management Award and is designed to LEED Silver standards.

RODRIGUEZ AND QUIROGA  
ARCHITECTS CHARTERED



**J.L. KING FEDERAL JUSTICE BUILDING**

Miami, Florida

Owner: City of Miami leased by U.S.G.S.A.

Size: 313,000 sq ft

Cost: \$39,500,000

Services: Complete architectural and engineering services.

**NEW FEDERAL OFFICE BUILDING**



The project consists of a **new 12-story, 313,000 sq ft federal office building**. The Ground Floor is shared by the Main Lobby and the U.S. Marshall's offices. The U.S. attorney's offices are in floors 2-8; the court library is in the 9th floor and floors 10, 11 and 12 are occupied by six District Courts and the Eleventh Circuit Court of Appeals.

RODRIGUEZ AND QUIROGA  
ARCHITECTS CHARTERED



ADRIENNE ARSHT CENTER  
JOHN S. AND JAMES L. KNIGHT  
CONCERT HALL

Miami, Florida

Owner: Miami-Dade County Performing Arts Center  
Size: 165,000 sq ft  
Cost: \$132,032,442  
Date: 2006  
Services: Complete architectural and engineering services.

**NEW 2200-SEAT SYMPHONY CONCERT HALL**



The project consists of a **new 2,200-seat symphony concert hall**. The audience chamber is equipped with adjustable acoustic systems including a three piece individually adjustable acoustical canopy, acoustic curtains and banners, as well as an adjoining control chamber and chamber doors which can be opened or closed to change the acoustical environment.

RODRIGUEZ AND QUIROGA  
ARCHITECTS CHARTERED



FLORIDA GRAND OPERA  
ANDERSON OPERA CENTER  
Miami, Florida

Owner: Florida Grand Opera  
Size: 133,455 sq ft  
Cost: \$32,000,000  
Date: 2014  
Services: Complete architectural and engineering services.

**NEW 450-SEAT THEATER**  
**MIXED-USE**



The project consists of a **new mixed-use facility which includes a new 450-seat theatre**, related production spaces, administrative offices and apartments to house young and visiting artists, a 200-seat restaurant and a 300-car parking garage.

RODRIGUEZ AND QUIROGA  
ARCHITECTS CHARTERED



MIAMI CENTRAL SENIOR HIGH SCHOOL

Miami, Florida

Owner: Miami-Dade County Public Schools

Size: 443,235 sq ft

Cost: \$57,000,000

Date: 2012

Services: Complete architectural and engineering services.

**REHABILITATION**  
**ADAPTIVE REUSE**  
**PUBLIC SCHOOL**



The project consists of a campus master plan and the phased replacement of 5 major buildings in a high school campus while maintaining school in continuous operation. The project includes new classroom administrative buildings, a new dining hall, a new gymnasium, a new classroom and laboratory building, the **rehabilitation of an existing 880-seat auditorium and the adaptive reuse of the existing gym for use as a media center.**

RODRIGUEZ AND QUIROGA  
ARCHITECTS CHARTERED



355 ALHAMBRA

Coral Gables, Florida

Owner: Codina Development Corporation

Size: 517,000 sq ft

Cost: \$22,000,000

Date: 2010

Services: Complete architectural and engineering services.

**OFFICE**

**RETAIL**



The project consists of a **new mixed-use 16-story commercial office building** in the Coral Gables Central Business District **with retail spaces** on the ground level, six parking levels and nine typical office floors. The scope of work includes the interior design of the main lobby, typical floor elevator lobbies and all public spaces.

RODRIGUEZ AND QUIROGA  
ARCHITECTS CHARTERED



255 ARAGON

Coral Gables, Florida

Owner: First Bank of Miami

Size: 32,000 sq ft

Cost: \$2,800,000

Date: 2011

Services: Complete architectural and engineering services.

**OFFICE**

**RETAIL**



The project consists of an addition to a historically designated structure in the Coral Gables Central Business District. The three-story addition includes **retail space** on the ground level and **office space** on the second and third floors. Onsite covered parking for 29 vehicles is provided.

RODRIGUEZ AND QUIROGA  
ARCHITECTS CHARTERED



AKERMAN SENTERFITT

Miami, Florida

Owner: Akerman Senterfitt

Size: 30,000 sq ft

Cost: \$3,600,000

Date: 2007

Services: Complete architectural and engineering services.

**OFFICE INTERIORS**



The project consists of **executive offices and conference center** for an international law firm. It includes offices for attorneys, support staff, a reception area, law library, conference rooms, employee lounge, file rooms, copy rooms and central word processing areas.

RODRIGUEZ AND QUIROGA  
ARCHITECTS CHARTERED



DEL MONTE FRESH PRODUCE

Coral Gables, Florida

Owner: Del Monte Fresh Produce

Size: 44,000 sq ft

Cost: \$3,250,000

Date: 2002 - Present

Services: Complete architectural and engineering services.

**ADAPTIVE REUSE**  
**OFFICE INTERIORS**



The project consists of the **adaptive reuse of a 12-story commercial office building** for the world headquarters of a multi-national corporation, Del Monte Fresh Produce. It includes a reception area, conference rooms, executive offices, computer rooms, library, employee lounge, ground-level retail, restaurant and support spaces.

RODRIGUEZ AND QUIROGA  
ARCHITECTS CHARTERED



JOHN S. AND JAMES L. KNIGHT FOUNDATION

Miami, Florida

Owner: John S. and James L. Knight Foundation

Size: 23,000 sq ft

Cost: \$1,204,000

Date: 2003 - Present

Services: Complete architectural and engineering services.

**OFFICE INTERIORS**



The project consists of **executive offices** for a national foundation, the John S. and James L. Knight Foundation. It includes a reception area, conference rooms, computer rooms, library, employee lounge and support services.

RODRIGUEZ AND QUIROGA  
ARCHITECTS CHARTERED



WEIL GOTSHAL MANGES

Miami, Florida

Owner: Weil Gotshal Manges, PA

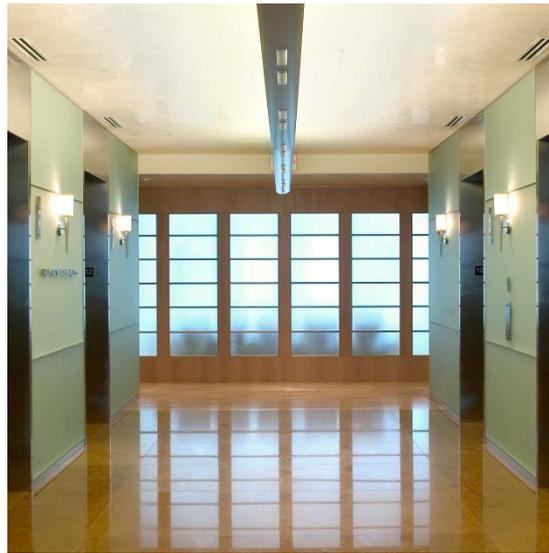
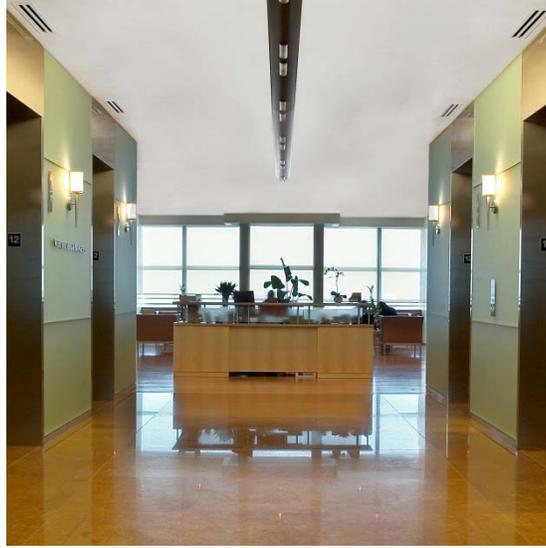
Size: 60,000 sq ft

Cost: \$1,204,000

Date: 2004 - Present

Services: Complete architectural and engineering services.

**OFFICE INTERIORS**



The project consists of **executive offices** for an international law firm. It includes offices for attorneys, support staff, a reception area, law library, conference rooms, employee lounge, file rooms, copy rooms and central word processing areas.

WILLIAM VOGAN ARCHITECTS

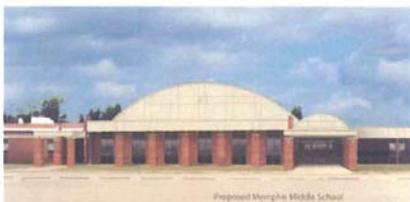
## DESIGN EXPERIENCE



**Sandusky Community Schools**  
 Sandusky High School  
 Maple Valley Elementary School  
 Classroom and Gymnasium Addition



**Port Huron Area School District**  
 Operations Building - Salt Storage Barn  
 Operations Building - Portables  
 Cleveland - Playground  
 Port Huron Northern - Transformer and  
 Classroom egress windows / door  
 Port Huron High School - Attendance Office  
 PHASD - Tunnel Maps  
 Memorial Stadium - B.F. Requirements  
 Study



Grant Education Center - Office  
 Renovations  
 Teen Health Center - Exam Room  
 Renovations  
 Michigamme - Storage Shed  
 Holland Woods & Cleveland - Boiler  
 Replacement



Fort Gratiot School - Boiler Replacement  
 Holland Woods & Chippewa - Running Track  
 Central & Fort Gratiot School - Running  
 Track  
 Centra/Intermediate - Stand-By Power  
 Woodrow Wilson - Roof Replacement  
 Holland Woods - Roof Replacement  
 McKinley - Roof Replacement  
 Indian Woods - Paving  
 Crull Elementary - Tech Lab. and Special  
 Education Room Renovations  
 Harrison Center - Office and Classroom  
 Renovations  
 McKinley - Administration Offices Relocation  
 Design



Holland Woods - Tech Room Renovations  
 Port Huron Northern - Art and Special  
 Education Room Renovations  
 Port Huron Northern - Band Room  
 Renovations  
 Roosevelt - Roof Replacement  
 Centra/Intermediate - Science Lab  
 (in progress)  
 Harrison - Computer / Head Room  
 Renovations (in progress)  
 Port Huron High School - Classroom  
 Renovations (in progress)  
 Port Huron High School - School Store  
 Renovations (in progress)



**St. Clair County / RESA**  
 Day Treatment / Night Watch Building

**Memphis Community Schools**  
 High School Classroom Addition and  
 Elementary School Additions and  
 Improvements

**Father Hogan Community Center**  
 St. Edwards Catholic School  
 Gymnasium Addition  
 Lakeport, MI

**St. Clair County RESA**  
 Geothermal Heat Pump Installation

**St. Clair County Community College**  
 Acheson Applied Technology Building  
 Boiler Replacement

**Lamphere District Schools**  
 Administration and School Building  
 Renovations

## ADMINISTRATIVE OFFICE BUILDING ST. CLAIR COUNTY, MI

St. Clair County desperately needed to upgrade and consolidate their facilities. Many County departments were housed in outdated facilities and scattered throughout the county making it difficult for residents to conduct business. WVA was called in to design a central facility which consolidated many of the departments and essentially creating "one stop shopping" for residents conducting County business.

The two story, 120,000 square foot building was constructed at a cost of \$14,500,000.00 and houses seven county departments, commissioner's meeting room, conference rooms and a community auditorium. The interior spaces are organized around a central atrium which allows natural light to penetrate into the building and wash the adjacent corridors. Glass block is extensively used in the corridors to further allow natural light from the atrium to diffuse into the various interior offices. The building structure, mechanical and electrical systems have been designed for the addition of four floors anticipating the future needs of the county.



## ST. CLAIR COUNTY DAY TREATMENT/ NIGHT WATCH FACILITY

The St. Clair County Day Treatment/Night Watch building services the needs of the areas special children who have problems adapting to the conventional educational system. The four classrooms are designed for a maximum of twelve students each in a more informal roundtable configuration. Students have classroom computer stations with multiple monitors and video projectors.

Teachers have individual desk/office areas including wardrobe/storage closets, base cabinets with a sink and wall cabinets above. The students also have a multi-purpose room which accommodates special activities and serves as a lunch room with an adjacent serving kitchen

The administrative side of the building houses offices and conference rooms for the teaching and county juvenile court staff. This area can be isolated from the remaining building and has a separate entrance to allow for after hour access for conferences and the activities of the juvenile court staff.

The Building takes advantage of many "green" building components including a large glazed entry lobby which allows for an abundance of natural day lighting and serves as an entry beacon from the adjacent highway. Large windows in the classrooms and office also take advantage of natural day lighting and provide views into the adjacent wooded areas. The mechanical system is composed of water-source heat pumps with a geothermal source. Rain water from the parking areas and the roof is directed to a planted bio-swale to be retained and naturally absorbed into the ground

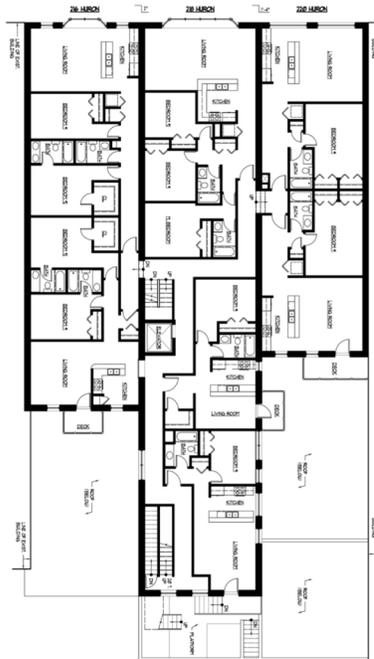


## HURON AVENUE HISTORIC RESTORATION PORT HURON, MI

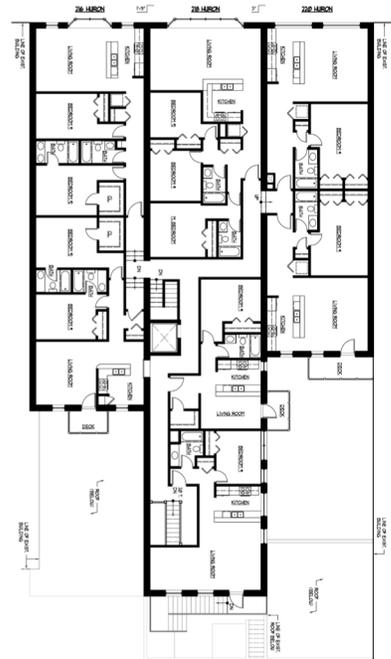
The Huron Avenue Buildings are part of multiple building restoration project in downtown Port Huron, Michigan. WVA was presented with the unique opportunity to create a fresh new living environment which preserved a piece of history and contributed to the cities' urban revitalization. The three story buildings had undergone many attempts at remodeling and modernization leaving them vacant and in a state of disrepair. Striking a careful balance between protecting and preserving the historic integrity of the circa 1928 buildings with a first class living and retail environment quickly became the fundamental design strategy. The resurrection of the Huron Avenue Buildings transformed functionally obsolete structures into multiple use retail and loft living units. The development was designed under the rigorous requirements of the State of Michigan Historic Preservation Office, and the Secretary of the Interior's Standards for Historic Preservation.



PROPOSED SECOND FLOOR COMPOSITE PLAN  
1/8" = 1'-0"



PROPOSED THIRD FLOOR COMPOSITE PLAN  
1/8" = 1'-0"



ELIZABETH NEWLAND LANDSCAPE ARCHITECTURE

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

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

- **City of Marathon, Grassy Key Fire Station**-Landscape architecture master plan for new fire station.
- **Stock Island Marina Village**-Landscape architecture master plan and landscape construction documents for marina renovation.
- **City of Marathon, Grassy Key Wastewater Treatment Plant** -Landscape architecture master plan mitigating the visual impacts of the sewer plant from US 1 and neighboring properties.
- **City of Key West, Caroline Street Corridor**-Landscape architecture master plan with Perez Engineering and Development, Inc.
- **City of Key West Fire Station #2 and Multimodal Transportation Facility**-Landscape architecture master plan for new fire station and multimodal facility with MBI-K2M Architects.
- **Monroe County, Stock Island Fire Station**-Landscape architecture master plan for new fire station with William P. Horn Architect, PA.
- **Key West Seaport Hotel, Key West**-Landscape architecture master plan for Harborside, LLC.
- **Waterfront Brewery, Key West**-Conceptual landscape architecture plans with William P. Horn Architect, PA.
- **City of Key West, Administration Building and Parking Garage**-Landscape architecture master plan and construction documents with MBI-K2M Architects.

## **The Singh Company & Singh Resorts, Key West, Florida** **Vice President and Corporate Officer-2004 to 2011**

As Vice President of The Singh Company, Elizabeth has a proven track record of successfully designing, marketing, managing and completing the construction of five real estate redevelopment projects totaling over \$300 million dollars. As senior development executive for The Singh Company, Elizabeth is a schedule driven, multi-tasking professional capable of providing complete project management expertise including conceptual design and master planning, local and state regulatory permitting, preparing construction budgets and bank finance packages, management of architectural, engineering and interior design consultants, landscape architectural design, FF&E design and procurement, construction management and contract negotiation, hotel renovation construction management and contract negotiation, developing marketing programs and collateral material design, managing advertising and public relations programs and consultants, corporate branding, design quality control, coordination with real estate sales team, owners representative and buyer/owner liaison. Redevelopment projects completed in the traditional Florida Keys vernacular-style include:

- **Parrot Key Resort, Key West, Florida**  
Luxury 5 acre waterfront resort redevelopment on the Gulf of Mexico with 74 town house style units, 4 resort swimming pools, intimate sculpture gardens, sand beaches, lobby, pool side bar

and fitness center. Parrot Key Resort is the recipient of the 2009 Design Award of Honor from the Florida Chapter of the American Society of Landscape Architects.

- **Tranquility Bay Beach House Resort, Marathon, Florida**  
Dramatic 23 acre waterfront resort redevelopment located on the Gulf of Mexico with 87 town house style units, 2 resort-style swimming pools, Jack Nicklaus 18-hole putting green, 2 acres of sand beach, lobby and fine dining restaurant, waterfront bar, conference center, employee affordable housing and sewer treatment plant.
- **Indigo Reef Marina Homes, Marathon, Florida**  
Exclusive 15 acre waterfront residential resort redevelopment located on the Gulf of Mexico with 67 town house style units, 67 slip marina, swimming pool, lobby and owner storage facility, sewer treatment plant and 28 acres of natural hammock habitat dedicated as Florida Keys Flyway Preserve in conjunction with the State of Florida.
- **The Boat House Marina, Marathon, Florida**  
State-of-the art 200 slip dry boat storage facility meeting stringent Florida Keys hurricane codes and respecting community aesthetics. 65 slip full service marina, fuel facilities and dock master pavilion.
- **Coral Lagoon Resort, Marathon, Florida**  
Charming 6 acre waterfront resort and marina located on the Atlantic Ocean with 25 townhouse style units each with docking, swimming pool, marina store, employee affordable housing and sewer treatment plant.

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

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

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

- **Four Seasons Hotel and Tower, Miami, Florida-** Street level landscape and hardscape design, landscape design for two roof top recreation decks. Joint venture with the Office of Dan Kiley for The Millennium Partners of New York.
- **Port of Miami Enhancements Master Plan, Miami, Florida-**Landscape, signage and lighting design, site furniture selection and paving design for the interim and long range 2020 Master Plan for the Cruise, Cargo and Corporate areas of the Port of Miami. This project involved integrating landscape design and material selection with stringent FDLE security requirements.
- **Miami-Dade Expressway Authority Enhancements Master Plan, Florida-** Development of the award-winning system-wide landscape and hardscape enhancements manual that defines the image of MDX and improves the visual character of the roadway system. This project included

design and selection of light fixtures, signage structures, retaining walls, noise walls, fences and the landscape palette that can be applied to all MDX roadway projects.

- **Bayshore Golf Course/Miami Beach Golf Club, Florida**-Landscape design for golf course and streetscape for the renovation of this public course location in the City of Miami Beach. This project included the selection of salt tolerant native plant species to withstand irrigation by brackish water. This project also includes the award winning design of more than a dozen wetlands including plant selection and installation procedures to provide drainage and wildlife habitat on the golf course.
- **Summit Brickell, Coral Way, Douglas Grand, Brickell View, 610 Clematis and Park Place at Brickell**- Preparation of Major Conditional Use Plans, landscape and hardscape design for the streetscape and recreation decks of six mixed-use projects located in the urban centers of the City of Miami and West Palm Beach. Each project included extensive planning and design coordination with city staff, community members, planning commission and city commission.
- **City of Sunny Isles Streetscape Master Plan, Florida**- Streetscape and enhancements master plan including 6 lane, 2 mile A1A/Collins Avenue and Sunny Isles Boulevard to establish guidelines to improve the visual character of the City. This beautification process required coordination with the Florida Department of Transportation (FDOT) and the Community Advisory Board.
- **City of Bay Harbor Islands Streetscape Master Plan, Florida**-Streetscape and enhancements master plan for the Broad Causeway from Biscayne Bay to Indian Creek including the Kane Concourse home to one of the largest collections of the Miami Modernism style of architecture.
- **Salvadore Community Park and Tennis Center, Coral Gables, Florida**-Landscape and hardscape design for the renovation of the park which involved complying with Mediterranean architectural guidelines along with budgetary considerations of the City of Coral Gables.
- **Margaret Pace Park, Miami, Florida**- An award winning 8.25 acre waterfront park that served as the cornerstone for the redevelopment of the Omni Arts and Entertainment District in the City of Miami. This project included a lengthy public involvement process as well as the addition of many active recreation features like soccer, cricket, tennis and also passive recreation elements like water front walks, plazas and public art components. The project employs CPTED planning principles in the development of the hardscape and landscape design.
- **Marathon Community Park, Marathon, Florida**-Landscape architectural design of this ocean front park in the Florida Keys. This project included a lengthy public involvement and master planning process and was a joint venture with Bender & Associates of Key West.
- **Puerta Maya Resort, Cozumel, Mexico**-Landscape architectural design and landscape construction management of this port market village for Carnival Cruise Lines.
- **Marriott's Villas of Doral, Miami, Florida**-Landscape architectural design of this 244 unit vacation timeshare project, located on the new Great White Golf Course at Doral Country Club.

**The Singh Company, Key West, Florida**  
**Vice President of Development-1995-1998**

As the Vice President of Development for the Florida Keys largest real estate development company, Elizabeth provided design, permitting and construction management for over \$250 million dollars of residential real estate redevelopment projects. Responsibilities included master planning, local and state regulatory permitting, project scheduling, management of architectural, civil engineering and planning consultants, landscape and hardscape design, authoring community design guidelines, design review and quality control, consultant and contractor contract analysis and negotiation, construction

management, coordination with real estate sales staff, coordination of interior design and homeowner upgrade program, advertising and marketing, budget preparation, monitoring of job costs. Projects completed in the traditional Florida Keys vernacular style included:

- **Key West Golf Club, Key West, Florida**-Tranquil 200 acre site surrounding the 18 Hole Championship Rees Jones Key West Golf Course with 390 single family and duplex style homes. Site included a large resort-style swimming pool, sculpture garden and wetlands preserves.
- **Village at Hawk's Cay, Monroe County, Florida**- Dramatic waterfront resort redevelopment with 247 townhouse and single family units fronting on the Atlantic Ocean.
- **Roosevelt Annex, Key West Florida**- Charming residential waterfront community consisting of 25 townhouse and single family homes successfully integrating high-end market rate units with neighboring affordable housing.

### **Harry S. Truman Little White House, Key West, Florida** **Director -1991-1995**

As Director of the State of Florida's only presidential home site listed on the National Register of Historic Places Elizabeth provided construction management for the completion of the restoration of the building, landscape, infrastructure and interiors in compliance with the Secretary of the Interiors Guidelines. The project involved researching and recreating a two acre historically significant landscape. Responsibilities included providing coordination with the State Historic Preservation Officer, organizing the business operations of the museum, hiring and managing a staff of twelve, grand opening and dedication event, marketing, advertising, public relations, budget preparation, facilities maintenance and accounting.

### **Truman Annex Company, Key West, Florida** **Landscape Architect-1988-1991**

Landscape architect of the award winning Truman Annex a \$200 million dollar 48 acre oceanfront, multi-use landmark redevelopment project located in the Key West National Historic District. This 425 unit project included extensive work with the preservation and adaptive reuse of numerous historically significant structures and landscape features. Specifically the project included the design of three urban streetscape parks **Treasure Triangle/Mel Fisher Museum Courtyard, Presidential Park Front Street** and **Shipyard Open Space Park**. Responsibilities included master planning, site planning, hardscape and planting design, graphics and signage coordination, construction management, architectural design review, liaison with government agencies. Landscape and hardscape design was provided for **Harbour Place** (60Units), **Porter Court** (19 Units), **Mills Place** (20 Units), **Shipyard** (183 Affordable Housing Units), **Building 7** (26 Units). Architectural and site plan review was provided for 60 Single Family Units and 60,000 SF of Commercial and Professional space.

PEREZ ENGINEERING

## 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.

### 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.



Horace O'Bryant School

Print #120722017  
Date: 07/23/12  
Lat/Lon: 24.5573 -81.7871

Aerial Photography, Inc. 954-988-0484

DDA ENGINEERS

## ◆ Homestead City Hall

**Architect:** Rodriguez & Quiroga Architects Chartered

**Address:** Homestead, Florida

**Size of Project:** 78,878 square feet

**Construction Budget:** \$18,920,182.00

**Completion Date:** 2014

**Reference:** Ivan Bibas

**Scope of Service:** Complete Structural Design, Construction Documents

**Brief Description:**

The project consisted of the design of a City Hall complex that contains a 173-seat council chamber and a 3-story office building. The structural framing for the office building consists of precast, pre-stressed concrete joists supported by concrete beams and columns. The roof framing over the council center consists of a steel-framed “dome” with tension and compression rings. Lateral loads are resisted by concrete shearwalls.



## ◆ City of Miami Beach Multi-Purpose Parking Facility & Office Building

***Architect:***

Perkins and Will

***Address:***

Miami Beach, Florida

***Construction Budget:***

\$26 Million

***Completion Date:***

2009

***Reference:***

Jose Gelabert-Navia, AIA

***Scope of Service:***

Complete Structural Design, Construction Documents, Construction Administration and Threshold Inspections

***Brief Description:***

The project is located at the west of the City of Miami Beach City Hall. Project consist of a seven-story precast parking garage building with over 650 parking spaces and approximately 32,000 square feet of office space spread throughout five floors. Framing system was constructed using cast in place column and beams. The foundation system for the parking garage and office building consist of 16" diameter augercast piles.



FRAGA ENGINEERS

## Ponce de Leon Middle School

Coral Gables, Florida

**Services:** MEP Engineer of Record

**Project Cost:** \$7.2 million

**Project Completion Date:** 2008

### Project Contact:

Rodriguez and Quiroga Architects

Mr. Ivan Bibas

305-606-3345

[ibibas@rodriguezquiroga.com](mailto:ibibas@rodriguezquiroga.com)



### Project Description:

This project consists of the restoration of a 1925 City of Coral Gables historically designated structures. The Historical Resources Department for Coral Gables required the rehabilitation of all exterior surfaces, as well as doors and windows, upgraded to meet modern structural and performance standards. The historic exterior wall was maintained in position via the use of a temporary external buttressing system. All mechanical, electrical, and life safety equipment was replaced. Fraga Engineers served as Mechanical and Electrical Engineer of Record for the project.

### Project Applicability:

This project provided Fraga Engineers with valuable experience in the design & construction of historical renovations.



## Governor Hotel Rehabilitation

Miami Beach, Florida

**Services:** MEP Engineer of Record

**Project Cost:** \$3.0 million

**Project Completion Date:** 2011

### **Project Contact:**

Arquitectonica

Mr. Mario Macias

305-372-1812

mmacias@arquitectonica.com



### **Project Description:**

This project consists of the rehabilitation of the historic hotel in Miami Beach and new construction of apartment condos encompassing an entire city block in Miami Beach. The Historic Governor Hotel in Miami Beach was remodeled and the adaptive-use for apartments. In addition, two other existing apartment buildings were renovated, coupled with the construction of two new buildings, a 5-story apartment building and a 6-story apartment building with shared underground parking. Fraga Engineers served as Mechanical and Electrical Engineer of Record for the project.

### **Project Applicability:**

This project provided Fraga Engineers with valuable experience in the design & construction of historical renovations, which often have space limitations with regards to MEP back of house spaces and horizontal space for distribution. Project involved close coordination with manufacturers, architect and structural engineer to ensure mechanical and electrical equipment fit within the existing constraints of the building.



## Virginia Key Beach and Park

Virginia Key, Florida

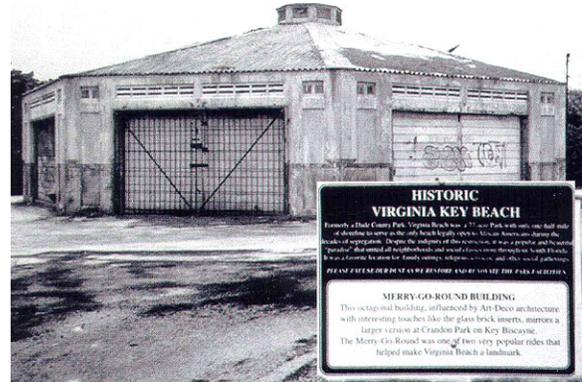
**Services:** MEP Engineer of Record

**Project Cost:** \$3.5 million

**Project Completion Date:** 2006

**Project Contact:**

Johnson & Associates Architects, Inc.  
Mr. Richard Johnson  
305-377-0606



**Project Description:**

This project involved the restoration of three structures at Virginia Key Beach. Virginia Key Beach was established in 1945, as the only public beach for the "exclusive use of Negroes" in Dade County. In 1982 the City of Miami closed the park until the Grand Re-Opening in 2008. In 2002, Historic Virginia Key Beach Park was listed on the National Register of Historic Places.

The project involved the renovation of a bathroom building, carousel building and concession stand. The project was the first phase of a planned restoration of the entire Virginia Key Beach Project, including a future museum.

Fraga Engineers served as Mechanical and Electrical Engineer of Record for the project.

**Project Applicability:**

This project provided Fraga Engineers with experience in the design of historical restorations, including working with members of the community who were vital in securing funds and ensuring the success of the project.



# ISLAND SURVEYING

# SCHOOLS



## **GLEN ARCHER**

Boundary and topographical survey. Possible future home to the City of Key West new City Hall.

## **SUGARLOAF ELEM. And MIDDLE SCHOOL**

Provided all boundary and topographical surveying for all new renovation. Wetland survey. As built and legal descriptions.



## **GERALD ADAMS**

Boundary and topographic surveys. Also construction layout for new Additions.

**ISLAND SURVEYING INC.  
KEY WEST, FL.**

VERTICAL-V SOUTHEAST

## Performing Arts Center

### ***Scope of Work***

Services provided were limited quality assurance materials testing services to test concrete slabs using Windsor probes test standards. The tests were carried out in general accordance with the manufacturer's recommended procedure using compressive strengths requirements. Located at 240 NE 13<sup>th</sup> Street, Miami, Florida



## Miami Central Senior High School

### ***Scope of Work***

Geotechnical Engineering and Materials Testing services for the construction of Approximately 255,500 square feet of multiple buildings with an estimate of construction cost of \$81 Million. The high school facilities included: Locker room and Multi-purpose building; Food Services Building; Media Center; Physical Education Fields and 4,900 square feet of covered walkways.



## The City of Sunrise – Public Safety Complex

### **Scope of Work**

Vertical V has provided geotechnical engineering services and testing and inspection services for the City of Sunrise as part of the Master Services Contract awarded to Vertical V. The services include foundation studies, subsurface explorations, field and laboratory testing to ensure compliance of project specifications. Additional services include on-call engineering consulting in coordination with the City to meet the budget and schedule requirements for the projects. The following project is the Public Safety Complex which consists of the following:

- Ancillary Building 14,003 square feet
- Fire Station 17,212 square feet
- Central Energy Plant 1,132 square feet
- Public Safety Building 104,836 square feet

Services include Geotechnical Engineering and Materials Testing and Inspections in addition to the following:

- Threshold Inspection
- Soils Inspection of Sub-base and Base Materials
- Seismograph Observation and Reporting
- Concrete Placement Inspection
- Rebar / Steel Placement Inspection
- Fireproof Inspection
- Welding Inspection
- Pile Installation



ACENTECH

## **UNITED STATES FEDERAL COURTHOUSE**

Springfield, MA



### **PROJECT DESCRIPTION**

Located adjacent to the Church of the Catholic Diocese, the Museum of Fine Arts, and the Springfield Public Library, the Federal Courthouse rounds out the city's institutional district. Containing four courtrooms, it forms a spiraling crescent around four ancient trees. This 162,000 square-foot \$57 million facility opened in 2008 and was designed by Moshe Safdie and Associates Architects.

Non-court agencies include U.S. Marshalls, U.S. Attorneys, and U.S. Congressmen. Judges' chambers are found in a parsonage-like annex. Public spaces are formed by a series of layers: a precast concrete colonnade, a glass screen with minimal framing, a limestone wall with large openings, and an inner wall, which are each in turn sky-lit. The building satisfies security measures for a Federal Courthouse without compromising openness, extroversion, and transparency.

Acentech consulted on sound isolation, room finishes and mechanical system noise and vibration control. Our acoustical recommendations were in accordance with the US Court Design Guide, US Marshal Specifications Guide and US Attorney Standards for the construction of these spaces. The building also includes an atrium space that required acoustical treatment.

O:\Marketing\++RFQ RFP Central++\Project Summaries\Project Summaries in InDesign\Courthouses\US Court Springfield MA.indd

# **Acentech**

### **CONSULTING SERVICES**

- Architectural acoustics
- Sound isolation
- Mechanical system noise and vibration control

### **REFERENCE**

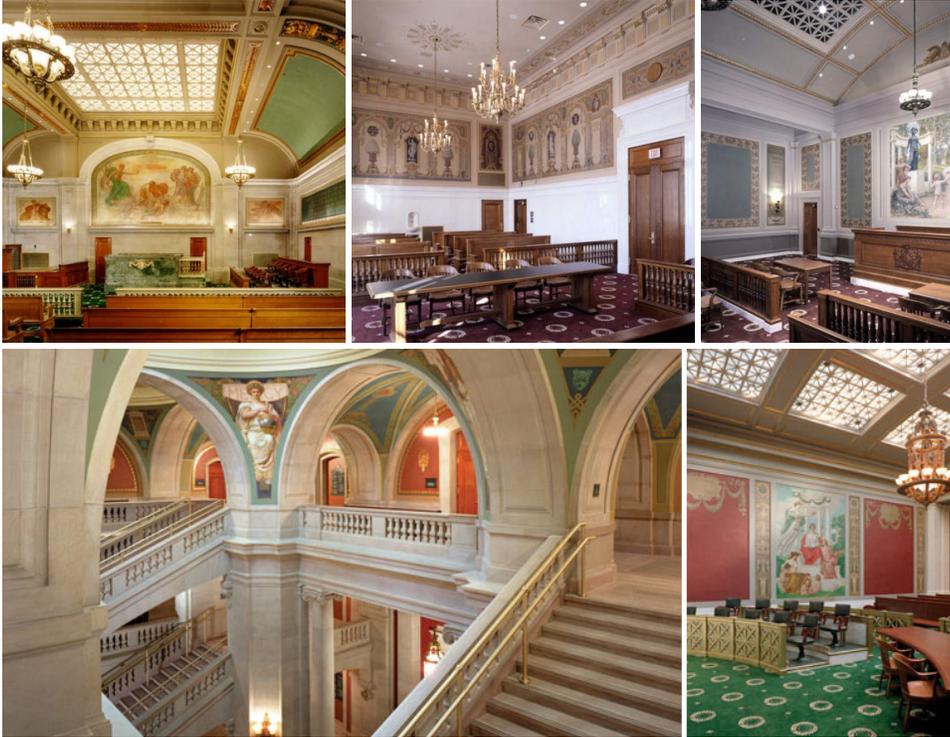
Mr. David Honn  
Safdie Architects  
100 Properzi Way  
Somerville, MA 02143  
(617) 629-2100



## **HISTORIC ESSEX COUNTY COURTHOUSE**

Newark, NJ

**Acentech**



### **CONSULTING SERVICES**

- Architectural acoustics
- Sound isolation
- Mechanical system noise and vibration control
- Audiovisual system design

### **REFERENCE**

Robert N. Rossi, AIA  
Farewell Mills and Gatsch  
Architects  
200 Forrestal Road  
Princeton, NJ 08540  
609-452-1777

### **PROJECT DESCRIPTION**

Since its completion in the early 1900's, the Essex County Courthouse has been a captivating courthouse facility. Originally designed by Cass Gilbert, its condition had deteriorated significantly, requiring it to be vacated in the early 1990's. Farewell Mills and Gatsch Architects was charged with restoring the facility to a modern courthouse. The building includes 10 historic courtrooms along with the associated judicial support spaces. Throughout the building, there are beautifully restored surfaces of marble, wood paneling, elaborate paintings and murals, in addition to many original pieces of furniture. Their work on the project earned a Honor Award from the National Trust for Historic Preservation, along with several other regional restoration awards for the project's successful completion.

Acentech provided a variety of services on the project, primarily focused on the mechanical system noise and vibration control. Due to the requirements of a modern building, new mechanical systems were designed to provide the ventilation and air conditioning that was required. We recommended noise control measures to achieve suitably low background noise levels from these systems in the courtrooms and judicial support spaces. There were also challenges with incorporating mechanical systems in areas such as the attic, located adjacent to the original stained glass Tiffany skylight. Acentech also provided recommendations for architectural acoustics, including room acoustics and sound isolation of the various judicial spaces, in addition to guidance with the audiovisual system design for the project, focusing primarily on the courtrooms and Judges' Chambers, and a multi-zone paging system throughout the building.



ROSS & BARUZZINI



**Project Details**

**Location:**  
Homestead, Florida

**Completion Date:**  
2009

**Construction Cost:**  
\$20.2 Million (estimate)  
\$1.2 Million (systems)

Ross & Baruzzini working as part of the Rodriguez and Quiroga design team provided consulting and engineering services to the City of Homestead. Upfront programming will defined the “people and processes” associated with managing events within the Emergency Center. As this facility is the centralized point of communication for all City services when activated by Miami-Dade County, close coordination with the audio-visual elements occurred to provide alternative use as a means to achieve economies.

As an adjunct activity, Ross & Baruzzini provided security engineering and consulting activities as the Engineer of Record for the access control, closed-circuit television, digital video recording and intrusion detection systems. Initial steps were to provide a concept of design to ensure components are adequately budgeted. This was followed on by traditional engineering tasks associated with the competitive bid procurement by preparing drawings and specifications. Additional responsibilities were to provide assistance during the bid cycle, and associated construction support services to include submittal reviews, construction progress reviews, participating in testing, acceptance and final close-out tasks.

## City of Tulsa



## New Emergency 911 Facility



### Project Details

**Location:**  
Tulsa, Oklahoma

**Completion Date:**  
2008

**Construction Cost:**  
\$8.5 Million

The project included programming, design, bidding and construction phase services for a single-story, 26,510sf hardened building and associated site improvements at a six-acre site in suburban Tulsa. The facility is to be utilized as a new 911 Public Safety Response Center to serve the Tulsa Metropolitan Area. The building features a central landscaped courtyard with fountain surrounded by the building operational functions.

As the lead A/E firm, Ross & Baruzzini provided programming, architecture, interior design, and engineering of HVAC, plumbing, fire protection, electrical and security systems. The E911 Facility includes:

- Landscaped Courtyard with fountain
- Operations area with 48 custom consoles
- Administrative offices and support space for 20
- Break room/Lockers/Restroom
- Operations training room with 10 consoles
- Data equipment room
- Multi-purpose room/Workout room
- Two classrooms
- Storage.

Design considerations included:

- Maintaining 24/7 operations
- F4 tornado resistance
- Blast resistance – 1,000 lb explosive @ 60' stand off
- “Quality of Life” issues for user group
- City of Tulsa Arts Commission
- Redundant UPS system
- Redundant emergency generator systems ((2) 5000 KW)
- IT and radio systems

Redundant underfloor HVAC distribution serving the computer room and operations area.

## STUDIO 321

## FREEDOM TOWER

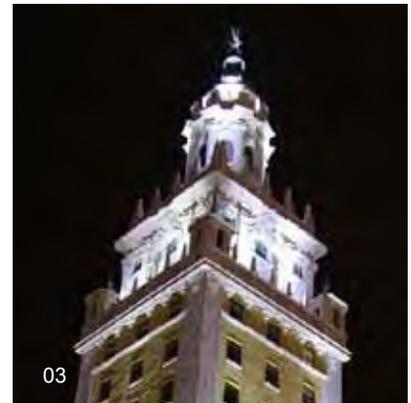
Miami, Florida

Architect:  
Rodriguez and Quiroga  
Miami, Florida

### Scope:

The restoration of a 1925 historic structure, listed in the National Register, to house the Cuban American Museum. The building site is listed in the National Register of Historic Places.

The lighting design scope included the site, facade, creating a night time identity for the project, as well as the main interior public spaces including the main lobby, elevator lobbies, circulation space, prefunction, and function space.

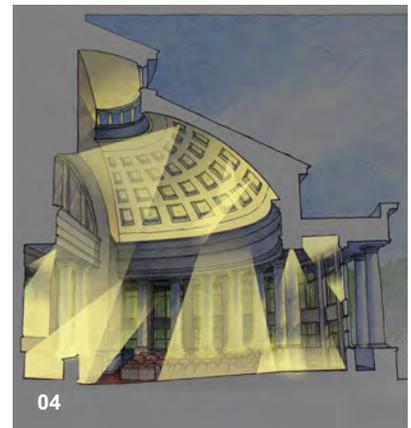
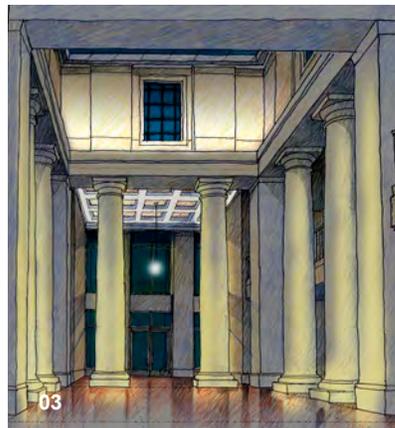


- 01 Facade along Biscayne Blvd
- 02 Nighttime View
- 03 Tower detail

HOMESTEAD CITY HALL  
Homestead, Florida

Architects:  
Rodriguez & Quiroga  
Coral Gables, Florida

Scope:  
The Lighting design scope of work for this new City Hall included the site, landscape, facade, arcade, terraces, entries, public circulation, corridors, restrooms, prefunction space, meeting rooms, atrium lobby, and council chambers.

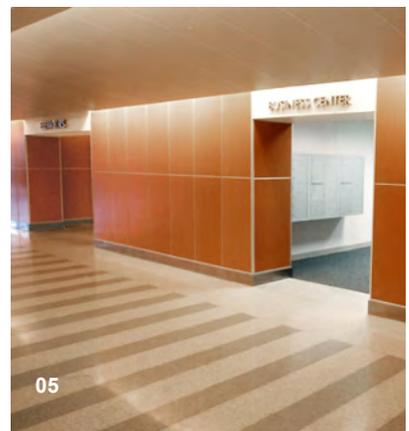
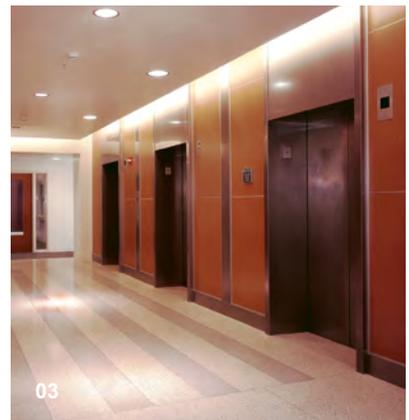


- 01 North Facade
- 02 South Facade
- 03 Lobby Entry
- 04 Council Chambers

**BENNETT FEDERAL BUILDING**  
Jacksonville, Florida

Architects:  
Rodriguez & Quiroga  
Coral Gables, Florida

Scope:  
Lighting design for the renovation of this federal building included the exterior site, stairs, ramp, landscape, facade, entries, lobbies, elevator lobbies, corridors, restrooms, and business center.



- 01 Entry
- 02 Main Lobby
- 03 Elevator Lobby
- 04 Lower Lobby
- 05 Business Center

## THE WARMING HUT

Crissy Field, San Francisco,  
California

### Client:

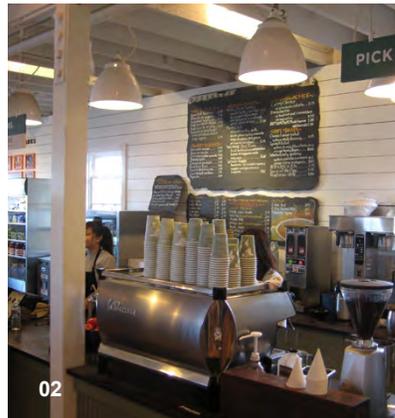
National Park Service  
Golden Gate National Park Conservancy  
San Francisco, California

### Scope:

The lighting design scope for the renovation of this historic 1909 engineering warehouse included the exterior facade, exterior entry, entry vestibule, retail sales floor, bookstore, information center, cafe, kitchen, coffee bar, restrooms, corridors, office, and storage rooms.



01



02



03



04



05

- 01 Entrance
- 02 Cafe / Coffee Bar
- 03 Cafe Seating
- 04 View at Path to Golden Gate Bridge
- 05 Exterior Facade / Entrance

TRAF TECH

## Traf Tech Engineering

### Relevant Project Experience:

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

ATKINS

# Related project experience



## Miami-Dade County Public Schools (M-DCPS) Cost Estimating and Scheduling Services Contract (1996–Present)

Miami, Florida

With more than 350,000 students in its system, M-DCPS is the fourth largest school district in the country. To accommodate the needs of the growing community and reduce overcrowding, M-DCPS implemented an innovative construction program that used a prototype modular building method of construction and a construction manager-at-risk (CMAR) contractual delivery method to complete construction of new classroom buildings under time constraints imposed by the school calendar year.

Atkins' program controls group was reselected for a fifth consecutive term to provide cost estimating and scheduling services required by this program—services that the firm has provided to M-DCPS since 1996. While the first phase of the program included 60 one-story buildings that were completed for the 2005 school year, the second phase involved two- and three-story structures, increasing the complexity of the program related to cost and schedule controls.

The continued increase of material costs and the shortage of materials, labor, and equipment were key challenges facing M-DCPS in its attempt to construct new school facilities on time and under budget, making cost estimating and scheduling assistance critical to the success of this program.

Atkins project controls team has successfully provided M-DCPS with cost estimates and schedules with very rapid turnaround times to meet aggressive project schedules. The involvement of other construction managers in the program in order to increase competition required additional coordination among contractors, subcontractors, and design firms, adding to the complexity of the effort.

As an integral part of the owner's team, Atkins' cost estimating services include developing cost estimates at various stages of design including preliminary budgets, conducting site visits, performing alternatives and bid analyses, developing site adaptation cost estimates, conducting change order reviews, and providing post-construction support such as punch-list/closeout cost estimates. Scheduling services include developing and updating project schedules as well as reviewing contractors' cost proposals, progress schedules, and time extensions. Other related services included facilities assessments, claims analysis, and support for maintenance projects. Typical projects include new elementary, middle, and high schools; repairs and renovations to existing schools; new additions; modular building additions; site improvements; and special programs such as safety-to-life and maintenance upgrades. Through our services, M-DCPS has been able to obtain the best value for its funding capability through fair and balanced negotiations with the local contractor community.

## **New City Hall and Police Headquarters Complex**

Miami Gardens, Florida

This approximately 5-acre project involved construction of a new multi-story City Hall and Police Headquarters complex with a mechanical building and attached parking garage. The overall construction area is 316,013 gross square feet (gsf), including the City Hall, Police headquarters, mechanical building, and parking garage. Atkins provided cost estimating, scheduling, and claims support services. As part of our services, Atkins prepared an independent estimate to help the City in its guaranteed maximum price (GMP) negotiations with the CMAR contractor and performed baseline schedule and monthly update reviews during construction of the site work package that has a goal of Leadership in Energy and Environmental Design (LEED) Platinum certification. Atkins also assisted the City with the review of a change order and time impact analysis associated with changes to the underground rain water harvesting system.

### **Creative implementation**

The 1934–1935 New Immigration Building will be rehabilitated for new staff offices. Upon completion, the current staff offices will be relocated to this new space as part of a larger “Peopling of America Center” project in the Ellis Island Immigration Museum.

## **Statue of Liberty National Monument Rehabilitation of Ellis Island’s New Immigration Building**

New York, New York

Atkins provided on-site construction management services for the rehabilitation of the New Immigration Building on Ellis Island. Atkins also provided cost estimating and scheduling services. Selective demolition work included the removal of existing roofing, roofing accessories, roof drains, sheet metal wall coping and flashing, windows, doors, finish hardware, and the removal and protection of existing utilities. Selective interior demolition included existing partial walls, building systems, interior doors, millwork, architectural finishes, and plumbing fixtures.

The rehabilitation of the existing structure included, but was not limited to, new roofing, accessibility improvements, building code upgrades, mechanical, electrical, HVAC, plumbing, fire sprinkling and alarms, insulation, and architectural finishes. Finish work included plastering, gypsum board, tile, millwork, casework, flooring, and painting. The demolition and rehabilitation was completed in and around historic and culturally sensitive buildings. The project is adjacent to public use areas and is highly visible.



## City of Miami Capital Program Support Services – Multiple Projects/Facilities and Job Order Contracting (JOC) Program Management

Miami, Florida

The City of Miami's capital improvement program (CIP) is responsible for the planning, coordination, implementation, and monitoring of all construction-related capital projects in the city and for the financial management of all capital funds. The City's CIP and multiyear plan encompasses more than 300 projects valued at nearly \$550 million for the 6-year period from 2010–2016. The City's work program includes parks, roadways, recreational facilities, police and fire stations, and other key facilities.



Atkins' professionals work with City staff in the delivery of the City's CIP projects. We assist the City with its program and production and provide construction management expertise and professional support in various areas including construction management, cost estimating, work program scheduling, JOC management, construction scheduling, and roadway design management. Atkins also provides support in other areas including claims support, surveying, urban planning, work program estimating, and environmental tasks.



## Florida International University (FIU) Cost Estimating and Scheduling Services Contract

Miami, Florida

Atkins was selected by FIU to provide cost estimating, scheduling, and value engineering services for their Facilities Department. Projects have ranged from facilities-type projects and roadway civil improvements to forensics analysis with construction costs ranging from \$350,000 to \$43 million for traditional design-bid-build (D-B-B) to CMAR projects.

One of our task assignments involved an order-of-magnitude construction cost estimate for a 10-year window Infrastructure Development Plan. FIU provided Atkins with documents showing the intended future development/build-out (5-year, 10-year, and 20-year plans) in the north-east quadrant of the Modesto Maidique Campus. Atkins' civil, mechanical, electrical, traffic, and estimating technical disciplines reviewed these documents and met with FIU's planners and maintenance staff to discuss infrastructure expansion needs and constraints. Discussions included improvements to sanitary sewer, electrical power, communications ductbanks, chilled water line loops, water mains, natural gas supply, and on-site roads. Atkins provided a construction cost estimate that enabled FIU to plan out the phased work and properly allocate the necessary funds for this long-term project. The \$12 million conceptual construction cost estimate included cost components for construction, design, permits (where needed), allowances, contingencies, and escalation. Cost estimate ranges were escalated to mid-point of construction per FIU's projected funding availability.



## Statue of Liberty National Monument Upgrades

### New York, New York

Under a continuing, multimillion-dollar contract with the National Park Service (NPS), Atkins is providing construction management services at the historic Statue of Liberty National Monument, one of America's most treasured icons. This is a \$27 million program of "life safety" improvements, which will ultimately make the monument safer and more accessible to its 3.5 annual visitors. Improvements include replacement of two elevators, accessibility improvements, and upgrades to the electrical, air handling, fire protection, and security systems. Atkins has three construction managers on site for the duration of the project, working closely with the NPS contractor to upgrade stairways inside the statue and refurbish restrooms in addition to the other improvements. Atkins also assists NPS with the review of baseline schedules, monthly schedule updates, and time extensions. We also provide the client with project status based on cost and resource analysis emphasizing compliance with contract documentation, logic, and cost.

#### Project components

- Removal of existing stair and elevator components, and the selective removal of existing mechanical, electrical, and plumbing systems.
- Construction of two enclosed steel stairs in the pedestal. Enclosures include precast concrete, cast-in-place concrete, and fire-rated glazing.
- Mechanical and electrical services to provide pressurization and climate control at the stairs; smoke exhaust at selected spaces; and climate control at the Statue. An emergency generator will be included.
- Construction of new masonry stairs at the south side of the monument to match the stairs at the north side, including new stairs excavated into the Terreplein for egress.
- Replacement of the main passenger elevator in the pedestal and of the emergency elevator in the statue. A new wheelchair lift is included.
- Remodeling of the existing restrooms at Level 1P.
- Replace automatic transfer switch (ATS) and switchgear in the administration area.
- Replace the electrical controls in the monument.
- Replace the chillers and air handling units (AHU) in levels 1P and 2P.
- Install closed-circuit television (CCTV) cameras for security.

While services are being performed, the statue will be closed to visitors for a period of 1 year. Liberty Island will remain open during the project and views of Lady Liberty will remain largely unobstructed during the upgrade to the statue's interior.

**RODRIGUEZ AND QUIROGA**  
ARCHITECTS CHARTERED

2. MANAGEMENT APPROACH / QUALITY CONTROL

**PRINCIPAL LEADERSHIP / DESIGN TEAM**

RODRIGUEZ AND QUIROGA's approach to furnish the City of Key West Architectural Services begins with a design team headed by its principal, Raul L. Rodriguez, AIA who brings his nearly 40 years of hands-on experience in the design of public sector, restoration, rehabilitation, adaptive reuse projects. The firm can offer the hands-on approach of its principal because, by design, it is configured to provide personal attention to its clients by carefully selecting the projects it undertakes.

**PROJECT MANAGEMENT / QUALITY CONTROL**

RODRIGUEZ AND QUIROGA is a project management driven firm. The project manager serves as the Owner's full-time, day-to-day contact, leading the project design team and marshalling the resources of the firm and its consultants on behalf of the Owner. RODRIGUEZ AND QUIROGA's project managers are all experienced, talented, hard working architects who have earned their positions of responsibility by successfully leading complex projects.

RODRIGUEZ AND QUIROGA believes firmly in a system of design quality management controls that have been developed and refined over the entire professional practice of its principal and project managers. Controls assure compliance with each project's requirements for cost, quality, and schedule control.

**PROGRAM VERIFICATION PHASE**

RODRIGUEZ AND QUIROGA believes architecture combines *the art of response* and *the science of building*. Working with the Owner, the design team will review the programmatic information prepared for this project and develop a design proposal that addresses urban design, site design, building design, construction processes and cost management.

**DESIGN PHASES / CONSTRUCTION COST VERIFICATION**

RODRIGUEZ AND QUIROGA's philosophy is that *architects recommend, owners decide*. The design team's recommendations will include the highest and best use of the allocated Construction Cost Budget to provide practical solutions for the project's objectives. Financial and schedule controls are not limitations to creativity, but an essential component to design.

RODRIGUEZ AND QUIROGA its engineering and cost estimators commence cost control immediately upon issuance of a Notice to Proceed and utilize both computer pricing and conventional take-offs. In order to properly control costs, careful monitoring of the various engineering elements is performed throughout all phases of design. This has resulted in a current average bid spread of less than 6%. Drawings and estimates are reviewed during each phase of the project by a team comprised of the architect, engineers and cost estimators by discipline in order to assure that the project objectives are being met. By utilizing proven cost and quality control procedures, the change orders during construction of projects have averaged less than 7/10 of 1%, thus, demonstrating the quality of service.

## APPENDIX

RODRIGUEZ AND QUIROGA  
ARCHITECTS CHARTERED

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APPENDIX

1. Addendum I
2. Anti-Kickback Affidavit
3. Public Entity Crimes Certification
4. Domestic Partner Affidavit
5. Licenses
6. Insurance
7. References
8. LEED



**THE CITY OF KEY WEST**

3140 Flagler Ave  
Key West, Florida 33040

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

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

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

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

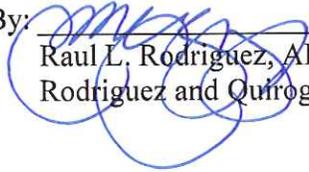
Signature 

Rodriguez and Quiroga Architects Chartered  
Name of Business

**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:   
Raul L. Rodriguez, AIA, President  
Rodriguez and Quiroga Architects Chartered

Sworn and subscribed before me this

10 day of December, 2012.

Marilyn C. Fonts   
NOTARY PUBLIC, State of Florida at Large

My Commission Expires: November 19, 2014



**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  
The City of Key West, Architectural Services: Key West City Hall

2. This sworn statement is submitted by Rodriguez and Quiroga Architects Chartered  
(Name of entity submitting sworn statement)

whose business address is 2100 Ponce de Leon Boulevard, Mezzanine  
Coral Gables, FL 33134 and (if applicable) its Federal  
Employer Identification Number (FEIN) is 59 2277900 (If the entity has no FEIN,  
include the Social Security Number of the individual signing this sworn statement.)

3. My name is Raul L. Rodriguez, AIA and my relationship to  
(Please print name of individual signing)

the entity named above is 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 the 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 Miami-Dade

PERSONALLY APPEARED BEFORE ME, the undersigned authority,

Raul L. Rodriguez, AIA who, after first being sworn by me, affixed his/her signature in the  
(Name of individual signing)

space provided above on this 10 day of December, 20 12.

My commission expires: November 19, 2014  
NOTARY PUBLIC

[Signature]





**City Ordinance Sec. 2-799**

**Requirements for City Consultants to Provide Equal Benefits for Domestic Partners**

(a) Definitions. For purposes of this section only, the following definitions shall apply:

- (1) **Benefits** means the following plan, program or policy provided or offered by a Consultant to its employees as part of the employer's total compensation package: sick leave, bereavement leave, family medical leave, and health benefits.
- (2) **RFQ** shall mean a competitive RFQ procedure established by the city through the issuance of an invitation to RFQ, request for responses, request for qualifications, or request for letters of interest.
- (3) **Cash equivalent** means the amount of money paid to an employee with a domestic partner in lieu of providing benefits to the employee's domestic partner. The cash equivalent is equal to the employer's direct expense of providing benefits to an employee for his or her spouse.

The cash equivalents of the following benefits apply:

- a. For bereavement leave, cash payment for the number of days that would be allowed as paid time off for the death of a spouse. Cash payment would be in the form of the wages of the domestic partner employee for the number of days allowed.
  - b. For health benefits, the cost to the Consultant of the Consultant's share of the single monthly premiums that are being paid for the domestic partner employee, to be paid on a regular basis while the domestic partner employee maintains such insurance in force for himself or herself.
  - c. For family medical leave, cash payment for the number of days that would be allowed as time off for an employee to care for a spouse who has a serious health condition. Cash payment would be in the form of the wages of the domestic partner employee for the number of days allowed.
- (4) **Contract** means any written agreement, purchase order, standing order or similar instrument entered into pursuant to the award of a RFQ whereby the city is committed to expend or does expend funds in return for work, labor, professional services, consulting services, supplies, equipment, materials, construction, construction related services or any combination of the foregoing.
  - (5) **Consultant** means any person or persons, sole proprietorship, partnership, joint venture, corporation, or other form of doing business, that is awarded a RFQ and enters into a covered contract with the city, and which maintains five (5) or more full-time employees.
  - (6) **Covered contract** means a contract between the city and a Consultant awarded subsequent to the date when this section becomes effective valued at over twenty thousand dollars (\$20,000).
  - (7) **Domestic partner** shall mean any two adults of the same or different sex, who have registered as domestic partners with a governmental body pursuant to state or

local law authorizing such registration, or with an internal registry maintained by the employer of at least one of the domestic partners. A Consultant may institute an internal registry to allow for the provision of equal benefits to employees with domestic partner who do not register their partnerships pursuant to a governmental body authorizing such registration, or who are located in a jurisdiction where no such governmental domestic partnership registry exists. A Consultant that institutes such registry shall not impose criteria for registration that are more stringent than those required for domestic partnership registration by the City of Key West pursuant to Chapter 38, Article V of the Key West Code of Ordinances.

- (8) ***Equal benefits*** mean the equality of benefits between employees with spouses and employees with domestic partners, and/or between spouses of employees and domestic partners of employees.

(b) Equal benefits requirements.

- (1) Except where otherwise exempt or prohibited by law, a Consultant awarded a covered contract pursuant to a RFQ process shall provide benefits to domestic partners of its employees on the same basis as it provides benefits to employees' spouses.
- (2) All RFQ requests for covered contracts which are issued on or after the effective date of this section shall include the requirement to provide equal benefits in the procurement specifications in accordance with this section.
- (3) The city shall not enter into any covered contract unless the Consultant certifies that such Consultant does not discriminate in the provision of benefits between employees with domestic partners and employees with spouses and/or between the domestic partners and spouses of such employees.
- (4) Such certification shall be in writing and shall be signed by an authorized officer of the Consultant and delivered, along with a description of the Consultant's employee benefits plan, to the city's procurement director prior to entering into such covered contract.
- (5) The city manager or his/her designee shall reject a Consultant's certification of compliance if he/she determines that such Consultant discriminates in the provision of benefits or if the city manager or designee determines that the certification was created, or is being used for the purpose of evading the requirements of this section.
- (6) The Consultant shall provide the city manager or his/her designee, access to its records for the purpose of audits and/or investigations to ascertain compliance with the provisions of this section, and upon request shall provide evidence that the Consultant is in compliance with the provisions of this section upon each new RFQ, contract renewal, or when the city manager has received a complaint or has reason to believe the Consultant may not be in compliance with the provisions of this section. This shall include but not be limited to providing the city manager or his/her designee with certified copies of all of the Consultant's records pertaining to its benefits policies and its employment policies and practices.

- (7) The Consultant may not set up or use its contracting entity for the purpose of evading the requirements imposed by this section.
- (c) Mandatory contract provisions pertaining to equal benefits. Unless otherwise exempt, every covered contract shall contain language that obligates the Consultant to comply with the applicable provisions of this section. The language shall include provisions for the following:
- (1) During the performance of the covered contract, the Consultant certifies and represents that it will comply with this section.
  - (2) The failure of the Consultant to comply with this section will be deemed to be a material breach of the covered contract.
  - (3) If the Consultant fails to comply with this section, the city may terminate the covered contract and all monies due or to become due under the covered contract may be retained by the city. The city may also pursue any and all other remedies at law or in equity for any breach.
  - (4) If the city manager or his designee determines that a Consultant has set up or used its contracting entity for the purpose of evading the requirements of this section, the city may terminate the covered contract.
- (d) Enforcement. If the Consultant fails to comply with the provisions of this section:
- (1) The failure to comply may be deemed to be a material breach of the covered contract; or
  - (2) The city may terminate the covered contract; or
  - (3) Monies due or to become due under the covered contract may be retained by the city until compliance is achieved; or
  - (4) The city may also pursue any and all other remedies at law or in equity for any breach;
  - (5) Failure to comply with this section may also subject Consultant to the procedures set forth in Division 5 of this article, entitled "Debarment of Consultants from city work."
- (e) Exceptions and waivers.

The provisions of this section shall not apply where:

- (1) The Consultant does not provide benefits to employees' spouses.
- (2) The Consultant is a religious organization, association, society or any non-profit charitable or educational institution or organization operated, supervised or controlled by or in conjunction with a religious organization, association or society.
- (3) The Consultant is a governmental entity.
- (4) The sale or lease of city property.

- (5) The provision of this section would violate grant requirement, the laws, rules or regulations of federal or state law (for example, The acquisition services procured pursuant to Chapter 287.055, Florida Statutes known as the "Consultants' Competitive Negotiation Act").
- (6) Provided that the Consultant does not discriminate in the provision of benefits, a Consultant may also comply with this section by providing an employee with the cash equivalent of such benefits, if the city manager or his/her designee determines that either:
  - a. The Consultant has made a reasonable yet unsuccessful effort to provide equal benefits. The Consultant shall provide the city manager or his/her designee with sufficient proof of such inability to provide such benefit or benefits which shall include the measures taken to provide such benefits or benefits and the cash equivalent proposed, along with its certificate of compliance, as is required under this section.
- (7) The city commission waives compliance of this section in the best interest of the city, including but not limited to the following circumstances:
  - a. The covered contract is necessary to respond to an emergency.
  - b. Where only one RFQ response is received.
  - c. Where more than one response is received, but the responses demonstrate that none of the Respondents can comply with the requirements of this section.
- (f) City's authority to cancel contract. Nothing in this section shall be construed to limit the city's authority to cancel or terminate a contract, deny or withdraw approval to perform a subcontract or provide supplies, issue a non-responsibility finding, issue a non-responsiveness finding, deny a person or entity prequalification, or otherwise deny a person or entity city business.
- (g) Timing of application. This section shall be applicable only to covered contracts awarded pursuant to RFQs which are after the date when this section becomes effective.

5. FLORIDA PROFESSIONAL LICENSE / OCCUPATIONAL LICENSES / CERTIFICATIONS

RODRIGUEZ AND QUIROGA ARCHITECTS CHARTERED

AC# 5368348 STATE OF FLORIDA  
 DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION  
 BOARD OF ARCHITECTURE & INTERIOR DESIGN SEQ# L10120400313

DATE	BATCH NUMBER	LICENSE NBR
12/04/2010	100251304	AAC001007

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

RODRIGUEZ & QUIROGA ARCHITECTS  
 CHARTERED  
 2100 PONCE DE LEON BLVD  
 MEZZANINE  
 CORAL GABLES FL 33134

CHARLIE CRIST GOVERNOR CHARLIE LIEM SECRETARY  
 DISPLAY AS REQUIRED BY LAW

AC# 5368340 STATE OF FLORIDA  
 DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION  
 BOARD OF ARCHITECTURE & INTERIOR DESIGN SEQ# L10120400305

DATE	BATCH NUMBER	LICENSE NBR
12/04/2010	100251295	AR0006237

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

RODRIGUEZ, RAUL L.  
 2100 PONCE DE LEON BLVD  
 MEZZANINE  
 CORAL GABLES FL 33134

CHARLIE CRIST GOVERNOR CHARLIE LIEM SECRETARY  
 DISPLAY AS REQUIRED BY LAW

AC# 5368322 STATE OF FLORIDA  
 DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION  
 BOARD OF ARCHITECTURE & INTERIOR DESIGN SEQ# L10120400287

DATE	BATCH NUMBER	LICENSE NBR
12/04/2010	100251302	AR0011561

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

ALBEIRUS, MIRTHA  
 2100 PONCE DE LEON BLVD  
 SUITE MEZZANINE  
 CORAL GABLES FL 33134

CHARLIE CRIST GOVERNOR CHARLIE LIEM SECRETARY  
 DISPLAY AS REQUIRED BY LAW

CITY OF CORAL GABLES, FLORIDA  
 LOCAL BUSINESS TAX RECEIPT  
 ANNUAL FIRE INSPECTION FEE RECEIPT  
 THIS IS NOT A BILL-DO NOT PAY 2012-2013

BUSINESS NAME: RODRIGUEZ AND QUIROGA ARCHITECTS CHARTERED LOCATION: 2100 PONCE DE LEON BLVD  
 DBA NAME: RODRIGUEZ AND QUIROGA ARCHITECTS CHARTERED 200

CLASSIFICATION	NO. OF UNITS	UNIT DESCRIPTION	AMOUNT PAID
1	1	PROFESSIONAL-SVC-PLA, LLC, ETC	\$ 338.00
2			
3			
4			
5			
6			

SQUARE FOOTAGE OF SPACE: 8000 BUSINESS TAX RECEPT RENEWAL  
 \*\* This receipt does not constitute authority to begin operating at this location without a Certificate of Use and Inspection Approval \*\* VALID ONLY AT LOCATION ABOVE RECEIPT EXPIRES 08/30/2013

CITY OF CORAL GABLES, FLORIDA  
 LOCAL BUSINESS TAX RECEIPT  
 THIS IS NOT A BILL-DO NOT PAY 2012-2013

BUSINESS NAME: RAUL L RODRIGUEZ LOCATION: 2100 PONCE DE LEON BLVD  
 DBA NAME: %RODRIGUEZ AND QUIROGA ARCHITECTS 200

CLASSIFICATION	NO. OF UNITS	UNIT DESCRIPTION	AMOUNT PAID
1	1	ARCHITECT	\$ 179.00
2			
3			
4			
5			
6			

BUSINESS TAX RECEPT RENEWAL  
 \*\* This receipt does not constitute authority to begin operating at this location without a Certificate of Use and Inspection Approval \*\* VALID ONLY AT LOCATION ABOVE RECEIPT EXPIRES 08/30/2013

CITY OF CORAL GABLES, FLORIDA  
 LOCAL BUSINESS TAX RECEIPT  
 THIS IS NOT A BILL-DO NOT PAY 2012-2013

BUSINESS NAME: MIRTHA ALBEIRUS LOCATION: 2100 PONCE DE LEON BLVD  
 DBA NAME: %RODRIGUEZ AND QUIROGA ARCHITECTS 200

CLASSIFICATION	NO. OF UNITS	UNIT DESCRIPTION	AMOUNT PAID
1	1	ARCHITECT	\$ 179.00
2			
3			
4			
5			
6			

BUSINESS TAX RECEPT RENEWAL  
 \*\* This receipt does not constitute authority to begin operating at this location without a Certificate of Use and Inspection Approval \*\* VALID ONLY AT LOCATION ABOVE RECEIPT EXPIRES 08/30/2013

MIAMI-DADE COUNTY 2012 LOCAL BUSINESS TAX RECEIPT 2013 FIRST-CLASS U.S. POSTAGE PAID MIAMI, FL PERMIT NO. 23  
 TAX COLLECTOR 140 W. FLAGLER ST. 1ST FLOOR MIAMI, FL 33130  
 MIAMI-DADE COUNTY - STATE OF FLORIDA EXPIRES SEPT. 30, 2013  
 MUST BE DISPLAYED AT PLACE OF BUSINESS PURSUANT TO COUNTY CODE CHAPTER 8A - ART. 9 & 10

111383-6 THIS IS NOT A BILL - DO NOT PAY RENEWAL RECEIPT NO. 111383-6  
 BUSINESS NAME / LOCATION: RODRIGUEZ & QUIROGA ARCHITECTS CHARTERED 2100 PONCE DE LEON BLVD MEZZ 33134 CORAL GABLES  
 OWNER: RODRIGUEZ & QUIROGA ARCHITECTS EMPLOYEE/S 4  
 Sec. Type of Business: 212 P.A./CORP/PARTNERSHIP/FIRM

THIS IS ONLY A LOCAL BUSINESS TAX RECEIPT. IT DOES NOT PERMIT THE HOLDER TO VIOLATE ANY EXISTING REGULATORY OR ZONING LAWS OF THE COUNTY OR CITIES. NOR DOES IT EXEMPT THE HOLDER FROM ANY OTHER FEES OR LICENSES REQUIRED BY LAW. THIS IS NOT A CERTIFICATION OF THE HOLDER'S QUALIFICATIONS.  
 DO NOT FORWARD

RODRIGUEZ & QUIROGA ARCHITECTS CHARTERED  
 2100 PONCE DE LEON BLVD MEZZANINE  
 CORAL GABLES FL 33134

PAYMENT RECEIVED MIAMI-DADE COUNTY TAX COLLECTOR  
 07/24/2012 60070000382 000045.00 2945

MIAMI-DADE COUNTY 2012 LOCAL BUSINESS TAX RECEIPT 2013 FIRST-CLASS U.S. POSTAGE PAID MIAMI, FL PERMIT NO. 23  
 TAX COLLECTOR 140 W. FLAGLER ST. 1ST FLOOR MIAMI, FL 33130  
 MIAMI-DADE COUNTY - STATE OF FLORIDA EXPIRES SEPT. 30, 2013  
 MUST BE DISPLAYED AT PLACE OF BUSINESS PURSUANT TO COUNTY CODE CHAPTER 8A - ART. 9 & 10

102754-9 THIS IS NOT A BILL - DO NOT PAY RENEWAL RECEIPT NO. 102754-9  
 BUSINESS NAME / LOCATION: RODRIGUEZ RAUL L 2100 PONCE DE LEON BLVD MEZZ 33134 CORAL GABLES  
 OWNER: RODRIGUEZ RAUL L EMPLOYEE/S 1  
 Sec. Type of Business: 212 PROFESSIONAL

THIS IS ONLY A LOCAL BUSINESS TAX RECEIPT. IT DOES NOT PERMIT THE HOLDER TO VIOLATE ANY EXISTING REGULATORY OR ZONING LAWS OF THE COUNTY OR CITIES. NOR DOES IT EXEMPT THE HOLDER FROM ANY OTHER FEES OR LICENSES REQUIRED BY LAW. THIS IS NOT A CERTIFICATION OF THE HOLDER'S QUALIFICATIONS.  
 DO NOT FORWARD

RODRIGUEZ RAUL L  
 RODRIGUEZ & QUIROGA ARCHITECTS  
 2100 PONCE DE LEON BLVD MEZZANINE  
 CORAL GABLES FL 33134

PAYMENT RECEIVED MIAMI-DADE COUNTY TAX COLLECTOR  
 07/24/2012 60070000526 000060.00 2965

MIAMI-DADE COUNTY 2012 LOCAL BUSINESS TAX RECEIPT 2013 FIRST-CLASS U.S. POSTAGE PAID MIAMI, FL PERMIT NO. 23  
 TAX COLLECTOR 140 W. FLAGLER ST. 1ST FLOOR MIAMI, FL 33130  
 MIAMI-DADE COUNTY - STATE OF FLORIDA EXPIRES SEPT. 30, 2013  
 MUST BE DISPLAYED AT PLACE OF BUSINESS PURSUANT TO COUNTY CODE CHAPTER 8A - ART. 9 & 10

684772-8 THIS IS NOT A BILL - DO NOT PAY RENEWAL RECEIPT NO. 712195-7  
 BUSINESS NAME / LOCATION: ALBEIRUS MIRTHA 2100 PONCE DE LEON BLVD MEZZ 33134 CORAL GABLES  
 OWNER: ALBEIRUS MIRTHA EMPLOYEE/S 1  
 Sec. Type of Business: 212 PROFESSIONAL

THIS IS ONLY A LOCAL BUSINESS TAX RECEIPT. IT DOES NOT PERMIT THE HOLDER TO VIOLATE ANY EXISTING REGULATORY OR ZONING LAWS OF THE COUNTY OR CITIES. NOR DOES IT EXEMPT THE HOLDER FROM ANY OTHER FEES OR LICENSES REQUIRED BY LAW. THIS IS NOT A CERTIFICATION OF THE HOLDER'S QUALIFICATIONS.  
 DO NOT FORWARD

ALBEIRUS MIRTHA  
 RODRIGUEZ & QUIROGA ARCHITECTS  
 2100 PONCE DE LEON BLVD MEZZ  
 CORAL GABLES FL 33134

PAYMENT RECEIVED MIAMI-DADE COUNTY TAX COLLECTOR  
 07/24/2012 60090000481 000060.00 400

State of Florida  
 Department of State

I certify from the records of this office that RODRIGUEZ AND QUIROGA ARCHITECTS CHARTERED is a corporation organized under the laws of the State of Florida, filed on February 8, 1983.

The document number of this corporation is G23076.

I further certify that said corporation has paid all fees due this office through December 31, 2012, that its most recent annual report was filed on February 21, 2012, and its status is active.

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

Given under my hand and the Great Seal of Florida at Tallahassee, the Capital, this the Sixth day of March, 2012.

Ken Diefen  
 Secretary of State

Address: 1700 BANKERS BUILDING, SUITE 1000, TALLAHASSEE, FL 32304  
 Telephone: 904.488.2000  
 Fax: 904.488.2001  
 Website: www.flstate.gov

# WILLIAM VOGAN ARCHITECTS

AC# 5421597 STATE OF FLORIDA  
 DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION  
 BOARD OF ARCHITECTURE & INTERIOR DESIGN SEQ#L11012001466

DATE	BATCH NUMBER	LICENSE NBR
01/20/2011	1100307566	AR93121

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

VOGAN, WILLIAM GEORGE  
 P O BOX 610823  
 PORT HURON MI 48061

RICK SCOTT GOVERNOR  
 CHARLIE LYEM SECRETARY  
 DISPLAY AS REQUIRED BY LAW

# 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: VOGAN WILLIAM ARCHITECTS, INC. CtINbr:0020826  
 Location Addr: 706 CATHERINE ST  
 Lic Nbr/Class: 13-00025679 SERVICE - PROFESSIONAL  
 Issue Date: November 13, 2012 Expiration Date: September 30, 2013  
 License Fee: \$356.21  
 Add. Charges: \$0.00  
 Penalty: \$46.46  
 Total: \$356.21  
 Comments: ARCHITECTURAL SERVICES

This document must be prominently displayed.  
 VOGAN, WILLIAM  
 VOGAN WILLIAM ARCHITECTS, INC.  
 P.O. 610823  
 PORT HURON MI 48061

# ELIZABETH NEWLAND LANDSCAPE ARCHITECTURE

AC# 5739945 STATE OF FLORIDA  
 DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION  
 BOARD OF LANDSCAPE ARCHITECTURE SEQ#L11091201809

DATE	BATCH NUMBER	LICENSE NBR
09/12/2011	110094296	LC26000434

The LANDSCAPE ARCHITECT BUSINESS  
 Named below HAS REGISTERED  
 Under the provisions of Chapter 481 FS.  
 Expiration date: NOV 30, 2013

ELIZABETH NEWLAND LANDSCAPE ARCHITECTURE LLC  
 P O BOX 140908  
 CORAL GABLES FL 33114

RICK SCOTT GOVERNOR  
 KEN LAWSON SECRETARY  
 DISPLAY AS REQUIRED BY LAW

AC# 5739939 STATE OF FLORIDA  
 DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION  
 BOARD OF LANDSCAPE ARCHITECTURE SEQ#L11091201803

DATE	BATCH NUMBER	LICENSE NBR
09/12/2011	110094454	LA0001288

The LANDSCAPE ARCHITECT  
 Named below HAS REGISTERED  
 Under the provisions of Chapter 481 FS.  
 Expiration date: NOV 30, 2013

NEWLAND, ELIZABETH A  
 P O BOX 140908  
 CORAL GABLES FL 33114

RICK SCOTT GOVERNOR  
 KEN LAWSON SECRETARY  
 DISPLAY AS REQUIRED BY LAW

# 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: ELIZABETH NEWLAND LANDSCAPE AR CtINbr:0021570  
 Location Addr: 2525 PONCE DE LEON BLVD  
 Lic Nbr/Class: 13-00026615 SERVICE - GENERAL  
 Issue Date: July 19, 2012 Expiration Date: September 30, 2013  
 License Fee: \$98.70  
 Add. Charges: \$0.00  
 Penalty: \$0.00  
 Total: \$98.70  
 Comments: LANDSCAPE ARCHITECT

This document must be prominently displayed.  
 NEWLAND ELIZABETH  
 ELIZABETH NEWLAND LANDSCAPE AR  
 P.O. BOX 140908  
 CORAL GABLES FL 33114

Drpt: EML/EBR Type: OC Drawer: 1  
 Mail: 7/24/12 SS Receipt no: 90512  
 ID: 001 25615  
 Lic: LIC 002082610 1 198.70  
 Trans: number: 2380430  
 OK CHECK: 156.70  
 Trans date: 7/24/12 Time: 10:16:00

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

Business Name: ELIZABETH NEWLAND LANDSCAPE ARCHITECTURE LLC  
 Owner Name: ELIZABETH NEWLAND  
 Mailing Address: PO BOX 140908 CORAL GABLES FL 33114  
 Business Location: MO CITY KEY WEST FL 33040  
 Business Type: PROFESSIONALS (LANDSCAPE ARCHITECT)

Rooms	Seats	Employees	Machines	Stalls

STATE LICENSE: LA0001288 LC2

Tax Amount	Transfer Fee	Sub-Tax	Penalty	Prior Years	Collection Cost	Total Paid
30.00	0.00	30.00	0.00	0.00	0.00	30.00

Paid 108-11-00006914 07/17/2012 30.00

**THIS RECEIPT MUST BE POSTED CONSPICUOUSLY IN YOUR PLACE OF BUSINESS**

THIS BECOMES A TAX RECEIPT WHEN VALIDATED  
 Daniel 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 PLANNING AND ZONING REQUIREMENTS.

# PEREZ ENGINEERING & DEVELOPMENT, INC.

State of Florida  
 Board of Professional Engineers  
**Perez Engineering & Development, Inc.**

Is authorized under the provisions of Section 471.04, Florida Statutes, to offer engineering services to the public through a Professional Engineer, duly licensed under Chapter 471, Florida Statutes.

**Certificate of Authorization**

EXPIRATION: 2/28/2013 CA. Lic. No: 8579  
 AUDIT NO: 228201302564

State of Florida  
 Board of Professional Engineers  
 Attest that  
**Allen Emil Perez Jr., P.E.**

IS LICENSED AS A PROFESSIONAL ENGINEER UNDER CHAPTER 471, FLORIDA STATUTES  
 EXPIRATION: 2/28/2013 P.E. Lic. No: 51468  
 AUDIT NO: 228201323322

**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: PEREZ ENGINEERING & DEVELOPMENT CtINbr:0009985  
 Location Addr: 1010 KENNEDY DR  
 Lic Nbr/Class: 13-00017095 SERVICE - PROFESSIONAL  
 Issue Date: September 04, 2012 Expiration Date: September 30, 2013  
 License Fee: \$309.75  
 Add. Charges: \$0.00  
 Penalty: \$0.00  
 Total: \$309.75  
 Comments: CIVIL ENGINEER

This document must be prominently displayed.  
 PEREZ, ALLEN  
 PEREZ ENGINEERING & DEVELOPMENT  
 1010 KENNEDY DR STE 201  
 KEY WEST FL 33040

Drpt: EML/EBR Type: OC Drawer: 1  
 Mail: 9/04/12 SS Receipt no: 105132  
 ID: 2013 17095  
 Lic: LIC 000947010 1 309.75  
 Trans: number: 281829  
 OK CHECK: 6715 309.75  
 Trans date: 9/04/12 Time: 12:28:30

State of Florida  
 Department of State

I certify from the records of this office that PEREZ ENGINEERING & DEVELOPMENT, INC. is a corporation organized under the laws of the State of Florida, filed on March 19, 1999.

The document number of this corporation is P9000025578.

I further certify that said corporation has paid all fees due this office through December 31, 2012, that its most recent annual report was filed on April 26, 2012, and its status is active.

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

Given under my hand and the Great Seal of Florida, at Tallahassee, the 4 day of April, 2012.

Ken Dutton  
 Secretary of State

Electronic ID: 481028261407121 P9000025578  
 To determine the validity of the following on-line state tax fee and fee status, the business receipt:  
<http://file.usable.org/varturbar.html>

DDA ENGINEERS, PA

**State of Florida**  
Board of Professional Engineers  
**DDA Engineers P.A.**

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

**Certificate of Authorization**

EXPIRATION: 2/28/2013 CA. LIC. NO: 1306  
AUDIT NO: 228201301033

**State of Florida**  
Board of Professional Engineers  
*Attests that*  
**Pedro Jose Duquesne, P.E.**  
**Special Inspector**

IS LICENSED AS A PROFESSIONAL ENGINEER UNDER CHAPTER 471, FLORIDA STATUTES

EXPIRATION: 2/28/2013 P.E. LIC. NO: 22764  
AUDIT NO: 228201329549 SI S.I. LIC. NO: 77

MIAMI-DADE COUNTY 2012 LOCAL BUSINESS TAX RECEIPT 2013 FIRST-CLASS U.S. POSTAGE PAID MIAMI, FL PERMIT NO. 231  
TAX COLLECTOR 140 W. FLAGLER ST. 131 FLOOR MIAMI, FL 33130  
MIAMI-DADE COUNTY - STATE OF FLORIDA EXPIRES SEPT. 30, 2013  
MUST BE DISPLAYED AT PLACE OF BUSINESS PURSUANT TO COUNTY CODE CHAPTER 8A - ART. 9 & 10

**THIS IS NOT A BILL - DO NOT PAY**

576550-9 RENEWAL RECEIPT NO. 223631-3  
BUSINESS NAME / LOCATION DDA ENGINEERS P A 4930 SW 74 CT 33155 UNIN DADE COUNTY  
OWNER DDA ENGINEERS P A  
Sec. Type of Business 212 P.A./CORP/PARTNERSHIP/FIRM EMPLOYEE/S 4

**DO NOT FORWARD**

DDA ENGINEERS P A  
4930 SW 74 CT  
MIAMI FL 33155

PAYMENT RECEIVED MIAMI-DADE COUNTY TAX COLLECTOR  
08/22/2012  
60060000313  
000075.00

MIAMI-DADE COUNTY 2012 LOCAL BUSINESS TAX RECEIPT 2013 FIRST-CLASS U.S. POSTAGE PAID MIAMI, FL PERMIT NO. 231  
TAX COLLECTOR 140 W. FLAGLER ST. 131 FLOOR MIAMI, FL 33130  
MIAMI-DADE COUNTY - STATE OF FLORIDA EXPIRES SEPT. 30, 2013  
MUST BE DISPLAYED AT PLACE OF BUSINESS PURSUANT TO COUNTY CODE CHAPTER 8A - ART. 9 & 10

**THIS IS NOT A BILL - DO NOT PAY**

212598-7 RENEWAL RECEIPT NO. 097606-9  
BUSINESS NAME / LOCATION DUQUESNE PEDRO JOSE PE 4930 SW 74 CT 33155 UNIN DADE COUNTY  
OWNER DUQUESNE PEDRO JOSE PE  
Sec. Type of Business 212 PROFESSIONAL

**DO NOT FORWARD**

DUQUESNE PEDRO JOSE PE  
DONNELL DUQUESNE & ALBAISA PA  
4930 SW 74 CT  
MIAMI FL 33155

PAYMENT RECEIVED MIAMI-DADE COUNTY TAX COLLECTOR  
08/22/2012  
60060000312  
000100.00

**State of Florida**  
Department of State

I certify from the records of this office that DDA ENGINEERS, P.A. is a corporation organized under the laws of the State of Florida, filed on August 9, 1989.

The document number of this corporation is L08168.

I further certify that said corporation has paid all fees due this office through December 31, 2012, that its most recent annual report was filed on March 1, 2012, and its status is active.

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

*Given under my hand and the Great Seal of Florida, at Tallahassee, the Capital, on the First day of March, 2012.*

*Ken Detjen*  
Secretary of State



Authentication ID: 8002294208-000112-L08168  
To authenticate the certificate visit the following url, enter the ID, and then follow the remaining directions:  
<http://file.usdoj.org/certificatever.html>

FRAGA ENGINEERS LLC

**State of Florida**  
Board of Professional Engineers  
**Fraga Engineers LLC**

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

**Certificate of Authorization**

EXPIRATION: 2/28/2013 CA. Lic. No: 28966  
AUDIT NO: 228201300967 28966

**State of Florida**  
Board of Professional Engineers  
Attests that  
**Irene F. Fraga, P.E.**

IS LICENSED AS A PROFESSIONAL ENGINEER UNDER CHAPTER 471, FLORIDA STATUTES  
EXPIRATION: 2/28/2013 P.E. Lic. No: 19922  
AUDIT NO: 228201309672 19922

**State of Florida**  
Board of Professional Engineers  
Attests that  
**Cristina Santa-Cruz, P.E.**

IS LICENSED AS A PROFESSIONAL ENGINEER UNDER CHAPTER 471, FLORIDA STATUTES  
EXPIRATION: 2/28/2013 P.E. Lic. No: 59489  
AUDIT NO: 228201310569 59489

**CITY OF CORAL GABLES, FLORIDA**  
LOCAL BUSINESS TAX RECEIPT  
ANNUAL FIRE INSPECTION FEE RECEIPT  
THIS IS NOT A BILL-DO NOT PAY  
2012-2013

CLASSIFICATION: 1 PROFESSIONAL SVC-PA, LLC, ETC NO. OF UNITS UNIT DESCRIPTION AMOUNT PAID: \$ 298.00  
2  
3  
4  
5  
6

SQUARE FOOTAGE OF SPACE: 1699 BUSINESS TAX RECEIPT RENEWAL  
\*\*This receipt does not constitute authority to begin operating at this location without a Certificate of Use and Inspection Approval.\*\* VALID ONLY AT LOCATION ABOVE RECEIPT EXPIRES 09/30/2013

**CITY OF CORAL GABLES, FLORIDA**  
LOCAL BUSINESS TAX RECEIPT  
ANNUAL FIRE INSPECTION FEE RECEIPT  
THIS IS NOT A BILL-DO NOT PAY  
2012-2013

CLASSIFICATION: 1 PROFESSIONAL SVC-PA, LLC, ETC NO. OF UNITS UNIT DESCRIPTION AMOUNT PAID: \$ 298.00  
2  
3  
4  
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SQUARE FOOTAGE OF SPACE: 1699 BUSINESS TAX RECEIPT RENEWAL  
\*\*This receipt does not constitute authority to begin operating at this location without a Certificate of Use and Inspection Approval.\*\* VALID ONLY AT LOCATION ABOVE RECEIPT EXPIRES 09/30/2013

MIAMI-DADE COUNTY 2012 LOCAL BUSINESS TAX RECEIPT 2013 FIRST-CLASS U.S. POSTAGE PAID MIAMI, FL PERMIT NO. 231  
TAX COLLECTOR 190 W. FLAGLER ST. 1st FLOOR MIAMI, FL 33130  
MIAMI-DADE COUNTY - STATE OF FLORIDA EXPIRES SEPT. 30, 2013  
MUST BE DISPLAYED AT PLACE OF BUSINESS PURSUANT TO COUNTY CODE CHAPTER 6A - ART. 9 & 10

648894-4 THIS IS NOT A BILL - DO NOT PAY RENEWAL RECEIPT NO. 675086-7  
BUSINESS NAME / LOCATION FRAGA ENGINEERS LLC 890  
135 SAN LORENZO AVE 33146 CORAL GABLES

OWNER FRAGA ENGINEERS LLC  
Sec. Type of Business 212 P.A./CORP/PARTNERSHIP/FIRM EMPLOYEE/S 7

THIS IS ONLY A LOCAL BUSINESS TAX RECEIPT. IT DOES NOT PERMIT THE HOLDER TO VIOLATE ANY EXISTING REGULATIONS OR COUNTY LAWS OF THE COUNTY. IT DOES NOT HOLDERS FROM ANY OTHER PERMIT OR LICENSE REQUIRED BY LAW. THIS IS NOT A SUBSTITUTION OF THE HOLDERS QUALIFICATIONS.

FRAGA ENGINEERS LLC  
IRENE FRAGA MGR  
135 SAN LORENZO AVE # 890  
CORAL GABLES FL 33146

PAYMENT RECEIVED MIAMI-DADE COUNTY TAX COLLECTOR  
07/19/2012  
6010006027  
000045.00

SEE OTHER SIDE

MIAMI-DADE COUNTY 2012 LOCAL BUSINESS TAX RECEIPT 2013 FIRST-CLASS U.S. POSTAGE PAID MIAMI, FL PERMIT NO. 231  
TAX COLLECTOR 190 W. FLAGLER ST. 1st FLOOR MIAMI, FL 33130  
MIAMI-DADE COUNTY - STATE OF FLORIDA EXPIRES SEPT. 30, 2013  
MUST BE DISPLAYED AT PLACE OF BUSINESS PURSUANT TO COUNTY CODE CHAPTER 6A - ART. 9 & 10

648896-9 THIS IS NOT A BILL - DO NOT PAY RENEWAL RECEIPT NO. 222272-7  
BUSINESS NAME / LOCATION FRAGA IRENE 890  
135 SAN LORENZO AVE 33146 CORAL GABLES

OWNER FRAGA IRENE  
Sec. Type of Business 212 PROFESSIONAL

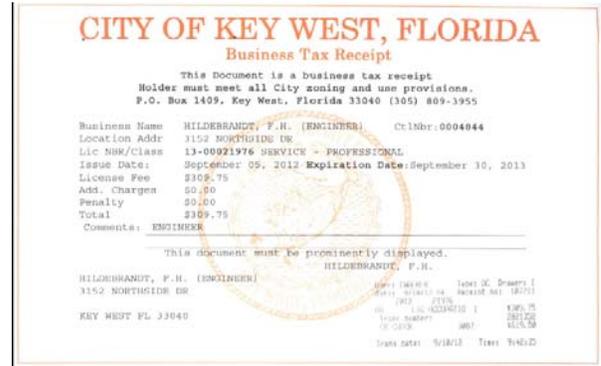
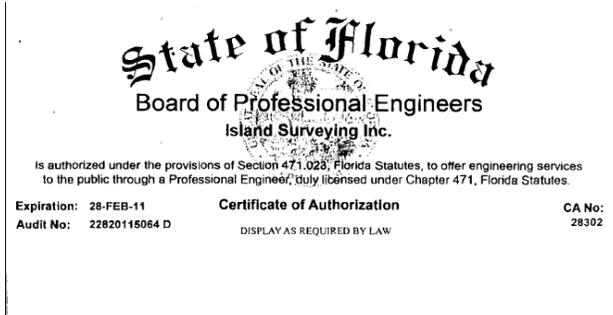
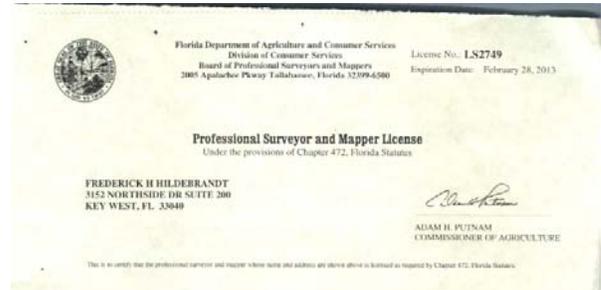
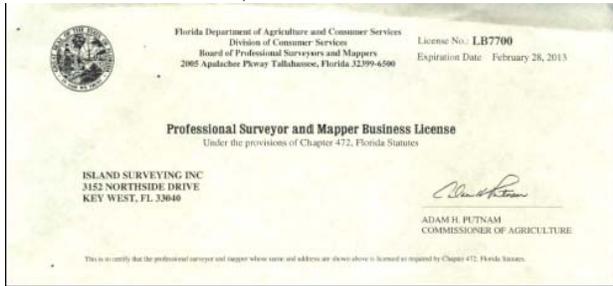
THIS IS ONLY A LOCAL BUSINESS TAX RECEIPT. IT DOES NOT PERMIT THE HOLDER TO VIOLATE ANY EXISTING REGULATIONS OR COUNTY LAWS OF THE COUNTY. IT DOES NOT HOLDERS FROM ANY OTHER PERMIT OR LICENSE REQUIRED BY LAW. THIS IS NOT A SUBSTITUTION OF THE HOLDERS QUALIFICATIONS.

FRAGA IRENE  
FRAGA ENGINEERS LLC  
135 SAN LORENZO AVE # 890  
CORAL GABLES FL 33146

PAYMENT RECEIVED MIAMI-DADE COUNTY TAX COLLECTOR  
07/18/2012  
6001000515  
000060.00

SEE OTHER SIDE

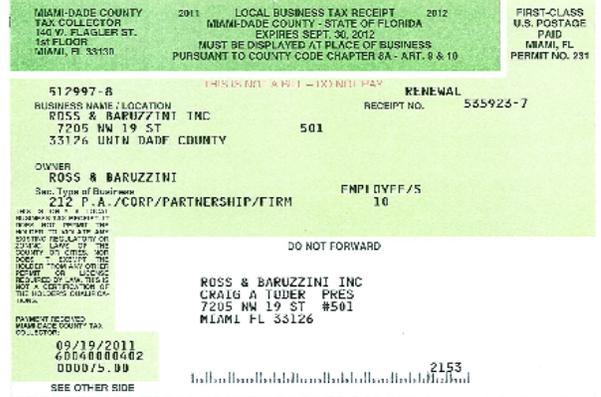
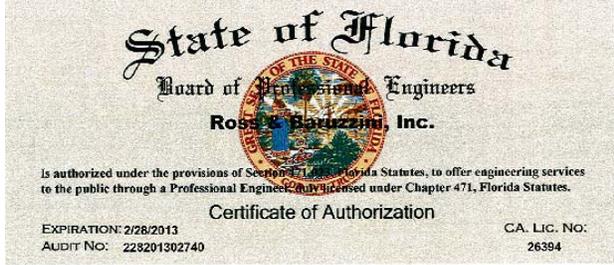
**ISLAND SURVEYING, INC.**



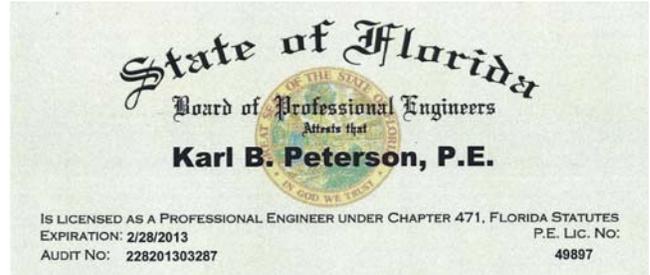
**VERTICAL V SOUTHEAST**



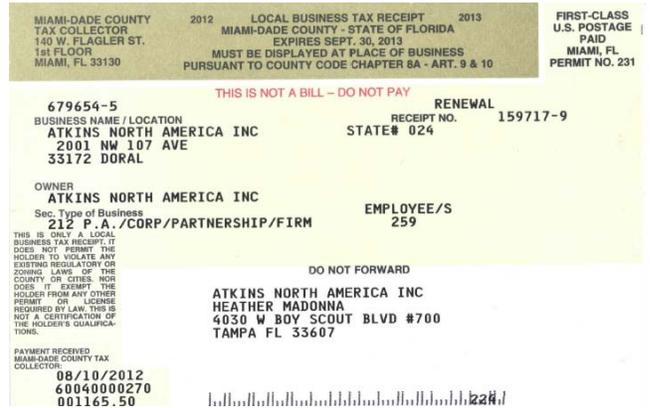
ROSS & BARUZZINI, INC.



TRAF TECH



ATKINS



**RODRIGUEZ AND QUIROGA**  
ARCHITECTS CHARTERED

6. INSURANCE

RODRIGUEZ AND QUIROGA carries liability insurance coverage as follows:

Auto Liability	\$1,000,000	Combined Single Limit
General Liability	\$2,000,000	Aggregate (per project)
	\$2,000,000	Products Aggregate
	\$1,000,000	Any One Occurrence
	\$1,000,000	Personal Injury
	\$ 300,000	Fire Damage / Legal
Professional Liability	\$2,500,000	Per Claim / Aggregate
*Additional Umbrella Liability	\$1,000,000	Occurrence / Aggregate

\* RODRIGUEZ AND QUIROGA currently carries umbrella liability insurance coverage of \$1M.

RODRIGUEZ AND QUIROGA will obtain additional coverage as required from its current insurance carrier up to the limits specified in the contract, as of the effective date of the contract.

RODRIGUEZ AND QUIROGA  
ARCHITECTS CHARTERED

7. REFERENCES

Frank Toppino  
President/CEO  
Charlie Toppino & Sons, Inc.  
PO Box 787  
**Key West, FL 33041**  
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(305) 797-5847(mobile)  
[toppdp@aol.com](mailto:toppdp@aol.com)

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Waste Management  
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Florida State University  
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(850) 644-1085  
[dalembert@fsu.edu](mailto:dalembert@fsu.edu)

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United States District Judge  
United States Courthouse  
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Federal Justice Bldg.  
Miami, FL 33132  
(305) 523-5000  
[king@flsd.uscourts.gov](mailto:king@flsd.uscourts.gov)

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(305) 237-3226  
[gguarch@mdc.edu](mailto:gguarch@mdc.edu)

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[aubals@dadeschools.net](mailto:aubals@dadeschools.net)

8. LEED CERTIFICATIONS

