



COPY

Due date: February 16, 2018

CITY OF FORT LAUDERDALE

Fort Lauderdale Aquatic Center Renovation

RFP # 12072-483



Design-Build Team

633 South Federal Highway, Suite 500 Fort Lauderdale, Florida 33301

P: 954 492 9191 F: 954 492 9192

CAM #18-0726
Exhibit 5 (Part A)
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- Non-Collusion	
- Questionnaire	
- Proposal Certification (Construction Bid Certification)	
- Prime Contractor Identification	
- Local Business Price Preference Certification Statement	
- Certificate of Compliance with Non-Discrimination	
Certification Provisions	
- Bid Bond - (Original included in separate sealed envelope)	
Attachment A - Design Drawings	N/A



COMPLIANCE WITH THE MINIMUM QUALIFICATIONS

Our Team is in full compliance with the City's Minimum Qualifications outlined in Section 3.4 of the RFP.

a) Firm must be registered as legal entity in State of Florida.	Gulf, PGAL and WTI are all registered with the State of Florida. See pages 7-9 for copies of Certificates
b) Firm engineer of record must have a current Florida active license as a professional engineer.	See pages 20-24 for copies of Licenses
c) Firm contractor must have a current Florida active certified general contractor's license with unlimited building classification.	See page 11 for copies of Licenses
d) Capacity to provide performance and payment bonds.	See the letter on page 18 stating capacity to provide a Performance and Payment Bond on this project.
e) Capacity to meet City's insurance requirements.	See pages 15-17 for copies of Insurance Certificates
f) Firm or principals shall have no record of judgments, pending lawsuits against the City or criminal activities involving moral turpitude with no conflicts of interest that have not been waived by the City Commission.	Confirmed
g) A person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a proposal on a contract to provide any goods or services to a public entity, may not submit a proposal/bid on a contract with a public entity for the construction or repair of a public building or public work, may not submit bids or leases of real property to a public entity, may not be awarded or perform work as a Contractor, supplier, subcontractor, or consultant under a contract with any public entity, and may not transact business with any public entity in excess of the threshold amount provided in Section 287.017, Florida Statutes, for category two for a period of thirty-six (36) months from the date of being placed on the convicted vendor list.	Confirmed
h) Neither Firm nor any principal, officer, or stockholder shall be in arrears or in default of any debt or contract involving the City (as a party to a contract, or otherwise), nor have failed to perform faithfully on any previous contract with the City.	Confirmed
i) Firm must have completed successfully at least two (2) projects similar in size and nature within the past five (5) years.	See pages 26-38 for similar projects completed in past five (5) years.
j) The proposed team must have worked together and completed at least one (1) project as a team.	See page 41 for projects completed by team members.
k) Submit three references of projects that are similar with full contact info.	See pages 84-85 for references.



1. PROPOSAL CONTACT PERSON INFORMATION

Gulf/PGAL/WTI is an integrated design-build team consisting of Lead Design-Builder, Gulf Building LLC; Architect of Record, PGAL; and Aquatic Consultant, WTI. The qualifications of each firm are highlighted throughout our submittal.



GULF BUILDING

Lead Design-Builder

Legal Name of Proposer:	Gulf Building LLC
FEIN Number:	65-0290172
Address:	633 South Federal Highway, #500 Fort Lauderdale, FL 33301
Contact/Title:	John Scherer, President
Email:	johns@gulfbuilding.com
Phone/Fax:	954.492.9191 / 954.492.9192



Architect of Record

Legal Name of Proposer:	Pierce, Goodwin, Alexander and Linville
FEIN Number:	76-029-1476
Address:	791 Park of Commerce Blvd., Suite 200 Boca Raton, Florida 33487
Contact/Title:	Ian A. Nestler, AIA, LEED AP, Principal/ Executive Vice President
Email:	inestler@pgal.com
Phone/Fax:	561.988.4002 / N/A



Aquatic Consultant

Legal Name of Proposer:	Water Technology, Inc.
FEIN Number:	39-1466848
Address:	100 Park Avenue Beaver Dam, WI 53916
Contact/Title:	Steve Crocker, Director of Sports Swimming
Email:	scrocker@wtiworld.com
Phone/Fax:	920.344.3132 / 866.240.7328

Please see pages 91-93 for a copies of the completed Signature Form Page (Construction Bid Certification).



2. QUALIFICATIONS OF FIRM

Business Structure

Introduction Narrative/Qualifications of Firms

Gulf/PGAL/WTI have teamed to provide the City of Fort Lauderdale (City) with an accomplished team of design, construction and engineering professionals who possess the experience, knowledge, and have the resources necessary for the successful completion of the Fort Lauderdale Aquatic Center Renovations. The team includes Stantec for Civil Engineering; S&F Engineers for Structural Engineering and Hammond Engineering for MEP/Fire Protection. The combined knowledge and experience of these firms can assure the City that they are getting a top-notch team of professionals who can successfully deliver a quality project.

Team Organization and Structure





2. QUALIFICATIONS OF FIRM

Business Structure

Introduction Narrative/Qualifications of Firm

GULF BUILDING LLC - LEAD DB CONTRACTOR



GULF BUILDING

Gulf began as a Florida Corporation in 1991 and, since its inception, has built a solid reputation as a quality builder for clients. Focusing on commercial construction - both private and government sector, the company continues to satisfy Owners and gain repeat customers.

Over the past 26 years, we have successfully grown in the services we provide as well as with our personnel. Gulf maintains a staff of highly knowledgeable employees who stand strong in their disciplines and bring extensive experience in the construction arena. A key to Gulf's success is our commitment to provide quality projects, delivered on-time and within budget. Gulf is a local firm with over 40 employees which is headquartered in Fort Lauderdale and has a branch office in Delray Beach.



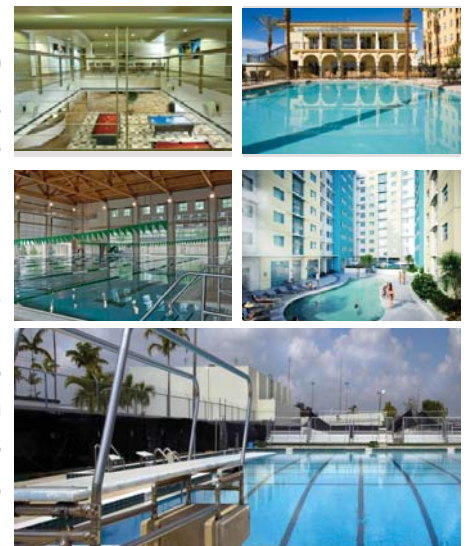
Gulf and it's proposed staff members have experience with aquatic/pool construction, construction on active sites and a long history with the design-build delivery method. Over the course of our history, Gulf has won many awards for our quality construction of projects. One recent award was the ABC Excellence in Construction Eagle Award for the SFRTA Operations Center & Parking Garage and Pompano Beach Tri-Rail Station Improvements. This was a design-build project that included a number of firms on the team we are proposing for this project including: PGAL, S&F Engineers and Hammond Engineering. The awards that we are most proud of are our client's satisfaction and letters of recommendation which can be provided upon request. We have also received many recent accolades from the South Florida Business Journal for 2017 including: named one of the Top General Contractors; named one of the top Private Companies; and named the #10 Fastest Growing Company >\$25M.

PGAL - ARCHITECT OF RECORD



PGAL is an international practice with over 200 professionals offering services in architecture, planning, interior design, engineering and program management, from offices in Boca Raton, FL and nationally. Established 72 years ago, the firm is led by 20 principals active in

their communities, civic associations, alma maters, and professional organizations that benefit their regions and the environment. Sustainable design is the cornerstone of the firm's practice mix with 60 LEED accredited professionals nationwide and over 70 projects certified and registered from Basic to Platinum Certification. In Florida for well over 40 years, the firm offers a specialty niche of projects that range from recreational facilities, public safety buildings, EOC's, fire and police stations to courthouses, cultural centers and parking





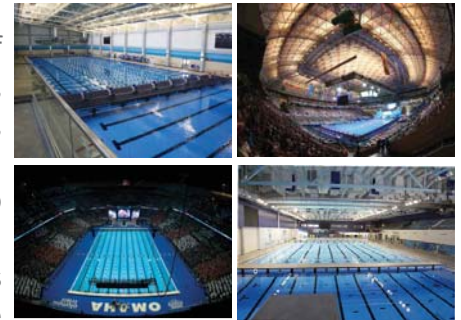
2. QUALIFICATIONS OF FIRM

garages. The firm's approach is to capitalize on the unique qualities of each place to create buildings that respect the existing environment and strengthen the fabric of which they become a part. We believe in producing buildings that use minimal energy and material resources and contribute to their context and provide healthy, inspiring spaces for their occupants. PGAL has received over 200 national, regional and local design awards with projects published extensively. Dedicated to providing optimum services, each person, project and client makes the firm who they are today and continues to lay the foundation for what PGAL will become tomorrow.

WATER TECHNOLOGIES, INC. (WTI) - AQUATIC CONSULTANT



The WTI team is a highly qualified group of individuals comprised of creative architects, landscape architects, engineers, designers, business developers and administrators, all with a passion for aquatics. Together, we combine our talents to develop original, aquatic facilities from concept to reality. In addition, WTI maintains solid relationships with other consultants and contractors and continues to set the standards in the aquatic industry across the United States and around the world. WTI has completed hundreds of successful projects for school districts, swim clubs, and competitive venues. We understand the importance of providing programmable space, fast water, and clean air for swimmers and spectators. PGAL and WTI have completed several project together.



The professional staff at WTI has designed competitive pools which implement the most advanced technology available; movable floors, which change pool depths; movable bulkheads, which split a pool into sections, and allow for flexibility and multi-use; filtration and water treatment, which affect water quality and pool environment; timing systems and displays, which engage the spectators in the competitive events. Our competition pool experts have worked in over 400 communities round the country. They have experience with every size of pool from six-lane by 25 yard pools to world class "Dotted I" 50 meter pools and diving pools with ten meter platforms. Our staff has also designed 70 meter pools that rank with the largest competition pools in the world.

Qualifications of our subconsultants begin on page 19.



2. QUALIFICATIONS OF FIRM

Business Structure

Certification as Corporation

State of Florida Department of State

I certify from the records of this office that GULF BUILDING, LLC is a limited liability company organized under the laws of the State of Florida, filed on April 19, 2010, effective October 4, 1991.

The document number of this limited liability company is L10000042023.

I further certify that said limited liability company has paid all fees due this office through December 31, 2018, that its most recent annual report was filed on February 1, 2018, and that its status is active.

*Given under my hand and the
Great Seal of the State of Florida
at Tallahassee, the Capital, this
the First day of February, 2018*



Ken DeFries
Secretary of State

Tracking Number: CC4618439956

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

<https://services.sunbiz.org/Filings/CertificateOfStatus/CertificateAuthentication>

Gulf Building LLC



GULF BUILDING

Date organized:

October 4, 1991

Corporation number:

L10000042023



2. QUALIFICATIONS OF FIRM

Business Structure

Certification as Corporation

State of Florida Department of State

I certify from the records of this office that PIERCE GOODWIN ALEXANDER & LINVILLE, INC. is a Texas corporation authorized to transact business in the State of Florida, qualified on January 15, 1998.

The document number of this corporation is F98000000329.

I further certify that said corporation has paid all fees due this office through December 31, 2018, that its most recent annual report/uniform business report was filed on January 11, 2018, and that its status is active.

I further certify that said corporation has not filed a Certificate of Withdrawal.

*Given under my hand and the
Great Seal of the State of Florida
at Tallahassee, the Capital, this
the Eleventh day of January, 2018*



Ken Detjen
Secretary of State

Tracking Number: CC3708519722

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

<https://services.sunbiz.org/Filings/CertificateOfStatus/CertificateAuthentication>

PGAL



Date organized:
January 15, 1998

Corporation number:
F98000000329



2. QUALIFICATIONS OF FIRM

Business Structure

Certification as Corporation

State of Florida Department of State

I certify from the records of this office that WATER TECHNOLOGY INTERNATIONAL, INC. is a Wisconsin corporation authorized to transact business in the State of Florida, qualified on September 15, 2004.

The document number of this corporation is F04000005298.

I further certify that said corporation has paid all fees due this office through December 31, 2017, that its most recent annual report/uniform business report was filed on February 28, 2017, and that its status is active.

I further certify that said corporation has not filed a Certificate of Withdrawal.

*Given under my hand and the
Great Seal of the State of Florida
at Tallahassee, the Capital, this
the Tenth day of August, 2017*



Ken Detjen
Secretary of State

Tracking Number: CU6833590292

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

<https://services.sunbiz.org/Filings/CertificateOfStatus/CertificateAuthentication>

WTI



Date organized:
September 15, 2004

Corporation number:
F04000005298



2. QUALIFICATIONS OF FIRM

Business Structure

Joint Venture

The firms making up our team are not part of a joint venture.

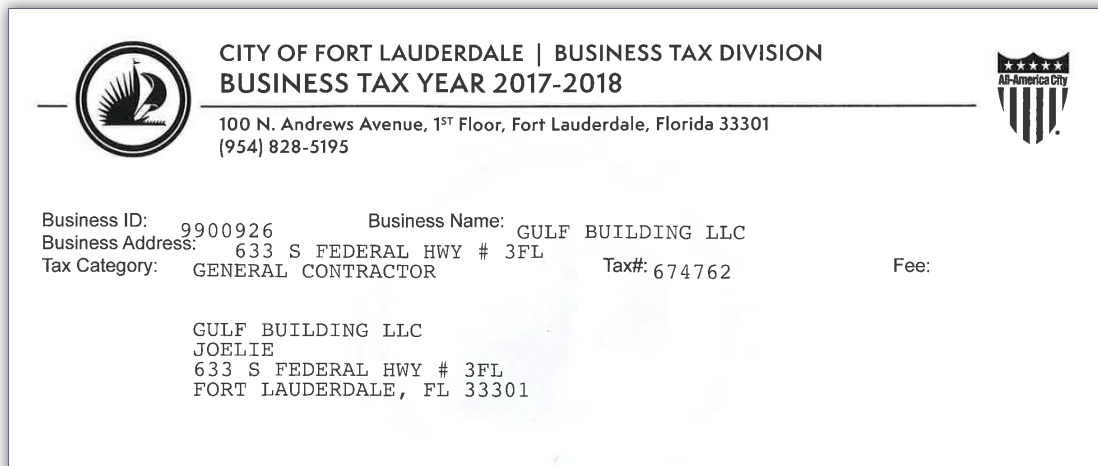
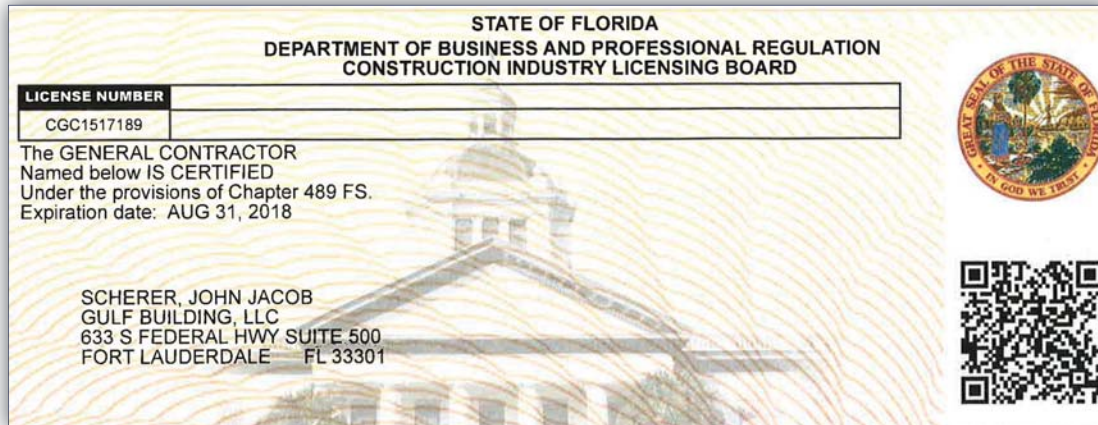


2. QUALIFICATIONS OF FIRM

Business Structure

Licenses

Gulf Building LLC





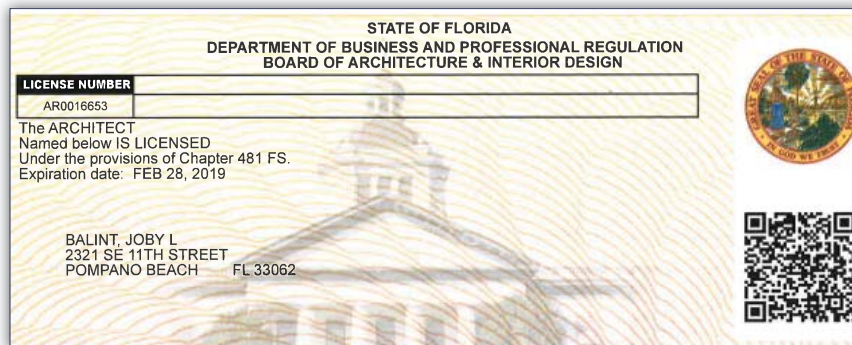
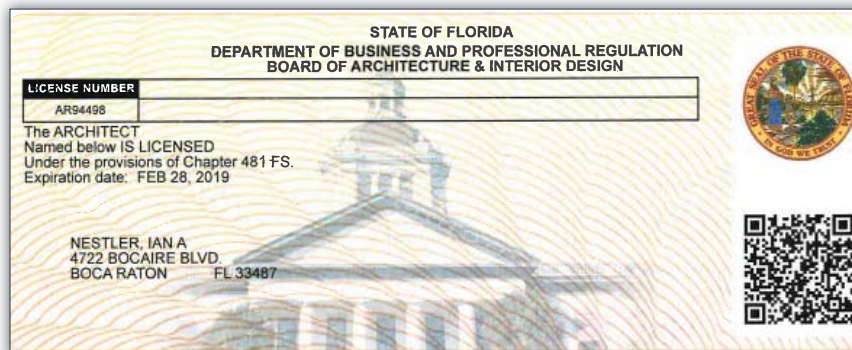
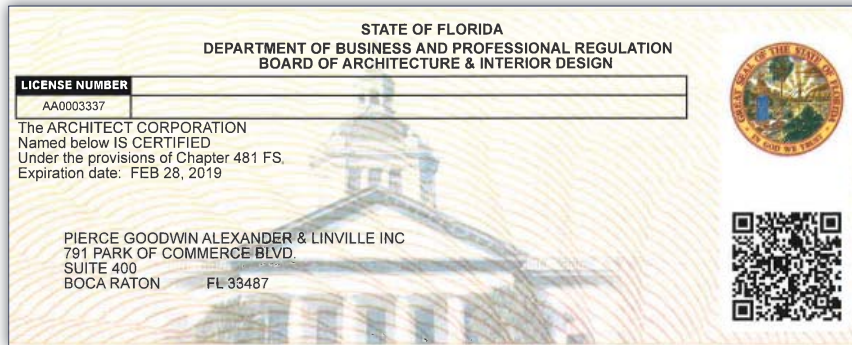
2. QUALIFICATIONS OF FIRM

Business Structure

Licenses

PGAL

PGAL



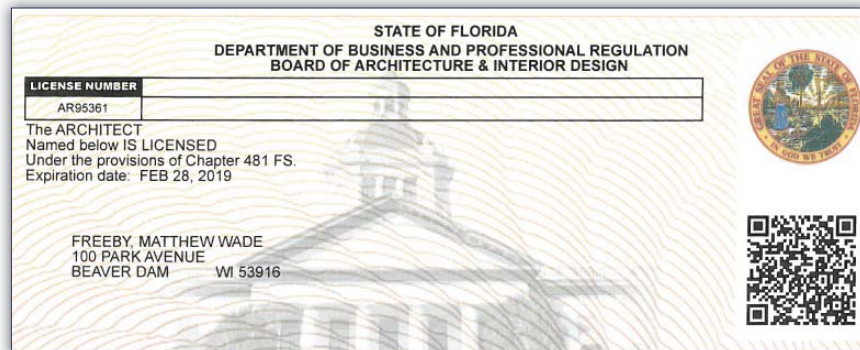


2. QUALIFICATIONS OF FIRM

Business Structure

Licenses

WTI 





2. QUALIFICATIONS OF FIRM

Business Structure

Key Personnel & Role

The chart below lists the names and role of all Key Personnel proposed on our team. Resumes for each individual can be found in Section 3. Qualifications of Team.

Staff Matrix			
Name/Title/Role	E-mail	Name of Firm	Firm Role
John Scherer, President	johns@gulfbuilding.com	Gulf Building 633 S. Federal Hwy., #500 Ft Lauderdale, FL 33301 P: 954.492.9191 F: 954.492.9192	D-B Lead Contractor
Rick Derrer, Chief Operating Officer	rickd@gulfbuilding.com		
Michael Lanciault, VP of Preconstruction	michaell@gulfbuilding.com		
Eric Squilla, Project Executive	erics@gulfbuilding.com		
Jerry Dumas, LEED AP, Project Manager	ericg@gulfbuilding.com		
Frank Gunn, Superintendent	howards@gulfbuilding.com		
Ian A. Nestler, AIA LEED AP. Principal in Charge	inestler@pgal.com	PGAL 791 Park of Commerce Blvd., Suite 400 Boca Raton, FL 33487 P: 561.988.4002	Architect of Record
Joby Balint, AIA, LEED AP BD+C, Project Manager	jbalint@pgal.com		
Steve Cocker, Director of Sports Swimming	scrocker@wtiworld.com	WTI 100 Park Avenue Beaver Dam, WI 53916 P: 920.344.3132 F: 866.240.7328	Aquatic Consultant
Matthew W. Freeby, AIA, LEED AP, NCARB, Project Leader	mfreeby@wtiworld.com		
Jeff S. Crews, PE, LEED AP, Principal	jeff.crews@stantec.com	Stantec 800 Fairway Drive, Suite 195 Deerfield Beach, FL 33441 P: 954.481.2812 F: 954.481.2818	Civil Engineering
Sri S. Sritharan, P.E., Principal	sri@sfengineers.com	S&F Engineers, Inc. 2925 W. Cypress Creek Road, Suite 200 Ft. Lauderdale, FL 33309 P: 954.938.0020 F: 954.938.0468	Structural Engineering
Donata Williams Beasley, P.E. MBA, LEED AP, CM-BIM, Senior Project Manager	donata@sfengineers.com		
Chris T. Schmidt, P.E., Project Engineer	chris@sfengineers.com		
Eric Hammond, PE, Principal/Project Manager	erich@hammondengineers.com	Hammond & Associates 7334 NW 5th Street Plantation, FL 33317 P: 954.327.7111 F: 954.327.7154	MEP/Fire Protection Engineers
Donald Dixon, PE, Electrical Engineer	donaldd@hammondengineers.com		
Stephen Farquharson, LEED AP, Electrical Project Manager	stephenf@hammondengineers.com		



2. QUALIFICATIONS OF FIRM

Business Structure Insurance Compliance

Gulf Building LLC



ACORD		GULFBUI-03		STWIGGS																																																																																								
CERTIFICATE OF LIABILITY INSURANCE				DATE (MM/DD/YYYY) 12/13/2017																																																																																								
<p>THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.</p> <p>IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).</p>																																																																																												
PRODUCER Collinsworth, Alter, Fowler & French, LLC 8000 Governors Square Blvd Suite 301 Miami Lakes, FL 33016			CONTACT NAME: PHONE (A/C, No, Ext): (305) 822-7800 FAX (A/C, No): (305) 362-2443 E-MAIL: ADDRESS:																																																																																									
INSURED Gulf Building LLC 633 S. Federal Hwy. Suite 500 Ft. Lauderdale, FL 33301			INSURER(S) AFFORDING COVERAGE		NAIC #																																																																																							
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LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>INSR LTR</th> <th>TYPE OF INSURANCE</th> <th>ADDL SUBR INSD WVD</th> <th>POLICY NUMBER</th> <th>POLICY EFF (MM/DD/YYYY)</th> <th>POLICY EXP (MM/DD/YYYY)</th> <th>LIMITS</th> </tr> </thead> <tbody> <tr> <td rowspan="5">A</td> <td><input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY</td> <td rowspan="5">X</td> <td rowspan="5">3C07426</td> <td rowspan="5">04/01/2017</td> <td rowspan="5">04/01/2018</td> <td>EACH OCCURRENCE \$ 1,000,000</td> </tr> <tr> <td><input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR</td> <td>DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000</td> </tr> <tr> <td><input checked="" type="checkbox"/> General Agg per Proj</td> <td>MED EXP (Any one person) \$ 5,000</td> </tr> <tr> <td></td> <td>PERSONAL & ADV INJURY \$ 1,000,000</td> </tr> <tr> <td></td> <td>GENERAL AGGREGATE \$ 2,000,000</td> </tr> <tr> <td colspan="6"> GEN'L AGGREGATE LIMIT APPLIES PER: POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER: Capped at \$5,000,000 </td> <td>PRODUCTS - COMP/OP AGG \$ 2,000,000</td> </tr> <tr> <td rowspan="5">B</td> <td>AUTOMOBILE LIABILITY</td> <td rowspan="5">X</td> <td rowspan="5">WPP154432600</td> <td rowspan="5">04/01/2017</td> <td rowspan="5">04/01/2018</td> <td>COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000</td> </tr> <tr> <td><input checked="" type="checkbox"/> ANY AUTO OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS</td> <td>BODILY INJURY (Per person) \$</td> </tr> <tr> <td><input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY</td> <td>BODILY INJURY (Per accident) \$</td> </tr> <tr> <td></td> <td>PROPERTY DAMAGE (Per accident) \$</td> </tr> <tr> <td></td> <td>\$</td> </tr> <tr> <td rowspan="2">A</td> <td>UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR</td> <td rowspan="2"></td> <td rowspan="2">MKLV2EUL101221</td> <td rowspan="2">04/01/2017</td> <td rowspan="2">04/01/2018</td> <td>EACH OCCURRENCE \$ 5,000,000</td> </tr> <tr> <td><input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE</td> <td>AGGREGATE \$ 5,000,000</td> </tr> <tr> <td colspan="6">DED RETENTION \$</td> <td></td> </tr> <tr> <td rowspan="4">C</td> <td>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</td> <td rowspan="4">X</td> <td rowspan="4">83023253</td> <td rowspan="4">04/01/2017</td> <td rowspan="4">04/01/2018</td> <td><input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER</td> </tr> <tr> <td>ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? 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B	AUTOMOBILE LIABILITY	X	WPP154432600	04/01/2017	04/01/2018	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000																																																																																						
	<input checked="" type="checkbox"/> ANY AUTO OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS					BODILY INJURY (Per person) \$																																																																																						
	<input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY					BODILY INJURY (Per accident) \$																																																																																						
						PROPERTY DAMAGE (Per accident) \$																																																																																						
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A	UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR		MKLV2EUL101221	04/01/2017	04/01/2018	EACH OCCURRENCE \$ 5,000,000																																																																																						
	<input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE					AGGREGATE \$ 5,000,000																																																																																						
DED RETENTION \$																																																																																												
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY	X	83023253	04/01/2017	04/01/2018	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER																																																																																						
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)					E.L. EACH ACCIDENT \$ 1,000,000																																																																																						
	If yes, describe under DESCRIPTION OF OPERATIONS below					E.L. DISEASE - EA EMPLOYEE \$ 1,000,000																																																																																						
						E.L. DISEASE - POLICY LIMIT \$ 1,000,000																																																																																						
D	Excess of Primary		SXS004529102	04/01/2017	04/01/2018	Each Occ/Agg 5,000,000																																																																																						
E	Professional Liabili		03096712	07/01/2017	07/01/2018	Each Claim/Aggregate 1,000,000																																																																																						
<p>DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required) RFP # 12072-483 - Fort Lauderdale Aquatic Center Renovations City of Fort Lauderdale included as additional insured. Waiver of Subrogation in favor of additional insured.</p>																																																																																												
CERTIFICATE HOLDER City of Fort Lauderdale c/o Procurement Services Division 100 N. Andrews Avenue #619 Fort Lauderdale, FL 33301			CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE 																																																																																									
ACORD 25 (2016/03)			© 1988-2015 ACORD CORPORATION. All rights reserved.																																																																																									

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2. QUALIFICATIONS OF FIRM

Business Structure Insurance Compliance

PGAL



Client#: 171819		PIERCGOO		DATE (MM/DD/YYYY) 8/09/2017																			
ACORD™ CERTIFICATE OF LIABILITY INSURANCE																							
<p>THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.</p> <p>IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).</p>																							
PRODUCER USI Southwest 9811 Katy Freeway, Suite 500 Houston, TX 77024 713 490-4600			CONTACT NAME: Karen Wagner & Michelle Weweh PHONE (A/C, No, Ext): 713 490-4569 FAX (A/C, No): 713-490-4700 E-MAIL ADDRESS: katie.thompson@usi.com/michelle.weweh																				
INSURED Pierce Goodwin Alexander & Linville Inc PGAL, LLC 3131 Briarpark Drive, Suite 200 Houston, TX 77042			INSURER(S) AFFORDING COVERAGE <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>INSURER A :</td> <td>Continental Casualty Company</td> <td>20443</td> </tr> <tr> <td>INSURER B :</td> <td>Continental Insurance Company</td> <td>35289</td> </tr> <tr> <td>INSURER C :</td> <td>American Casualty Company of Re</td> <td>20427</td> </tr> <tr> <td>INSURER D :</td> <td>Berkley Insurance Company</td> <td>32603</td> </tr> <tr> <td>INSURER E :</td> <td></td> <td></td> </tr> <tr> <td>INSURER F :</td> <td></td> <td></td> </tr> </table>			INSURER A :	Continental Casualty Company	20443	INSURER B :	Continental Insurance Company	35289	INSURER C :	American Casualty Company of Re	20427	INSURER D :	Berkley Insurance Company	32603	INSURER E :			INSURER F :		
INSURER A :	Continental Casualty Company	20443																					
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INSURER F :																							
COVERAGES CERTIFICATE NUMBER: REVISION NUMBER:																							
<p>THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.</p>																							
INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS																
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:			6043241375	08/12/2017	08/12/2018	EACH OCCURRENCE \$1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$1,000,000 MED EXP (Any one person) \$15,000 PERSONAL & ADV INJURY \$1,000,000 GENERAL AGGREGATE \$2,000,000 PRODUCTS - COMP/OP AGG \$2,000,000																
B	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS			6043241330	08/12/2017	08/12/2018	COMBINED SINGLE LIMIT (Ea accident) \$1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$																
B	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED: <input checked="" type="checkbox"/> RETENTION \$10000			6043241361	08/12/2017	08/12/2018	EACH OCCURRENCE \$14,000,000 AGGREGATE \$14,000,000 \$																
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N N	N/A	643241344	08/12/2017	08/12/2018	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$1,000,000 E.L. DISEASE - EA EMPLOYEE \$1,000,000 E.L. DISEASE - POLICY LIMIT \$1,000,000																
D	Professional Liability			AEC901626303	08/12/2017	08/12/2018	\$5,000,000 per claim \$5,000,000 annl aggr.																
<p>DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)</p> <p>The General Liability and Automobile Liability policies include an automatic Additional Insured endorsement that provides Additional Insured status to the Certificate Holder only when there is a written contract that requires such status, and only with regard to work performed on behalf of the named insured. The General Liability, Automobile and Umbrella Liability policies contain a special endorsement with "Primary and Noncontributory" wording. (See Attached Descriptions)</p>																							
CERTIFICATE HOLDER				CANCELLATION																			
Pierce Goodwin Alexander & Linville Inc 3131 Briarpark Dr # 200 Houston, TX 77042-0000				SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE 																			
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ACORD 25 (2014/01) 1 of 2 The ACORD name and logo are registered marks of ACORD #S21283187/M21280299 SRNZP																							



2. QUALIFICATIONS OF FIRM

Business Structure Insurance Compliance

WTI WTI
WATER TECHNOLOGY INC.

ACORD® CERTIFICATE OF LIABILITY INSURANCE										DATE (MM/DD/YYYY) 6/6/2017																																																																																																																																																																																														
<p>THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.</p> <p>IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).</p>																																																																																																																																																																																																								
PRODUCER Arthur J. Gallagher Risk Management Services, Inc. 777 108th Ave NE, #200 Bellevue WA 98004						CONTACT NAME: Kim Lohr PHONE (A/C No, Ext): 425-586-1032 FAX (A/C No): 425-451-3716 E-MAIL: Kim_Lohr@ajg.com ADDRESS:																																																																																																																																																																																																		
INSURED WATETEC-01 Water Technology, Inc. 100 Park Avenue PO Box 614 Beaver Dam WI 53916						INSURER(S) AFFORDING COVERAGE			NAIC #																																																																																																																																																																																															
						INSURER A: Admiral Insurance Company			24856																																																																																																																																																																																															
						INSURER B: Travelers Property Casualty Co of America			25674																																																																																																																																																																																															
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<p>COVERAGES CERTIFICATE NUMBER: 866973440 REVISION NUMBER:</p> <p>THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. 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(Mandatory in NJ) If yes, describe under DESCRIPTION OF OPERATIONS below </td> <td></td> <td>Y/N N/A</td> <td>UB4602T052</td> <td>6/4/2017</td> <td>6/4/2018</td> <td> <input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER </td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>E.L. EACH ACCIDENT</td> <td>\$1,000,000</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>E.L. DISEASE - EA EMPLOYEE</td> <td>\$1,000,000</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>E.L. DISEASE - POLICY LIMIT</td> <td>\$1,000,000</td> </tr> <tr> <td>A</td> <td>Errors and Omissions</td> <td></td> <td></td> <td>EO000033823-02</td> <td>6/4/2017</td> <td>6/4/2018</td> <td> \$5,000,000 \$5,000,000 \$50,000 </td> <td>Each Claim Aggregate Retention</td> </tr> </tbody> </table> <p>DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)</p>												INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS		B	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:			6801J744112	6/4/2017	6/4/2018	EACH OCCURRENCE	\$2,000,000								DAMAGE TO RENTED PREMISES (Ea occurrence)	\$1,000,000								MED EXP (Any one person)	\$10,000								PERSONAL & ADV INJURY	\$2,000,000								GENERAL AGGREGATE	\$4,000,000								PRODUCTS - COMP/OP AGG	\$4,000,000									\$	C	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY			BA2H687649	6/4/2017	6/4/2018	COMBINED SINGLE LIMIT (Ea accident)	\$1,000,000								BODILY INJURY (Per person)	\$								BODILY INJURY (Per accident)	\$								PROPERTY DAMAGE (Per accident)	\$									\$	C	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$10,000			CUP2H687858	6/4/2017	6/4/2018	EACH OCCURRENCE	\$10,000,000								AGGREGATE	\$10,000,000									\$	C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NJ) If yes, describe under DESCRIPTION OF OPERATIONS below		Y/N N/A	UB4602T052	6/4/2017	6/4/2018	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER									E.L. EACH ACCIDENT	\$1,000,000								E.L. DISEASE - EA EMPLOYEE	\$1,000,000								E.L. DISEASE - POLICY LIMIT	\$1,000,000	A	Errors and Omissions			EO000033823-02	6/4/2017	6/4/2018	\$5,000,000 \$5,000,000 \$50,000	Each Claim Aggregate Retention
INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS																																																																																																																																																																																																	
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ACORD 25 (2016/03)

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2. QUALIFICATIONS OF FIRM

Business Structure

Proof of Performance and Payment Bond

The letter below provides proof of ability to provide a Performance and Payment Bond on this project.



NHC NIELSON, HOOVER & COMPANY, INC.

January 24, 2018

City of Fort Lauderdale, FL
100 N. Andrews Avenue
Fort Lauderdale, FL 33301

**RE: Gulf Building LLC – Fort Lauderdale Aquatic Center Renovations –
RFP No. 12072-483**

To Whom It May Concern:

This is to advise you that our office provides suretyship for Gulf Building LLC. . Their surety is Berkley Insurance Company which carries an A.M. Best Rating of A+ (Superior), Financial Size Category of XV and listed in the Department of the Treasury's Federal Register. Gulf Building LLC has a bonding capacity on individual projects of \$50,000,000 and a total program capacity of about \$150,000,000.

Based upon normal and standard underwriting criteria at the time of request, we should be in a position to provide Performance and Payment Bonds for Gulf Building LLC. It must be understood, however, that we reserve the right to review all contractual documents prior to final commitment to issue any bonds.

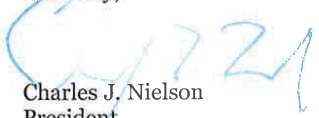
Gulf Building LLC is an excellent contractor and we hold them in high regard. We feel extremely confident in them and encourage you to offer them an opportunity to execute any upcoming projects.

This letter is not an assumption of liability, nor is it a bid or performance and payment bond. It is issued only as a bonding reference requested by our respected client.

Please understand that our willingness to provide surety on this or any project is predicated upon specific criteria at the time of the bond request including, but not necessarily limited to, a review of all contract documents, bond forms, financing and all other pertinent underwriting factors.

Please be advised that this letter is not pre-qualifying the client for Subcontractor Default Insurance. We accept no responsibility whatsoever as to the qualifying requirements of this client for the underwriting of Subcontractor Default Insurance.

Sincerely,



Charles J. Nielson
President

8000 Governors Square Boulevard
Suite 101
Miami Lakes, FL 33016
P: 305.722.2663
F: 305.558.9650
www.nielsonbonds.com

SMART, UNCOMPROMISING, TIMELY, EFFECTIVE. NIELSON, HOOVER & COMPANY, INC. SURETY SOLUTIONS THAT MAKE A DIFFERENCE.



2. QUALIFICATIONS OF FIRM

Subconsultants

Our team includes the following subconsultants:

Name of Subconsultant	Location	Services Provided
Stantec	800 Fairway Drive, Suite 195 Deerfield Beach FL 33441	Civil Engineering
S&F Engineers	2925 W. Cypress Creek Rd. Suite 201 Fort Lauderdale, FL 33309	Structural Engineering
Hammond Engineers	7334 NW 5th Street Plantation, FL 33317	MEP/Fire Protection Engineers

Background, qualifications, licenses, and references for each subconsultant can be found below and on the following pages. Education and experience of each firm's team members is provided on the resumes located in Tab 3. Qualifications of Team.

STANTEC - CIVIL ENGINEERS



Founded in 1954, Stantec unites approximately 22,000 employees working in over 400 locations across 6 continents. From passive and environmental parks to multi-use outdoor athletic and recreational facilities of all types, Stantec provides the ideal venues for your communities. We have designed parks and recreation areas that have included the traditional facilities such as aquatics and water park facilities, professional and collegiate sports complexes, multi-use athletic fields, community centers and gymnasiums, court style facilities such as for tennis, volleyball, racquetball, basketball, bocci and shuffleboard, playgrounds, including "boundless" ADA playgrounds, picnic shelters, scenic pathways and overlooks, campgrounds, boardwalks, marinas, boat ramp complexes and kayak launches, as well as emerging South Florida sports and activities such as lacrosse, ultimate frisbee, rope climbing and zip line facilities, in-line skating and extreme skating, mountain biking and BMX courses.

Our experience with aquatic facilities include the Water Park at TY Park (pool and slides), the Water Park at CB Smith Park (pool, slides and lazy river) and the ADA upgrades at Quiet Waters Park. Other local aquatics facilities include Plantation Aquatic Facilities, Coral Springs Aquatic Facilities, Mitchell Moore Park and Community Park Aquatic facilities for Pompano Beach, seven (7) high school aquatic facilities for Broward County Schools and numerous municipal pool projects for Deerfield Beach, Hallandale Beach, Lauderhill, Miramar, Fort Lauderdale, Miami and North Miami Beach. Another of our aquatic complexes is the Grapeland Aquatic Park Facility for the City of Miami which includes a competition pool, interactive water features, slides, and a lazy river. All in all, Stantec has provided design and permitting services for more than 50 pool complexes in the South Florida area.

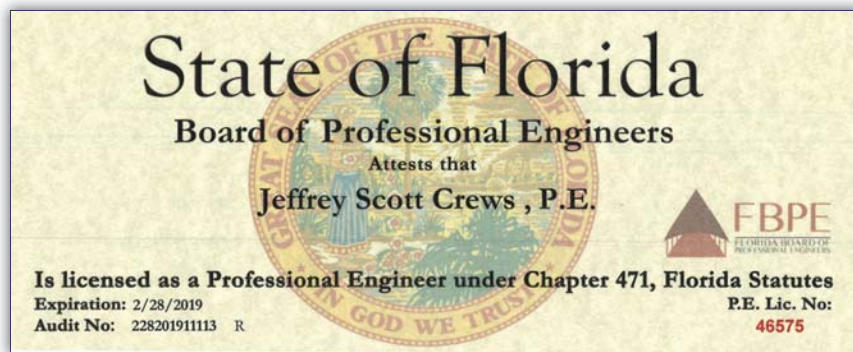
Through our aquatics experience, we have developed a thorough understanding of the Florida Department of Health criteria for Chapter 64E-9 of the State Administrative Code for Public Swimming Pools and bathing Places, which include all of the technical guidelines for pool design.



2. QUALIFICATIONS OF FIRM

Subconsultant

Stantec Licenses



Stantec References

Reference
John Cal, Associate Vice President Florida International University 11555 SW 17th Street, University Park CSC, Room 246 Miami, FL 33199 P: 305-348-4001 E: jcal@fiu.edu
David Martinez, Director of Capital Improvement Projects City of Miami Beach 1701 Meridian Avenue Miami Beach, FL 33139 P: 305-673-7071 : DavidMartinez@miamibeachfl.gov

S & F ENGINEERS, INC. - STRUCTURAL ENGINEERS



Since 2001, S&F Engineers, Inc. worked with nearly every major city building department in South Florida on a regular basis while providing high-quality, creative and conscientious structural engineering services to a diverse clientele including Architects, Contractors, Developers, Building Owners, Facility Managers and Government Agencies. In the past twelve years, we have been involved in over a thousand projects ranging from small repair



2. QUALIFICATIONS OF FIRM

Subconsultant

work to new building projects costing over \$100 million. All projects have been satisfactory completed, both on time and within budget.

Services provided by SFE includes, structural design for new construction, design of building additions, existing building evaluations for new occupancy, structural integrity studies, structural repair design, construction inspections, special inspection of structures, peer review and expert witness testimonies.

Mr. Sritharan, P.E., principal and founder of S & F Engineers, Inc. has over twenty-six years of experience in structural design and is responsible for structural design, developing design procedures and standards, quality control of designs and drawing products. Ms. Donata Williams, P.E., LEED AP serves as Director of Engineering and handles project management, structural design and construction document production controls. She has over 16 years of experience in the design of structural systems and project management. The firm currently has 7 employees, including four (3) licensed structural engineers, 2 engineering interns and one (1) CAD designers totaling over 60 years of experience.

S&F Engineers, Inc. Licenses

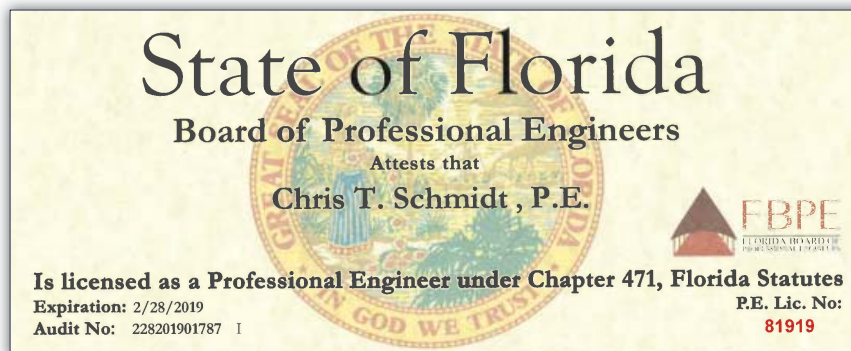




2. QUALIFICATIONS OF FIRM

Subconsultant

S&F Engineers, Inc. Licenses continued



S&F Engineers, Inc. References

Reference
Dr. Germaine Smith-Baugh President/CEO, Urban League of Broward County 11 NW 36th Avenue, Fort Lauderdale FL 33311 P: 954-584-0777; E: gsbaugh@ULBCFL.org
Mr. Alex Cuevas, Project Manager II Broward County Aviation Department 100 Aviation Blvd, Fort Lauderdale FL 33315 P: 954-359-6260; E: acuevas@broward.org

HAMMOND & ASSOCIATES, INC. - MEP/FIRE PROTECTION ENGINEERS



The firm of Hammond & Associates, Inc. are professional Mechanical and Electrical engineers with active operations in the South Florida since 1988. Our firm specializes in the design of HVAC, Electrical, Fire Alarm, Plumbing, Fire Protection Systems and Construction Management.



2. QUALIFICATIONS OF FIRM

Subconsultant

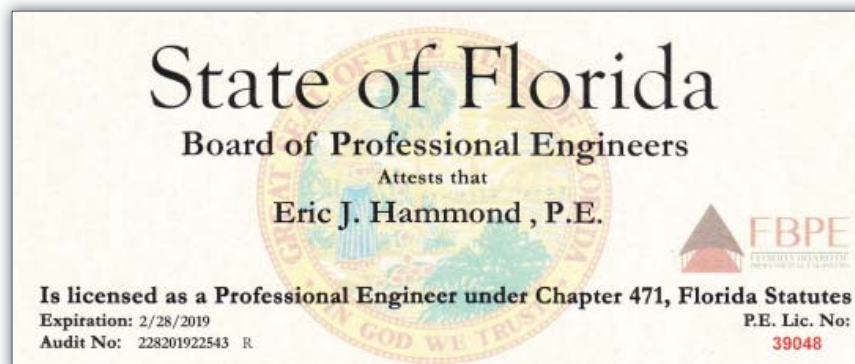
Throughout our firm's history, we have worked very hard to provide our clients with a level of comfort, service and trust that exceeds their expectations. Our goal is to build long term business relationships and provide quality service that help our clients succeed. The success of our business is a result of many satisfied customers from the various counties, cities and municipalities with whom we have excellent relationships.

Hammond & Associates, Inc. have the experience in providing services for recreational and competitive swimming pools, water park, and spa. We partner with architects to provide state-of-the-art designs for new facilities for various municipalities and therefore, have the capability of providing engineering design for aquatic facilities.

Our design staff includes outstanding HVAC, Electrical and Plumbing designers with many years of training and experience in the design and construction administration of passive and active parks and recreational facilities, design of athletic complexes, sanitary and water system design. We are also proficient in the design of park lighting for parks, parking lot lighting, landscape and all types of sports lighting and water feature lighting.

Hammond & Associates, Inc. is a member of USGBC and pride ourselves as designers of projects that require LEED certification. We have LEED accredited professionals on staff and have been part of design teams that have successfully completed LEED projects, including LEED Gold and LEED Silver.

Hammond & Associates Licenses

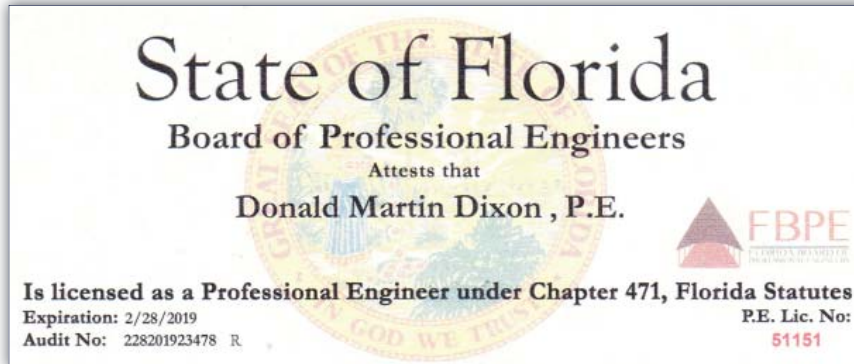




2. QUALIFICATIONS OF FIRM

Subconsultant

Hammond & Associates Licenses continued



Hammond & Associates References

Reference
Ulises Torres, AIA Bermello Ajamil & Partners Inc. 900 SE Third Avenue, Suite 203 P: 954-467-5602; E: Utorres@bermelloajamil.com
Mario Cartaya, AIA CEO, Cartaya and Associates Architects P.A. 2400 East Commercial Blvd, Suite 415, Ft. Lauderdale, 33308 P: 954-771-2724; E: mcartaya@cartayaassociates.com



2. QUALIFICATIONS OF FIRM

Financials

Gulf Building LLC



Total Annual Billings		
\$38,050,974	\$ 38,785,219	\$19,904,193
2016	2015	2014

Current Ratio (Assets/Liabilities)				
1.05	1.29	1.77	1.37	2.44
2016	2015	2014	2013	2012

PGAL



Total Annual Billings		
\$58,205,021	\$52,795,540	\$48,369,775
2016	2015	2014

Current Ratio (Assets/Liabilities)				
1.78	1.71	1.93	1.78	1.74
2016	2015	2014	2013	2012

WTI



Total Annual Billings		
\$9,042,892	\$8,973,141	\$9,940,282
2017	2016	2015

Current Ratio (Assets/Liabilities)				
2.7	2.44	2.56	2.5	2.65
2017	2016	2015	2014	2013

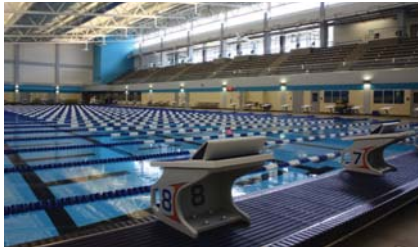


2. QUALIFICATIONS OF FIRM

Firms Past Experience

WESTSIDE AQUATIC CENTER

LEWISVILLE, TEXAS



Team Members
Involved

WTI
WATER TECHNOLOGY, INC.

OWNER:

Lewisville ISD

PROJECT CONTACT:

Shannon Gillespy, Facility Director
Westside Aquatic Center/
Lewisville ISD
1750 Duncan Ln.
Lewisville, TX 75067
T: 214.222.6940
E: gillespys@lisd.net

PROJECT DATES:

March 2012 - March 2014

ORIGINAL BUDGET:

\$4.8 Million

FINAL BUDGET:

\$4.8 Million

PROJECT STATUS:

Completed On-Time & In-Budget

SCOPE

The Westside Aquatic Center located in Lewisville, Texas opened in spring 2014 and is home to three local high school swimming and diving teams including Lewisville High School, Flower Mound High School, and Marcus High School. The facility also serves the USA Swimming Lakeside Aquatic Club, USMS Adult Master Swim Team, the local Diving Club, and the North Texas Synchronicity Synchronized Swimming Team. Scuba diving lessons and swimming lessons are also held at the facility. The facility, which is making waves throughout the area for being a “Fast Pool”, in its first prelim/final meet with 487 swimmers broke 1 National Bulgarian Record, 33 Meet Records, 5 National Age Group Records, and achieved 3 Olympic Trial cuts.

Water Technology, Inc. (WTI) was hired by SHW Group to provide design and engineering services for the new aquatic center. The new state-of-the-art Myrtha stretch 50 meter pool includes two movable bulkheads and can be configured for long and short course swimming competitions, lap swimming, water polo, and diving. At the deep end of the pool are two one-meter spring boards and two three-meter spring boards. Agitators are also located at the water surface so that divers can see where the surface of the water is when diving. An additional 4 Lane x 25 Yard warm up pool is located on the East side of the building.

The facility is designed to host large regional competitions with seating accommodations for up to 1,200 spectators. When competitions are not taking place, a part of the bleacher seating area can be retracted and used for dry-land training.

PROJECT FEATURES:

- 16,531 SF Competition Pool with Two Bulk Heads
- 50-Meter Course Layout
- 25-Meter Course Layout
- 25-Yard Course Layout
- 25-Yard Cross Course Layout
- 1 Meter & 3 Meter Diving
- 2,253 SF Warm-up Pool



2. QUALIFICATIONS OF FIRM

Firms Past Experience

WINDSOR INTERNATIONAL AQUATIC AND TRAINING CENTRE (WIATC)

WINDSOR, ONTARIO, CANADA



Team Members
Involved

WTI
WATER TECHNOLOGY INC.

OWNER:

City of Windsor, Ontario

PROJECT CONTACT:

Don Sadler
Project Manager
City of Windsor
M: 519.791-3312
E: dsadler@city.windsor.on.ca

PROJECT DATES:

April 2012 - December 2013

ORIGINAL BUDGET:

\$17 Million CAD

FINAL BUDGET:

\$17 Million CAD

PROJECT STATUS:

Completed On-Time & In-Budget

SCOPE

The Windsor International Aquatic and Training Centre (WIATC), located at the Family Aquatic Complex features, a 50 Metre competition pool and leisure area opened in January 2014. Water Technology, Inc. (WTI) and the architect designed the new complex to meet the city's vision to create a complex that would appeal to all Windsor families and provide aquatic entertainment and variety for everyone. The new facility is also expected to help revitalize the downtown area of Windsor through regional aquatic events.

WIATC is the City of Windsor's state-of-the-art aquatics facility. This 71m X 25m, 10-lane pool features two moveable bulkheads that allow for multiple configurations to fit the ideal length for any competition or community use.

The pool varies in depth from 2m to 5.2m, but also features a moveable floor at the north end of the facility, which allows for shallower depths and greater accommodation for community programming. The 50 Metre pool is designed to Swim Canada and FINA regulations.

The Family Aquatic Complex is also home to Adventure Bay Family Water Park, southwestern Ontario's wildest aquatic attraction.

PROJECT FEATURES:

- 50 Metre Competition and Warm Up Pool
- 25m X 17m Moveable Floor
- 2 Moveable Bulkheads
- Dive Tower with Five Platforms at Heights of 1m, 3m, 5m, 7m and 10m
- 2 Springboards platforms including two 1m and two 3m diving boards
- Spectator Seating Area with a Capacity of 900



2. QUALIFICATIONS OF FIRM

Firms Past Experience

COLONIAL PARK FAC

WEST UNIVERSITY PLACE, TEXAS



Team Members
Involved



OWNER:

City of West University Place

PROJECT CONTACT:

Jeremy Veld, Assistant Recreation
Manager

City of West University Place, TX
4210 Bellaire Boulevard

West University Place, TX 77005

T: 713.662.7427

E: jveld@westutx.gov

PROJECT DATES:

April 2009 - May 2010

ORIGINAL BUDGET:

\$1.4 Million

FINAL BUDGET:

\$1.415 Million

PROJECT STATUS:

Completed ahead of schedule

SCOPE

Teamed with PGAL Houston, Water Technology, Inc. (WTI) designed the new family aquatic center to appeal to users of all age groups and swimming abilities, which has proven a success with skyrocketing multi-generational attendance. The leisure pool ranges in depth from 0' to 12' with multiple play amenities, including geysers, kiddie slide, deck sprays, interactive water play structures, water walk, basketball, volleyball, climbing wall, drop slide, and diving and lap lanes for recreational swimming. Younger children can develop their social skills in the zero depth area playing with the geysers and other interactive toys, while older children can show off their skills by utilizing the climbing wall and venturing across the water walk.

Texas Department of Health pool codes and applicable industry standards are utilized in the design of the structural and mechanical systems. The mechanical and filtration systems are designed to provide pristine water quality while conserving water and energy use over traditional systems. The leisure pool utilizes a Regenerative Media (RM) filter system, which reduces water consumption drastically. The RM filter is also capable of filtering smaller particulate matter from the water than sand systems, therefore vastly improving the water clarity.

According to the Director of Parks and recreation, "The new facility promises to eclipse all past years in attendance, membership sales and concession sales!" And, in fact, it already has; after the first year of operation, revenue was up a significant amount.

In addition to the outdoor leisure pool, WTI also designed a lap pool at a separate site.

PROJECT FEATURES:

- Same Team Members (PGAL/WTI)
- 10,225 SF Leisure Pool Featuring Zero Depth Entry, a Water Play Structure,
- Interactive Spray Features, a Kiddie Slide, and Geysers, a Water Walk, Water
- Sun Deck, Three Lap Lanes, Water Basketball and Volleyball, a Climbing Wall,
- Tethered Floatable Log, Drop Slide, and Diving Well with 1 Meter Diving Board



2. QUALIFICATIONS OF FIRM

Firms Past Experience

SOUTHSIDE PLACE FIRETRUCK PARK POOL

HOUSTON, TEXAS

Team Members
Involved



OWNER:

City of Southside Place

PROJECT CONTACT:

David Moss, City Manager

City of Southside Place

6309 Edloe Avenue

Houston, TX 77005

T: 713.668.2341

E: citymgr@southside-place.org

PROJECT DATES:

April 2016 - November 2017

ORIGINAL BUDGET:

\$1.7 Million

FINAL BUDGET:

\$1.7 Million

PROJECT STATUS:

Delayed Completion

(Due to historical rain fall in 2017, including Hurricane Harvey as well as management issues of the GC - not reflective of PGAL/WTI)

SCOPE

WTI was hired by PGAL Architects to review the existing pool equipment to determine reuse and adaptability and to conduct a programming presentation to help define the aquatic goals and objectives. WTI developed a concept design that replaced an obsolete pool for one that generated more recreation appeal.

WTI did the detailed design and construction administration for the new pool that included six lap lanes, a separated diving area with a drop slide, and a shallow water teaching area that slopes from 3-4 feet. There is also a small zero depth entry pool that is one foot, six inches at the deep end that features a small spray pad with geysers for the little ones. Both are deck level pools with lots of seating area and deck social space.

PROJECT FEATURES:

- Same Team Members (PGAL/WTI)
- Pool with six lap lanes
- Separate diving area
- Shallow water teaching pool



2. QUALIFICATIONS OF FIRM

Firms Past Experience

DOVE WATERPARK

GRAPEVINE, TEXAS



Team Members
Involved



OWNER:

City of Grapevine

PROJECT CONTACT:

Chris Smith, Deputy Director

City of Grapevine

1175 Municipal Way

Grapevine, TX 76051

T: 817.410-3347

E: chriss@grapevinetexas.gov

PROJECT DATES:

April 2012 - May 2013

ORIGINAL BUDGET:

\$1.36 Million

FINAL BUDGET:

\$1.36 Million

PROJECT STATUS:

Completed On-Time & In-Budget

SCOPE

Water Technology, Inc. (WTI) was hired by the City of Grapevine in 2012 for the renovation of its existing pool located in Dove Park. The six lane, L-shaped swimming pool with attached diving and a small children's pool no longer met the needs of the growing community of Grapevine. Grapevine, Texas, located between Dallas and Fort Worth, has a population of 50,514, grows to over 120,000 people during the day time and encompasses an area of approximately 35.85 square miles.

The new pool opened May 25, 2013 to a full crowd despite the cloudy weather. The \$2.7 million dollar renovation rivals neighboring pools with an expanded swimming area, zero depth entry with interactive play structure and shade, water spray tunnel, and geysers; activity pool with floatable play features, water walk, aqua climbing wall, a drop slide and runout side. The pool also has plenty of shade and lounge opportunities for guests including underwater bench seating, a wet deck lounge with chairs.

The pool renovation was part of a greater park renovation initiative which included updated basketball, volleyball and tennis courts.

PROJECT FEATURES:

- Same Team Members (Gulf/WTI)
- 8,385 SF Outdoor Recreation Pool Featuring Zero Depth Entry with Interactive
- Play Structure and Shade Areas, a Water Spray Tunnel, Geysers, Drop Slide,
- Body Slide with Runout, Wet Deck Lounge, Underwater Bench, Water Walk,
- Aqua Climbing Wall, Tethered Floatable Log and Turtle, and LED Lighting



2. QUALIFICATIONS OF FIRM

Firms Past Experience

SFRTA - OPERATIONS CENTER & GARAGE AND POMPANO BEACH TRI-RAIL STATION IMPROVEMENTS

POMPANO BEACH, FL

Team Members Involved



OWNER:

SFRTA

PROJECT CONTACT:

Noel Pfeffer, Esq., Deputy General Counsel

801 N.W. 33rd Street
Pompano Beach, FL 33064

T: 954.786.3809

E: pfeffern@sfrta.fl.gov

PROJECT DATES:

January 2015 - January 2017

ORIGINAL BUDGET:

\$39.4 Million

FINAL BUDGET:

\$40.8 Million

(Increase due to Owner added scope)

PROJECT STATUS:

Completed on-time

SCOPE

The new Operations Center & Parking Garage and Pompano Beach Tri-Rail Station Improvements project for the South Florida Regional Transportation Authority (SFRTA) was completed under a design-build delivery and included a four story parking garage and a 3-story, 75,000 sf operation center that is registered LEED Silver and included CCTV, card access and fire alarm systems.

The Tri-Rail Pompano Beach Station Improvements portion of the Project included the demolition of the existing platform and the construction of a new state-of-the-art station. The new station included solar power, LED lighting, new bicycle lockers, dedicated alternative fuel-source parking, electric vehicle charging stations, and a crossover bridge. The existing station remained in operation throughout construction.

PROJECT FEATURES::

- Design-Build Delivery
- Same Team Members (Gulf/PGAL/S&F/Hammond)
- Winner of ABC Construction in Excellence Eagle Award
- Registered, Seeking LEED Gold



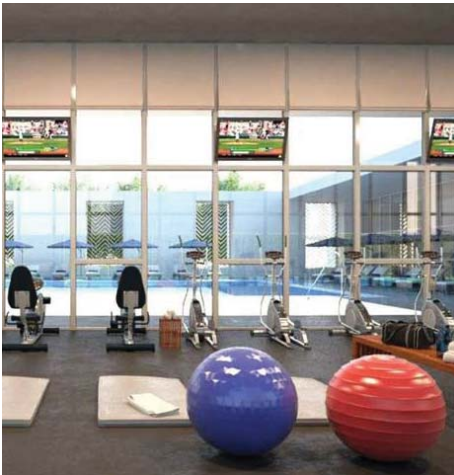
2. QUALIFICATIONS OF FIRM

Firms Past Experience

151 GUARD HOUSE AND POOL HOUSE

MIAMI, FL

Team Members
Involved



OWNER:

One Fifty One Condominium
Association

PROJECT CONTACT:

Glenn Gutheil, Director of
Development
need address
T: 305.442.3108
E: ggutheil@hellingerco.com

PROJECT DATES:

October 2015 - May 2017

ORIGINAL BUDGET:

\$4.3 Million

FINAL BUDGET:

\$3.6 Million
(Decrease due to Owner provided items)

PROJECT STATUS:

Completed On-Time & Under-
Budget

SCOPE

Gulf Building recently completed the 151 Recreation Center project which consisted of a Pool House and Guard House.

The 151 Biscayne Pool House and Amenities building includes construction of a community pool with terrace, fitness center, common events room, management office and tennis courts.

The 151 Guard House consists of a 200 square foot guard station with bathroom, controls for gates, communications, and CCTV. It has a 15-ft overhang metal roof truss eave for architectural aesthetics as well as serves functionally as cover from the elements for guest traffic and guards. The Guard House includes high-end finishes.

PROJECT FEATURES:

- Community Pool
- Fitness Center
- Community Rooms
- Office Space



2. QUALIFICATIONS OF FIRM

Firms Past Experience

HELEN MILLER CENTER

OPA-LOCKA, FLORIDA



OWNER:

City of Opa-Locka

PROJECT CONTACT:

Joe Sanches

6241 N. Dixie Highway

Fort Lauderdale, FL 33334

T: 954.315.7020

E: jsanches@dstephenon.com

PROJECT DATES:

April 2013 - February 2014

ORIGINAL BUDGET:

\$2.5 Million

FINAL BUDGET:

\$2.5 Million

PROJECT STATUS:

Completed On-Time & In-Budget

SCOPE

The City of Opa-Locka needed to move quickly on a grant to replace a damaged and rundown community center in Segal Park. PGAL was part of the design-build team that designed this safe and secure 6,000-square-foot, two-story space.

The design features the Moorish architecture unique to the City of Opa-Locka. The building contains a community hall, meeting rooms, and administrative offices, and also doubles as an emergency shelter for the community.

The construction used solid concrete tilt-wall construction with uniquely shaped impact windows, form liners, and vivid colors that reflect the Moorish architectural style.

Project challenges included the discovery of poor soil conditions, which required 74 deep piles. PGAL also equipped the building with full security, including magnetic locks and 24/7 video surveillance.

PROJECT FEATURES:

- 6,000-square-foot, two-story community center
- Community hall, meeting rooms, and administrative offices
- Full security, including magnetic locks and 24/7 video surveillance



2. QUALIFICATIONS OF FIRM

Firms Past Experience

GIBSON PARK

MIAMI, FLORIDA

Team Members
Involved



OWNER:

City of Miami

PROJECT CONTACT:

Jeovanny Rodriguez
Director, Capital Improvements
Program
City of Miami
444 SW Second Avenue, 8th Floor
Miami, Florida 33130
T: 305.416.1225
E: jeovannyrodriguez@miamigov.com

PROJECT DATES:

April 2011 – July 2016

ORIGINAL BUDGET:

\$15 Million

FINAL BUDGET:

\$15 Million

PROJECT STATUS:

Completed On-Time & In Budget

SCOPE

Gibson Park, located in the heart of historic Overtown, is the complete reconstruction of an existing 9.4 acre park and was designated to serve as that communities living room and front yard. The project includes a 6700 square-foot recreation building and aquatic facility with competitive and recreational swimming components. The park also includes a new artificial turf multipurpose field for baseball and football. The field incorporates covered stadium seating for 1500 patrons. Additional elements include basketball courts, picnic shelters, playground, exercise equipment and parking.

Phase 2 of this Gold LEED® certified project consists of an indoor NBA standards basketball court, concession stand, classrooms and multi-purpose community rooms. This 22,000 sq ft addition to the existing community center will help to complete the building and provide the community with gathering spaces and various activities for the young and young at heart.

PROJECT FEATURES:

- 9.4 acre park
- 6,700 square-foot recreation building and aquatic facility
- Competitive and recreational swimming components
- Covered stadium seating for 1,500 patrons



2. QUALIFICATIONS OF FIRM

Firms Past Experience

MITCHELL MOORE PARK AQUATIC CENTER & COMMUNITY PARK AQUATIC CENTER POMPANO BEACH, FLORIDA

Team Members
Involved



OWNER:

City of Pompano Beach

PROJECT CONTACT:

Mark Beaudreau, Recreation
Program Administrator
City of Pompano Beach
1201 NE 5th Avenue
Pompano Beach, Florida 33060
T: 954.786.4191
E. mark.beaudreau@copbfl.com

PROJECT DATES:

October 2005 – February 2008

ORIGINAL BUDGET:

\$6.6 Million

FINAL BUDGET:

\$6.6 Million

PROJECT STATUS:

Completed On-Time & In-Budget

SCOPE

Stantec provided master planning, design and permitting services for two municipal aquatic complexes for the City of Pompano Beach. The projects were phased so that at least one aquatic center was available for use at all times. Total time for both complexes from NTP to completion of construction was a little over two years. Our company provided civil, structural and architectural services as well as construction administration for the City.

The design for Mitchell Moore incorporated a state of the art stainless steel pool with dive well, high rate sand filters, restrooms with showers and lockers, lifeguard break room, concession and enclosed pump room. In order to mitigate problems associated with high ground water levels, the pool deck was elevated utilizing a retaining wall system. The design of Community Park involved the expansion of an outdated pool complex into a state-of-the-art competition aquatic facility. A new 50-meter x 25-yard pool with integral dive well was constructed for competition swimming and diving. The pool also included a shallower L-shaped section for water aerobics and learn-to-swim instruction. The existing T-shaped pool was renovated to provide additional space for recreational and instructional activities. A support building included restrooms, locker rooms, concession, lifeguard break room, ticketing window, office, and equipment room.

PROJECT FEATURES:

- Two municipal aquatic complexes
- 50-meter x 25-yard pool with integral dive
- Support building included restrooms, locker rooms, concession, lifeguard break room, ticketing window, office, and equipment room



2. QUALIFICATIONS OF FIRM

Firms Past Experience

DEERFIELD BEACH MIDDLE SCHOOL PARK

DEERFIELD BEACH, FLORIDA

Team Members
Involved



OWNER:

City of Deerfield Beach

PROJECT CONTACT:

Charles DaBrusco, Director of
Environmental Services
City of Deerfield Beach
150 NE 2nd Avenue
Deerfield Beach, Florida 33441
T: 954.770.4246
E: cdabrusco@deerfield-beach.
com

PROJECT DATES:

Dec. 2003 – October 2006

ORIGINAL BUDGET:

\$5.3 Million

FINAL BUDGET:

\$5.3 Million

PROJECT STATUS:

Completed On-Time & In-Budget

SCOPE

Stantec developed a Master plan for this 5.0-acre site located adjacent to Deerfield Beach Middle School. Full Architectural and Engineering services were provided for the project. The park features a 50-meter competitive swimming pool with zero-depth entry at one point, where school children will receive weekly swimming lessons. Also included in the pool building are restrooms, locker rooms, offices, and a meeting room. The park also includes three Little League baseball fields, one mixed-use field for adult softball/pony baseball/softball, and one football/soccer field with a perimeter running track. Along with the fields, we designed a two-story baseball pavilion which offers a snack bar/concession area and an announcer's booth and a one-story football pavilion which provides players with restrooms, weigh-in room, storage and observation deck.

PROJECT FEATURES:

- 50-meter competitive swimming pool with zero-depth entry at one point
- Pool building including restrooms, locker rooms, offices, and a meeting room



2. QUALIFICATIONS OF FIRM

Firms Past Experience

CORAL SPRINGS AQUATIC CENTER CORAL SPRINGS, FLORIDA

Team Members
Involved



OWNER:

City of Coral Springs

PROJECT CONTACT:

Rich Michaud Director of Public
Works

City of Coral Springs
9551 West Sample Road
Coral Springs, Florida 33065
T: 954.344.1165
E: rmichaud@coralsprings.org

PROJECT DATES:

Multiple Projects 1999-current

ORIGINAL BUDGET:

\$ Various

FINAL BUDGET:

\$ Various

PROJECT STATUS:

Completed On-Time & In-Budget

SCOPE

Stantec has provided on-going services to the Coral Springs Aquatic Center for nearly two decades on a variety of projects. In 1999, we designed a new 25 yd by 25 m practice and warm-up pool on the east end of the facility to augment the 50 meter and dive pools that comprised the aquatic center at the time. In the early 2000's, we renovated the 50 meter and dive pools with a conversion to a new stainless steel panel and gutter system. In 2004, we added a new learn-to-swim pool at the west end of the facility. In recent years, we have added a dive platform with 2-3m springboards and a fixed 3m platform to the dive pool. We have also widened the 10m tower platform to allow for current tandem diving standards and analyzed the tower for further upgrades to modern standards. We are currently re-designing the dryland training area to allow for tandem dive practice.

PROJECT FEATURES:

- 25 yd by 25 m practice and warm-up pool
- Renovated of the 50 meter and dive pools with a conversion to a new stainless steel panel and gutter system
- Addition of a learn-to-swim pool
- Addition of dive platform with 2-3m springboards and a fixed 3m platform
- Widened the 10m tower platform to allow for current tandem diving standards



2. QUALIFICATIONS OF FIRM

Firms Past Experience

ADDITIONAL AQUATIC/POOL EXPERIENCE OF TEAM MEMBERS

In addition to the projects highlighted on the previous pages, Team Member Firms have the following additional aquatic / pool project experience, which makes this team more than qualified to complete the Fort Lauderdale Aquatic Center Renovation project.

2008 & 2016 Olympic Swimming Trials - Omaha, NE - WTI
Adams 12 Five Star Schools - Thornton, CO - WTI
American Colonial Pool - 10,245 Gallons - Ft. Lauderdale, FL - Gulf
Aquatica Seaworld Waterpark - Orlando, FL - WTI
Aspen Modern Pool - 17,600 Gallons - Ft. Lauderdale, FL - Gulf
Briny Pool - 17,322 Gallons - Ft. Lauderdale, FL - Gulf
British West Indies Pool - 15,319 Gallons - Ft. Lauderdale, FL - Gulf
Casa Bianca (4 Pools) - 64,679 Gallons - Ft. Lauderdale, FL - Gulf
Casa Finestre Da Arco Pool - 10,891 Gallons - Ft. Lauderdale, FL - Gulf
CB Smith Park - Paradise Cove - Pembroke Pines, FL - Stantec
Cherokee County Aquatics Complex - Holly Springs, GA - WTI
Community Park Aquatic Center - Pompano Beach, FL - Stantec
Cooper City High School Pool - Cooper City, FL - Stantec
Croissant Park Pool - Fort Lauderdale, FL - Stantec
CSU Student Recreation Center - Columbus, GA - WTI
Delaware State University - Dover, DE - WTI
Driftwood Aquatic Center - Hollywood, FL - Stantec
Earthy Elegance Pool - 6,283 Gallons - Ft. Lauderdale, FL - Gulf
Emory University - Atlanta, GA - WTI
FINA 15th World Championships - Barcelona, Spain - WTI
Fort Lauderdale High School Pool - Fort Lauderdale, FL - Stantec
French Traditional Pool - 17,000 Gallons - Ft. Lauderdale, FL - Gulf
Ft. Lauderdale Contemporary Pearl Pool - 16,956 Gallons - Ft. Lauderdale, FL - Gulf
Georgia State University Student Center - Atlanta, GA - WTI
Golden Beach Residence Pool - 28,000 Gallons - Golden Beach, FL - Gulf
Grapeland Park - Miami, FL - Stantec
Greater Richmond Aquatics Partnership Pool - Richmond, VA - WTI
GSU Recreation Activities Center - Statesboro, GA - WTI
H.D. Woodson High School - Washington, DC - WTI
Hamel Student Recreation Center Pool at University of New Hampshire - Durham, NH - WTI
Inwood Athletic Club - Joliet, IL - WTI
Jacobs Aquatic Center - Key Largo, FL - Stantec
Key Biscayne Modern Pool - 16,896 Gallons - Ft. Lauderdale, FL - Gulf
Key West Chic Residence Pool - 20,619 Gallons - Ft. Lauderdale, FL - Gulf
Lakeshore Foundation Facility - Birmingham, AL - WTI
Lakewood Park Aquatic Center - St Lucie County, FL - Stantec
Lauderdale Manors Pool - Fort Lauderdale, FL - Stantec
Lincoln Splash Park - Palmetto, FL - WTI

Linn-Mar High School - Marion, IA - WTI
Little Haiti Splash Deck - Miami, FL - Stantec
Luther College Natatorium - Decorah, IA - WTI
Miami Dolphins Waterpark - Miami, FL - WTI
Middle Georgia State College - Macon Campus - Macon, GA - WTI
Miramar Aquatic Center - Miramar, FL - Stantec
Modern Luxury In Ft. Lauderdale Pool - 21,913 Gallons - Ft. Lauderdale, FL - Gulf
Modern Mediterranean Pool - 4,560 Gallons - Ft. Lauderdale, FL - Gulf
Modern Oasis Residence Pool - 45,000 Gallons - Ft. Lauderdale, FL - Gulf
Modern Residence And Art Studio Pool - 31,000 Gallons - Ft. Lauderdale, FL - Gulf
Mountain Contemporary Pool - 17,600 Gallons - Ft. Lauderdale, FL - Gulf
New Orleans Chic Pool - 16,905 Gallons - Ft. Lauderdale, FL - Gulf
Norris Aquatic Center at Northwestern University - Evanston, IL - WTI
Northeast High School Pool - Oakland Park, FL - Stantec
Nova High School Aquatic Complex - Davie, FL - Stantec
Open Space Pool - Fort Pierce, FL - Stantec
P-705 Fitness Center - WTI
Plantation Aquatic Center - Plantation, FL - Stantec
Sailfish Splash Waterpark - Stuart, FL - WTI
Shaw Centre - Saskatoon, Saskatchewan, Canada - WTI
South Broward High School Pool - Hollywood, FL - Stantec
Southern Elegance Charm Pool - 17,452 Gallons - Ft. Lauderdale, FL - Gulf
Southwest Aqua Sports - Lubbock, TX - WTI
Tarpon Bend Residence Pool - 23,000 Gallons - Ft. Lauderdale, FL - Gulf
Third Time's The Charm Pool- 6,283 Gallons - Ft. Lauderdale, FL - Gulf
Township High School District 211 - Palatine, IL - WTI
Tropical Classic Residence Pool - 20,302 Gallons - Ft. Lauderdale, FL - Gulf
TY Park Aquatic Center - Hollywood, FL - Stantec
UAB Campus Recreation Center - Birmingham, AL - WTI
Veterans Park Pool - Lauderdale, FL - Stantec
Victoria Park Modern Pool - 11,669 Gallons - Ft. Lauderdale, FL - Gulf
Victory Park Pool - North Miami Beach, FL - Stantec
Villasport Athletic Club and Spa - Beaverton, OR - WTI
Wellington Aquatic Center - Wellington, FL - Stantec
Williston Area Recreation Center - Williston, ND - WTI
Wolk Park Pool - Lauderdale, FL - Stantec
Woodrow Wilson Aquatic Center - Washington, DC - WTI



3. QUALIFICATIONS OF TEAM

Design - Build Team Members

We have assigned a team of construction, design, and engineering professionals with the qualifications necessary for the success of the Fort Lauderdale Aquatic Center Renovations. These individuals have the proven expertise to be of significant benefit to the City of Fort Lauderdale on this project. Each staff member has an essential role to play in overall project success and they have been assigned to their respective position because of the relevant experience they bring to the team, including the design-build delivery system and history of working together on related projects.

Resumes for all personnel listed below can be found later in this section.

Staff Matrix			
Name/Title/Role	Years of Experience	Name of Firm	Firm Role
John Scherer, President	19	Gulf Building 633 S. Federal Hwy., #500 Ft Lauderdale, FL 33301 P: 954.492.9191 F: 954.492.9192	D-B Lead Contractor
Rick Derrer, Chief Operating Officer	45		
Michael Lanciault, VP of Preconstruction	48		
Eric Squilla, Project Executive	23		
Jerry Dumas, LEED AP, Project Manager	12		
Frank Gunn, Superintendent	50	PGAL 791 Park of Commerce Blvd., Suite 400 Boca Raton, FL 33487 P: 561.988.4002	Architect of Record
Ian A. Nestler, AIA LEED AP, Principal in Charge	42		
Joby Balint, AIA, LEED AP BD+C, Project Manager	23	WTI 100 Park Avenue Beaver Dam, WI 53916 P: 920.344.3132 F: 866.240.7328	Aquatic Consultant
Steve Cocker, PE, Director of Sports Swimming	19		
Matthew W. Freeby, AIA, LEED AP, NCARB, Project Leader	31	Stantec 800 Fairway Drive, Suite 195 Deerfield Beach, FL 33441 P: 954.481.2812 F: 954.481.2818	Civil Engineering
Jeff S. Crews, PE, LEED AP, Principal	29		
Sri S. Sritharan, P.E., Principal	26	S&F Engineers, Inc. 2925 W. Cypress Creek Road, Suite 200 Ft. Lauderdale, FL 33309 P: 954.938.0020 F: 954.938.0468	Structural Engineering
Donata Williams Beasley, P.E. MBA, LEED AP, CM-BIM, Senior Project Manager	16		
Chris T. Schmidt, P.E., Project Engineer	20		
Eric Hammond, PE, Principal/Project Manager	39	Hammond & Associates 7334 NW 5th Street Plantation, FL 33317 P: 954.327.7111 F: 954.327.7154	MEP/Fire Protection Engineers
Donald Dixon, PE, Electrical Engineer	36		
Stephen Farquharson, LEED AP, Electrical Project Manager	11		




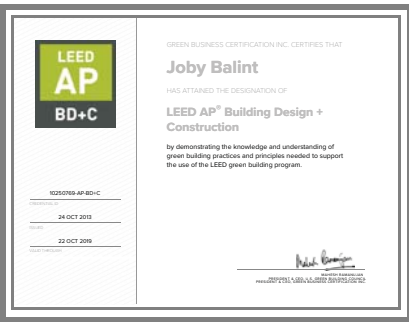
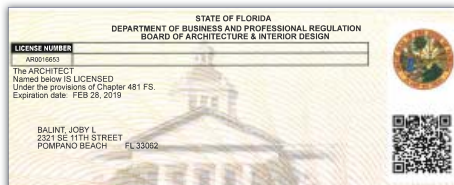




3. QUALIFICATIONS OF TEAM

Project Manager's Experience

Our Team is proposing a group of Project Managers with the requisite experience and qualifications to successfully oversee the design and construction of this project for the City. These individuals each have well over the required five (5) years of industry experience in their discipline and will be committed for the duration of this project.

Full resumes outlining the related work experience and qualifications for each PM is provided later in this section as noted below.

Proposed Project Managers		
Gulf Building LLC	PGAL	WTI
<p>Jerry Dumas, LEED AP</p>  <p>12 Years Industry Experience 3 Years with Gulf</p> <p>See page 47 for Jerry's resume</p> 	<p>Joby Balint, AIA LEED AP BD+C</p>  <p>23 Years Industry Experience 18 Years with PGAL</p> <p>See page 50 for Joby's resume</p>  	<p>Matt Freeby, AIA, LEED AP, NCARB</p>  <p>31 Years Industry Experience 18 Years with WTI</p> <p>See page 52 for Matt's resume</p> 



3. QUALIFICATIONS OF TEAM

Example Projects

Team Member's Qualifications from Past 5 Years

Team member firms have a long history of working together. Gulf and PGAL have experience working together on projects dating back to 2012 and PGAL and WTI have experience working together on projects dating back to 2009. The working relationship between key personnel from these firms dates back even further, to 1993, which means there is no learning curve when selecting the Gulf/PGAL/WTI Design-Build Team.

The chart below highlights Team members who have worked on projects together in the past. Please refer to Section 2 - Qualifications of Firms for full fact sheets for the projects highlighted in aqua.

Name of Project / Year Completed	Team Members Involved
SFRTA Operations Center & Parking Garage and Pompano Beach Tri-Rail Station Improvements - 2017	Gulf, PGAL, Hammond and S&F Engineers
Colonial Park FAC - 2010	PGAL, WTI
Southside Place Firetruck Park Pool - 2017	PGAL, WTI
Dove Waterpark - 2013	PGAL, WTI
Aquatic/Civil Facility Renovation	PGAL, WTI
Terminal 4 Gate Replacement at Ft. Lauderdale-Hollywood Int'l Airport	Gulf, PGAL, Hammond and S&F Engineers
UCF Libra Parking Garage - 2013	Gulf, PGAL (Key Personnel from Gulf while with another firm)
FAU Parliament Hall - 2013	Gulf, PGAL (Key Personnel from Gulf while with another firm)
Helen Miller Center	PGAL, S&F Engineers, Hammond
Miramar Multi-Service Center & Fire Station 19 - 2008	Gulf, PGAL, Hammond
North Lauderdale Library - 2005	Gulf, PGAL (Key Personnel from Gulf while with another firm)
McArthur High School - 2005	Gulf, PGAL (Key Personnel from Gulf while with another firm)
Terminal 4 Federal Inspection Services at Ft. Lauderdale-Hollywood Int'l Airport - 2005	Gulf, PGAL (Key Personnel from Gulf while with another firm), S&F Engineers
Indian River County Judicial Complex & Garage - 1994	Gulf, PGAL (Key Personnel from Gulf while with another firm)
UF Transportation Administration Office Building Parking Garage Complex - 2009	Gulf, PGAL (Key Personnel from Gulf while with another firm)
City of Fort Lauderdale Fire Station #54 - Ongoing	PGAL, Hammond
City of Lauderhill Public Safety Complex - 2004	PGAL, Hammond
Broward County W Blatch/J Lyons Fire Station #27 - 2008	PGAL, Hammond
Broward Sheriff's Office Hazmat/TRT/Special Operations Fire Rescue Station & Training Tower - 2008	PGAL, Hammond
Broward Sheriff's Office 17/27 West Park Fire Station - 2008	PGAL, Hammond
Broward County Everglades Fire Station	PGAL, Hammond
Broward County Airport/Seaport Fire Rescue Station and Logistical Warehouse	PGAL, Hammond



3. QUALIFICATIONS OF TEAM

Example Projects Organizational Chart



Design-Build Contractor Gulf Building LLC					
John Scherer President	Rick Derrer COO	Michael F. Lanciault Vice President of Preconstruction	Eric Squilla Vice President of Operations	Jerry Dumas, LEED AP Project Manager	Frank Gunn Construction Superintendent
Architect PGAL			Aquatic Consultant WTI		
Ian Nestler, AIA, LEED AP Principal In Charge	Joby Balint, AIA, LEED AP BD+C Project Manager	Steve Crocker, PE Director of Sport Swimming		Matthew Freeby, AIA, LEED AP, NCARB Project Leader	
Subconsultants					
Stantec Civil Engineers	S&F Engineers Structural Engineers		(MBE/DBE) Hammond & Associates MEP/Fire Protection		
Jeff Crews, PE, LEED AP Principal	Sri S. Sritharan, PE Principal		Eric Hammond, PE Principal / Project Manager		
	Donata Williams Beasley, PE, MBA, LEED AP, CM-BIM Senior Project Manager		Donald Dixon, PE Electrical Engineer		
	Chris T. Schmidt, PE Project Engineer		Stephen Farquharson, LEED AP Electrical Project Manager		



3. QUALIFICATIONS OF TEAM

Example Projects Resumes



JOHN SCHERER PRESIDENT

John is the President of John J Scherer Construction Consultants LLC and has 19 years of construction experience. His responsibilities include complete oversight of all operations including; pre-construction and construction phase activities, marketing, and maintain owner/client relationships. Pre-construction efforts include conceptual estimating, budgeting, value engineering and scheduling. The construction phase activities include issuance of contract documents, project management, receipt and award of subcontract bids, and corporate representative managing relations with the architect/engineer, owner and regulatory agencies.

EDUCATION

Nova Southeastern University
Juris Doctorate
University of Florida, Bachelor of Science
in Building Construction

LICENSES / CERTIFICATIONS

Member of Florida Bar Association
FL Licensed General Contractor



Hard Rock Hotel And Casino - Hollywood
\$400 Million



Hard Rock Hotel And Casino - Tampa
\$200 Million



Panther Trace Phase I and II
97,000 SF



One Fifty One Biscayne Guard House/Pool House
12,000 SF
\$3.9 Million



Casa Bianca Residence
4 Pools
64,679 Gallons



Modern Oasis Residence Pool
45,000 Gallons



Golden Beach Residence Pool
28,000 Gallons



3. QUALIFICATIONS OF TEAM

Example Projects Resumes



RICK DERRER CHIEF OPERATING OFFICER

Rick has over 40 years of construction experience and was co-founder of James A. Cummings, Inc. a major construction company in Florida founded in 1981. Rick served in the capacity of Vice President of Operations and President until becoming the Chief Executive Officer and President in January 2008. As such, Rick had overall responsibility for all company operations and has overseen billions of dollars of construction of commercial, governmental, institutional and educational buildings ranging in cost from one million dollars to hundreds of millions. Rick brings with him a wealth of knowledge and experience in the South Florida construction market which will be invaluable on this project.

EDUCATION

University of Florida
B.S. in Building Construction

LICENSES / CERTIFICATIONS

Florida Licensed General Contractor



Village of Key Biscayne Civic Center
140,701 SF
\$22 Million



Coconut Grove Residence
156,000 SF
\$43 Million



FLL Consolidated Rental Car Facility
4,500,000 SF
\$180 Million



New Broward County Courthouse
741,000 SF
\$190 Million



Aventura Gov't Center
80,000 SF
\$13 Million



Aventura Parking Garage and Mall Expansion
870,055 SF
\$65 Million



SFRTA Operations Center & Parking Garage
75,000 SF + 4 Story Parking Garage
\$40 Million



FLL T4 Gate Replacement
228,062 SF
\$115 Million



3. QUALIFICATIONS OF TEAM

Example Projects Resumes



MICHAEL LANCIAULT VICE PRESIDENT OF PRECONSTRUCTION

Mike has over 45 years of experience in the construction industry and serves as the Vice President of Preconstruction where he oversees the preconstruction, estimating and contracting for all Gulf Building projects. His previous experience included serving in the capacity of Vice President of Operations, Chief Estimator, Vice President of Preconstruction and then as the Executive Vice President of a major South Florida construction firm until his retirement in December 2015. Mike then joined Gulf Building full-time and brings with him a wealth of knowledge and experience in the South Florida construction market, specifically on K-12 facilities, which will be invaluable on this project.

EDUCATION

BACHELOR OF SCIENCE IN BUILDING CONSTRUCTION,
UNIVERSITY OF FLORIDA, GAINESVILLE, FLORIDA

LICENSES / CERTIFICATIONS

FL LICENSE No. CGC025756,
GA LICENSE No. GCCO002662,
TN LICENSE No. 00062398



Village of Key Biscayne Civic Center
140,701 SF
\$22 Million



Coconut Grove Residence
156,000 SF
\$43 Million



FLL Consolidated Rental Car Facility
4,500,000 SF
\$180 Million



New Broward County Courthouse
741,000 SF
\$190 Million



Aventura Gov't Center
80,000 SF
\$13 Million



Aventura Parking Garage and Mall Expansion
870,055 SF
\$65 Million



SFRTA Operations Center & Parking Garage
75,000 SF + 4 Story Parking Garage
\$40 Million



FLL T4 Gate Replacement
228,062 SF
\$115 Million



3. QUALIFICATIONS OF TEAM

Example Projects Resumes



ERIC SQUILLA VICE PRESIDENT

Eric has 23 years of experience in the construction industry. As Construction Manager, Eric oversees the construction phase of the project from inception to final completion, including the warranty period. He coordinates and oversees duties with the Preconstruction Staff and Construction Staff including the development of strategic project start-up procedures, tracking construction costs, enforcing project schedules, guaranteeing quality control and overseeing safety.

EDUCATION

University of Florida, Bachelor of Science in
Building Construction

LICENSES / CERTIFICATIONS

FL License No. CGC1524919
CQMC - Army Corps of Engineers, OSHA
30-Hour, CPR and First Aid Certified



Village of Key Biscayne Civic Center
140,701 SF
\$22 Million



McArthur High School
130,254 SF
\$21.9 Million



Hialeah Gardens Senior High School
350,000 SF
\$76 Million



New Broward County Courthouse
741,000 SF
\$190 Million



Aventura Gov't Center
80,000 SF
\$13 Million



MDCPS Middle Schools Package (3 Schools)
458,721 SF
\$110.9 Million



Forest Hill High School
322,732 SF
\$42.7 Million



550 Office Building
95,000 SF / 7-Story
\$15.3 Million



550 Parking Garage
260,000 SF / 625 Spaces
\$14.6 Million



3. QUALIFICATIONS OF TEAM

Example Projects Resumes



JERRY DUMAS PROJECT MANAGER

Jerry has 12 years of construction experience and will serve as the Project Manager on this project. Jerry is a LEED Accredited Professional and will be responsible for overall project management and administration. His involvement begins during the preconstruction phase and continues through construction. He supports the on-site team in relation to staffing, budget, logistics, schedule, subcontract management, systems testing and owner/client relations.

EDUCATION

UNIVERSITY OF FLORIDA
B.S. IN BUILDING CONSTRUCTION

LICENSES / CERTIFICATIONS

LEED ACCREDITED PROFESSIONAL
OSHA 30-HOUR CERTIFIED



One Fifty One Biscayne Guard House/Pool House
12,000 SF
\$3.9 Million



Coconut Grove Residence
156,000 SF
\$43 Million



Element Miami International Airport
209 Rooms



New Broward County Courthouse
741,000 SF
\$190 Million



Aventura Parking Garage and Mall Expansion
870,055 SF
\$65 Million



SFRTA Operations Center & Parking Garage
75,000 SF + 4 Story Parking Garage
\$40 Million



Maritime Professional Training Smart Center
30,000 SF
\$2.1 Million



Hialeah Gardens Senior High School
350,000 SF
\$76 Million



3. QUALIFICATIONS OF TEAM

Example Projects Resumes



FRANK GUNN SUPERINTENDENT

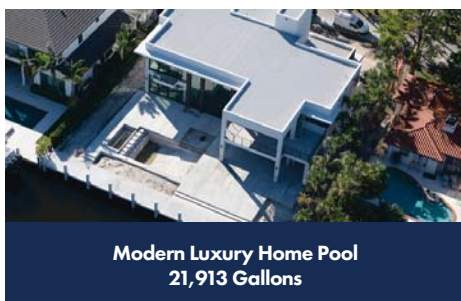
Frank has 50 years of construction experience and will serve as general superintendent on this project. Frank is responsible for the on-site coordination and supervision of the subcontractors on the project, enforcement of site safety, and assuring adherence to the quality standards established for the project. In the performance of these duties, he assists the Project Manager with site mobilization, coordinates and supervises the work of the subcontractors, craft labor, material supplies and trade contractors, conducts contractor coordination meetings, and interfaces with the Owner's and Architect's field representatives.

EDUCATION

MIAMI-DADE COLLEGE
ART/ARCHITECTURE

LICENSES / CERTIFICATIONS

OSHA Construction Safety & Health
Course, Union Carpenter Apprenticeship





3. QUALIFICATIONS OF TEAM

Example Projects

Resumes



IAN NESLTER AIA, LEED AP Principal In Charge

With more than 40 years of experience in architectural design and management, Ian has served as project director and principal in charge for numerous commercial, civic, recreational and mixed-use projects, with a focus on contextual design and sustainability. In his capacity as Principal Planner and Designer, he is responsible for guiding a project's progress from concept to completion assuring the highest level of design while integrating realistic budget, schedule and construction parameters. His excellent communication and partnering skills are critical assets in this process.

EDUCATION

Master of Architecture, Harvard University
Bachelor of Architecture, University of Southern California

REGISTRATIONS/LICENSES

Registered Architect Florida #AR94498
LEED Accredited Professional

MEMBERSHIPS

American Institute of Architects

YEARS OF EXPERIENCE

42

RELEVANT PROJECT EXPERIENCE

Helen Miller Center
Opa Locka, Florida

Park West Recreation Center and Amenity Deck
Fort Lauderdale

Fire Station #49
Fort Lauderdale, Florida

Broward County Four Fire Stations
Broward County, Florida

Lauderhill Public Safety Complex
Lauderhill, FL

McArthur High School Swimming Complex
Hollywood, FL

FLL T4 Western Development, DNC Concessions, Terminal 4 FIS Expansion/Renovation
Fort Lauderdale, Florida





3. QUALIFICATIONS OF TEAM

Example Projects

Resumes



JOBY BALINT AIA, LEED AP Project Manager

PGAL

Joby Balint brings over 20 years of strong civic, and recreational expertise and technical design to the Project Team. He has managed and led the management and production of numerous projects, new and renovated, in South Florida in the last twenty years and has worked closely with both the facilities and users to make sure program, budget and schedule requirements have been achieved. This diverse project background and his ability to effectively work with clients have made him an asset to any team.

EDUCATION

Bachelor of Science, Auburn University
Bachelor of Architecture, Auburn University

REGISTRATIONS/LICENSES

Registered Architect Florida #AR0016653
LEED Accredited Professional

MEMBERSHIPS

American Institute of Architects

YEARS OF EXPERIENCE

23

RELEVANT PROJECT EXPERIENCE

Helen Miller Center
Opa Locka, Florida

Park West Recreation Center and Amenity Deck
Fort Lauderdale

Fire Station #49
Fort Lauderdale, Florida

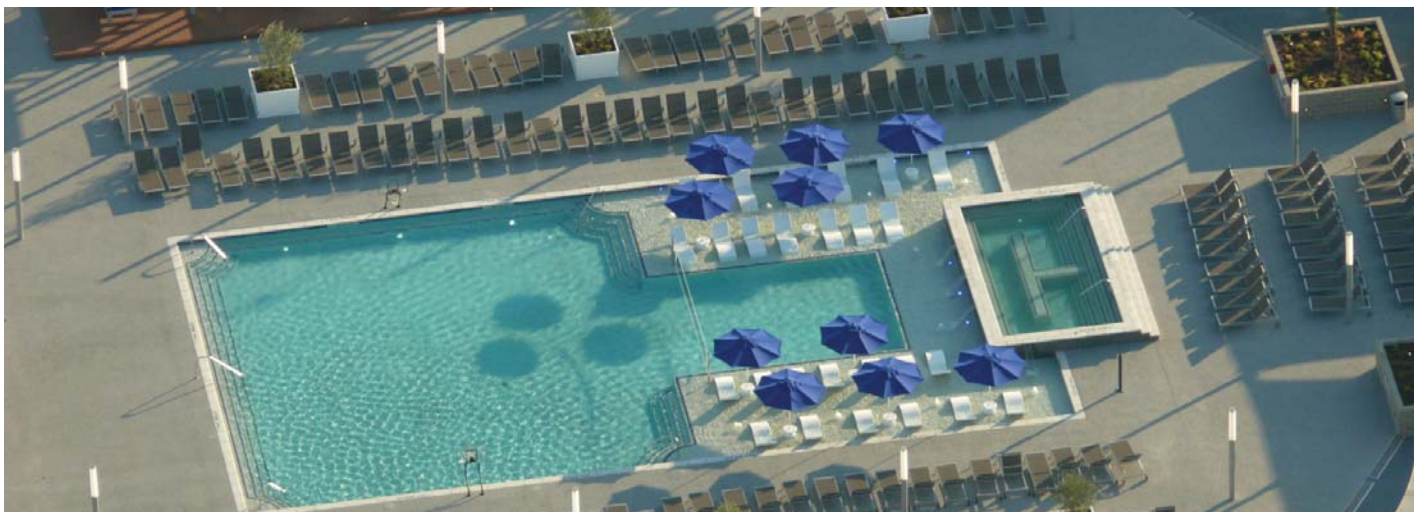
Broward County Four Fire Stations
Broward County, Florida

Lauderhill Public Safety Complex
Lauderhill, FL

Boca Raton Police and Fire Training Facility
Boca Raton, Florida

McArthur High School Swimming Complex
Hollywood, Florida

City of West University Place Recreation Center
West University, TX





3. QUALIFICATIONS OF TEAM

Example Projects

Resumes

STEVE CROCKER, PE

Director of Sport Swimming

Water Technology, Inc. - Beaver Dam, WI



As principal, Steve works closely with owners and coaches to understand how a facility will be used on a day-to-day basis for training, instruction and recreation to design world-class aquatic facilities. He is a licensed Professional Engineer in nine states and is able to lead a project from the initial programming and planning, through construction and operations start-up.

Steve's career began over 30 years ago as an elite swimmer, representing the USA National Team at national and international events and has seen many of the world's greatest facilities from an athlete's point of view. His most notable accomplishments include three-time Olympic Trials participant; two-time National Champion; U.S. Open Champion; NCAA All-American; and NCAA Academic All-American. His highest level of success was in 1992 when he set the World Record in the 50 Meter Freestyle. He continues to be involved in the swimming community as a coach, swim parent, and Masters swimmer.

FEATURED PROJECTS

El Cajon Pool - El Cajon, CA
Montrose Community Recreation Center - Montrose, CO
Elkhart YMCA - Elkhart, IN
Aquatic Center - Franklin, KY
YMCA of Northwest Louisiana, Shreveport, LA
Lovington Community Wellness Center - Lovington, NM
Olympic Trials 2016 - Omaha, NE

EDUCATION

Bachelor of Science,
Mechanical Engineering
University of Kentucky
Lexington, KY

REGISTRATIONS

Professional Engineer: IL, IN, IA, KY,
MI, MN, MO, OH, WI
NSPF Certified Pool / Spa Operator
(CPO)

PROFESSIONAL AFFILIATIONS

American Swimming Coaches
Association (ASCA)
College Swimming Coaches
Association of America (CSCAA)
American Society of Mechanical
Engineers (ASME)
Themed Entertainment Association
(TEA)

YEARS OF EXPERIENCE

4 Years with WTI
15 Years in the Industry

Clover School District/YMCA, Clover SC
University of Tennessee - Knoxville, TN
YMCA of Golden Crescent, Victoria, TX
Garland ISD Aquatic Center - Garland, TX
University of Virginia, Charlottesville, VA
UW Madison SERF Natatorium - Madison, WI
Ashwaubenon Community Aquatic Center - Ashwaubenon, WI
PROJECTS COMPLETED WITH PREVIOUS AQUATIC CONSULTING FIRM
University of South Alabama - Mobile, AL
Cullman Wellness & Aquatic Center - Cullman, AL
Auburn University - Montgomery, AL
Auburn University - Auburn, AL
Birmingham CrossPlex - Birmingham, AL
Chandler High School - Chandler, AZ
Berry College - Mount Berry, GA
Ray and Joan Kroc Community Center - Chicago, IL
Champaign YMCA - Champaign, IL
Northwest Monroe County YMCA - Bloomington, IN
Vincennes University - Vincennes, IN
Lindsey Wilson College - Columbia, KY
Morehead State University - Morehead, KY
Northern Kentucky University - Highland Heights, KY
Warren County School District - Bowling Green, KY
Coppin State University - Baltimore, MD
Georgetown Preparatory School - Bethesda, MD
University of Maryland - Baltimore, MD
Battle Creek Central High School - Battle Creek, MI
Grosse Pointe South High School - Grosse Pointe, MI
Manistee Community Pool - Manistee, MI
Seaholm High School - Birmingham, MI
Skyline High School - Ann Arbor, MI
Wylie E. Groves High School - Beverly Hills, MI
Jefferson Barracks VA Medical Ctr. - St. Louis, MO
Lemay Missouri Recreation Center - St. Louis, MO
Pattonville Recreation Center - Pattonville, MO



WATER TECHNOLOGY INC.

WORLD LEADERS IN AQUATIC PLANNING, DESIGN AND ENGINEERING



3. QUALIFICATIONS OF TEAM

Example Projects Resumes

MATTHEW W. FREEBY, AIA, LEED AP, NCARB

Project Leader



Matthew Freeby, AIA, LEED AP, NCARB, has served Water Technology, Inc. (WTI) as Senior Project Manager since 1997 and has extensive experience in the design and construction of numerous building types and structures, including municipal, institutional and commercial projects throughout the United States. Holding Masters Degrees in both Architecture and Construction Management and 25 years of experience, he is a tremendous resource at WTI. Matt is relied upon to define project scope, goals and deliverables that support WTI's business goals in collaboration with senior management. He helps to determine and assess need for additional staff and/or consultants and make the appropriate recruitments if necessary during project cycle. He is a mentor who helps to motivate and supervise project team members and contractors, and influence them to take positive action and accountability for their assigned work. He has been involved in over 200 aquatic projects ranging from \$1 million to \$100 million in aquatics budgets. His project experience ranges from conceptual planning to construction management. A registered Architect in 22 states and a NSPF Certified Pool/Spa Operator, Mr. Freeby is a LEED Accredited Professional with an advanced depth of knowledge in green building practices and sustainable aquatic design and operations. Matt's attention to detail and persistent pursuit of excellence provides the industry benchmark in aquatic design.

Education

Master's Degree, Architecture,
Washington University,
St. Louis, Missouri

Master's Degree, Construction
Management, Washington University,
St. Louis, Missouri

Bachelor of Arts, Architecture, Washington
University,
St. Louis, Missouri

Registrations

Architect: AL, AR, CA, DE, FL, HI, IN, LA,
MI, MN, MO, NE, NJ, NM, NV, NY, OK,
RI, TN, UT, WA, WI

LEED AP

NSPF Certified Pool / Spa Operator
(CPO)

Professional Affiliations

American Institute of Architects (AIA)
National Council of Architectural
Registration Boards (NCARB)

Years with WTI:

18 Years

Years with other Firms:

13 Years

Schools/Universities Projects (Partial List) as Sr. Project Manager:

University of Alabama, Birmingham - Birmingham, AL
Lakeshore Foundation Multipurpose Facility - Birmingham, AL
Adams 12 Five Star Schools - Thornton, CO
Hinkley High School - Aurora, CO
Woodrow Wilson Aquatic Center - Washington, DC
Delaware State University Aquatic Center - Dover, DE
Kennesaw State University - Kennesaw, GA
Macon State College - Macon, GA
Collins High School - Chicago, IL
East Aurora High School Pool - Aurora, IL
Glenbrook North High School - Northbrook, IL
Glenbrook South High School - Glenview, IL
Gwendolyn Brooks College Preparatory Academy - Chicago, IL
Township High School District 211 - Hoffman Estates, IL
McLean County School - Normal, IL
Mundelein High School - Mundelein, IL
Niles North High School - Skokie, IL
Northwestern University Norris Aquatic Center - Evanston, IL
Oak Park School District Leak Evaluation - Oak Park, IL
East Lansing High School - East Lansing, MI
Eaton Rapids High School - Eaton Rapids, MI
Marshall MI Marshall High School - Marshall, MI
Royal Oak High School - Royal Oak, MI
Olympic Swim Trial Pools - Omaha, NE
Ohio Wesleyan University - Delaware, OH
Western Oregon University - Monmouth, OR
Marywood University - Scranton, PA
University of Memphis - Memphis, TN
Kingwood Park High - Kingwood, TX
University of Texas at Brownsville Wellness, Recreation & Kinesiology Complex - Brownsville, TX
Snohomish School District No. 201 - Snohomish, WA
Creekview Aquatic Center at the Evergreen Retirement Community - Oshkosh, WI
Shepherd University - Shepherdstown, WV



WORLD LEADERS IN AQUATIC PLANNING, DESIGN AND ENGINEERING



3. QUALIFICATIONS OF TEAM

Example Projects Resumes

Jeffrey S. Crews PE, LEED AP

Senior Project Engineer, Civil



Mr. Crews, with over 29 years of experience, has been Design Engineer and Project Manager on various projects in the field of structural and civil engineering. Mr. Crews' civil experience has included the preparation of utility relocation plans, drainage analysis, development of traffic control, and stormwater pollution prevention plans. Mr. Crews also has extensive design, construction inspection, and administration experience in all types of building structures.

EDUCATION

Bachelor of Science in Civil Engineering, Cum Laude, University of Miami, Miami, Florida, 1988
Certified, Masonry Inspector, No. SMI-74, 2012

REGISTRATIONS

Professional Engineer #46575, State of Florida
LEED Accredited Professional, U.S. Green Building Council

PROJECT EXPERIENCE

Fort Lauderdale 'Hall of Fame' Aquatic Center, Fort Lauderdale, Florida
Project Manager and Lead Civil Engineer for this world class competition swimming and diving facility on Fort Lauderdale Beach. The project includes two 50 meter pools and a dive pool with competition 10 meter dive tower. The warm-up pool is at grade level while the main competition pool and dive pool are located on the roof of a parking garage with over 500 hundred spaces. The project includes a five story building with staff offices, meeting spaces, banquet facilities and training rooms. The facility includes permanent spectator seating for over 2500 patrons with the potential for expansion in special event mode. Services included water, sewer, drainage and all aspects of Civil Engineering design and permitting.

Mitchell Moore Aquatic Center, Pompano Beach, Florida
Project Manager for this project which involved the replacement of an outdated pool complex into a competition aquatic facility. A new 25-yard pool with integral dive well was constructed for competition swimming and diving. The pool also included an extended shallower area for water aerobics and learn-to-swim instruction. A support building included restrooms, locker rooms, concession, lifeguard break room, ticketing window, office, and equipment room.

South Broward Aquatic Facility

Project Manager and Lead Civil Engineer responsible for the development of a competitive high school aquatic facility with a 25-meter pool with integrated dive well and a learn to swim pool. The project included a support building with locker rooms, equipment rooms and offices. The project site was extremely confined and required close coordination of all disciplines to fit the facility within an active high school campus.

Community Park Aquatic Center, Pompano Beach, Florida

Project Manager for the Community Park Aquatic project that involved the expansion of an outdated pool complex into a state-of-the-art competition aquatic facility. A new 50-meter x 25-yard pool with integral dive well was constructed for competition swimming and diving. The pool also included a shallower L-shaped section for water aerobics and learn-to-swim instruction. The existing T-shaped pool was renovated to provide additional space for recreational and instructional activities. A support building included restrooms, locker rooms, concession, lifeguard break room, ticketing window, office, and equipment room.

Grapeland Park Aquatic & Sports Complex, Miami, Florida

Project Manager and Lead Civil Engineer responsible for the design for a 20-acre, \$20 million urban park. The scope of the project included a water theme park as well as state-of-the-art baseball tournament complex, playground and multiple support buildings. The aquatic complex included 2 artistically themed water play structures, a lazy river and multi-purpose pool. Services included master planning and full implementation of the project for Civil and Architectural components. Civil improvements included extensive drainage facilities and water and sewer main expansion.



3. QUALIFICATIONS OF TEAM

Example Projects Resumes

Jeffrey S. Crews PE, LEED AP

Senior Project Engineer, Civil



Gibson Park, Miami, Florida

Senior Civil Engineer for the complete reconstruction of an existing 9.4-acre park in the historic Overtown section of Miami into a Gold Certified LEED facility. The project included a 6700 SQ recreation building and aquatic facility with competitive and recreational swimming components. It also includes a new artificial turf multipurpose field for baseball and football. The field incorporates covered stadium seating for 1500 patrons. In a second phase, a 22,000 sf gymnasium building has been added with 2 full size wood courts, concession room and multiple meeting spaces. Additional elements included picnic shelters, playground, exercise equipment and parking.

Jacobs' Aquatic Center, Key Largo, Florida

The Upper Keys Community Pool Association selected the firm as the lead designer of the Design/Build team to provide architectural and engineering services for the Jacobs' Aquatic Center. The project includes a pirate ship play pool structure; zero edge teaching pool and an eight lane Myrtha competition pool and diving well. The building houses ADA accessible toilets and locker facilities, offices, snack bar, elevator, aerobic workout rooms and meeting rooms. Construction challenges included excavation of coral rock for installation of a dive well and environmentally sensitive lands adjacent to property. Groundwater dewatering proved complex and required the use of desilting ponds prior to discharge into pristine Florida waters.

CB Smith Aquatic Center, Broward County, Florida

Project Manager and Lead Designer on the site development for a new 4-acre multi-feature aquatic facility in CB Smith Park in Pembroke Pines. This Design/Build aquatic center project consisted of two large water activity playgrounds, a lazy river innertube ride and the rehabilitation of the existing flume ride. The project also involved a new remote concession building as well as renovation of the existing bathhouse. The project involved permitting, paving, grading, drainage, utilities and geometry for site as well as structural design of the site features including access boardwalks and retaining walls.

Croissant Park Aquatic Center, Fort Lauderdale, Florida

Project Manager and Lead Designer on the site development for a new aquatic facility. The project involved paving, grading, drainage, utilities and geometry for site which was located on school board property. Utilities included the design and permitting of a small lift station and force main for sanitary purposes.

Lauderdale Manors Aquatic Center, Fort Lauderdale, Florida

Project Manager and Lead Designer on the site development for a new aquatic facility. The project involved paving, grading, drainage, utilities and geometry. Utilities included the design and permitting of a small lift station and force main for sanitary purposes.

Miramar Aquatic Center, Miramar, Florida

Project Manager on the site development for a new aquatic facility. The project involved paving, grading, drainage, utilities and geometry for site.

FIU Multi-Purpose Fields, Miami-Dade County, Florida

Project Manager for consulting services for the multi-purpose practice fields on the Modesto Maidique Campus of FIU. The complex includes one artificial turf field and one prescription turf field. The complex will be the primary practice facility for the Division I football team led by Butch Davis. The University will use the complex for intramural competitions when not in use by the football team. The project includes a 3,500 SF restroom and storage building to complement the usage of the field elements. The fields are also lit for night usage with LED sports lighting that function with approximately half of the energy usage of traditional sports lighting.

Hunters Manor Park, Pompano Beach, Florida

Project Manager and Lead Civil Engineer for the Development of an 8.5 acre multi-purpose neighborhood park in an underserved neighborhood in Pompano Beach. The project included a basketball court, tennis court, playfield, playground, picnic facilities with supporting parking and restroom building. Services included full design, permitting and construction administration.



3. QUALIFICATIONS OF TEAM

Example Projects Resumes



RESUMES

Sri S. Sritharan, P.E.
Principal

Mr. Sritharan has been involved in structural engineering design, construction administration of buildings and project management for over 26 years. He has experience in nearly all types of building materials and structural framing systems used in construction today and in the past century. He has completed over two thousand projects of small additions costing few thousands to airport terminals and medium rise buildings costing over \$150 million.

Mr. Sritharan is the founder and principal of S & F Engineers, Inc. His responsibilities include project management, quality control of engineering products and marketing engineering services.

RELEVANT PROJECT EXPERIENCE

Cruise Terminal 4 Remodeling, Port Everglades Fort Lauderdale, Florida

Mr. Sritharan is serving as the project manager for this \$19 million project that includes major renovation of the terminal to allow simultaneous embarkation and dis-embarkation of the cruise passengers. The new work included a new building inside the terminal for the Customs & Border Protection offices (CBP), added Federal Inspection Services (FIS) areas, expanded second floor with new vertical circulation core, added passenger boarding bridges and extensive canopy system in the passenger drop-off areas.

Terminal 4 International Baggage Re-Check Facility, Fort Lauderdale/Hollywood International Airport

Mr. Sritharan served as the project manager for this \$6 Million addition to the terminal to screen and check the international passenger's baggage after customs clearance. Design of this phase of the project was completed in about two months and the construction was completed in 3 month. S & F Engineers, Inc. worked closely with the design team, airport program managers and the contractor to meet an extremely demanding schedule.

FIS Expansion, Terminal-4, Fort Lauderdale/Hollywood International Airport

This \$21 million project consisted of expansion of the existing 3 story building to accommodate new airline ticket offices, Customs and Border Protection (CBP) offices and processing areas, Federal Inspection Services (FIS) operations and baggage handling systems. The project also included design of airside canopy to accommodate baggage handling system and a 3-story emergency stair tower. S&F Engineers, Inc. also provided the Threshold Inspector Services for the facility.

Terminal-4 Concourse Replacement Ft. Lauderdale/Hollywood International Airport

Mr. Sritharan is serving as the principal-in-charge of this project that re-aligns the concourse in east-west direction and increase the number of gates to 14 with 12 international gates. The project will be built in three phases and expect to cost over \$200 million. The project is a key component of the airport's expansion program that also adds a new south runway.

Experience

16 years with S & F
21 years in South Florida
26 years in U.S.A.

Education

Vanderbilt University, 1990
M.S. in Structural
Engineering

Indian Inst. of Tech., 1988
B.S. in Civil Engineering

Licenses

Professional Engineer
Florida – 51133
Georgia – 22178
New York -093081-1

Special Inspector
Florida - 2025

Professional Affiliations

- Fl. Structural Engineers Association (FSEA)
- Structural Engineering Institute (SEI)
- American Society of Civil Engineers (ASCE)
- American Institute of Steel Construction (AISC)



3. QUALIFICATIONS OF TEAM

Example Projects Resumes



RESUMES

Sri S. Sritharan, P.E.
Principal

New Terminal 1, Ft. Lauderdale/Hollywood International Airport

Mr. Sritharan served as project engineer and project manager while working for a prominent Ft. Lauderdale firm from 1997 through 2000. He was responsible for most of the structural design, preparation of drawings, coordination and support services during construction of this \$72 Million Terminal facility with Concourse C.

Terminal 3 Security Checkpoint Expansion, Fort Lauderdale/Hollywood International Airport

Construction work in a busy airport is a challenging proposition. One that involves relocating four escalators and two stairs, in addition to replacing two elevators requires careful planning, well thought-out detailing and specifications. S&F was up to the challenge and provided design and special inspection services for the project.

Concourse H Security Checkpoint Expansion Fort Lauderdale/Hollywood International Airport

The project consisted of remodeling of the existing ramp area and security checkpoint areas to add new passenger screening lanes.

Broward County Courthouse, East Wing Wind Mitigation, Fort Lauderdale, FL

Mr. Sritharan served as the project manager for the nine story building hardening project mostly funded by FEMA. The work included inspections and design for the replacement of all exterior glazing, louvers and skylights with new wind and impact resistant products. As part of the wind damage mitigation, designs for all roof top equipment tie-downs or bracing were included. The project funding came with rigid deadline for completion of all construction work. This required the design team to complete all site investigations, planning and construction document preparation on an expedited schedule. In addition to meeting the latest building codes requirements for hurricane winds, S&F designed and prepared design calculations in accordance with FM Global guidelines and won approval.

Broward County Fleet Services #3, Vehicle Maintenance Building Wind Mitigation, Pompano Beach, FL

Mr. Sritharan served as the project manager and design engineer for hurricane wind upgrade for this facility. The work included replacement of all doors, windows and louvers. S&F was contacted by the architect after the engineer initially selected for the project was unable to meet the project schedule and FM Global and FEMA requirements for design and documentation. S&F was able to assist the architect and the County get the project back on schedule and complete the design.

JAFCO Respite & Residential Center, Sunrise, FL

The project involves three (3) identical single story residential buildings with approximately 5,500 total sq. ft. each and a two story Multi-Purpose facility with approximately 46,000 sq. ft. The residential buildings consist of exterior reinforced masonry walls and concrete columns as load bearing elements. The roof may consist of pre-fabricated wood trusses or precast concrete slab system.

Public Services/ Fire Station Facility, 6500 Parkside Drive, Parkland, FL

The project consisted of renovation and addition of the existing single story 3,660 sq. ft. building (used to be the City Hall) for a new Fire Station. The approximate size of the facility is 10,000 sq. ft. Construction Cost: \$ 2,100,000. The design team provided innovative solutions to keep and upgrade the existing structure and designed the addition to meet the strict budget requirements for the project.

S & F ENGINEERS, INC. 2925 W. Cypress Creek Road, STE 200, Fort Lauderdale, FL ,33309; www.sfengineers.com.

Page 2



3. QUALIFICATIONS OF TEAM

Example Projects Resumes

Donata Williams Beasley, P.E., MBA, LEED AP, CM-BIM **Principal**



Ms. Williams is a Structural Engineer with more than 14 years of experience of analysis, design and managing construction of various types of structures for the governmental, commercial, aviation, educational and residential sectors. She utilized various computer aided analysis and design tools such as Ram Structural System, Ram Concept, Ram Advance, Adapt, PCA Walls, and AutoCAD. She has also been trained in Revit Structure 2012.

Ms. Williams is a LEED Accredited Professional who worked on one of the first LEED certified buildings in Florida. She has worked on several other buildings that have completed construction and are pursuing LEED certification and is currently involved in two other LEED projects.

Ms. Williams was one of the first 3 people in the state of Florida to receive her CM-BIM certification.

Ms. Williams's responsibilities include project management, office standards, quality control of engineering products and marketing.

RELEVANT PROJECT EXPERIENCE

City of Miramar Police Head Quarters Facility, Miramar, FL

Ms. Williams is serving as the project manager for this four-story, 65,000 sq. ft., \$23 million facility designed to withstand extreme hurricane wind loads. The building exterior walls and framing are also designed to mitigate damage from explosive blasts and to prevent progressive collapse. This design-build project is currently under construction and is expected to be completed by February 2016.

Helen Miler Center, Opa Locka, FL

Ms. Williams served as project manager for this design build, two-story efficient building with approximately, 6,200 sq.ft., that was completed in December 2013. The project consisted of the demolition of the existing building and replacement of a new building designed in the Moorish Style. The building will serve multi-purposes such as: community hall, restroom, kitchen facility, offices, operation rooms, and storage room. The Helen Miller Center will also serve as a hurricane shelter while complying with the city's need.

Parkland West Fire Station, Parkland FL

A \$3.1 million, 11,000 sq. ft. new fire station facility with offices for the city of Parkland building department was designed using BIM by Ms. Williams led team of engineers and technicians. The project was completed in February 2015.

Foster Park Community Center, Hallandale Beach, FL

Ms. Williams served as project manager and special inspector for a new one-story Community Center building with approximately 9,130 sq. ft. to house a banquet hall, library, classroom, a small gymnasium and support spaces. She did most of the analysis, design and detailing for this CMU, bar joist, composite bar joist and cold form steel trusses. Approximately half of this one-story building was designed for a future second floor. The project was completed in 2012.

Experience

16 years

Education

University of Florida, 2011
Master of Business
Administration

North Carolina Agricultural
and Technical University,
2002

M.S. in Architectural
Engineering with a
Structures Concentration

University of Florida, 2000
B.S. in Civil Engineering

Licenses

Professional Engineer
Florida – 67337
North Carolina – 036136
New York -093022-1

Special Inspector
Florida – 7018699

LEED Accredited Professional
CM-BIM Certification

Professional Affiliations

- Fl. Structural Engineers Association (FSEA), Secretary
- American Society of Civil Engineers (ASCE)

Structural - Consulting

www.sfengineers.com



3. QUALIFICATIONS OF TEAM

Example Projects Resumes

Donata Williams Beasley, P.E., MBA, LEED AP, CM-BIM Principal



Urban League of Broward County: Community Empowerment Center, Fort Lauderdale, FL

Ms. Williams served as project manager and special inspector for this two-story building that was completed in May 2012. This multi-purpose facility has approximately 30,000 sq. ft. of floor area housing new offices for the Broward County Urban League, as well as large meeting rooms and training rooms. The building also includes a two story space with allowance for future 2nd floor addition. This facility was constructed with tilt-up, composite steel floors, bar joist low roof and a cast-in-place concrete high roof. This project was completed in 2012.

JAFCO – Respite & Residential Center Sunrise, FL

Ms. Williams was the project manager and threshold inspector for this project that includes a 33,000 sq. ft. two-story, multi-purpose facility constructed of steel framing at the roof, precast and cast-in-place concrete at the floors, and masonry bearing walls. In addition there are three 5,500 sq. ft. one-story residential buildings constructed with a cast-in-place concrete roof using special Styrofoam formwork (a specialty formwork that stays in the building and provides insulation) and masonry bearing walls. There are also three auxiliary buildings and miscellaneous site structures constructed with concrete and masonry. This project was completed December 2013

Terminal 4 Concourse Replacement – Western Expansion Fort Lauderdale/Hollywood International Airport

Ms. Williams is serving as the structural engineering project manager for the \$90 million, phase I work for the concourse replacement of Terminal 4 as part of the airport's expansion program. The project includes a connector bridge between existing Terminal 3 and the new 6 gate international concourse with four story offices for the Broward County Aviation Department. The project is currently under construction and expected to be completed in late 2016. She also designed and managed several enabling projects at the existing Terminal 4 and Terminal 3, including relocation of the security checkpoint, baggage handling system replacement and food court replacement.

Terminal 4 Concourse Replacement – Eastern Expansion Fort Lauderdale/Hollywood International Airport

Ms. Williams served as the lead design engineer and project manager for this two phase construction project that is expected to cost over \$100 Million. The project will add eight new international gates, offices for the aviation department and FIS corridors and screening facility. Existing concourse will be in operation during first phase of this project and will be demolished before the second phase. The requirements to keep the busy airport in continuous operation greatly added to the complexity to the design. The project is currently under construction work is expected to be completed in late 2017.

Structural - Consulting

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3. QUALIFICATIONS OF TEAM

Example Projects Resumes

Chris T. Schmidt, P.E. Professional Engineer



Mr. Schmidt has over twenty years of experience in federal, municipal, industrial, educational, commercial, and residential projects. He has been continuously licensed as a Professional Engineer for over the past sixteen years. He is proficient in checking and/or providing design calculations, reports, estimating, construction drawings and specifications, shop drawings, and construction site visits.

RELEVANT PROJECT EXPERIENCE

Renovation of Terminal 25 at Port Everglades, FL

Mr. Schmidt is serving as the project Engineer for Terminal 25 Expansion that includes remodeling of the existing building to add a second floor over most of the foot print and addition to the north to accommodate a Freedom Class cruise ship and simultaneous embarkation and disembarkation of passengers, increasing the total building area from 52,000 sq. ft. to approximately 145,000 sq. ft. in three levels, featuring extensive curtain walls, roof overhangs with skylights and perforated metal panels and media mesh covered exterior walls. The new terminal also includes a separate single-story building with 10,000 sq. ft. area for baggage screening and cantilevered walkway canopies. In addition, the project included addition of an addition to Terminal 21 located across the roadway to house new FPL vault and generator as well as modification to a large concrete framed canopy.

Terminal 4 Concourse Replacement – Eastern Expansion Fort Lauderdale/Hollywood International Airport

Mr. Schmidt is providing structural engineering services for this two phase construction project that is expected to cost over \$100 Million. The project will add eight new international gates, offices for the aviation department and FIS corridors and screening facility. Existing concourse will be in operation during first phase of this project and will be demolished before the second phase. The requirements to keep the busy airport in continuous operation greatly added to the complexity to the design. The project is currently under construction and expected to be completed in 2018

Uranium Processing Facility, Y-12 Oak Ridge, TN, 2016

Mr. Schmidt provided structural design and seismic qualification of custom material handling and process/containment equipment (primarily gloveboxes) within multi-building facility. The structural analyses of gloveboxes are supported by detailed finite element analysis, seismic analysis (in accordance with ASCE 7) and a combination of stainless steel framing member design (in accordance with ASCE 8), plate and shell design and connection design. Process piping design is also provided in accordance with ASME B31.3. Responsibilities within the Specialty Mechanical group included structural analysis and design calculations, documents and reports, coordination of structural design with other disciplines or other project design groups and supporting the Specialty Mechanical group managers. Cost \$4.2 to \$6.5B.

Uranium Processing Facility, Y-12 Oak Ridge, TN, 2015

Mr. Schmidt provided structural steel and connection analysis/design for the construction phase of process equipment supports (skids) within multi-building facility. These support designs were documented in engineering design calculations along with being drafted in a 3-D model to ensure equipment and their supports satisfy project design criteria. Structural steel 2-D construction drawings are being extracted from the 3-D model. The seismic design of the equipment supports was performed in accordance with the seismic criteria in ASCE-7. As structural engineer within the Civil/Structural/Architectural (CSA) group, responsibilities included reviewing: estimates and schedules, structural analysis and design calculations, documents and reports, coordination of structural design with other disciplines or other project design groups, supporting the CSA engineering group supervisors. Cost \$4.2 to \$6.5B.

Uranium Processing Facility, Y-12 Oak Ridge, TN, 2014

Mr. Schmidt provided structural steel analysis/design for the construction phase of process equipment supports (skids) within multi-building facility. These support designs were documented in engineering design calculations along with being drafted in a 3-D model to ensure equipment and their supports fit within the building. Structural steel 2-D construction drawings are being extracted from the 3-D model. The seismic design of the equipment supports was

Experience

Over 20 years

Education

University of Tennessee, 1996
M.S. in Civil Engineering

University of Oklahoma, 1994
B.S. in Civil Engineering

Licenses

Professional Engineer
Florida – 81919
Nevada – 019952
Tennessee – 105806



3. QUALIFICATIONS OF TEAM

Example Projects Resumes

Chris T. Schmidt, P.E. Professional Engineer



performed in accordance with the seismic criteria in ASCE 43-05 and ASCE 7. As structural supervisor within the process design group, responsibilities included reviewing: estimates and schedules, progress reports, structural analysis and design calculation documents, summary reports for other project design groups, structural data for equipment specifications, coordination of structural design with other disciplines or other project design groups, and verification of the 3-D structural modeling adherence to the structural design calculations. Cost \$4.2 to \$6.5B.

Uranium Processing Facility, B&W Y-12 Oak Ridge, TN, 2011-2014

Mr. Schmidt provided preliminary structural steel analysis and design of process equipment supports (skids) within the 350,000-sq ft. building. These support designs were documented in engineering design calculations along with being drafted in a 3-D model to ensure equipment and their supports fit within the building. The seismic design of the equipment supports was performed in accordance with the seismic criteria in ASCE 43-05 at SDC-3, Limit State D. As structural supervisor within the process design group, responsibilities included reviewing: estimates and schedules, structural analysis and design calculation documents, structural data for equipment specifications, coordination of structural design with other disciplines or other project design groups, and verification of the 3-D structural modeling adherence to the structural design calculations. Cost \$4.2 to \$6.5B.

Uranium Processing Facility, Y-12 Oak Ridge, TN, 2014

Mr. Schmidt provided structural steel analysis/design for the construction phase of process equipment supports (skids) within multi-building facility. These support designs were documented in engineering design calculations along with being drafted in a 3-D model to ensure equipment and their supports fit within the building. Structural steel 2-D construction drawings are being extracted from the 3-D model. The seismic design of the equipment supports was performed in accordance with the seismic criteria in ASCE 43-05 and ASCE 7. As structural supervisor within the process design group, responsibilities included reviewing: estimates and schedules, progress reports, structural analysis and design calculation documents, summary reports for other project design groups, structural data for equipment specifications, coordination of structural design with other disciplines or other project design groups, and verification of the 3-D structural modeling adherence to the structural design calculations. Cost \$4.2 to \$6.5B.

EMWMF 5-year Tank Integrity Test, B&W Y-12 Oak Ridge, TN, 2012

Mr. Schmidt provided the independent monitoring of a periodic integrity assessment program that ensures eight aboveground leachate storage tanks as well as associate piping and equipment continue to be fit for use. Deliverables include providing the integrity testing results attached to a sealed letter report.

AFCEE 4P A-E Services, Air Force Client 2009-2011

In accordance with state regulations: Mr. Schmidt prepared and sealed design drawings and waste capacity calculation for the construction and future closure of a new Class II landfill site to receive on average 2 tons of waste per day for a 20 year lifespan within a 39-acre area. Also prepared and sealed design drawings for the closure cap of an existing 20-acre sanitary landfill site that received on average 2 tons of waste per day over the past 15 years. Cost \$750K.

Construct Navigator Campus, Package B, Facility Fit Out, Naval Client 2009-2011

Mr. Schmidt provided all labor, equipment, material, shipping, and associated or required costs to complete the construction of the Navigator Campus. Materials included all interior utilities, mechanical, plumbing, architectural, security, access control systems, and other requirements as identified in the drawings and specifications of package B, which includes 55,000-sqft of buildings. Prepared design drawings and calculations for the seismic restraint of electrical utilities within the ceiling plenum space of the buildings. Serving as a structural engineer for Title II construction effort of the project along with providing procurement and estimating services.

Building B485 Paint Spray Booth, Air Force Client 2009-2010

Mr. Schmidt prepared and sealed structural foundation design documents for the support of a 22,000-sqft pre-engineered tension fabric structure (TFS) enclosing a 9,600-sqft pre-engineered paint spray booth (PSB). Coordinated and reviewed TFS and PSB structural drawing submittals. Provided structural support during Title II construction effort of this \$4.8M project, including supplemental restraint design of the tension fabric to the foundation. Design basis for this project was government provided performance specifications.

S & F Engineers, Inc.

www.sfengineers.com