



PEREZ ENGINEERING & DEVELOPMENT, INC



"Committed to Your Success"

Key West Office:

1010 Kennedy Dr. Suite 400, Key West, Florida 33040

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Tampa Office:

Concourse Center IV, 3507 East Frontage Road, Suite 140, Tampa, Florida 33607-7013, Tel: (813) 579-1617 • Fax: (813) 288-0710



**RE: Letter of Introduction
Professional Civil Engineering Services**

Prospective Client:

The purpose of this letter is to provide you with a brief introduction to myself and my company. I am a registered professional civil engineer and have been providing engineering services throughout West Florida for over thirteen years. I received a Bachelor Degree in Civil Engineering from Florida International University in Miami, Florida in 1995. I worked for several firms in the SW Florida area, including Agnoli, Barber and Brundage and RWA, Inc. until relocating to Tampa in 2005.

I have also served as Director of Engineering and Land Acquisition for Gates McVey, a commercial construction and development firm and as Vice President of Community Development for Kimball Hill Homes one of the nations largest private builders.

Perez Engineering & Development, Inc. was founded in 1999 and opened an office in Tampa in 2006. We provide professional civil engineering services to the public, private, and military sectors. We have been one of the City of Key West's General Stormwater and Wastewater Consultants for over five (5) years. I would greatly appreciate the opportunity to further discuss our experience and capabilities. We have enclosed a very brief company profile for you to review.

Please contact us regarding any potential opportunities for us to assist you. We will use our experience to enhance project by providing knowledgeable consultation and cost-effective planning and civil engineering services.

Sincerely,

Rick Joudrey, P.E.
Senior Engineer

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Resume

Rick Joudrey, P.E.
Senior Engineer

Experience Summary

Mr. Joudrey has a combined experience of more than twenty (20) years of commercial and residential construction, land entitlements, site development and development planning and design. His experience includes the management and technical preparation of master plans, construction documents, permit submittals, and executive oversight of and fiscal responsibility for several residential communities.

Primary Experience

- During the past four (4) years, Mr. Joudrey has led the activities in an executive capacity for commercial and residential developments on the West Coast of Florida.
- His primary responsibilities were acquiring and developing cost effective and market driven commercial and residential development.
- As a consulting engineer he developed a good relationship with reviewers in West Florida municipalities.
- His philosophy is simply to provide the highest and best use of all assets in the production of quality and sustainable development.

Projects

- **Sawgrass Creek**, New Port Richey. 140 unit condominium development. Provided complete acquisition, design and permitting, and construction leadership for this project. Achieved 15 du/acre on this previously commercially zoned shopping center location. Accomplished savings in turn lane requirements through a sound access strategy. Formulated a set of condo documents providing maximum flexibility for future market changes.
- **Stone Creek**, Valrico. 188 acre, 82 unit single family residential development. Provided complete acquisition, design and permitting leadership for this project. Brought to full entitlement a very tough natural setting upscale development. Final site plan achieved retention of 85% of the natural vegetation. All Grand Oaks were preserved along with the majority of Oaks 14" and up preserving the premium of the natural environment of this development.

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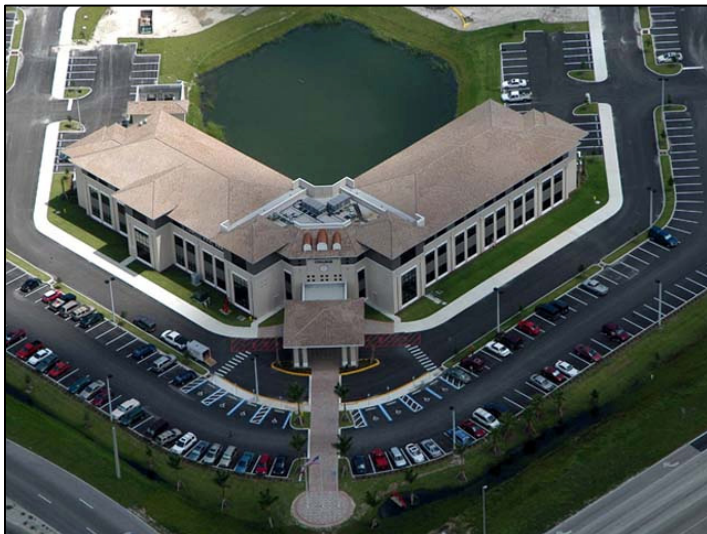
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Ashton Oaks, Wesley Chapel. 440+ unit multifamily and single family residential subdivision. Provided design and permitting, and construction leadership for this project. Was instrumental in providing the maximum efficiency in the balance between quality and cost. Instituted cost effective design guidelines assuring a sustainable development.

- **Palmer Oaks, Sarasota.** 242 unit condominium development. This carriage home development was 70% permitted upon my takeover. I redesigned the stormwater management system saving in excess of \$250,000. In addition I spearheaded a redesign of the carriage homes allowing a pick up of 20% additional units that were left on the table. Completed construction of phase one in record time. Formulated a set of condo documents providing maximum flexibility for future market changes.
- **Ventura Village, Venice.** 300 unit single family residential development. This development was constructed by the seller. Performed inspection services during construction and final acquisition of the finished lots.
- **Terra Vista, Estero.** 167 unit multifamily and single family residential development. Provided ongoing community and HOA management and completion of Phase 2 development.



Hodges University, Fort Myers Campus. 28,000 SF college campus. Complete design and permitting services. Achieved maximum access capabilities through negotiations with FDOT providing the college with a necessary signatures entrance. Convinced the City of Fort Myers to substitute a continuous curb stop landscape median in lieu of parking islands saving in parking lot construction costs as well as maintenance requirements.

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- **Valencia Golf and Country Club**, Naples. 835 unit single family residential development. Provided complete permitting service through SFWMD, Collier County for DR Horton. Revised previous layouts to provide maximum premium opportunities with pie shaped corner lots and angled lot lines producing a more pleasing appearance of the finished development.
- **Valencia Lakes**, Naples. 525 unit single family residential development. Provided complete permitting service through SFWMD, Collier County for Beazer Homes. Revised previous layouts to provide maximum premium opportunities with pie shaped corner lots and angled lot lines producing a more pleasing appearance of the finished development.



Northbrooke Professional Center, Naples. 135,000 SF professional center. Maximum entitlements were achieved by using unique building footprints.

- **Shoppes at Pebblebrooke**, Naples. 50,000 SF commercial strip mall. Maximized this site to 8,000 SF plus per acre through an efficient combination of water management, parking layout and building design. Achieved multiple streams of income by including a stand alone 2 story office building next to the retail strip mall. 3 additional outparcels achieved immediate income during a time of high outparcel demand.



Andrews Medical Center, Cape Coral. This site was maximized by extending a portion of the building over the access drive. Enough room was saved to allow for a phase II expansion of a standalone 12,000 SF building. Complete design/space planning.

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- **Orangetree PUD, Naples.** 1700 acre mixed use development. Performed consulting strategies in formulating an expansion of the existing PUD.



HBK Office Building, Fort Myers. This time enough additional space was achieved to allow for a beautiful conference room. Complete engineering and permitting.

- **Bank of America, Naples and Bonita Springs.** Complete engineering and permitting.
- **SunTrust Bank, Naples.** Complete engineering and permitting.
- **5/3 Bank, Naples.** Complete engineering and permitting.
- **Santa Barbara PD&E Study, Naples.**
- **Lee Boulevard, Fort Myers.** Prepared MOT plans for a 2.3 mile expansion of this FDOT roadway.
- **Southwest Florida Water Management, SW Florida Flood Study.** Did research and preparation of report.

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RESUME

Rhonda Scott Brewer, M.L.A.
Senior Development Manager

Experience Summary

Mrs. Brewer has been creating master planned community developments for over 11 years with specialized expertise in entitlements, permitting, envisioning, master planning, landscape architecture, project management and construction administration. Her sustainable development practices combined with strong aesthetic principles resulted in some of the fastest selling communities in Tampa Bay, achieving numerous local, state, and national awards. Mrs. Brewer has the proven ability to deliver cost effective strategies increasing shareholder values.

Primary Experience

- During the past 4 years, Mrs. Brewer successfully led the entitlement and permitting efforts for a 7,000 acre Development of Regional Impact, known as Bexley Ranch, obtaining 24 regulatory approvals in accordance with business plan objectives.
- As one of the primary visionaries behind FishHawk Ranch, Mrs. Brewer led the design and implementation of \$40 million in community amenities including club houses, aquatic centers, urban plazas, neighborhood entries, parks, and trail systems.
- As former chairman of the FishHawk Ranch Architectural Control Committee Mrs. Brewer worked extensively with local and national home builders creating new home plans inspired by traditional southern architectural styles.
- Her philosophy is to capture the natural beauty of the land increasing its intrinsic value while employing principles that respect both the environment and the bottom line.

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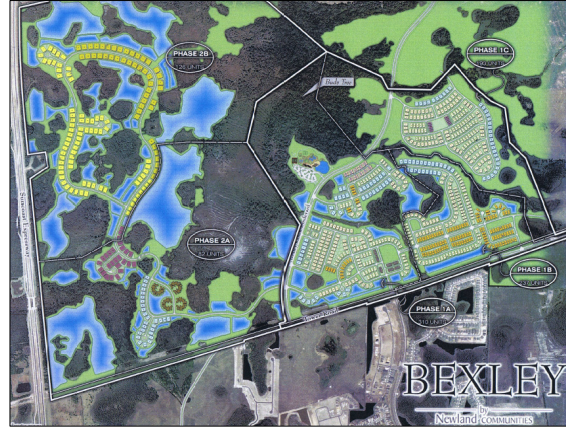
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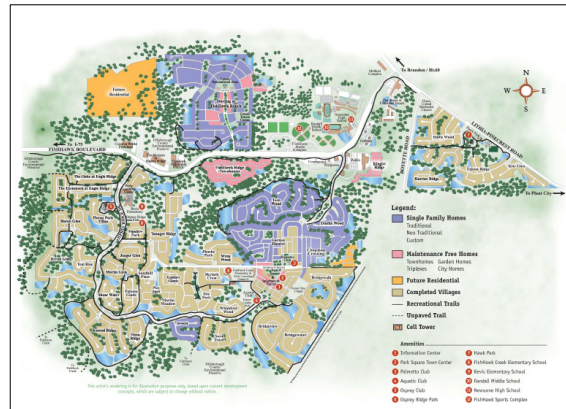


Projects

- Bexley Ranch, Land O' Lakes, Florida. 7,000 acre master planned community. Led the entitlements, envisioning, master planning, engineering, permitting, environmental assessments, acquisition, amenities planning, and home builder design guidelines. Strong governmental agency relationships within local and state jurisdictions.



- FishHawk Ranch, Lithia, Florida. 4,000 acre master planned community. Spearheaded vision and master planning of community. Successfully implemented \$40 million in community amenities with 100% safety record. Tree relocation and native habitat restoration specialist. Developed neotraditional home builder design guidelines. Community Development Board Supervisor with financial oversight and maintenance of assets.



- Covington Park, Apollo Beach, Florida. 800 acre master planned community. Successfully implemented \$3 million in community amenities including clubhouses, aquatic centers, neighborhood entries, and pocket parks.
- Highland Park, Tampa, Florida. 400 acre master planned community. Project management for tree relocation and native habitat restoration.
- Westchase, Tampa, Florida. 2,500 acre master planned community. Provided landscape architectural solutions including neighborhood entries, pocket parks, walls, lighting and signage. Project management, permitting, and construction administration.



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Awards

- 2008- Best Community of the Year, FishHawk Ranch, Tampa Bay Builders Association
- 2008 Best Community Amenities, FishHawk Ranch, Tampa Bay Builders Association
- 2007- Best Community to Raise a Family, FishHawk Ranch, Tampa Bay Parenting Magazine
- 2007- Best Venue, Palmetto Club, Tampa Tribune Readers Poll
- 2007- Best Community Amenities, FishHawk Ranch, Tampa Bay Builders Association
- 2006- Best Community Amenities, FishHawk Ranch Tampa Sales & Marketing Council
- 2005- Business Woman of the Year Finalist, Tampa Bay Business Journal
- 2003- Award of Excellence FishHawk Ranch, National Arbor Day Foundation
- 2003- Award of Excellence FishHawk Ranch, The Planning Commission
- 2003- Award of Excellence FishHawk Ranch, Trees Florida Program
- 2002- Honorable Mention, Infrastructure, Tampa Bay Regional Planning Commission
- 1997- Award of Excellence, Westchase, The Planning Commission

Guest Speaker Engagements

- Pasco County Green Initiatives Workshop
- National Association of Home Builders
- National Arbor Day Foundation
- University of Nevada Las Vegas School of Architecture

Publications

- Tampa Bay Business Journal- Neotraditional Projects Are Succeeding, June 1998
- Florida Real Estate Journal- Regional Malls: They Don't Have to Die an Ugly Death, May 1998
- North Carolina State University- Cyber City: Addressing the Challenges and Needs of the Future Society, May 1997

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Company Profile

Perez Engineering & Development, Inc., (PE&D) is a professional engineering consulting firm. We provide professional services in the public, industrial, military, and private sectors. Based in Key West, Florida, with a branch office in Tampa, our staff has a proven record in successfully managing and completing complex multi-discipline projects throughout the State of Florida and the Caribbean. Our approach to project planning and management controls both capital costs and engineering fees and demonstrates our ability to meet both schedule and budget requirements. In addition to being completed on time and within budget, a successful project must be technically adequate. To ensure technical adequacy of all our work, various types of review mechanisms have been established. The result is systematic approach to ensure the following:

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

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

ENGINEERING

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

REGULATORY APPROVALS AND COORDINATION

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

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CONSTRUCTION SERVICES

- Obtain qualified and responsive bids
- Bid tabulation and evaluation
- Coordinate pre-construction and progress meetings
- Conduct field inspections
- Review pay request
- Claims avoidance and management
- Project closeout
- Safety, quality and public relations
- Prepare records drawings and certify construction completion

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

PE&D professional experience is fairly diversified and encompasses the design and preparation of construction documents, permitting, and construction services for a variety of projects. Our engineering design experience includes hydraulic and hydrologic computer modeling of storm water management systems; the design of potable and sanitary utility systems, pump stations, paving and grading design. The following is a list of some of our municipal clients and contracts:

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

PERMITTING

In most design applications for facilities in Florida, permitting plays a major role. We are committed to a streamlined permitting approach to ensure adherence to the project schedule and budget. We investigate opportunities for co-location, and combining permits, up-front to reduce overall work efforts.

Our clients benefit from reduced Agency review time, good Agency working relationships, and an overall reduced cost in consulting services. **PE&D** has experience in permitting through the Florida Department of Environmental Protection (FDEP), U.S. Army Corps of Engineers (ACOE), Environmental Protection Agency (EPA), various water management districts, and other related state and federal agencies.

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In order to uniformly address all aspects of project permitting, permits are managed by a single person assigned specifically to meet project permit requirements. This person has sole responsibility for directing all permit activities and reports directly to the project manager.

Our approach to project permitting involves several basic areas as follows:

- Continuous monitoring of rule changes
- Permit identification, scheduling, and tracking
- Pre-application meetings
- Submittal of complete applications
- Careful review of draft permits
- Follow-up, negotiation, and issuance

Adequately addressing these major areas provides assurances that projects will be permitted in a timely and cost effective manner.

CONSTRUCTION SERVICES

Individuals involved with these services are a combination of members of the design team and others who are focused specifically on construction related matters, including field personnel. We have performed projects ranging from conventional design and construction, to emergency fast-track engineering procurement and to design/build.

As a result, we are experienced with the approaches and procedures necessary during construction in order to reduce cost, changes, and claims and maintain quality on a project.

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Projects

The following is list of some of our current and previous projects:

SINGLE FAMILY LAND DEVELOPMENT

- Powell Point (Eleuthera, The Bahamas)
- Playa Crystal (Key Largo)
- Little St. James (U.S. Virgin Islands)
- The Pavilion Subdivision (Tampa, FL - Lennar Homes, Inc.)
- Oldsmar Subdivision (Tampa, FL - Lennar Homes, Inc.)
- Fern Ridge Subdivision (Tampa, FL)
- Habitat for Humanity (Big Coppitt, FL)
- Coral Hammock (Stock Island, FL)
- Anglers Reef (Islamorada, FL)
- Seaside Residences (Key West, FL)
- Coral Gardens (Bahamas)

MULTI-FAMILY LAND DEVELOPMENT

- Oceanside Marina (Stock Island, FL)
- Seaside Residences (Key West, FL)
- Dog Track Redevelopment (Stock Island, FL)
- Key Cove (Key West, FL)
- Tarpon Cove (Key Largo, FL)
- Tradewinds Apartments (Key Largo, FL)
- Venture Out (Cudjoe Key, FL)
- The Pinnacle Apartments (Tampa, FL)
- The Preserve Apartments (Tampa, FL)
- Beachside Condos (Key West, FL)
- Marathon Resort and Marina (Marathon, FL)
- Seaglass Resort (Fiesta Key, FL)
- Bakers Bay Marina Village (Bahamas)
- Harbor House (Key West, FL)

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COMMERCIAL DEVELOPMENT

- Manatee Cove (Key Largo, FL)
- Hilton (St. Petersburg, FL)
- The Islander (Islamorada, FL)
- Big Pine Walgreens (Big Pine Key, FL)
- Hurricane Hole Marina (Stock Island, FL)
- Pricesmart (St. Thomas, VI)
- Dion's Quickmart (Marathon, FL)
- Quality Inn Renovation (Key West, FL)
- Conch Harbor (Key West, FL)
- CarpetMax (Port Orange, FL)
- AutoNation USA (West Palm Beach, FL)
- Gregg Business Centre (Plant City, FL)
- Adam Paine Academy (Ruskin, FL)
- Big Pine Key Shopping Plaza (Big Pine Key, FL)
- Poinciana Middle School (Key West, FL)
- Marathon High School (Marathon, FL)
- Homeland Security Building (Key West, FL)
- Keys Federal Credit Union (Stock Island, FL)
- Rockland Key Commerce Center
- Marathon Walgreens (Marathon, FL)
- Searstown Shopping Center (Key West, FL)

MUNICIPAL

- Animal Shelter (Monroe County)
- City of Key West Sanitary Sewer Rehabilitation-District DA (Key West, FL)
- City of Key West Pump Station 'A' Improvements (Key West, FL)
- City of Key West Stormwater Gravity Injection Wells - Phase 1 and 2. (Key West, FL)
- Florida Keys Aqueduct Authority Water Main Upgrades (Key West, FL)
- Monroe County Housing Authority Scattered Sites Project
- Key West Housing Authority Preliminary Sewer Design (Key West, FL)
- Key West International Airport Miscellaneous Improvements (Key West, FL)
- Orange County Boot Camp (Orlando, FL)
- Durant High School (Plant City, FL)
- Reclaimed Water Master Plan (New Port Richey, FL)
- City of Key West Transfer Station (Key West, FL)
- Marathon Fire Station (Marathon, FL)
- Construction Management for City of Key West Construction Projects.
- FKAA Wastewater Forecmain and Reuse Main (Stock Island, FL)

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Resume

Allen E. Perez, P.E.
Principal

Experience Summary

Mr. Perez has more than fifteen (15) years of experience with stormwater systems, potable water systems, and sanitary sewer systems. His experience includes the management and technical preparation of master plans, construction documents, permit submittals, and construction services for a wide variety of development activity. Mr. Perez has been providing professional engineering services, from his Key West office, for projects throughout the Florida Keys for over seven (7) years. He has assisted the City of Key West with the accelerated sanitary sewer rehabilitation project as well as the initial development of the private property lateral testing program.

Primary Experience

During the past three (3) years, Mr. Perez has developed an outstanding relationship with Florida Department of Environmental Protection (FDEP), South District. FDEP is responsible for permitting all sanitary sewer systems, potable water systems, as well as some stormwater systems throughout Monroe County. Mr. Perez understands the importance of preparing a very detailed and organized set of construction documents to help expedite the permitting process; and in doing so, **has received permits from FDEP in less than a weeks time.**

Mr. Perez was responsible for assisting the City of Key West with the design and permitting of the Sanitary Sewer Rehabilitation for Service District 'DA'. The project consisted of the replacement of approximately 28,000 feet of gravity sewers from 8 to 18 inches in diameter, new lined manholes, approximately 12,000 feet of service laterals, and 1,600 feet of 10-inch force main. This project bid in February 2000 for more than \$5 million. Mr. Perez's growing relationship with the FDEP South District office helped to obtain an expeditious review and permit issuance to allow the City to accelerate its sewer rehabilitation project. Due to Mr. Perez's design and permitting assistance, the **City saved more than \$200,000 in design fees.**

Project manager for the Tradewinds Hammocks, a two (2) phase affordable apartment development in Key Largo, Florida. The project included a stormwater management system, the potable water system, and the sanitary sewer system. The stormwater management system consisted of a combination of exfiltration trenches and gravity stormwater injection wells. The stormwater system was permitted through the South Florida Water Management District (SFWMD) and the Florida Department of Environmental Protection (FDEP). The potable water system was designed to FKA standards and permitted through FDEP.

Project Manager for the Islander Resort, an existing facility with approximately 115 units.

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As part of renovating the existing motel, Mr. Perez was responsible for the design and permitting of a new potable water system, sanitary sewer collection system, and sanitary pump station. The sanitary collection system and pump station were designed to account for future expansion of an additional 124 units. Mr. Perez was also responsible for designing the stormwater management facilities to serve the future expansion. The potable water system was designed to FCAA standards and permitted through FDEP. The sanitary sewer collection system, pump station, and force main were also permitted through FDEP.

Key West SeaSide Corporation will be developing a new 96-unit Townhome project in Key West, Florida. Mr. Perez shall be providing construction management/administration services for the Client. The project **construction budget is estimated at \$19 million** and is expected to start construction in the fall of 2001.

Perez Engineering & Development, Inc. is part of a **Design/Build Team** to develop a new 50-unit RV park for the Navy in Key West, Florida. The contract amount for this project is approximately **\$1.1 million**. The design process of this project is anticipated to start in July 2001.

Mr. Perez is responsible for the design and permitting of the stormwater management system, potable water system, and the sanitary sewer system. The potable water system will be designed to FCAA standards and permitted through FDEP. The sanitary sewer collection system, pump station, and force main shall also be permitted through FDEP.

The Marathon Community Park located in Marathon, Florida is a new nine (9) acre development containing softball fields, tennis courts, basketball courts, soccer fields, playgrounds and numerous other facilities. Mr. Perez assisted the Client in obtaining permits for the stormwater management system. The stormwater system consisted of shallow dry detention ponds, exfiltration trenches, and gravity injection wells.

The FCAA Tavernier Service Center is an existing facility that is being renovated and upgraded to better serve FCAA customers. The upgrades include reconfiguring the parking lot and driveway connections to U.S. 1. Mr. Perez developed construction documents for the proposed upgrades including a new stormwater management system. The stormwater management system included a gravity stormwater injection well. This system has been permitted through FDEP and FDOT as part of a drainage connection permit. We also obtained an FDOT driveway connection permit for the new driveways.

Mr. Perez is the Engineer of Record for the sewer replacement projects at Truman Annex and Trumbo Point. We will be responsible for conducting construction inspections, coordinating with NAS personnel, developing record drawings, and the submittal of appropriate certifications to FDEP. The combined construction costs for each location is over a \$2 million.

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Mr. Perez has assisted the Key West Housing Authority with the preparation of a HUD application for emergency funds to be used for sanitary sewer rehabilitation projects at the following locations:

- George Allen Apartments
- Fort Village Apartments
- Robert Gabrielle A, B, and C
- Senior Citizen Plaza and Administration Buildings

He has reviewed all available drawings and documentation, conducted field reviews of each site with Housing Authority staff, prepared preliminary "red line" plans, developed preliminary construction cost estimates and schedules for each site.

Poinciana Park is a mobile home development containing approximately 78-units and located in Key West, Florida. The sanitary sewer system serving the development was tested as part of the City's private property lateral testing program and failed. Mr. Perez prepared construction documents for a new sanitary sewer collection system to serve the existing development. We also assisted the Client with obtaining construction bids. The construction documents were permitted through the FDEP and City of Key West. Mr. Perez was involved in the construction process of this project and served as the Engineer of Record for the new sanitary system.

Stadium Mobile Home Park is a 360-unit development located in Key West, Florida. The sanitary sewer system serving the development was tested as part of the City's private property lateral testing program and failed. Mr. Perez prepared construction documents for a new sanitary sewer collection system to serve the existing development. The construction documents were permitted through the FDEP and City of Key West. Mr. Perez was involved in the construction process of this project and served as the Engineer of Record for the new sanitary system.

Venture Out at Cudjoe Cay is a 659-unit RV park. Mr. Perez is currently conducting and engineering analysis of the Park utility infrastructure. The potable water system, sanitary sewer system, wastewater treatment plant, and secondary electrical system are included in the analysis.

Mr. Perez has assisted the FKAA with the design and construction drawing preparation for more than 15,000 LF of water main upgrades in sewer districts 'C' and 'G'.

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Resume

Jeff Rogers, P.E.
Project Manager

Experience Summary

Experienced in the areas of hydrology investigations, including hydrological and hydraulic performance of urban drainage systems, stormwater runoff protection and designs, NPDES geographic information system database development, NPDES reports, completing SFWMD, FDEP, and DOH permits for development projects. Proficient in using computer models, and programs such as ICPR, SWMM, ARCGIS, AutoCAD 2005 LDD and Microsoft Project. Limited experience in using computer models, and programs such as MODFLOW, and H2ONET

Primary Experience

- **Project Engineer, City of Key West Gravity Injection Wells.** Designed 32 stormwater gravity injection wells and associated conveyance systems. Design including basin delineation, ICPR modeling, stormwater treatment structure design review and selection, and stormwater pipe and conveyance system design
- **Project Engineer, City of Key West Gravity Injection Well Construction Management.** Completed bid documents for 40 gravity injection wells and associated conveyance systems. Project engineer for construction of the wells with duties including: answering RFIs, review of pay requests, shop drawings, change orders, and schedules.
- **Assistant Project Engineer, Anglers Reef.** 52 Home and Marina Development. Islamorada, FL. Completed drainage design including building ICPR model and writing technical drainage report. Assisted in Environmental Resource Permit for SFWMD.
- **Assistant Project Engineer, Lopez Apartments.** Completed design of sewer collection system for existing 13 unit apartment complex. Project included gravity collection system connecting to vacuum sewer system and permits for septic tank abandonment and construction of wastewater collection system
- **Assistant Project Engineer.** Florida Keys Aqueduct Authority Stock Island Lift Stations. Assist in the design of 6 sanitary lift stations to connect existing buildings to force main.
- **Project Engineer, Rockland Key Commerce Center. Stock Island, Florida.** Completed design for 25 Acre Industrial commerce center including road, water, gravity and forcemain sanitary collection system and master drainage plan. Obtaining ERP, and FDOT permits.
- **Project Engineer, Seagrape Apartments.** Completed design of 84 unit apartment buildings. Design included water and sanitary collection system. Pump station and force

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main to existing vacuum collection system. Obtained permit from SFWMD, and FDOT, currently obtaining permit from FDEP for Sanitary and water distribution systems.

- **Project Engineer. Safe Harbor Marina.** Site stormwater design. Site was vacant; converted to marina and commercial area. Obtained ERP permit from FDEP.
- **Project Engineer. Maison Matecumbe,** Islamorada, Fl. Designed site utilities, driveways, and grading for 8 town homes, and 4 single family houses.
- **Project Engineer,** City of Key West Transfer Station. Designed stormwater drainage system and Environmental Resource Permit for transfer station. Reviewed site plan for compliance with Monroe County Land Development Regulations. Completed ICPR hydraulic model and calculations.
- **Assistant Project Engineer. Beachside Condos, Key West, Florida.** Project consisted of condos, parking garage and convention center development. Completed drainage design including building ICPR model and technical drainage report. Assisted in Environmental Resource Permit for SFWMD.
- **Grant Assistance, City of Key West, Florida.** Reviewed, advised and wrote grants for the City for water quality and quantity programs. Completed pollutant loading calculations for stormwater runoff.
- **Assistant Project Engineer, City of Key West NPDES Phase II program.** Assist City of Key West in developing their MS4 permit. Provided overview of permit process and drafted initial permit for City. Assisted City with revisions to permit.
- **Project Engineer,** City of Marathon Drainage Improvements. Design drainage systems consisting of exfiltration trenches and gravity injection wells for road improvements.
- **Project Engineer, Miami-Dade County Stormwater Drainage Improvements.** As project engineer Mr. Rogers was responsible for design of stormwater improvements for several residential and commercial streets in Miami-Dade County, Florida. Designs consisted of field investigation followed by sizing exfiltration trenches and pollution control devices. Mr. Rogers created the design packages for 16 projects in accordance with DERM-DORM/FEMA standards. The estimated construction value of the packages ranged from \$30,000 to \$750,000.
- **Project Engineer, Florida Department of Transportation (FDOT) District 6 Phase II NPDES MS4.** Mr. Rogers was the project engineer responsible for obtaining and reviewing as-built drawings for stormwater drainage outfalls, catch basins, manholes, weirs, and percolation tests of FDOT roads in Monroe County and the City of Key West, Florida. Mr. Rogers developed a database in ArcView 3.3 for stormwater drainage structure specifications and locations, including aerial views of roads, and GPS location of drainage structures. Mr. Rogers was also responsible for coordinating and performing field visits to obtain GPS position, picture, available measurements, and condition of the FDOT

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stormwater drainage structures known and able to be located within the project area. Mr. Rogers directed the conversion of aerial images to MrSID format.

- **Project Engineer, Indian Creek Village Stormwater Drainage Improvements and Fee Determination.** As project engineer Mr. Rogers was responsible for design of stormwater improvements for a broken 36 inch stormwater pipe, and addition of a pollution control box. He also calculated the stormwater fee changes for the past year. The calculations were to determine using rational and NRCS method.
- **Project Engineer NPS Flamingo WWTP PERC Percolation Ground Water Model.** As project engineer, Mr. Rogers was responsible for review and collection of existing data for the study area. Data pertaining to topography, aquifer stratigraphy, rainfall, evaporation, head distribution, hydraulic parameters, and water stages were collected. Mr. Roger also assisted with the ground water model setup and calibration using DYNFLOW. The model parameters were adjusted to predict results for three scenarios of discharge rates interpreted. Mr. Rogers assisted with the technical report for this project.
- **Assistant Engineer, Monroe County Pollution Prevention Practices Inspection.** Mr. Rogers assisted in the inspection of county facilities. The inspection was conducted to observe current stormwater management structures and activities, and to make recommendations to improve the stormwater control for the facilities. Mr. Rogers wrote inspection reports for each of the sites he inspected. He also wrote the letter report for the project.
- **Assistant Engineer, Miami-Dade Aviation Department Hydraulic Evaluation of Proposed Bridge at Outfall 2..** Mr. Rogers was responsible for reviewing proposed changes to the existing drainage channel and updating the existing SWMM 3.5 model. Mr. Rogers also executed and analyzed the results to determine if the proposed construction would affect the channel flood stages during 10 year and 100 year design storms.
- **Project Engineer, Indian Creek Village NPDES Report** Mr. Rogers was responsible for the NPDES Report, ensuring all the required documentation was accomplished as well as attending the auditing meetings with the client.
- **Project Engineer, Indian Creek Village Water Quality** Mr. Rogers was responsible for ensuring all the required samples and documentation are completed to meet the potable water quality sampling requirements. Mr. Rogers has developed the sampling plan for the Village.
- **Assistant Engineer, Florida Keys Aqueduct Authority Regional Potable Water Supply Study.** Mr. Rogers was responsible for updating the existing H₂ONET Water Distribution Model for the Florida Keys. Mr. Rogers assisted in determining the optimal locations and sizes for the booster pumps. He created the necessary graphics for the report.
- **Assistant Engineer, National Park Service Flamingo WWTP.** Mr. Rogers was responsible for assisting in field work to obtain ground water and surface water samples at the

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percolation pond for the 56,000-gpd facility. Mr. Rogers prepared ArcView Maps images and a database from collected data, and assisted in preparing the technical report.

- **Assistant Engineer, Fort Lauderdale Airport Vision 2020 Stormwater Management Plan.** Mr. Rogers was responsible for adjustments to basin area delineations due to addition of future development. Mr. Rogers calculated new areas and adjusted the SWMM model parameters to meet future development scenarios. Mr. Rogers also executed the SWMM model for future updated conditions, verified and interpreted the results.

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Resume

Richard T. Evans
Construction Management

Experience Summary

Mr. Evans has more than 19 years of construction experience. He was employed with the City of Key West for two and half (2 ½) years, for the citywide sewer rehabilitation projects. In January 1999 he retired as a Builder Senior Chief with twenty-two years, five months in the United States Navy. He has eighteen years experience as a Navy supervisor. He supervised numerous construction workers on a daily basis on various job sites worldwide. He provided for the professional development, and safety of personnel assigned, as well as assisting in the care and welfare of their families. As a Navy Seabee he determined methods of construction and scheduled all activities leading to the completion of construction projects. Inspected projects for quality control and contract compliance. Completely estimated the time needed to meet deadlines and budgets. Determined cost efficient and timesaving plans. Directed supervisors and work crews, and monitored the progress of the project including delivery and use of tools, supplies, vehicles, and machinery.

Primary Experience

- Mr. Evans is currently employed at Perez Engineering as the Construction Manager.
- He was employed for two and half (2 ½) years with the City of Key West. His employment positions with the city were as the Sewer Construction Project Coordinator, Chief Field Inspector and Field Inspector for the City of Key West. Assisting in the completion of over 50 million dollars of new construction, including 45 miles of New Sewer Main and 27 Miles of Sewer laterals.
- As the **Sewer Construction Project Coordinator** from Dec 2000 to Oct 2001, he managed the completion of 4 Sewer Construction District Projects in the City of Key West, valued at over 20 million dollars. Supervised 5 Field Inspectors and 1 Executive Assistant in the daily management for sewer construction for contract compliance, field testing, and construction review as well as interface between contractor and city customer on a daily basis.
- From April 2000 to December 2000, He was the **Sewer Construction Chief Field Inspector**, supervising 8 Field Inspectors in the daily sewer construction for contract compliance, field-testing, and construction field review.
- He started with the city as a **Sewer Construction Field Inspector** in Apr 1999 for the City of Key West, Sewer Construction Project Management. He provide full time inspection for the contract compliance in the installation of new sewer main and laterals, new concrete sidewalks replacement, and new asphalt roadwork.

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Mr. Evans held the following positions during his U. S. Navy Career:

NAS Key West: Oct 1996 - Jan 1999

Position: Assistant Officer in Charge, Construction Battalion Unit 402; Builder Senior Chief Petty Officer (E-8).

- Assisted the Officer in Charge in the management and supervision of 38 Seabees (personnel), (I.E. Builders, Electricians, Plumbers, Equipment Operators, supply and office staff).
- Directed the daily administration, operational, training, and safety programs.
- Assisted in the management of construction projects totaling over 3,500 direct labor man-days, installation of over 2 million dollars of new materials.
- Assisted in the management of Civil Engineering Support Equipment valued at \$2,827,898.

Department of State, Washington DC: JUL 1994-SEP 1996

Position: Operations Chief, Naval Support Unit; Builder Senior Chief Petty Officer (E-8)..

- Assisted in the management and supervision of 96 Seabees, and 8 office staff.
- Solely responsible for the units operational commitments in support of the Counter Intelligence, Information Security, and Counter Measures Program.
- Deployed and coordinated Seabee Teams to over 31 different countries, completed over 25 million in new construction, including Post Communication Center's in Vientiane, Laos and Madras, India.
- Maintained a Top Secret security clearance, handling classified material and equipment on a daily basis.

Resident Officer-In Charge of Construction, Marine Air Corps Station, Beaufort SC: MAY 1991-JUN 1994

Position: Construction Representative; Builder Chief Petty Officer (E-7).

- Administered construction contracts for contract compliance, inspection, field-testing, and construction review as well as interface between contractor and customer, Beaufort, SC.
- Successfully managed the inspection of 17 construction projects valued at \$4 million dollars.
- Reviewed plans and specifications, assisted Project Managers and Project Engineers in providing contractors and customers with efficient, readable plans and specifications.
- Ensured the proper removal of over 2,500 square feet of lead based paint from various buildings, and 45,000 square feet of asbestos siding materials from aircraft hangers.

Navy Mobile Construction Battalion Four Zero, Pt Hueneme, CA: FEB 1985-MAR1991:

Position: Builder Second Class (E-5)/First Class (E-6)/Chief Petty Officer (E-7).

- (E-5) project crewmember, performed tasks required for construction, maintenance, and repair of wooden, concrete, and masonry structures, concrete pavement; worked from construction drawings and specifications; drew simple shop drawings, and sketches; direct crews in all tasks.
- (E-6) project supervisor, 65,000 SF Fleet Hospital Warehouse, Guam; directed 35 personnel; prepared work progress reports; organized daily work assignments; manpower

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and material estimates; prepare schedules using the Critical Path Method. Performed construction and maintenance inspections.

- (E-7) Operation DESERT SHIELD AND DESERT STORM. Detail officer in Charge; Souda Bay, Crete. In charge of a nine man Seabee Team. Drafted correspondence, evaluations, contraction progress reports; supervised and coordinated unit tasks; provided technical advice and assistance on plans and specifications on construction projects;

JAN 1985-AUG 1976; Before converting to the Navy Seabees, Mr. Evans was stationed on the U.S.S. Briscoe, at NAS Key West FL and on the U.S.S Coontz.

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